

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111750.D
 Acq On : 27 Dec 2018 8:33
 Operator : JU/SJ
 Sample : J6492-01DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 11:04:31 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	6.90	152	110693	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	373366	20.00	ng	0.02
39) Acenaphthene-d10	9.94	164	189539	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	379499	20.00	ng	0.01
76) Chrysene-d12	14.06	240	278568	20.00	ng	0.01
87) Perylene-d12	15.55	264	221358	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	56629	8.72	ng	0.02
7) Phenol-d6	6.54	99	44388	5.37	ng	0.02
23) Nitrobenzene-d5	7.46	82	96949	15.11	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	43102	19.25	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	190578	14.66	ng	0.00
79) Terphenyl-d14	13.00	244	179131	12.19	ng	0.00

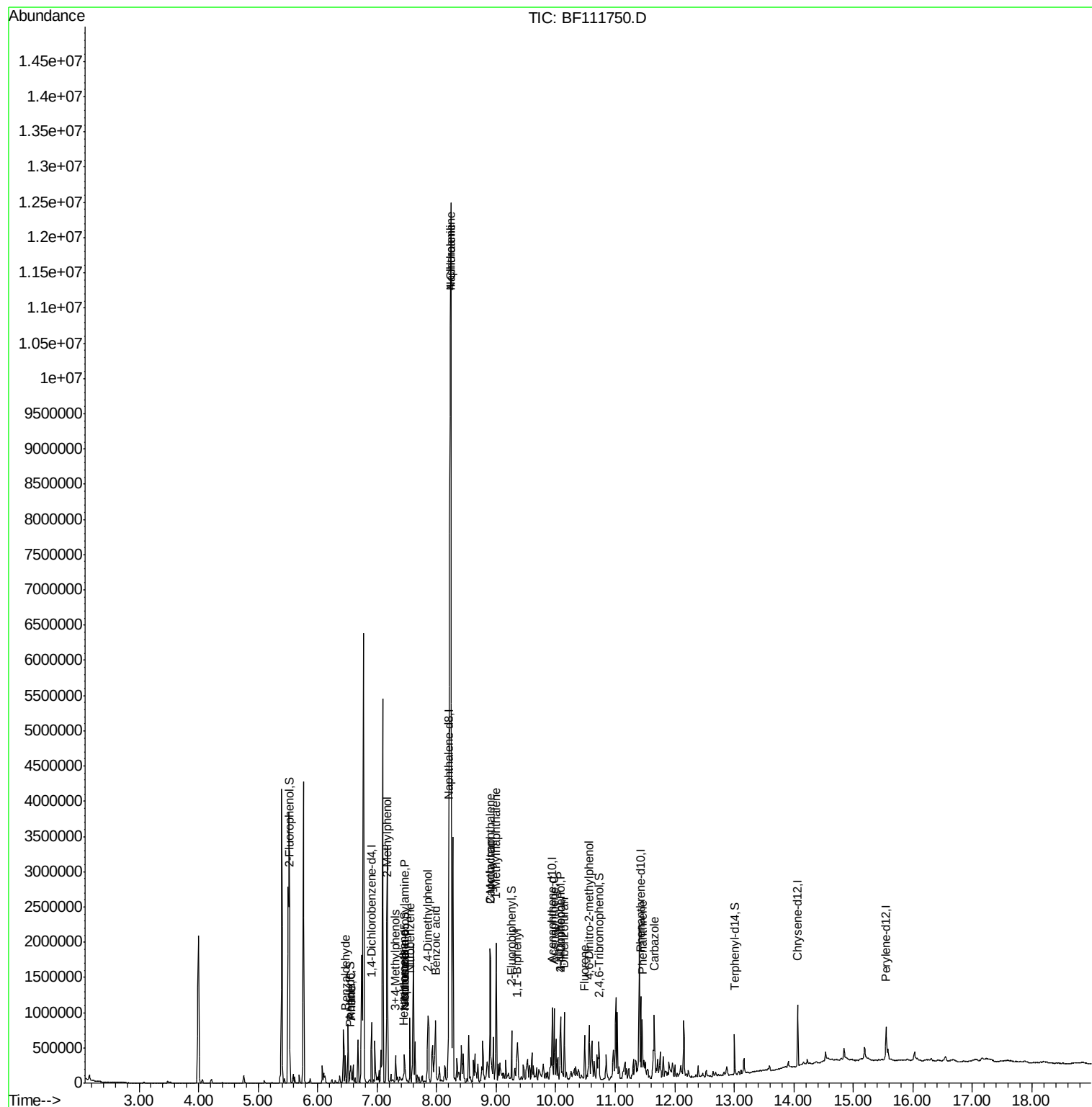
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.56	93	34728	3.296	ng	# 55
9) Benzaldehyde	6.46	77	15378	2.705	ng	# 1
10) Phenol	6.56	94	47764	5.122	ng	# 70
17) 2-Methylphenol	7.16	107	39269	6.817	ng	# 94
18) Hexachloroethane	7.44	117	8522	2.991	ng	# 1
19) n-Nitroso-di-n-propylamine	7.46	70	12951	2.360	ng	# 76
20) 3+4-Methylphenols	7.31	107	74747	10.270	ng	# 65
24) Nitrobenzene	7.55	77	40526	6.028	ng	# 43
25) Isophorone	7.46	82	91318	8.019	ng	# 64
27) 2,4-Dimethylphenol	7.85	122	239341	44.530	ng	# 93
31) Naphthalene	8.24	128	9915619	552.720	ng	# 92
32) Benzoic acid	7.98	122	164037	46.159	ng	# 17
33) 4-Chloroaniline	8.24	127	1618311	208.708	ng	# 35
35) Caprolactam	8.90	113	11179	5.707	ng	# 1
37) 2-Methylnaphthalene	8.90	142	458277	39.264	ng	# 97
38) 1-Methylnaphthalene	9.00	142	470521	41.975	ng	# 99
46) 1,1'-Biphenyl	9.36	154	130895	8.181	ng	# 94
52) Acenaphthene	9.97	154	187835	16.455	ng	# 98
54) 2,4-Dinitrophenol	10.09	184	1144	8.479	ng	# 1
55) Dibenzofuran	10.15	168	255519	14.816	ng	# 92
56) 4-Nitrophenol	10.07	139	7232	3.215	ng	# 58
58) Fluorene	10.49	166	147218	11.846	ng	# 99
65) 4,6-Dinitro-2-methylphenol	10.56	198	271	6.842	ng	# 1
71) Phenanthrene	11.45	178	237453	11.798	ng	# 93
73) Carbazole	11.66	167	208007	10.606	ng	# 95

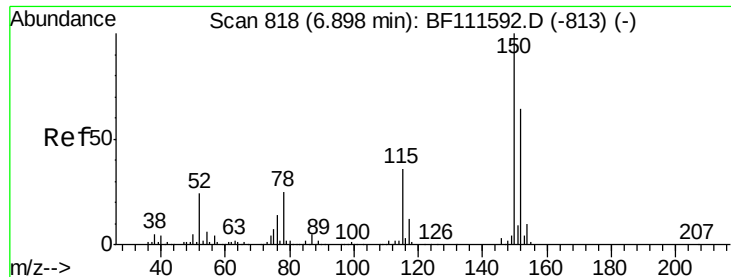
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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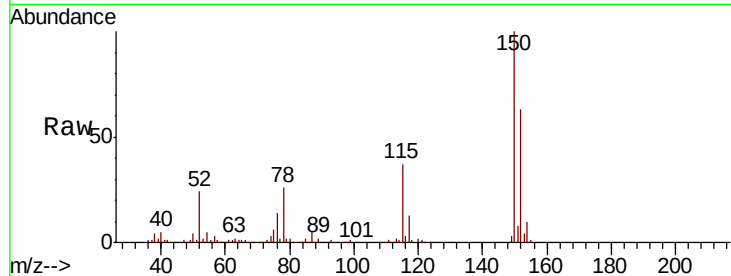


#1

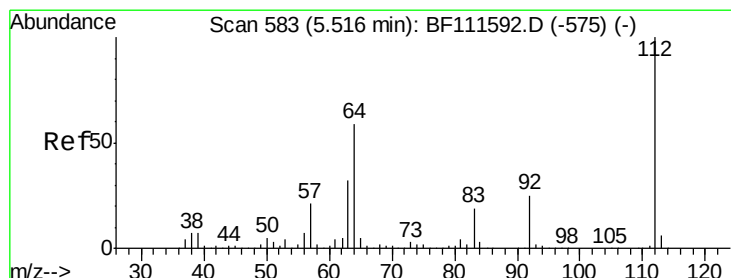
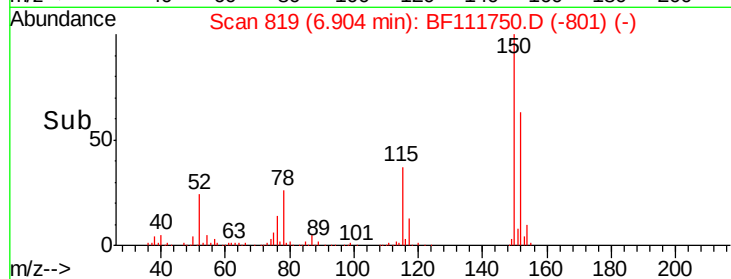
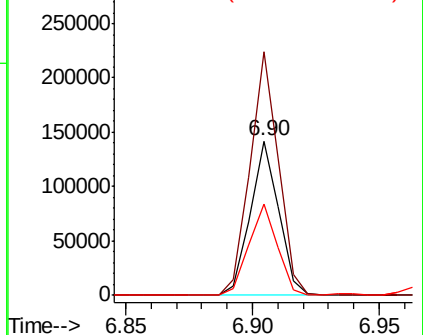
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 110693
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 58.9 50.7 76.1



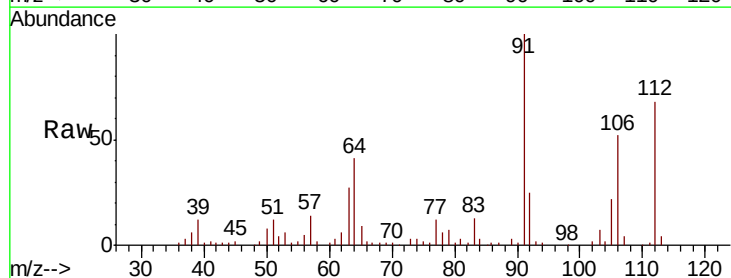
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



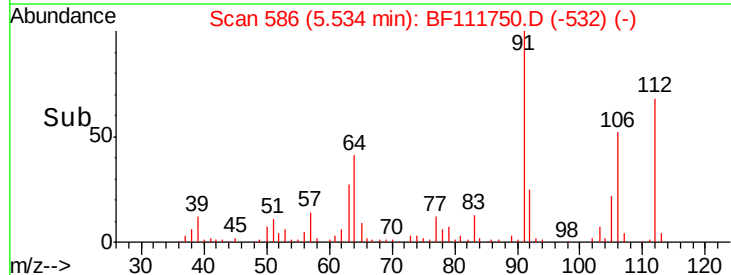
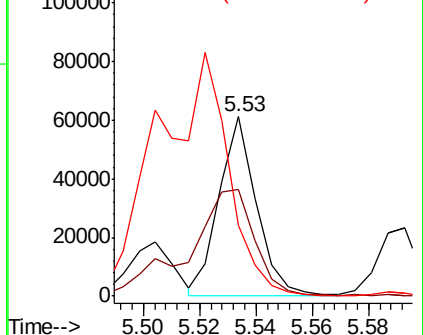
#5

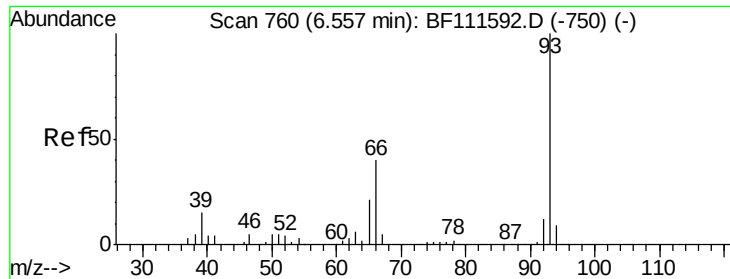
2-Fluorophenol
Concen: 8.720 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:112 Resp: 56629
Ion Ratio Lower Upper
112 100
64 59.8 51.8 77.6
63 39.3 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





#6

Aniline

Concen: 3.296 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111750.D

Acq: 27 Dec 2018 8:33

Instrument :

BNA_F

ClientSampled :

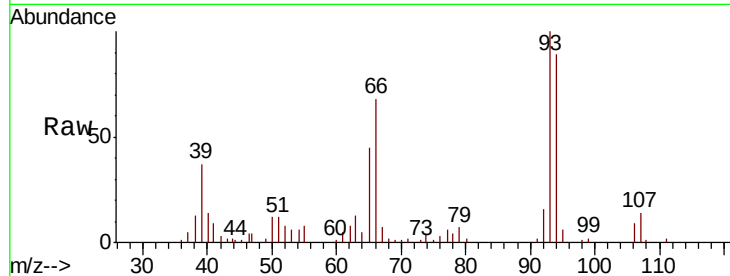
Tot Ion: 93 Resp: 34728

Ion Ratio Lower Upper

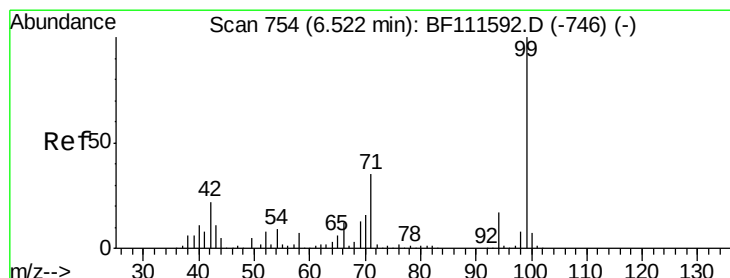
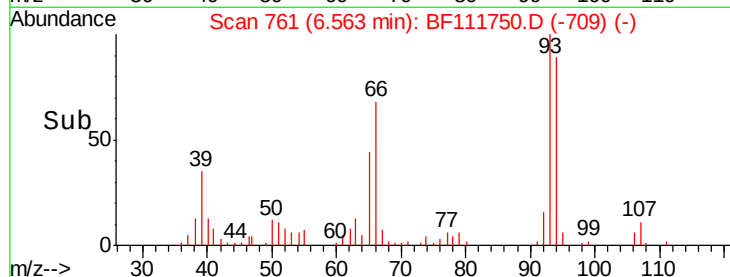
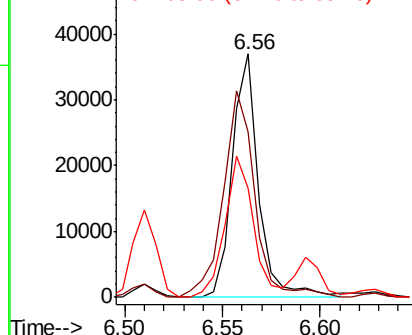
93 100

66 68.1 33.2 49.8#

65 44.9 17.0 25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 5.371 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111750.D

Acq: 27 Dec 2018 8:33

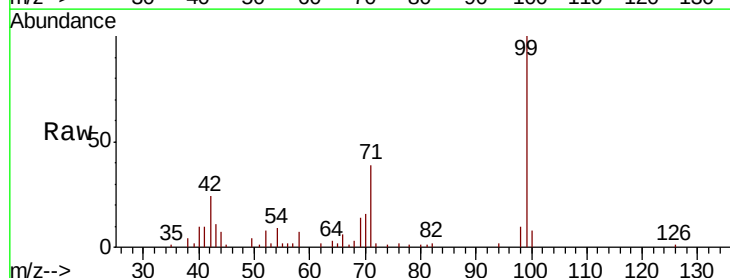
Tgt Ion: 99 Resp: 44388

Ion Ratio Lower Upper

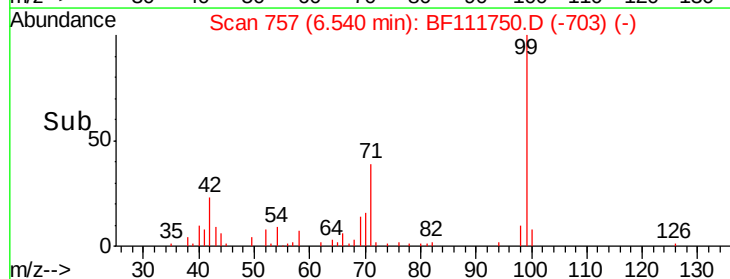
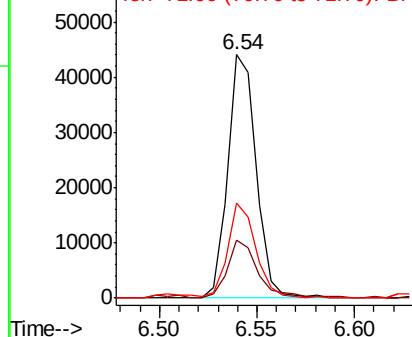
99 100

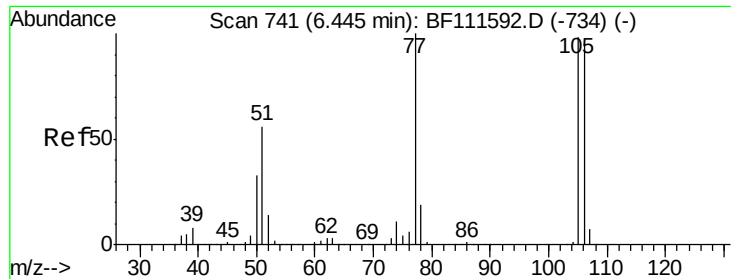
42 23.6 17.4 26.0

71 39.1 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

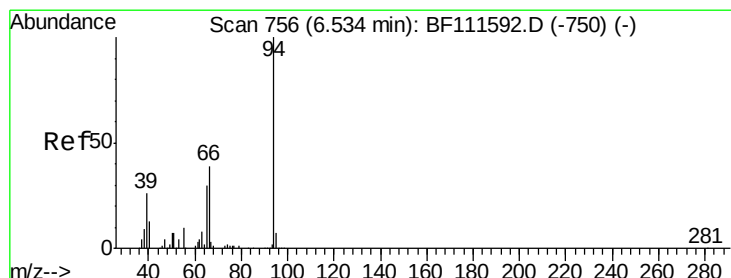
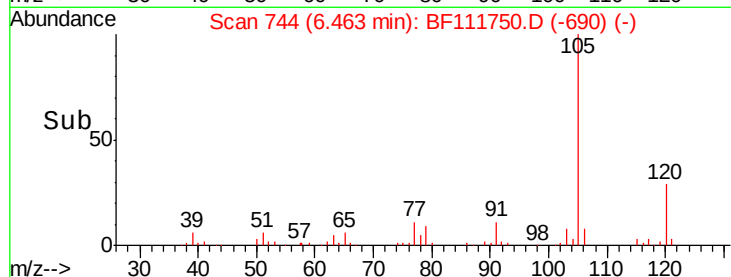
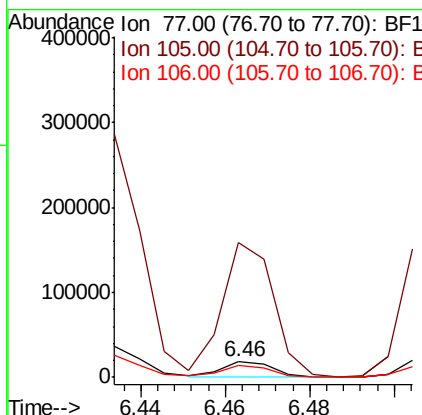
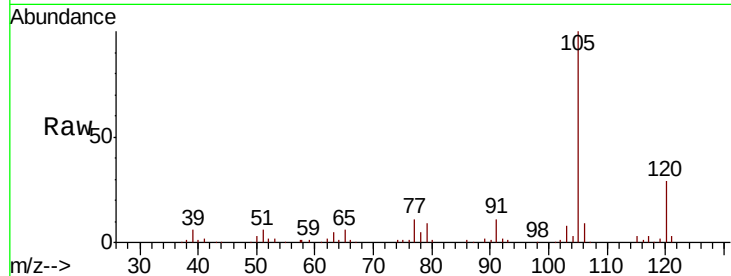




#9
Benzaldehyde
Concen: 2.705 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.02 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

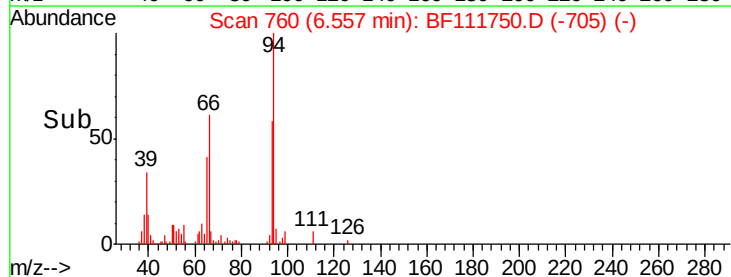
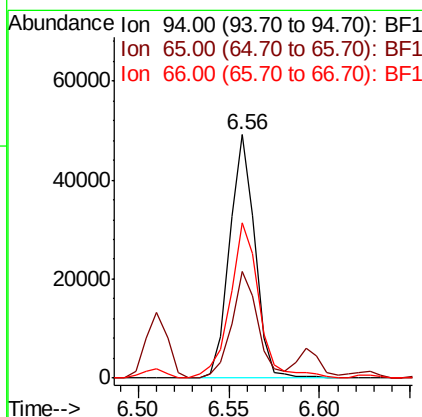
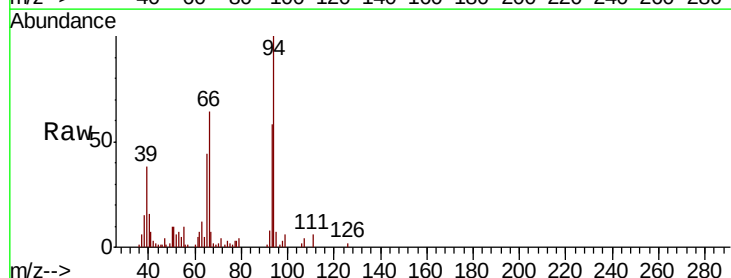
Instrument :
BNA_F
ClientSampleId :

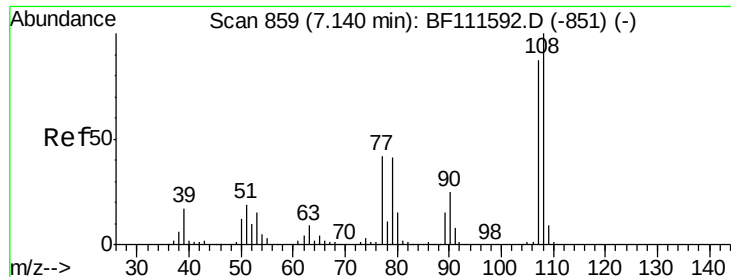
Tot Ion: 77 Resp: 15378
Ion Ratio Lower Upper
77 100
105 880.8 81.4 121.4#
106 77.5 77.9 117.9#



#10
Phenol
Concen: 5.122 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion: 94 Resp: 47764
Ion Ratio Lower Upper
94 100
65 43.6 11.7 51.7
66 63.9 21.0 61.0#

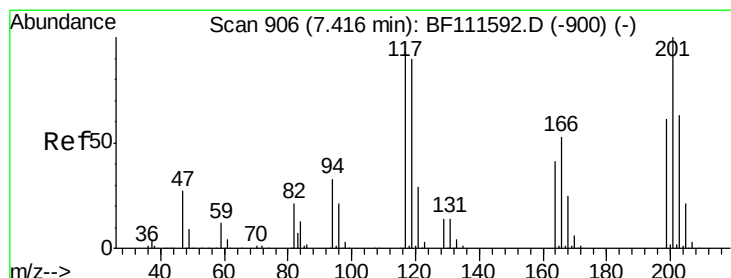
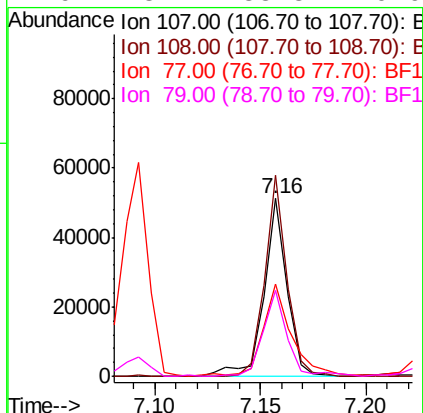
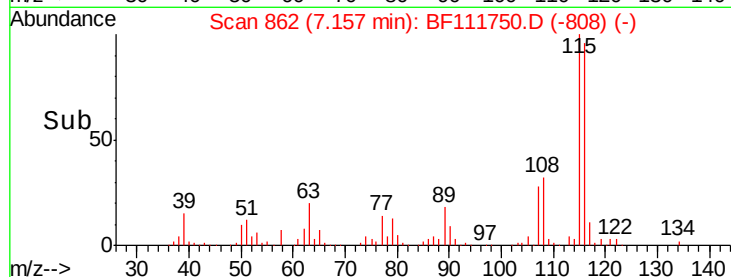
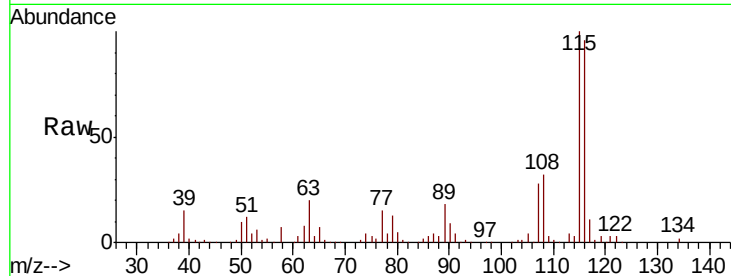




#17
2-Methylphenol
Concen: 6.817 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

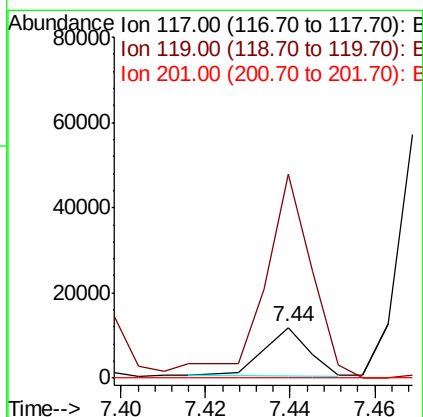
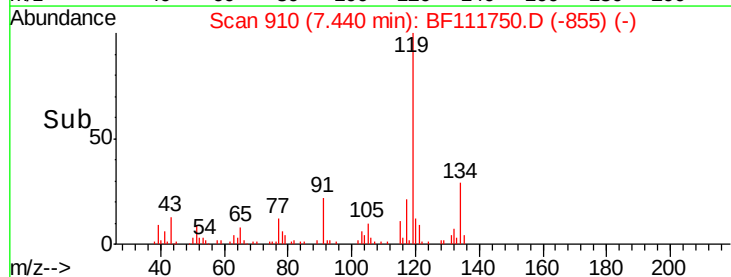
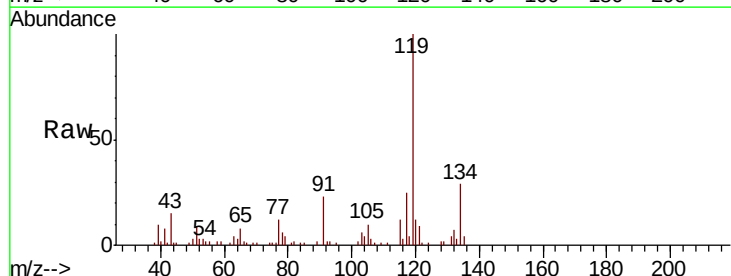
Instrument :
BNA_F
ClientSampled :

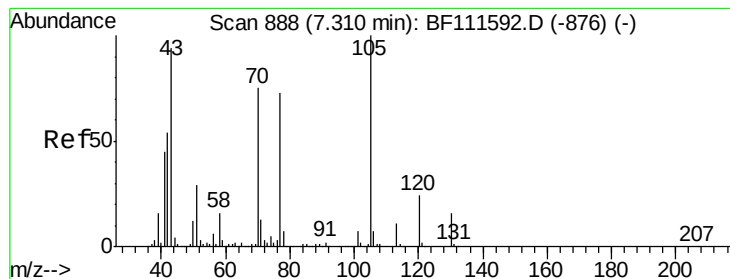
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.0	136.4
77	52.0	33.5	50.3#
79	48.2	33.3	49.9



#18
Hexachloroethane
Concen: 2.991 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.02 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	404.2	75.4	113.0#
201	0.0	62.4	93.6#





#19

n-Nitroso-di-n-propylamine

Concen: 2.360 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF111750.D

Acq: 27 Dec 2018 8:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 12951

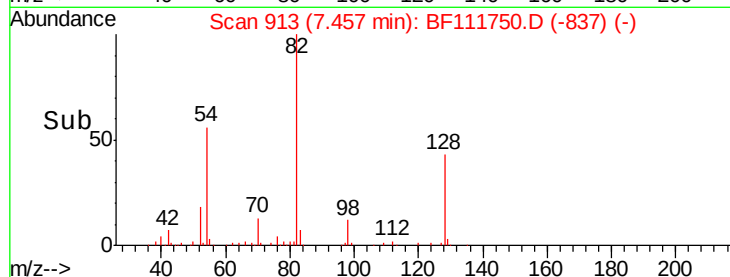
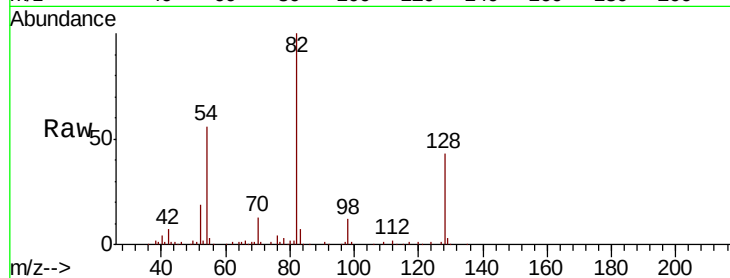
Ion Ratio Lower Upper

70 100

42 52.4 53.2 79.8#

101 0.0 8.2 12.4#

130 2.9 18.1 27.1#



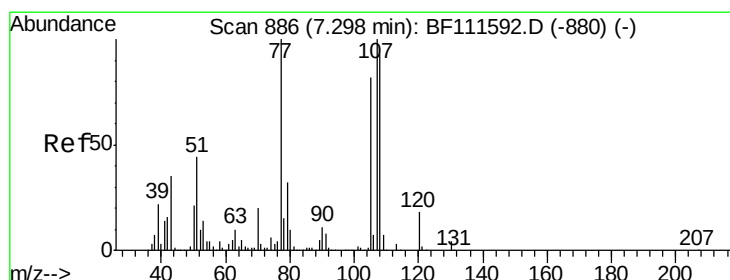
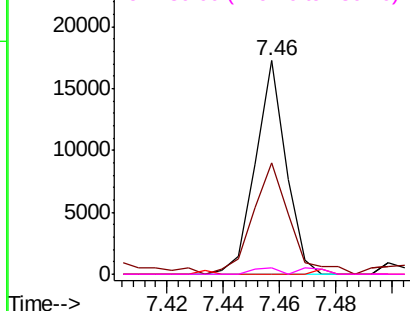
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 10.270 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111750.D

Acq: 27 Dec 2018 8:33

Tgt Ion:107 Resp: 74747

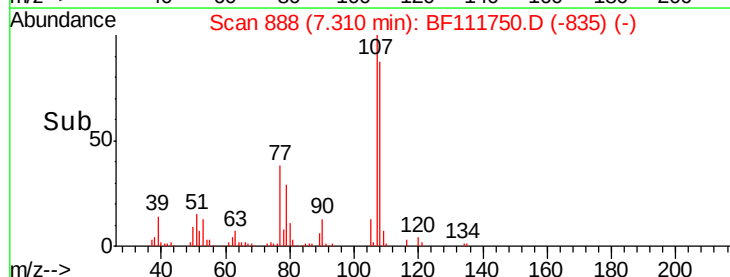
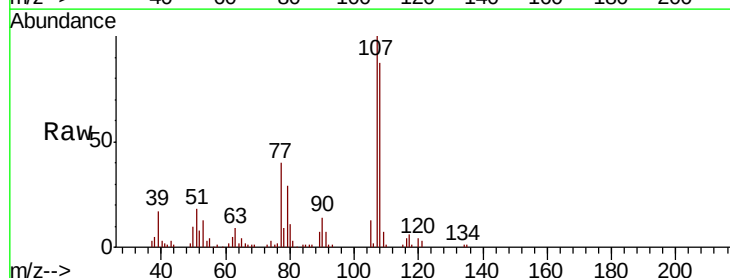
Ion Ratio Lower Upper

107 100

108 86.7 72.1 112.1

77 40.2 94.1 134.1#

79 29.2 9.8 49.8



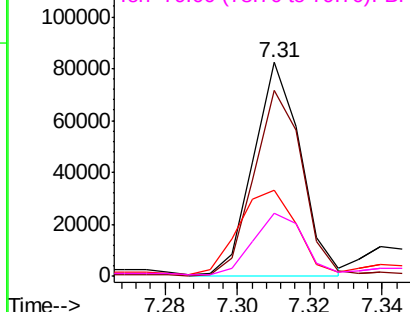
Abundance

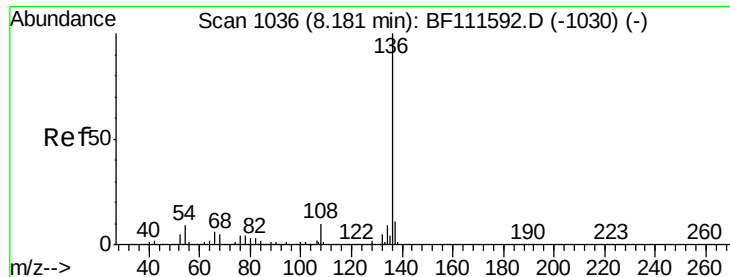
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

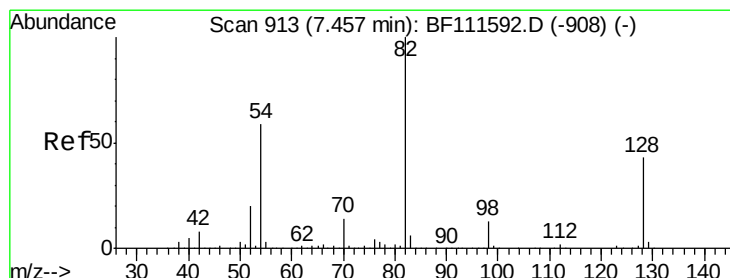
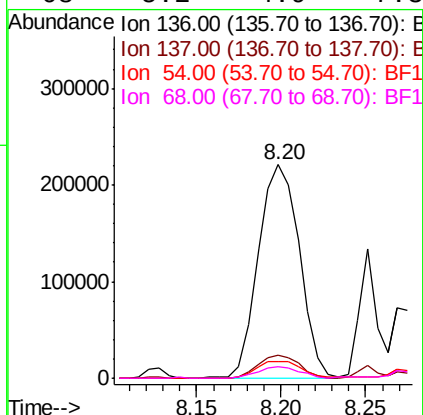
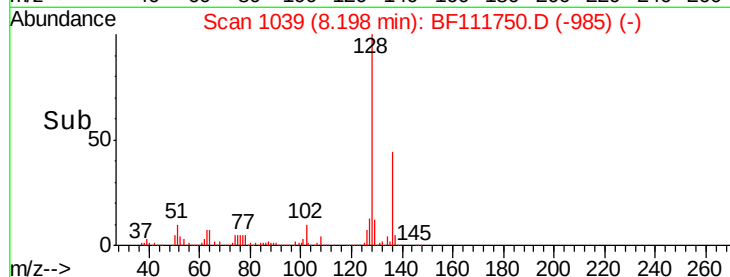
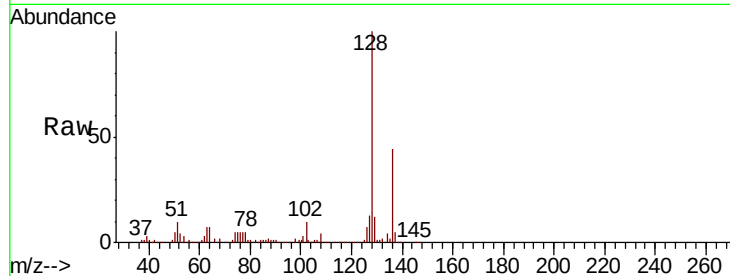




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.02 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

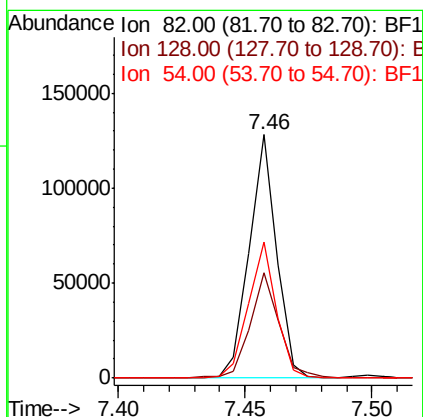
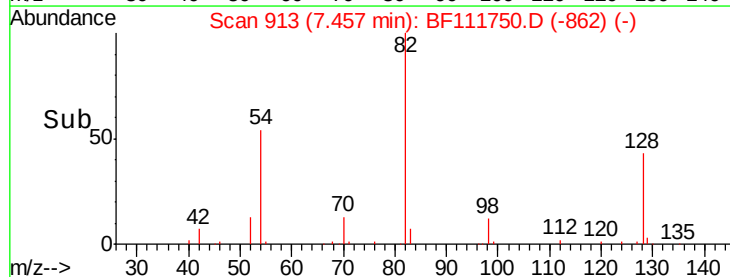
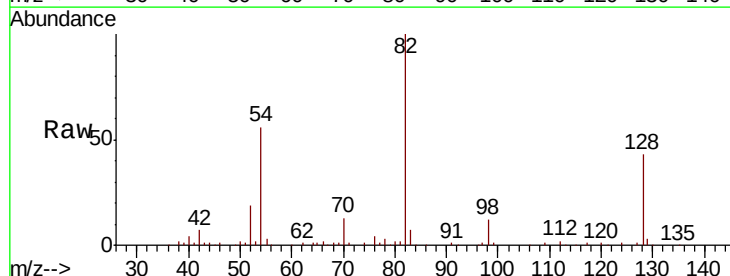
Instrument :
BNA_F
ClientSampleId :

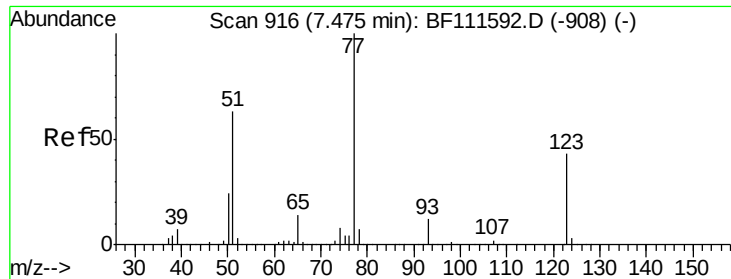
Tot Ion:136	Resp:	373366
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	7.8	7.7 11.5
68	5.2	4.9 7.3



#23
Nitrobenzene-d5
Concen: 15.114 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion: 82	Resp:	96949
Ion Ratio	Lower	Upper
82	100	
128	43.1	37.4 56.2
54	55.7	47.6 71.4

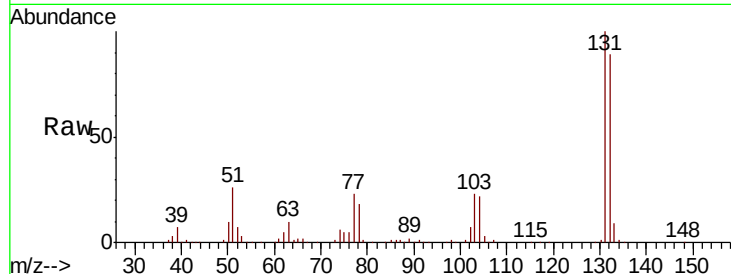




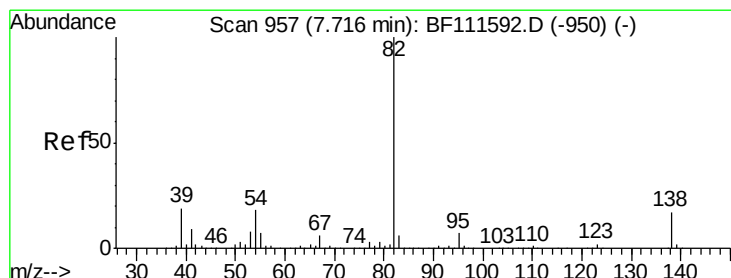
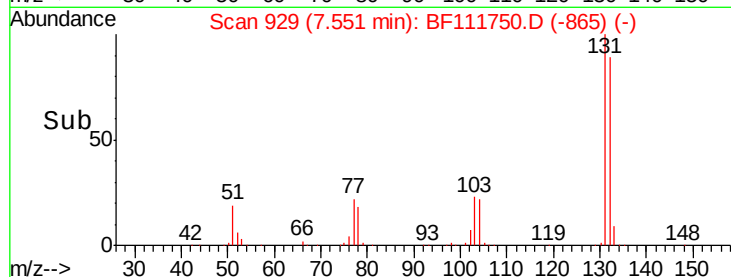
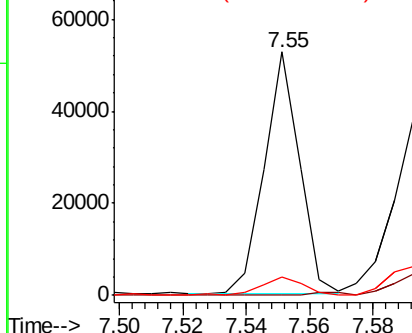
#24
 Nitrobenzene
 Concen: 6.028 ng
 RT: 7.55 min Scan# 929
 Delta R.T. 0.08 min
 Lab File: BF111750.D
 Acq: 27 Dec 2018 8:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.2	55.8#
65	7.4	11.5	17.3#

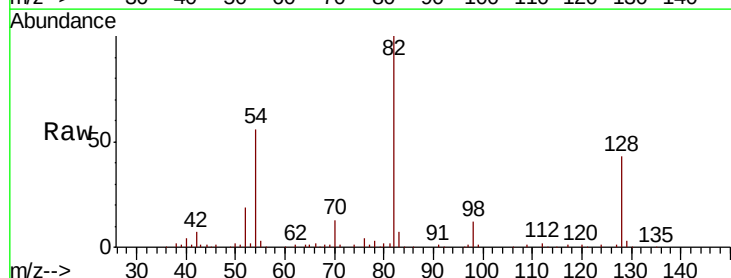


Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

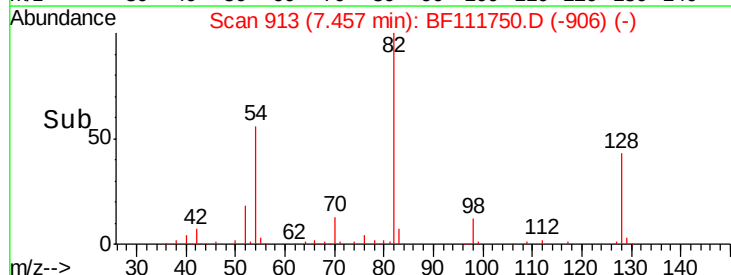
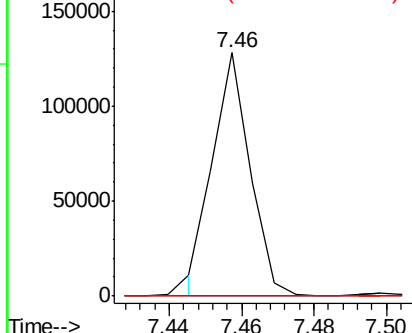


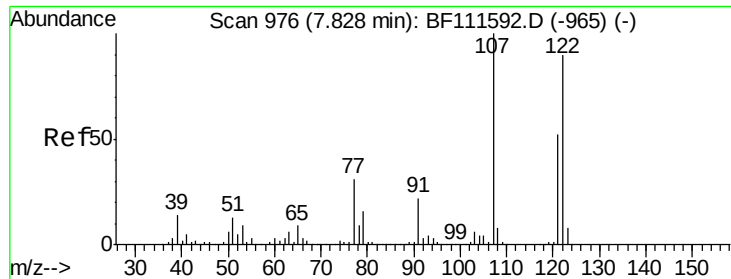
#25
 Isophorone
 Concen: 8.019 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.26 min
 Lab File: BF111750.D
 Acq: 27 Dec 2018 8:33

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

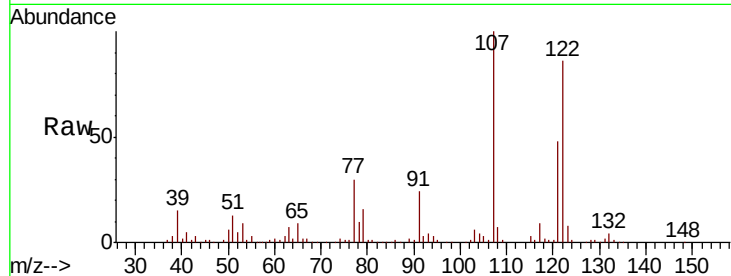




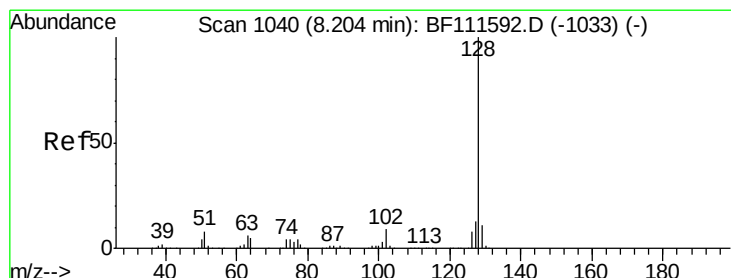
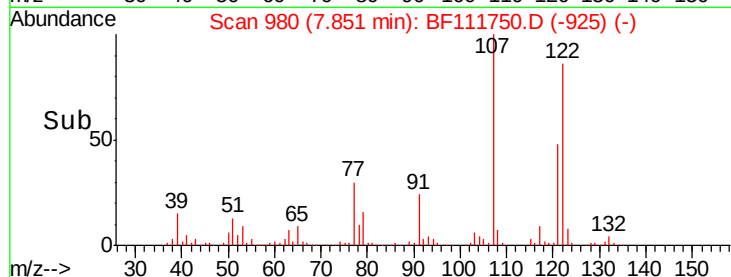
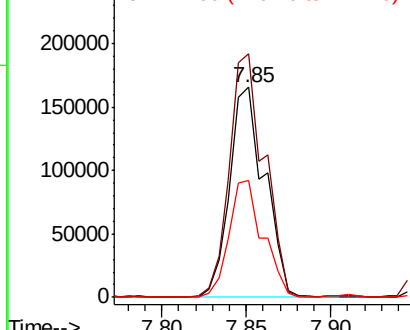
#27
2,4-Dimethylphenol
Concen: 44.530 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.02 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 239341
Ion Ratio Lower Upper
122 100
107 116.1 85.5 128.3
121 55.8 46.6 70.0

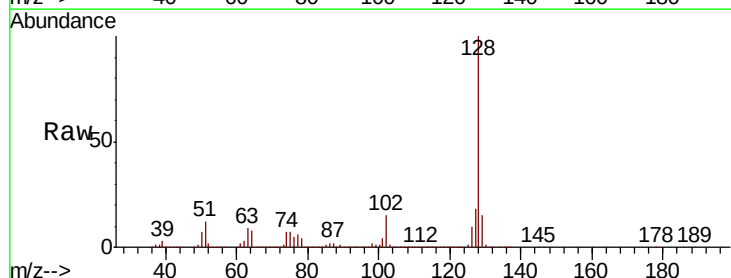


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

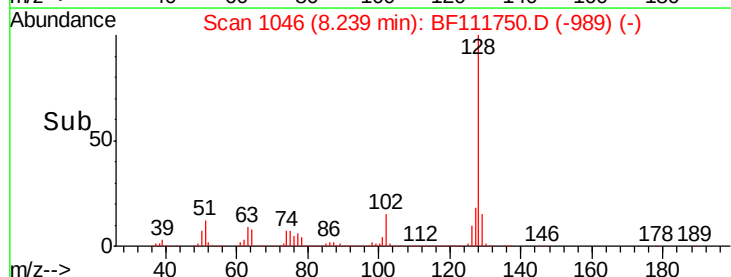
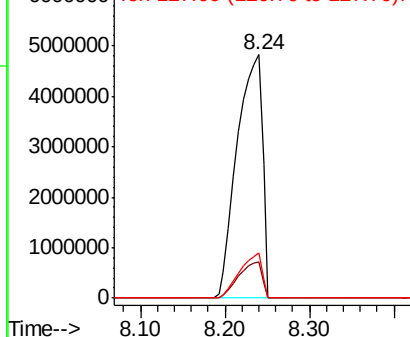


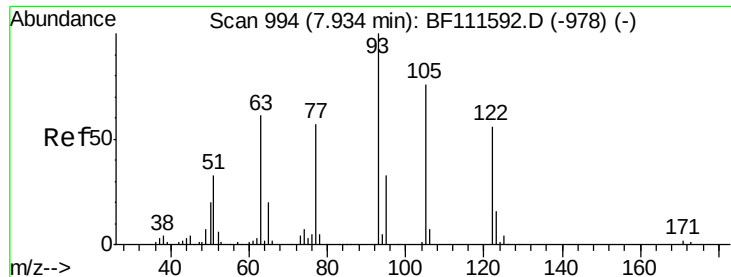
#31
Naphthalene
Concen: 552.720 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.04 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:128 Resp: 9915619
Ion Ratio Lower Upper
128 100
129 15.0 9.8 14.8#
127 18.4 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

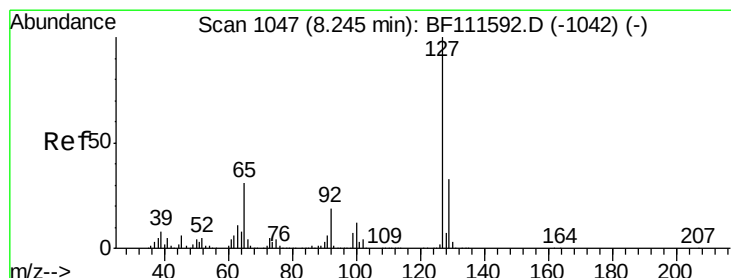
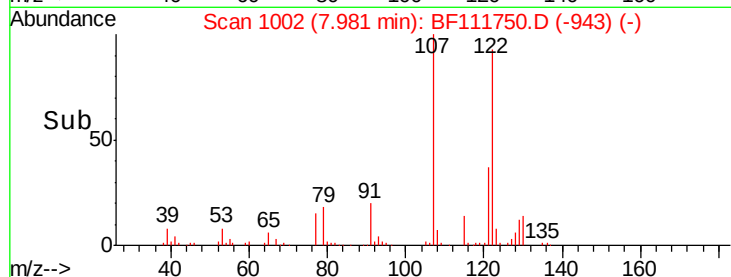
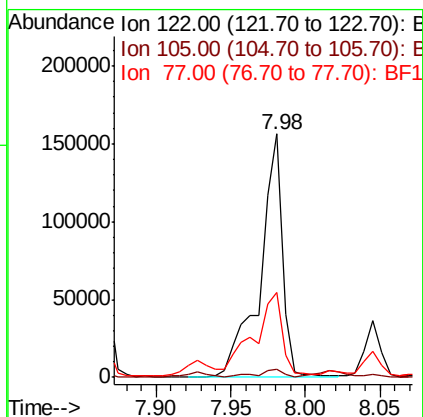
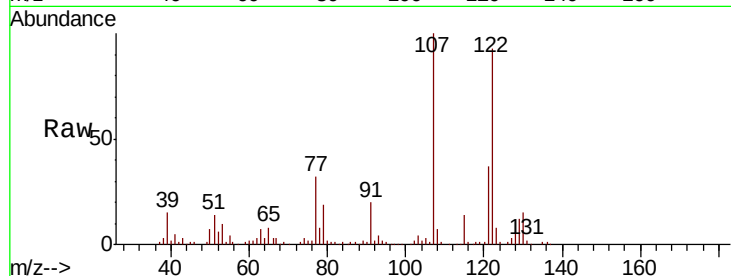




#32
Benzoic acid
Concen: 46.159 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.05 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

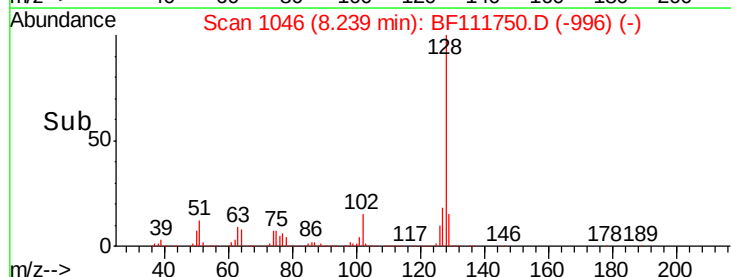
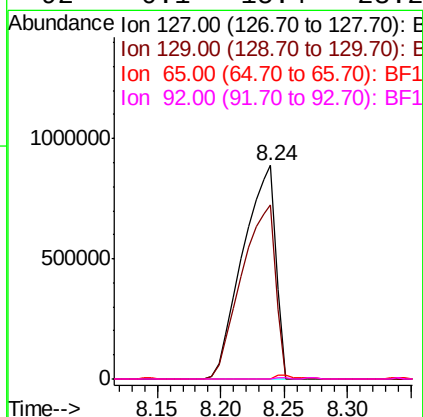
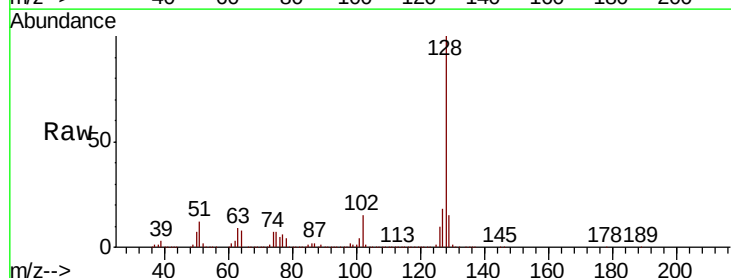
Instrument :
BNA_F
ClientSampleId :

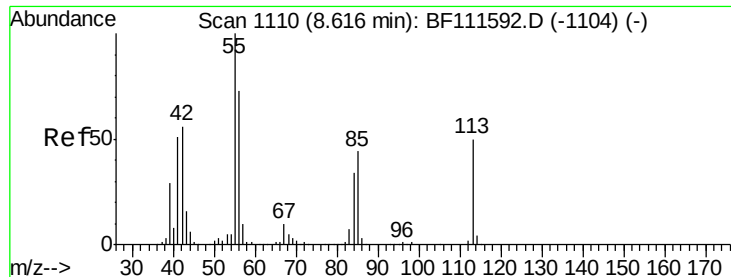
Tot Ion	Ratio	Lower	Upper
122	100		
105	3.5	97.0	137.0#
77	34.6	65.7	105.7#



#33
4-Chloroaniline
Concen: 208.708 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion	Ratio	Lower	Upper
127	100		
129	81.3	26.6	39.8#
65	0.0	25.7	38.5#
92	0.1	15.4	23.2#

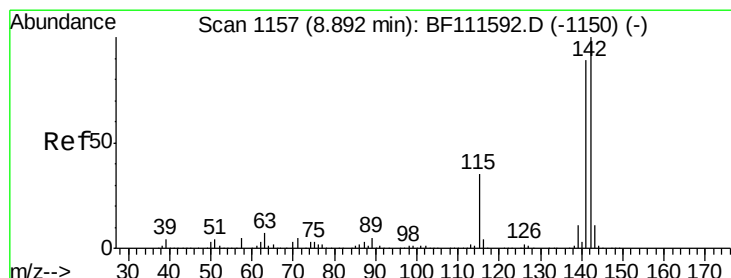
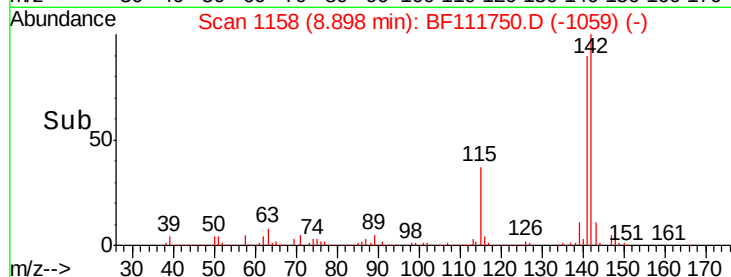
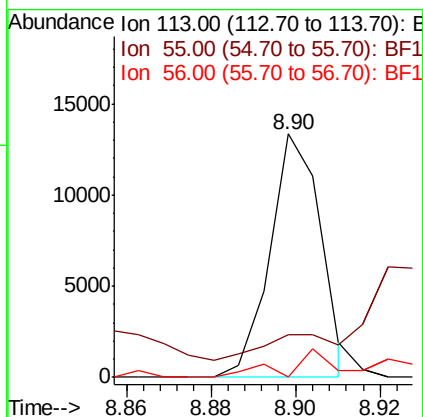
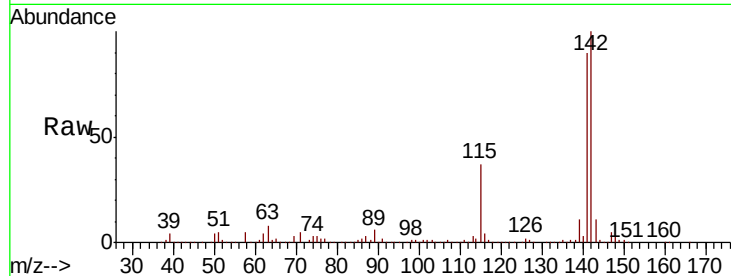




#35
Caprolactam
Concen: 5.707 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.28 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

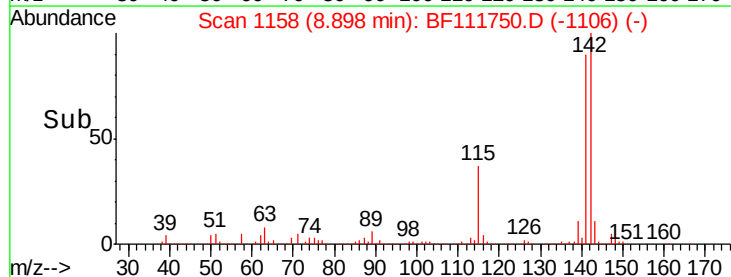
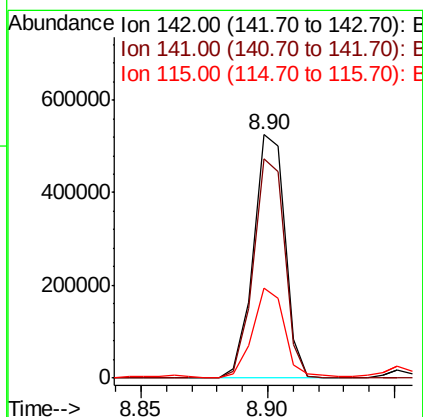
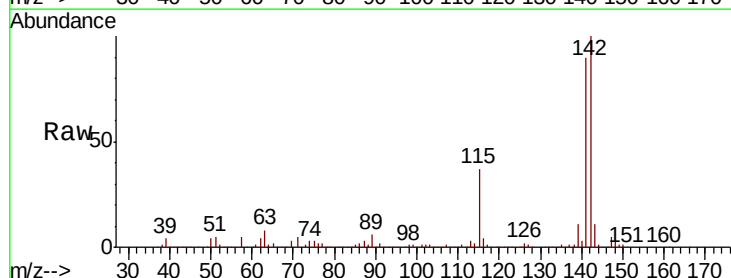
Instrument :
BNA_F
ClientSampleId :

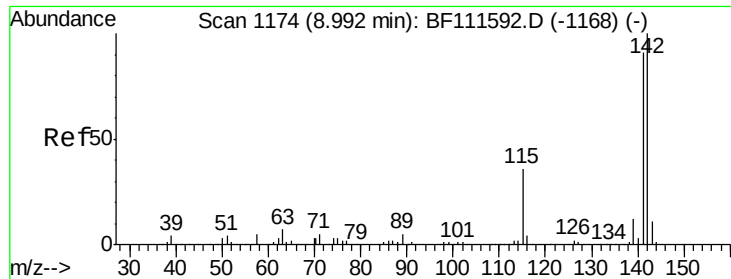
Tot Ion:113 Resp: 11179
Ion Ratio Lower Upper
113 100
55 17.8 184.1 224.1#
56 0.0 126.0 166.0#



#37
2-Methylnaphthalene
Concen: 39.264 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:142 Resp: 458277
Ion Ratio Lower Upper
142 100
141 90.1 70.6 105.8
115 37.2 27.0 40.6

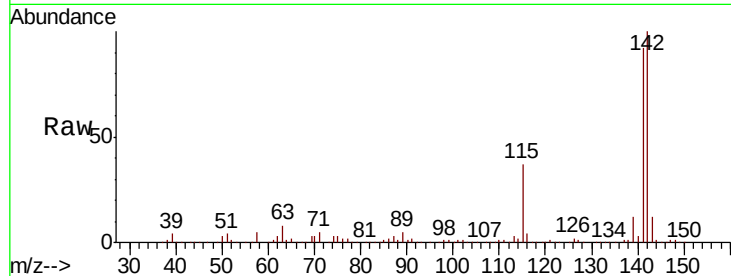




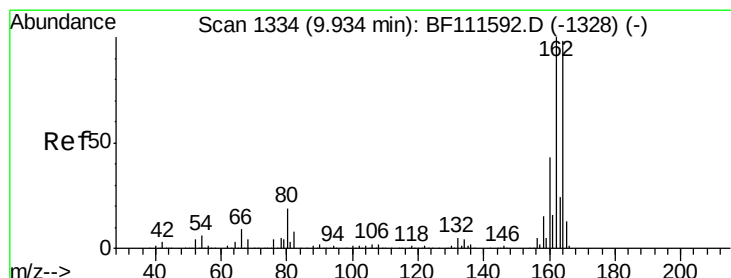
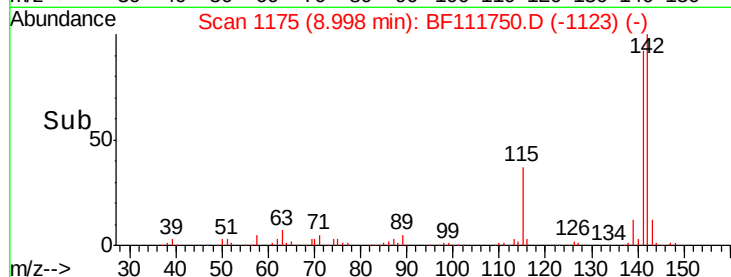
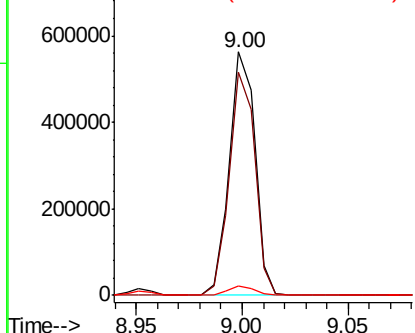
#38
1-Methylnaphthalene
Concen: 41.975 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 470521
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4
116 3.8 2.9 4.3

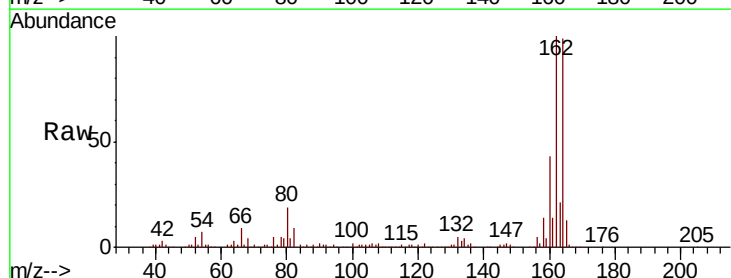


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

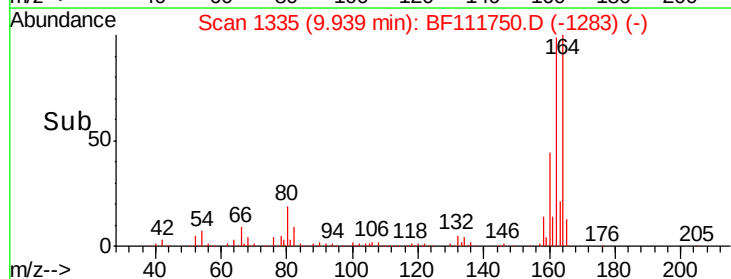
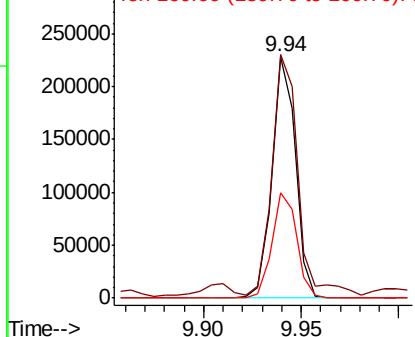


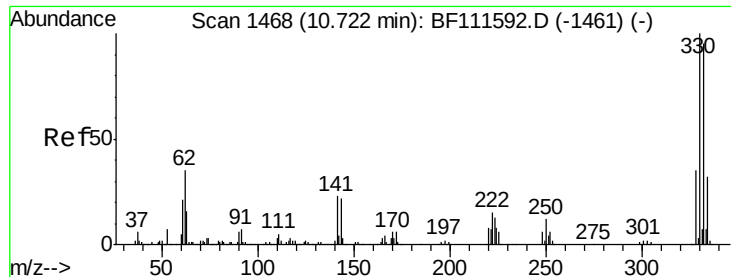
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:164 Resp: 189539
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.7 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





#42

2,4,6-Tribromophenol

Concen: 19.246 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111750.D

Acq: 27 Dec 2018 8:33

Instrument :

BNA_F

ClientSampleId :

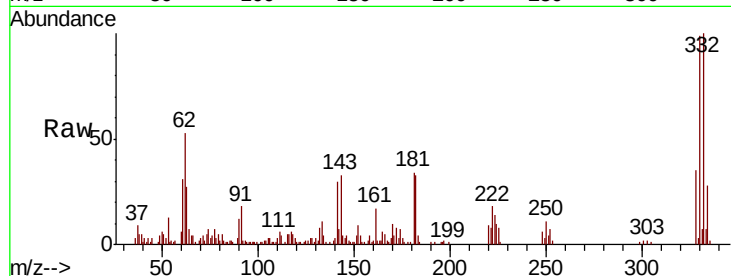
Tot Ion:330 Resp: 43102

Ion Ratio Lower Upper

330 100

332 100.4 76.0 114.0

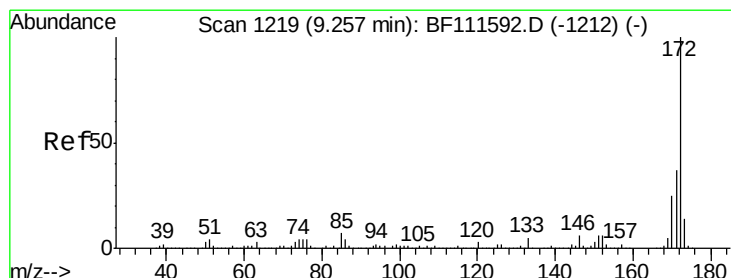
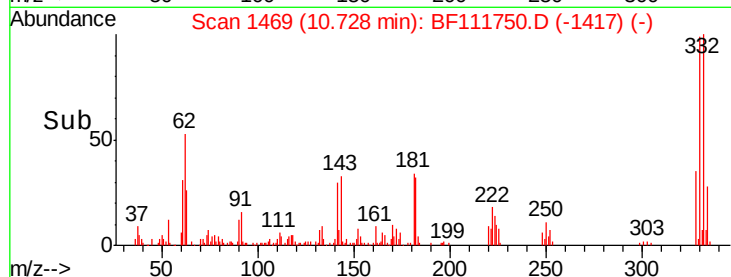
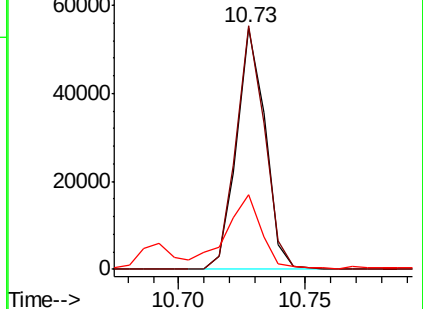
141 39.1 31.0 46.6



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: 14.656 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF111750.D

Acq: 27 Dec 2018 8:33

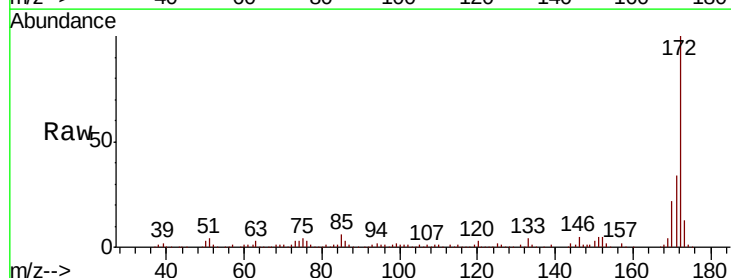
Tgt Ion:172 Resp: 190578

Ion Ratio Lower Upper

172 100

171 33.7 33.0 49.4

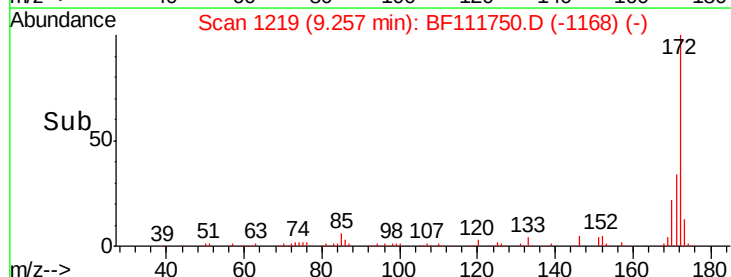
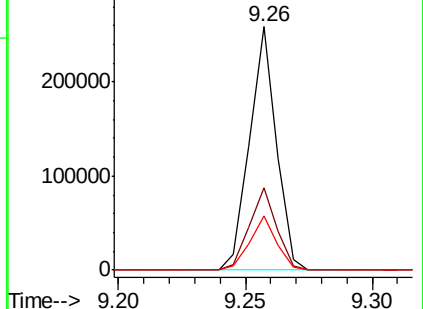
170 22.2 22.3 33.5#

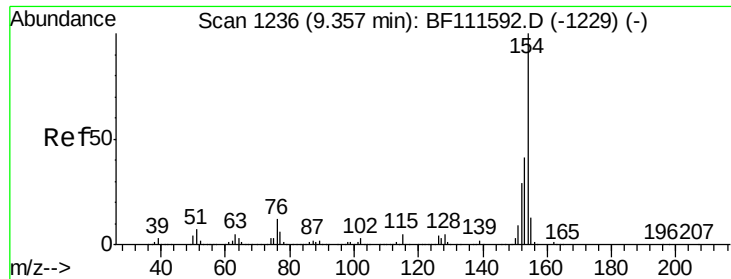


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

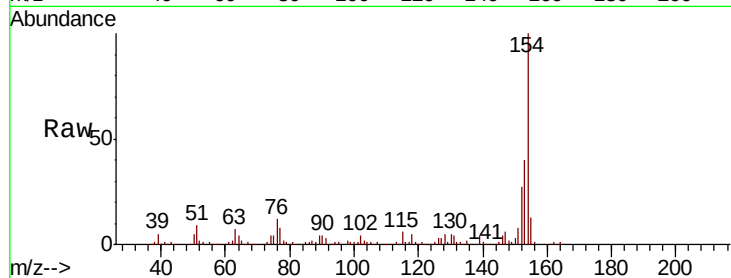




#46
1,1'-Biphenyl
Concen: 8.181 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.5	23.7	63.7
76	12.5	0.0	35.0

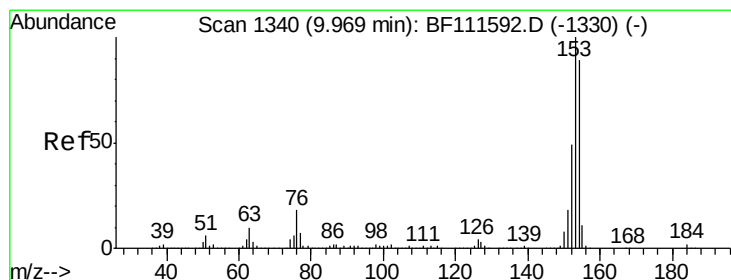
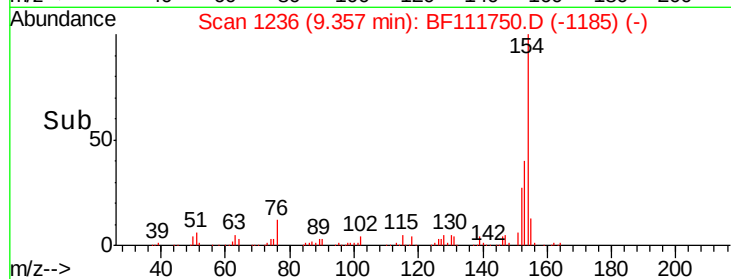
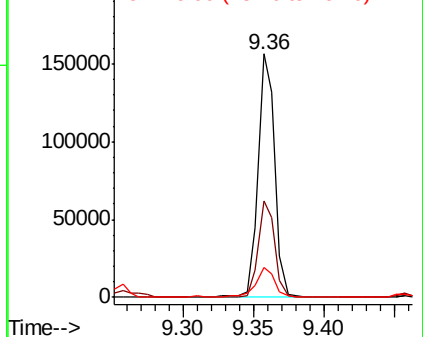


Abundance

Ion 154.00 (153.70 to 154.70): E

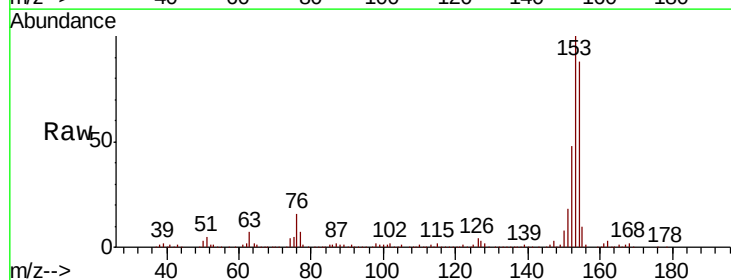
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#52
Acenaphthene
Concen: 16.455 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	87.8	131.8
152	54.3	43.4	65.2

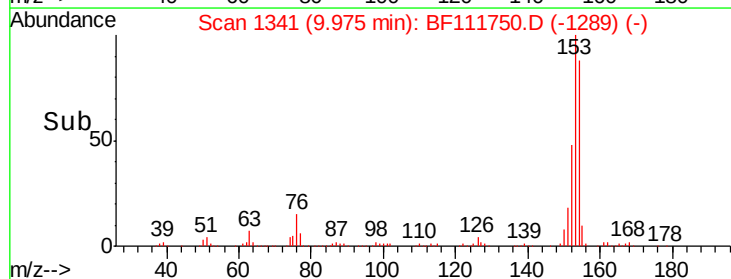
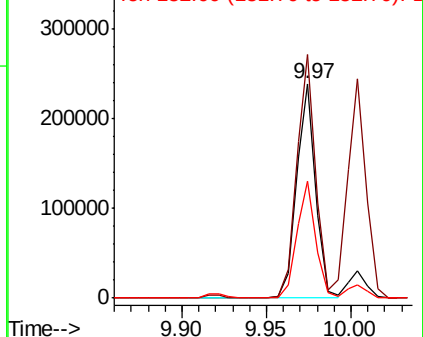


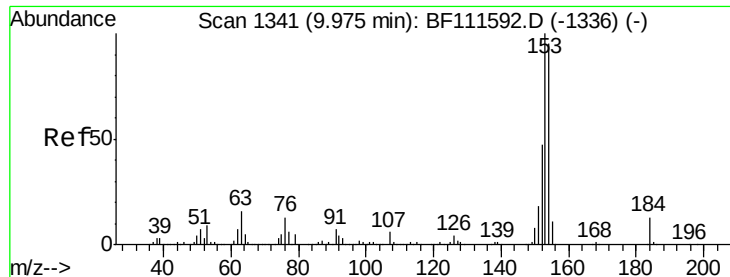
Abundance

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

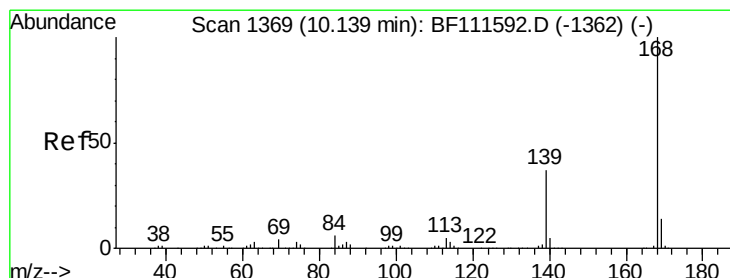
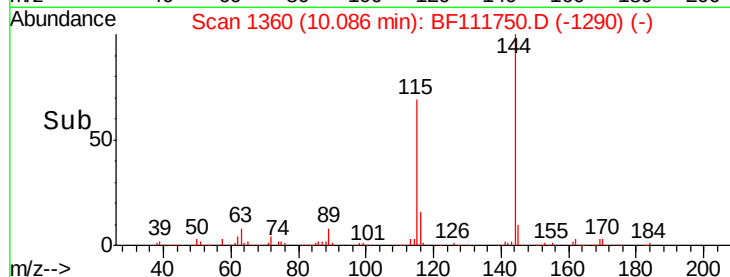
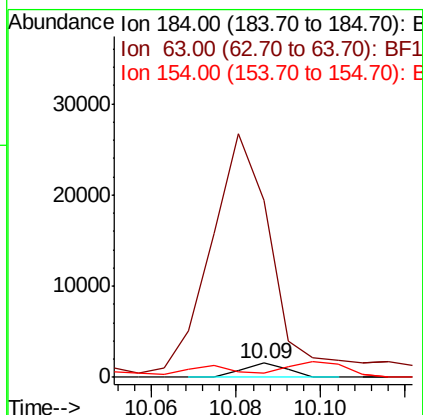
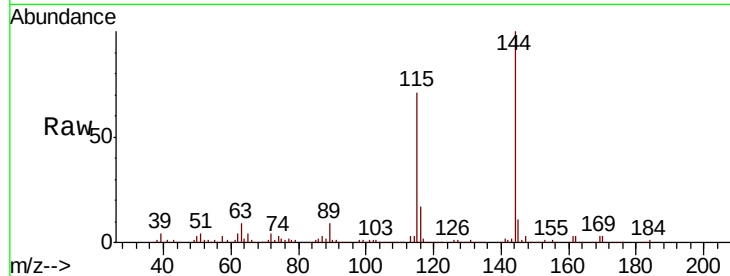




#54
2,4-Dinitrophenol
Concen: 8.479 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.11 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

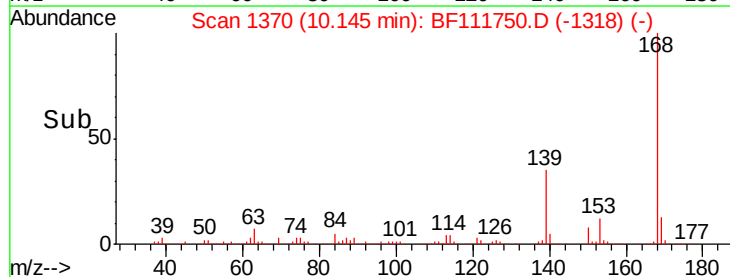
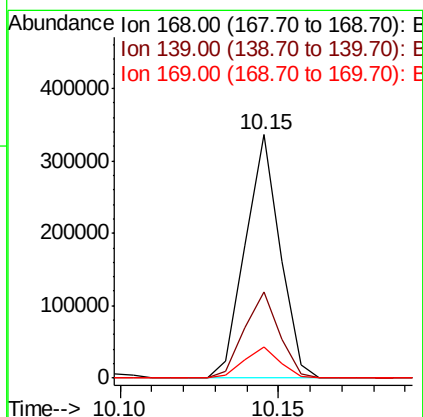
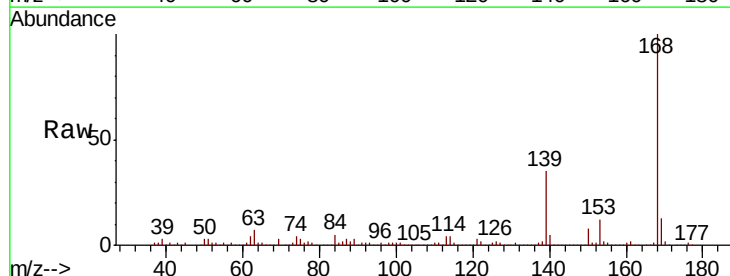
Instrument :
BNA_F
ClientSampleId :

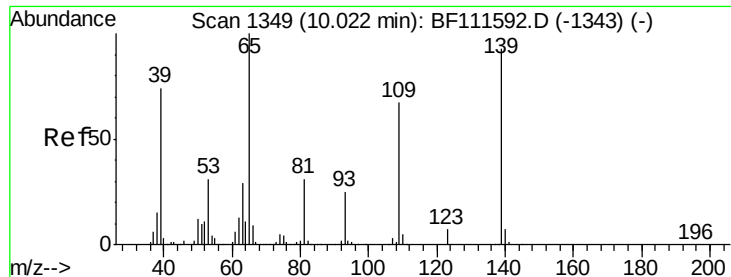
Tot Ion:184 Resp: 1144
Ion Ratio Lower Upper
184 100
63 1237.6 62.3 93.5#
154 26.6 56.2 84.2#



#55
Dibenzofuran
Concen: 14.816 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:168 Resp: 255519
Ion Ratio Lower Upper
168 100
139 35.2 32.6 49.0
169 12.8 11.8 17.6

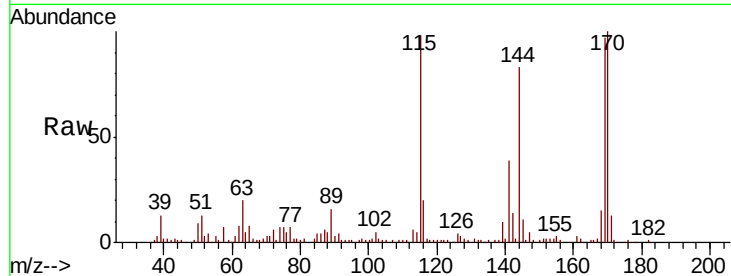




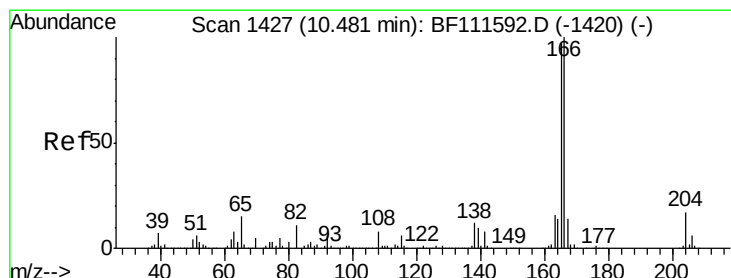
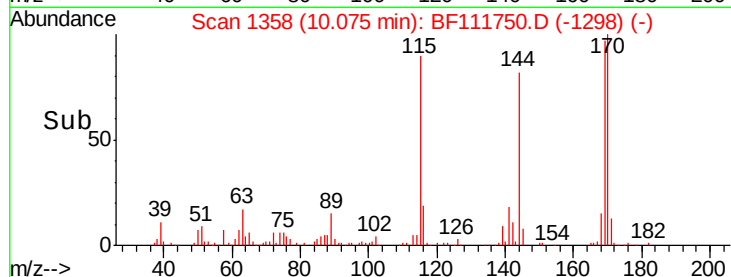
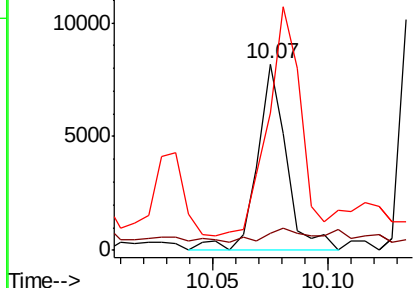
#56
4-Nitrophenol
Concen: 3.215 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.05 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 7232
Ion Ratio Lower Upper
139 100
109 9.1 41.8 81.8#
65 73.8 79.6 119.6#

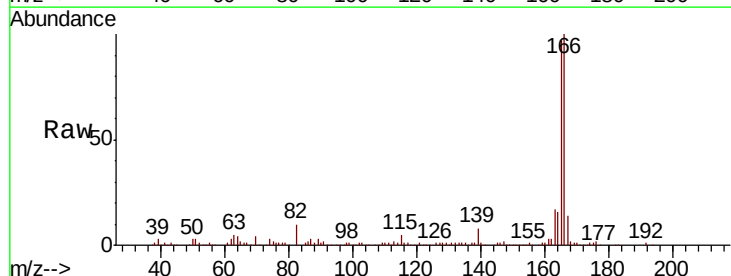


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

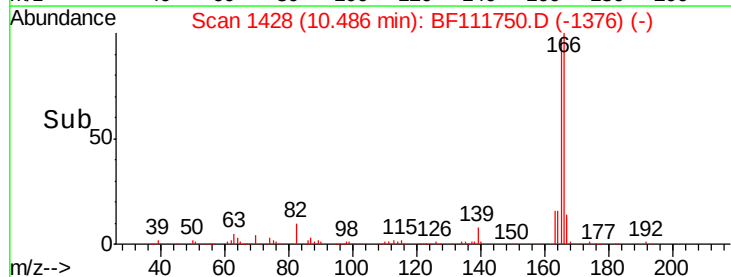
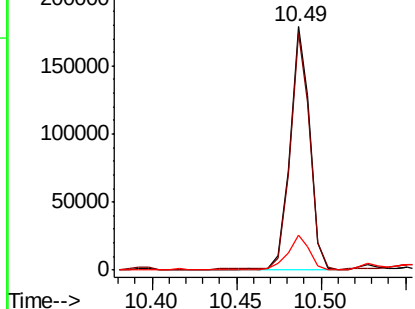


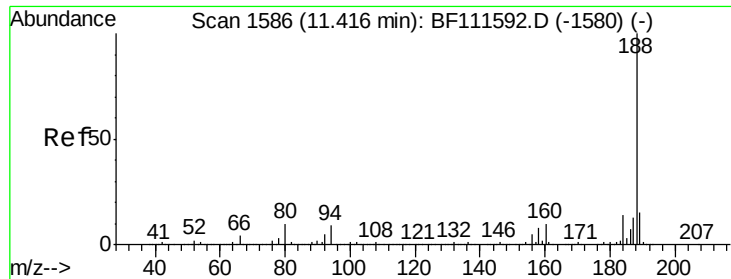
#58
Fluorene
Concen: 11.846 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:166 Resp: 147218
Ion Ratio Lower Upper
166 100
165 97.2 78.4 117.6
167 14.4 11.2 16.8



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

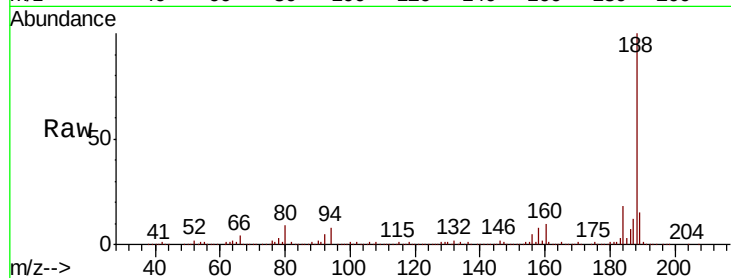




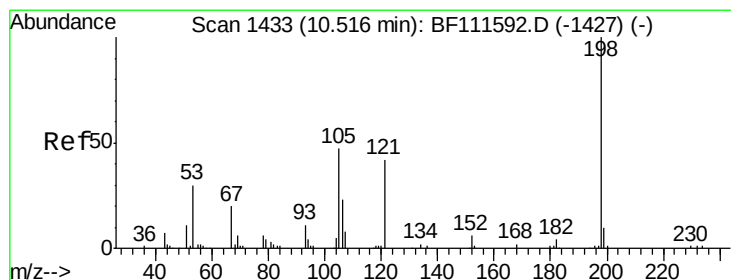
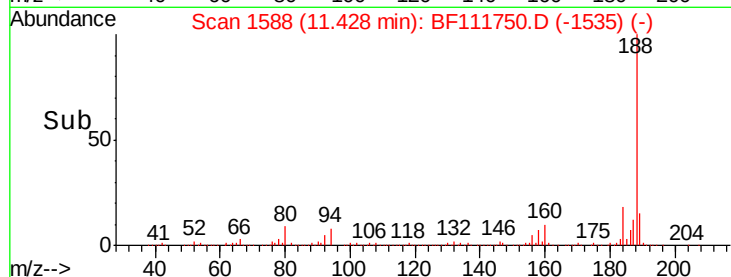
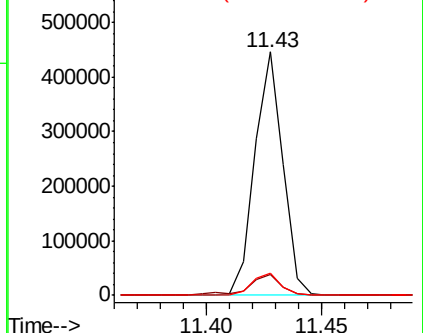
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 379499
Ion Ratio Lower Upper
188 100
94 8.3 9.6 14.4#
80 9.1 9.8 14.6#

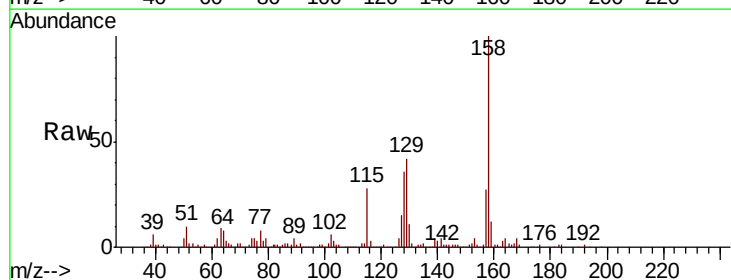


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

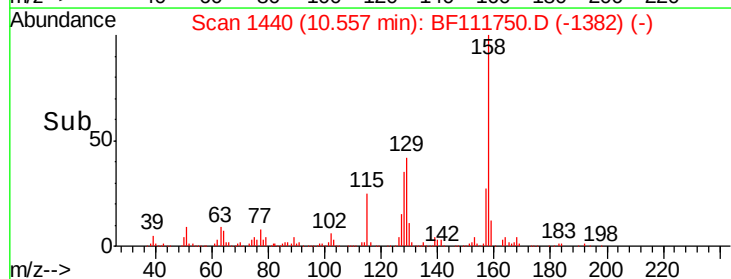
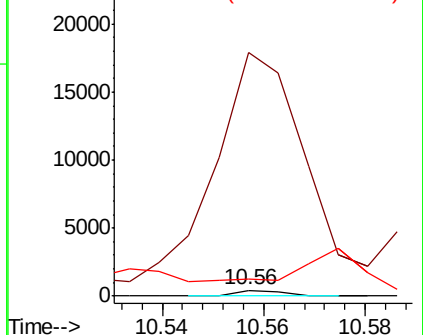


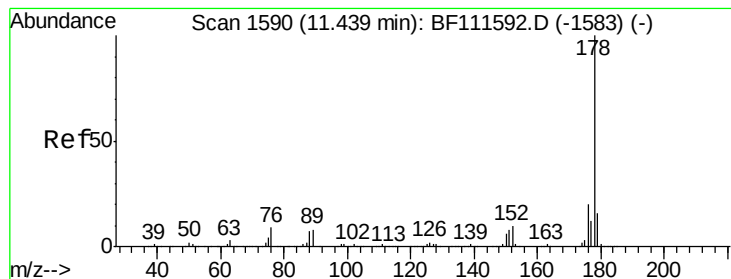
#65
4,6-Dinitro-2-methylphenol
Concen: 6.842 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.04 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:198 Resp: 271
Ion Ratio Lower Upper
198 100
51 4021.6 48.0 88.0#
105 290.3 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





#71

Phenanthrene

Concen: 11.798 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF111750.D

Acq: 27 Dec 2018 8:33

Instrument :

BNA_F

ClientSampleId :

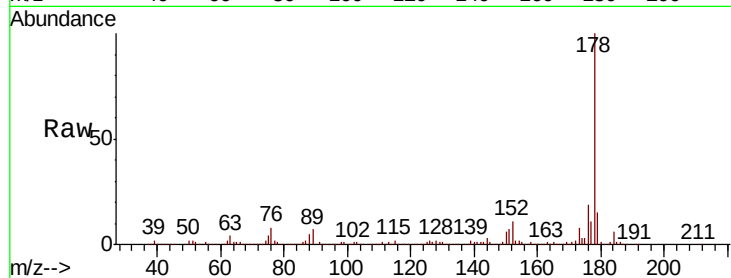
Tot Ion:178 Resp: 237453

Ion Ratio Lower Upper

178 100

176 18.6 18.1 27.1

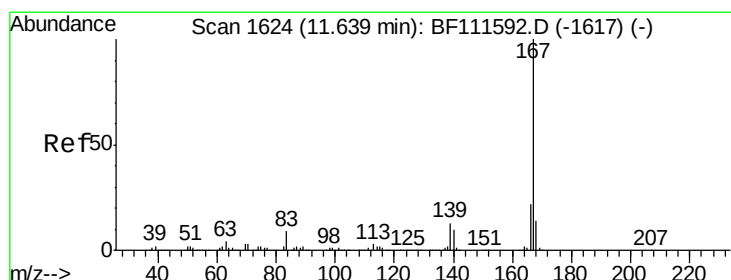
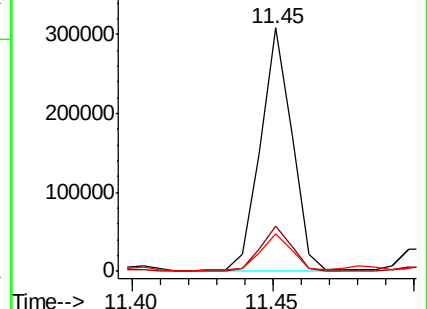
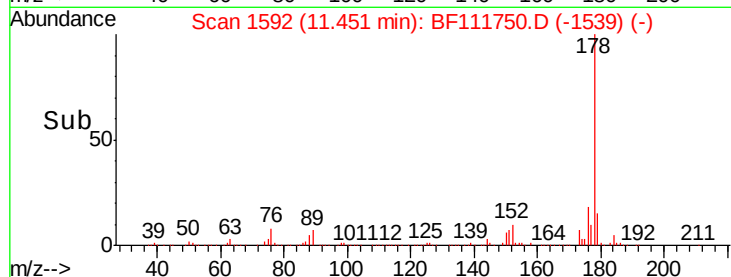
179 15.3 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 10.606 ng

RT: 11.66 min Scan# 1627

Delta R.T. 0.02 min

Lab File: BF111750.D

Acq: 27 Dec 2018 8:33

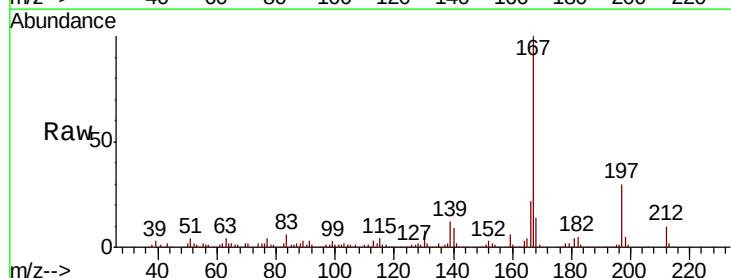
Tgt Ion:167 Resp: 208007

Ion Ratio Lower Upper

167 100

166 22.2 19.3 28.9

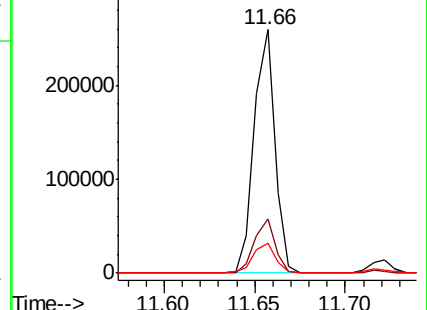
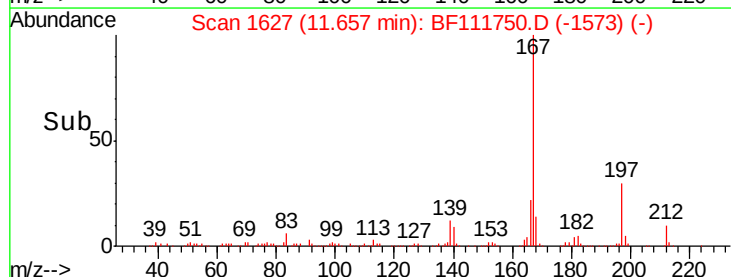
139 12.1 11.9 17.9

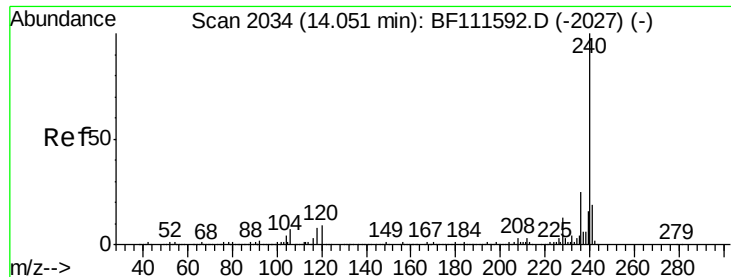


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

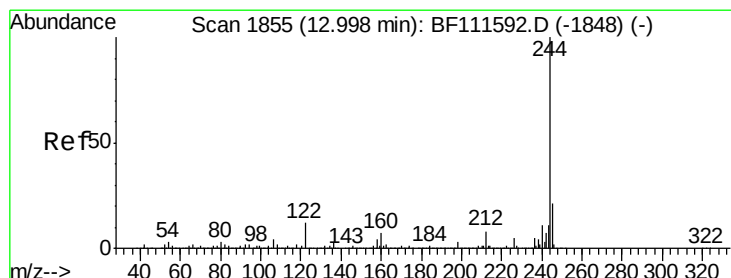
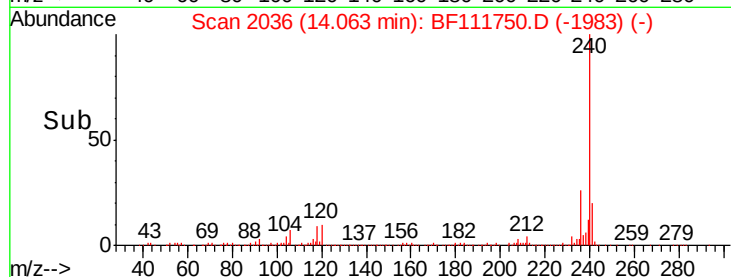
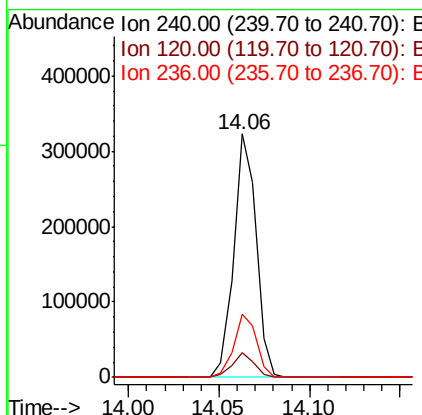
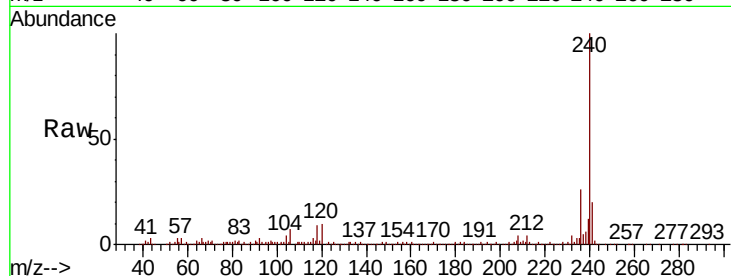




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF111750.D
 Acq: 27 Dec 2018 8:33

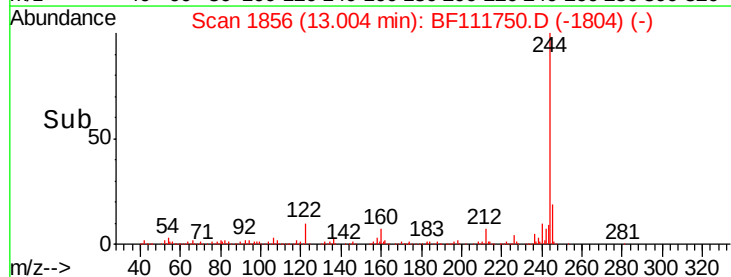
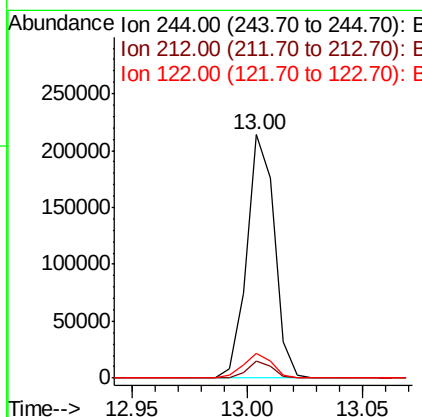
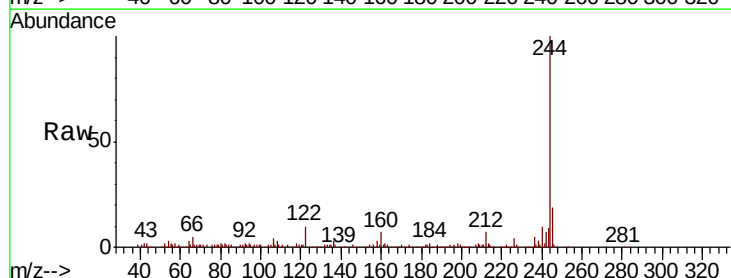
Instrument :
 BNA_F
 ClientSampleId :

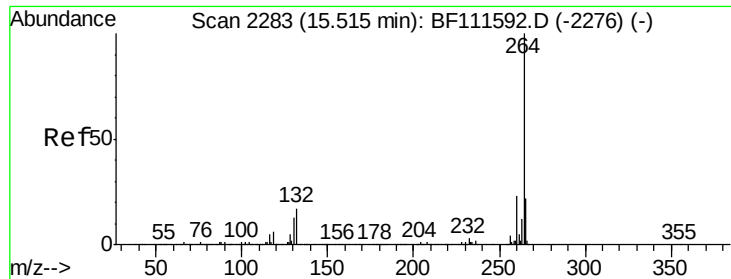
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	25.8	20.2	30.2



#79
 Terphenyl-d14
 Concen: 12.195 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111750.D
 Acq: 27 Dec 2018 8:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.1	13.1	19.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.5	17.7	26.5

