

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112547.D
 Acq On : 13 Feb 2019 19:06
 Operator : JU/SJ
 Sample : K1458-06 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Feb 14 04:14:04 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	103658	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	381988	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	154608	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	258568	20.00	ng	0.00
76) Chrysene-d12	14.02	240	221675	20.00	ng	0.00
87) Perylene-d12	15.50	264	153236	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	274585	56.27	ng	-0.01
7) Phenol-d6	6.49	99	347202	51.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	208831	31.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	68335	37.97	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	374691	34.28	ng	-0.01
79) Terphenyl-d14	12.94	244	327126	27.79	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.35	88	109	0.056	ng	# 1
6) Aniline	6.61	93	336	0.042	ng	# 1
9) Benzaldehyde	6.48	77	272	0.077	ng	# 1
10) Phenol	6.50	94	5529	0.743	ng	# 10
11) bis(2-Chloroethyl)ether	6.61	93	336	0.057	ng	# 1
15) Benzyl Alcohol	6.99	79	3926	0.687	ng	# 44
18) Hexachloroethane	7.40	117	332	0.120	ng	# 2
19) n-Nitroso-di-n-propylamine	7.40	70	29301	6.266	ng	# 78
20) 3+4-Methylphenols	7.48	107	218	0.033	ng	# 1
22) Acetophenone	7.23	105	592	0.064	ng	# 50
24) Nitrobenzene	7.40	77	742	0.112	ng	# 18
25) Isophorone	7.40	82	208829	20.079	ng	# 64
28) bis(2-Chloroethoxy)methane	7.76	93	248	0.035	ng	# 1
31) Naphthalene	8.14	128	2486	0.139	ng	# 94
33) 4-Chloroaniline	8.14	127	123	0.016	ng	# 1
35) Caprolactam	8.53	113	527	0.274	ng	# 1
36) 4-Chloro-3-methylphenol	8.70	107	268	0.046	ng	# 17
37) 2-Methylnaphthalene	8.84	142	4386	0.359	ng	# 87
38) 1-Methylnaphthalene	8.93	142	2280	0.195	ng	# 94
46) 1,1'-Biphenyl	9.29	154	1248	0.092	ng	# 76
47) 2-Chloronaphthalene	9.46	162	149	0.014	ng	# 31
48) 2-Nitroaniline	9.43	65	114	0.040	ng	# 21
49) Acenaphthylene	9.73	152	829	0.054	ng	# 1
50) Dimethylphthalate	9.59	163	22203	1.848	ng	# 97
51) 2,6-Dinitrotoluene	9.67	165	821	0.305	ng	# 32
52) Acenaphthene	9.90	154	322	0.035	ng	# 48
53) 3-Nitroaniline	9.82	138	498	0.171	ng	# 8
55) Dibenzofuran	10.09	168	458	0.033	ng	# 36
56) 4-Nitrophenol	9.98	139	616	0.400	ng	# 1
57) 2,4-Dinitrotoluene	10.10	165	819	0.239	ng	# 30
58) Fluorene	10.43	166	842	0.080	ng	# 75
60) Diethylphthalate	10.28	149	730	0.061	ng	# 49
61) 4-Chlorophenyl-phenylether	10.23	204	160	0.028	ng	# 42
62) 4-Nitroaniline	10.37	138	116	0.041	ng	# 46

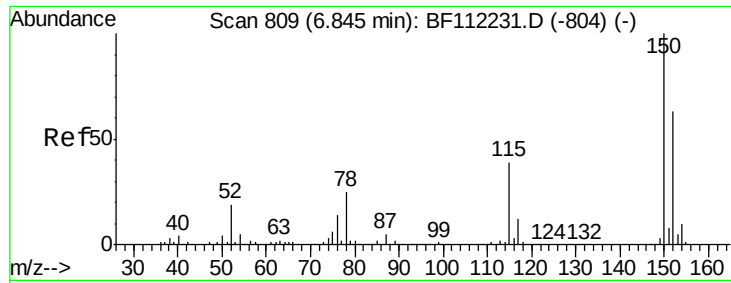
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112547.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) Azobenzene	10.57	77	392	0.037	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.69	198	127	0.088	ng	# 1
66) n-Nitrosodiphenylamine	10.52	169	926	0.106	ng	# 75
67) 4-Bromophenyl-phenylether	10.67	248	3998	1.315	ng	# 1
71) Phenanthrene	11.39	178	4334	0.322	ng	# 87
72) Anthracene	11.45	178	1275	0.095	ng	# 1
73) Carbazole	11.62	167	1981	0.150	ng	# 23
74) Di-n-butylphthalate	11.90	149	971	0.059	ng	# 54
75) Fluoranthene	12.59	202	3655	0.254	ng	71
77) Benzidine	12.72	184	276	0.045	ng	# 1
78) Pyrene	12.82	202	4680	0.305	ng	# 89
80) Butylbenzylphthalate	13.44	149	383	0.052	ng	# 46
81) Benzo(a)anthracene	14.00	228	2099	0.161	ng	# 1
82) 3,3'-Dichlorobenzidine	13.93	252	1476	0.303	ng	# 52
83) Chrysene	14.03	228	3478	0.280	ng	# 47
84) Bis(2-ethylhexyl)phthalate	13.97	149	3134	0.297	ng	# 81
85) Di-n-octyl phthalate	14.59	149	151	0.009	ng	# 1
86) Indeno(1,2,3-cd)pyrene	17.02	276	1516	0.154	ng	94
88) Benzo(b)fluoranthene	15.07	252	3283	0.358	ng	# 1
89) Benzo(k)fluoranthene	15.13	252	526	0.060	ng	# 1
90) Benzo(a)pyrene	15.44	252	1710	0.207	ng	# 1
91) Dibenzo(a,h)anthracene	16.98	278	450	0.068	ng	# 1
92) Benzo(g,h,i)perylene	17.41	276	221	0.035	ng	# 1

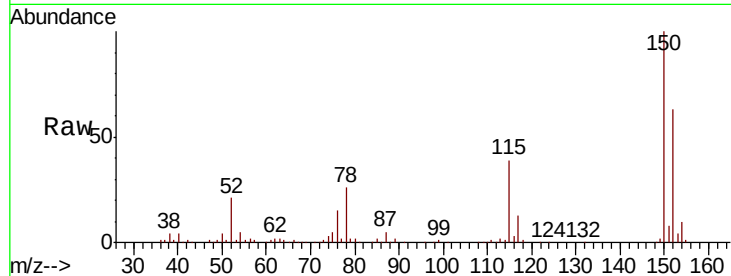
(#) = qualifier out of range (m) = manual integration (+) = signals summed



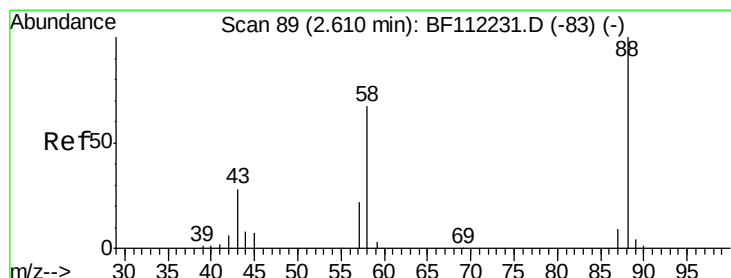
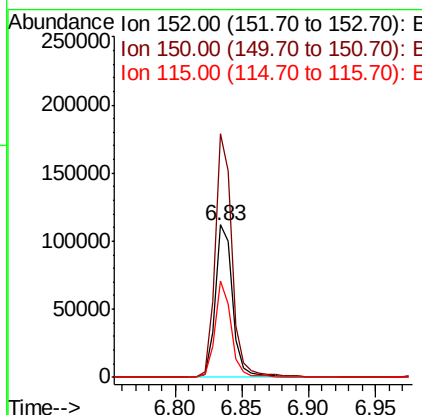
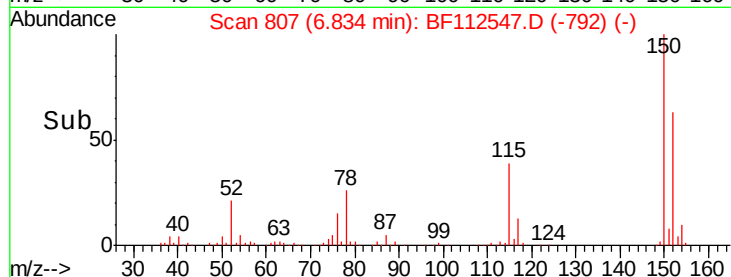
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112547.D
 Acq: 13 Feb 2019 19:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion: 152 Resp: 103658
 Ion Ratio Lower Upper
 152 100
 150 159.9 127.4 191.0
 115 62.9 45.5 68.3

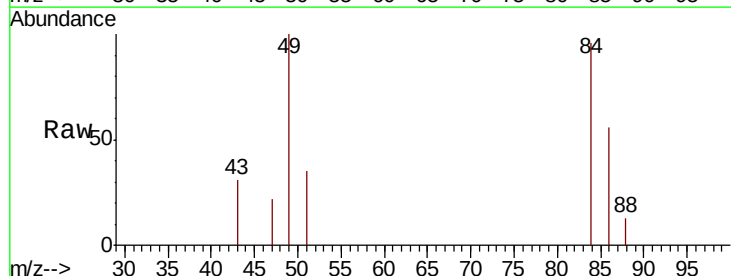


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

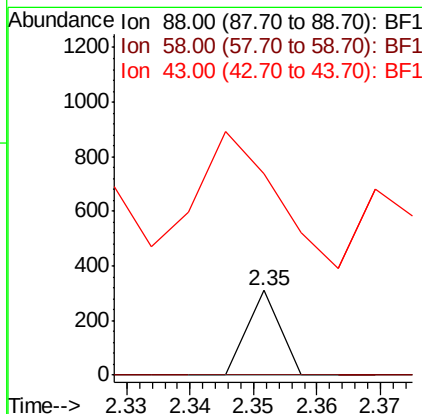
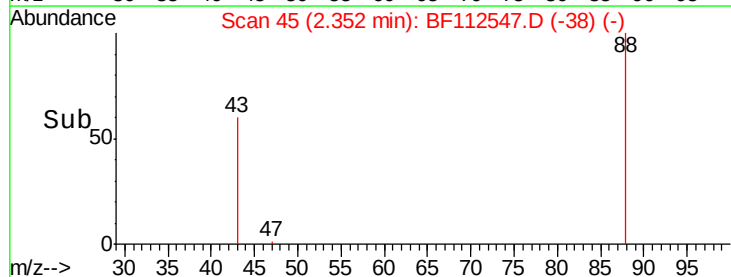


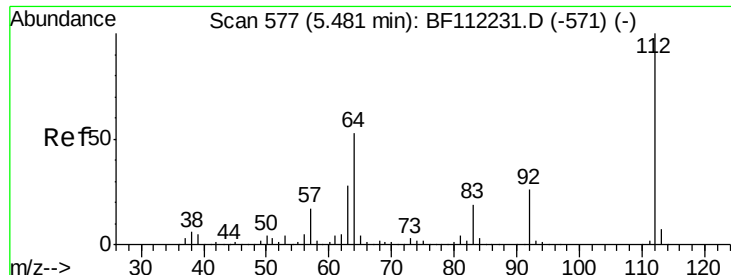
#2
 1,4-Dioxane
 Concen: 0.056 ng
 RT: 2.35 min Scan# 45
 Delta R.T. -0.26 min
 Lab File: BF112547.D
 Acq: 13 Feb 2019 19:06

Tgt Ion: 88 Resp: 109
 Ion Ratio Lower Upper
 88 100
 58 0.0 57.4 86.2#
 43 381.7 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





#5

2-Fluorophenol

Concen: 56.265 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampled :

SB-4

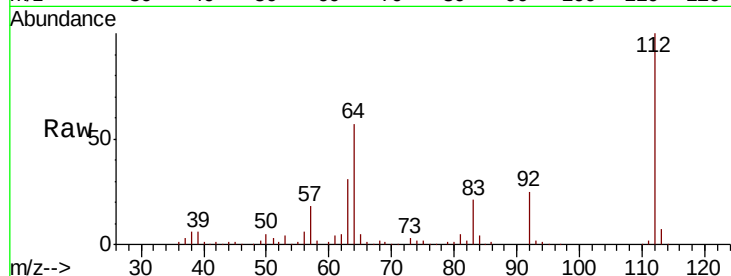
Tgt Ion: 112 Resp: 274585

Ion Ratio Lower Upper

112 100

64 56.6 45.7 68.5

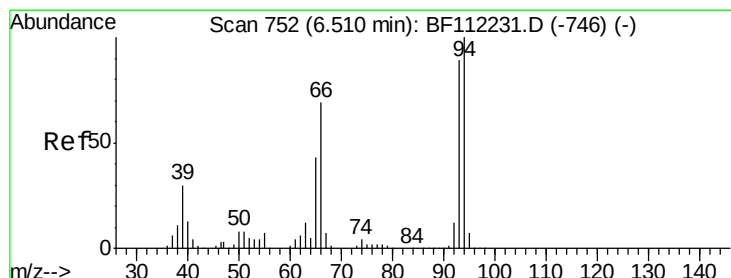
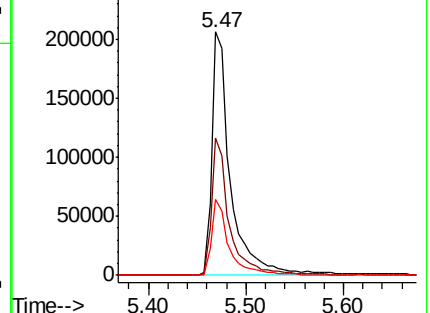
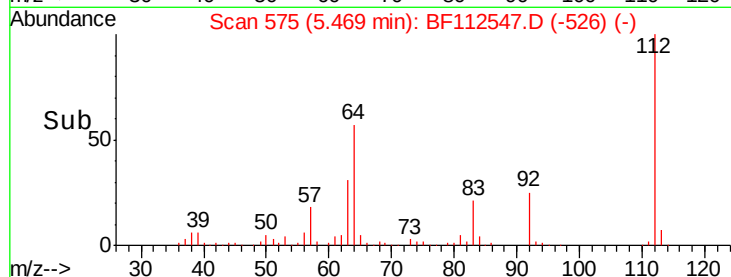
63 31.3 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.042 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.10 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

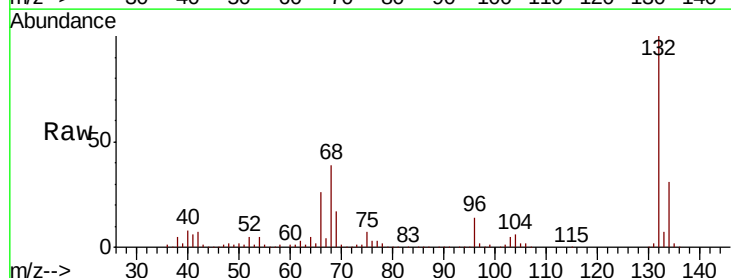
Tgt Ion: 93 Resp: 336

Ion Ratio Lower Upper

93 100

66 16198.8 43.4 65.2#

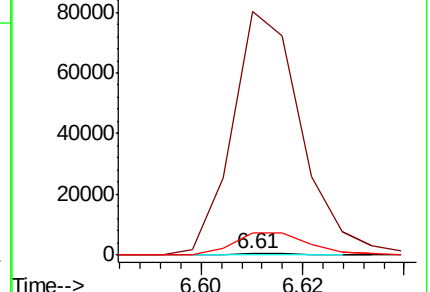
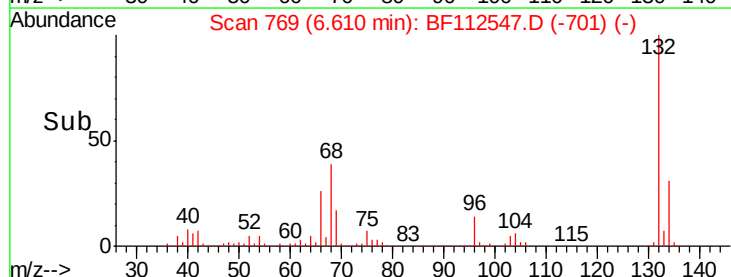
65 1449.5 25.3 37.9#

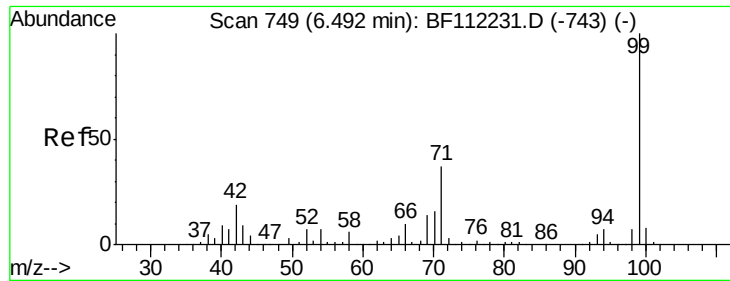


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 51.200 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

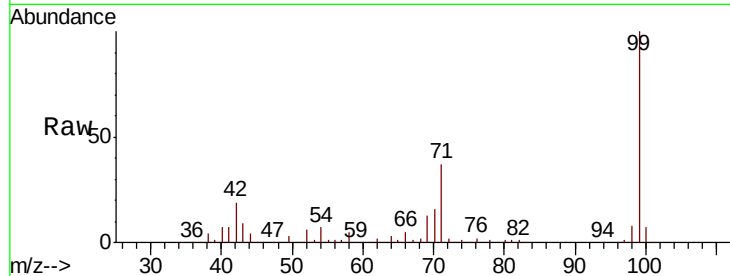
Tgt Ion: 99 Resp: 347202

Ion Ratio Lower Upper

99 100

42 18.6 15.1 22.7

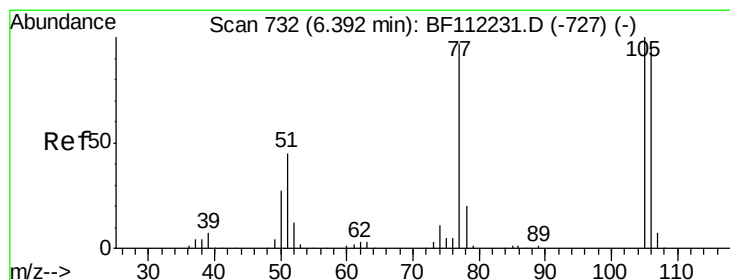
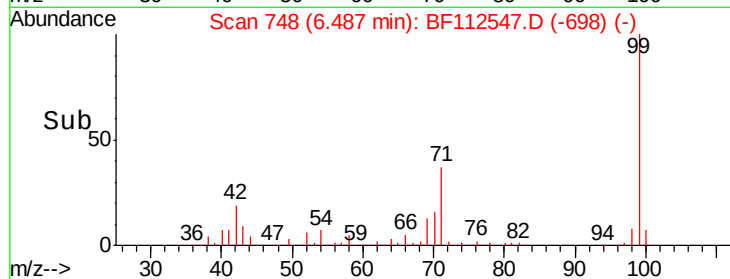
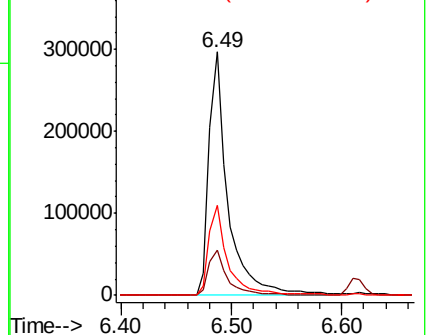
71 37.2 26.9 40.3



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



#9

Benzaldehyde

Concen: 0.077 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.09 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

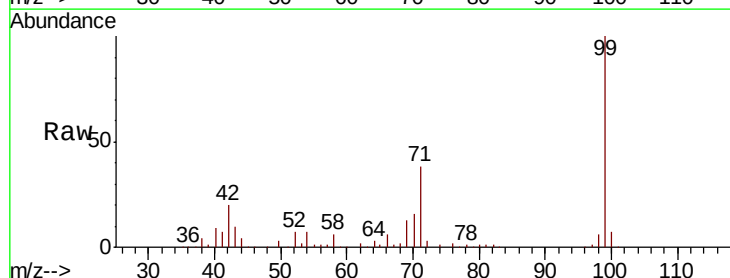
Tgt Ion: 77 Resp: 272

Ion Ratio Lower Upper

77 100

105 0.0 80.8 120.8#

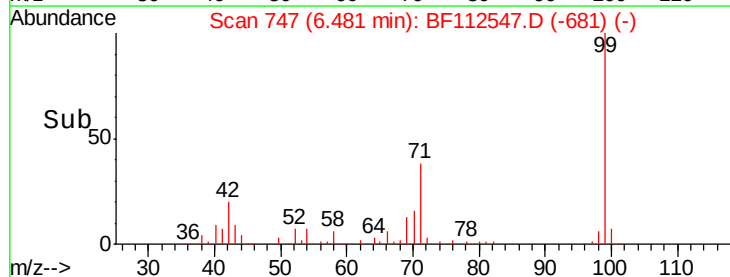
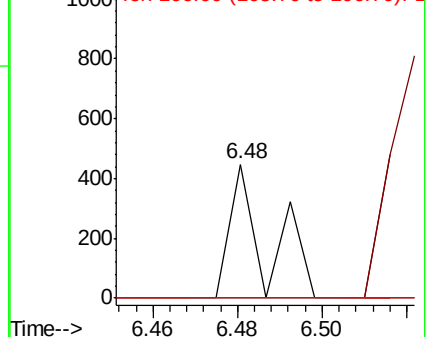
106 0.0 75.7 115.7#

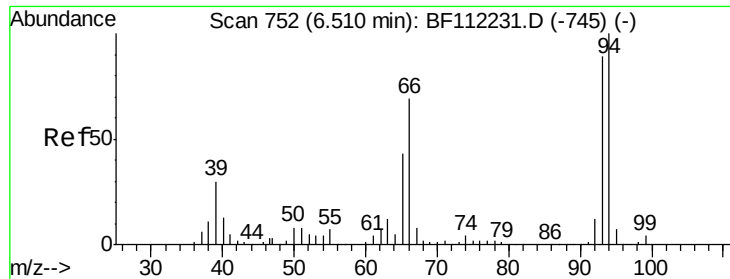


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.743 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

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SB-4

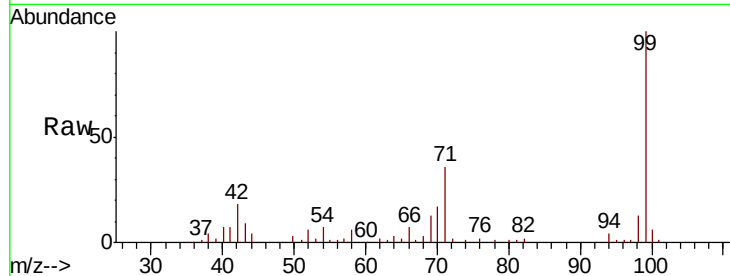
Tgt Ion: 94 Resp: 5529

Ion Ratio Lower Upper

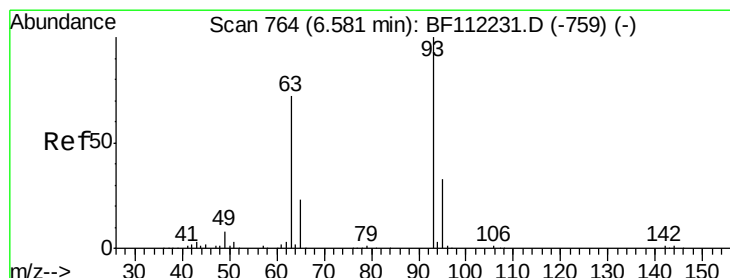
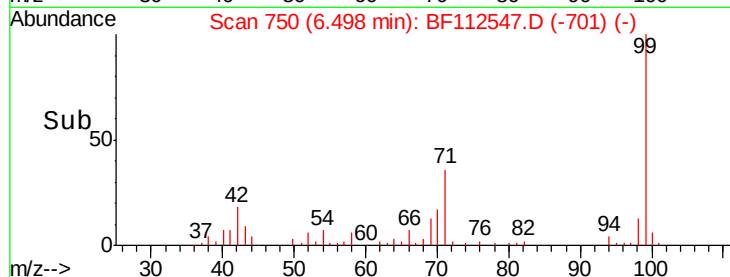
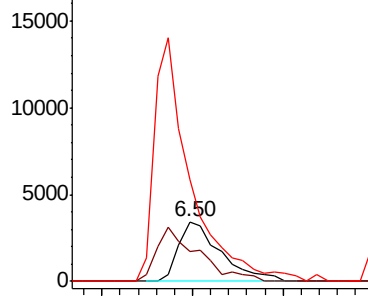
94 100

65 49.5 20.3 60.3

66 170.0 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: 0.057 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.03 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

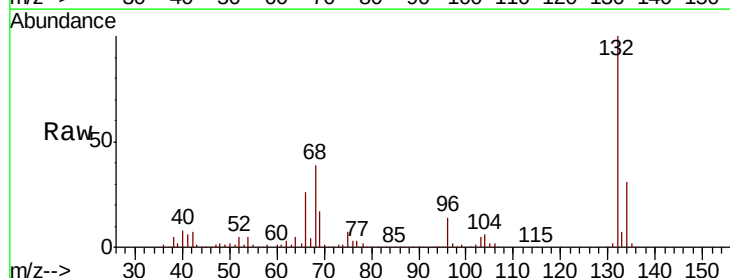
Tgt Ion: 93 Resp: 336

Ion Ratio Lower Upper

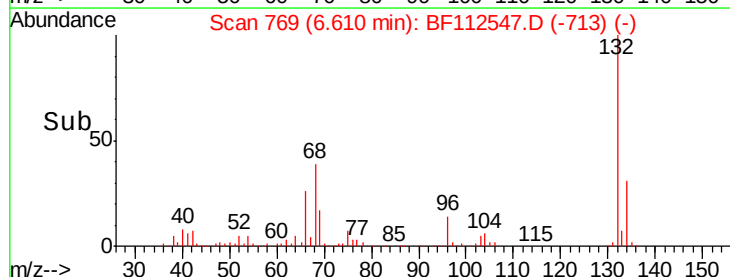
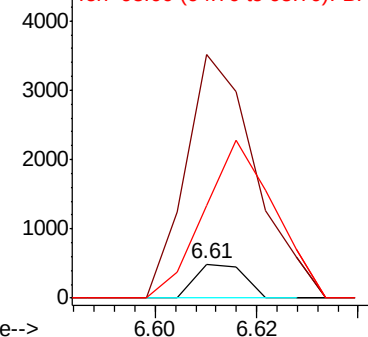
93 100

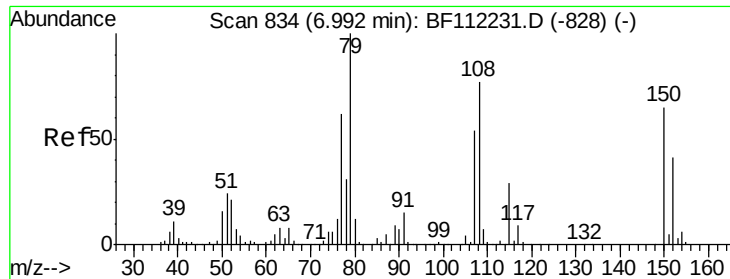
63 709.7 53.3 93.3#

95 268.1 13.4 53.4#



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





#15

Benzyl Alcohol

Concen: 0.687 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

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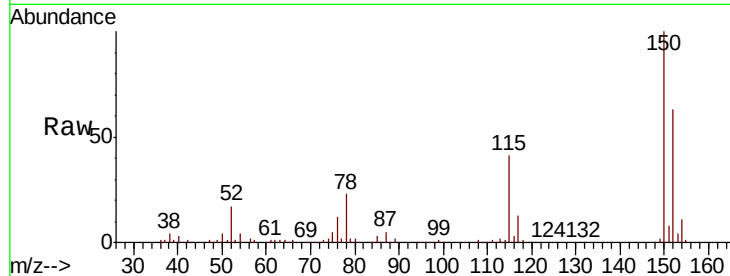
Tgt Ion: 79 Resp: 3926

Ion Ratio Lower Upper

79 100

108 33.3 64.2 96.2#

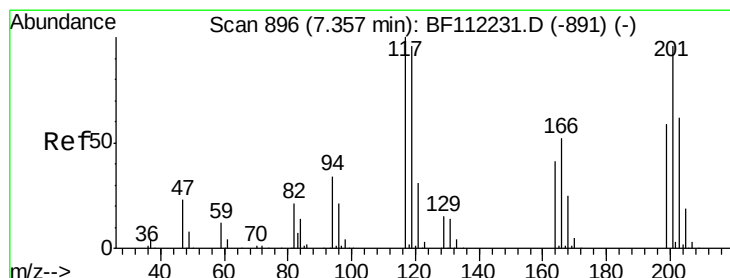
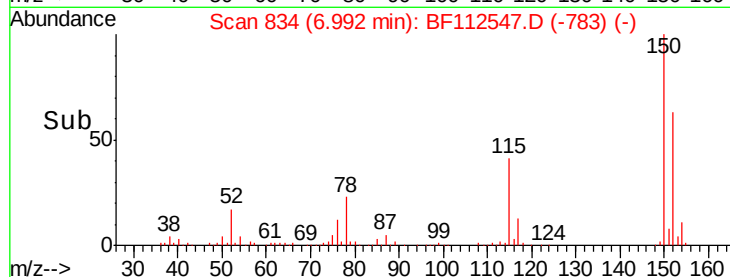
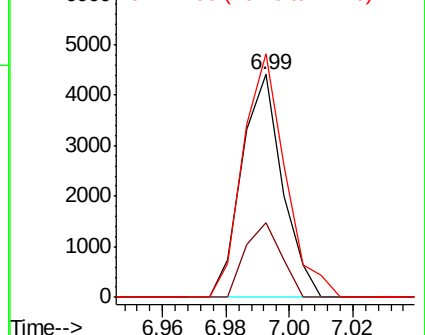
77 109.1 50.3 75.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1



#18

Hexachloroethane

Concen: 0.120 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.04 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

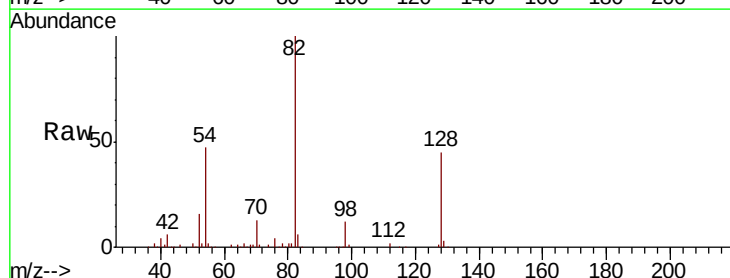
Tgt Ion: 117 Resp: 332

Ion Ratio Lower Upper

117 100

119 0.0 77.0 115.4#

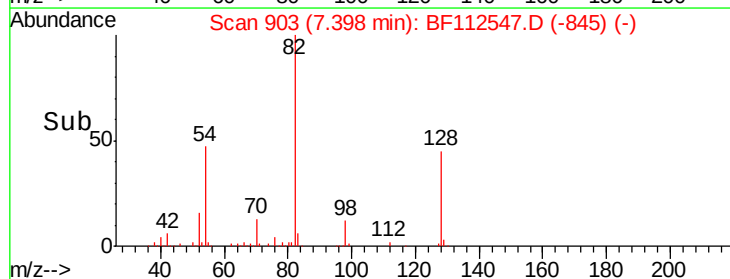
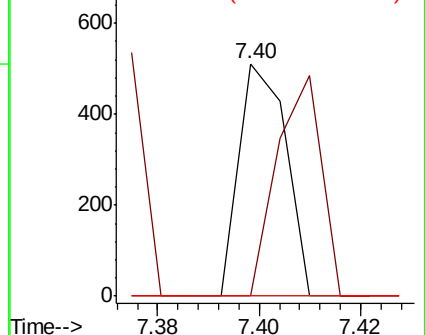
201 0.0 74.1 111.1#

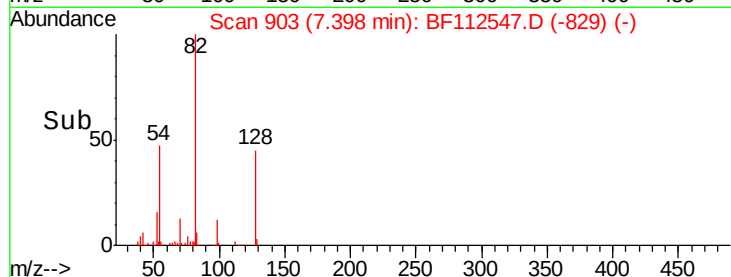
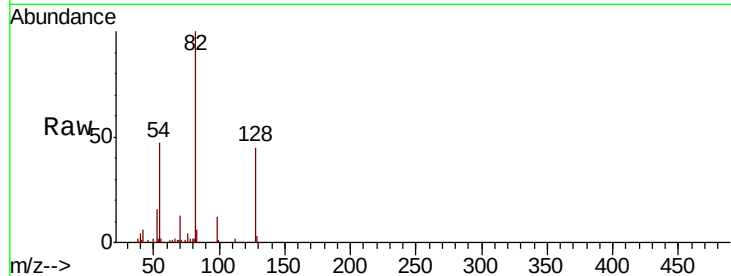
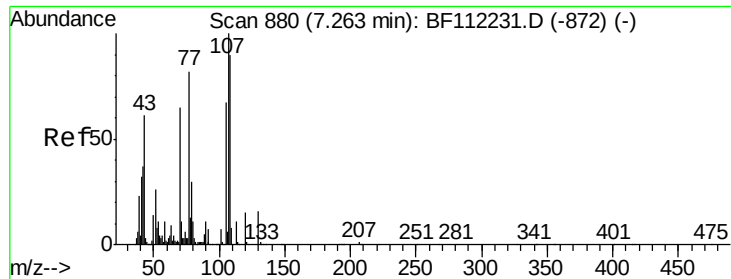


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

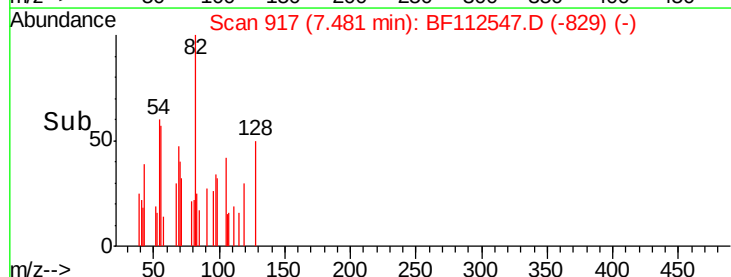
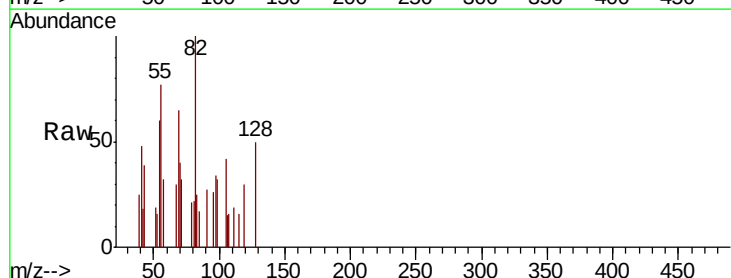
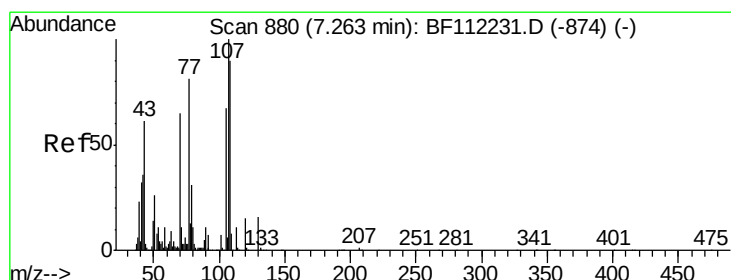
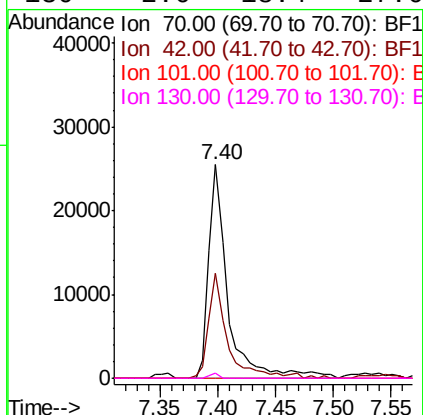




#19
n-Nitroso-di-n-propylamine
Concen: 6.266 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

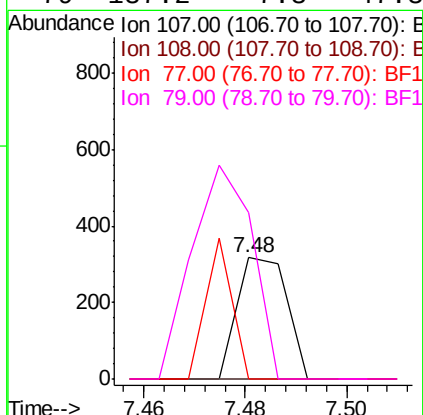
Instrument :
BNA_F
ClientSampleId :
SB-4

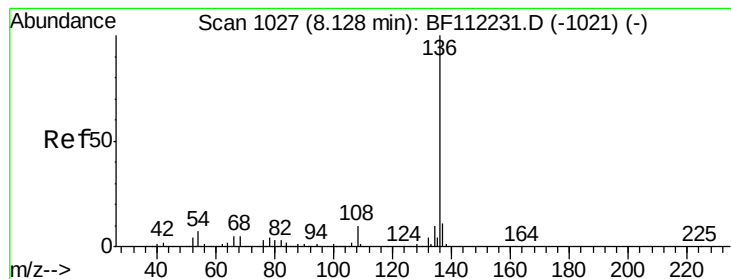
Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.6	71.4
101	0.0	7.9	11.9#
130	2.6	18.4	27.6#



#20
3+4-Methylphenols
Concen: 0.033 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.22 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.2	108.2#
77	0.0	100.7	140.7#
79	137.2	7.3	47.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

Tgt Ion:136 Resp: 381988

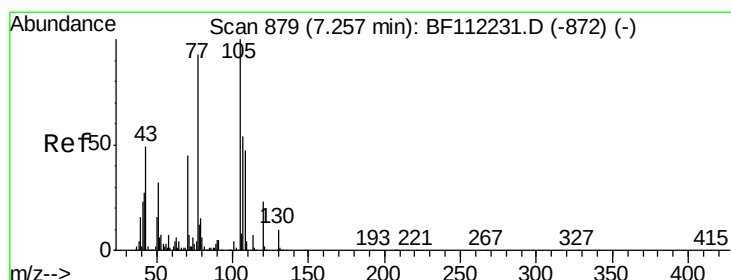
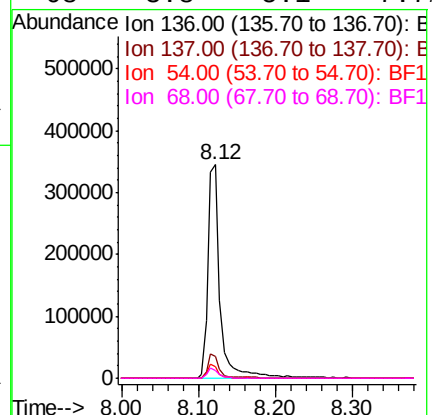
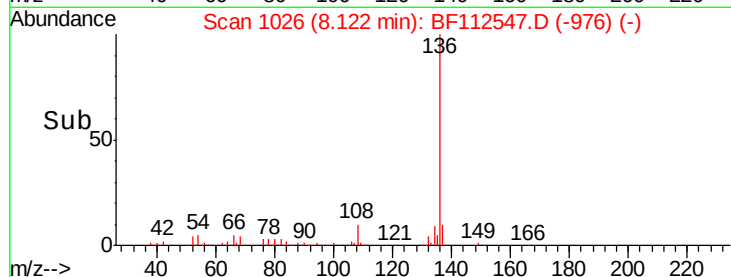
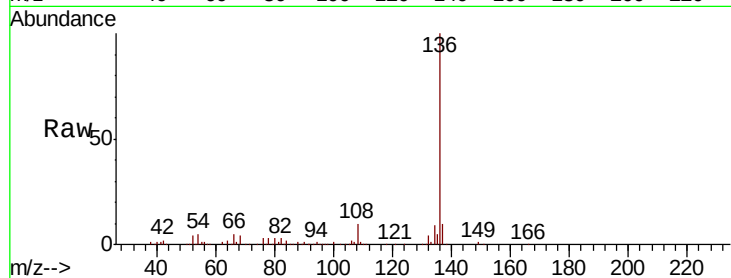
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.4 5.9 8.9#

68 3.8 5.1 7.7#



#22

Acetophenone

Concen: 0.064 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.03 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Tgt Ion:105 Resp: 592

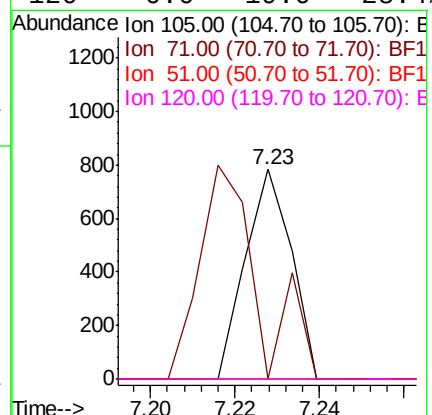
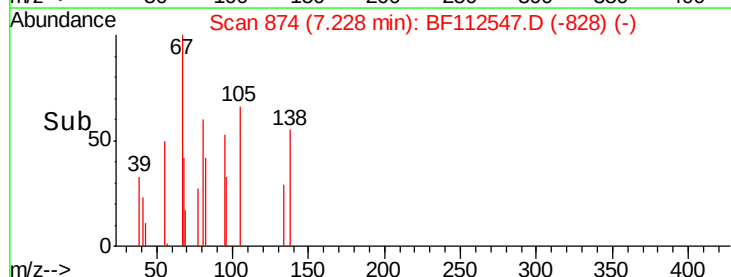
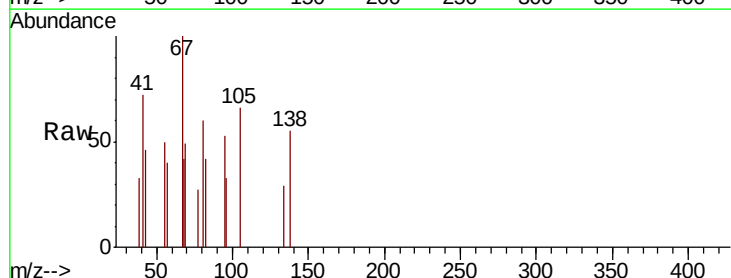
Ion Ratio Lower Upper

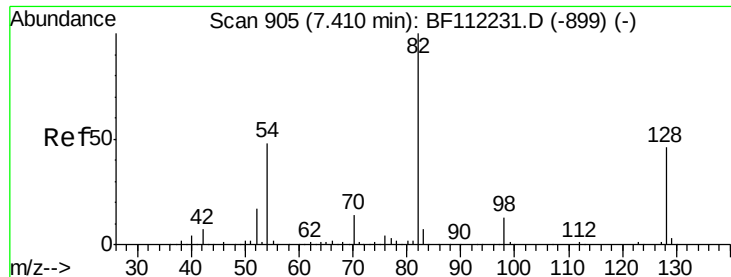
105 100

71 0.0 4.6 6.8#

51 0.0 25.0 37.6#

120 0.0 19.0 28.4#

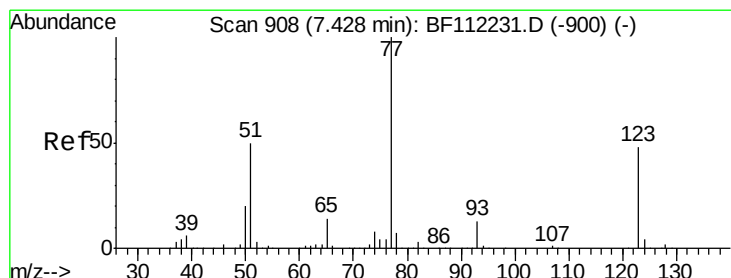
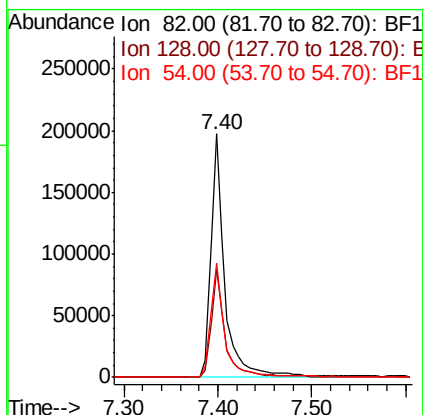
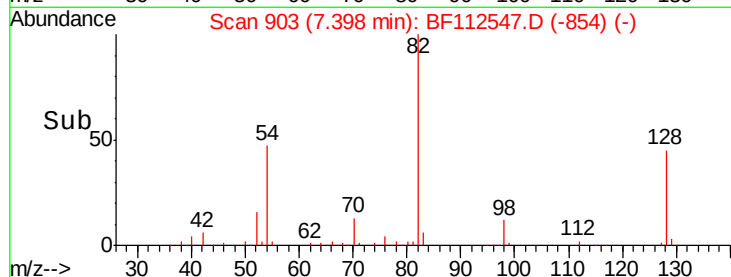
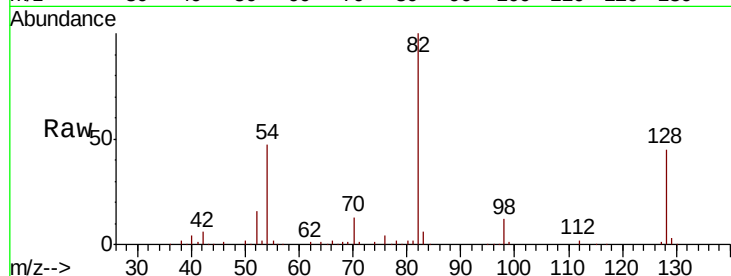




#23
Nitrobenzene-d5
Concen: 31.500 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

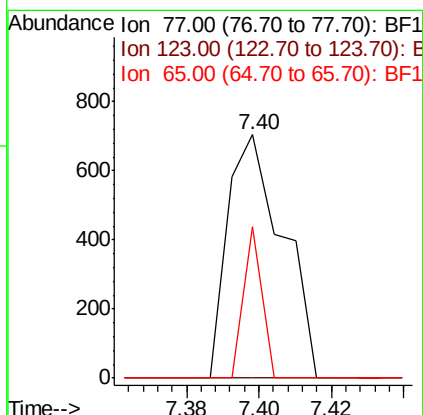
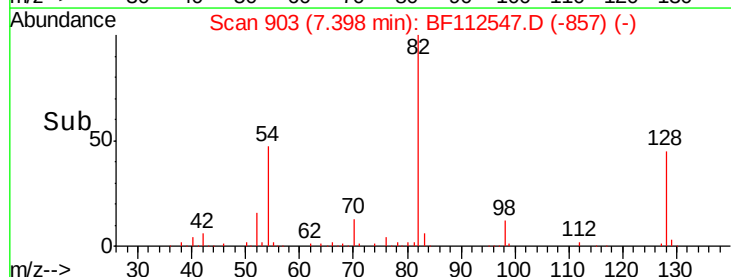
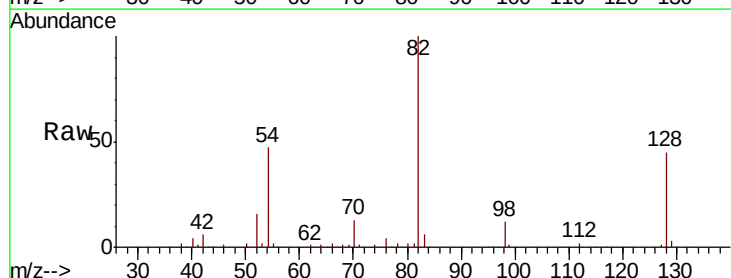
Instrument :
BNA_F
ClientSampled :
SB-4

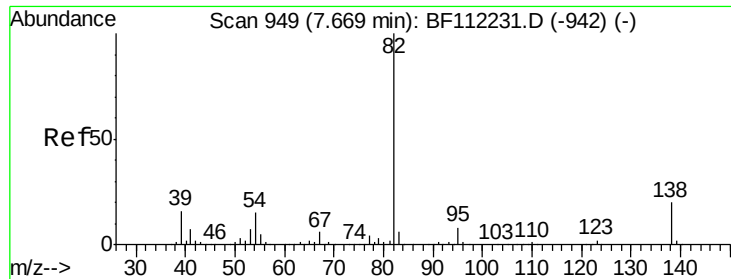
Tgt Ion: 82 Resp: 208831
Ion Ratio Lower Upper
82 100
128 44.5 37.8 56.8
54 46.9 39.7 59.5



#24
Nitrobenzene
Concen: 0.112 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.03 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Tgt Ion: 77 Resp: 742
Ion Ratio Lower Upper
77 100
123 0.0 38.4 57.6#
65 62.0 10.6 15.8#





#25

Isophorone

Concen: 20.079 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampled :

SB-4

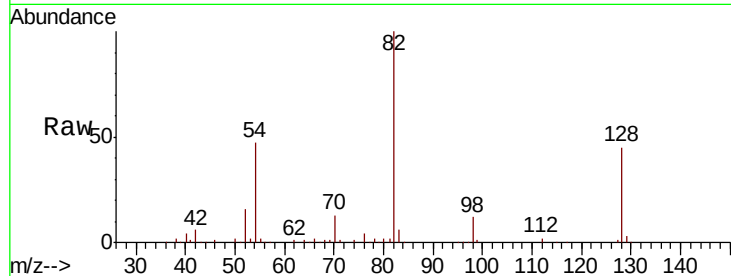
Tgt Ion: 82 Resp: 208829

Ion Ratio Lower Upper

82 100

95 0.2 5.7 8.5#

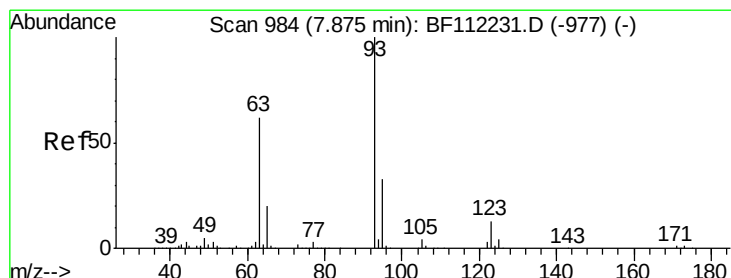
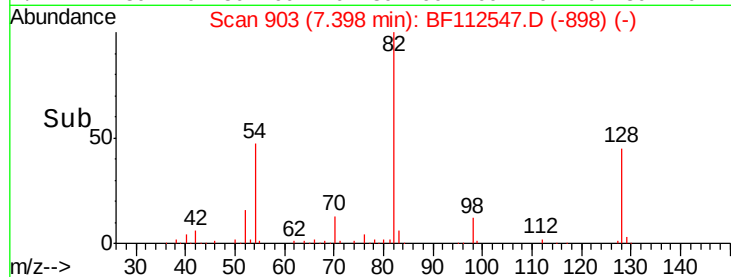
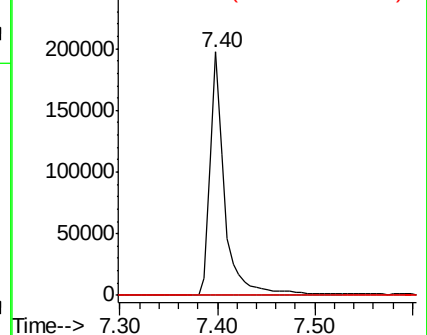
138 0.0 15.4 23.0#



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



#28

bis(2-Chloroethoxy)methane

Concen: 0.035 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.11 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

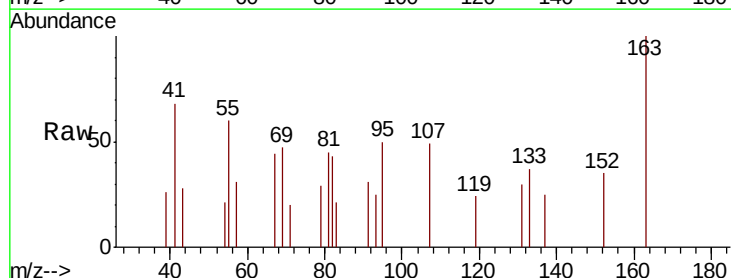
Tgt Ion: 93 Resp: 248

Ion Ratio Lower Upper

93 100

95 195.0 26.8 40.2#

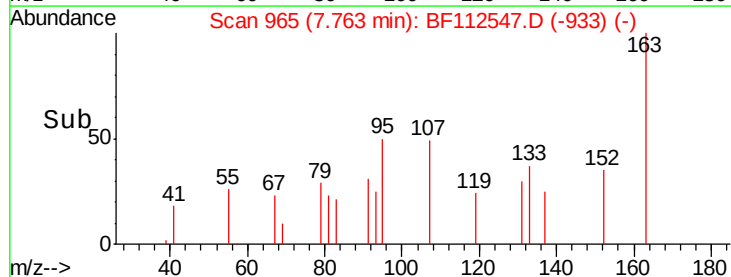
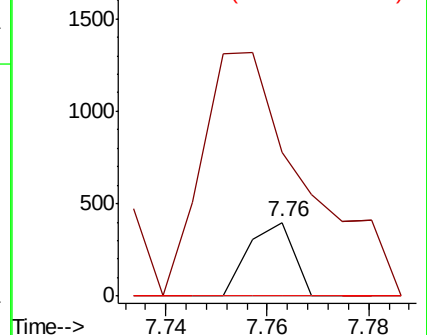
123 0.0 10.2 15.2#

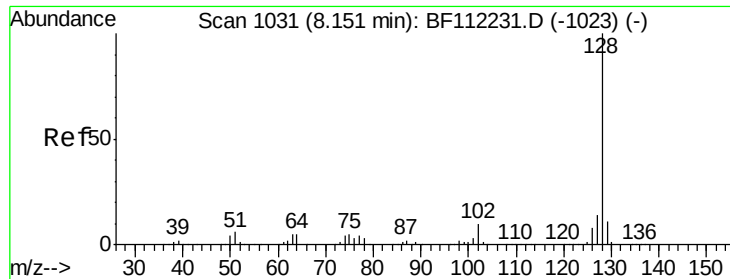


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

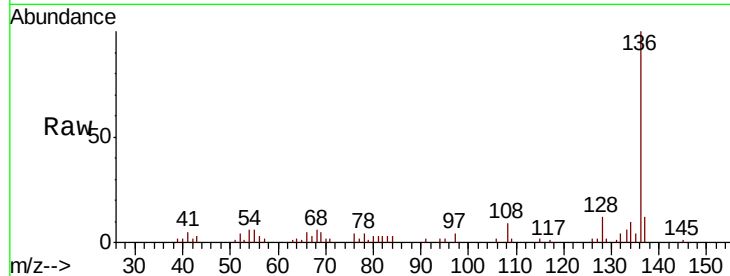




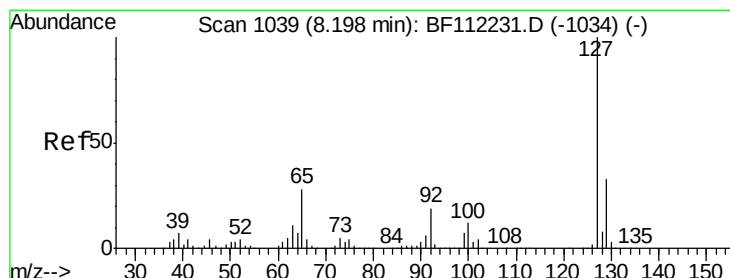
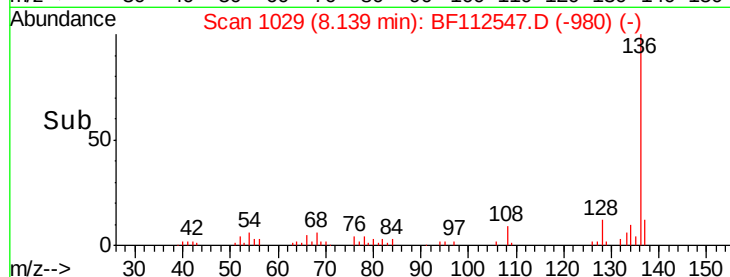
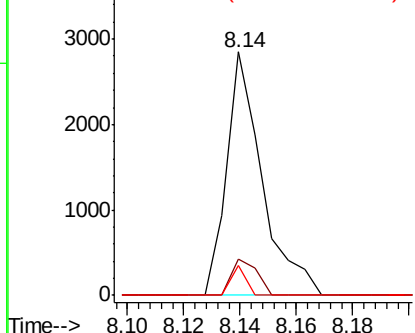
#31
Naphthalene
Concen: 0.139 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:128 Resp: 2486
Ion Ratio Lower Upper
128 100
129 15.1 9.6 14.4#
127 12.2 11.1 16.7

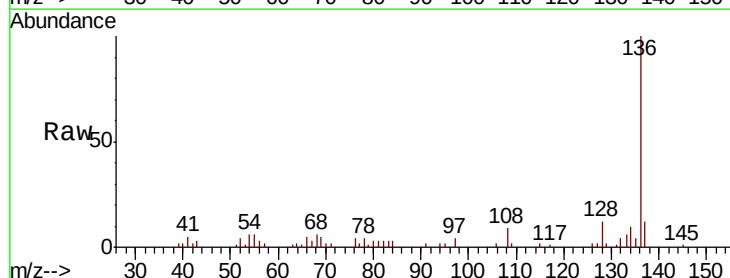


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

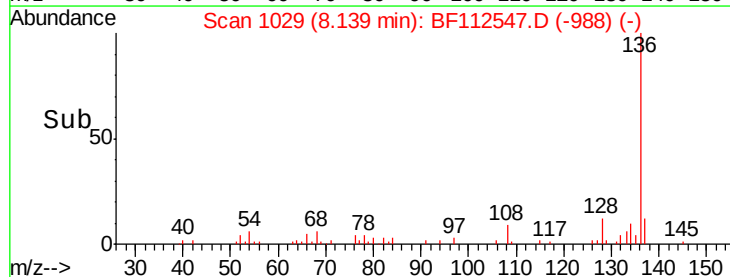
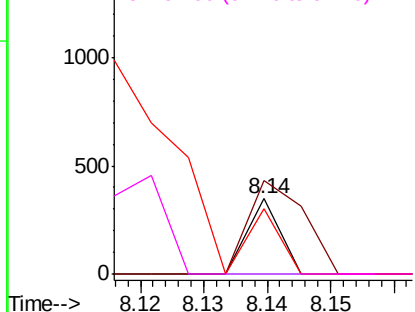


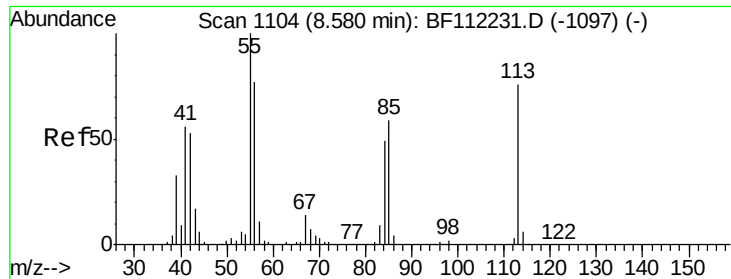
#33
4-Chloroaniline
Concen: 0.016 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Tgt Ion:127 Resp: 123
Ion Ratio Lower Upper
127 100
129 123.9 26.6 39.8#
65 86.8 21.4 32.2#
92 0.0 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





#35

Caprolactam

Concen: 0.274 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.05 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

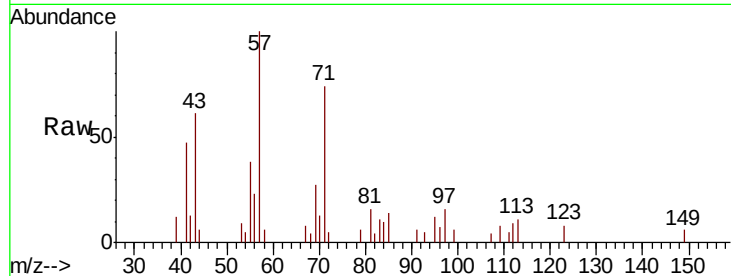
Tgt Ion:113 Resp: 527

Ion Ratio Lower Upper

113 100

55 341.7 121.6 161.6#

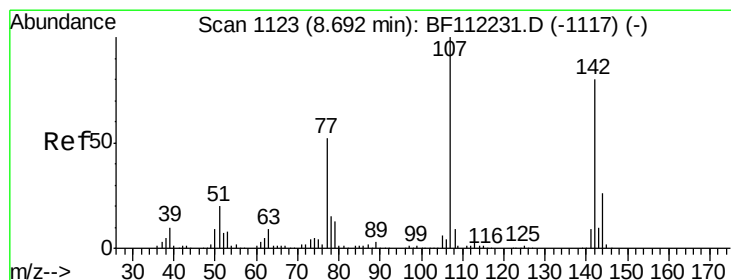
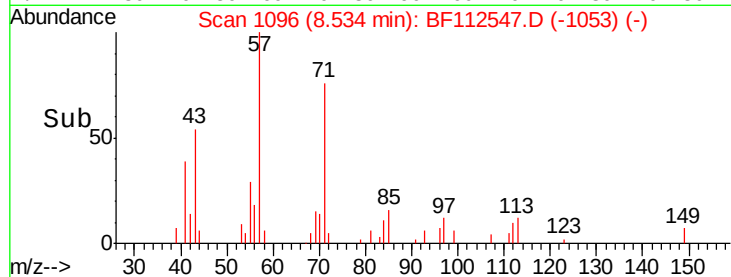
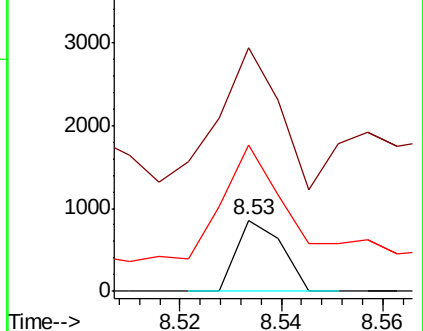
56 205.7 86.7 126.7#



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: 0.046 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

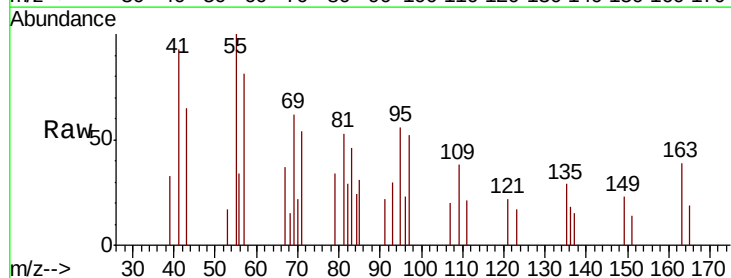
Tgt Ion:107 Resp: 268

Ion Ratio Lower Upper

107 100

144 0.0 22.2 33.2#

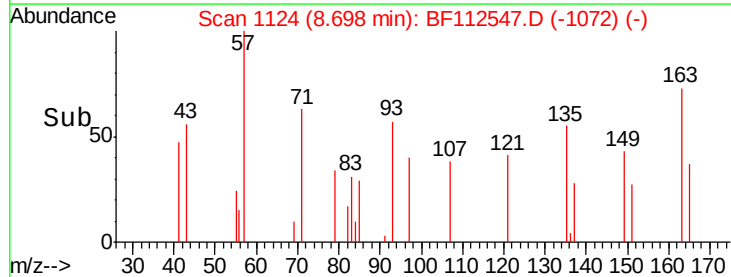
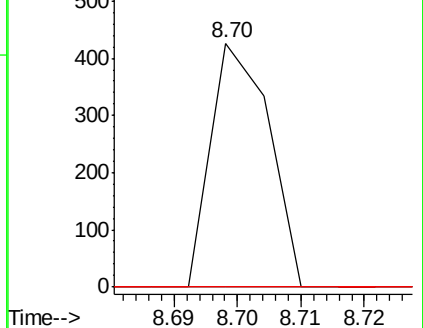
142 0.0 67.7 101.5#

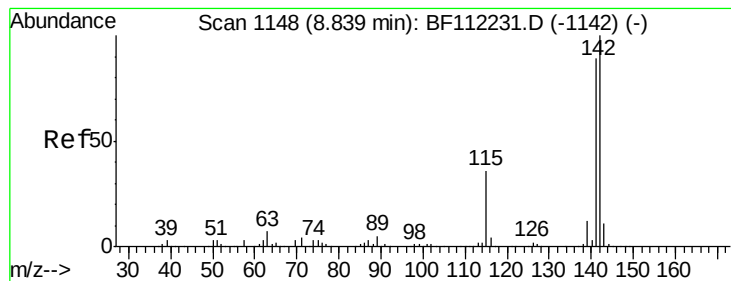


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.359 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

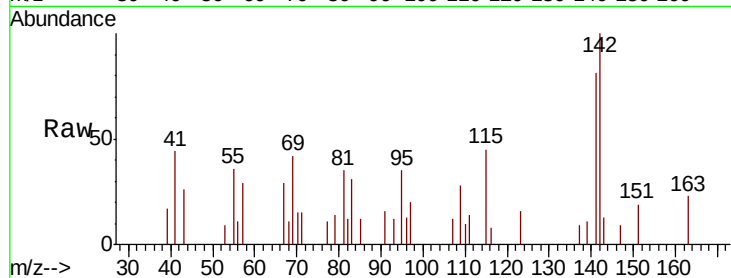
Tgt Ion:142 Resp: 4386

Ion Ratio Lower Upper

142 100

141 81.3 70.9 106.3

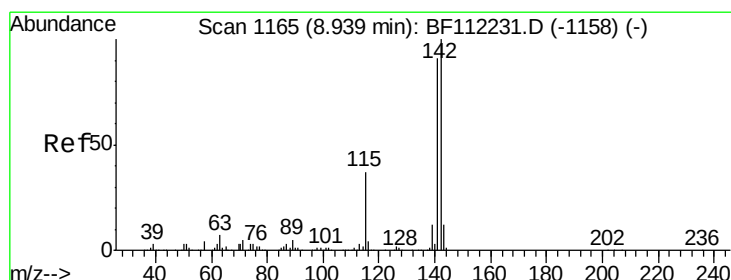
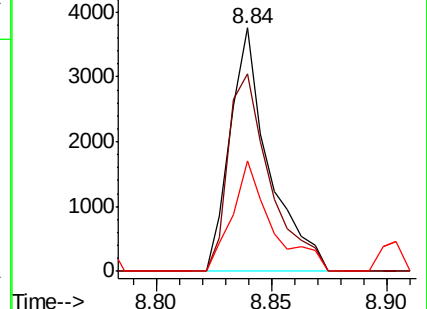
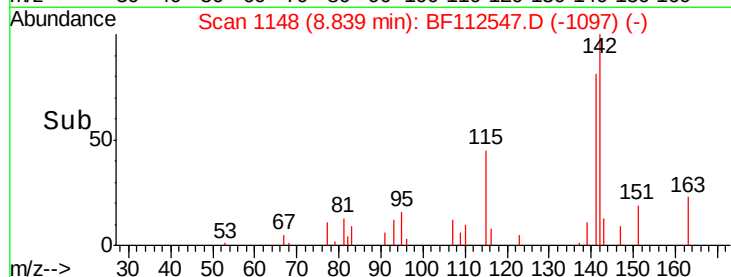
115 45.4 24.9 37.3#



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: 0.195 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

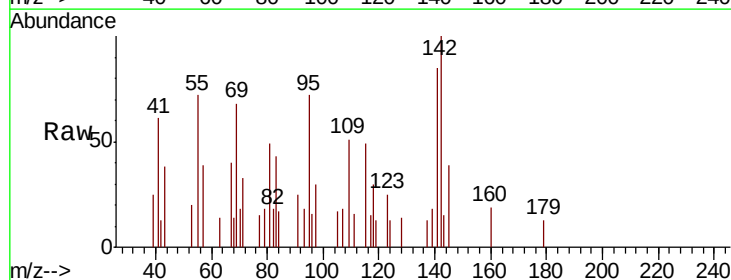
Tgt Ion:142 Resp: 2280

Ion Ratio Lower Upper

142 100

141 85.3 72.6 108.8

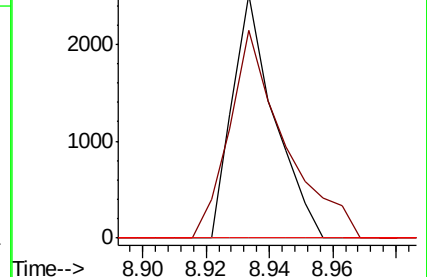
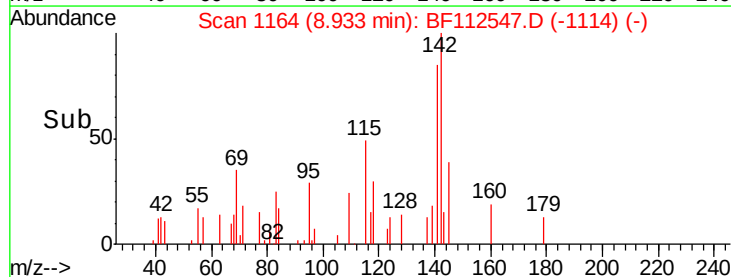
116 0.0 2.8 4.2#

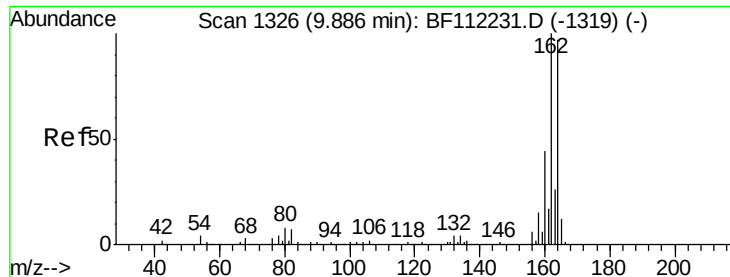


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

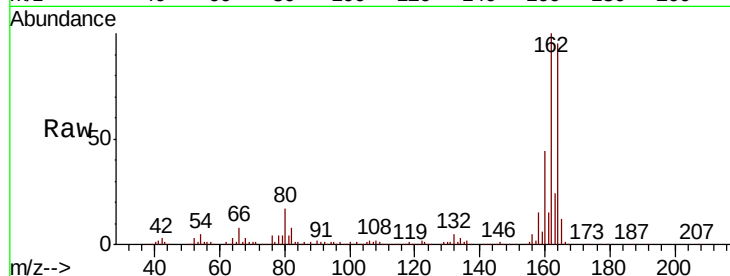




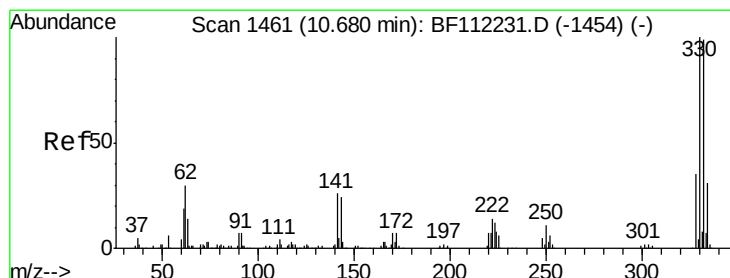
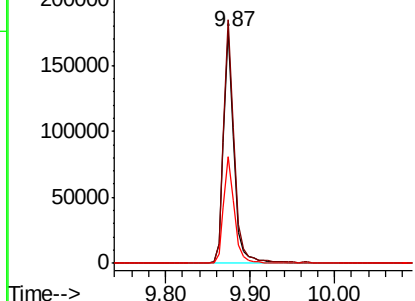
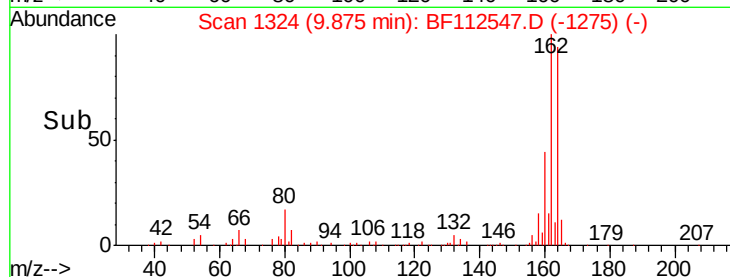
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:164 Resp: 154608
Ion Ratio Lower Upper
164 100
162 105.0 82.2 123.4
160 46.2 36.2 54.4

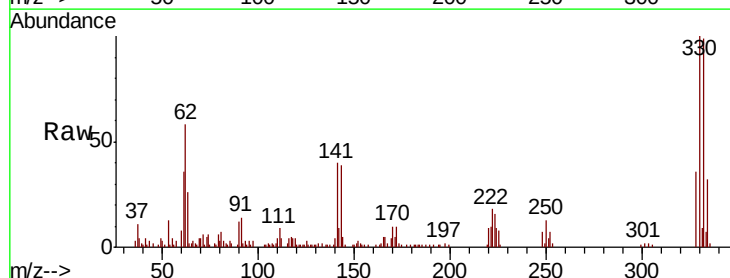


Abundance Ion 164.00 (163.70 to 164.70): E
250000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

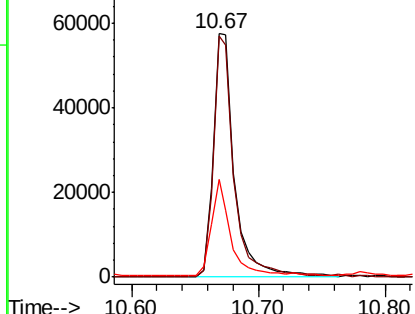
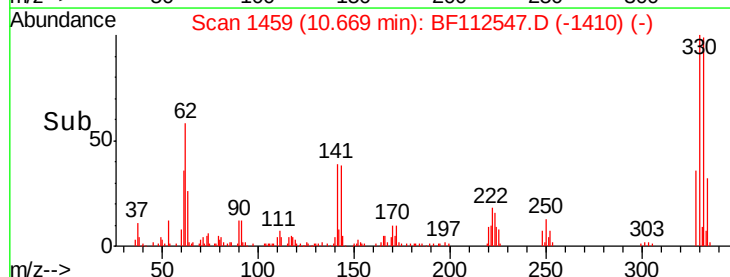


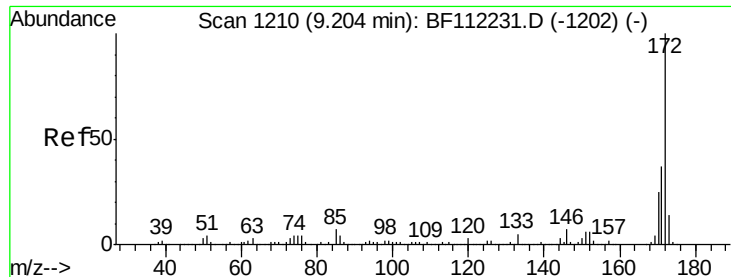
#42
2,4,6-Tribromophenol
Concen: 37.972 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Tgt Ion:330 Resp: 68335
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 36.3 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
80000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

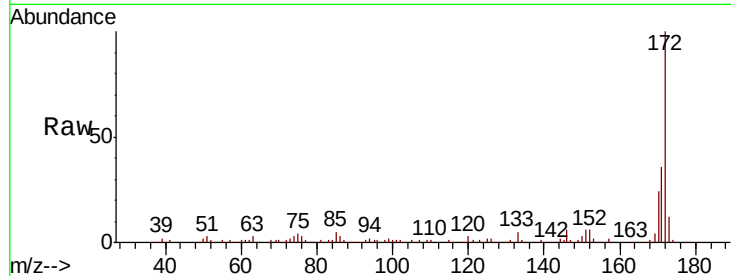




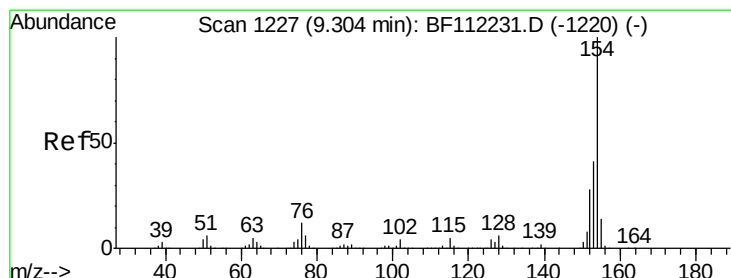
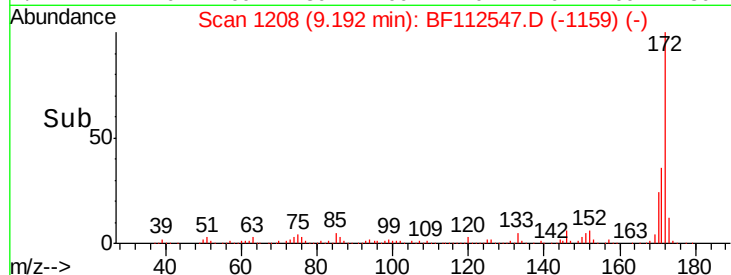
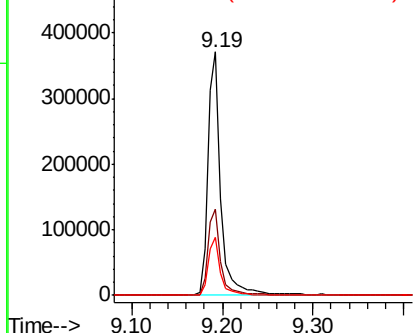
#45
2-Fluorobiphenyl
Concen: 34.276 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:172 Resp: 374691
Ion Ratio Lower Upper
172 100
171 35.6 30.5 45.7
170 23.6 20.2 30.4

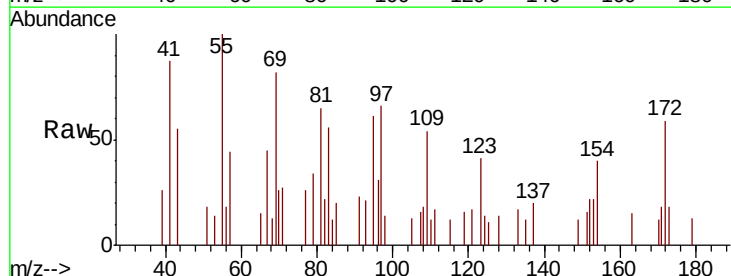


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

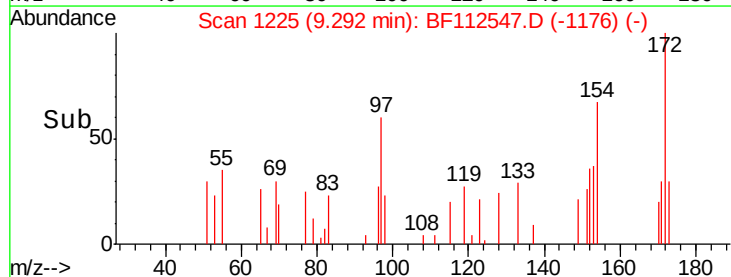
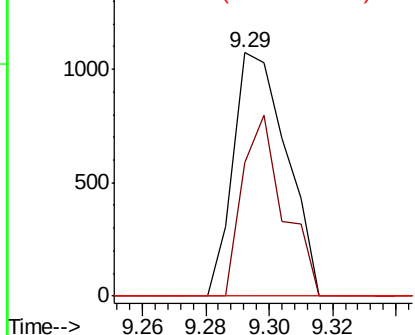


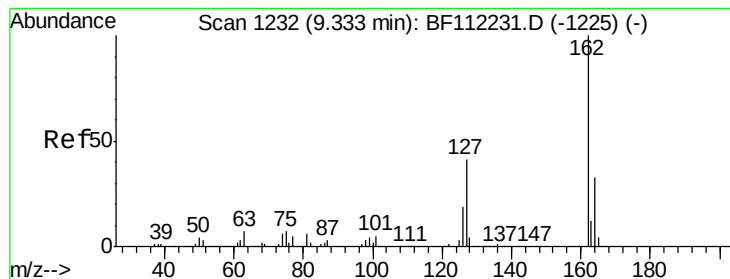
#46
1,1'-Biphenyl
Concen: 0.092 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Tgt Ion:154 Resp: 1248
Ion Ratio Lower Upper
154 100
153 54.6 21.5 61.5
76 0.0 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: 0.014 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.13 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

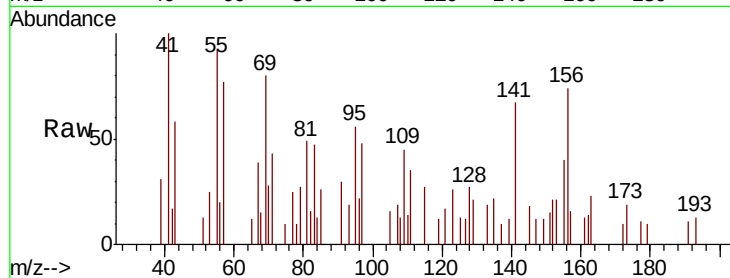
Tgt Ion: 162 Resp: 149

Ion Ratio Lower Upper

162 100

127 84.4 30.4 45.6#

164 0.0 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

9.46

400

300

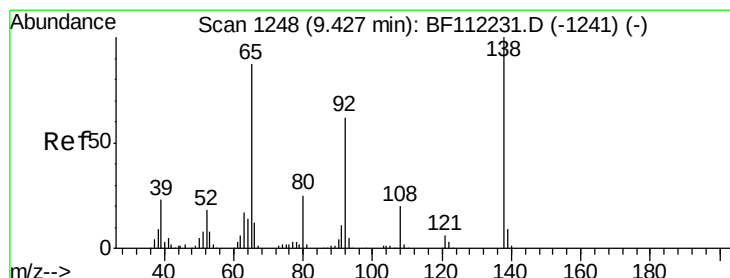
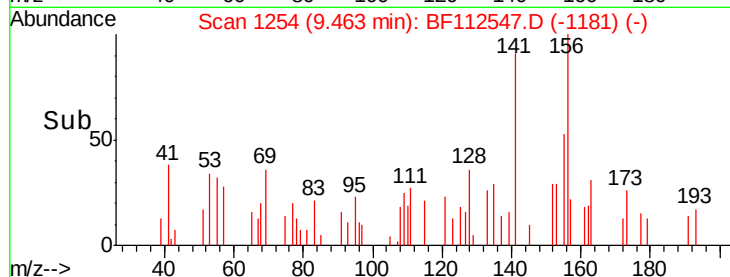
200

100

0

9.44 9.45 9.46 9.47 9.48

Time-->



#48

2-Nitroaniline

Concen: 0.040 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

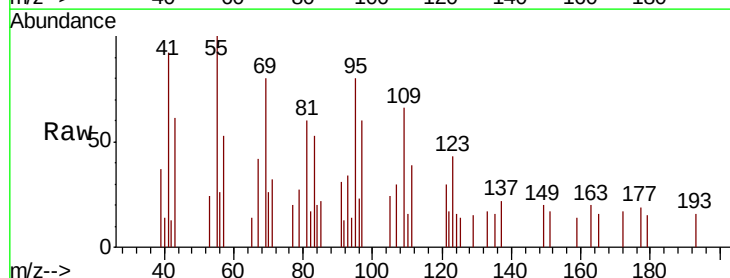
Tgt Ion: 65 Resp: 114

Ion Ratio Lower Upper

65 100

92 94.7 60.4 90.6#

138 0.0 104.4 156.6#



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

9.43

400

300

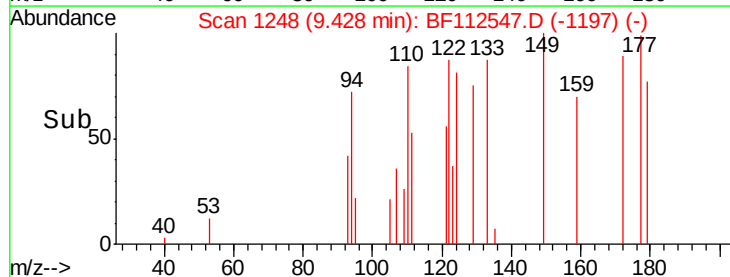
200

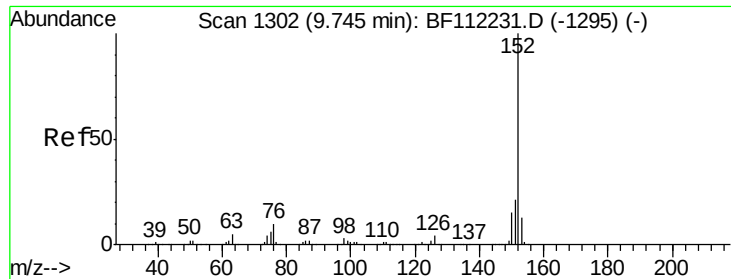
100

0

9.42 9.43 9.44

Time-->





#49

Acenaphthylene

Concen: 0.054 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

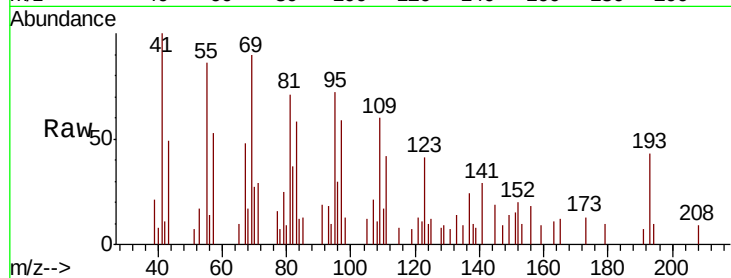
Tgt Ion:152 Resp: 829

Ion Ratio Lower Upper

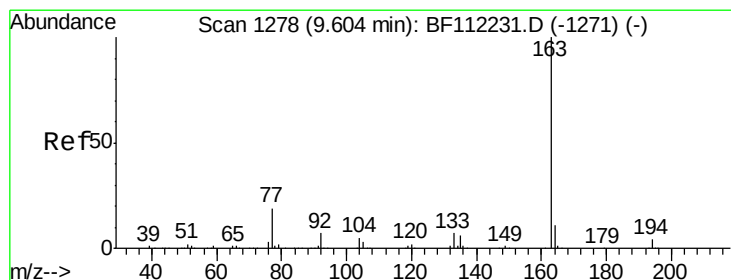
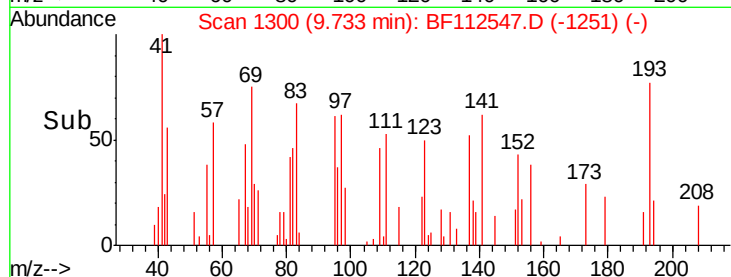
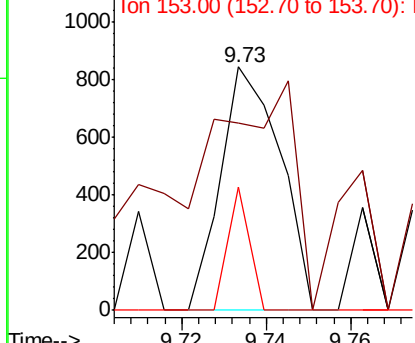
152 100

151 76.7 17.0 25.6#

153 50.5 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: 1.848 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

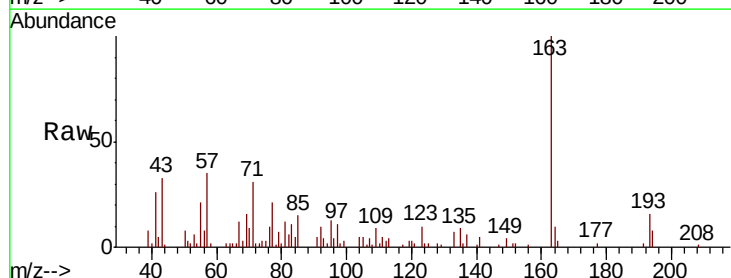
Tgt Ion:163 Resp: 22203

Ion Ratio Lower Upper

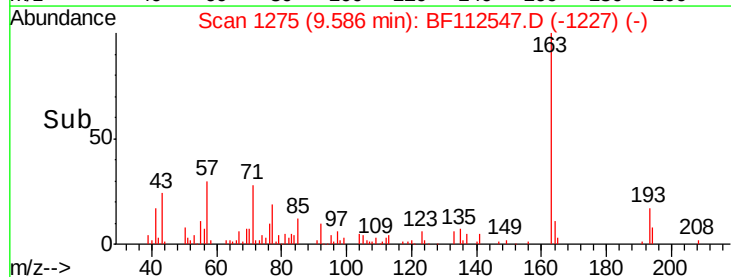
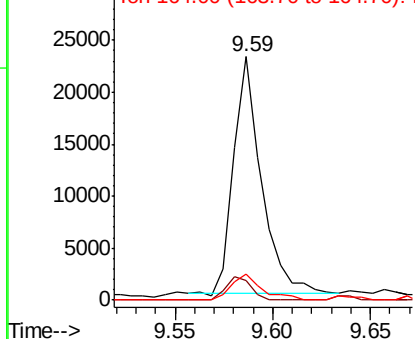
163 100

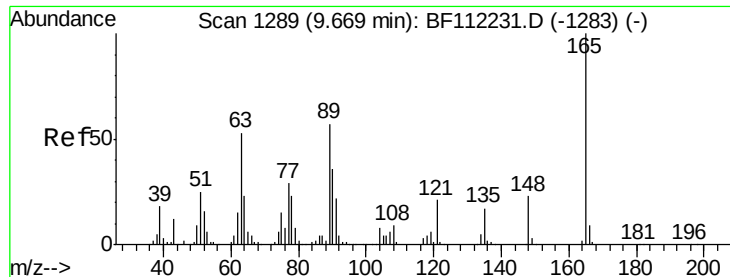
194 7.8 3.3 4.9#

164 10.4 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: 0.305 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

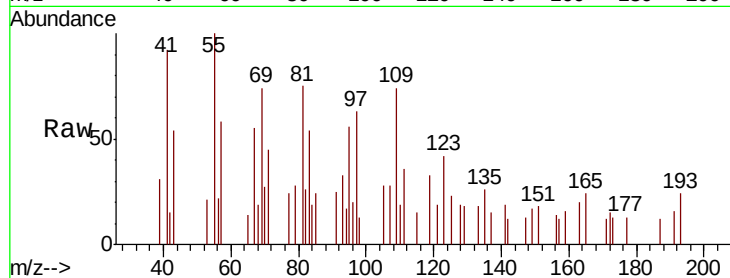
Tgt Ion:165 Resp: 821

Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.8#

89 0.0 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

800

600

400

200

0

9.66

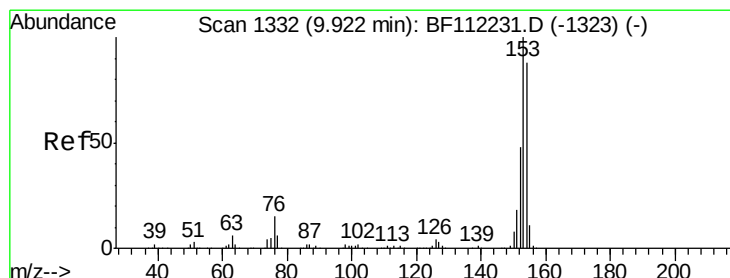
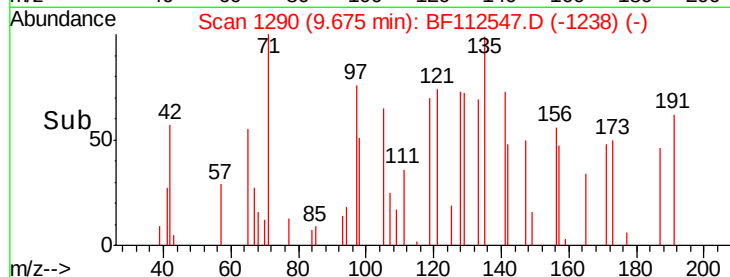
9.67

9.68

9.69

9.70

Time-->



#52

Acenaphthene

Concen: 0.035 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

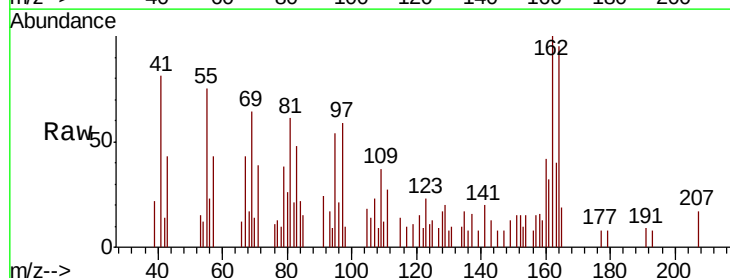
Tgt Ion:154 Resp: 322

Ion Ratio Lower Upper

154 100

153 65.1 89.8 134.6#

152 103.6 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

1000

800

600

400

200

0

9.89

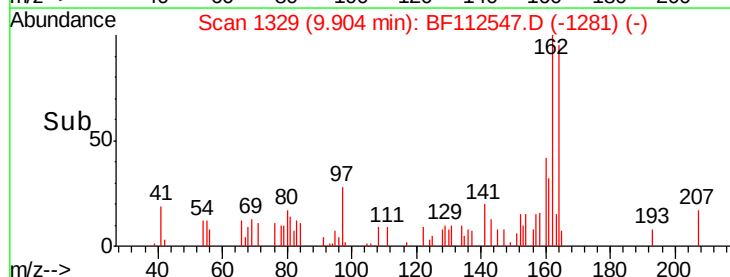
9.90

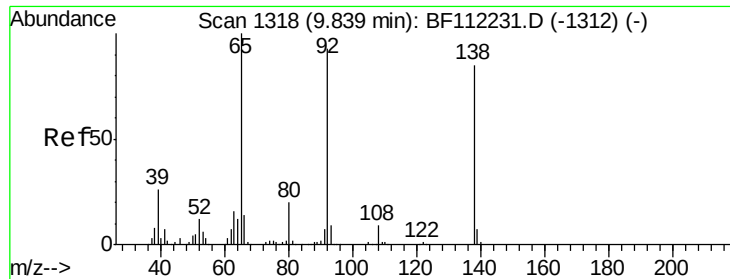
9.91

9.92

9.93

Time-->

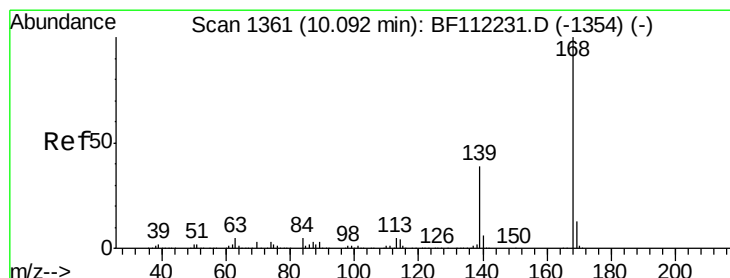
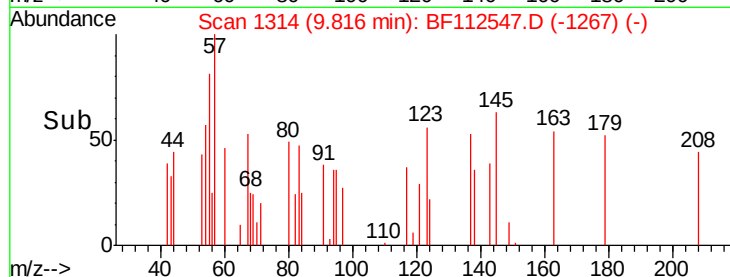
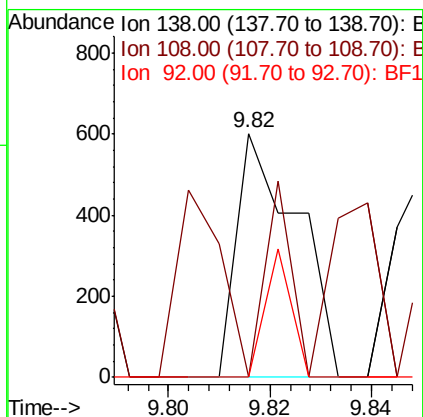
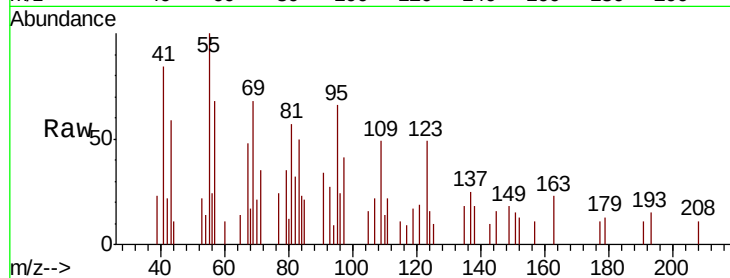




#53
 3-Nitroaniline
 Concen: 0.171 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF112547.D
 Acq: 13 Feb 2019 19:06

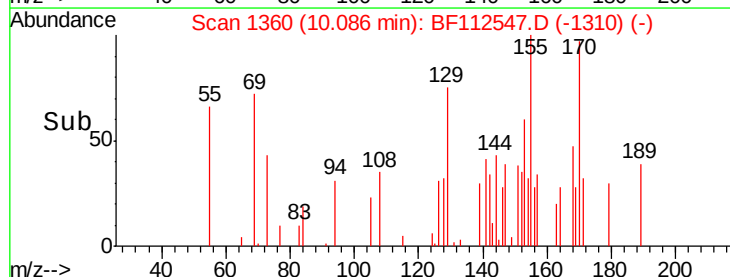
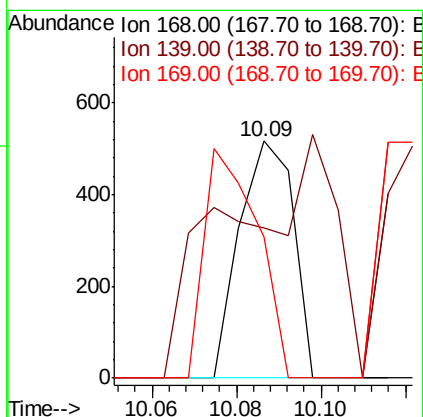
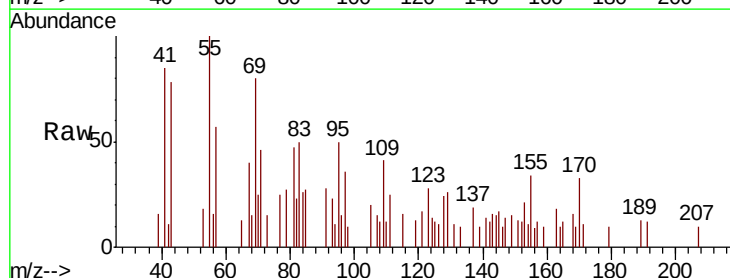
Instrument :
 BNA_F
 ClientSampleID :
 SB-4

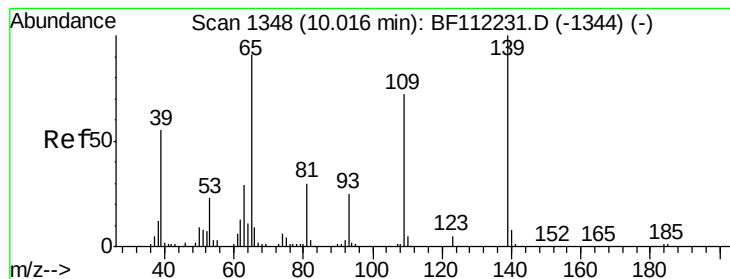
Tgt Ion:138 Resp: 498
 Ion Ratio Lower Upper
 138 100
 108 0.0 9.8 14.6#
 92 0.0 79.4 119.2#



#55
 Dibenzofuran
 Concen: 0.033 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF112547.D
 Acq: 13 Feb 2019 19:06

Tgt Ion:168 Resp: 458
 Ion Ratio Lower Upper
 168 100
 139 63.4 29.2 43.8#
 169 59.7 11.4 17.0#





#56

4-Nitrophenol

Concen: 0.400 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.04 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampled :

SB-4

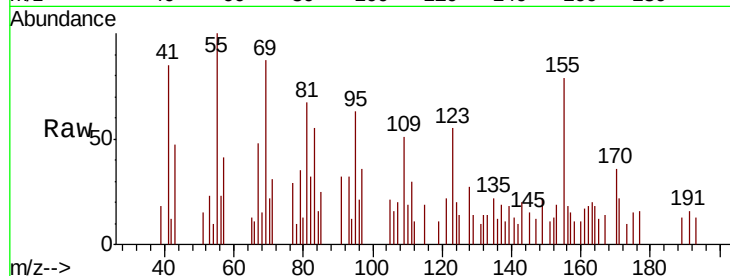
Tgt Ion:139 Resp: 616

Ion Ratio Lower Upper

139 100

109 289.5 42.8 82.8#

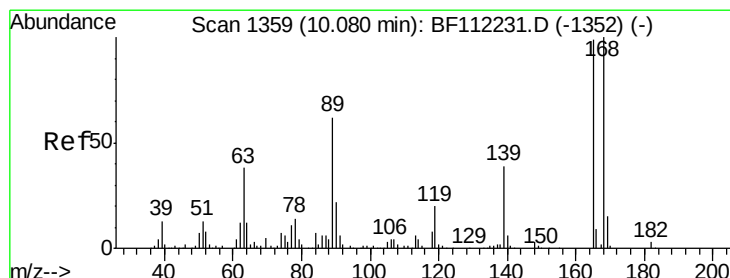
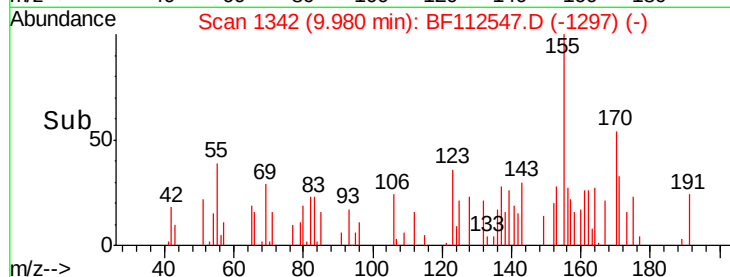
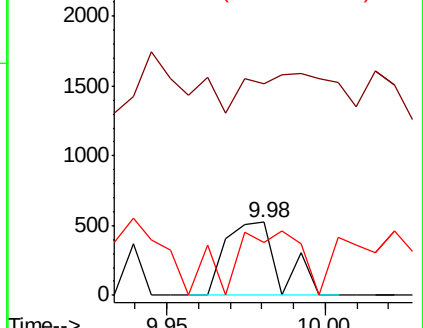
65 72.2 66.1 106.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 0.239 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.02 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Tgt Ion:165 Resp: 819

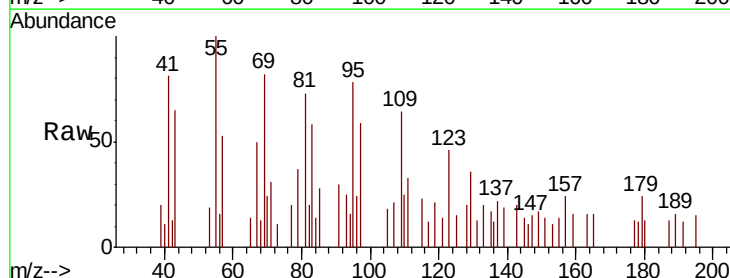
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 0.0 47.9 71.9#

182 0.0 2.2 3.4#

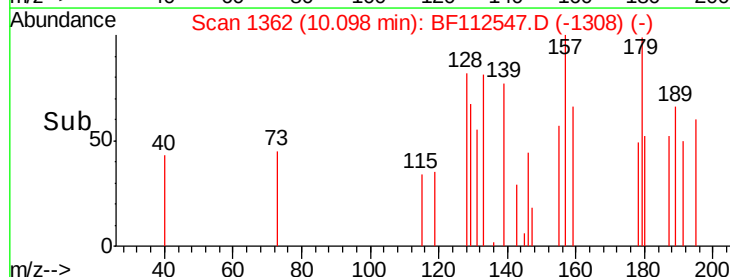
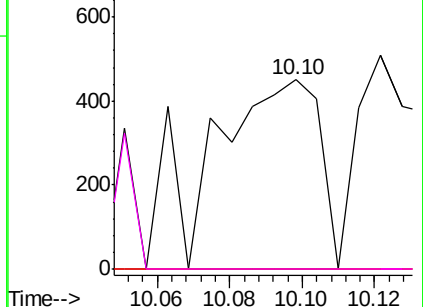


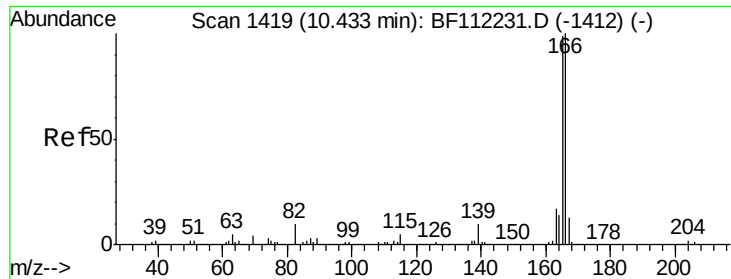
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

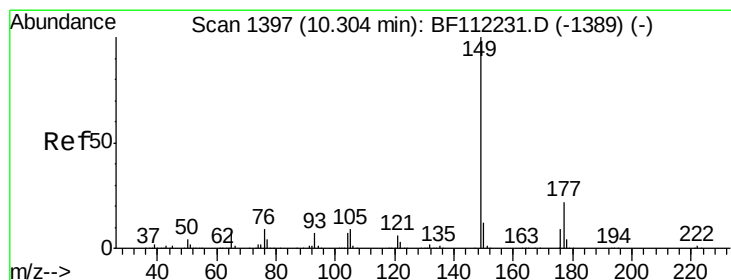
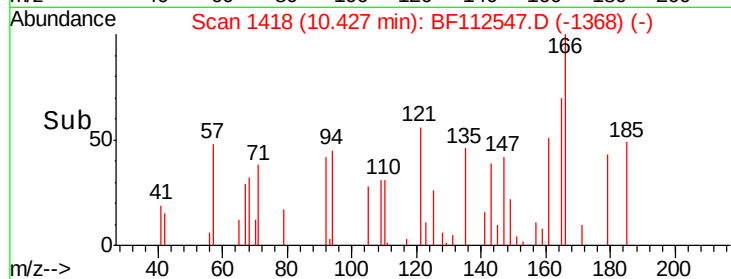
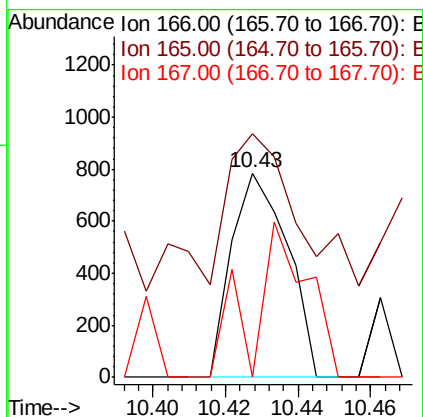
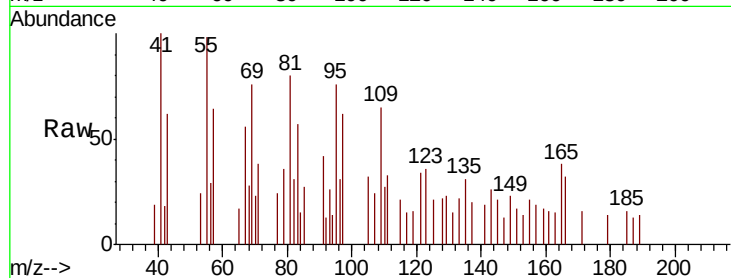




#58
Fluorene
Concen: 0.080 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

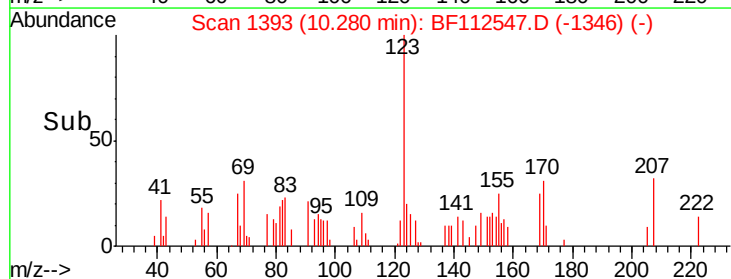
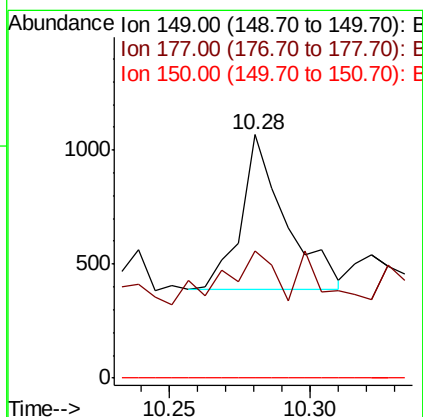
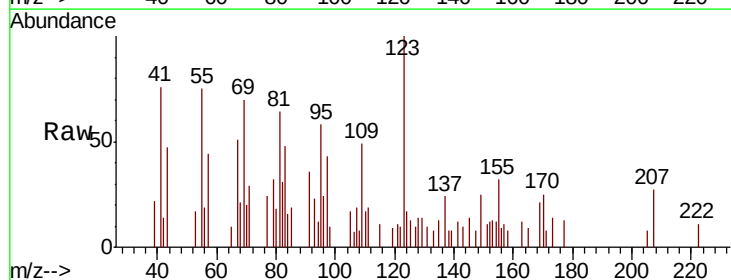
Instrument :
BNA_F
ClientSampleId :
SB-4

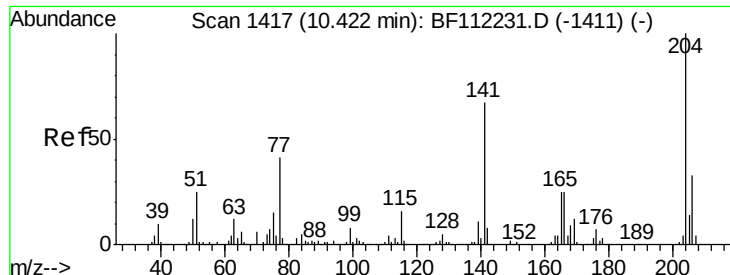
Tgt Ion:166 Resp: 842
Ion Ratio Lower Upper
166 100
165 119.2 77.1 115.7#
167 0.0 11.3 16.9#



#60
Diethylphthalate
Concen: 0.061 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Tgt Ion:149 Resp: 730
Ion Ratio Lower Upper
149 100
177 52.3 18.2 27.2#
150 0.0 10.4 15.6#

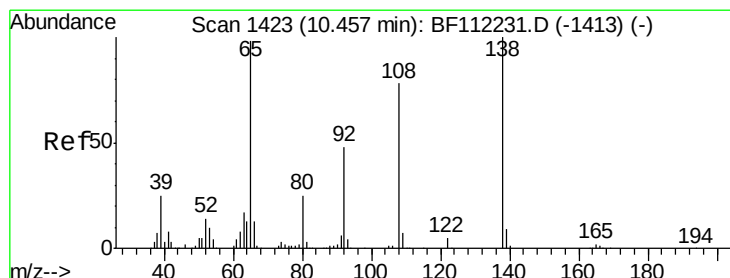
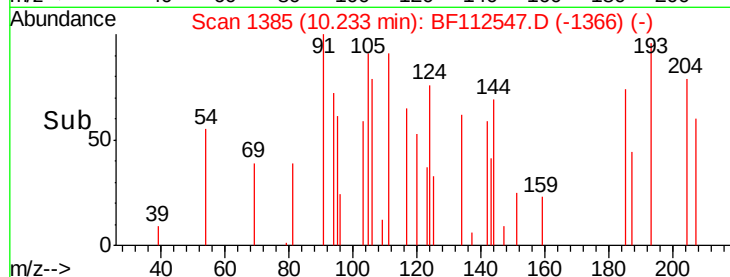
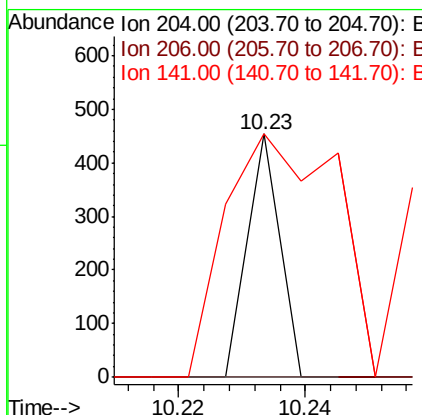
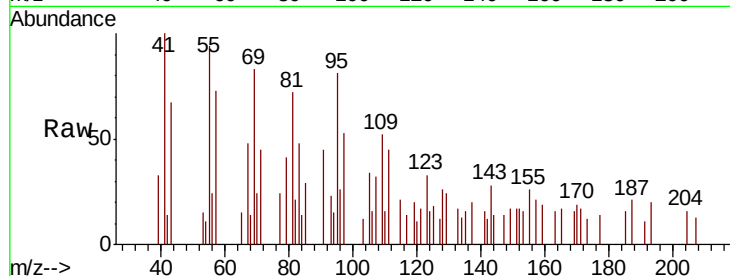




#61
 4-Chlorophenyl-phenylether
 Concen: 0.028 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.19 min
 Lab File: BF112547.D
 Acq: 13 Feb 2019 19:06

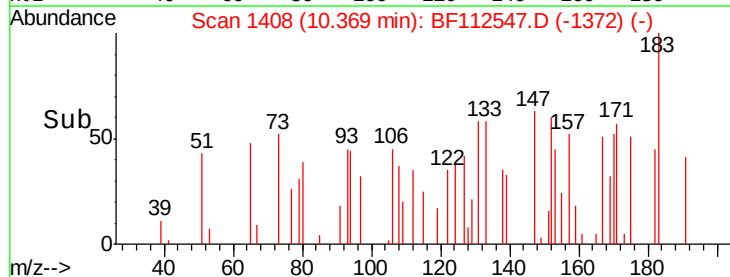
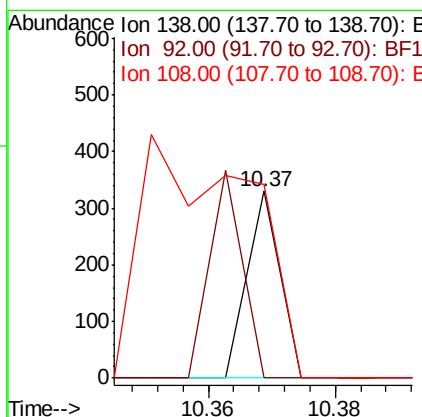
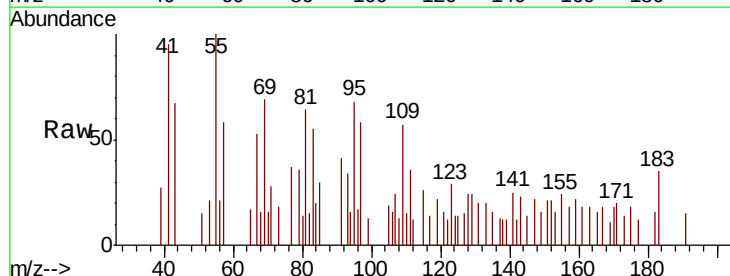
Instrument :
 BNA_F
 ClientSampleId :
 SB-4

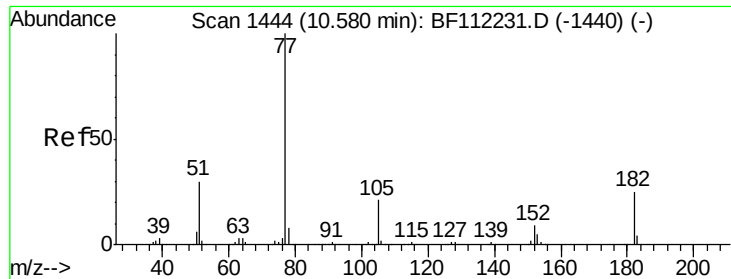
Tgt Ion: 204 Resp: 160
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.5 39.7#
 141 100.0 45.9 68.9#



#62
 4-Nitroaniline
 Concen: 0.041 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.09 min
 Lab File: BF112547.D
 Acq: 13 Feb 2019 19:06

Tgt Ion: 138 Resp: 116
 Ion Ratio Lower Upper
 138 100
 92 0.0 30.6 70.6#
 108 103.3 50.0 90.0#

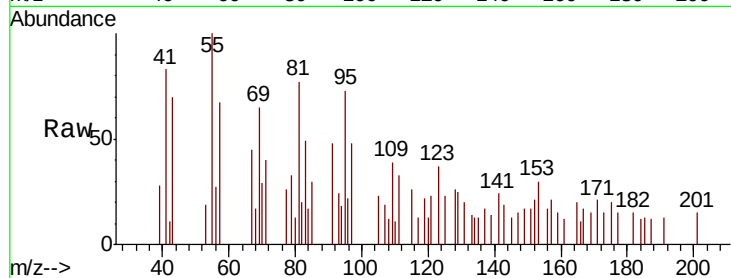




#63
Azobenzene
Concen: 0.037 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Instrument :
BNA_F
ClientSampled :
SB-4

Tgt Ion:	77	Resp:	392
Ion	Ratio	Lower	Upper
77	100		
182	56.7	5.7	45.7#
105	86.9	1.4	41.4#
51	0.0	9.5	49.5#



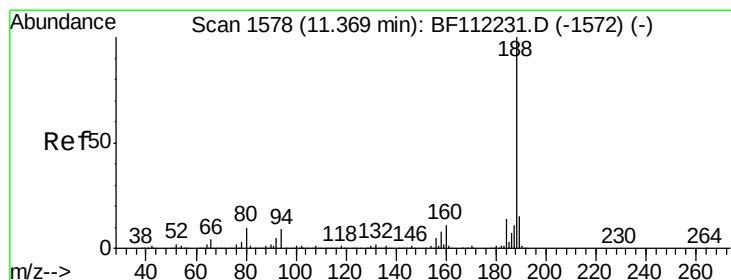
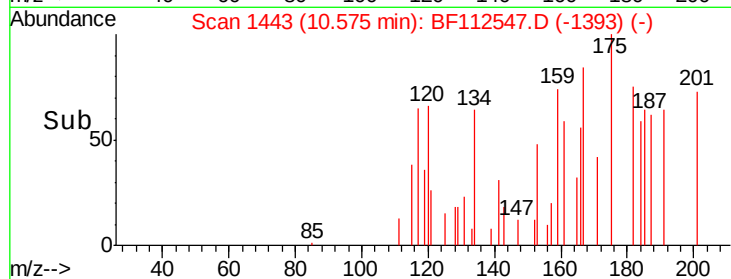
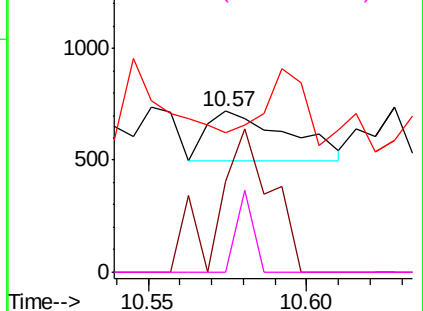
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

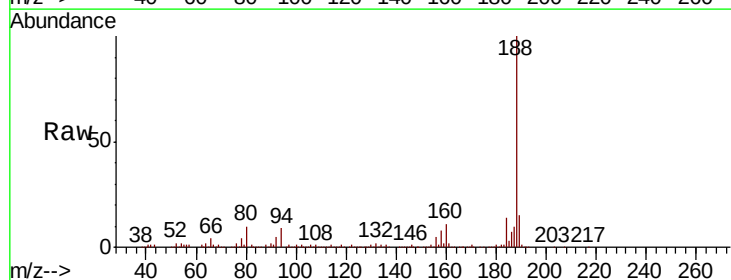
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Tgt Ion:	188	Resp:	258568
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.8	8.9	13.3

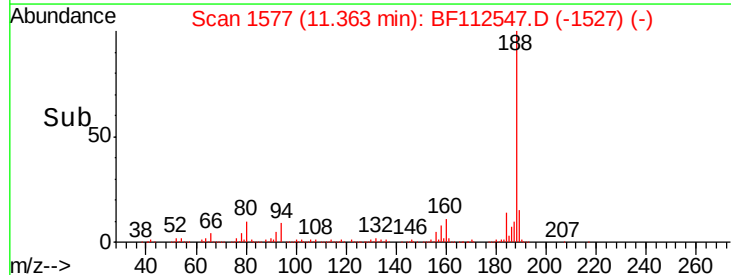
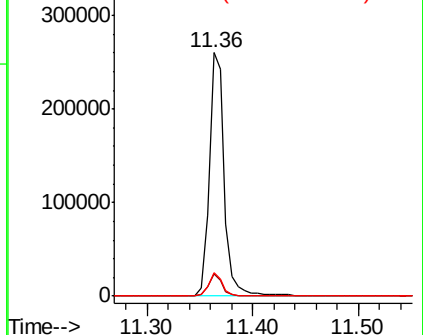


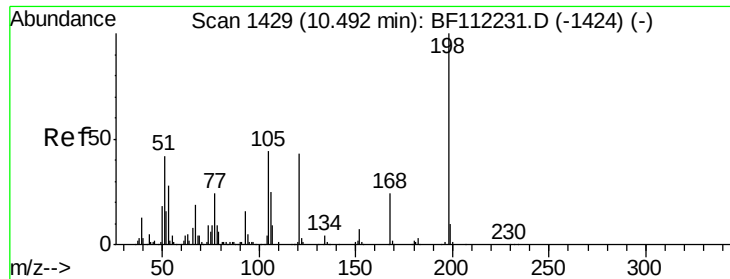
Abundance

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: 0.088 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.19 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampled :

SB-4

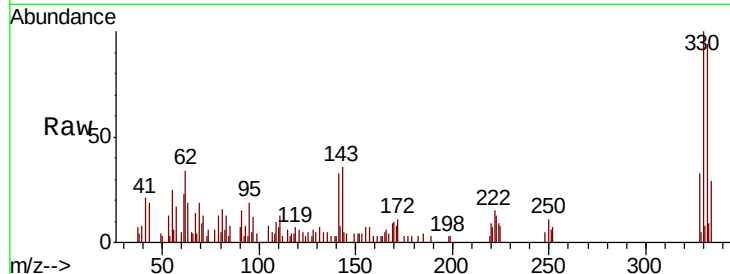
Tgt Ion:198 Resp: 127

Ion Ratio Lower Upper

198 100

51 0.0 17.2 57.2#

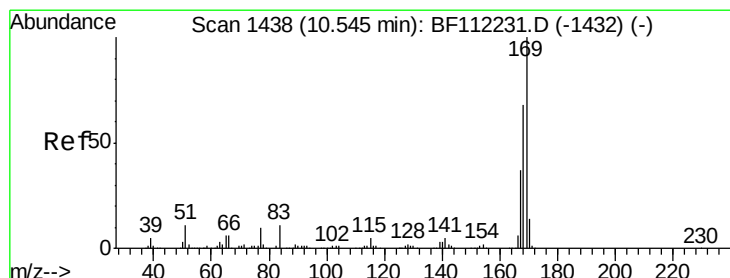
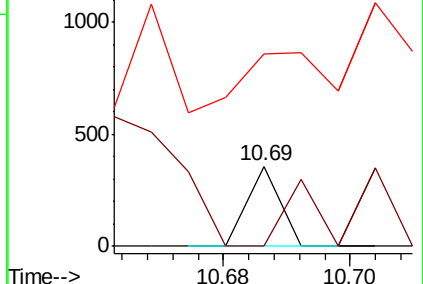
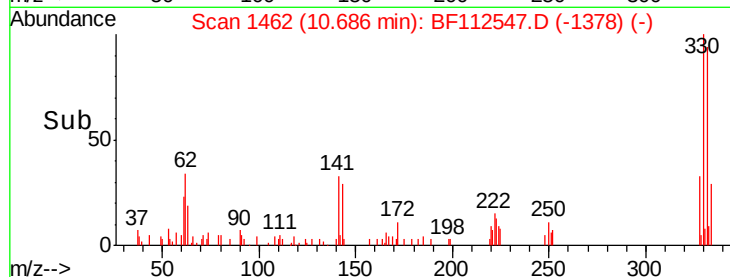
105 239.8 21.9 61.9#



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: 0.106 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.03 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

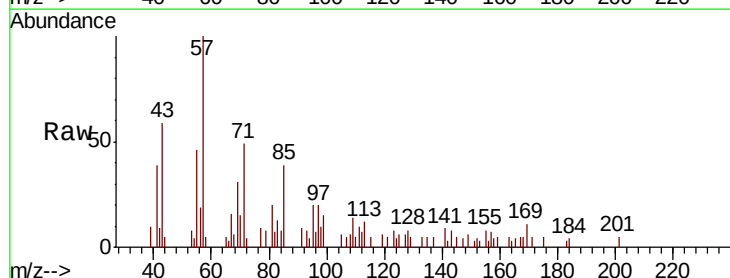
Tgt Ion:169 Resp: 926

Ion Ratio Lower Upper

169 100

168 41.2 53.9 80.9#

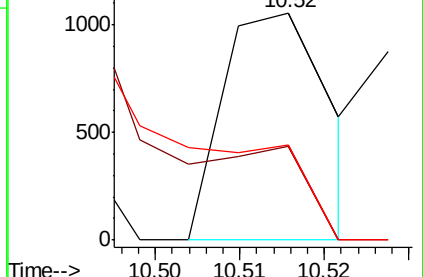
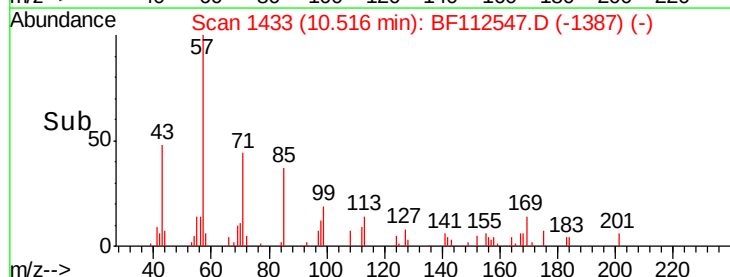
167 41.9 28.9 43.3

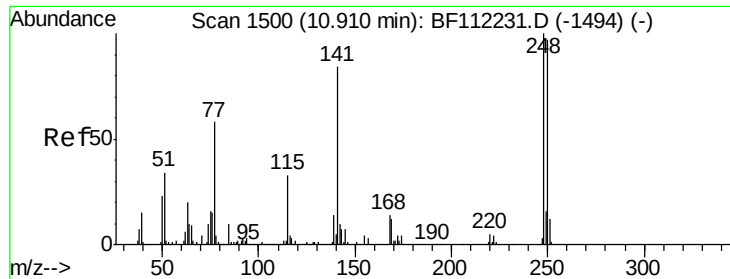


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

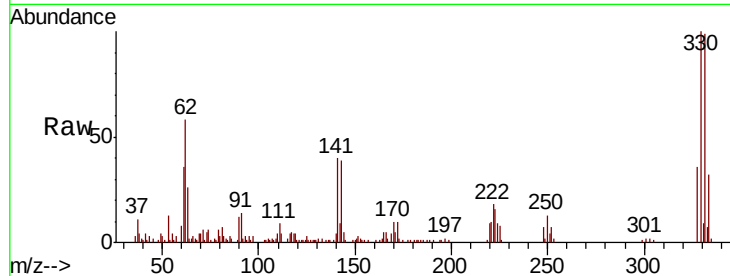




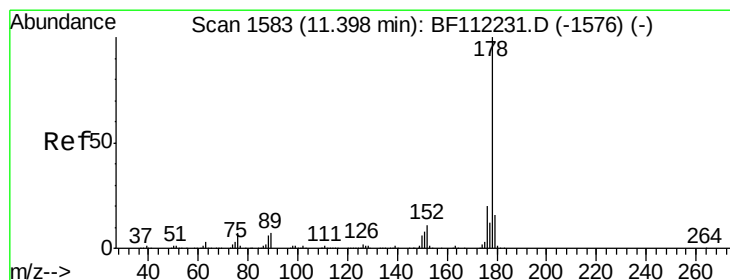
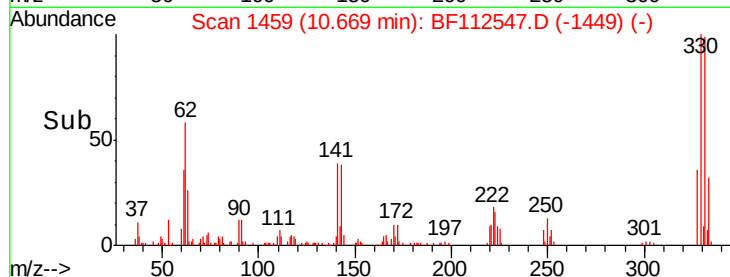
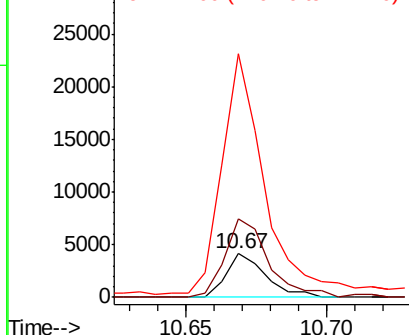
#67
 4-Bromophenyl-phenylether
 Concen: 1.315 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.24 min
 Lab File: BF112547.D
 Acq: 13 Feb 2019 19:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion: 248 Resp: 3998
 Ion Ratio Lower Upper
 248 100
 250 181.5 79.7 119.5#
 141 558.6 60.3 90.5#

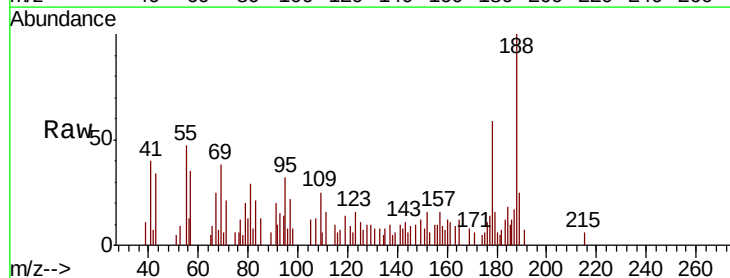


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

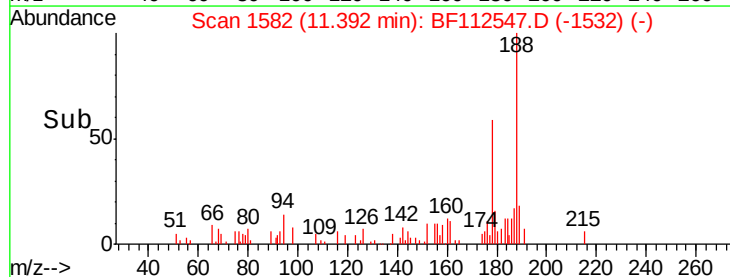
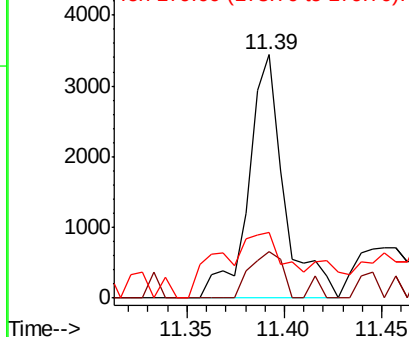


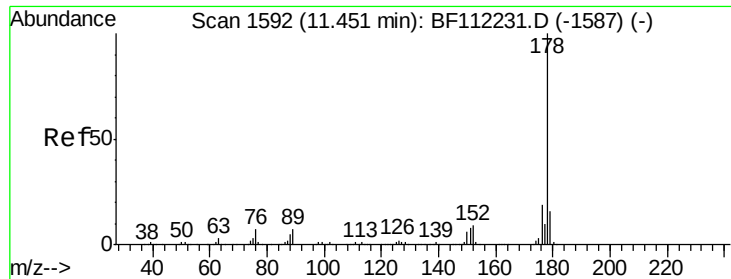
#71
 Phenanthrene
 Concen: 0.322 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF112547.D
 Acq: 13 Feb 2019 19:06

Tgt Ion: 178 Resp: 4334
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.3 24.5
 179 27.2 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: 0.095 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

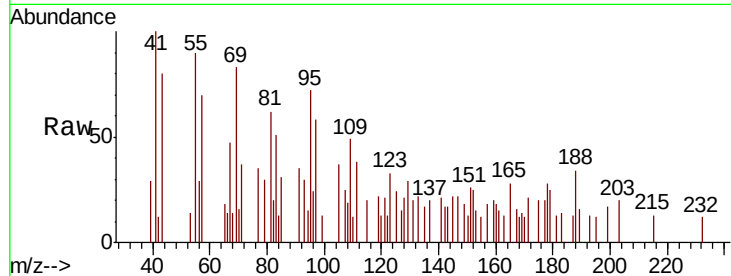
Tgt Ion:178 Resp: 1275

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

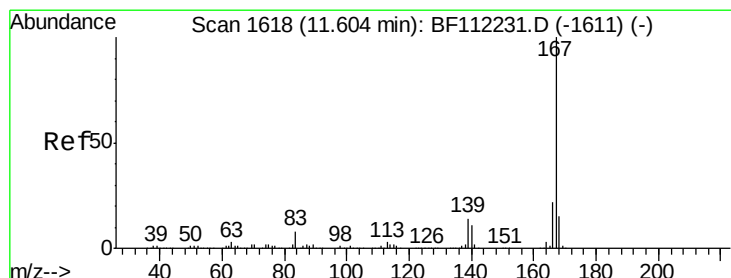
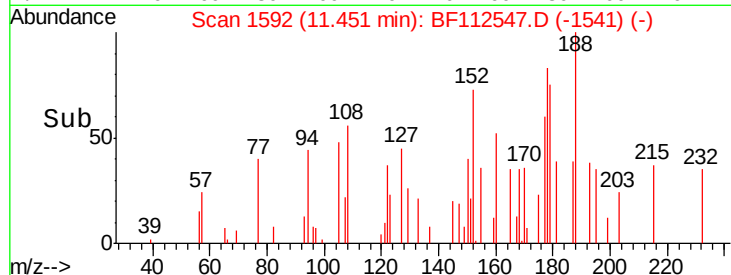
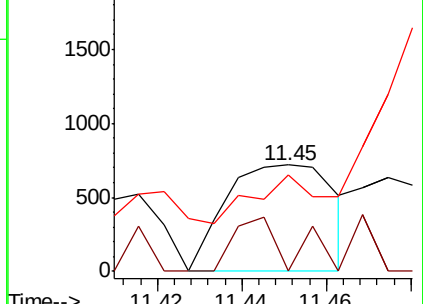
179 90.4 12.8 19.2#



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: 0.150 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

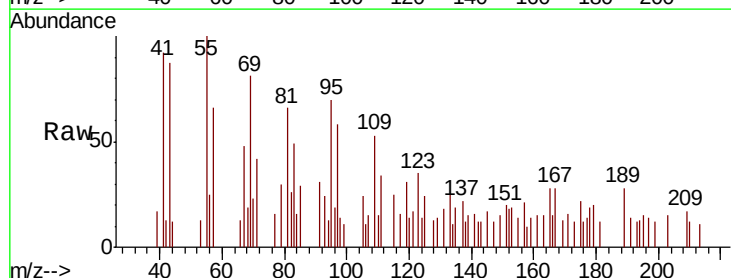
Tgt Ion:167 Resp: 1981

Ion Ratio Lower Upper

167 100

166 52.0 17.9 26.9#

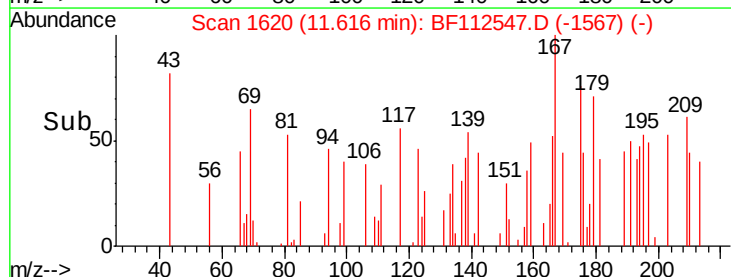
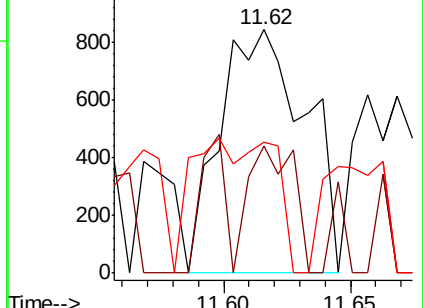
139 53.7 10.2 15.2#

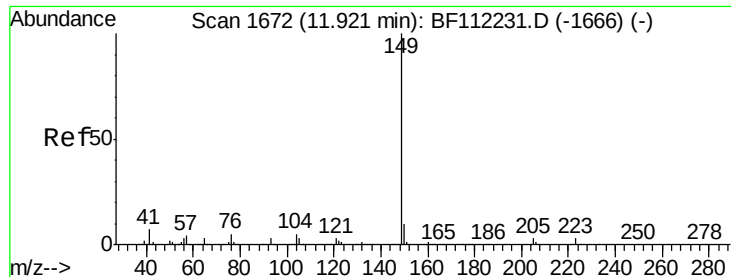


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.059 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.02 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampled :

SB-4

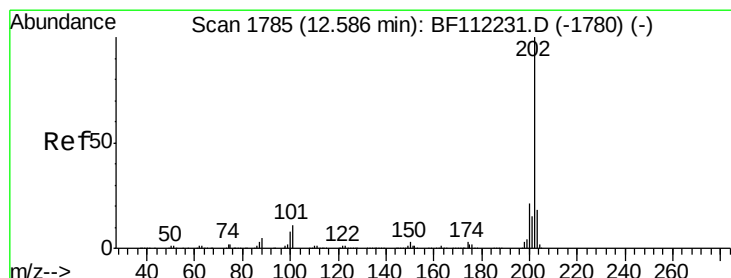
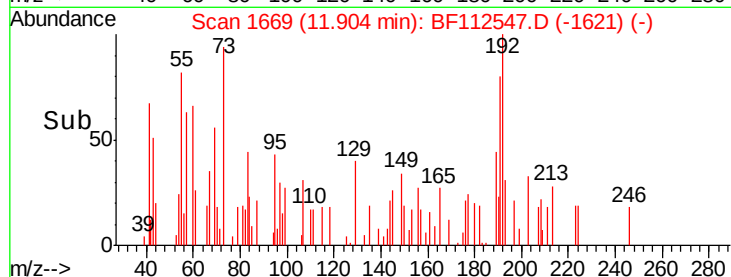
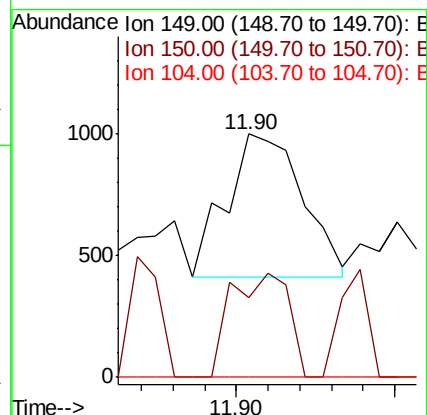
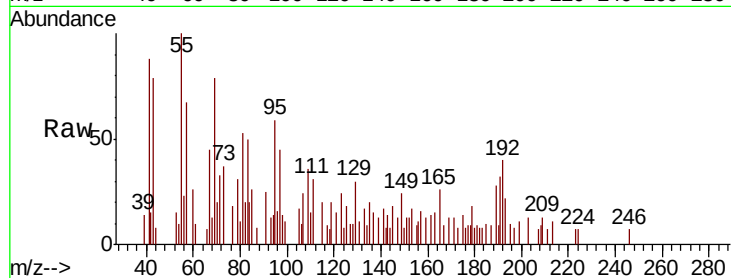
Tgt Ion:149 Resp: 971

Ion Ratio Lower Upper

149 100

150 32.6 8.1 12.1#

104 0.0 3.9 5.9#



#75

Fluoranthene

Concen: 0.254 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

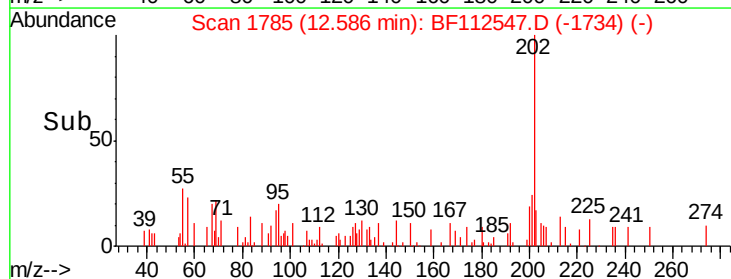
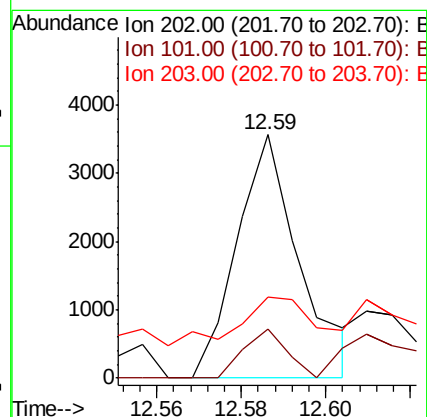
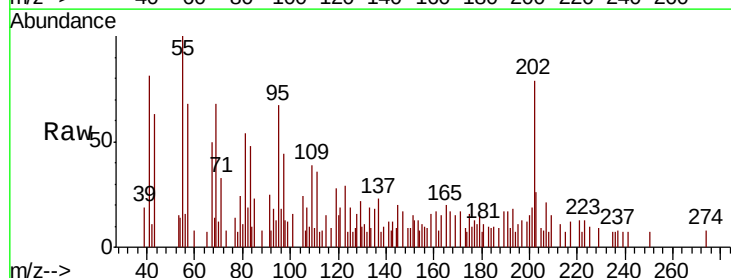
Tgt Ion:202 Resp: 3655

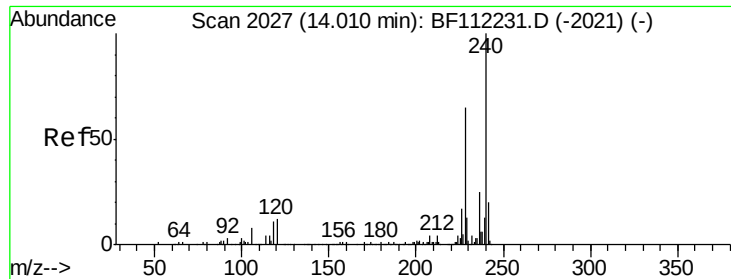
Ion Ratio Lower Upper

202 100

101 20.3 0.0 31.8

203 33.4 0.0 38.4

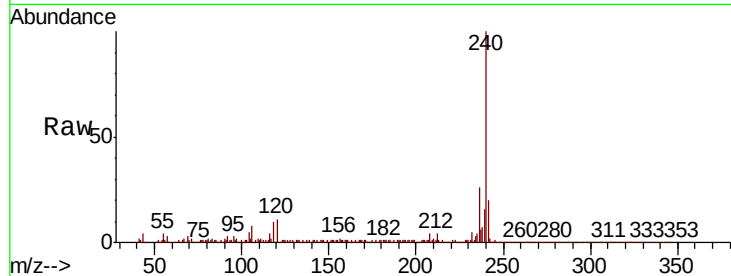




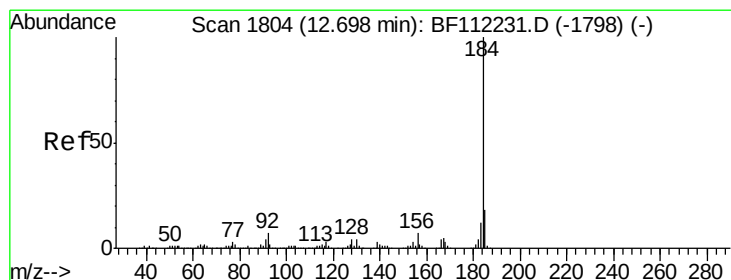
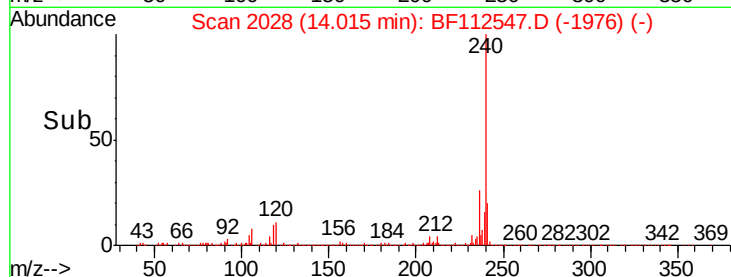
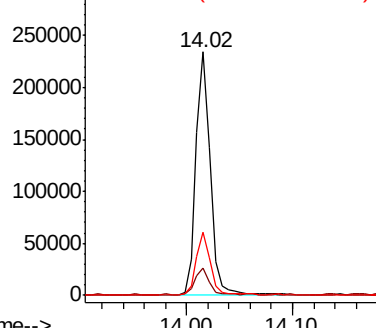
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:240 Resp: 221675
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.6
236 25.8 20.7 31.1

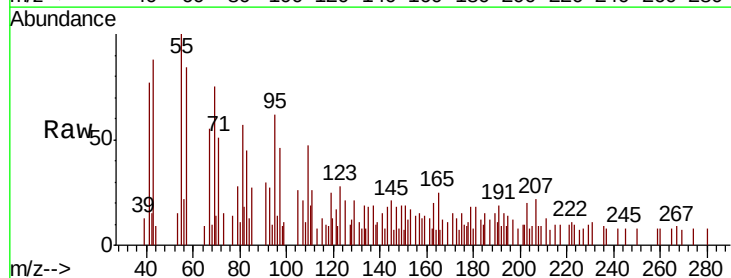


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

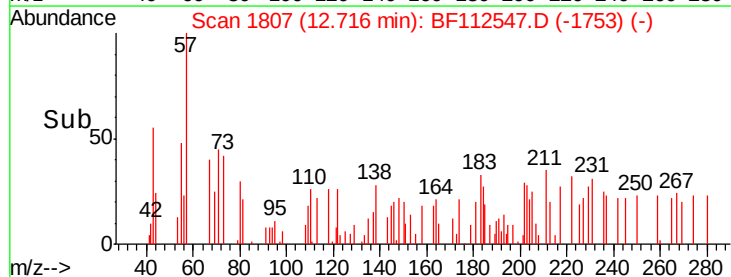
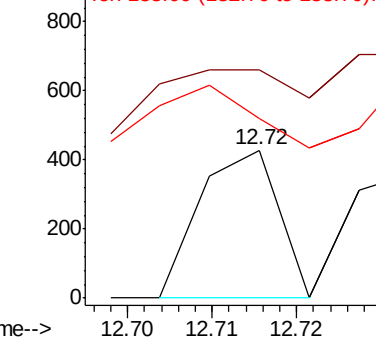


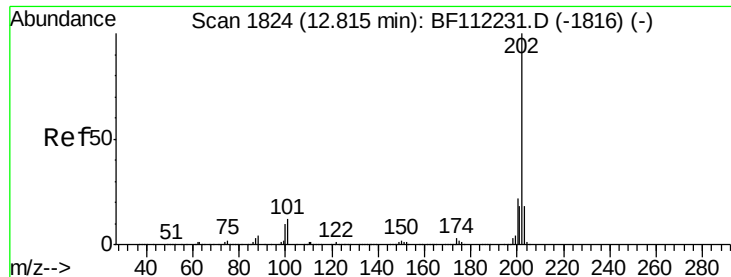
#77
Benzidine
Concen: 0.045 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.02 min
Lab File: BF112547.D
Acq: 13 Feb 2019 19:06

Tgt Ion:184 Resp: 276
Ion Ratio Lower Upper
184 100
185 153.8 13.9 20.9#
183 121.4 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 0.305 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

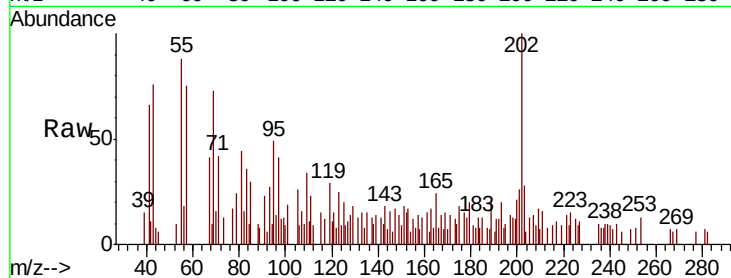
Tgt Ion:202 Resp: 4680

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

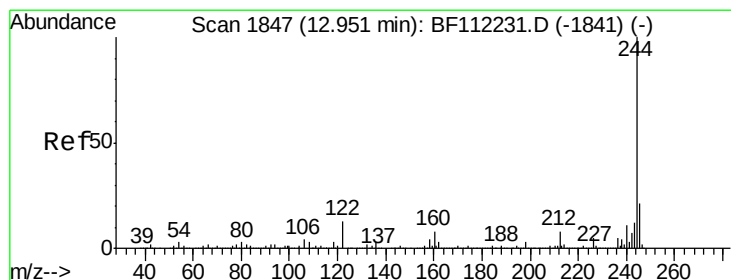
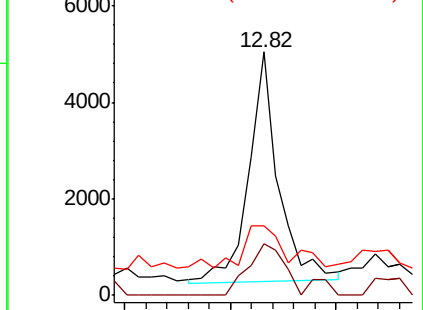
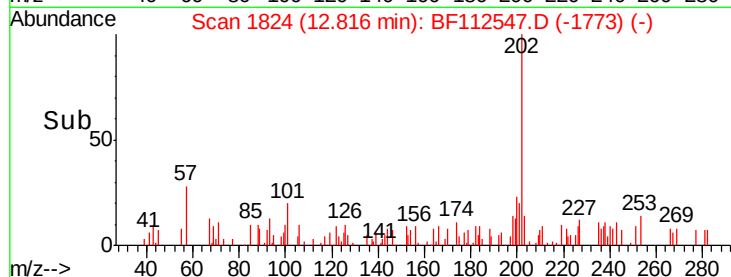
203 28.4 14.6 22.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 27.794 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

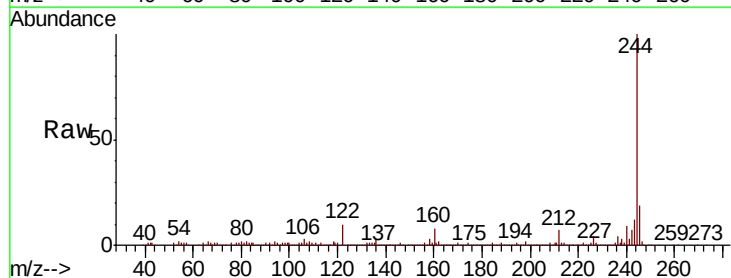
Tgt Ion:244 Resp: 327126

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

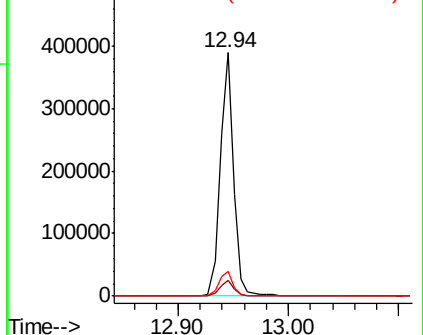
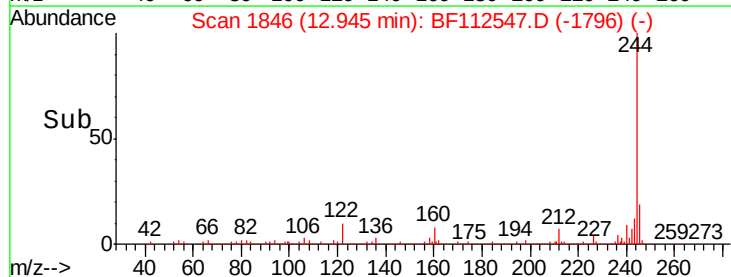
122 10.1 9.8 14.6

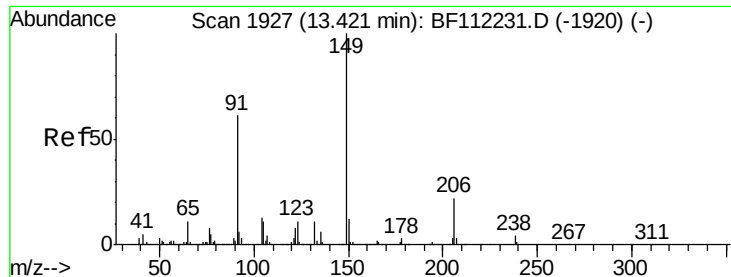


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

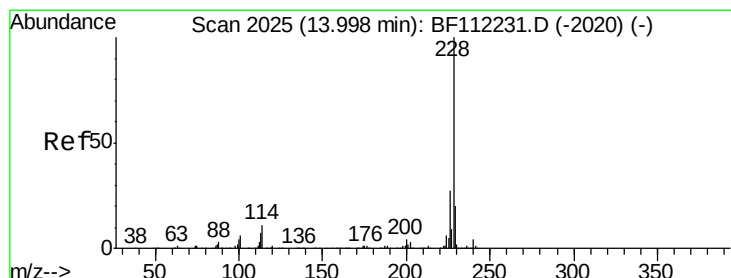
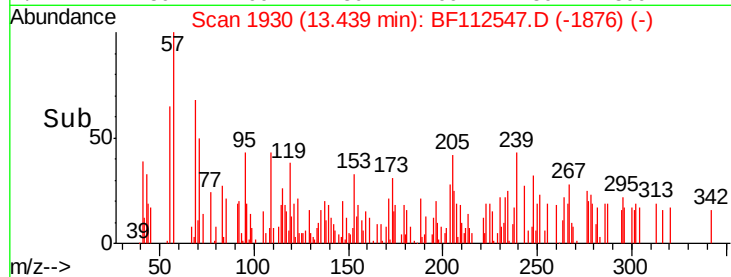
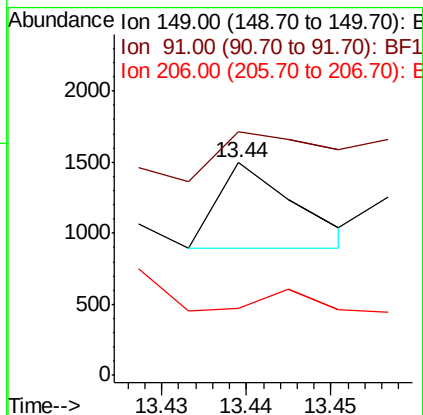
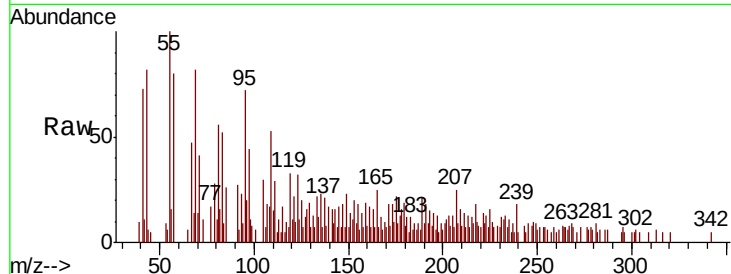




#80
 Butylbenzylphthalate
 Concen: 0.052 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.02 min
 Lab File: BF112547.D
 Acq: 13 Feb 2019 19:06

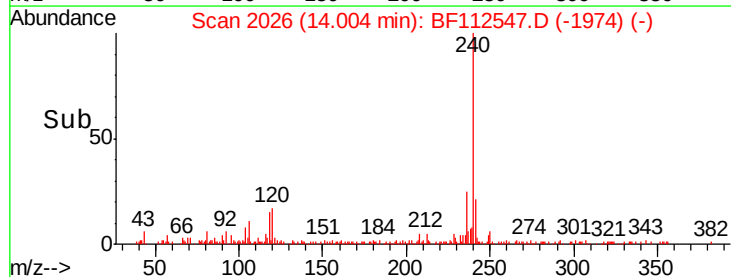
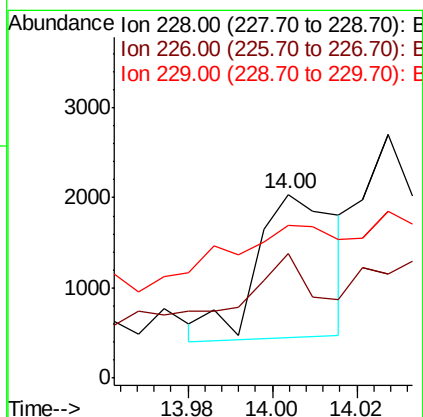
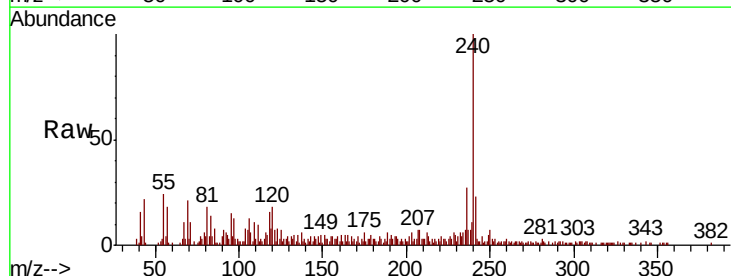
Instrument :
 BNA_F
 ClientSampled :
 SB-4

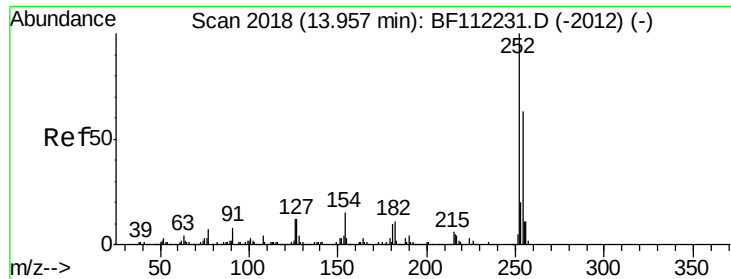
Tgt Ion:	149	Resp:	383
Ion Ratio	Lower	Upper	
149	100		
91	114.6	50.3	75.5#
206	31.7	18.2	27.4#



#81
 Benzo(a)anthracene
 Concen: 0.161 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF112547.D
 Acq: 13 Feb 2019 19:06

Tgt Ion:	228	Resp:	2099
Ion Ratio	Lower	Upper	
228	100		
226	68.1	22.6	34.0#
229	83.4	16.5	24.7#





#82

3,3'-Dichlorobenzidine

Concen: 0.303 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

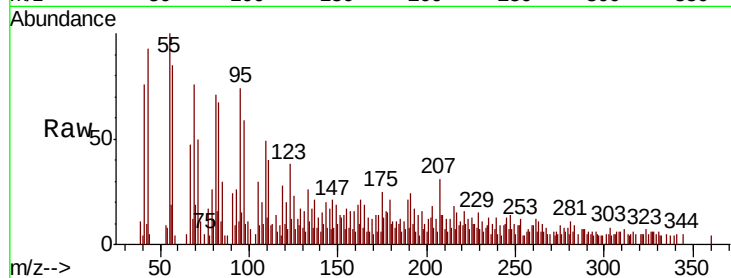
Tgt Ion:252 Resp: 1476

Ion Ratio Lower Upper

252 100

254 43.5 51.6 77.4#

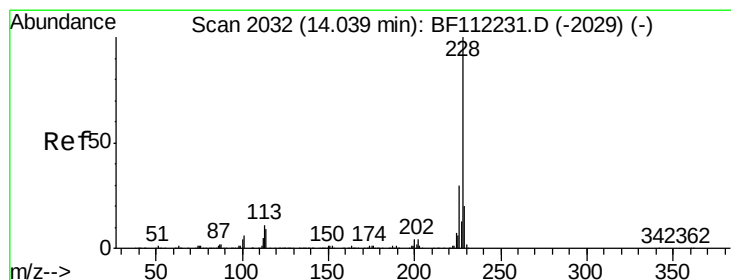
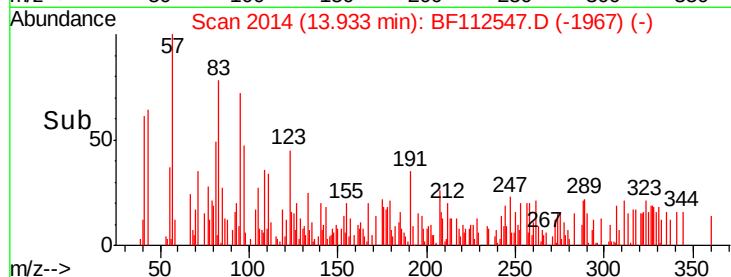
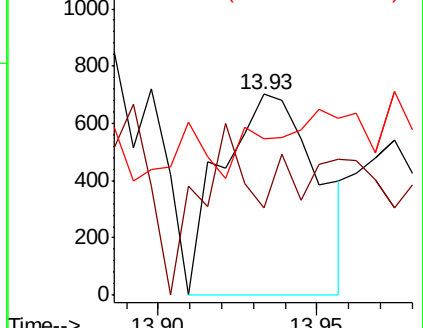
126 78.0 8.6 12.8#



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

Chrysene

Concen: 0.280 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

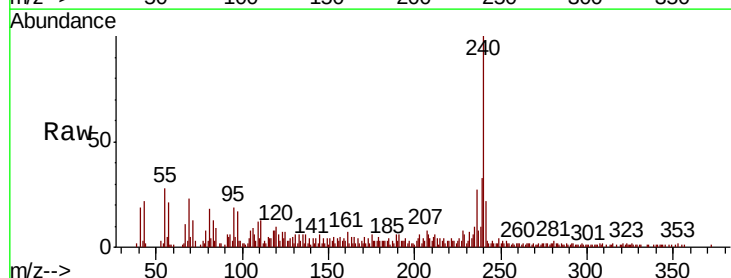
Tgt Ion:228 Resp: 3478

Ion Ratio Lower Upper

228 100

226 42.8 25.0 37.6#

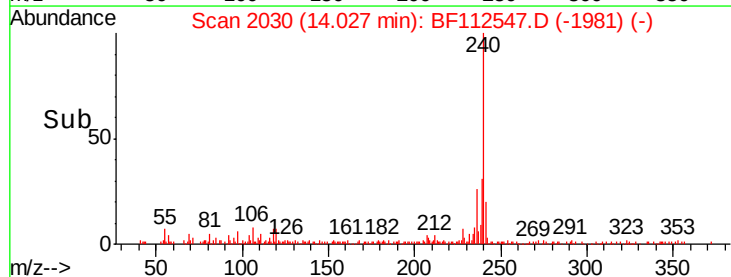
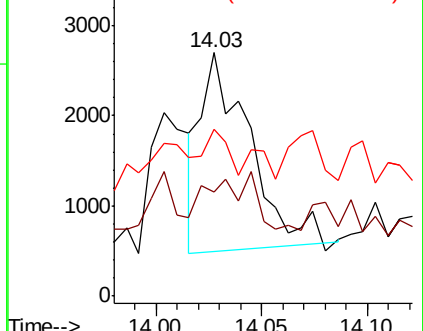
229 68.3 16.6 24.8#

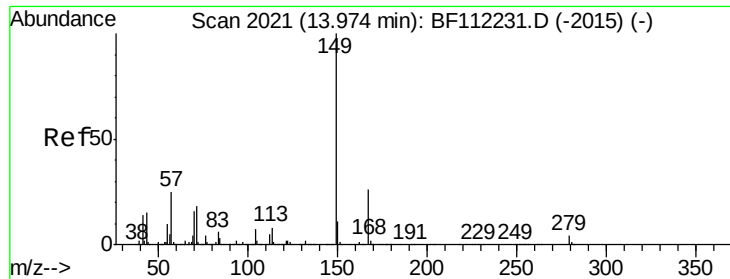


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.297 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

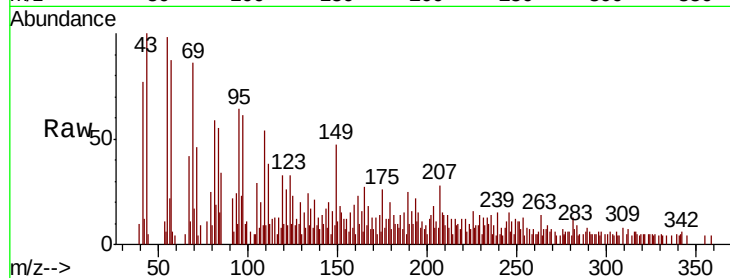
Tgt Ion:149 Resp: 3134

Ion Ratio Lower Upper

149 100

167 37.5 22.5 33.7#

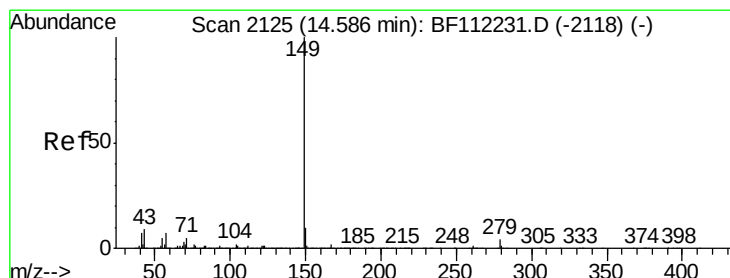
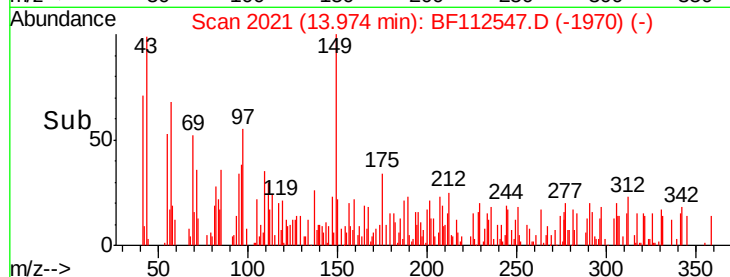
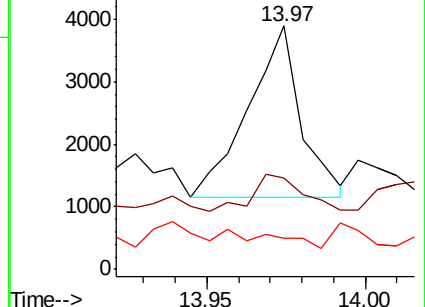
279 13.0 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.009 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

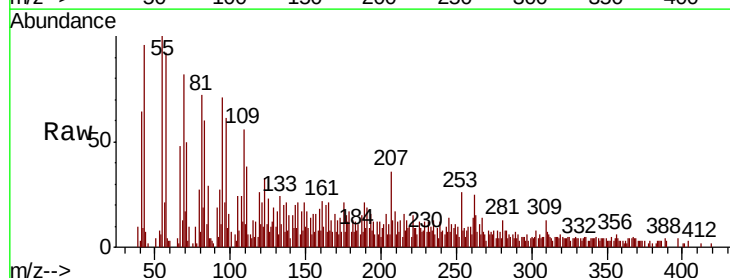
Tgt Ion:149 Resp: 151

Ion Ratio Lower Upper

149 100

167 504.6 1.3 1.9#

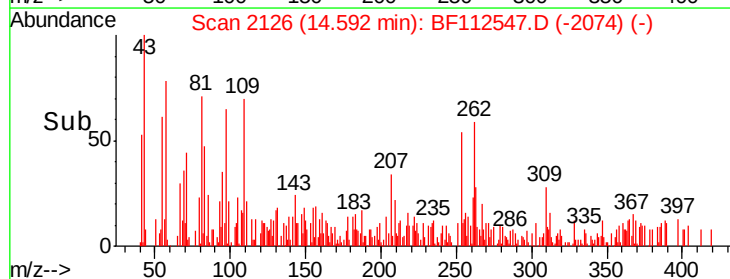
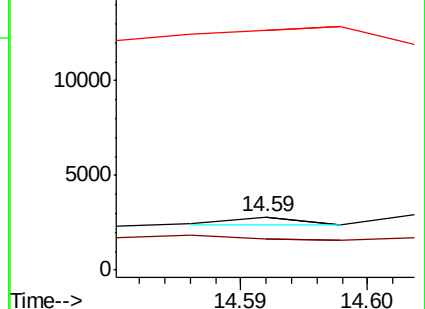
43 0.0 7.8 11.6#

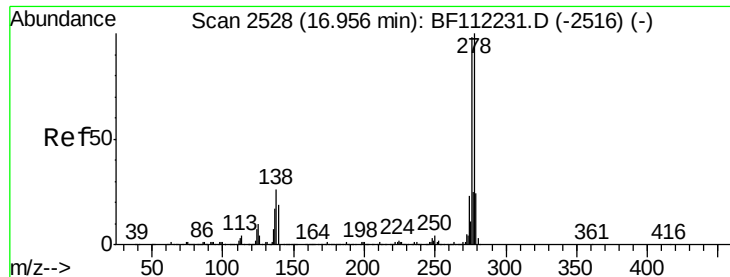


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

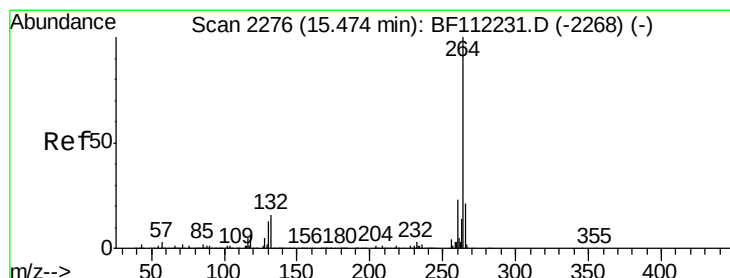
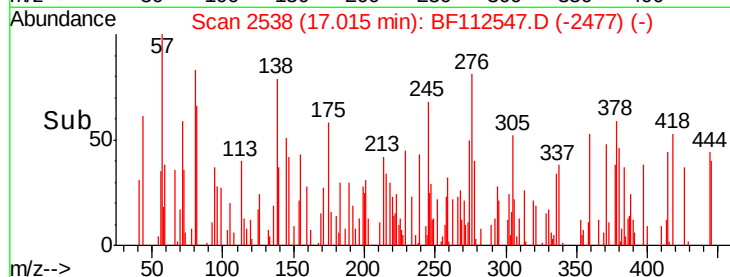
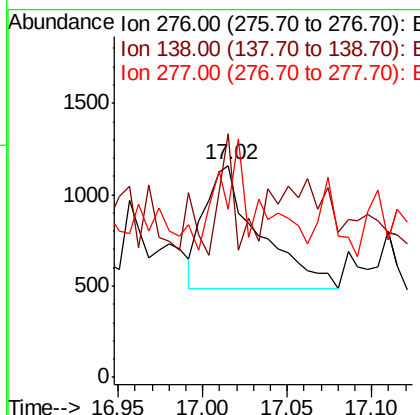
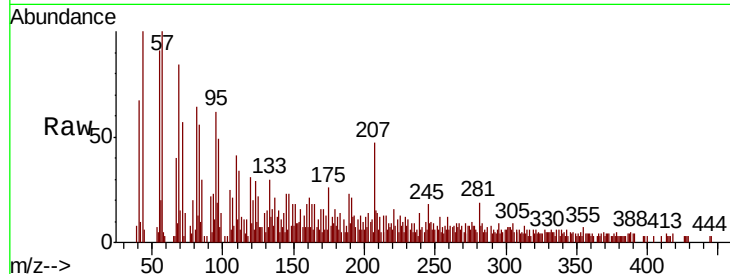




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.154 ng
 RT: 17.02 min Scan# 2538
 Delta R.T. 0.06 min
 Lab File: BF112547.D
 Acq: 13 Feb 2019 19:06

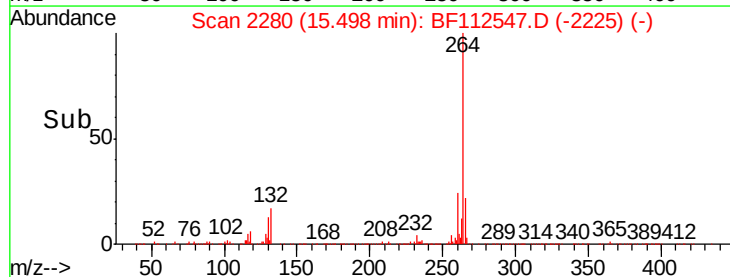
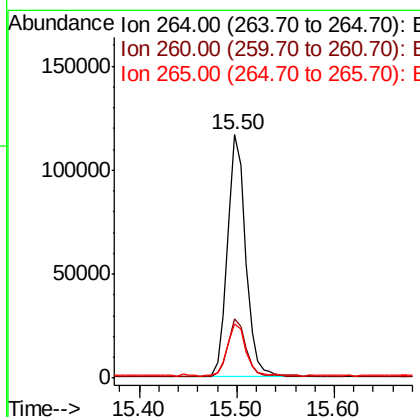
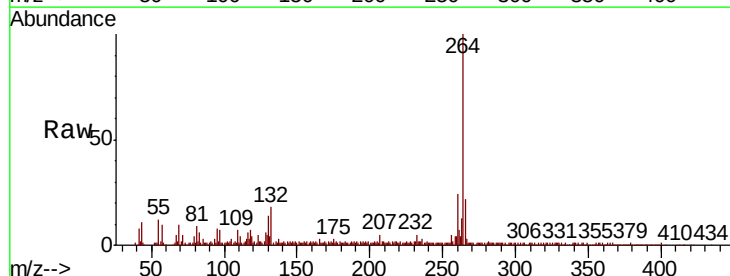
Instrument :
 BNA_F
 ClientSampleId :
 SB-4

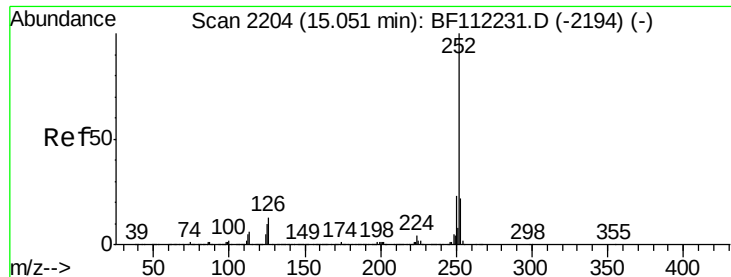
Tgt Ion: 276 Resp: 1516
 Ion Ratio Lower Upper
 276 100
 138 30.6 22.6 34.0
 277 21.0 20.3 30.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BF112547.D
 Acq: 13 Feb 2019 19:06

Tgt Ion: 264 Resp: 153236
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 22.5 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 0.358 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.02 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

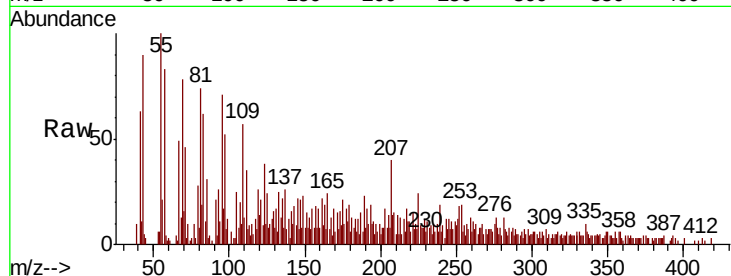
Tgt Ion:252 Resp: 3283

Ion Ratio Lower Upper

252 100

253 107.4 18.0 27.0#

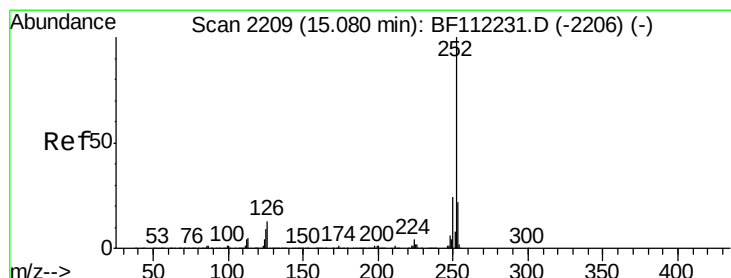
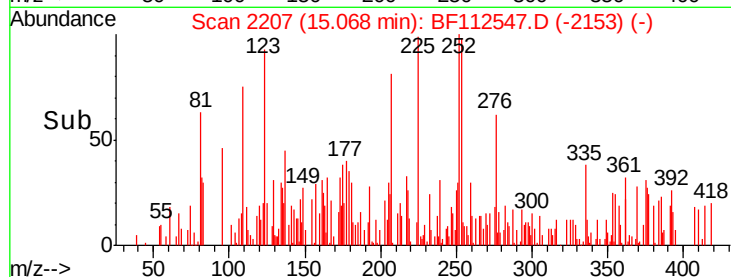
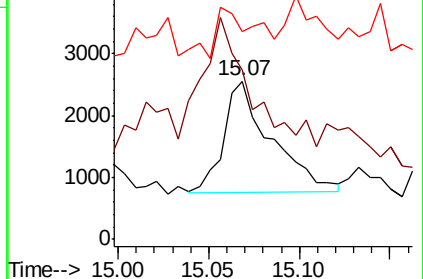
125 131.1 8.7 13.1#



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: 0.060 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.05 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

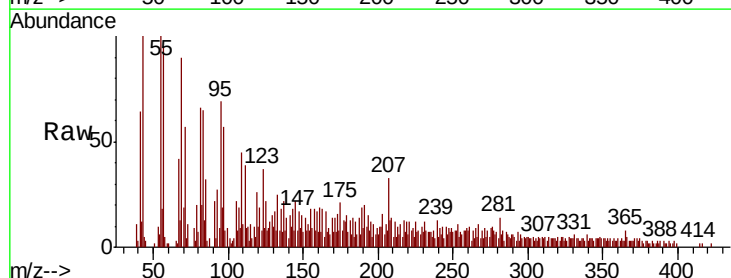
Tgt Ion:252 Resp: 526

Ion Ratio Lower Upper

252 100

253 141.8 18.0 27.0#

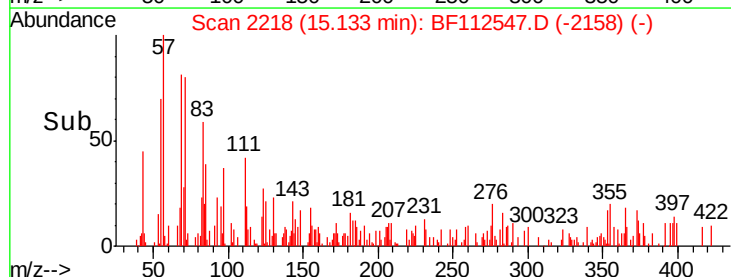
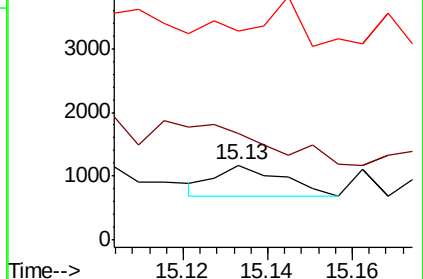
125 279.0 9.1 13.7#

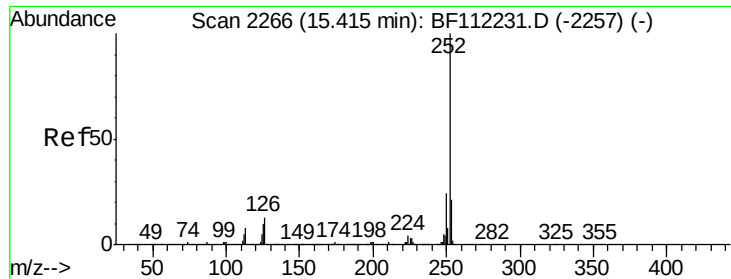


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.207 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.02 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

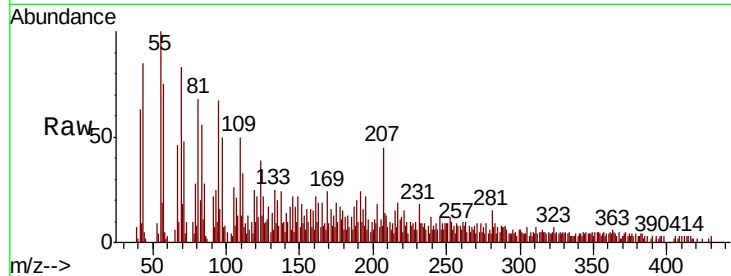
Tgt Ion:252 Resp: 1710

Ion Ratio Lower Upper

252 100

253 79.6 17.5 26.3#

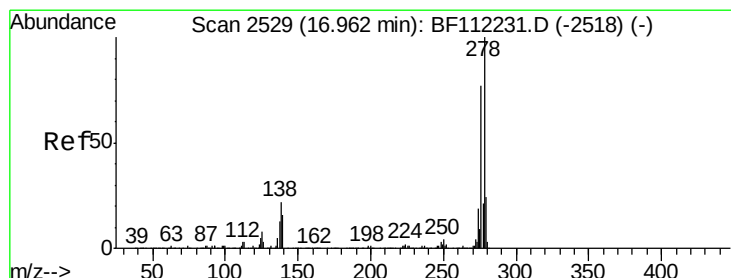
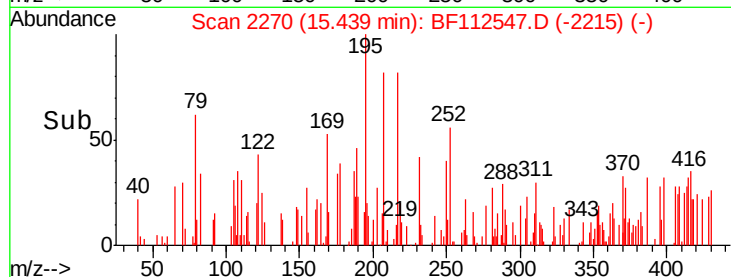
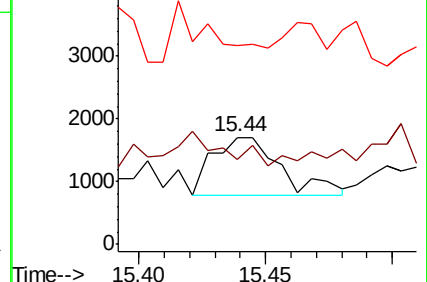
125 186.5 9.0 13.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.068 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

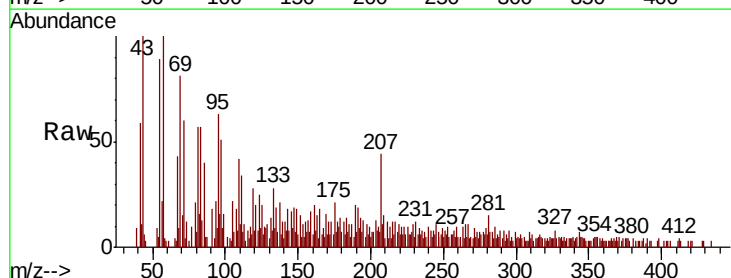
Tgt Ion:278 Resp: 450

Ion Ratio Lower Upper

278 100

139 185.6 13.7 20.5#

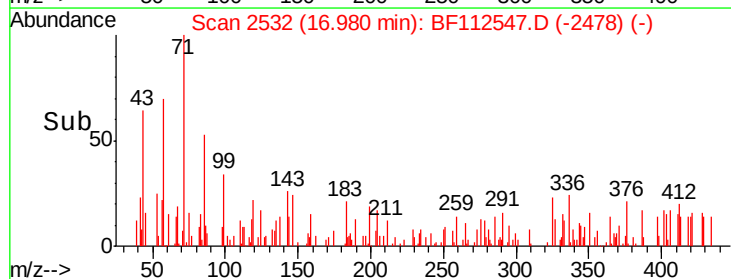
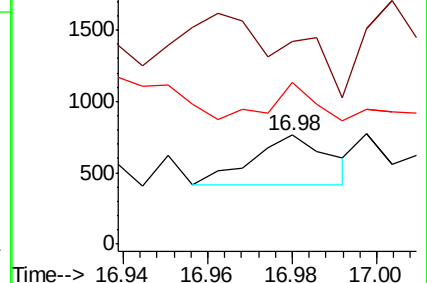
279 148.2 19.0 28.6#

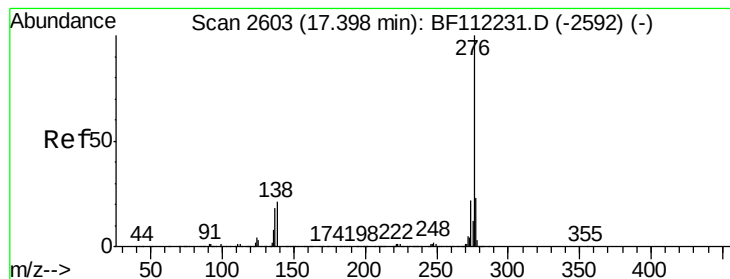


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.035 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BF112547.D

Acq: 13 Feb 2019 19:06

Instrument :

BNA_F

ClientSampleId :

SB-4

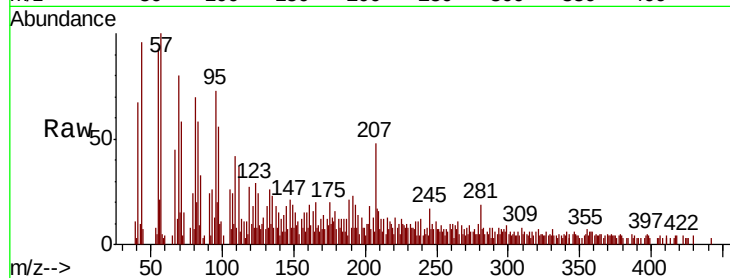
Tgt Ion: 276 Resp: 221

Ion Ratio Lower Upper

276 100

277 72.8 19.4 29.0#

138 105.9 19.1 28.7#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

