

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF112019\
 Data File : BF117883.D
 Acq On : 20 Nov 2019 10:46
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 10:11:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	201413	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	757251	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	414600	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	788717	20.00	ng	0.00
76) Chrysene-d12	14.11	240	622226	20.00	ng	0.00
87) Perylene-d12	15.62	264	603052	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	864348	75.96	ng	0.00
7) Phenol-d6	6.54	99	1076009	78.40	ng	0.00
23) Nitrobenzene-d5	7.49	82	1066520	83.72	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	355471	80.99	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2006396	86.82	ng	0.00
79) Terphenyl-d14	13.05	244	2588690	76.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	266132	50.037	ng	98
3) Pyridine	3.47	79	499488	35.800	ng	100
4) n-Nitrosodimethylamine	3.42	42	229310	37.651	ng	92
6) Aniline	6.58	93	707632	39.018	ng	99
8) 2-Chlorophenol	6.70	128	493198	39.946	ng	98
9) Benzaldehyde	6.46	77	336361	37.103	ng	97
10) Phenol	6.56	94	616391	43.220	ng	99
11) bis(2-Chloroethyl)ether	6.65	93	438504	38.288	ng	99
12) 1,3-Dichlorobenzene	6.86	146	576530	39.662	ng	96
13) 1,4-Dichlorobenzene	6.93	146	587344	39.975	ng	98
14) 1,2-Dichlorobenzene	7.09	146	556546	39.606	ng	99
15) Benzyl Alcohol	7.06	79	444344	41.935	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	622962	35.330	ng	97
17) 2-Methylphenol	7.16	107	402537	38.499	ng	98
18) Hexachloroethane	7.43	117	216184	40.053	ng	92
19) n-Nitroso-di-n-propylamine	7.33	70	340028	40.160	ng	99
20) 3+4-Methylphenols	7.32	107	518528	39.951	ng	# 80
22) Acetophenone	7.33	105	704123	41.387	ng	98
24) Nitrobenzene	7.50	77	537833	40.927	ng	98
25) Isophorone	7.74	82	913058	39.107	ng	96
26) 2-Nitrophenol	7.82	139	272203	42.556	ng	90
27) 2,4-Dimethylphenol	7.85	122	370006	37.227	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	575089	38.816	ng	99
29) 2,4-Dichlorophenol	8.06	162	430528	39.934	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	495249	39.603	ng	99
31) Naphthalene	8.23	128	1458180	41.306	ng	99
32) Benzoic acid	7.97	122	278007	33.406	ng	99
33) 4-Chloroaniline	8.27	127	633978	40.115	ng	100
34) Hexachlorobutadiene	8.35	225	296430	40.543	ng	98
35) Caprolactam	8.65	113	134269	39.187	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	453900	41.485	ng	95
37) 2-Methylnaphthalene	8.92	142	984721	41.284	ng	99
38) 1-Methylnaphthalene	9.02	142	931632	41.314	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	462577	38.419	ng	99

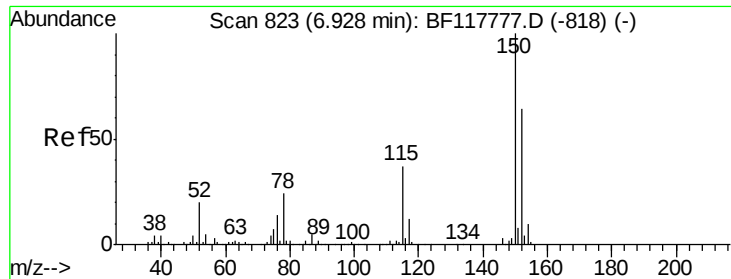
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF112019\
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	250170	37.076	nq	99
43) 2,4,6-Trichlorophenol	9.20	196	328794	38.125	nq	98
44) 2,4,5-Trichlorophenol	9.24	196	339085	37.869	nq	98
46) 1,1'-Biphenyl	9.39	154	1216565	39.551	nq	99
47) 2-Chloronaphthalene	9.42	162	976888	38.605	nq	99
48) 2-Nitroaniline	9.50	65	310079	40.589	nq	98
49) Acenaphthylene	9.83	152	1465598	39.726	nq	100
50) Dimethylphthalate	9.69	163	1139270	39.186	nq	100
51) 2,6-Dinitrotoluene	9.75	165	257452	40.517	nq	86
52) Acenaphthene	10.00	154	954258	40.378	nq	99
53) 3-Nitroaniline	9.92	138	304726	40.079	nq	97
54) 2,4-Dinitrophenol	10.02	184	120354	40.759	nq	# 84
55) Dibenzofuran	10.17	168	1312498	40.105	nq	98
56) 4-Nitrophenol	10.07	139	224099	39.487	nq	94
57) 2,4-Dinitrotoluene	10.16	165	341250	42.219	nq	91
58) Fluorene	10.52	166	1021922	40.296	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	282872	38.448	nq	96
60) Diethylphthalate	10.39	149	1160229	40.933	nq	99
61) 4-Chlorophenyl-phenylether	10.51	204	525139	40.803	nq	96
62) 4-Nitroaniline	10.54	138	316203	41.536	nq	98
63) Azobenzene	10.67	77	1038455	40.270	nq	99
65) 4,6-Dinitro-2-methylphenol	10.56	198	155347	42.191	nq	82
66) n-Nitrosodiphenylamine	10.63	169	903380	39.356	nq	99
67) 4-Bromophenyl-phenylether	11.00	248	330109	38.790	nq	95
68) Hexachlorobenzene	11.07	284	387327	39.032	nq	98
69) Atrazine	11.16	200	293320	38.846	nq	98
70) Pentachlorophenol	11.26	266	217886	37.583	nq	99
71) Phenanthrene	11.49	178	1581502	39.882	nq	99
72) Anthracene	11.54	178	1570890	39.955	nq	100
73) Carbazole	11.69	167	1436709	41.817	nq	100
74) Di-n-butylphthalate	12.02	149	2016089	47.130	nq	100
75) Fluoranthene	12.68	202	1832256	47.763	nq	99
77) Benzidine	12.80	184	796151	39.062	nq	100
78) Pyrene	12.91	202	1885547	37.497	nq	100
80) Butylbenzylphthalate	13.52	149	874396	40.486	nq	93
81) Benzo(a)anthracene	14.10	228	1571742	38.226	nq	99
82) 3,3'-Dichlorobenzidine	14.06	252	581877	40.457	nq	98
83) Chrysene	14.14	228	1517504	38.087	nq	99
84) Bis(2-ethylhexyl)phthalate	14.08	149	1127748	43.070	nq	99
85) Di-n-octyl phthalate	14.70	149	1811118	47.083	nq	100
86) Indeno(1,2,3-cd)pyrene	17.15	276	1375301	40.557	nq	99
88) Benzo(b)fluoranthene	15.17	252	1513222	38.622	nq	99
89) Benzo(k)fluoranthene	15.20	252	1351904	36.620	nq	99
90) Benzo(a)pyrene	15.55	252	1288210	37.390	nq	99
91) Dibenzo(a,h)anthracene	17.17	278	1138923	38.407	nq	97
92) Benzo(g,h,i)perylene	17.62	276	1028873	34.834	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

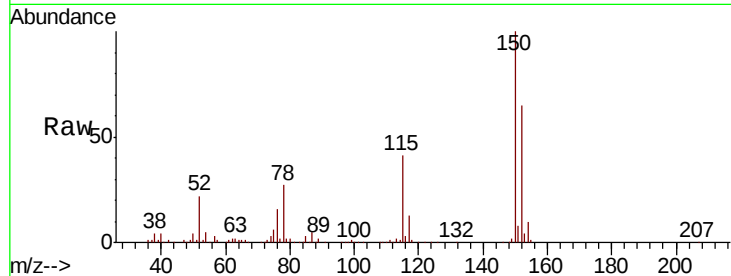


#1

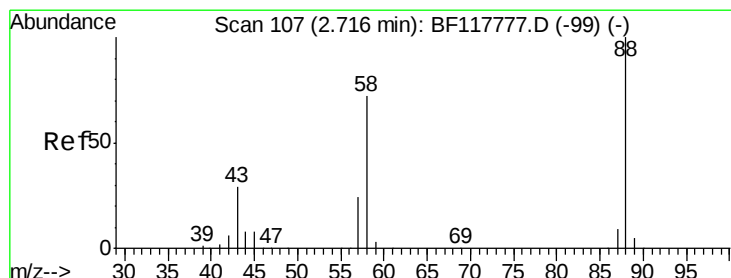
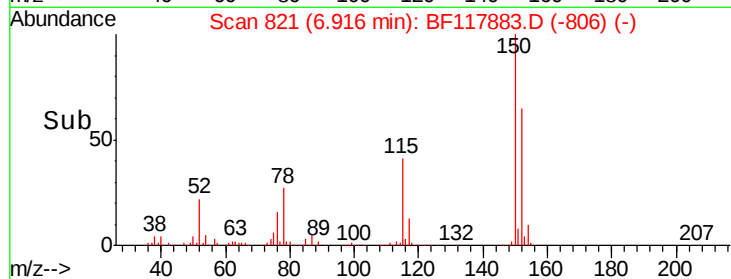
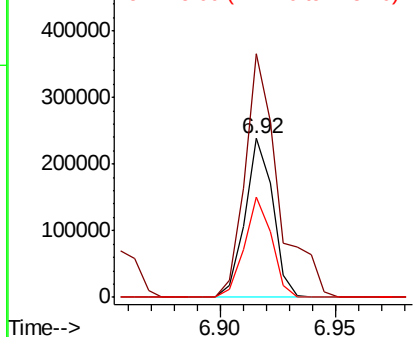
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 201413
Ion Ratio Lower Upper
152 100
150 153.4 125.3 187.9
115 63.1 47.0 70.4



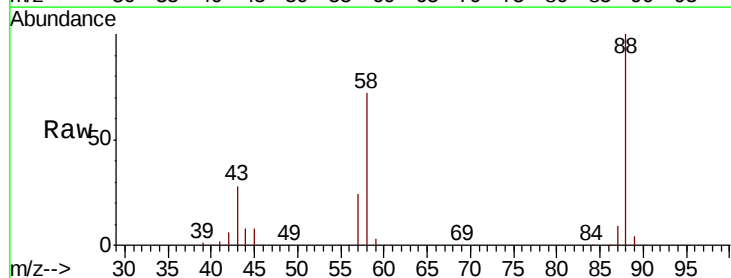
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



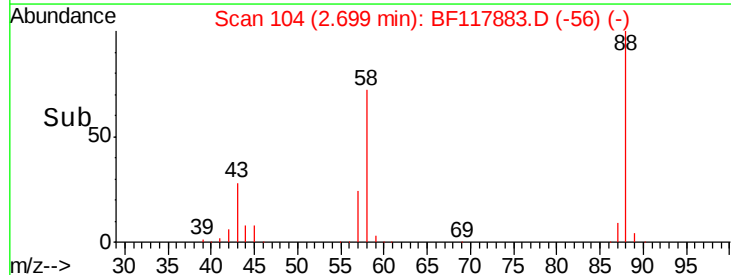
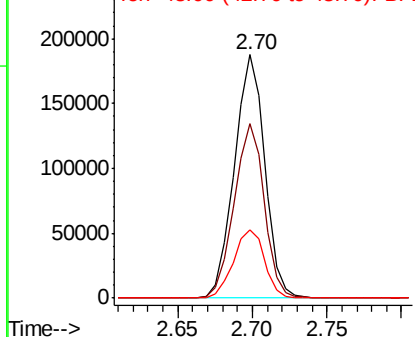
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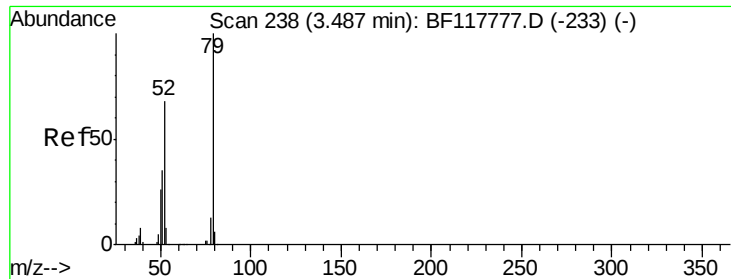
1,4-Dioxane
Concen: 50.037 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.02 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion: 88 Resp: 266132
Ion Ratio Lower Upper
88 100
58 71.1 58.2 87.2
43 28.8 23.3 34.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.800 ng

RT: 3.47 min Scan# 235

Delta R.T. -0.02 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

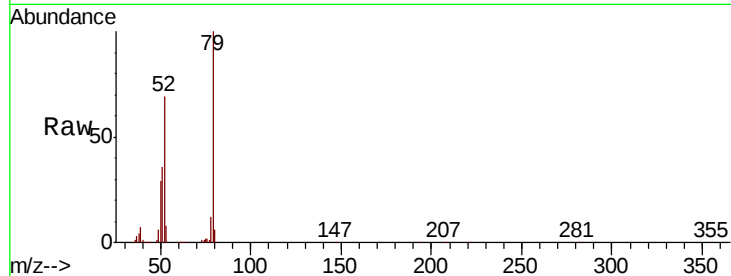
Tot Ion: 79 Resp: 499488

Ion Ratio Lower Upper

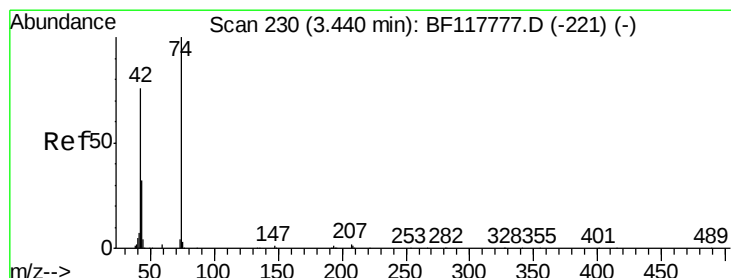
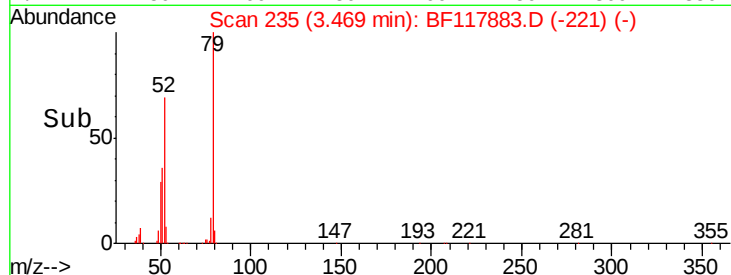
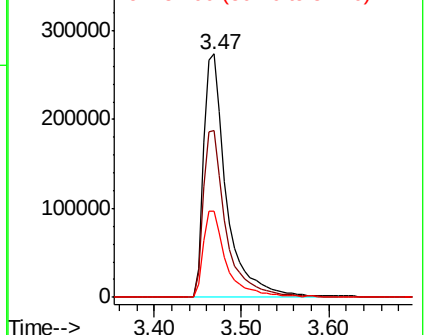
79 100

52 68.6 54.8 82.2

51 35.6 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.651 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.02 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

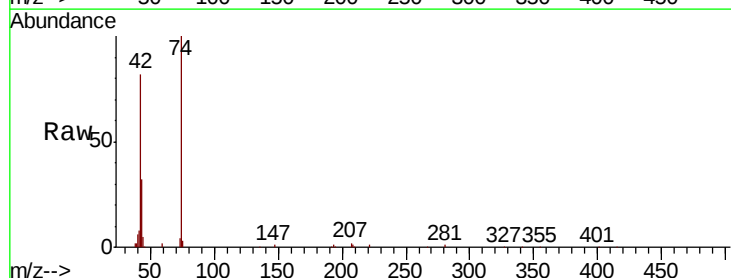
Tgt Ion: 42 Resp: 229310

Ion Ratio Lower Upper

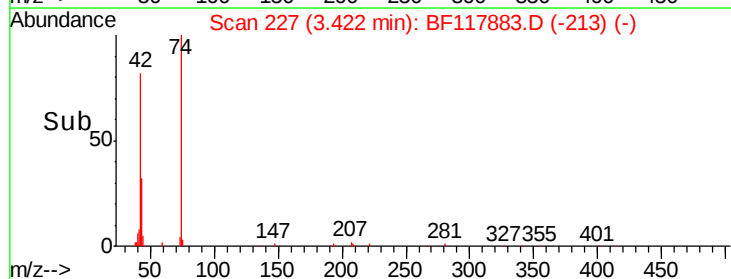
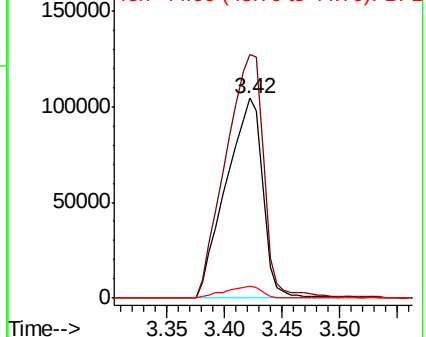
42 100

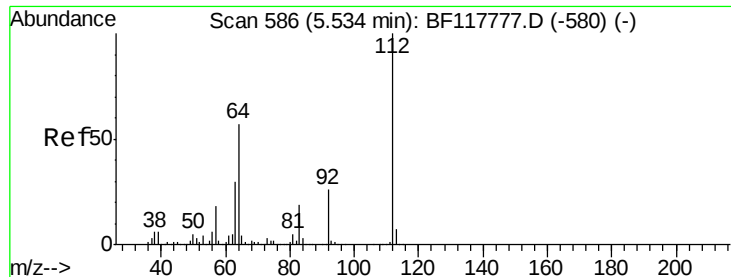
74 122.0 105.1 157.7

44 5.8 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.963 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampled :

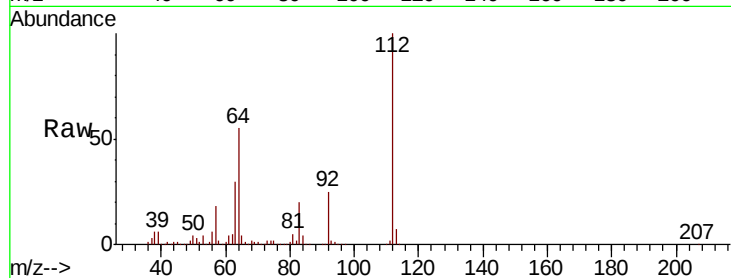
Tot Ion:112 Resp: 864348

Ion Ratio Lower Upper

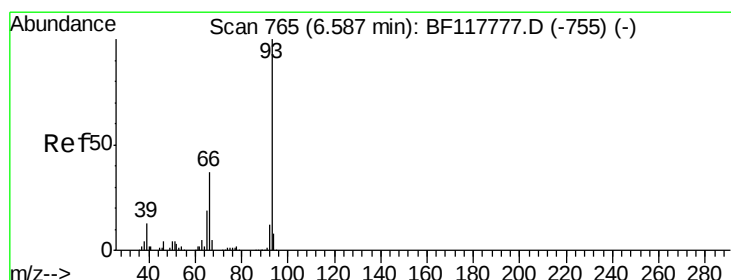
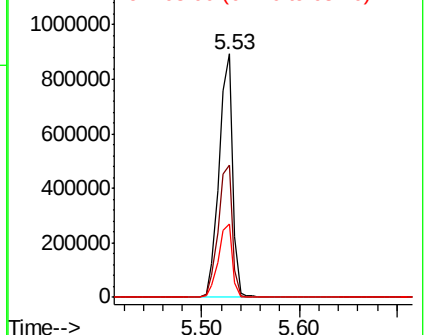
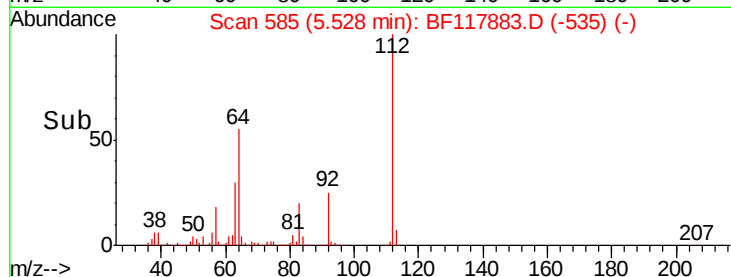
112 100

64 54.6 45.6 68.4

63 30.2 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.018 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

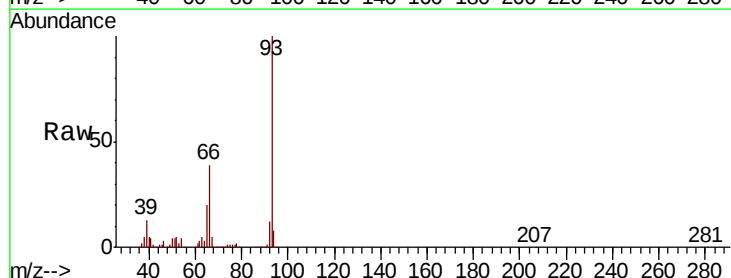
Tgt Ion: 93 Resp: 707632

Ion Ratio Lower Upper

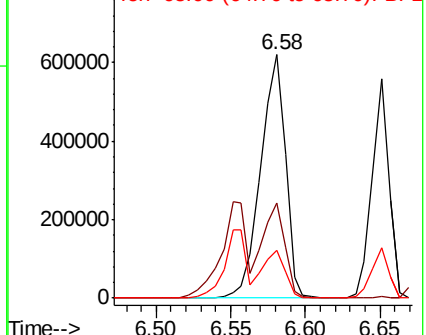
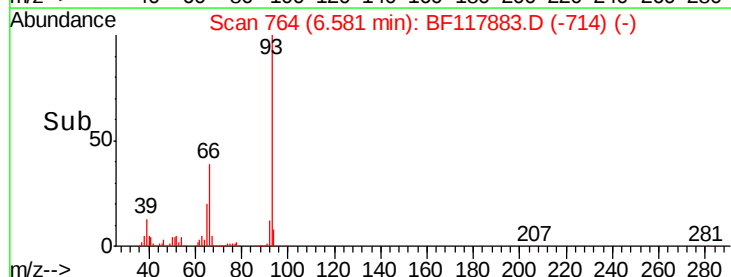
93 100

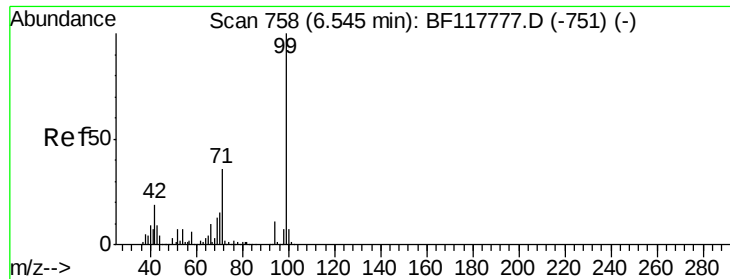
66 39.2 30.6 45.8

65 19.7 15.6 23.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.401 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampled :

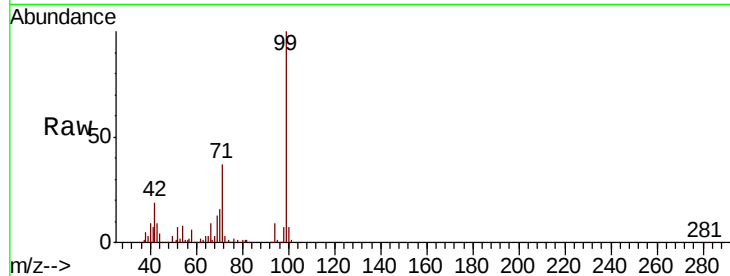
Tot Ion: 99 Resp: 1076009

Ion Ratio Lower Upper

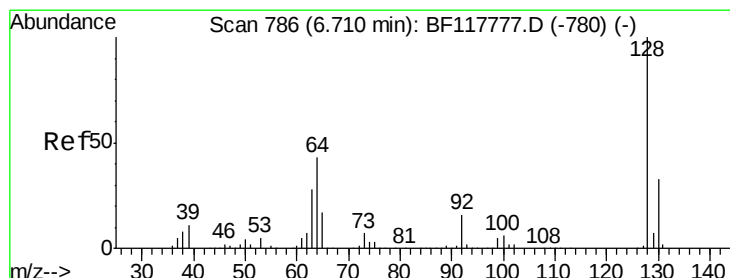
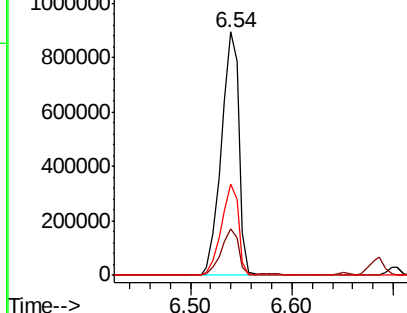
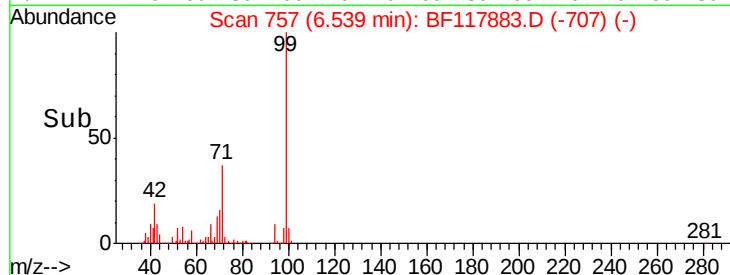
99 100

42 19.2 14.9 22.3

71 37.4 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.946 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

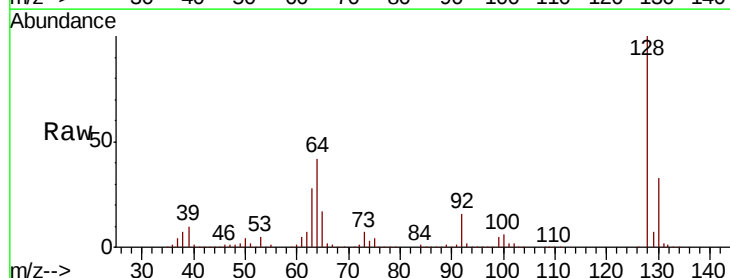
Tgt Ion: 128 Resp: 493198

Ion Ratio Lower Upper

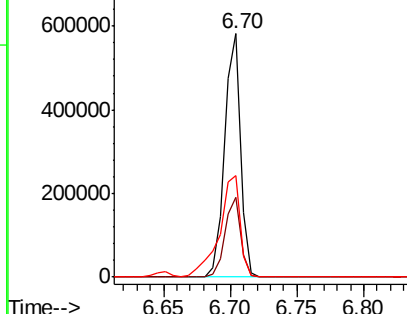
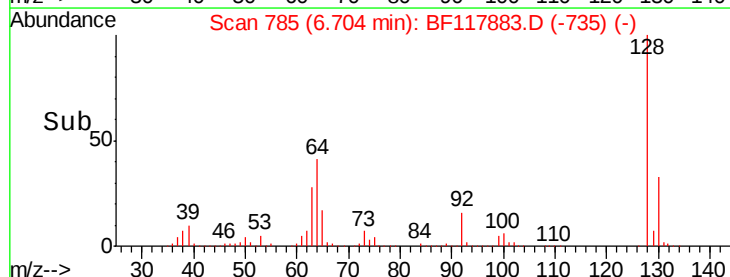
128 100

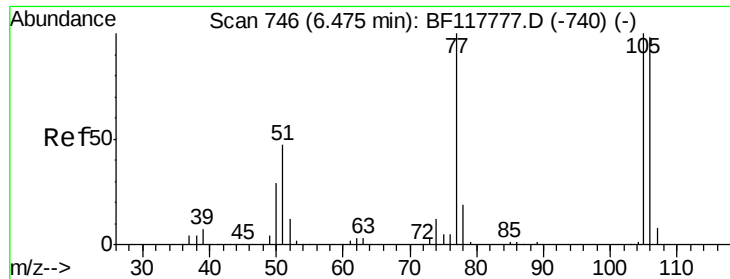
130 33.0 13.2 53.2

64 41.6 23.7 63.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.103 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampled :

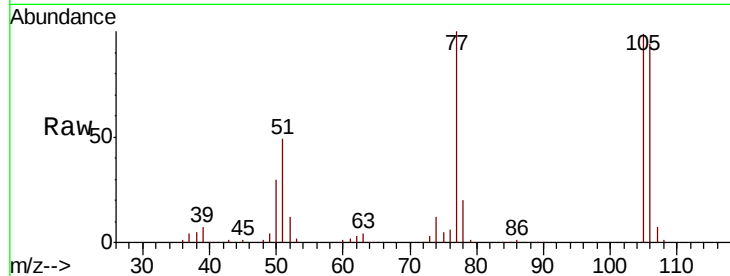
Tot Ion: 77 Resp: 336361

Ion Ratio Lower Upper

77 100

105 99.1 80.2 120.2

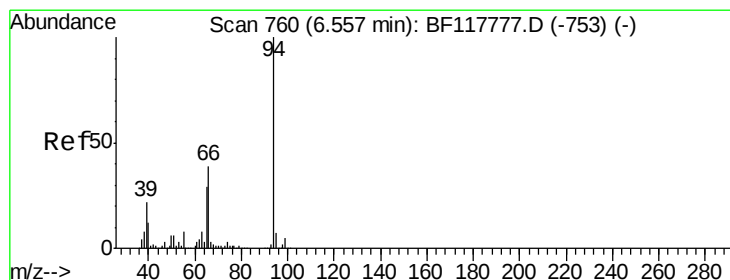
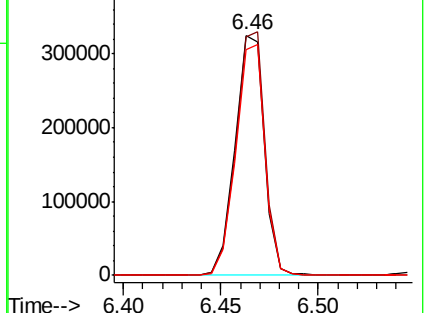
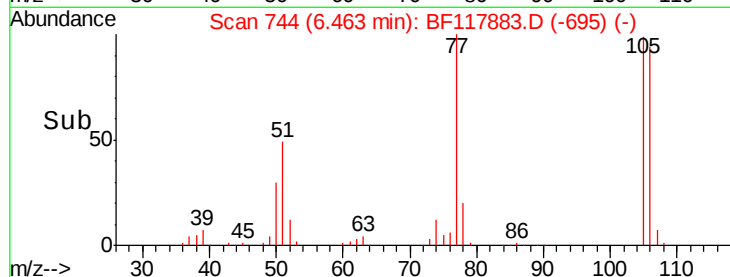
106 94.2 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.220 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

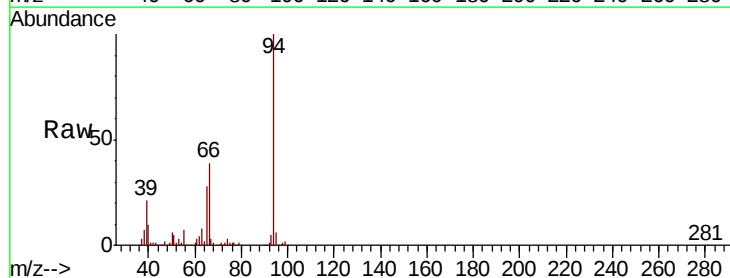
Tgt Ion: 94 Resp: 616391

Ion Ratio Lower Upper

94 100

65 27.9 8.9 48.9

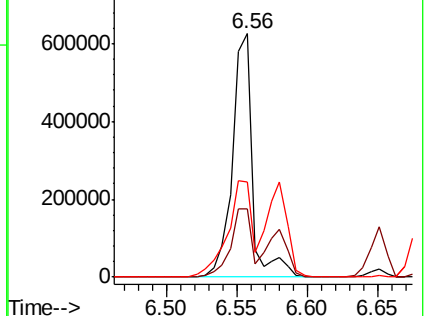
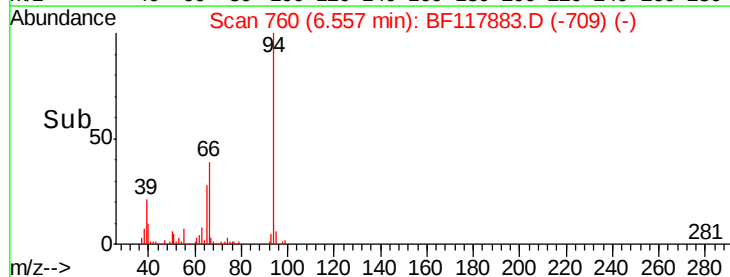
66 38.9 18.7 58.7

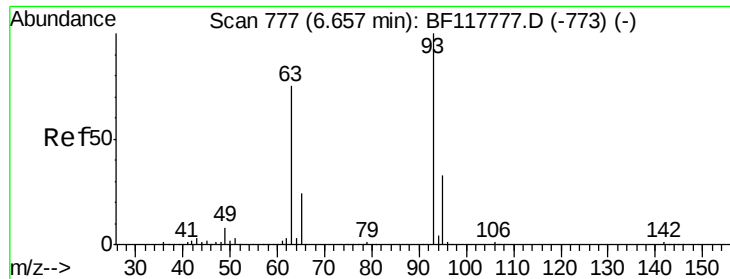


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

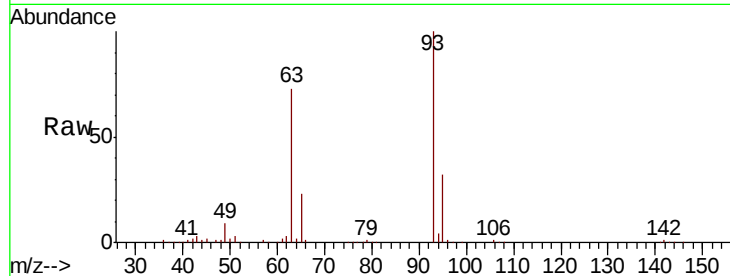




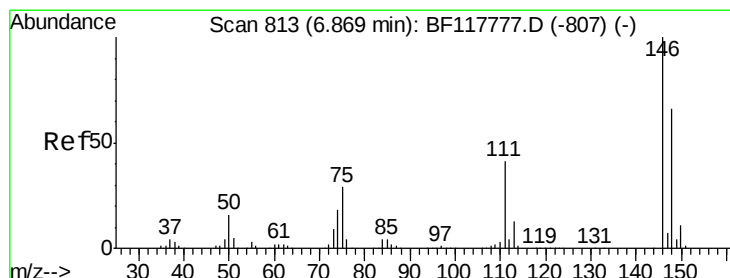
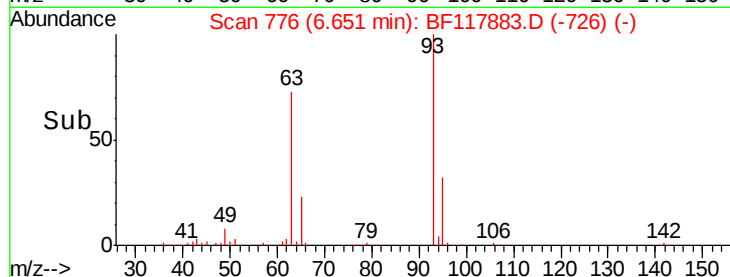
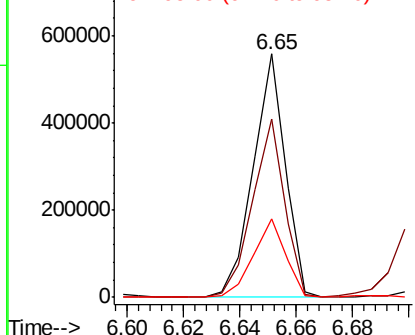
#11
bis(2-Chloroethyl)ether
Concen: 38.288 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	54.8	94.8
95	32.4	12.7	52.7

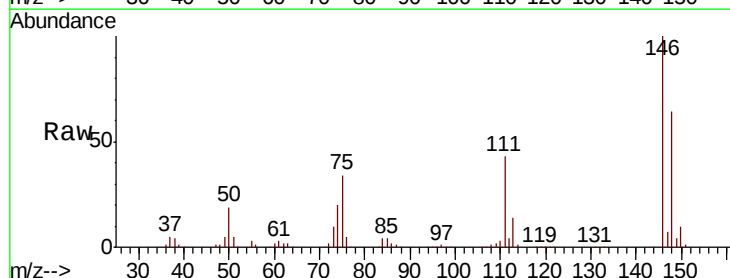


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

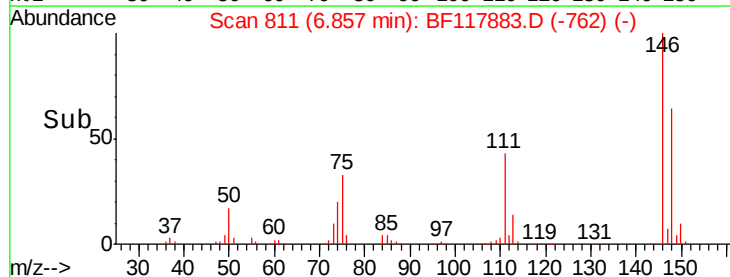
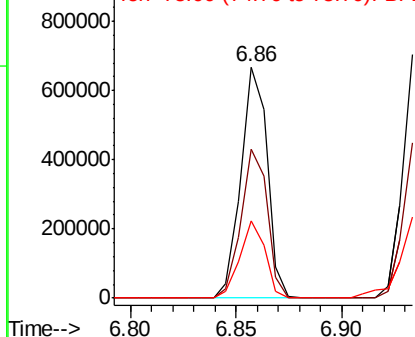


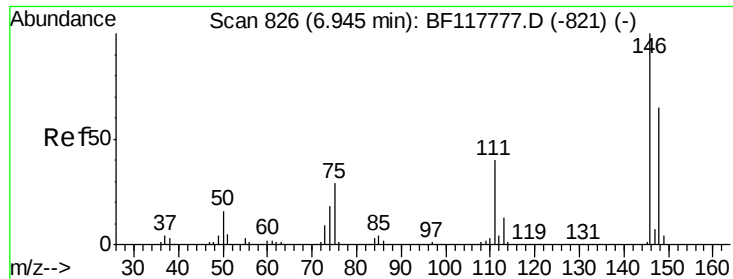
#12
1,3-Dichlorobenzene
Concen: 39.662 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.8	79.2
75	33.5	23.4	35.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

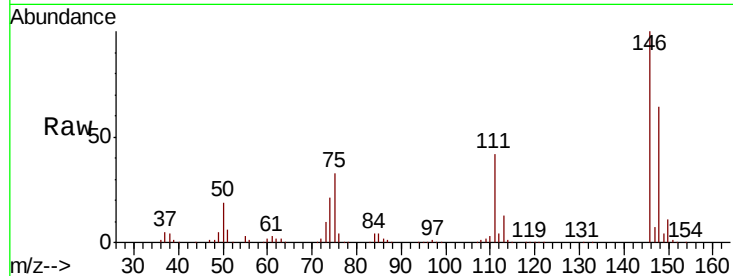




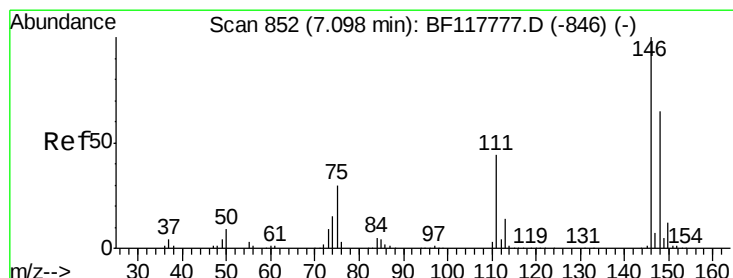
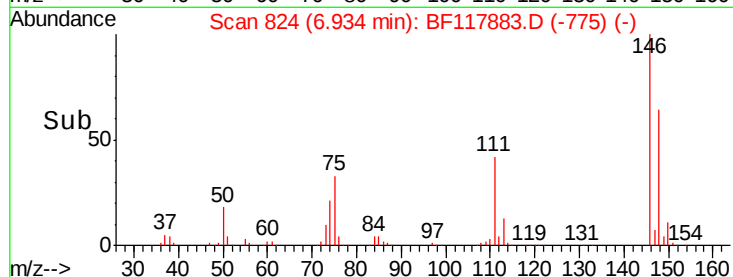
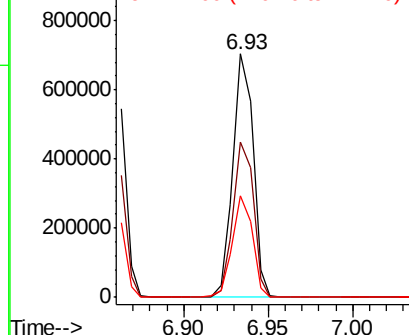
#13
 1,4-Dichlorobenzene
 Concen: 39.975 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 587344
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.3 78.5
 111 42.0 32.2 48.4

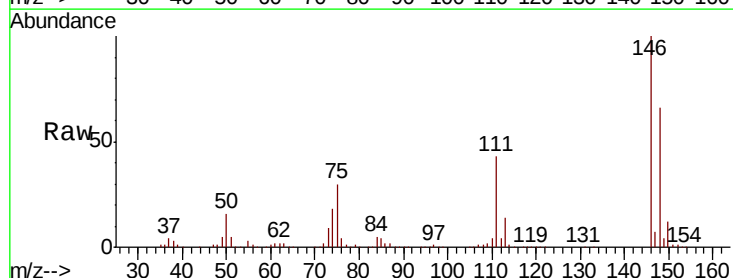


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

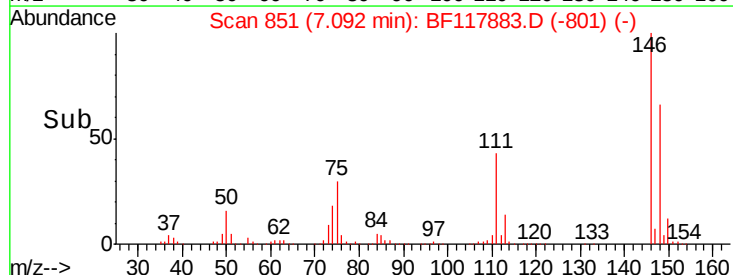
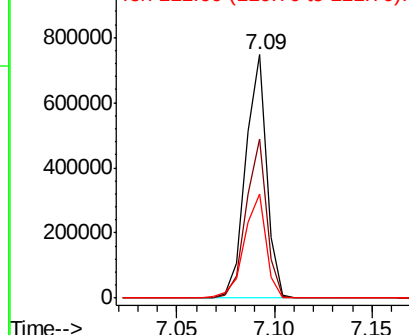


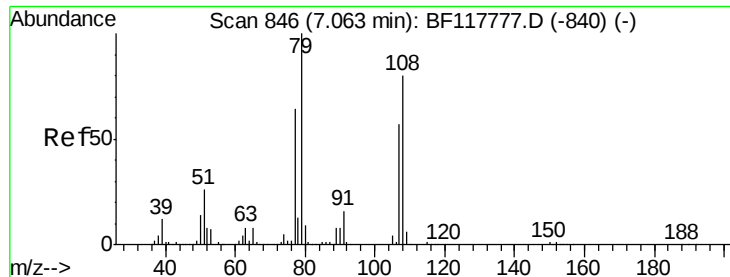
#14
 1,2-Dichlorobenzene
 Concen: 39.606 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

Tgt Ion:146 Resp: 556546
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.8 77.8
 111 42.6 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.935 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampled :

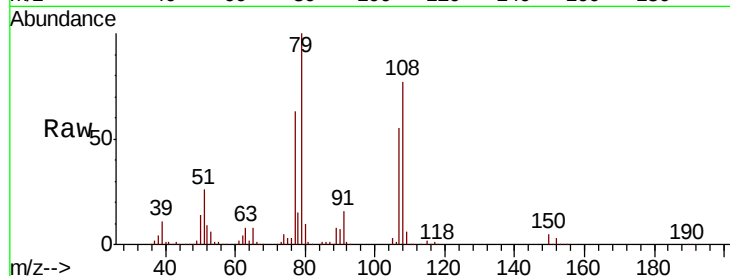
Tot Ion: 79 Resp: 444344

Ion Ratio Lower Upper

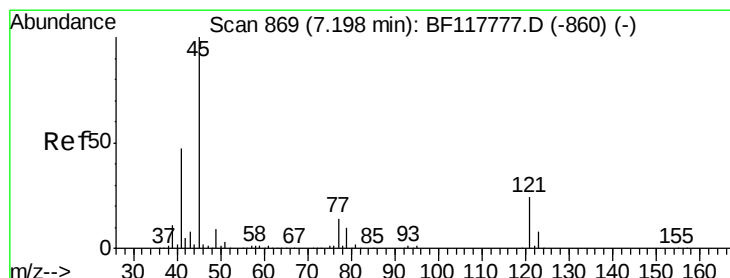
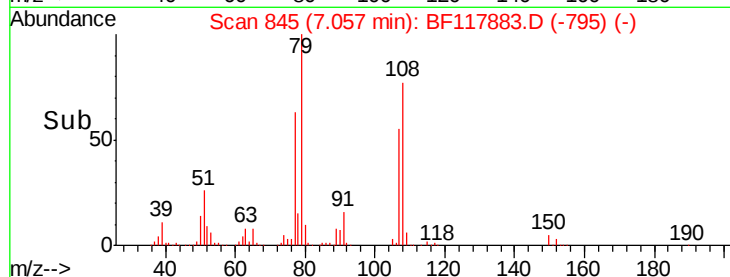
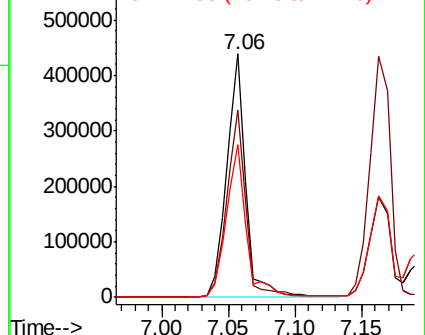
79 100

108 77.0 64.1 96.1

77 62.6 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.330 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

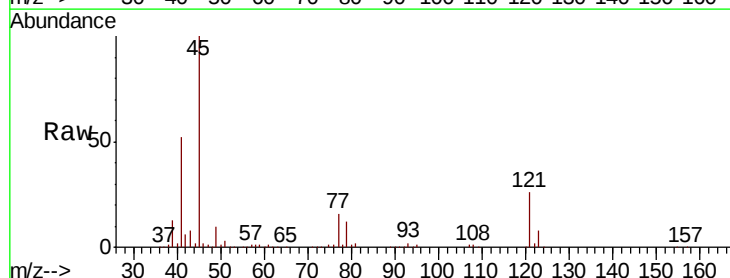
Tgt Ion: 45 Resp: 622962

Ion Ratio Lower Upper

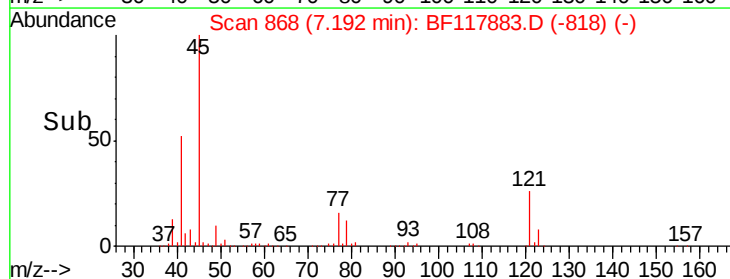
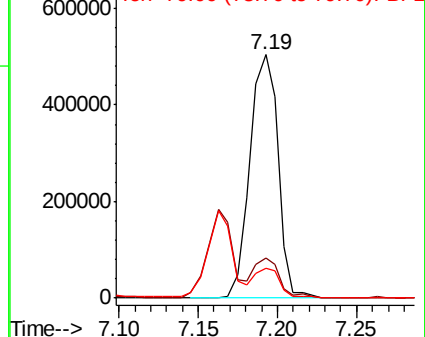
45 100

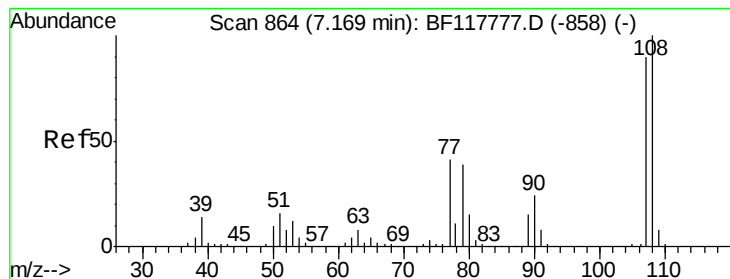
77 16.3 0.0 35.0

79 12.1 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.499 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 402537

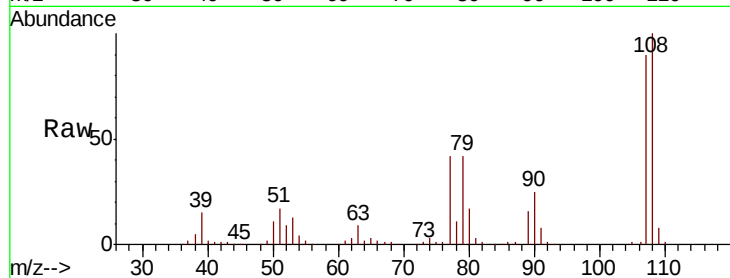
Ion Ratio Lower Upper

107 100

108 111.7 89.1 133.7

77 47.1 36.6 54.8

79 46.8 35.2 52.8

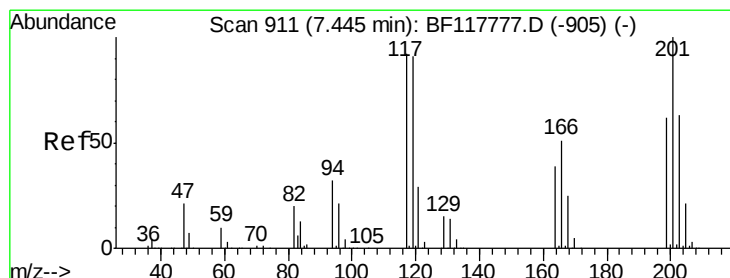
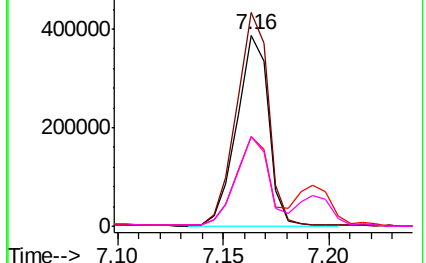
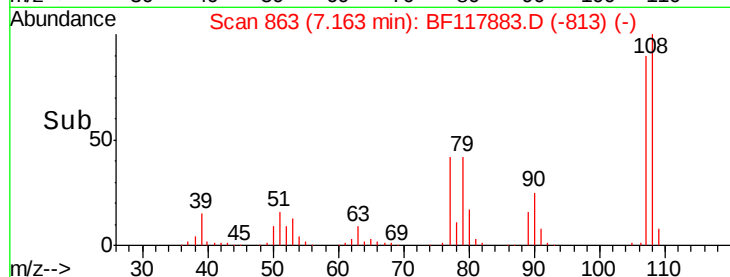


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.053 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

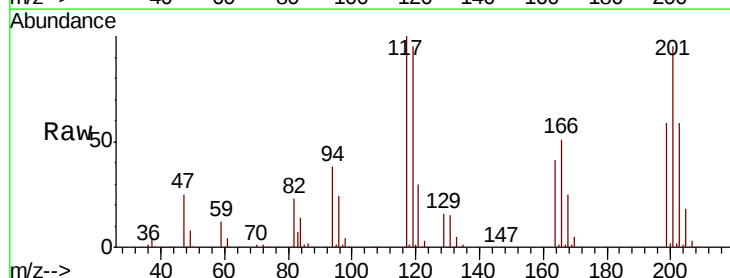
Tgt Ion:117 Resp: 216184

Ion Ratio Lower Upper

117 100

119 94.8 78.7 118.1

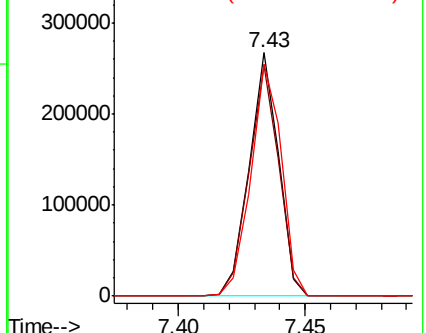
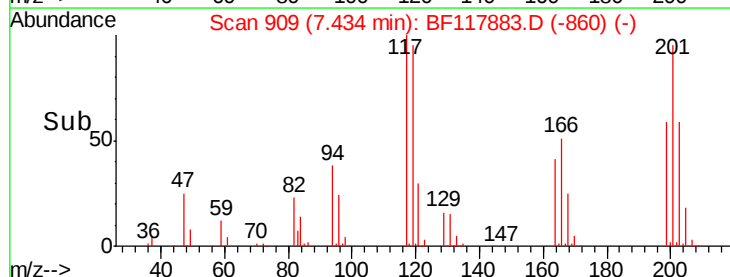
201 95.2 86.5 129.7

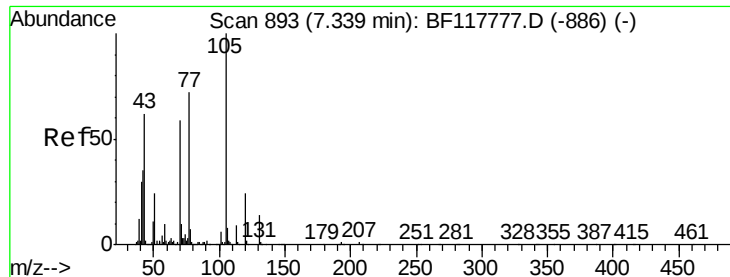


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

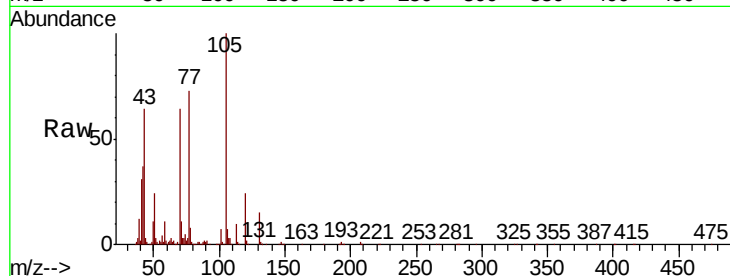




#19
n-Nitroso-di-n-propylamine
Concen: 40.160 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	340028
Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.4	71.2
101	10.3	8.4	12.6
130	23.5	18.8	28.2



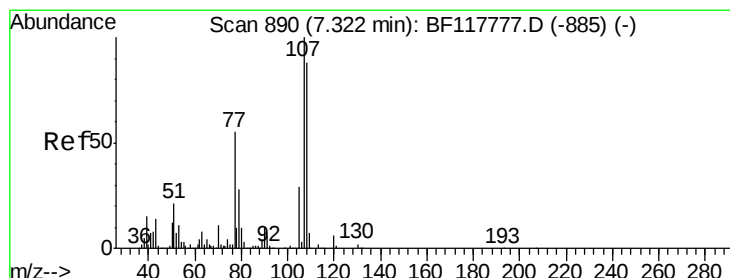
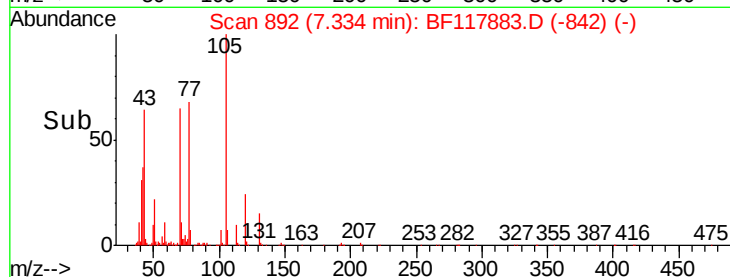
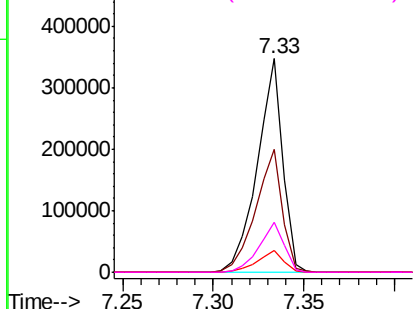
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

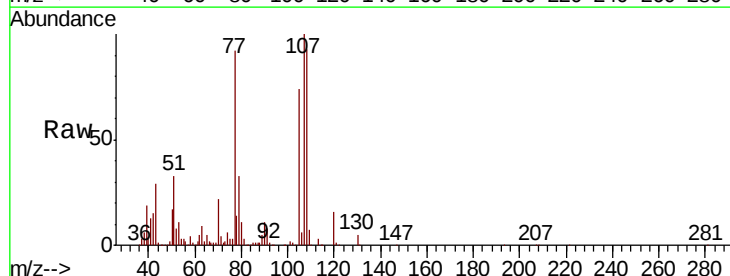
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.951 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion:	107	Resp:	518528
Ion	Ratio	Lower	Upper
107	100		
108	92.6	68.4	108.4
77	92.2	35.2	75.2#
79	32.8	8.6	48.6



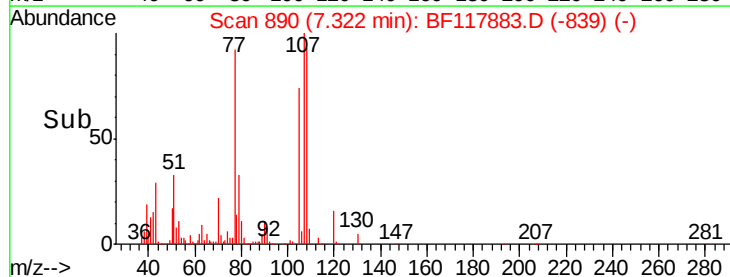
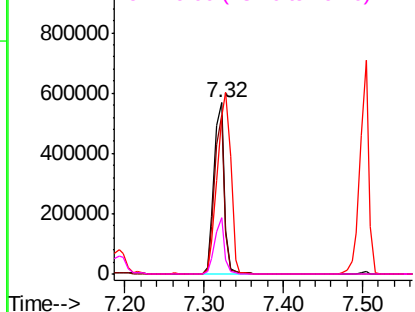
Abundance

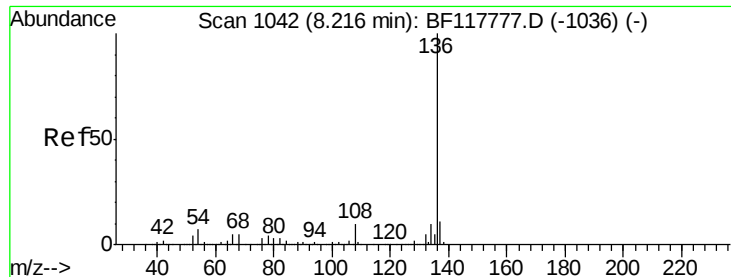
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 757251

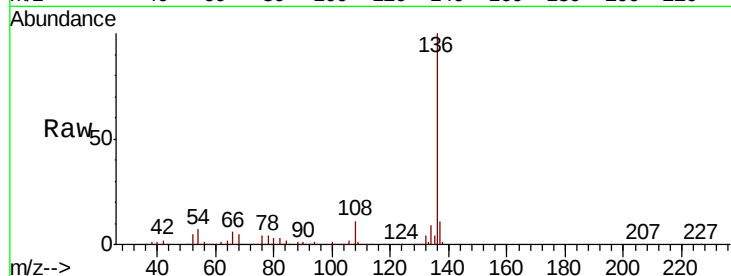
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.1 5.4 8.2

68 5.1 4.3 6.5

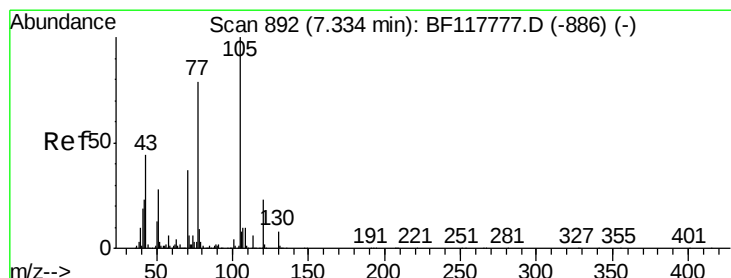
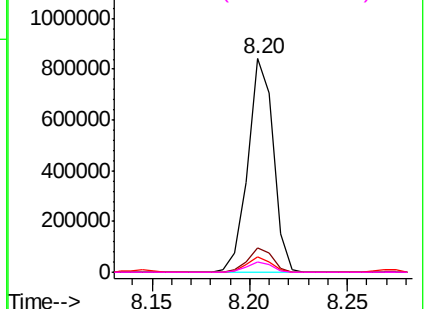
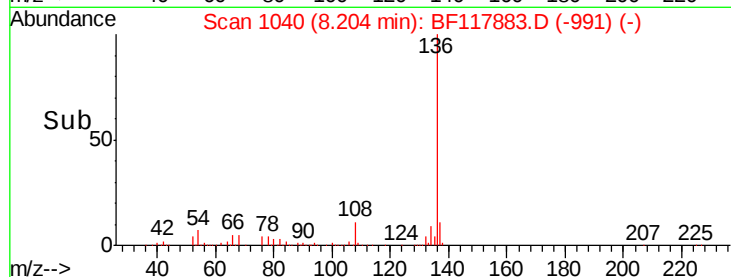


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.387 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Tgt Ion:105 Resp: 704123

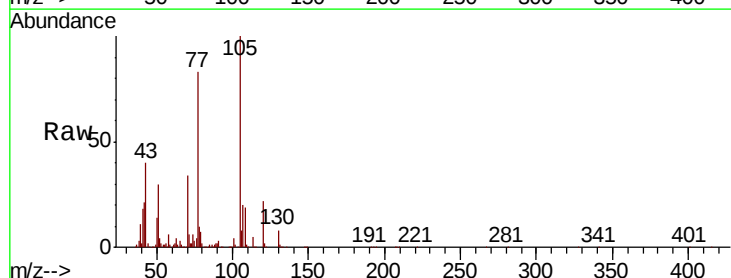
Ion Ratio Lower Upper

105 100

71 5.8 4.9 7.3

51 29.7 22.7 34.1

120 22.5 18.5 27.7

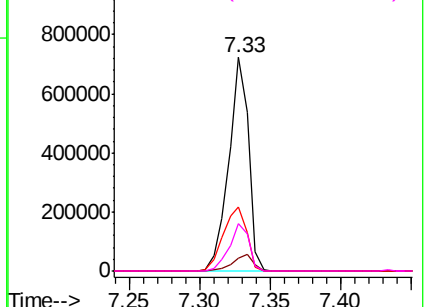
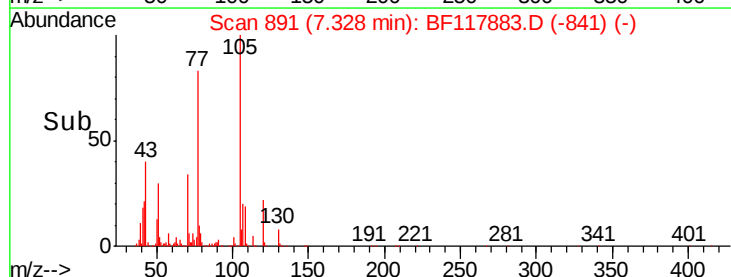


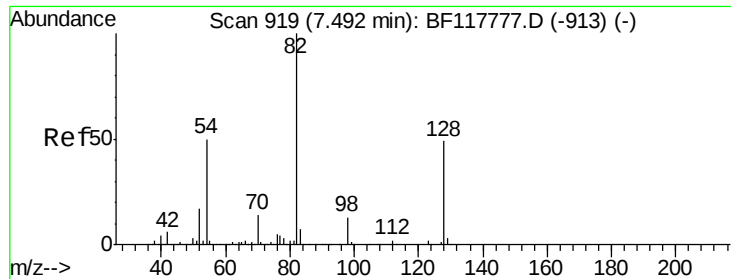
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

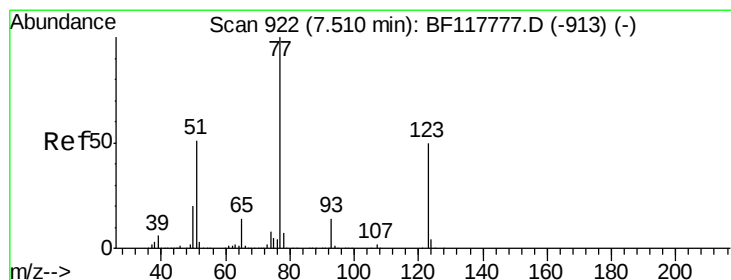
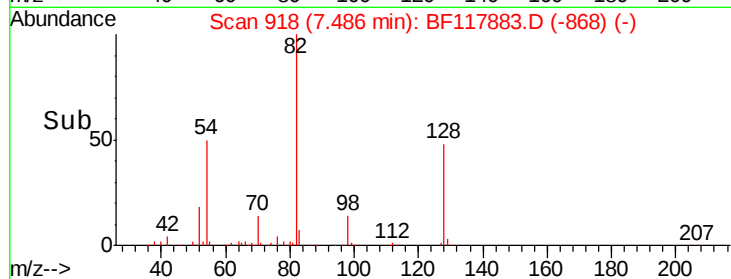
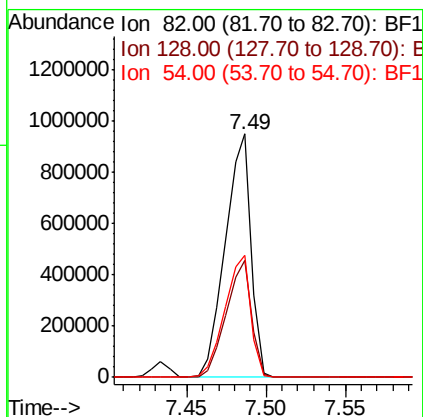
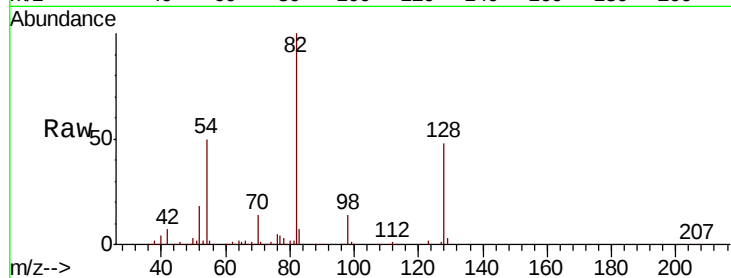




#23
 Nitrobenzene-d5
 Concen: 83.724 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

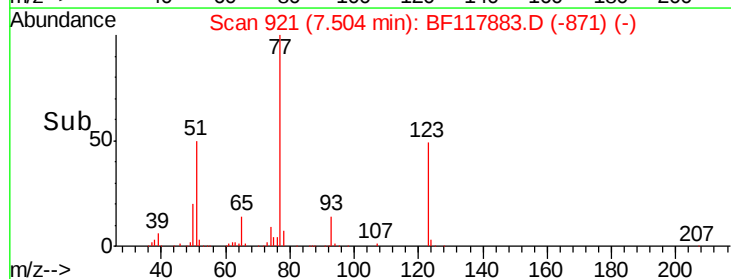
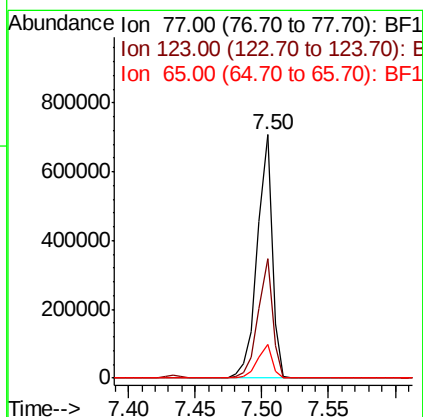
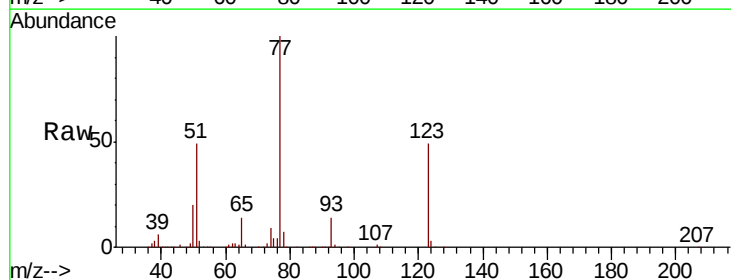
Instrument :
 BNA_F
 ClientSampleId :

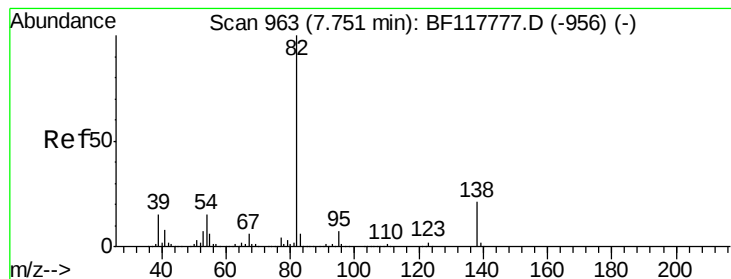
Tot Ion: 82 Resp: 1066520
 Ion Ratio Lower Upper
 82 100
 128 47.9 38.9 58.3
 54 50.1 39.8 59.6



#24
 Nitrobenzene
 Concen: 40.927 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

Tgt Ion: 77 Resp: 537833
 Ion Ratio Lower Upper
 77 100
 123 48.9 40.3 60.5
 65 13.7 10.9 16.3





#25

Isophorone

Concen: 39.107 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

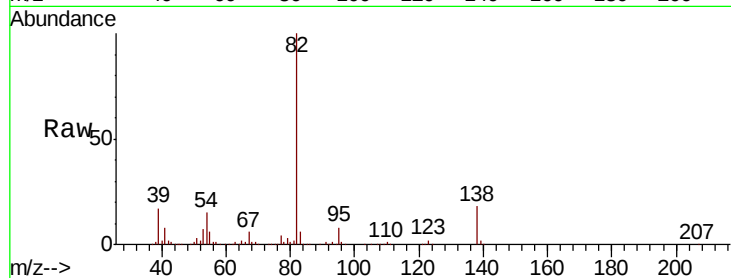
Tot Ion: 82 Resp: 913058

Ion Ratio Lower Upper

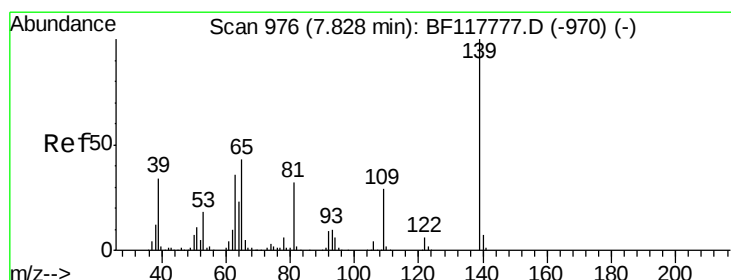
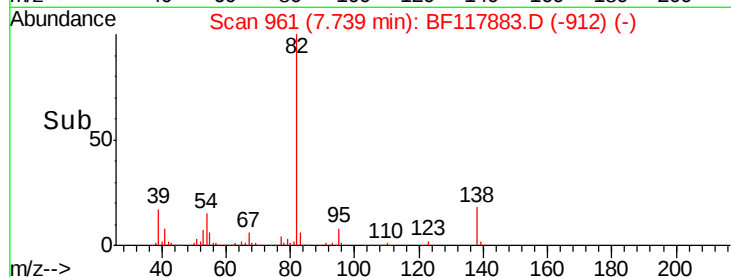
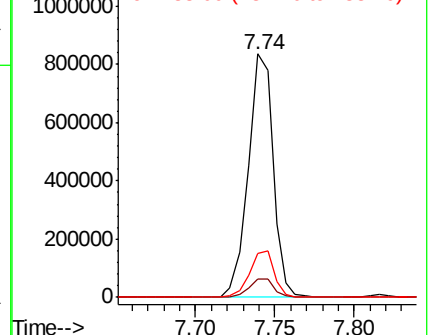
82 100

95 7.5 5.8 8.8

138 18.3 16.5 24.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.556 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

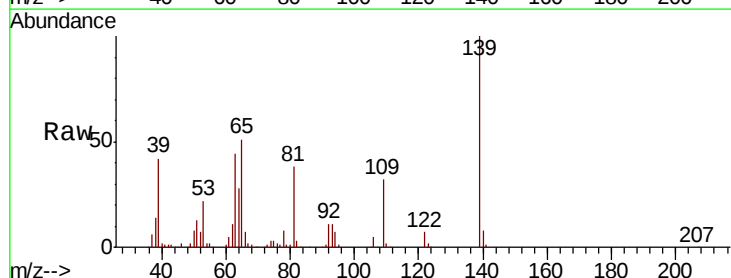
Tgt Ion: 139 Resp: 272203

Ion Ratio Lower Upper

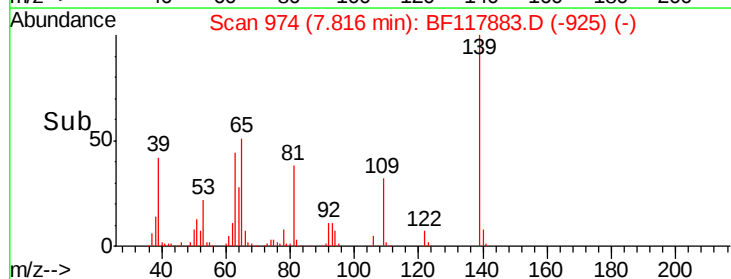
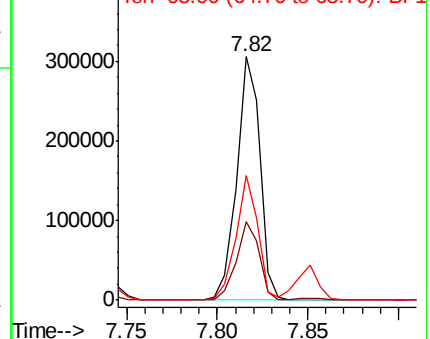
139 100

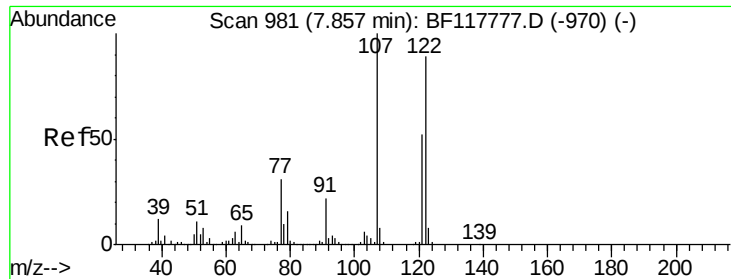
109 32.1 23.0 34.4

65 51.0 34.7 52.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

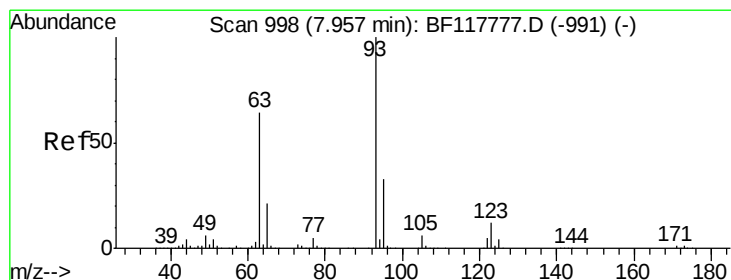
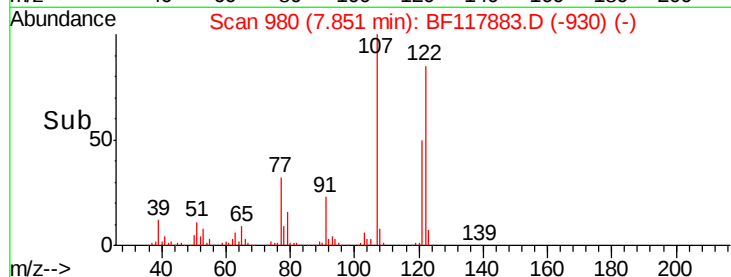
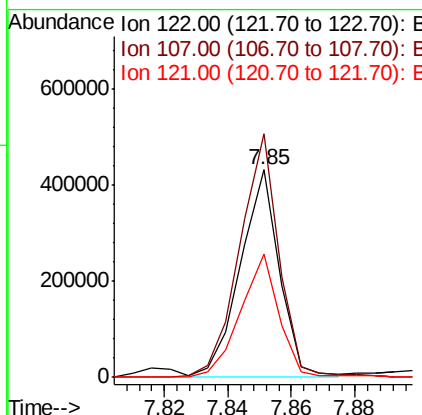
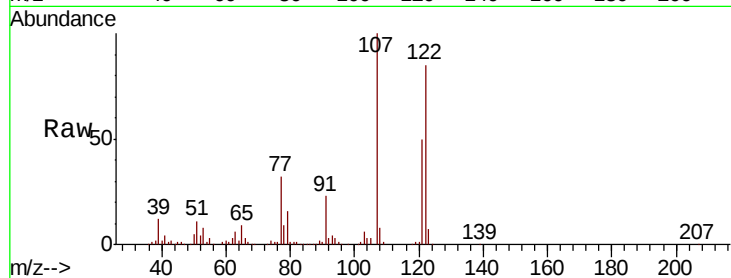




#27
 2,4-Dimethylphenol
 Concen: 37.227 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

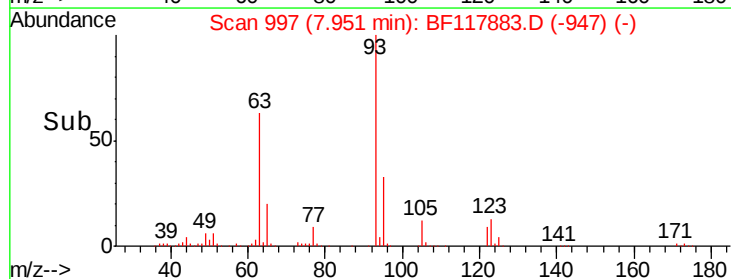
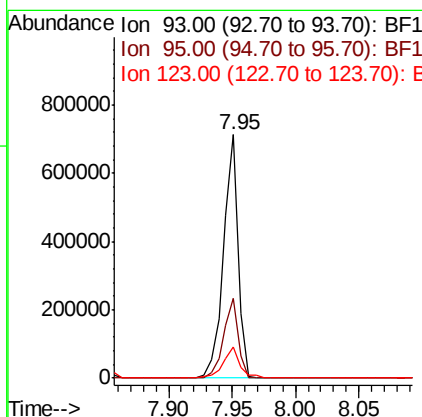
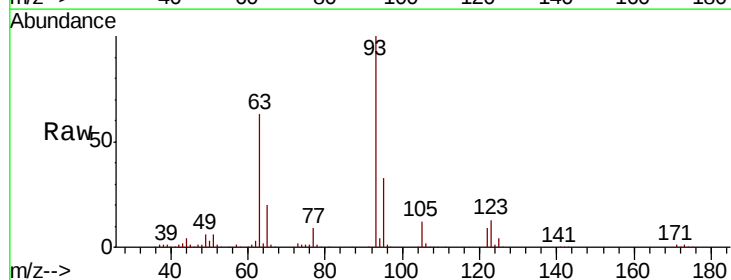
Instrument :
 BNA_F
 ClientSampleId :

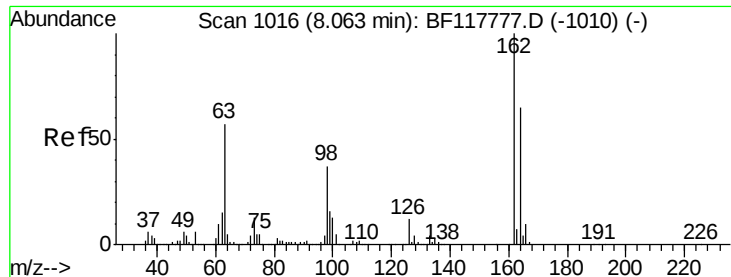
Tot Ion:122 Resp: 370006
 Ion Ratio Lower Upper
 122 100
 107 117.3 90.0 135.0
 121 59.2 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.816 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

Tgt Ion: 93 Resp: 575089
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.6 40.0
 123 12.8 10.3 15.5

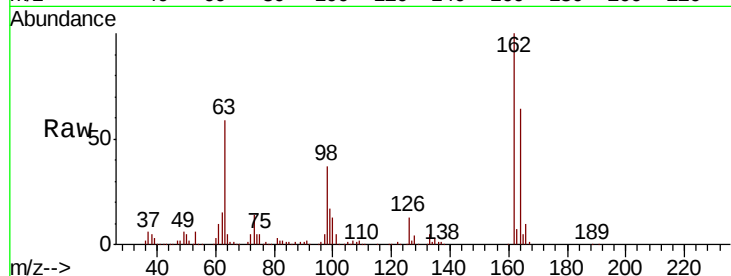




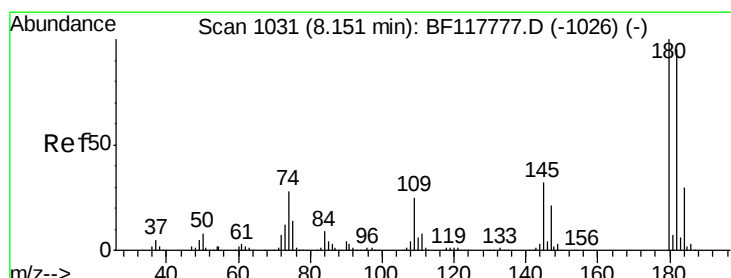
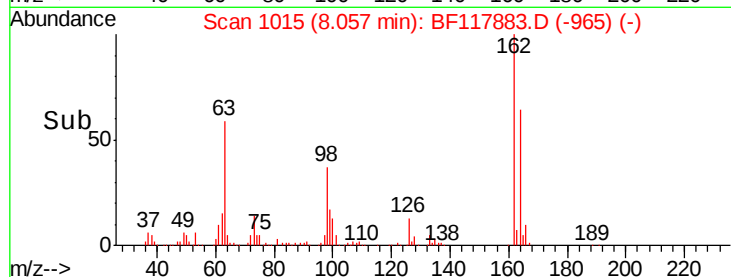
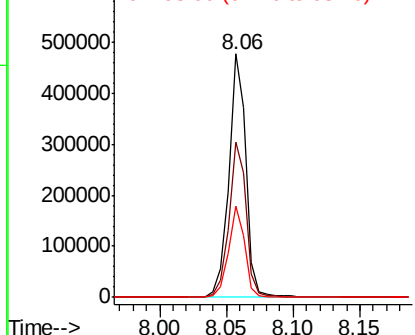
#29
2,4-Dichlorophenol
Concen: 39.934 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 430528
Ion Ratio Lower Upper
162 100
164 63.9 45.1 85.1
98 37.4 17.2 57.2

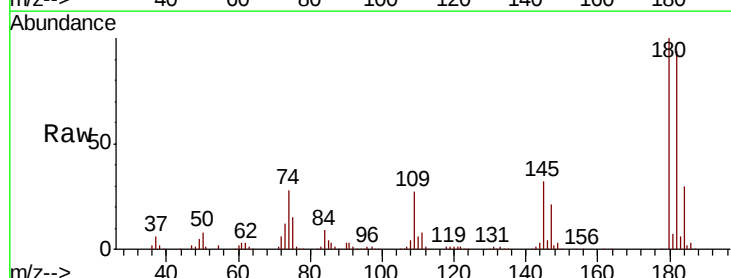


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

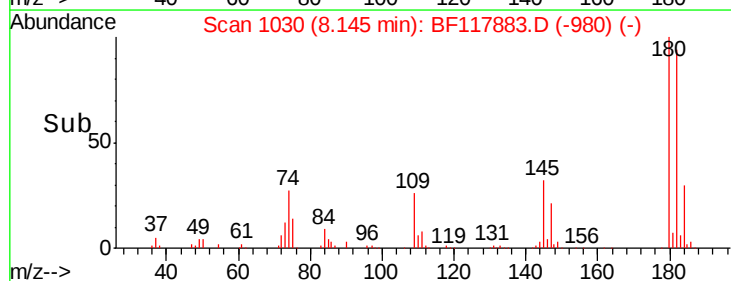
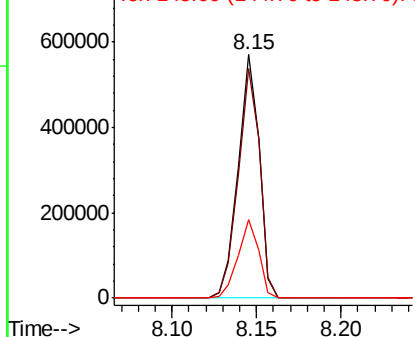


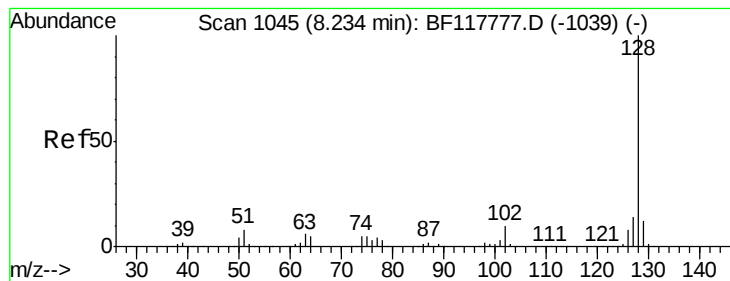
#30
1,2,4-Trichlorobenzene
Concen: 39.603 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion:180 Resp: 495249
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.6
145 32.5 25.5 38.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.306 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

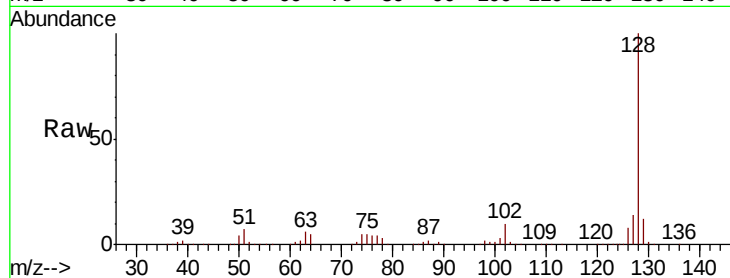
Tot Ion:128 Resp: 1458180

Ion Ratio Lower Upper

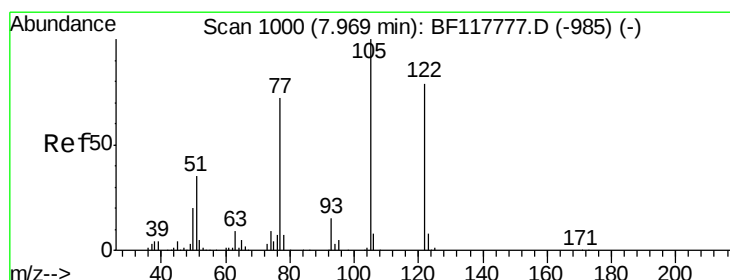
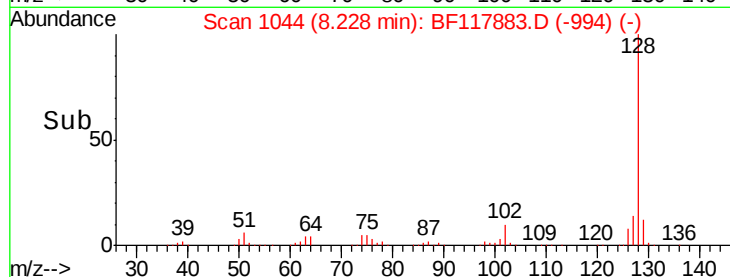
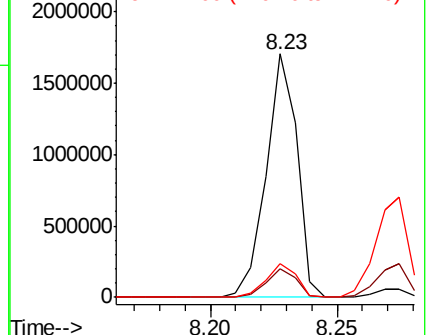
128 100

129 11.6 9.5 14.3

127 13.7 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.406 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

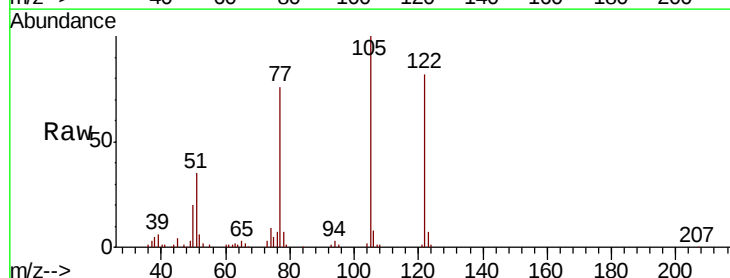
Tgt Ion:122 Resp: 278007

Ion Ratio Lower Upper

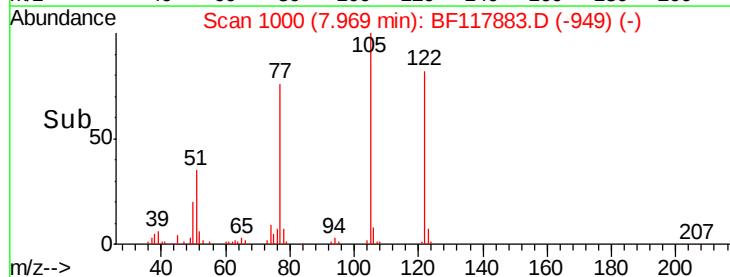
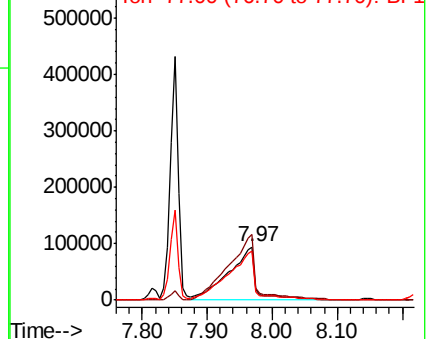
122 100

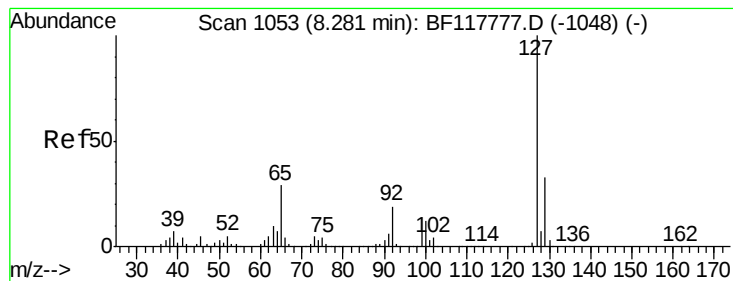
105 122.2 102.7 142.7

77 92.3 70.5 110.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 40.115 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 633978

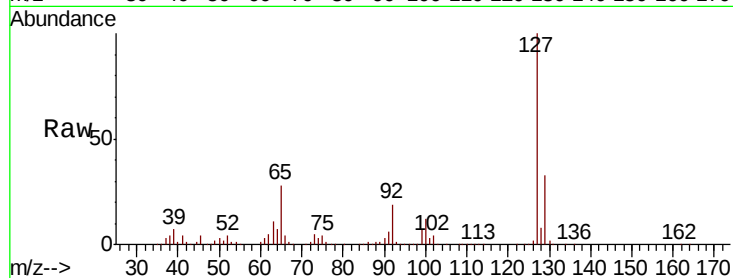
Ion Ratio Lower Upper

127 100

129 33.1 26.5 39.7

65 28.2 22.9 34.3

92 18.6 15.0 22.6

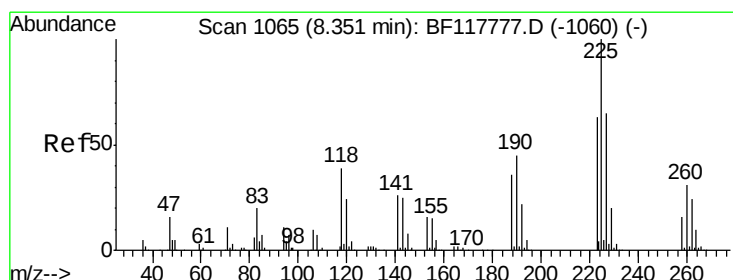
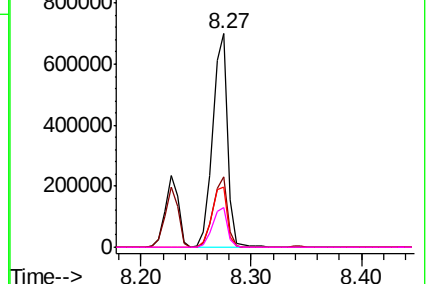
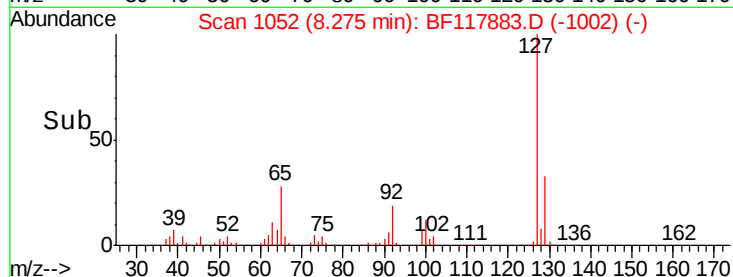


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.543 ng

RT: 8.35 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

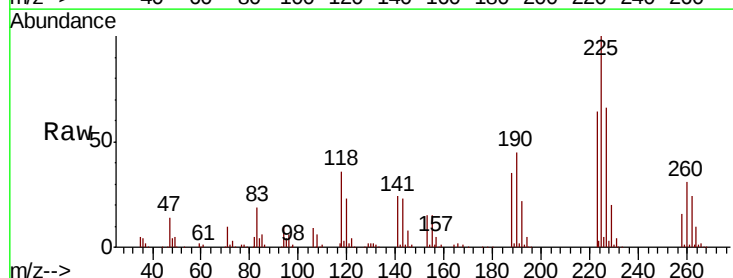
Tgt Ion:225 Resp: 296430

Ion Ratio Lower Upper

225 100

223 64.0 50.0 75.0

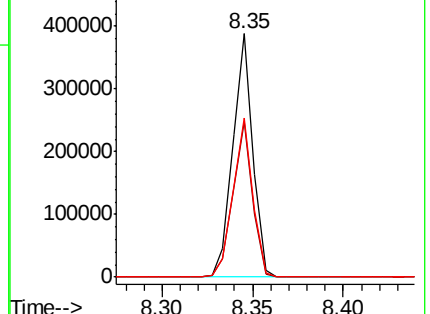
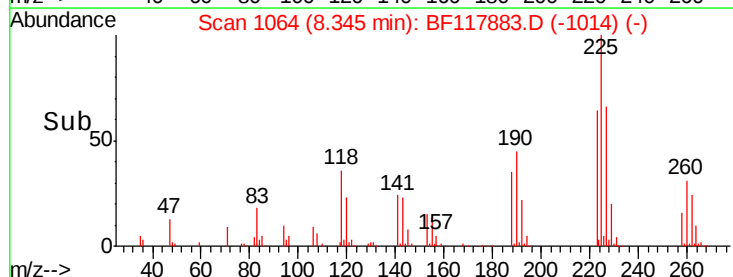
227 65.6 51.8 77.6

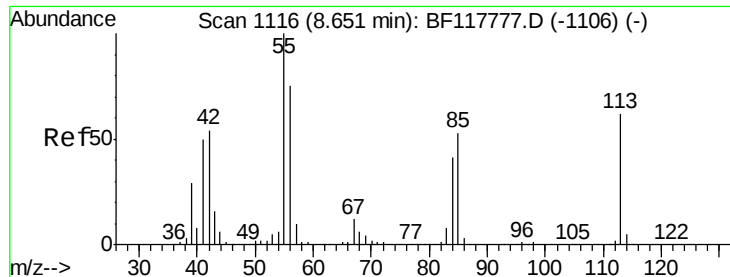


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

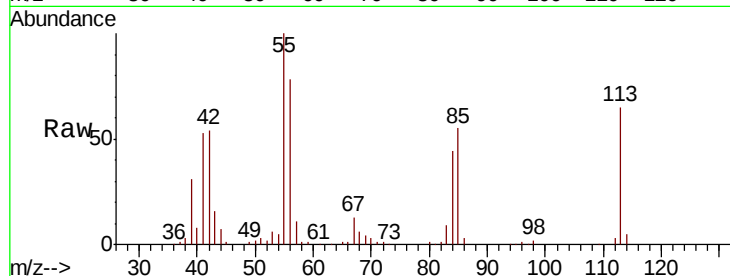




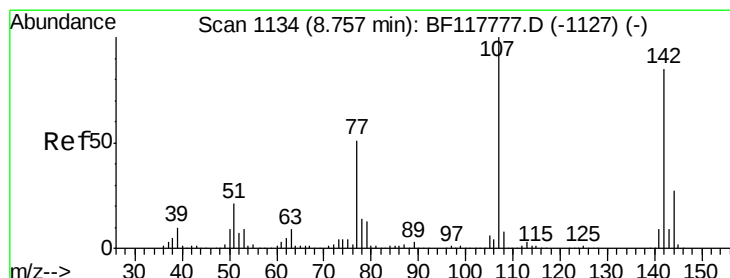
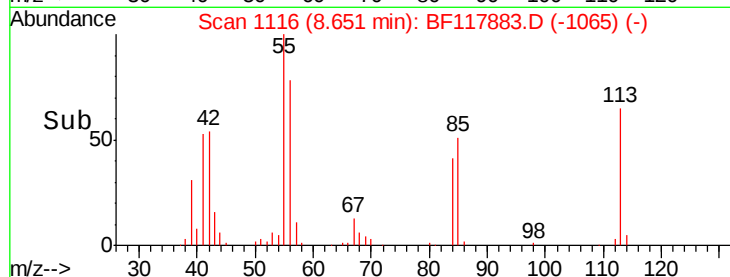
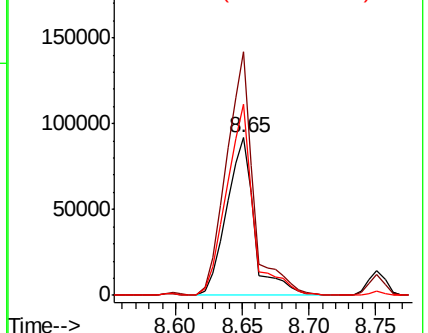
#35
 Caprolactam
 Concen: 39.187 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 134269
 Ion Ratio Lower Upper
 113 100
 55 154.3 141.1 181.1
 56 120.9 100.5 140.5

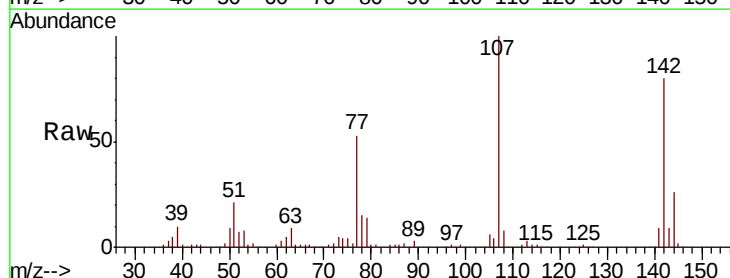


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

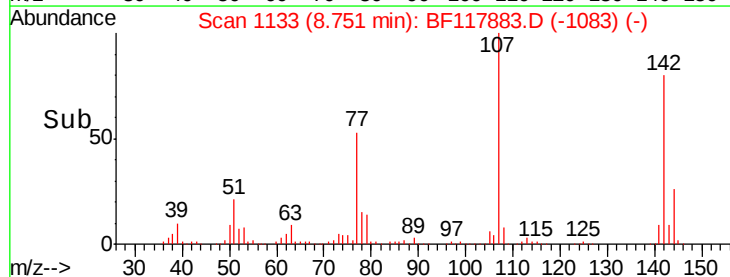
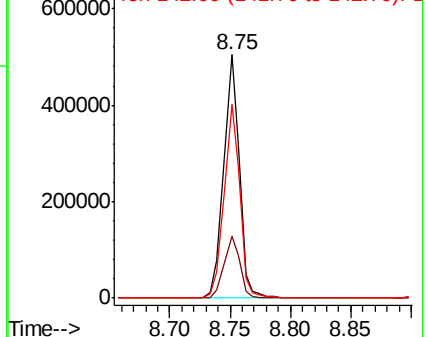


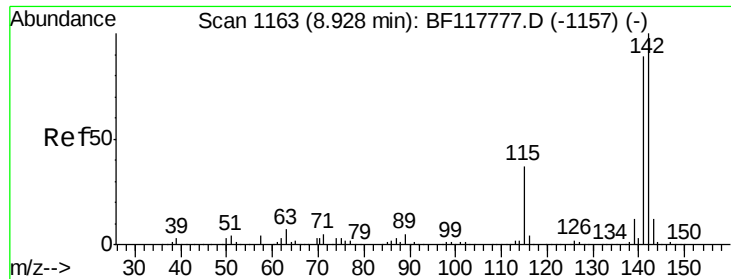
#36
 4-Chloro-3-methylphenol
 Concen: 41.485 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

Tgt Ion:107 Resp: 453900
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.9 32.9
 142 79.7 67.7 101.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

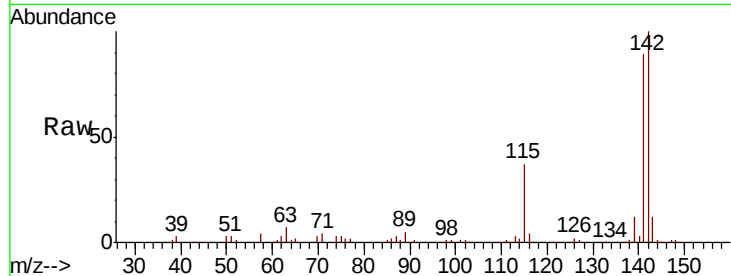




#37
2-Methylnaphthalene
Concen: 41.284 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.1	106.7
115	37.2	29.2	43.8

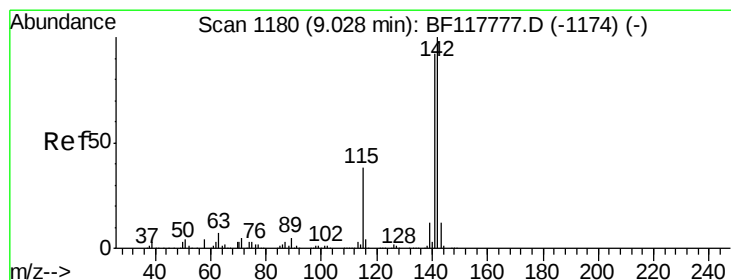
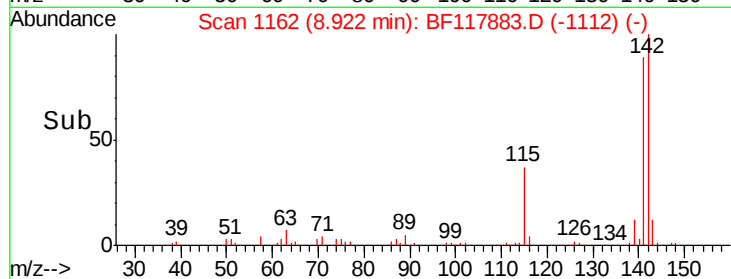
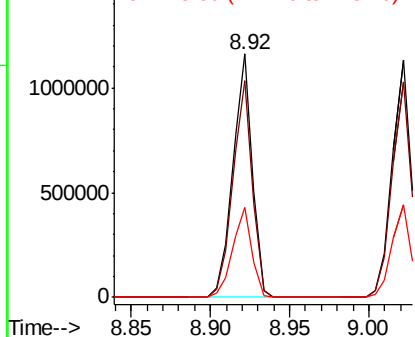


Abundance

Ion 142.00 (141.70 to 142.70): E

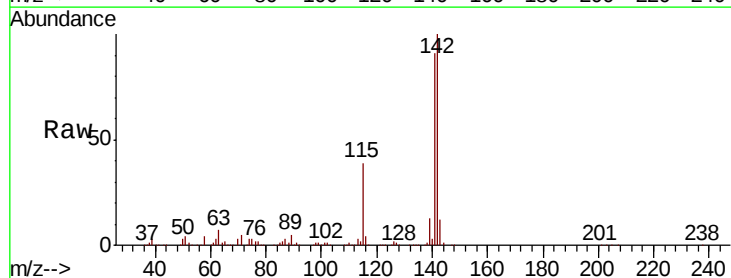
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.314 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.5	110.3
116	4.1	3.2	4.8

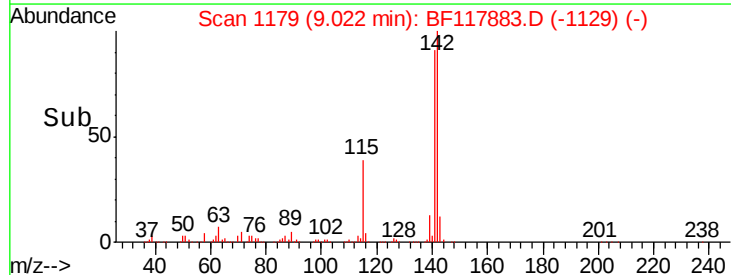
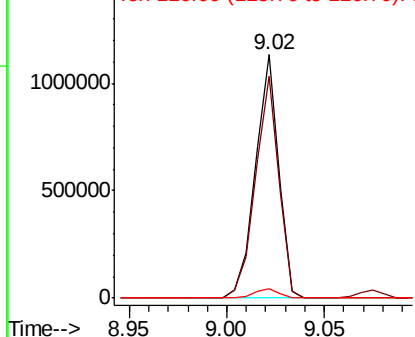


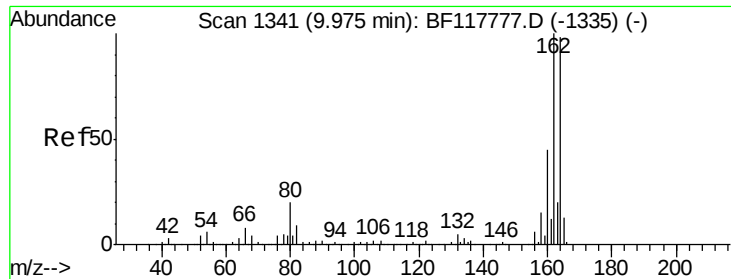
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

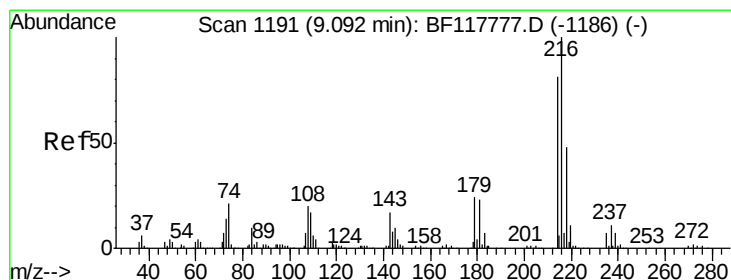
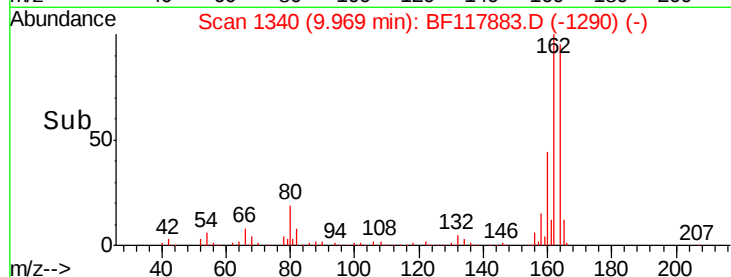
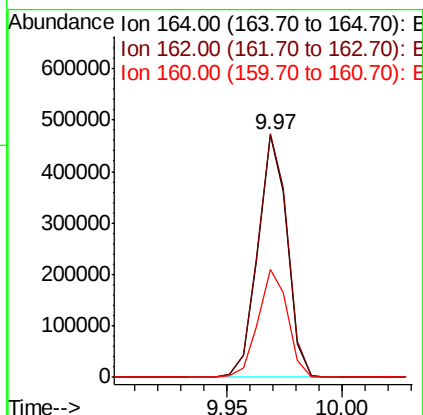
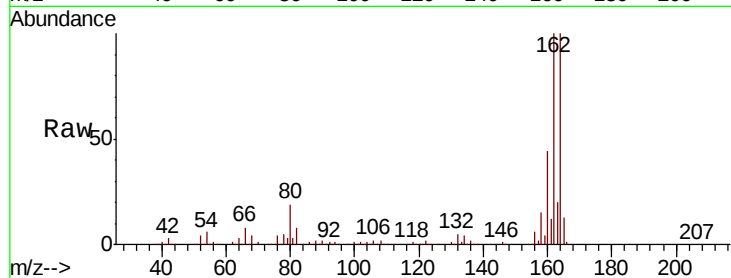




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

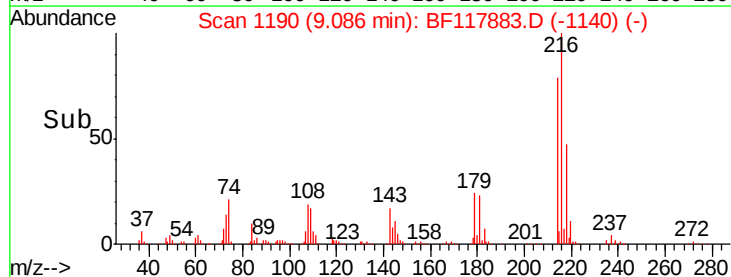
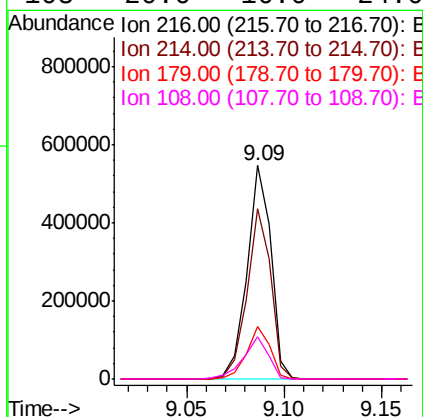
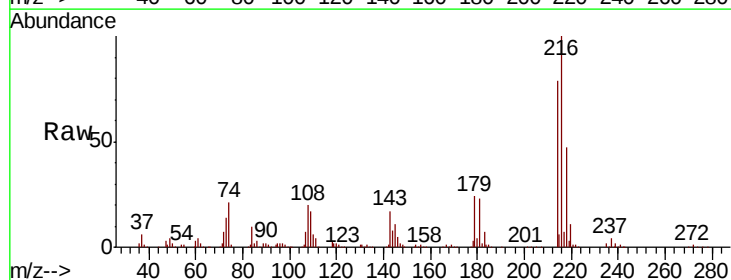
Instrument :
BNA_F
ClientSampleId :

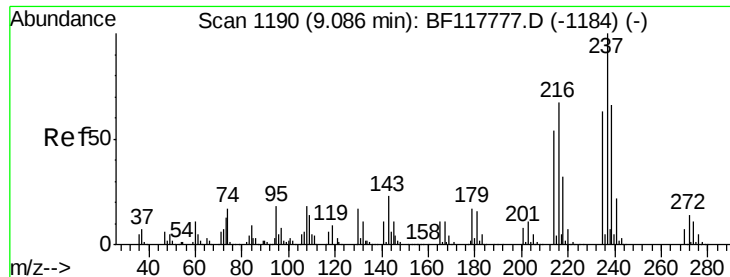
Tot Ion:164 Resp: 414600
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 44.4 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.419 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion:216 Resp: 462577
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 23.8 18.2 27.4
108 20.6 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 37.076 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

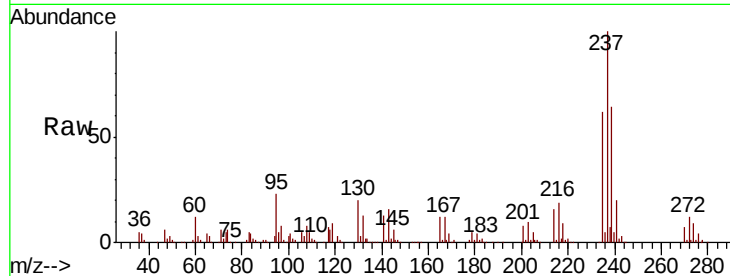
Tot Ion:237 Resp: 250170

Ion Ratio Lower Upper

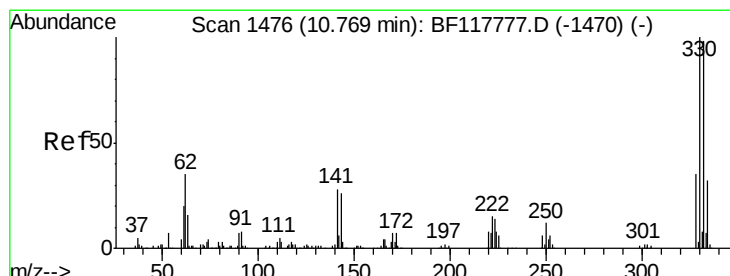
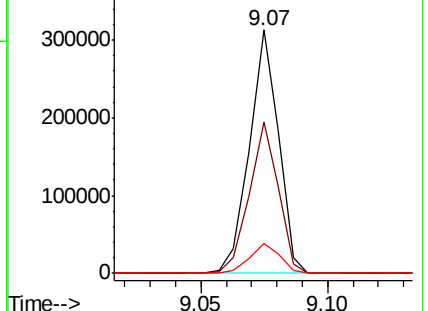
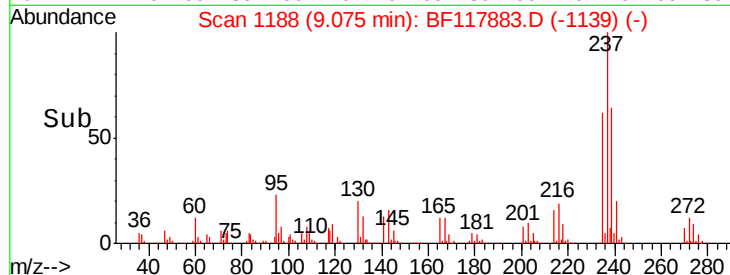
237 100

235 62.4 42.6 82.6

272 12.0 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.985 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

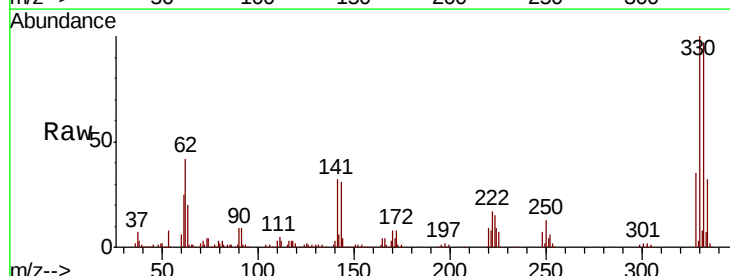
Tgt Ion:330 Resp: 355471

Ion Ratio Lower Upper

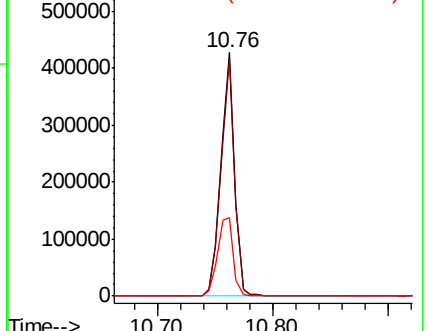
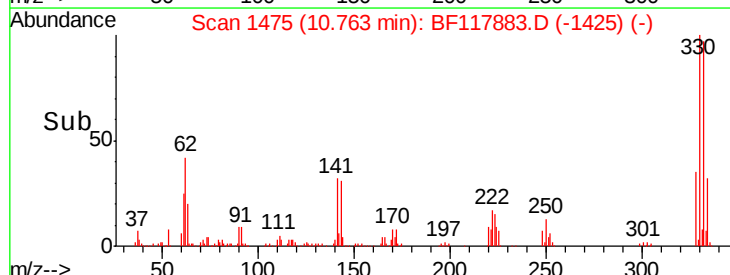
330 100

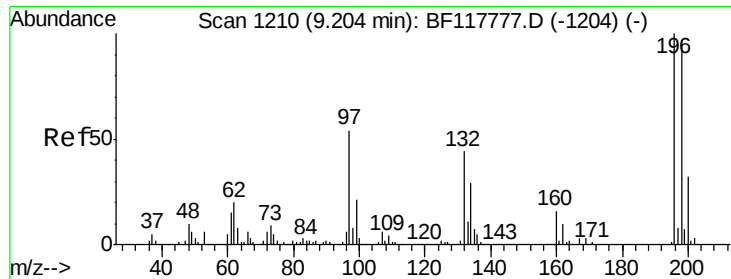
332 96.4 76.7 115.1

141 36.4 27.7 41.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

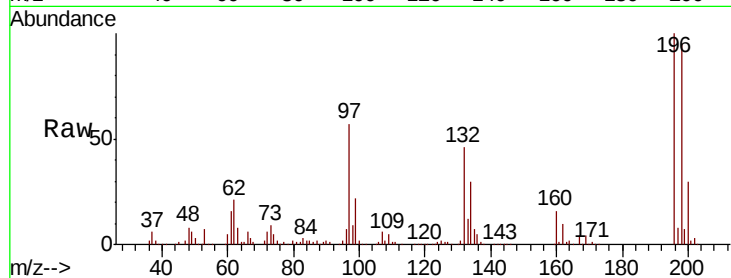




#43
 2,4,6-Trichlorophenol
 Concen: 38.125 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	328794
Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.8	116.6
200	30.3	25.4	38.0

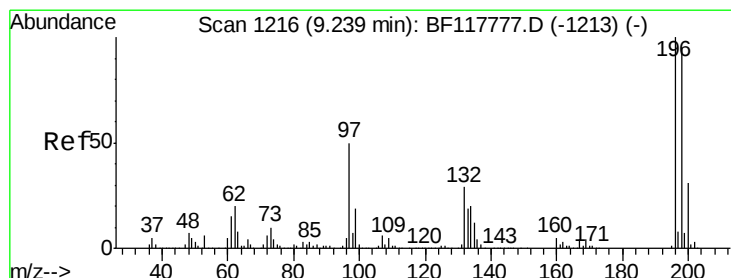
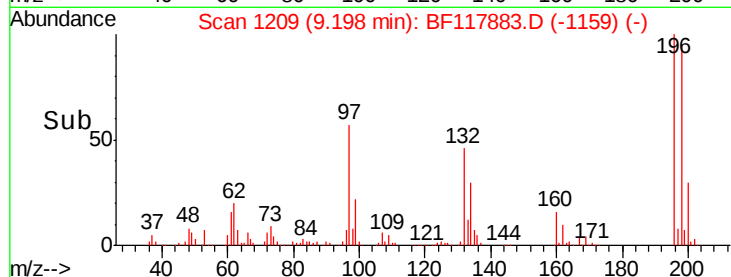
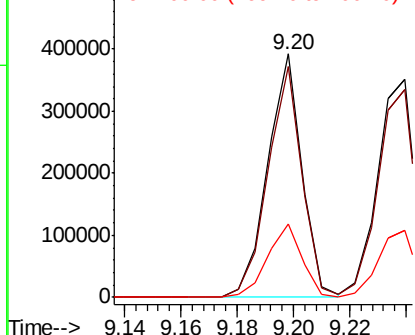


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.869 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

Tgt Ion	196	Resp	339085
Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.3	114.5
97	46.1	40.0	60.0
132	27.9	23.6	35.4

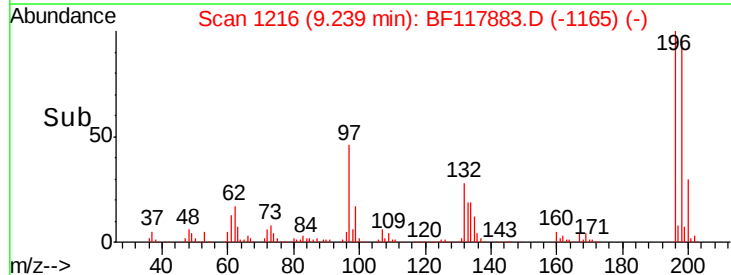
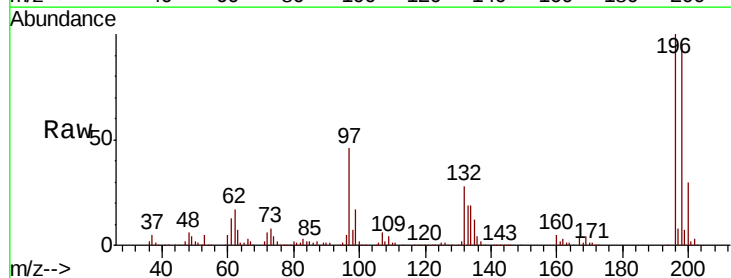
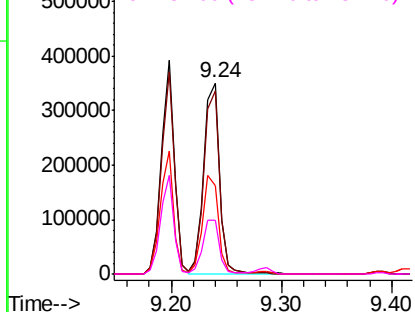
Abundance

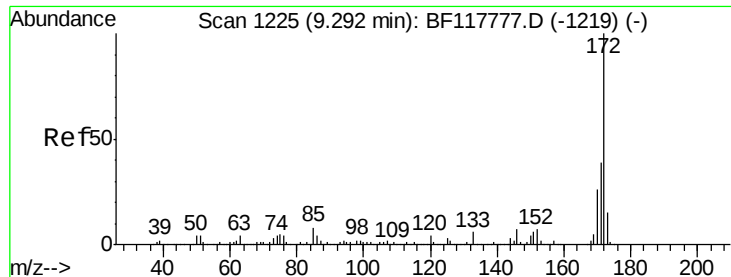
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

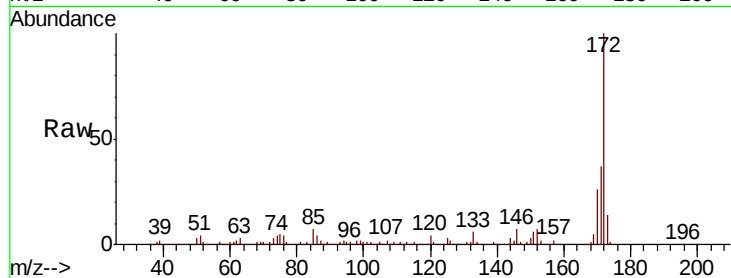




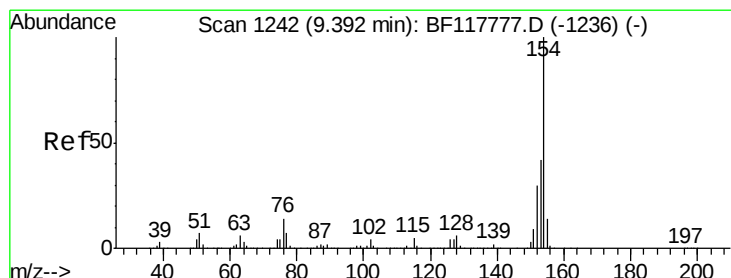
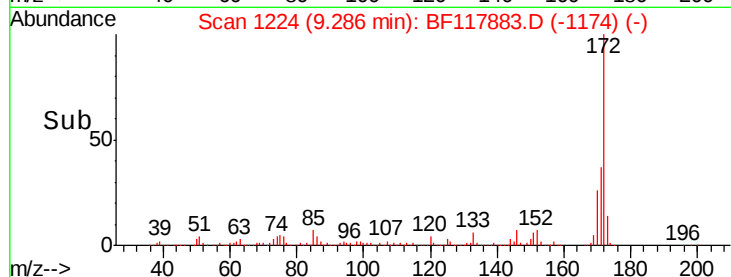
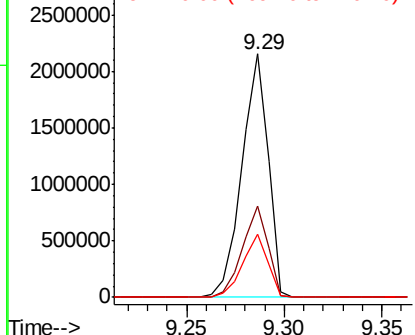
#45
2-Fluorobiphenyl
Concen: 86.820 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2006396
Ion Ratio Lower Upper
172 100
171 37.4 30.9 46.3
170 25.7 21.0 31.4

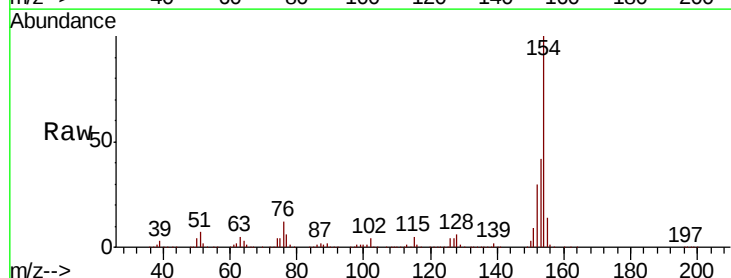


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

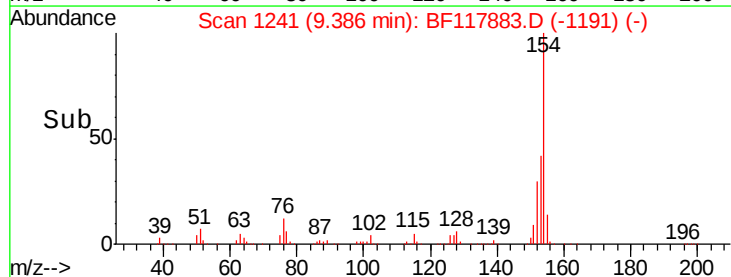
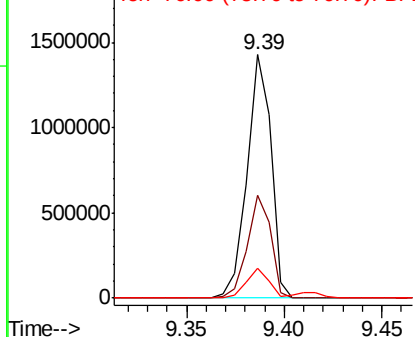


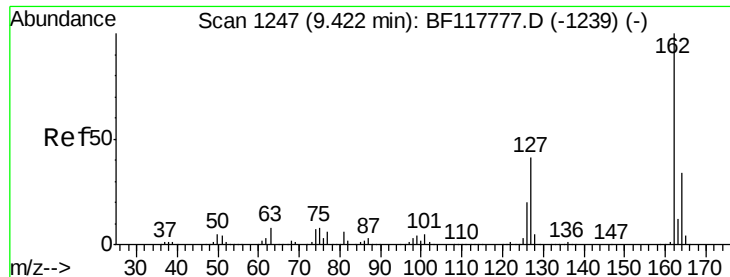
#46
1,1'-Biphenyl
Concen: 39.551 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion:154 Resp: 1216565
Ion Ratio Lower Upper
154 100
153 42.2 21.9 61.9
76 12.4 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

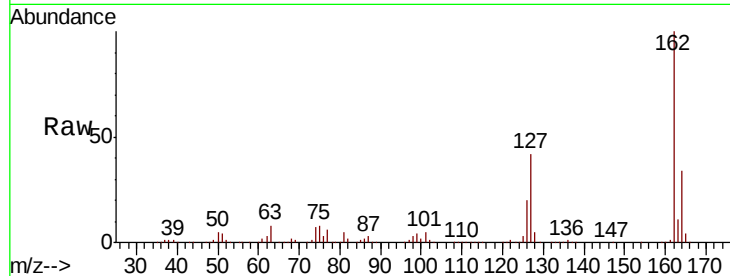




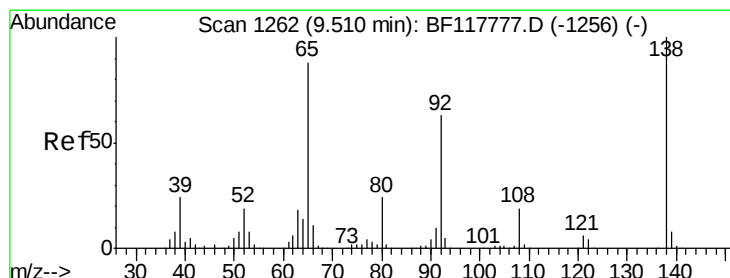
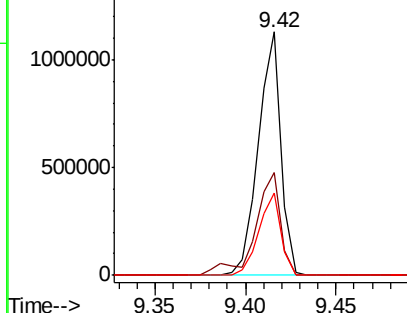
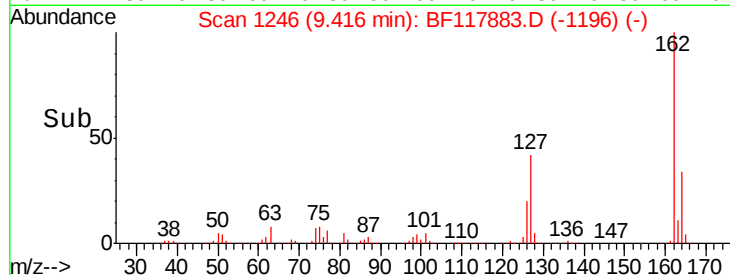
#47
2-Chloronaphthalene
Concen: 38.605 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.2	49.8
164	33.6	27.3	40.9

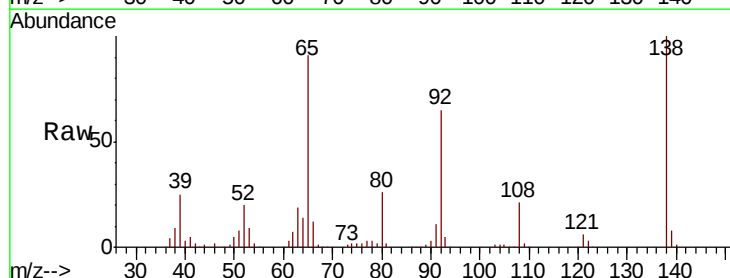


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

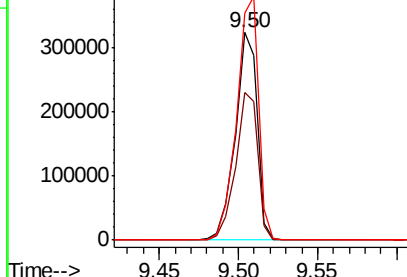
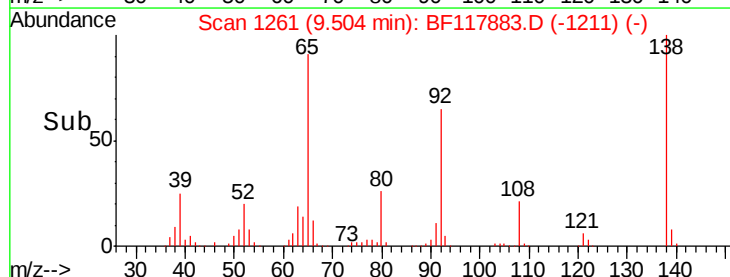


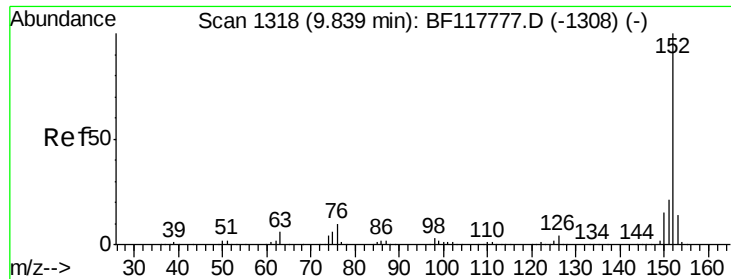
#48
2-Nitroaniline
Concen: 40.589 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	56.6	84.8
138	109.6	90.5	135.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.726 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

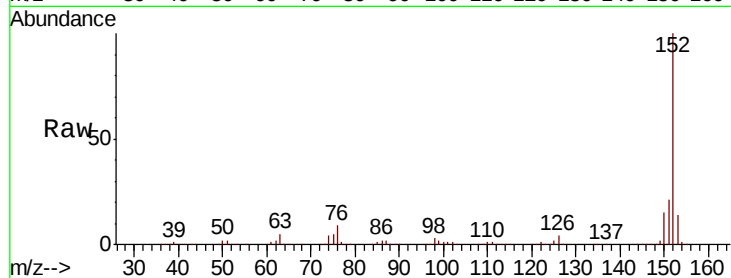
Tot Ion:152 Resp: 1465598

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.6

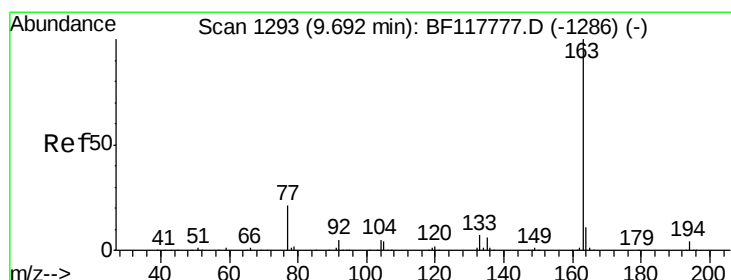
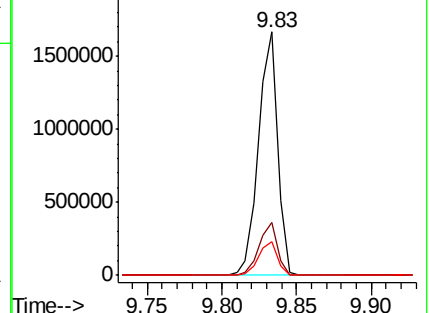
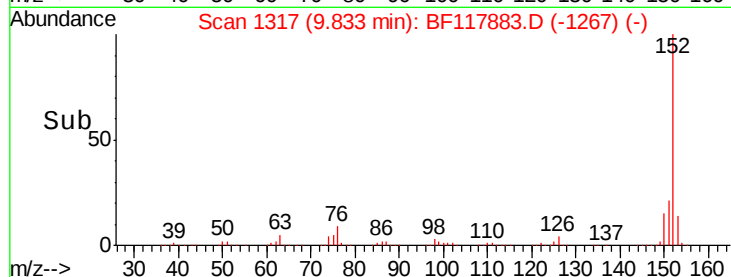
153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.186 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

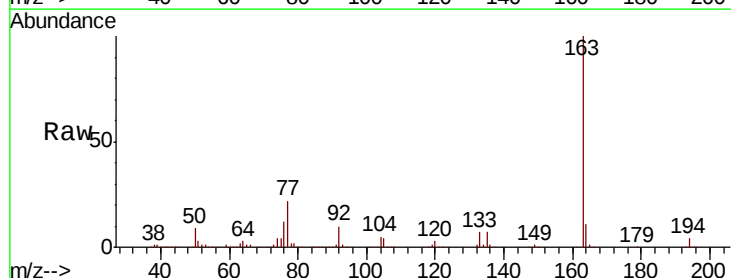
Tgt Ion:163 Resp: 1139270

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

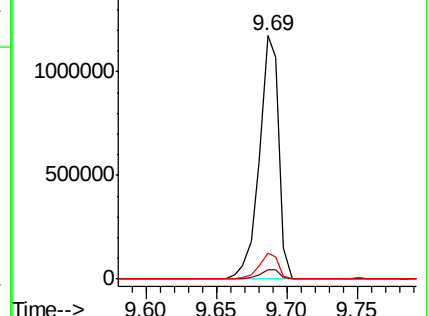
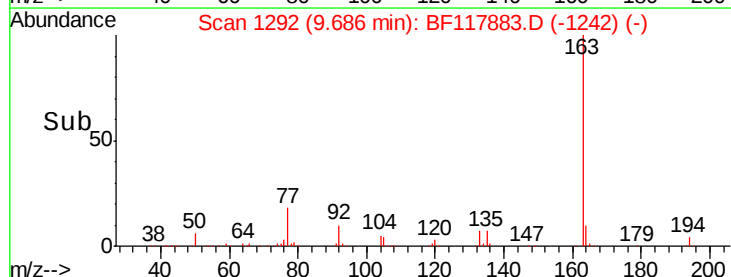
164 10.8 8.7 13.1

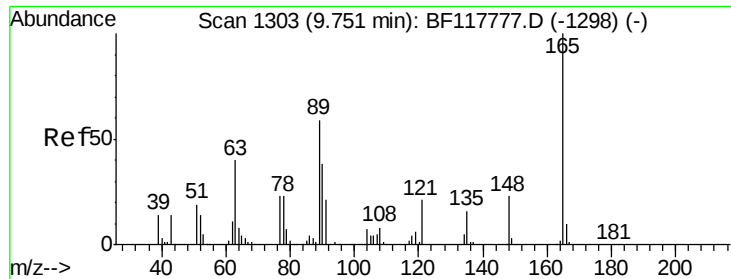


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

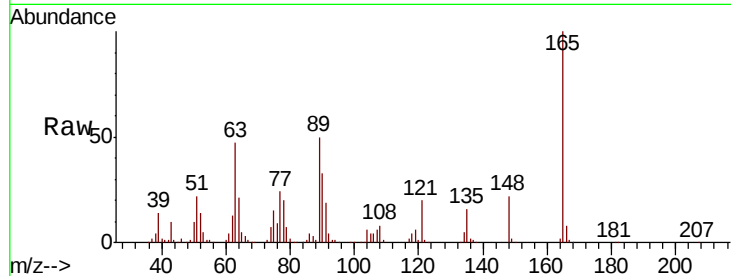




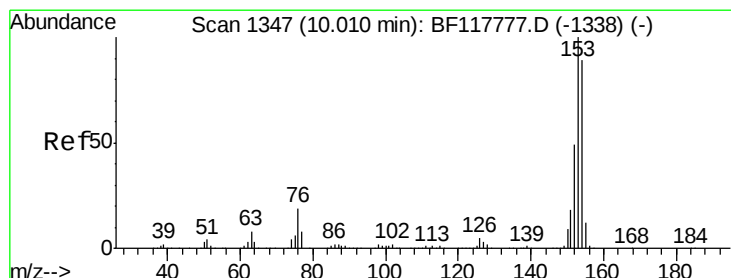
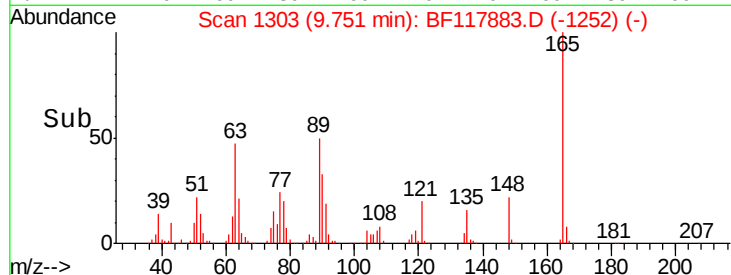
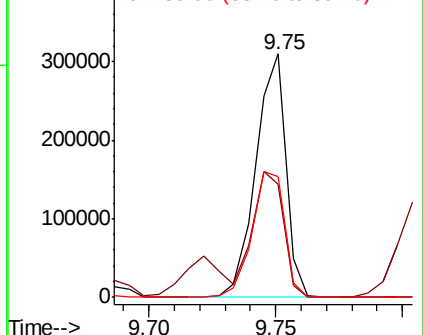
#51
2,6-Dinitrotoluene
Concen: 40.517 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 257452
Ion Ratio Lower Upper
165 100
63 46.5 46.0 69.0
89 49.7 47.7 71.5

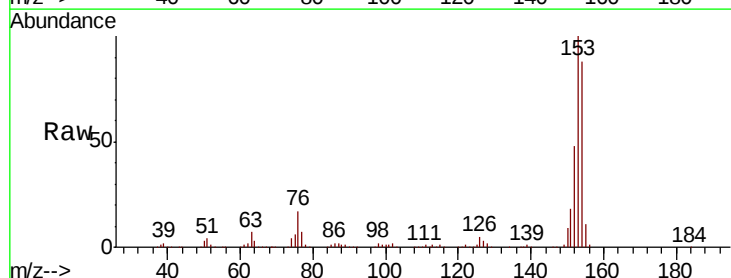


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

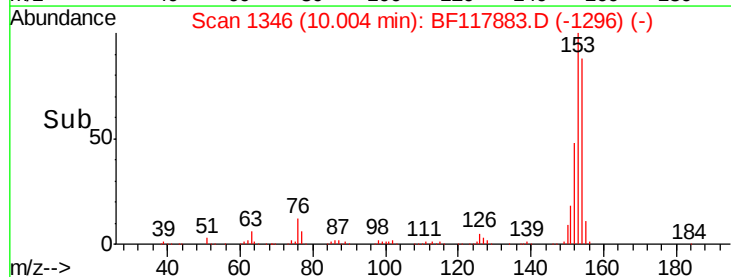
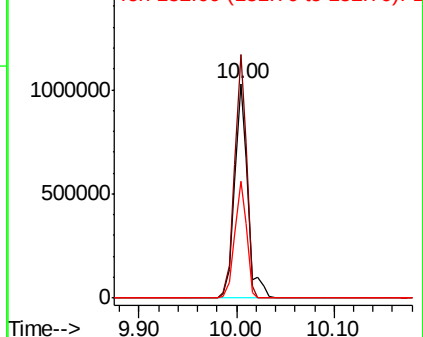


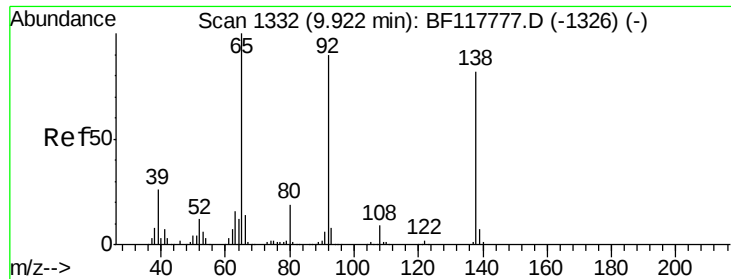
#52
Acenaphthene
Concen: 40.378 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion:154 Resp: 954258
Ion Ratio Lower Upper
154 100
153 113.4 90.1 135.1
152 54.6 44.0 66.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

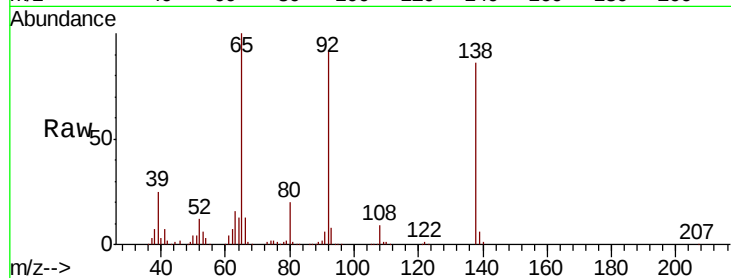




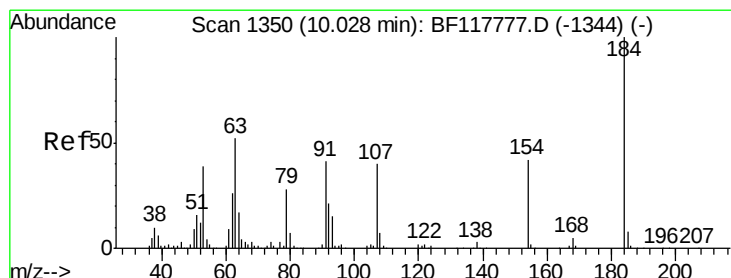
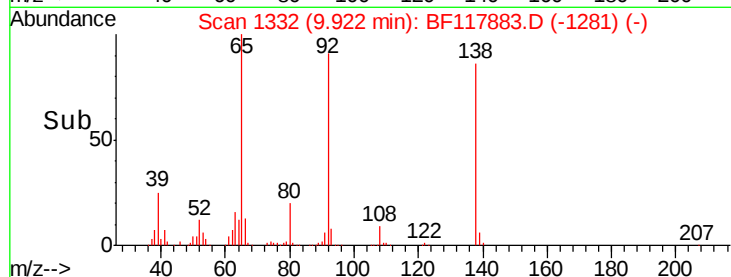
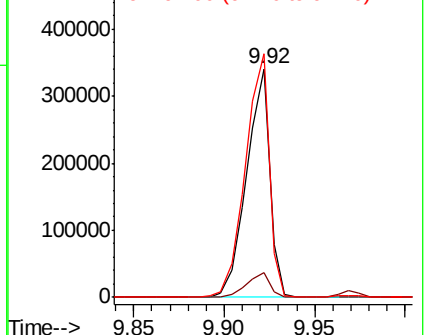
#53
3-Nitroaniline
Concen: 40.079 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 304726
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 106.6 87.9 131.9

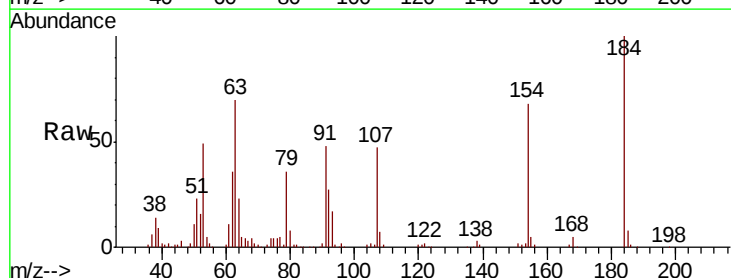


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

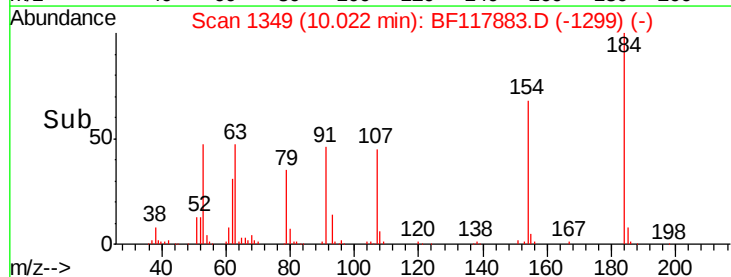
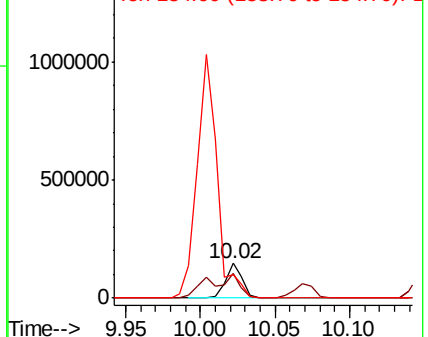


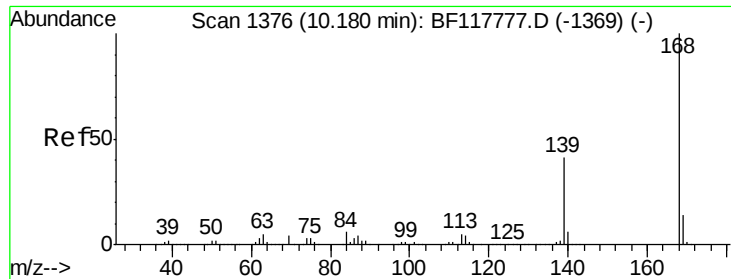
#54
2,4-Dinitrophenol
Concen: 40.759 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion:184 Resp: 120354
Ion Ratio Lower Upper
184 100
63 69.5 43.0 64.6#
154 67.6 48.0 72.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.105 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

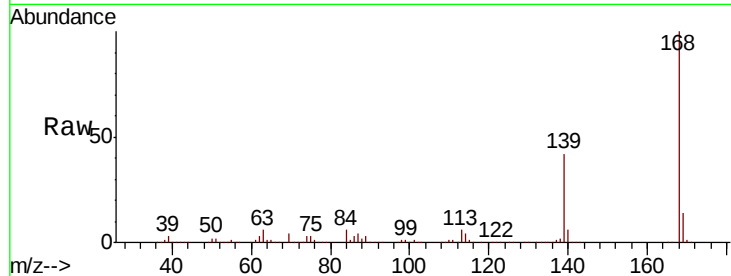
Tot Ion:168 Resp: 1312498

Ion Ratio Lower Upper

168 100

139 42.4 33.0 49.6

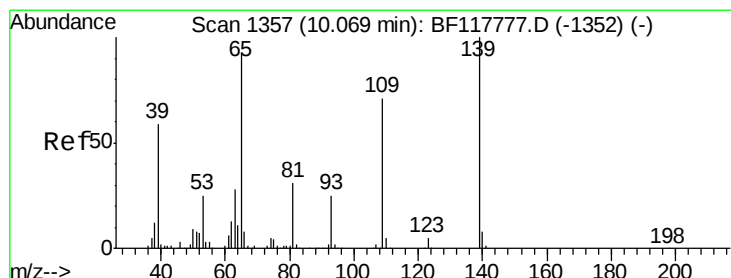
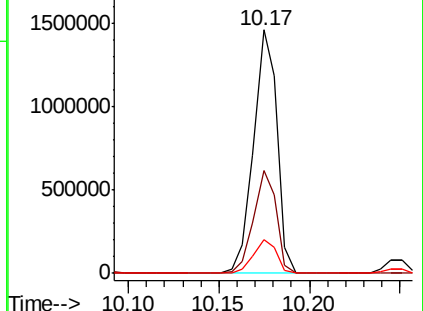
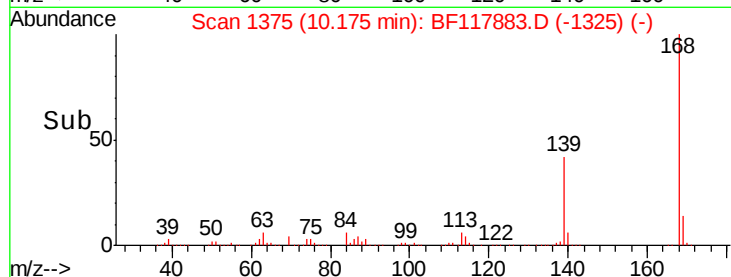
169 14.0 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.487 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

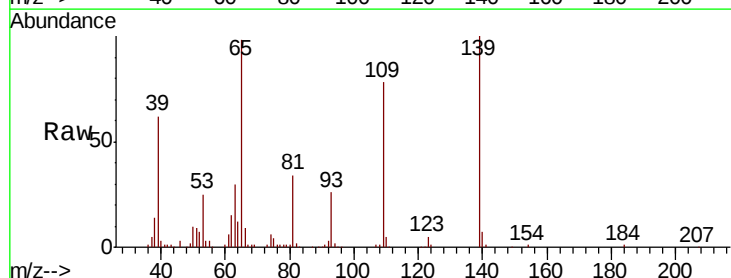
Tgt Ion:139 Resp: 224099

Ion Ratio Lower Upper

139 100

109 77.9 50.8 90.8

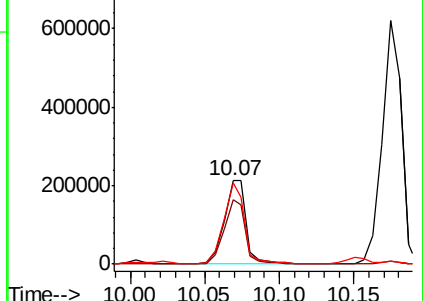
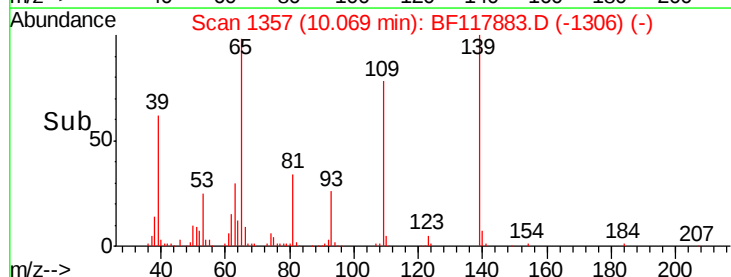
65 97.7 73.6 113.6

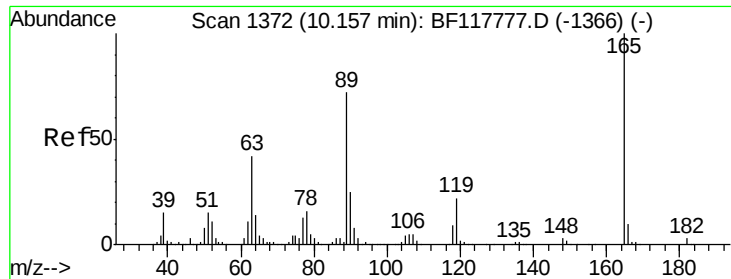


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

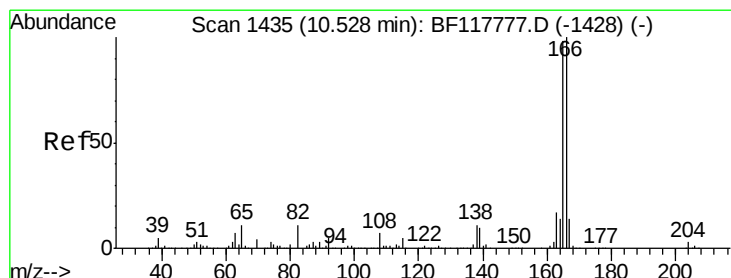
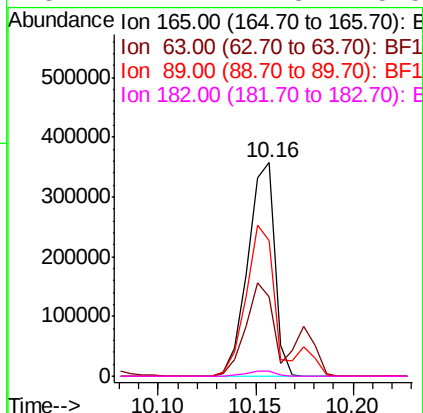
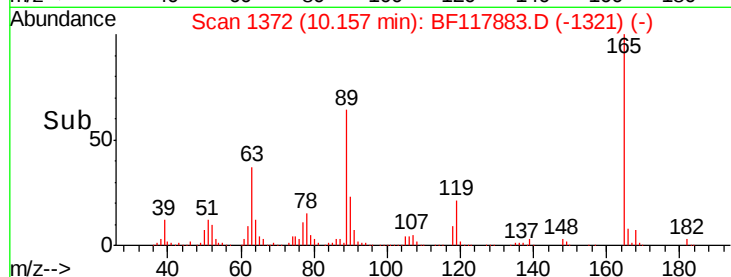
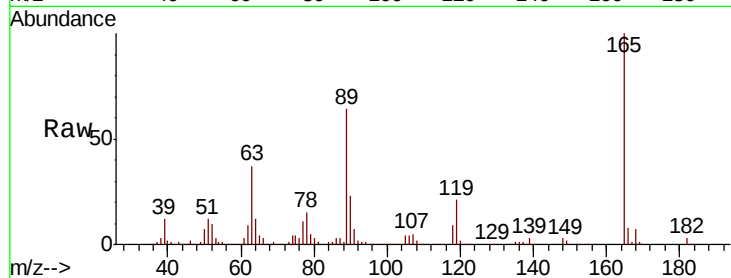




#57
2,4-Dinitrotoluene
Concen: 42.219 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

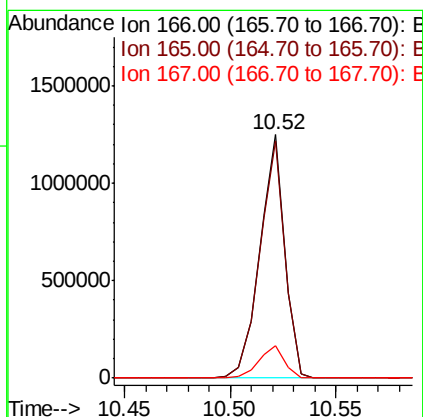
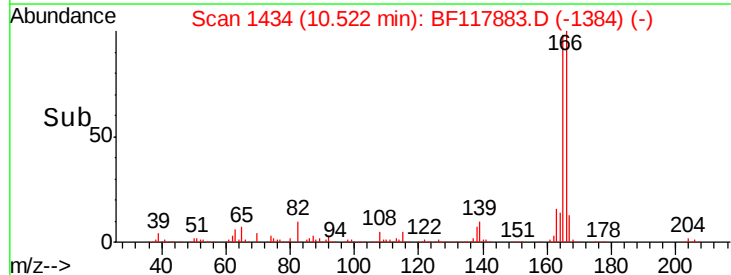
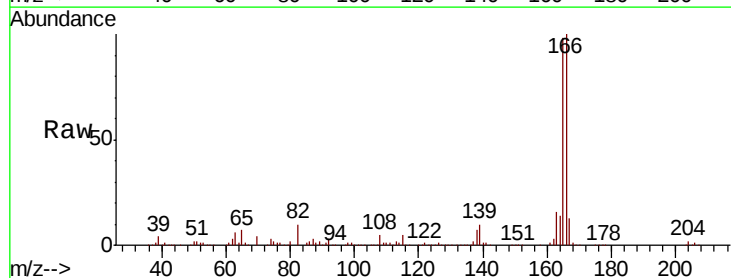
Instrument :
BNA_F
ClientSampled :

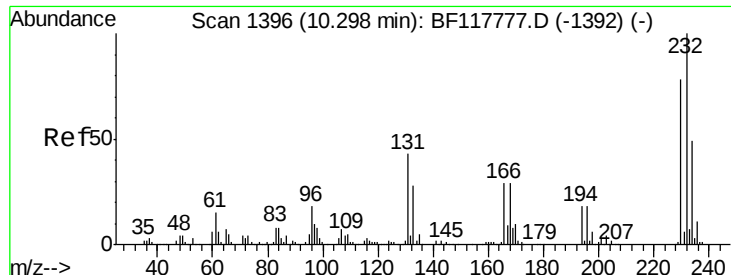
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.3	33.7	50.5
89	63.5	57.3	85.9
182	2.7	2.3	3.5



#58
Fluorene
Concen: 40.296 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	13.4	11.0	16.4

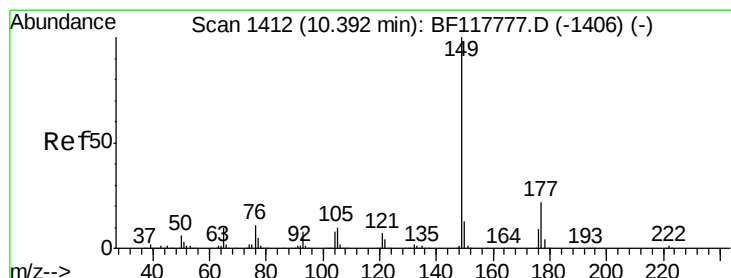
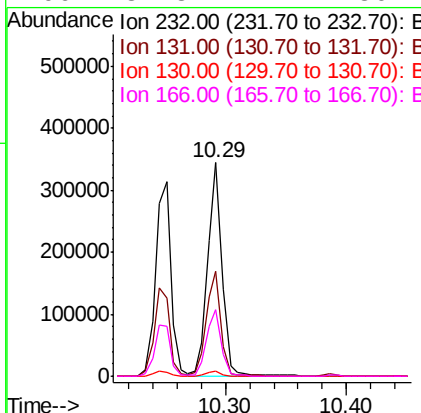
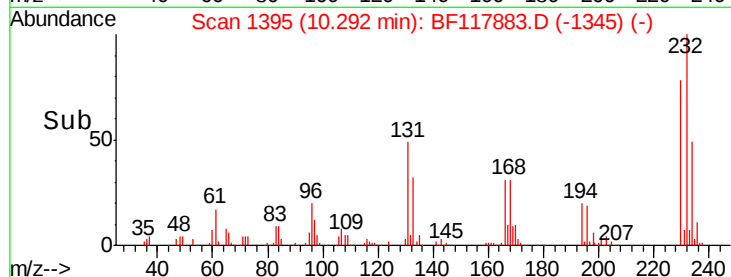
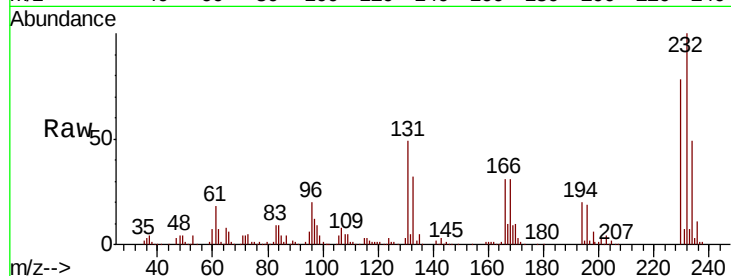




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.448 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

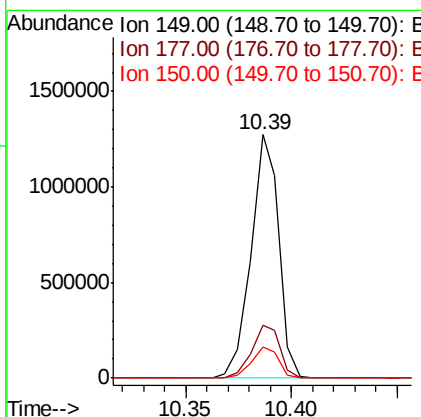
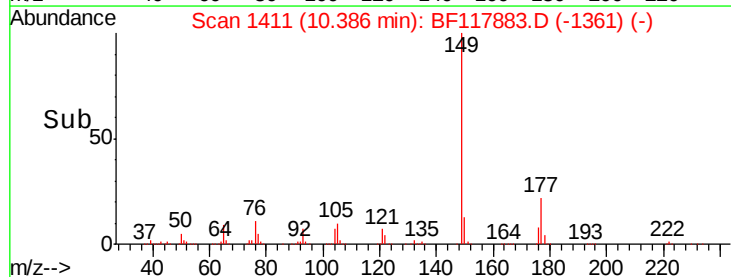
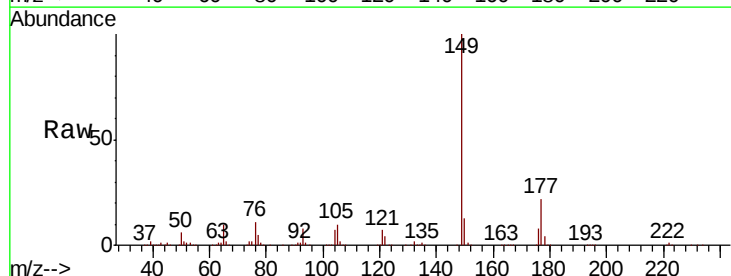
Instrument :
 BNA_F
 ClientSampleId :

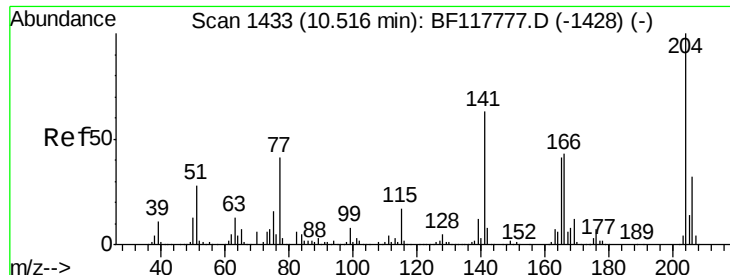
Tot Ion:232 Resp: 282872
 Ion Ratio Lower Upper
 232 100
 131 49.5 37.6 56.4
 130 2.6 1.9 2.9
 166 32.3 24.2 36.4



#60
 Diethylphthalate
 Concen: 40.933 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

Tgt Ion:149 Resp: 1160229
 Ion Ratio Lower Upper
 149 100
 177 21.8 18.0 27.0
 150 13.0 10.5 15.7

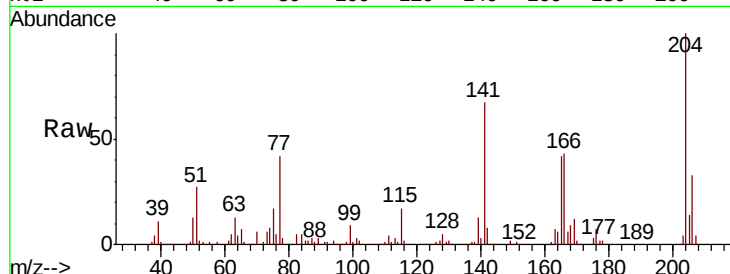




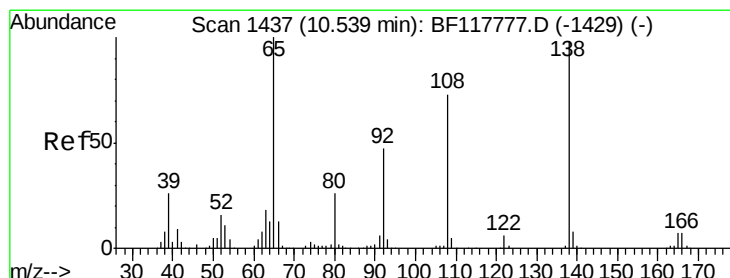
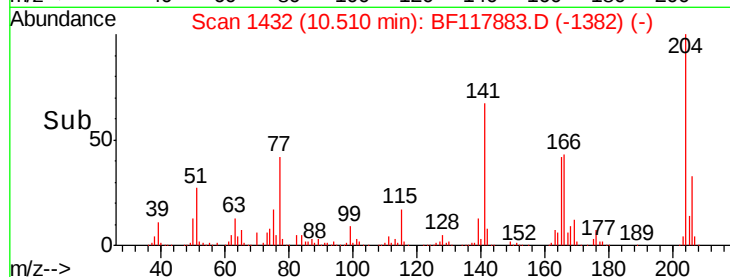
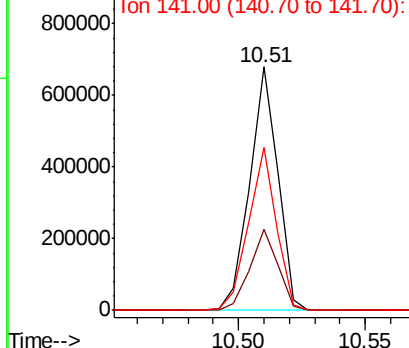
#61
4-Chlorophenyl-phenylether
Concen: 40.803 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 525139
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 66.9 50.7 76.1

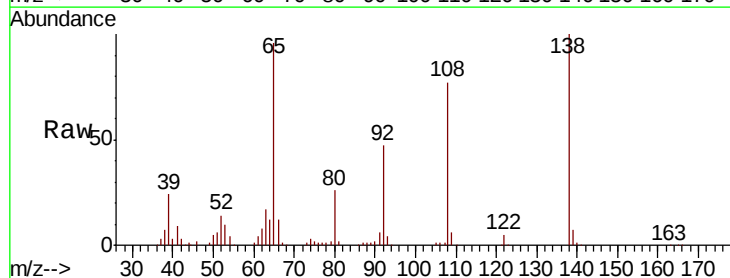


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

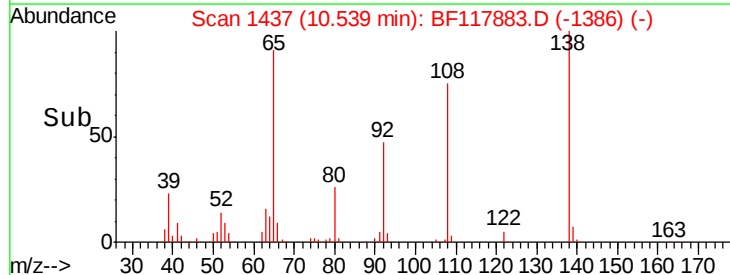
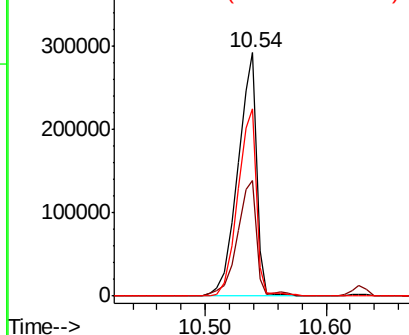


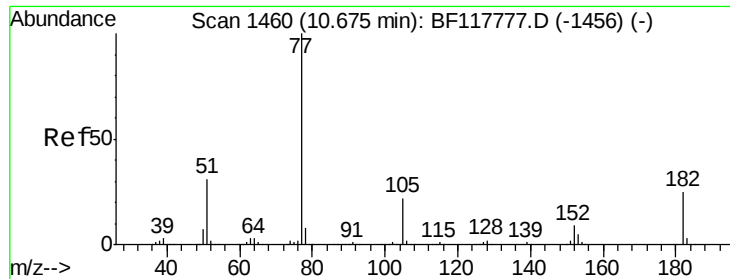
#62
4-Nitroaniline
Concen: 41.536 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion:138 Resp: 316203
Ion Ratio Lower Upper
138 100
92 47.3 28.3 68.3
108 76.8 54.3 94.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.270 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1038455

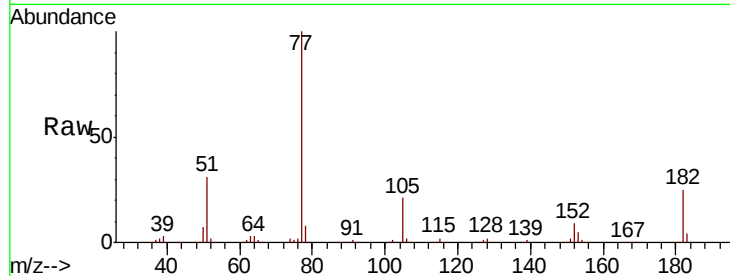
Ion Ratio Lower Upper

77 100

182 24.7 4.8 44.8

105 21.3 2.1 42.1

51 31.3 11.4 51.4

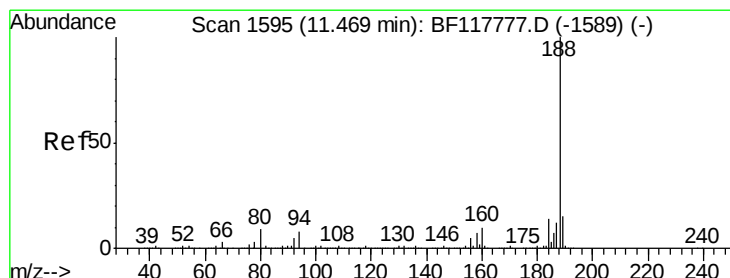
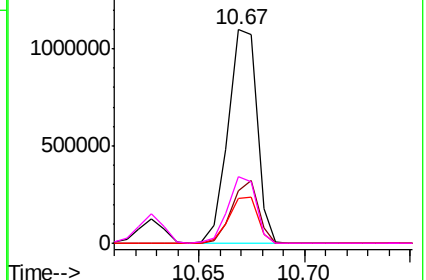
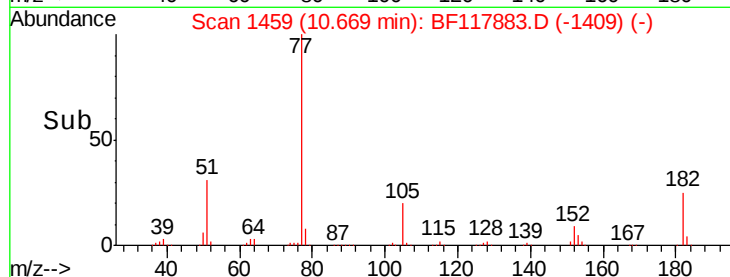


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

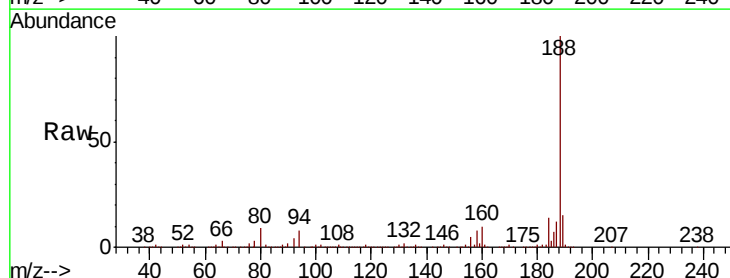
Tgt Ion: 188 Resp: 788717

Ion Ratio Lower Upper

188 100

94 8.0 6.6 10.0

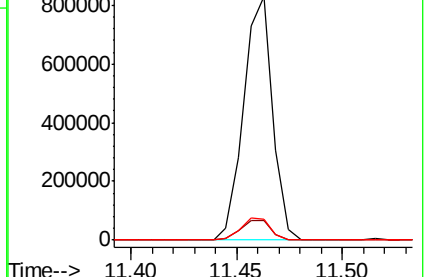
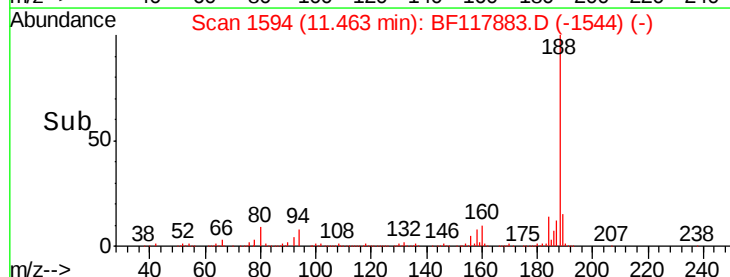
80 8.6 7.2 10.8

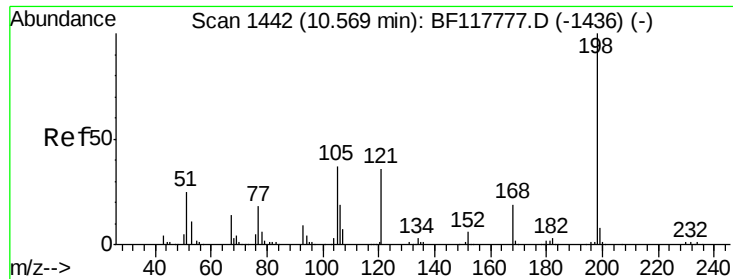


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.191 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

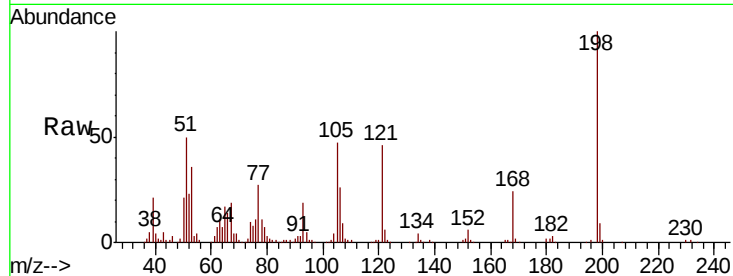
Tot Ion:198 Resp: 155347

Ion Ratio Lower Upper

198 100

51 49.7 16.0 56.0

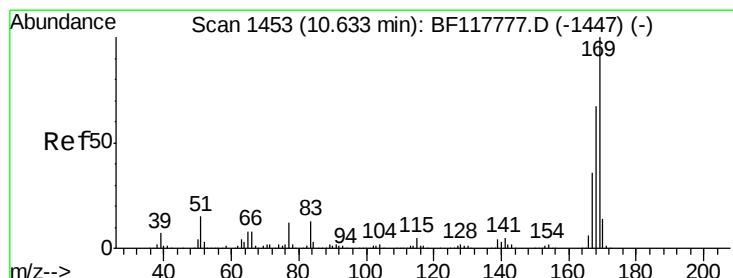
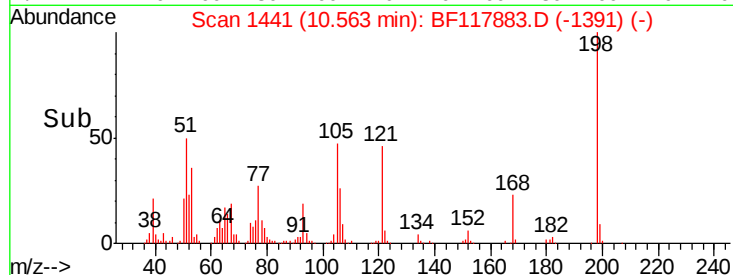
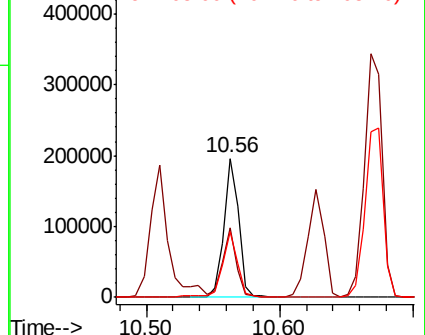
105 46.8 19.1 59.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.356 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

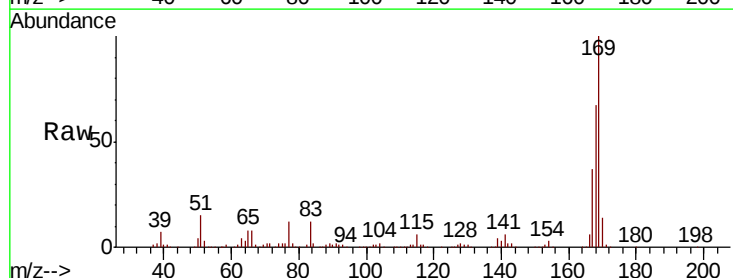
Tgt Ion:169 Resp: 903380

Ion Ratio Lower Upper

169 100

168 67.4 53.5 80.3

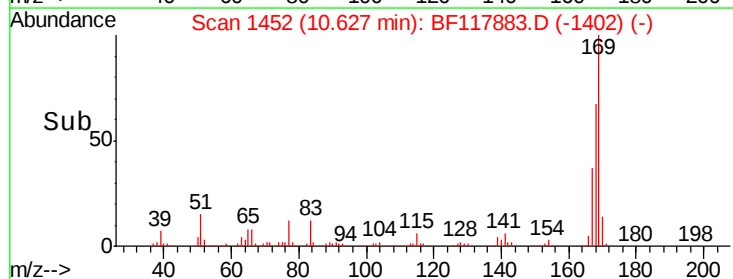
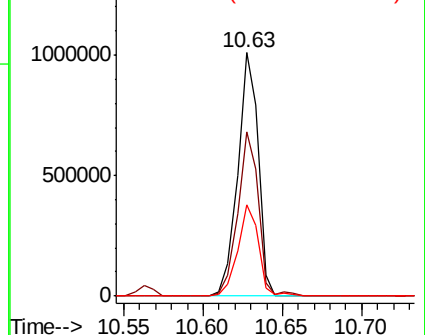
167 37.3 29.0 43.4

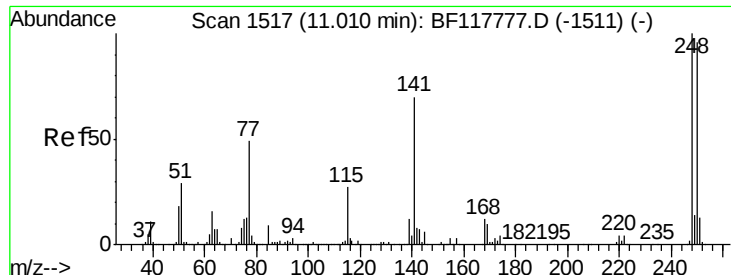


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

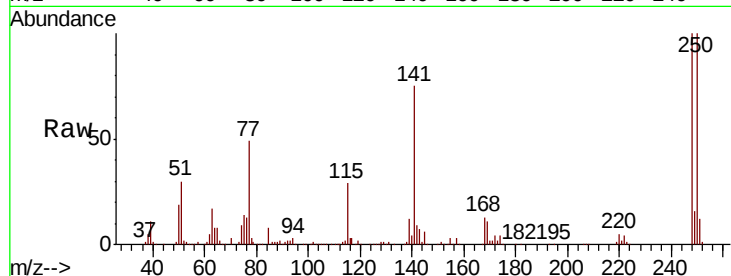




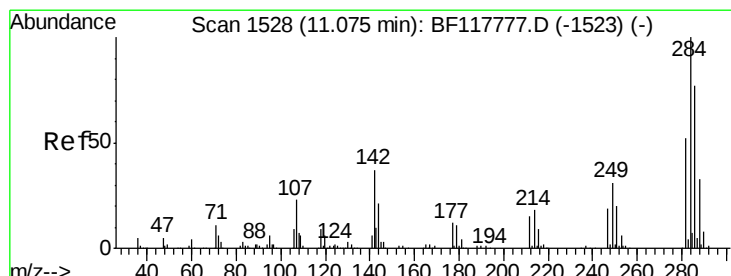
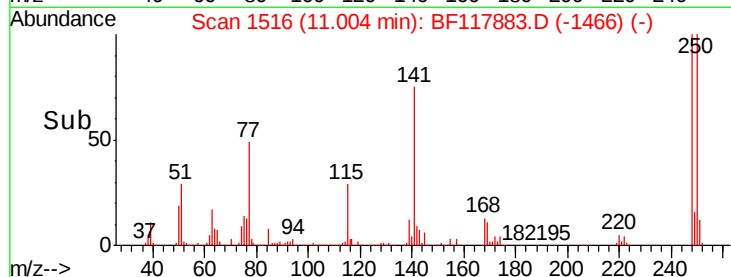
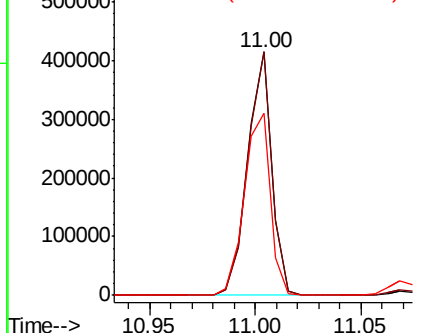
#67
4-Bromophenyl-phenylether
Concen: 38.790 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 330109
Ion Ratio Lower Upper
248 100
250 99.9 76.6 115.0
141 75.0 55.9 83.9

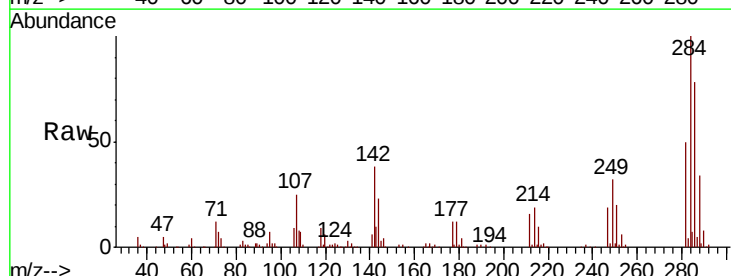


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

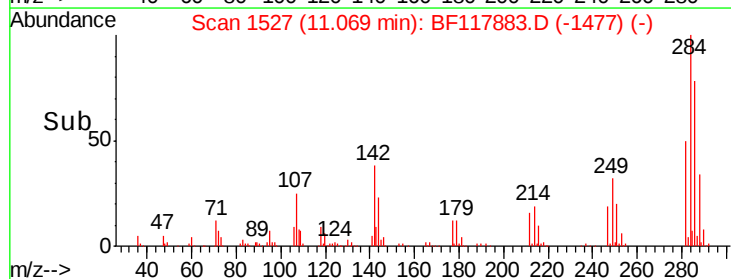
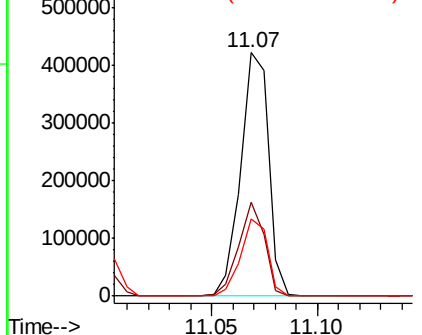


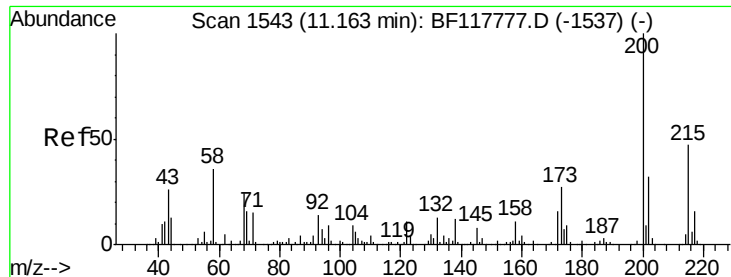
#68
Hexachlorobenzene
Concen: 39.032 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion:284 Resp: 387327
Ion Ratio Lower Upper
284 100
142 38.4 29.4 44.2
249 31.6 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

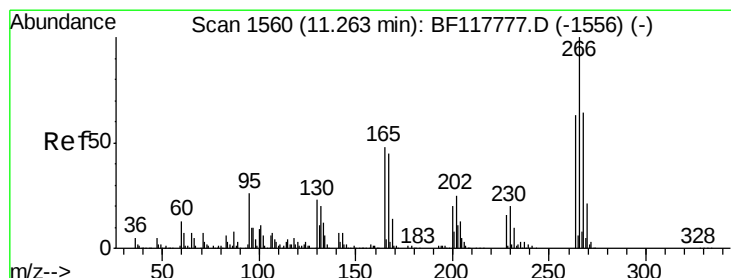
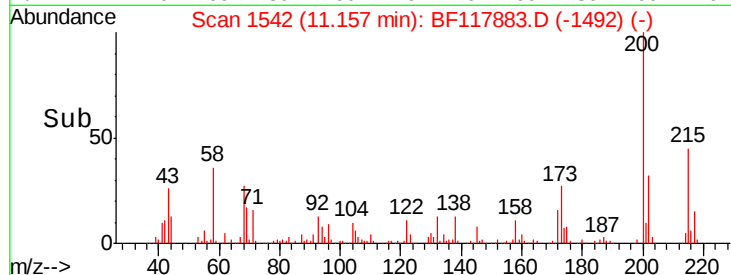
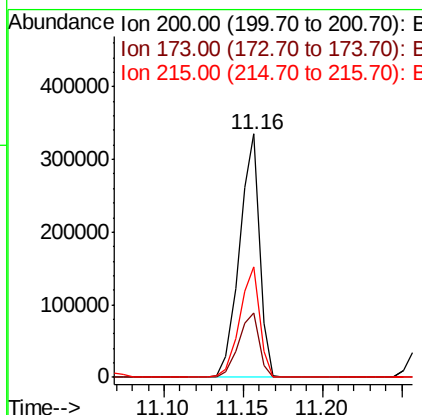
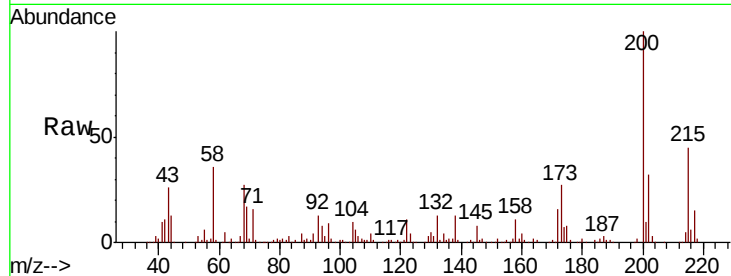




#69
Atrazine
Concen: 38.846 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

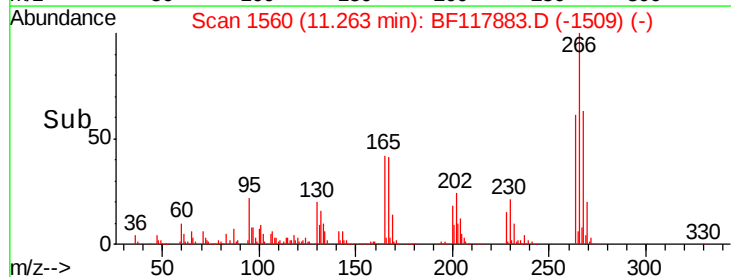
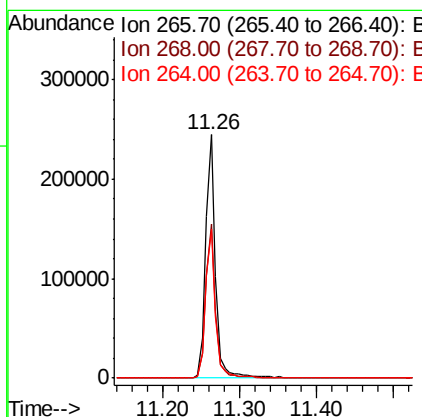
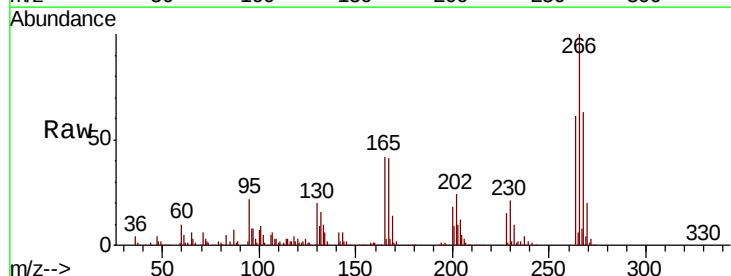
Instrument :
BNA_F
ClientSampleId :

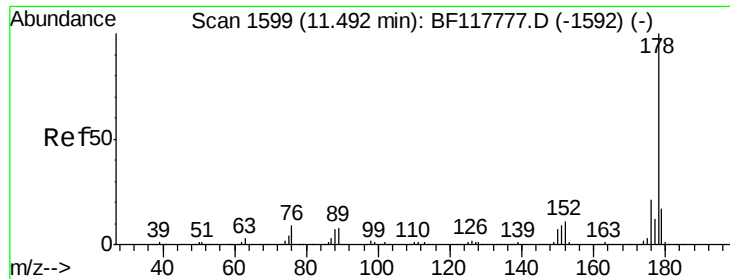
Tot Ion:200 Resp: 293320
Ion Ratio Lower Upper
200 100
173 26.5 6.7 46.7
215 45.4 27.5 67.5



#70
Pentachlorophenol
Concen: 37.583 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion:266 Resp: 217886
Ion Ratio Lower Upper
266 100
268 63.3 50.8 76.2
264 61.4 50.7 76.1

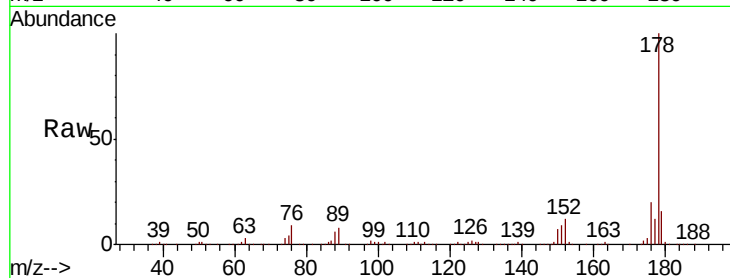




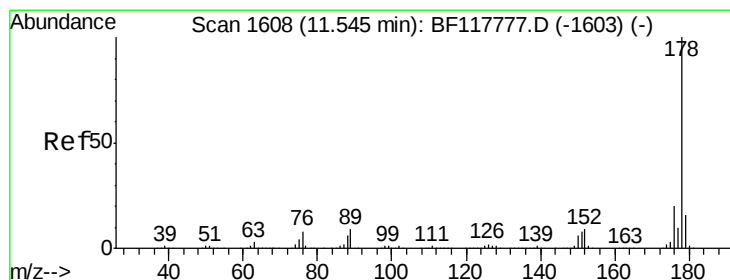
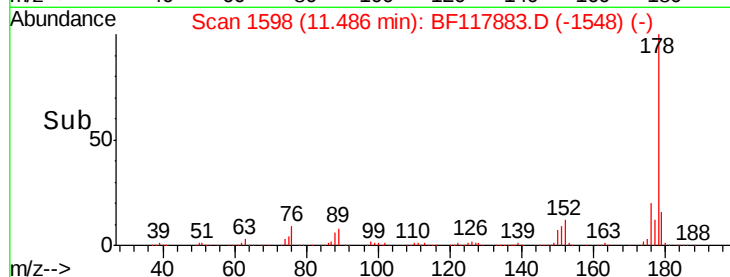
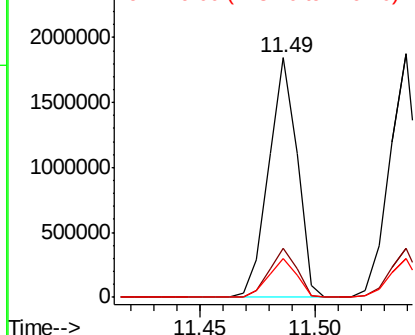
#71
Phenanthrene
Concen: 39.882 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1581502
Ion Ratio Lower Upper
178 100
176 20.4 16.6 25.0
179 16.0 13.2 19.8

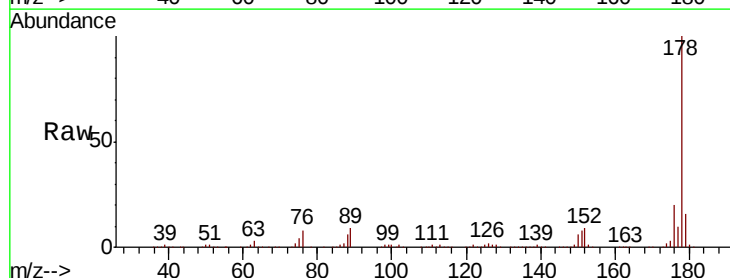


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

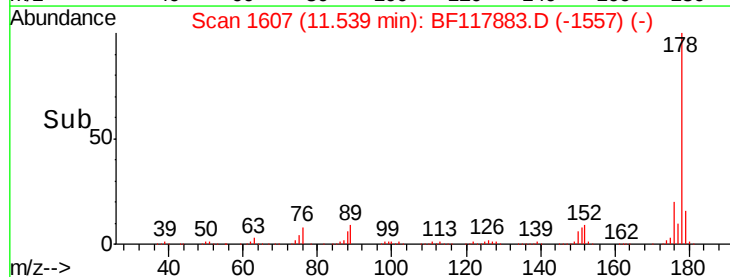
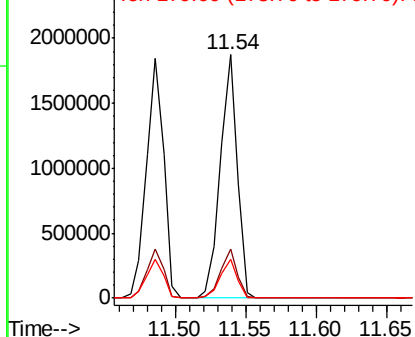


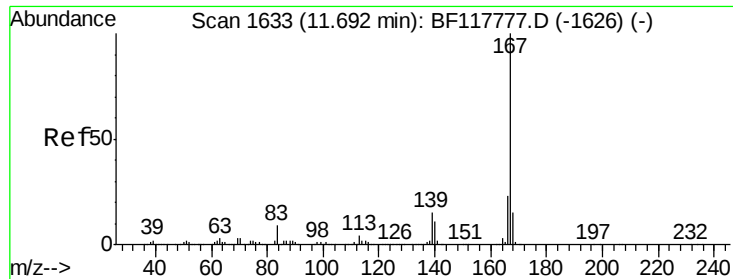
#72
Anthracene
Concen: 39.955 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion:178 Resp: 1570890
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.817 ng

RT: 11.69 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

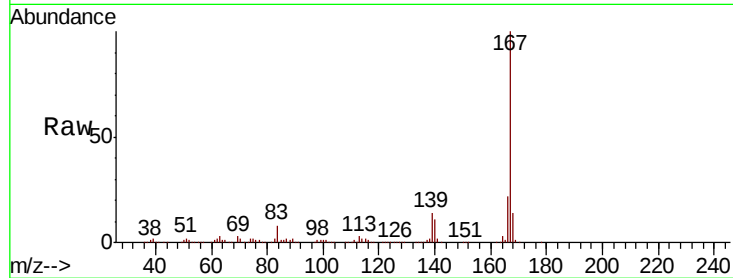
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1436709

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	14.4	11.7	17.5

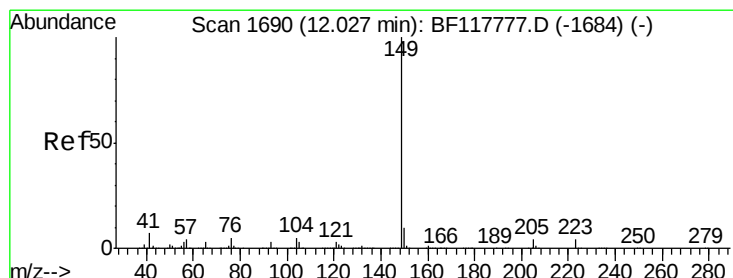
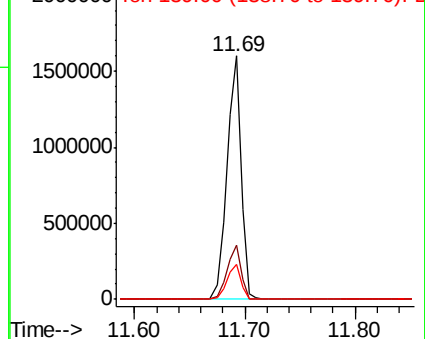
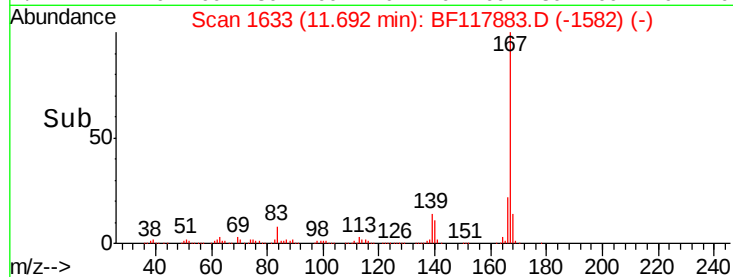


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.130 ng

RT: 12.02 min Scan# 1689

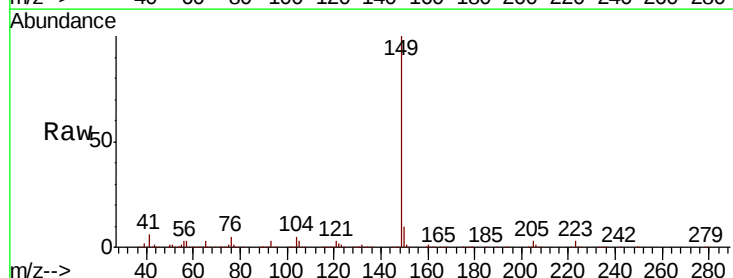
Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Tgt Ion:149 Resp: 2016089

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.1	4.2	6.4

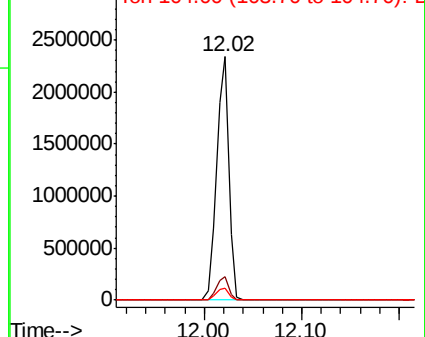
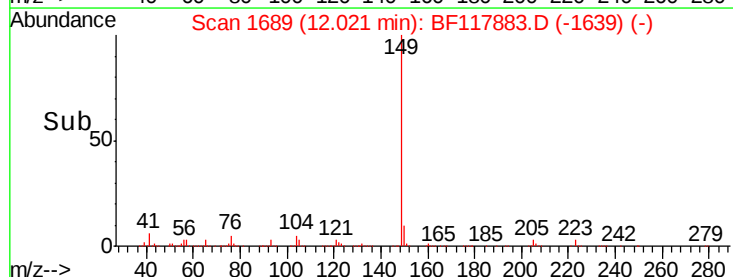


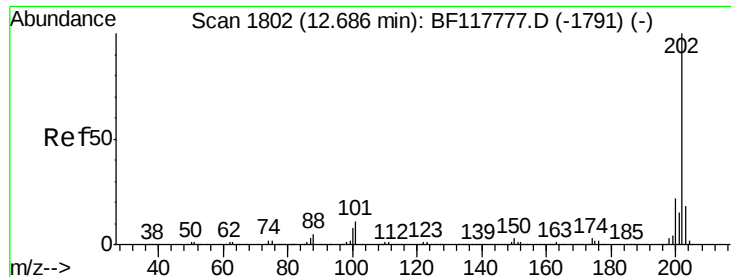
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.763 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampled :

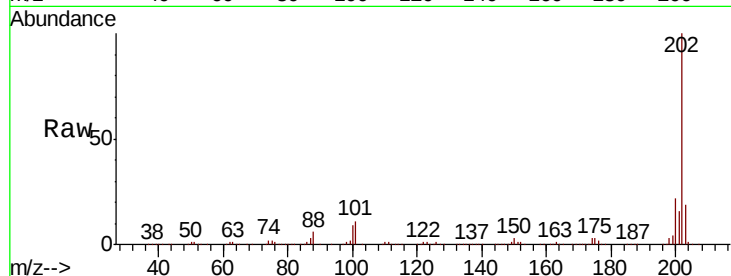
Tot Ion:202 Resp: 1832256

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.1

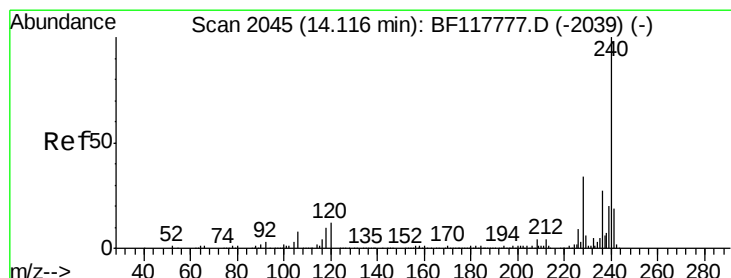
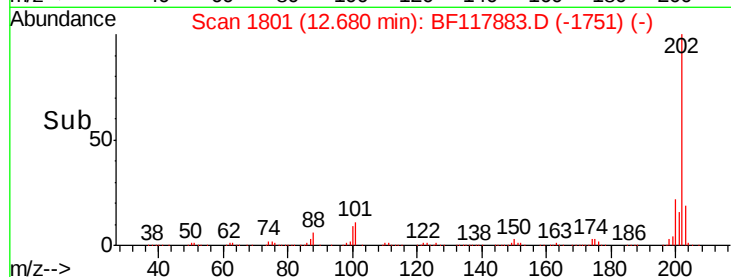
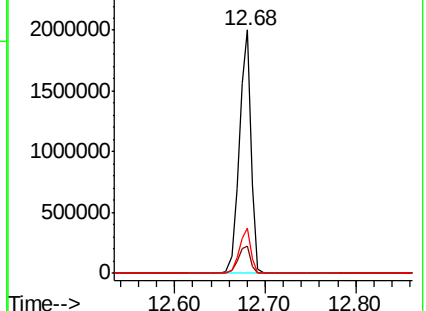
203 18.5 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

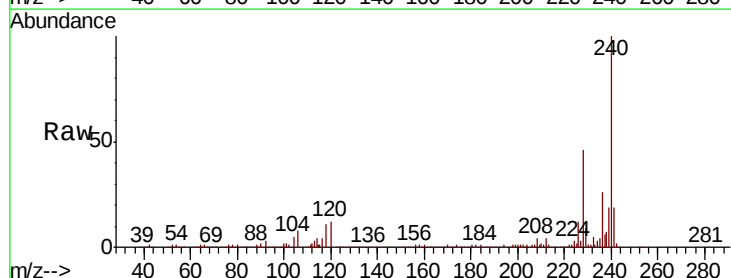
Tgt Ion:240 Resp: 622226

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

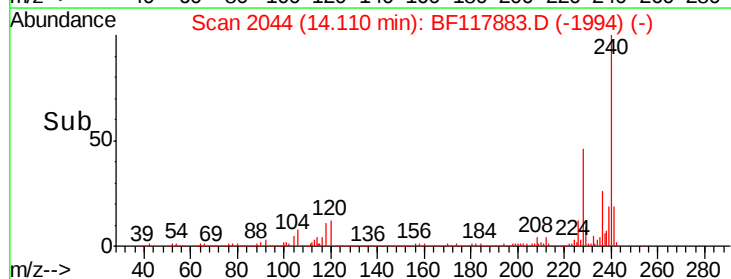
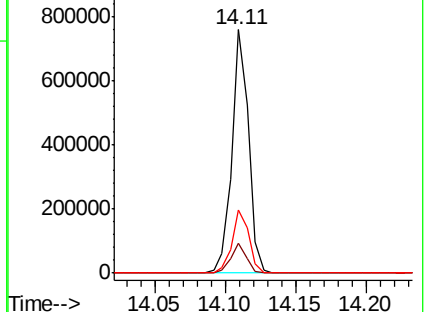
236 26.0 21.3 31.9

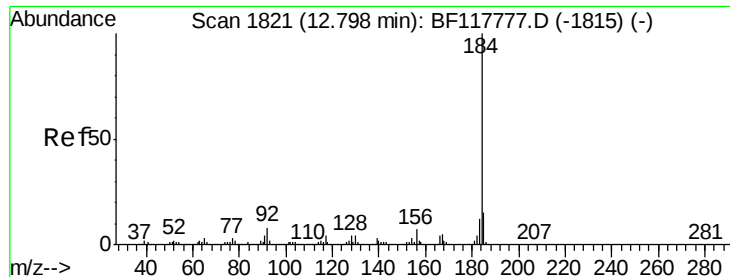


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.062 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

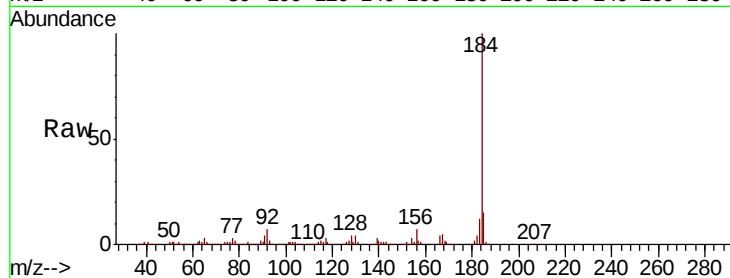
Tot Ion:184 Resp: 796151

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	12.1	9.5	14.3

184 100

185 15.1 12.2 18.4

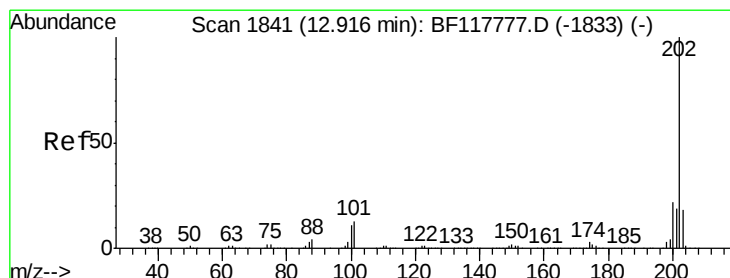
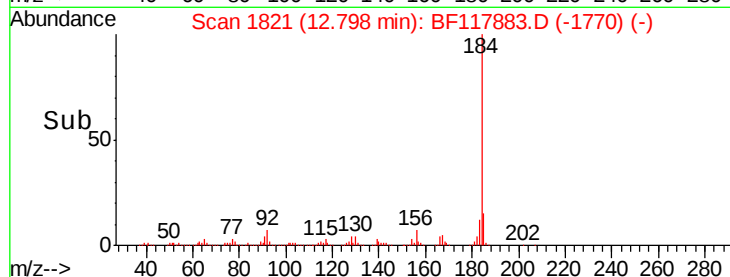
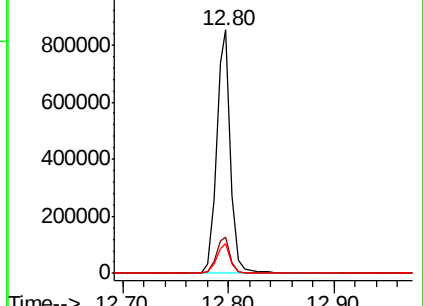
183 12.1 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.497 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

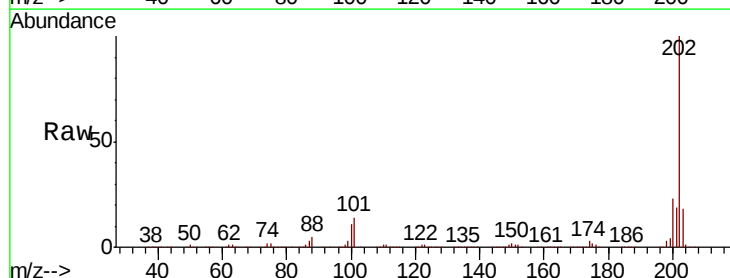
Tgt Ion:202 Resp: 1885547

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.8	26.8
203	18.4	14.6	22.0

202 100

200 22.6 17.8 26.8

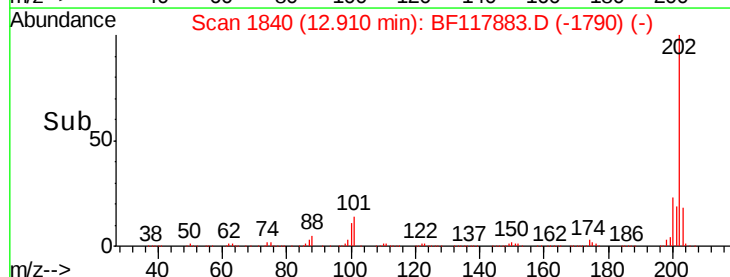
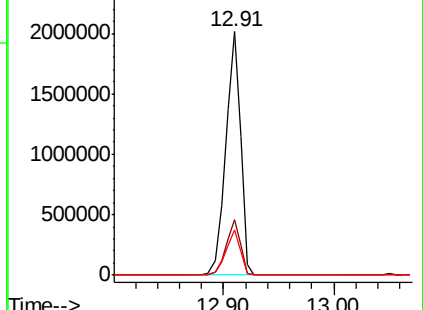
203 18.4 14.6 22.0

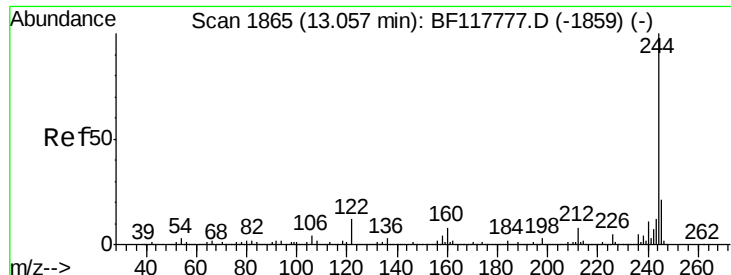


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



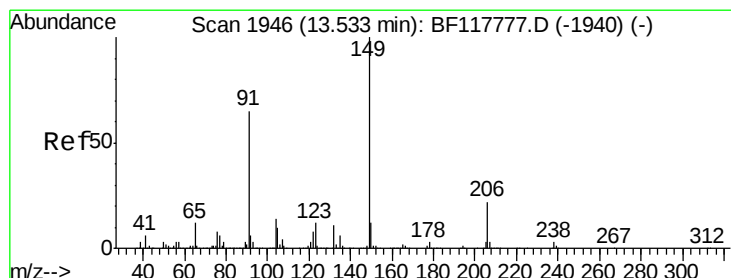
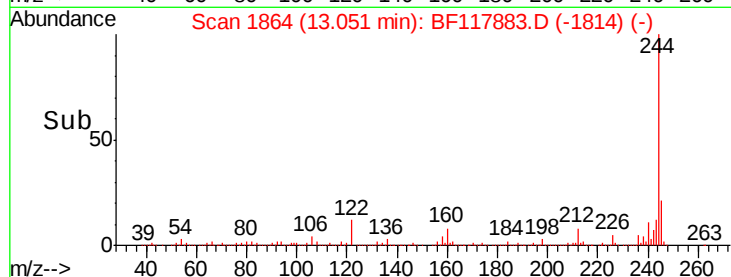
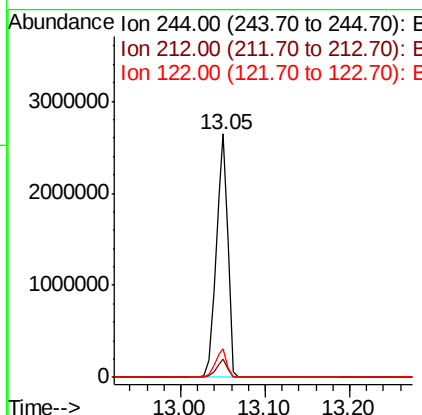
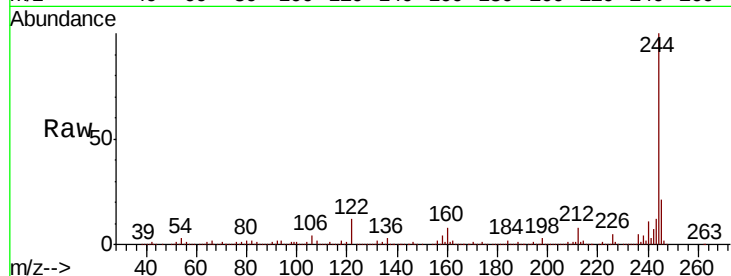


#79
 Terphenyl-d14
 Concen: 76.035 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2588690

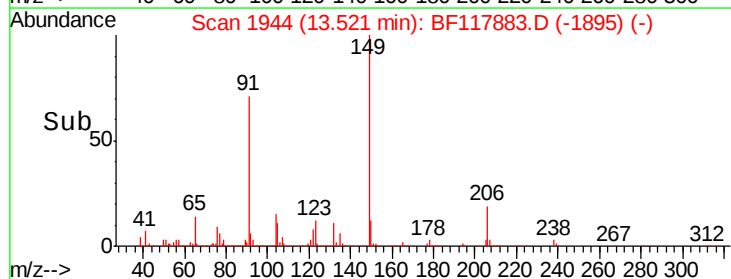
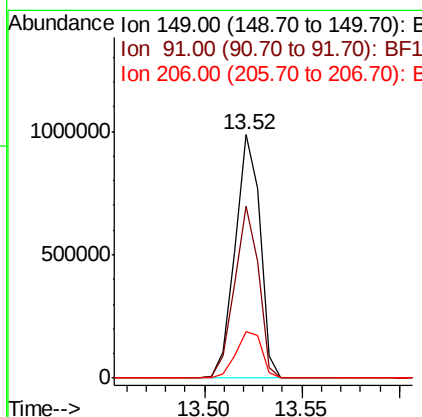
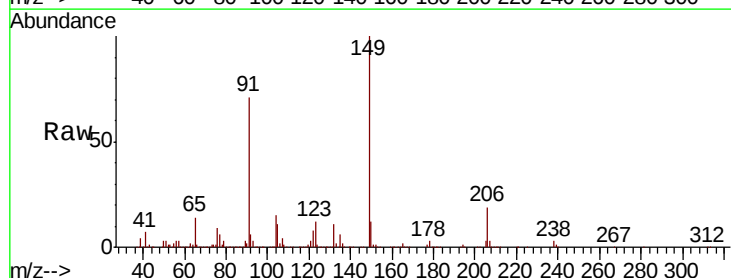
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.7	9.4	14.2

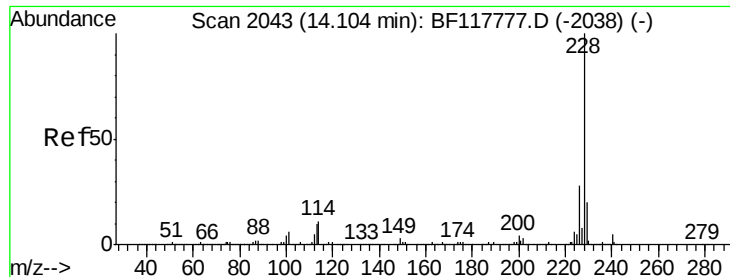


#80
 Butylbenzylphthalate
 Concen: 40.486 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

Tgt Ion:149 Resp: 874396

Ion	Ratio	Lower	Upper
149	100		
91	70.6	51.9	77.9
206	19.1	17.2	25.8





#81

Benzo(a)anthracene

Concen: 38.226 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

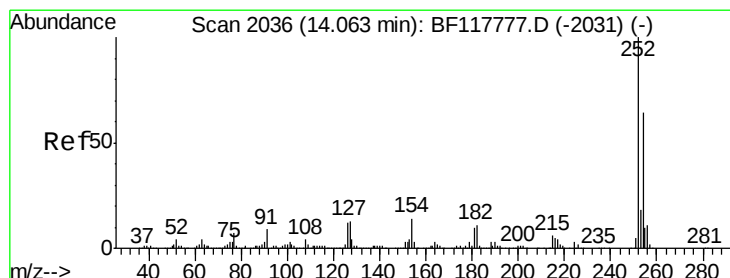
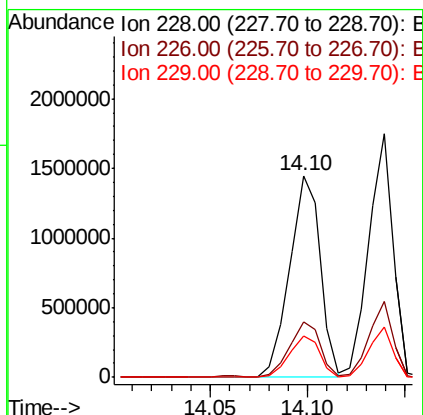
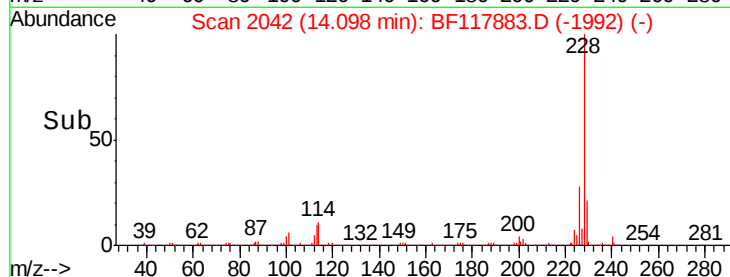
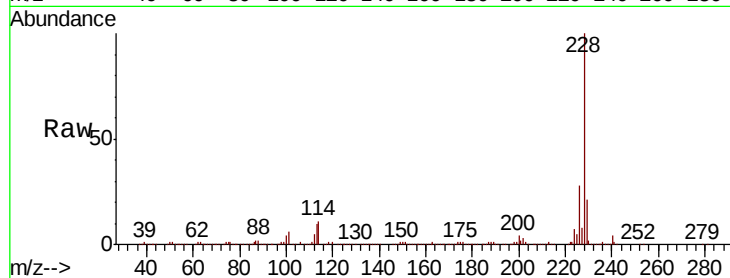
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1571742

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.5	15.9	23.9



#82

3,3'-Dichlorobenzidine

Concen: 40.457 ng

RT: 14.06 min Scan# 2035

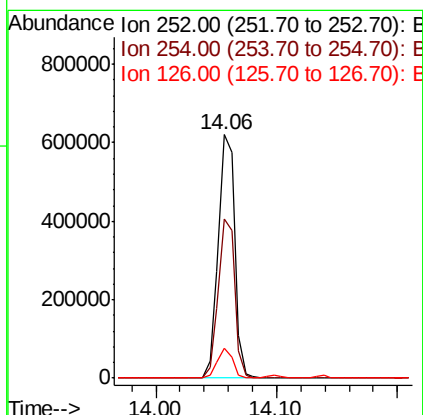
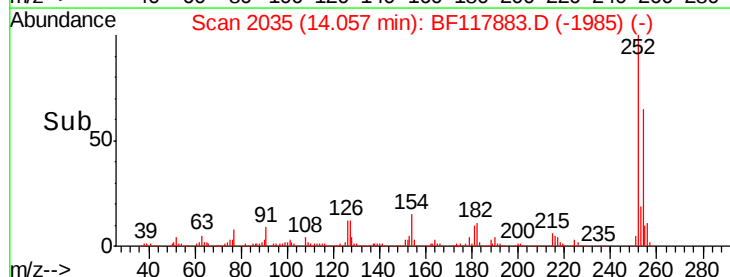
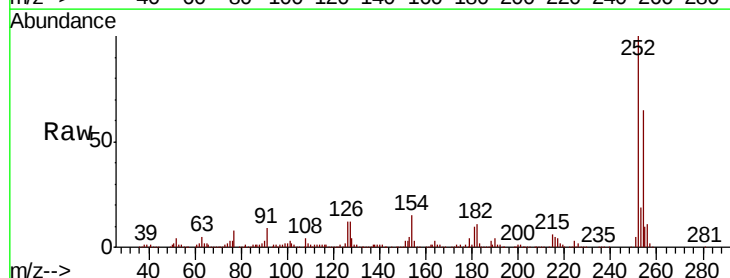
Delta R.T. -0.01 min

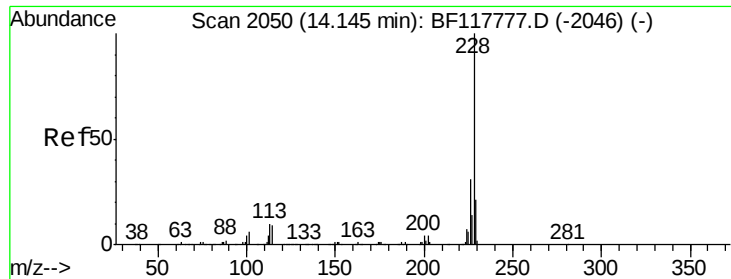
Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Tgt Ion:252 Resp: 581877

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.0	76.6
126	12.5	9.7	14.5

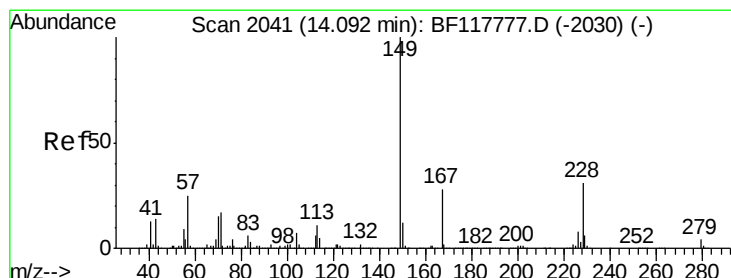
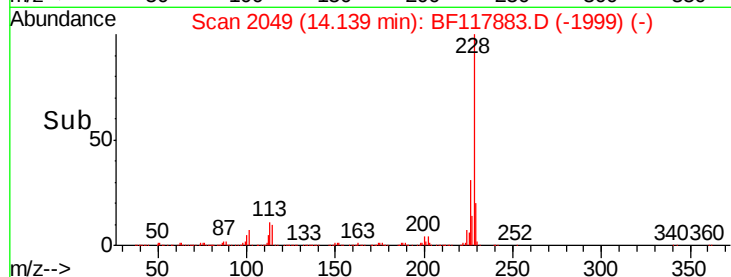
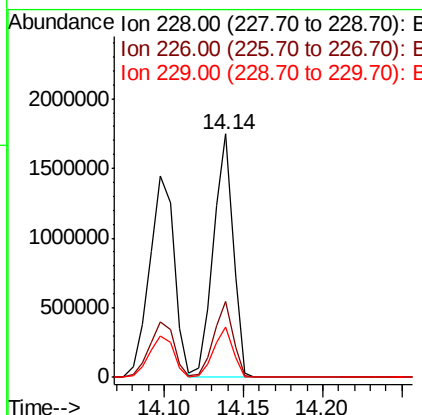
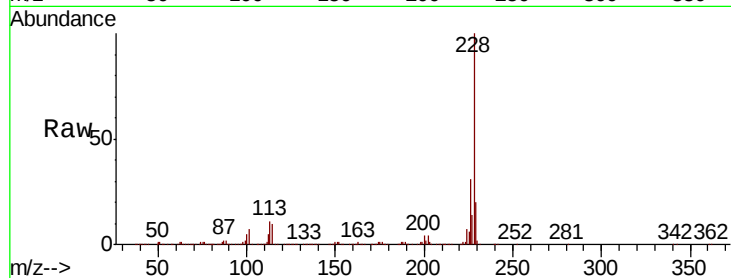




#83
Chrysene
Concen: 38.087 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

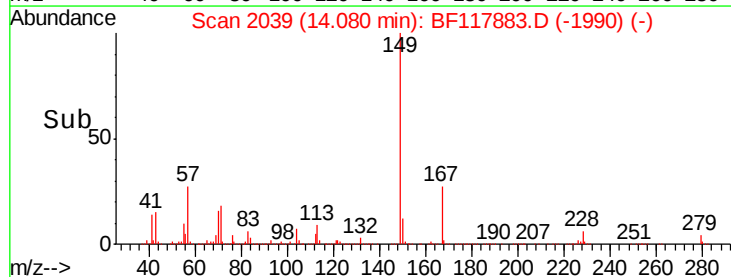
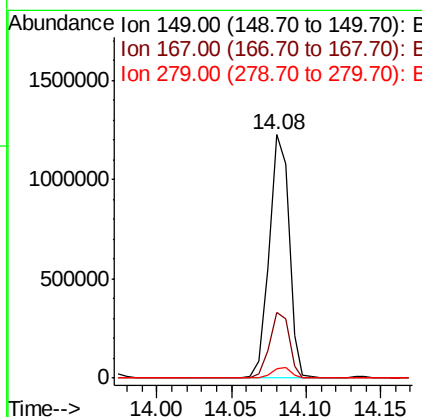
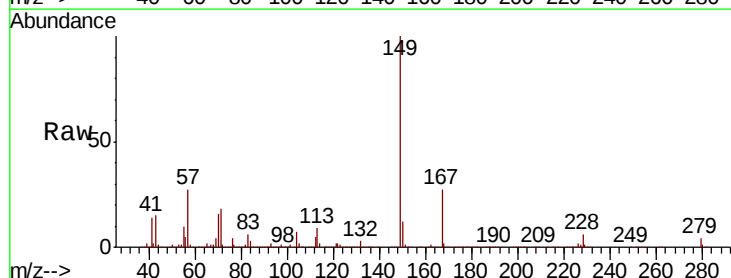
Instrument :
BNA_F
ClientSampleId :

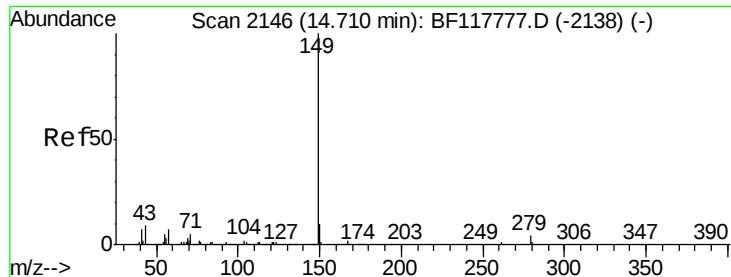
Tot Ion:228 Resp: 1517504
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.4
229 20.4 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.070 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion:149 Resp: 1127748
Ion Ratio Lower Upper
149 100
167 27.2 22.2 33.2
279 3.8 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 47.083 ng

RT: 14.70 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

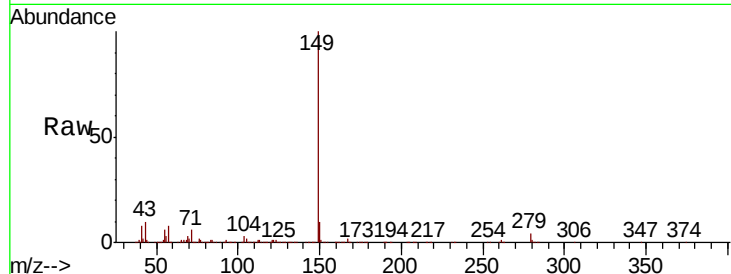
Tot Ion:149 Resp: 1811118

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

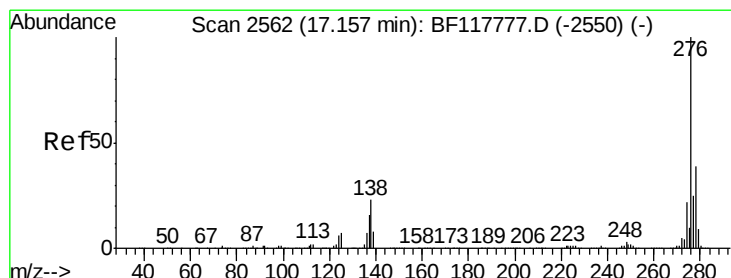
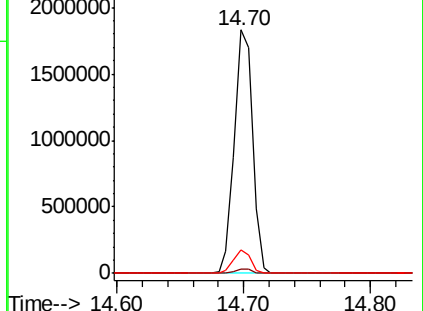
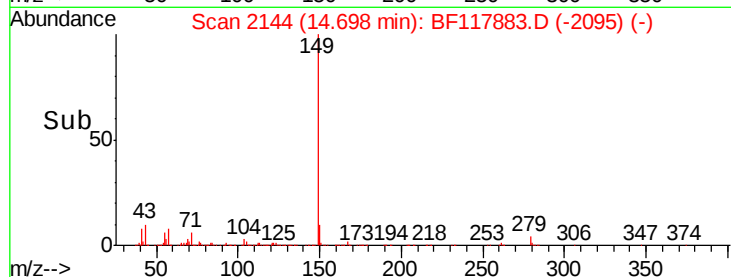
43 9.2 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.557 ng

RT: 17.15 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

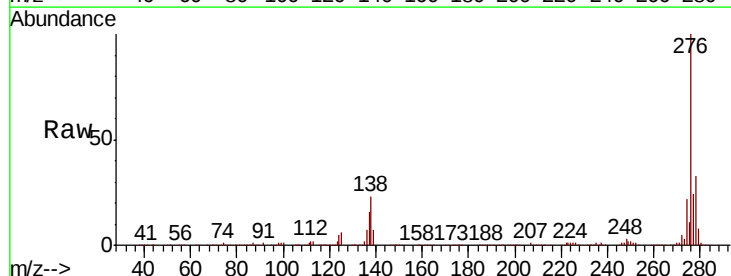
Tgt Ion:276 Resp: 1375301

Ion Ratio Lower Upper

276 100

138 25.5 20.9 31.3

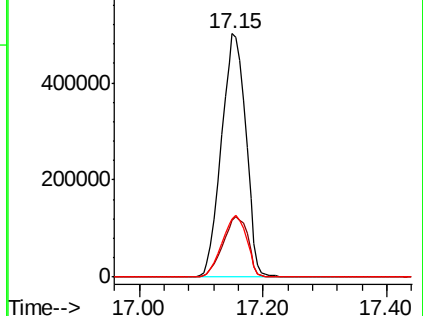
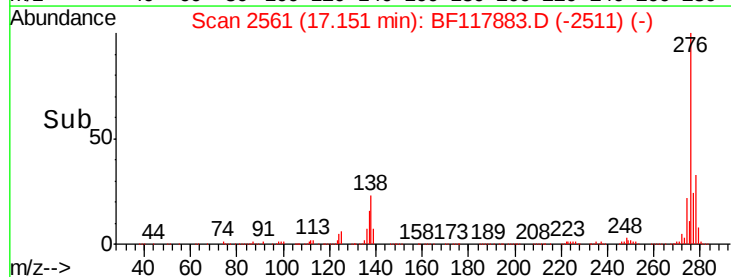
277 25.5 20.3 30.5

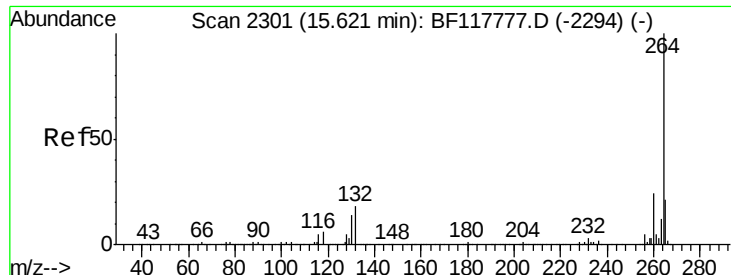


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

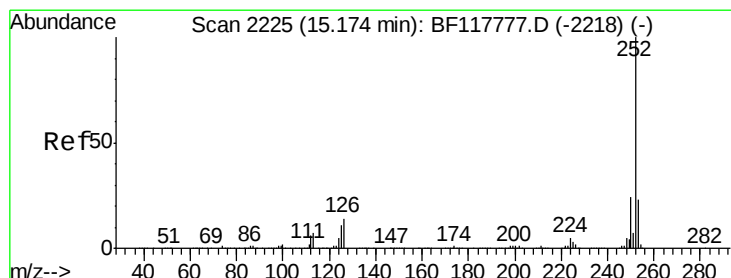
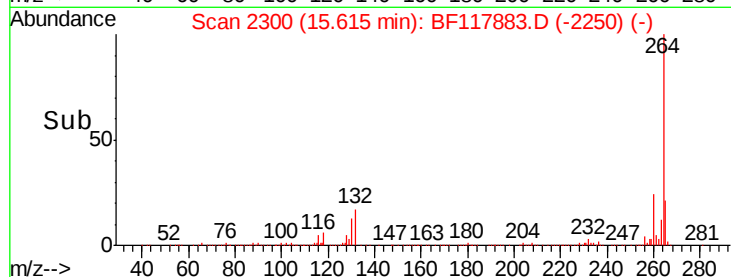
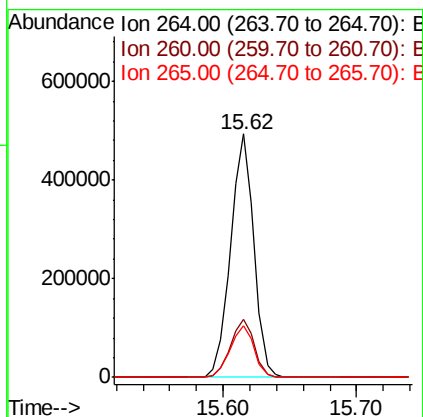
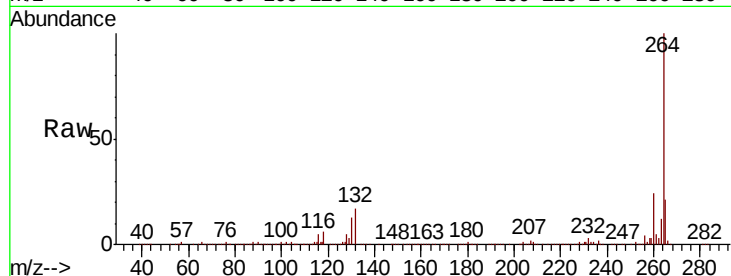




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

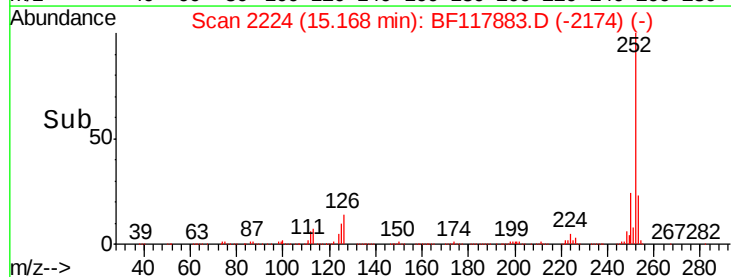
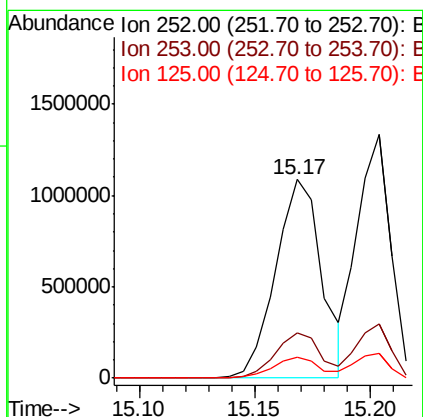
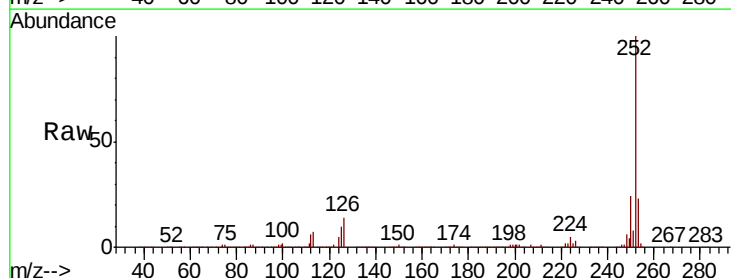
Instrument :
 BNA_F
 ClientSampleId :

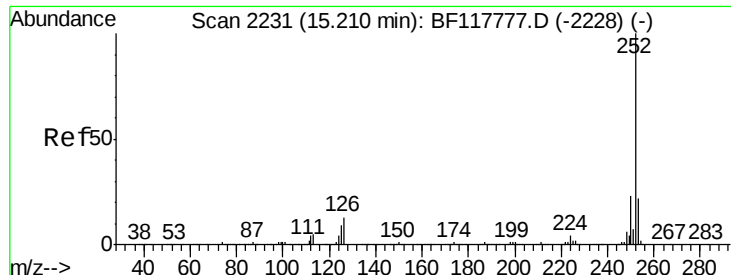
Tot Ion:264 Resp: 603052
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 21.5 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 38.622 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF117883.D
 Acq: 20 Nov 2019 10:46

Tgt Ion:252 Resp: 1513222
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.0 27.0
 125 10.4 8.6 13.0

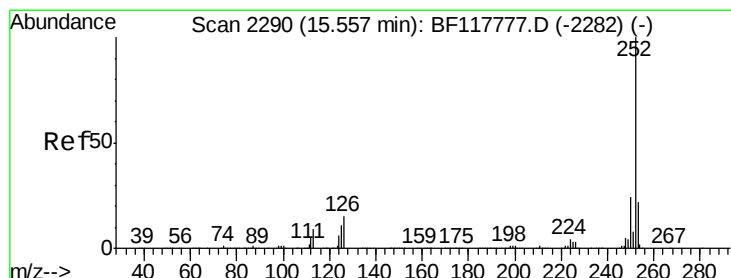
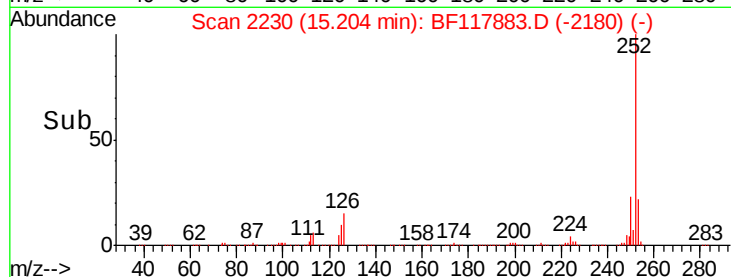
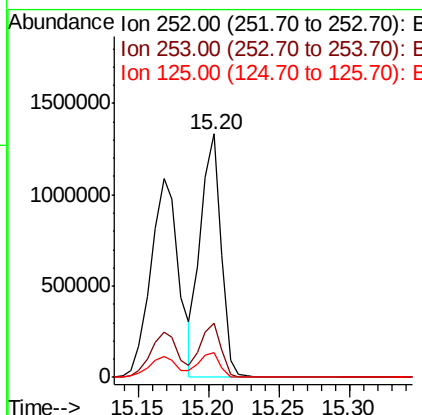
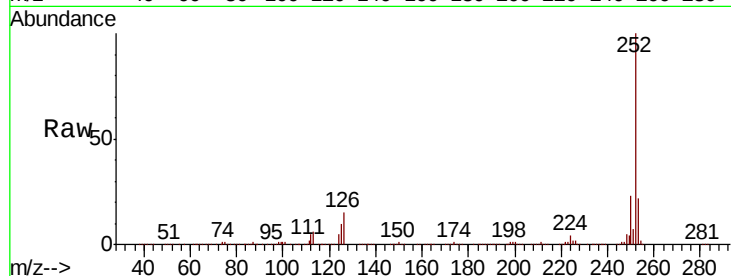




#89
Benzo(k)fluoranthene
Concen: 36.620 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

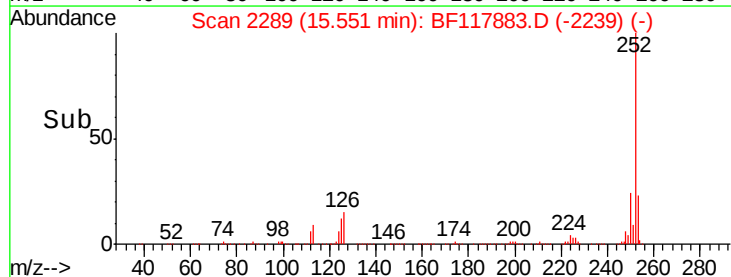
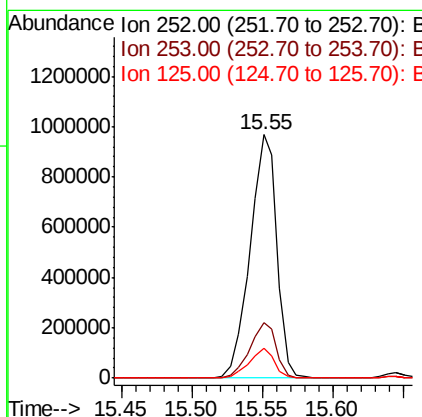
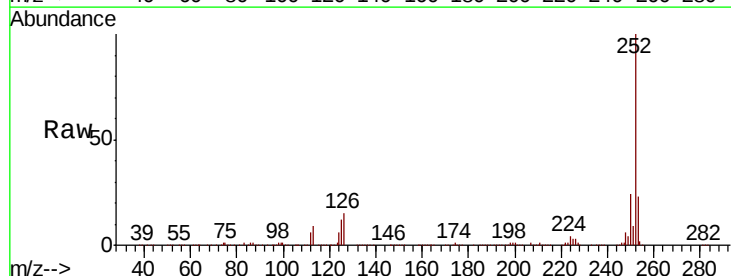
Instrument :
BNA_F
ClientSampleId :

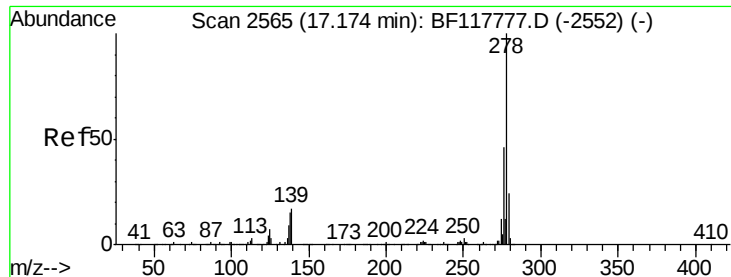
Tot Ion:252 Resp: 1351904
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.0 7.9 11.9



#90
Benzo(a)pyrene
Concen: 37.390 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF117883.D
Acq: 20 Nov 2019 10:46

Tgt Ion:252 Resp: 1288210
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 12.3 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 38.407 ng

RT: 17.17 min Scan# 2565

Delta R.T. -0.00 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

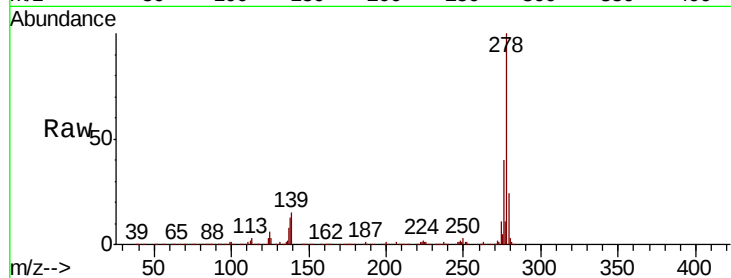
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1138923

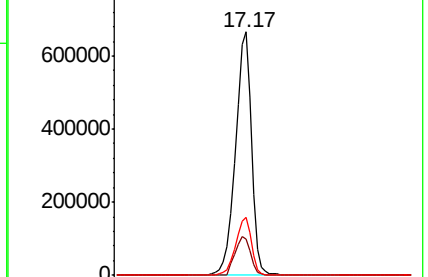
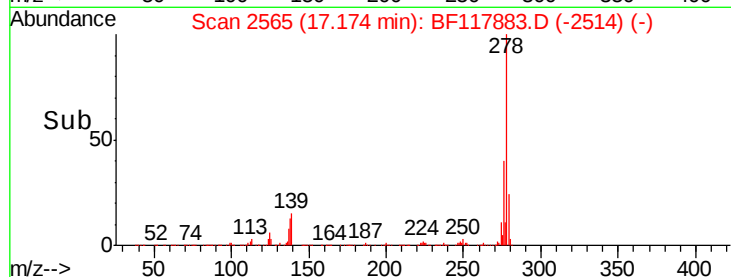
Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.8	20.8
279	23.6	19.6	29.4



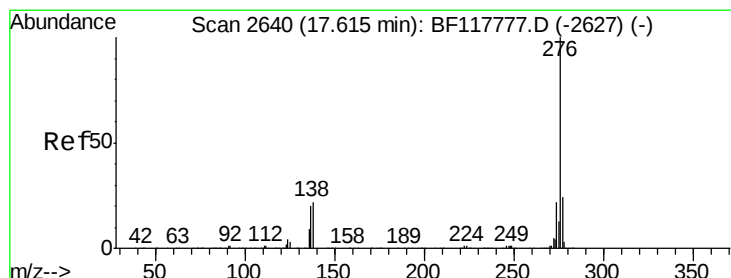
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 34.834 ng

RT: 17.62 min Scan# 2641

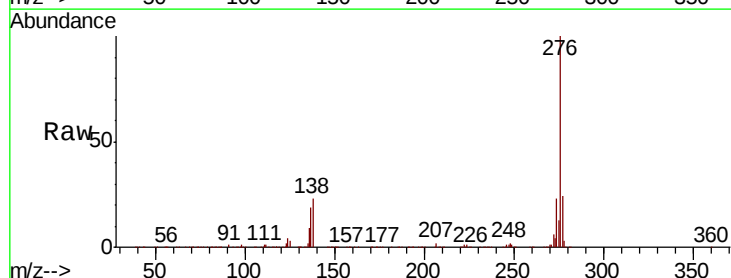
Delta R.T. 0.01 min

Lab File: BF117883.D

Acq: 20 Nov 2019 10:46

Tgt Ion:276 Resp: 1028873

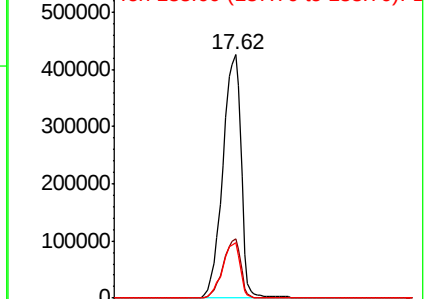
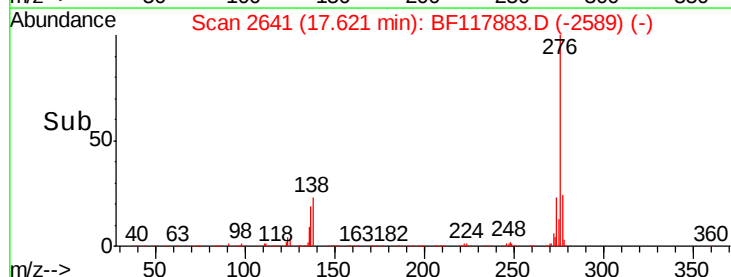
Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	22.8	17.4	26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->