

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117806.D
 Acq On : 15 Nov 2019 16:47
 Operator : JU
 Sample : K5861-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:40:07 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	238777	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	941446	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	496785	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	953007	20.00	ng	0.00
76) Chrysene-d12	14.12	240	655599	20.00	ng	0.00
87) Perylene-d12	15.62	264	671438	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1131676	83.89	ng	0.00
7) Phenol-d6	6.54	99	1450004	89.12	ng	0.00
23) Nitrobenzene-d5	7.48	82	899360	56.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	443907	84.40	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1763856	63.70	ng	0.00
79) Terphenyl-d14	13.05	244	2024152	56.43	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.73	88	205542	32.598	ng	99
3) Pyridine	3.50	79	519009	31.379	ng	98
4) n-Nitrosodimethylamine	3.45	42	270385	37.448	ng	98
6) Aniline	6.58	93	522145	24.285	ng	99
8) 2-Chlorophenol	6.70	128	587029	40.105	ng	99
9) Benzaldehyde	6.46	77	298561	25.274	ng	98
10) Phenol	6.55	94	728477	43.087	ng	100
11) bis(2-Chloroethyl)ether	6.65	93	524606	38.639	ng	99
12) 1,3-Dichlorobenzene	6.86	146	642558	37.288	ng	99
13) 1,4-Dichlorobenzene	6.94	146	654131	37.554	ng	99
14) 1,2-Dichlorobenzene	7.09	146	622501	37.368	ng	99
15) Benzyl Alcohol	7.06	79	502683	40.018	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	757057	36.216	ng	100
17) 2-Methylphenol	7.16	107	490642	39.582	ng	98
18) Hexachloroethane	7.44	117	235239	36.763	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	382593	38.116	ng	98
20) 3+4-Methylphenols	7.32	107	605029	39.321	ng	96
22) Acetophenone	7.33	105	781944	36.969	ng	# 98
24) Nitrobenzene	7.50	77	622969	38.130	ng	97
25) Isophorone	7.74	82	1088076	37.485	ng	97
26) 2-Nitrophenol	7.82	139	327071	41.130	ng	94
27) 2,4-Dimethylphenol	7.85	122	532635	43.105	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	645636	35.051	ng	99
29) 2,4-Dichlorophenol	8.06	162	509119	37.984	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	554135	35.642	ng	100
31) Naphthalene	8.23	128	1715047	39.077	ng	99
32) Benzoic acid	7.96	122	366448	35.418	ng	98
33) 4-Chloroaniline	8.27	127	260791	13.273	ng	99
34) Hexachlorobutadiene	8.35	225	311384	34.256	ng	99
35) Caprolactam	8.63	113	105611	24.792	ng	95
36) 4-Chloro-3-methylphenol	8.75	107	520725	38.281	ng	98
37) 2-Methylnaphthalene	8.92	142	1165697	39.309	ng	99
38) 1-Methylnaphthalene	9.02	142	1089141	38.849	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	510798	35.405	ng	99

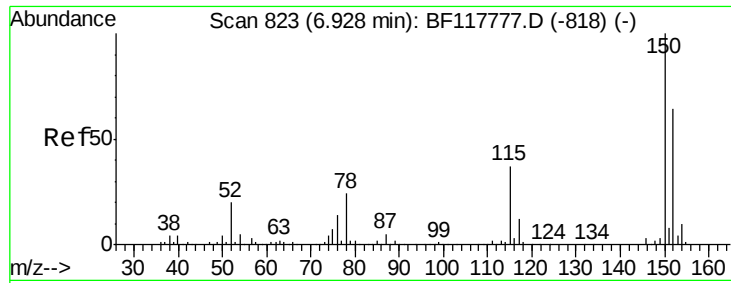
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117806.D
 Acq On : 15 Nov 2019 16:47
 Operator : JU
 Sample : K5861-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:40:07 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)
41) Hexachlorocyclopentadiene	9.08	237	657024	81.265	nq	97
43) 2,4,6-Trichlorophenol	9.20	196	384574	37.216	nq	98
44) 2,4,5-Trichlorophenol	9.24	196	405928	37.834	nq	96
46) 1,1'-Biphenyl	9.39	154	1401142	38.016	nq	99
47) 2-Chloronaphthalene	9.42	162	1093567	36.067	nq	99
48) 2-Nitroaniline	9.50	65	331237	36.185	nq	98
49) Acenaphthylene	9.83	152	1734414	39.235	nq	99
50) Dimethylphthalate	9.69	163	1413710	40.581	nq	100
51) 2,6-Dinitrotoluene	9.75	165	296391	38.929	nq	97
52) Acenaphthene	10.00	154	1143544	40.382	nq	99
53) 3-Nitroaniline	9.92	138	205809	22.591	nq	98
54) 2,4-Dinitrophenol	10.02	184	265139	68.879	nq	# 89
55) Dibenzofuran	10.18	168	1504466	38.366	nq	97
56) 4-Nitrophenol	10.07	139	534997	78.673	nq	95
57) 2,4-Dinitrotoluene	10.15	165	390086	40.277	nq	100
58) Fluorene	10.52	166	1146971	37.745	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	334397	37.932	nq	100
60) Diethylphthalate	10.39	149	1240212	36.516	nq	99
61) 4-Chlorophenyl-phenylether	10.51	204	572626	37.132	nq	98
62) 4-Nitroaniline	10.53	138	296061	32.456	nq	99
63) Azobenzene	10.67	77	1162970	37.638	nq	96
65) 4,6-Dinitro-2-methylphenol	10.56	198	189901	42.684	nq	97
66) n-Nitrosodiphenylamine	10.63	169	1045246	37.686	nq	99
67) 4-Bromophenyl-phenylether	11.00	248	363526	35.353	nq	96
68) Hexachlorobenzene	11.07	284	424787	35.428	nq	100
69) Atrazine	11.16	200	352352	38.620	nq	98
70) Pentachlorophenol	11.26	266	491347	70.141	nq	100
71) Phenanthrene	11.49	178	1765215	36.841	nq	100
72) Anthracene	11.54	178	1831426	38.552	nq	100
73) Carbazole	11.69	167	1608339	38.743	nq	100
74) Di-n-butylphthalate	12.02	149	1900482	36.769	nq	100
75) Fluoranthene	12.68	202	1824914	41.188	nq	99
77) Benzidine	12.80	184	893662	41.615	nq	100
78) Pyrene	12.91	202	1857064	35.051	nq	99
80) Butylbenzylphthalate	13.53	149	812116	35.688	nq	96
81) Benzo(a)anthracene	14.10	228	1568563	36.206	nq	99
82) 3,3'-Dichlorobenzidine	14.06	252	469012	30.950	nq	98
83) Chrysene	14.14	228	1517958	36.159	nq	100
84) Bis(2-ethylhexyl)phthalate	14.09	149	1067146	38.681	nq	98
85) Di-n-octyl phthalate	14.71	149	1732539	42.747	nq	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1645152	46.045	nq	99
88) Benzo(b)fluoranthene	15.17	252	1573113	36.061	nq	99
89) Benzo(k)fluoranthene	15.20	252	1359576	33.077	nq	98
90) Benzo(a)pyrene	15.56	252	1337236	34.860	nq	99
91) Dibenzo(a,h)anthracene	17.17	278	1365755	41.365	nq	99
92) Benzo(g,h,i)perylene	17.62	276	1393453	42.372	nq	98

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

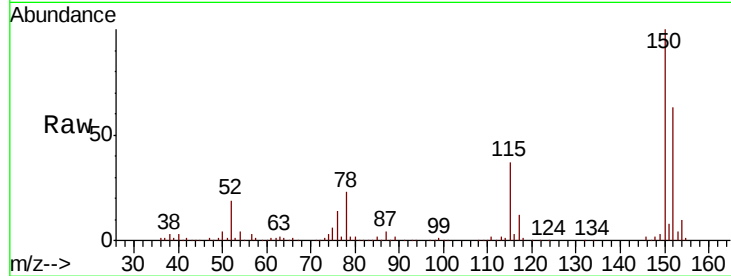


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.3	187.9
115	58.5	47.0	70.4

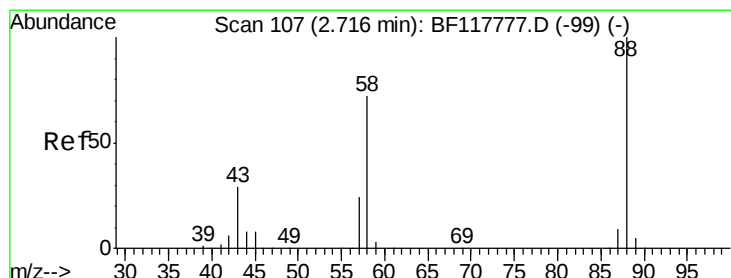
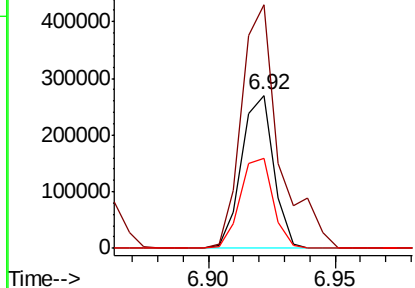
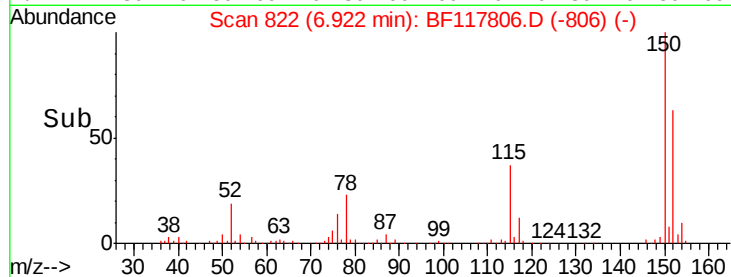


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

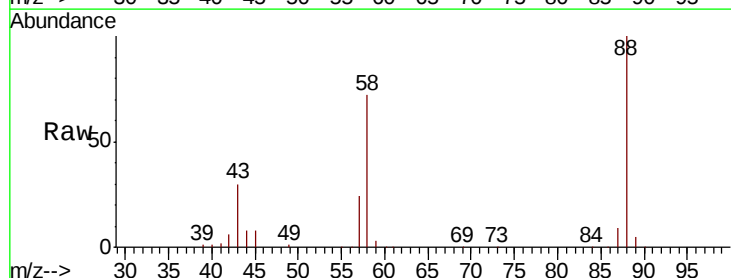
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.598 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.02 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	58.2	87.2
43	30.1	23.3	34.9

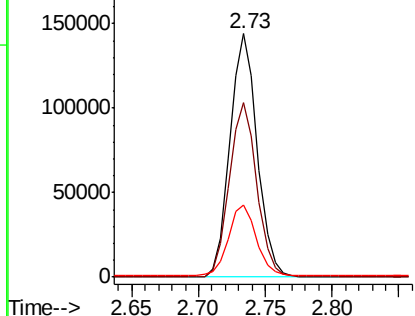
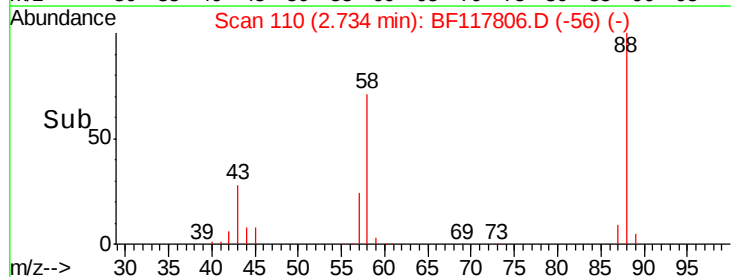


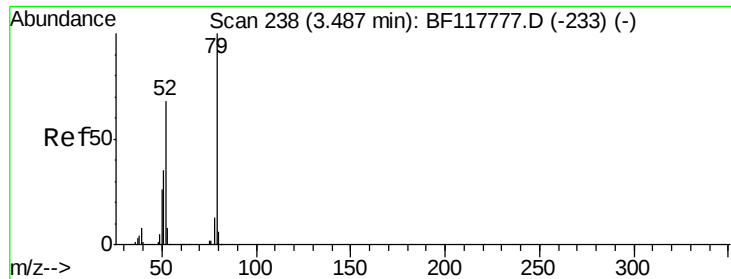
Abundance

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: 31.379 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

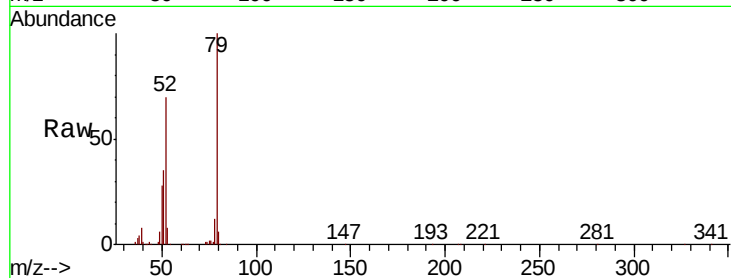
Tot Ion: 79 Resp: 519009

Ion Ratio Lower Upper

79 100

52 70.4 54.8 82.2

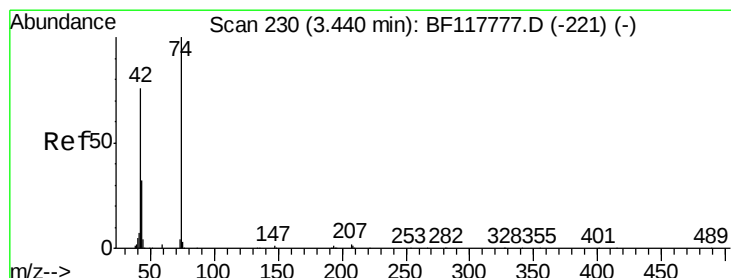
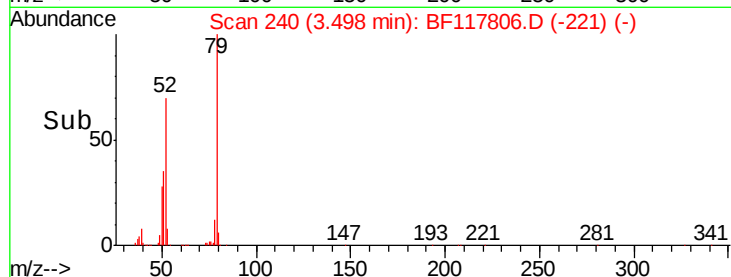
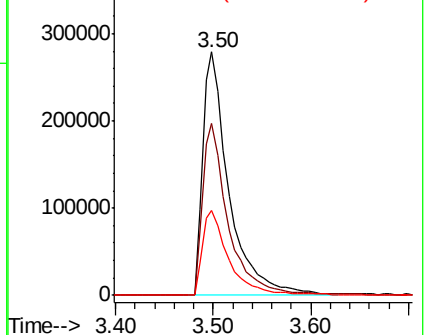
51 35.1 28.2 42.4



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: 37.448 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

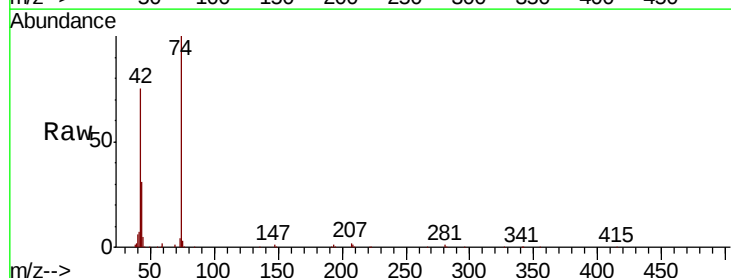
Tgt Ion: 42 Resp: 270385

Ion Ratio Lower Upper

42 100

74 134.0 105.1 157.7

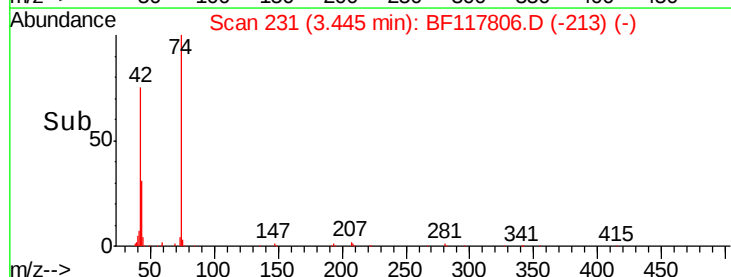
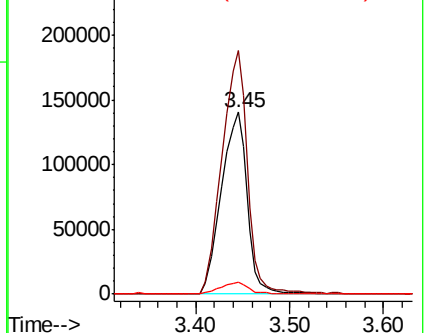
44 6.4 4.6 7.0



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: 83.894 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampled :

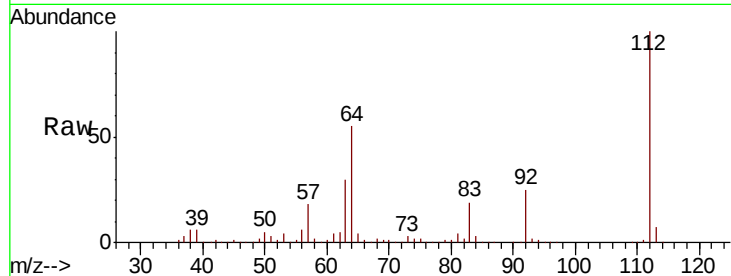
Tot Ion:112 Resp: 1131676

Ion Ratio Lower Upper

112 100

64 55.4 45.6 68.4

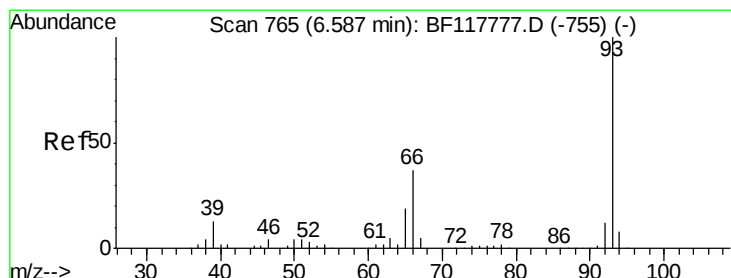
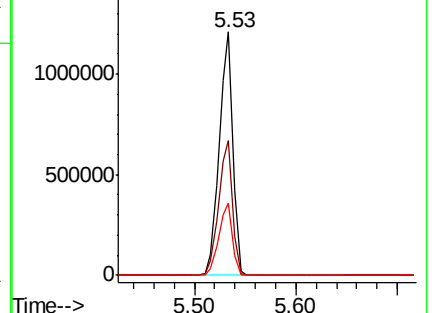
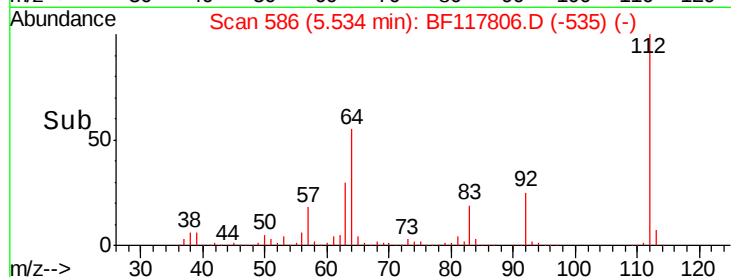
63 29.8 24.1 36.1



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: 24.285 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

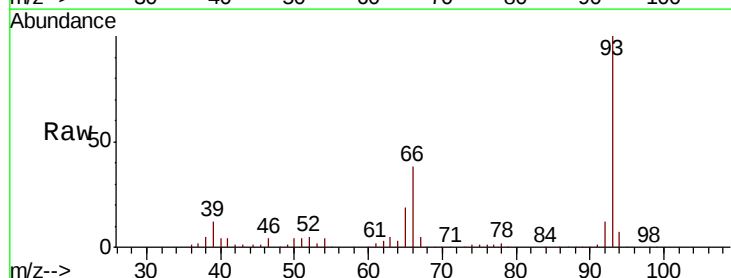
Tgt Ion: 93 Resp: 522145

Ion Ratio Lower Upper

93 100

66 38.0 30.6 45.8

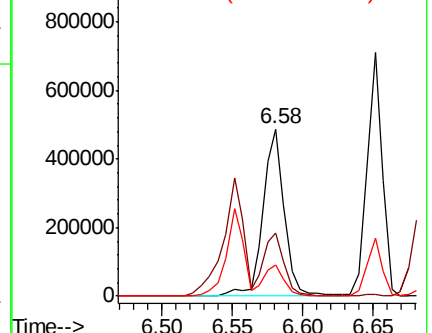
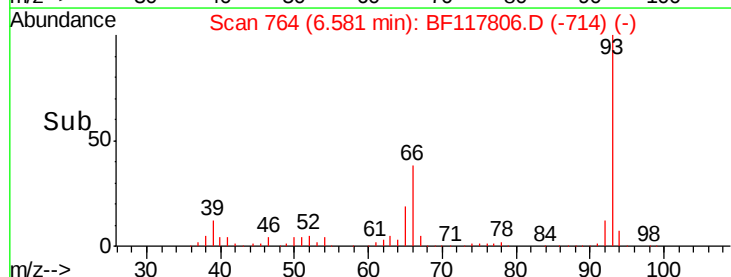
65 18.6 15.6 23.4

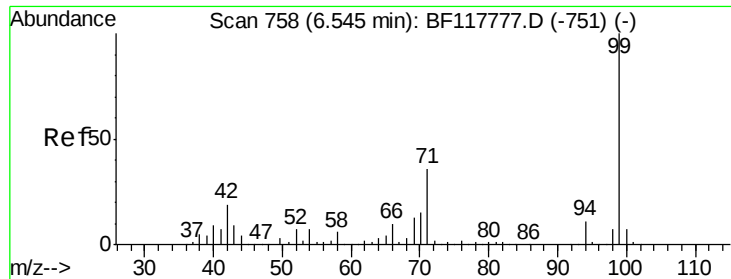


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.119 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

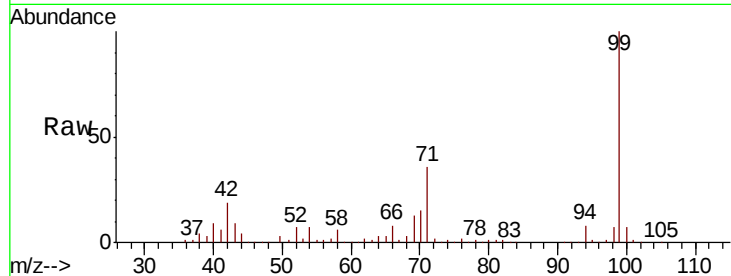
Tot Ion: 99 Resp: 1450004

Ion Ratio Lower Upper

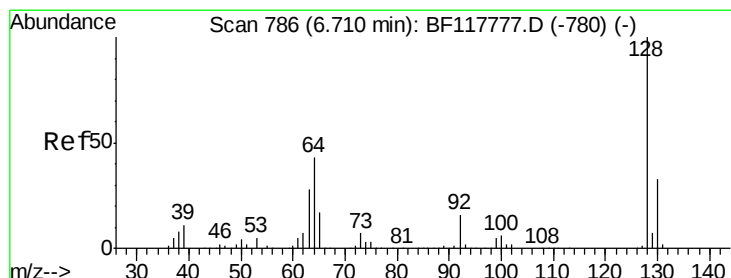
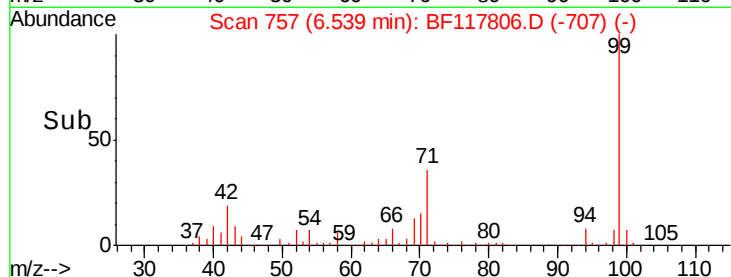
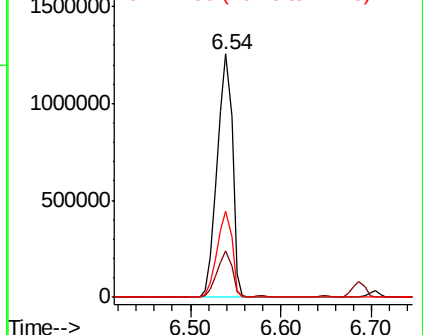
99 100

42 19.0 14.9 22.3

71 35.6 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: 40.105 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

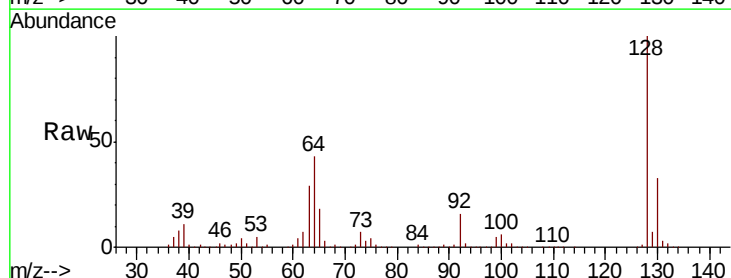
Tgt Ion:128 Resp: 587029

Ion Ratio Lower Upper

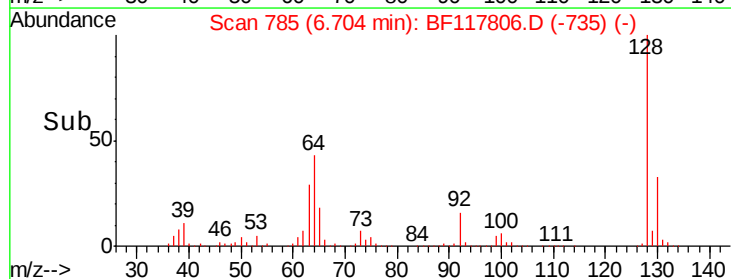
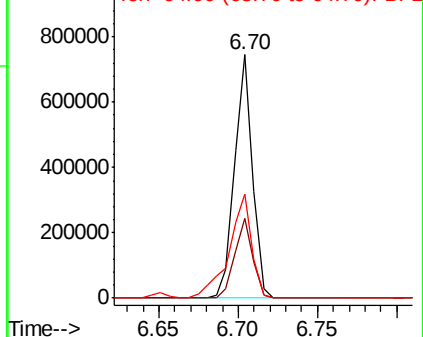
128 100

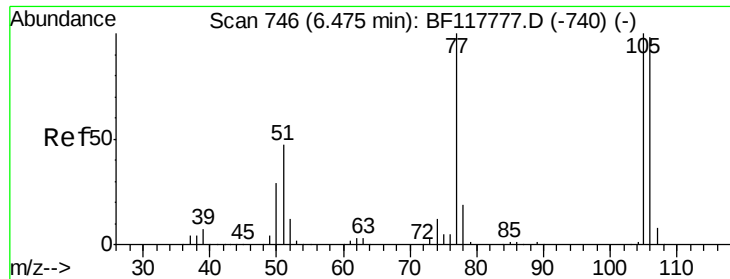
130 33.0 13.2 53.2

64 42.5 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: 25.274 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampled :

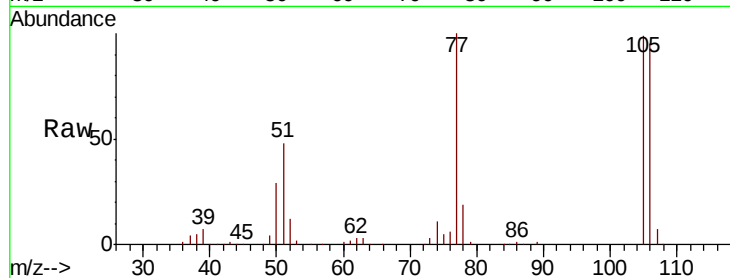
Tot Ion: 77 Resp: 298561

Ion Ratio Lower Upper

77 100

105 99.4 80.2 120.2

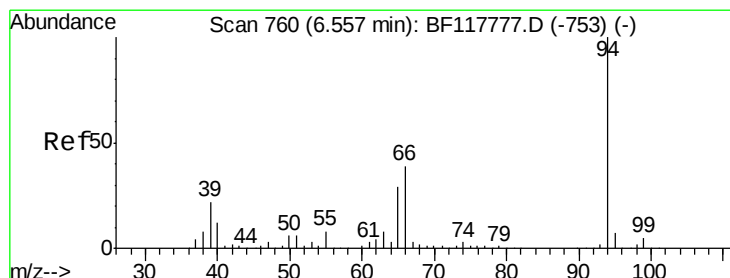
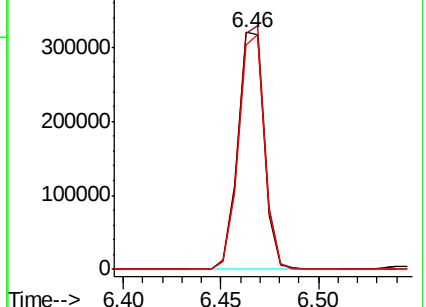
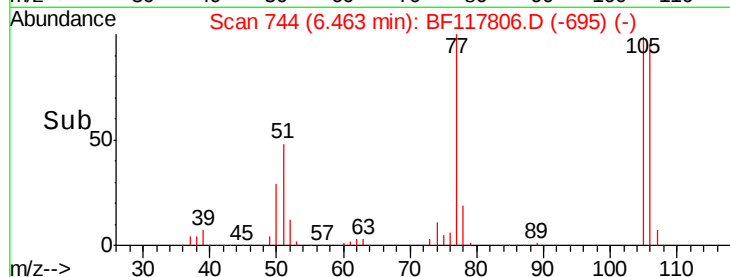
106 94.5 78.4 118.4



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: 43.087 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

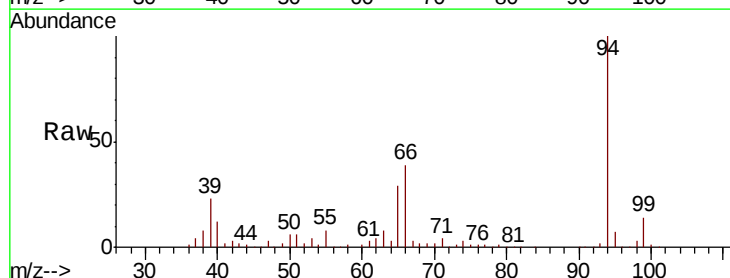
Tgt Ion: 94 Resp: 728477

Ion Ratio Lower Upper

94 100

65 28.8 8.9 48.9

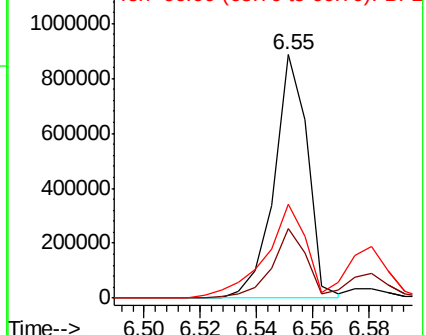
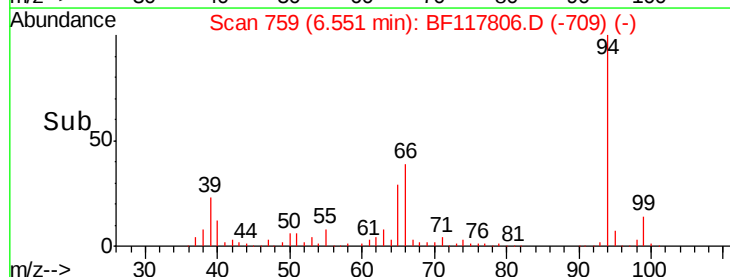
66 38.8 18.7 58.7

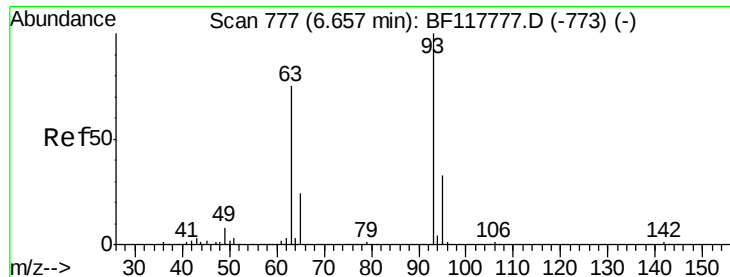


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.639 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

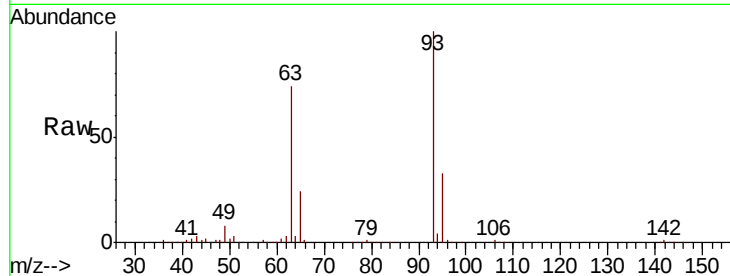
Tot Ion: 93 Resp: 524606

Ion Ratio Lower Upper

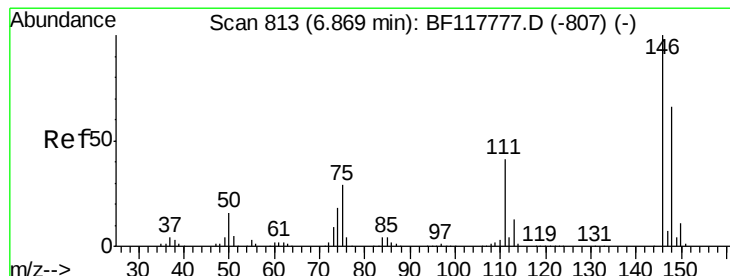
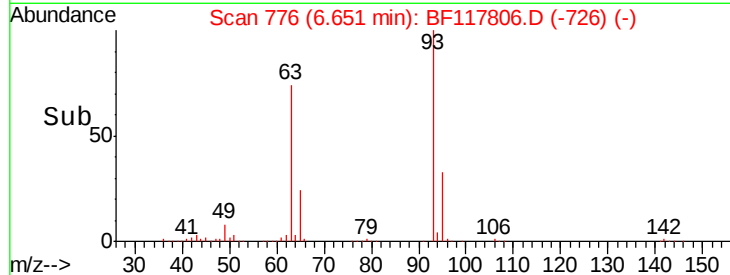
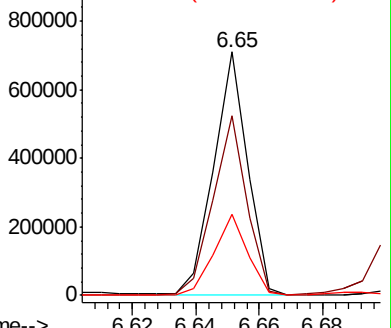
93 100

63 73.6 54.8 94.8

95 33.5 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: 37.288 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

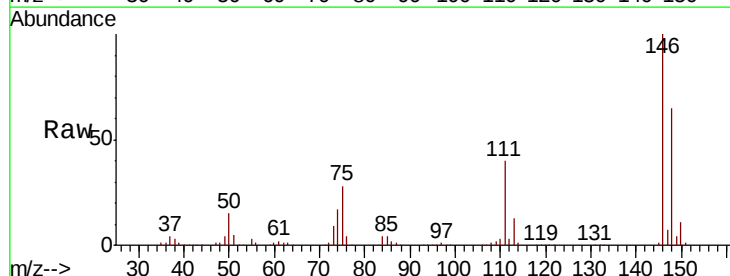
Tgt Ion: 146 Resp: 642558

Ion Ratio Lower Upper

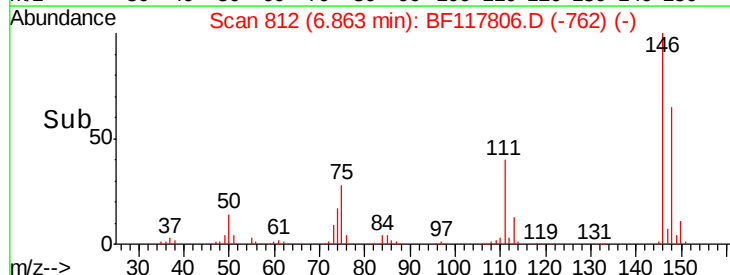
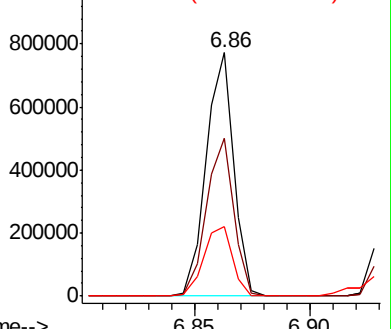
146 100

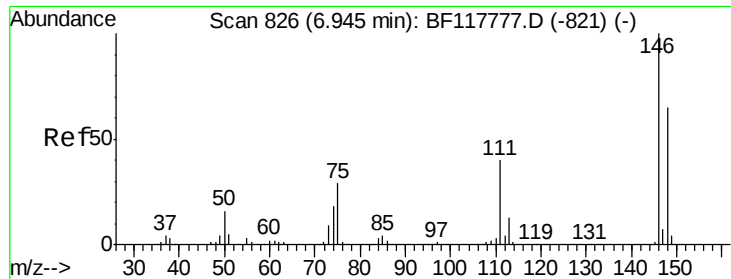
148 64.9 52.8 79.2

75 28.5 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

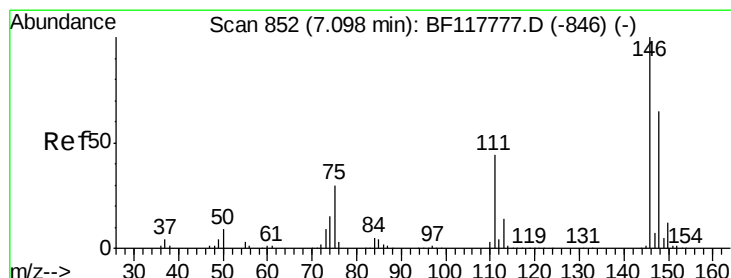
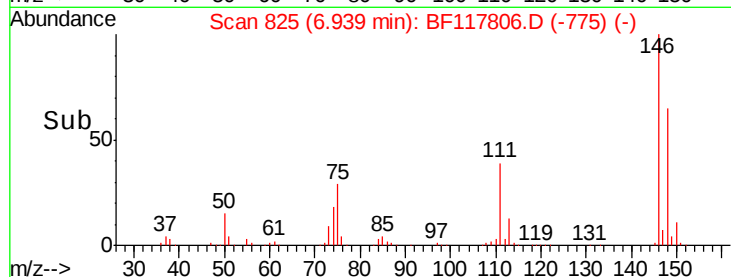
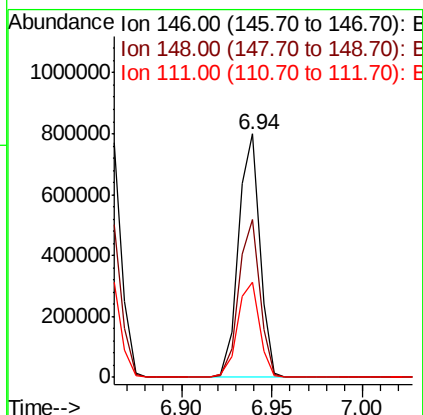
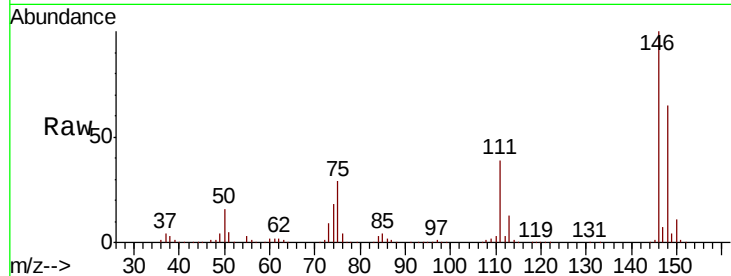




#13
 1,4-Dichlorobenzene
 Concen: 37.554 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

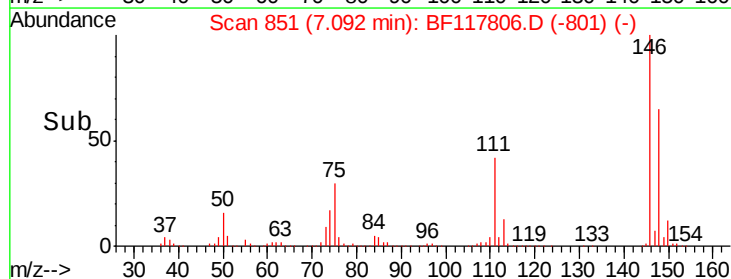
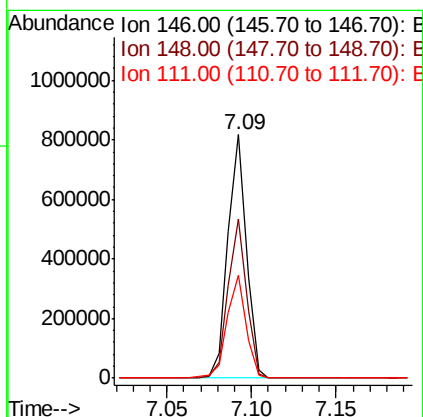
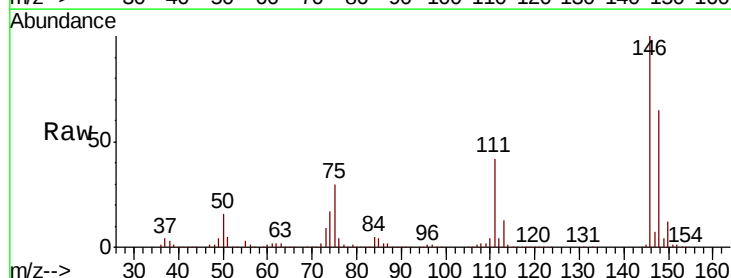
Instrument :
 BNA_F
 ClientSampleId :

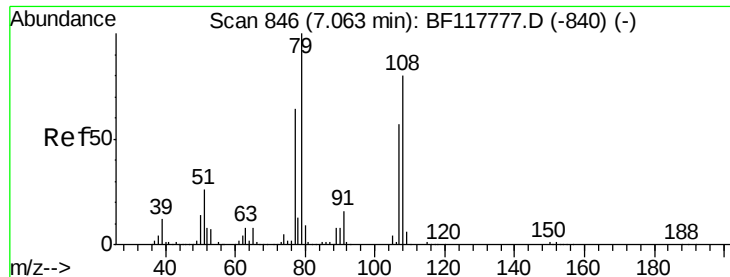
Tot Ion:146 Resp: 654131
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.3 78.5
 111 39.3 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 37.368 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Tgt Ion:146 Resp: 622501
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.8 77.8
 111 42.3 35.0 52.6





#15

Benzyl Alcohol

Concen: 40.018 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

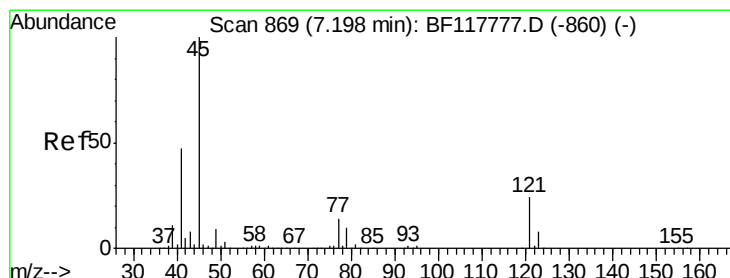
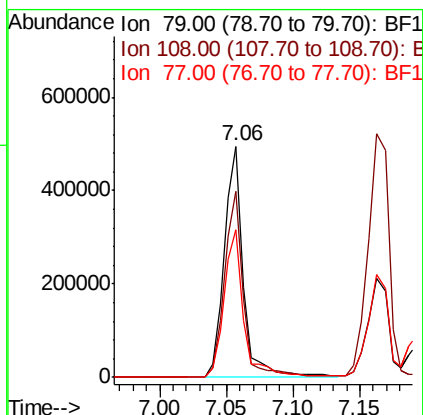
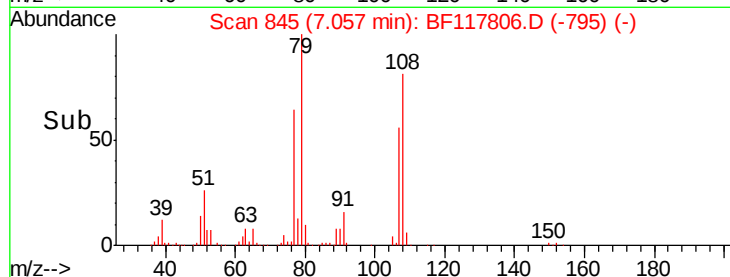
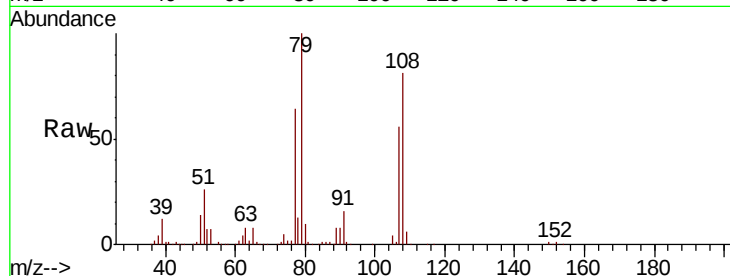
Tot Ion: 79 Resp: 502683

Ion Ratio Lower Upper

79 100

108 80.8 64.1 96.1

77 63.8 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.216 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

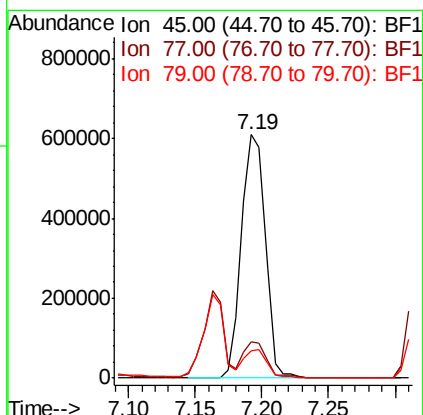
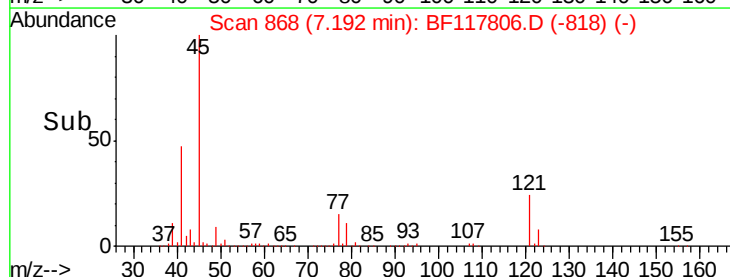
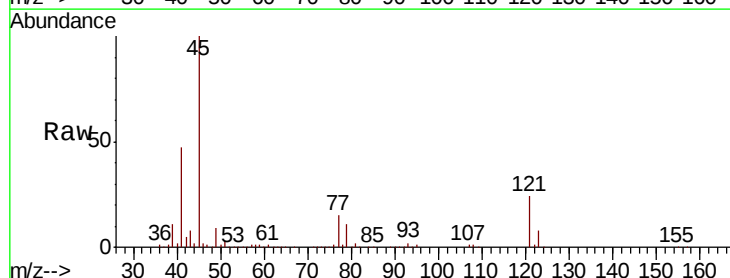
Tgt Ion: 45 Resp: 757057

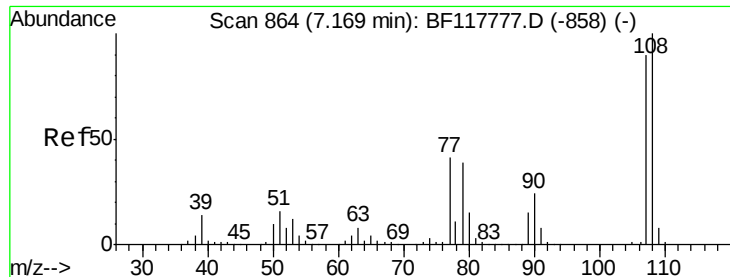
Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.0

79 11.3 0.0 31.1

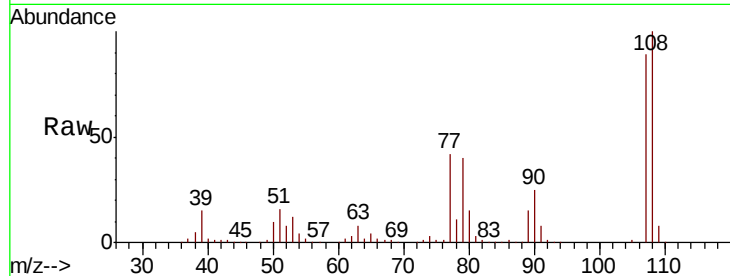




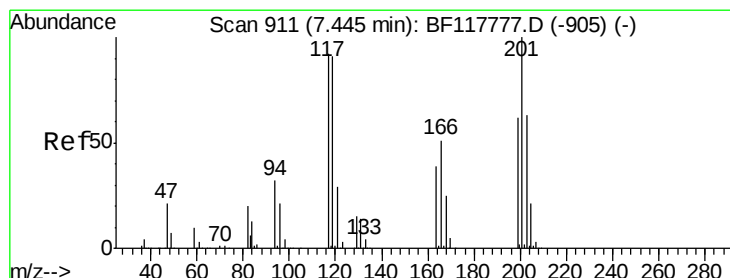
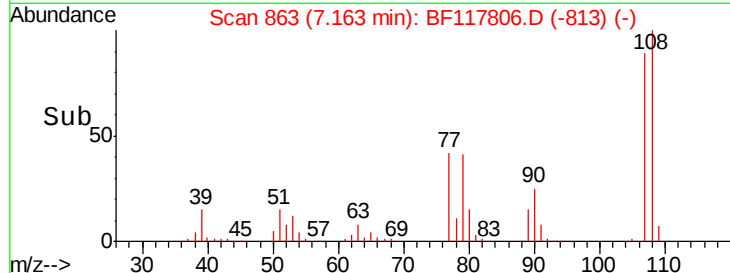
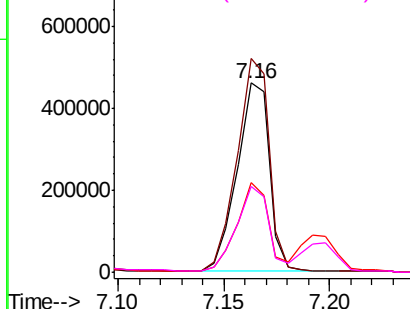
#17
2-Methylphenol
Concen: 39.582 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	490642
Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.1	133.7
77	47.7	36.6	54.8
79	45.7	35.2	52.8

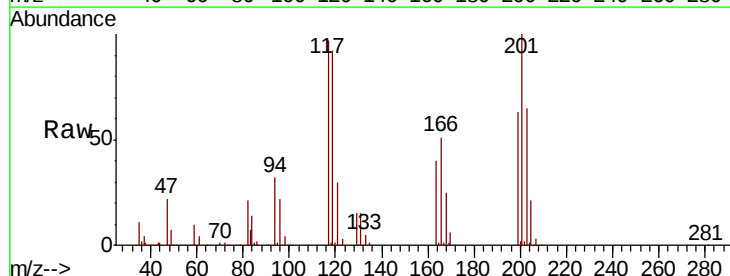


Abundance Ion 107.00 (106.70 to 107.70): E
800000 Ion 108.00 (107.70 to 108.70): E
600000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
200000
0

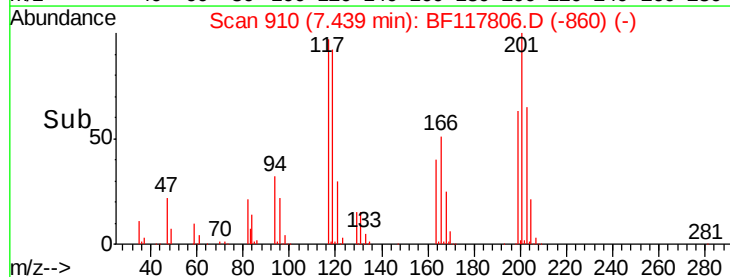
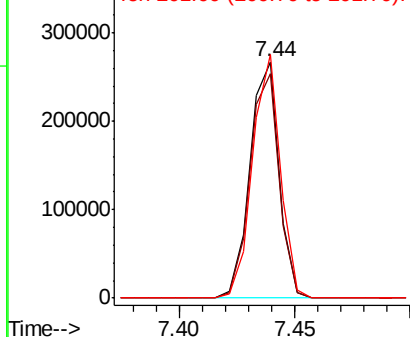


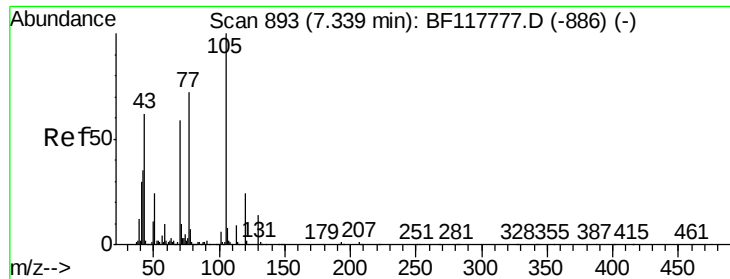
#18
Hexachloroethane
Concen: 36.763 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:	117	Resp:	235239
Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.7	118.1
201	103.1	86.5	129.7



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
100000
0

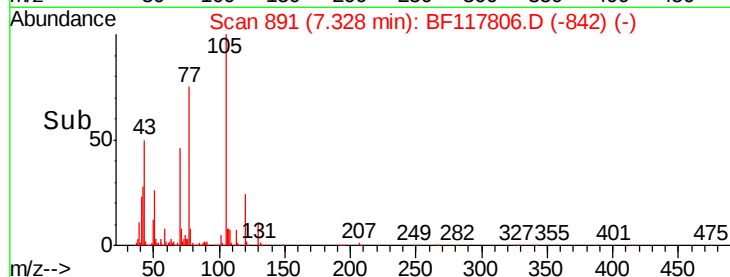
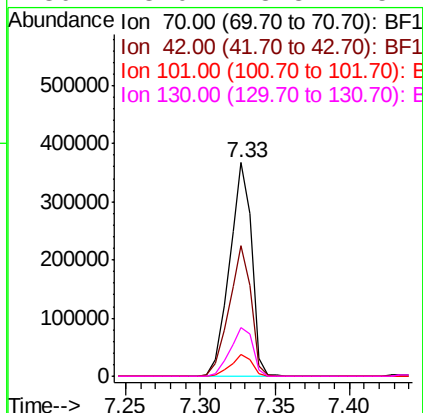
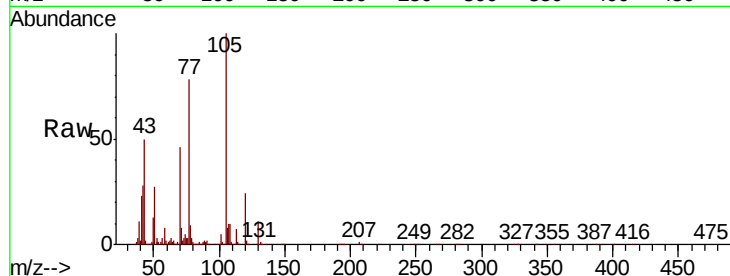




#19
n-Nitroso-di-n-propylamine
Concen: 38.116 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

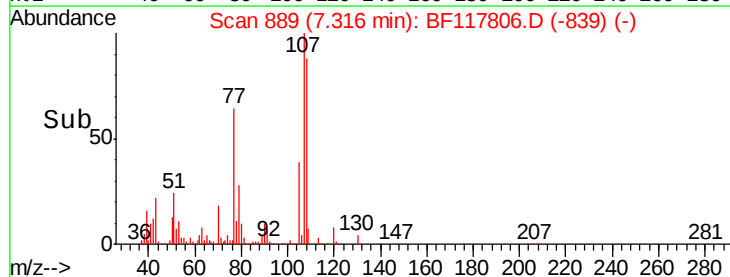
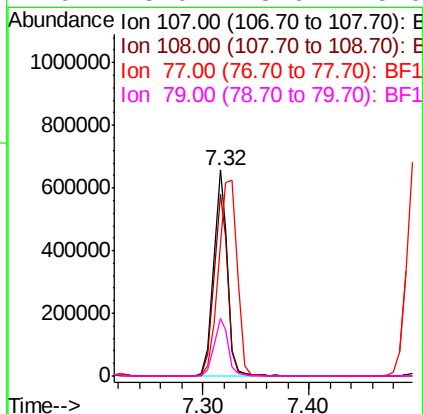
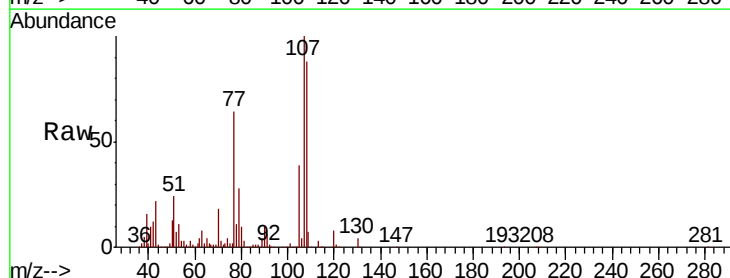
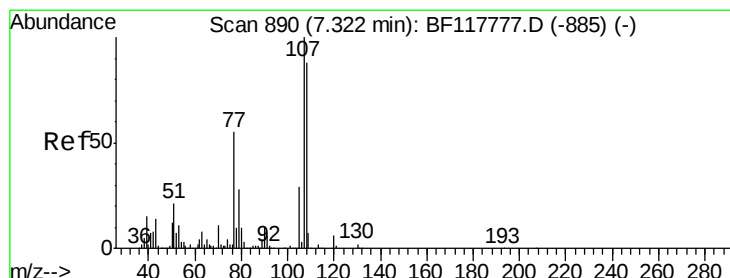
Instrument :
BNA_F
ClientSampled :

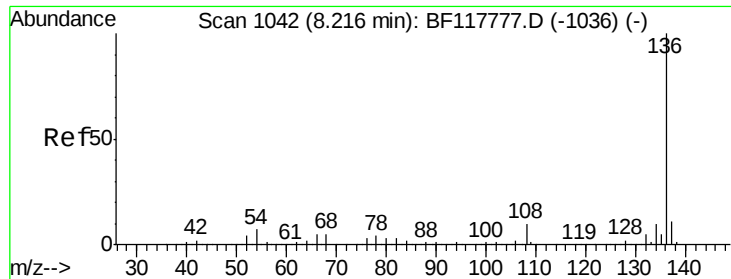
Tot Ion:	70	Resp:	382593
Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.4	71.2
101	10.1	8.4	12.6
130	23.0	18.8	28.2



#20
3+4-Methylphenols
Concen: 39.321 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:	107	Resp:	605029
Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.4	108.4
77	64.1	35.2	75.2
79	28.0	8.6	48.6

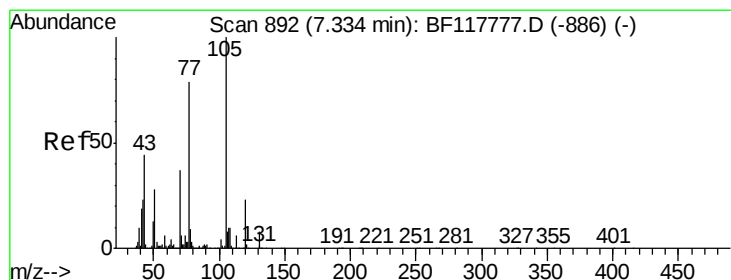
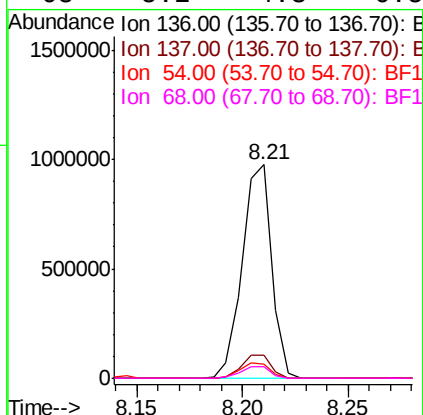
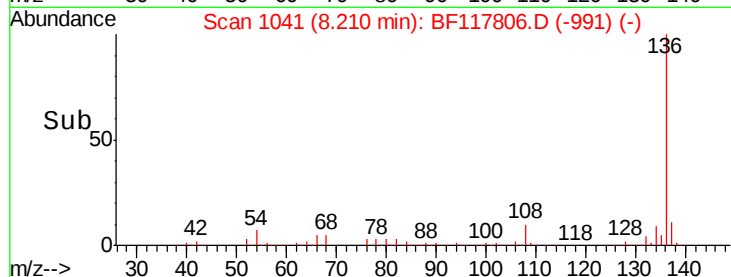
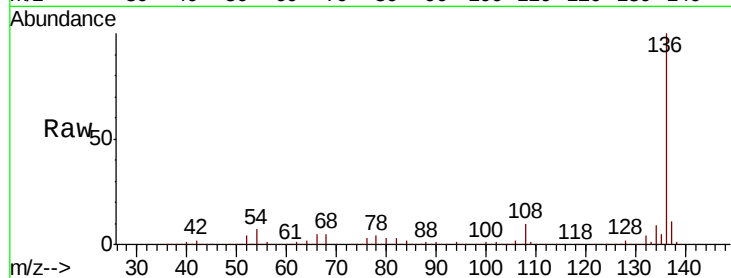




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

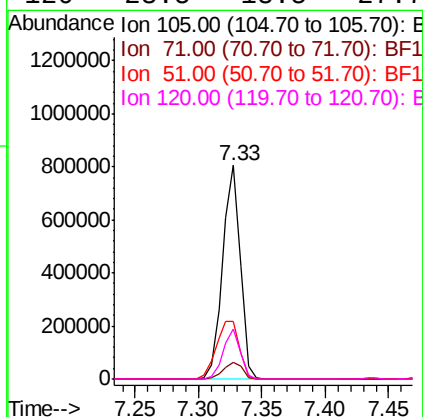
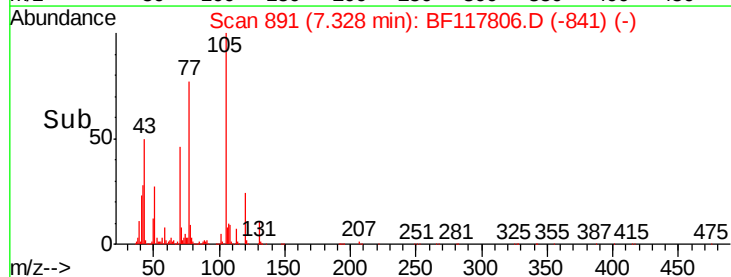
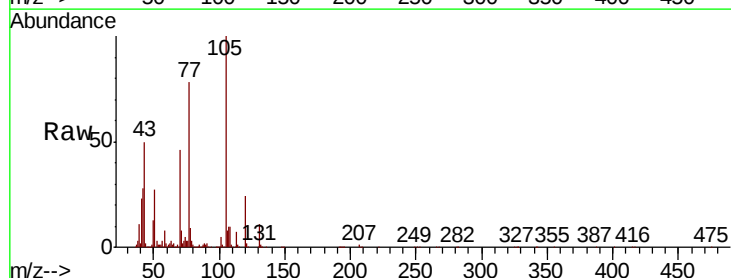
Instrument :
BNA_F
ClientSampled :

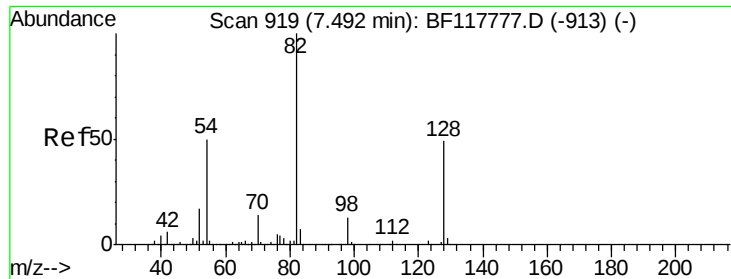
Tot Ion:136	Resp:	941446
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	6.8	5.4 8.2
68	5.2	4.3 6.5



#22
Acetophenone
Concen: 36.969 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:105	Resp:	781944
Ion Ratio	Lower	Upper
105	100	
71	7.7	4.9 7.3#
51	26.8	22.7 34.1
120	23.5	18.5 27.7

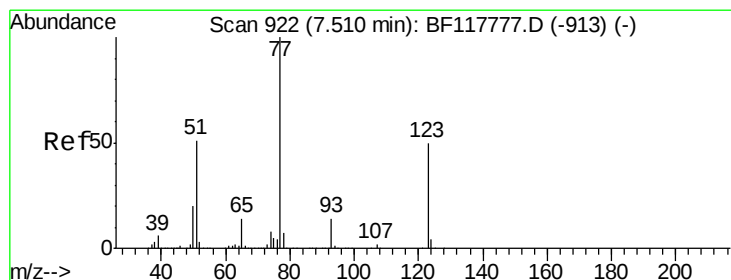
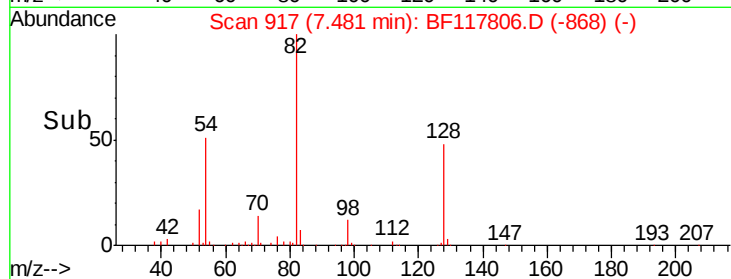
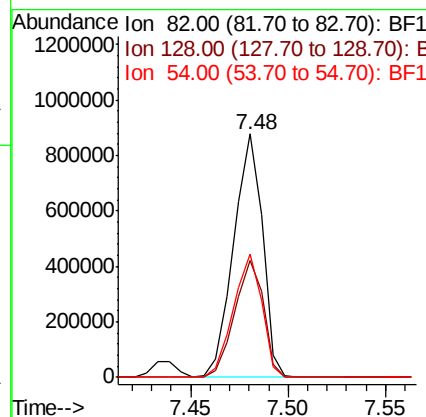
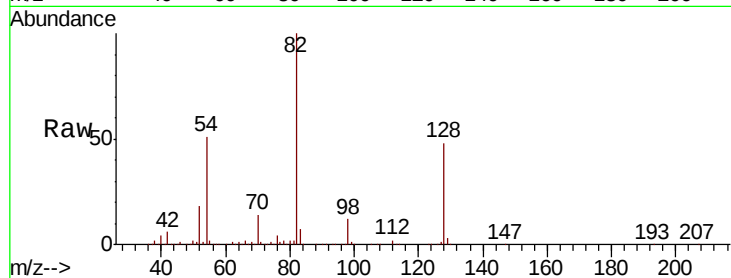




#23
 Nitrobenzene-d5
 Concen: 56.788 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

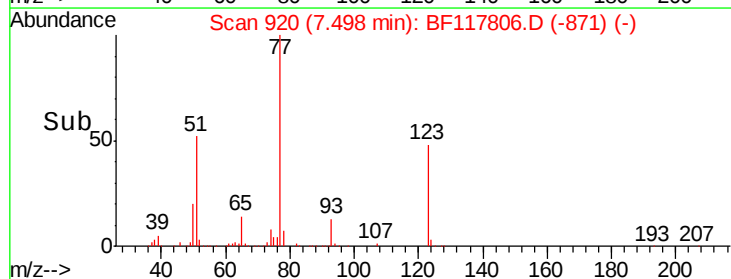
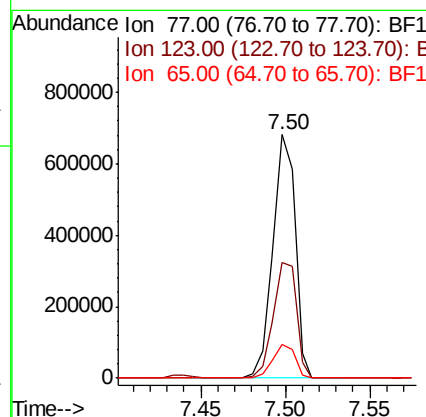
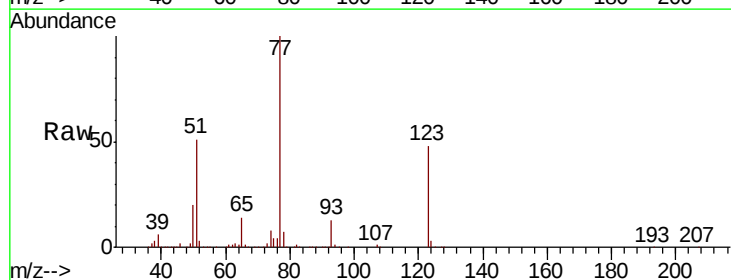
Instrument :
 BNA_F
 ClientSampled :

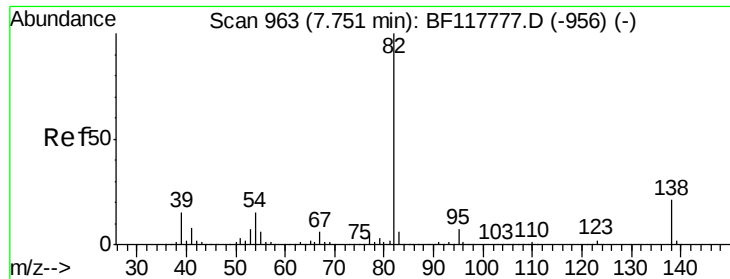
Tot Ion	82	Resp	899360
Ion Ratio	100	Lower	Upper
128	48.1	38.9	58.3
54	50.9	39.8	59.6



#24
 Nitrobenzene
 Concen: 38.130 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Tgt Ion	77	Resp	622969
Ion Ratio	100	Lower	Upper
123	47.7	40.3	60.5
65	13.8	10.9	16.3





#25

Isophorone

Concen: 37.485 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampled :

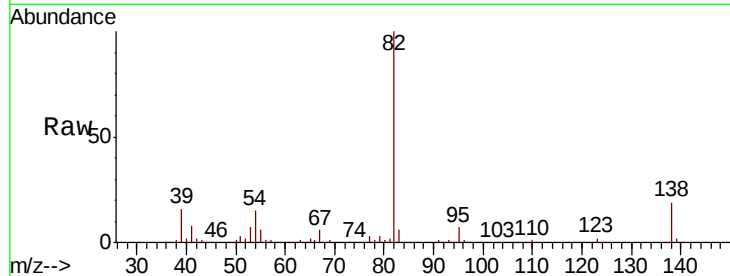
Tot Ion: 82 Resp: 1088076

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.8

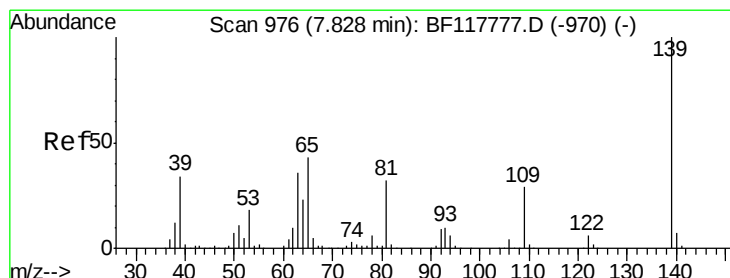
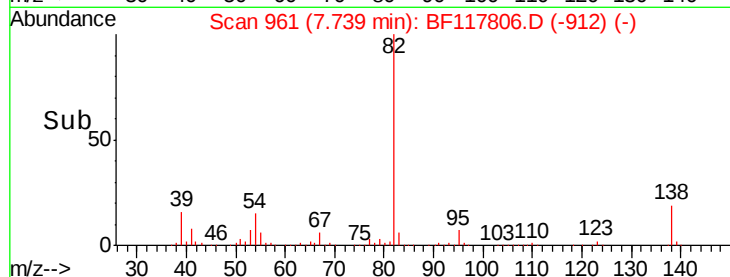
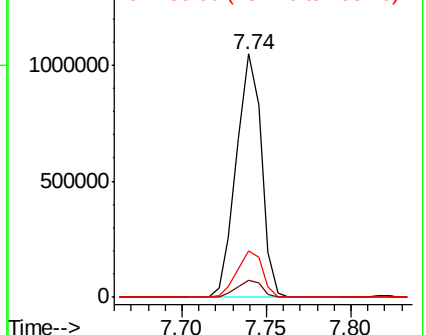
138 19.0 16.5 24.7



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: 41.130 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

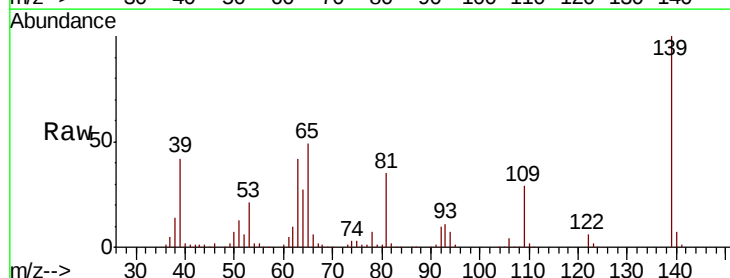
Tgt Ion: 139 Resp: 327071

Ion Ratio Lower Upper

139 100

109 29.5 23.0 34.4

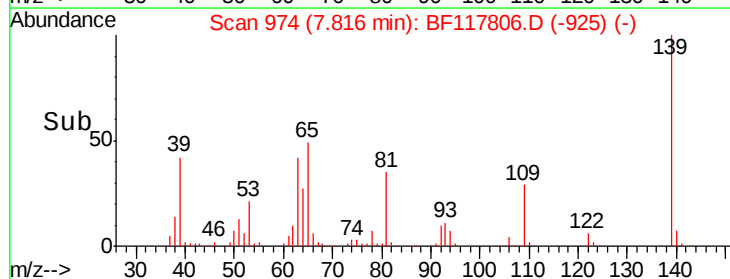
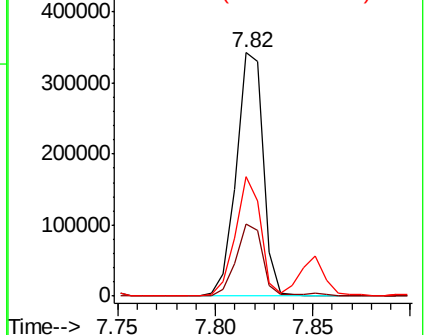
65 49.0 34.7 52.1

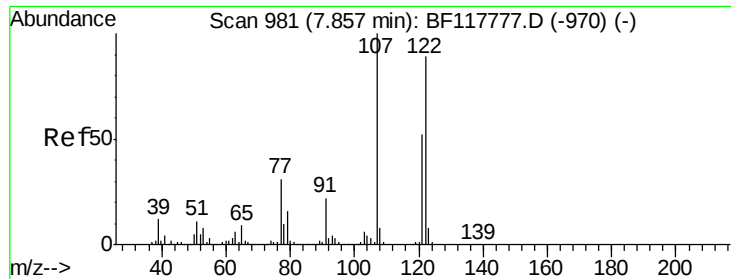


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.105 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

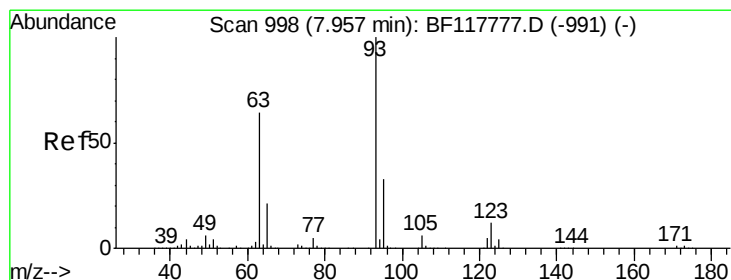
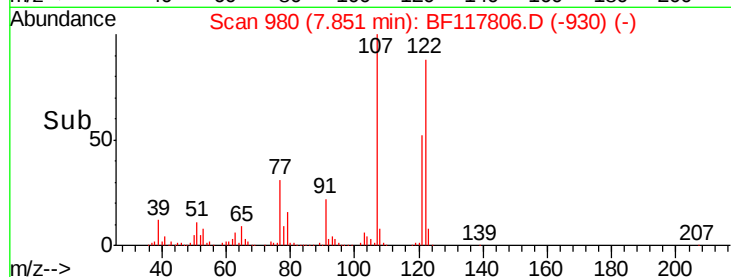
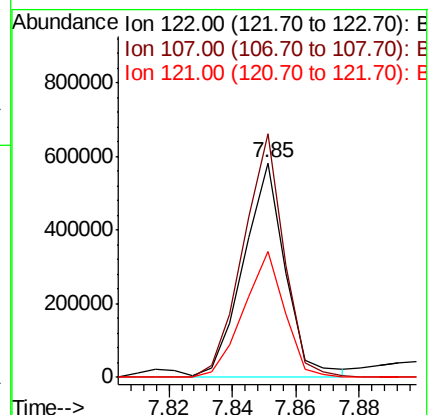
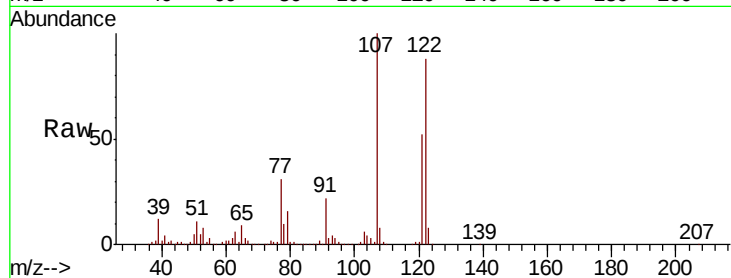
Tot Ion:122 Resp: 532635

Ion Ratio Lower Upper

122 100

107 113.7 90.0 135.0

121 58.6 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 35.051 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

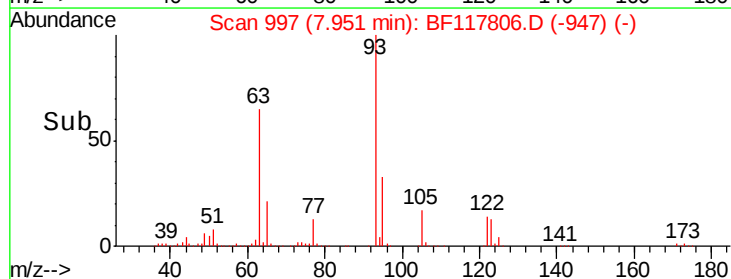
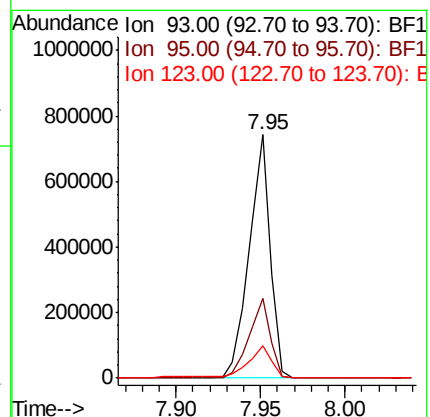
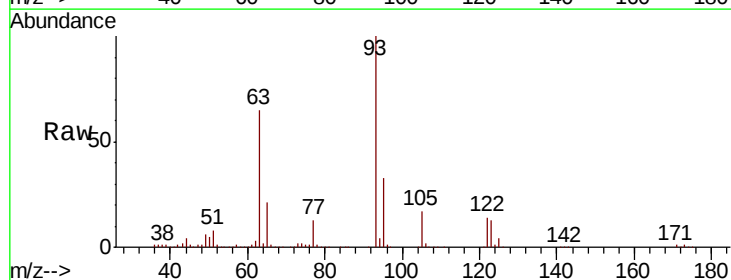
Tgt Ion: 93 Resp: 645636

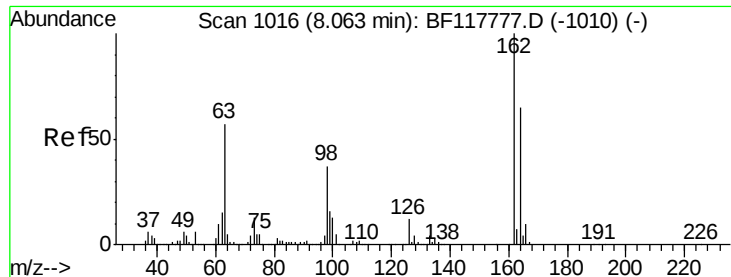
Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

123 13.2 10.3 15.5

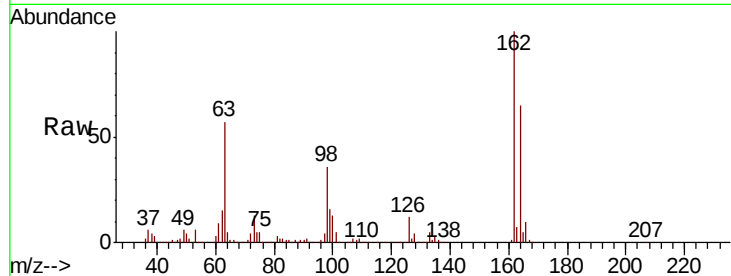




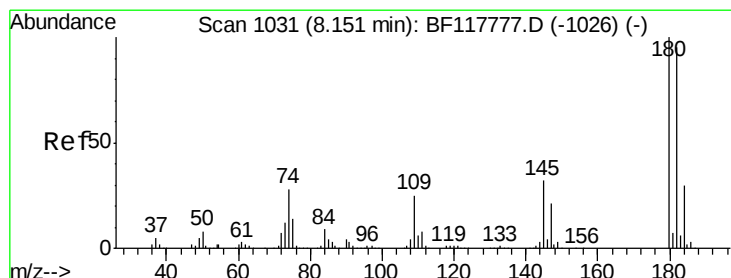
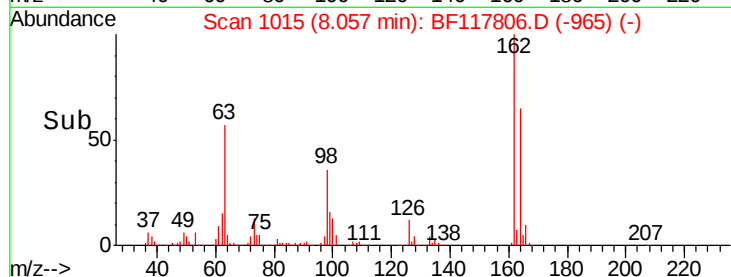
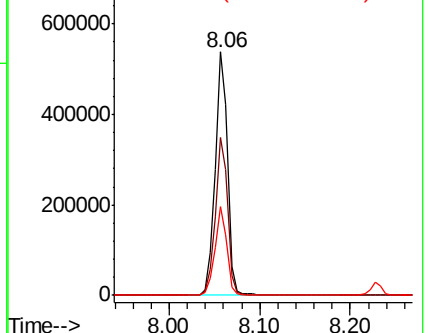
#29
2,4-Dichlorophenol
Concen: 37.984 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 509119
Ion Ratio Lower Upper
162 100
164 64.6 45.1 85.1
98 36.3 17.2 57.2

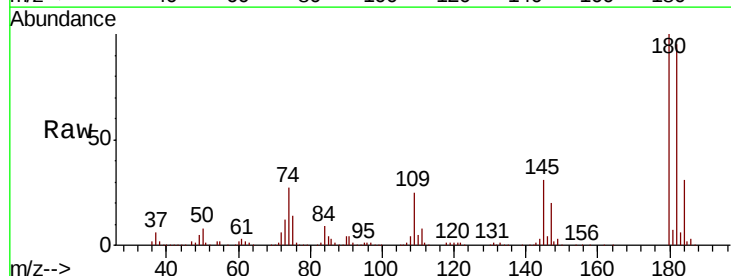


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

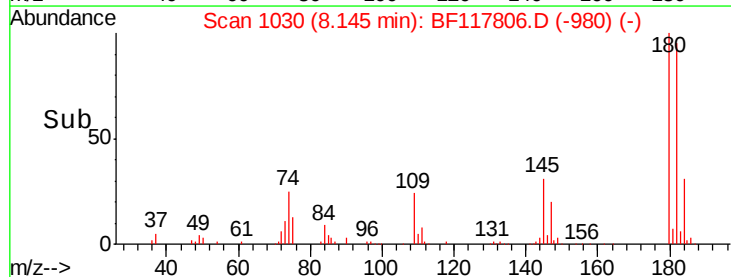
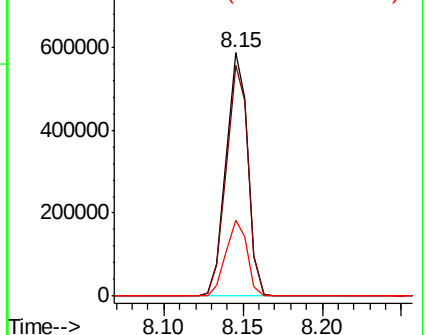


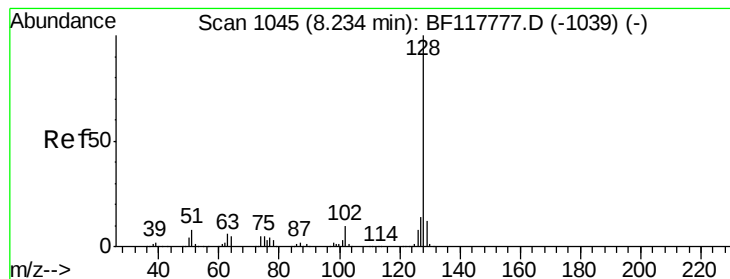
#30
1,2,4-Trichlorobenzene
Concen: 35.642 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:180 Resp: 554135
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.6
145 31.4 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: 39.077 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampled :

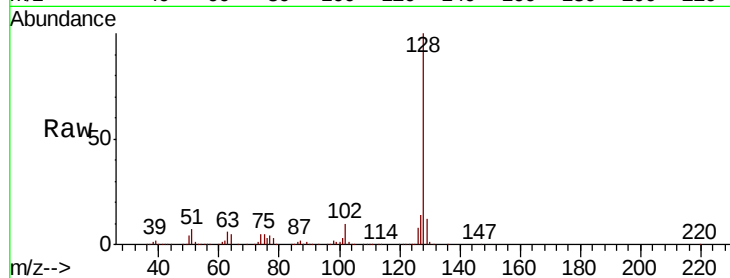
Tot Ion:128 Resp: 1715047

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

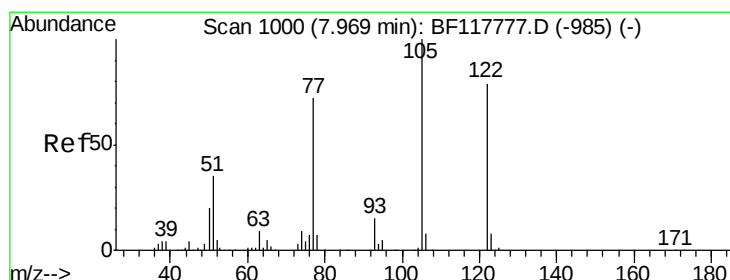
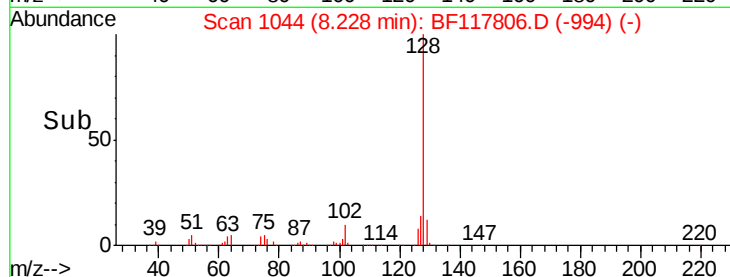
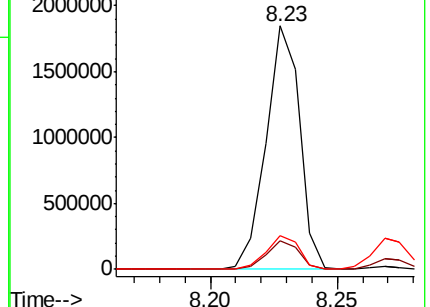
127 13.9 11.3 16.9



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: 35.418 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

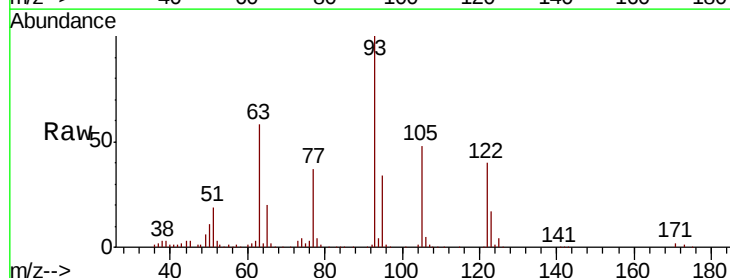
Tgt Ion:122 Resp: 366448

Ion Ratio Lower Upper

122 100

105 120.8 102.7 142.7

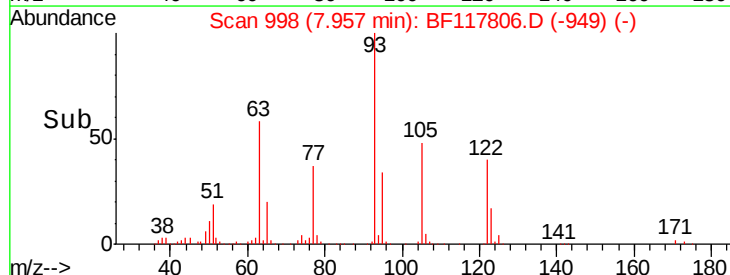
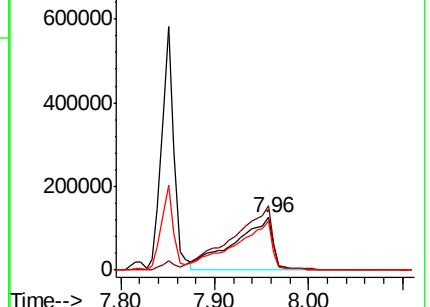
77 93.1 70.5 110.5

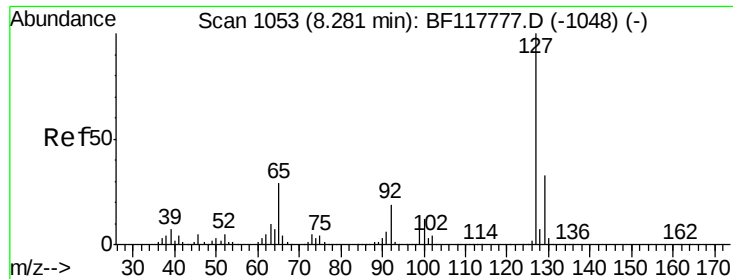


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

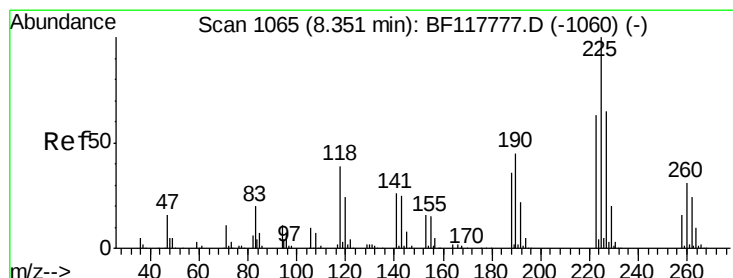
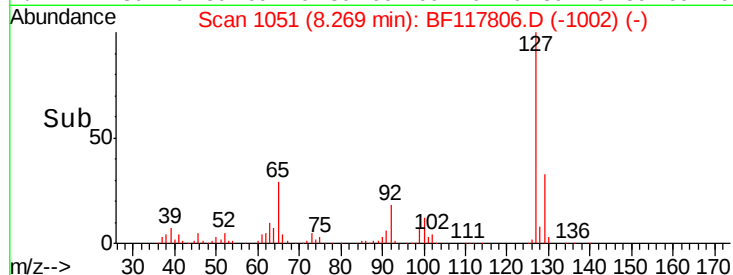
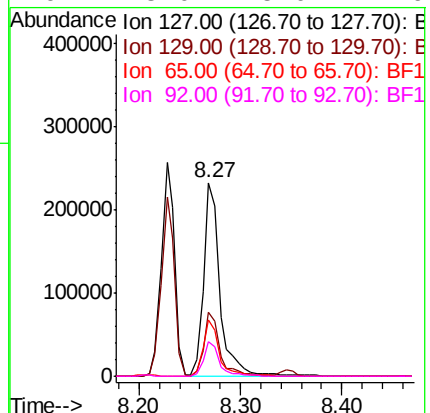
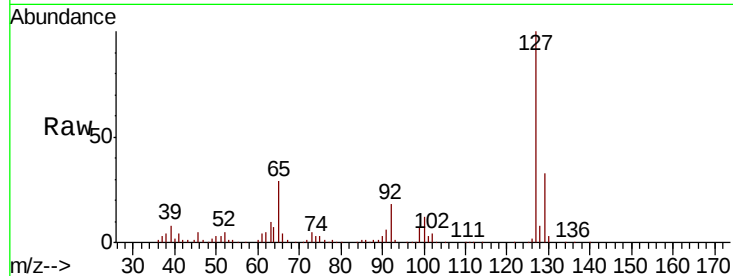




#33
4-Chloroaniline
Concen: 13.273 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

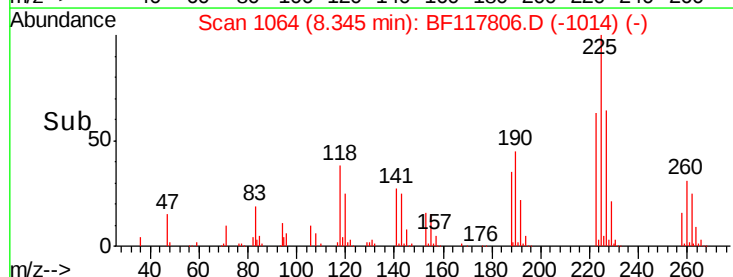
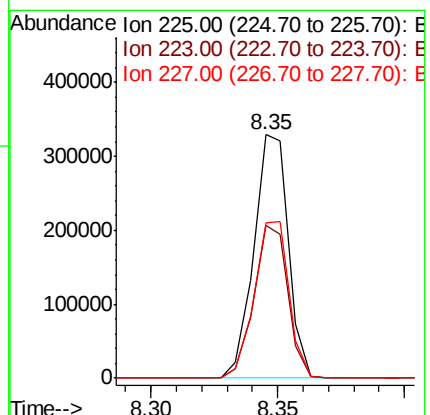
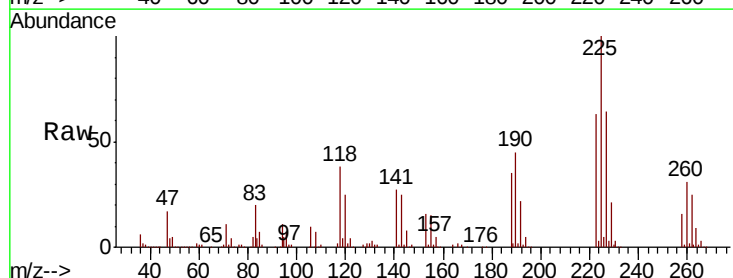
Instrument :
BNA_F
ClientSampleId :

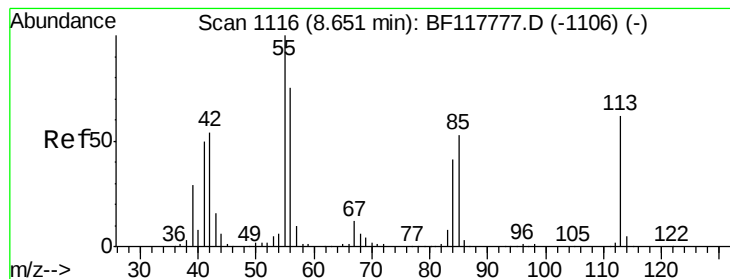
Tot Ion:	127	Resp:	260791
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	28.9	22.9	34.3
92	18.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 34.256 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:	225	Resp:	311384
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.0	75.0
227	63.6	51.8	77.6





#35

Caprolactam

Concen: 24.792 ng

RT: 8.63 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

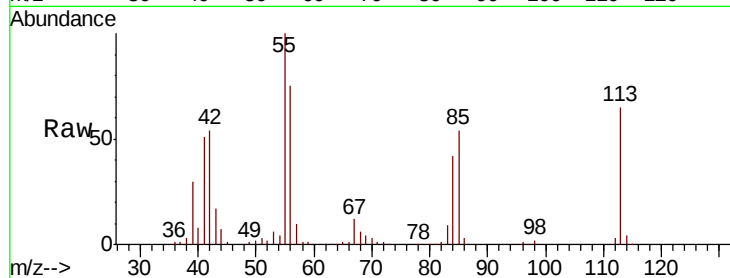
Tot Ion:113 Resp: 105611

Ion Ratio Lower Upper

113 100

55 154.6 141.1 181.1

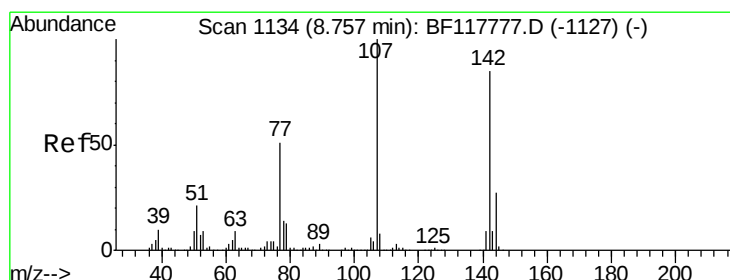
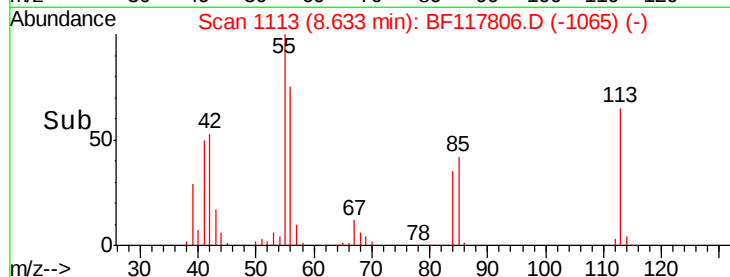
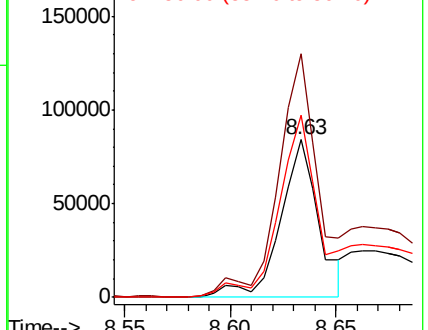
56 115.4 100.5 140.5



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: 38.281 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

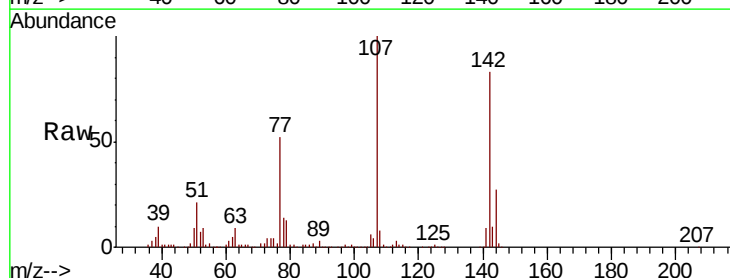
Tgt Ion:107 Resp: 520725

Ion Ratio Lower Upper

107 100

144 26.8 21.9 32.9

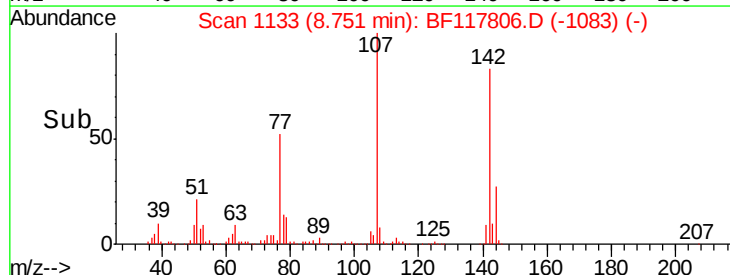
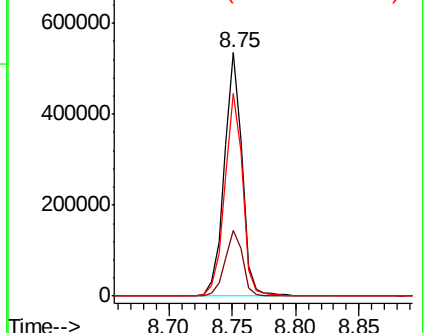
142 83.1 67.7 101.5

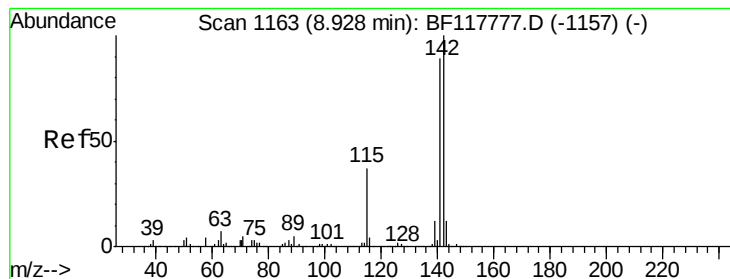


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.309 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

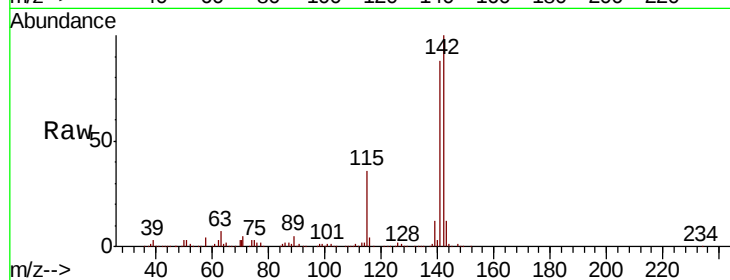
Tot Ion:142 Resp: 1165697

Ion Ratio Lower Upper

142 100

141 88.5 71.1 106.7

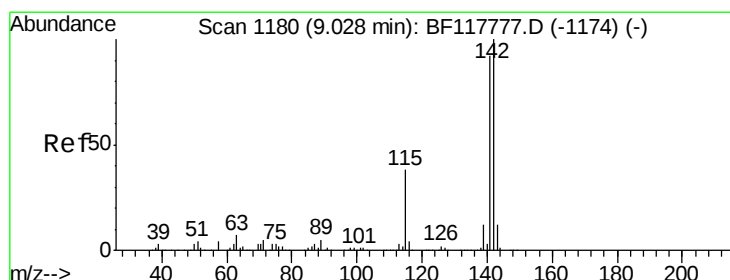
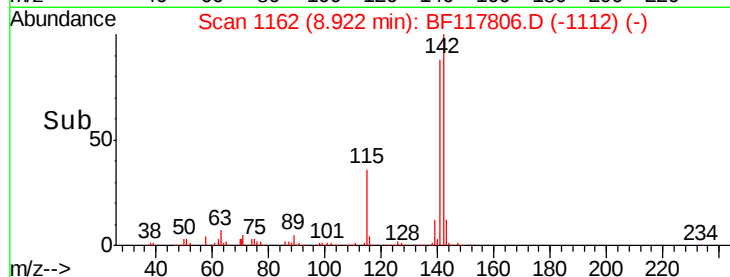
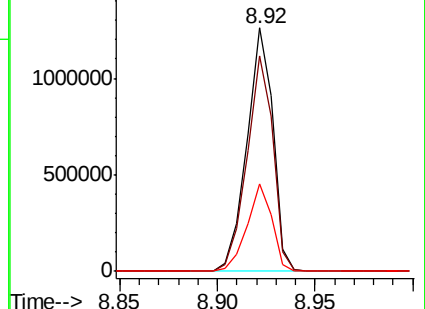
115 35.9 29.2 43.8



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: 38.849 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

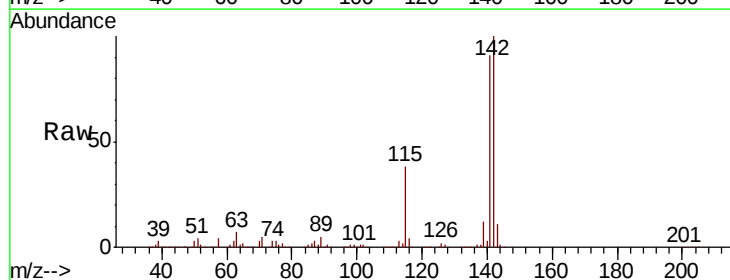
Tgt Ion:142 Resp: 1089141

Ion Ratio Lower Upper

142 100

141 90.9 73.5 110.3

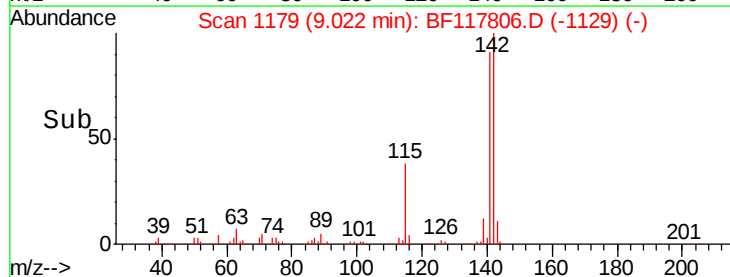
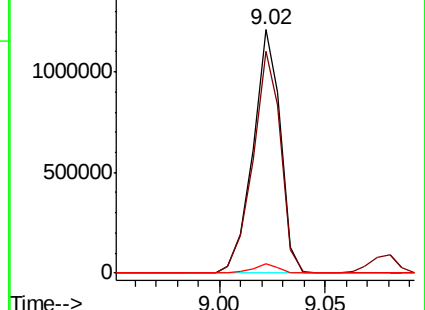
116 3.8 3.2 4.8



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

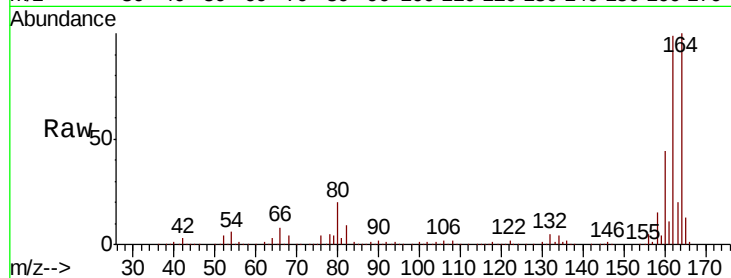




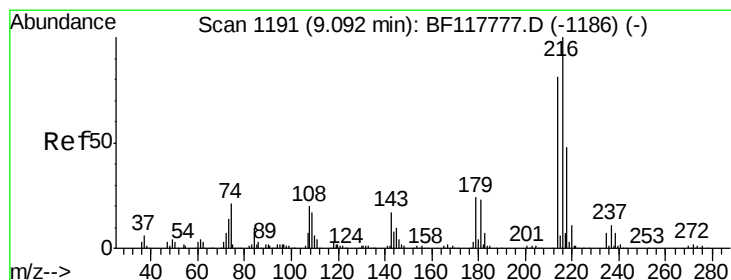
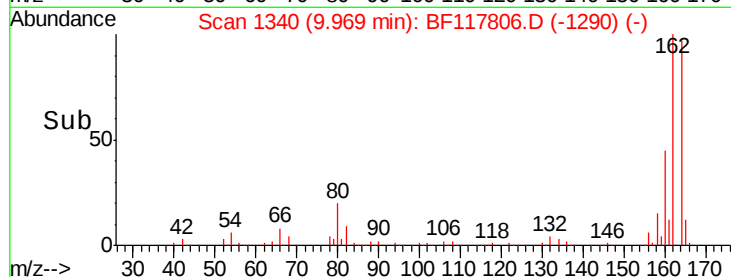
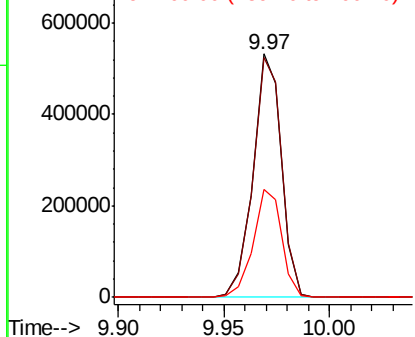
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 496785
Ion Ratio Lower Upper
164 100
162 98.6 81.3 121.9
160 44.4 36.6 55.0

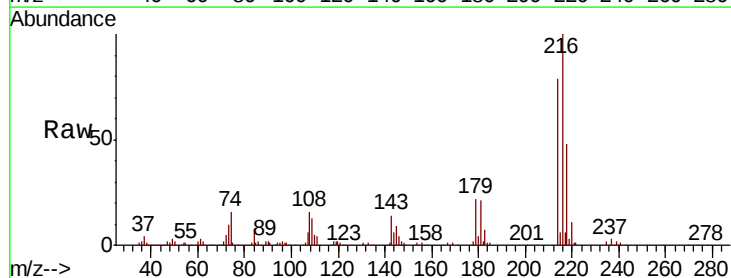


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

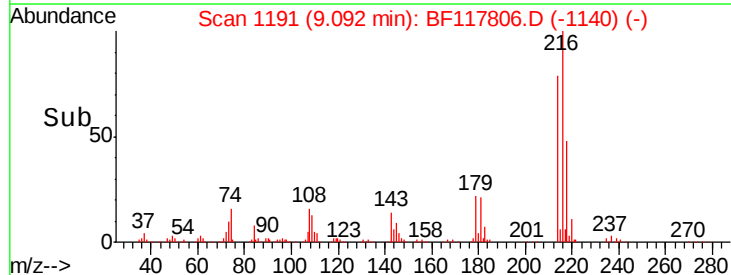
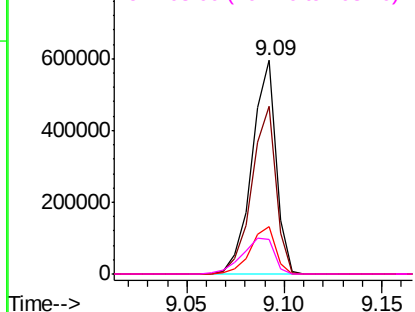


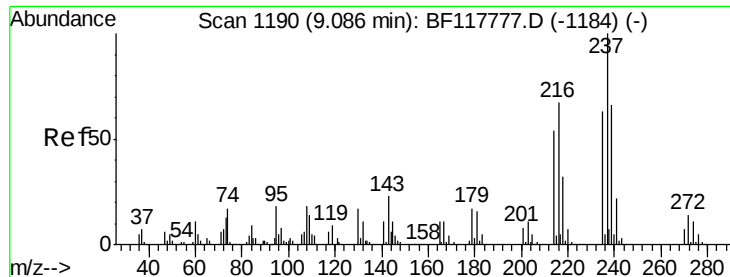
#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.405 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:216 Resp: 510798
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.0
179 22.6 18.2 27.4
108 22.5 16.0 24.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.265 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

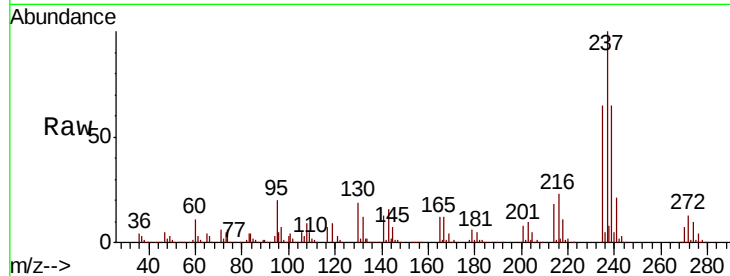
Tot Ion:237 Resp: 657024

Ion Ratio Lower Upper

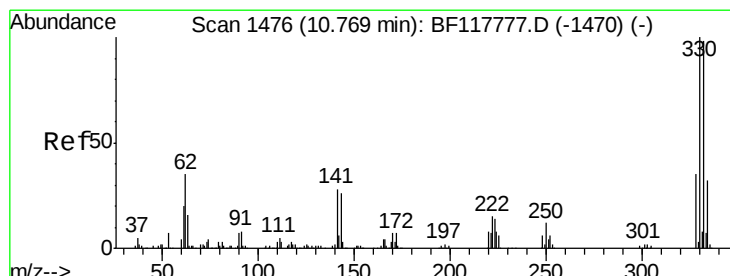
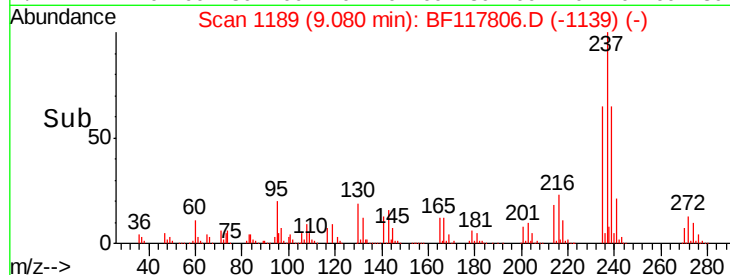
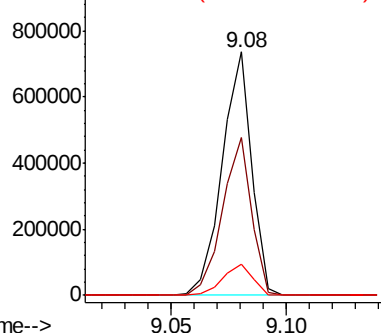
237 100

235 65.0 42.6 82.6

272 13.0 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: 84.402 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

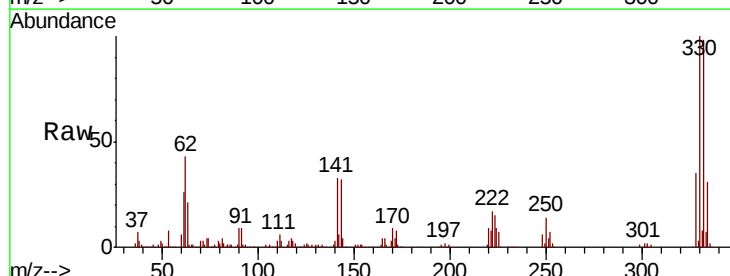
Tgt Ion:330 Resp: 443907

Ion Ratio Lower Upper

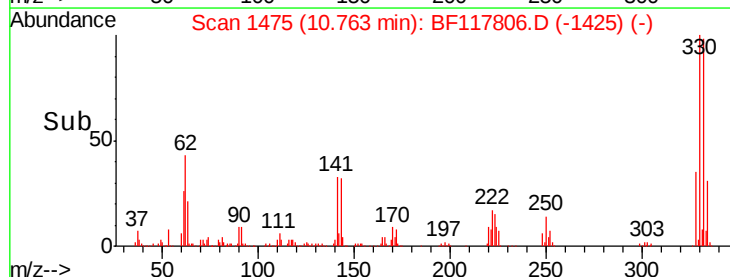
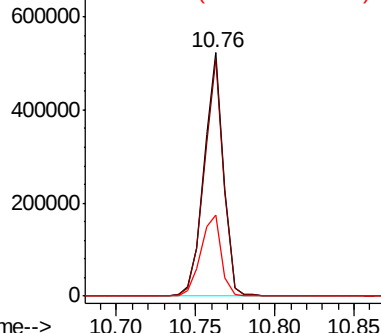
330 100

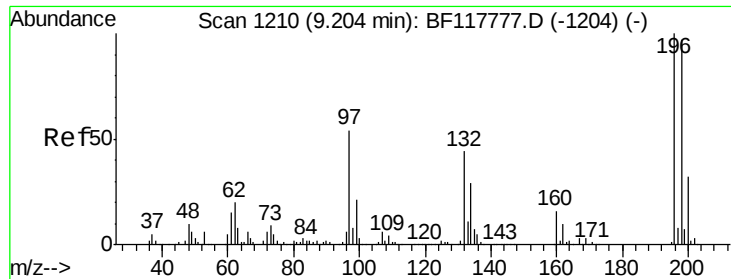
332 97.1 76.7 115.1

141 35.4 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

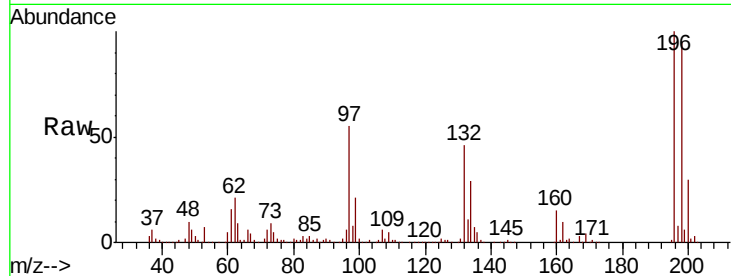




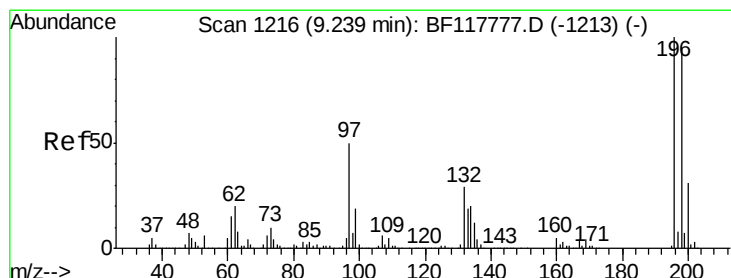
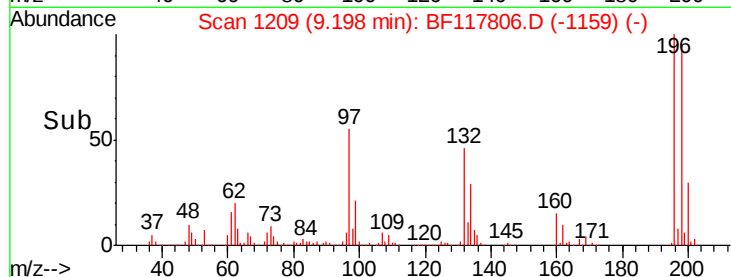
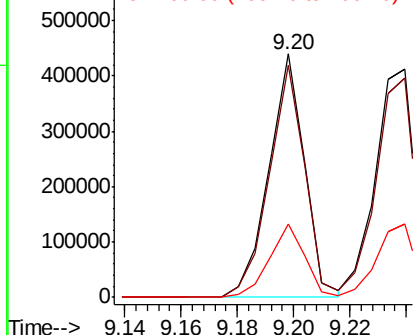
#43
 2,4,6-Trichlorophenol
 Concen: 37.216 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 384574
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.8 116.6
 200 30.0 25.4 38.0

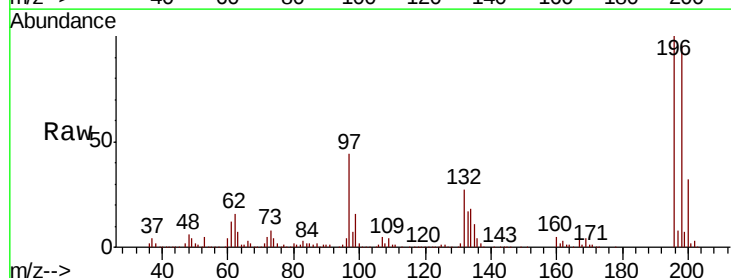


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

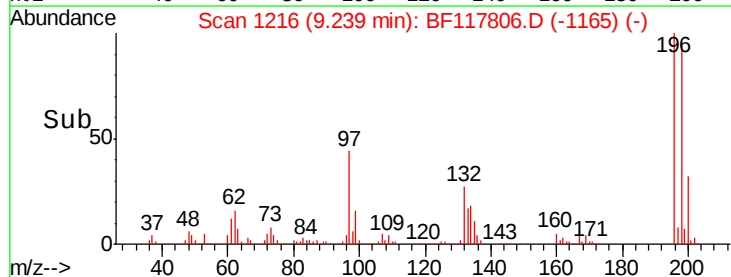
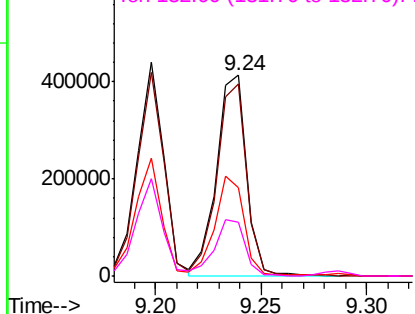


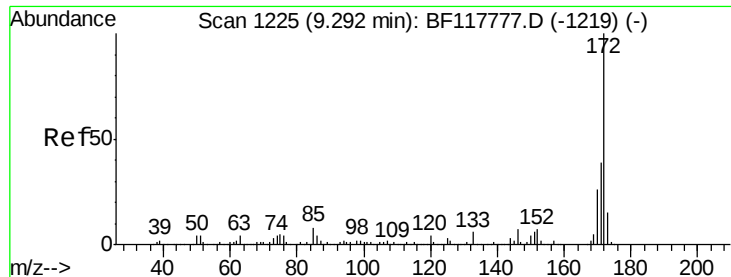
#44
 2,4,5-Trichlorophenol
 Concen: 37.834 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Tgt Ion:196 Resp: 405928
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.3 114.5
 97 43.8 40.0 60.0
 132 26.7 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

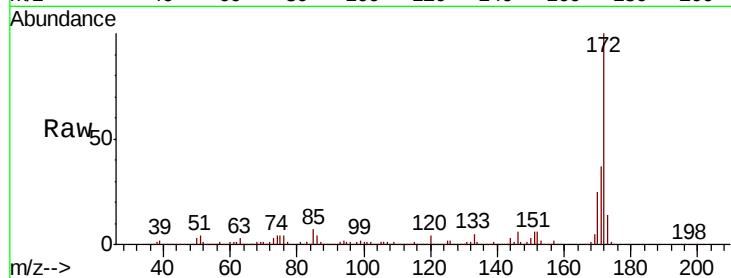




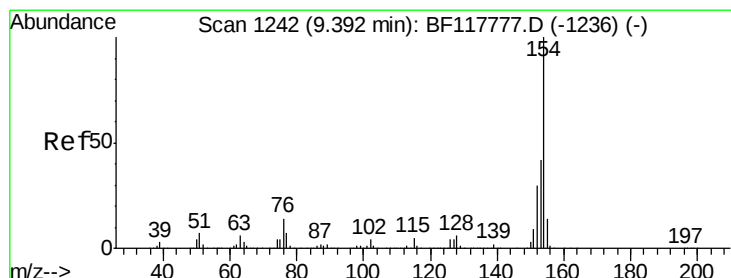
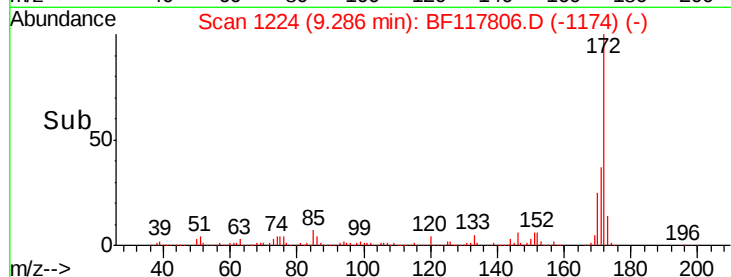
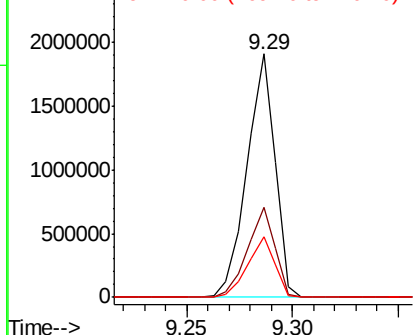
#45
2-Fluorobiphenyl
Concen: 63.698 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1763856
Ion Ratio Lower Upper
172 100
171 37.0 30.9 46.3
170 25.0 21.0 31.4

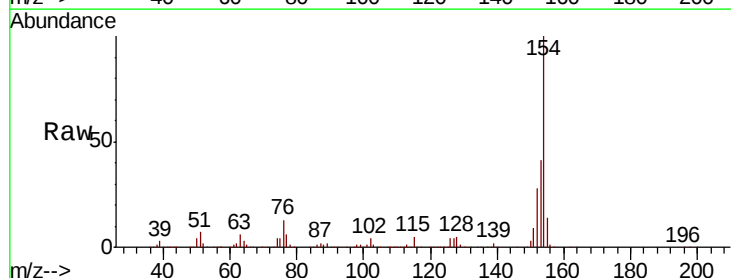


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

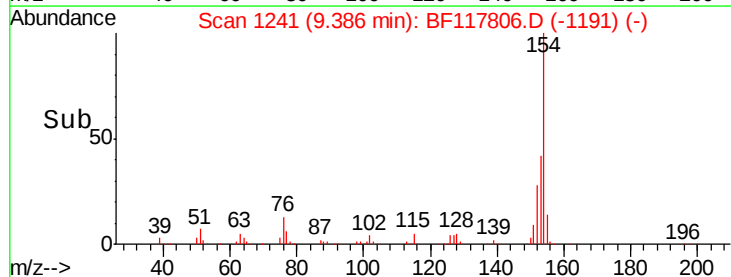
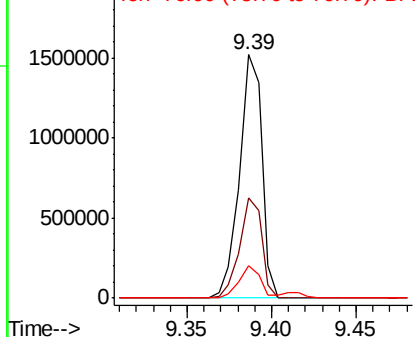


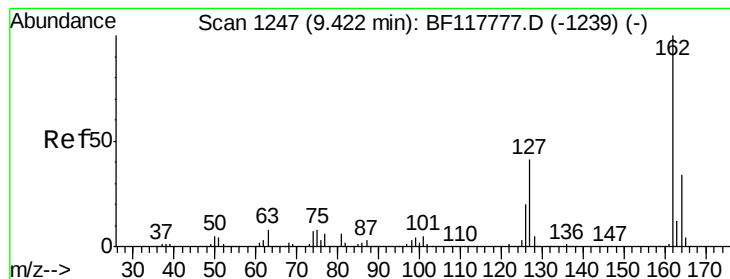
#46
1,1'-Biphenyl
Concen: 38.016 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:154 Resp: 1401142
Ion Ratio Lower Upper
154 100
153 41.4 21.9 61.9
76 13.3 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: 36.067 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

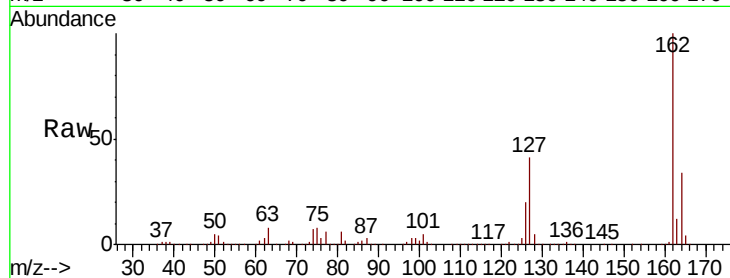
Tot Ion:162 Resp: 1093567

Ion Ratio Lower Upper

162 100

127 40.6 33.2 49.8

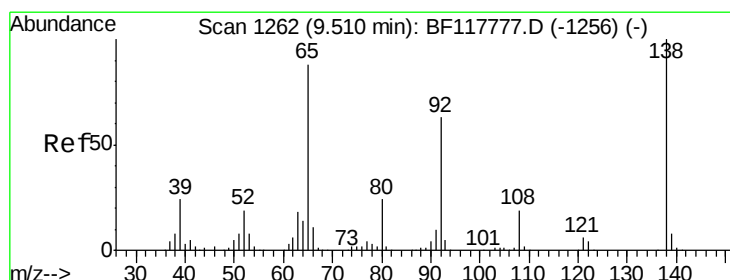
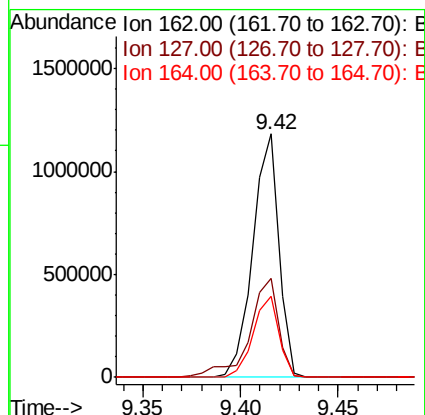
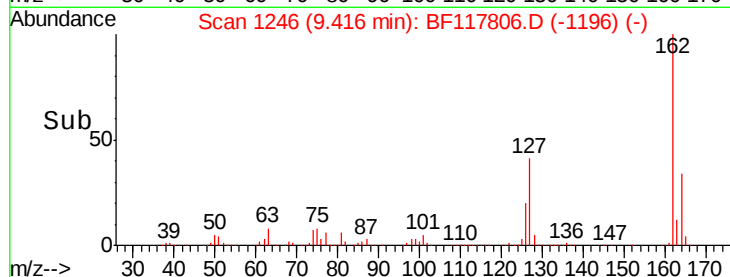
164 33.5 27.3 40.9



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: 36.185 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

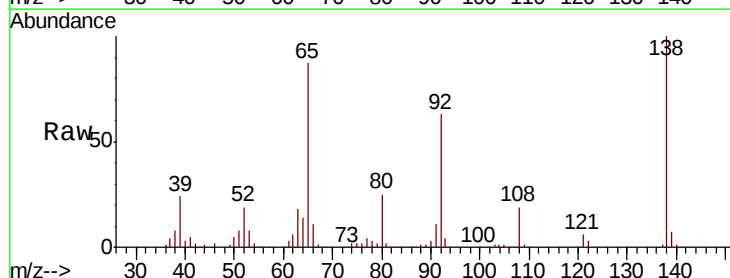
Tgt Ion: 65 Resp: 331237

Ion Ratio Lower Upper

65 100

92 72.1 56.6 84.8

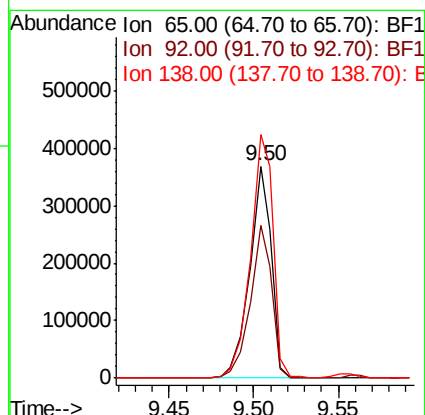
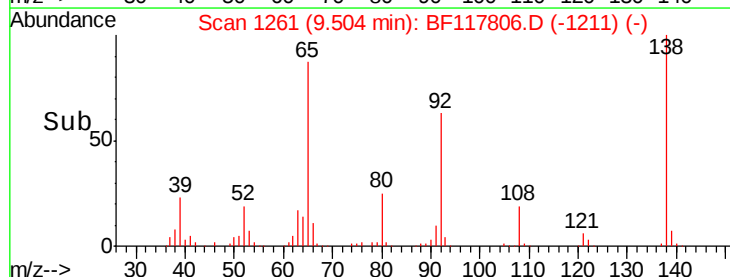
138 115.0 90.5 135.7

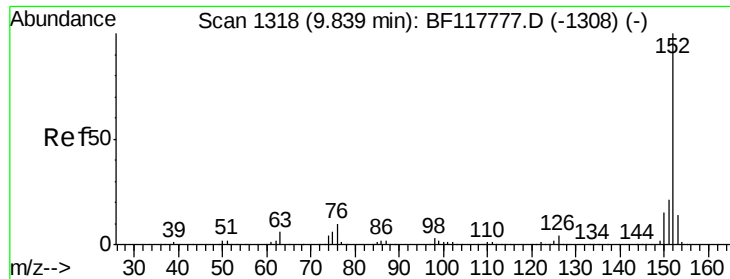


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.235 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

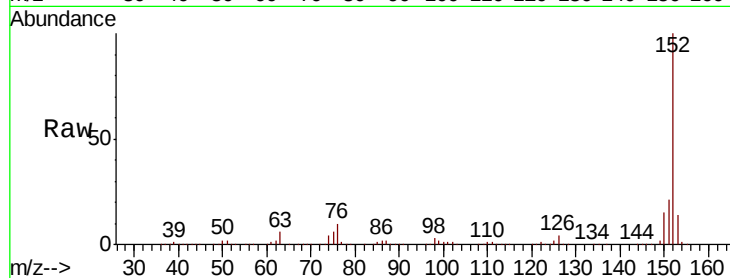
Tot Ion:152 Resp: 1734414

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.6

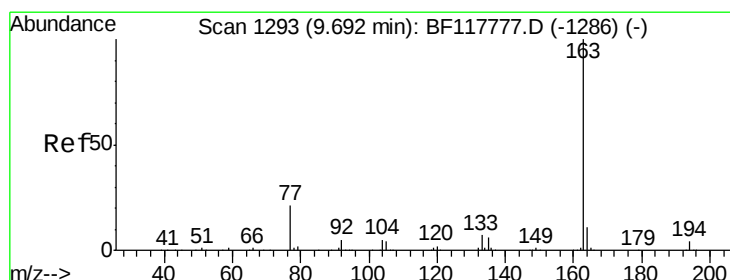
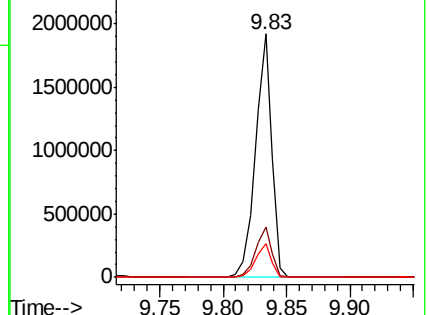
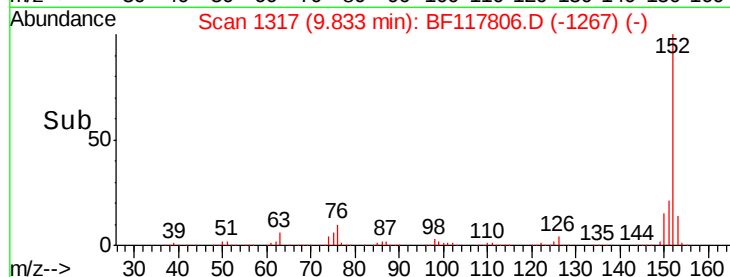
153 13.9 11.0 16.6



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: 40.581 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

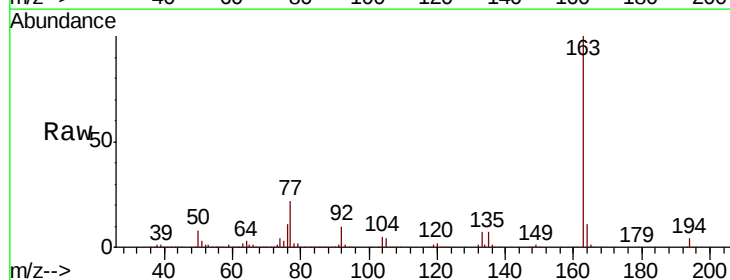
Tgt Ion:163 Resp: 1413710

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

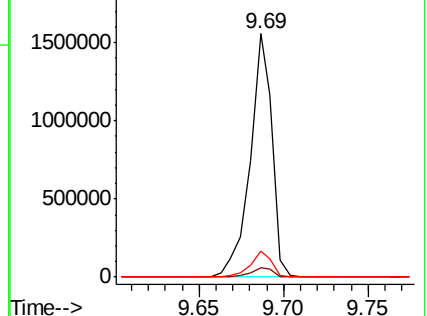
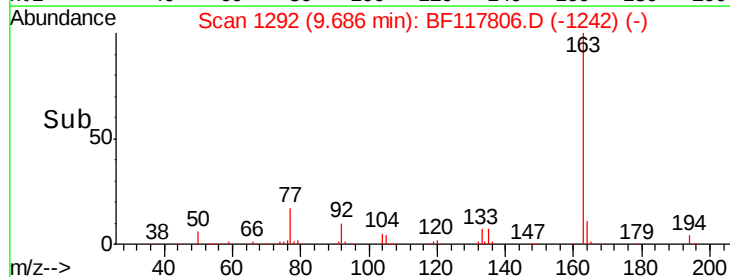
164 10.9 8.7 13.1

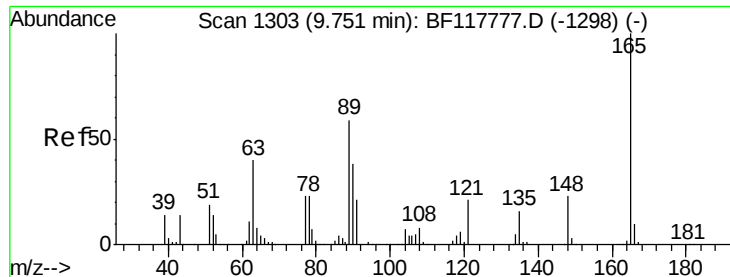


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

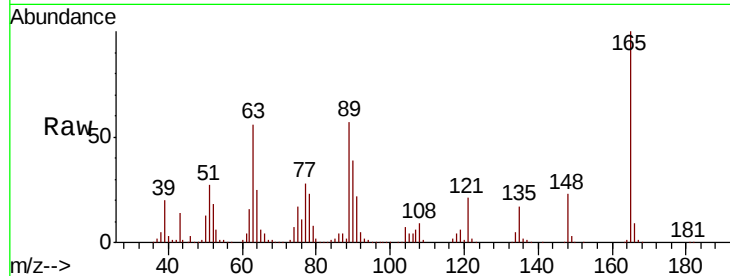




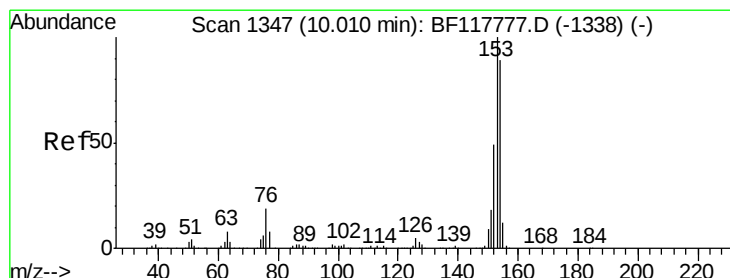
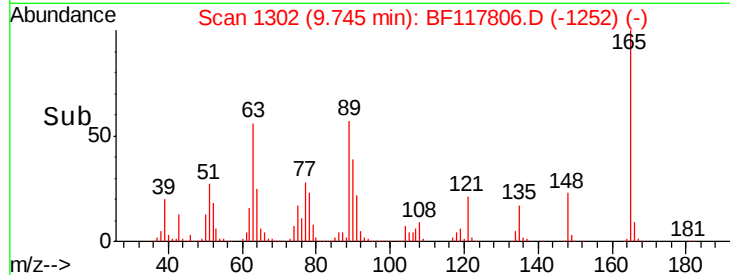
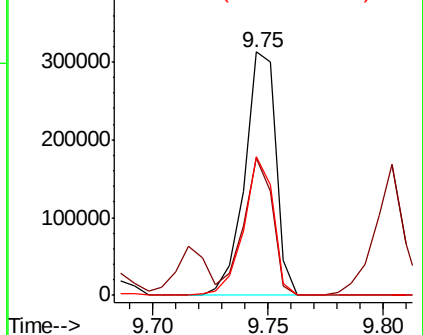
#51
 2,6-Dinitrotoluene
 Concen: 38.929 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 296391
 Ion Ratio Lower Upper
 165 100
 63 56.3 46.0 69.0
 89 56.7 47.7 71.5

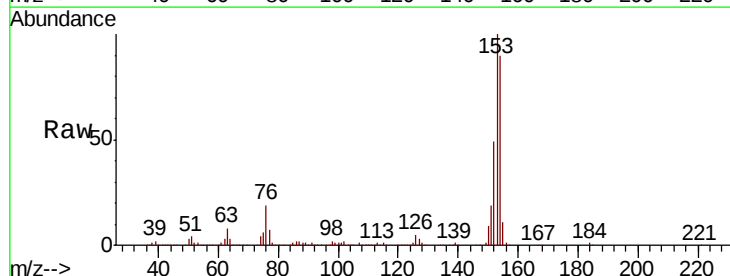


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

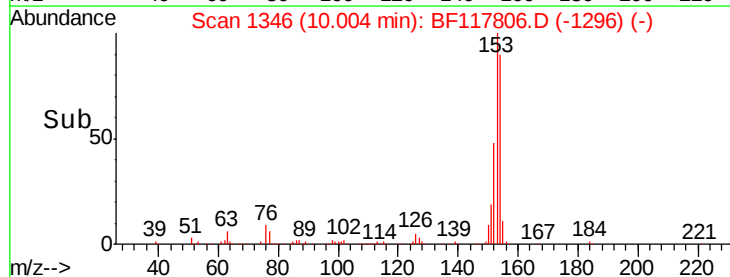
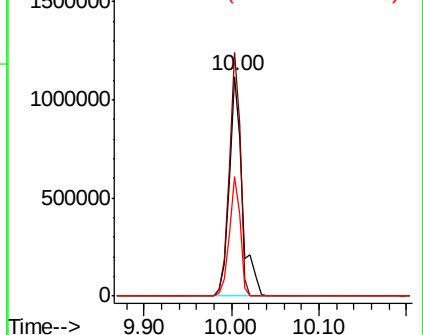


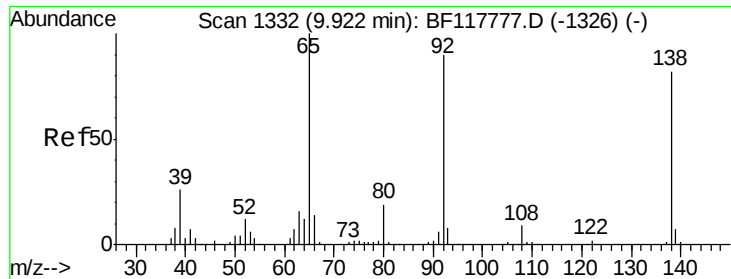
#52
 Acenaphthene
 Concen: 40.382 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Tgt Ion:154 Resp: 1143544
 Ion Ratio Lower Upper
 154 100
 153 110.9 90.1 135.1
 152 54.1 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

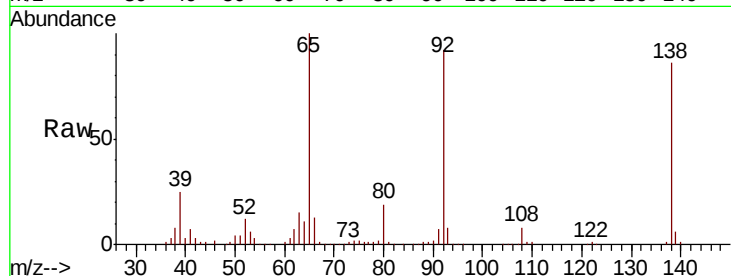




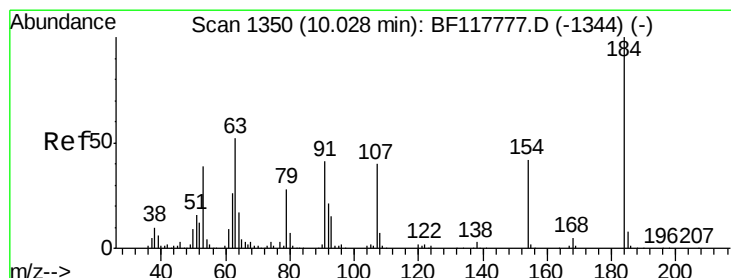
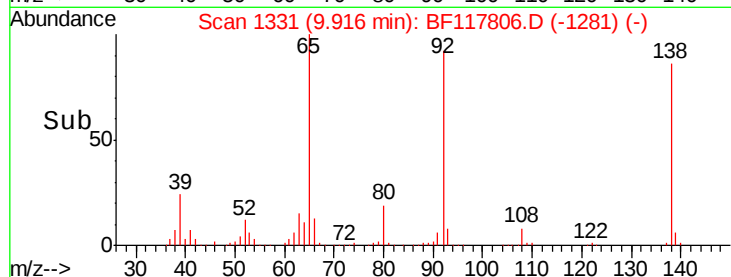
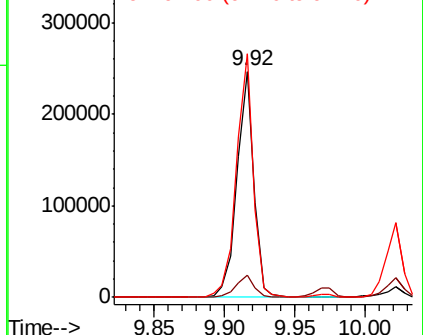
#53
3-Nitroaniline
Concen: 22.591 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 205809
Ion Ratio Lower Upper
138 100
108 9.7 8.6 12.8
92 107.8 87.9 131.9

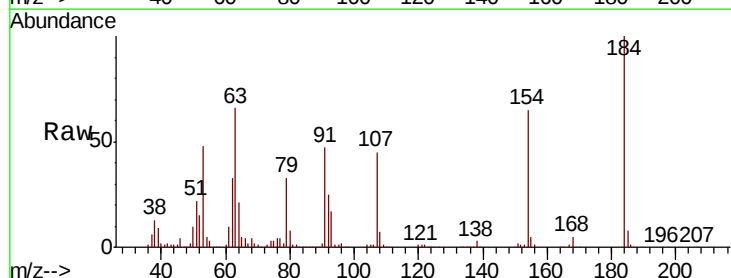


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

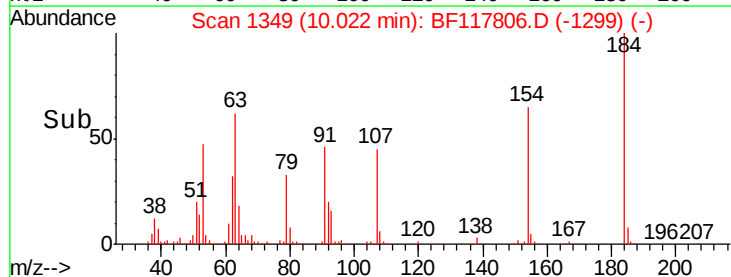
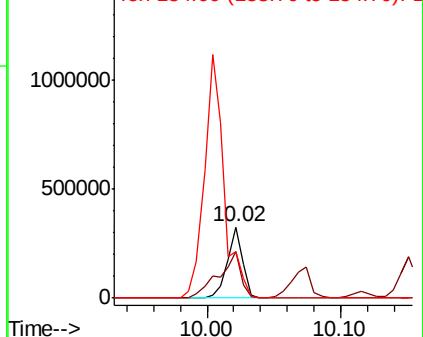


#54
2,4-Dinitrophenol
Concen: 68.879 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:184 Resp: 265139
Ion Ratio Lower Upper
184 100
63 65.8 43.0 64.6#
154 65.1 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

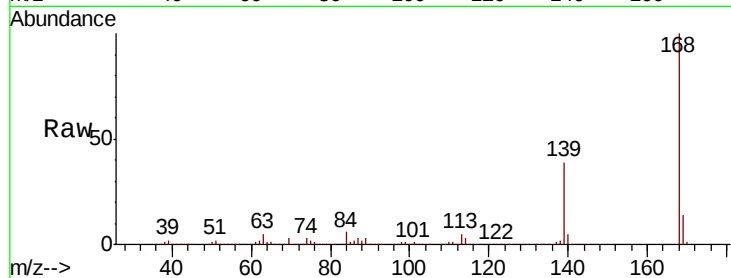




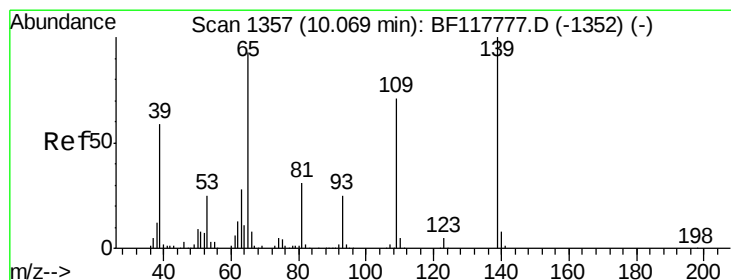
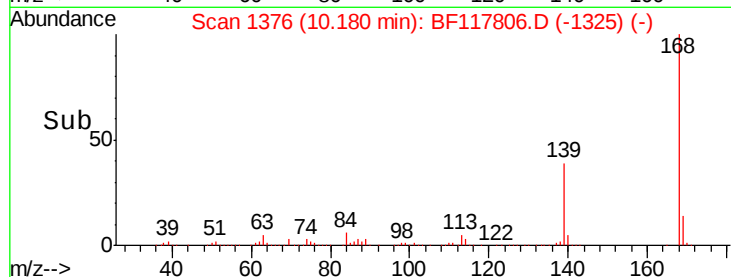
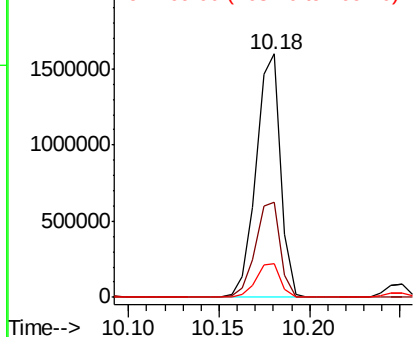
#55
Dibenzenofuran
Concen: 38.366 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1504466
Ion Ratio Lower Upper
168 100
139 38.9 33.0 49.6
169 13.6 11.5 17.3

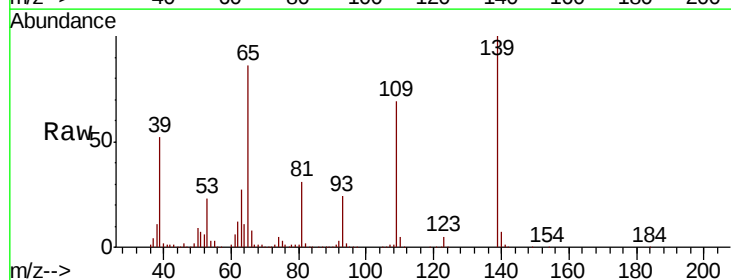


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

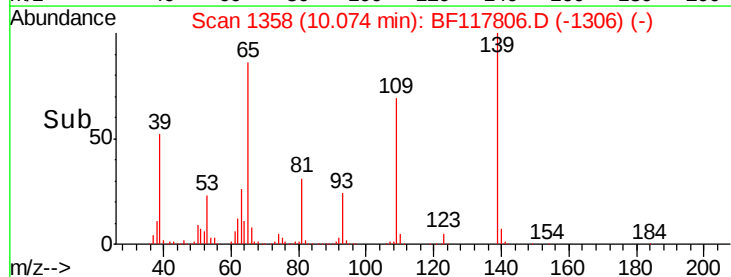
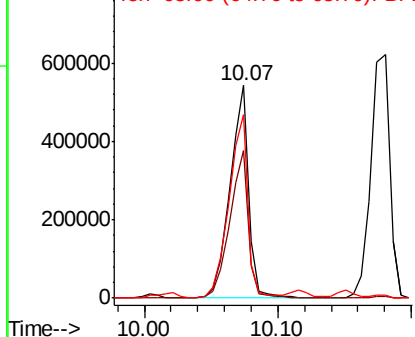


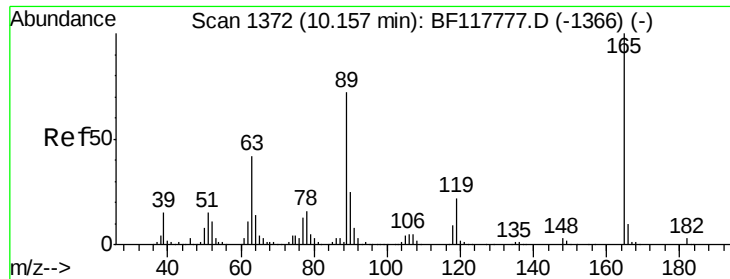
#56
4-Nitrophenol
Concen: 78.673 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:139 Resp: 534997
Ion Ratio Lower Upper
139 100
109 69.5 50.8 90.8
65 86.3 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

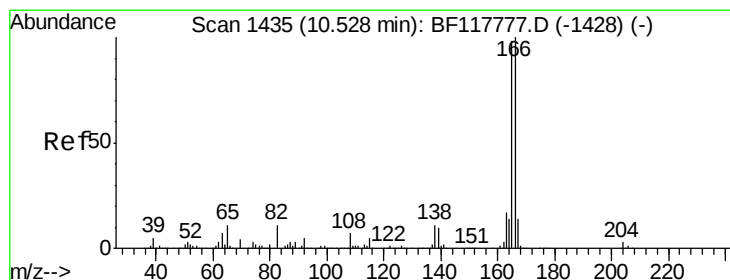
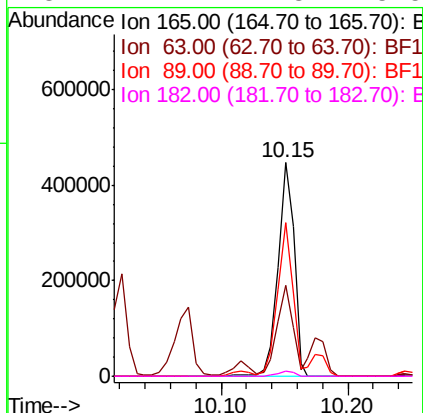
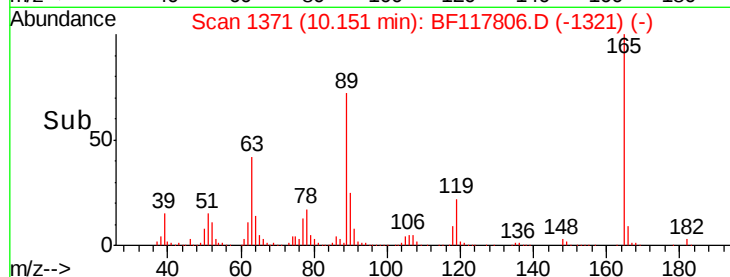
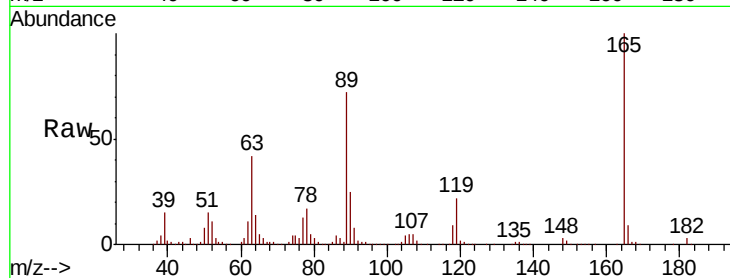




#57
2,4-Dinitrotoluene
Concen: 40.277 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

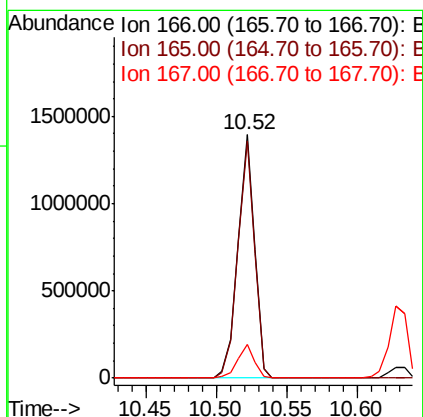
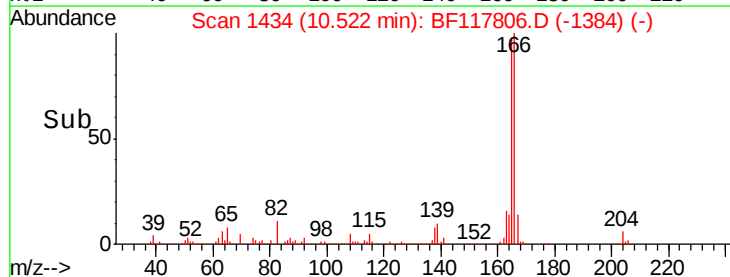
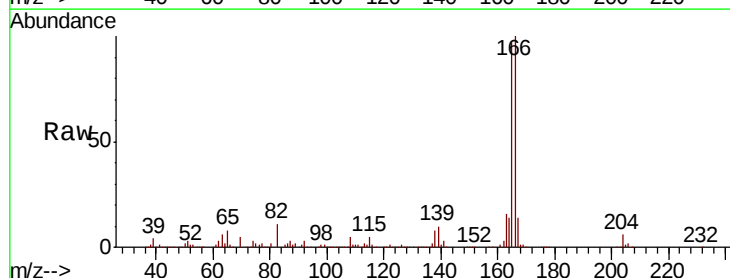
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	33.7	50.5
89	71.7	57.3	85.9
182	2.7	2.3	3.5



#58
Fluorene
Concen: 37.745 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	13.6	11.0	16.4

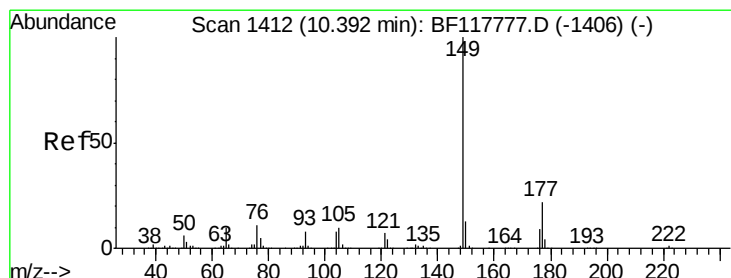
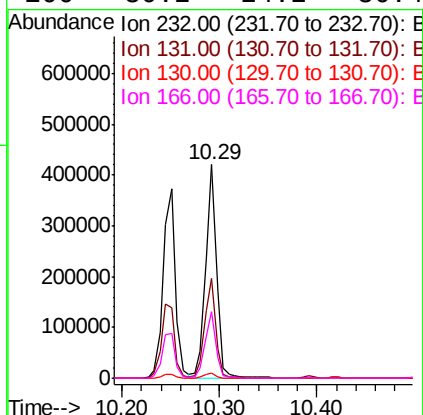
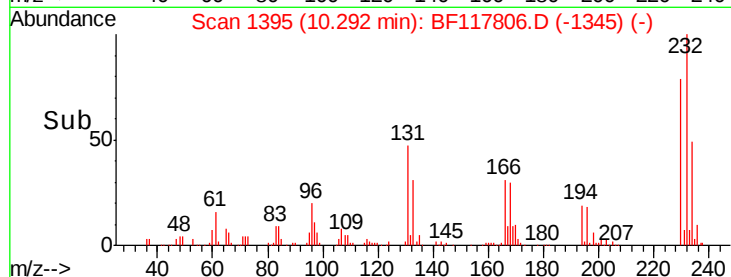
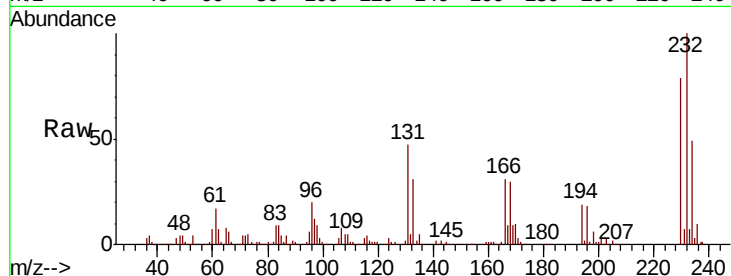




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.932 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

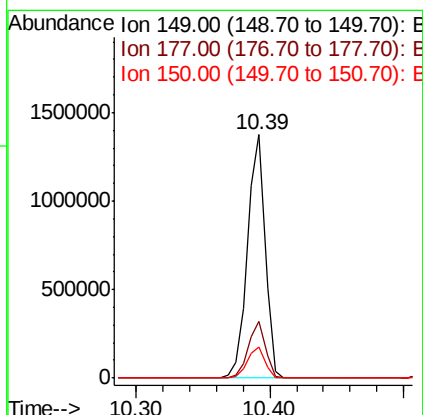
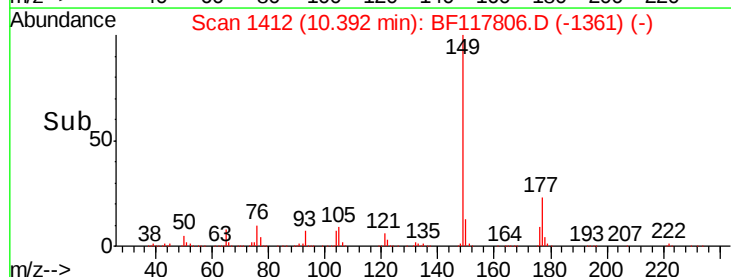
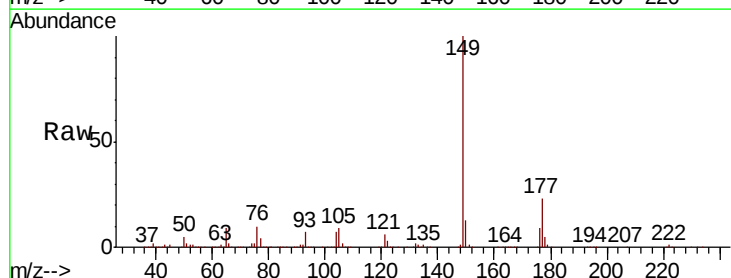
Instrument :
BNA_F
ClientSampleId :

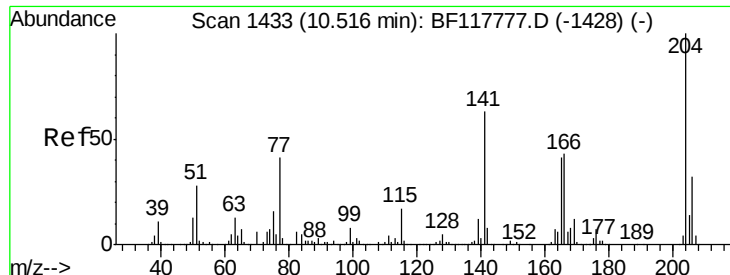
Tot Ion:232 Resp: 334397
Ion Ratio Lower Upper
232 100
131 46.7 37.6 56.4
130 2.4 1.9 2.9
166 30.2 24.2 36.4



#60
Diethylphthalate
Concen: 36.516 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:149 Resp: 1240212
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 12.7 10.5 15.7

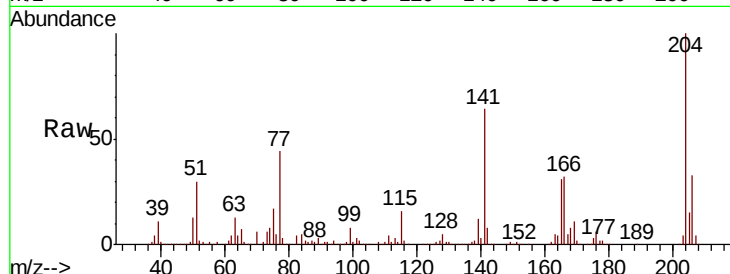




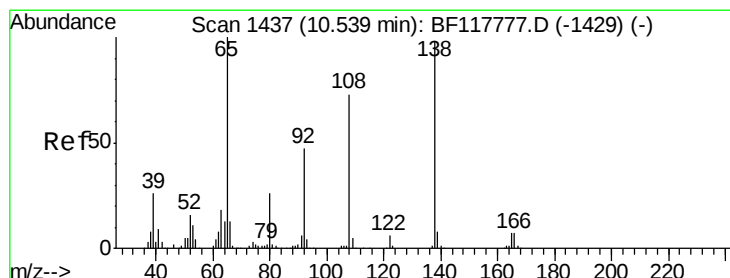
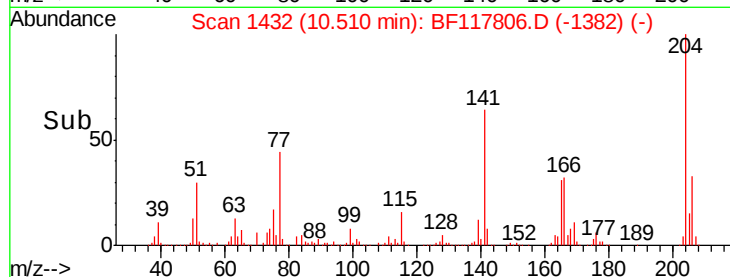
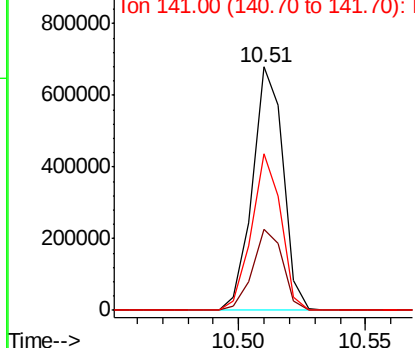
#61
4-Chlorophenyl-phenylether
Concen: 37.132 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 572626
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 64.4 50.7 76.1

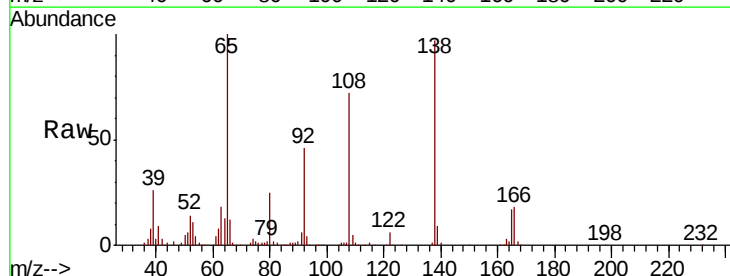


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

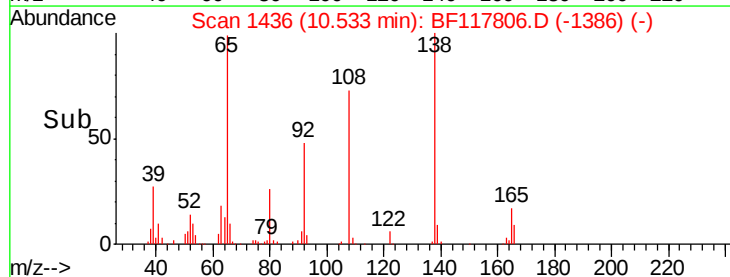
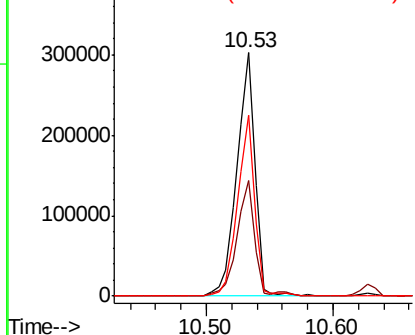


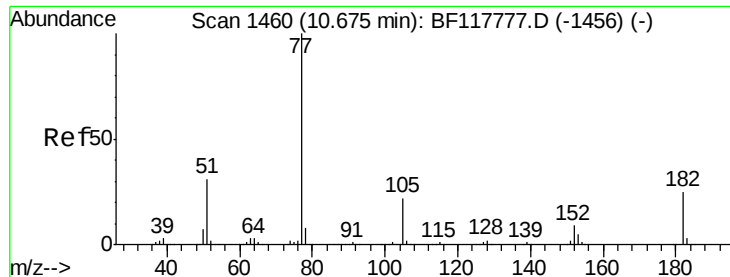
#62
4-Nitroaniline
Concen: 32.456 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:138 Resp: 296061
Ion Ratio Lower Upper
138 100
92 47.5 28.3 68.3
108 74.4 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: 37.638 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

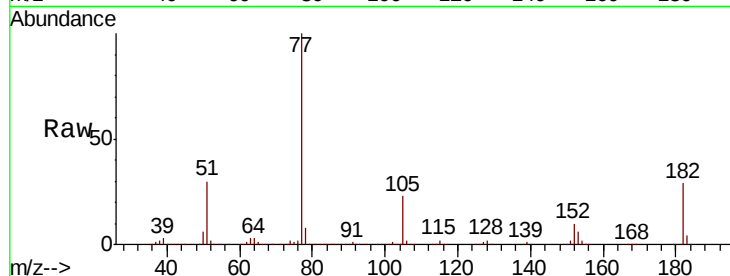
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1162970

Ion	Ratio	Lower	Upper
77	100		
182	28.9	4.8	44.8
105	22.6	2.1	42.1
51	30.0	11.4	51.4



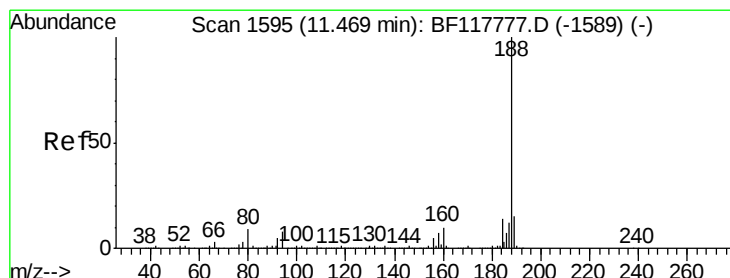
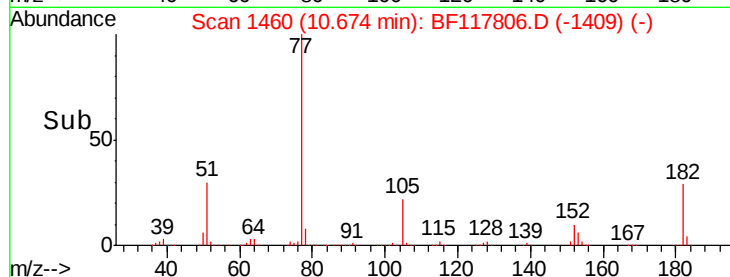
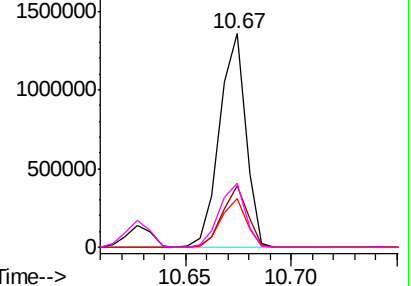
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1594

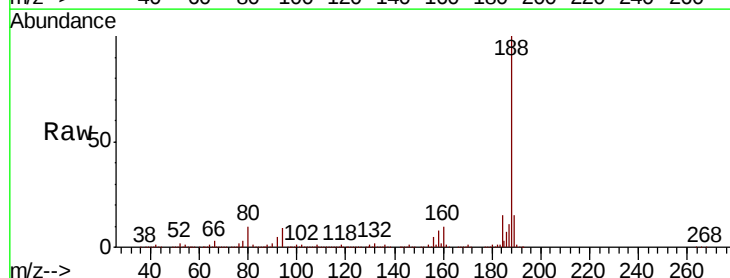
Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Tgt Ion: 188 Resp: 953007

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.6	7.2	10.8

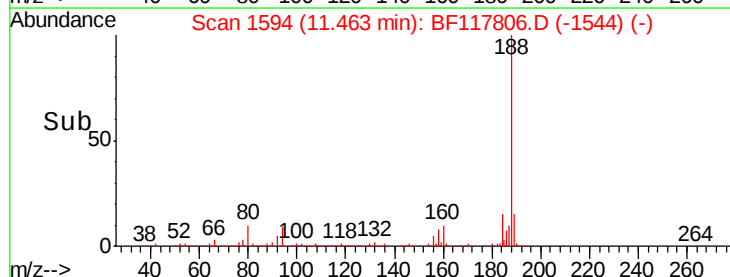
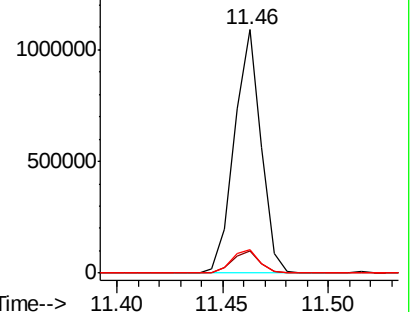


Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

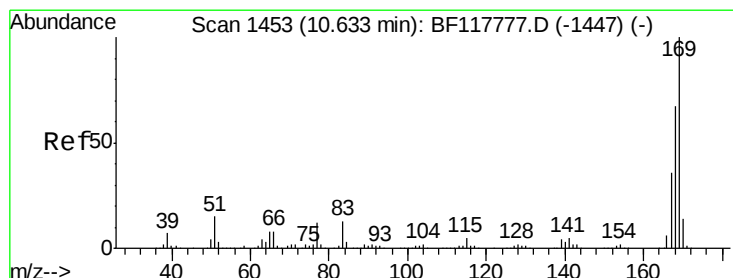
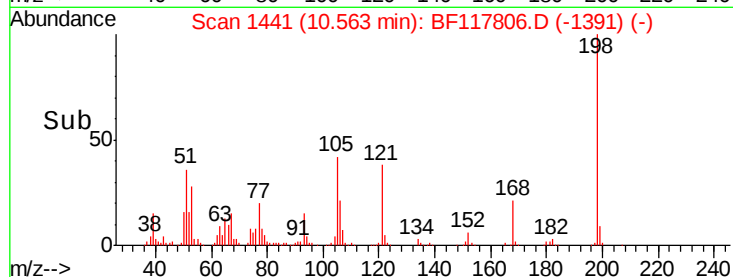
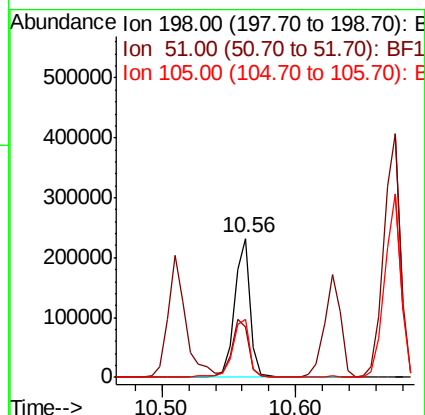
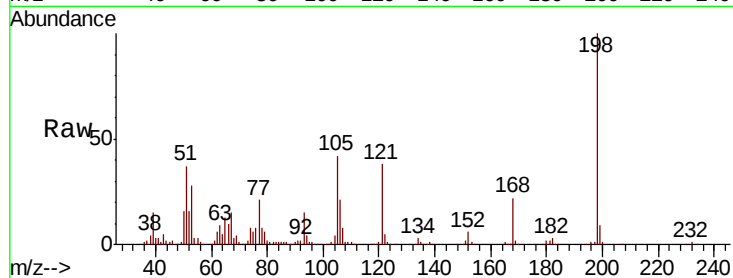




#65
4,6-Dinitro-2-methylphenol
Concen: 42.684 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

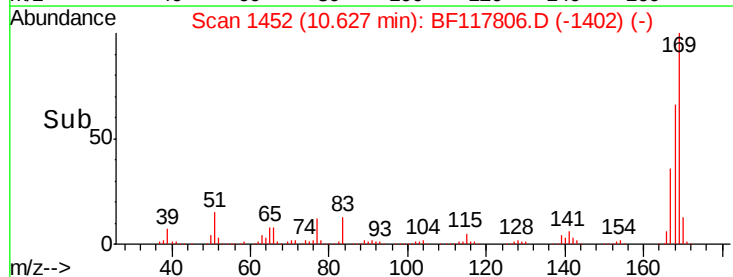
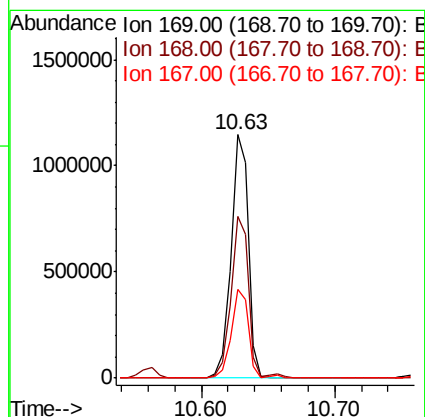
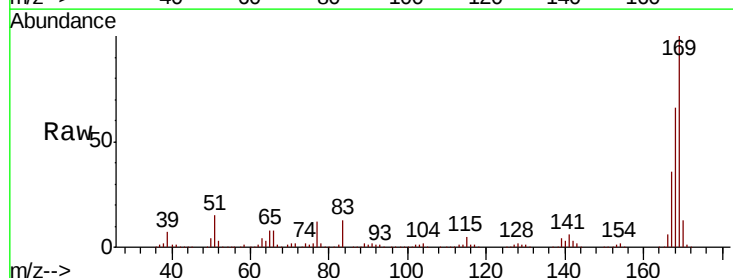
Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 189901
Ion Ratio Lower Upper
198 100
51 36.6 16.0 56.0
105 41.7 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 37.686 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:169 Resp: 1045246
Ion Ratio Lower Upper
169 100
168 66.3 53.5 80.3
167 36.2 29.0 43.4

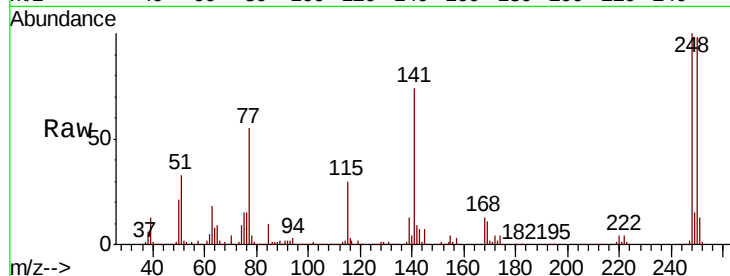




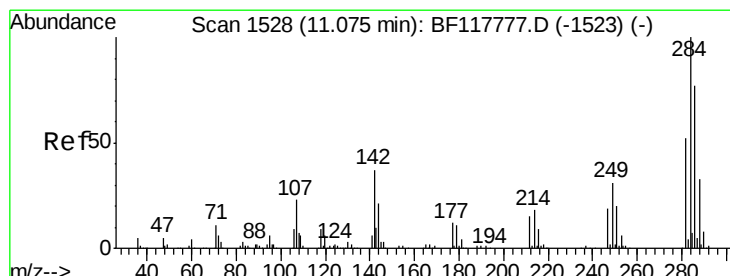
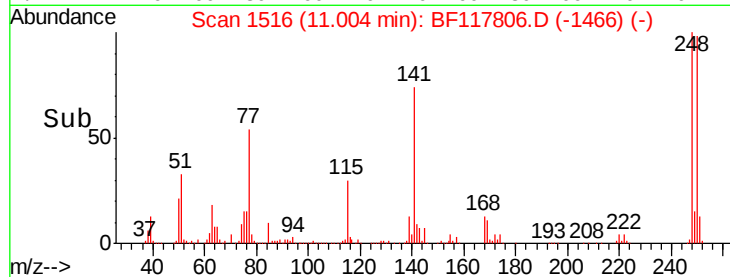
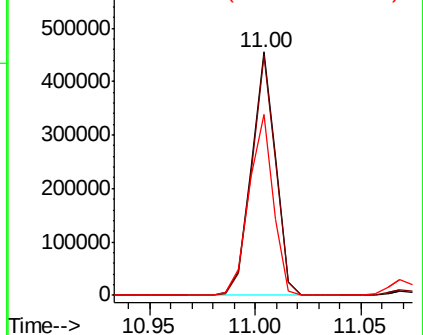
#67
4-Bromophenyl-phenylether
Concen: 35.353 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 363526
Ion Ratio Lower Upper
248 100
250 98.3 76.6 115.0
141 74.4 55.9 83.9

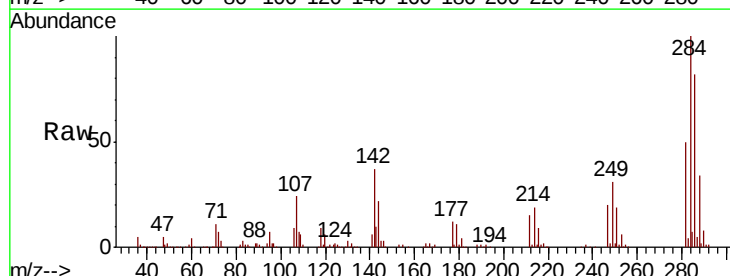


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

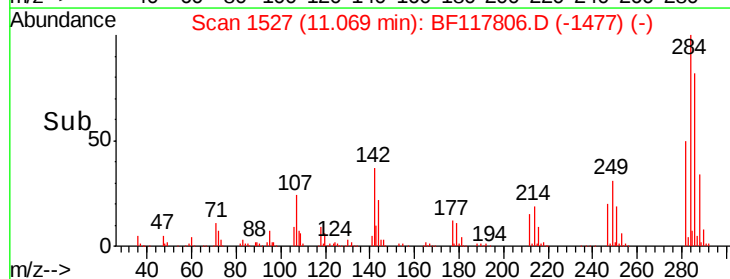
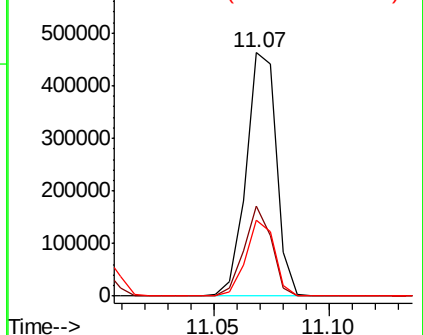


#68
Hexachlorobenzene
Concen: 35.428 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:284 Resp: 424787
Ion Ratio Lower Upper
284 100
142 36.8 29.4 44.2
249 31.1 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

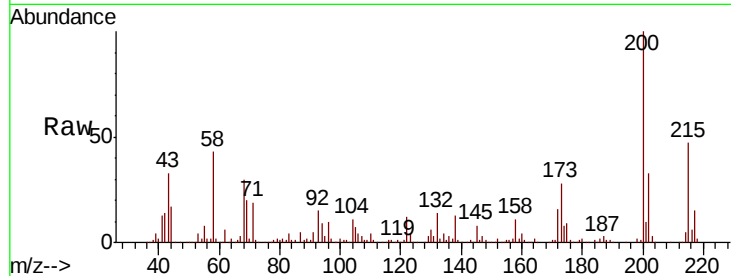




#69
Atrazine
Concen: 38.620 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.7	46.7
215	46.9	27.5	67.5

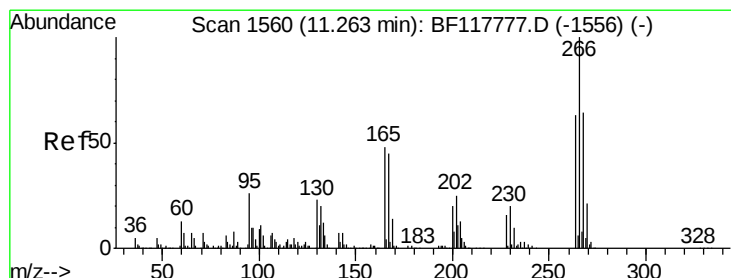
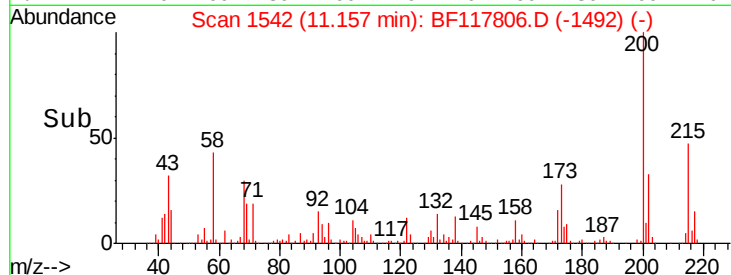
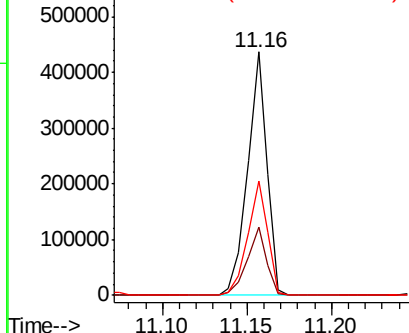


Abundance

Ion 200.00 (199.70 to 200.70): E

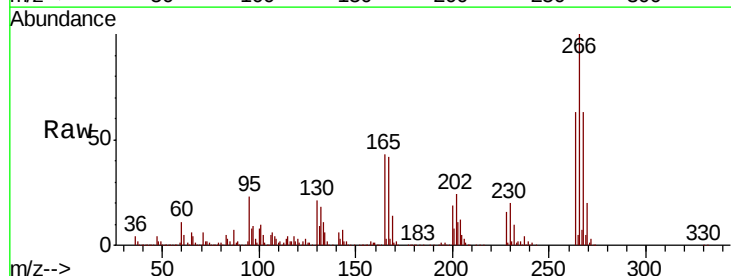
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 70.141 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.8	76.2
264	63.4	50.7	76.1

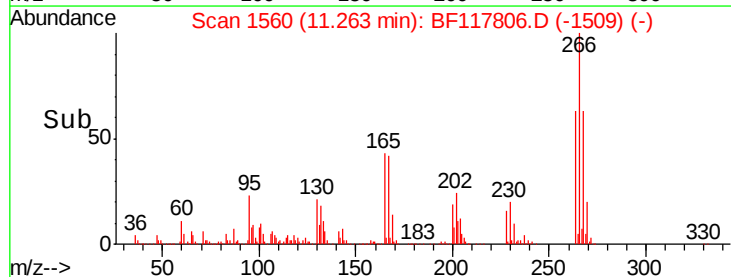
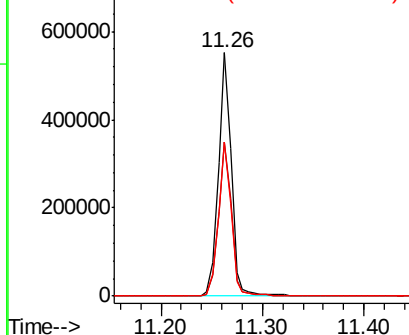


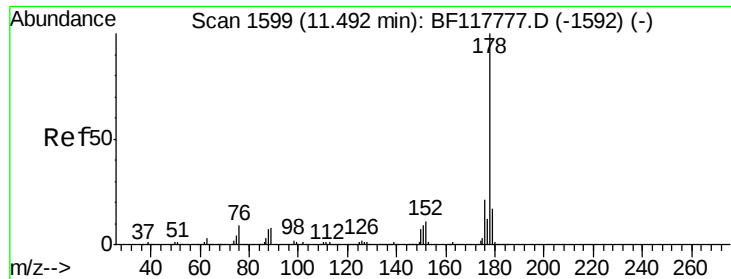
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.841 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

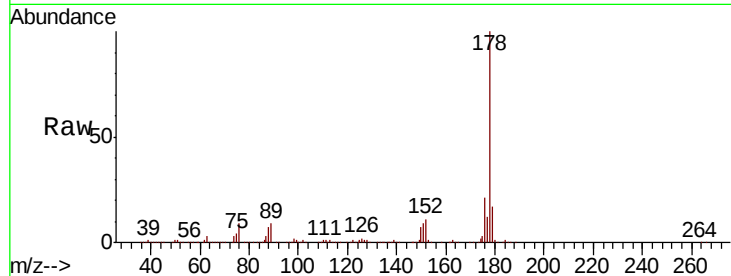
Tot Ion:178 Resp: 1765215

Ion Ratio Lower Upper

178 100

176 20.8 16.6 25.0

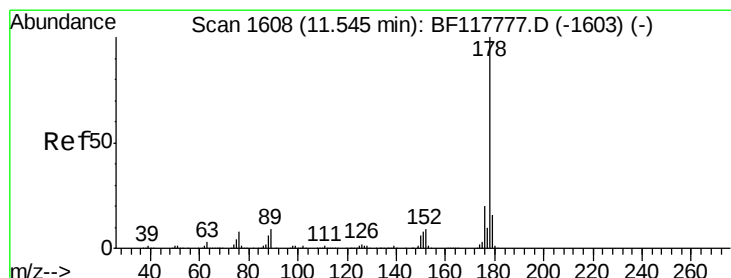
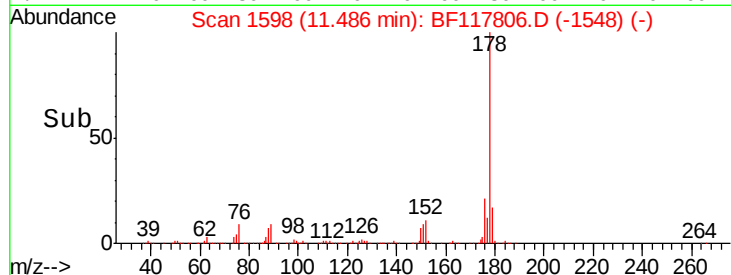
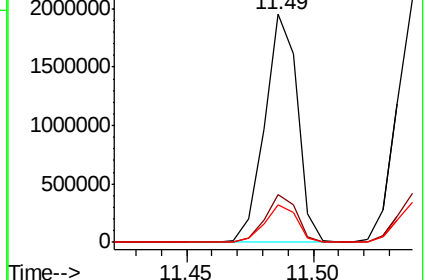
179 16.7 13.2 19.8



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: 38.552 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

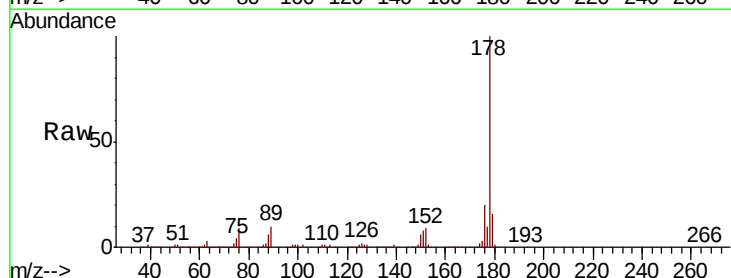
Tgt Ion:178 Resp: 1831426

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

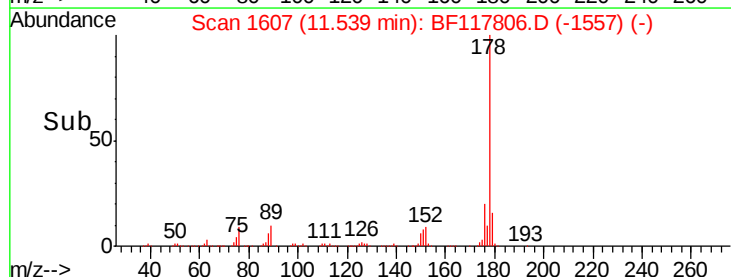
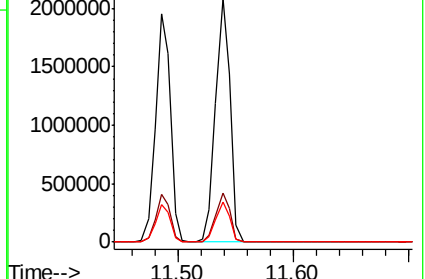
179 16.3 13.0 19.4

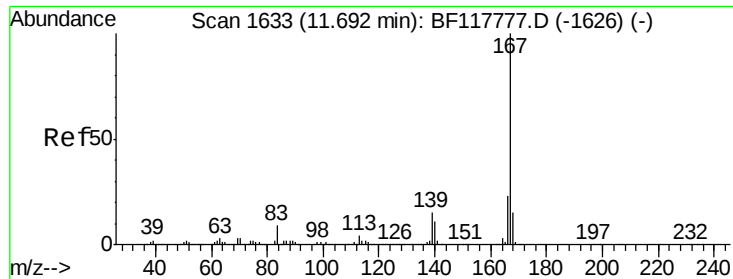


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.743 ng

RT: 11.69 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

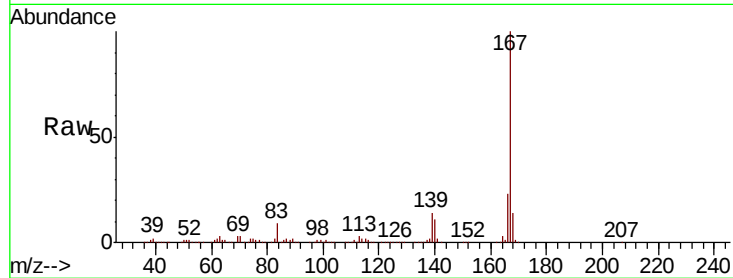
Tot Ion:167 Resp: 1608339

Ion Ratio Lower Upper

167 100

166 22.5 18.0 27.0

139 14.2 11.7 17.5

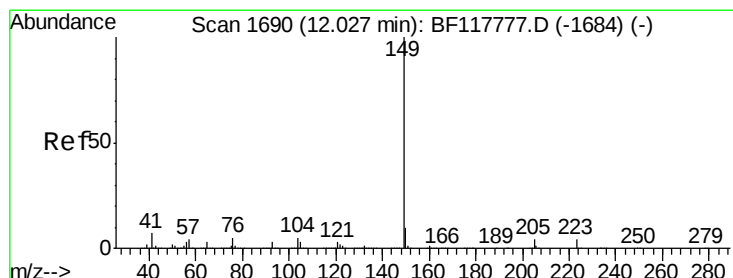
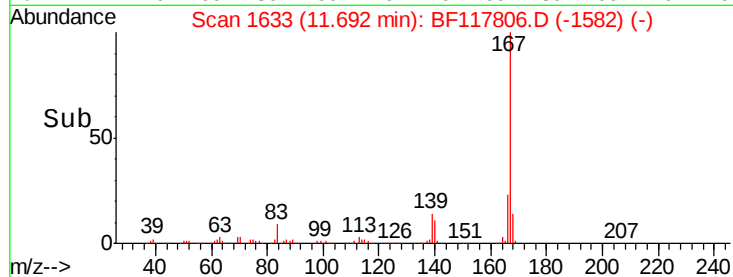
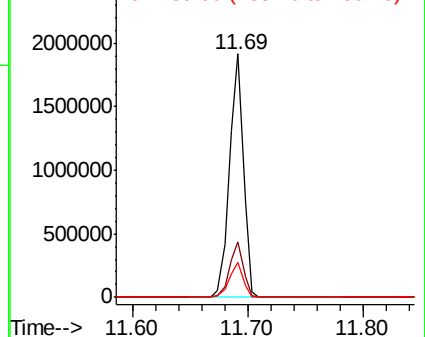


Abundance

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: 36.769 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

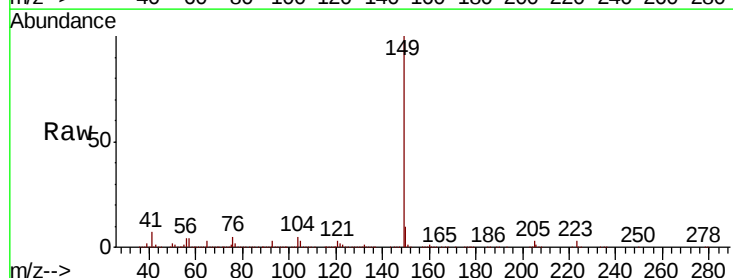
Tgt Ion:149 Resp: 1900482

Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

104 5.3 4.2 6.4

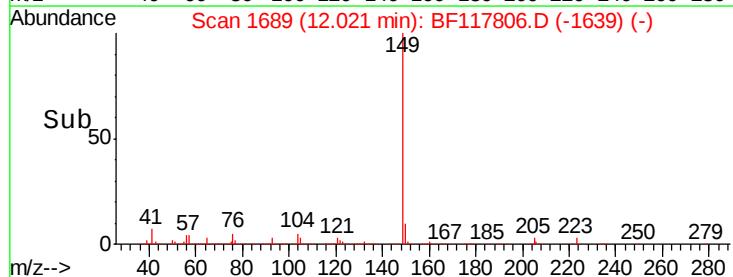
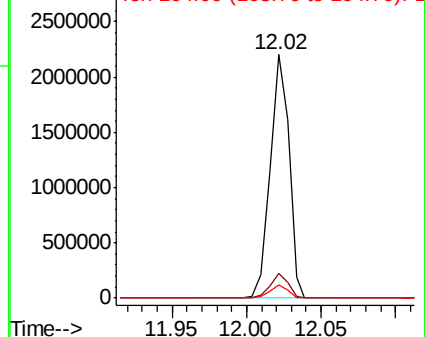


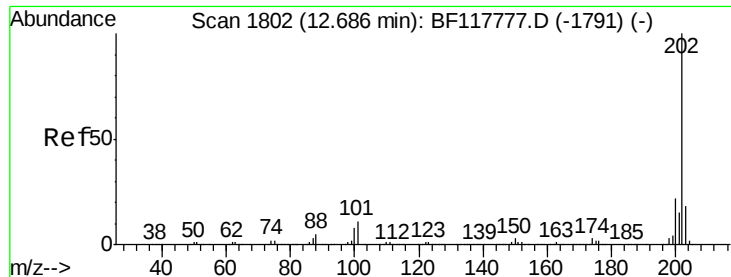
Abundance

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

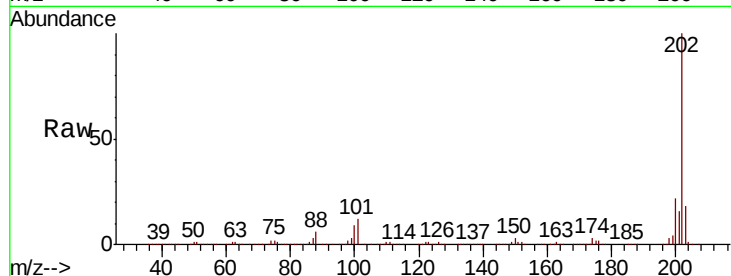




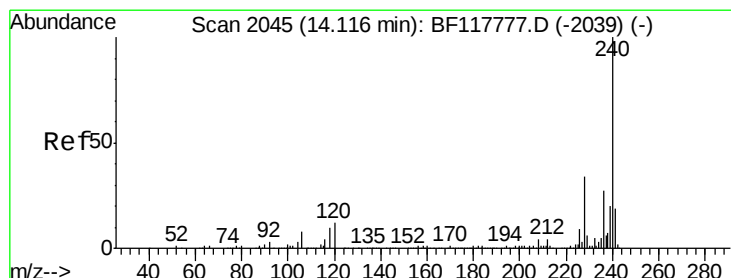
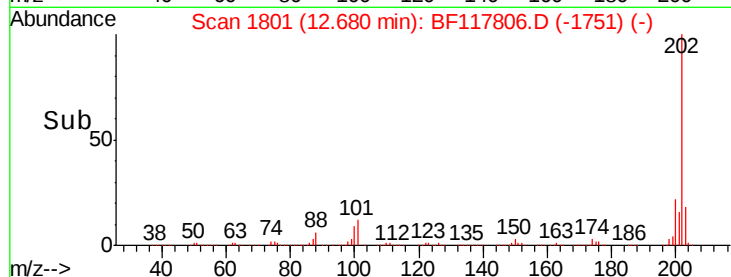
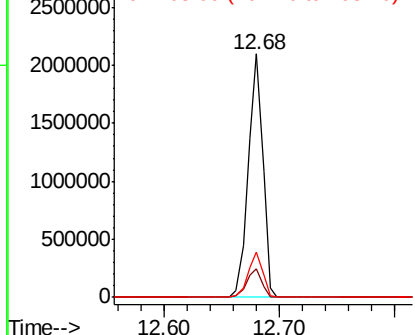
#75
 Fluoranthene
 Concen: 41.188 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1824914
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.1
 203 18.5 0.0 38.2

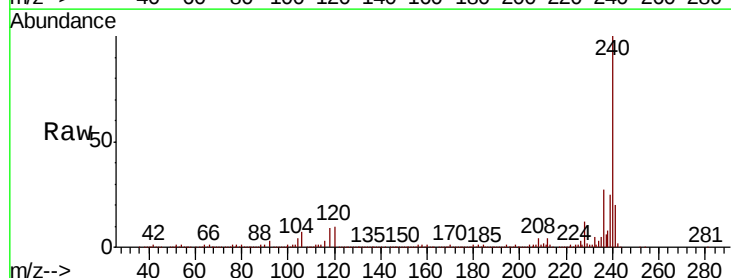


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

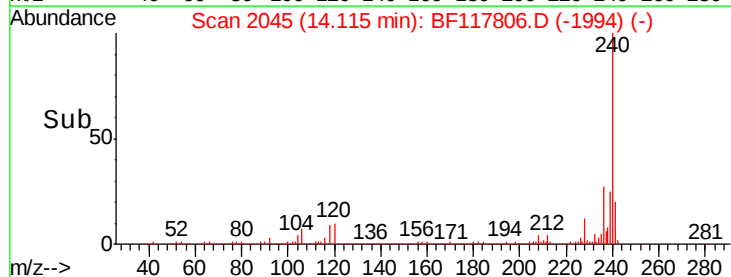
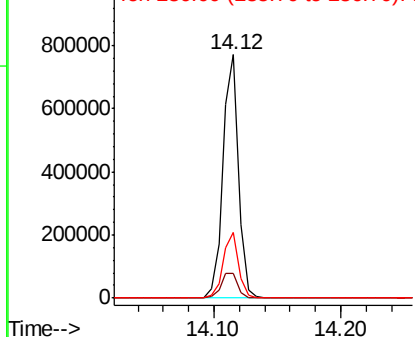


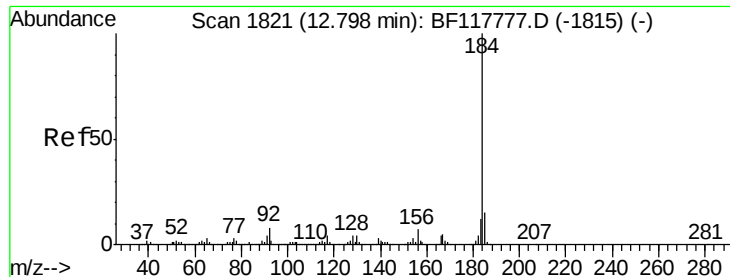
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Tgt Ion:240 Resp: 655599
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 27.2 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: 41.615 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

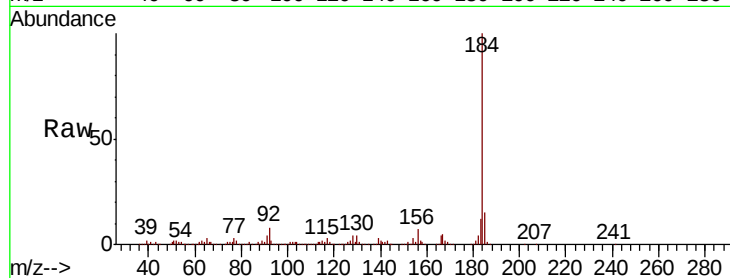
Tot Ion:184 Resp: 893662

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.4

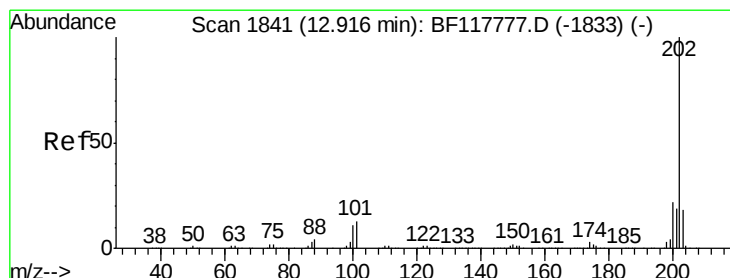
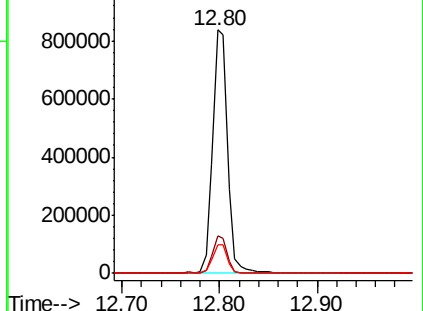
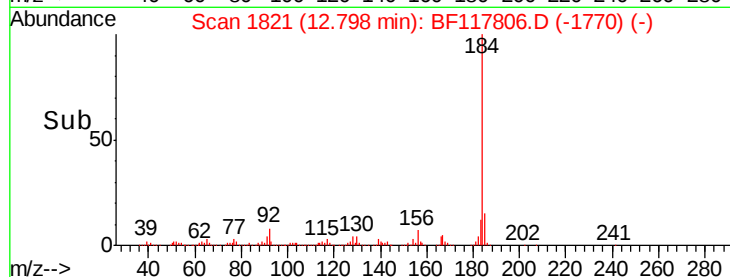
183 11.9 9.5 14.3



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: 35.051 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

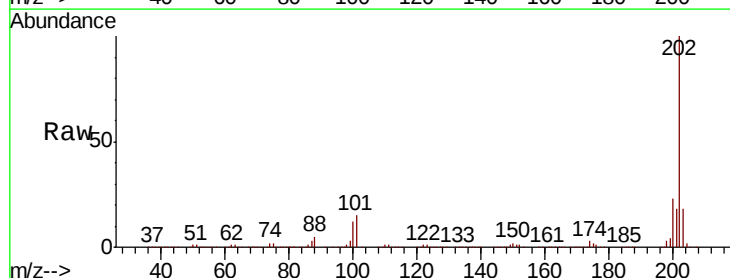
Tgt Ion:202 Resp: 1857064

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

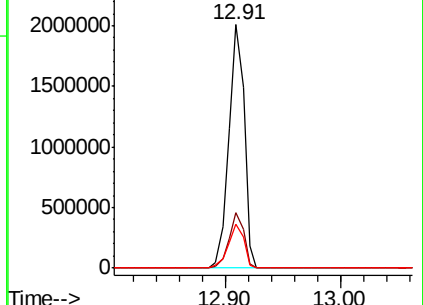
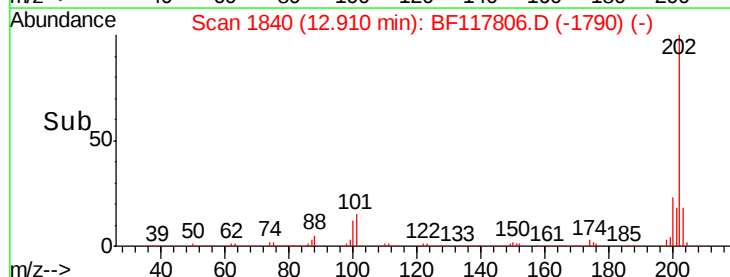
203 18.2 14.6 22.0

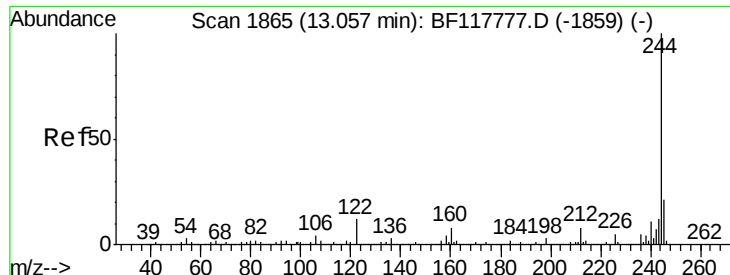


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.427 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampled :

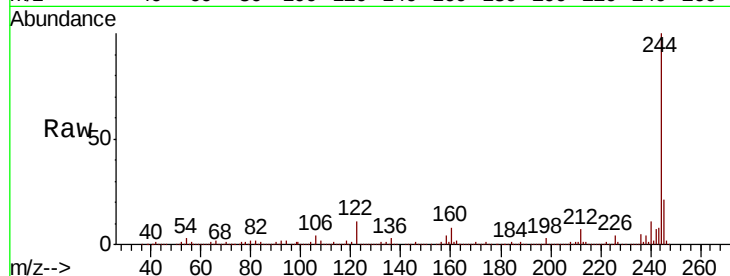
Tot Ion:244 Resp: 2024152

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

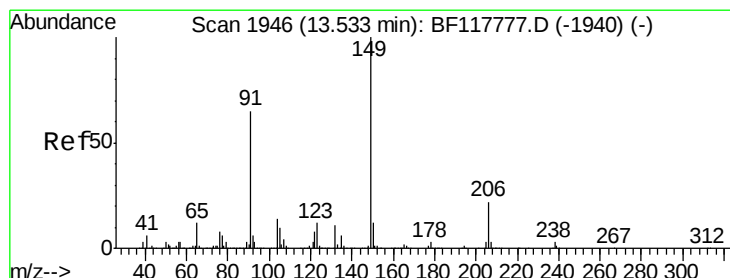
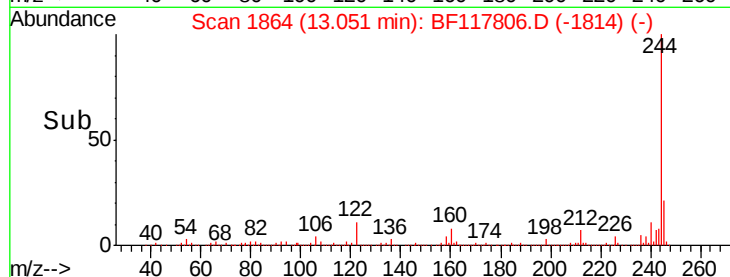
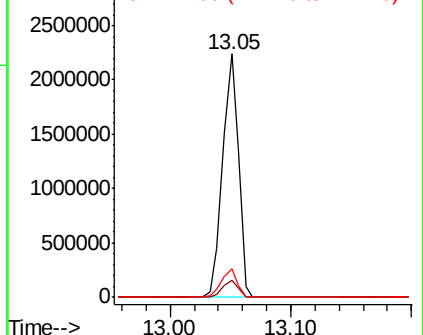
122 11.5 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.688 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

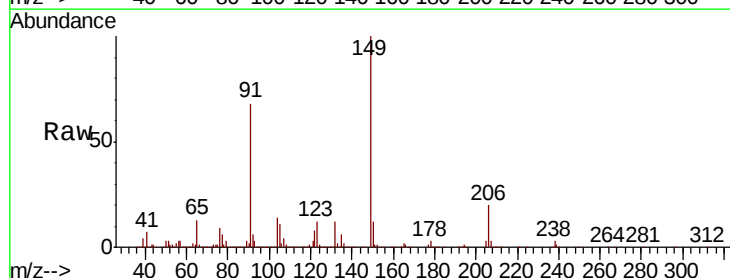
Tgt Ion:149 Resp: 812116

Ion Ratio Lower Upper

149 100

91 68.3 51.9 77.9

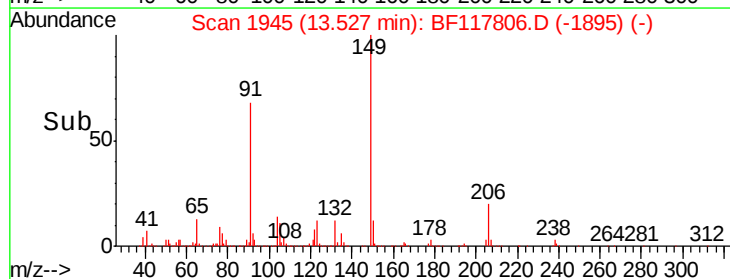
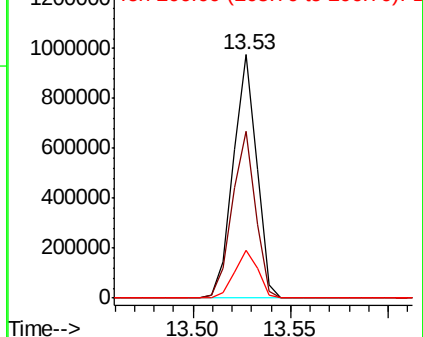
206 19.6 17.2 25.8

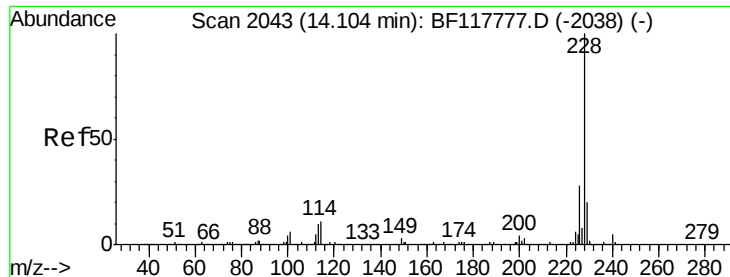


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.206 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

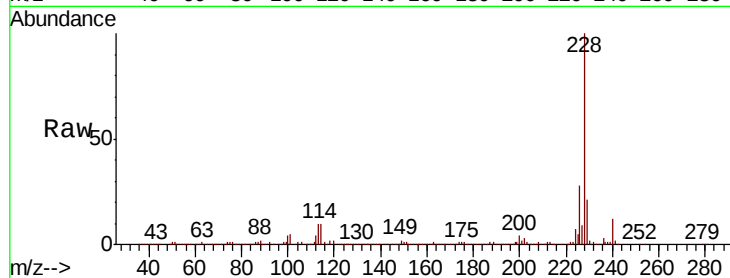
Tot Ion:228 Resp: 1568563

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.2

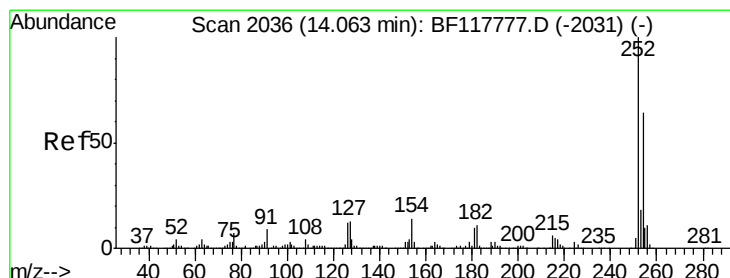
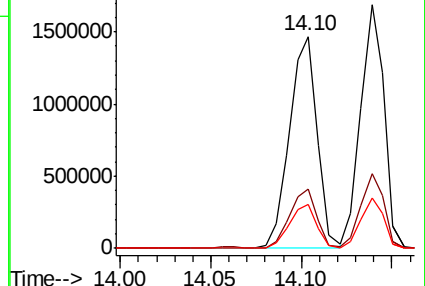
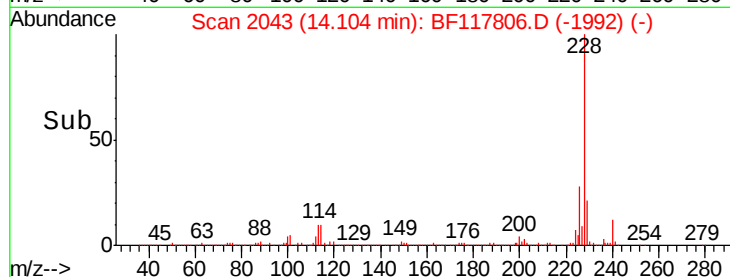
229 20.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.950 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

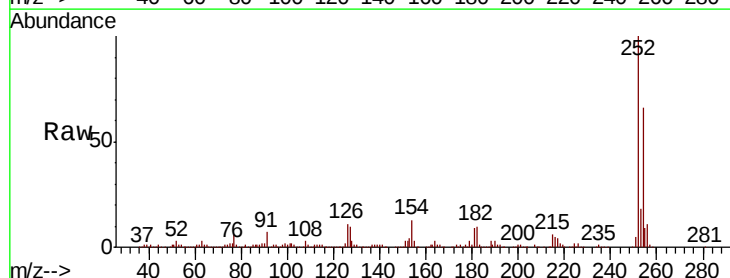
Tgt Ion:252 Resp: 469012

Ion Ratio Lower Upper

252 100

254 65.7 51.0 76.6

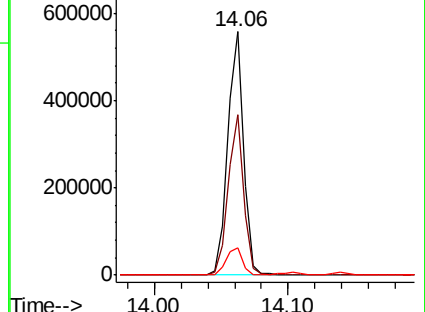
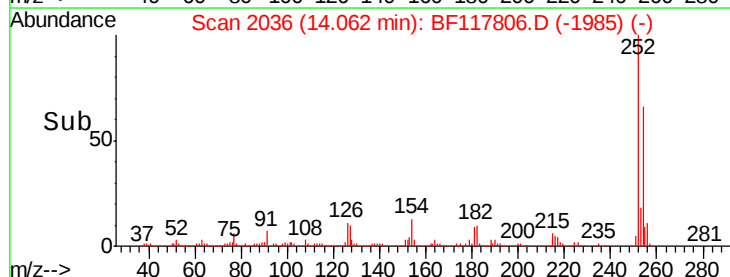
126 11.0 9.7 14.5

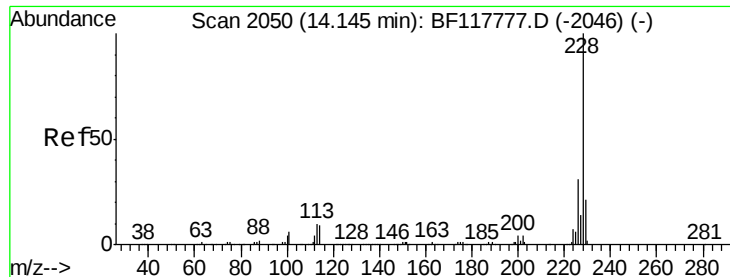


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.159 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

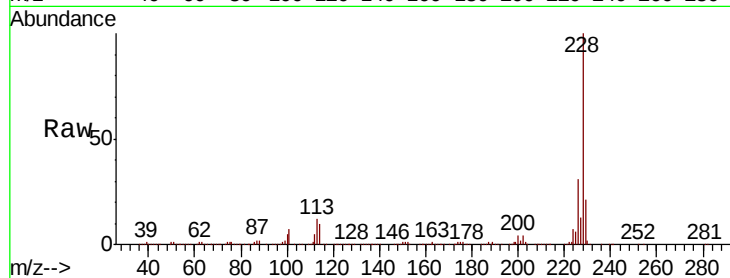
Tot Ion:228 Resp: 1517958

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.4

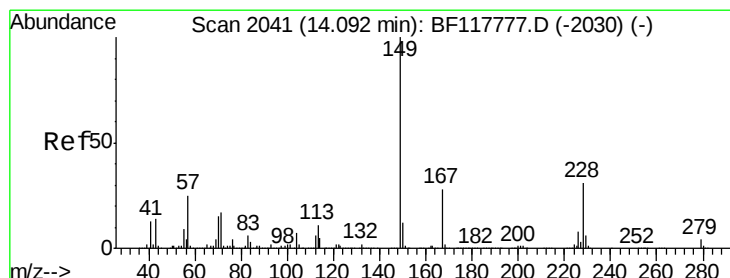
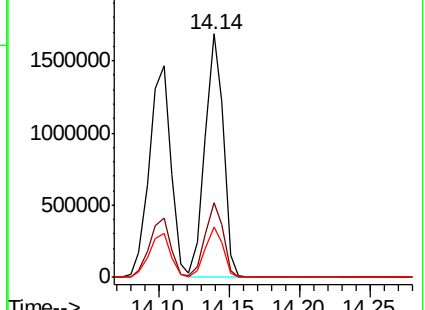
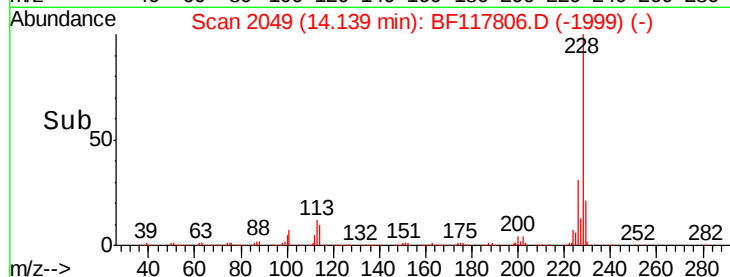
229 20.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.681 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

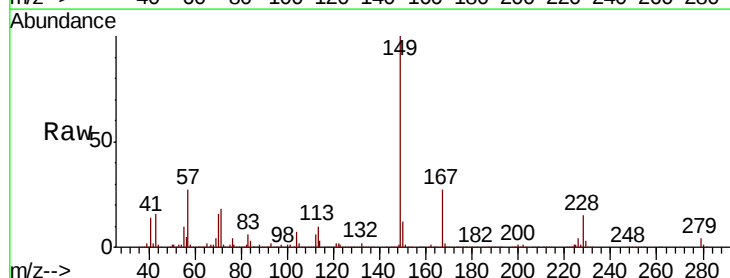
Tgt Ion:149 Resp: 1067146

Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.2

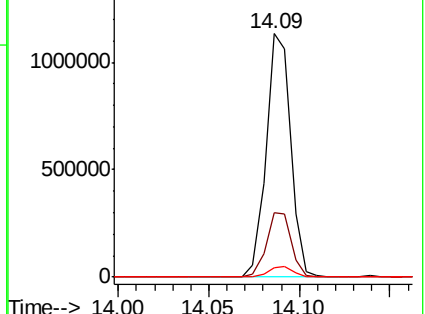
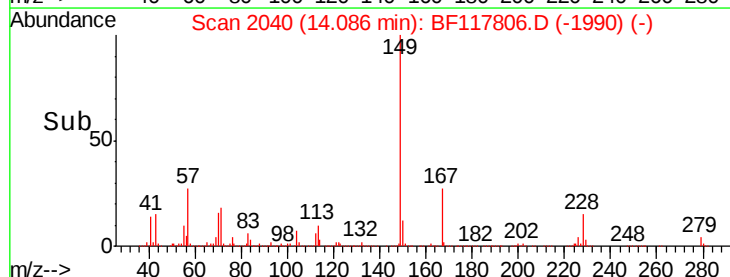
279 3.8 3.4 5.2

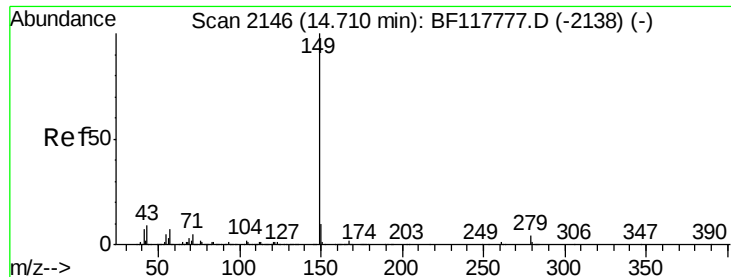


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.747 ng

RT: 14.71 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

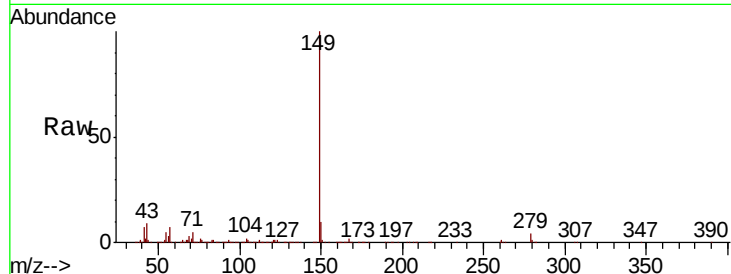
Tot Ion:149 Resp: 1732539

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

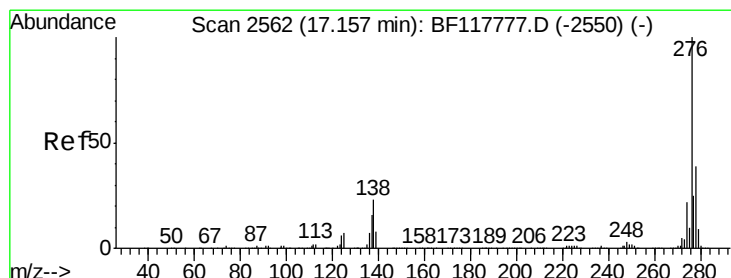
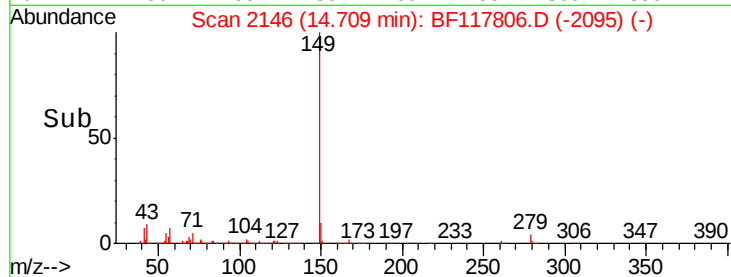
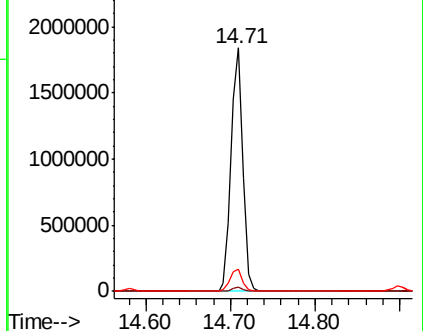
43 9.3 7.4 11.2



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: 46.045 ng

RT: 17.16 min Scan# 2562

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

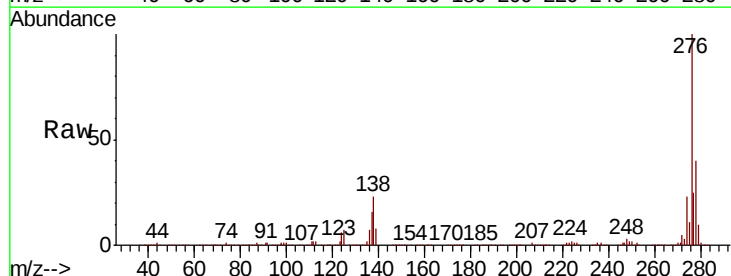
Tgt Ion:276 Resp: 1645152

Ion Ratio Lower Upper

276 100

138 25.7 20.9 31.3

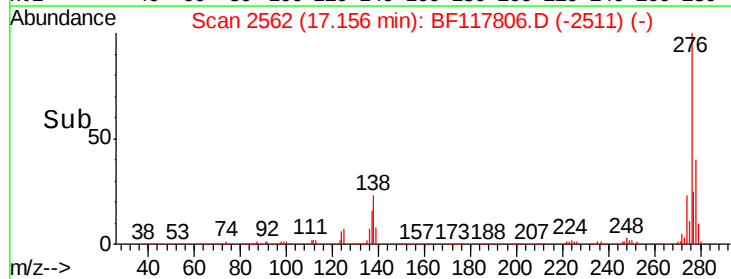
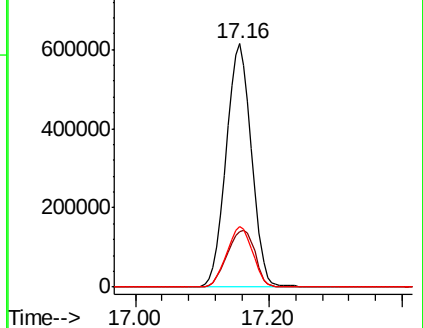
277 25.7 20.3 30.5

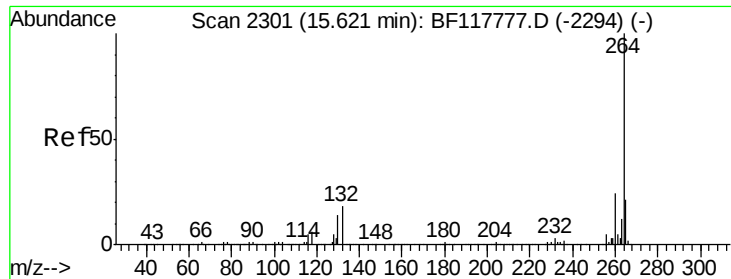


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



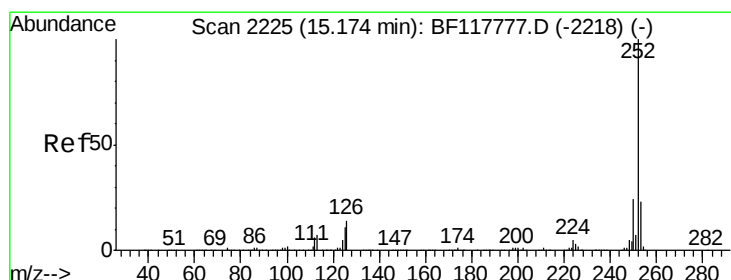
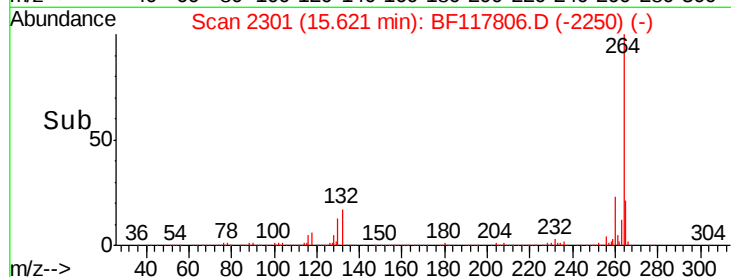
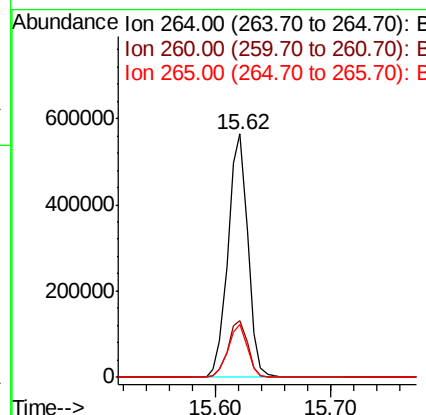
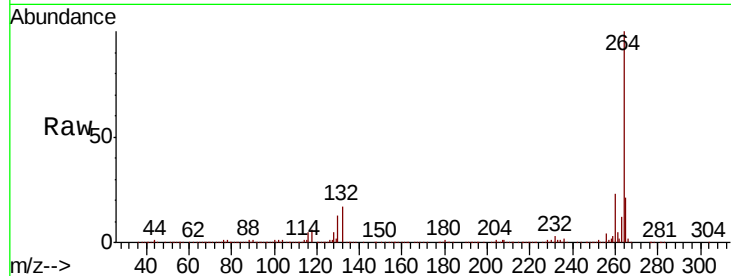


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 671438

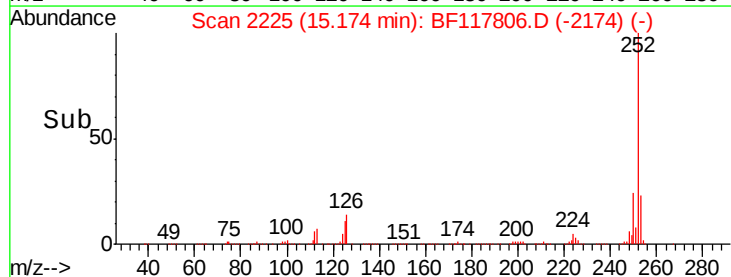
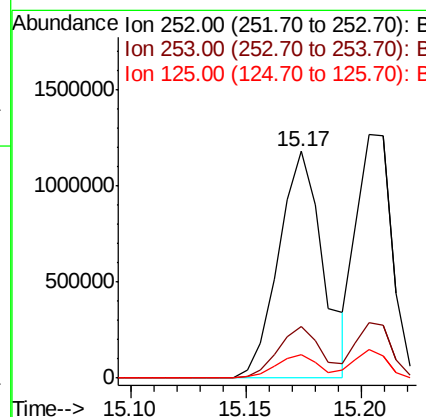
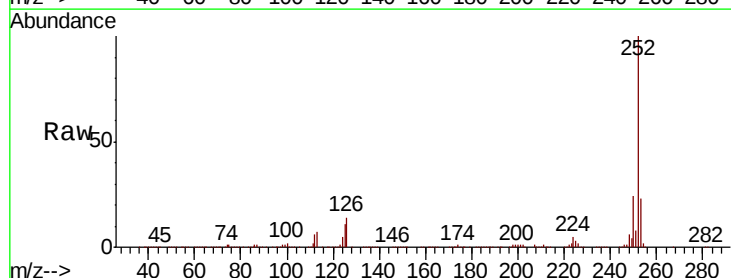
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.5	17.1	25.7

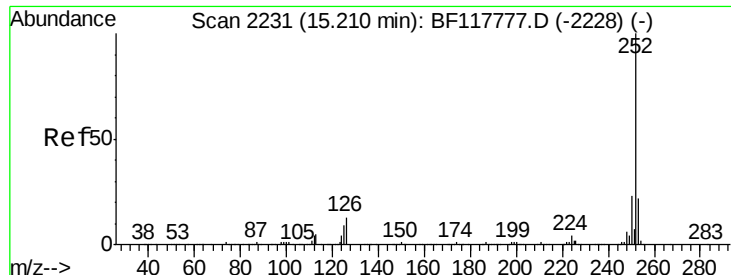


#88
Benzo(b)fluoranthene
Concen: 36.061 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:252 Resp: 1573113

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.6	8.6	13.0

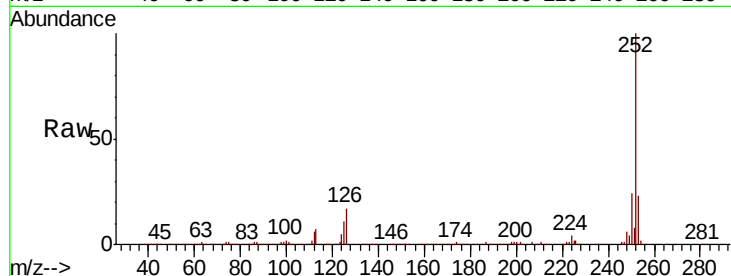




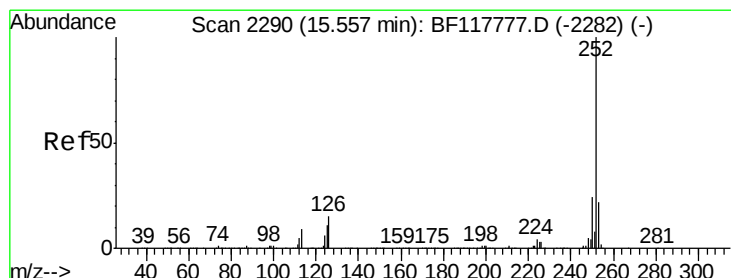
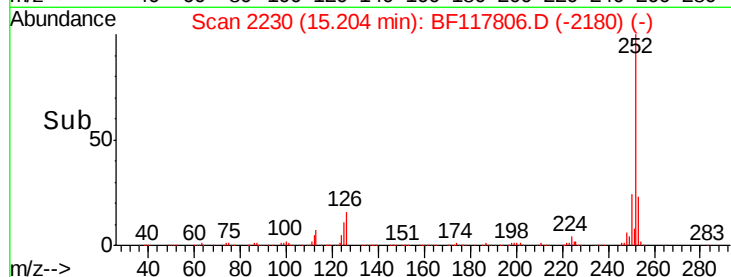
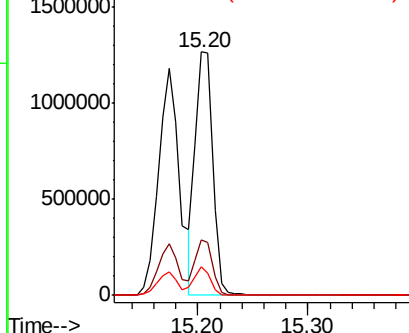
#89
Benzo(k)fluoranthene
Concen: 33.077 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1359576
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 11.5 7.9 11.9

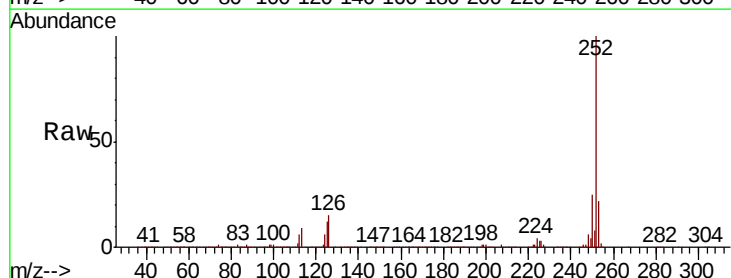


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

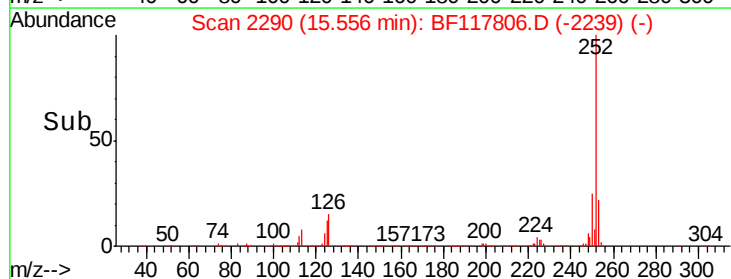
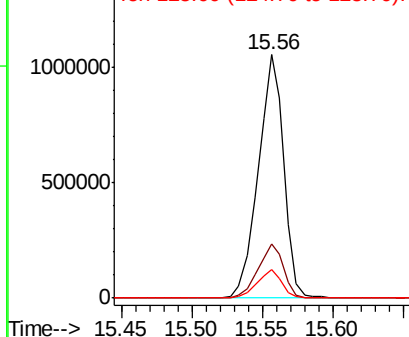


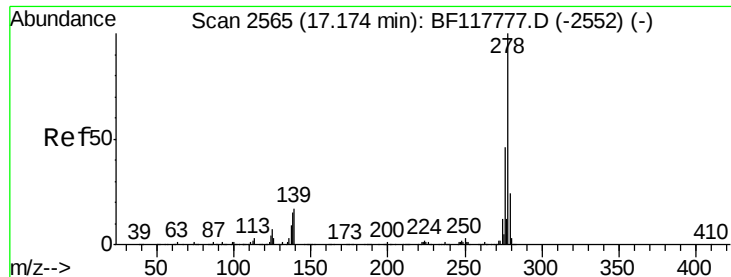
#90
Benzo(a)pyrene
Concen: 34.860 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:252 Resp: 1337236
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.8 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.365 ng

RT: 17.17 min Scan# 2565

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

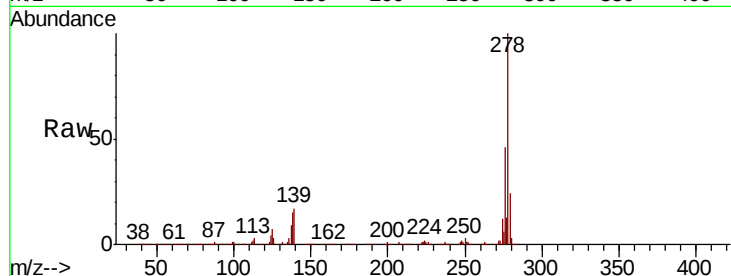
Tot Ion:278 Resp: 1365755

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.8	20.8
279	24.2	19.6	29.4

278 100

139 16.9 13.8 20.8

279 24.2 19.6 29.4

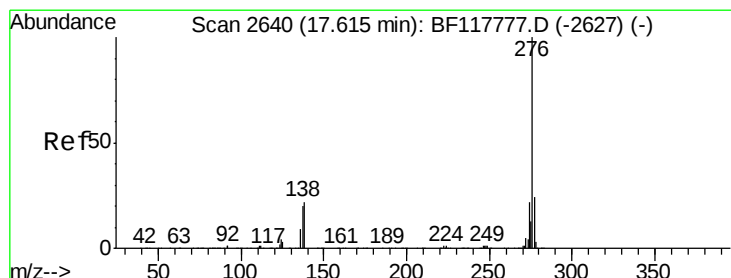
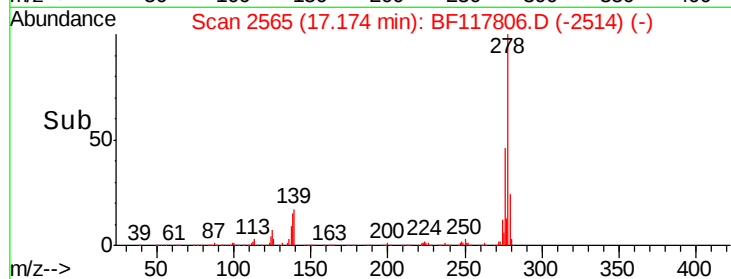
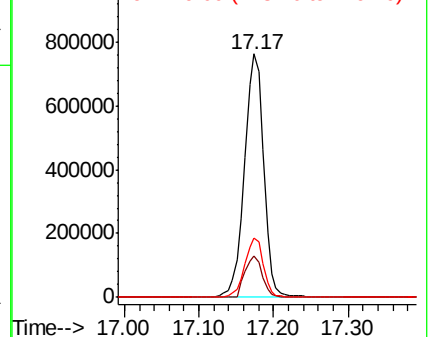


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 42.372 ng

RT: 17.62 min Scan# 2641

Delta R.T. 0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

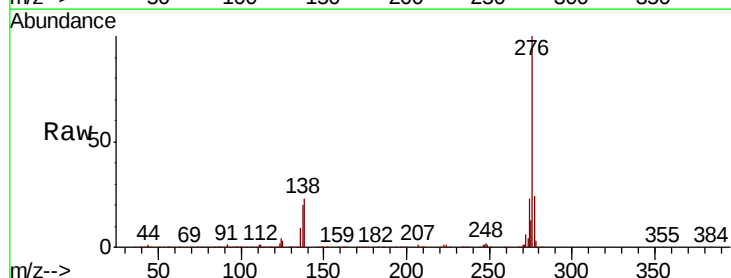
Tgt Ion:276 Resp: 1393453

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	23.1	17.4	26.2

276 100

277 24.2 18.9 28.3

138 23.1 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

