

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111768.D
 Acq On : 27 Dec 2018 17:51
 Operator : JU/SJ
 Sample : J6426-15 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-1824-01

Quant Time: Dec 28 00:15:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	117833	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	397545	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	178832	20.00	ng	0.02
64) Phenanthrene-d10	11.45	188	306253	20.00	ng	0.03
76) Chrysene-d12	14.11	240	199245	20.00	ng	0.06
87) Perylene-d12	15.62	264	168343	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	109415	15.83	ng	0.04
7) Phenol-d6	6.55	99	181689	20.65	ng	0.03
23) Nitrobenzene-d5	7.46	82	143578	21.02	ng	0.00
42) 2,4,6-Tribromophenol	10.75	330	50490	23.89	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	232039	18.91	ng	0.00
79) Terphenyl-d14	13.04	244	200814	19.11	ng	0.04

Target Compounds

						Qvalue
9) Benzaldehyde	6.47	77	14426	2.384	ng	# 1
10) Phenol	6.57	94	313614	31.593	ng	97
15) Benzyl Alcohol	7.05	79	16302	2.333	ng	# 81
17) 2-Methylphenol	7.17	107	20478	3.340	ng	# 82
18) Hexachloroethane	7.45	117	26188	8.635	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	19758	3.382	ng	# 61
20) 3+4-Methylphenols	7.32	107	102567	13.238	ng	# 64
22) Acetophenone	7.30	105	110615	10.983	ng	# 62
30) 1,2,4-Trichlorobenzene	8.13	180	128484	18.731	ng	96
31) Naphthalene	8.22	128	173104	9.062	ng	97
32) Benzoic acid	7.92	122	23906	6.318	ng	# 1
33) 4-Chloroaniline	8.22	127	23424	2.837	ng	# 44
35) Caprolactam	8.62	113	22732	10.898	ng	# 1
37) 2-Methylnaphthalene	8.90	142	183094	14.733	ng	96
38) 1-Methylnaphthalene	9.00	142	104704	8.772	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	27332	4.651	ng	# 85
46) 1,1'-Biphenyl	9.37	154	38628	2.559	ng	97
50) Dimethylphthalate	9.66	163	37203	2.845	ng	# 60
51) 2,6-Dinitrotoluene	9.72	165	8357	3.205	ng	# 80
53) 3-Nitroaniline	9.90	138	9486	3.411	ng	# 28
54) 2,4-Dinitrophenol	10.01	184	1235	8.648	ng	# 1
56) 4-Nitrophenol	10.06	139	11465	5.402	ng	# 1
58) Fluorene	10.50	166	25638	2.187	ng	# 60
62) 4-Nitroaniline	10.41	138	17075	6.317	ng	88
65) 4,6-Dinitro-2-methylphenol	10.52	198	1215	7.519	ng	# 1
66) n-Nitrosodiphenylamine	10.61	169	64258	6.251	ng	# 47
71) Phenanthrene	11.47	178	88399	5.443	ng	# 85
74) Di-n-butylphthalate	12.00	149	40416	2.277	ng	# 36
75) Fluoranthene	12.90	202	94348	5.736	ng	77
78) Pyrene	12.90	202	95263	6.771	ng	# 83
81) Benzo(a)anthracene	14.12	228	48270	4.245	ng	# 22
83) Chrysene	14.12	228	48728	4.360	ng	# 30
84) Bis(2-ethylhexyl)phthalate	14.07	149	41165	5.698	ng	# 77
92) Benzo(g,h,i)perylene	17.60	276	21654	2.833	ng	# 43

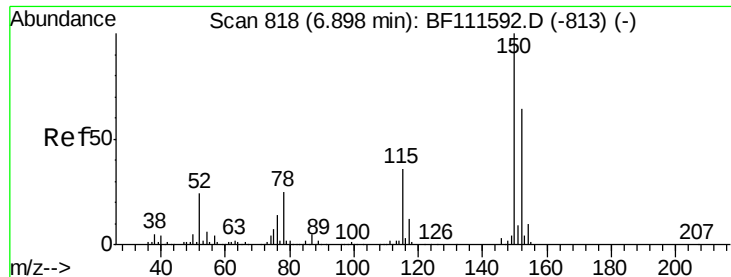
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111768.D
Acq On : 27 Dec 2018 17:51
Operator : JU/SJ
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QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

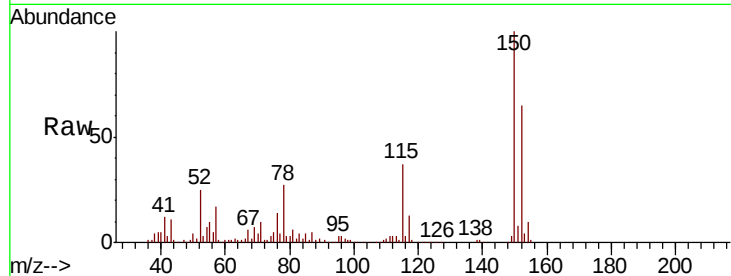


#1

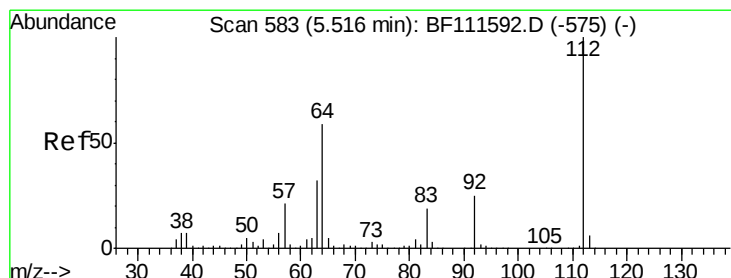
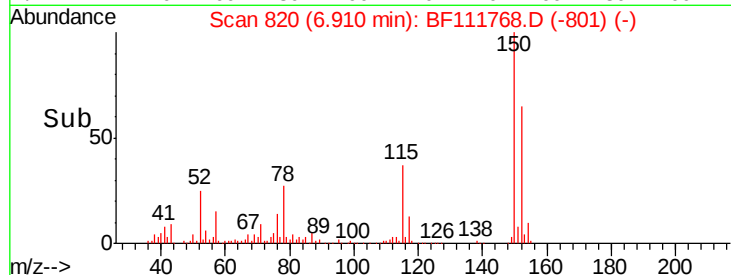
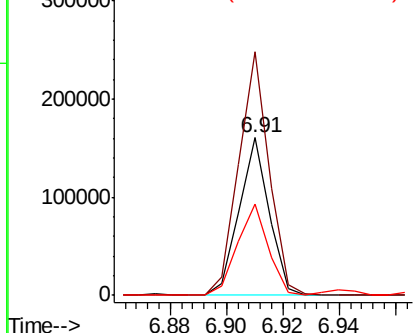
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-1824-01

Tgt Ion:152 Resp: 117833
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 57.6 50.7 76.1



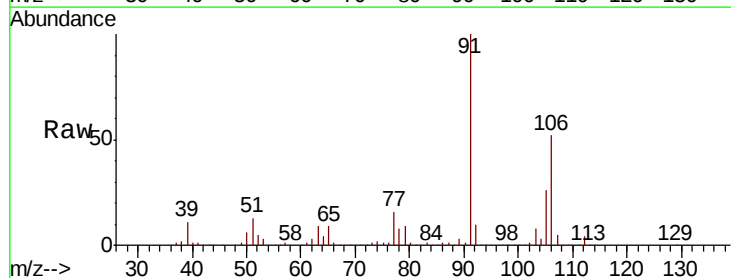
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



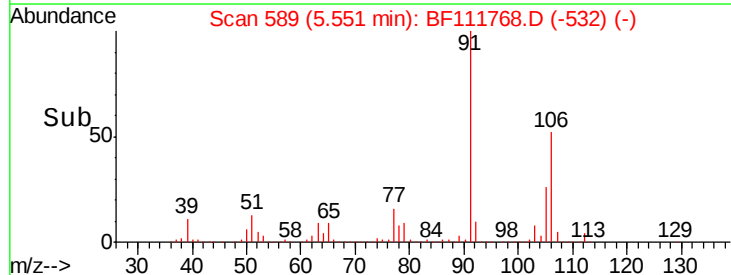
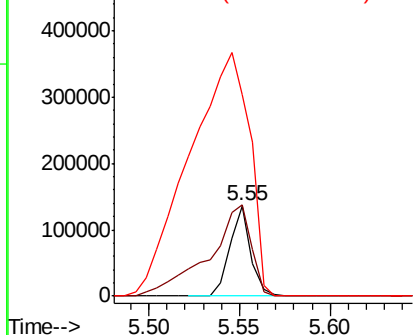
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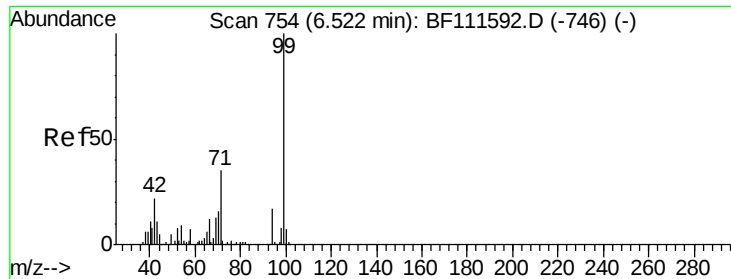
2-Fluorophenol
Concen: 15.828 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.04 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Tgt Ion:112 Resp: 109415
Ion Ratio Lower Upper
112 100
64 100.5 51.8 77.6#
63 223.4 26.8 40.2#



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





#7

Phenol-d6

Concen: 20.652 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-1824-01

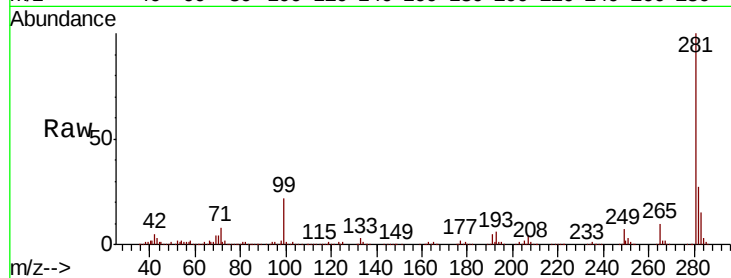
Tgt Ion: 99 Resp: 181689

Ion Ratio Lower Upper

99 100

42 23.0 17.4 26.0

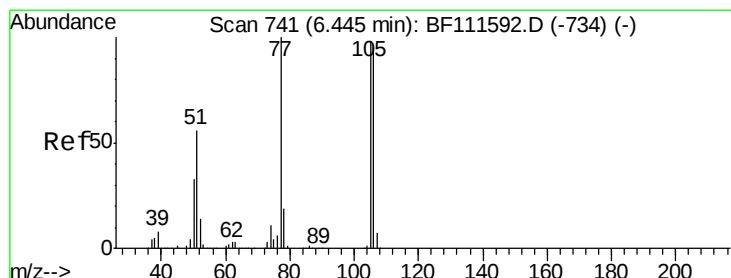
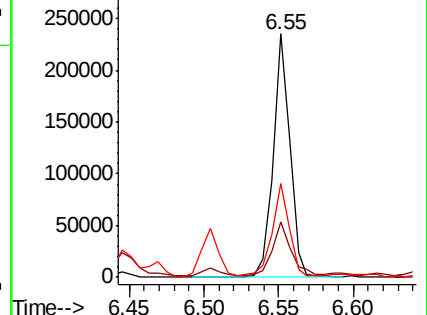
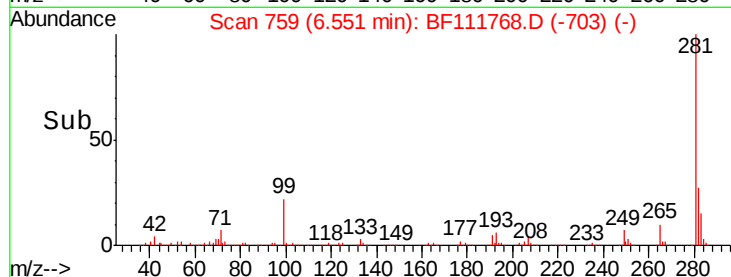
71 38.4 26.1 39.1



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: 2.384 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

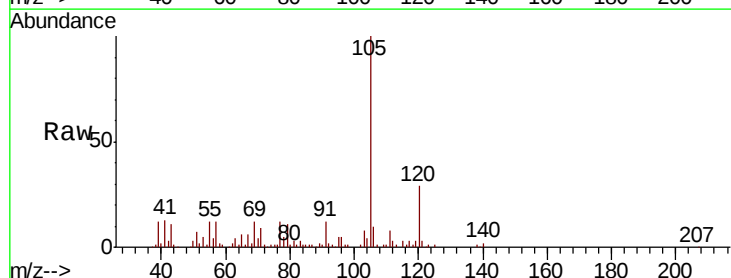
Tgt Ion: 77 Resp: 14426

Ion Ratio Lower Upper

77 100

105 815.1 81.4 121.4#

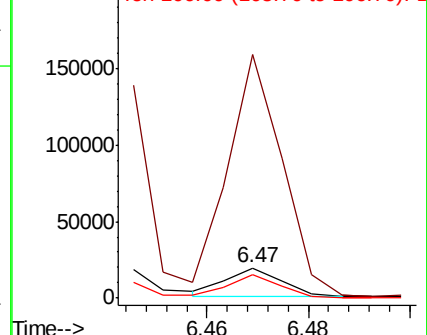
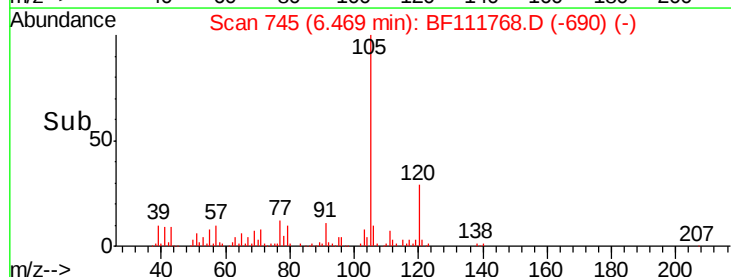
106 77.8 77.9 117.9#

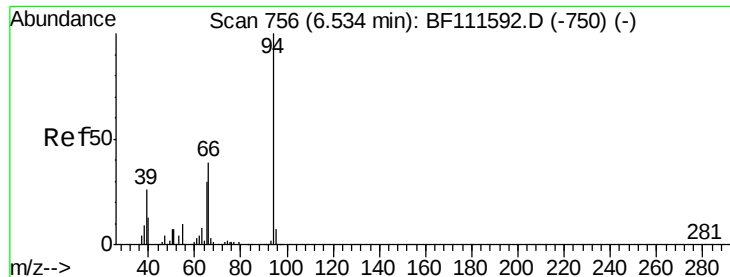


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 31.593 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.04 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-1824-01

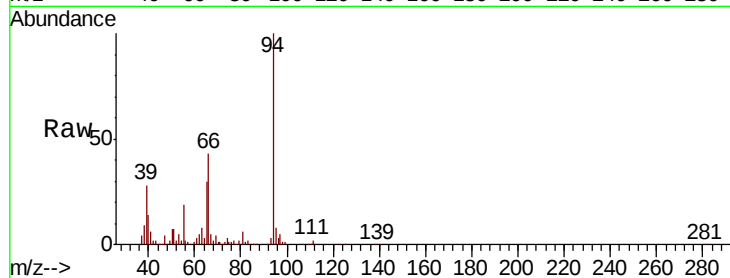
Tgt Ion: 94 Resp: 313614

Ion Ratio Lower Upper

94 100

65 30.1 11.7 51.7

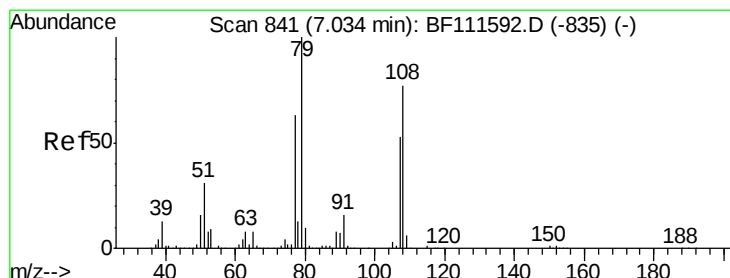
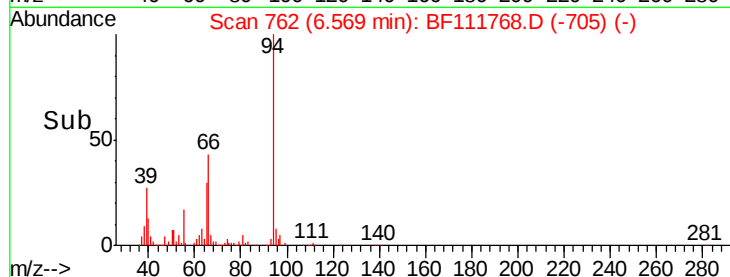
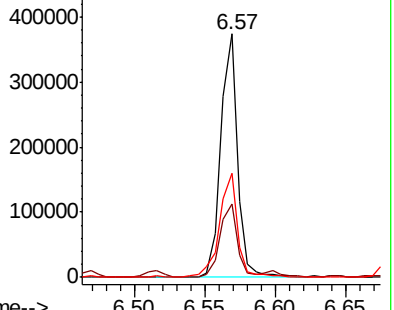
66 42.9 21.0 61.0



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



#15

Benzyl Alcohol

Concen: 2.333 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

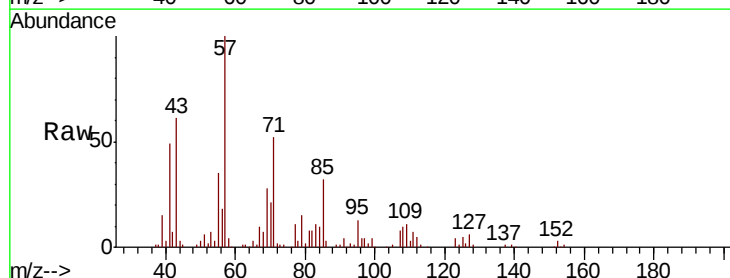
Tgt Ion: 79 Resp: 16302

Ion Ratio Lower Upper

79 100

108 66.0 69.4 104.2#

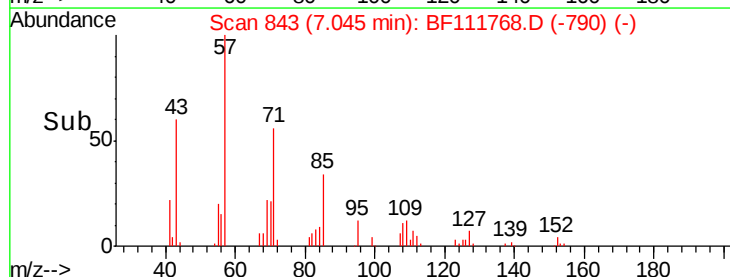
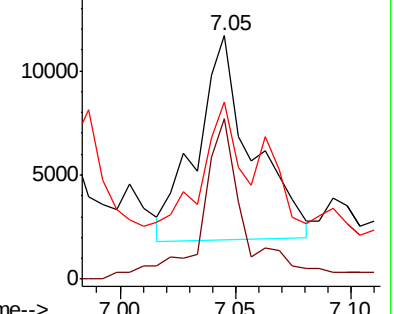
77 72.6 49.7 74.5

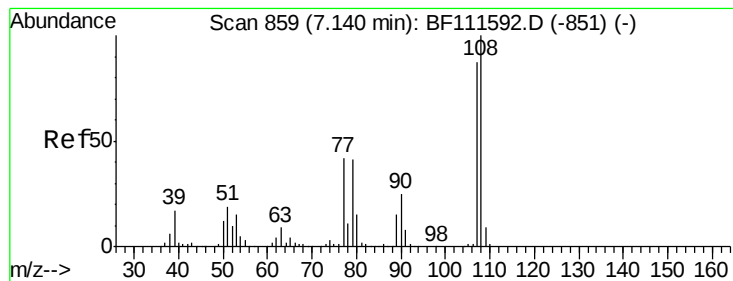


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

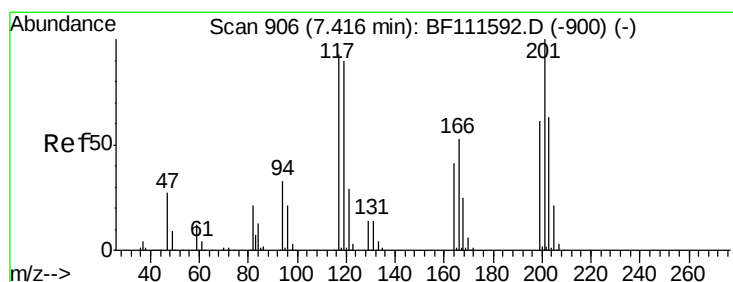
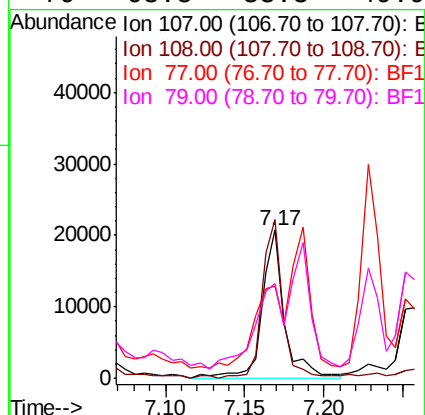
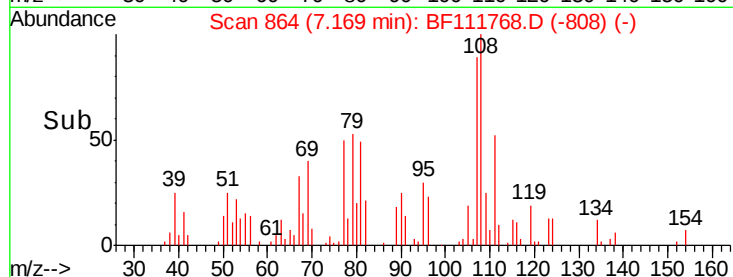
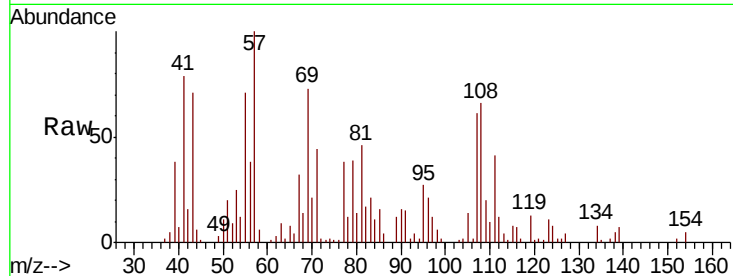




#17
2-Methylphenol
Concen: 3.340 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

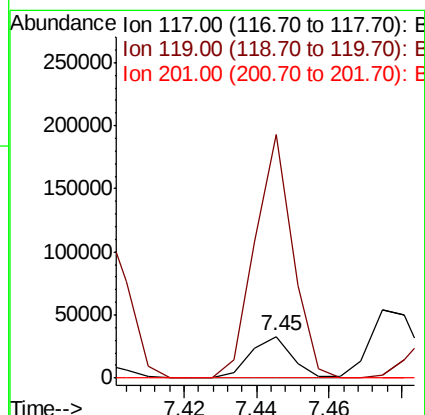
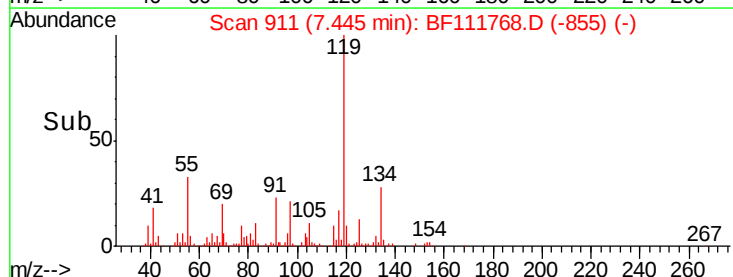
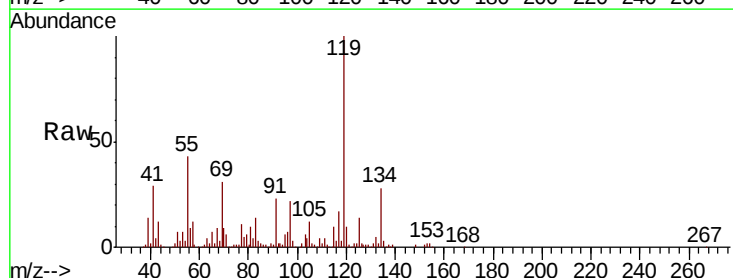
Instrument :
BNA_F
ClientSampleId :
P001-SS013C-1824-01

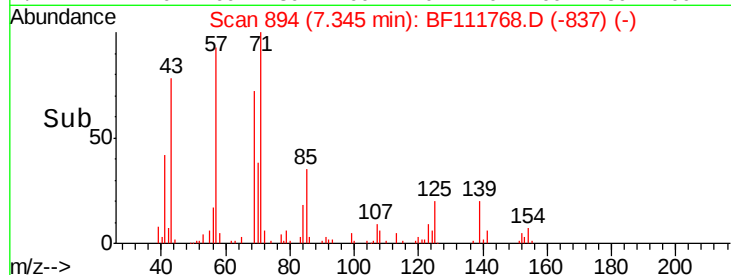
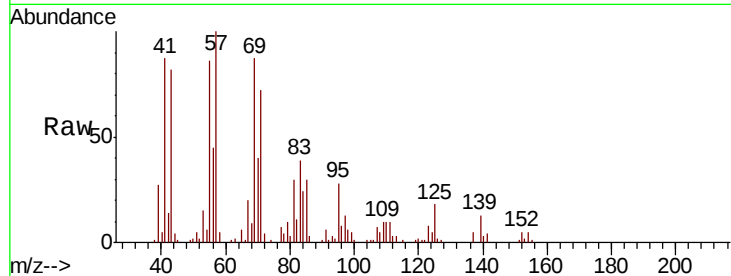
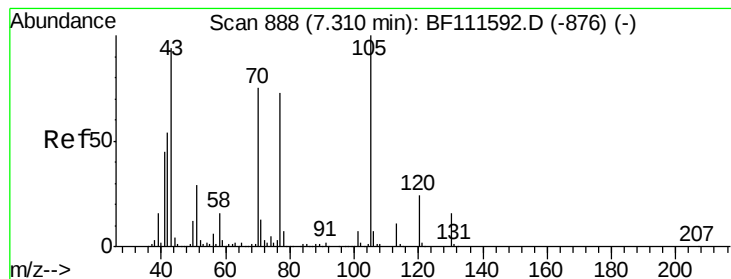
Tgt Ion:107 Resp: 20478
Ion Ratio Lower Upper
107 100
108 107.2 91.0 136.4
77 62.2 33.5 50.3#
79 63.8 33.3 49.9#



#18
Hexachloroethane
Concen: 8.635 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.03 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Tgt Ion:117 Resp: 26188
Ion Ratio Lower Upper
117 100
119 586.9 75.4 113.0#
201 0.0 62.4 93.6#





#19

n-Nitroso-di-n-propylamine

Concen: 3.382 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.04 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-1824-01

Tgt Ion: 70 Resp: 19758

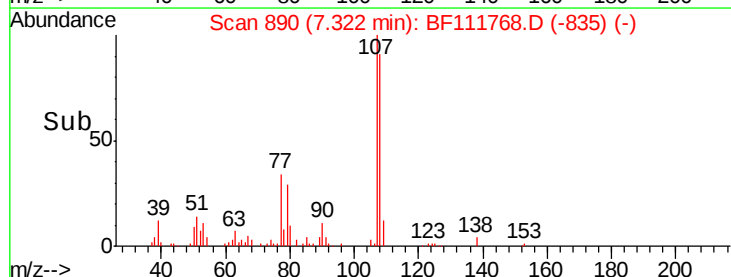
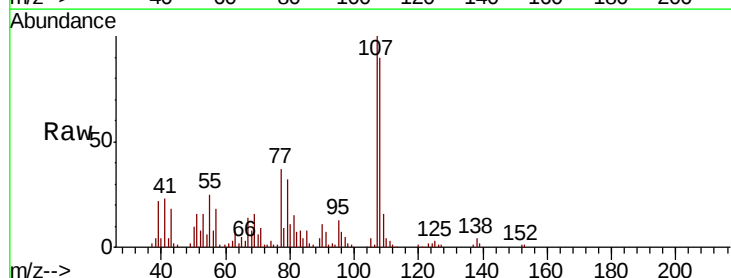
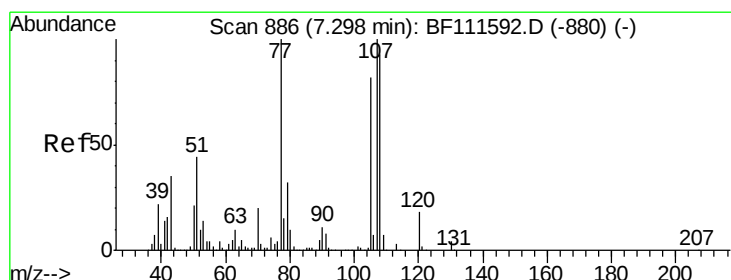
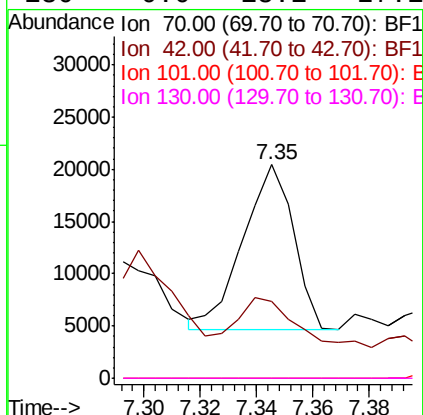
Ion Ratio Lower Upper

70 100

42 35.7 53.2 79.8#

101 0.0 8.2 12.4#

130 0.0 18.1 27.1#



#20

3+4-Methylphenols

Concen: 13.238 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.02 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Tgt Ion: 107 Resp: 102567

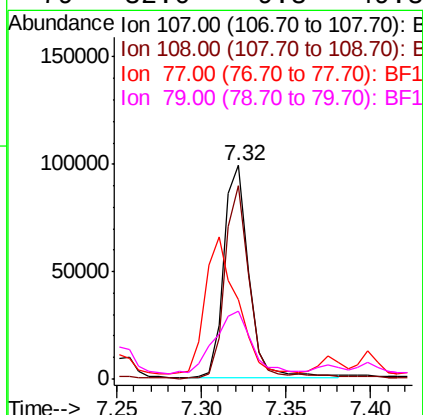
Ion Ratio Lower Upper

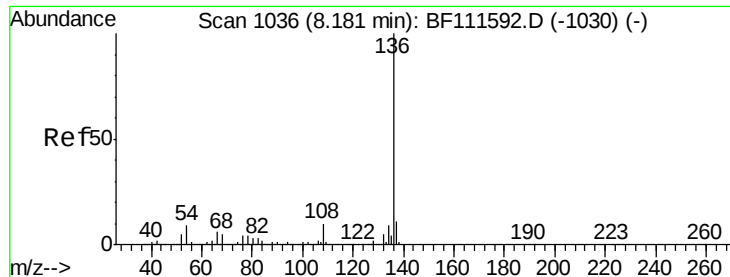
107 100

108 90.5 72.1 112.1

77 37.2 94.1 134.1#

79 32.0 9.8 49.8

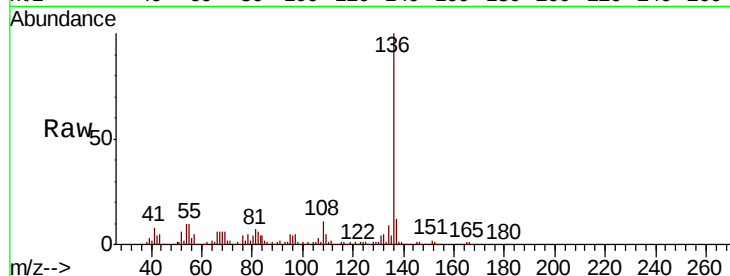




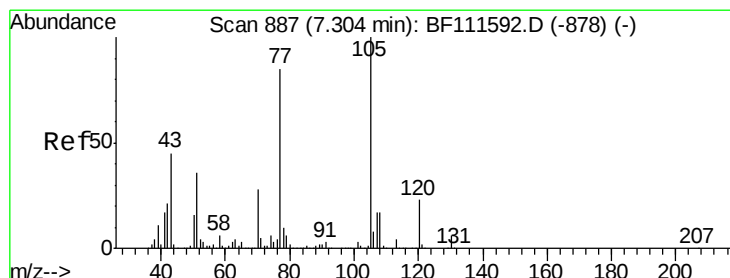
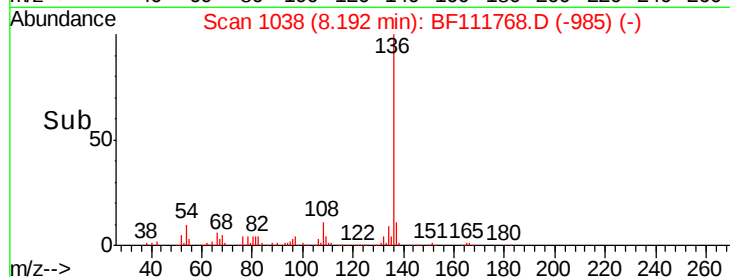
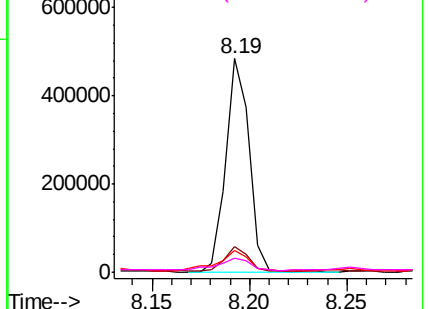
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-1824-01

Tgt Ion:	136	Resp:	397545
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.2	7.7	11.5
68	6.5	4.9	7.3

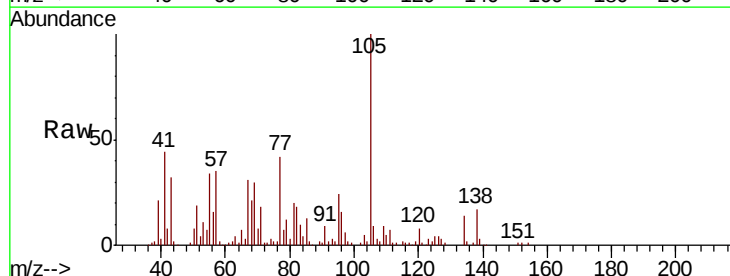


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

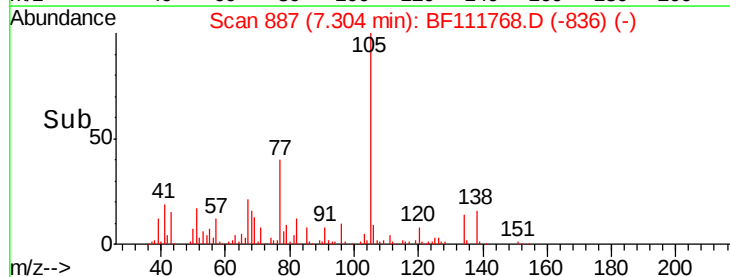
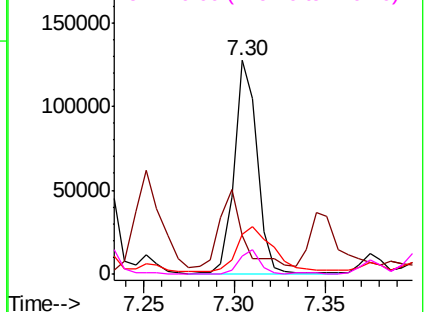


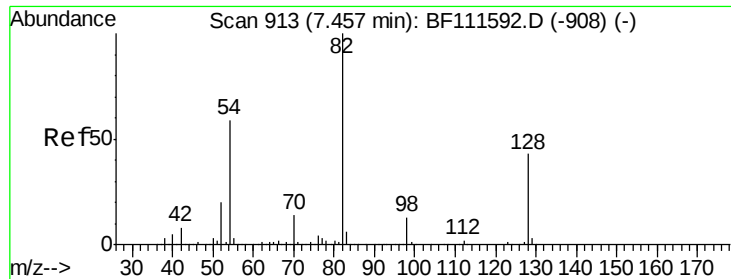
#22
Acetophenone
Concen: 10.983 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Tgt Ion:	105	Resp:	110615
Ion	Ratio	Lower	Upper
105	100		
71	17.8	3.1	4.7#
51	18.7	36.6	54.8#
120	8.4	18.2	27.4#



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

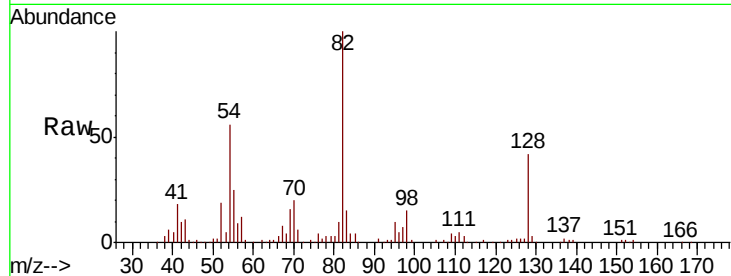




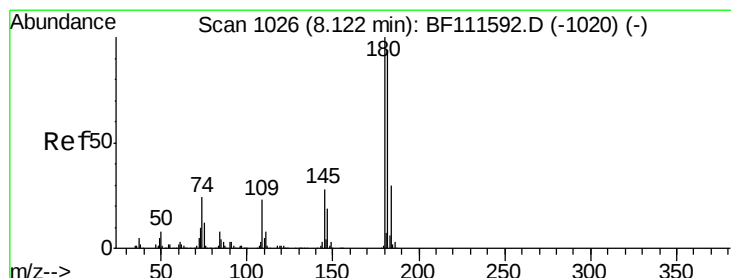
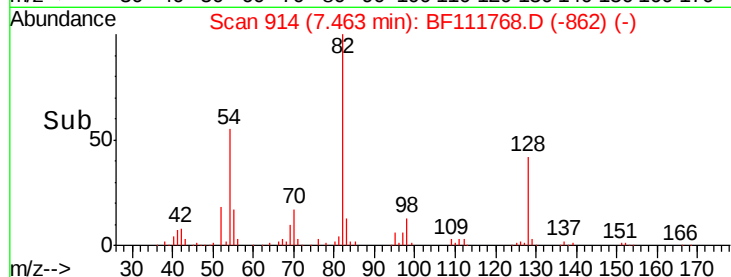
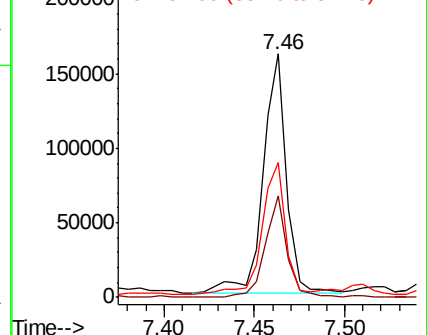
#23
 Nitrobenzene-d5
 Concen: 21.022 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111768.D
 Acq: 27 Dec 2018 17:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-1824-01

Tgt Ion: 82 Resp: 143578
 Ion Ratio Lower Upper
 82 100
 128 41.6 37.4 56.2
 54 55.5 47.6 71.4

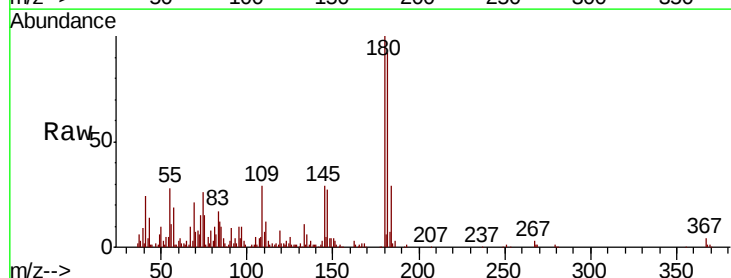


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

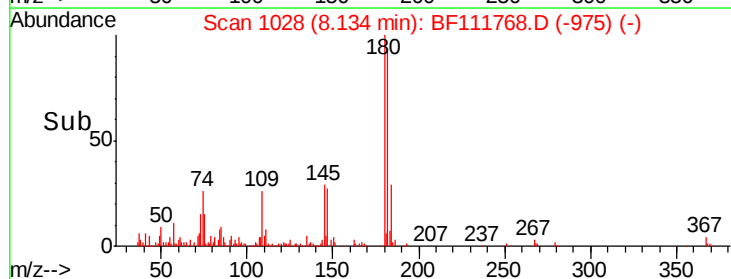
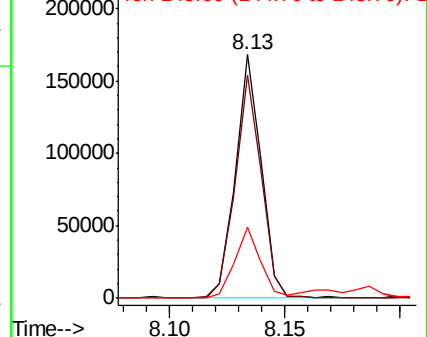


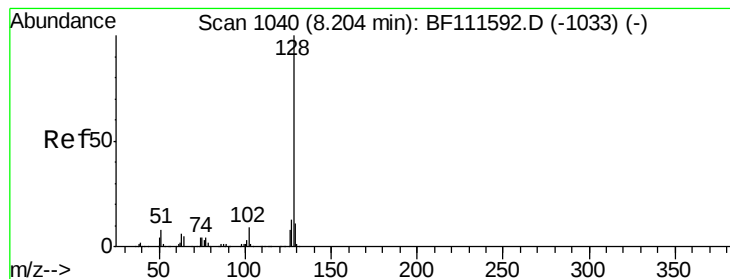
#30
 1,2,4-Trichlorobenzene
 Concen: 18.731 ng
 RT: 8.13 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BF111768.D
 Acq: 27 Dec 2018 17:51

Tgt Ion: 180 Resp: 128484
 Ion Ratio Lower Upper
 180 100
 182 91.6 75.6 113.4
 145 29.2 26.7 40.1



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





#31

Naphthalene

Concen: 9.062 ng

RT: 8.22 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-1824-01

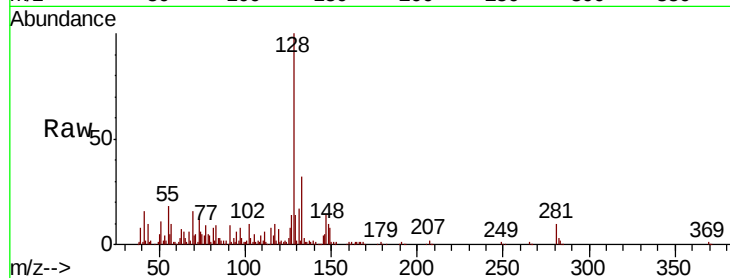
Tgt Ion:128 Resp: 173104

Ion Ratio Lower Upper

128 100

129 13.8 9.8 14.8

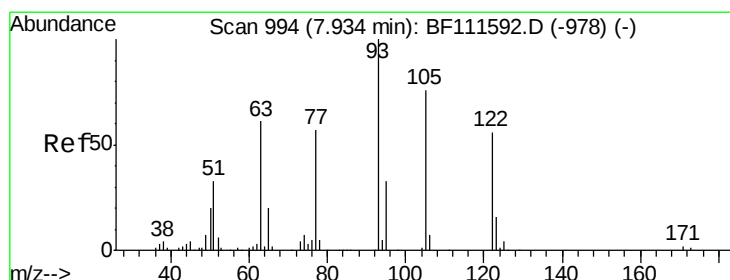
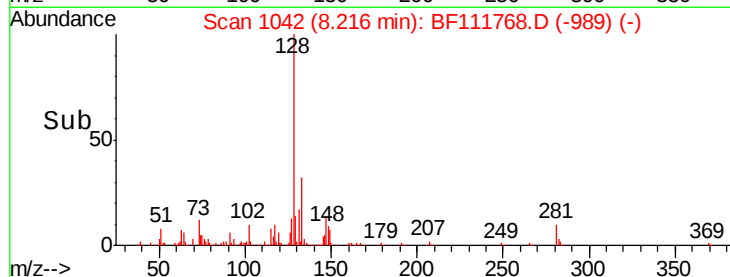
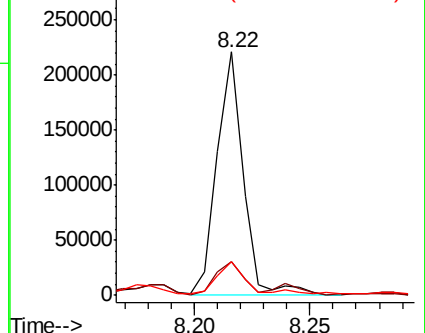
127 14.1 12.0 18.0



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: 6.318 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

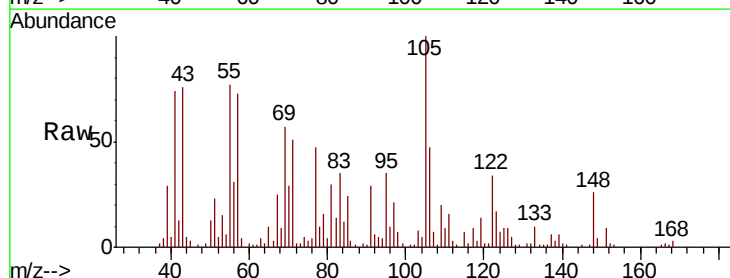
Tgt Ion:122 Resp: 23906

Ion Ratio Lower Upper

122 100

105 291.9 97.0 137.0#

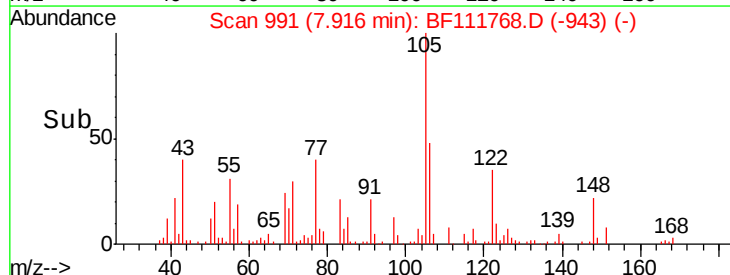
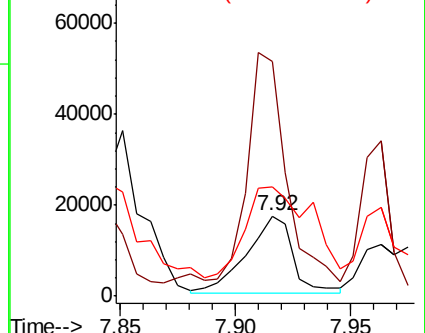
77 135.9 65.7 105.7#

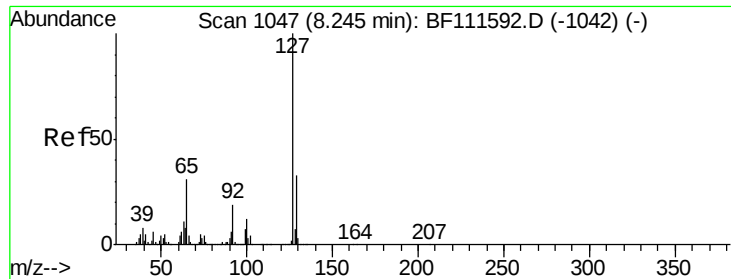


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

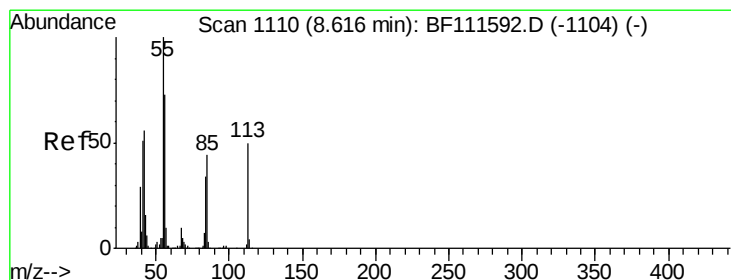
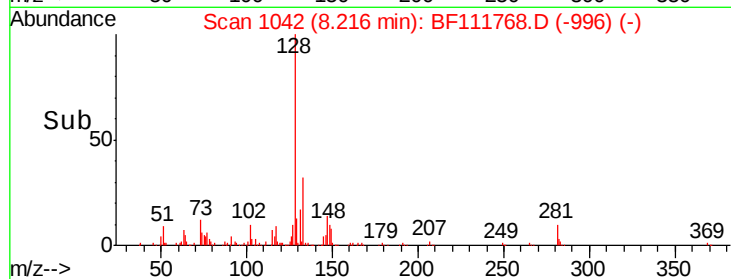
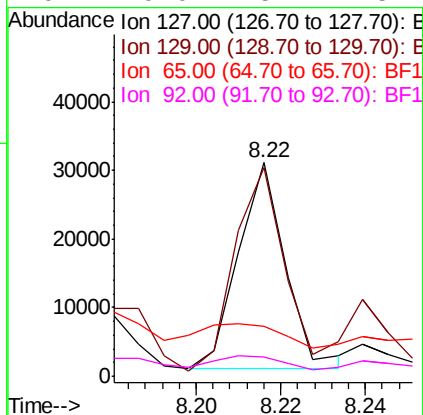
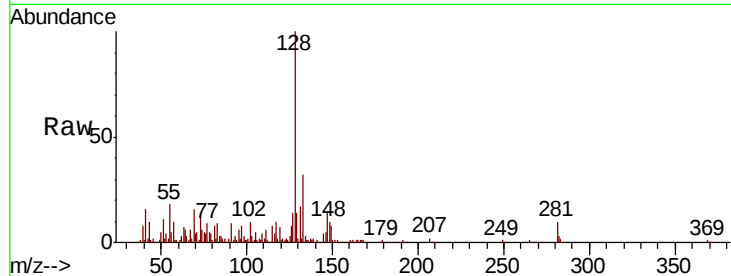




#33
4-Chloroaniline
Concen: 2.837 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

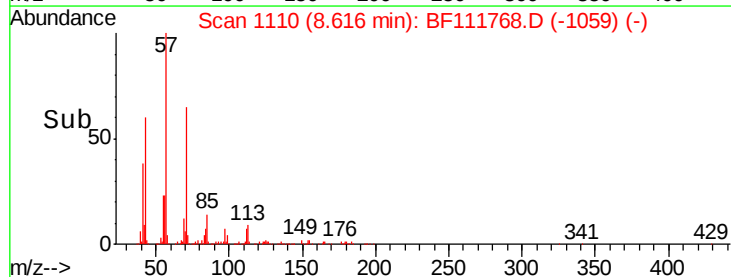
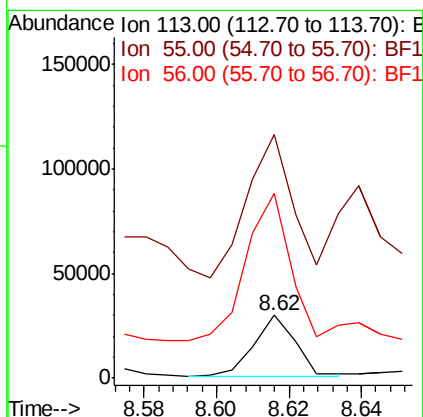
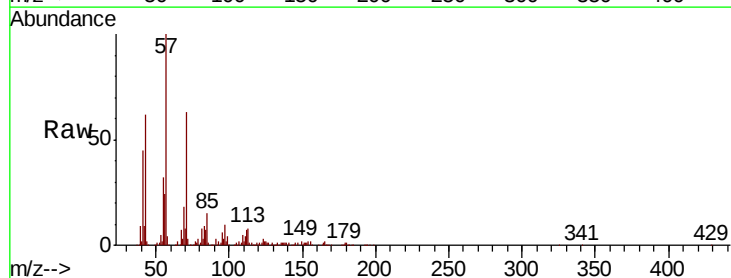
Instrument :
BNA_F
ClientSampleId :
P001-SS013C-1824-01

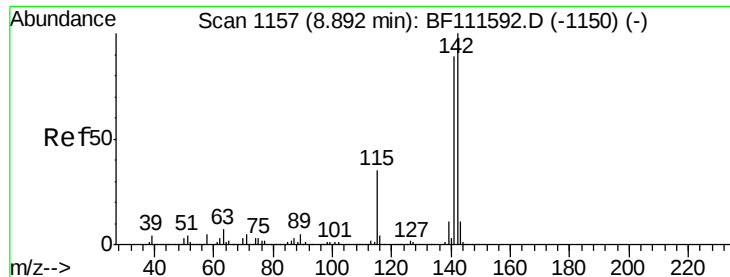
Tgt Ion:	127	Resp:	23424
Ion	Ratio	Lower	Upper
127	100		
129	98.0	26.6	39.8#
65	23.3	25.7	38.5#
92	9.0	15.4	23.2#



#35
Caprolactam
Concen: 10.898 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Tgt Ion:	113	Resp:	22732
Ion	Ratio	Lower	Upper
113	100		
55	387.8	184.1	224.1#
56	293.7	126.0	166.0#

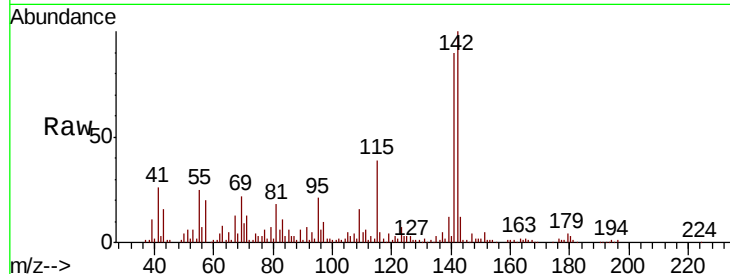




#37
2-Methylnaphthalene
Concen: 14.733 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-1824-01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.6	105.8
115	39.1	27.0	40.6

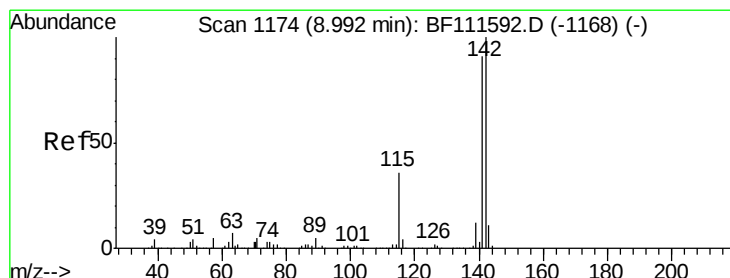
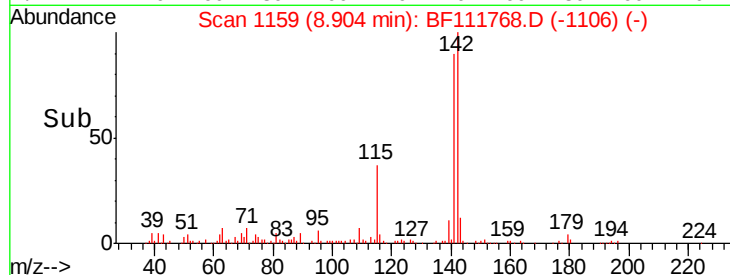
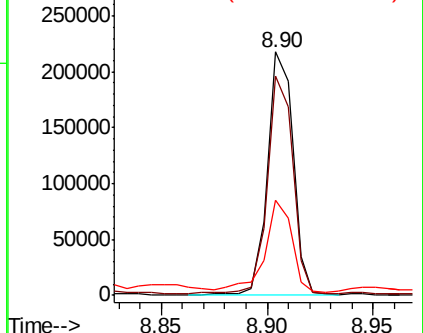


Abundance

Ion 142.00 (141.70 to 142.70): E

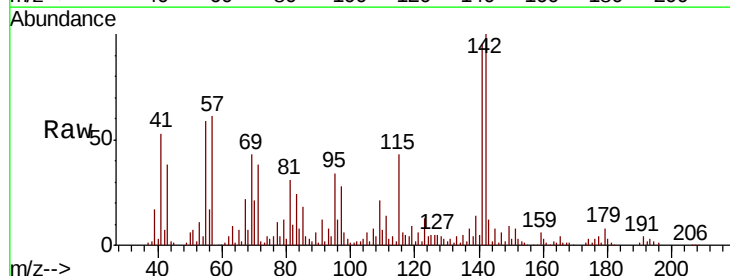
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 8.772 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	74.2	111.4
116	6.0	2.9	4.3#

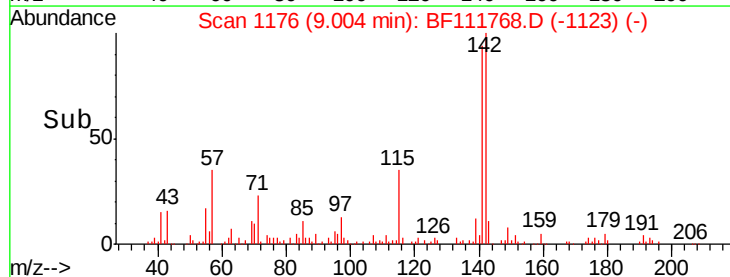
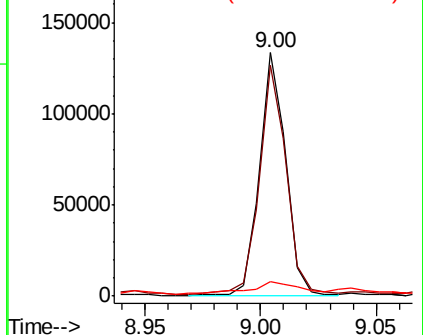


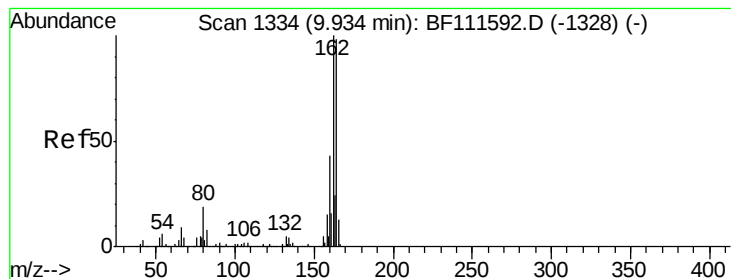
Abundance

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: 9.95 min Scan# 1337

Delta R.T. 0.02 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-1824-01

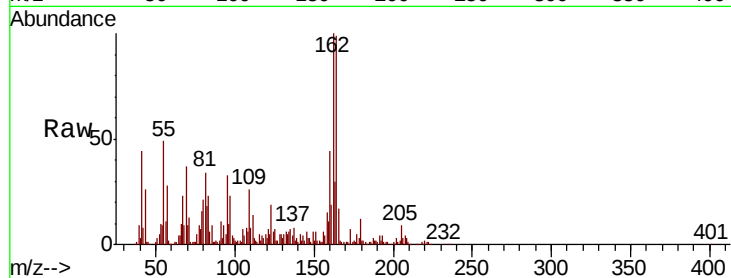
Tgt Ion:164 Resp: 178832

Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

160 44.5 35.7 53.5

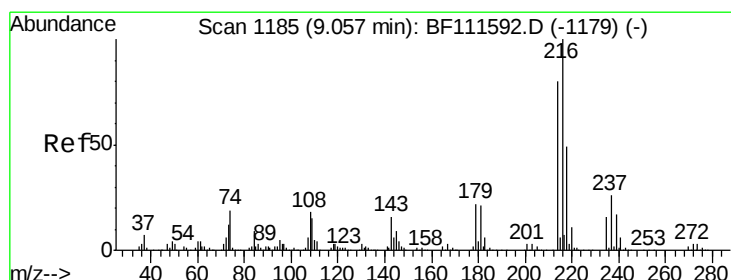
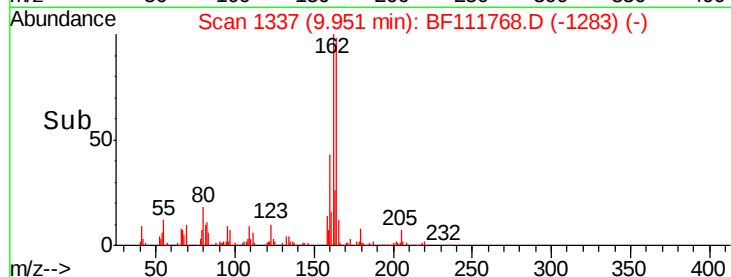
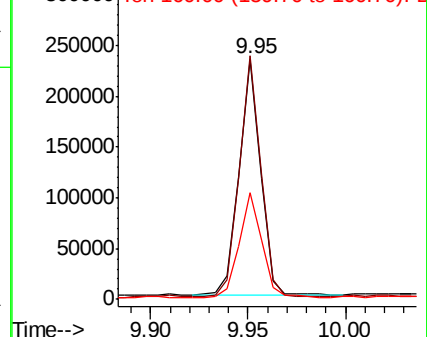


Abundance

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: 4.651 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.02 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Tgt Ion:216 Resp: 27332

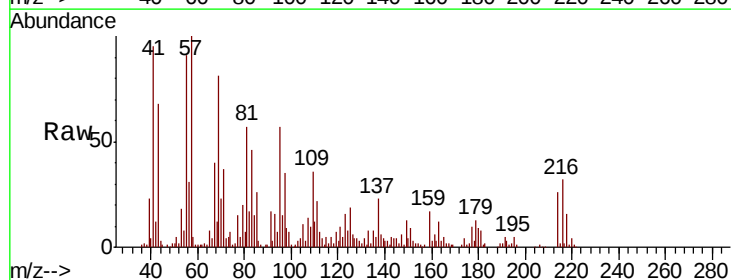
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.8

179 55.5 17.9 26.9#

108 29.4 18.4 27.6#



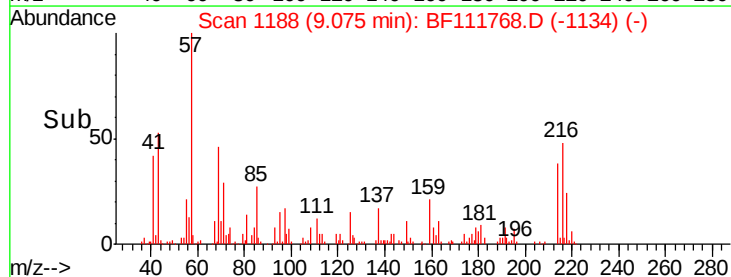
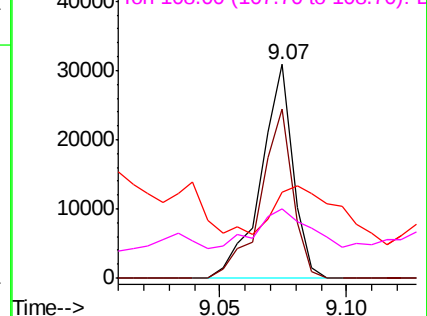
Abundance

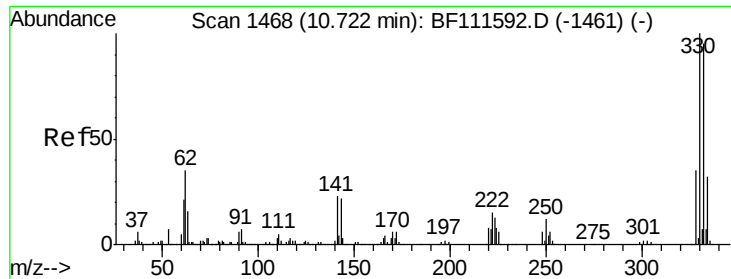
Ion 216.00 (215.70 to 216.70): E

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

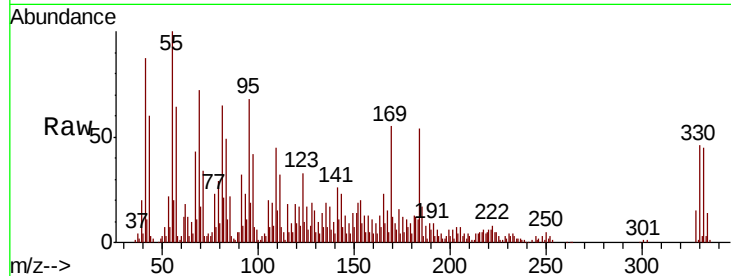




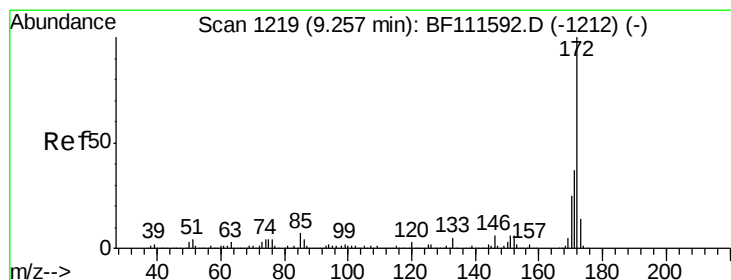
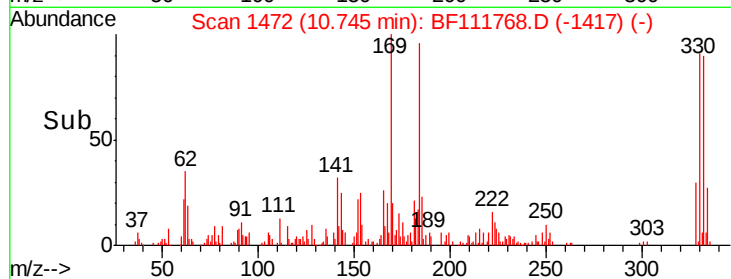
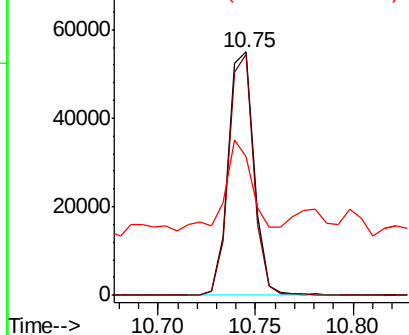
#42
 2,4,6-Tribromophenol
 Concen: 23.895 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. 0.02 min
 Lab File: BF111768.D
 Acq: 27 Dec 2018 17:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-1824-01

Tgt Ion:330 Resp: 50490
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.0 114.0
 141 37.6 31.0 46.6

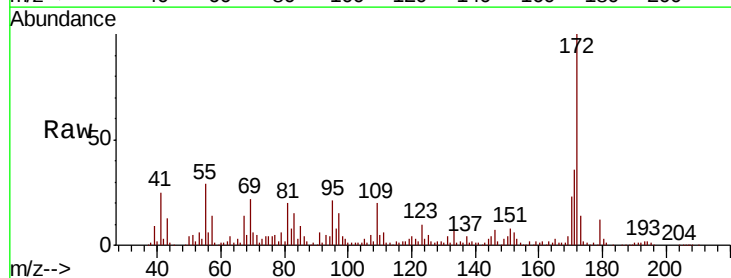


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

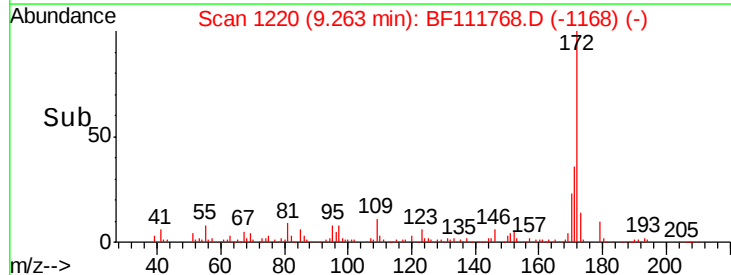
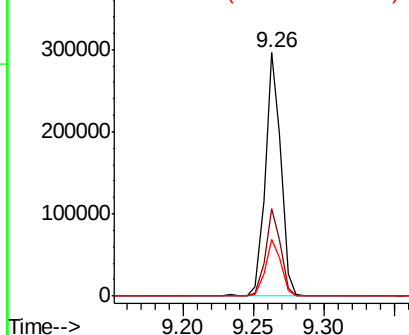


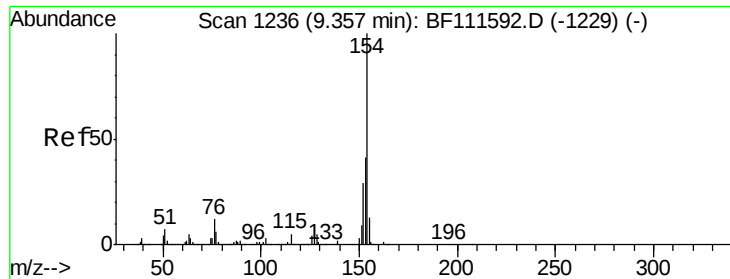
#45
 2-Fluorobiphenyl
 Concen: 18.912 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111768.D
 Acq: 27 Dec 2018 17:51

Tgt Ion:172 Resp: 232039
 Ion Ratio Lower Upper
 172 100
 171 35.9 33.0 49.4
 170 23.5 22.3 33.5



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

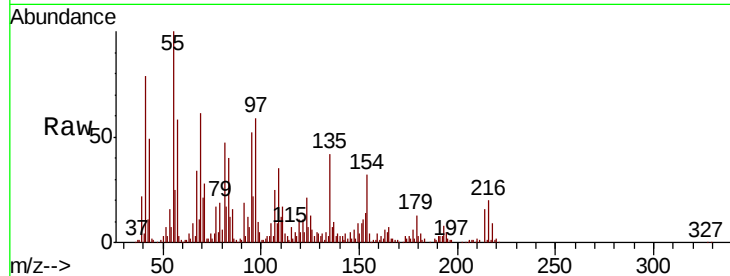




#46
 1,1'-Biphenyl
 Concen: 2.559 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.01 min
 Lab File: BF111768.D
 Acq: 27 Dec 2018 17:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-1824-01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.0	23.7	63.7
76	12.2	0.0	35.0

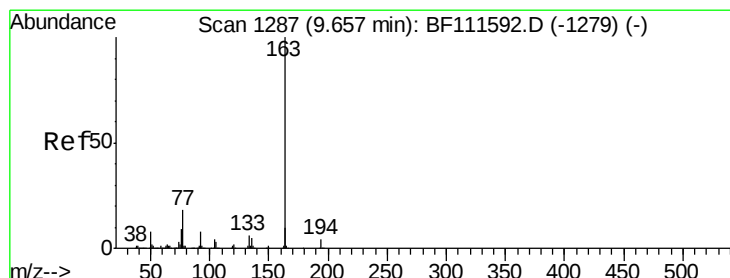
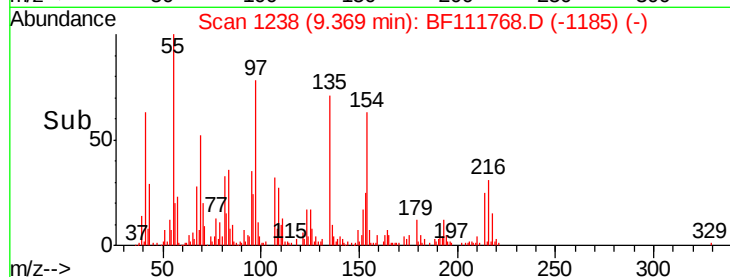
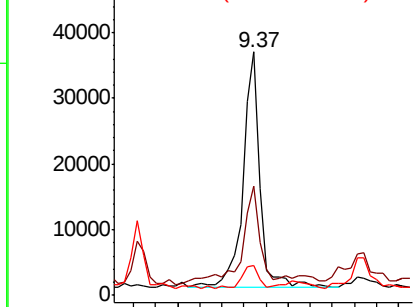


Abundance

Ion 154.00 (153.70 to 154.70): E

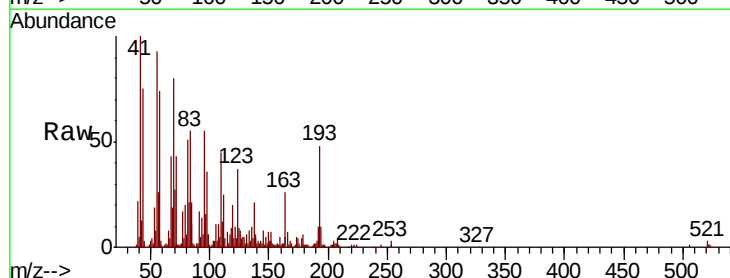
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#50
 Dimethylphthalate
 Concen: 2.845 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BF111768.D
 Acq: 27 Dec 2018 17:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	37.6	3.0	4.6#
164	18.3	8.9	13.3#

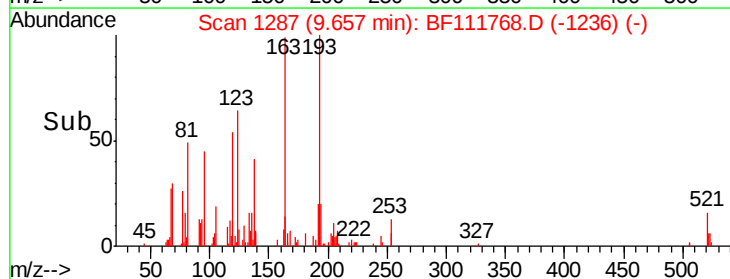
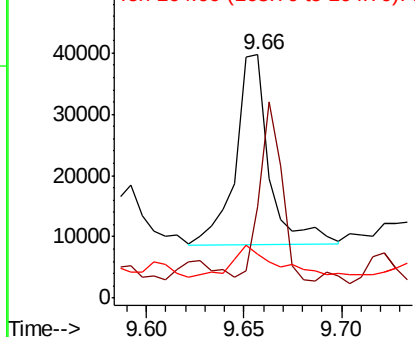


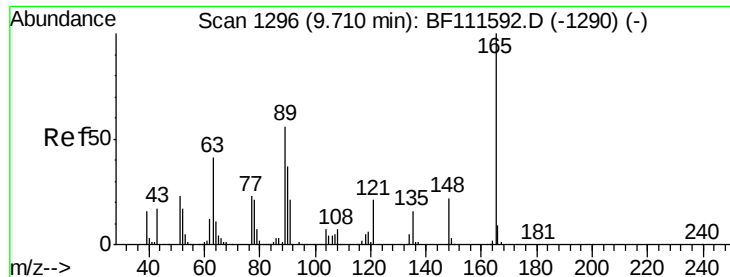
Abundance

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: 3.205 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-1824-01

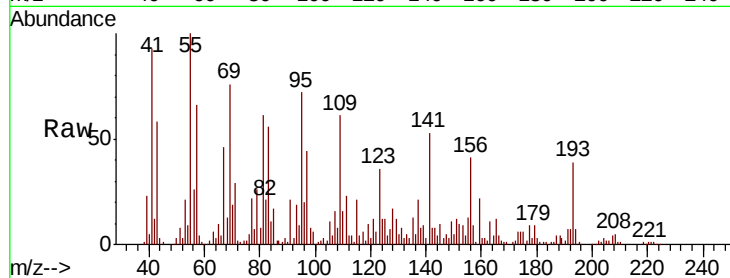
Tgt Ion:165 Resp: 8357

Ion Ratio Lower Upper

165 100

63 51.7 40.5 60.7

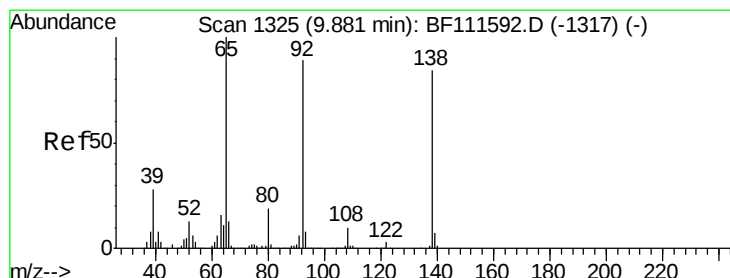
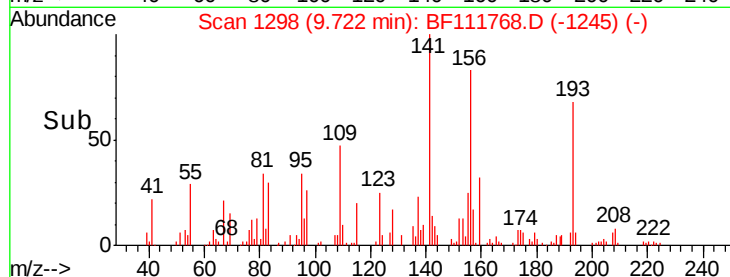
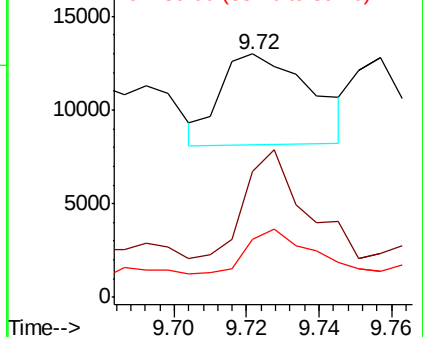
89 24.0 40.0 60.0#



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



#53

3-Nitroaniline

Concen: 3.411 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.02 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

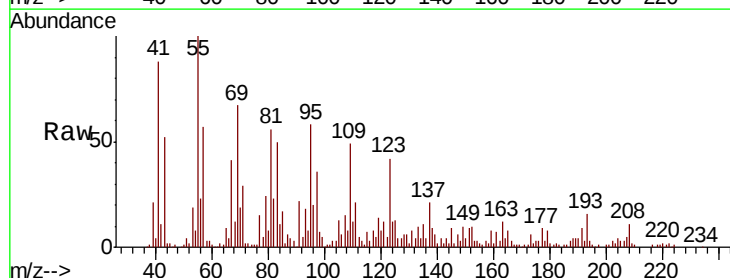
Tgt Ion:138 Resp: 9486

Ion Ratio Lower Upper

138 100

108 80.0 8.2 12.4#

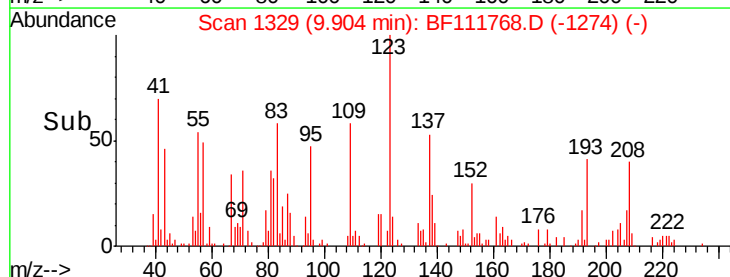
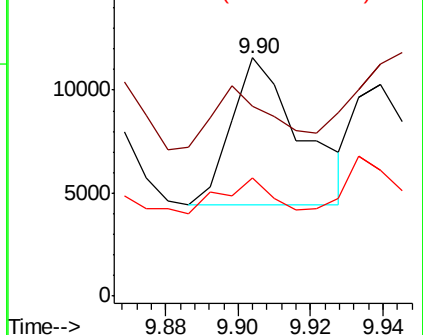
92 49.7 93.4 140.2#

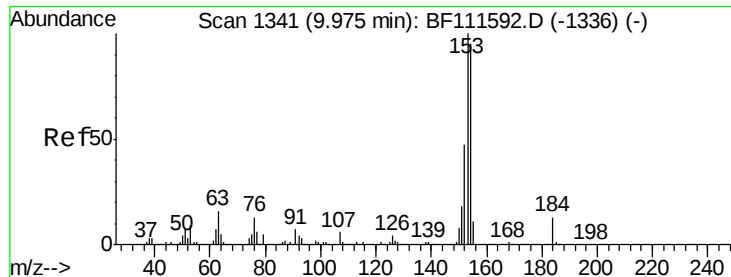


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

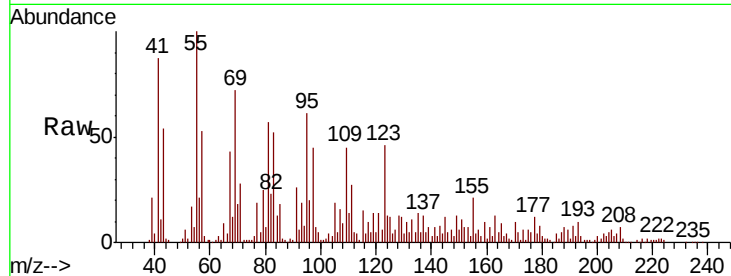




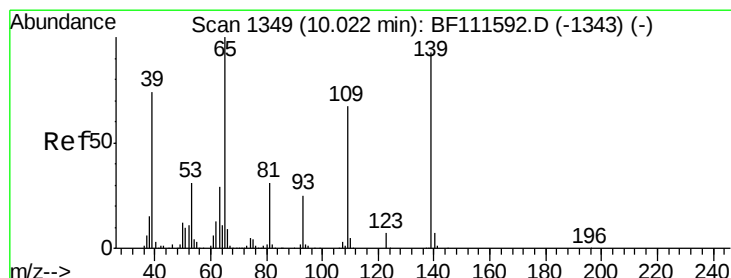
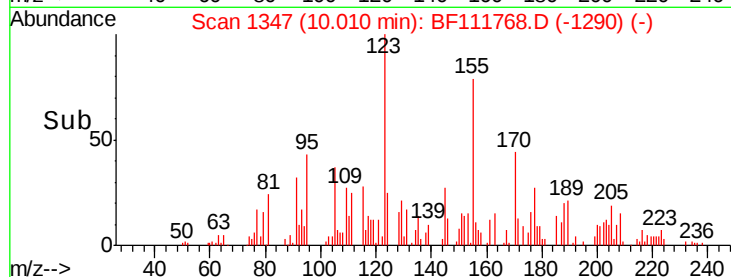
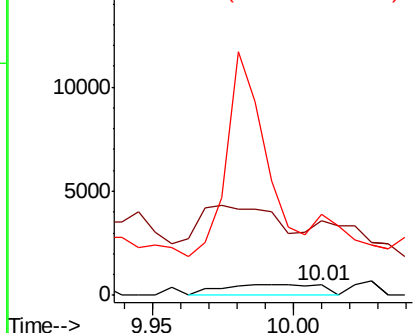
#54
2,4-Dinitrophenol
Concen: 8.648 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.04 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-1824-01

Tgt Ion:184 Resp: 1235
Ion Ratio Lower Upper
184 100
63 712.3 62.3 93.5#
154 763.8 56.2 84.2#

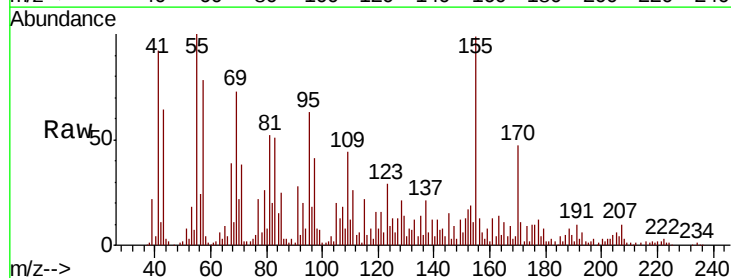


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

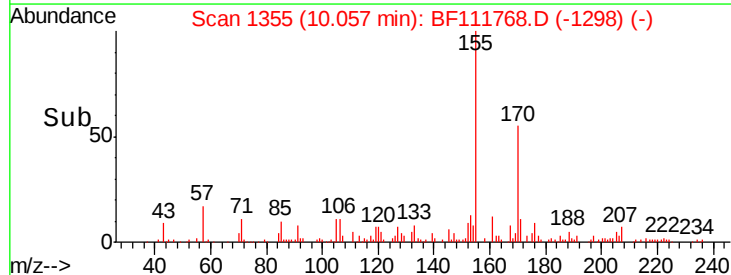
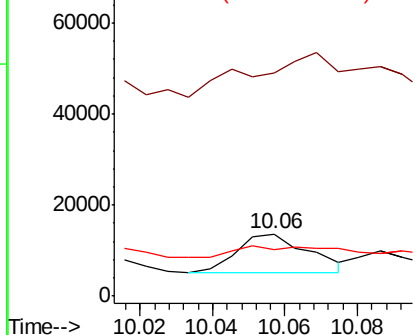


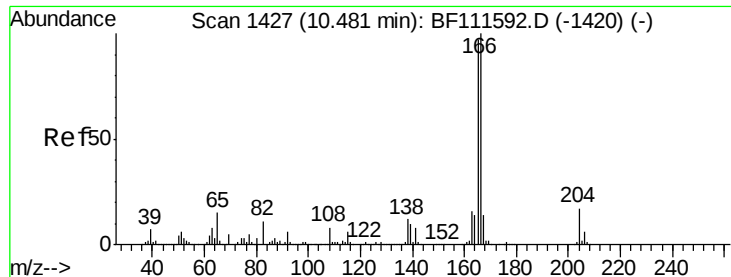
#56
4-Nitrophenol
Concen: 5.402 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.04 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Tgt Ion:139 Resp: 11465
Ion Ratio Lower Upper
139 100
109 357.9 41.8 81.8#
65 74.1 79.6 119.6#



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

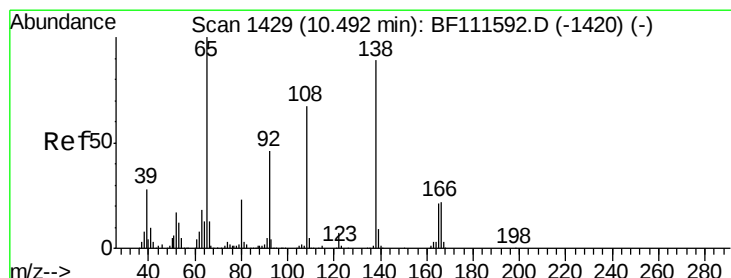
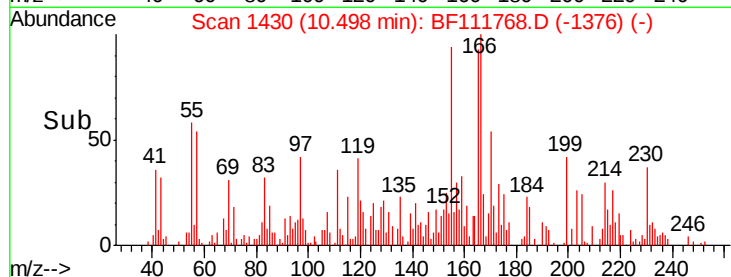
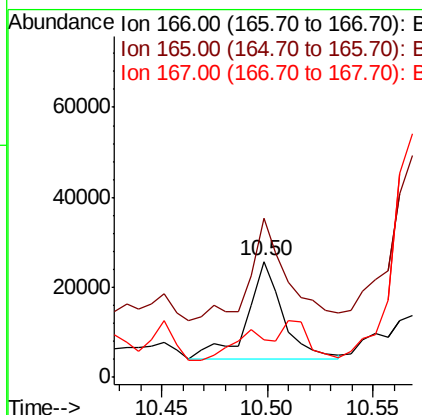
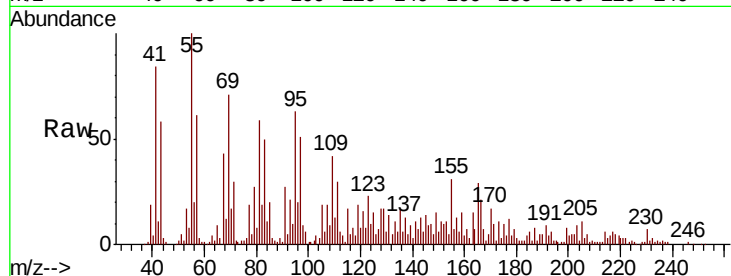




#58
Fluorene
 Concen: 2.187 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.02 min
 Lab File: BF111768.D
 Acq: 27 Dec 2018 17:51

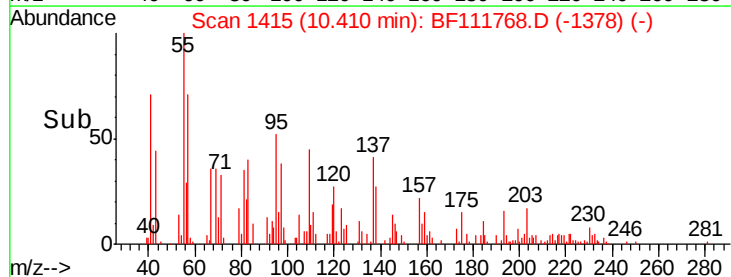
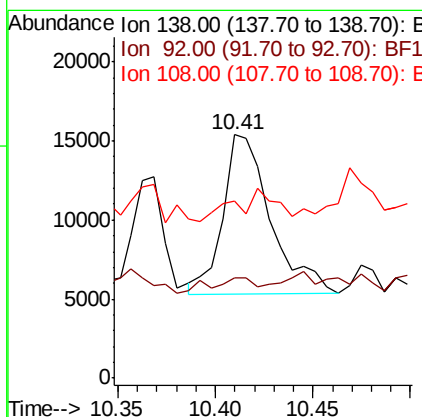
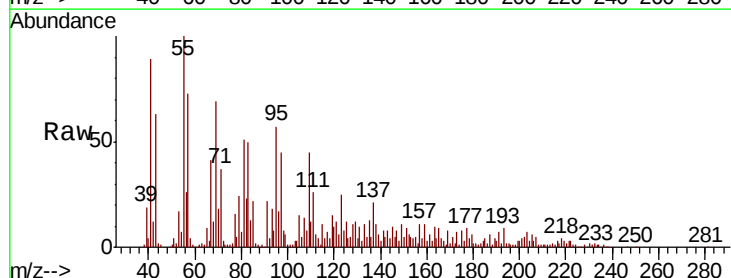
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-1824-01

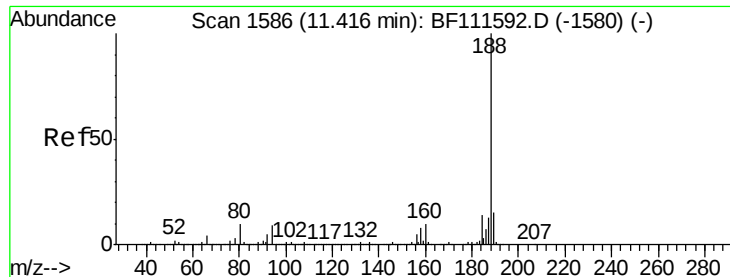
Tgt Ion:166 Resp: 25638
 Ion Ratio Lower Upper
 166 100
 165 137.4 78.4 117.6#
 167 31.9 11.2 16.8#



#62
4-Nitroaniline
 Concen: 6.317 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.08 min
 Lab File: BF111768.D
 Acq: 27 Dec 2018 17:51

Tgt Ion:138 Resp: 17075
 Ion Ratio Lower Upper
 138 100
 92 41.1 29.9 69.9
 108 72.6 43.2 83.2

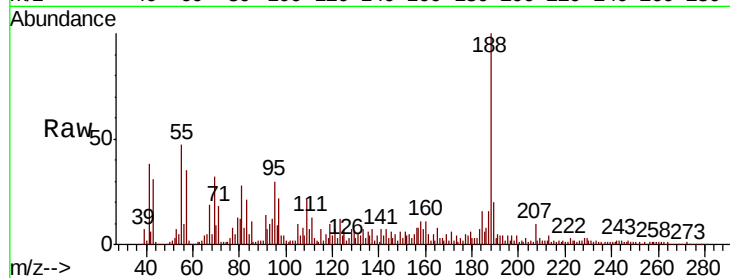




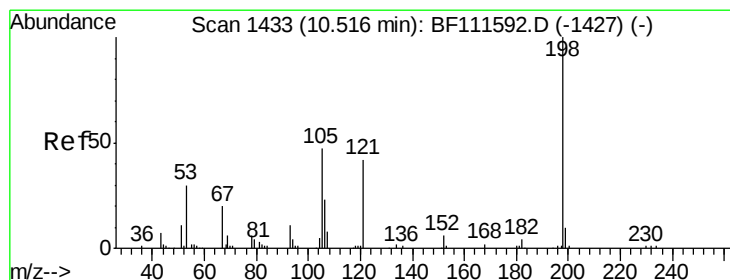
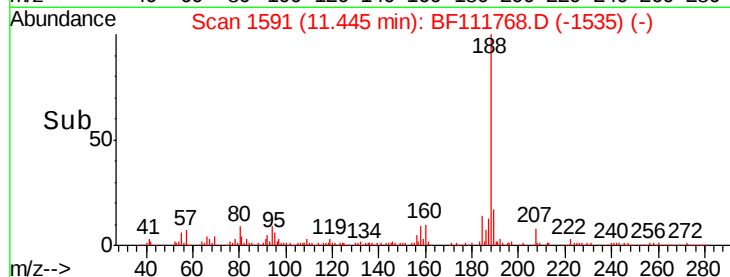
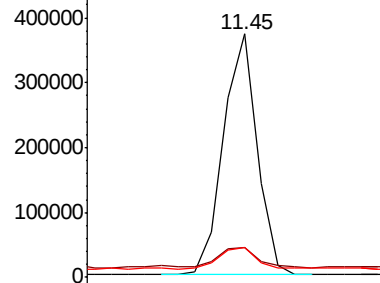
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.03 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-1824-01

Tgt Ion:188 Resp: 306253
Ion Ratio Lower Upper
188 100
94 12.4 9.6 14.4
80 12.3 9.8 14.6

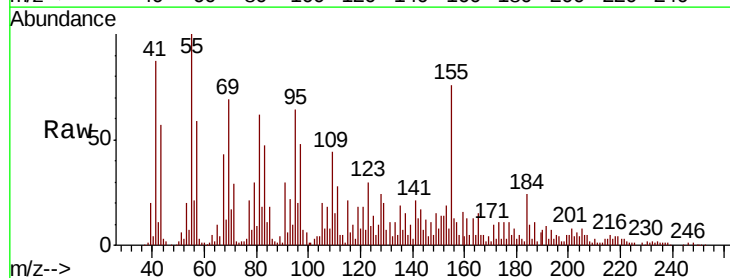


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

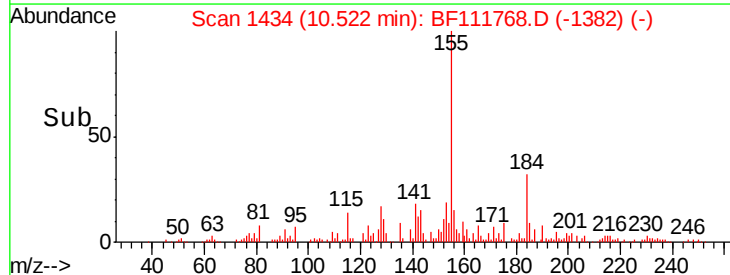
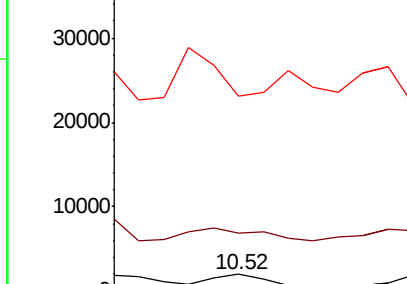


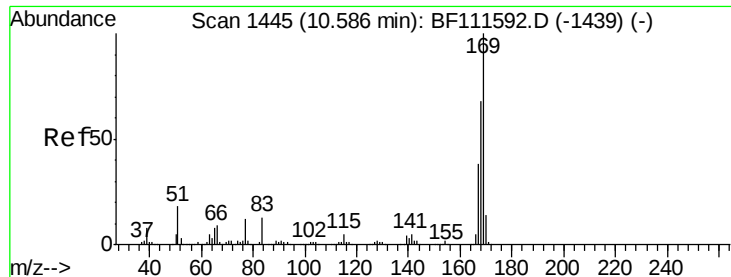
#65
4,6-Dinitro-2-methylphenol
Concen: 7.519 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Tgt Ion:198 Resp: 1215
Ion Ratio Lower Upper
198 100
51 339.4 48.0 88.0#
105 1147.2 34.0 74.0#



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: 6.251 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.02 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-1824-01

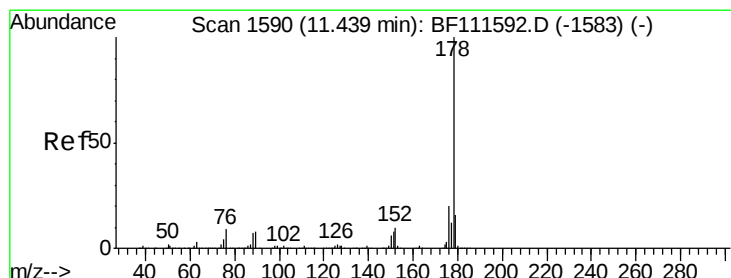
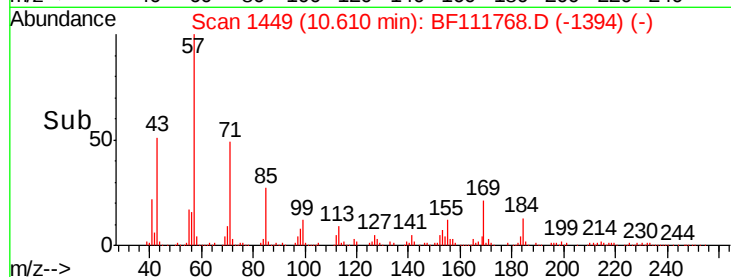
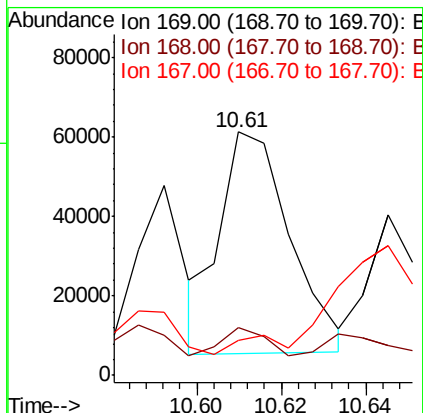
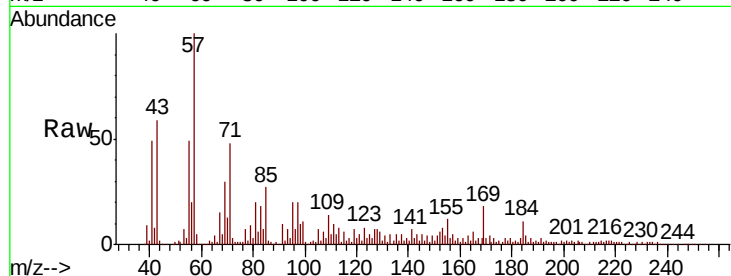
Tgt Ion:169 Resp: 64258

Ion Ratio Lower Upper

169 100

168 19.4 54.4 81.6#

167 14.6 30.5 45.7#



#71

Phenanthrene

Concen: 5.443 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.03 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

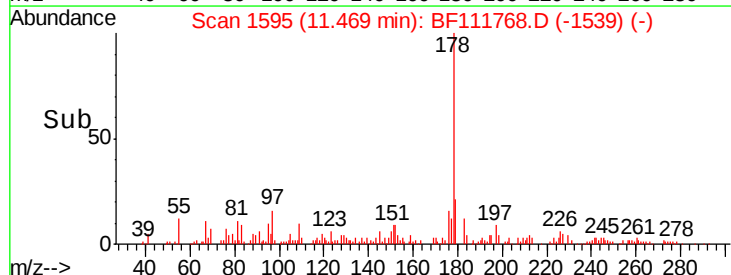
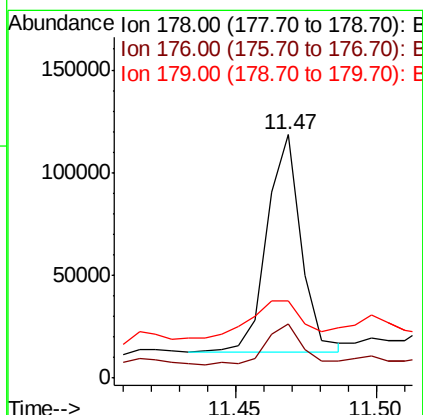
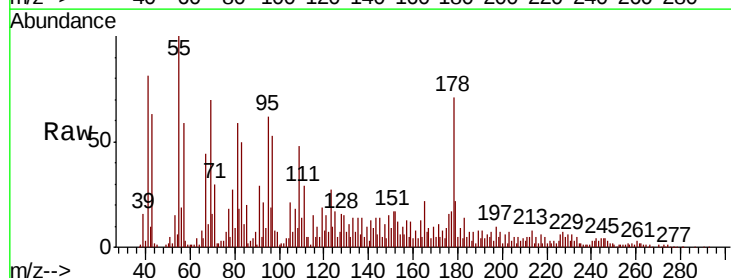
Tgt Ion:178 Resp: 88399

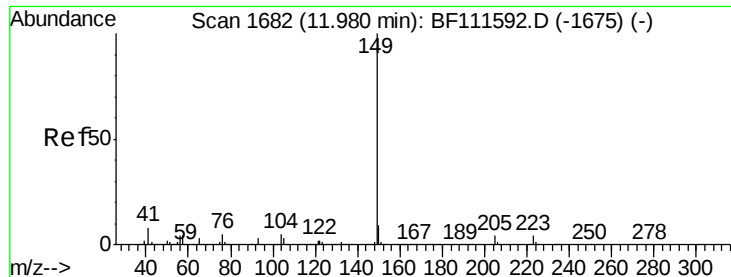
Ion Ratio Lower Upper

178 100

176 22.1 18.1 27.1

179 31.7 14.0 21.0#





#74

Di-n-butylphthalate

Concen: 2.277 ng

RT: 12.00 min Scan# 1685

Delta R.T. 0.02 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-1824-01

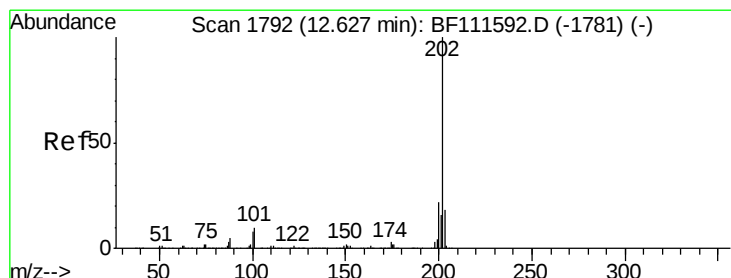
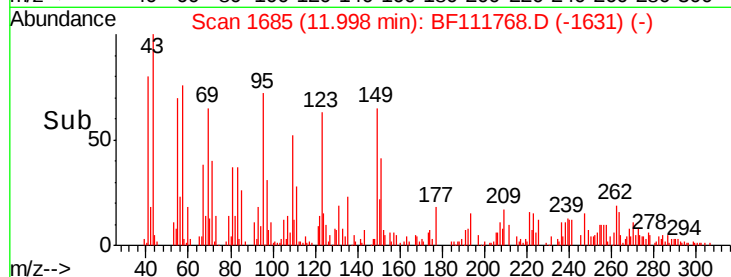
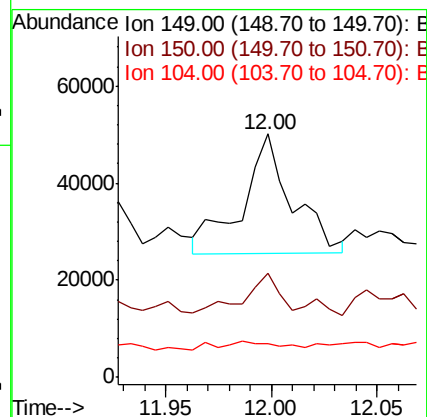
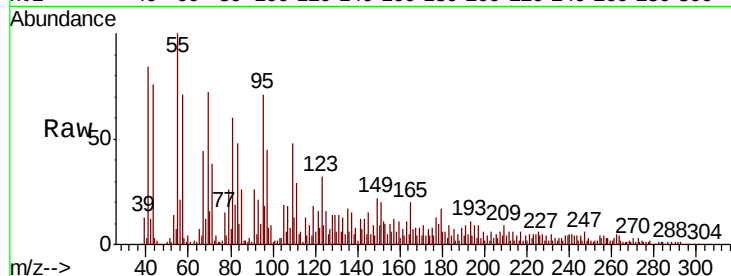
Tgt Ion:149 Resp: 40416

Ion Ratio Lower Upper

149 100

150 42.6 8.8 13.2#

104 14.1 4.5 6.7#



#75

Fluoranthene

Concen: 5.736 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.27 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

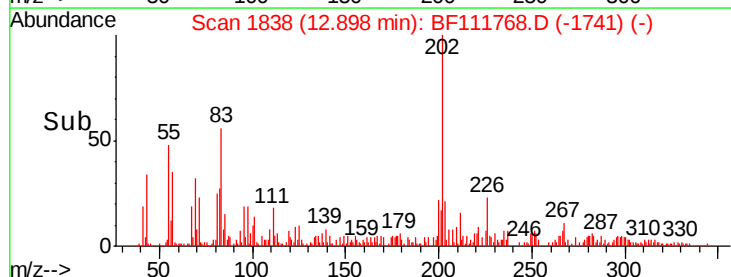
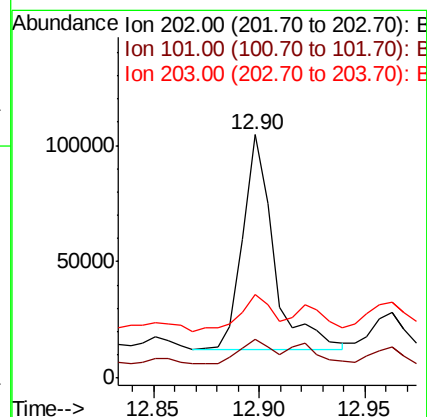
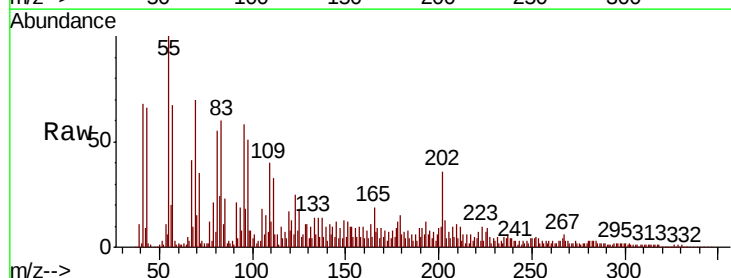
Tgt Ion:202 Resp: 94348

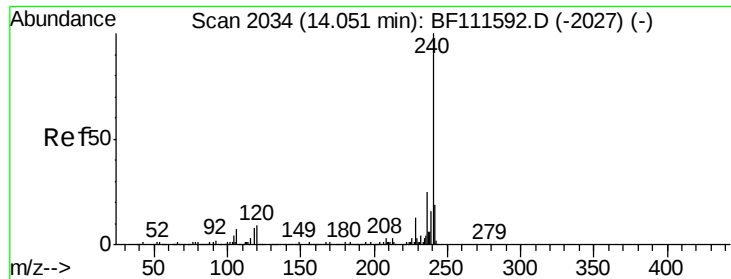
Ion Ratio Lower Upper

202 100

101 16.1 0.0 33.8

203 34.4 0.0 38.6

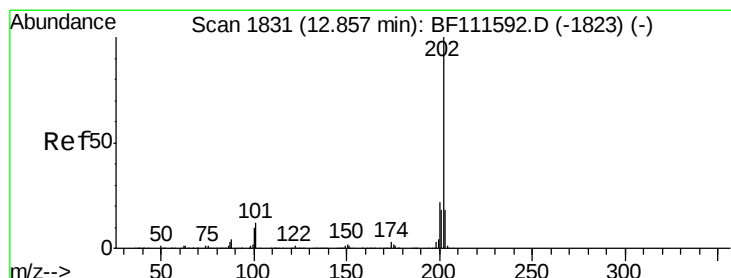
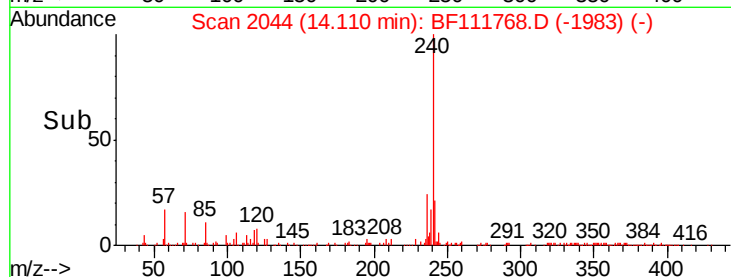
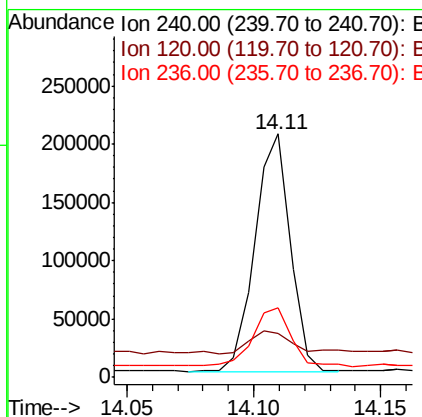
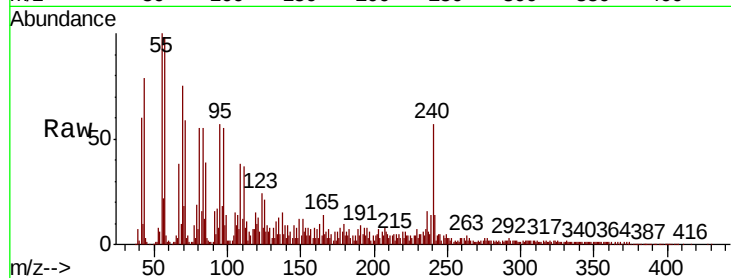




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.06 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

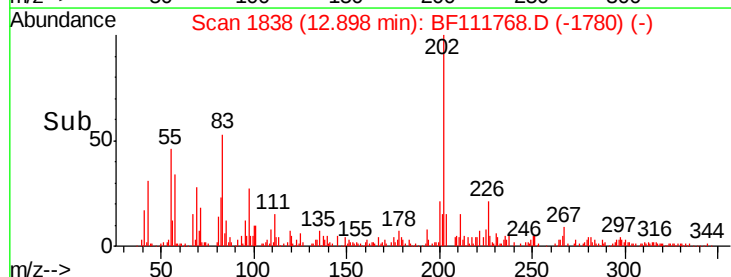
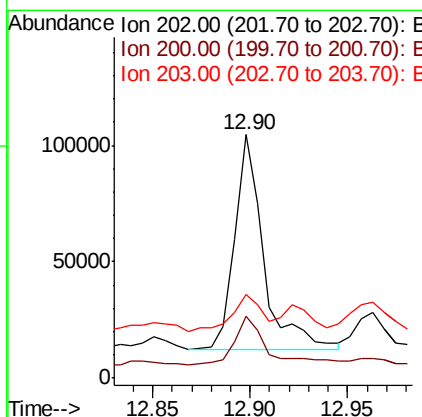
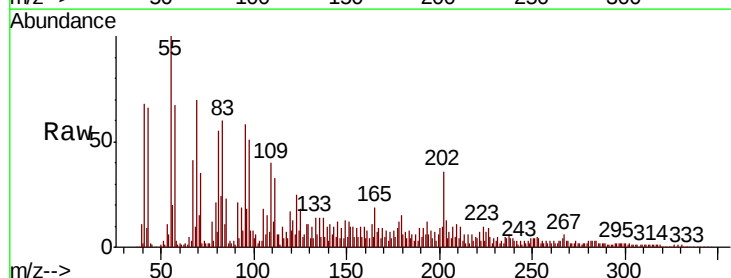
Instrument :
BNA_F
ClientSampleId :
P001-SS013C-1824-01

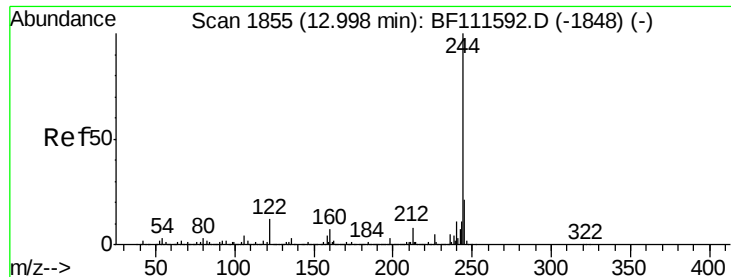
Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.9	12.2	18.2
236	28.8	20.2	30.2



#78
Pyrene
Concen: 6.771 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.04 min
Lab File: BF111768.D
Acq: 27 Dec 2018 17:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.2	19.0	28.4
203	34.4	15.2	22.8





#79

Terphenyl-d14

Concen: 19.114 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.04 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-1824-01

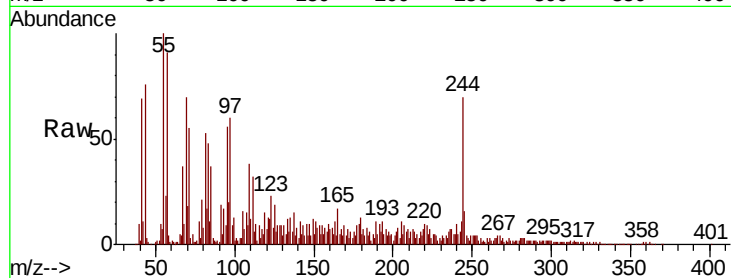
Tgt Ion:244 Resp: 200814

Ion Ratio Lower Upper

244 100

212 9.3 5.7 8.5#

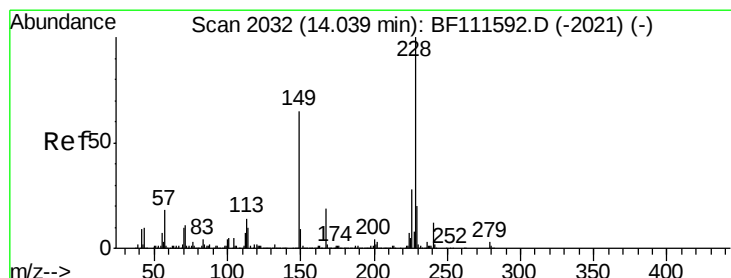
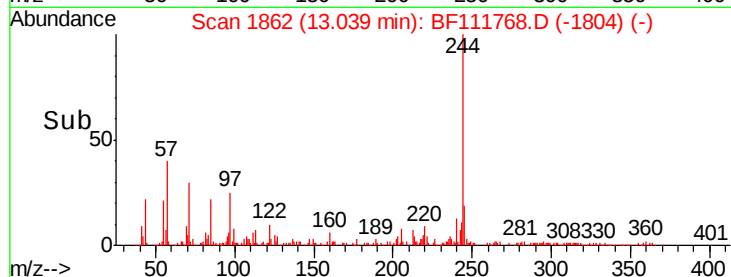
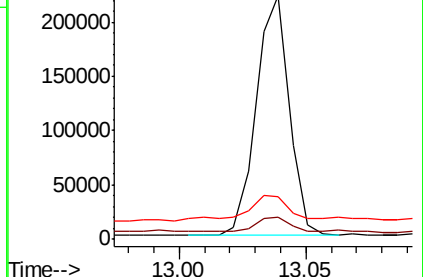
122 17.3 13.1 19.7



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



#81

Benzo(a)anthracene

Concen: 4.245 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.08 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

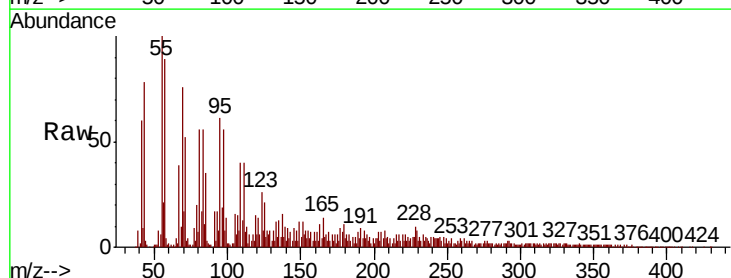
Tgt Ion:228 Resp: 48270

Ion Ratio Lower Upper

228 100

226 50.6 22.6 34.0#

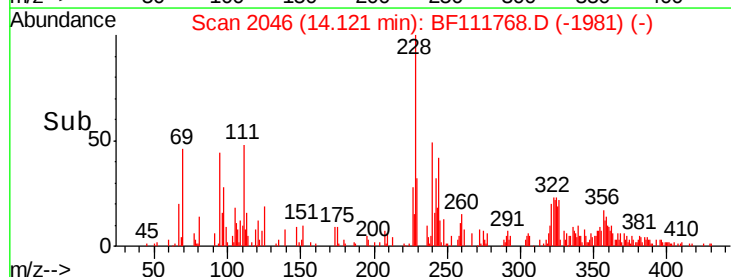
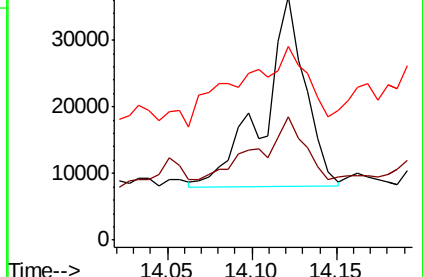
229 79.6 16.3 24.5#

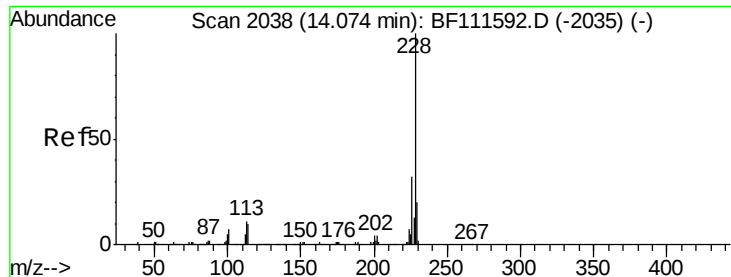


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 4.360 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.05 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-1824-01

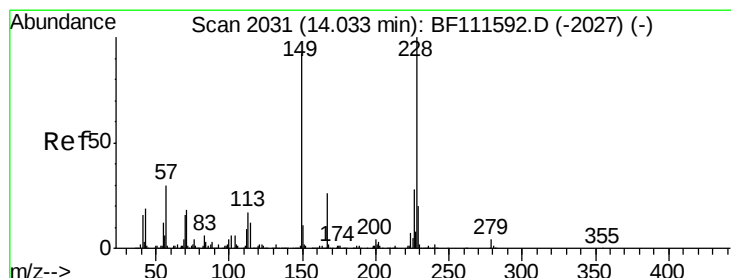
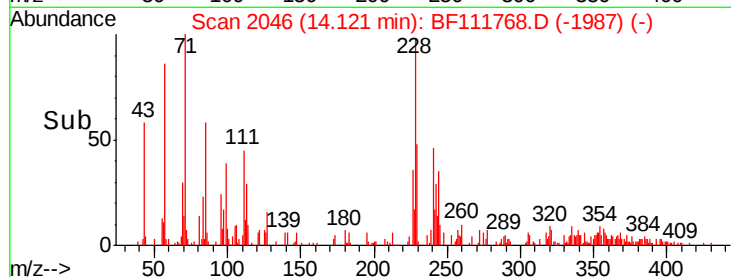
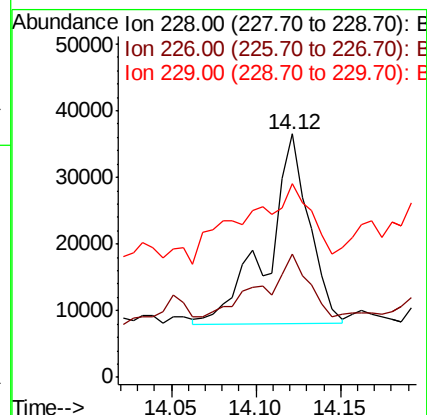
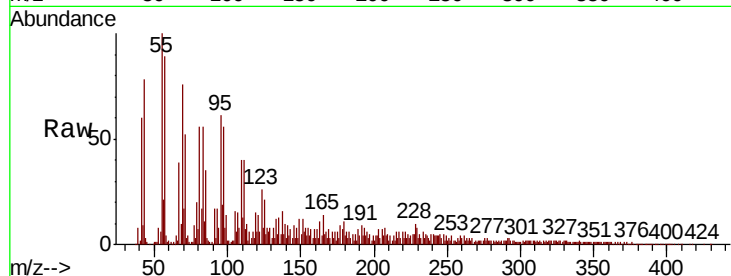
Tgt Ion:228 Resp: 48728

Ion Ratio Lower Upper

228 100

226 50.6 25.3 37.9#

229 79.6 17.2 25.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.698 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.04 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

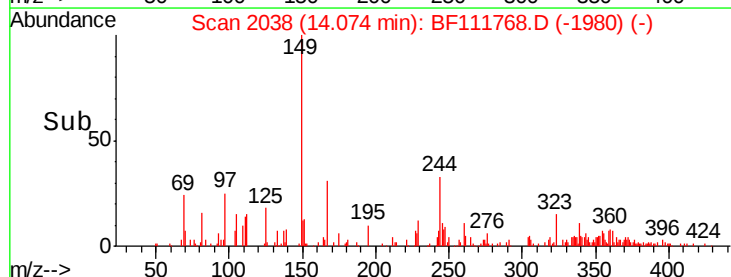
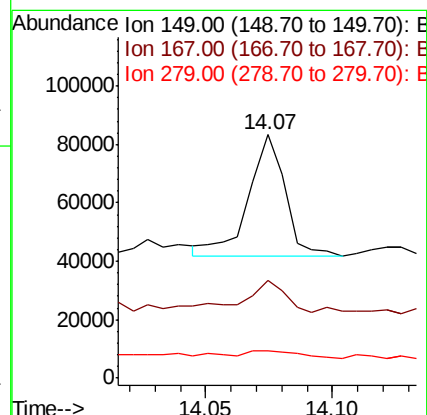
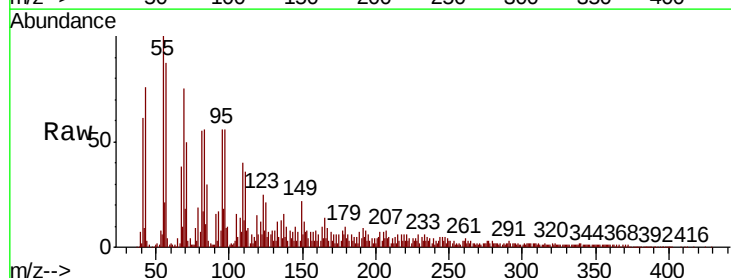
Tgt Ion:149 Resp: 41165

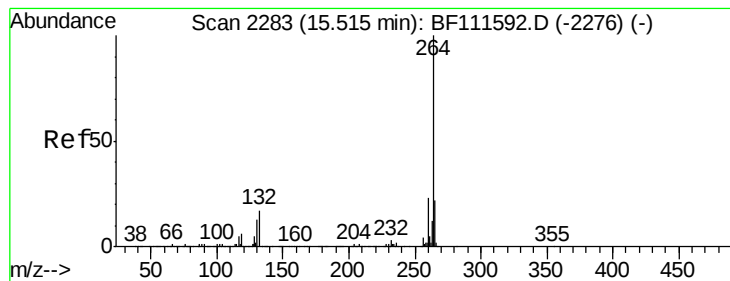
Ion Ratio Lower Upper

149 100

167 40.0 22.5 33.7#

279 11.4 2.6 4.0#





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. 0.11 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-1824-01

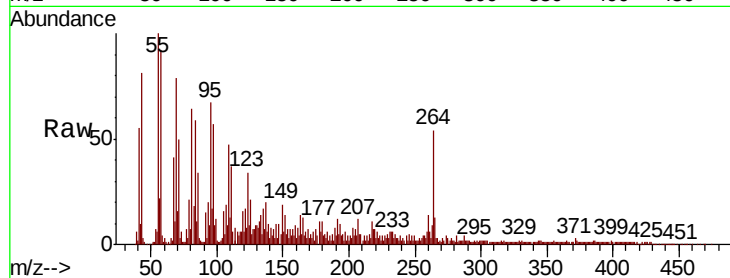
Tgt Ion:264 Resp: 168343

Ion Ratio Lower Upper

264 100

260 26.2 18.3 27.5

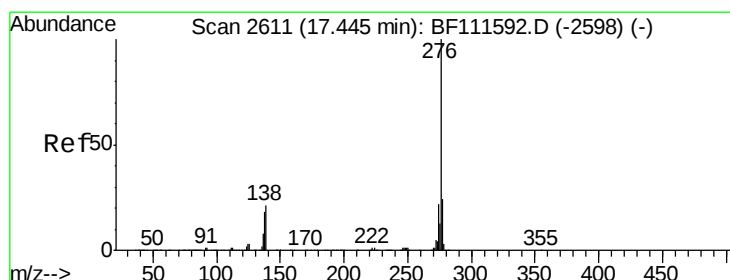
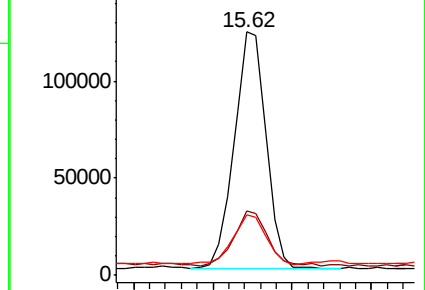
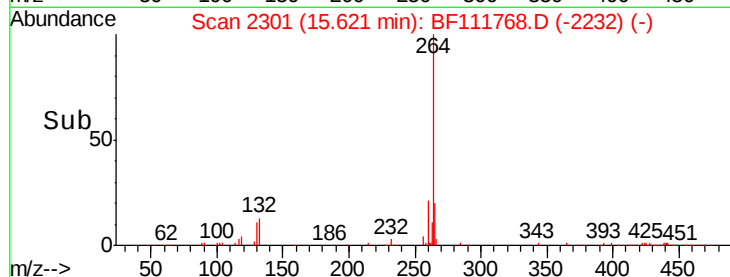
265 24.7 17.7 26.5



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



#92

Benzo(g,h,i)perylene

Concen: 2.833 ng

RT: 17.60 min Scan# 2638

Delta R.T. 0.16 min

Lab File: BF111768.D

Acq: 27 Dec 2018 17:51

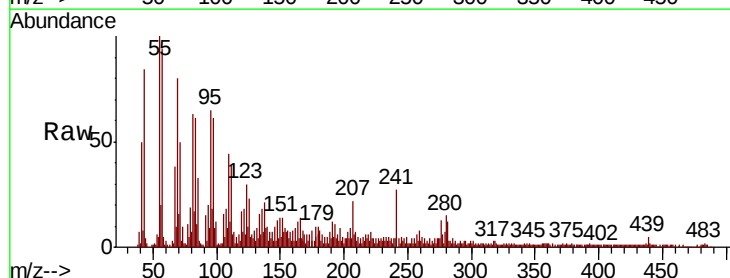
Tgt Ion:276 Resp: 21654

Ion Ratio Lower Upper

276 100

277 44.5 19.2 28.8#

138 69.1 24.9 37.3#



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

