

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
 Data File : BF117678.D
 Acq On : 1 Nov 2019 13:56
 Operator : JU
 Sample : K5148-17MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 17:10:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	39352	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	165400	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	88242	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	156078	20.00	ng	0.00
76) Chrysene-d12	13.89	240	117838	20.00	ng	0.00
87) Perylene-d12	15.33	264	106349	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	313951	118.69	ng	0.02
7) Phenol-d6	6.39	99	430960	121.30	ng	0.01
23) Nitrobenzene-d5	7.29	82	272461	81.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	93892	122.97	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	489701	78.19	ng	-0.01
79) Terphenyl-d14	12.83	244	584143	80.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	39940	35.913	ng	# 82
3) Pyridine	3.32	79	85030	31.233	ng	98
4) n-Nitrosodimethylamine	3.19	42	44183	44.735	ng	94
6) Aniline	6.40	93	64604	15.489	ng	# 1
8) 2-Chlorophenol	6.52	128	122702	43.960	ng	99
9) Benzaldehyde	6.29	77	50333	26.548	ng	98
10) Phenol	6.40	94	152072	41.939	ng	# 77
11) bis(2-Chloroethyl)ether	6.46	93	124325	46.354	ng	98
12) 1,3-Dichlorobenzene	6.66	146	116973	37.554	ng	98
13) 1,4-Dichlorobenzene	6.74	146	120867	38.251	ng	99
14) 1,2-Dichlorobenzene	6.89	146	114807	38.545	ng	97
15) Benzyl Alcohol	6.89	79	116530	45.910	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	120568	41.672	ng	73
17) 2-Methylphenol	7.00	107	104783	45.635	ng	93
18) Hexachloroethane	7.22	117	45027	36.509	ng	91
19) n-Nitroso-di-n-propylamine	7.15	70	96560	44.503	ng	97
20) 3+4-Methylphenols	7.16	107	137635	45.719	ng	# 62
22) Acetophenone	7.14	105	183050	41.678	ng	95
24) Nitrobenzene	7.31	77	139373	43.433	ng	98
25) Isophorone	7.55	82	263655	45.490	ng	98
26) 2-Nitrophenol	7.63	139	65508	45.771	ng	92
27) 2,4-Dimethylphenol	7.67	122	111740	52.242	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	153140	42.820	ng	99
29) 2,4-Dichlorophenol	7.89	162	100897	44.974	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	96112	39.922	ng	99
31) Naphthalene	8.03	128	352306	42.973	ng	99
32) Benzoic acid	7.86	122	53968	36.838	ng	95
33) 4-Chloroaniline	8.11	127	42099	12.167	ng	94
34) Hexachlorobutadiene	8.14	225	51682	37.089	ng	98
35) Caprolactam	8.48	113	17644	24.482	ng	99
36) 4-Chloro-3-methylphenol	8.59	107	123000	48.073	ng	99
37) 2-Methylnaphthalene	8.72	142	246371	44.598	ng	99
38) 1-Methylnaphthalene	8.82	142	231315	44.561	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	93831	39.480	ng	100

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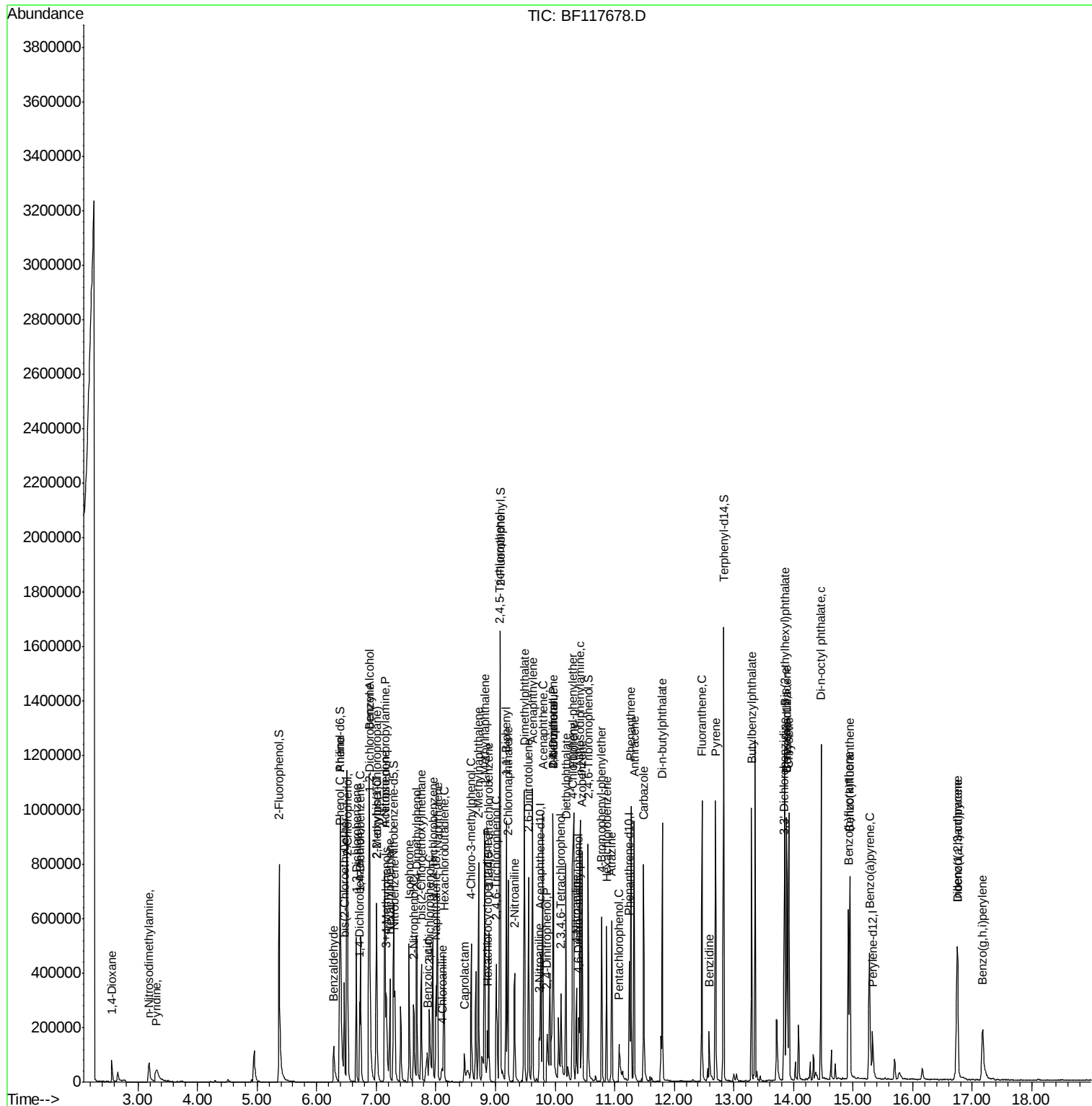
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	24399	48.314	ng	92
43) 2,4,6-Trichlorophenol	9.01	196	63673	42.781	ng	94
44) 2,4,5-Trichlorophenol	9.07	196	64572	42.814	ng	96
46) 1,1'-Biphenyl	9.18	154	291562	39.911	ng	99
47) 2-Chloronaphthalene	9.21	162	222485	40.393	ng	98
48) 2-Nitroaniline	9.32	65	79690	44.072	ng	95
49) Acenaphthylene	9.62	152	354699	43.842	ng	98
50) Dimethylphthalate	9.49	163	340810	54.177	ng	100
51) 2,6-Dinitrotoluene	9.56	165	62143	47.339	ng #	73
52) Acenaphthene	9.79	154	214739	43.262	ng	99
53) 3-Nitroaniline	9.74	138	36094	22.661	ng	86
54) 2,4-Dinitrophenol	9.87	184	42056	77.586	ng	98
55) Dibenzofuran	9.96	168	321485	44.704	ng	94
56) 4-Nitrophenol	9.96	139	190065	249.985	ng #	14
57) 2,4-Dinitrotoluene	9.97	165	84378	48.346	ng	91
58) Fluorene	10.31	166	267685	45.012	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	49638	41.876	ng #	96
60) Diethylphthalate	10.18	149	294695	46.315	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	116291	43.585	ng	93
62) 4-Nitroaniline	10.36	138	64752	43.132	ng	96
63) Azobenzene	10.46	77	304052	46.680	ng	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	36299	45.743	ng	93
66) n-Nitrosodiphenylamine	10.42	169	235491	41.272	ng	98
67) 4-Bromophenyl-phenylether	10.79	248	66299	39.437	ng	89
68) Hexachlorobenzene	10.86	284	69101	38.381	ng	98
69) Atrazine	10.96	200	75825	52.231	ng	99
70) Pentachlorophenol	11.07	266	37400	69.294	ng	95
71) Phenanthrene	11.27	178	382495	42.205	ng	98
72) Anthracene	11.33	178	404227	43.470	ng	100
73) Carbazole	11.49	167	376169	44.265	ng	99
74) Di-n-butylphthalate	11.80	149	509853	44.901	ng	98
75) Fluoranthene	12.46	202	401293	44.231	ng	99
77) Benzidine	12.59	184	90046	23.338	ng	98
78) Pyrene	12.69	202	410689	40.575	ng	99
80) Butylbenzylphthalate	13.30	149	218888	43.458	ng	98
81) Benzo(a)anthracene	13.89	228	341259	42.933	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	61612	24.702	ng	98
83) Chrysene	13.92	228	331618	42.569	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	332565	47.135	ng	97
85) Di-n-octyl phthalate	14.46	149	556422	51.293	ng	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	242095	41.624	ng	98
88) Benzo(b)fluoranthene	14.92	252	277848	44.243	ng	97
89) Benzo(k)fluoranthene	14.95	252	269475	41.866	ng	100
90) Benzo(a)pyrene	15.27	252	239867	42.009	ng	96
91) Dibenzo(a,h)anthracene	16.74	278	208395	42.209	ng	96
92) Benzo(g,h,i)perylene	17.17	276	198046	42.395	ng	96

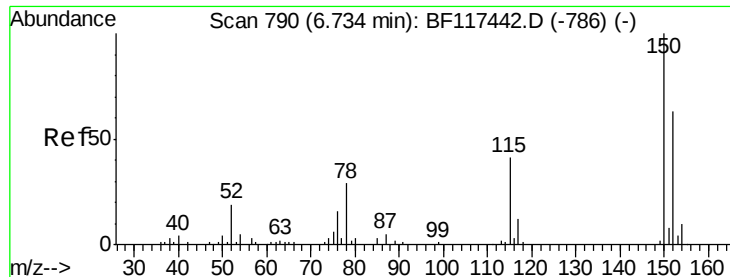
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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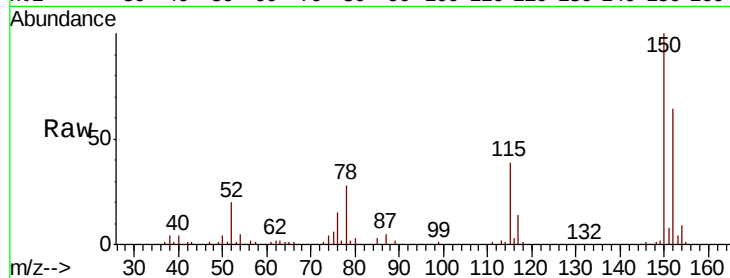


#1

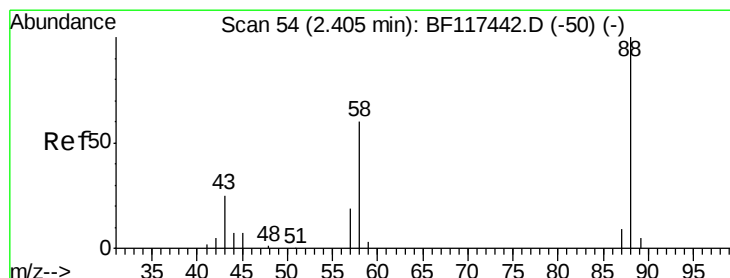
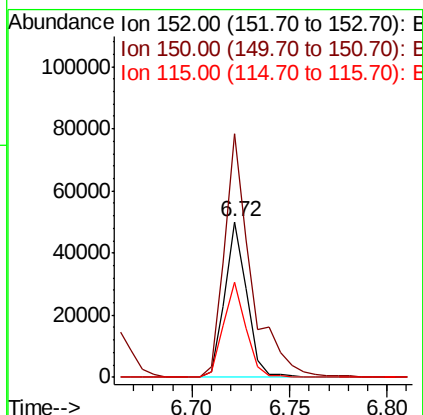
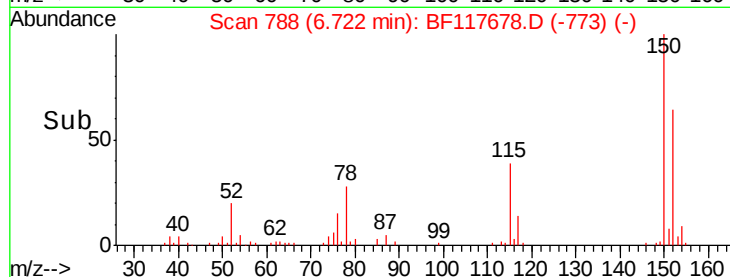
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 39352
Ion Ratio Lower Upper
152 100
150 156.5 126.8 190.2
115 61.2 51.6 77.4



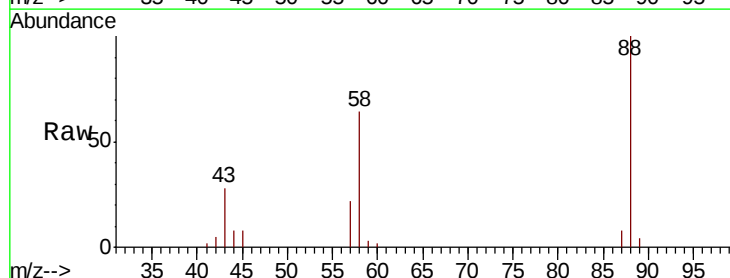
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



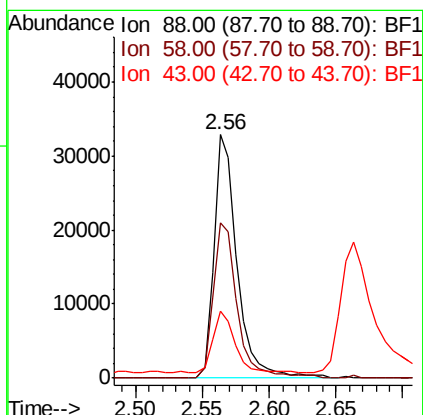
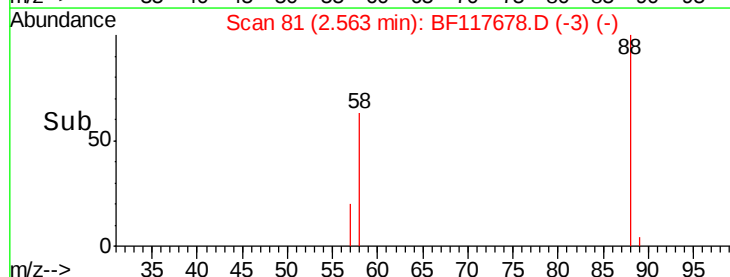
#2

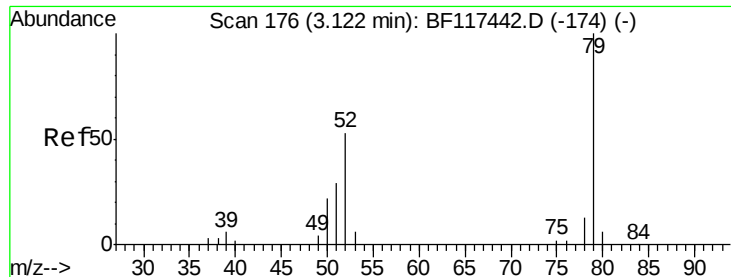
1,4-Dioxane
Concen: 35.913 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.16 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion: 88 Resp: 39940
Ion Ratio Lower Upper
88 100
58 66.5 48.8 73.2
43 0.0 18.5 27.7#



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

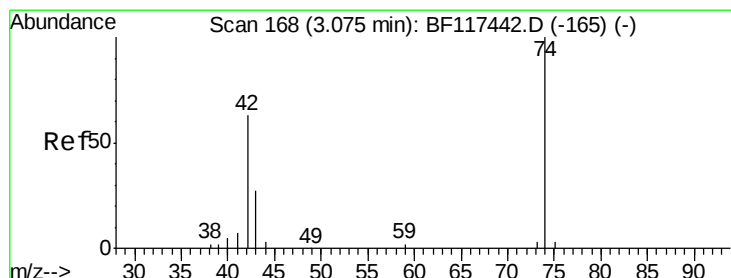
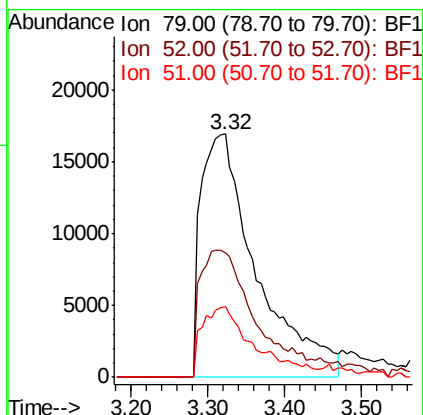
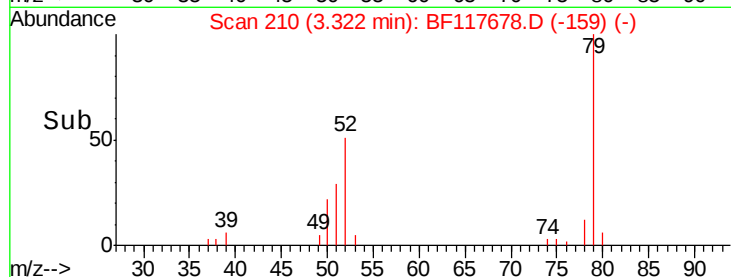
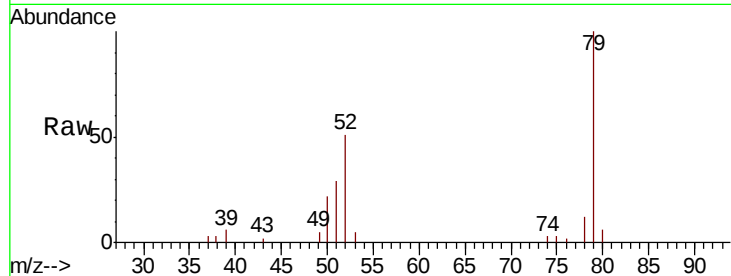




#3
 Pvridine
 Concen: 31.233 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.20 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

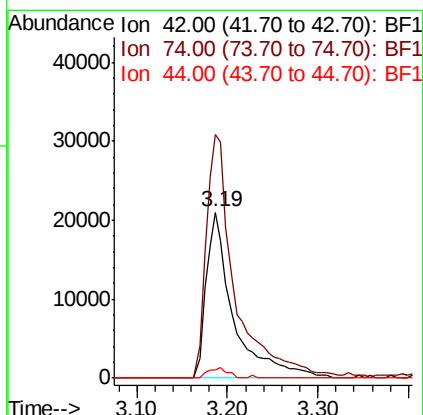
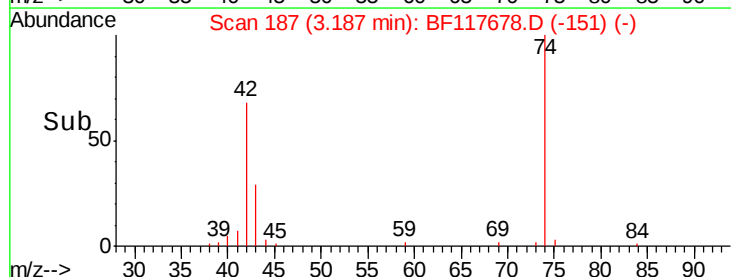
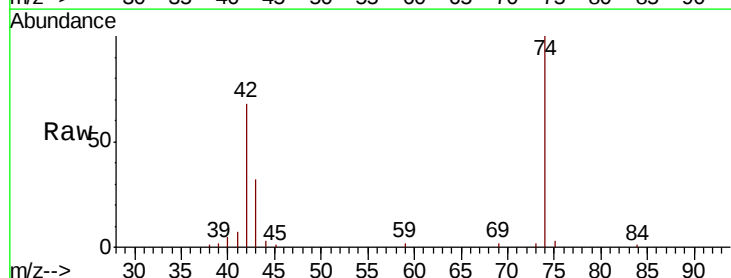
Instrument :
 BNA_F
 ClientSampled :

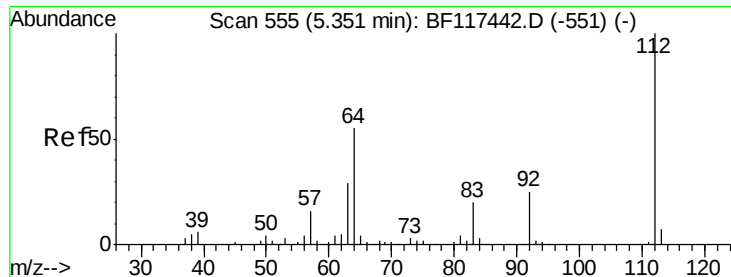
Tot Ion: 79 Resp: 85030
 Ion Ratio Lower Upper
 79 100
 52 51.0 42.4 63.6
 51 29.1 23.3 34.9



#4
 n-Nitrosodimethylamine
 Concen: 44.735 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.11 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Tgt Ion: 42 Resp: 44183
 Ion Ratio Lower Upper
 42 100
 74 147.1 124.2 186.4
 44 4.6 4.2 6.4





#5

2-Fluorophenol

Concen: 118.689 ng

RT: 5.37 min Scan# 558

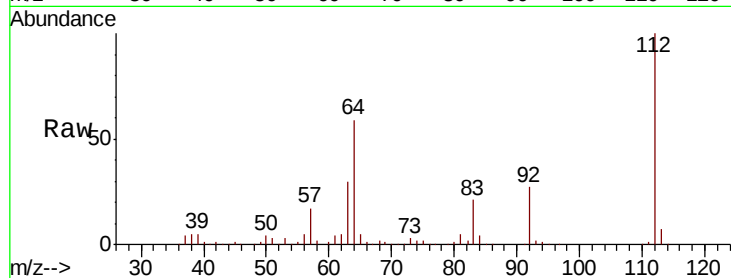
Delta R.T. 0.02 min

Lab File: BF117678.D

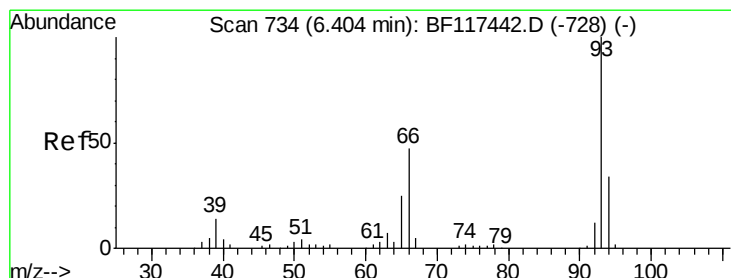
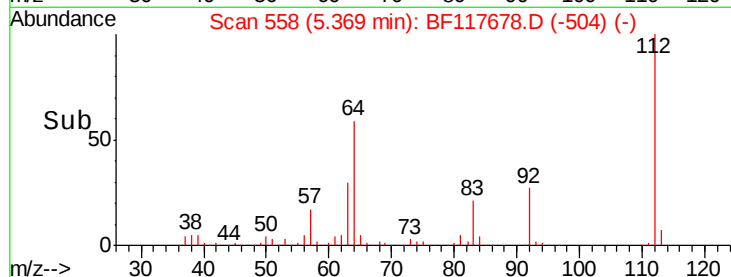
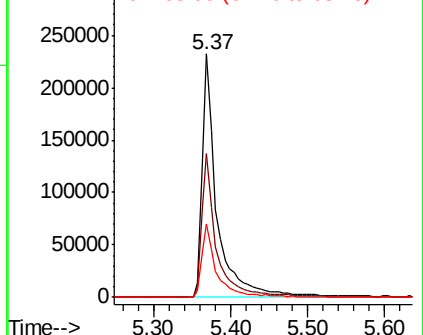
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	313951
Ion	Ratio	Lower	Upper
112	100		
64	58.8	44.1	66.1
63	30.3	23.4	35.2



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: 15.489 ng

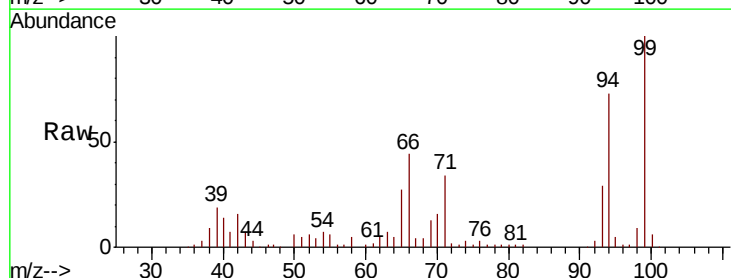
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

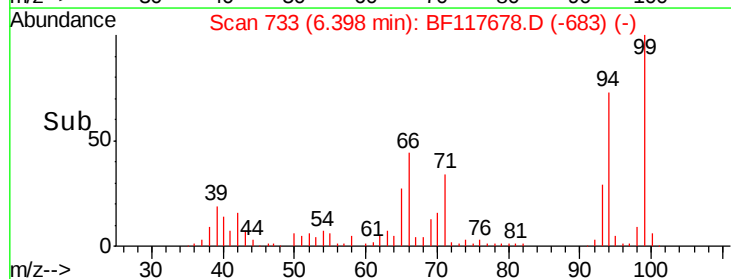
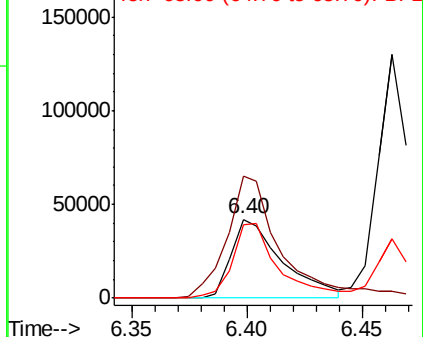
Lab File: BF117678.D

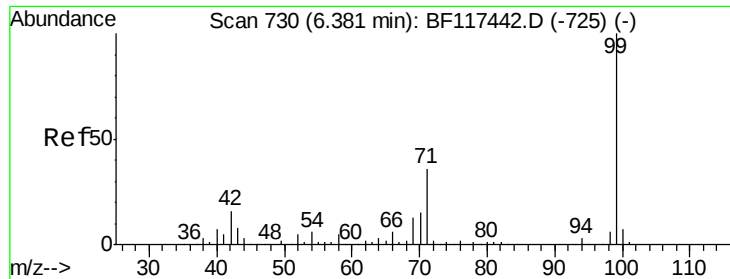
Acq: 1 Nov 2019 13:56

Tgt Ion:	93	Resp:	64604
Ion	Ratio	Lower	Upper
93	100		
66	155.6	38.7	58.1#
65	93.5	20.1	30.1#



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: 121.304 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

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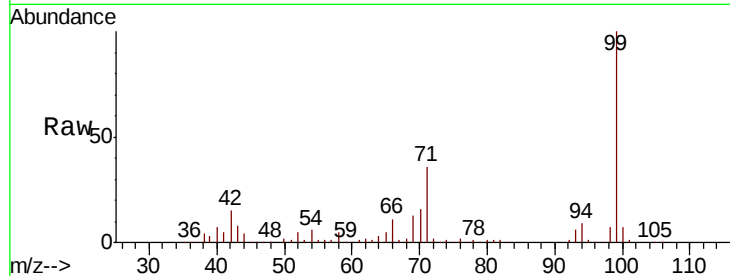
Tot Ion: 99 Resp: 430960

Ion Ratio Lower Upper

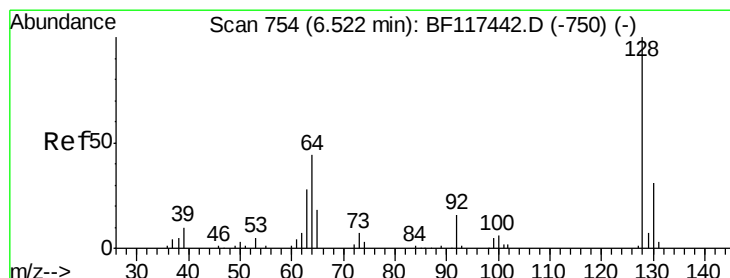
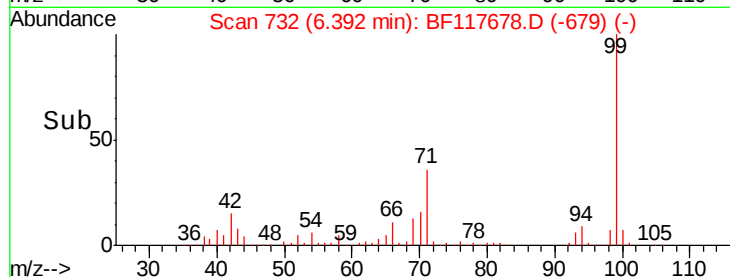
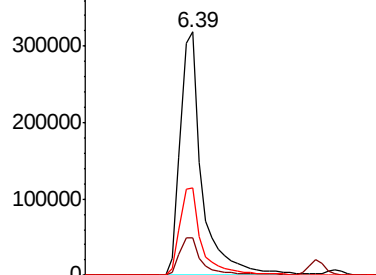
99 100

42 15.3 12.8 19.2

71 35.8 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: 43.960 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

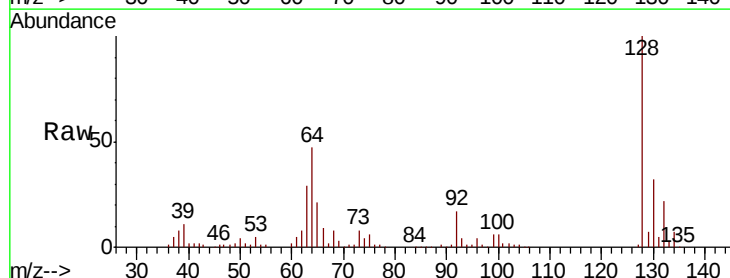
Tgt Ion:128 Resp: 122702

Ion Ratio Lower Upper

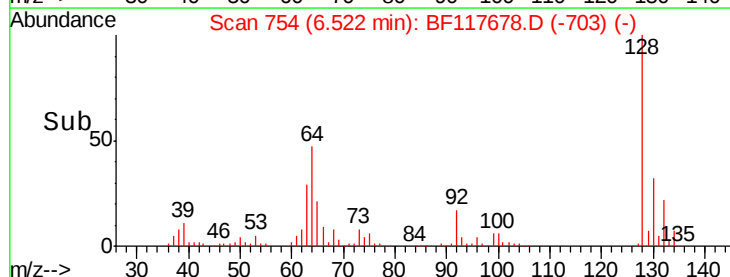
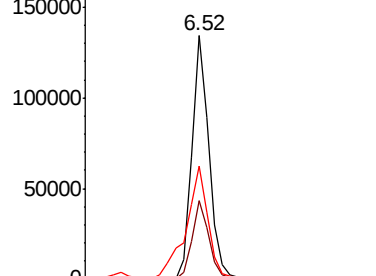
128 100

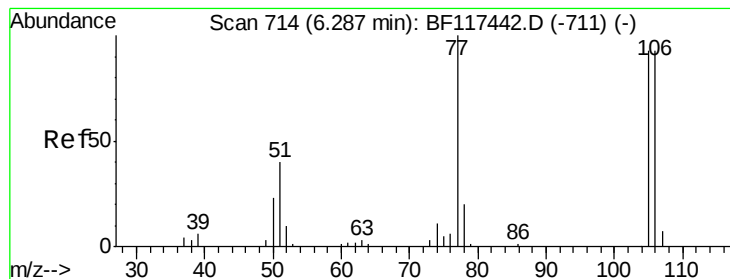
130 32.2 11.1 51.1

64 46.6 27.1 67.1



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: 26.548 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

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Acq: 1 Nov 2019 13:56

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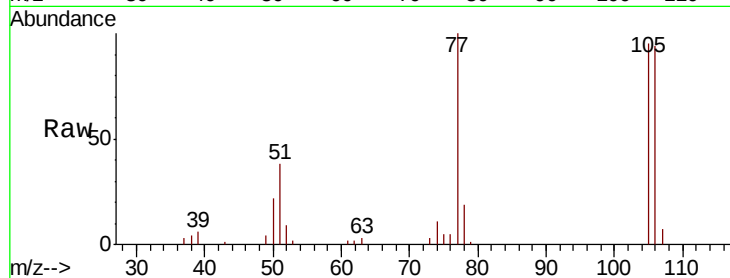
Tot Ion: 77 Resp: 50333

Ion Ratio Lower Upper

77 100

105 95.3 73.4 113.4

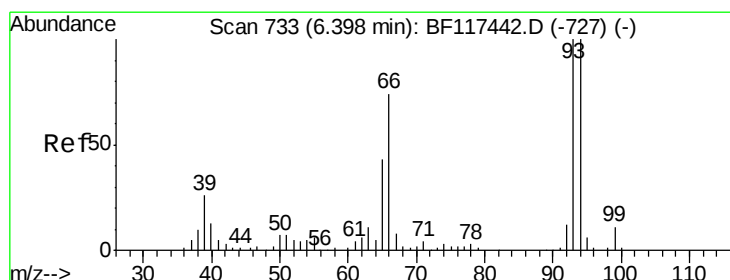
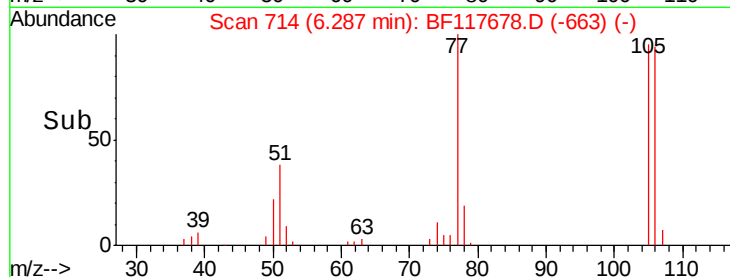
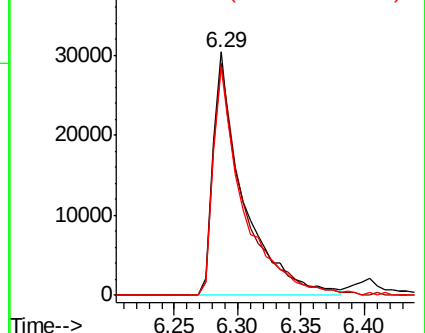
106 94.0 73.0 113.0



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: 41.939 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

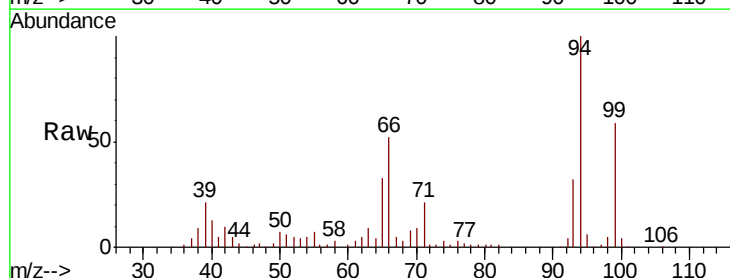
Tgt Ion: 94 Resp: 152072

Ion Ratio Lower Upper

94 100

65 33.2 23.4 63.4

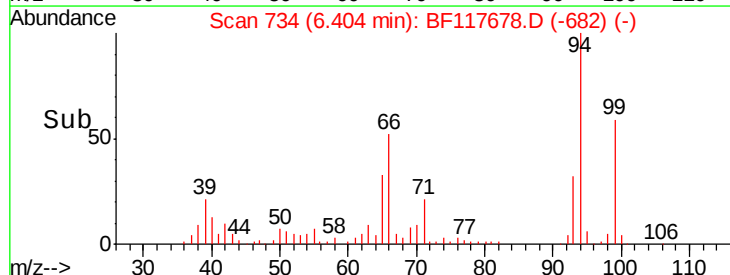
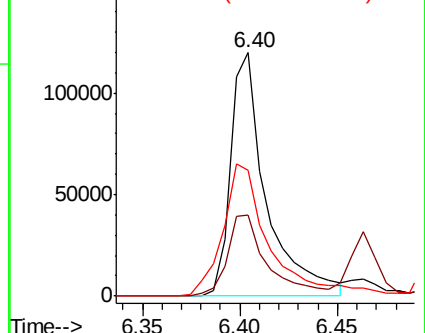
66 51.8 54.7 94.7#

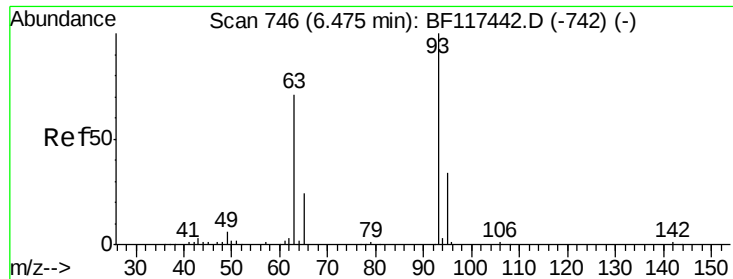


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 46.354 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

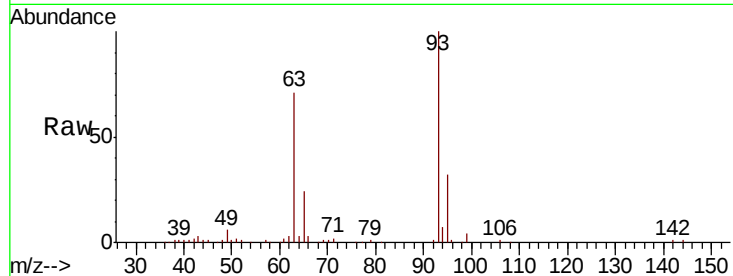
Tot Ion: 93 Resp: 124325

Ion Ratio Lower Upper

93 100

63 70.8 50.2 90.2

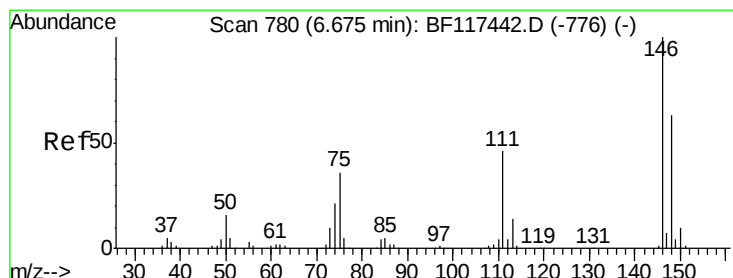
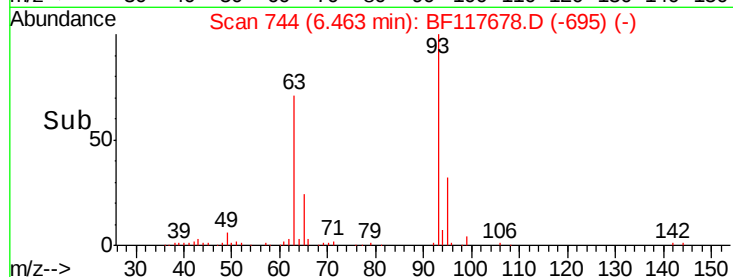
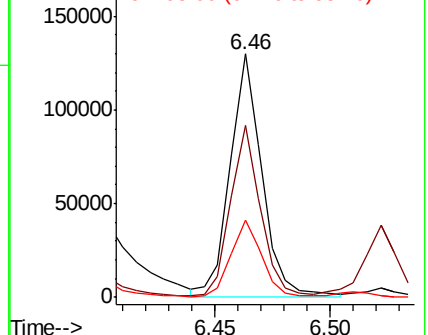
95 31.6 13.9 53.9



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: 37.554 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

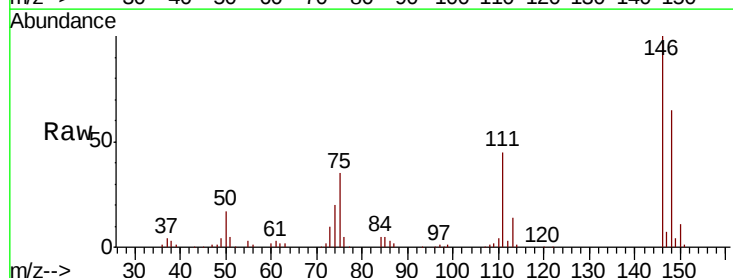
Tgt Ion: 146 Resp: 116973

Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

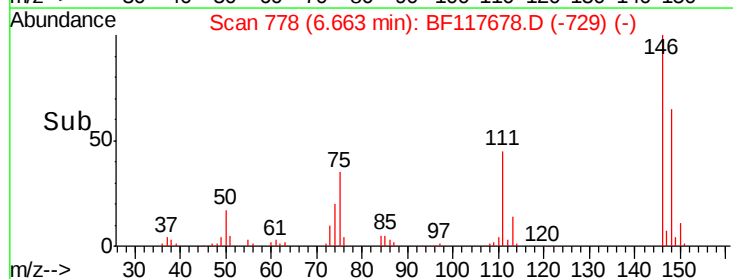
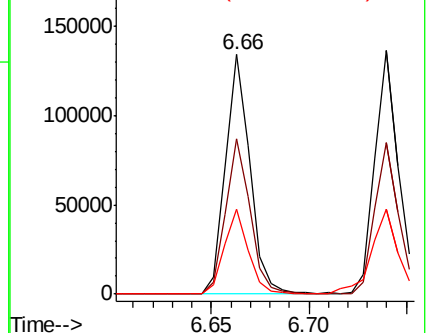
75 35.3 28.6 43.0

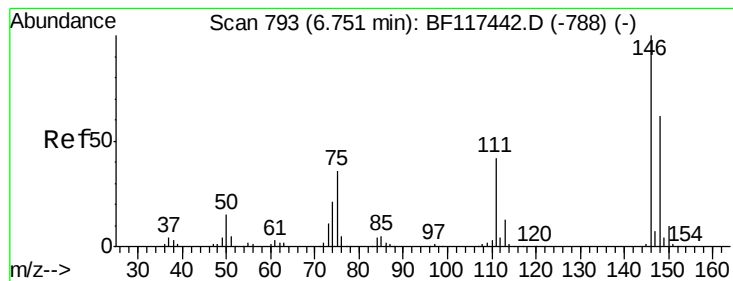


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.251 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

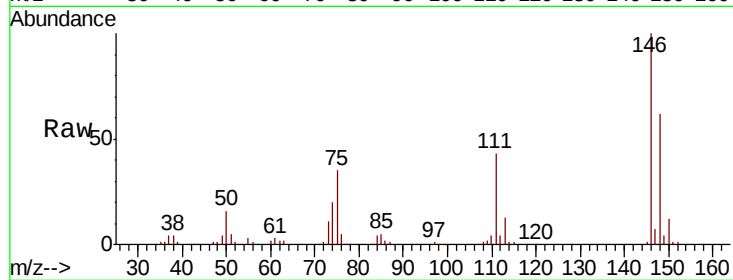
Tot Ion:146 Resp: 120867

Ion Ratio Lower Upper

146 100

148 62.3 49.3 73.9

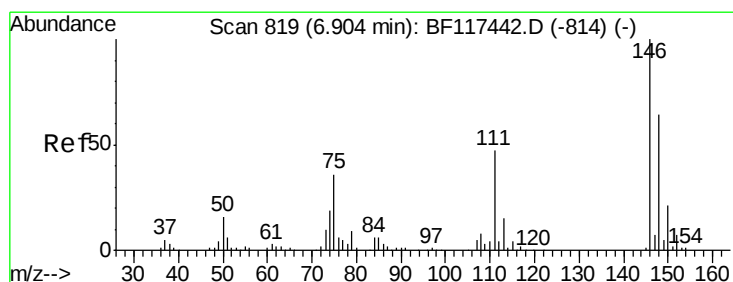
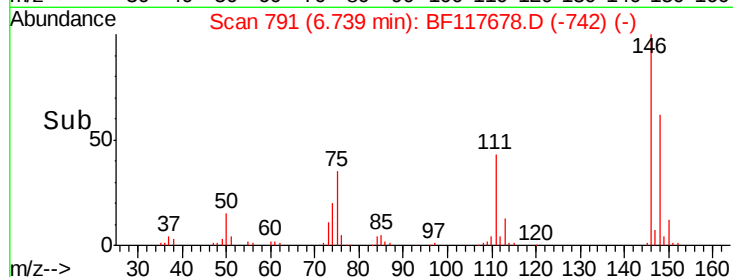
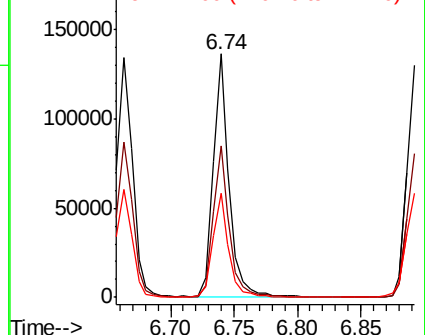
111 42.6 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.545 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

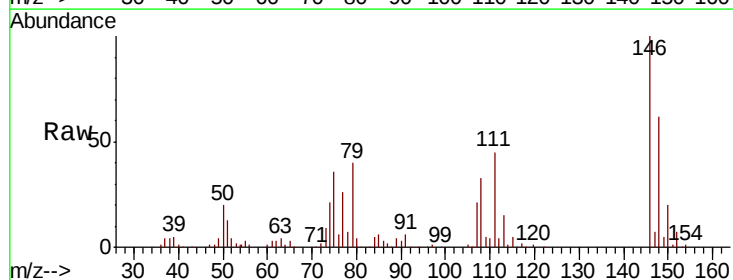
Tgt Ion:146 Resp: 114807

Ion Ratio Lower Upper

146 100

148 61.9 51.4 77.0

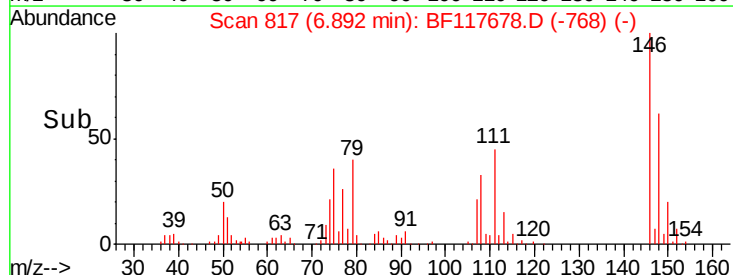
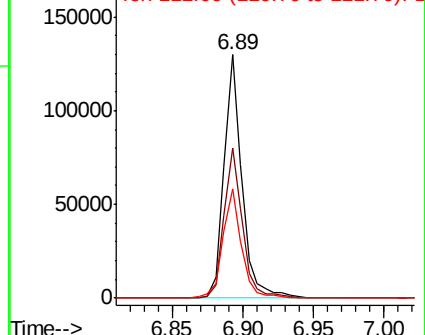
111 44.7 37.7 56.5

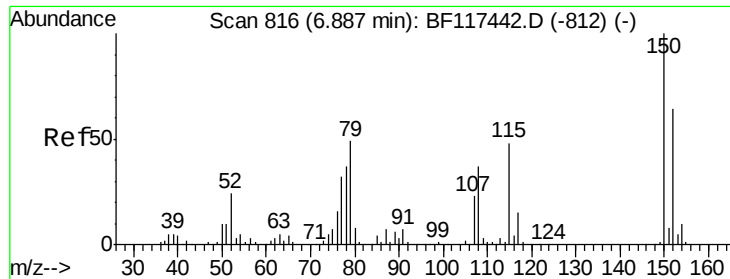


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.910 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampled :

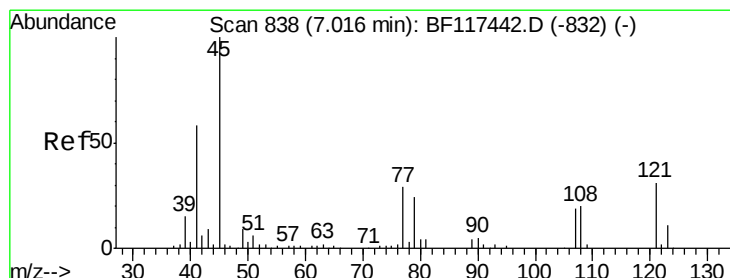
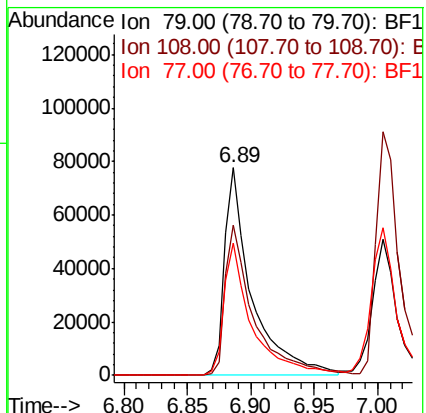
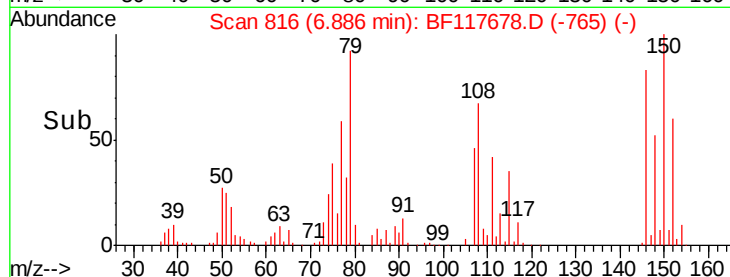
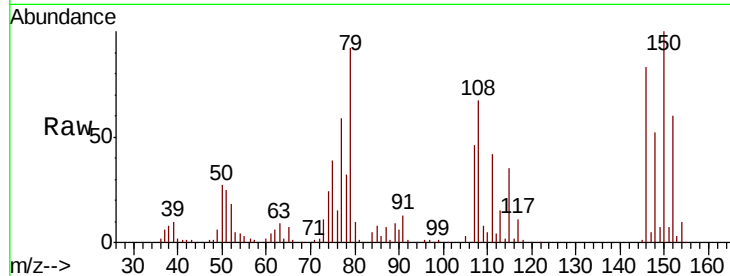
Tot Ion: 79 Resp: 116530

Ion Ratio Lower Upper

79 100

108 72.6 59.8 89.8

77 63.4 51.4 77.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.672 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

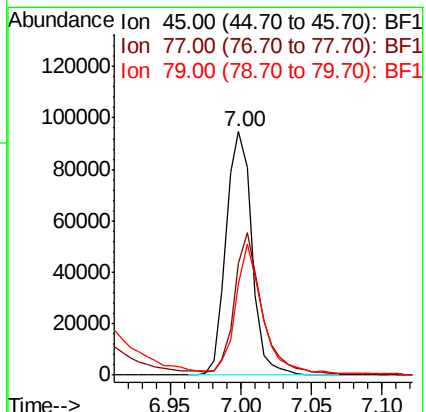
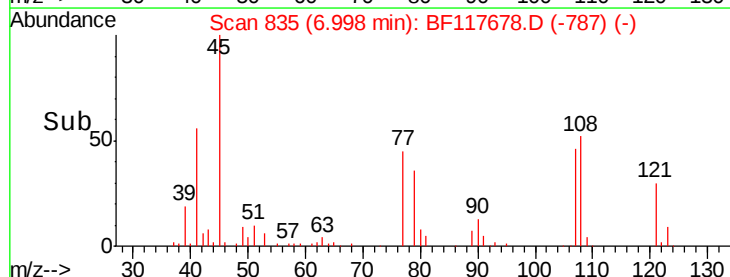
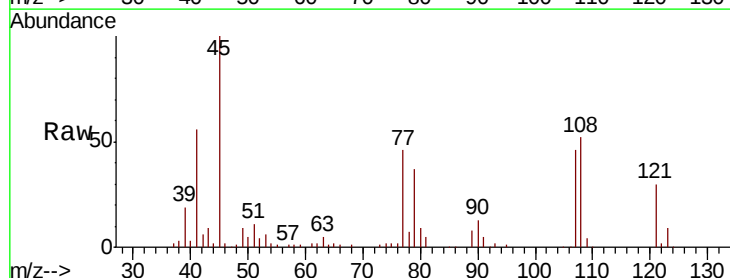
Tgt Ion: 45 Resp: 120568

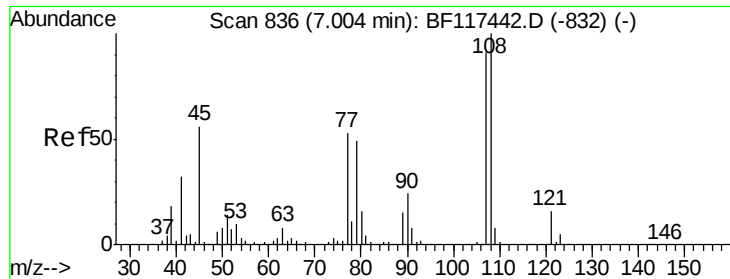
Ion Ratio Lower Upper

45 100

77 45.7 9.9 49.9

79 37.3 5.5 45.5

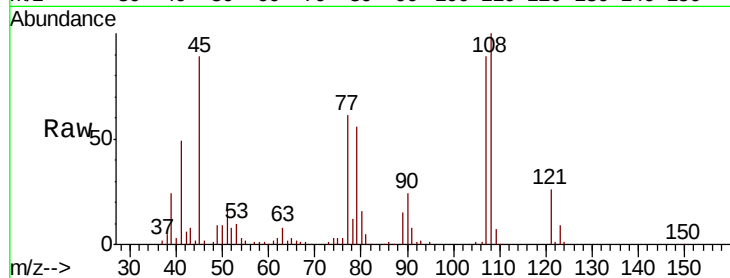




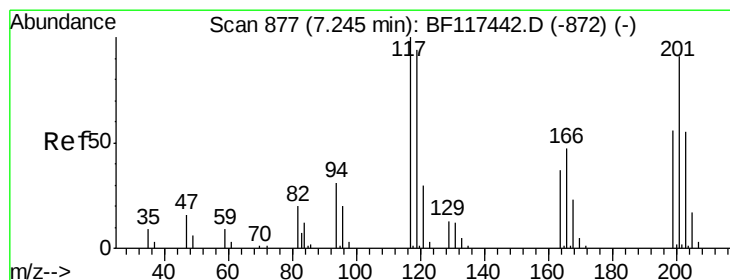
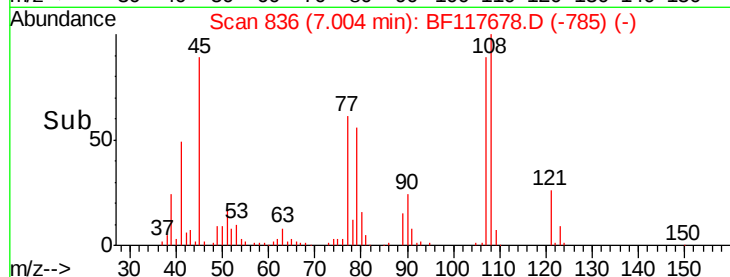
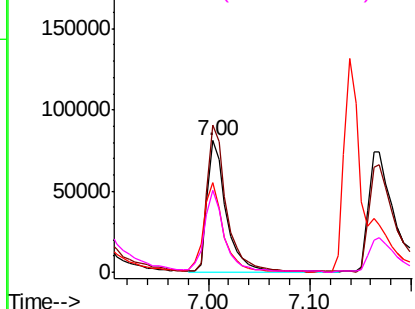
#17
2-Methylphenol
Concen: 45.635 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 104783
Ion Ratio Lower Upper
107 100
108 112.5 88.0 132.0
77 68.3 47.2 70.8
79 62.7 44.1 66.1

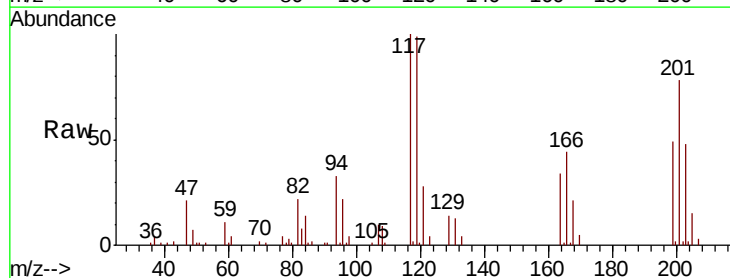


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

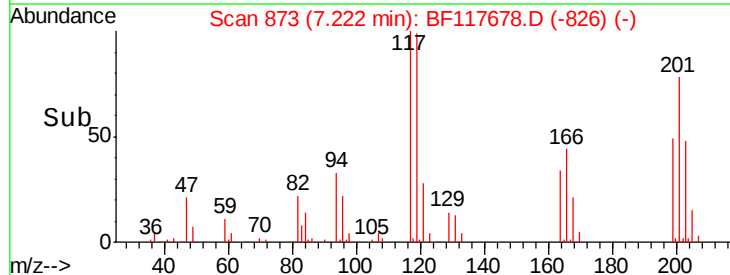
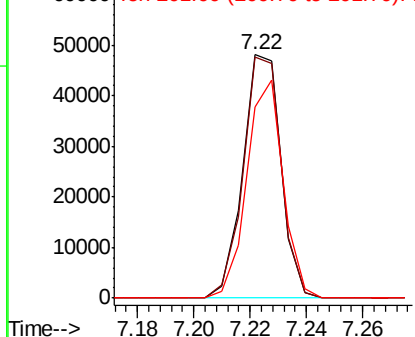


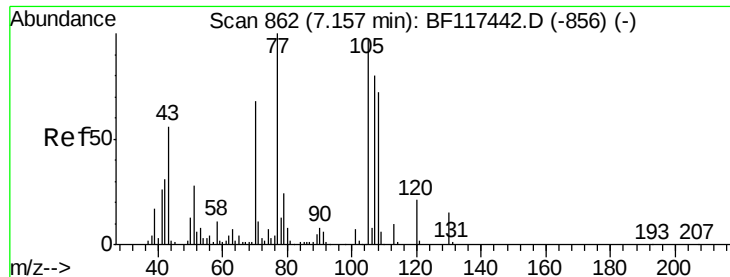
#18
Hexachloroethane
Concen: 36.509 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:117 Resp: 45027
Ion Ratio Lower Upper
117 100
119 99.2 75.4 113.0
201 78.3 72.5 108.7



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

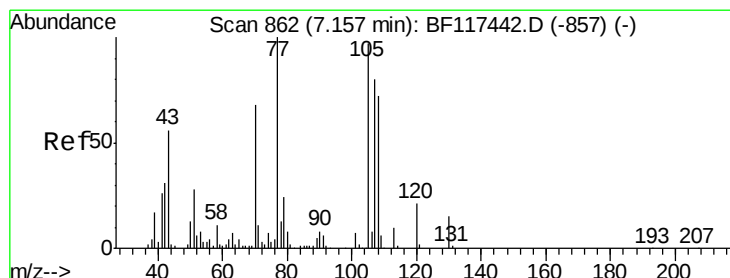
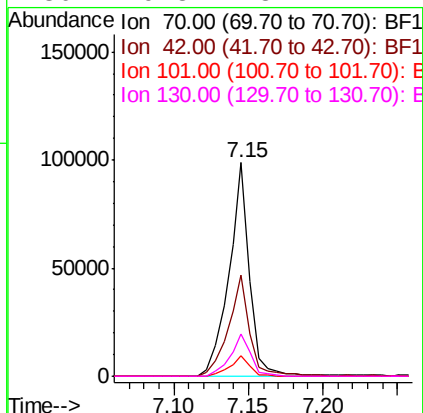
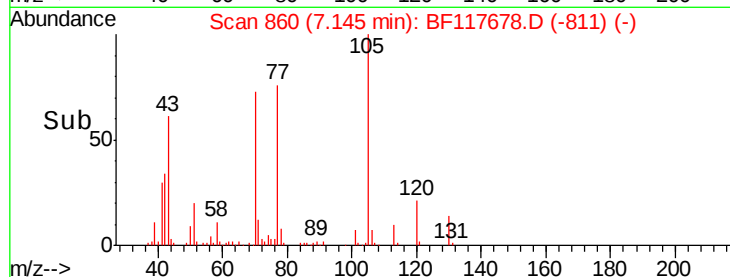
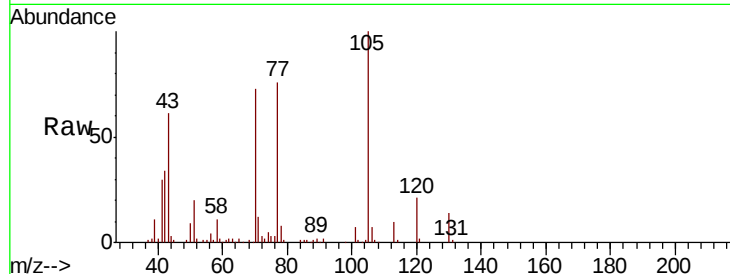




#19
n-Nitroso-di-n-propylamine
Concen: 44.503 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

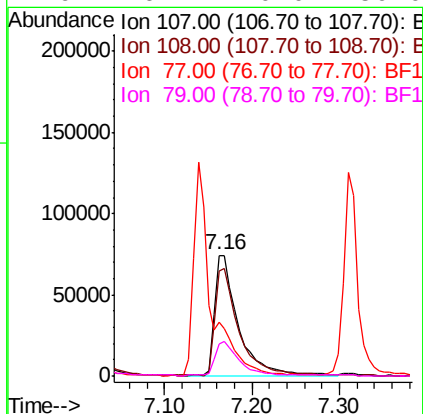
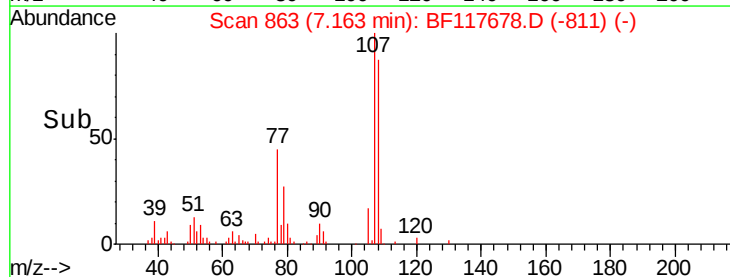
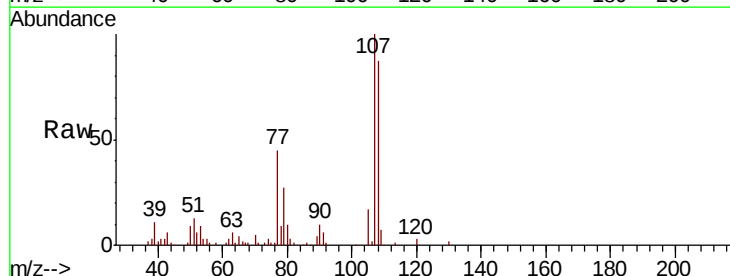
Instrument :
BNA_F
ClientSampleId :

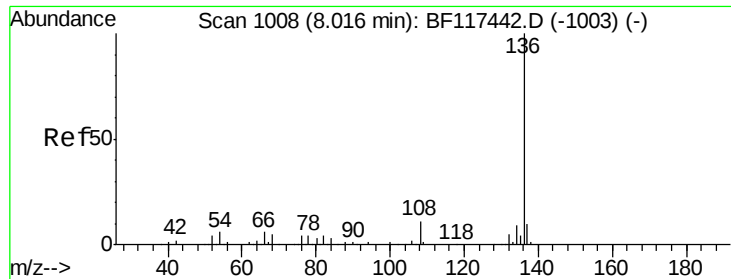
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.2	36.7	55.1
101	9.3	8.3	12.5
130	19.8	18.1	27.1



#20
3+4-Methylphenols
Concen: 45.719 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	70.3	110.3
77	44.8	104.8	144.8#
79	26.7	10.0	50.0

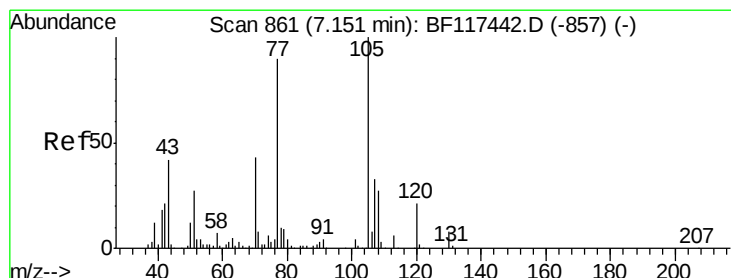
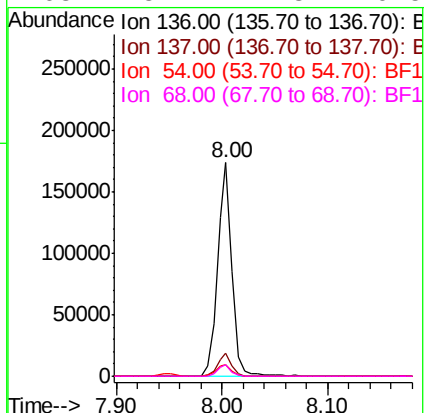
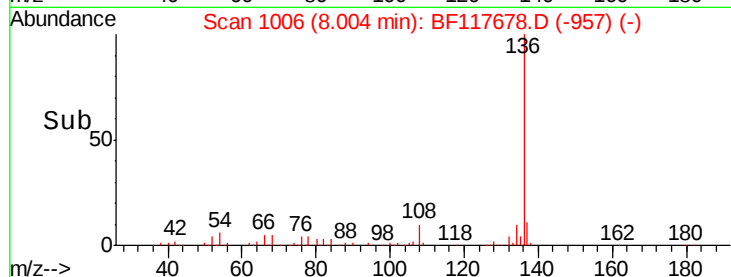
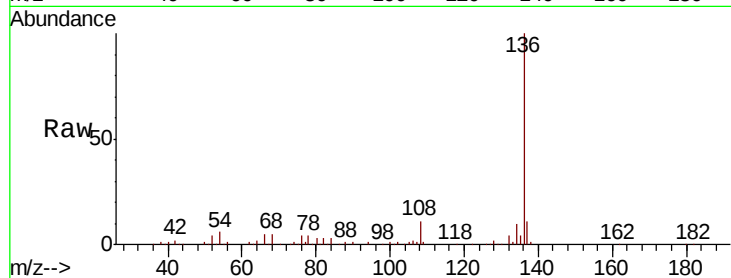




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

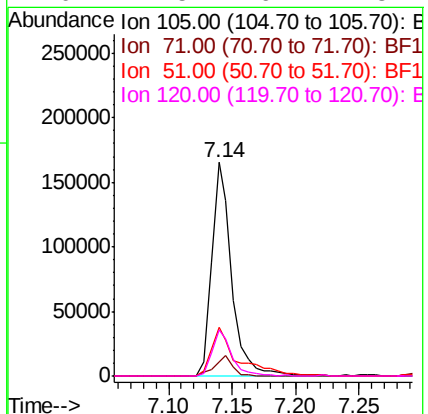
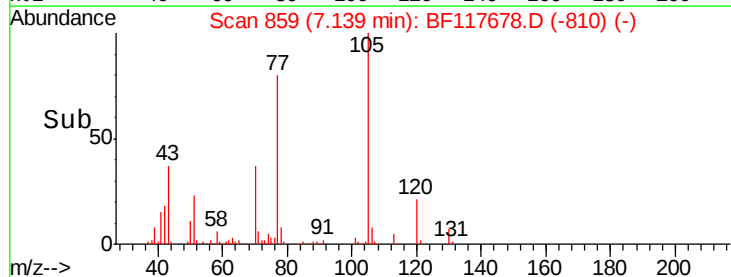
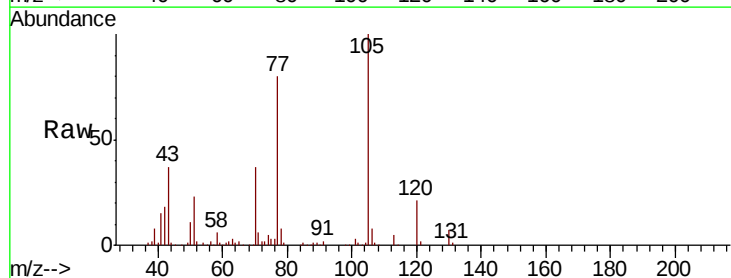
Instrument :
BNA_F
ClientSampleId :

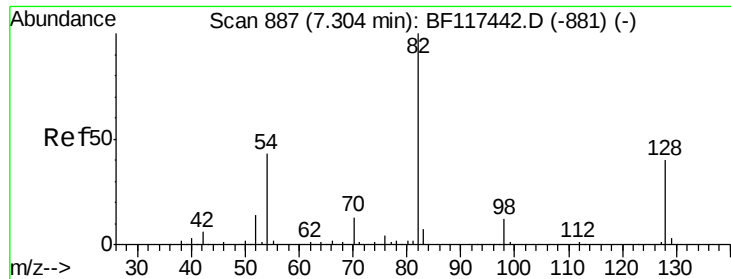
Tot Ion:136	Resp:	165400
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.2	12.4
54 5.7	4.5	6.7
68 5.4	4.3	6.5



#22
Acetophenone
Concen: 41.678 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt	Ion:105	Resp:	183050
Ion	Ratio	Lower	Upper
105	100		
71	6.4	6.2	9.2
51	22.7	21.8	32.6
120	21.5	16.7	25.1

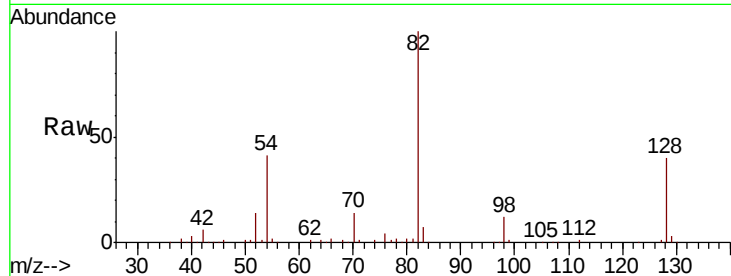




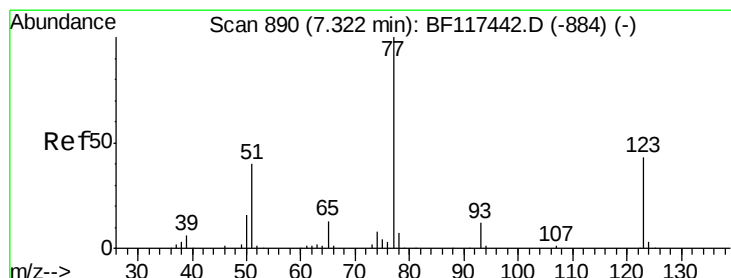
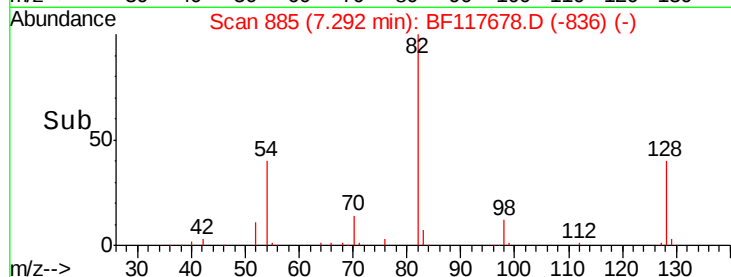
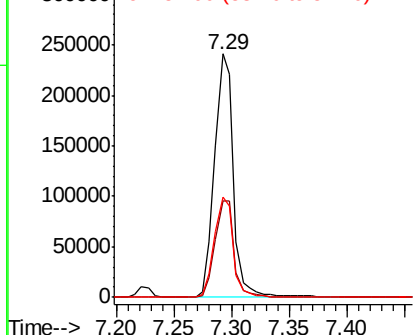
#23
 Nitrobenzene-d5
 Concen: 81.323 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 272461
 Ion Ratio Lower Upper
 82 100
 128 39.8 32.2 48.2
 54 41.4 34.2 51.2

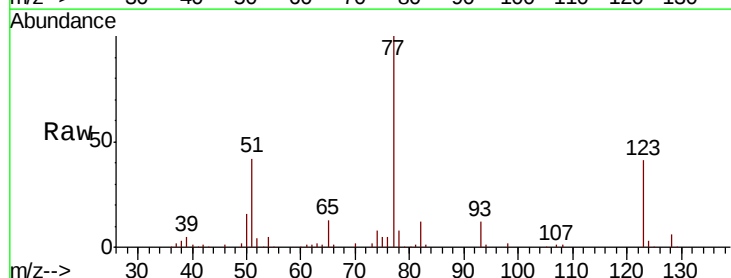


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

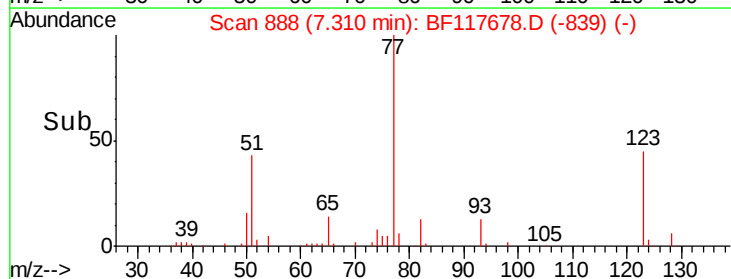
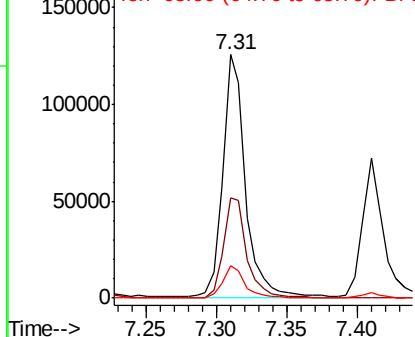


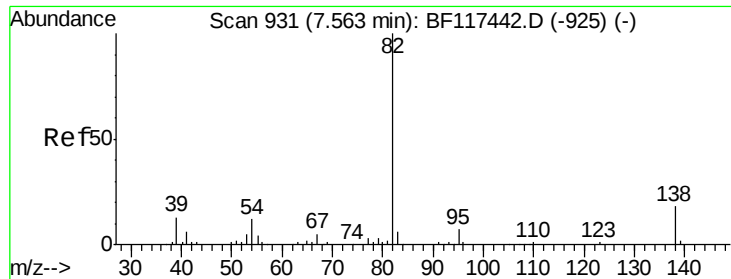
#24
 Nitrobenzene
 Concen: 43.433 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Tgt Ion: 77 Resp: 139373
 Ion Ratio Lower Upper
 77 100
 123 41.4 34.2 51.2
 65 13.3 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

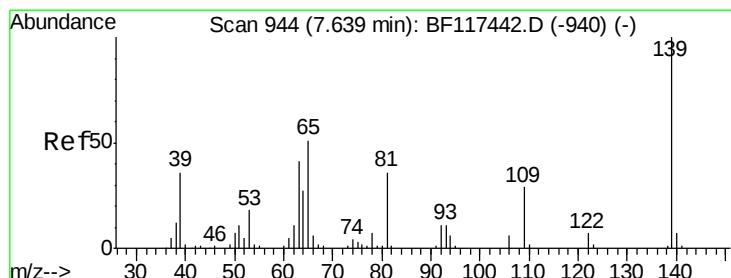
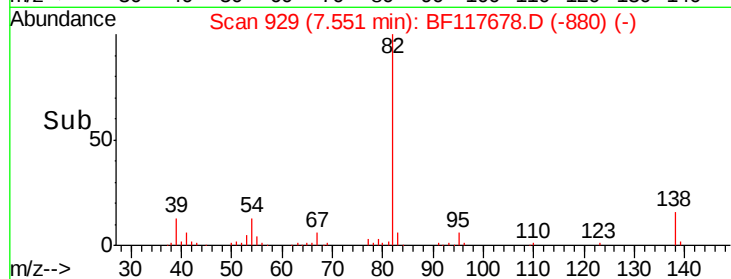
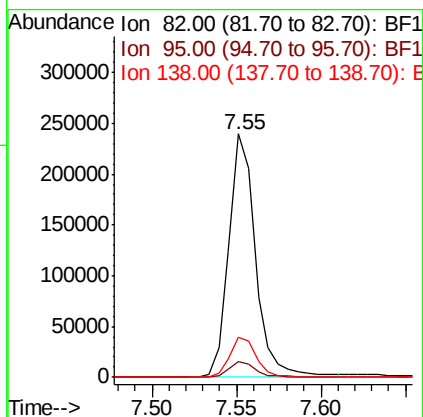
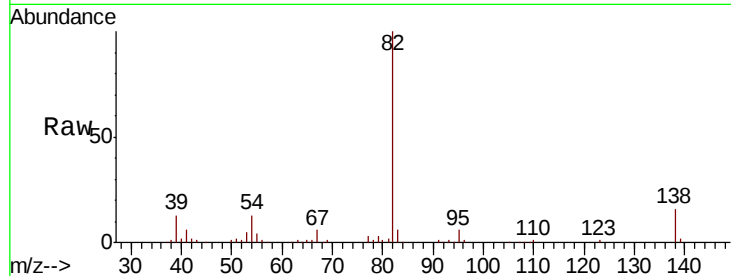




#25
Isophorone
Concen: 45.490 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

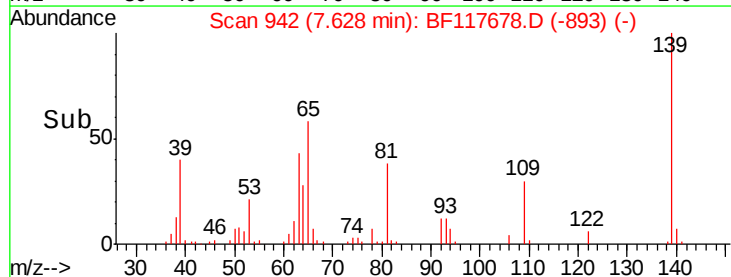
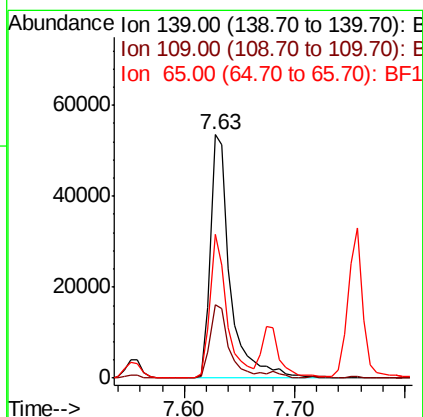
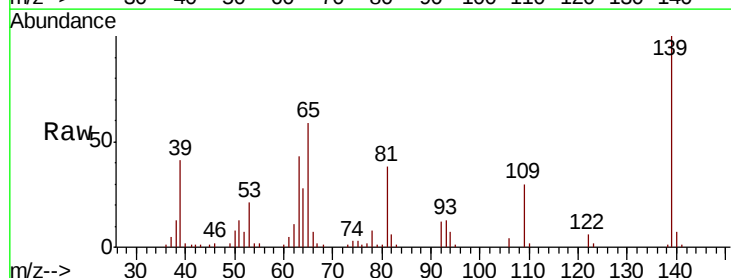
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 263655
Ion Ratio Lower Upper
82 100
95 6.4 5.4 8.0
138 16.4 14.2 21.2



#26
2-Nitrophenol
Concen: 45.771 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion: 139 Resp: 65508
Ion Ratio Lower Upper
139 100
109 29.9 23.2 34.8
65 59.2 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 52.242 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

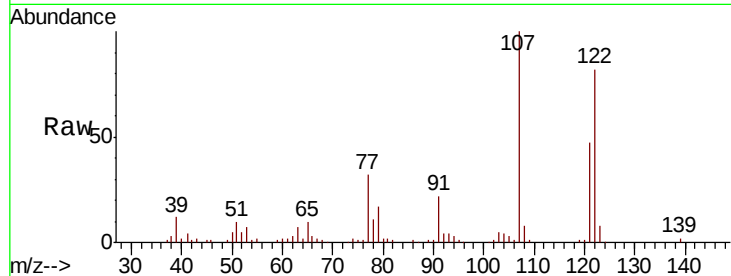
Tot Ion:122 Resp: 111740

Ion Ratio Lower Upper

122 100

107 122.3 96.8 145.2

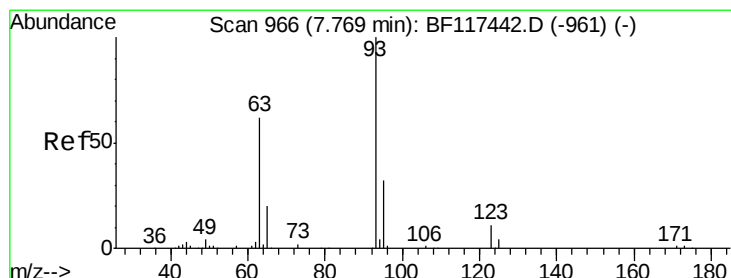
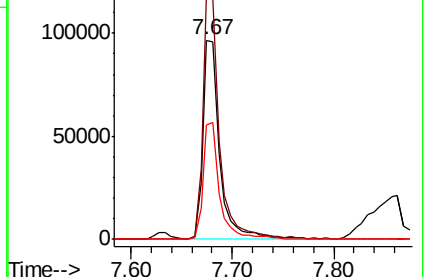
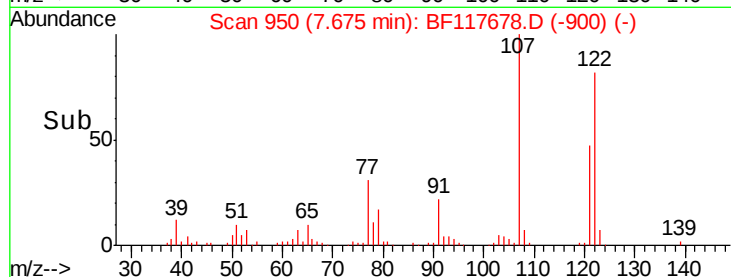
121 57.5 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.820 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

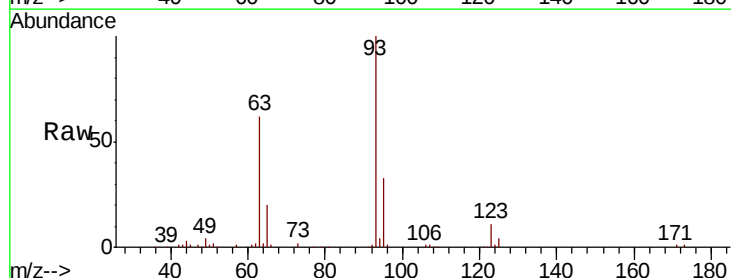
Tgt Ion: 93 Resp: 153140

Ion Ratio Lower Upper

93 100

95 32.5 25.5 38.3

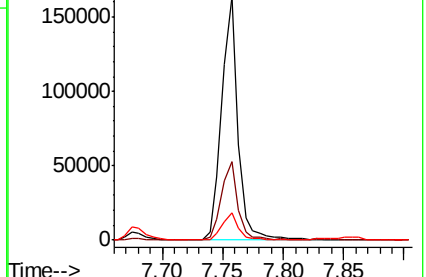
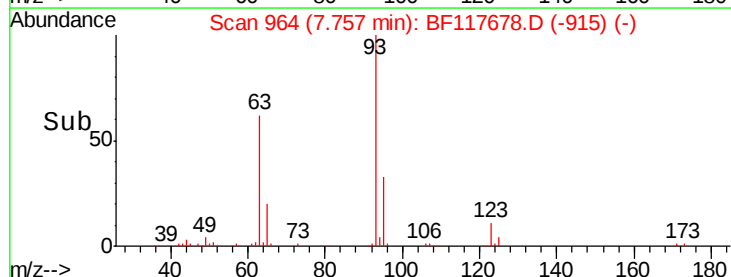
123 11.2 9.0 13.6

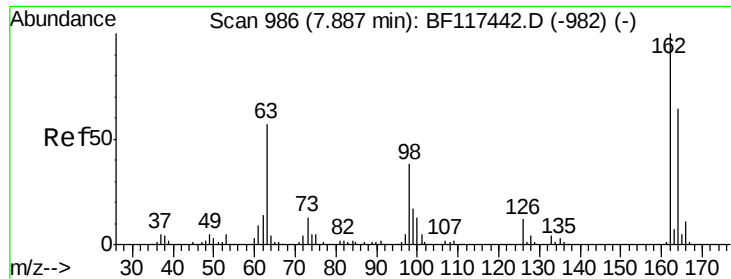


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

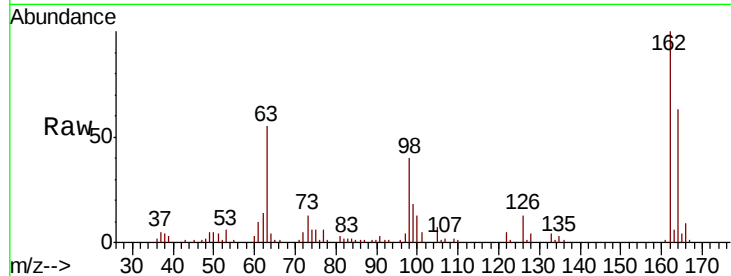




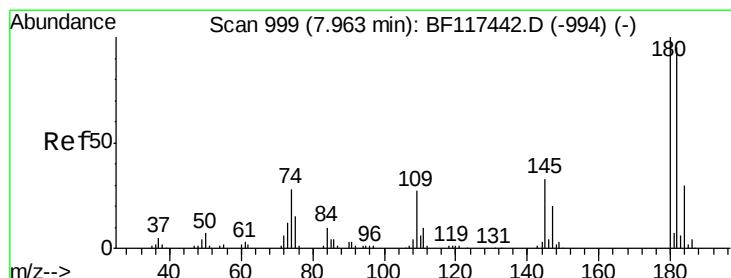
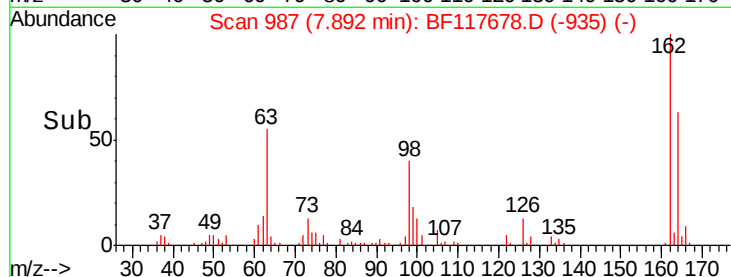
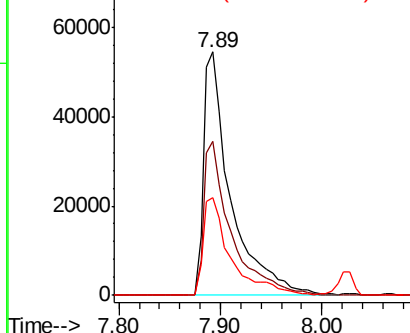
#29
2,4-Dichlorophenol
Concen: 44.974 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.4	84.4
98	40.3	18.2	58.2

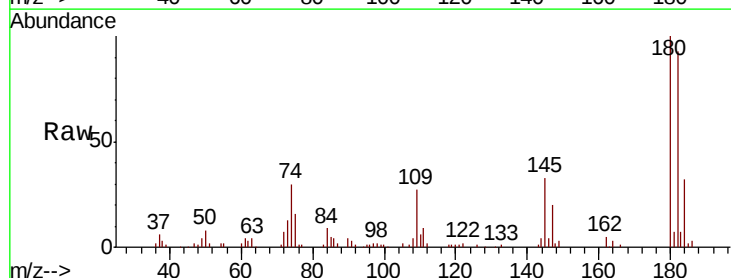


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

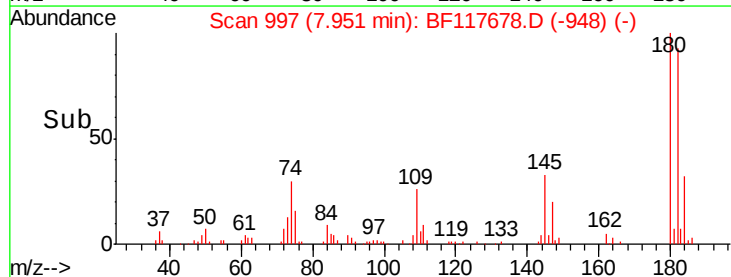
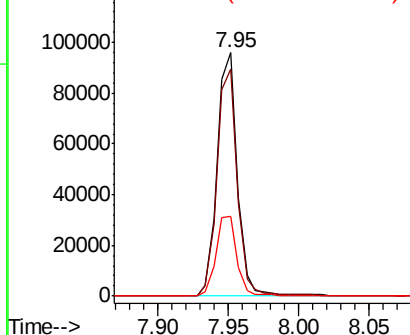


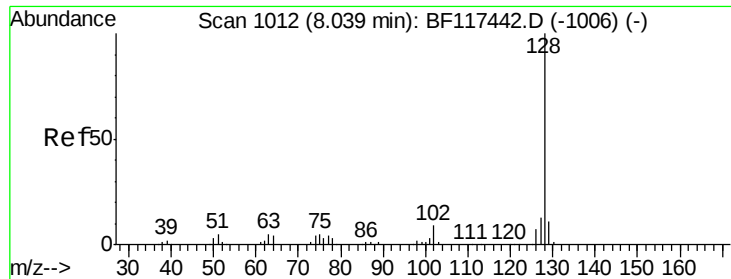
#30
1,2,4-Trichlorobenzene
Concen: 39.922 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.8
145	32.7	26.5	39.7



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

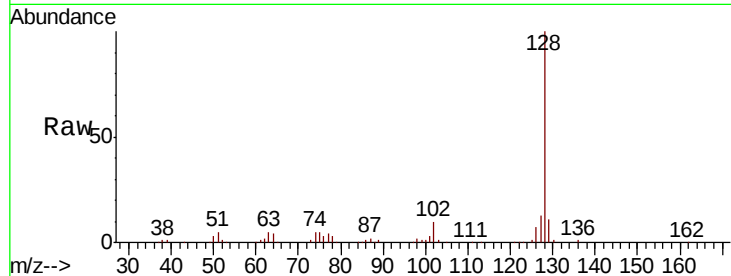




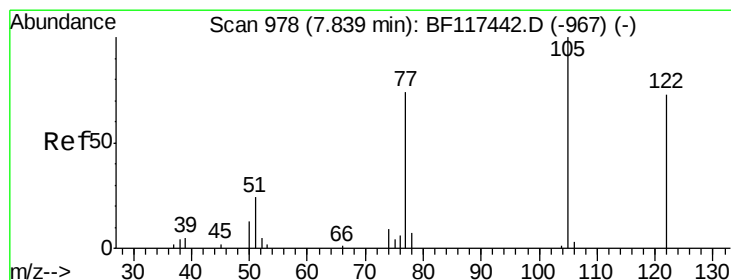
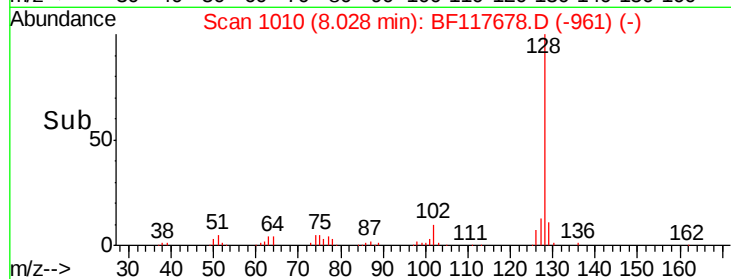
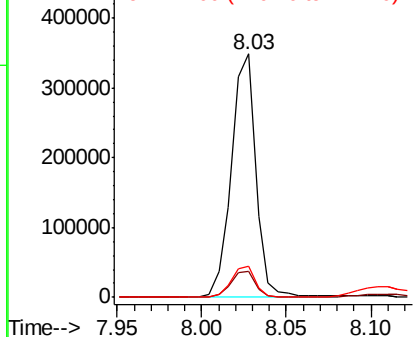
#31
Naphthalene
Concen: 42.973 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 352306
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.0 10.2 15.2

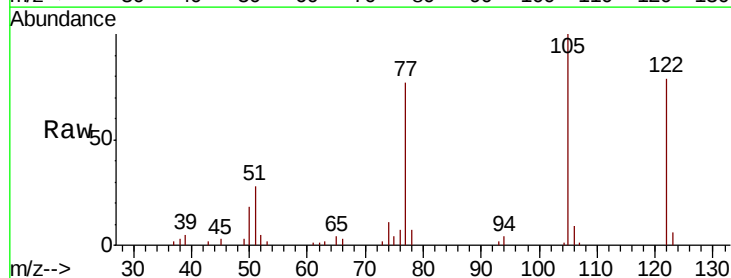


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

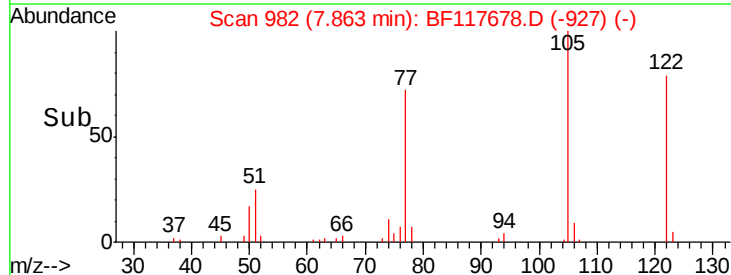
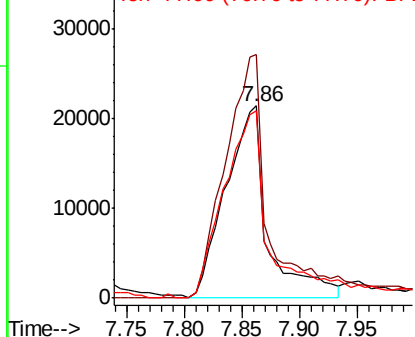


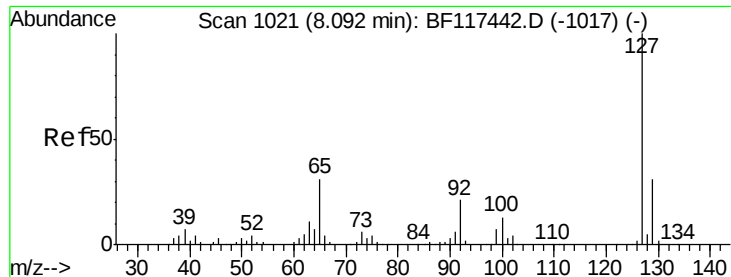
#32
Benzoic acid
Concen: 36.838 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.02 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:122 Resp: 53968
Ion Ratio Lower Upper
122 100
105 126.9 115.0 155.0
77 97.6 79.7 119.7



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

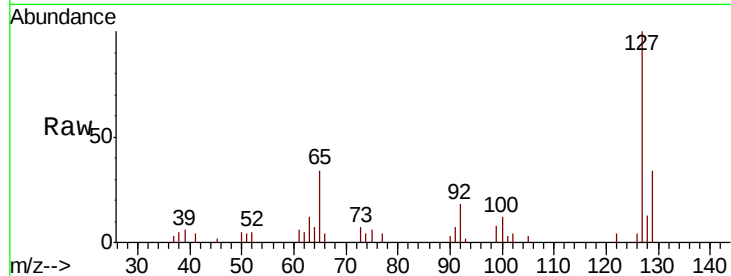




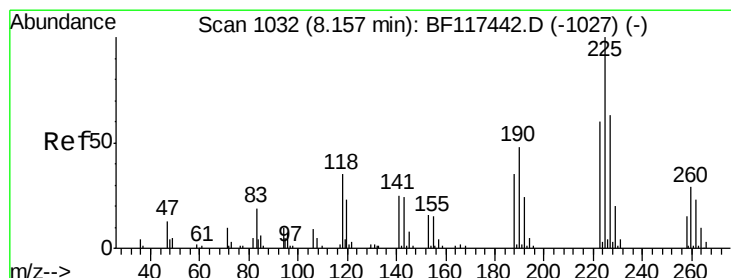
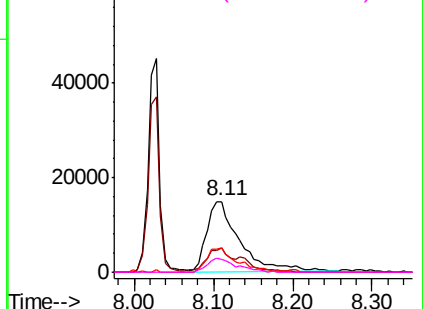
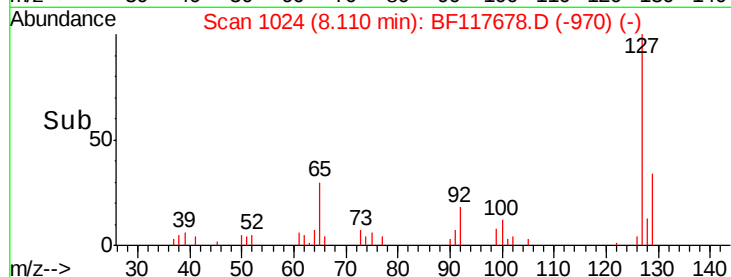
#33
4-Chloroaniline
Concen: 12.167 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	42099
Ion Ratio	Lower	Upper
127	100	
129	34.3	24.8 37.2
65	33.7	24.6 37.0
92	18.1	16.5 24.7

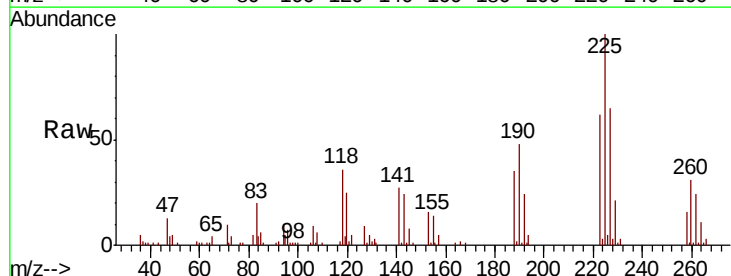


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

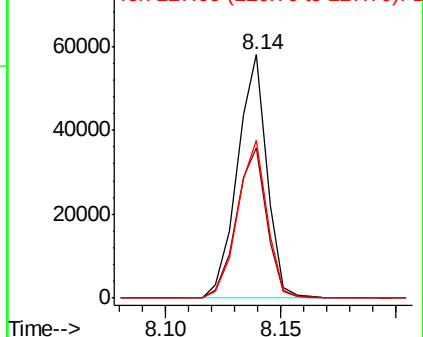
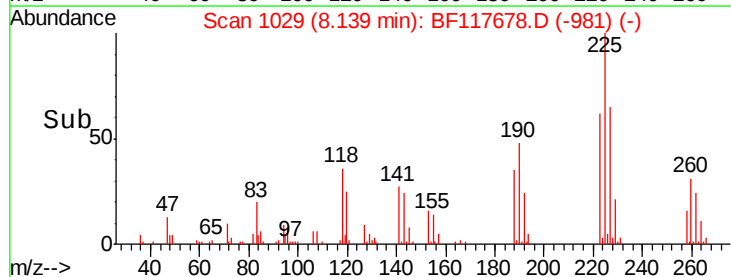


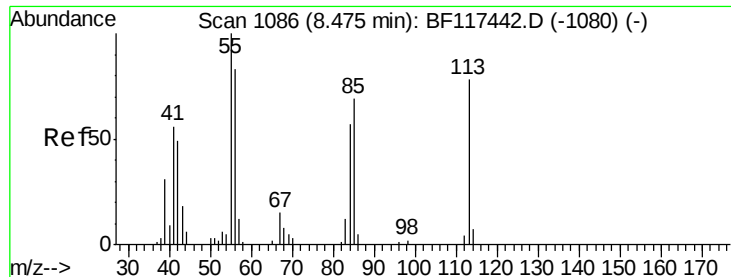
#34
Hexachlorobutadiene
Concen: 37.089 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:225	Resp:	51682
Ion Ratio	Lower	Upper
225	100	
223	61.5	48.2 72.4
227	64.6	50.2 75.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

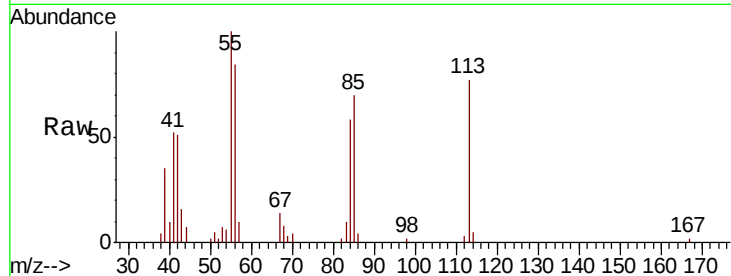




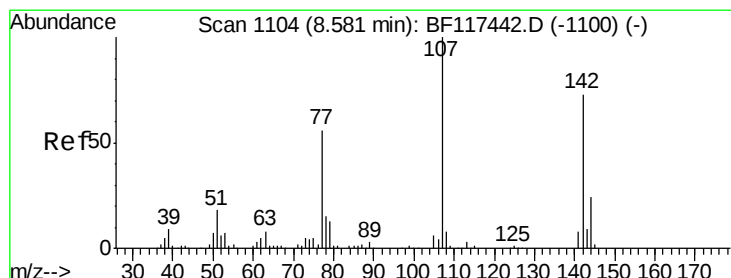
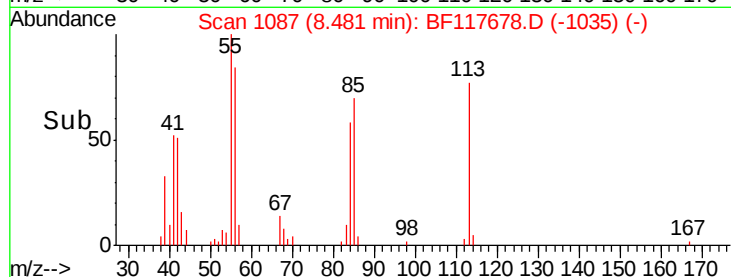
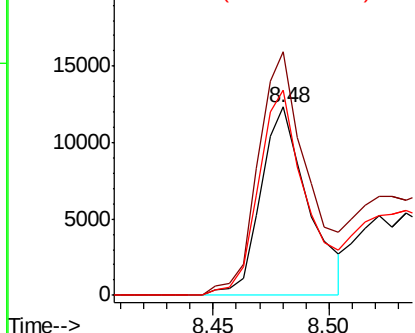
#35
Caprolactam
Concen: 24.482 ng
RT: 8.48 min Scan# 1087
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 17644
Ion Ratio Lower Upper
113 100
55 129.2 108.8 148.8
56 108.8 87.2 127.2

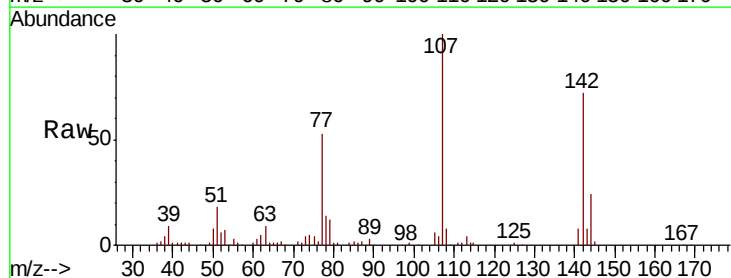


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

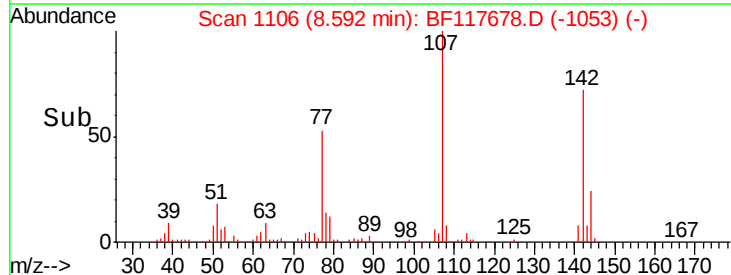
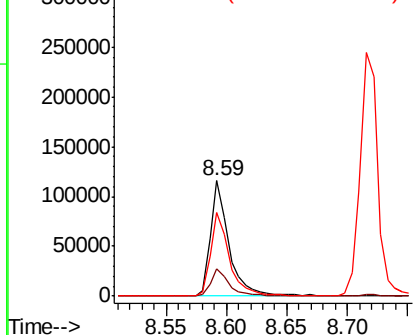


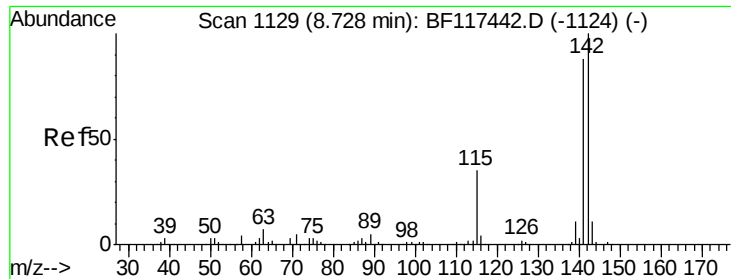
#36
4-Chloro-3-methylphenol
Concen: 48.073 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:107 Resp: 123000
Ion Ratio Lower Upper
107 100
144 23.9 18.9 28.3
142 72.5 58.6 88.0



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

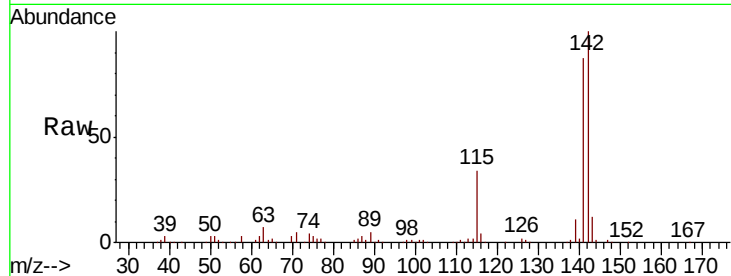




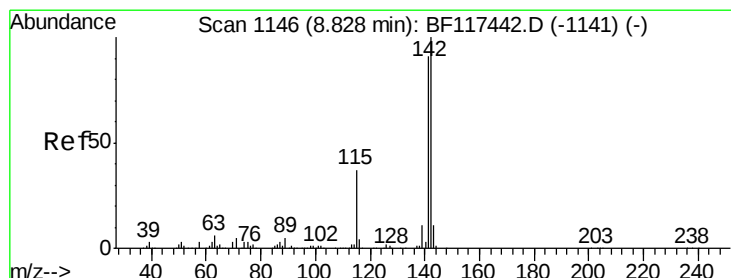
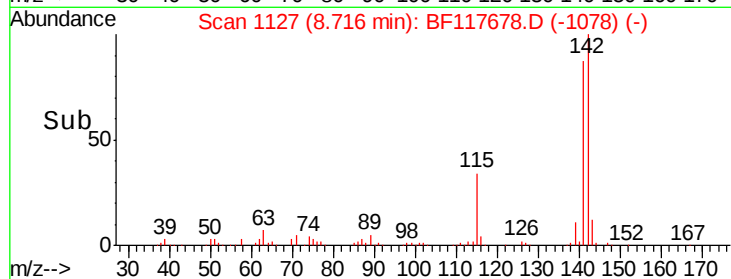
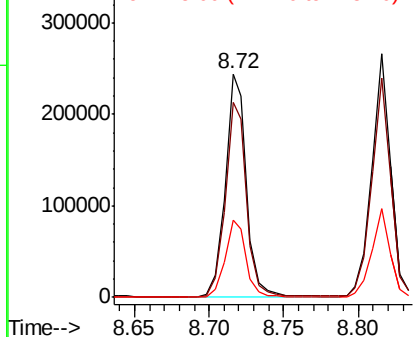
#37
2-Methylnaphthalene
Concen: 44.598 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 246371
Ion Ratio Lower Upper
142 100
141 87.0 70.3 105.5
115 34.5 28.2 42.2

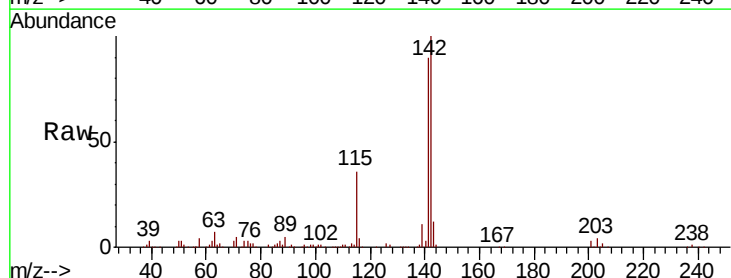


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

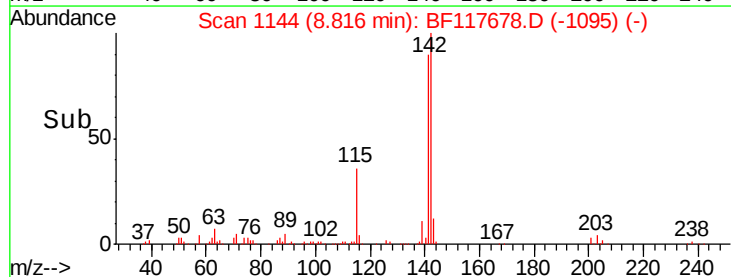
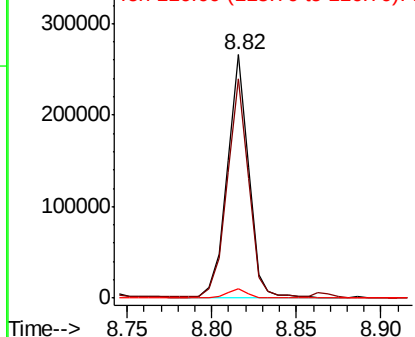


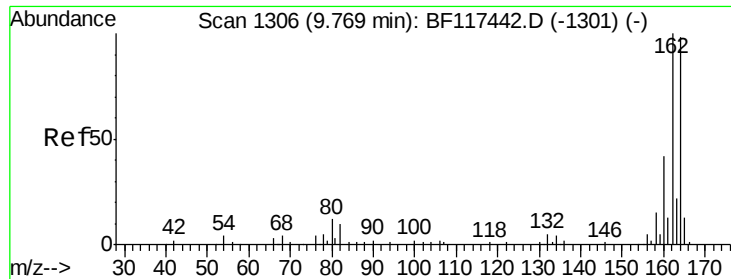
#38
1-Methylnaphthalene
Concen: 44.561 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:142 Resp: 231315
Ion Ratio Lower Upper
142 100
141 90.2 73.3 109.9
116 4.0 3.1 4.7



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampled :

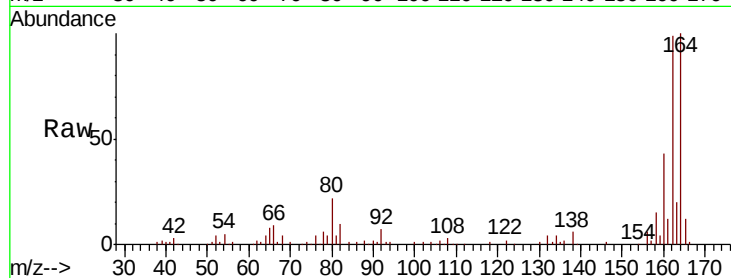
Tot Ion:164 Resp: 88242

Ion Ratio Lower Upper

164 100

162 98.8 81.8 122.6

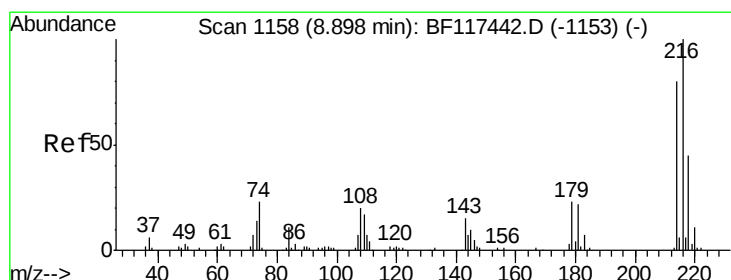
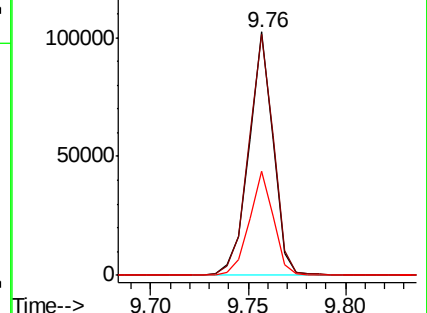
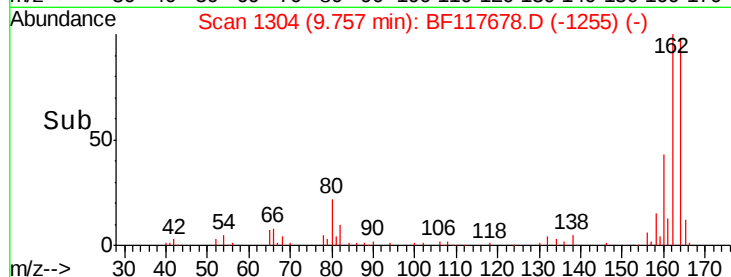
160 42.7 34.4 51.6



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: 39.480 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Tgt Ion:216 Resp: 93831

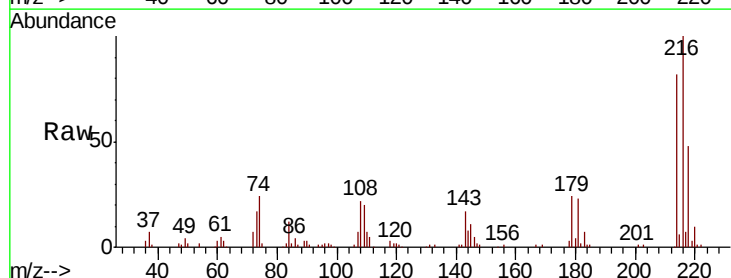
Ion Ratio Lower Upper

216 100

214 78.0 62.4 93.6

179 23.0 18.1 27.1

108 21.2 16.6 24.8

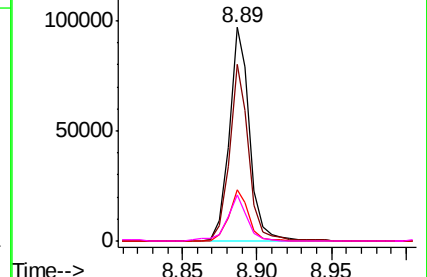
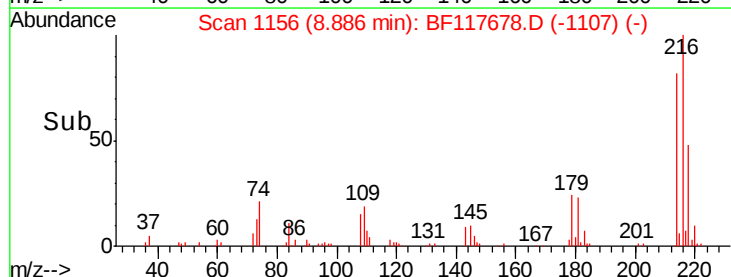


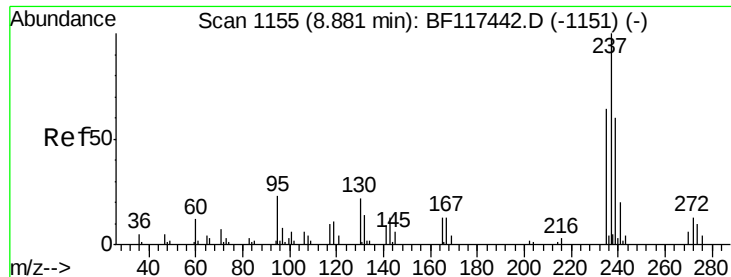
Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.314 ng

RT: 8.86 min Scan# 1152

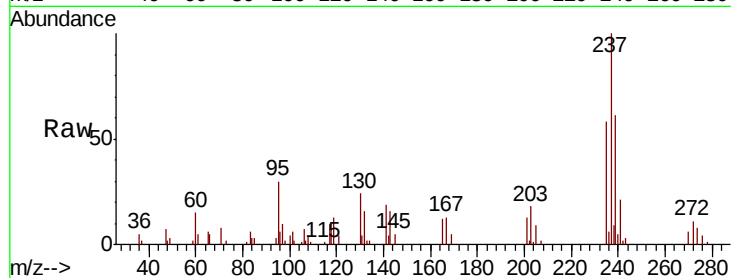
Delta R.T. -0.02 min

Lab File: BF117678.D

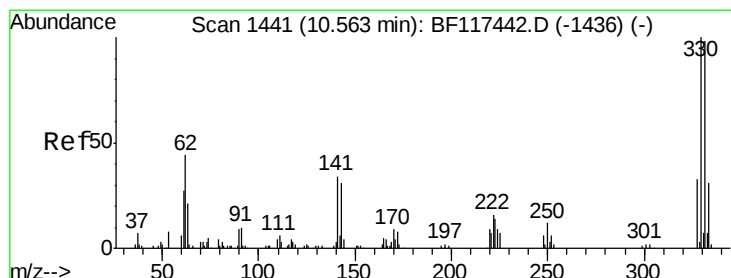
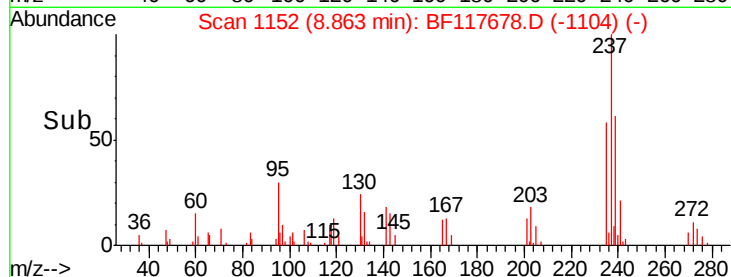
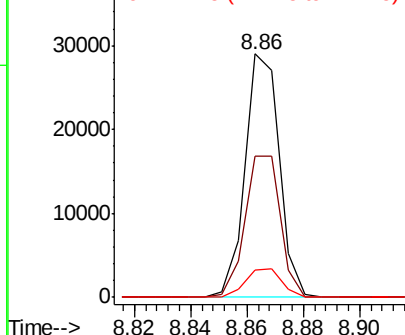
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	237	Resp:	24399
Ion	Ratio	Lower	Upper
237	100		
235	58.0	44.3	84.3
272	11.2	0.0	33.2



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: 122.973 ng

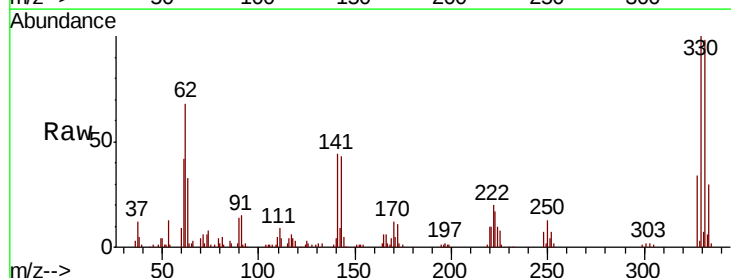
RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

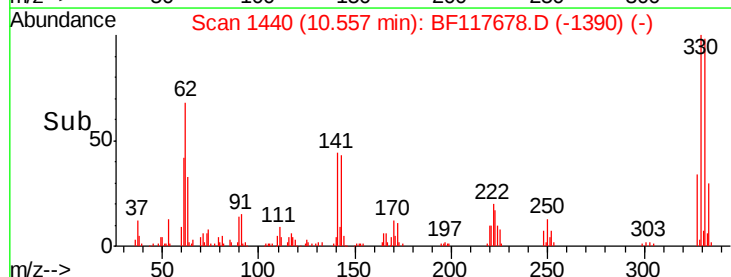
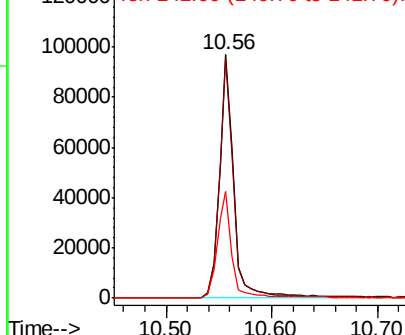
Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Tgt Ion:	330	Resp:	93892
Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.5	117.7
141	43.7	37.0	55.6



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

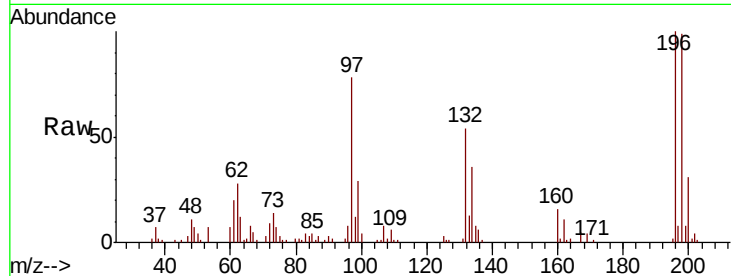




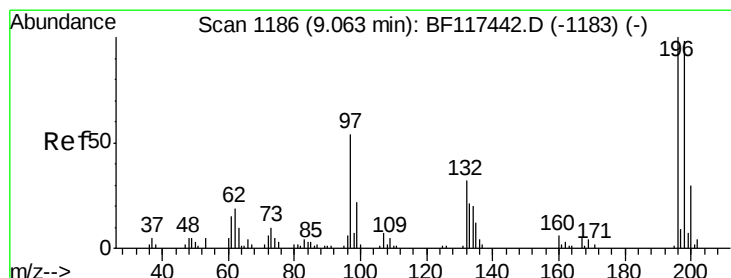
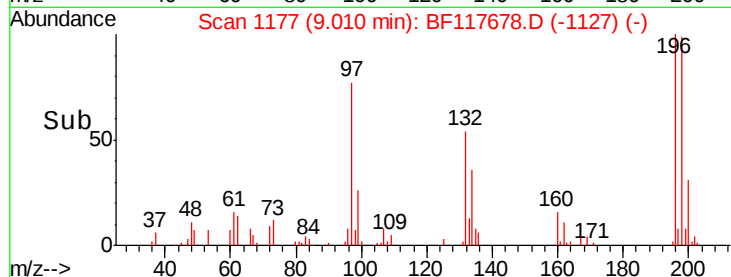
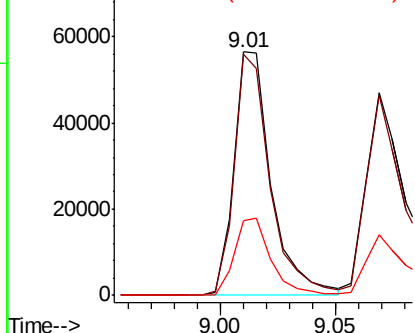
#43
 2,4,6-Trichlorophenol
 Concen: 42.781 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 63673
 Ion Ratio Lower Upper
 196 100
 198 99.0 74.1 111.1
 200 30.9 23.9 35.9

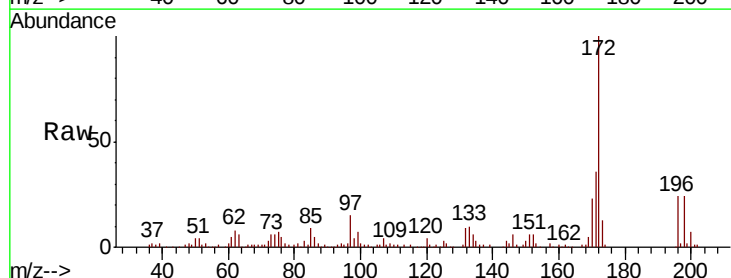


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

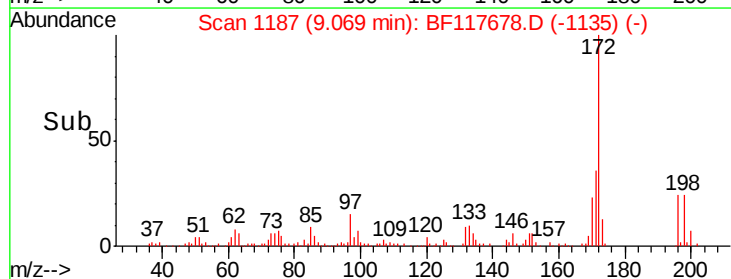
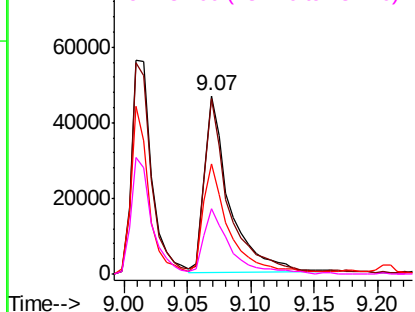


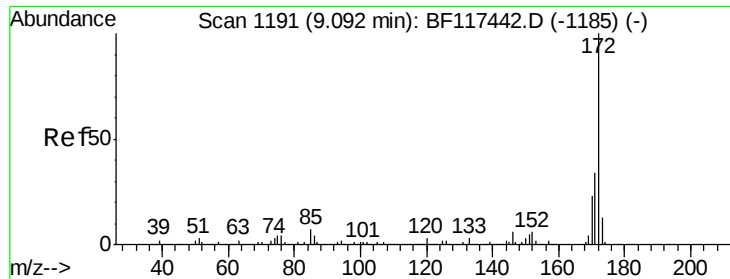
#44
 2,4,5-Trichlorophenol
 Concen: 42.814 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Tgt Ion:196 Resp: 64572
 Ion Ratio Lower Upper
 196 100
 198 98.3 78.6 117.8
 97 61.8 43.4 65.2
 132 36.3 26.0 39.0



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

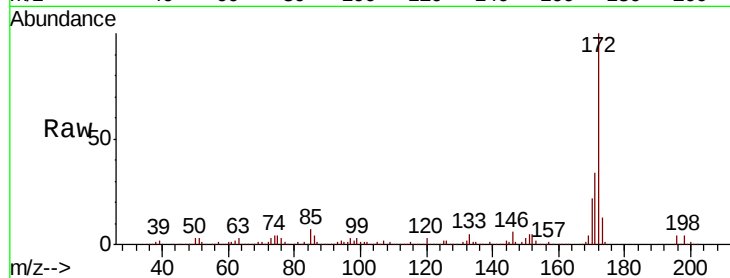




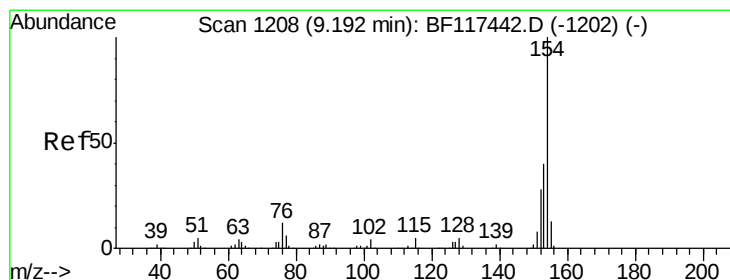
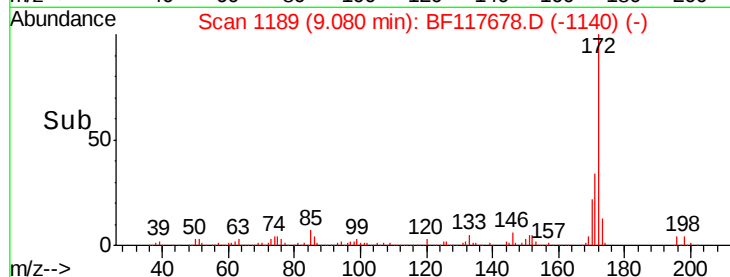
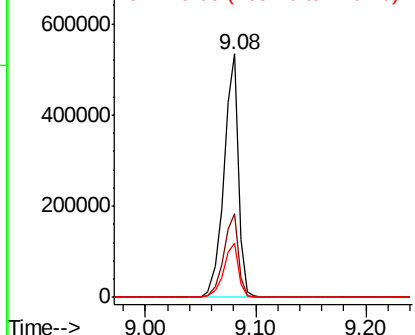
#45
2-Fluorobiphenyl
Concen: 78.192 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 489701
Ion Ratio Lower Upper
172 100
171 34.3 27.5 41.3
170 22.4 18.6 27.8

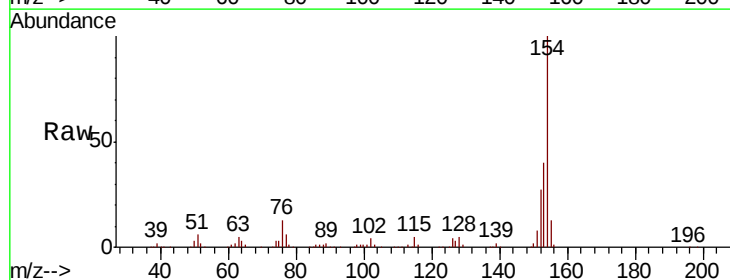


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

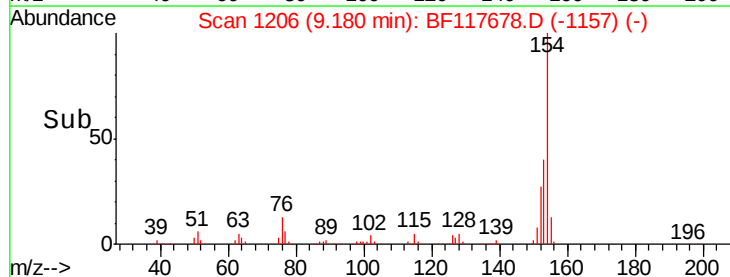
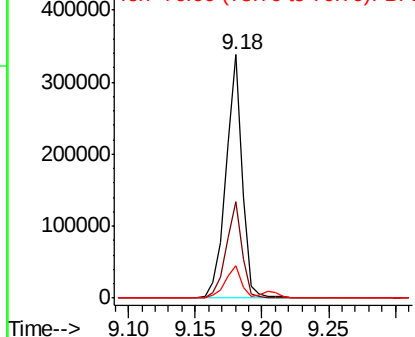


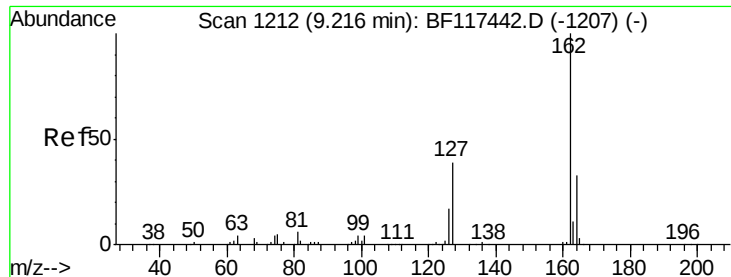
#46
1,1'-Biphenyl
Concen: 39.911 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:154 Resp: 291562
Ion Ratio Lower Upper
154 100
153 39.8 20.2 60.2
76 13.1 0.0 32.1



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

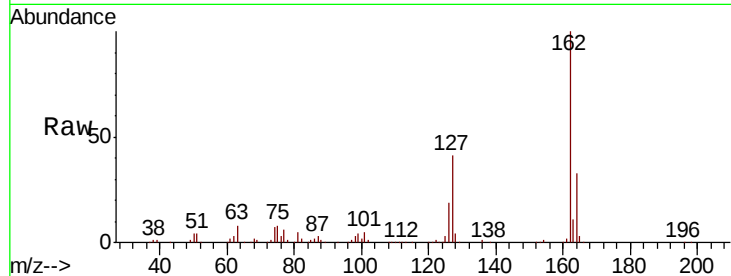




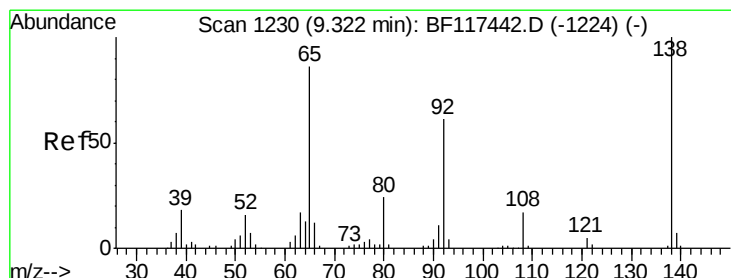
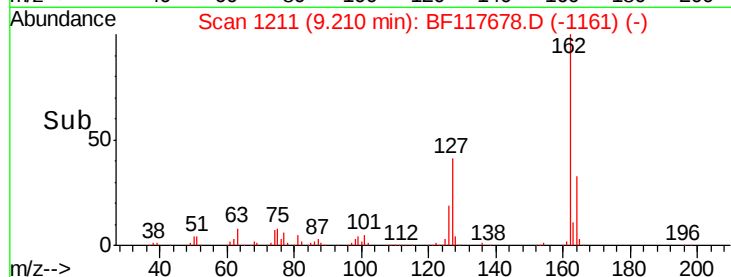
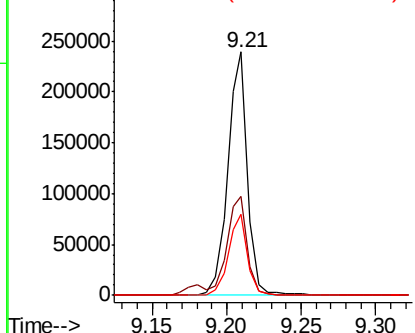
#47
2-Chloronaphthalene
Concen: 40.393 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 222485
Ion Ratio Lower Upper
162 100
127 40.7 34.2 51.4
164 33.4 26.4 39.6

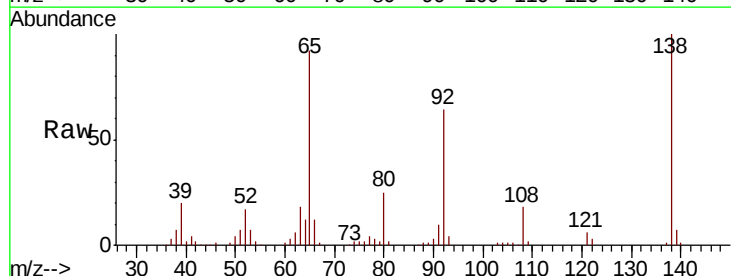


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

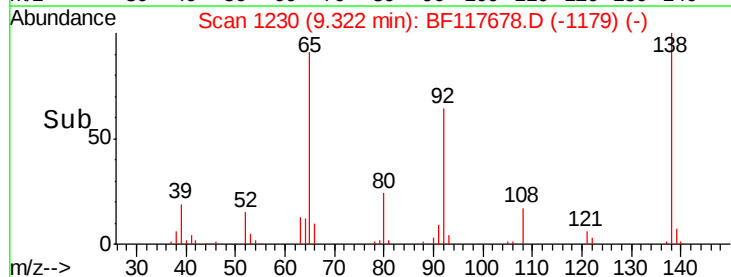
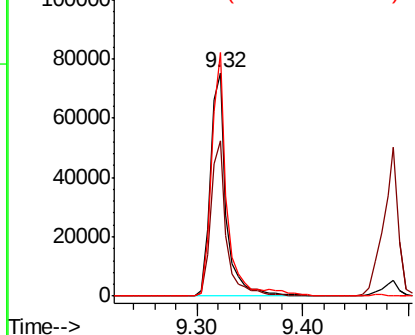


#48
2-Nitroaniline
Concen: 44.072 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion: 65 Resp: 79690
Ion Ratio Lower Upper
65 100
92 69.5 57.3 85.9
138 108.8 93.3 139.9



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: 43.842 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampled :

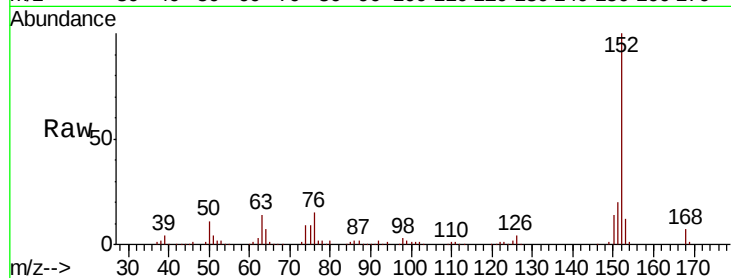
Tot Ion:152 Resp: 354699

Ion Ratio Lower Upper

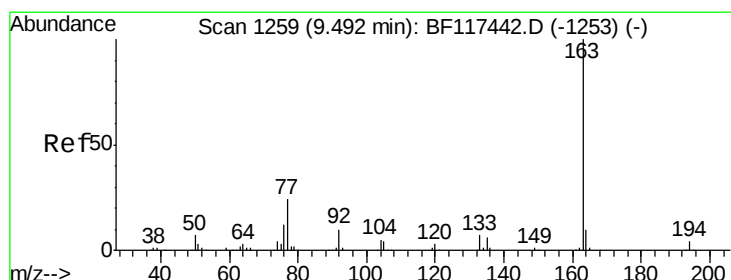
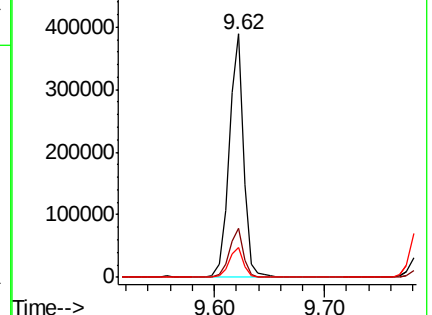
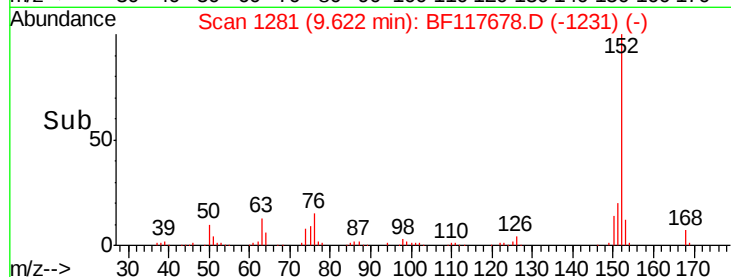
152 100

151 20.1 15.4 23.0

153 12.5 10.3 15.5



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: 54.177 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

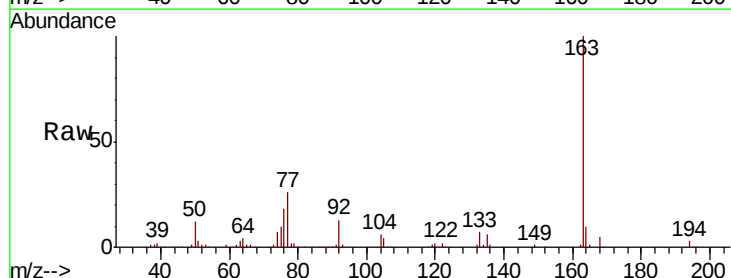
Tgt Ion:163 Resp: 340810

Ion Ratio Lower Upper

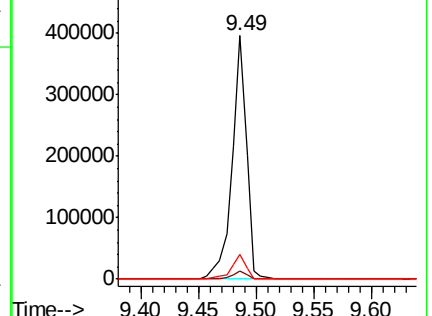
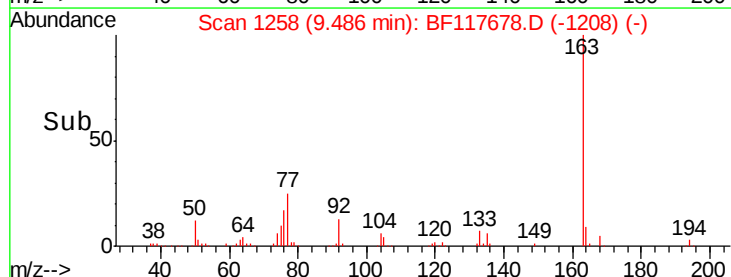
163 100

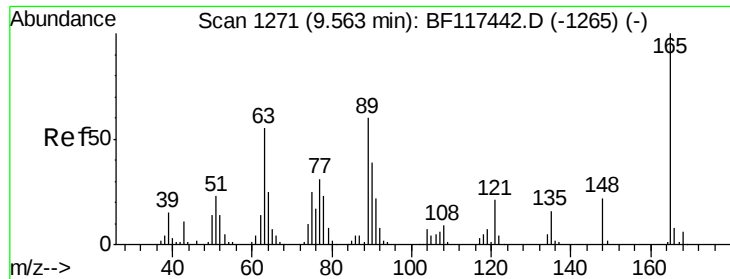
194 3.5 2.9 4.3

164 10.0 8.2 12.2



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: 47.339 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampled :

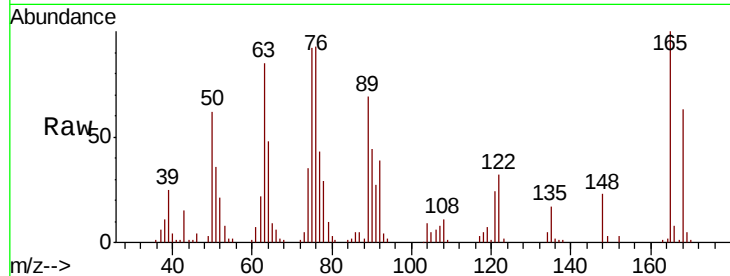
Tot Ion:165 Resp: 62143

Ion Ratio Lower Upper

165 100

63 85.3 43.8 65.8#

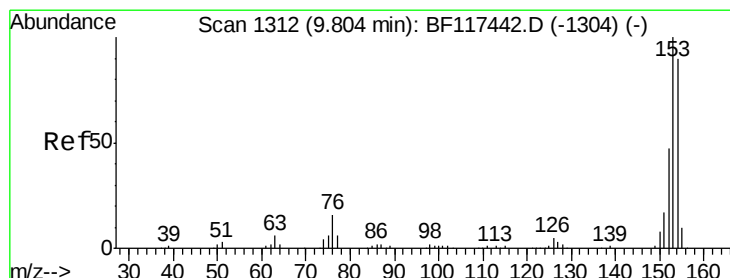
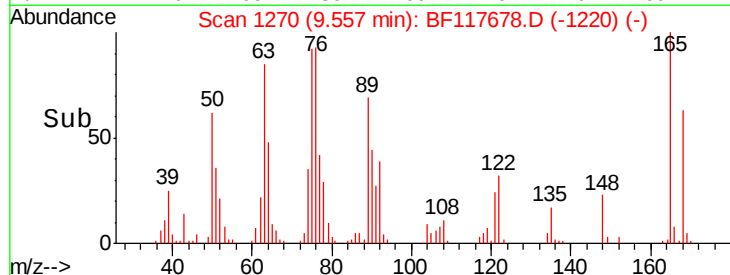
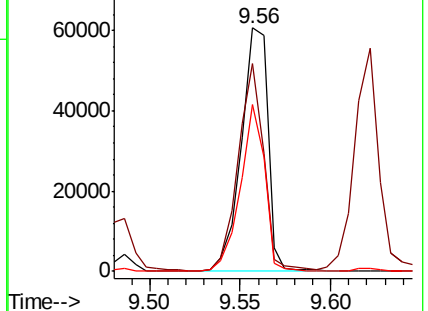
89 68.8 47.6 71.4



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: 43.262 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

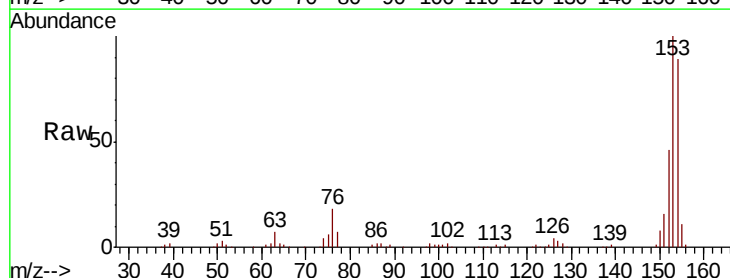
Tgt Ion:154 Resp: 214739

Ion Ratio Lower Upper

154 100

153 112.5 89.2 133.8

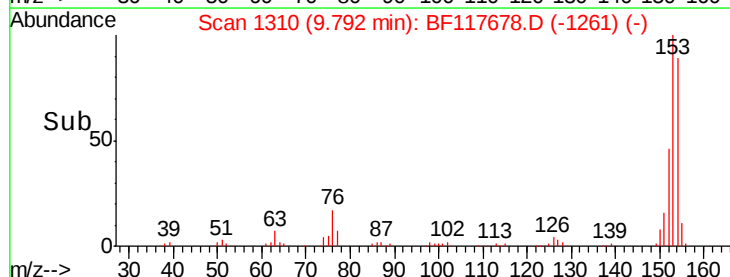
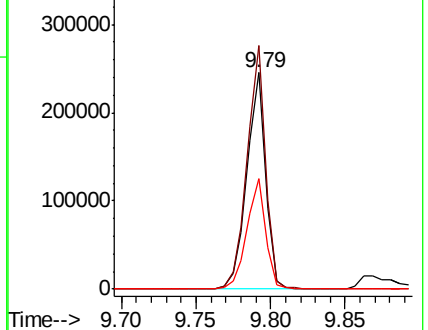
152 51.3 41.8 62.6

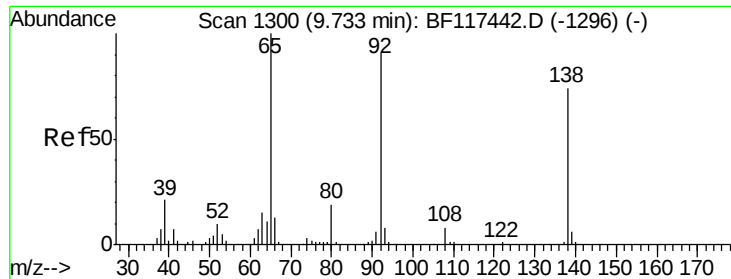


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

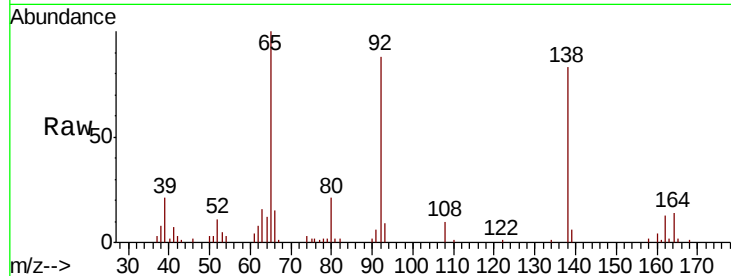




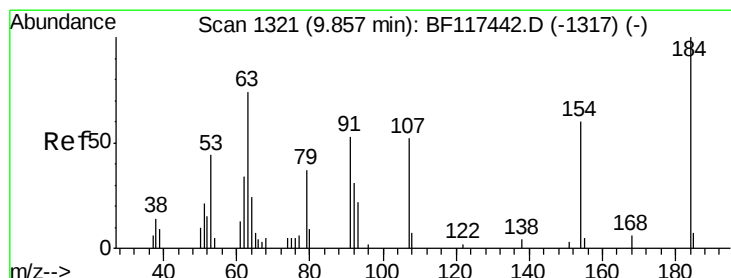
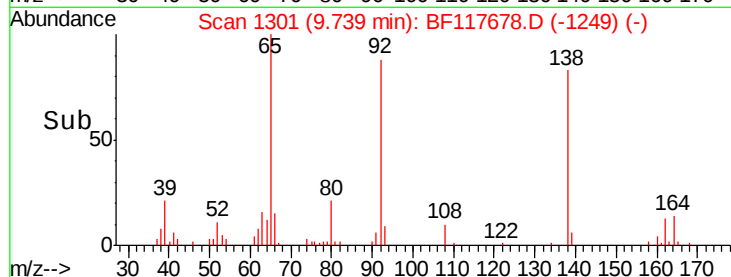
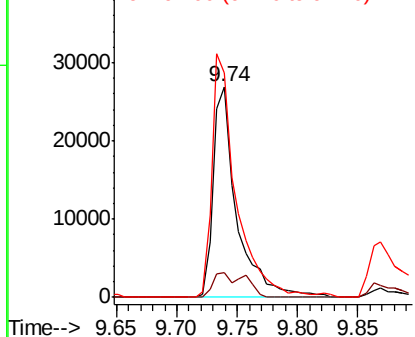
#53
3-Nitroaniline
Concen: 22.661 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 36094
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 106.3 98.4 147.6

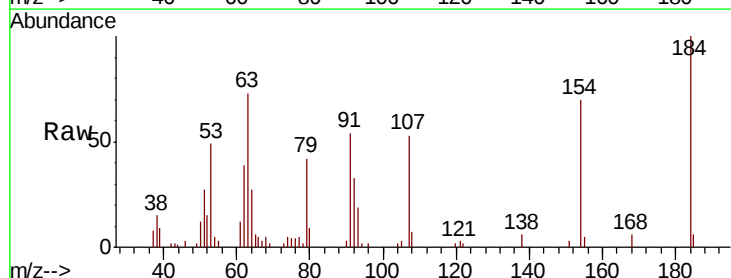


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

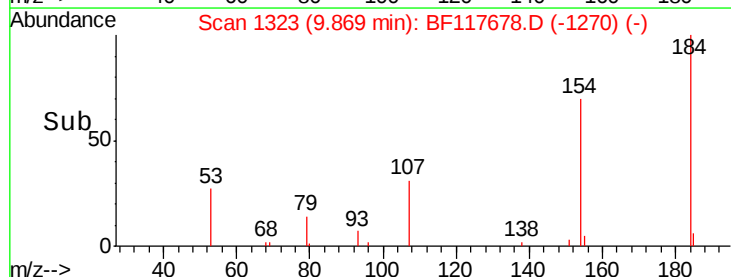
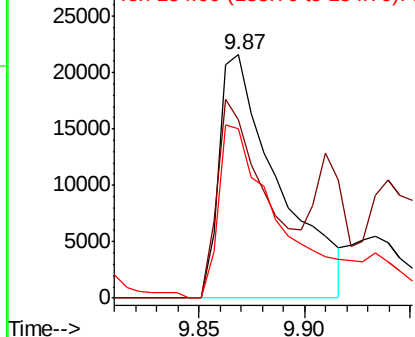


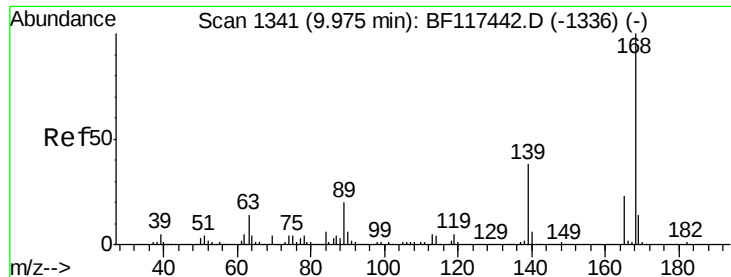
#54
2,4-Dinitrophenol
Concen: 77.586 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:184 Resp: 42056
Ion Ratio Lower Upper
184 100
63 73.3 59.2 88.8
154 69.8 53.4 80.0



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

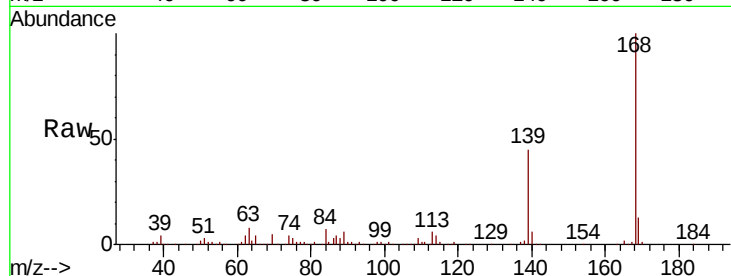




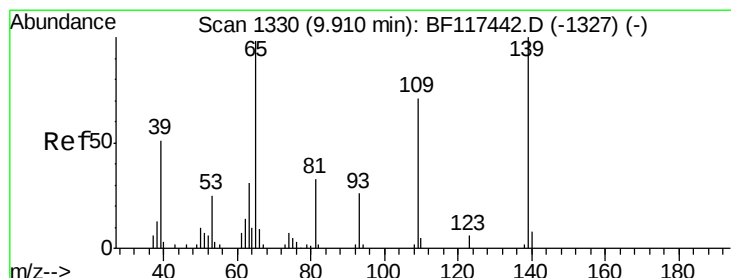
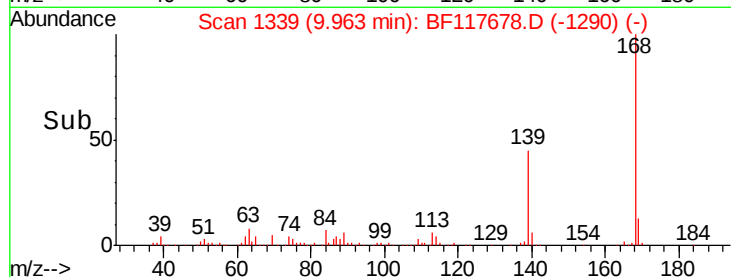
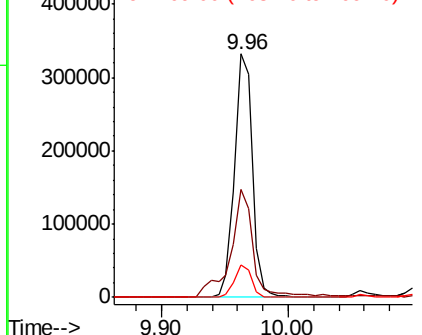
#55
Dibenzofuran
Concen: 44.704 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 321485
Ion Ratio Lower Upper
168 100
139 44.6 31.8 47.6
169 13.4 11.2 16.8

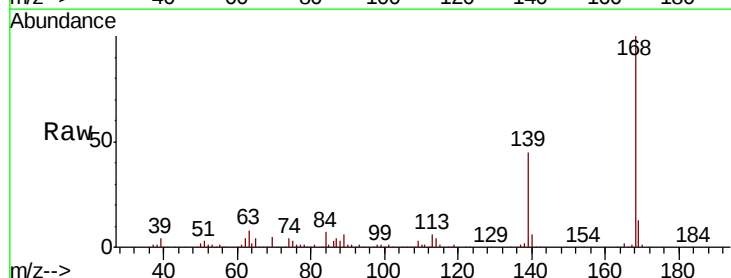


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

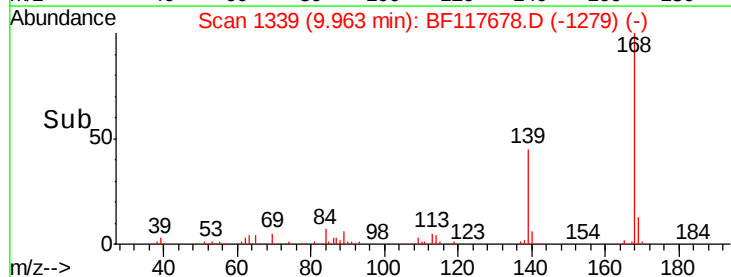
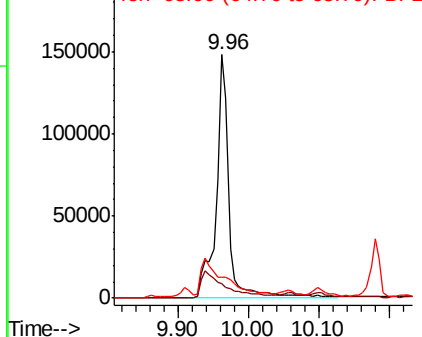


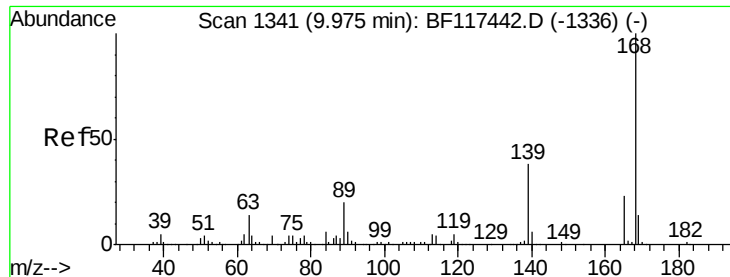
#56
4-Nitrophenol
Concen: 249.985 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.05 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:139 Resp: 190065
Ion Ratio Lower Upper
139 100
109 5.8 51.4 91.4#
65 8.6 79.4 119.4#



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

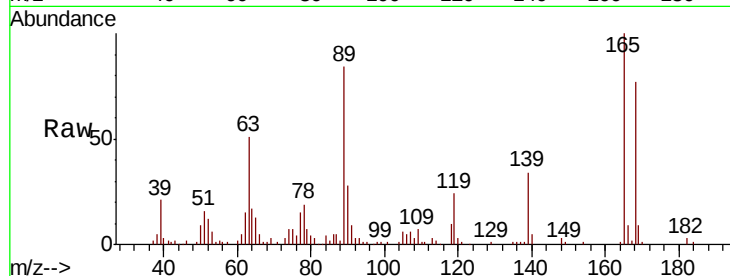




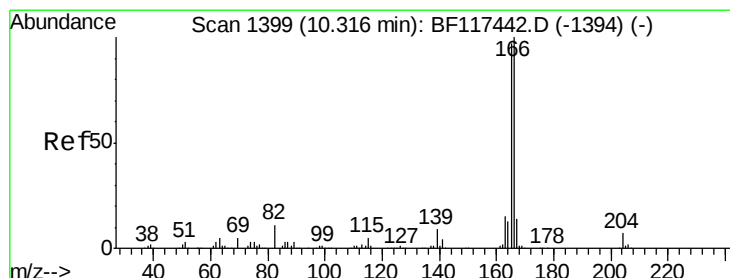
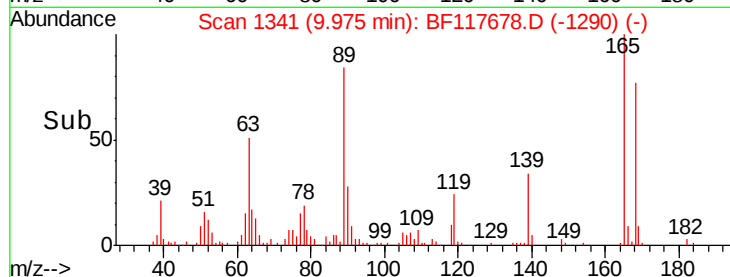
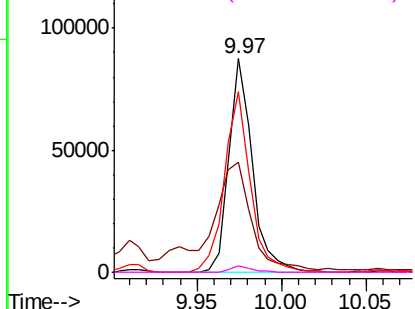
#57
2,4-Dinitrotoluene
Concen: 48.346 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 84378
Ion Ratio Lower Upper
165 100
63 51.4 51.4 77.0
89 84.2 69.9 104.9
182 2.8 1.9 2.9

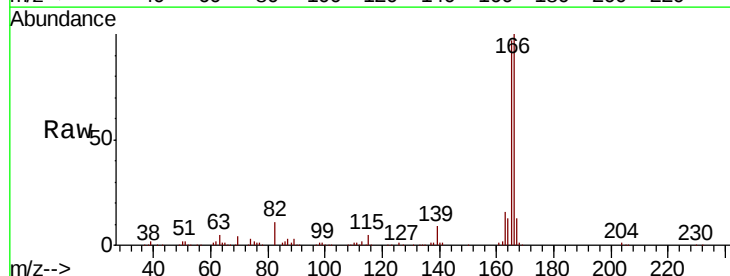


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

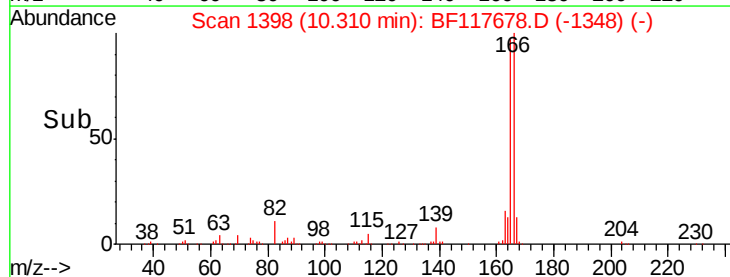
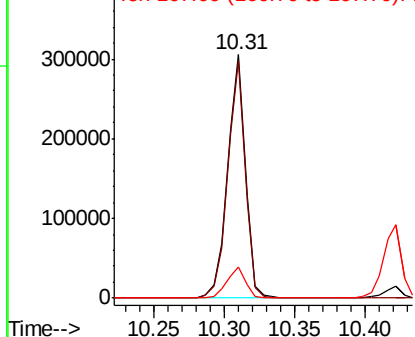


#58
Fluorene
Concen: 45.012 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:166 Resp: 267685
Ion Ratio Lower Upper
166 100
165 97.3 77.6 116.4
167 12.8 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

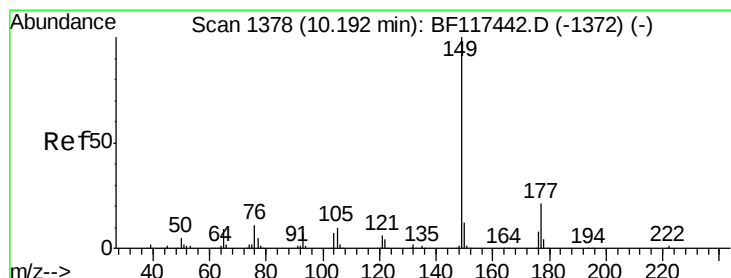
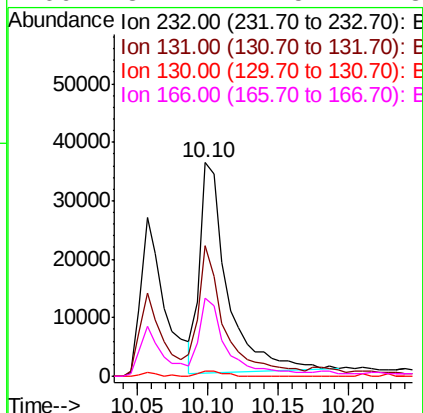
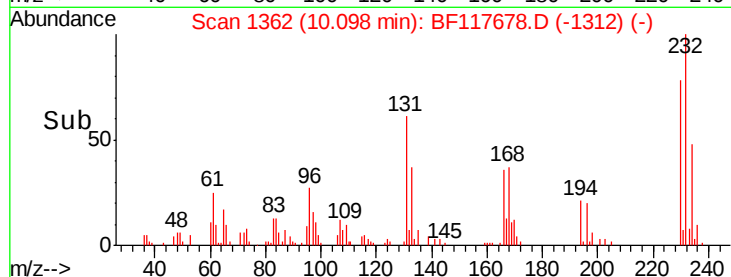
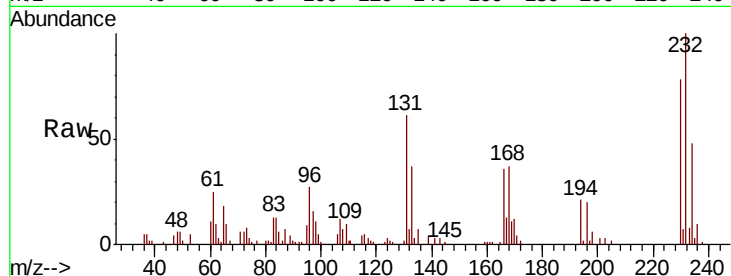




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.876 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

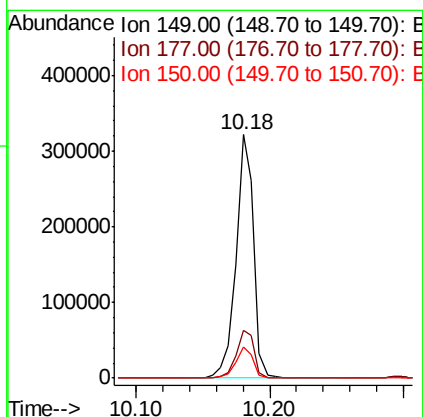
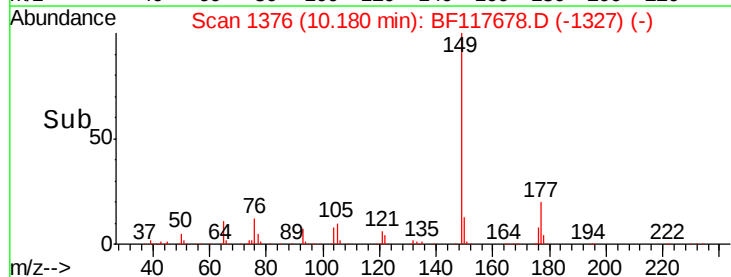
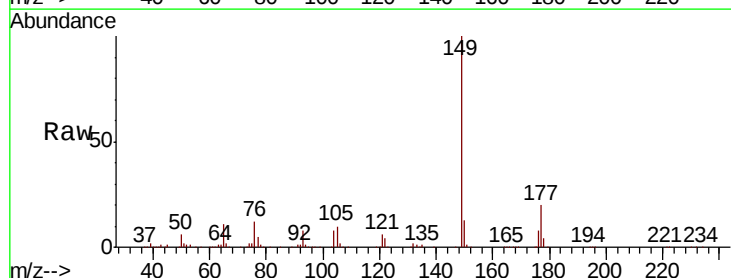
Instrument :
BNA_F
ClientSampleId :

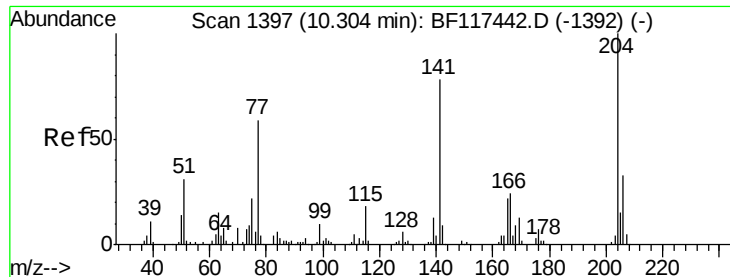
Tot Ion:232 Resp: 49638
Ion Ratio Lower Upper
232 100
131 56.4 42.6 63.8
130 2.1 2.2 3.4#
166 32.4 27.5 41.3



#60
Diethylphthalate
Concen: 46.315 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:149 Resp: 294695
Ion Ratio Lower Upper
149 100
177 19.7 17.0 25.4
150 12.5 9.8 14.6

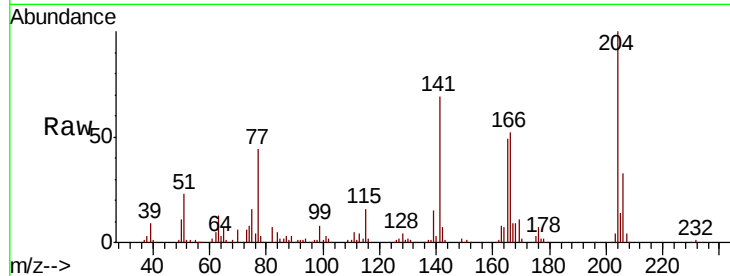




#61
4-Chlorophenyl-phenylether
Concen: 43.585 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	69.0	62.2	93.4

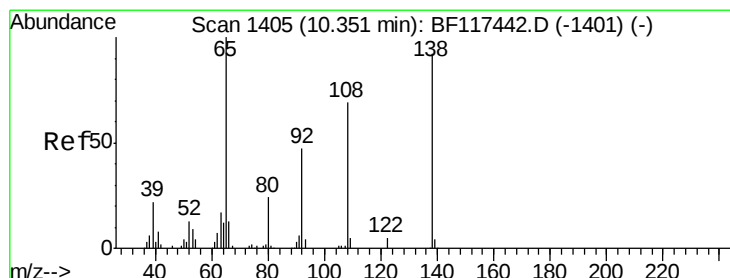
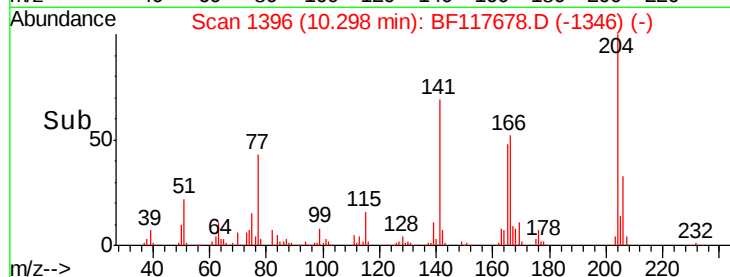
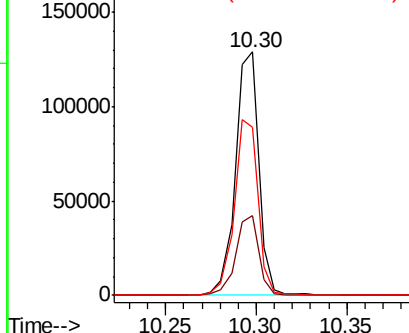


Abundance

Ion 204.00 (203.70 to 204.70): E

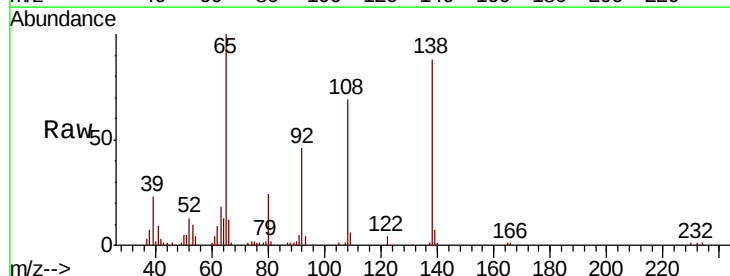
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.132 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	30.3	70.3
108	78.7	54.9	94.9

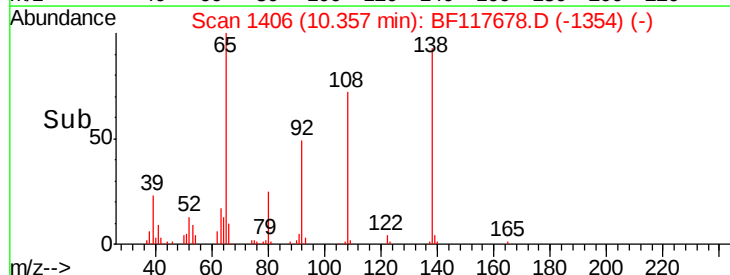
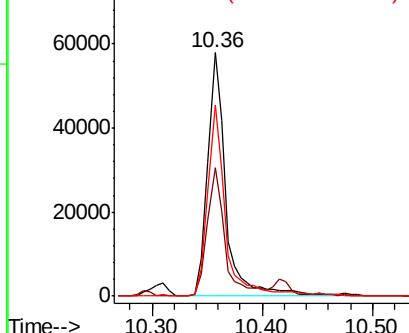


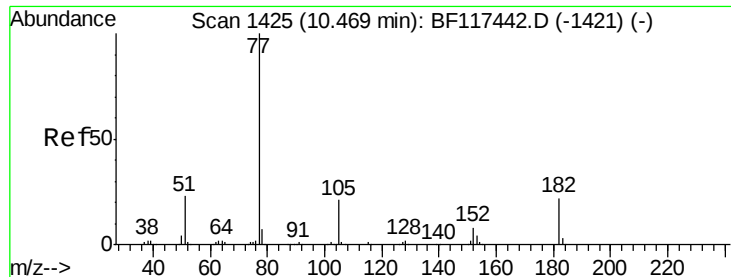
Abundance

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

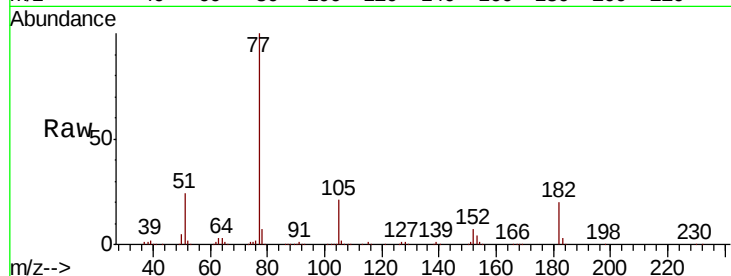




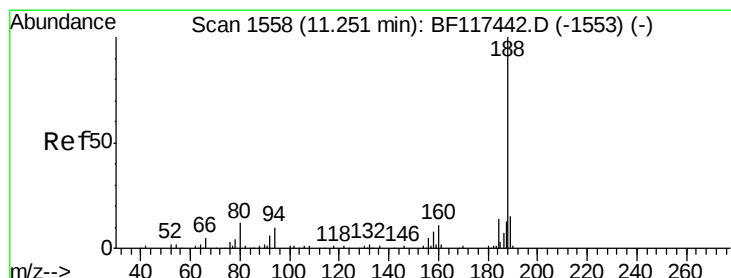
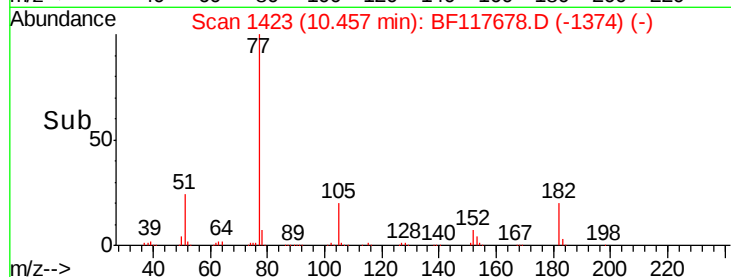
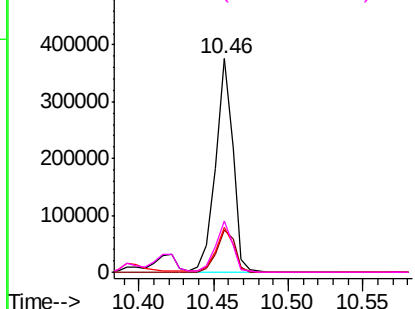
#63
Azobenzene
Concen: 46.680 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	304052
Ion	Ratio	Lower	Upper
77	100		
182	19.6	2.3	42.3
105	21.0	1.3	41.3
51	23.9	3.5	43.5

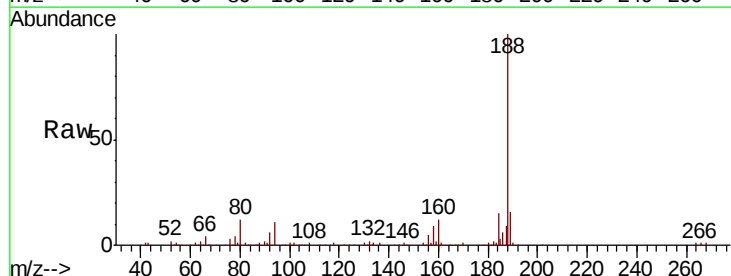


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

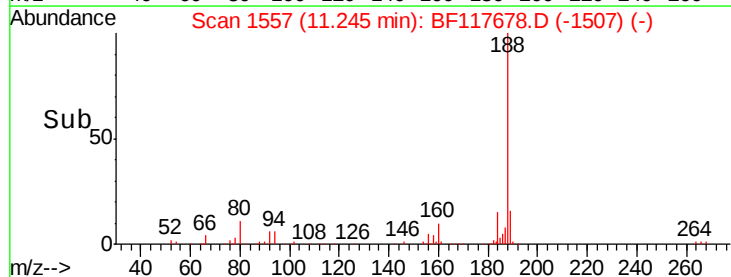
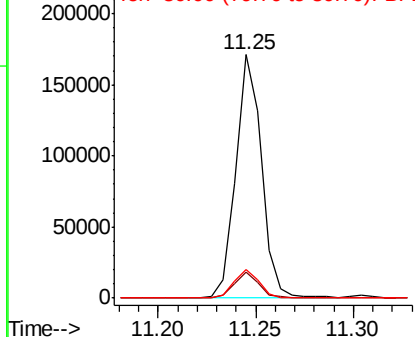


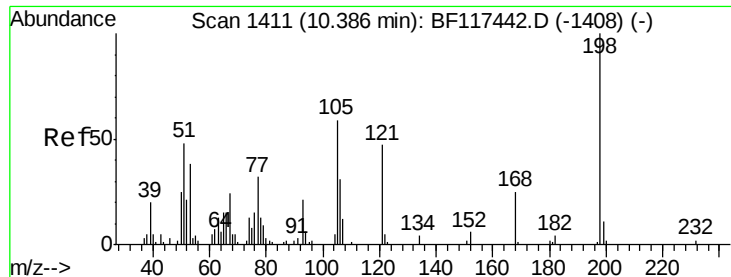
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:	188	Resp:	156078
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.0	12.0
80	11.8	9.5	14.3



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: 45.743 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampled :

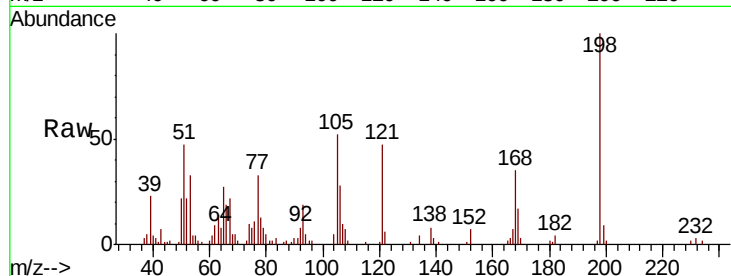
Tot Ion:198 Resp: 36299

Ion Ratio Lower Upper

198 100

51 46.6 29.1 69.1

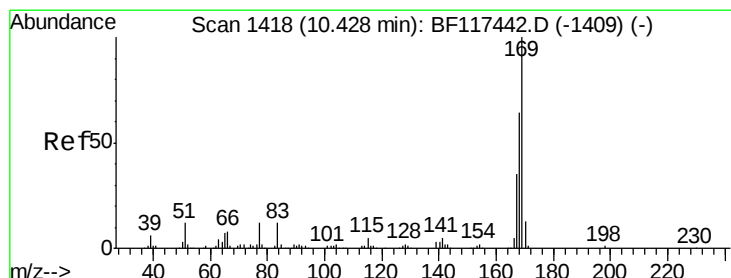
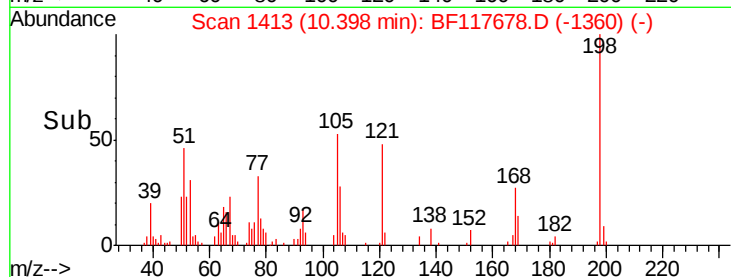
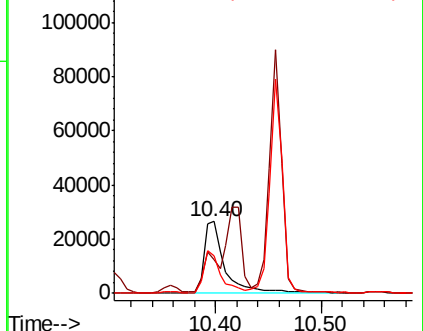
105 52.4 39.4 79.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.272 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

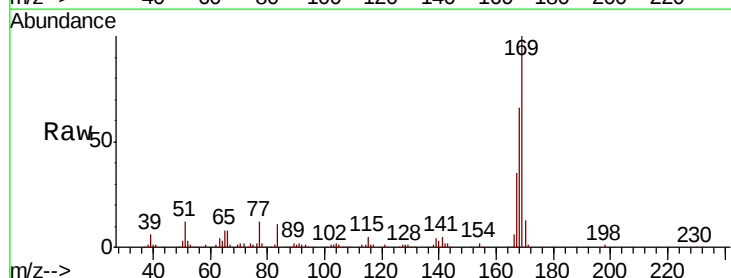
Tgt Ion:169 Resp: 235491

Ion Ratio Lower Upper

169 100

168 66.3 51.3 76.9

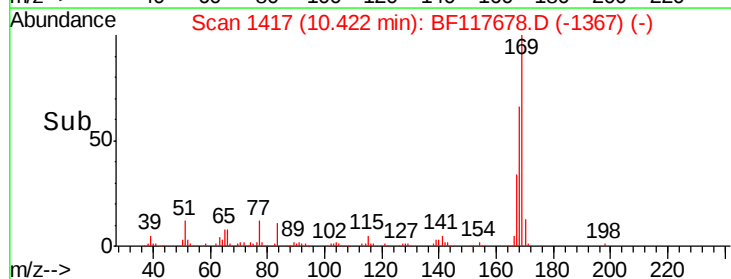
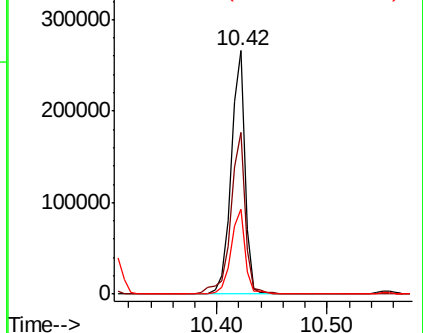
167 34.6 28.2 42.4

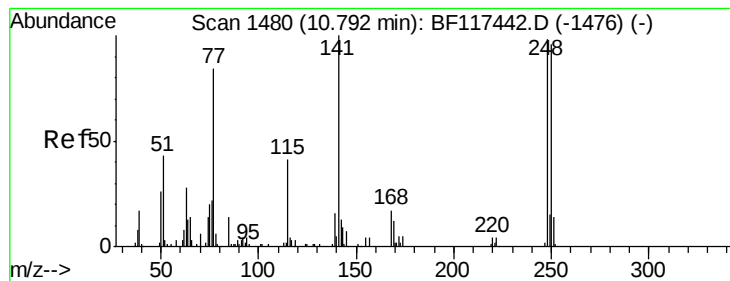


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.437 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampled :

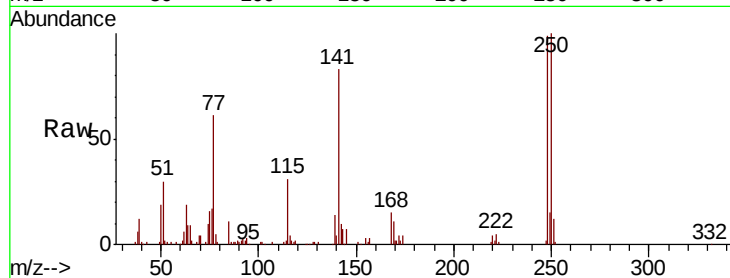
Tot Ion:248 Resp: 66299

Ion	Ratio	Lower	Upper
248	100		
250	101.1	78.0	117.0
141	84.1	81.7	122.5

248 100

250 101.1 78.0 117.0

141 84.1 81.7 122.5

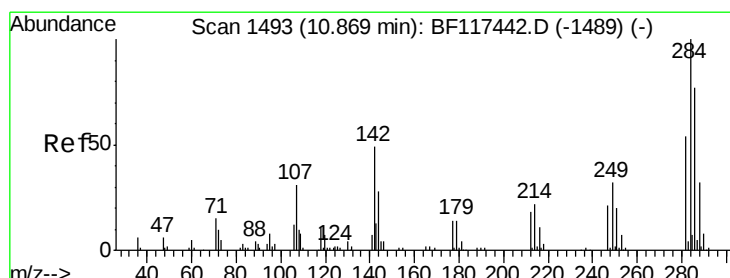
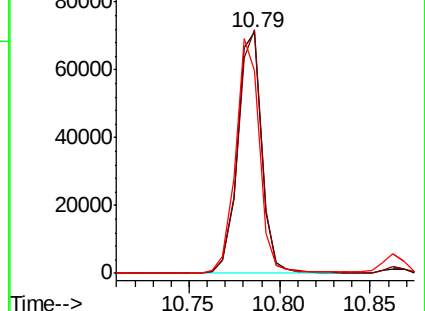
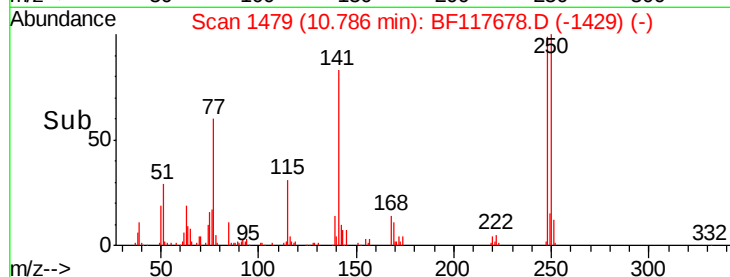


Abundance

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: 38.381 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

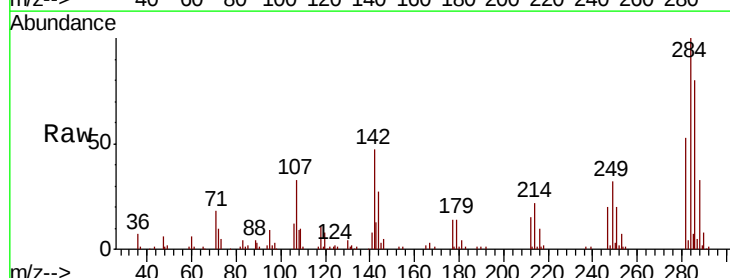
Tgt Ion:284 Resp: 69101

Ion	Ratio	Lower	Upper
284	100		
142	46.5	39.0	58.6
249	32.0	25.7	38.5

284 100

142 46.5 39.0 58.6

249 32.0 25.7 38.5

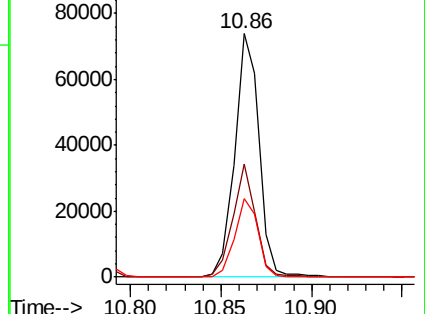
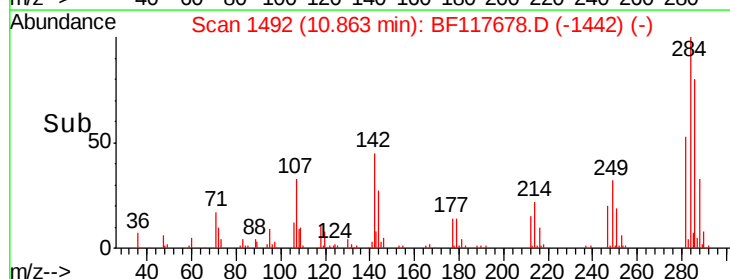


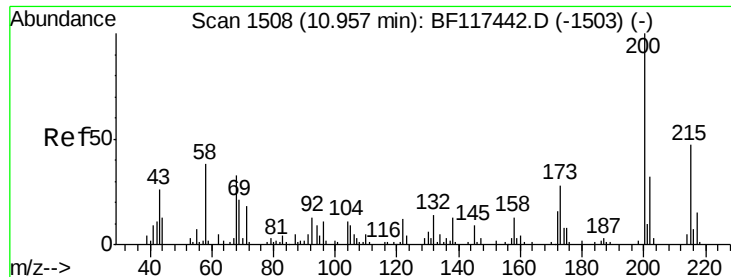
Abundance

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

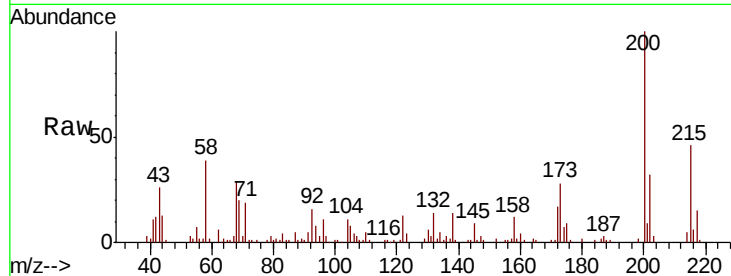




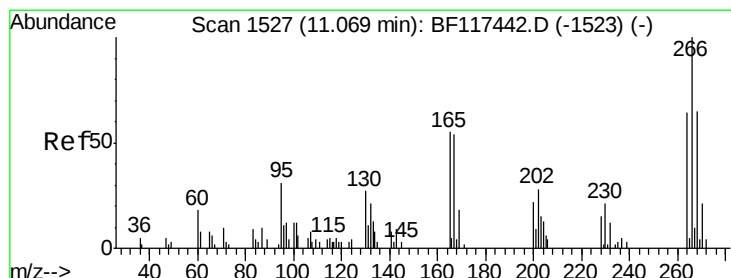
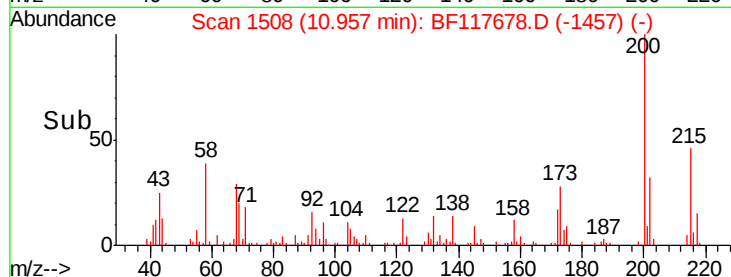
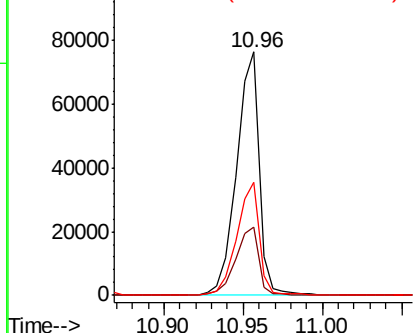
#69
Atrazine
Concen: 52.231 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 75825
Ion Ratio Lower Upper
200 100
173 28.0 8.2 48.2
215 46.2 26.8 66.8

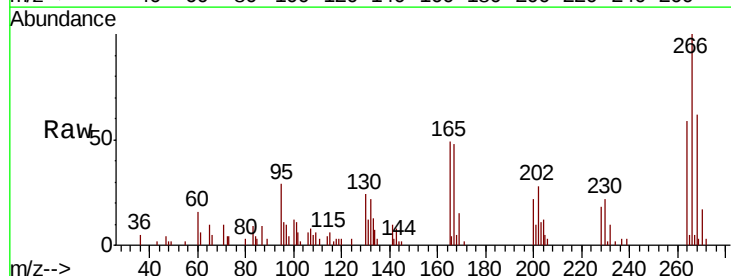


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

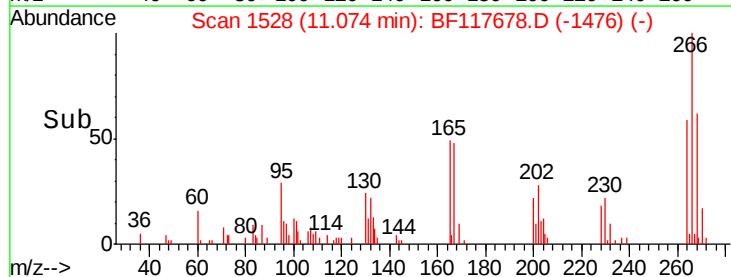
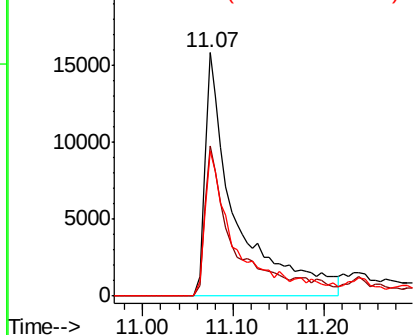


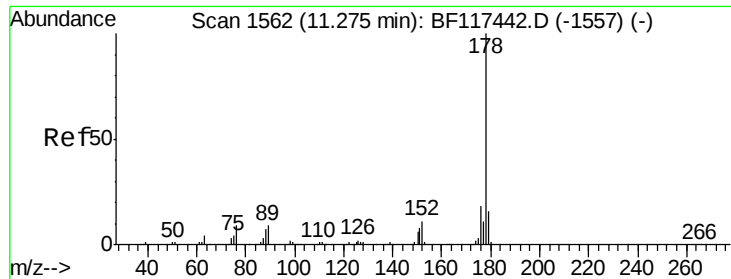
#70
Pentachlorophenol
Concen: 69.294 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:266 Resp: 37400
Ion Ratio Lower Upper
266 100
268 61.8 51.6 77.4
264 59.4 51.4 77.2



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: 42.205 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

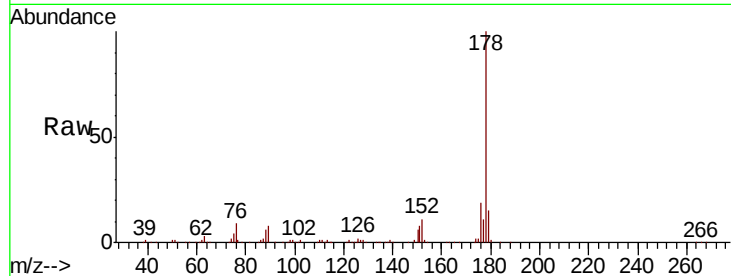
Tot Ion:178 Resp: 382495

Ion Ratio Lower Upper

178 100

176 19.4 14.6 22.0

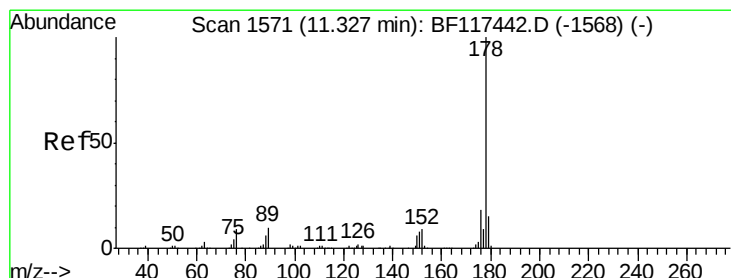
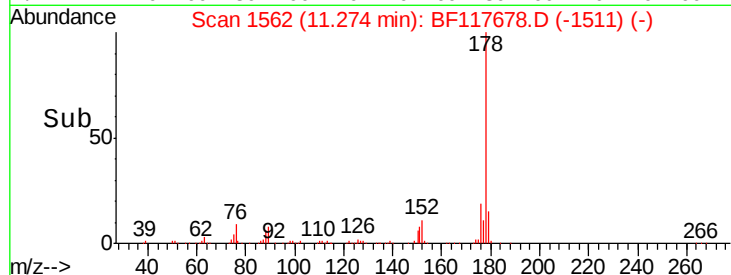
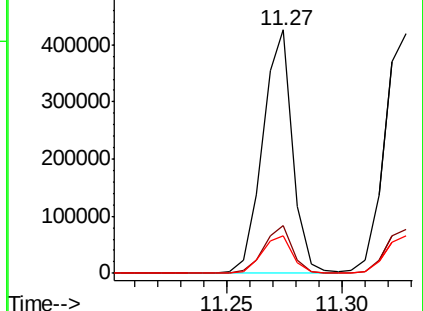
179 15.5 12.6 19.0



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: 43.470 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

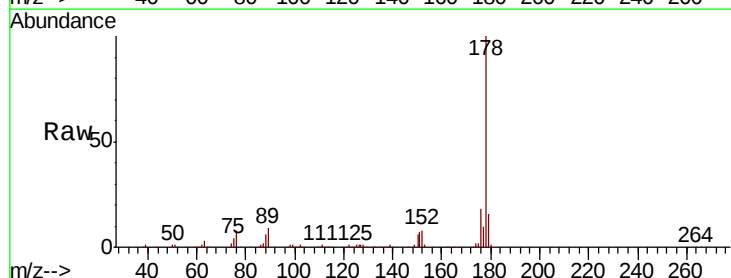
Tgt Ion:178 Resp: 404227

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

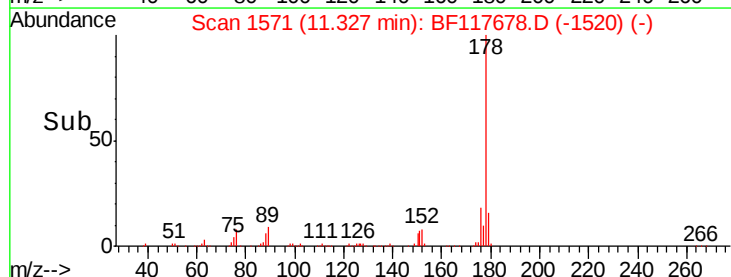
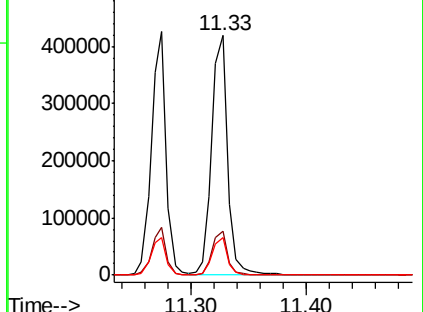
179 15.5 12.2 18.2

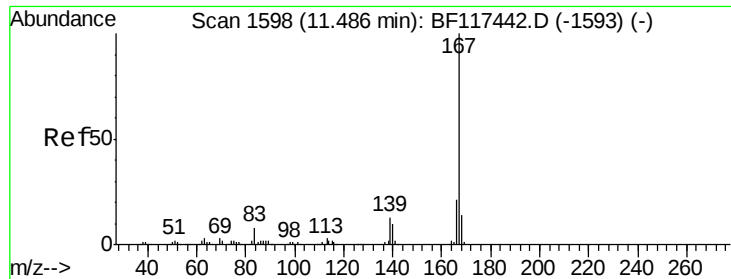


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.265 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

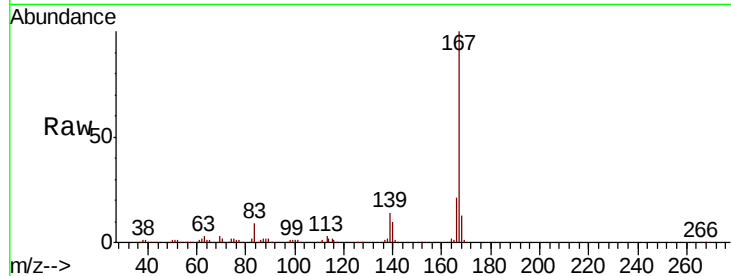
Tot Ion:167 Resp: 376169

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

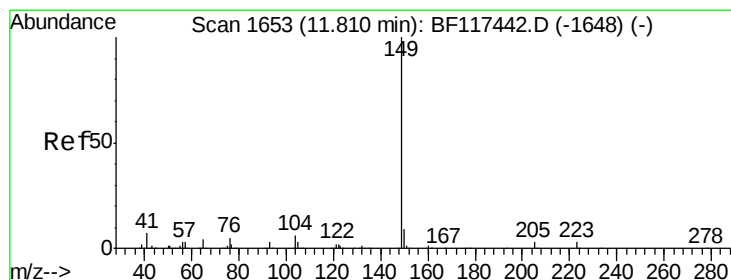
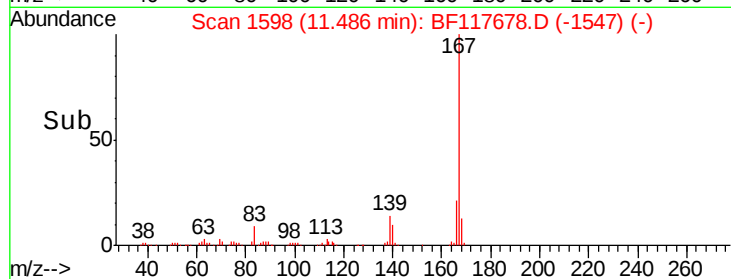
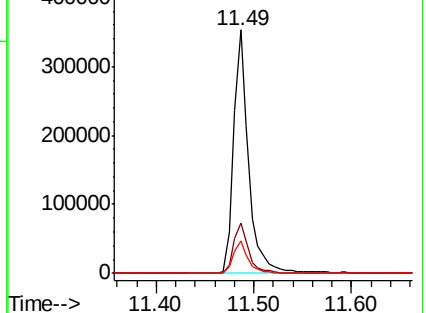
139 13.5 10.6 16.0



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: 44.901 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

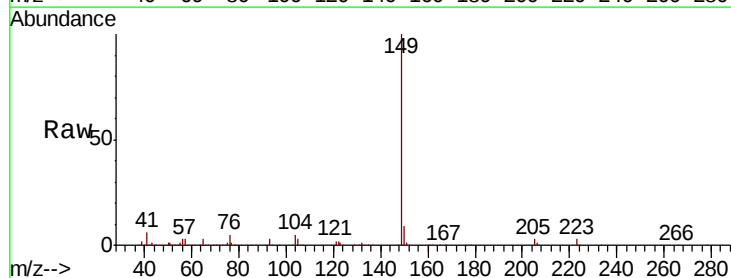
Tgt Ion:149 Resp: 509853

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

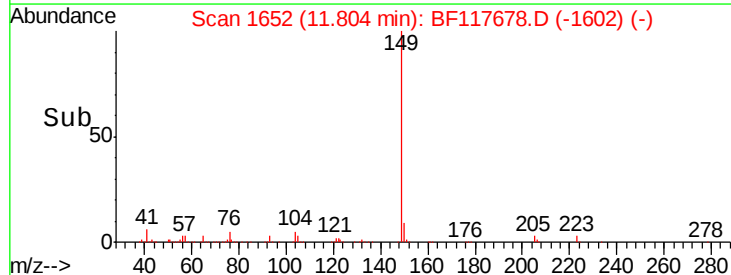
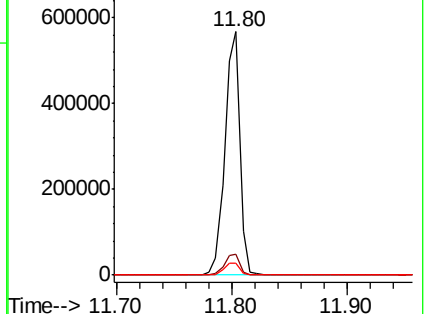
104 4.8 4.6 6.8

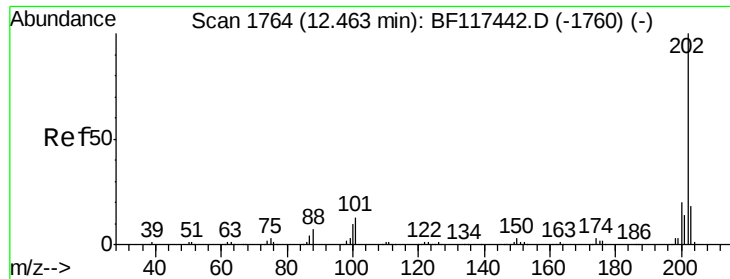


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.231 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

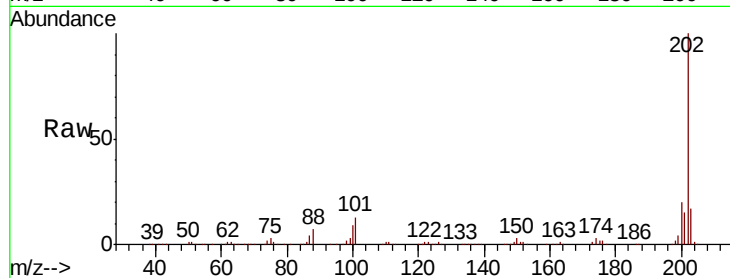
Tot Ion:202 Resp: 401293

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.7

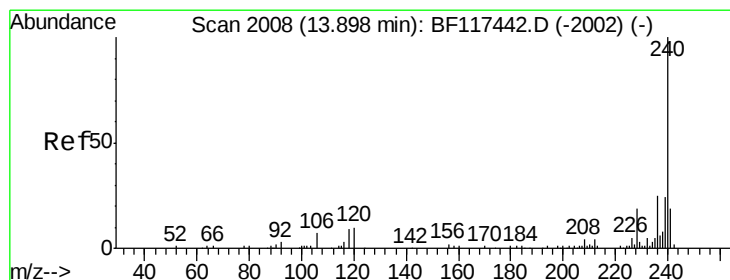
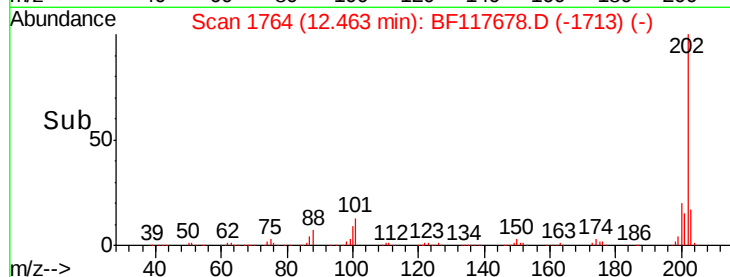
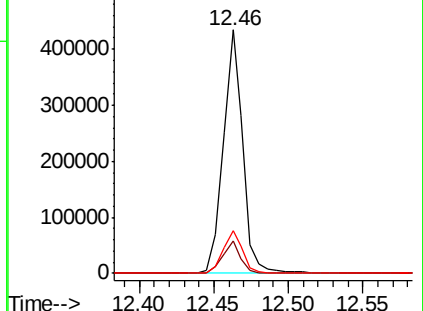
203 17.5 0.0 37.6



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

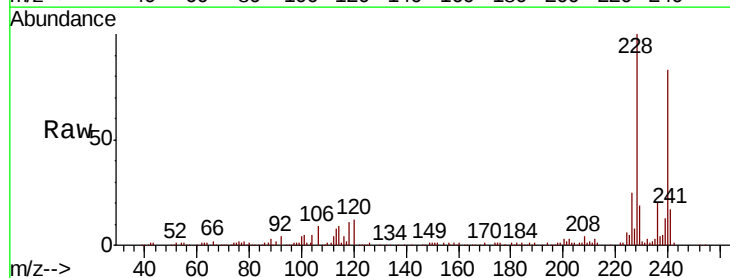
Tgt Ion:240 Resp: 117838

Ion Ratio Lower Upper

240 100

120 14.2 8.4 12.6#

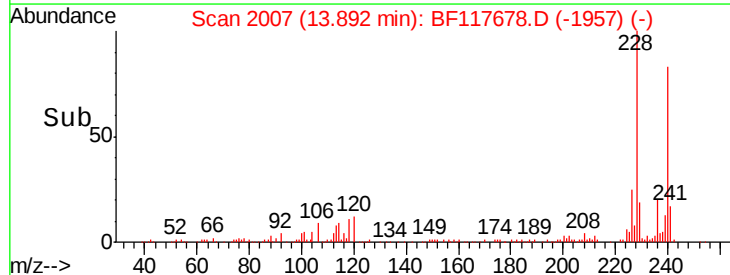
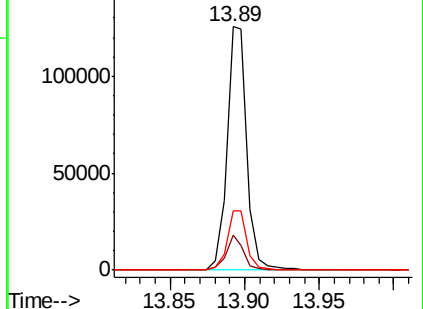
236 24.5 20.0 30.0

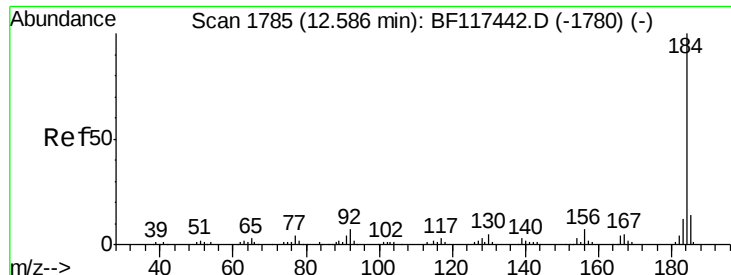


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.338 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

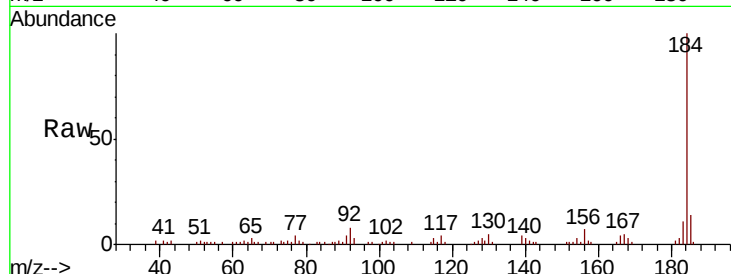
Tot Ion:184 Resp: 90046

Ion Ratio Lower Upper

184 100

185 13.7 11.4 17.0

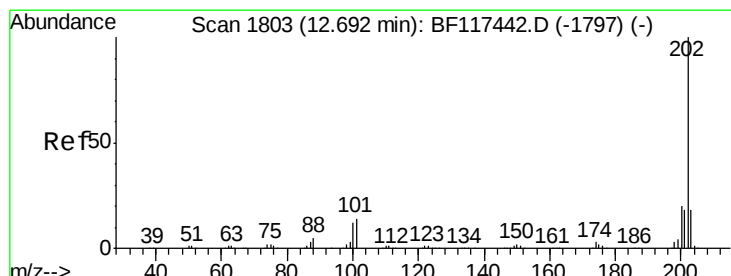
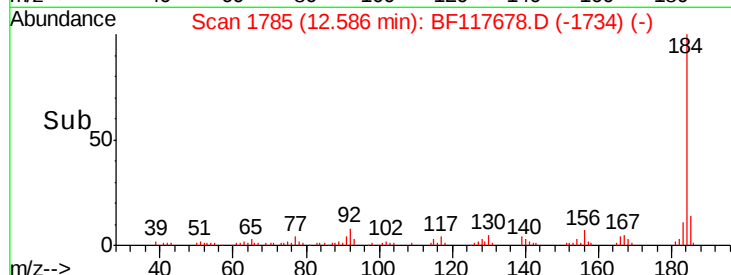
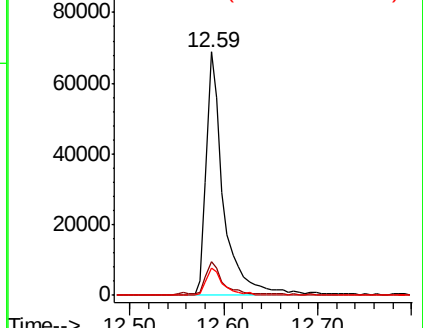
183 11.2 9.6 14.4



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: 40.575 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

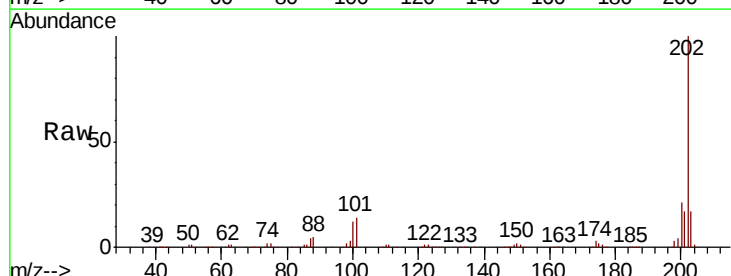
Tgt Ion:202 Resp: 410689

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

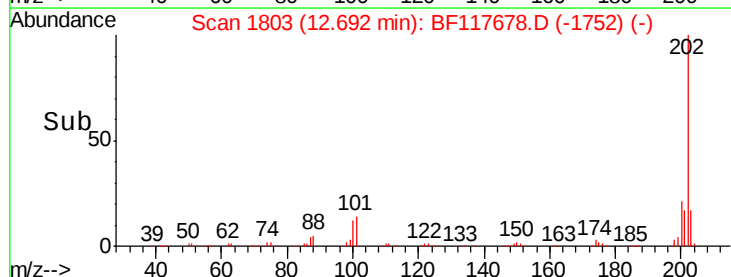
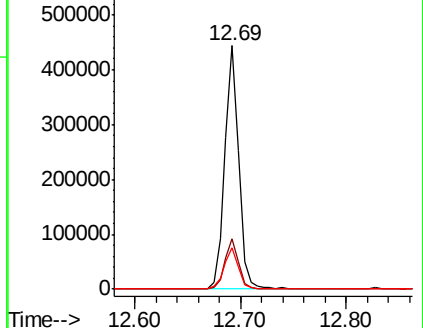
203 17.1 14.0 21.0

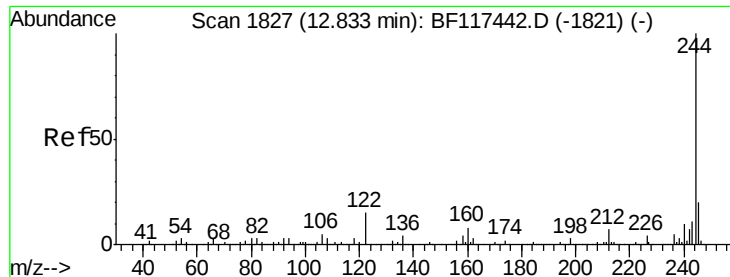


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.857 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

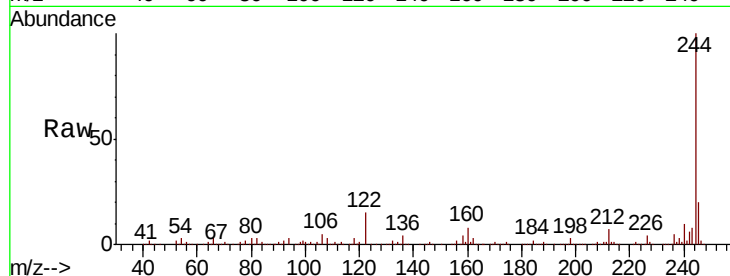
Tot Ion:244 Resp: 584143

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

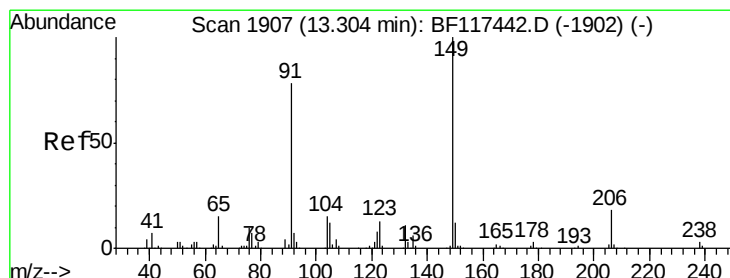
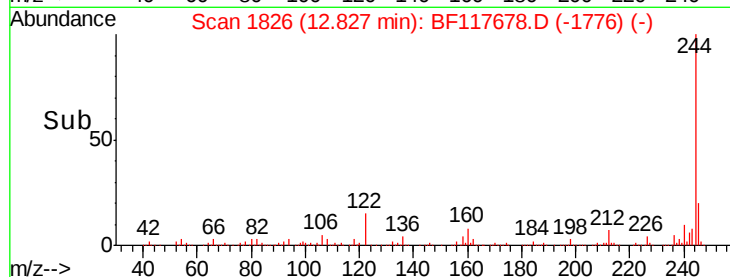
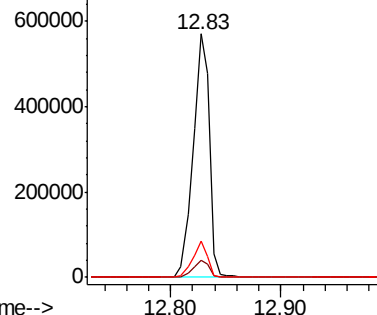
122 14.8 11.8 17.8



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: 43.458 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

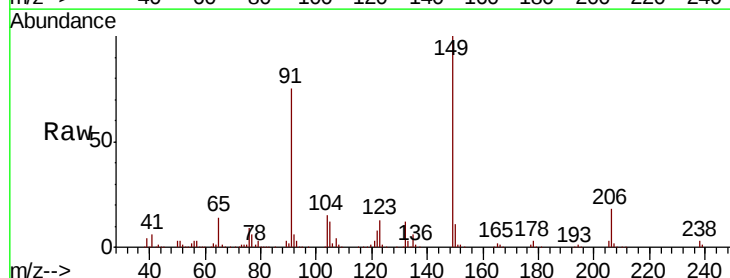
Tgt Ion:149 Resp: 218888

Ion Ratio Lower Upper

149 100

91 75.2 62.1 93.1

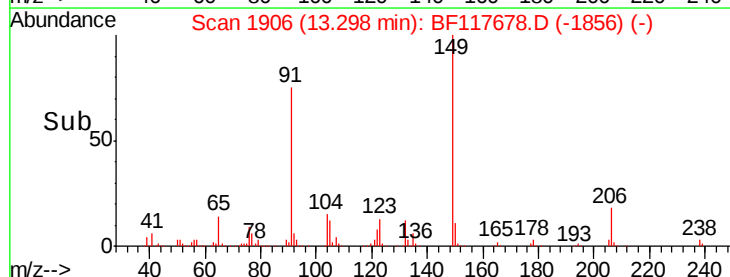
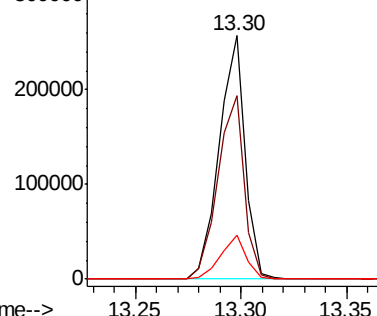
206 17.9 14.3 21.5

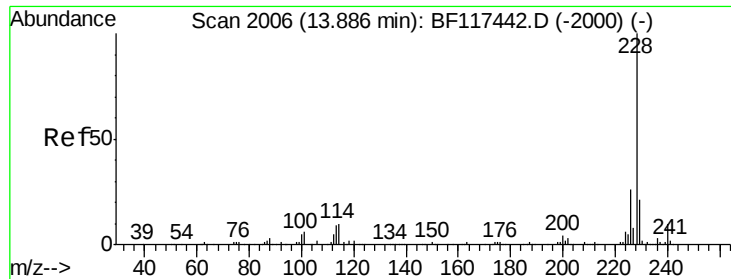


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.933 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampled :

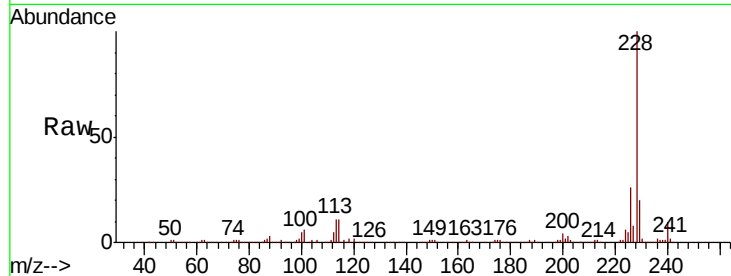
Tot Ion:228 Resp: 341259

Ion Ratio Lower Upper

228 100

226 26.4 21.0 31.4

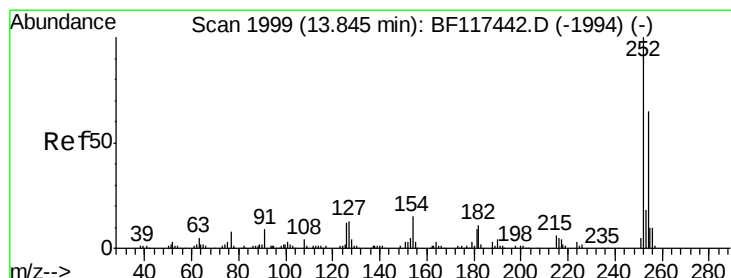
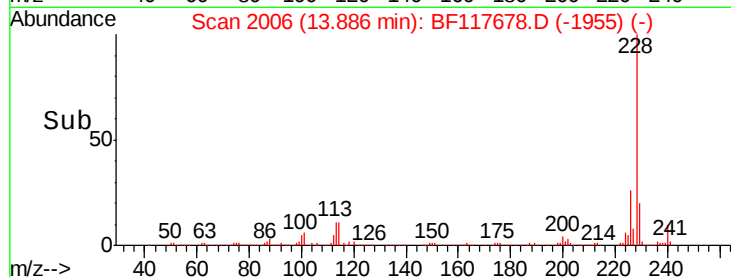
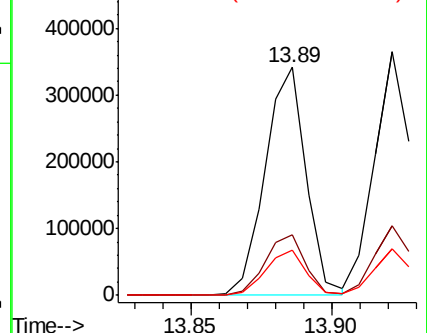
229 19.6 16.4 24.6



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: 24.702 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

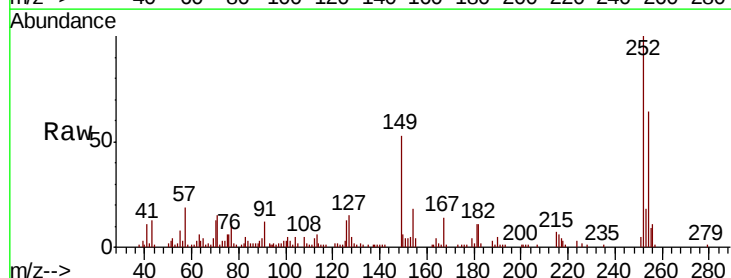
Tgt Ion:252 Resp: 61612

Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.4

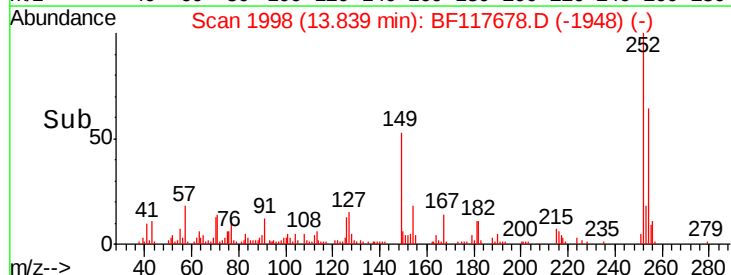
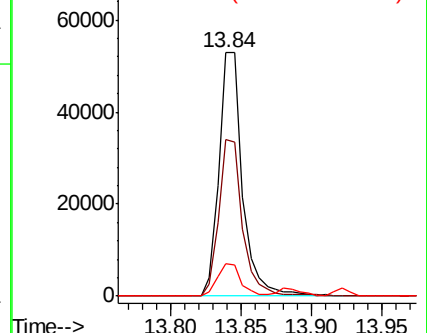
126 13.5 9.2 13.8

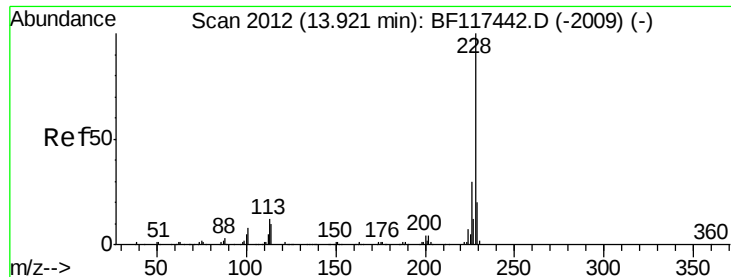


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

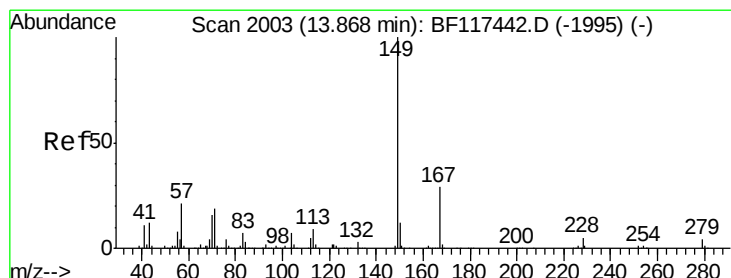
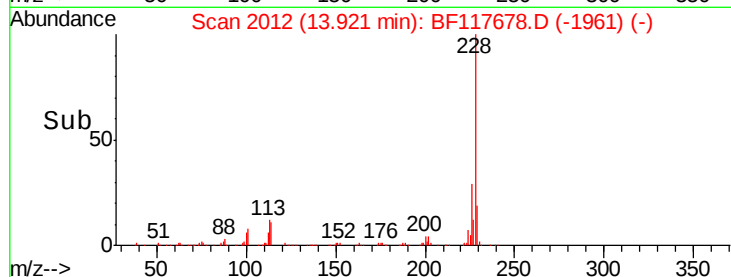
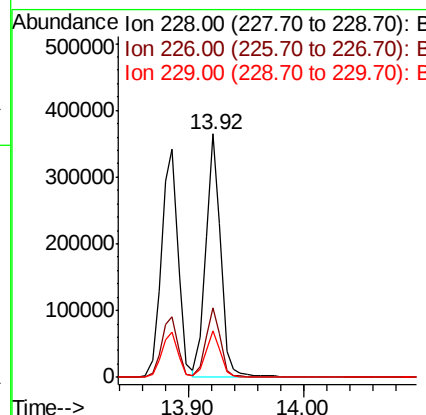
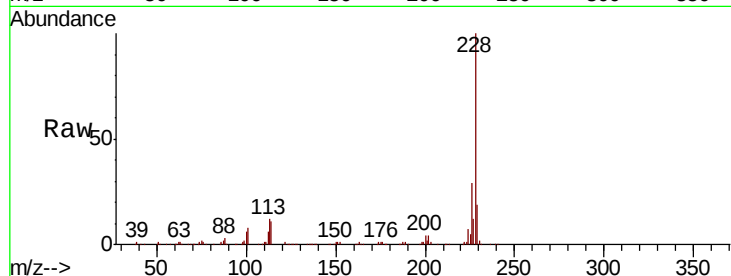




#83
Chrysene
Concen: 42.569 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

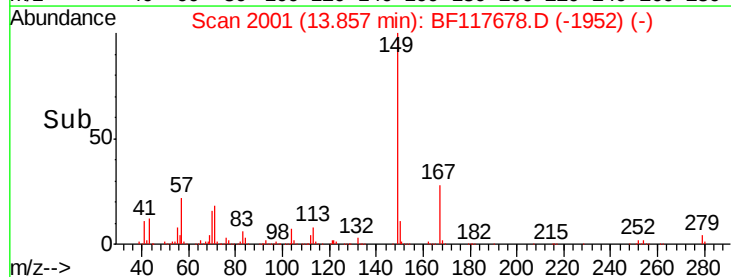
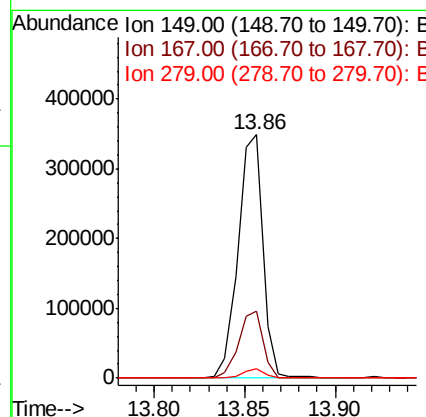
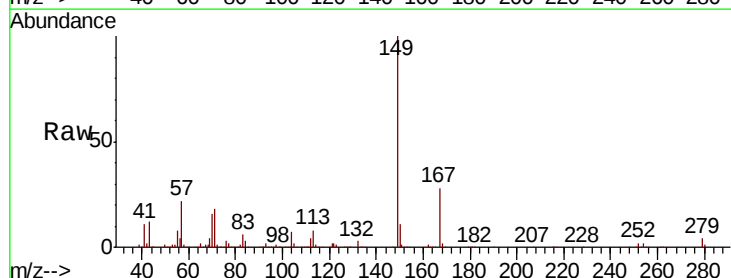
Instrument :
BNA_F
ClientSampleId :

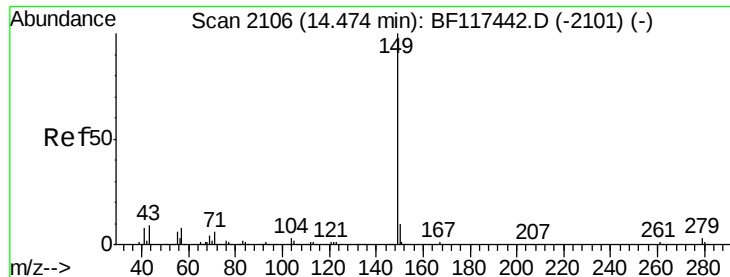
Tot Ion:228 Resp: 331618
Ion Ratio Lower Upper
228 100
226 28.7 23.9 35.9
229 19.3 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.135 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:149 Resp: 332565
Ion Ratio Lower Upper
149 100
167 27.5 23.3 34.9
279 3.9 3.2 4.8

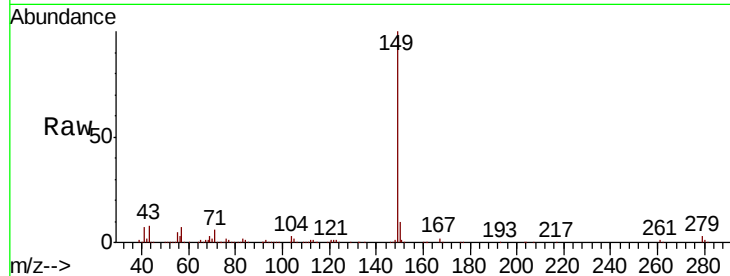




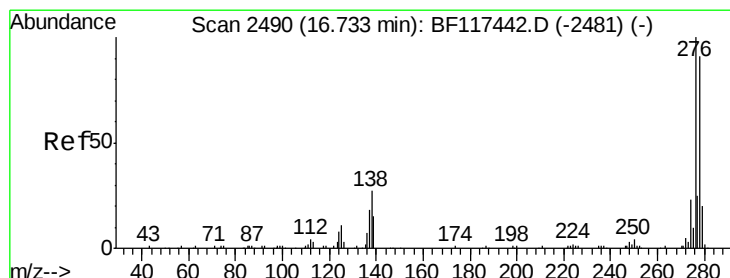
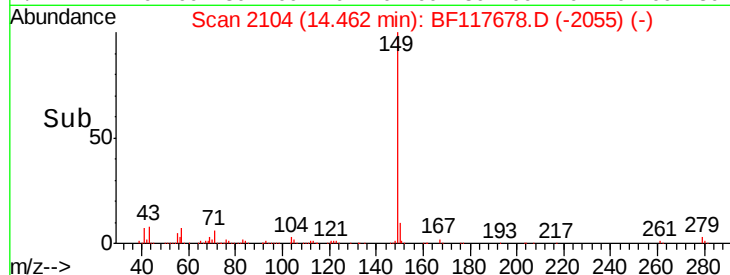
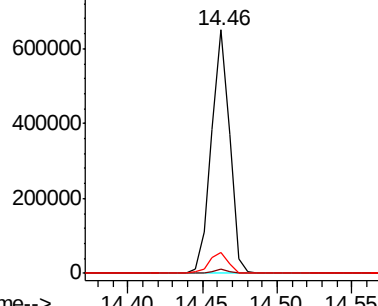
#85
Di-n-octyl phthalate
Concen: 51.293 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 556422
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.5 6.8 10.2

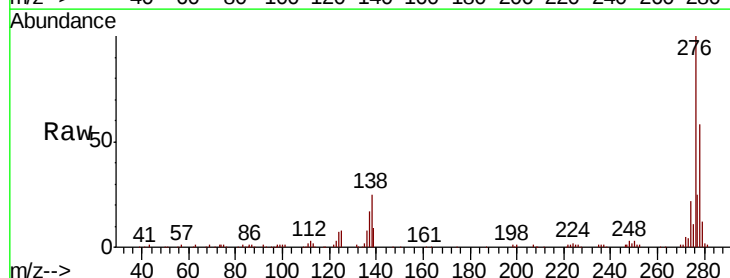


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

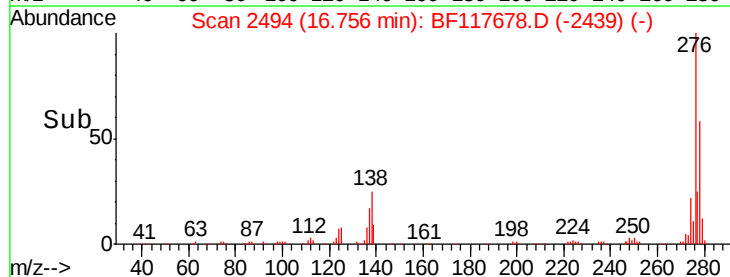
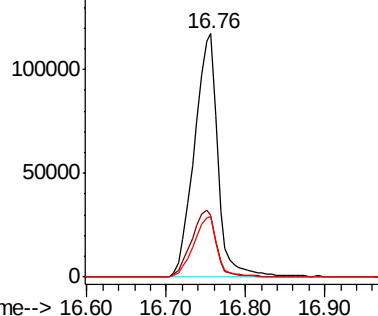


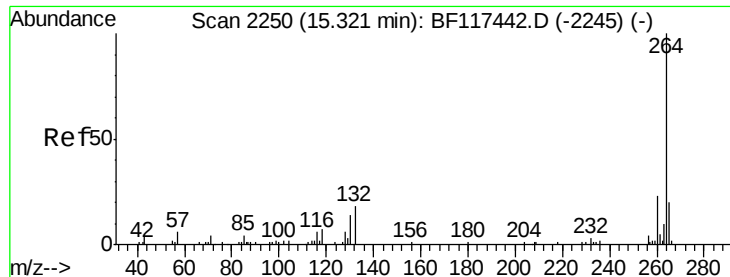
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.624 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:276 Resp: 242095
Ion Ratio Lower Upper
276 100
138 28.7 21.8 32.8
277 24.7 20.0 30.0



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

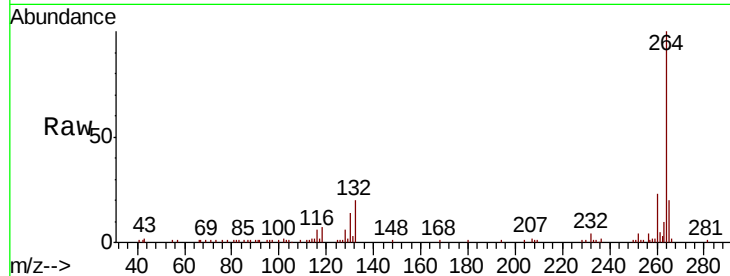




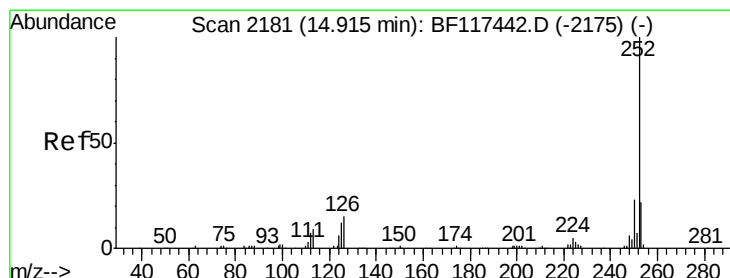
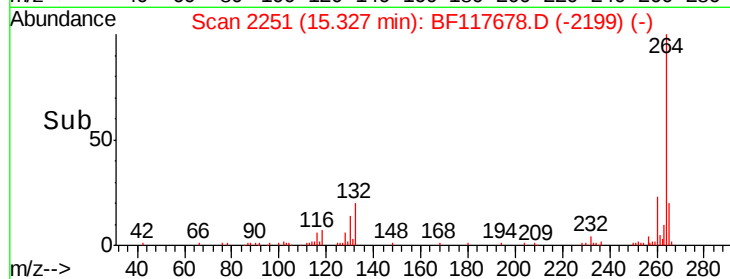
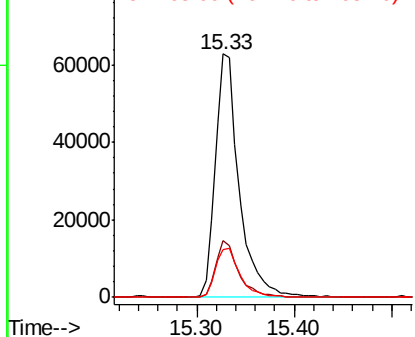
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 106349
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 19.9 16.1 24.1

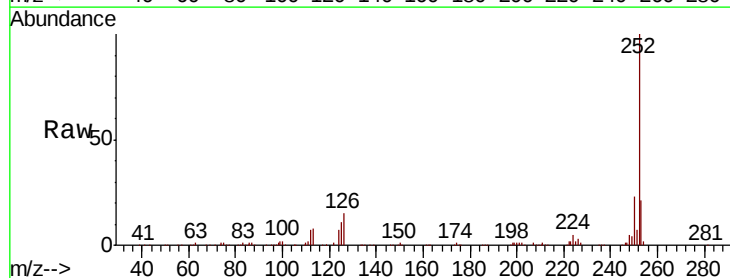


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

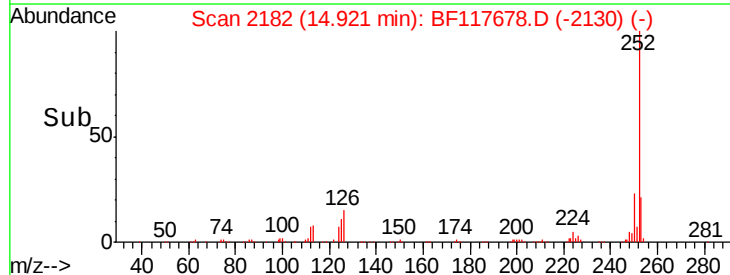
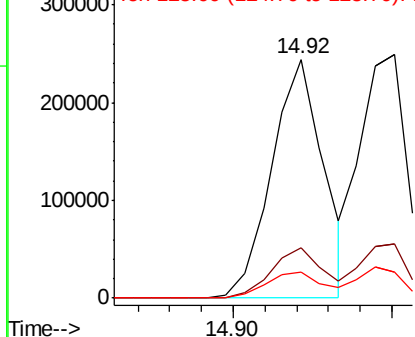


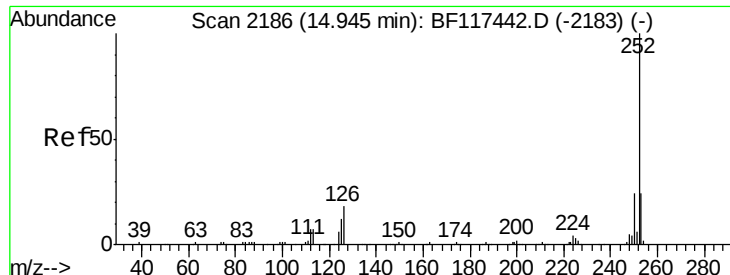
#88
Benzo(b)fluoranthene
Concen: 44.243 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:252 Resp: 277848
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.6
125 11.0 9.9 14.9



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

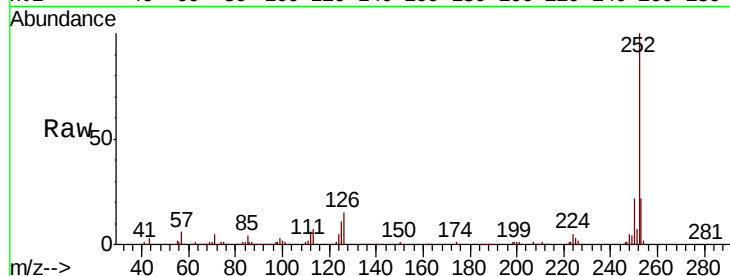




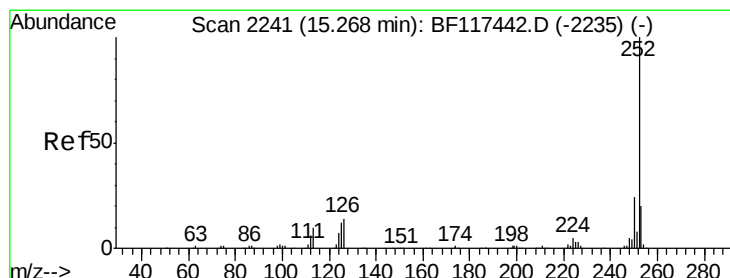
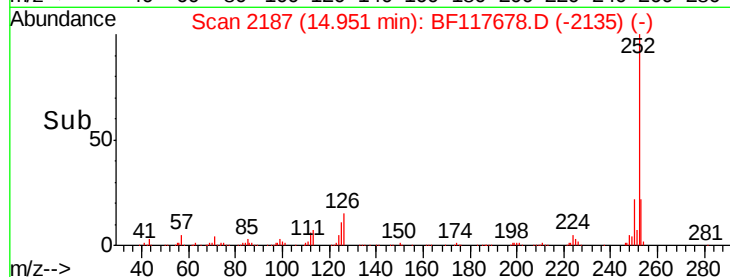
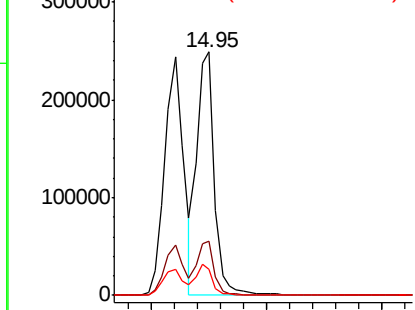
#89
Benzo(k)fluoranthene
Concen: 41.866 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 269475
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.8 8.9 13.3

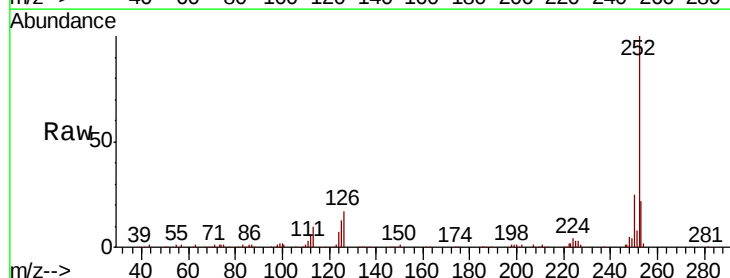


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

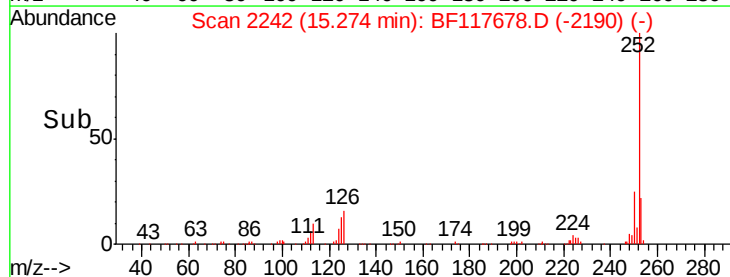
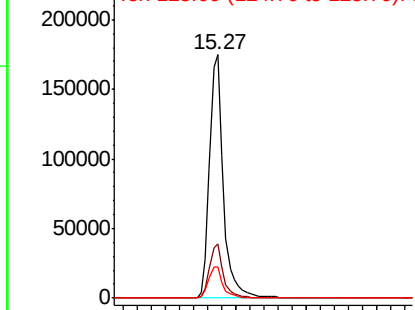


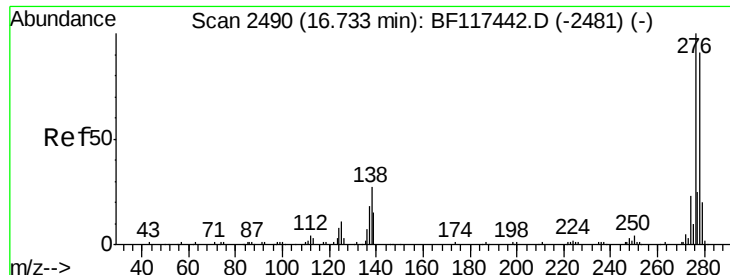
#90
Benzo(a)pyrene
Concen: 42.009 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:252 Resp: 239867
Ion Ratio Lower Upper
252 100
253 22.4 16.3 24.5
125 12.9 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: 42.209 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampled :

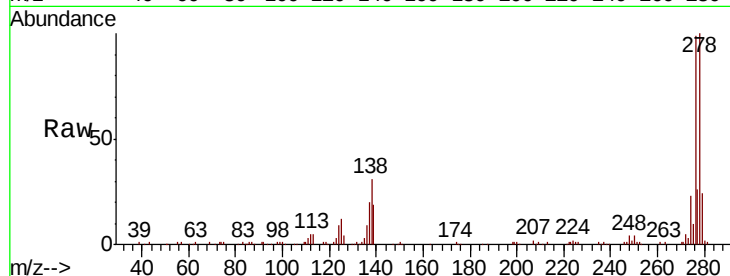
Tot Ion:278 Resp: 208395

Ion Ratio Lower Upper

278 100

139 18.9 13.4 20.0

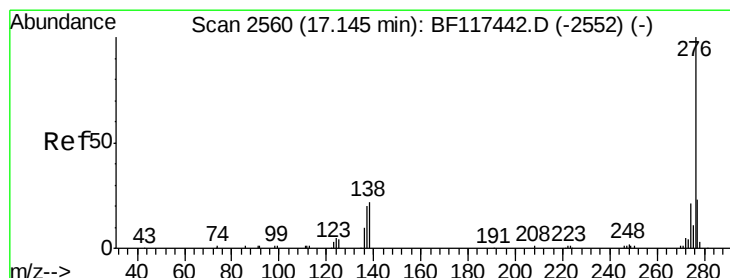
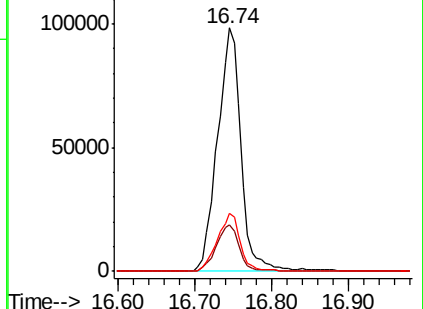
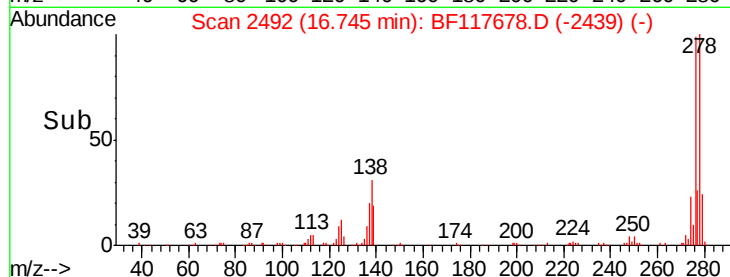
279 23.7 17.8 26.6



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: 42.395 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.03 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

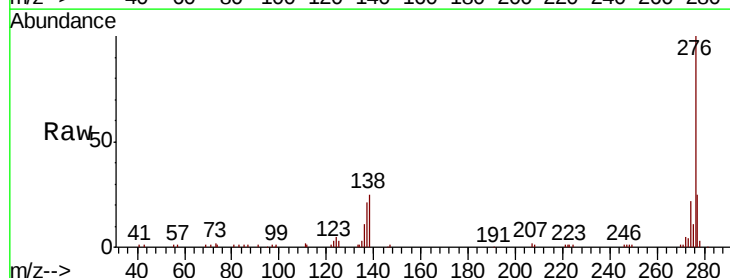
Tgt Ion:276 Resp: 198046

Ion Ratio Lower Upper

276 100

277 24.9 18.4 27.6

138 24.7 17.8 26.6



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

