

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112475.D
 Acq On : 8 Feb 2019 22:19
 Operator : JU/SJ
 Sample : K1385-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Quant Time: Feb 09 05:00:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	118582	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	460998	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	218107	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	373229	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	261765	20.00	ng	0.00
87) Perylene-d12	15.47	264	263524	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	656872	117.66	ng	0.00
7) Phenol-d6	6.49	99	827559	106.68	ng	0.00
23) Nitrobenzene-d5	7.40	82	522304	65.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	198568	78.22	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1051798	68.20	ng	-0.02
79) Terphenyl-d14	12.94	244	892881	64.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	78147	35.139	ng	96
3) Pyridine	3.39	79	198987	35.174	ng	96
4) n-Nitrosodimethylamine	3.32	42	104030	43.769	ng	97
6) Aniline	6.50	93	135656	14.700	ng	# 1
8) 2-Chlorophenol	6.63	128	265336	35.330	ng	99
9) Benzaldehyde	6.38	77	123463	30.449	ng	100
10) Phenol	6.50	94	310461	36.478	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	228313	34.074	ng	99
12) 1,3-Dichlorobenzene	6.77	146	284842	32.566	ng	99
13) 1,4-Dichlorobenzene	6.85	146	289972	32.213	ng	99
14) 1,2-Dichlorobenzene	7.00	146	274588	32.581	ng	98
15) Benzyl Alcohol	6.98	79	219676	33.592	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	277300	32.232	ng	# 17
17) 2-Methylphenol	7.10	107	203074	34.110	ng	# 87
18) Hexachloroethane	7.34	117	97670	30.899	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	177257	33.137	ng	98
20) 3+4-Methylphenols	7.26	107	271751	35.695	ng	# 61
22) Acetophenone	7.24	105	361887	32.238	ng	93
24) Nitrobenzene	7.42	77	261499	32.727	ng	96
25) Isophorone	7.65	82	465464	37.085	ng	99
26) 2-Nitrophenol	7.73	139	120123	28.131	ng	96
27) 2,4-Dimethylphenol	7.77	122	220609	37.498	ng	93
28) bis(2-Chloroethoxy)methane	7.86	93	288142	33.715	ng	99
29) 2,4-Dichlorophenol	7.99	162	217347	33.012	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	244661	32.329	ng	99
31) Naphthalene	8.14	128	773641	35.886	ng	98
32) Benzoic acid	7.77	122	220609	65.737	ng	# 16
33) 4-Chloroaniline	8.19	127	92310	9.834	ng	97
34) Hexachlorobutadiene	8.25	225	137849	31.040	ng	98
35) Caprolactam	8.55	113	63291	27.250	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	219593	31.507	ng	98
37) 2-Methylnaphthalene	8.83	142	535024	36.252	ng	97
38) 1-Methylnaphthalene	8.93	142	500937	35.413	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	240001	33.514	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	29277	19.010	ng	95
43) 2,4,6-Trichlorophenol	9.12	196	135308	30.652	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	130821	28.356	ng	97
46) 1,1'-Biphenyl	9.29	154	641192	33.627	ng	98
47) 2-Chloronaphthalene	9.32	162	484817	32.788	ng	96
48) 2-Nitroaniline	9.42	65	137638	34.152	ng	100
49) Acenaphthylene	9.73	152	779060	35.947	ng	98
50) Dimethylphthalate	9.59	163	641724	37.869	ng	99
51) 2,6-Dinitrotoluene	9.66	165	126411	33.308	ng #	87
52) Acenaphthene	9.90	154	444381	34.324	ng	99
53) 3-Nitroaniline	9.83	138	85829	20.875	ng #	99
55) Dibenzofuran	10.07	168	668076	33.768	ng	94
56) 4-Nitrophenol	10.02	139	91633	42.154	ng	95
57) 2,4-Dinitrotoluene	10.07	165	158786	32.864	ng #	81
58) Fluorene	10.42	166	536398	36.230	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	97090	27.848	ng	97
60) Diethylphthalate	10.29	149	572137	34.022	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	255927	31.778	ng	90
62) 4-Nitroaniline	10.45	138	120438	29.864	ng	94
63) Azobenzene	10.57	77	479047	32.390	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	6602	3.155	ng	81
66) n-Nitrosodiphenylamine	10.53	169	460966	36.646	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	151476	34.507	ng	96
68) Hexachlorobenzene	10.97	284	160430	34.064	ng	97
69) Atrazine	11.05	200	145295	35.797	ng	96
70) Pentachlorophenol	11.18	266	62371	34.035	ng	99
71) Phenanthrene	11.38	178	765029	39.427	ng	98
72) Anthracene	11.43	178	738628	38.214	ng	98
73) Carbazole	11.59	167	617054	32.364	ng	99
74) Di-n-butylphthalate	11.91	149	837933	35.407	ng	98
75) Fluoranthene	12.57	202	789292	37.926	ng	97
78) Pyrene	12.80	202	763113	42.107	ng	98
80) Butylbenzylphthalate	13.41	149	294197	33.552	ng	98
81) Benzo(a)anthracene	13.99	228	620322	40.312	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	120204	20.873	ng	99
83) Chrysene	14.03	228	584896	39.820	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	414199	33.279	ng #	97
85) Di-n-octyl phthalate	14.57	149	665699	34.764	ng	97
86) Indeno(1,2,3-cd)pyrene	16.97	276	521279	44.788	ng	97
88) Benzo(b)fluoranthene	15.05	252	663045	42.071	ng	98
89) Benzo(k)fluoranthene	15.07	252	555989	36.831	ng	99
90) Benzo(a)pyrene	15.42	252	578909	40.824	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	427244	37.383	ng	99
92) Benzo(g,h,i)perylene	17.41	276	413335	38.334	ng	98

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

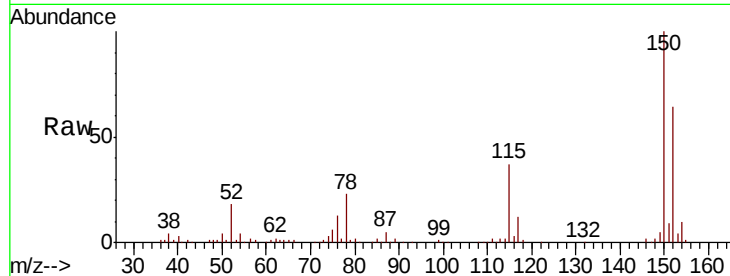


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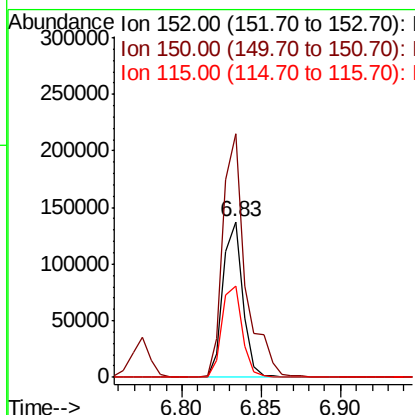
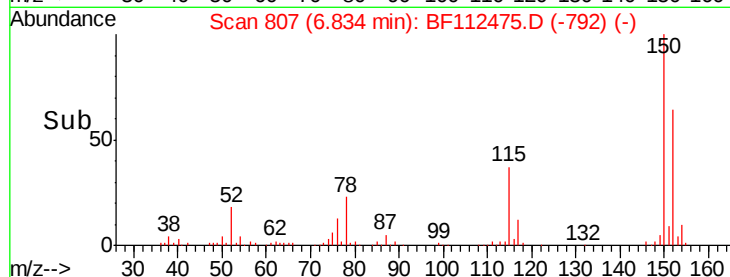
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
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ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:152 Resp: 118582
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 58.6 45.5 68.3



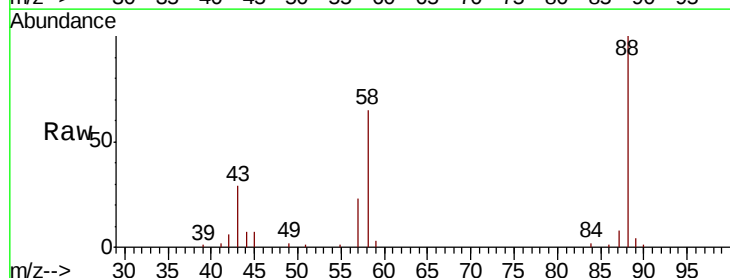
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



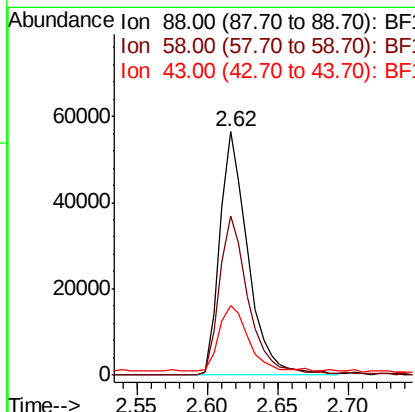
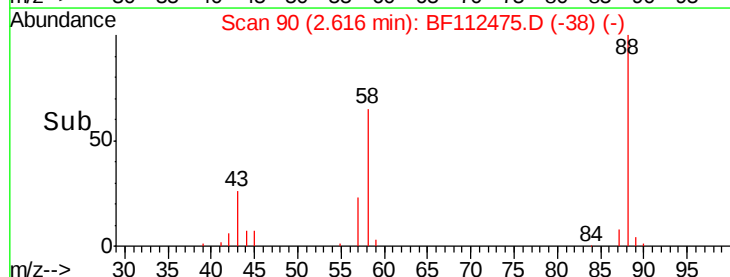
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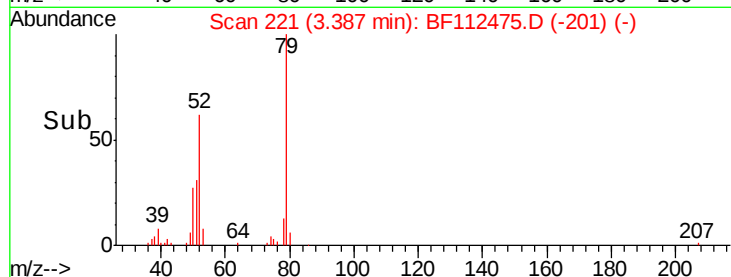
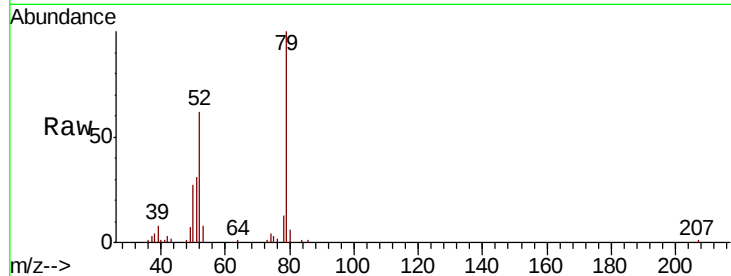
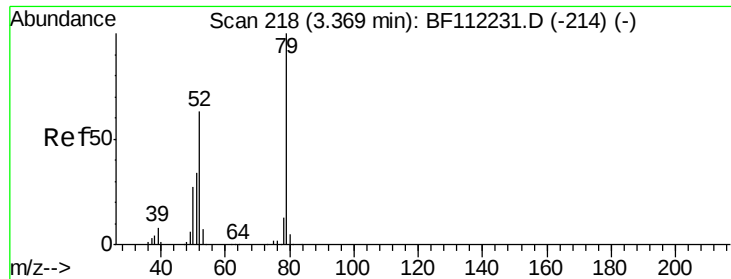
1,4-Dioxane
Concen: 35.139 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion: 88 Resp: 78147
Ion Ratio Lower Upper
88 100
58 67.9 57.4 86.2
43 28.2 22.2 33.4



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

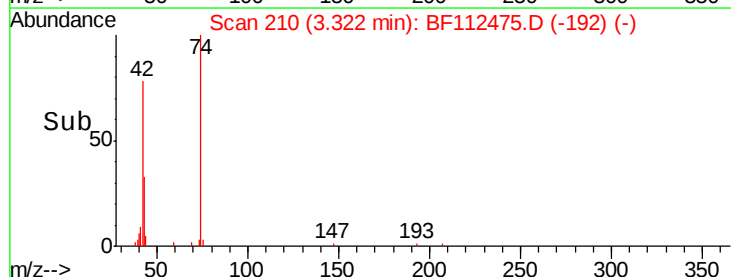
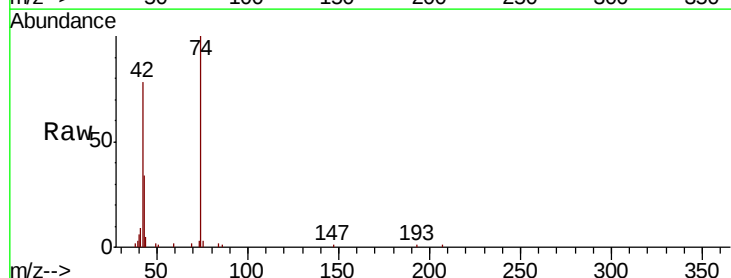
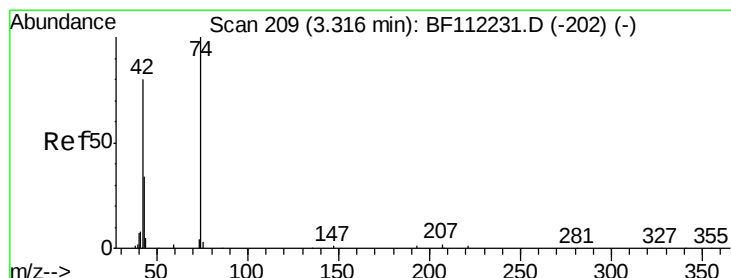
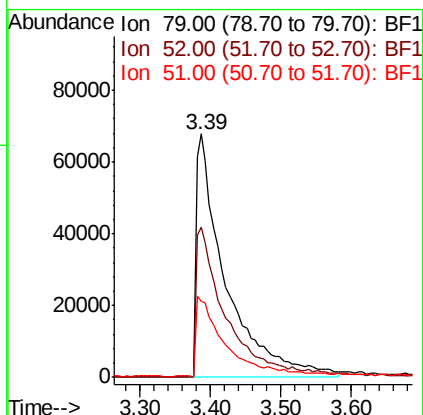




#3
 Pvridine
 Concen: 35.174 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

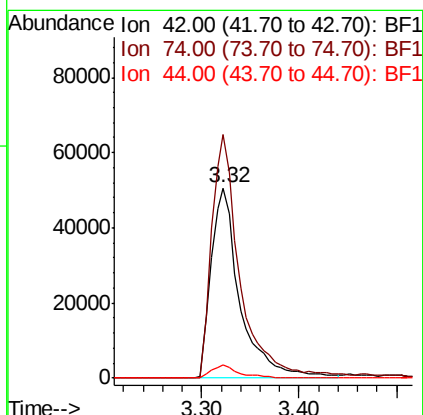
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

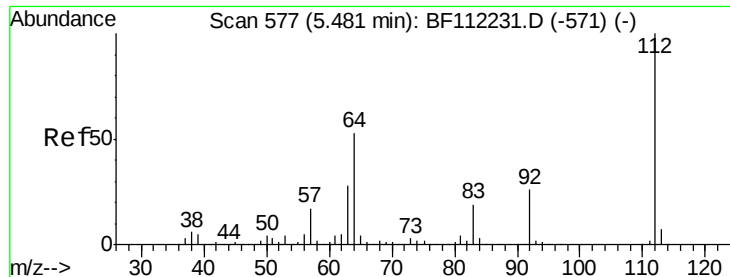
Tot Ion: 79 Resp: 198987
 Ion Ratio Lower Upper
 79 100
 52 61.5 52.4 78.6
 51 31.2 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 43.769 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion: 42 Resp: 104030
 Ion Ratio Lower Upper
 42 100
 74 128.2 105.6 158.4
 44 6.6 5.4 8.2





#5

2-Fluorophenol

Concen: 117.660 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

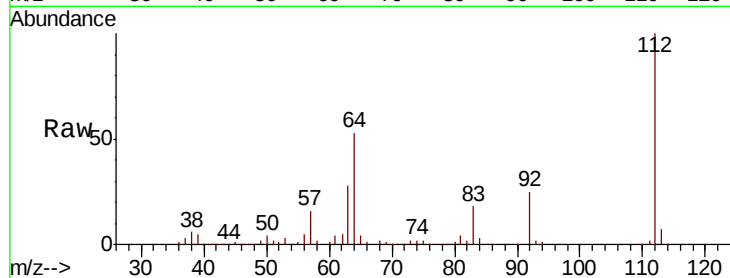
Tot Ion:112 Resp: 656872

Ion Ratio Lower Upper

112 100

64 52.7 45.7 68.5

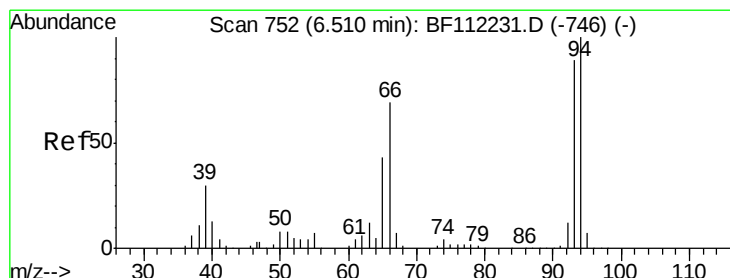
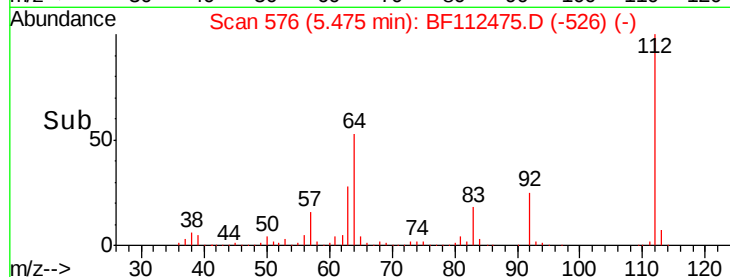
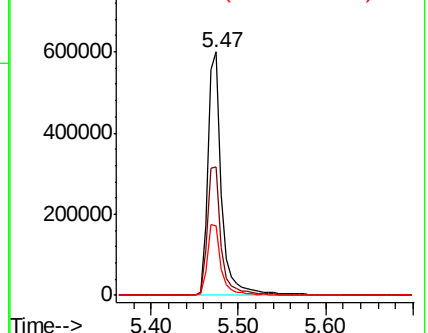
63 28.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.700 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

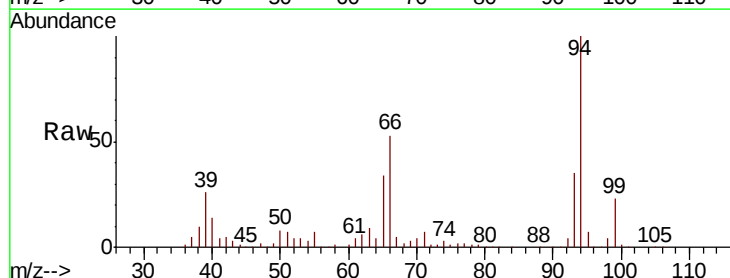
Tgt Ion: 93 Resp: 135656

Ion Ratio Lower Upper

93 100

66 153.2 43.4 65.2#

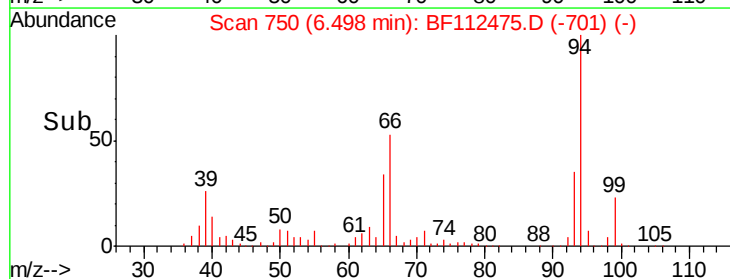
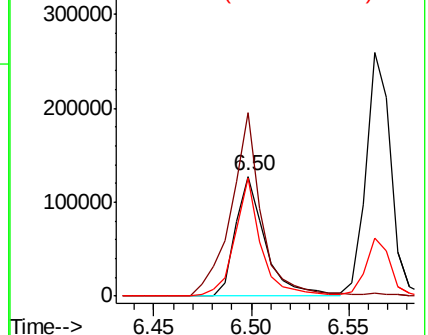
65 98.3 25.3 37.9#

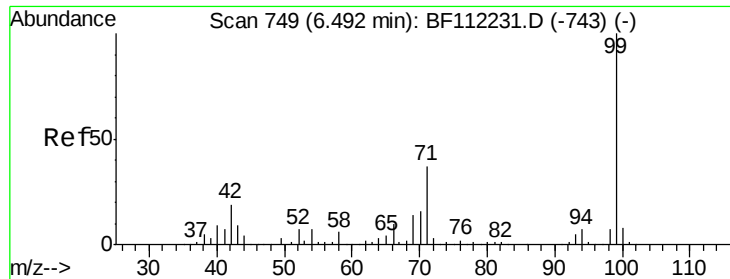


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.678 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

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ClientSampleId :

98-SB-01-2-4MSD

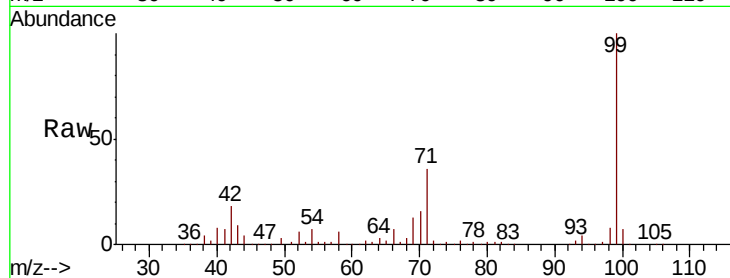
Tot Ion: 99 Resp: 827559

Ion Ratio Lower Upper

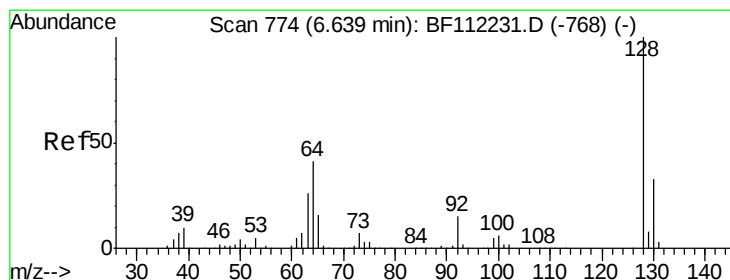
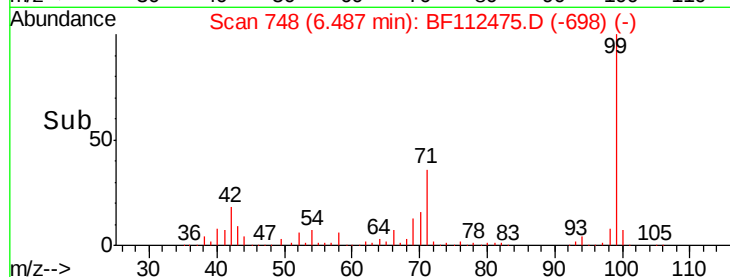
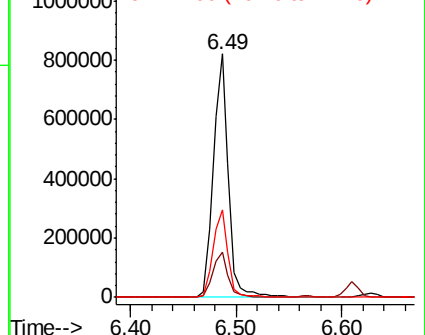
99 100

42 18.3 15.1 22.7

71 35.9 26.9 40.3



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: 35.330 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

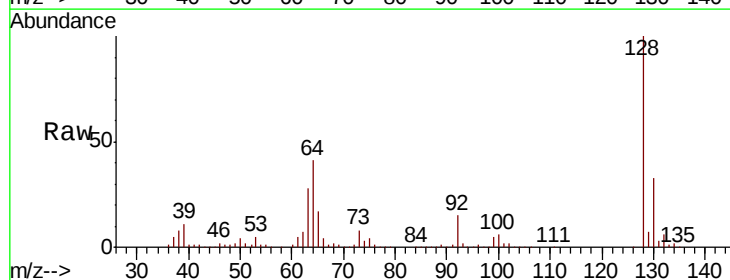
Tgt Ion: 128 Resp: 265336

Ion Ratio Lower Upper

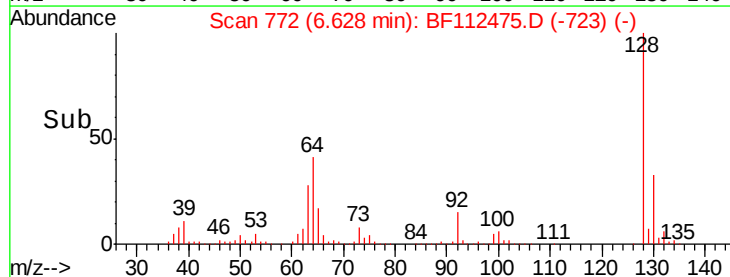
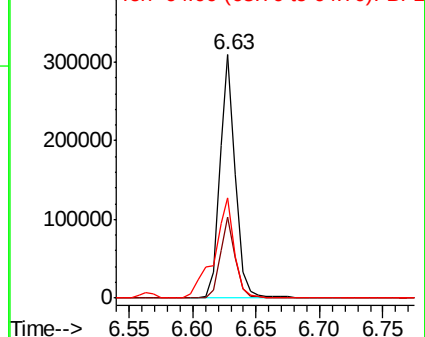
128 100

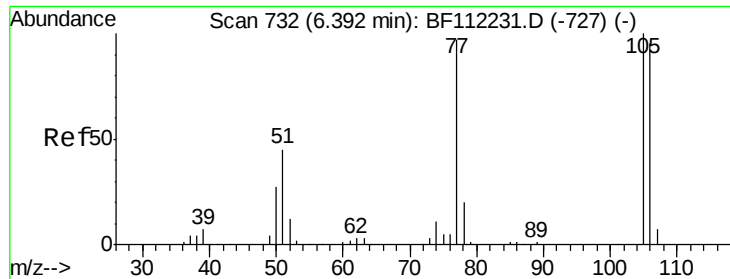
130 33.2 13.4 53.4

64 41.1 20.5 60.5



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: 30.449 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

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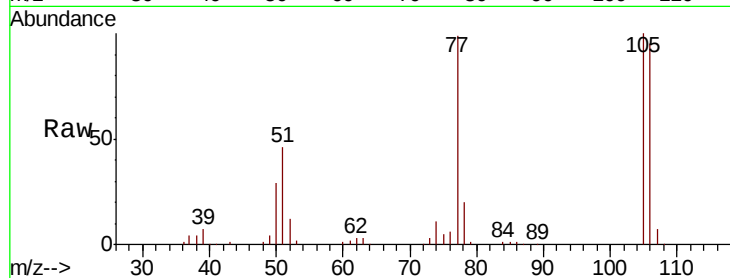
Tot Ion: 77 Resp: 123463

Ion Ratio Lower Upper

77 100

105 100.7 80.8 120.8

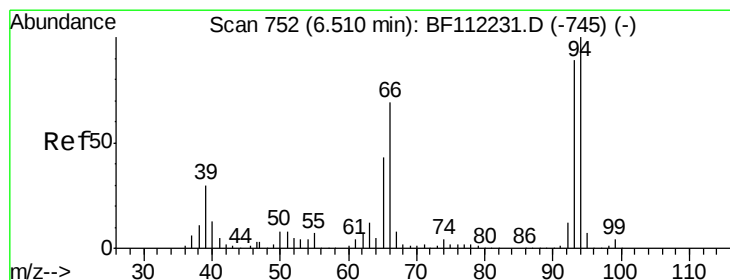
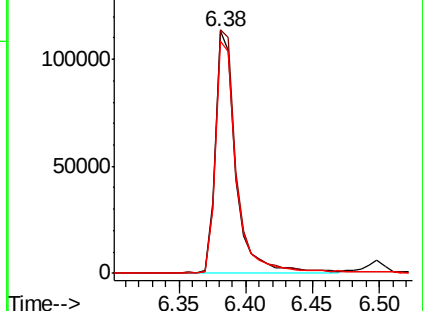
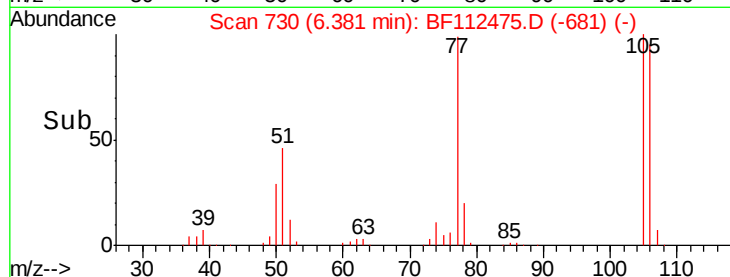
106 95.9 75.7 115.7



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: 36.478 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

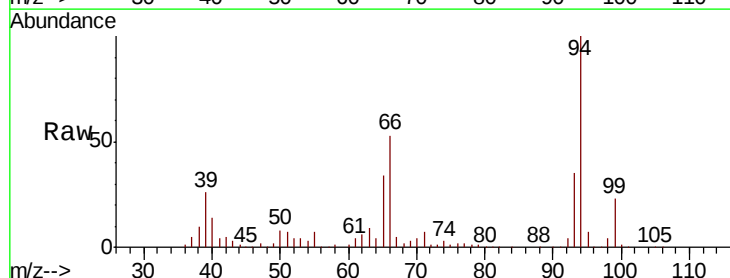
Tgt Ion: 94 Resp: 310461

Ion Ratio Lower Upper

94 100

65 34.2 20.3 60.3

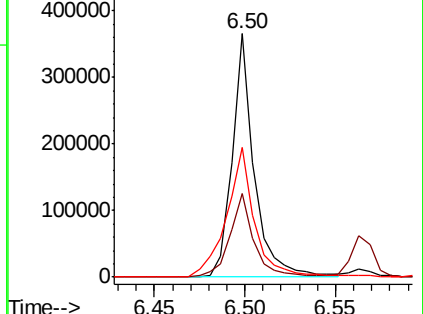
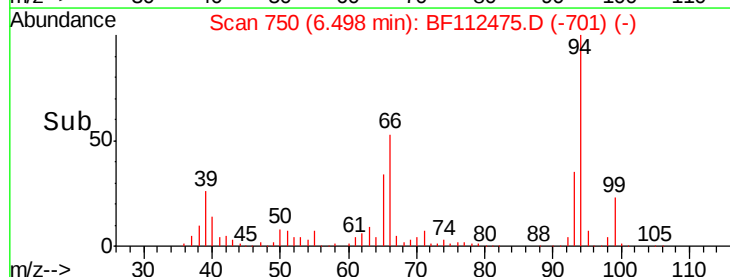
66 53.3 42.4 82.4

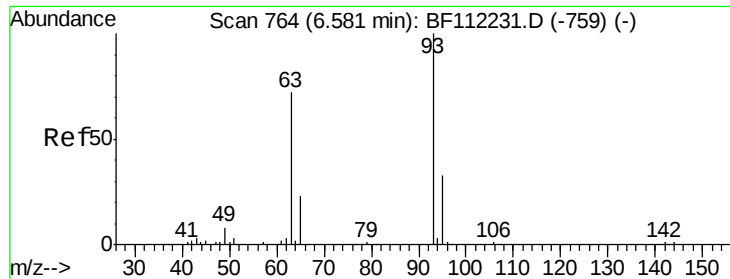


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

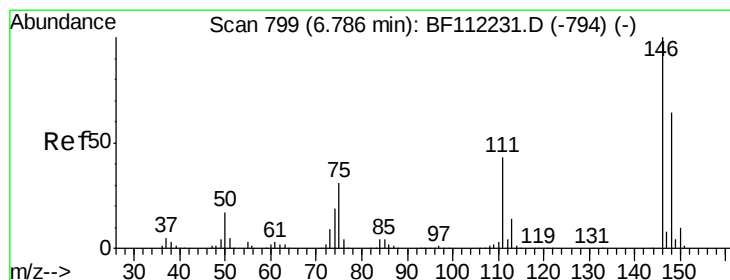
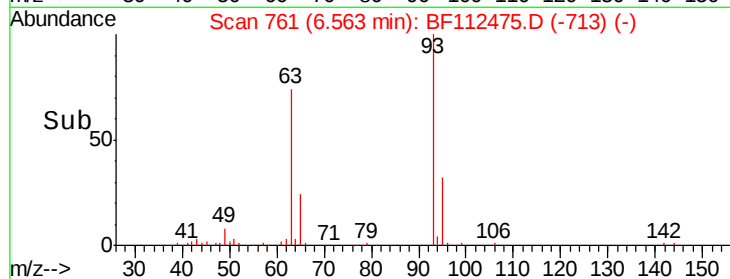
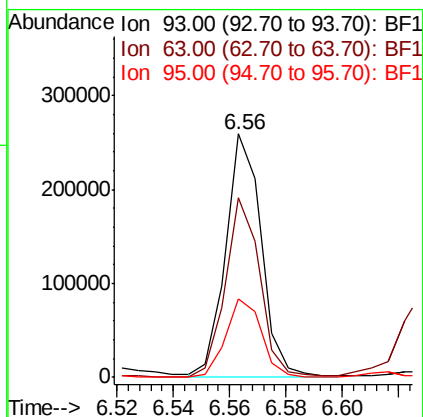
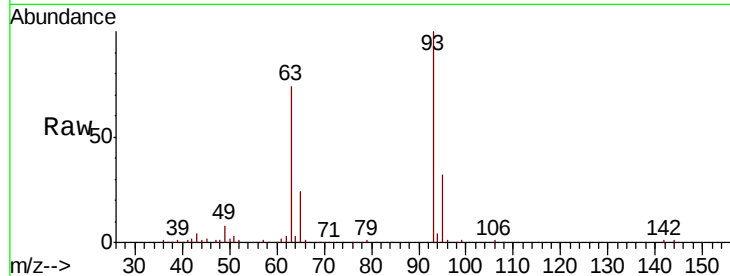




#11
bis(2-Chloroethyl)ether
Concen: 34.074 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

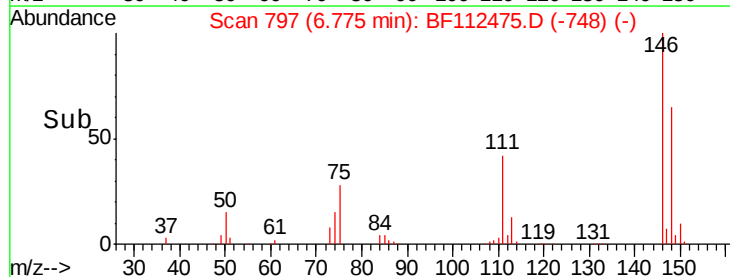
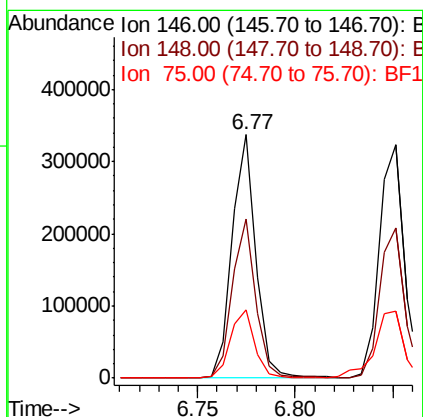
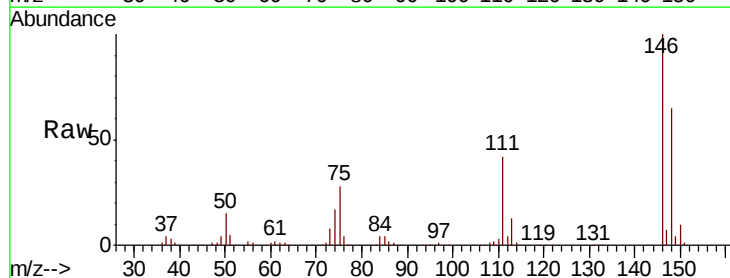
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

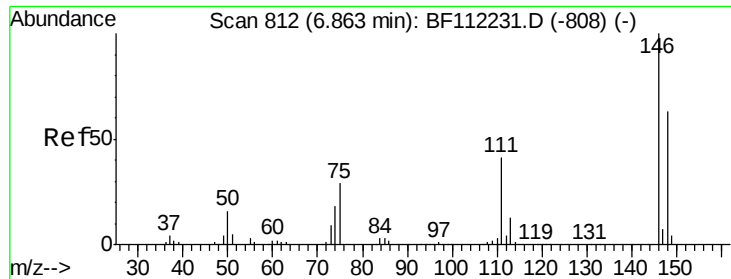
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	53.3	93.3
95	32.3	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 32.566 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	28.1	23.1	34.7

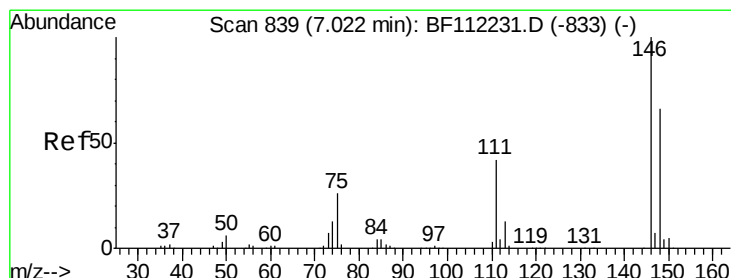
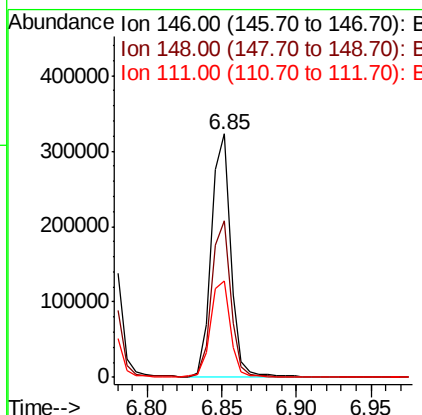
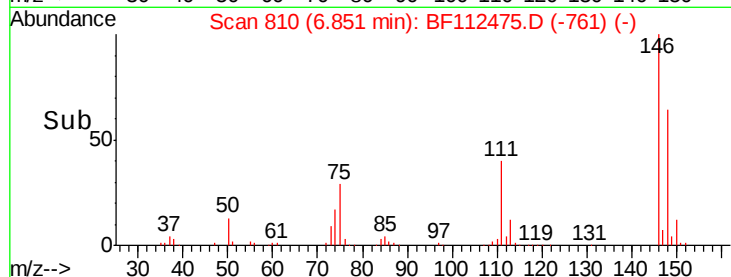
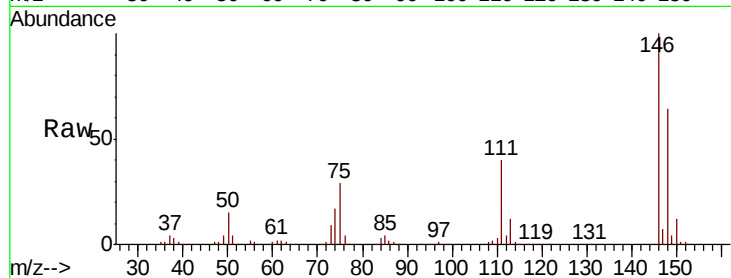




#13
 1,4-Dichlorobenzene
 Concen: 32.213 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

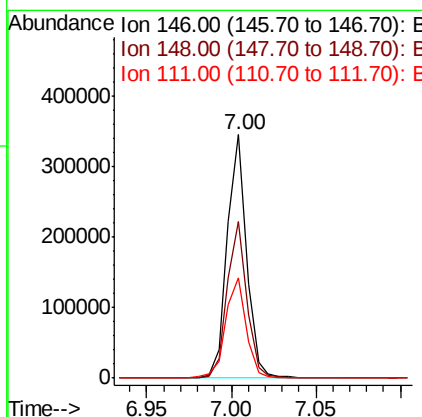
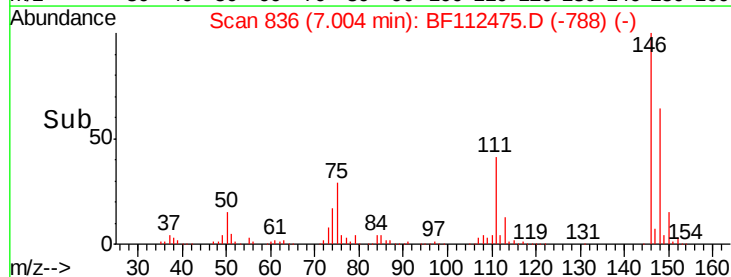
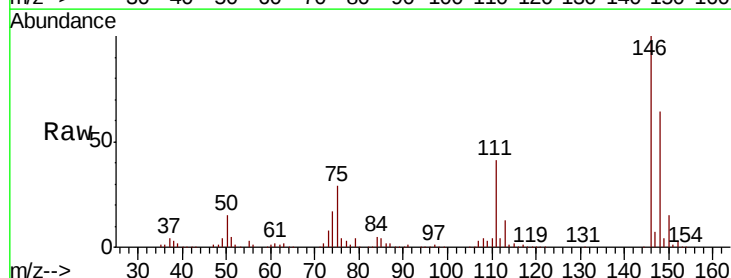
Instrument :
 BNA_F
 ClientSampled :
 98-SB-01-2-4MSD

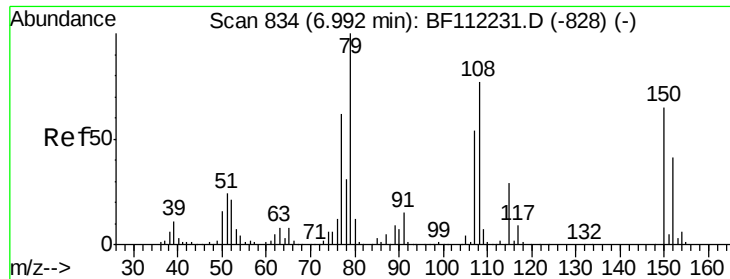
Tot Ion:146 Resp: 289972
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.0 78.0
 111 39.7 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 32.581 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion:146 Resp: 274588
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.4
 111 41.4 31.2 46.8

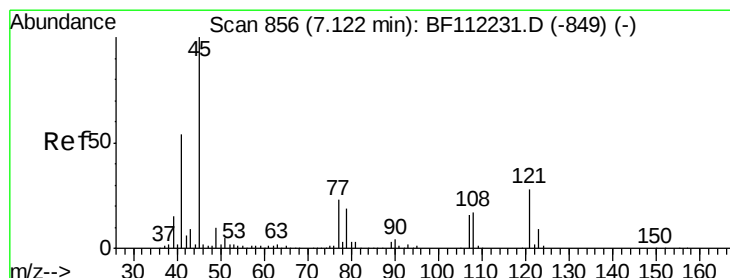
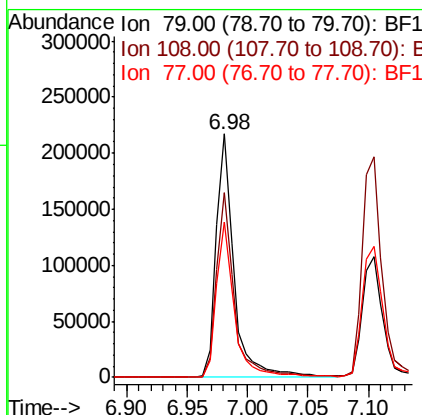
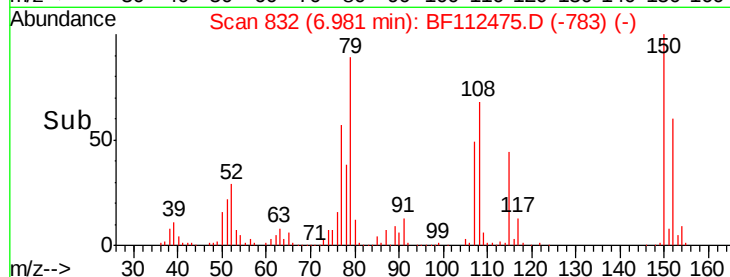
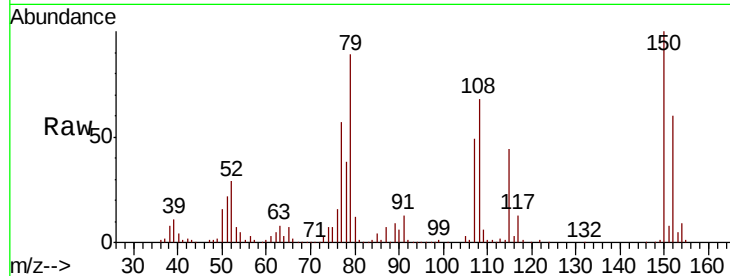




#15
Benzyl Alcohol
Concen: 33.592 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

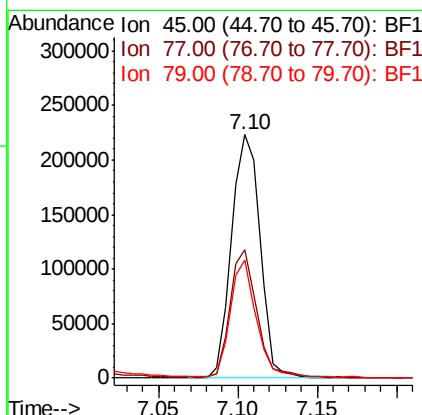
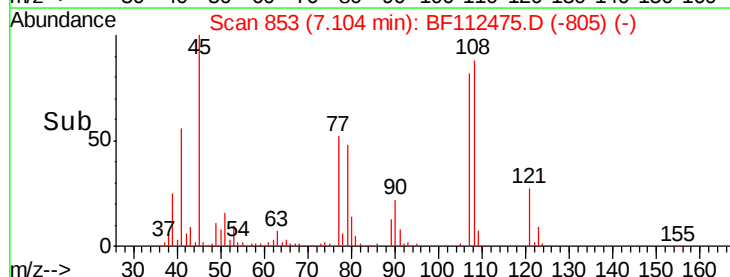
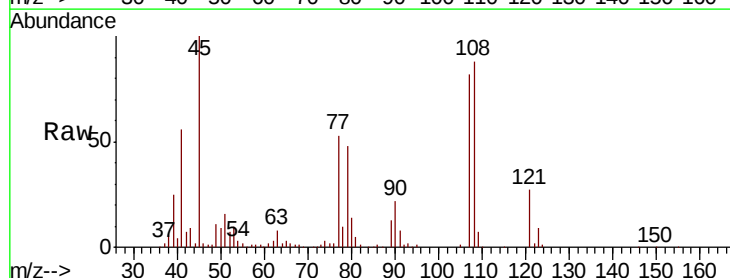
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

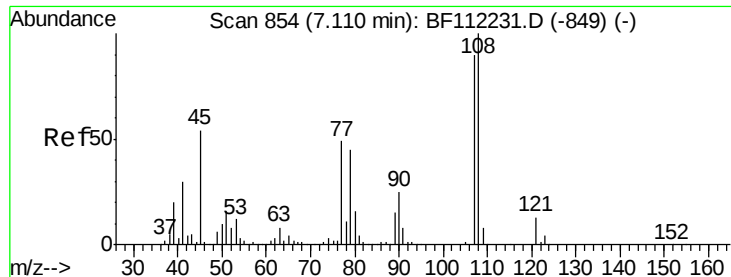
Tot Ion: 79 Resp: 219676
Ion Ratio Lower Upper
79 100
108 75.7 64.2 96.2
77 63.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.232 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion: 45 Resp: 277300
Ion Ratio Lower Upper
45 100
77 52.5 0.0 36.9#
79 48.4 0.0 34.0#

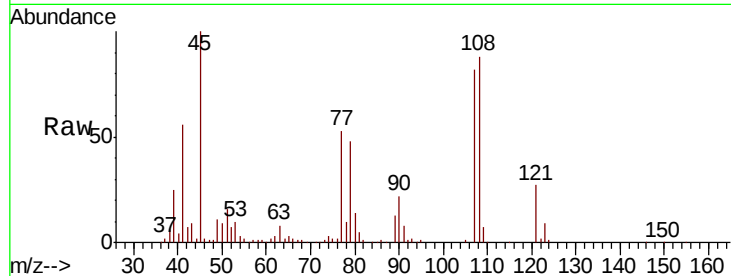




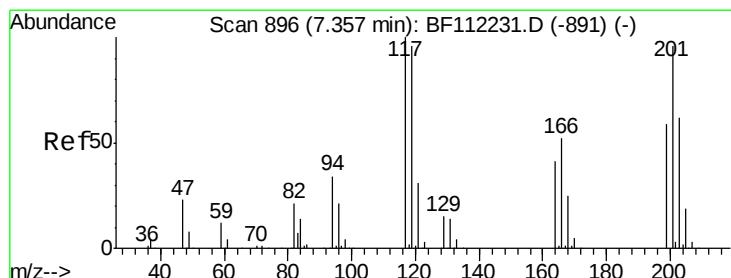
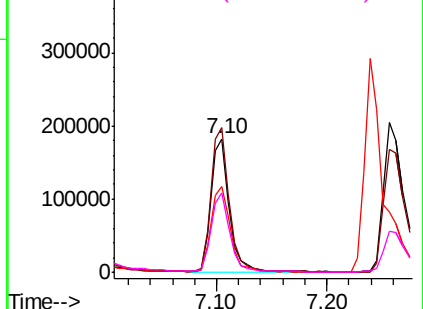
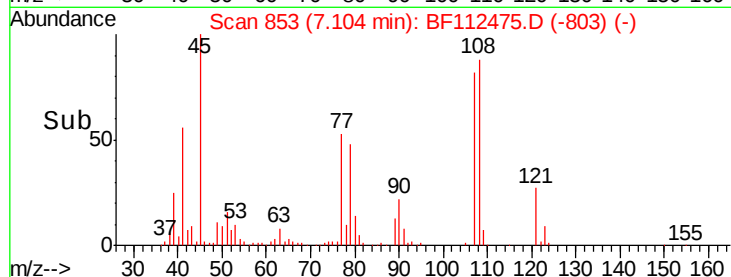
#17
2-Methylphenol
Concen: 34.110 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:107 Resp: 203074
Ion Ratio Lower Upper
107 100
108 108.1 91.3 136.9
77 64.4 39.0 58.6#
79 59.3 37.0 55.4#

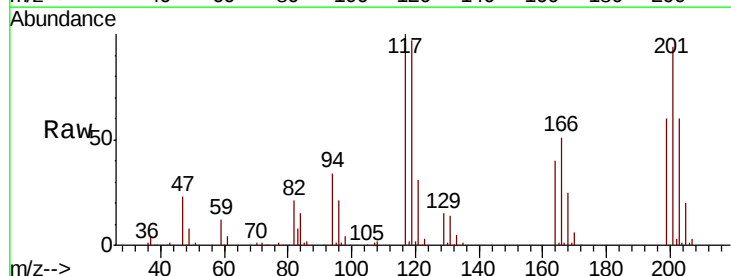


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

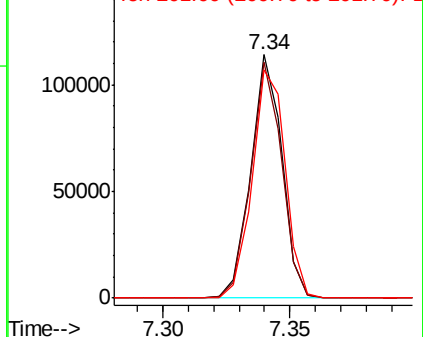
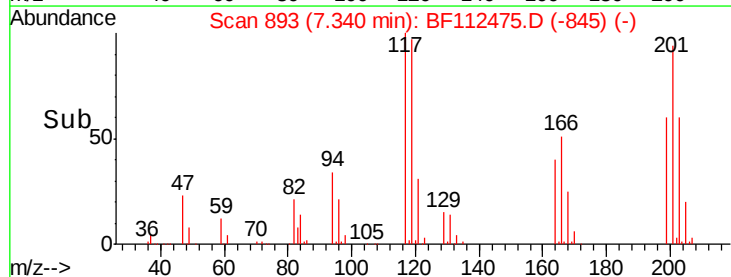


#18
Hexachloroethane
Concen: 30.899 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion:117 Resp: 97670
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.4
201 93.7 74.1 111.1



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

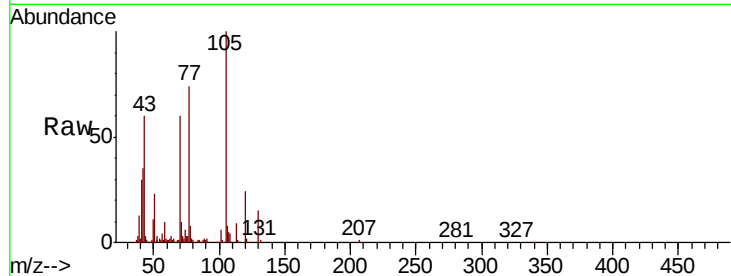




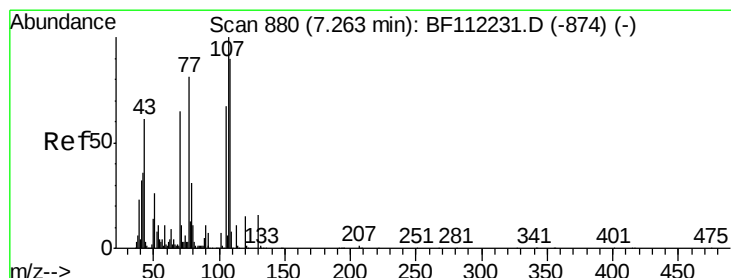
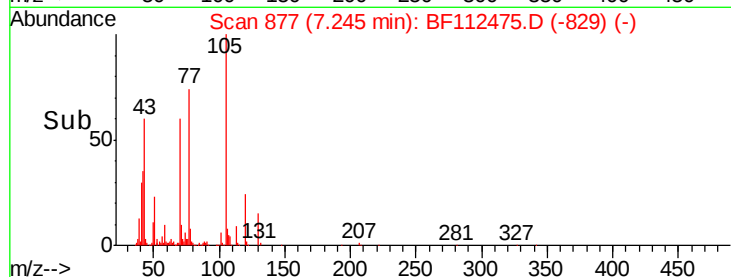
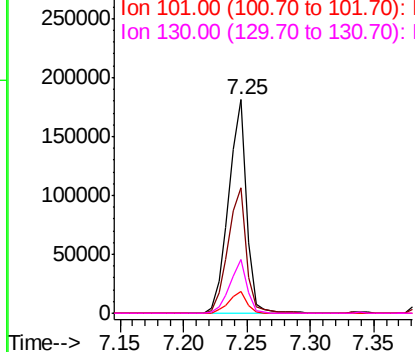
#19
n-Nitroso-di-n-propylamine
Concen: 33.137 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:	70	Resp:	177257
Ion	Ratio	Lower	Upper
70	100		
42	58.6	47.6	71.4
101	10.4	7.9	11.9
130	25.0	18.4	27.6

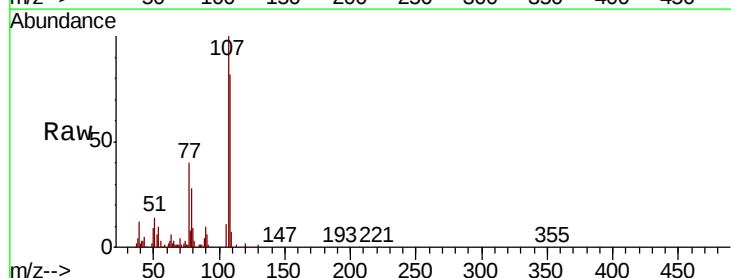


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

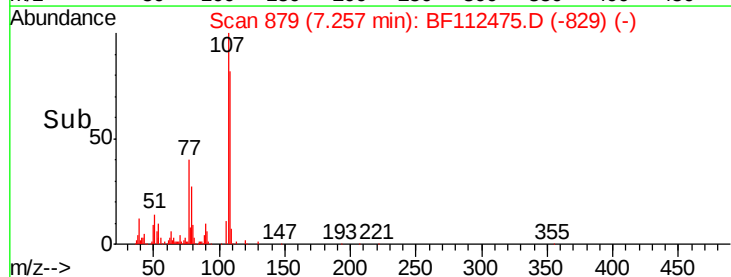
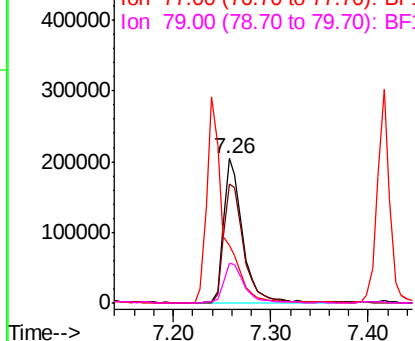


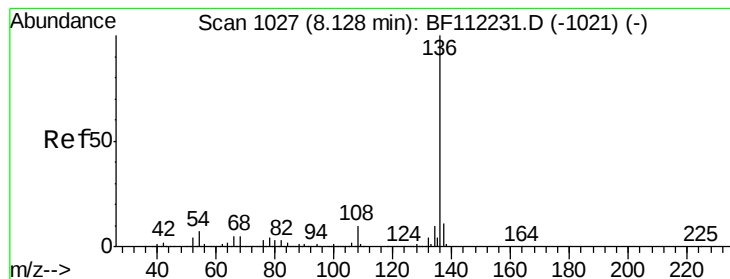
#20
3+4-Methylphenols
Concen: 35.695 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion:	107	Resp:	271751
Ion	Ratio	Lower	Upper
107	100		
108	82.1	68.2	108.2
77	40.3	100.7	140.7#
79	27.7	7.3	47.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:136 Resp: 460998

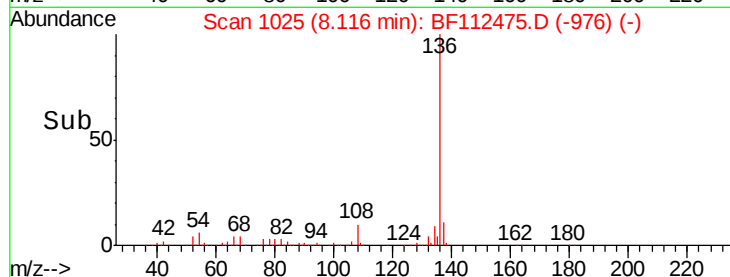
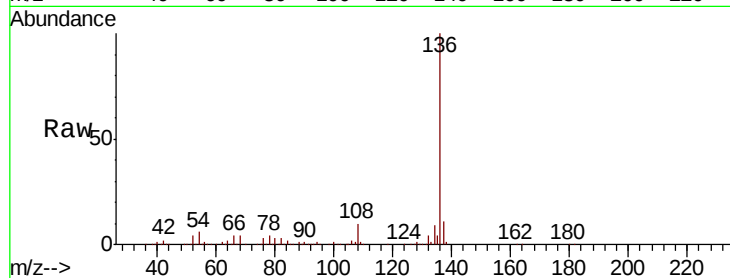
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.0 5.9 8.9

68 4.4 5.1 7.7#

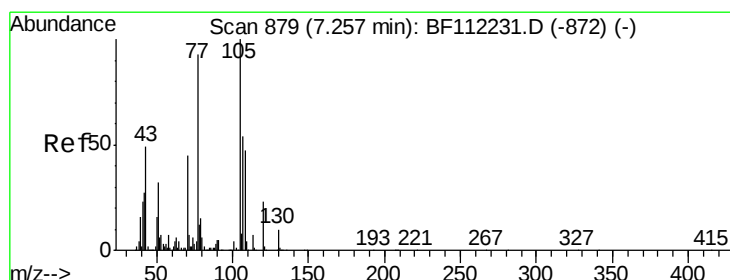
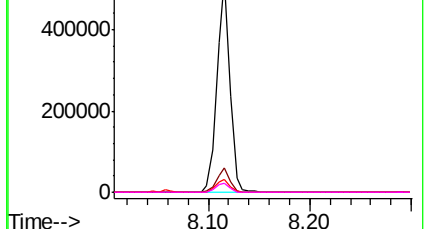


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.238 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion:105 Resp: 361887

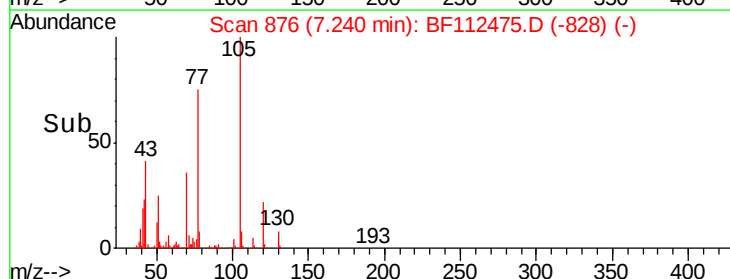
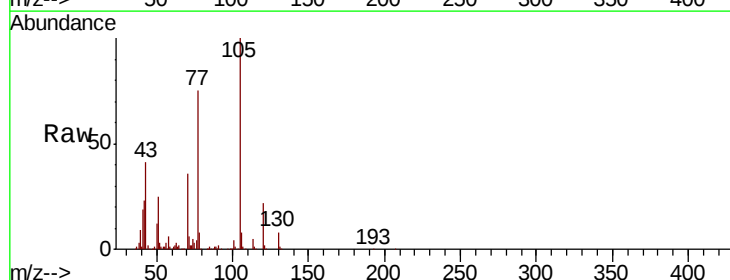
Ion Ratio Lower Upper

105 100

71 5.9 4.6 6.8

51 25.3 25.0 37.6

120 21.9 19.0 28.4

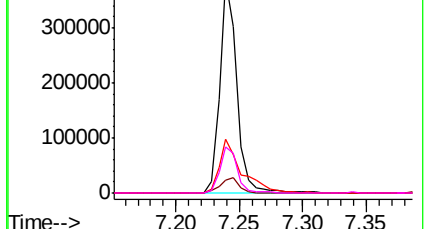


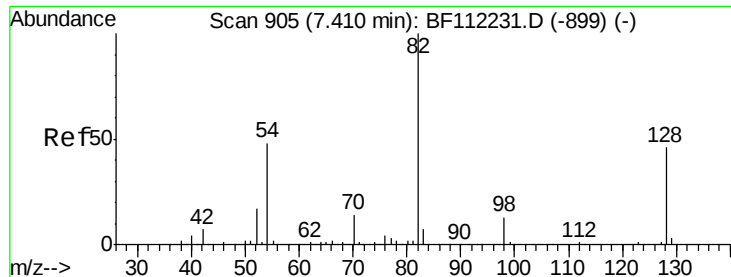
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

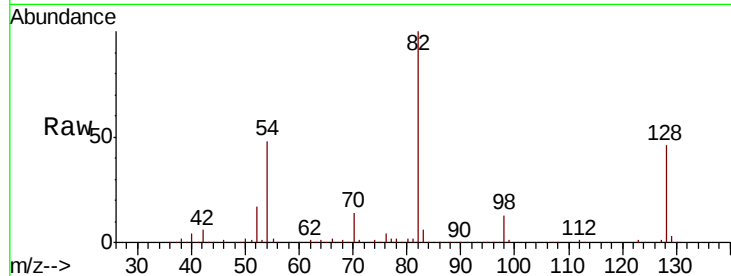




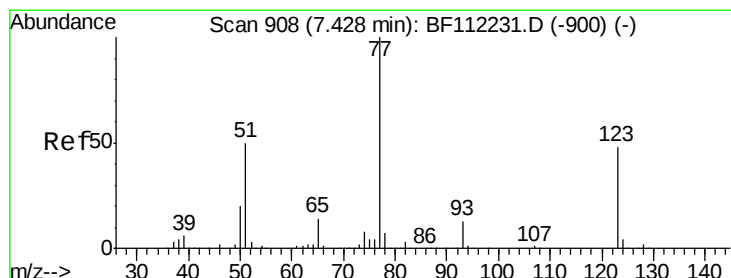
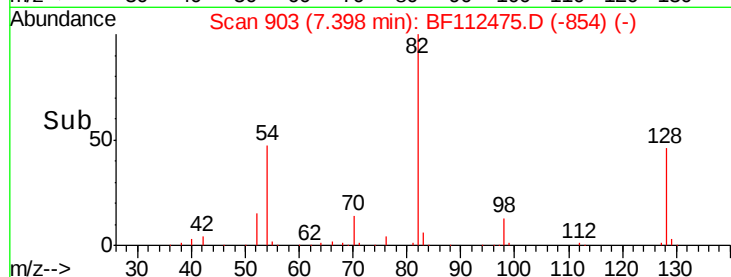
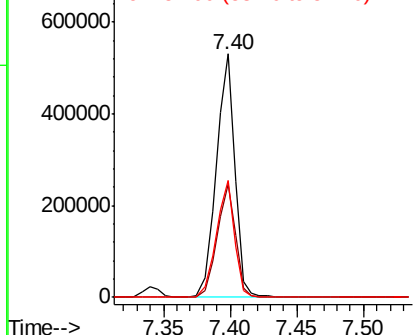
#23
 Nitrobenzene-d5
 Concen: 65.282 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion: 82 Resp: 522304
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.8 56.8
 54 48.0 39.7 59.5

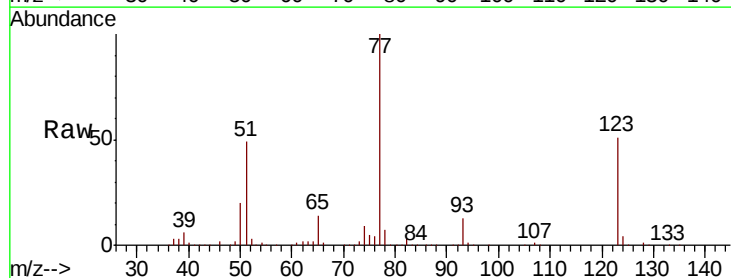


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

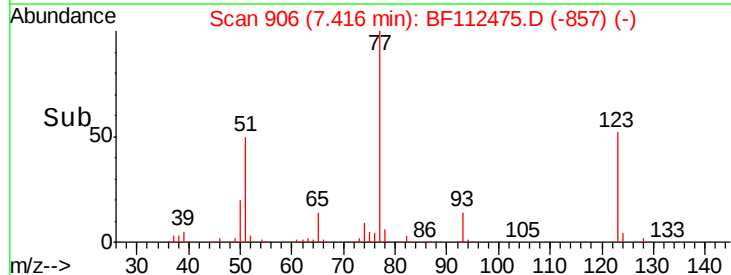
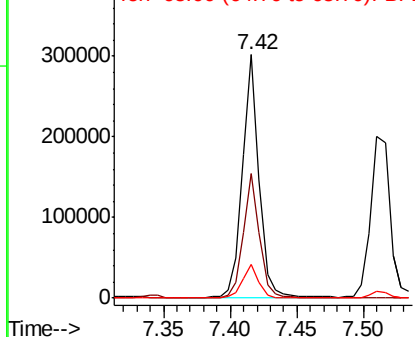


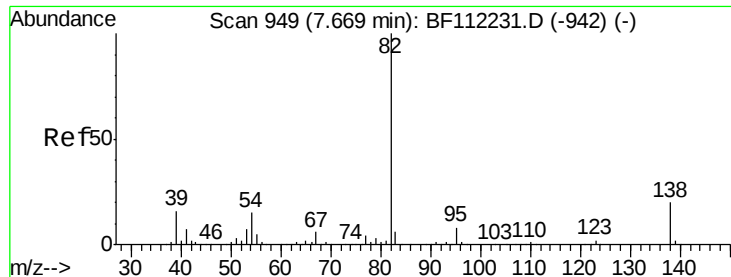
#24
 Nitrobenzene
 Concen: 32.727 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion: 77 Resp: 261499
 Ion Ratio Lower Upper
 77 100
 123 51.1 38.4 57.6
 65 14.0 10.6 15.8



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: 37.085 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

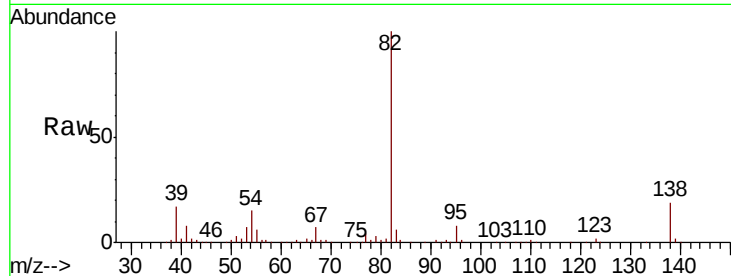
Tot Ion: 82 Resp: 465464

Ion Ratio Lower Upper

82 100

95 7.9 5.7 8.5

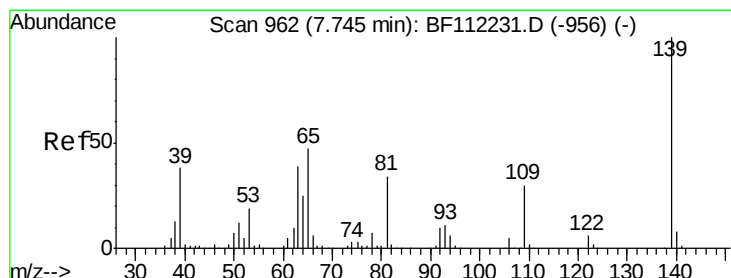
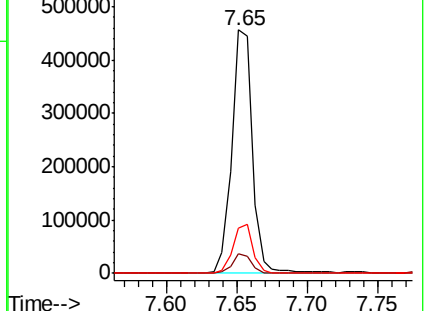
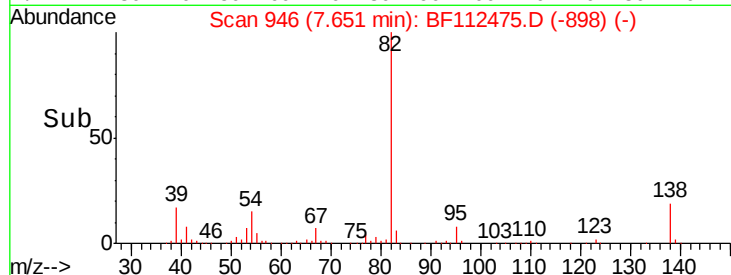
138 18.8 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 28.131 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

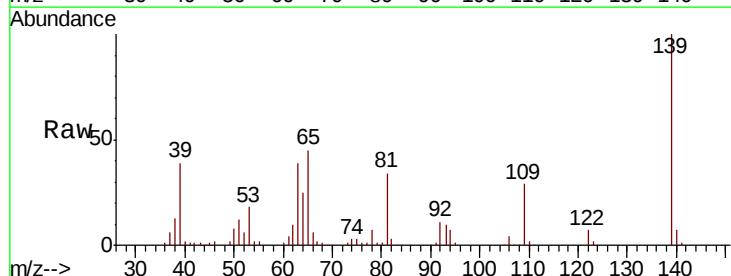
Tgt Ion: 139 Resp: 120123

Ion Ratio Lower Upper

139 100

109 29.0 20.8 31.2

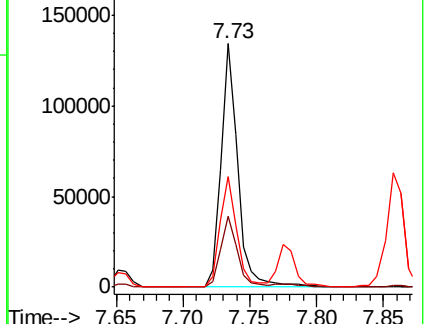
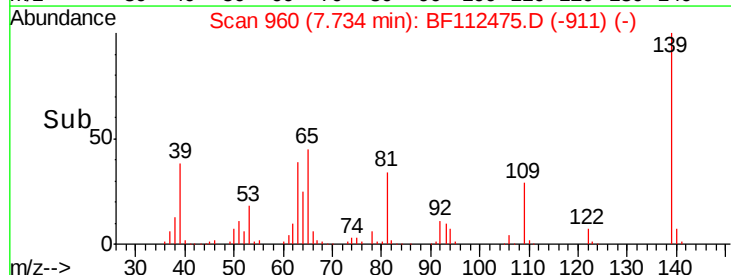
65 45.2 34.4 51.6

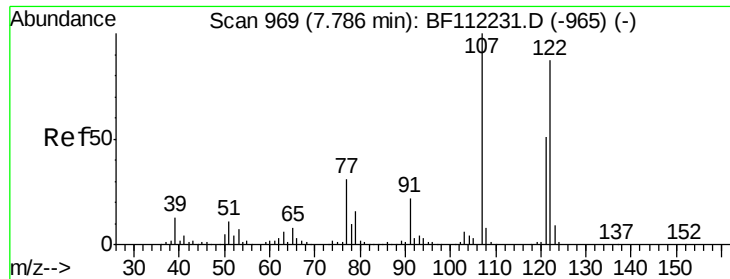


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.498 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

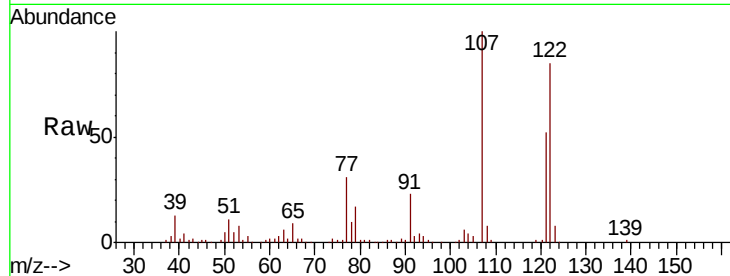
Tot Ion:122 Resp: 220609

Ion Ratio Lower Upper

122 100

107 117.2 85.4 128.0

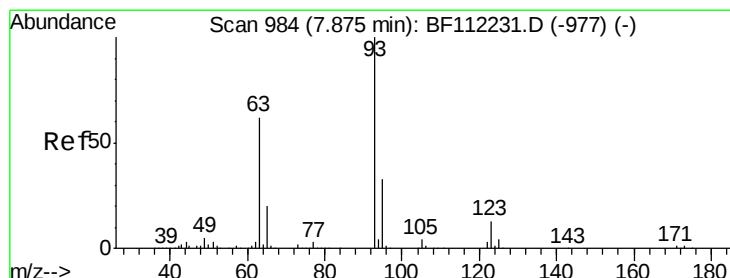
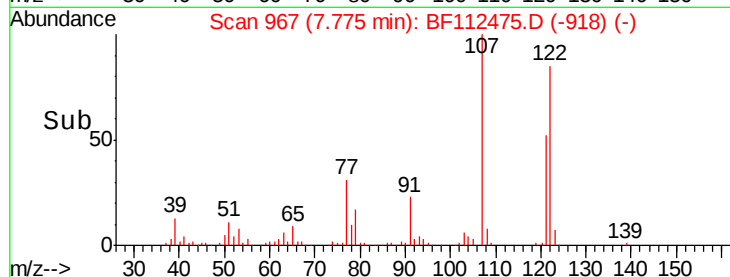
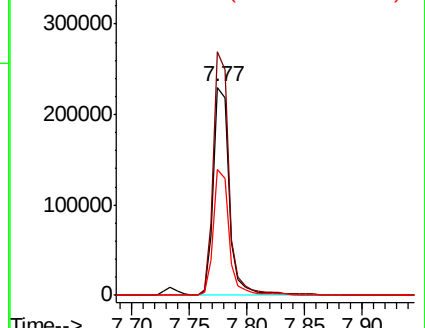
121 60.6 47.0 70.4



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: 33.715 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

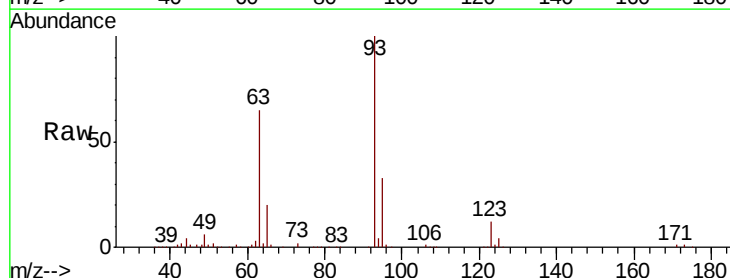
Tgt Ion: 93 Resp: 288142

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

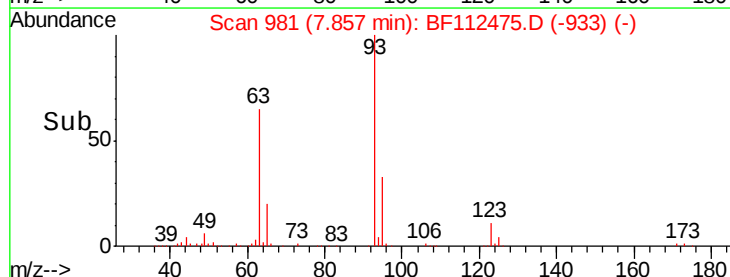
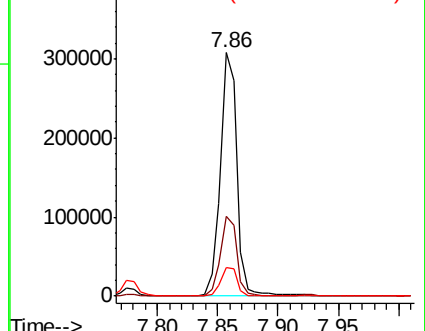
123 11.6 10.2 15.2

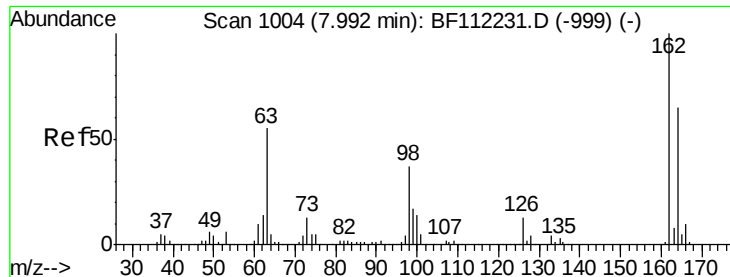


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

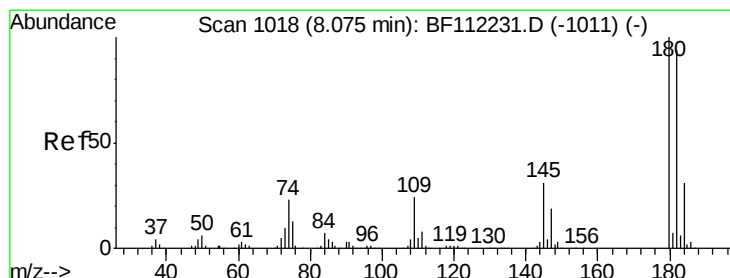
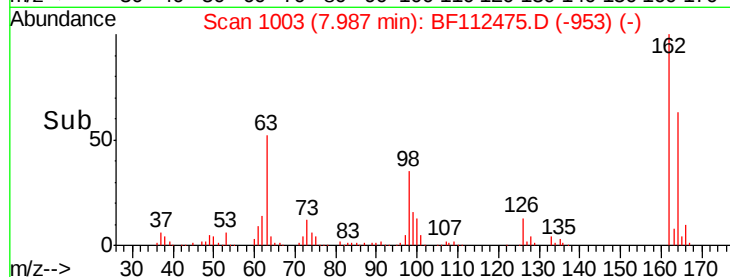
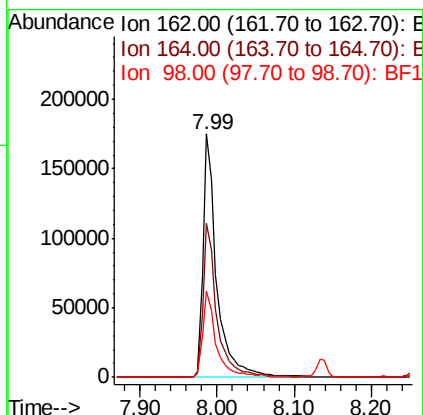
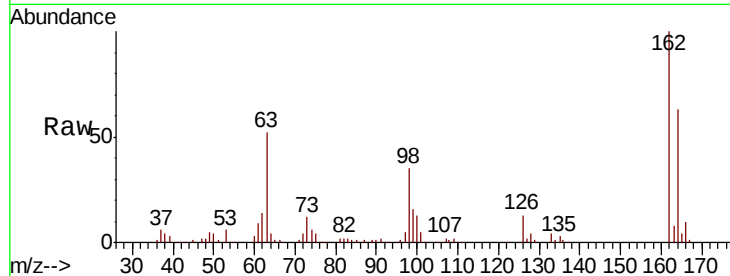




#29
 2,4-Dichlorophenol
 Concen: 33.012 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

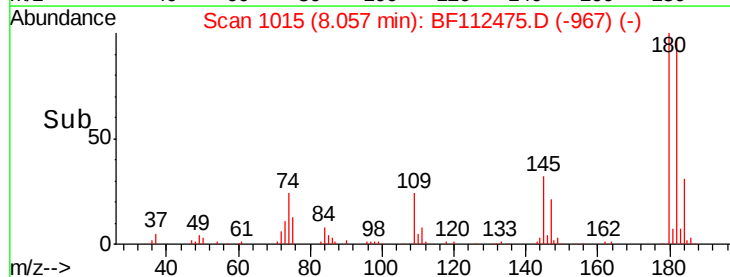
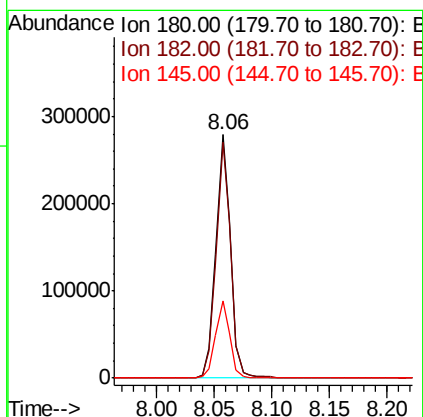
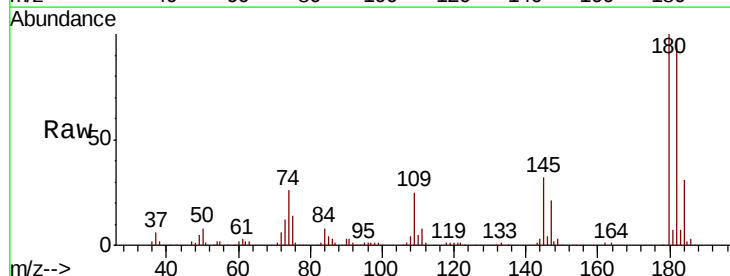
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

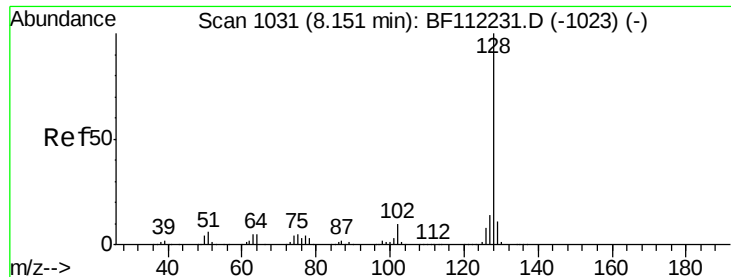
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	35.3	14.6	54.6



#30
 1,2,4-Trichlorobenzene
 Concen: 32.329 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.4	114.6
145	31.9	25.0	37.4





#31

Naphthalene

Concen: 35.886 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

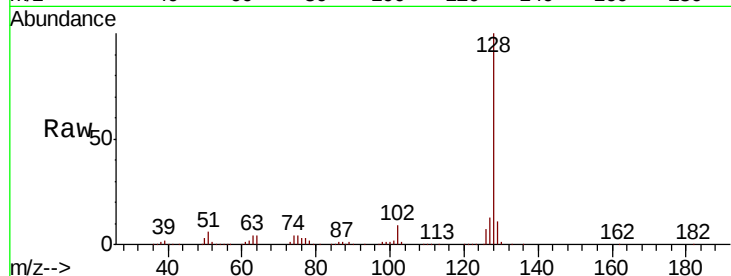
Tot Ion:128 Resp: 773641

Ion Ratio Lower Upper

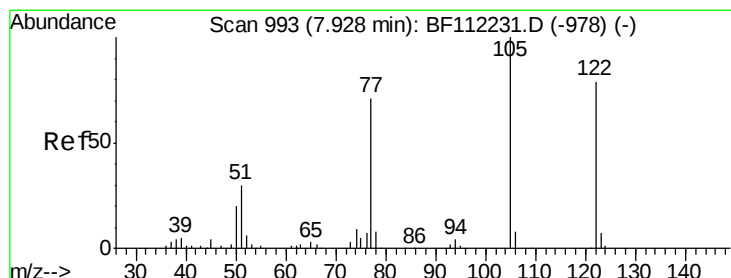
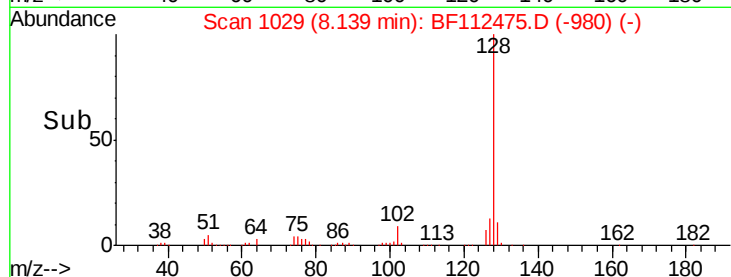
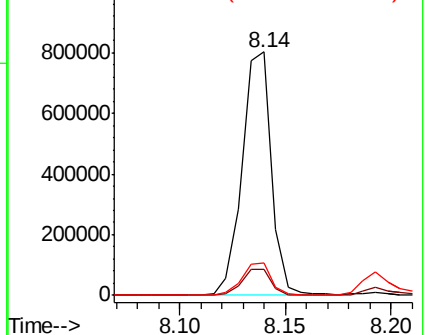
128 100

129 10.6 9.6 14.4

127 13.4 11.1 16.7



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: 65.737 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.15 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

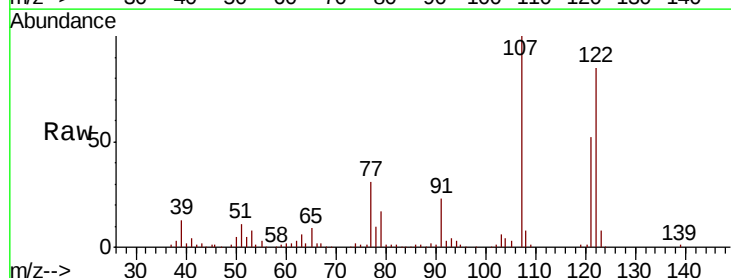
Tgt Ion:122 Resp: 220609

Ion Ratio Lower Upper

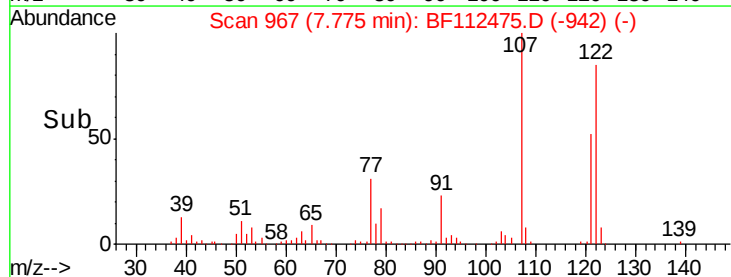
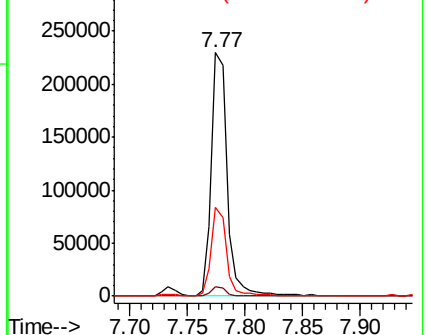
122 100

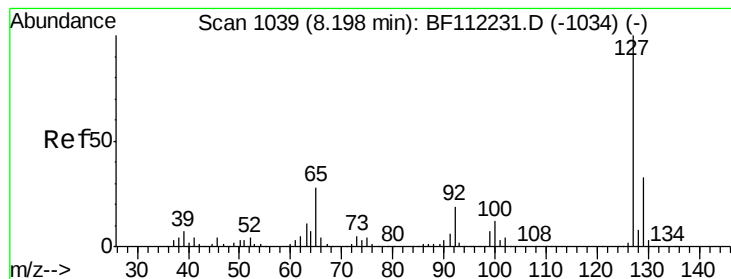
105 4.0 101.2 141.2#

77 36.6 70.4 110.4#



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: 9.834 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:127 Resp: 92310

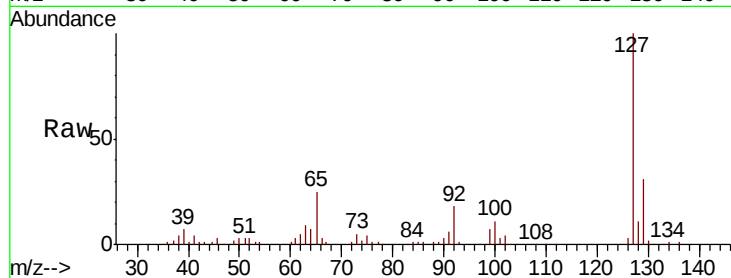
Ion Ratio Lower Upper

127 100

129 31.4 26.6 39.8

65 24.5 21.4 32.2

92 18.2 14.2 21.2

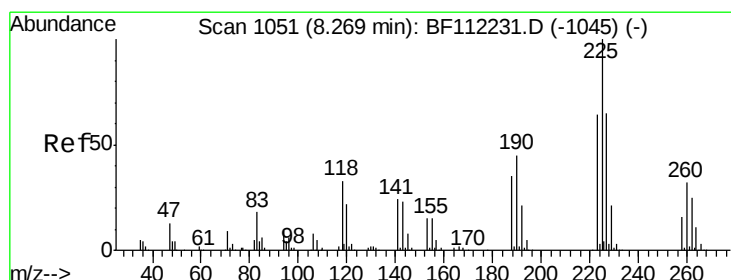
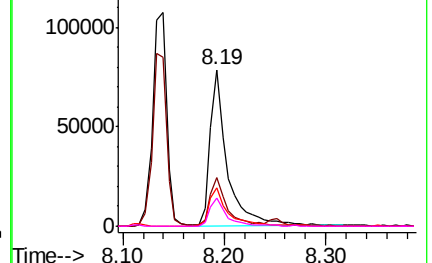
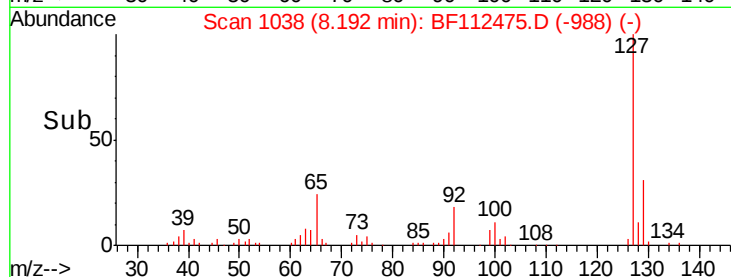


Abundance Ion 127.00 (126.70 to 127.70): E

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: 31.040 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

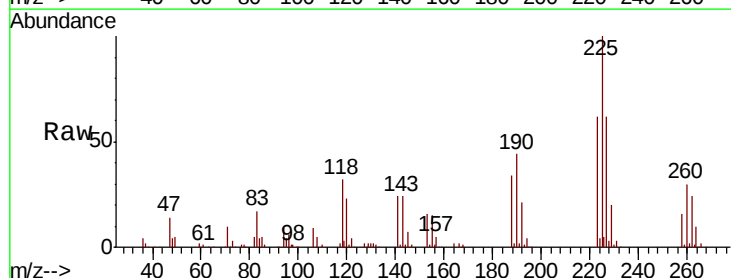
Tgt Ion:225 Resp: 137849

Ion Ratio Lower Upper

225 100

223 62.4 50.3 75.5

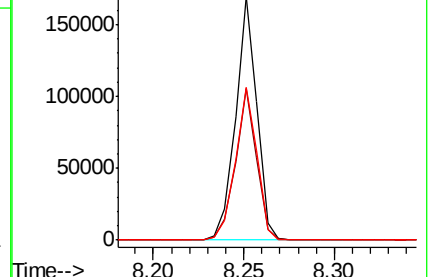
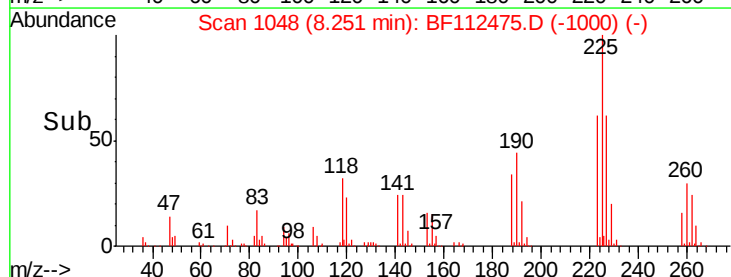
227 62.5 51.8 77.8

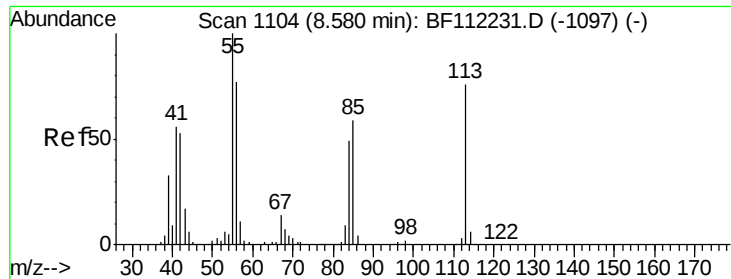


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

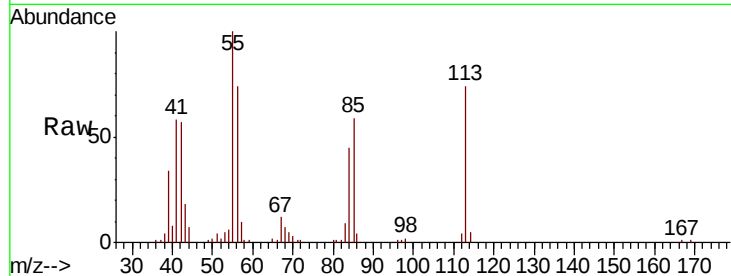




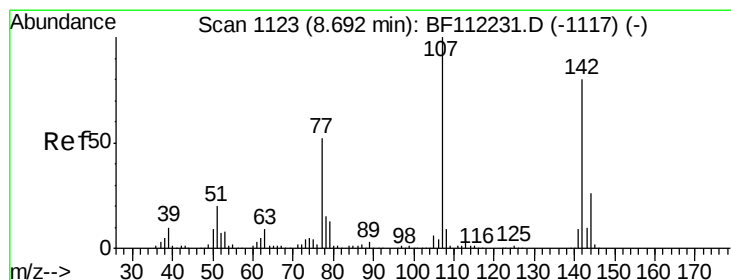
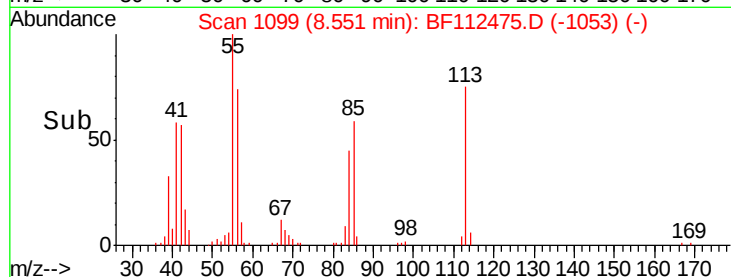
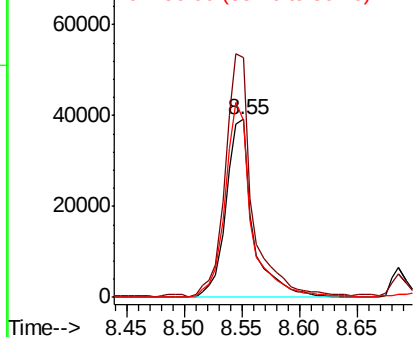
#35
 Caprolactam
 Concen: 27.250 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.03 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion:113 Resp: 63291
 Ion Ratio Lower Upper
 113 100
 55 134.7 121.6 161.6
 56 99.3 86.7 126.7

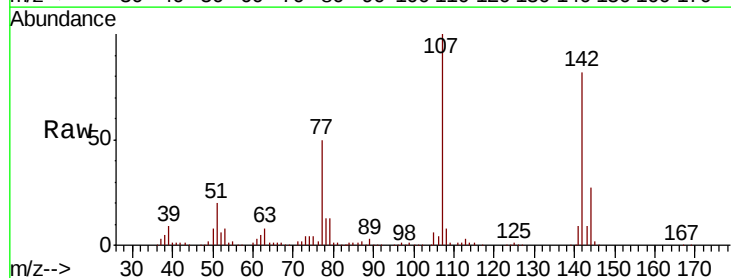


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

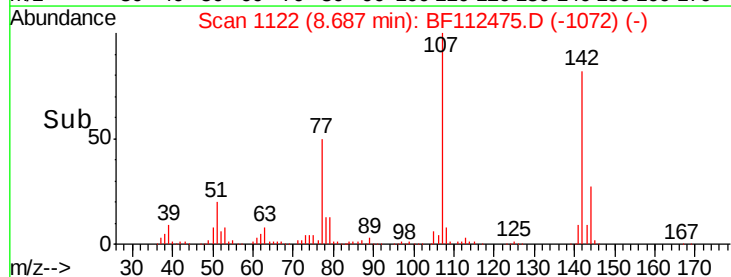
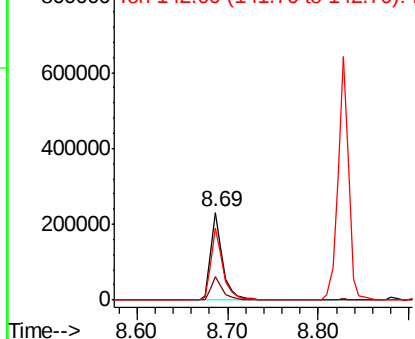


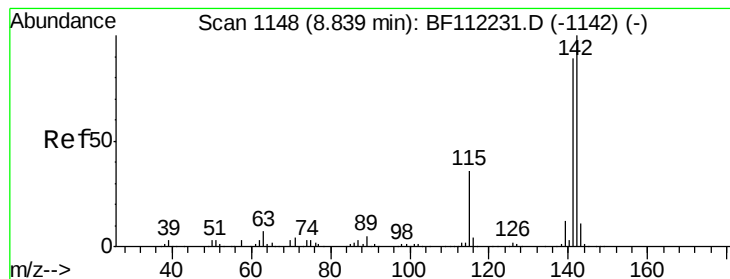
#36
 4-Chloro-3-methylphenol
 Concen: 31.507 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion:107 Resp: 219593
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.2 33.2
 142 82.5 67.7 101.5



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





#37

2-Methylnaphthalene

Concen: 36.252 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

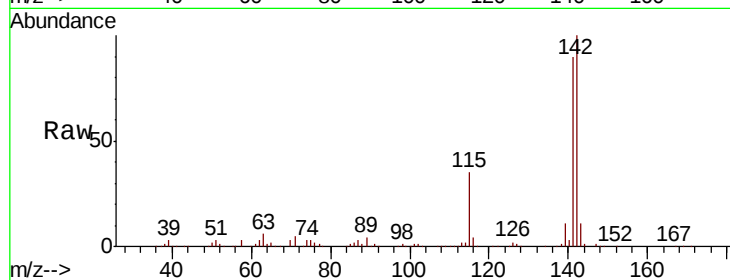
Tot Ion:142 Resp: 535024

Ion Ratio Lower Upper

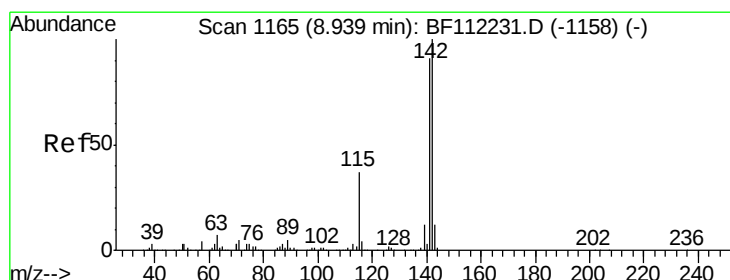
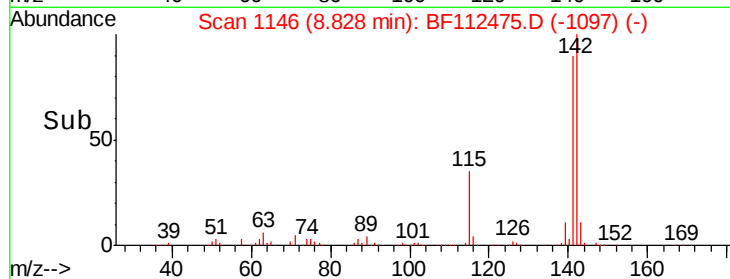
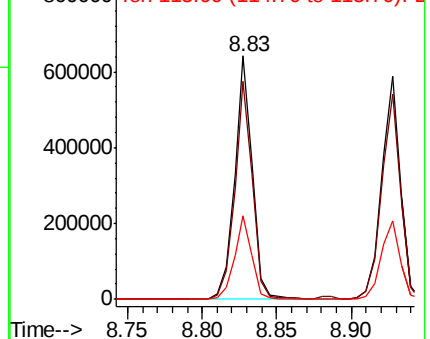
142 100

141 89.7 70.9 106.3

115 34.5 24.9 37.3



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: 35.413 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

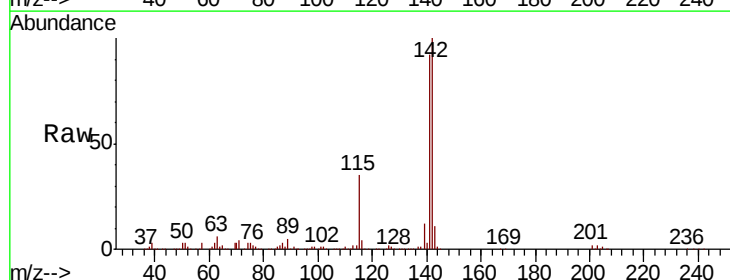
Tgt Ion:142 Resp: 500937

Ion Ratio Lower Upper

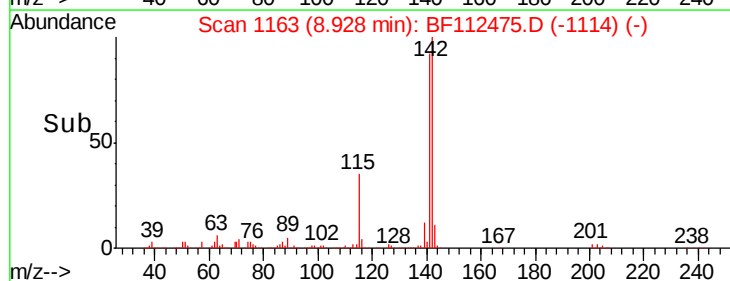
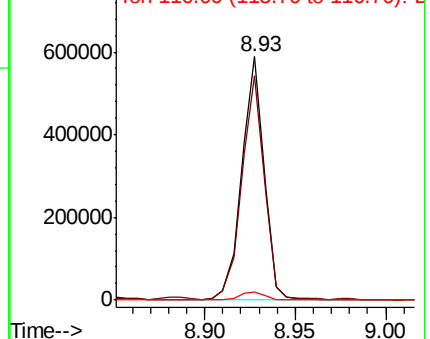
142 100

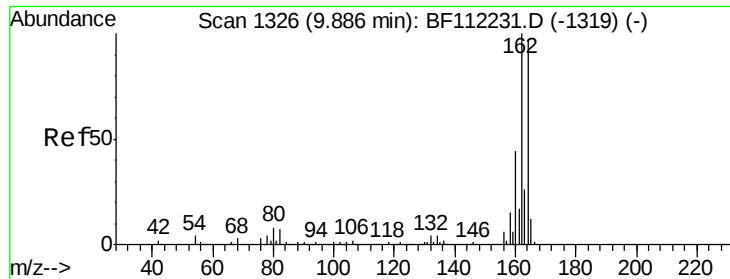
141 92.1 72.6 108.8

116 3.5 2.8 4.2



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

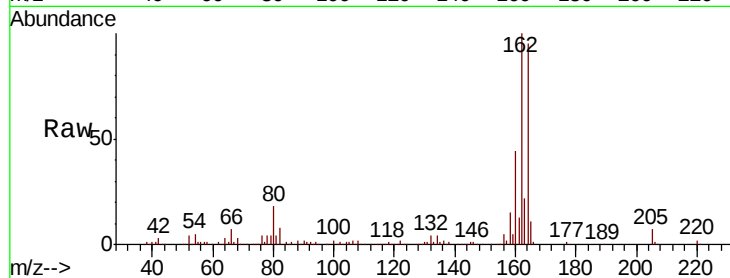




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion:	164	Resp:	218107
Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.2	123.4
160	45.7	36.2	54.4

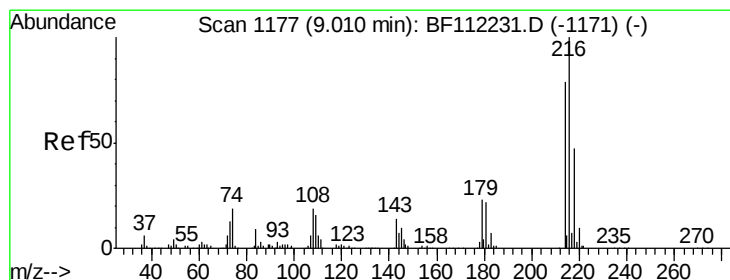
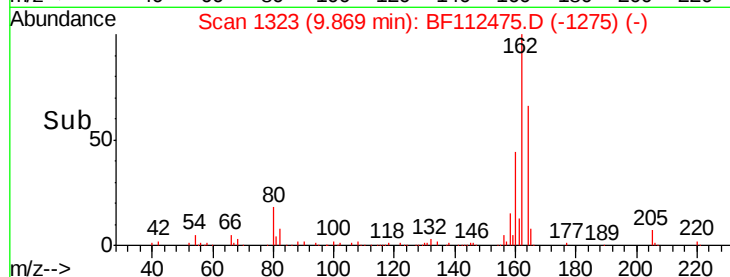
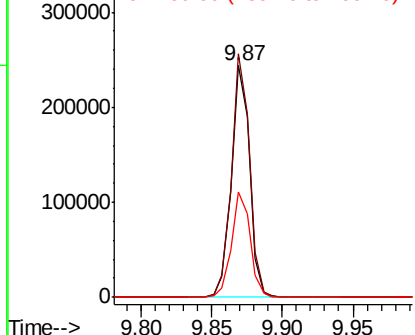


Abundance

Ion 164.00 (163.70 to 164.70): E

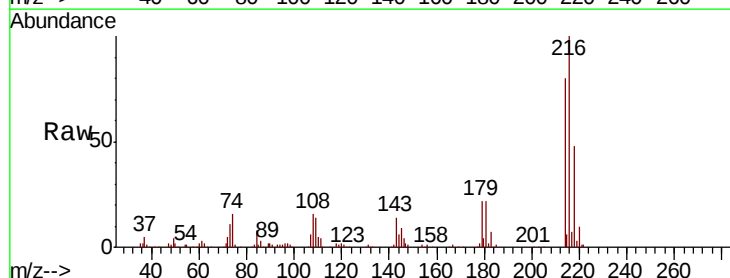
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.514 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion:	216	Resp:	240001
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	22.2	16.9	25.3
108	16.9	14.2	21.4



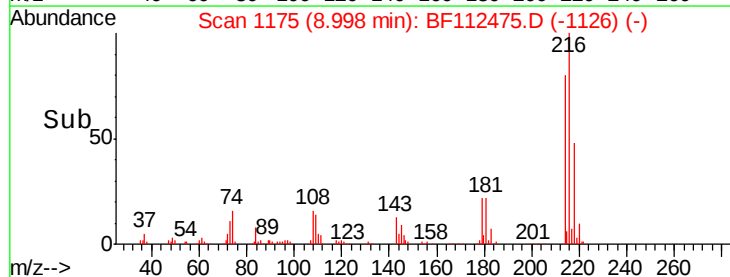
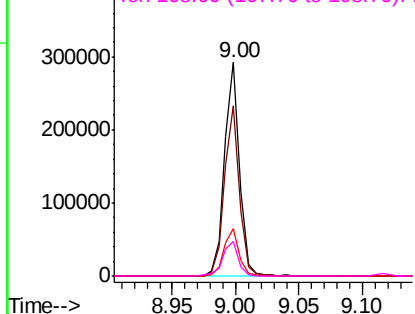
Abundance

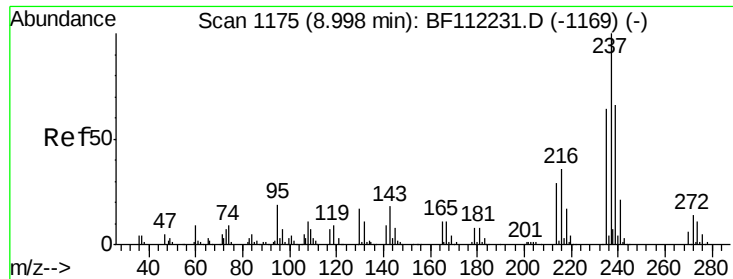
Ion 216.00 (215.70 to 216.70): E

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: 19.010 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

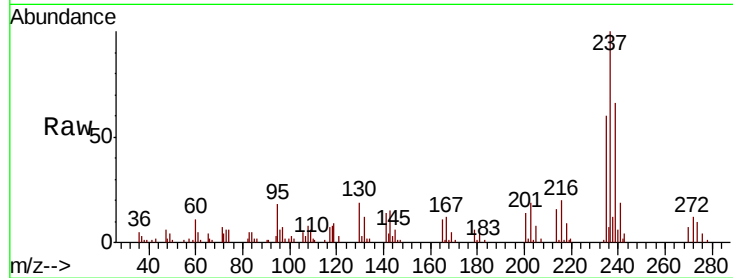
Tot Ion:237 Resp: 29277

Ion Ratio Lower Upper

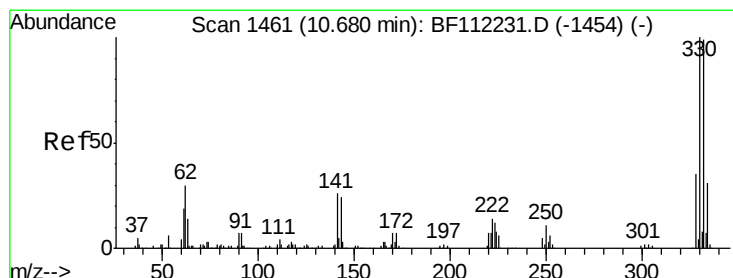
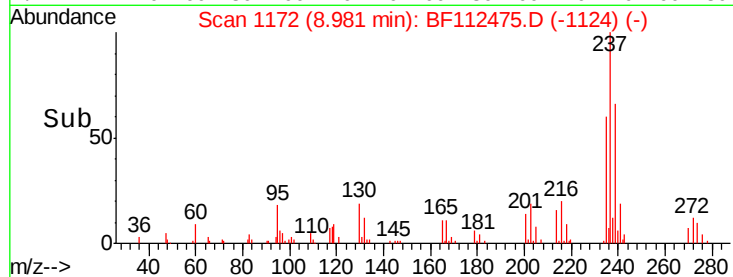
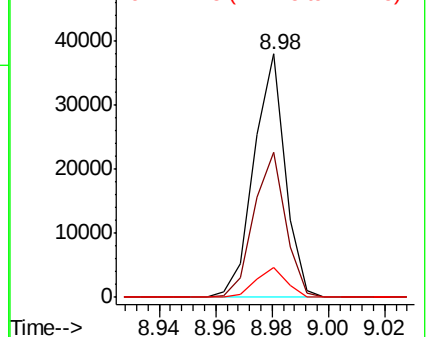
237 100

235 59.6 44.0 84.0

272 12.4 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 78.216 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

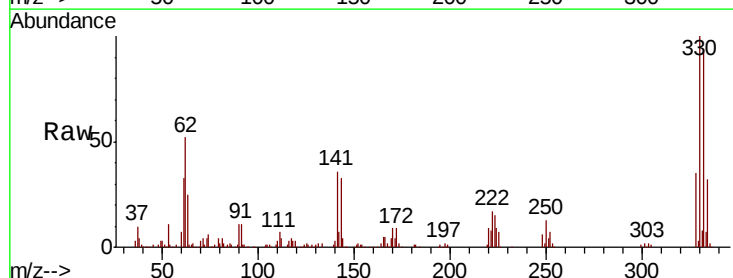
Tgt Ion:330 Resp: 198568

Ion Ratio Lower Upper

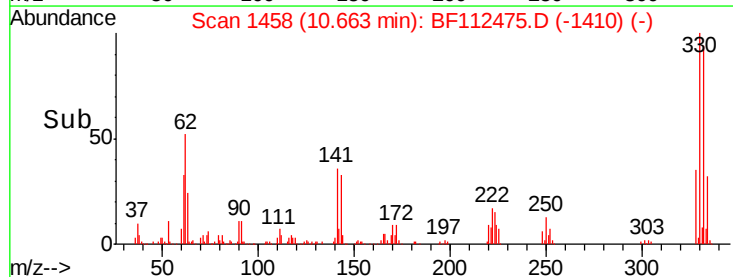
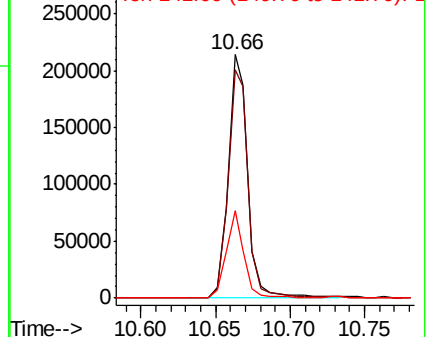
330 100

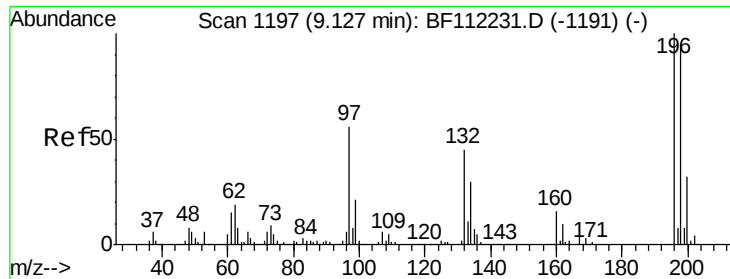
332 97.0 76.6 114.8

141 32.7 24.3 36.5



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

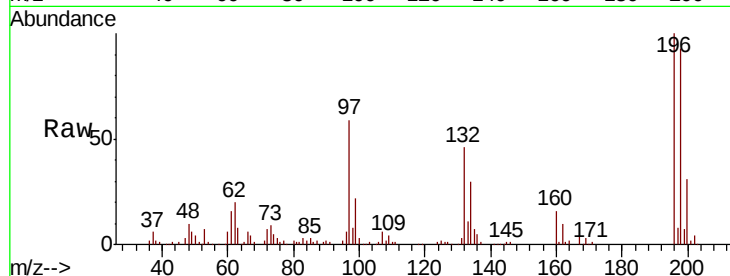




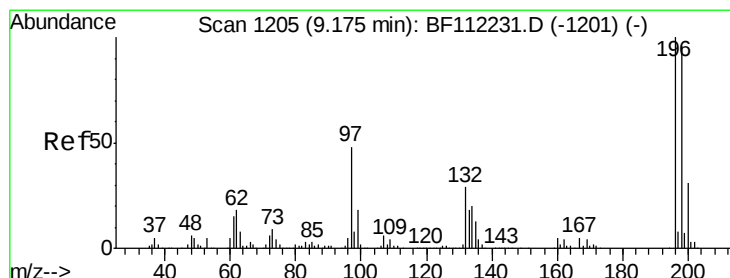
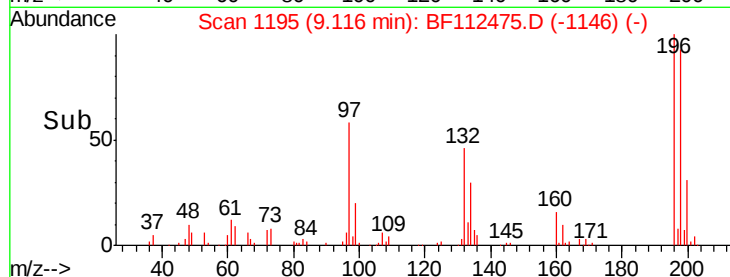
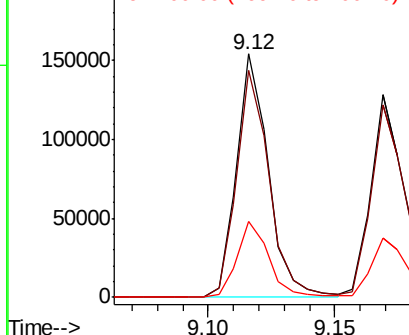
#43
 2,4,6-Trichlorophenol
 Concen: 30.652 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion:196 Resp: 135308
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.2 114.4
 200 31.1 24.3 36.5

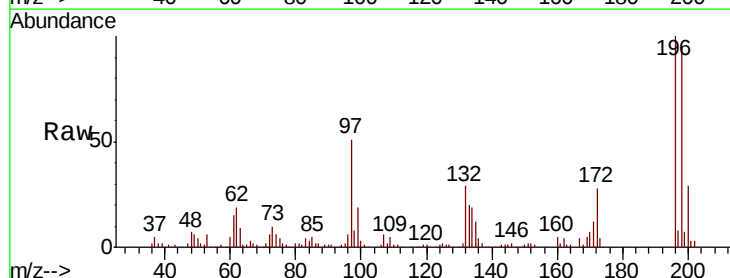


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

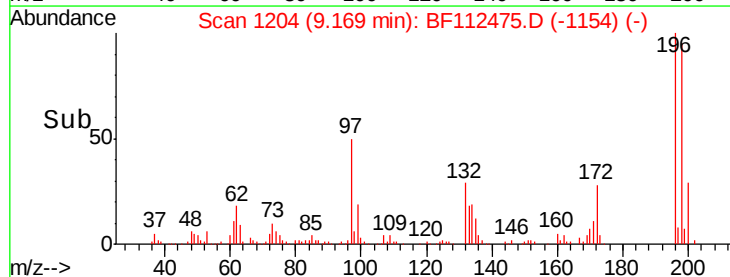
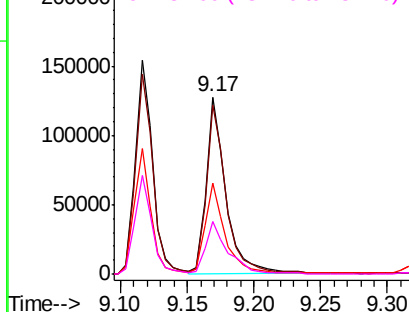


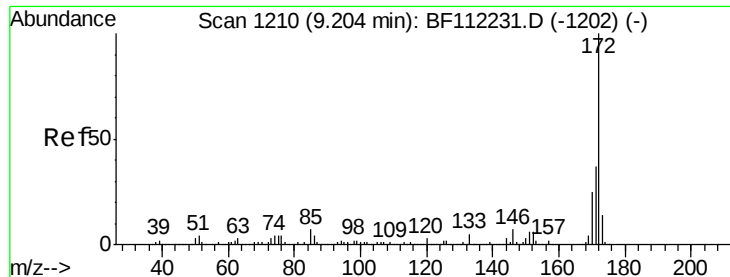
#44
 2,4,5-Trichlorophenol
 Concen: 28.356 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion:196 Resp: 130821
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.0 114.0
 97 51.0 36.4 54.6
 132 29.4 21.5 32.3



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

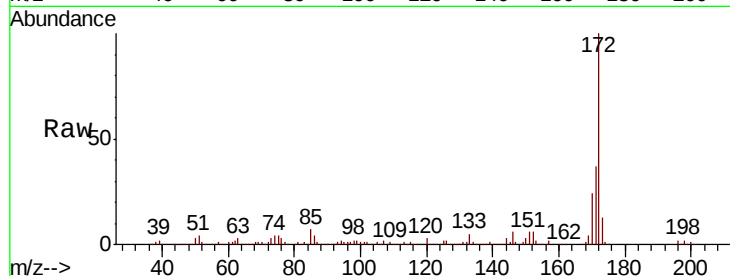




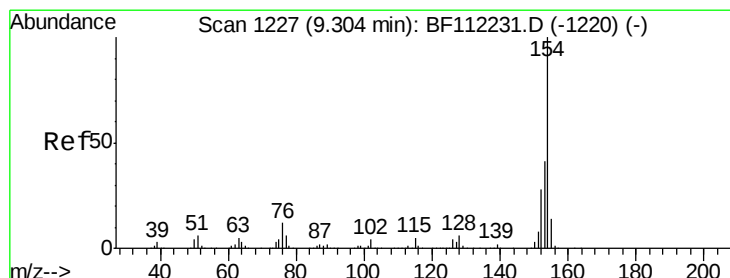
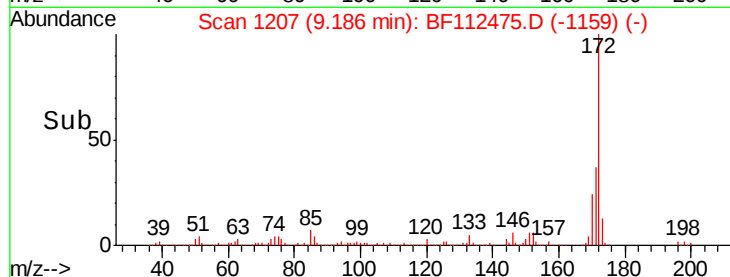
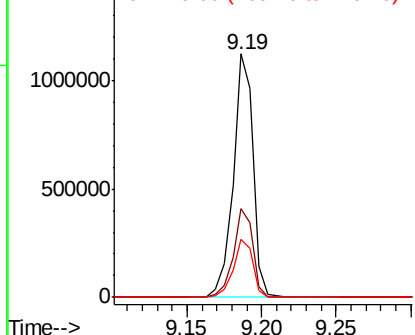
#45
2-Fluorobiphenyl
Concen: 68.205 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:172 Resp: 1051798
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 23.6 20.2 30.4

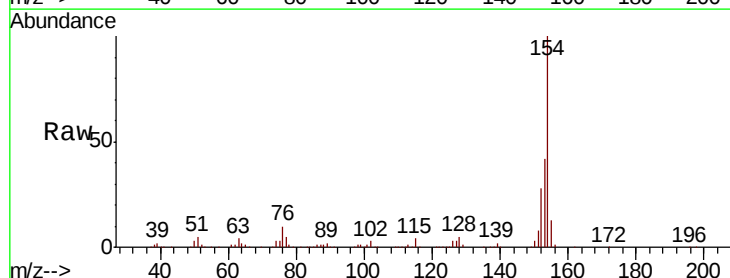


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

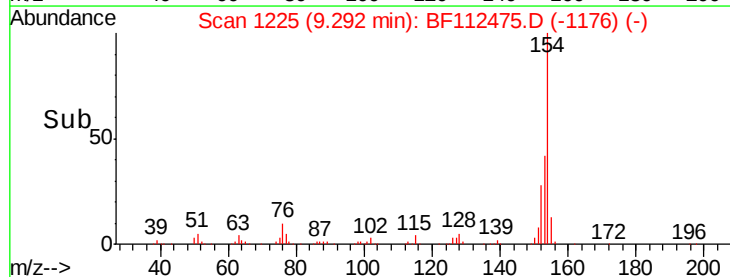
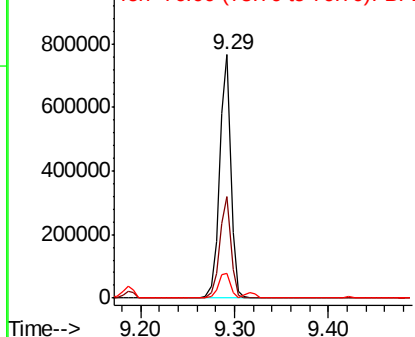


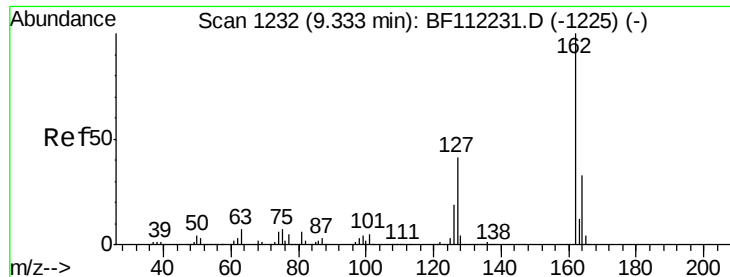
#46
1,1'-Biphenyl
Concen: 33.627 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion:154 Resp: 641192
Ion Ratio Lower Upper
154 100
153 41.6 21.5 61.5
76 10.1 0.0 33.1



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

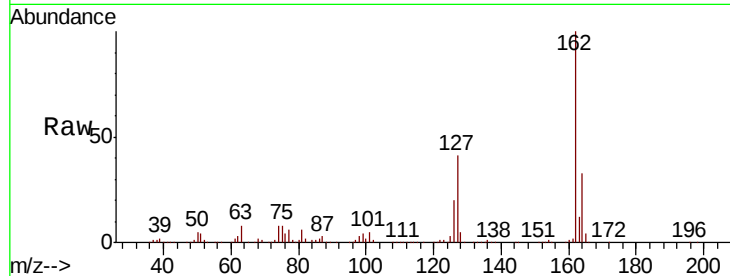




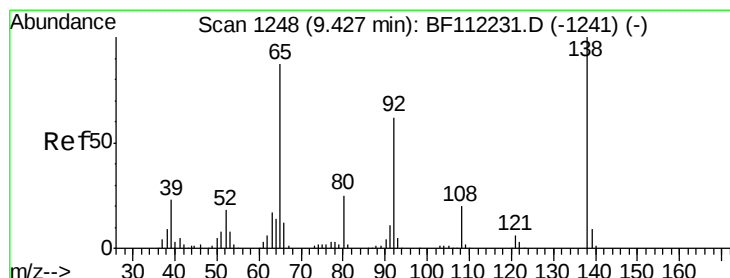
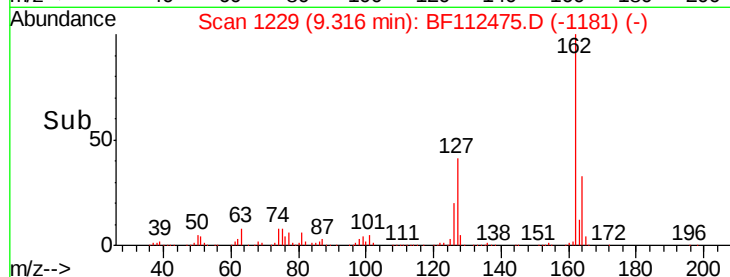
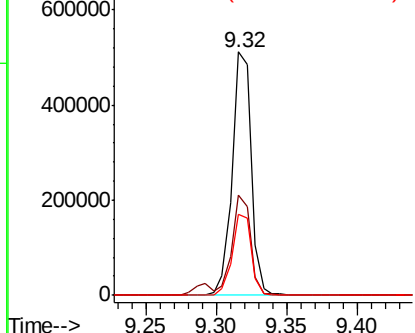
#47
2-Chloronaphthalene
Concen: 32.788 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	30.4	45.6
164	33.2	27.4	41.2

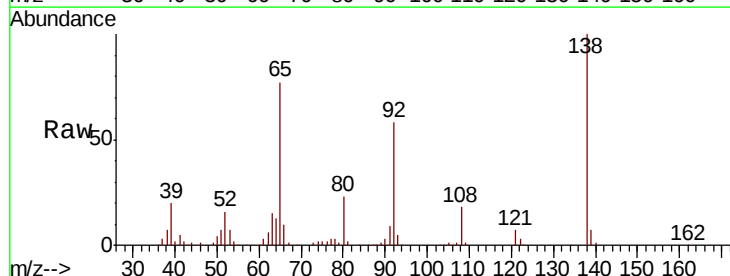


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

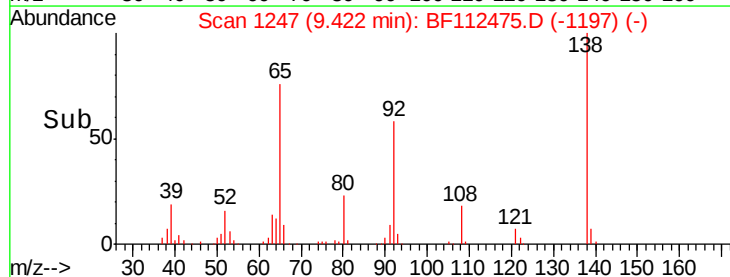
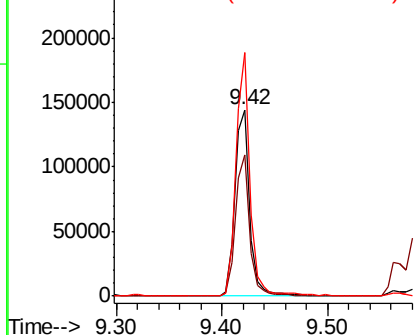


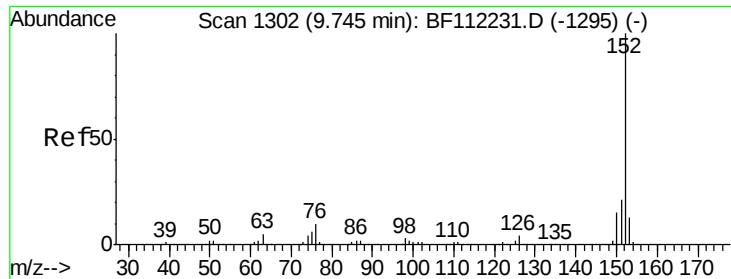
#48
2-Nitroaniline
Concen: 34.152 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	60.4	90.6
138	130.6	104.4	156.6



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: 35.947 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

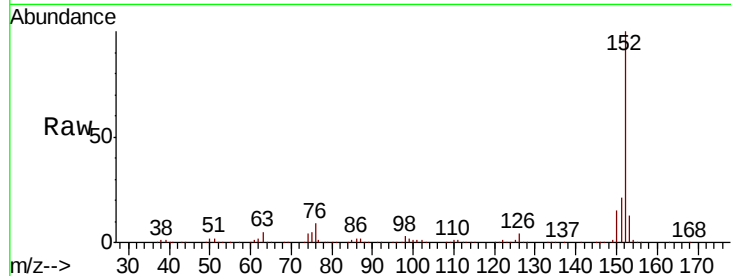
Tot Ion:152 Resp: 779060

Ion Ratio Lower Upper

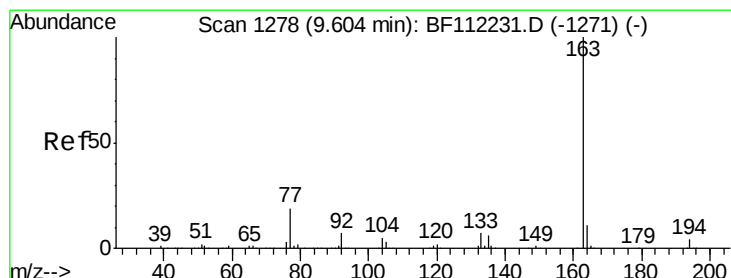
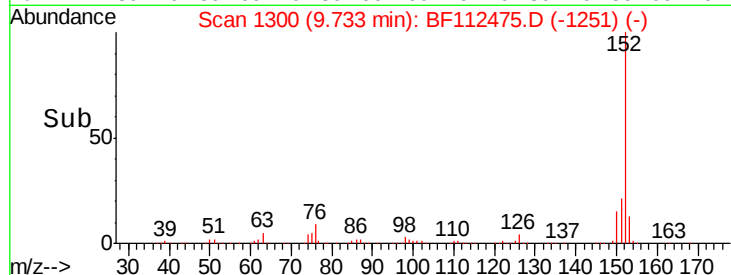
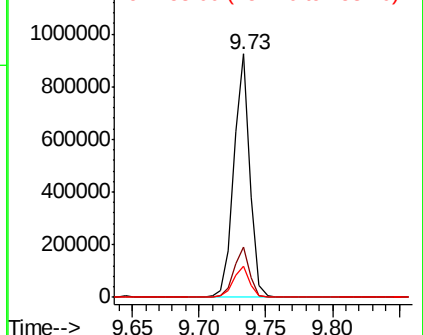
152 100

151 20.9 17.0 25.6

153 13.0 11.2 16.8



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: 37.869 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

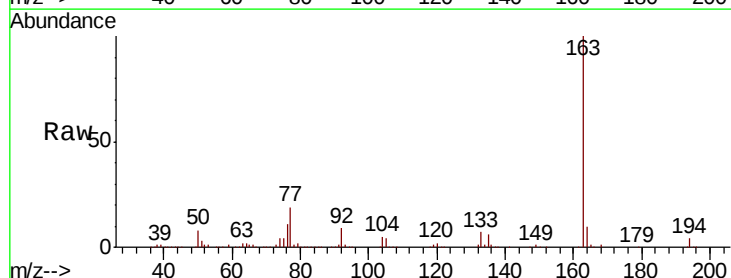
Tgt Ion:163 Resp: 641724

Ion Ratio Lower Upper

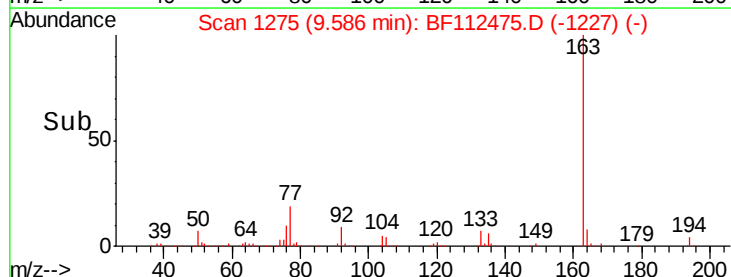
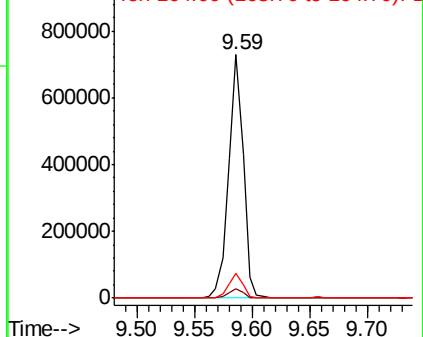
163 100

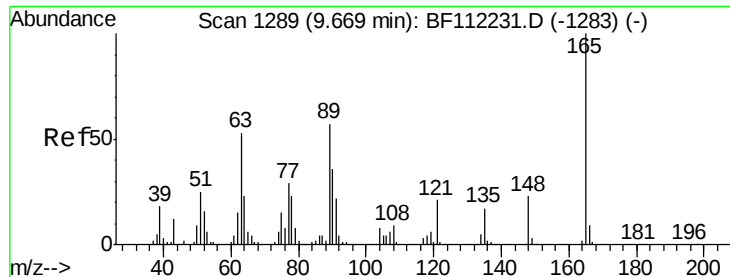
194 3.9 3.3 4.9

164 10.3 8.5 12.7



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: 33.308 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

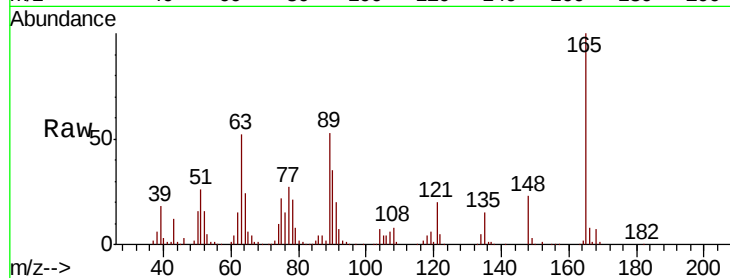
Tot Ion:165 Resp: 126411

Ion Ratio Lower Upper

165 100

63 52.4 33.8 50.8#

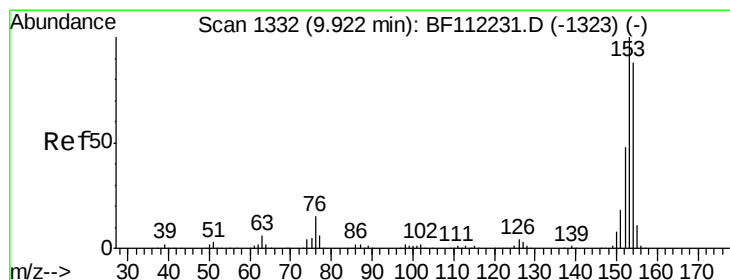
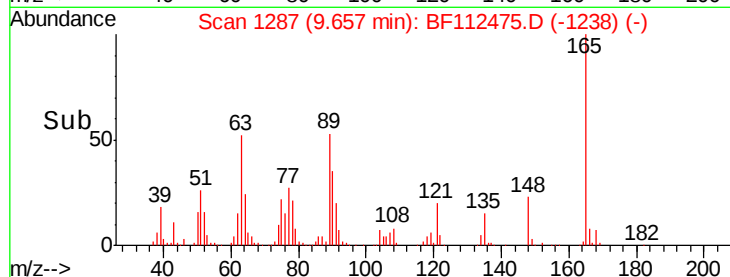
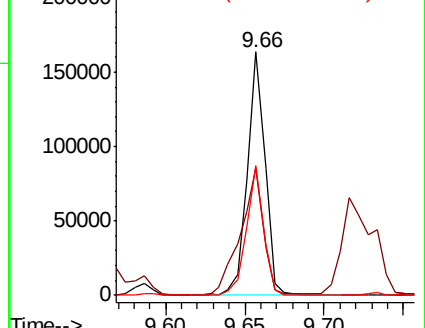
89 53.0 36.9 55.3



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: 34.324 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

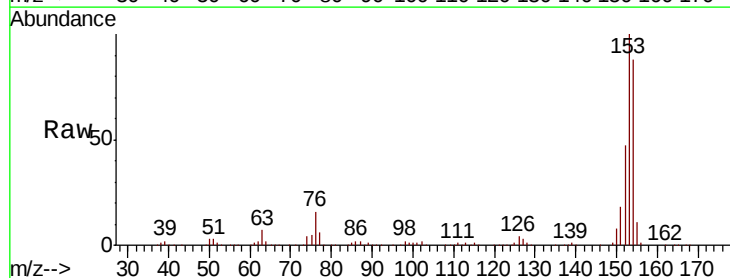
Tgt Ion:154 Resp: 444381

Ion Ratio Lower Upper

154 100

153 113.3 89.8 134.6

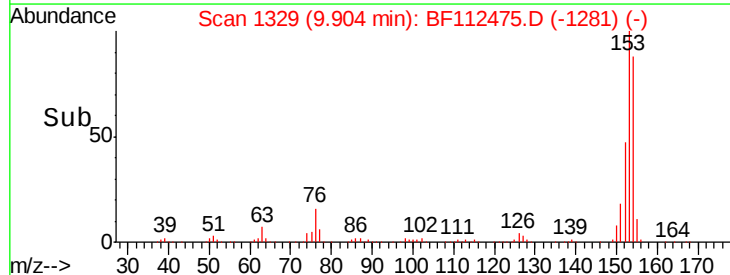
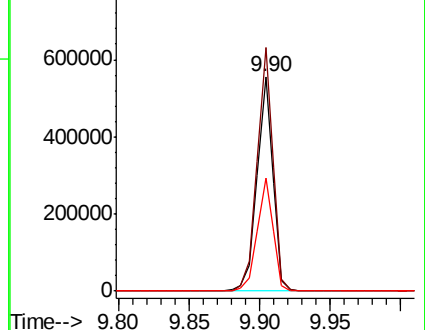
152 52.9 43.5 65.3

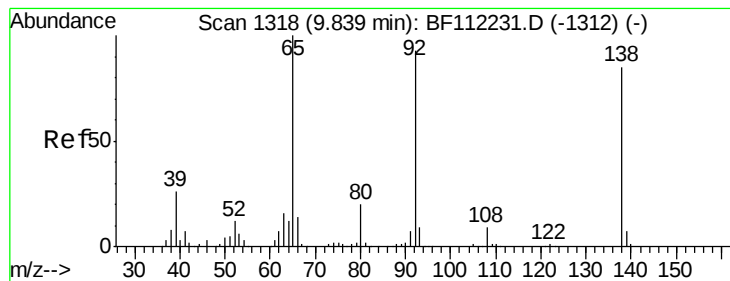


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 20.875 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

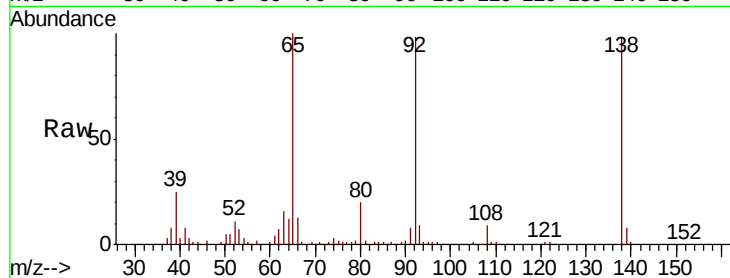
Tot Ion:138 Resp: 85829

Ion Ratio Lower Upper

138 100

108 9.6 9.8 14.6#

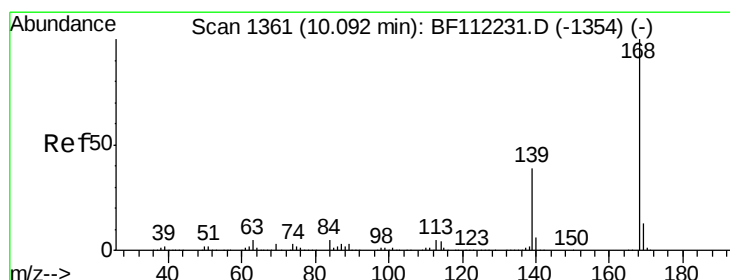
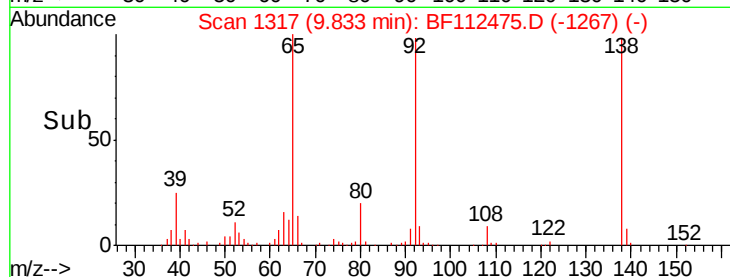
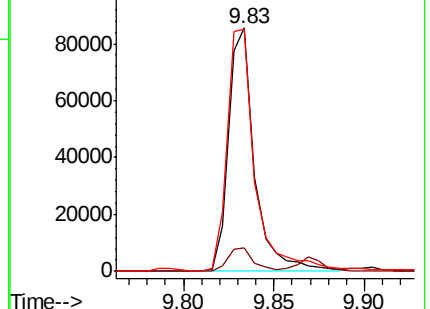
92 99.7 79.4 119.2



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



#55

Dibenzofuran

Concen: 33.768 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

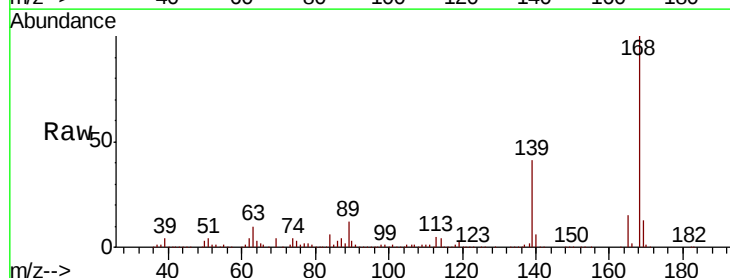
Tgt Ion:168 Resp: 668076

Ion Ratio Lower Upper

168 100

139 41.0 29.2 43.8

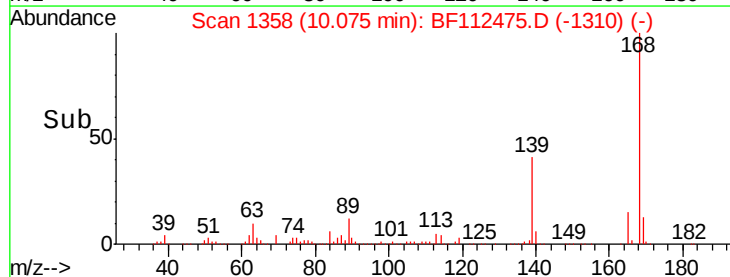
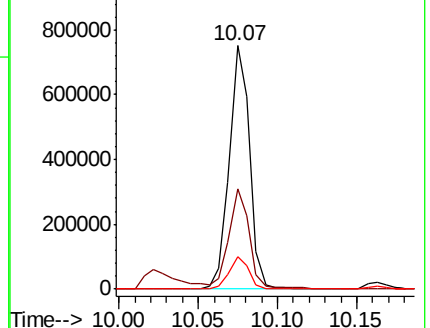
169 13.4 11.4 17.0

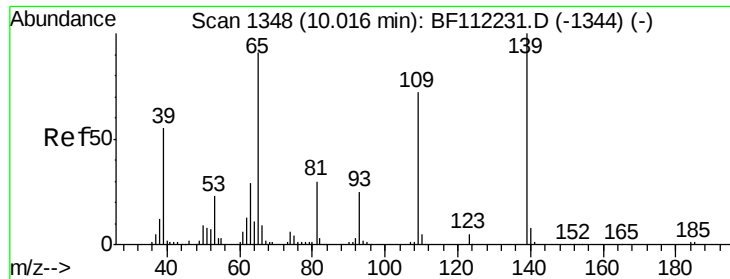


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

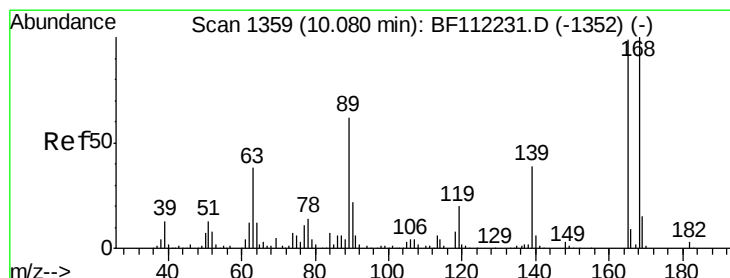
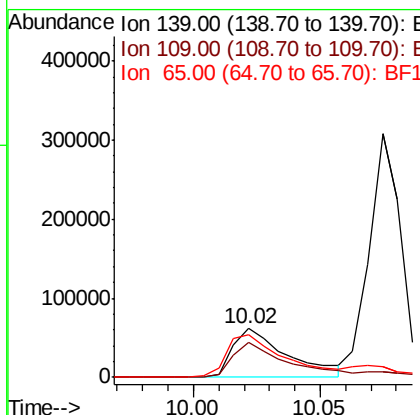
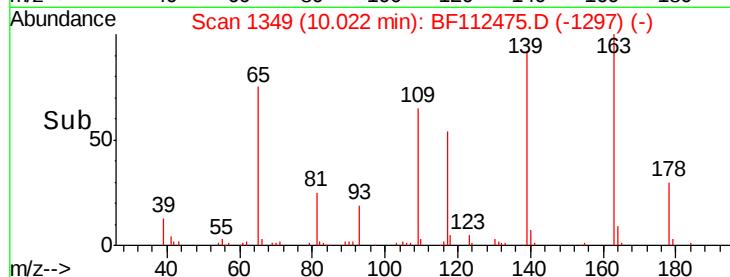
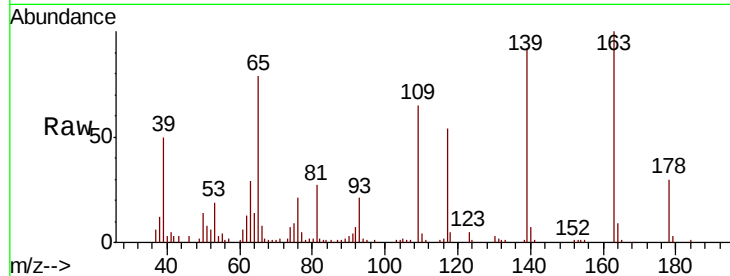




#56
4-Nitrophenol
Concen: 42.154 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

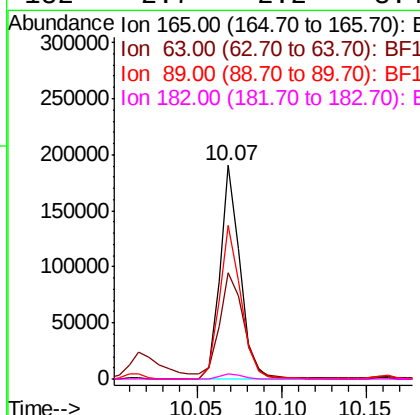
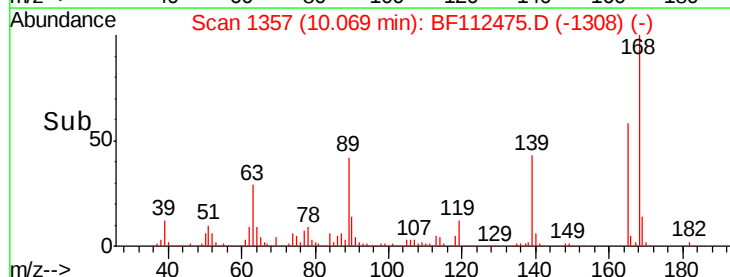
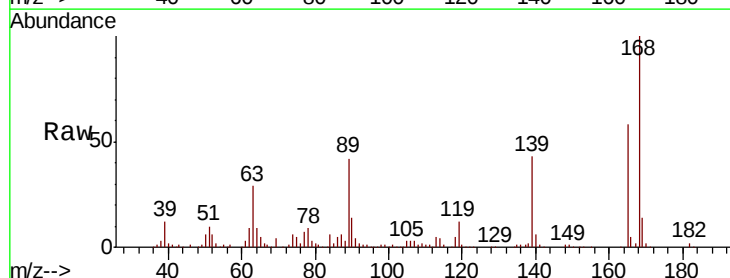
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

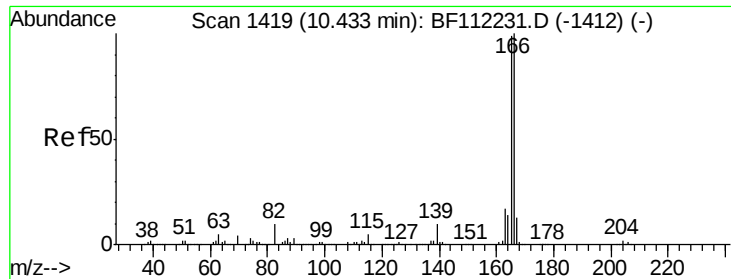
Tot Ion:139 Resp: 91633
Ion Ratio Lower Upper
139 100
109 70.9 42.8 82.8
65 86.6 66.1 106.1



#57
2,4-Dinitrotoluene
Concen: 32.864 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion:165 Resp: 158786
Ion Ratio Lower Upper
165 100
63 49.9 27.9 41.9#
89 72.1 47.9 71.9#
182 2.7 2.2 3.4





#58

Fluorene

Concen: 36.230 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

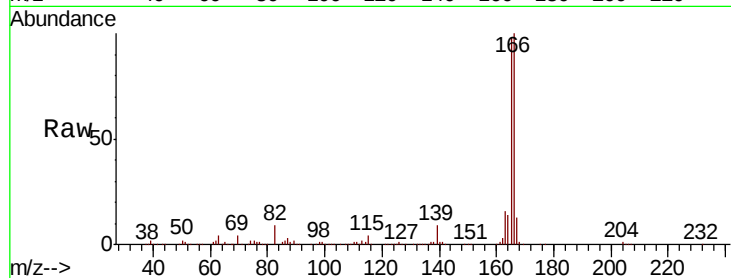
Tot Ion:166 Resp: 536398

Ion Ratio Lower Upper

166 100

165 97.8 77.1 115.7

167 13.3 11.3 16.9

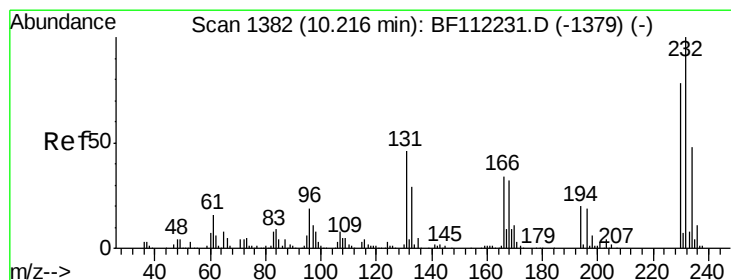
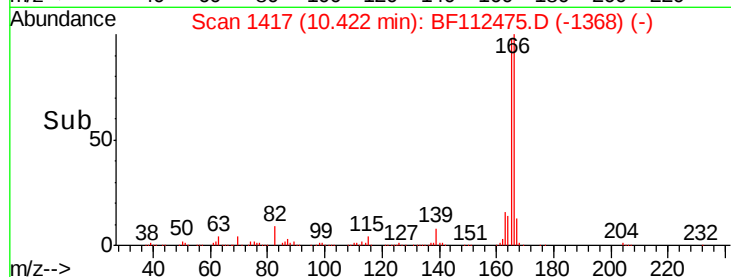
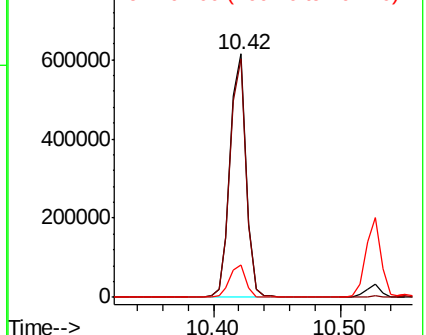


Abundance

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: 27.848 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion:232 Resp: 97090

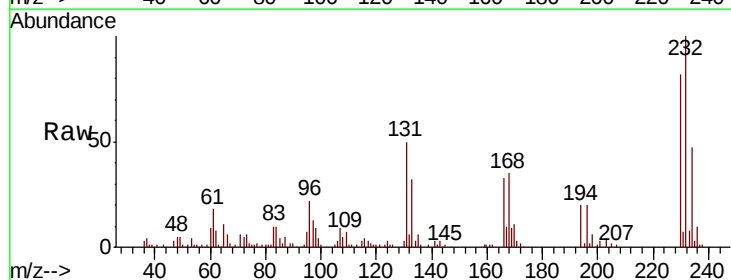
Ion Ratio Lower Upper

232 100

131 45.6 33.9 50.9

130 2.5 1.8 2.6

166 30.1 23.6 35.4



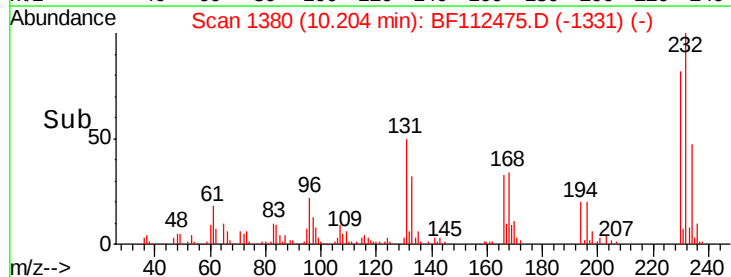
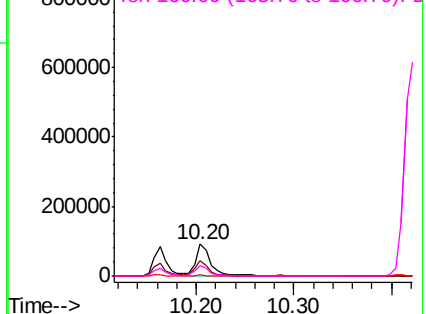
Abundance

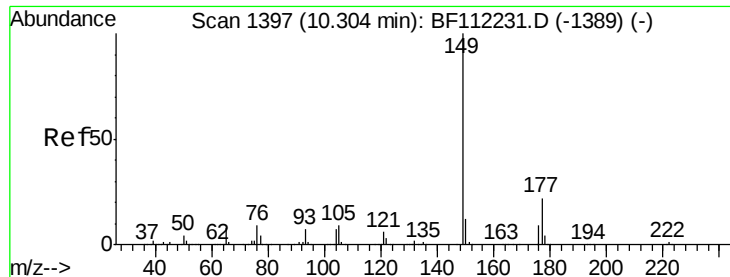
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

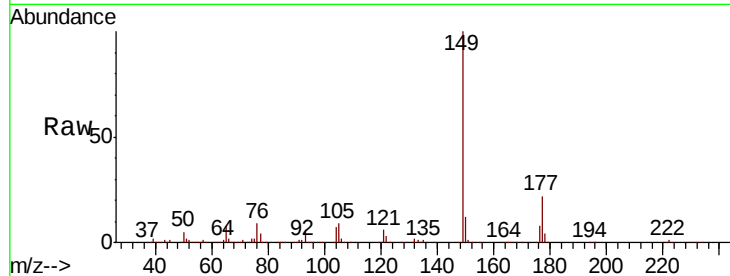




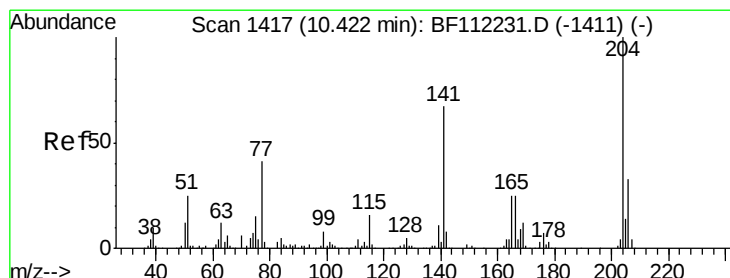
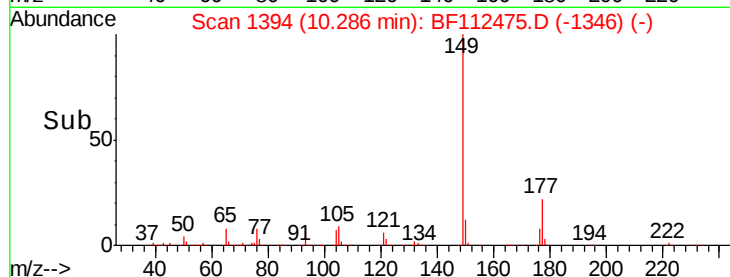
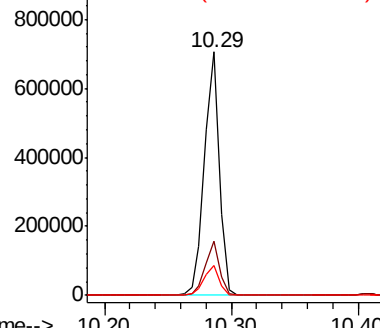
#60
Diethylphthalate
Concen: 34.022 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:149 Resp: 572137
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.2
150 12.3 10.4 15.6

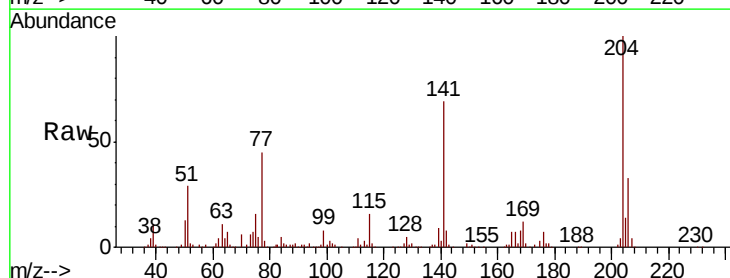


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

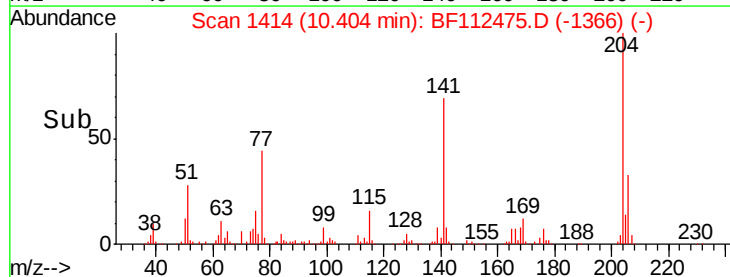
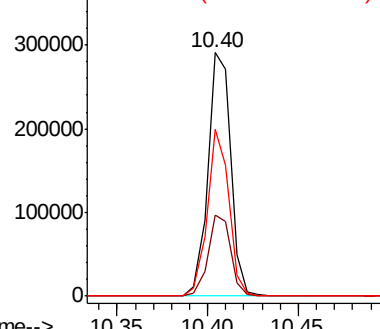


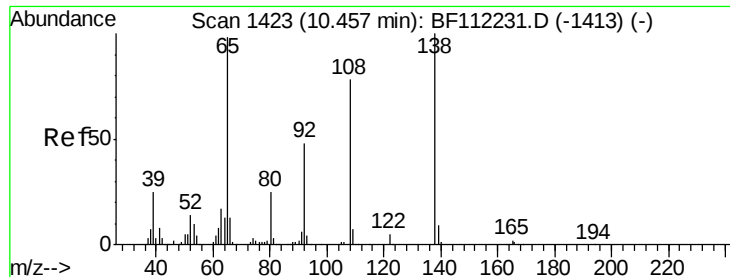
#61
4-Chlorophenyl-phenylether
Concen: 31.778 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion:204 Resp: 255927
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 68.6 45.9 68.9



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: 29.864 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

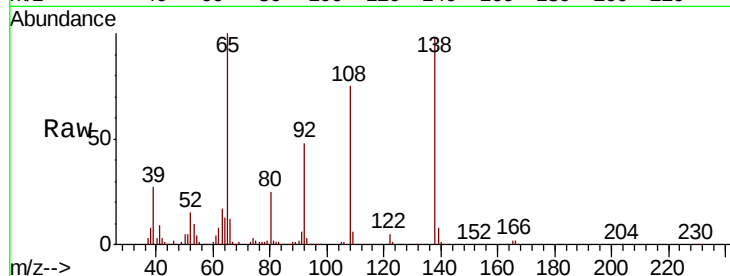
Tot Ion:138 Resp: 120438

Ion Ratio Lower Upper

138 100

92 49.2 30.6 70.6

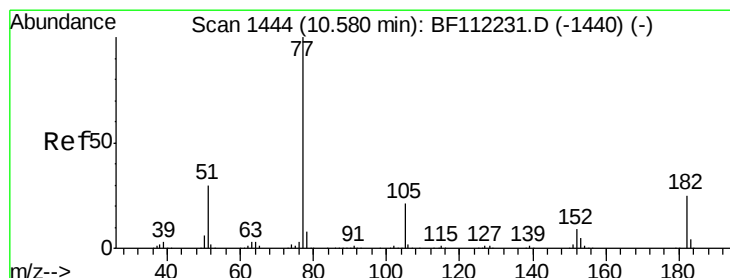
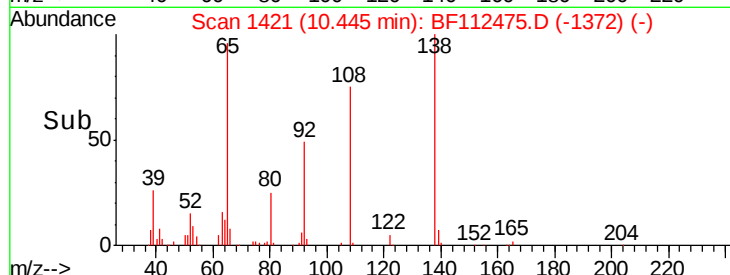
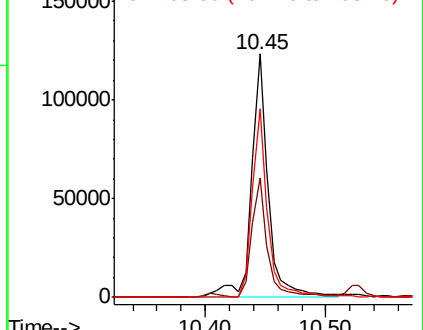
108 77.3 50.0 90.0



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: 32.390 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion: 77 Resp: 479047

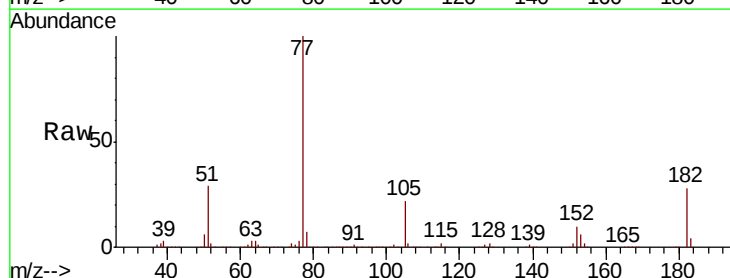
Ion Ratio Lower Upper

77 100

182 28.3 5.7 45.7

105 21.9 1.4 41.4

51 29.0 9.5 49.5

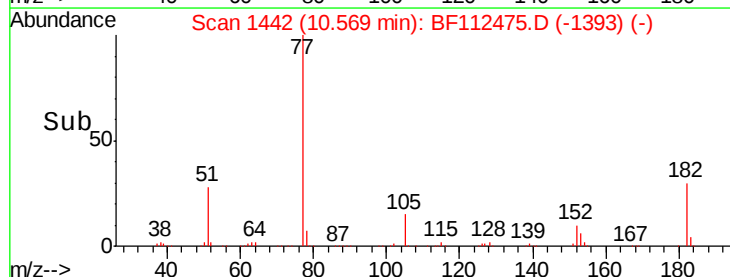
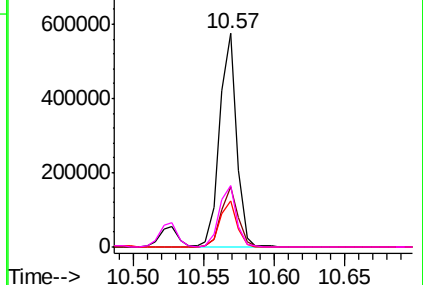


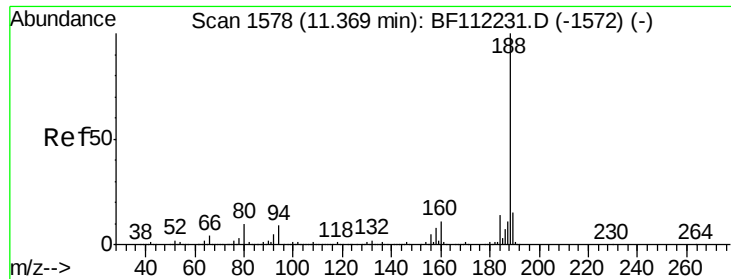
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

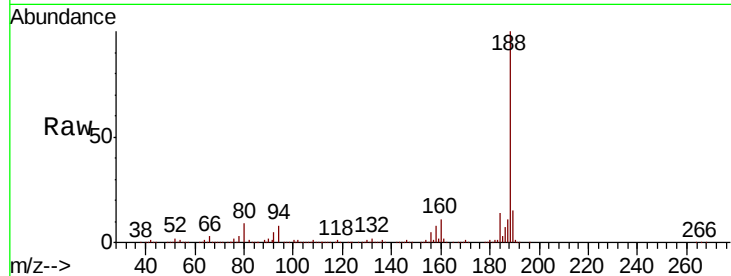
Tot Ion:188 Resp: 373229

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

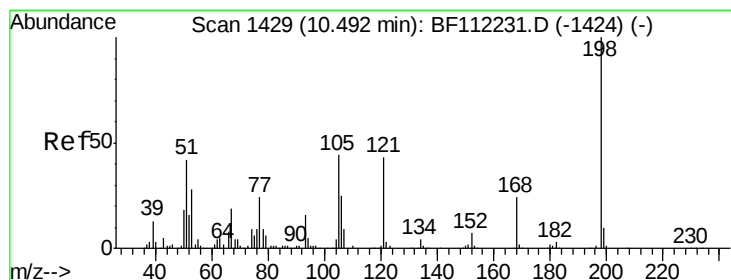
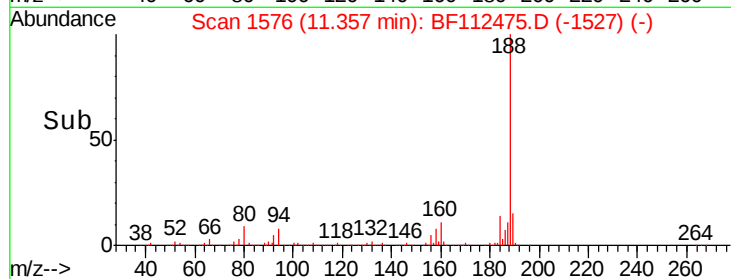
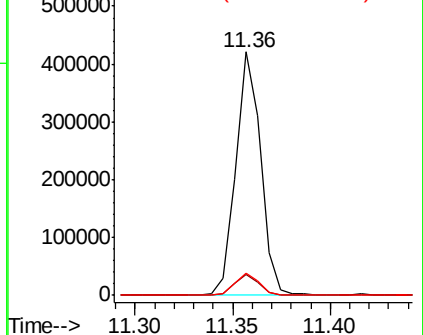
80 9.1 8.9 13.3



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: 3.155 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

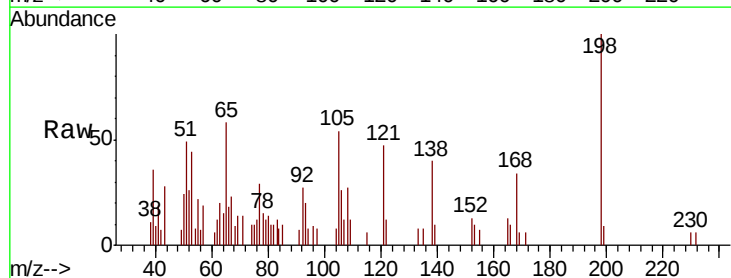
Tgt Ion:198 Resp: 6602

Ion Ratio Lower Upper

198 100

51 49.2 17.2 57.2

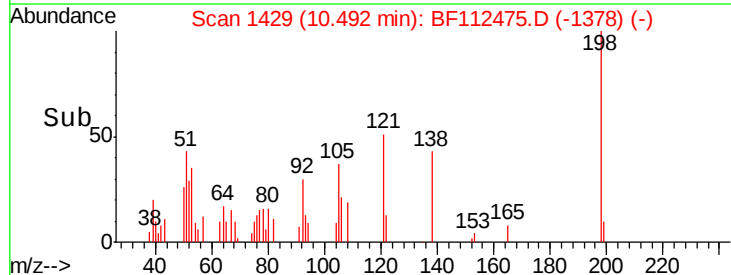
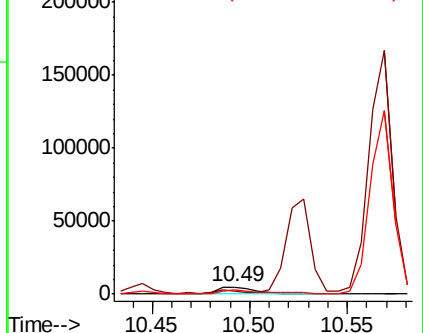
105 53.6 21.9 61.9

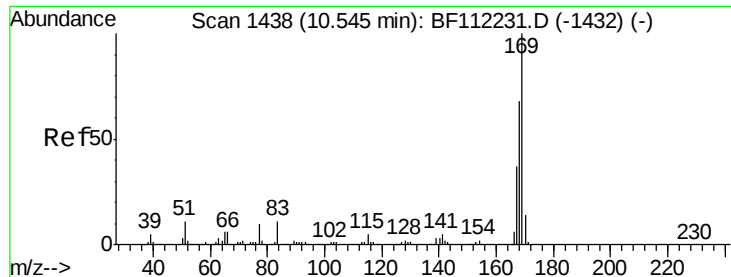


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

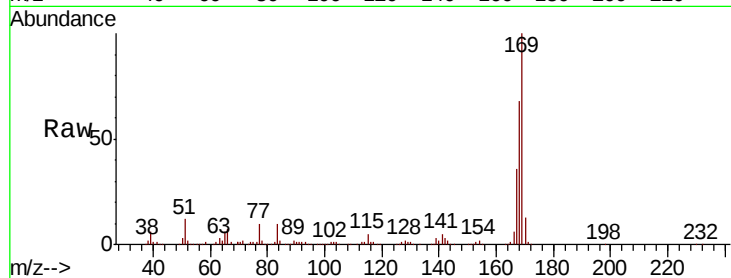




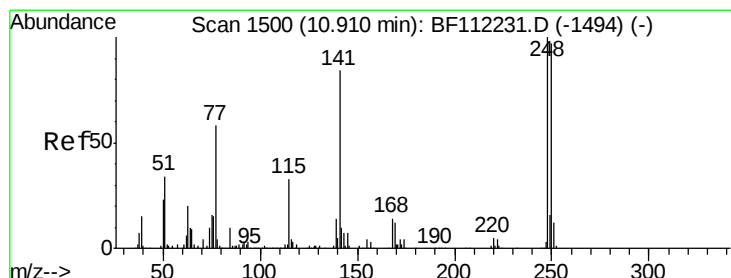
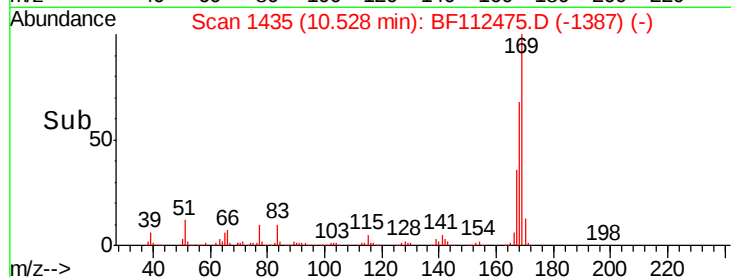
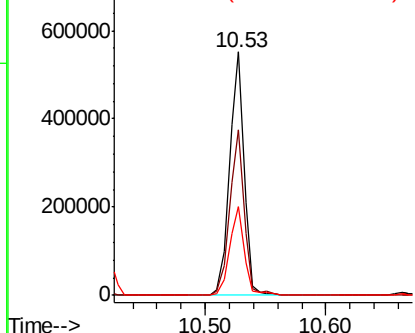
#66
 n-Nitrosodiphenylamine
 Concen: 36.646 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.9	80.9
167	36.5	28.9	43.3

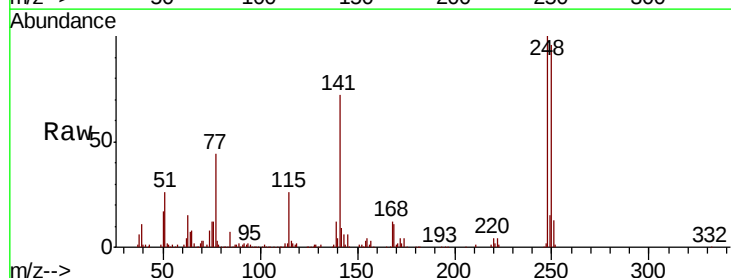


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

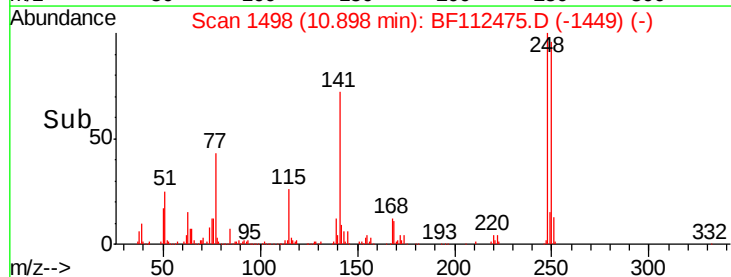
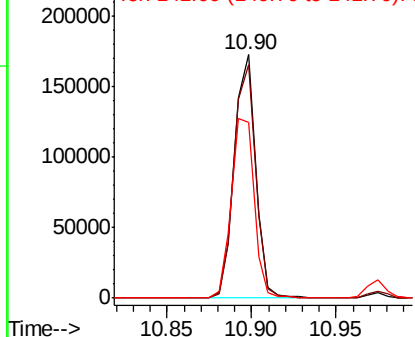


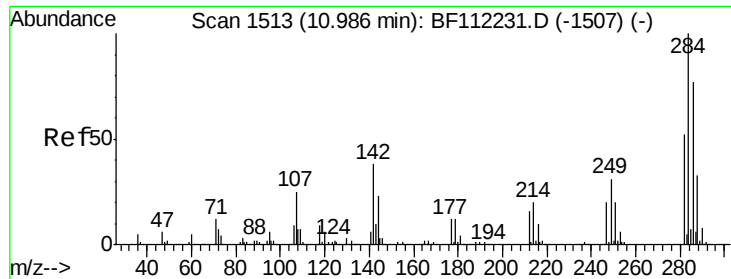
#67
 4-Bromophenyl-phenylether
 Concen: 34.507 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	79.7	119.5
141	72.3	60.3	90.5



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

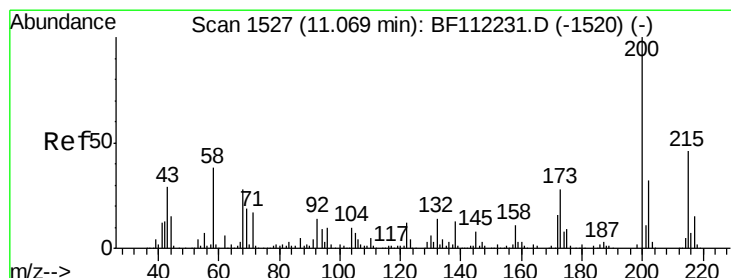
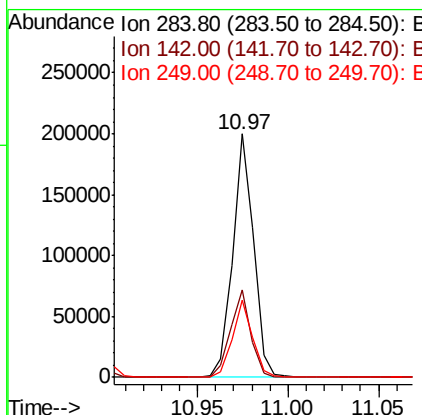
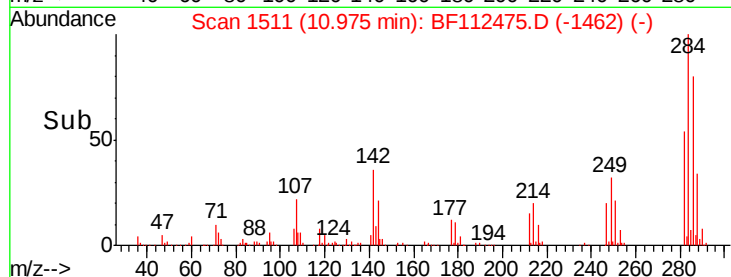
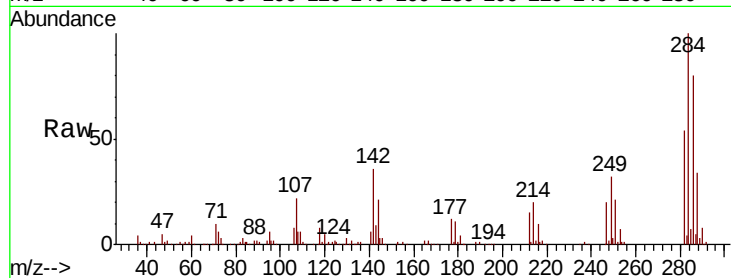




#68
Hexachlorobenzene
Concen: 34.064 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

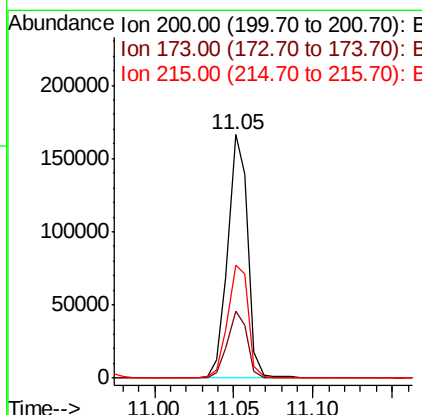
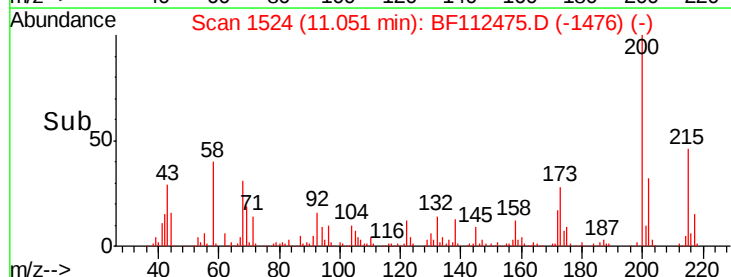
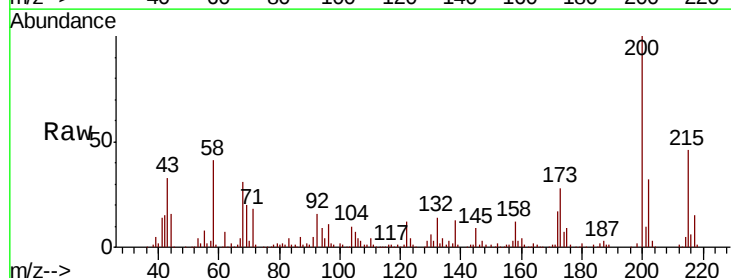
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

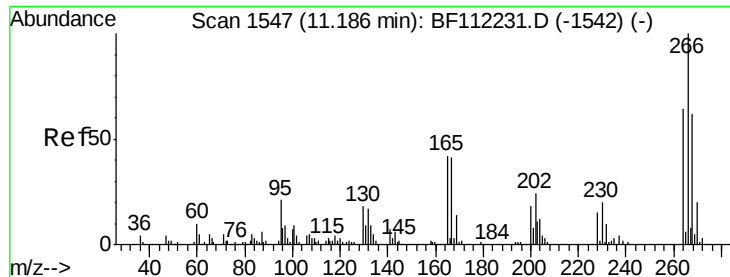
Tot Ion:284 Resp: 160430
Ion Ratio Lower Upper
284 100
142 36.1 27.6 41.4
249 31.7 24.1 36.1



#69
Atrazine
Concen: 35.797 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion:200 Resp: 145295
Ion Ratio Lower Upper
200 100
173 27.6 7.1 47.1
215 46.3 30.4 70.4

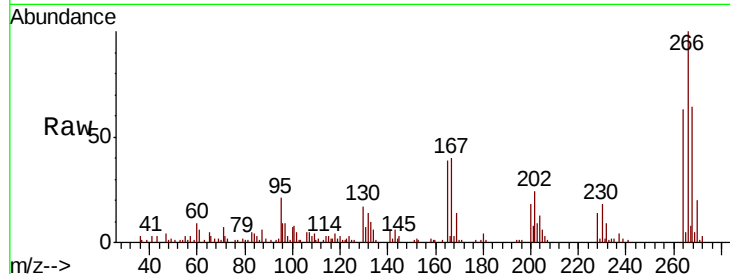




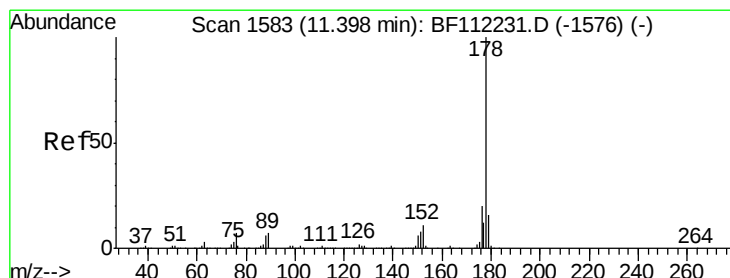
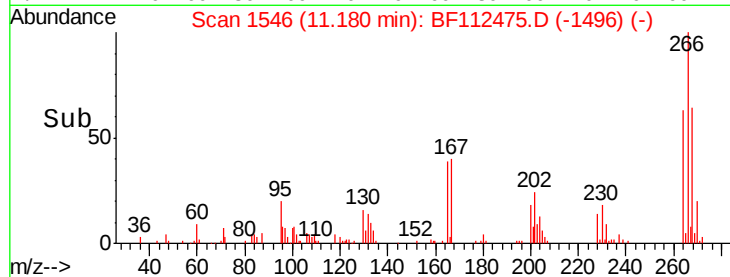
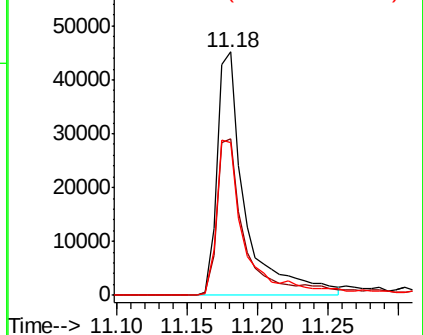
#70
 Pentachlorophenol
 Concen: 34.035 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion:266 Resp: 62371
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.2 76.8
 264 62.7 50.9 76.3

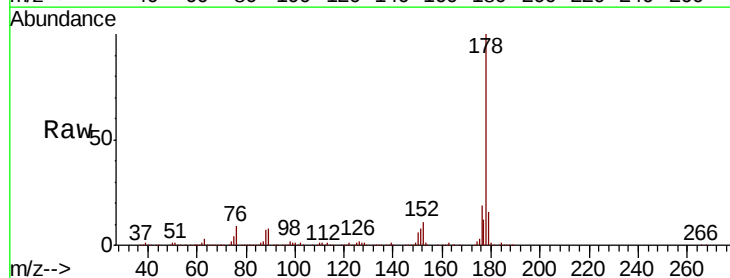


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

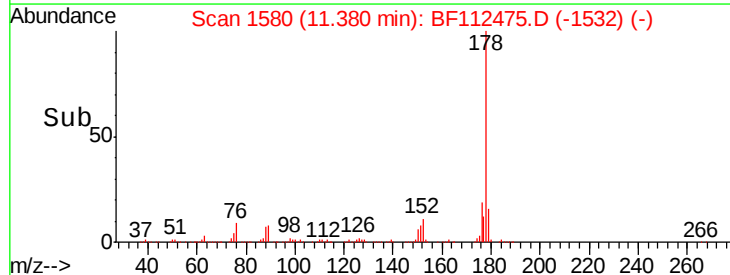
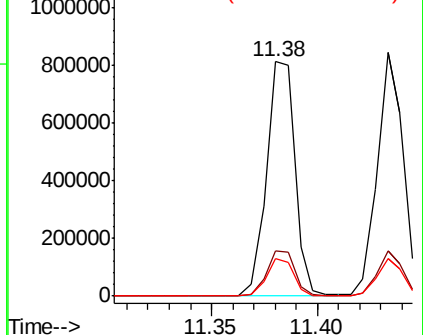


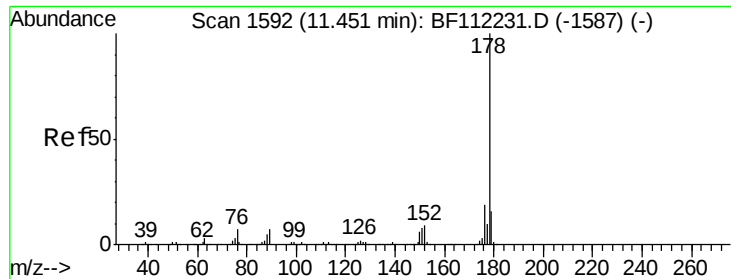
#71
 Phenanthrene
 Concen: 39.427 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion:178 Resp: 765029
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.3 24.5
 179 15.9 13.0 19.4



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





#72

Anthracene

Concen: 38.214 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

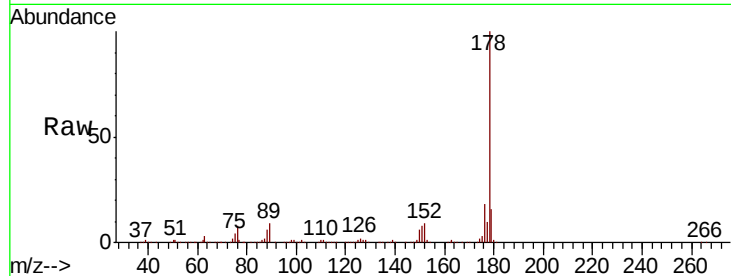
Tot Ion:178 Resp: 738628

Ion Ratio Lower Upper

178 100

176 18.4 15.5 23.3

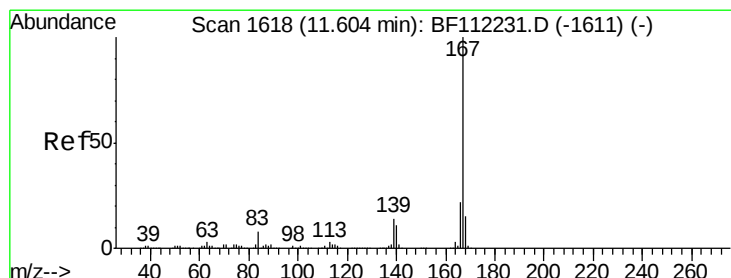
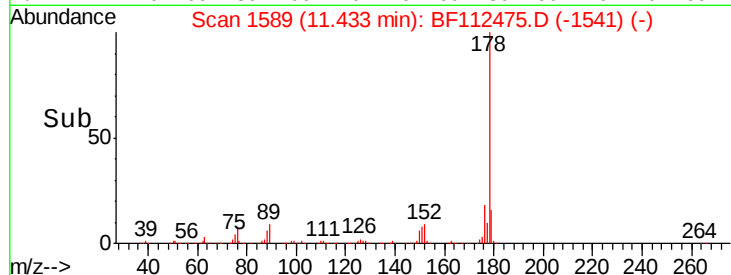
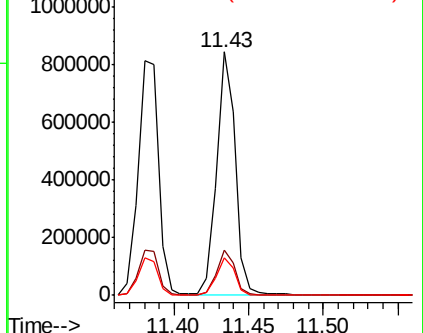
179 15.6 12.8 19.2



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: 32.364 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

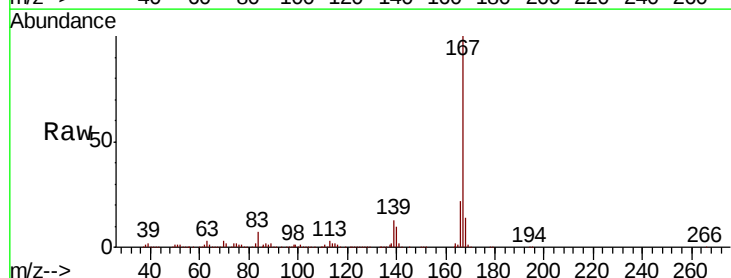
Tgt Ion:167 Resp: 617054

Ion Ratio Lower Upper

167 100

166 21.7 17.9 26.9

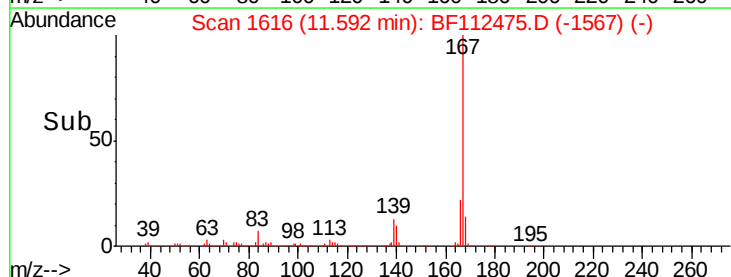
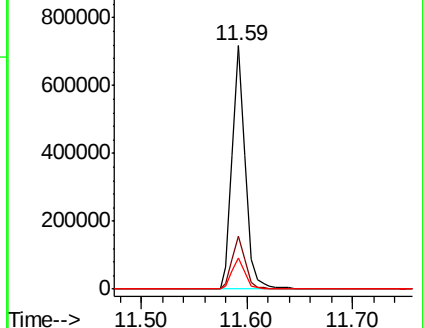
139 13.0 10.2 15.2

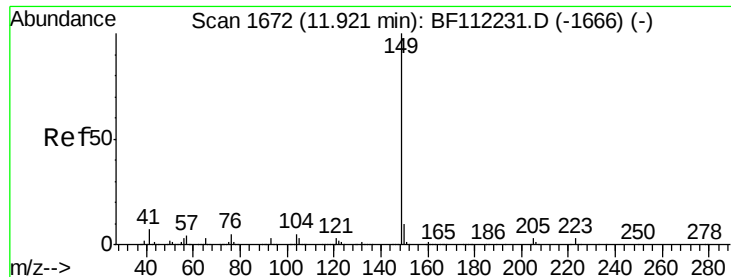


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 35.407 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

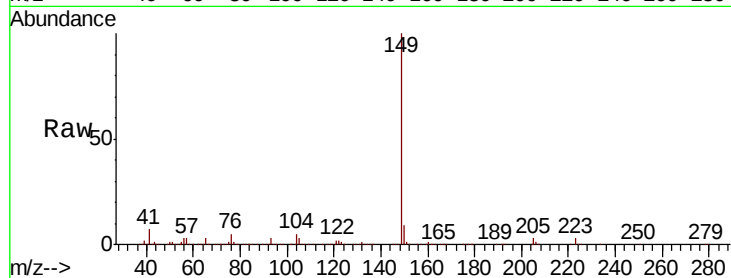
Tot Ion:149 Resp: 837933

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

104 4.8 3.9 5.9

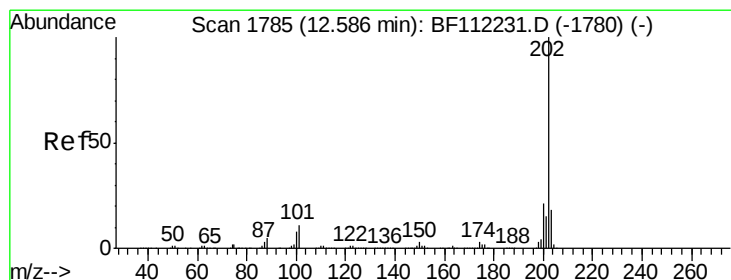
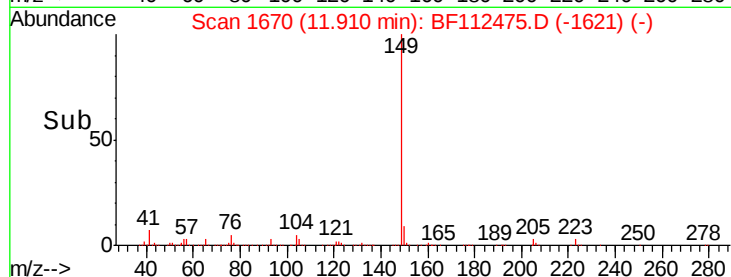
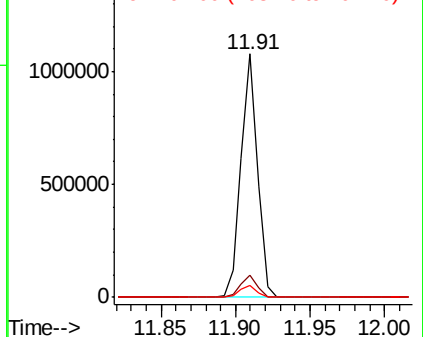


Abundance

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: 37.926 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

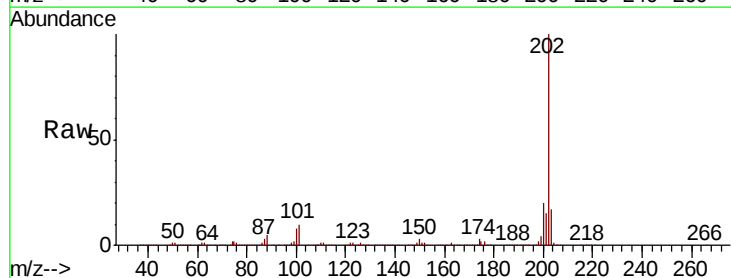
Tgt Ion:202 Resp: 789292

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.8

203 17.5 0.0 38.4

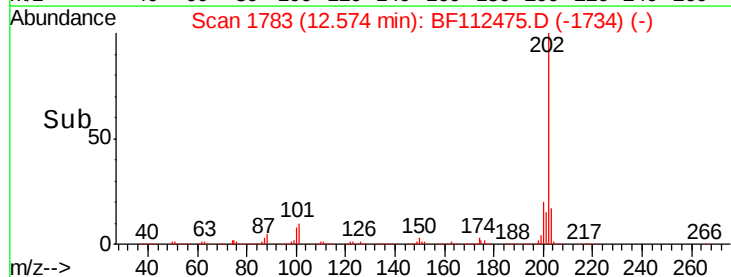
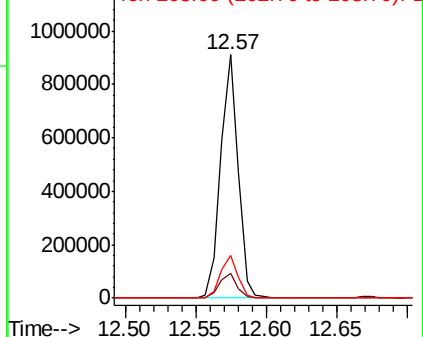


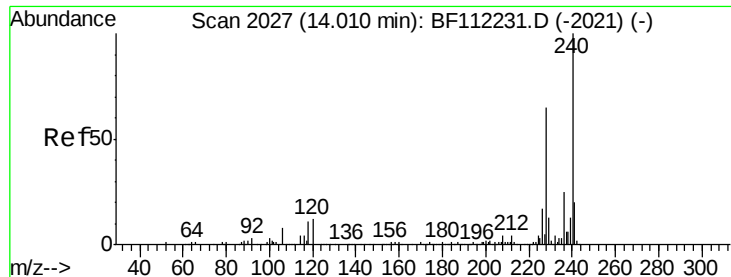
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

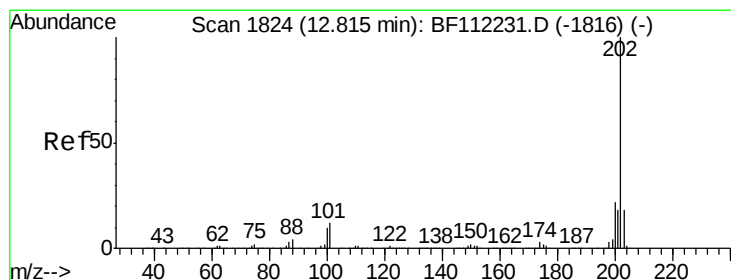
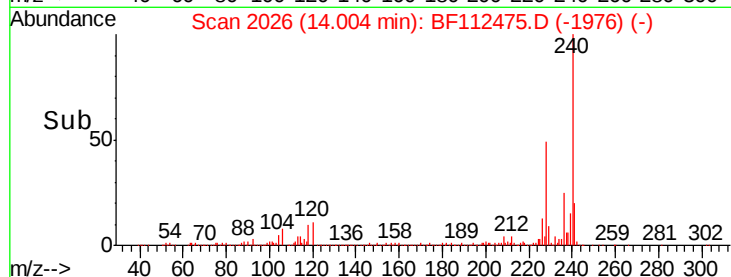
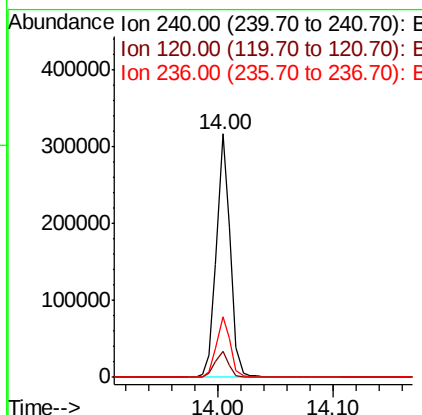
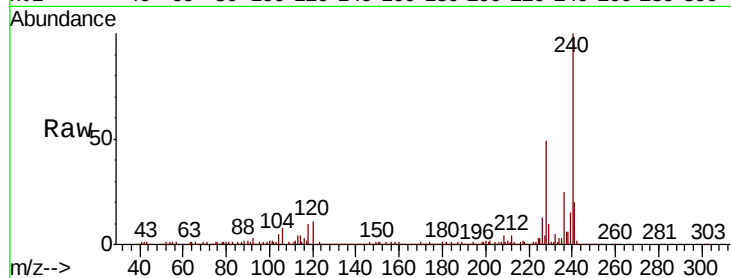




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

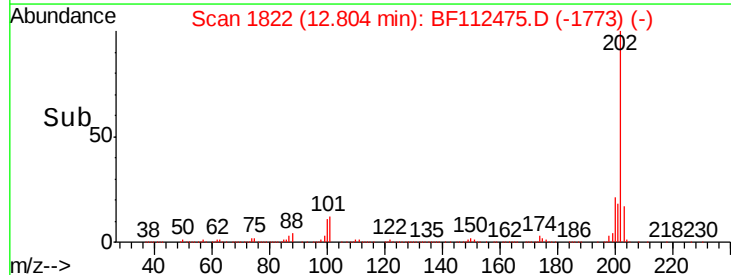
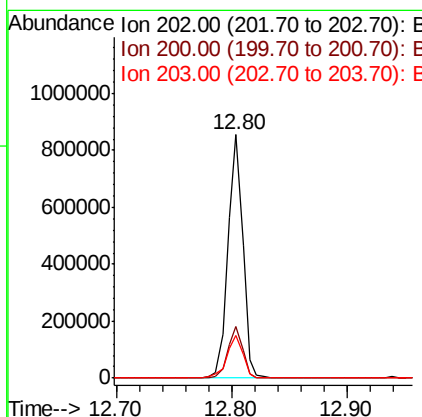
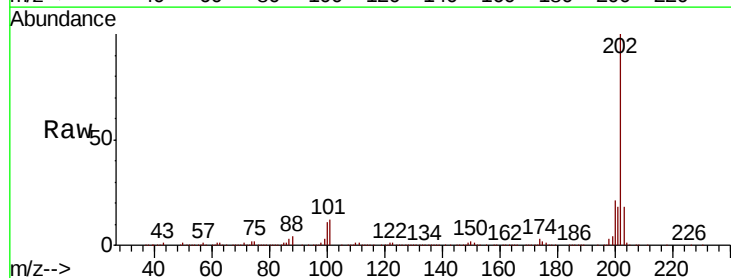
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

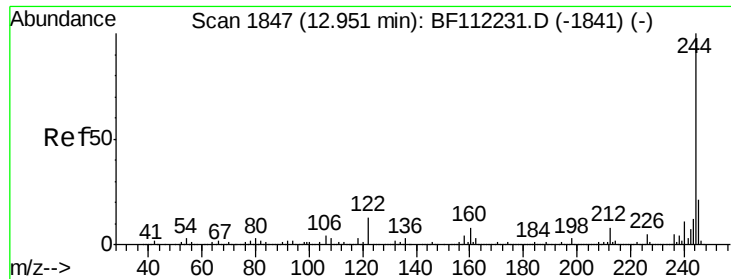
Tot Ion:240 Resp: 261765
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.6
236 25.0 20.7 31.1



#78
Pyrene
Concen: 42.107 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion:202 Resp: 763113
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.5 14.6 22.0

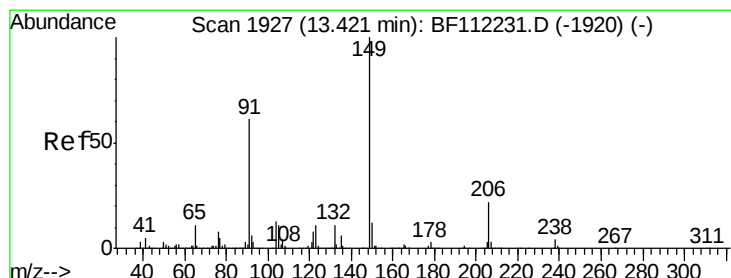
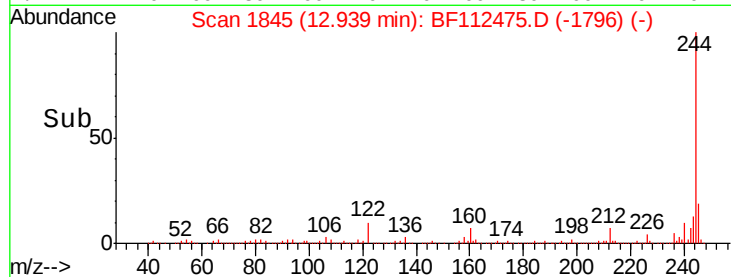
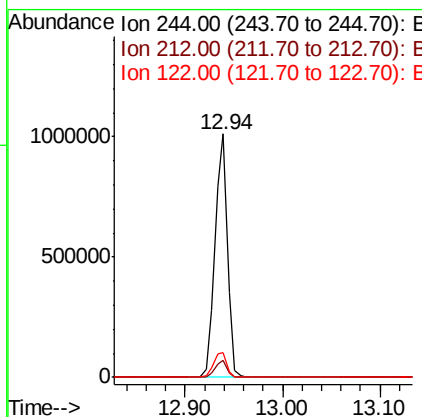
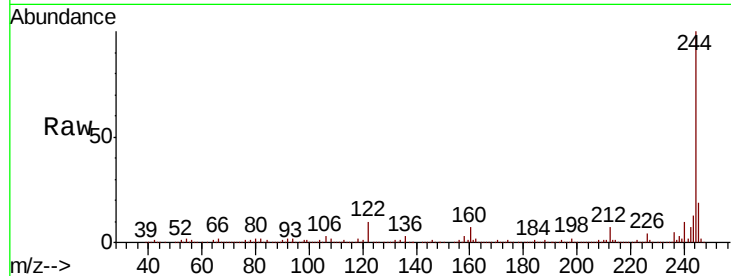




#79
 Terphenyl-d14
 Concen: 64.244 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

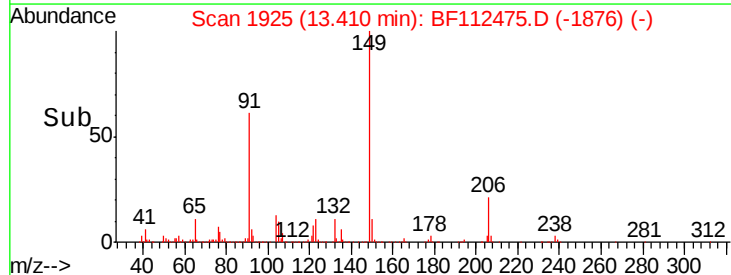
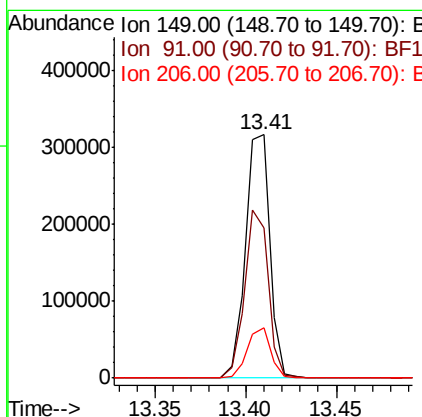
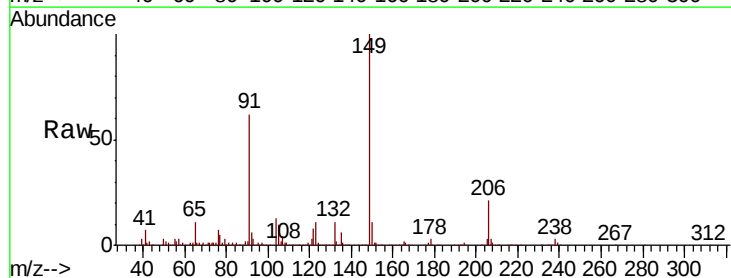
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

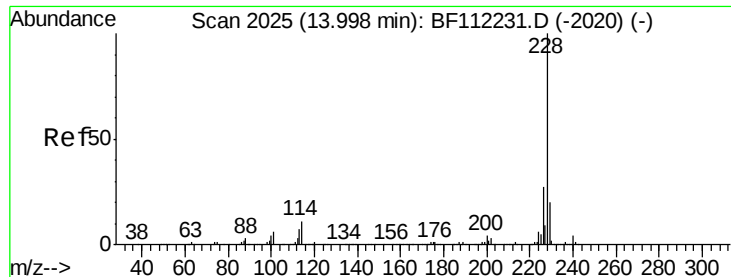
Tot Ion:244 Resp: 892881
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.2 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 33.552 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion:149 Resp: 294197
 Ion Ratio Lower Upper
 149 100
 91 61.6 50.3 75.5
 206 20.9 18.2 27.4





#81

Benzo(a)anthracene

Concen: 40.312 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

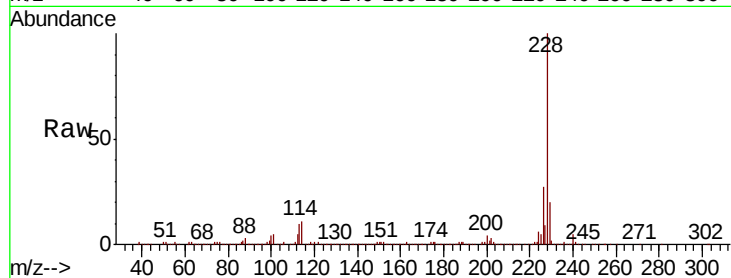
Tot Ion:228 Resp: 620322

Ion Ratio Lower Upper

228 100

226 26.8 22.6 34.0

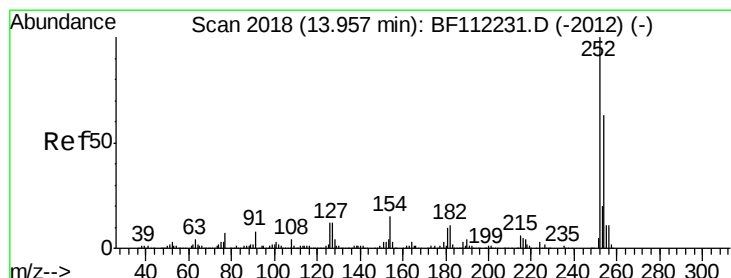
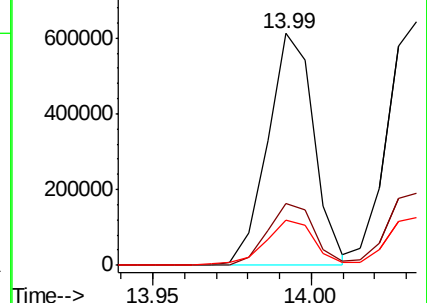
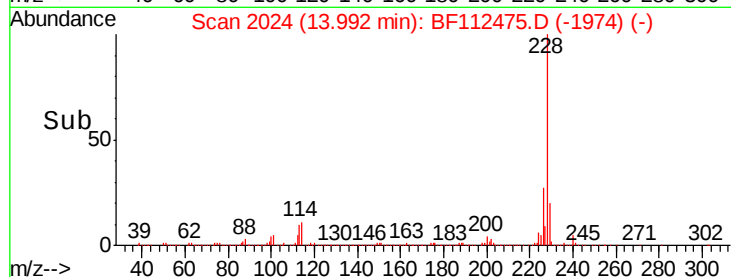
229 19.8 16.5 24.7



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: 20.873 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

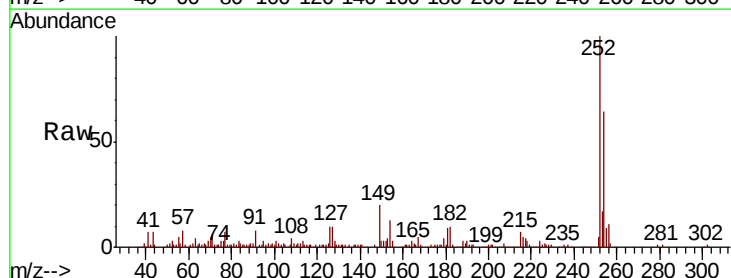
Tgt Ion:252 Resp: 120204

Ion Ratio Lower Upper

252 100

254 64.1 51.6 77.4

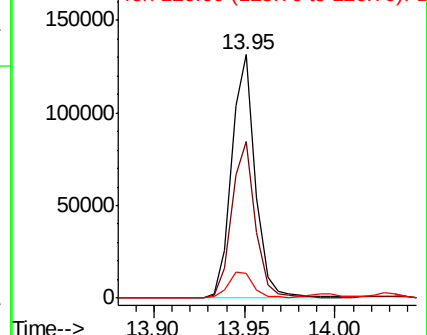
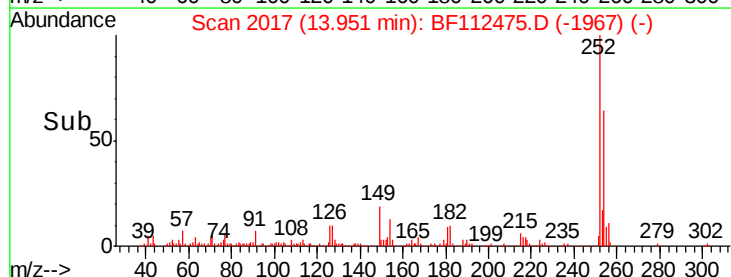
126 10.3 8.6 12.8

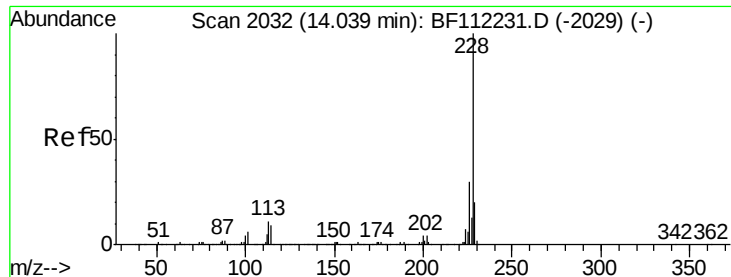


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

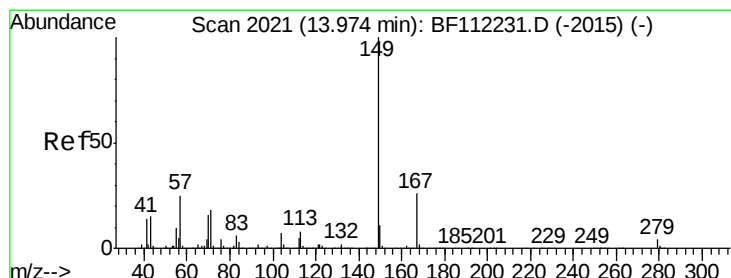
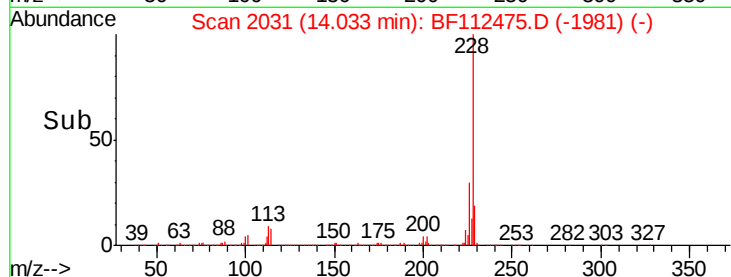
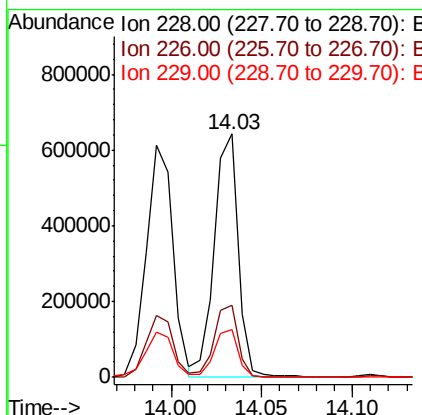
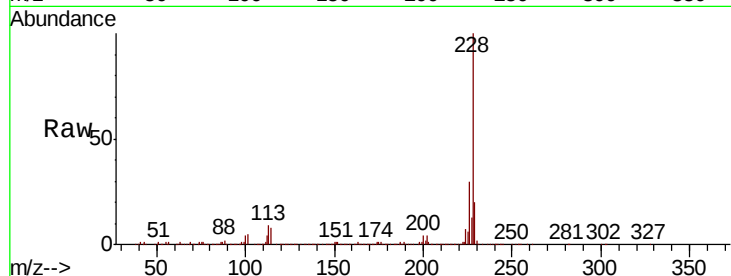




#83
 Chrvsene
 Concen: 39.820 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

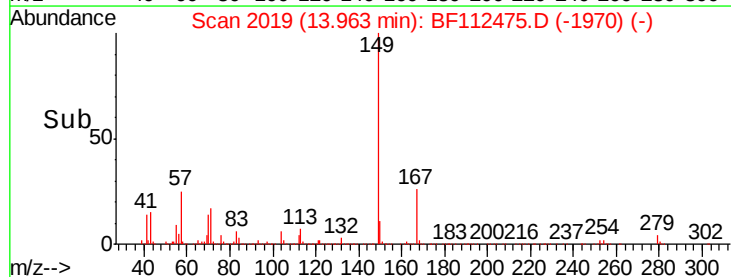
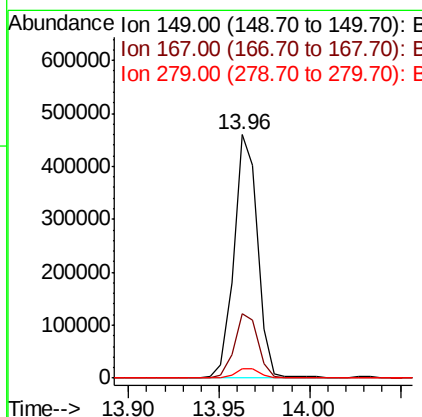
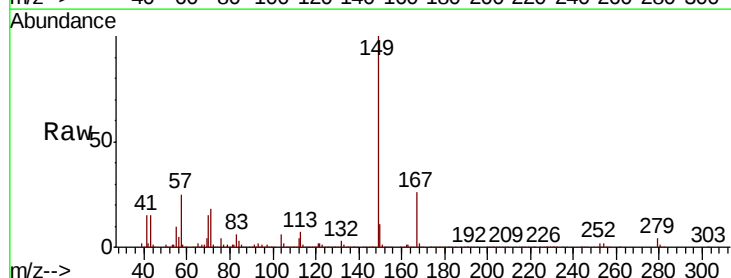
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

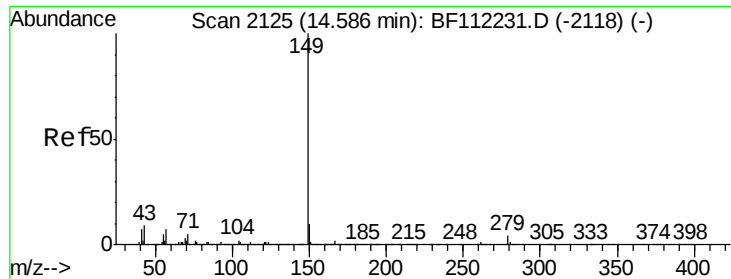
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.5	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.279 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.5	33.7
279	3.7	3.8	5.6#





#85

Di-n-octyl phthalate

Concen: 34.764 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

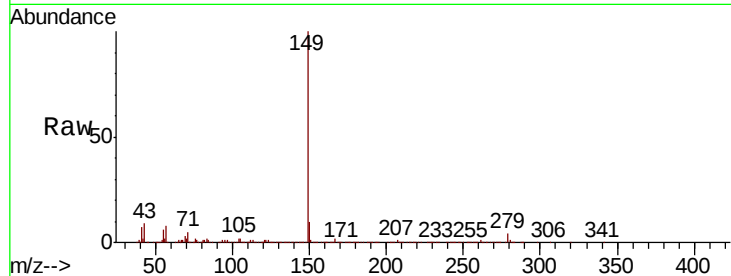
Tot Ion:149 Resp: 665699

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

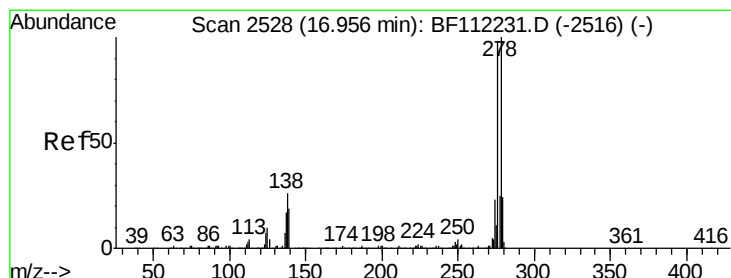
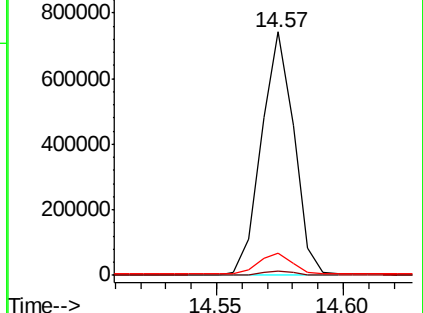
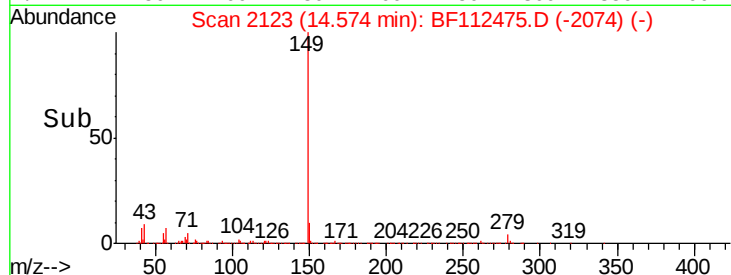
43 8.6 7.8 11.6



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: 44.788 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

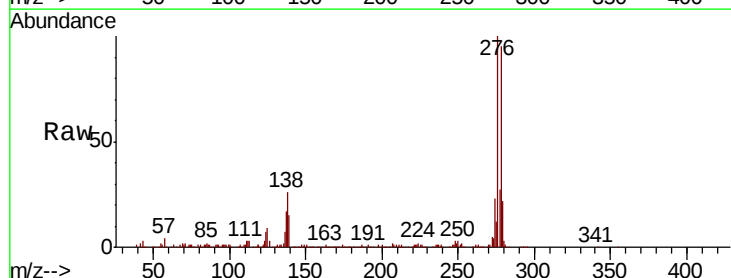
Tgt Ion:276 Resp: 521279

Ion Ratio Lower Upper

276 100

138 25.3 22.6 34.0

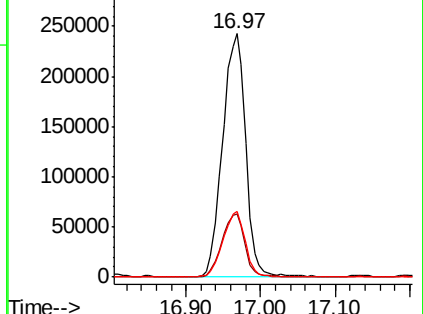
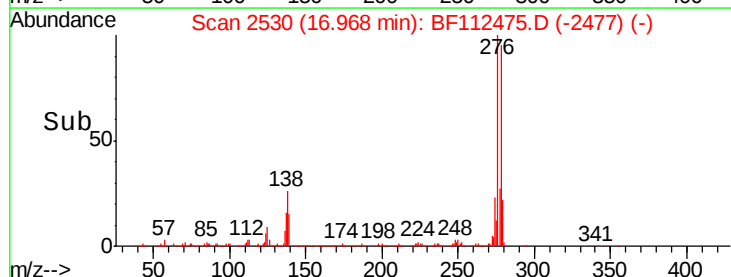
277 25.8 20.3 30.5

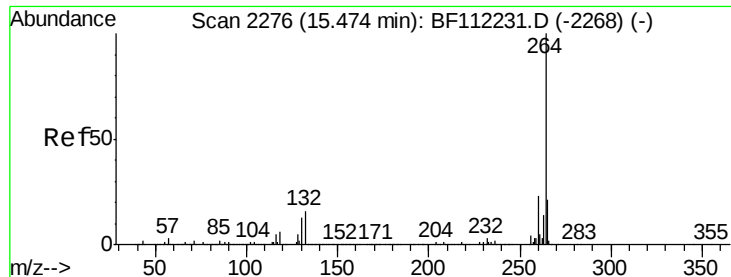


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

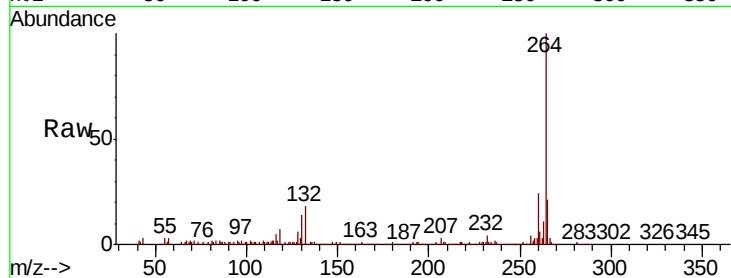
Tot Ion:264 Resp: 263524

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

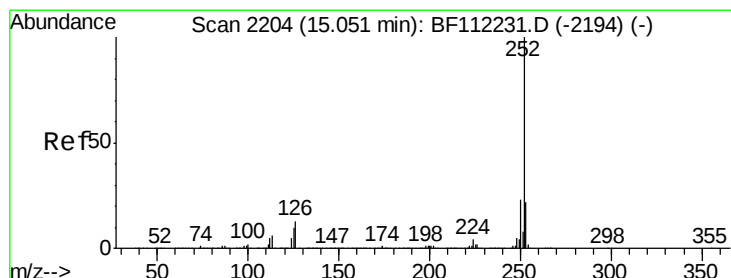
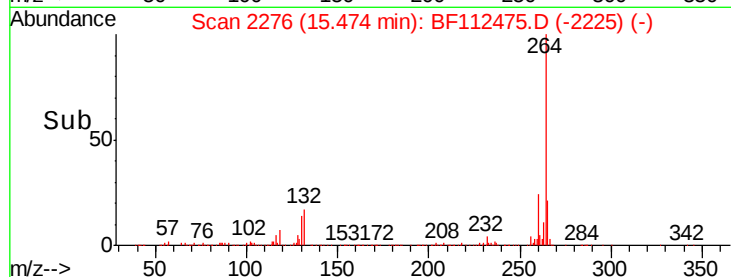
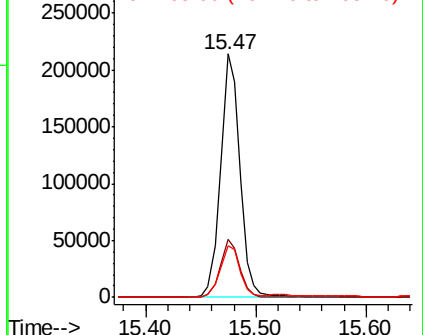
265 21.4 17.0 25.4



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: 42.071 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

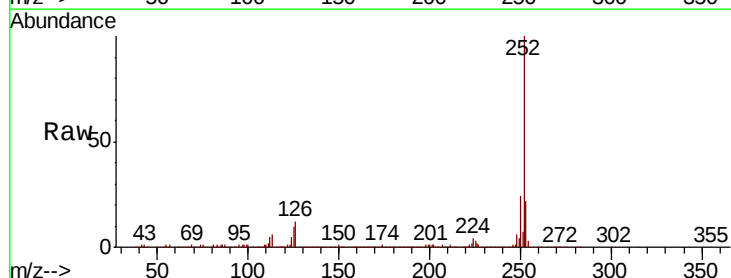
Tgt Ion:252 Resp: 663045

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

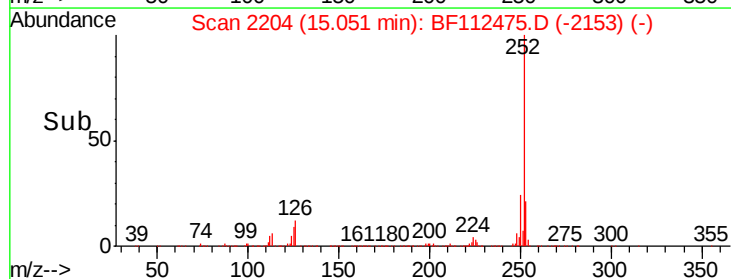
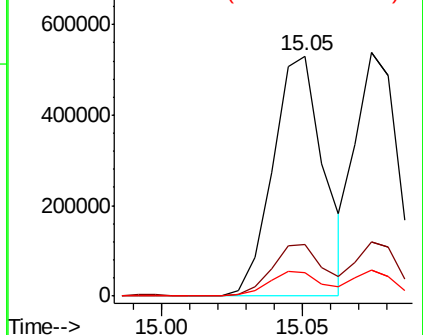
125 9.5 8.7 13.1

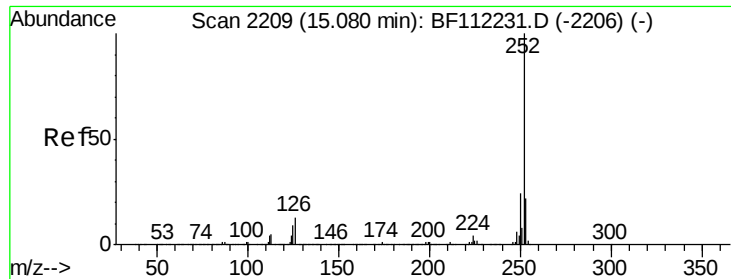


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

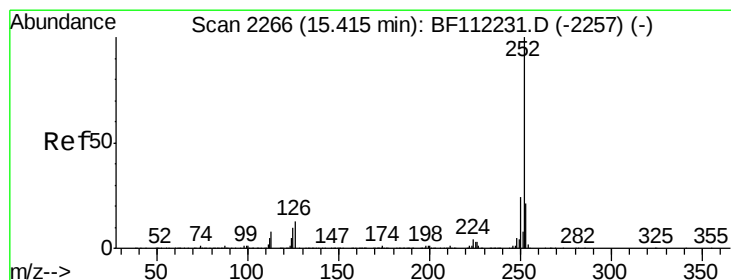
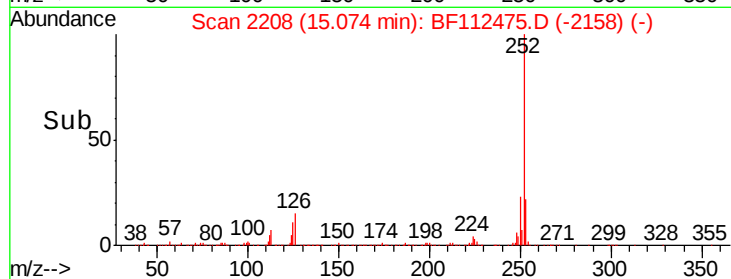
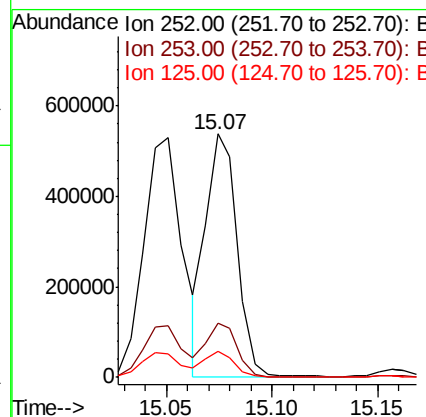
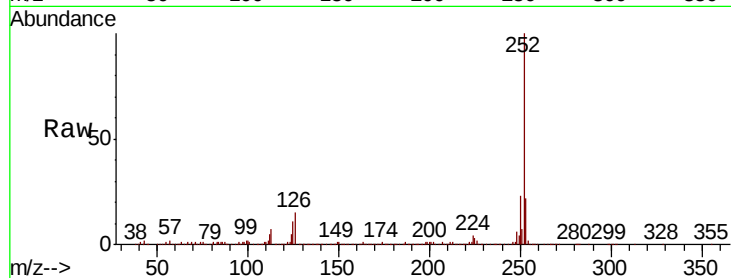




#89
Benzo(k)fluoranthene
Concen: 36.831 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

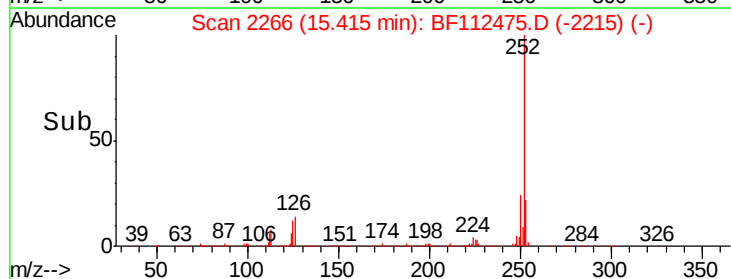
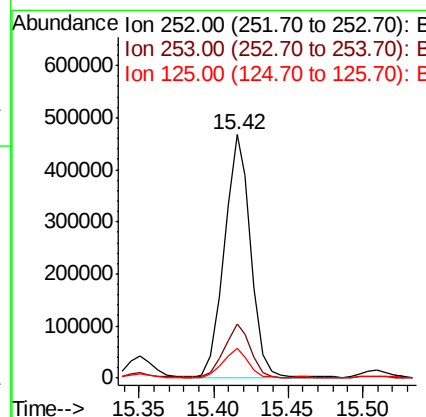
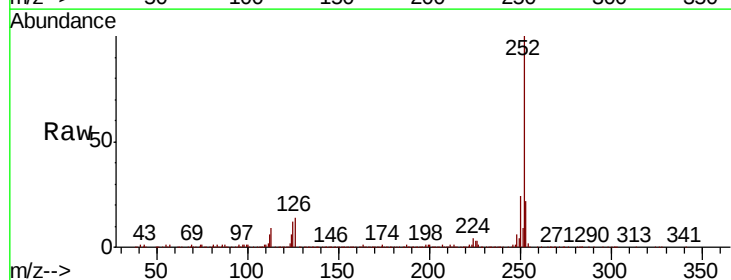
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

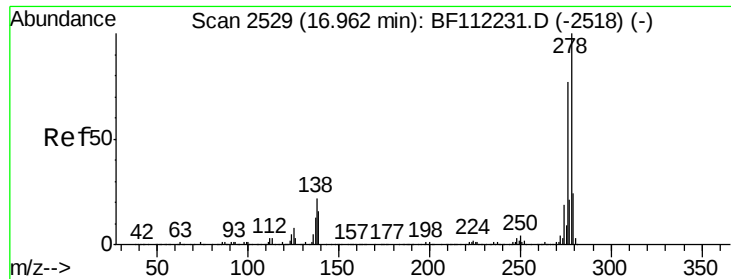
Tot Ion:252 Resp: 555989
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.9 9.1 13.7



#90
Benzo(a)pyrene
Concen: 40.824 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion:252 Resp: 578909
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 12.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 37.383 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

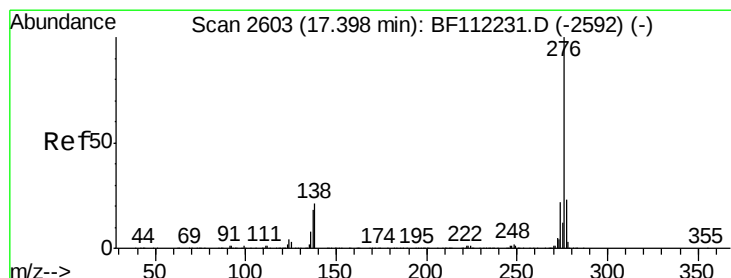
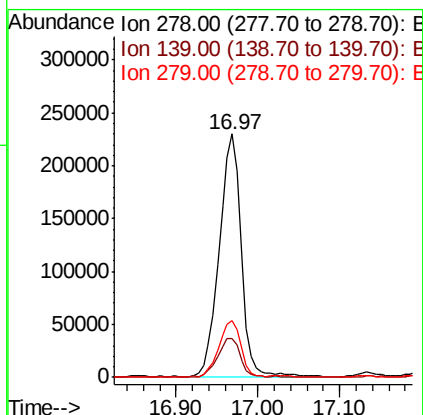
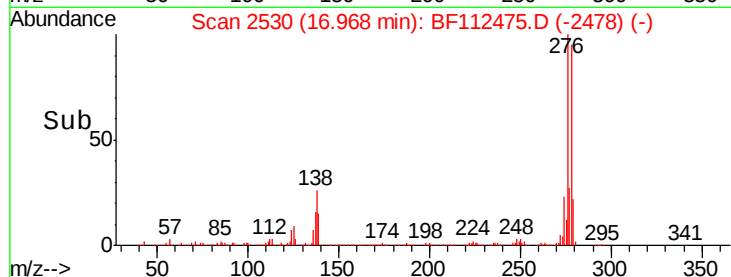
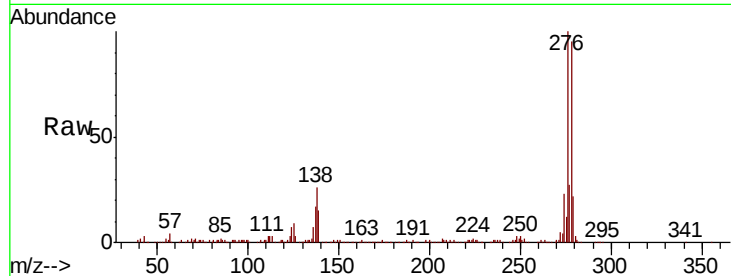
Tot Ion:278 Resp: 427244

Ion Ratio Lower Upper

278 100

139 16.2 13.7 20.5

279 23.5 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 38.334 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion:276 Resp: 413335

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 22.4 19.1 28.7

