

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102384.D
 Acq On : 24 Jan 2018 11:32
 Operator : SJ/JU
 Sample : J1239-15DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 24 12:20:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

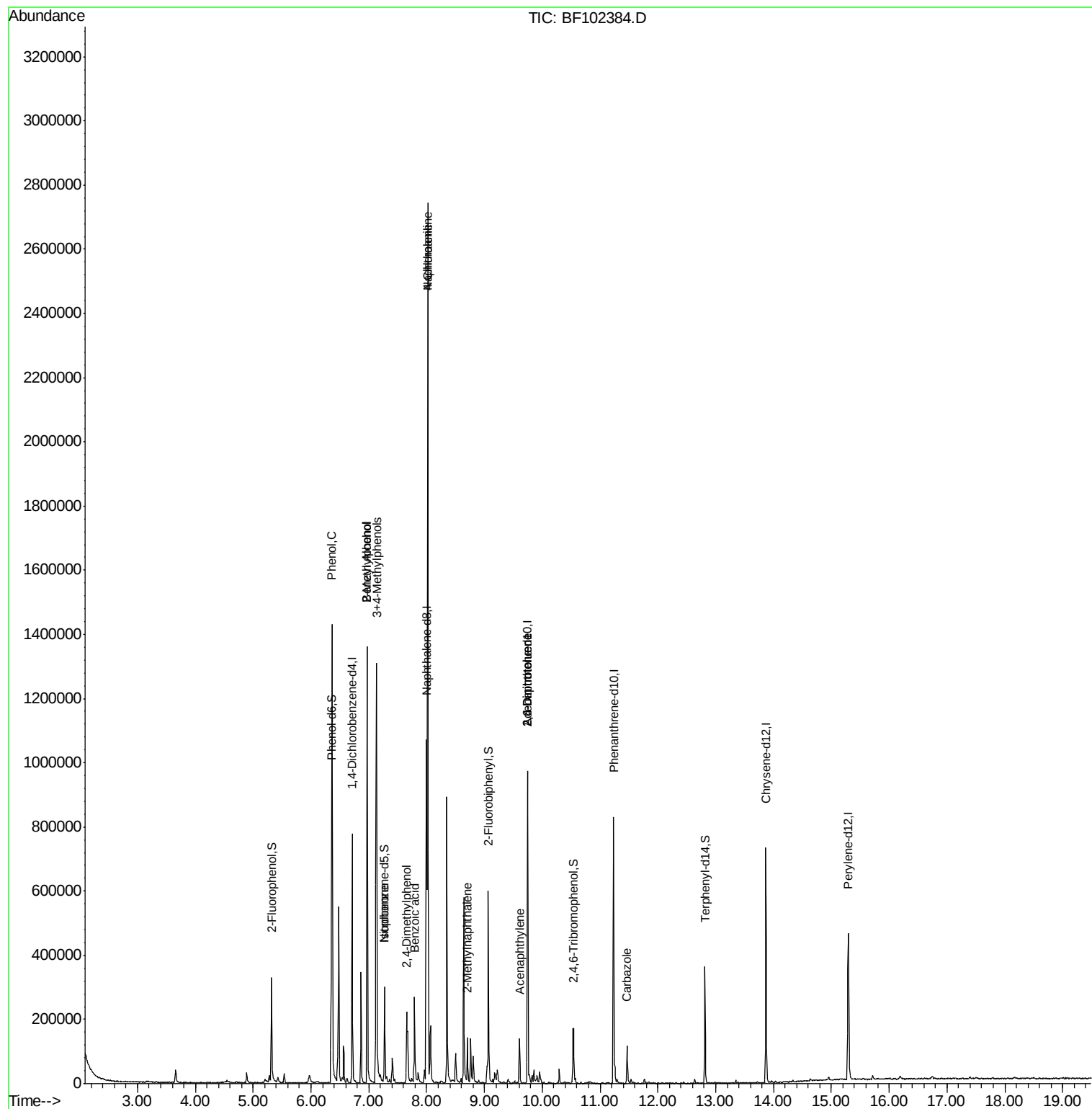
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121746	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	501393	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	210124	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	306321	20.00	ng	0.00
75) Chrysene-d12	13.87	240	243244	20.00	ng	0.00
86) Perylene-d12	15.29	264	217385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	106287	13.24	ng	0.00
7) Phenol-d6	6.35	99	120210	12.42	ng	0.00
23) Nitrobenzene-d5	7.27	82	86322	9.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	23464	11.27	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	181033	12.67	ng	-0.01
78) Terphenyl-d14	12.82	244	129681	12.02	ng	0.00
Target Compounds						
10) Phenol	6.36	94	485379	45.929	ng	99
15) Benzyl Alcohol	6.97	79	46656	6.831	ng	# 1
17) 2-Methylphenol	6.97	107	117057	16.013	ng	99
20) 3+4-Methylphenols	7.13	107	354397	41.222	ng	87
25) Isophorone	7.27	82	84484	5.432	ng	# 64
27) 2,4-Dimethylphenol	7.66	122	69789	10.227	ng	98
31) Naphthalene	8.02	128	1274747	50.921	ng	100
32) Benzoic acid	7.79	122	64055	11.204	ng	# 13
33) 4-Chloroaniline	8.02	127	169974	16.146	ng	# 35
37) 2-Methylnaphthalene	8.71	142	37203	2.231	ng	97
48) Acenaphthylene	9.61	152	58963	2.592	ng	97
50) 2,6-Dinitrotoluene	9.75	165	25758	6.879	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	25758	5.594	ng	# 23
72) Carbazole	11.47	167	51475	2.896	ng	99

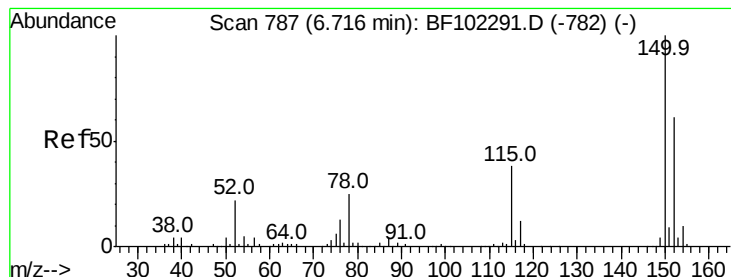
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
Data File : BF102384.D
Acq On : 24 Jan 2018 11:32
Operator : SJ/JU
Sample : J1239-15DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 24 12:20:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration



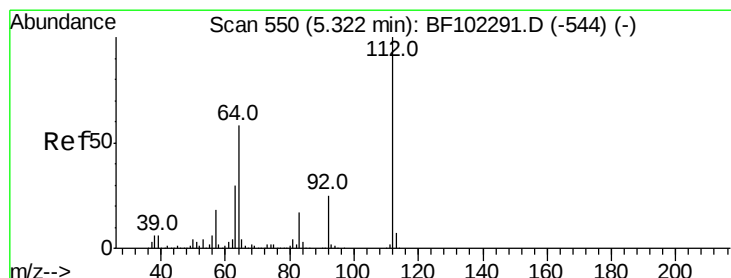
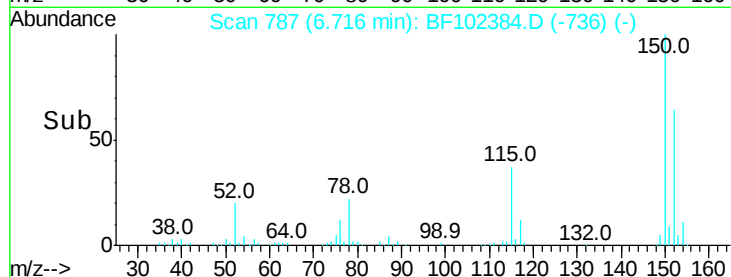
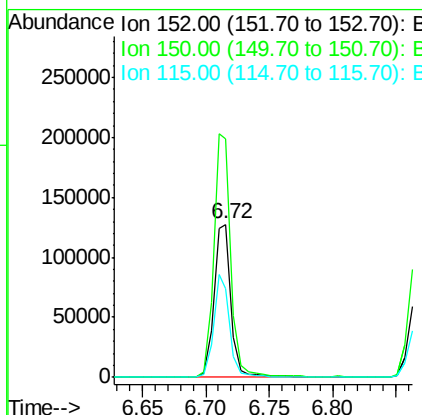
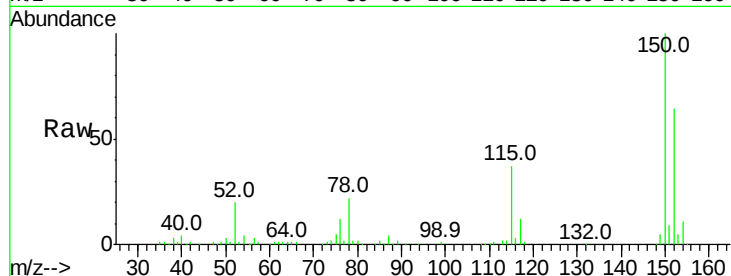


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Instrument :
BNA_F
ClientSampled :

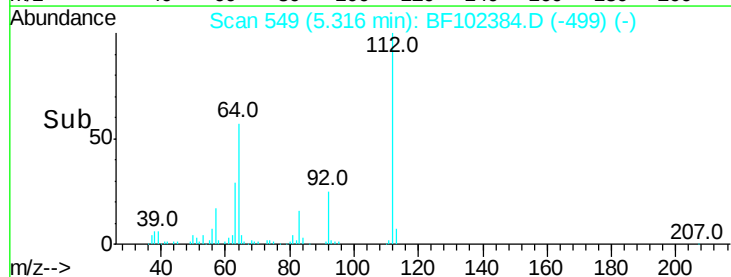
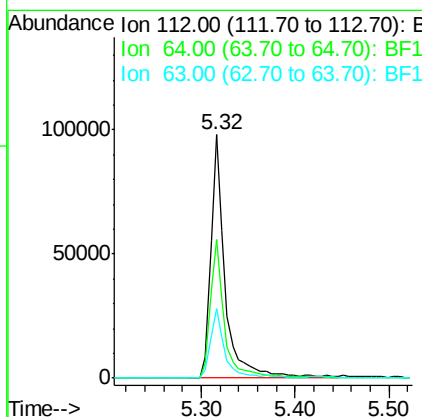
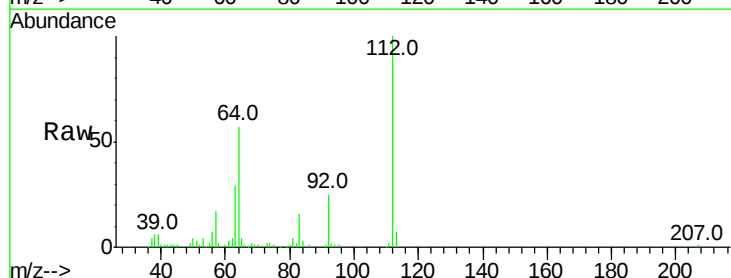
Tot Ion:152 Resp: 121746
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 58.3 50.1 75.1

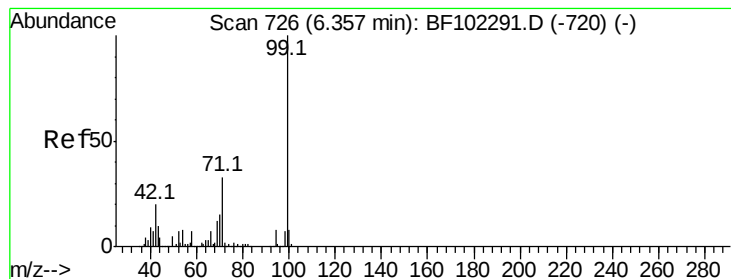


#5

2-Fluorophenol
Concen: 13.237 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion:112 Resp: 106287
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 12.418 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102384.D

Acq: 24 Jan 2018 11:32

Instrument :

BNA_F

ClientSampled :

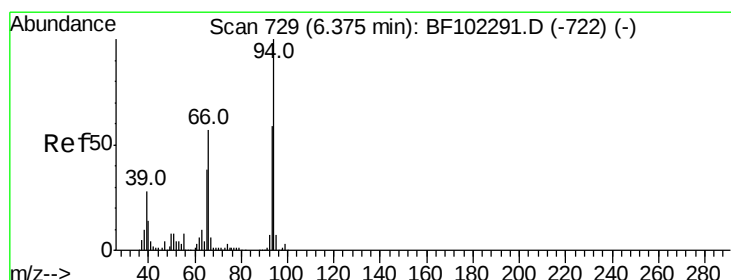
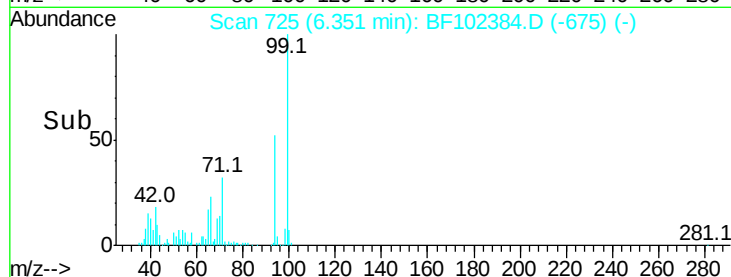
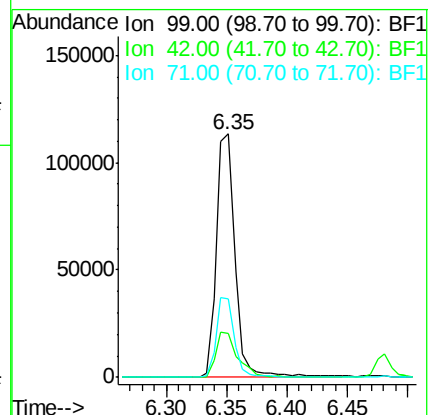
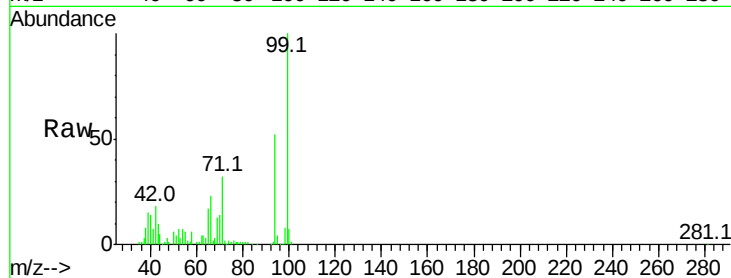
Tot Ion: 99 Resp: 120210

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 32.1 25.4 38.0



#10

Phenol

Concen: 45.929 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102384.D

Acq: 24 Jan 2018 11:32

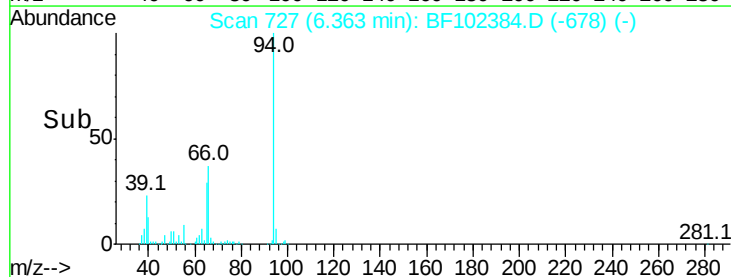
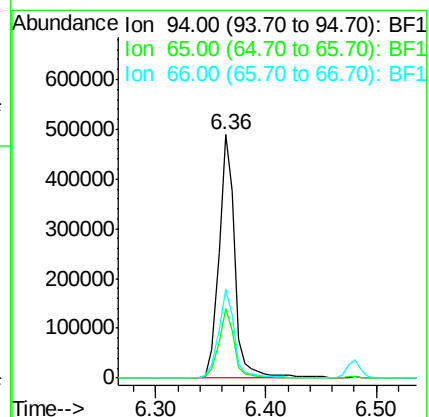
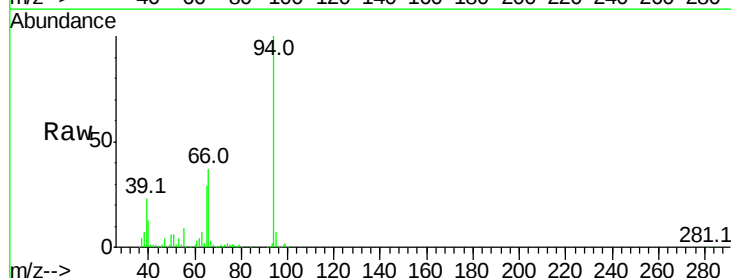
Tgt Ion: 94 Resp: 485379

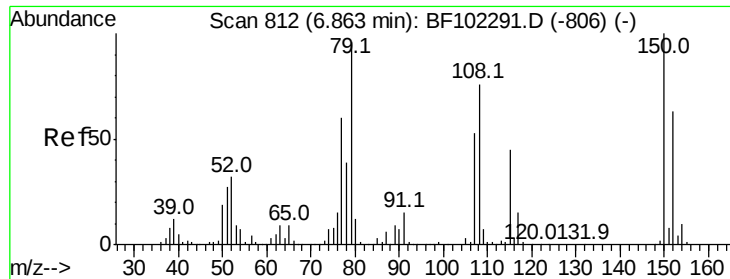
Ion Ratio Lower Upper

94 100

65 28.6 7.9 47.9

66 36.7 16.2 56.2

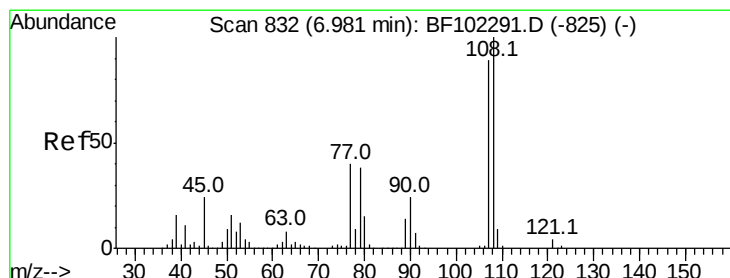
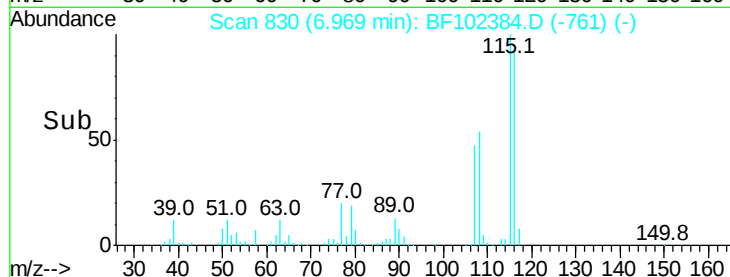
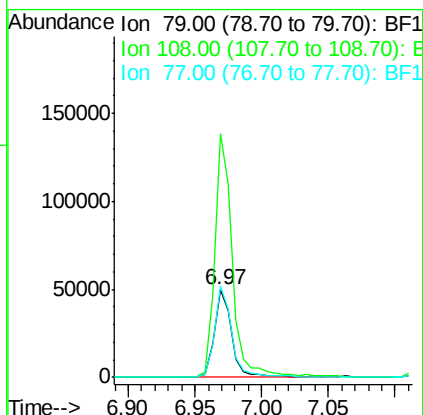
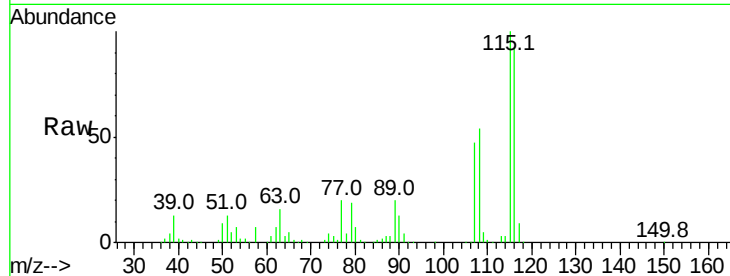




#15
Benzyl Alcohol
Concen: 6.831 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.11 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

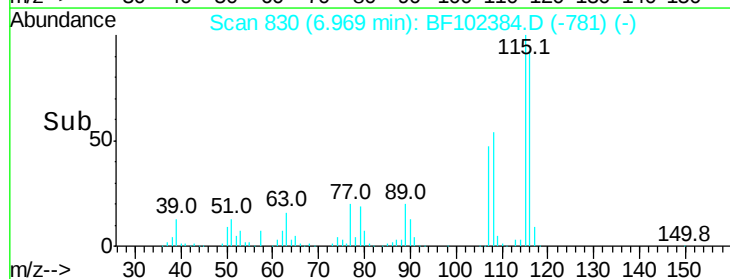
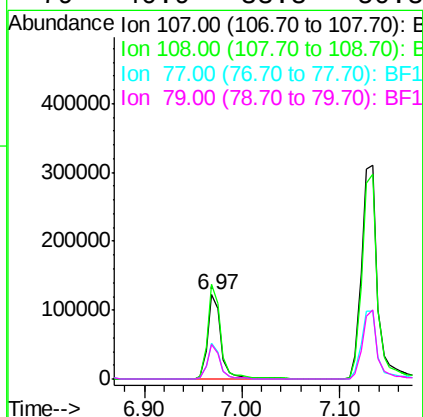
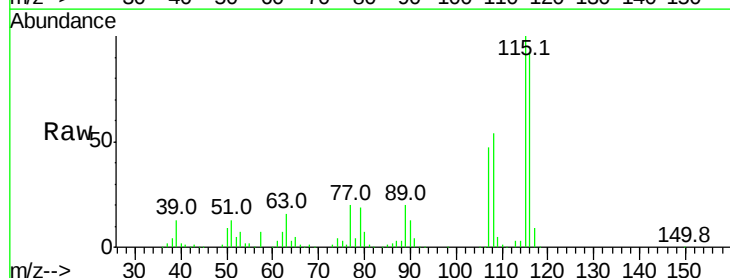
Instrument :
BNA_F
ClientSampleId :

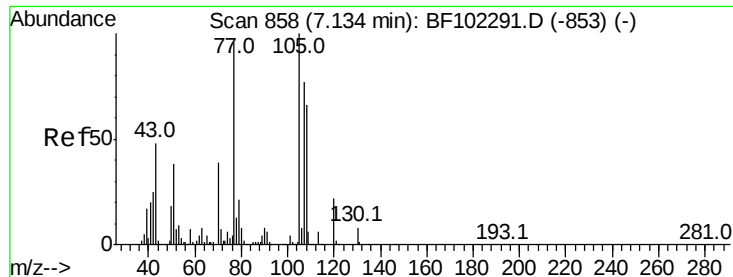
Tot Ion: 79 Resp: 46656
Ion Ratio Lower Upper
79 100
108 277.5 65.1 97.7#
77 104.5 50.6 75.8#



#17
2-Methylphenol
Concen: 16.013 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion: 107 Resp: 117057
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 42.7 33.8 50.8
79 40.9 33.8 50.8

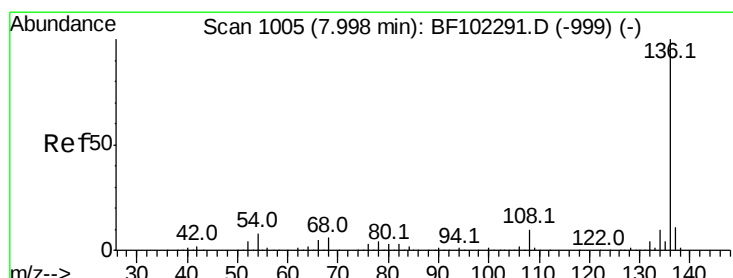
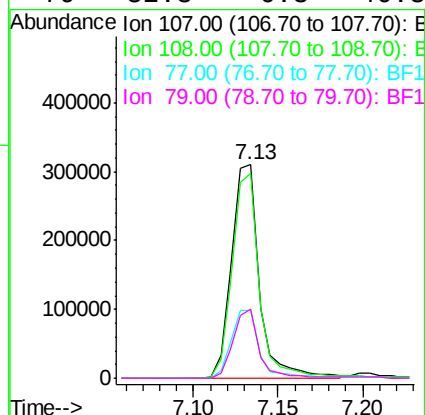
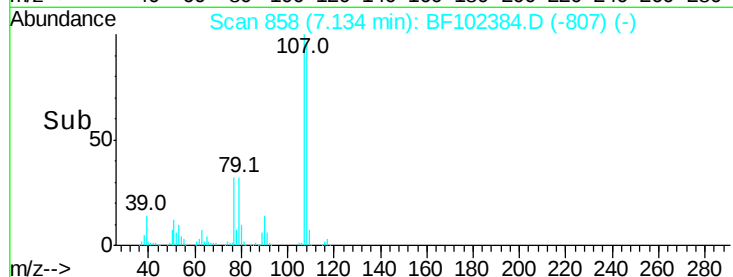
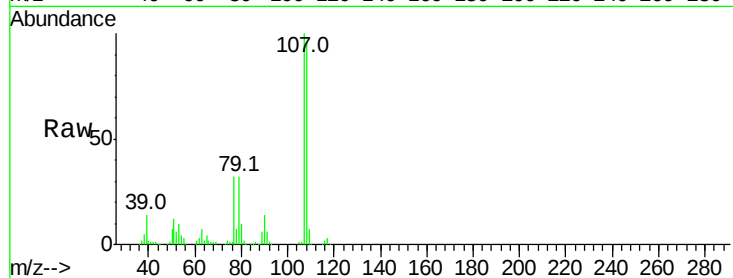




#20
3+4-Methylphenols
Concen: 41.222 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

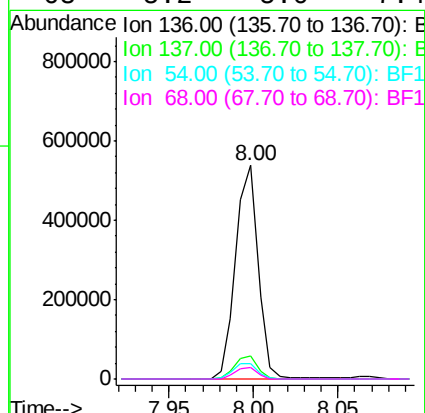
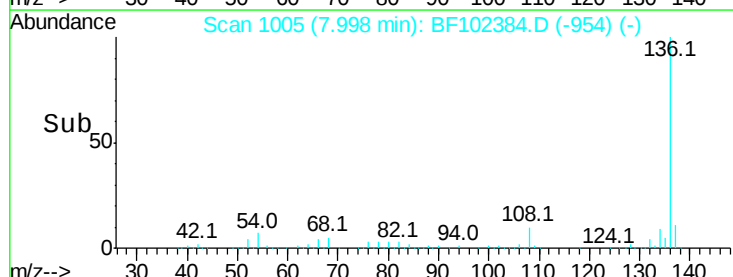
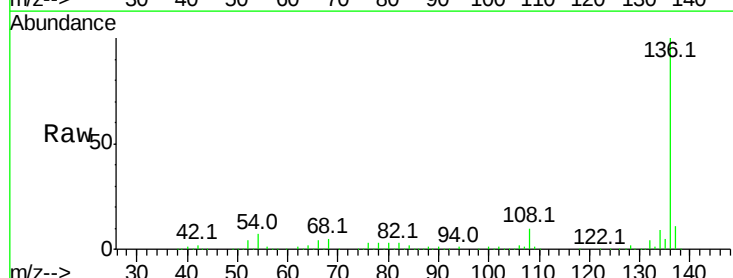
Instrument :
BNA_F
ClientSampleId :

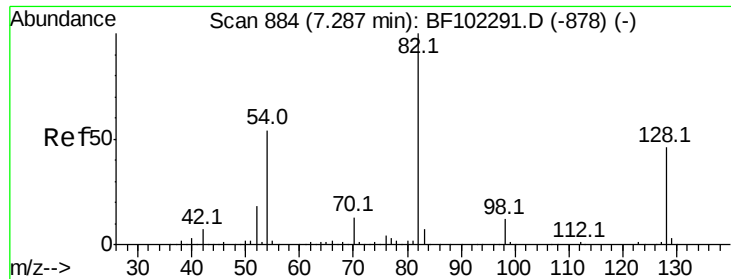
Tot Ion:	107	Resp:	354397
Ion	Ratio	Lower	Upper
107	100		
108	96.1	68.2	108.2
77	31.9	26.7	66.7
79	32.3	6.3	46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion:	136	Resp:	501393
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.2	6.6	9.8
68	5.2	5.0	7.4

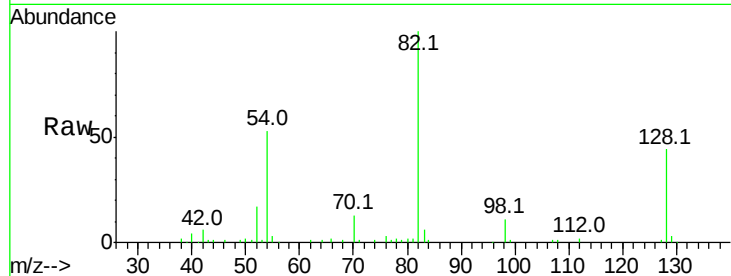




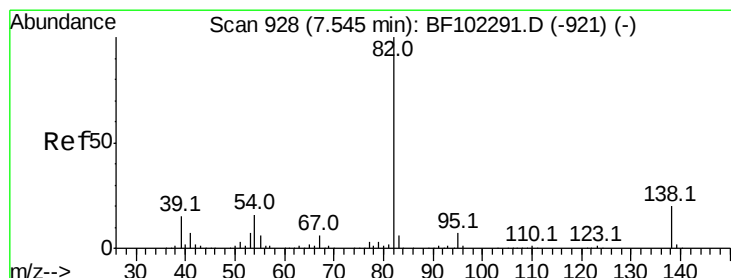
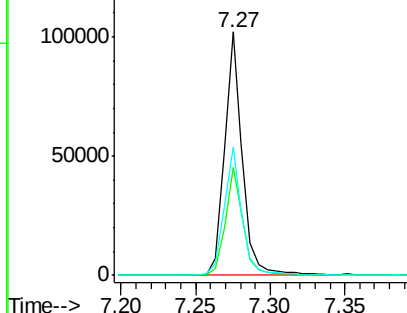
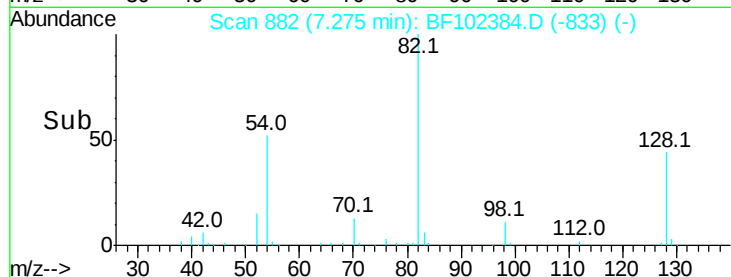
#23
 Nitrobenzene-d5
 Concen: 9.894 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF102384.D
 Acq: 24 Jan 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	86322
Ion Ratio	Lower	Upper	
82	100		
128	44.4	36.1	54.1
54	52.9	41.4	62.2

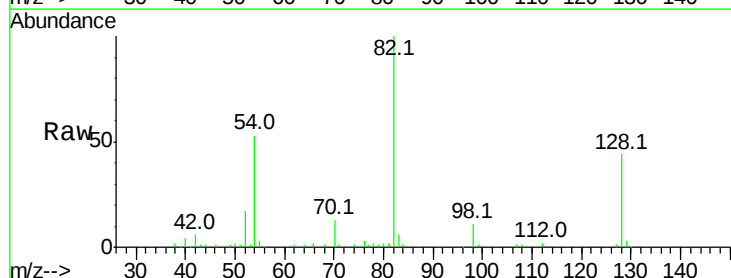


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

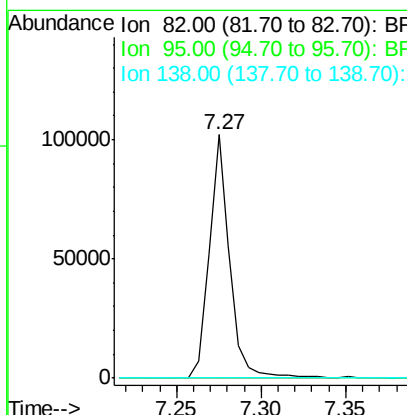
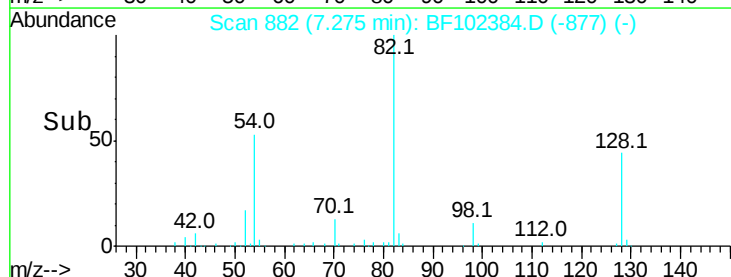


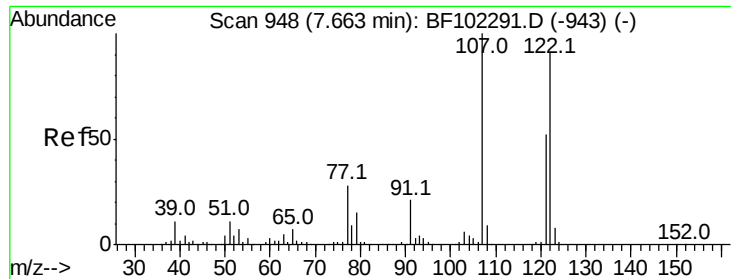
#25
 Isophorone
 Concen: 5.432 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.27 min
 Lab File: BF102384.D
 Acq: 24 Jan 2018 11:32

Tgt Ion	82	Resp	84484
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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: 10.227 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF102384.D

Acq: 24 Jan 2018 11:32

Instrument :

BNA_F

ClientSampleId :

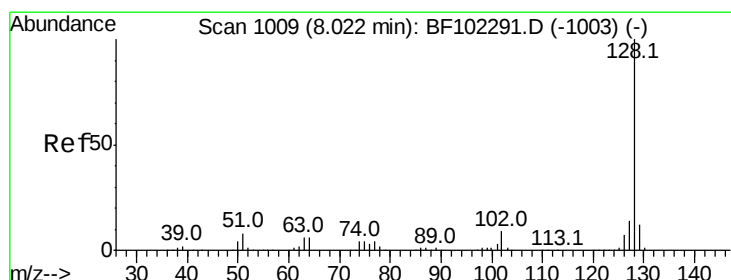
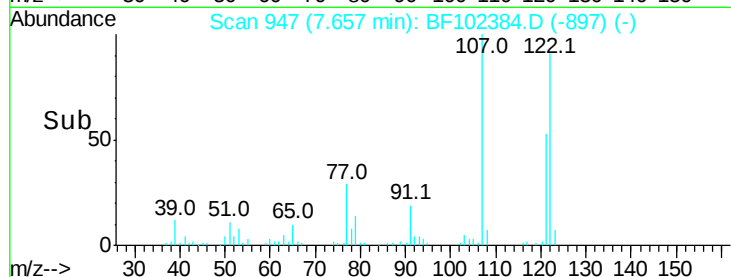
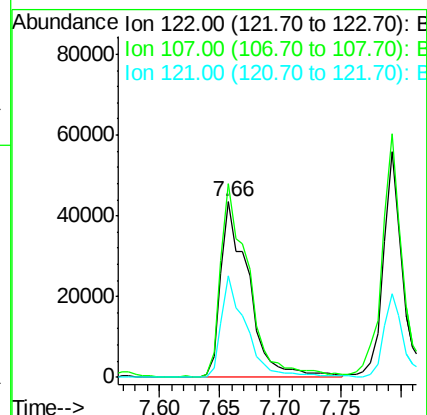
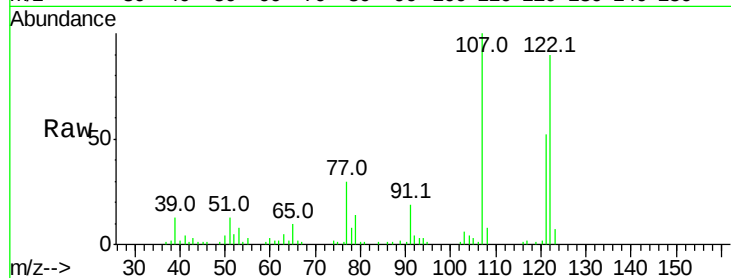
Tot Ion:122 Resp: 69789

Ion Ratio Lower Upper

122 100

107 110.9 91.2 136.8

121 58.1 47.2 70.8



#31

Naphthalene

Concen: 50.921 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102384.D

Acq: 24 Jan 2018 11:32

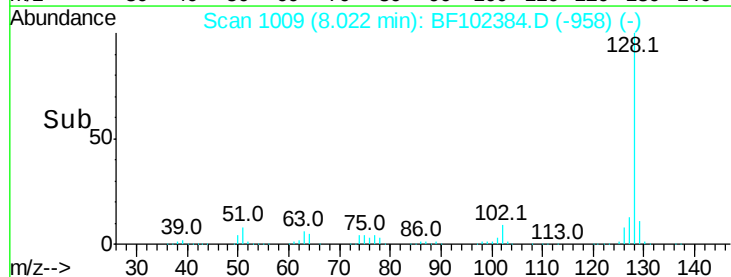
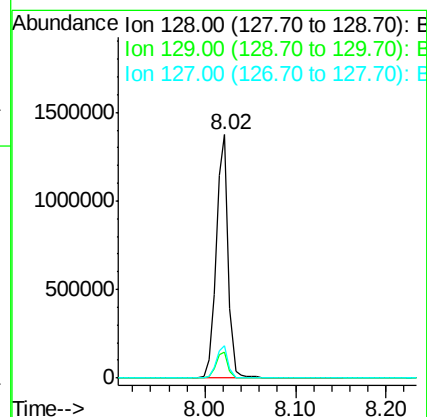
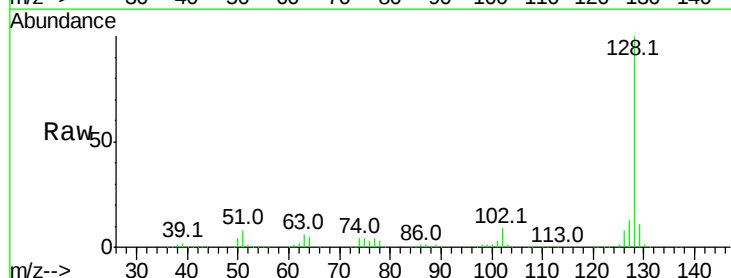
Tgt Ion:128 Resp: 1274747

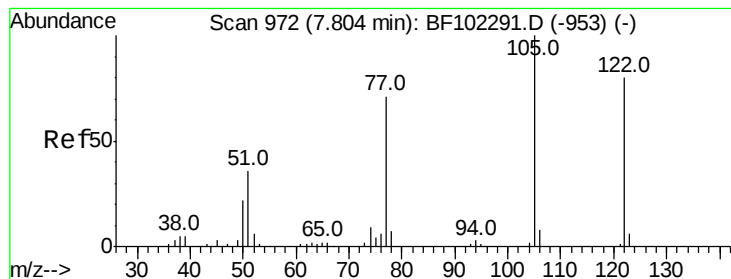
Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.4 10.9 16.3





#32

Benzoic acid

Concen: 11.204 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF102384.D

Acq: 24 Jan 2018 11:32

Instrument :

BNA_F

ClientSampleId :

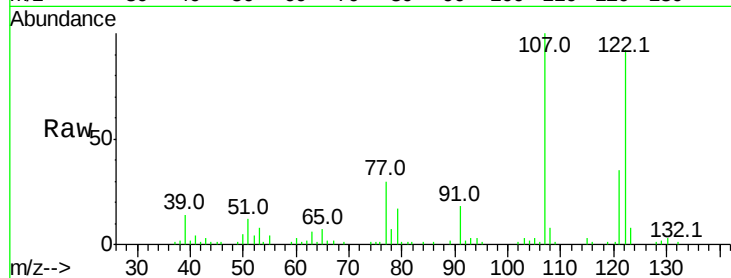
Tot Ion:122 Resp: 64055

Ion Ratio Lower Upper

122 100

105 3.3 101.1 141.1#

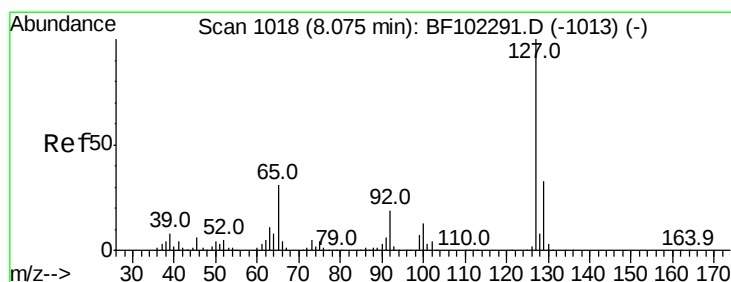
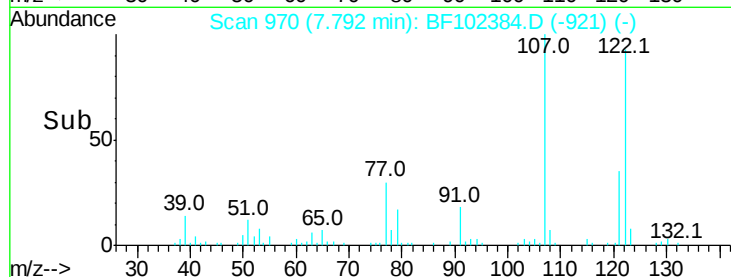
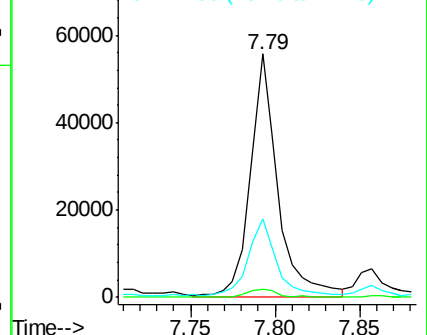
77 32.2 70.7 110.7#



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: 16.146 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.05 min

Lab File: BF102384.D

Acq: 24 Jan 2018 11:32

Tgt Ion:127 Resp: 169974

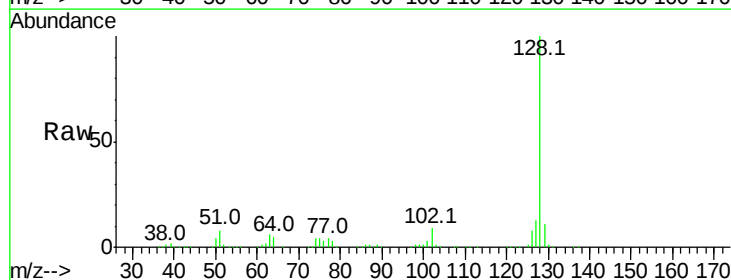
Ion Ratio Lower Upper

127 100

129 81.5 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

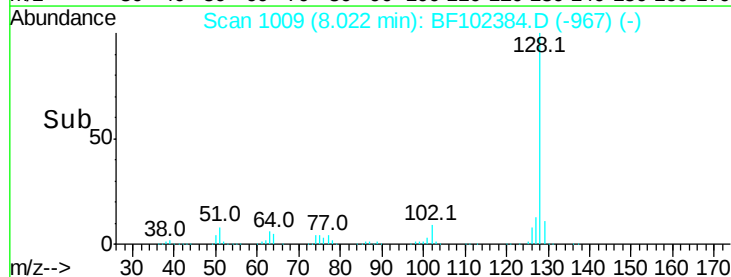
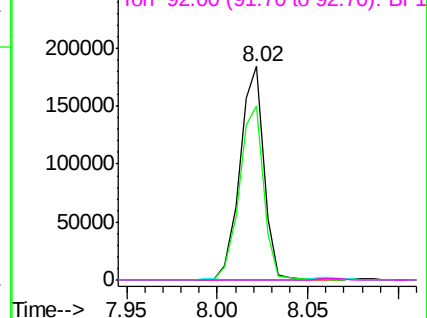


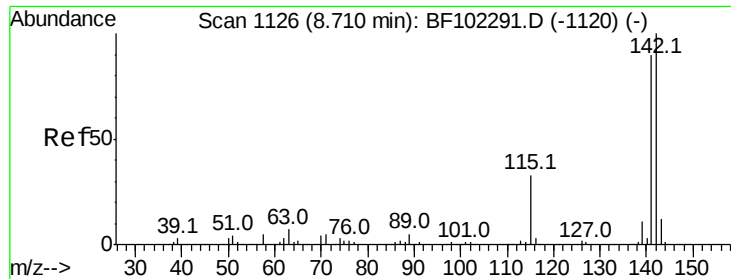
Abundance Ion 127.00 (126.70 to 127.70): E

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

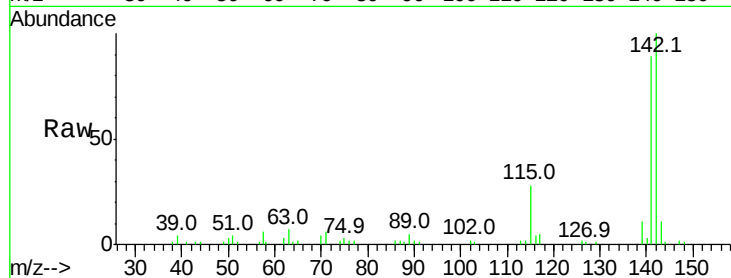




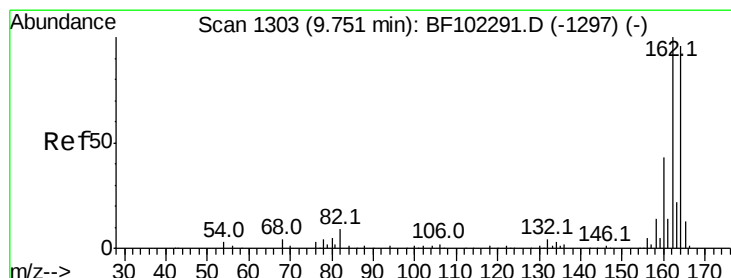
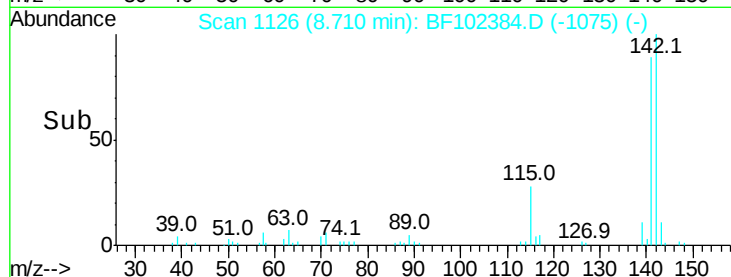
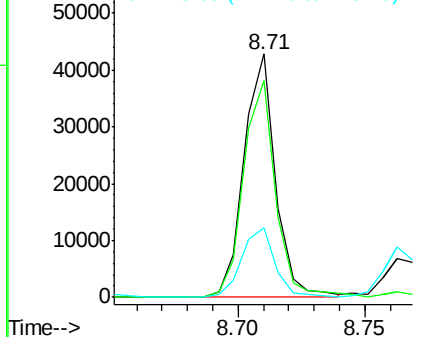
#37
 2-Methylnaphthalene
 Concen: 2.231 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF102384.D
 Acq: 24 Jan 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 37203
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.8 106.2
 115 28.4 26.1 39.1

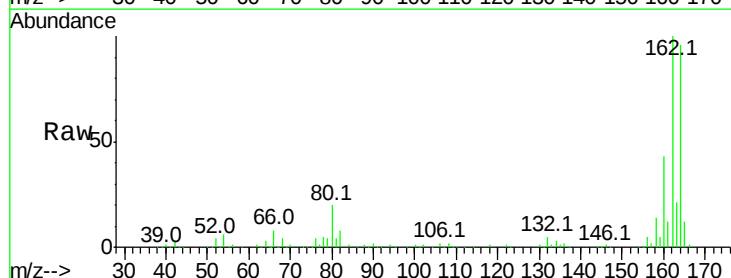


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

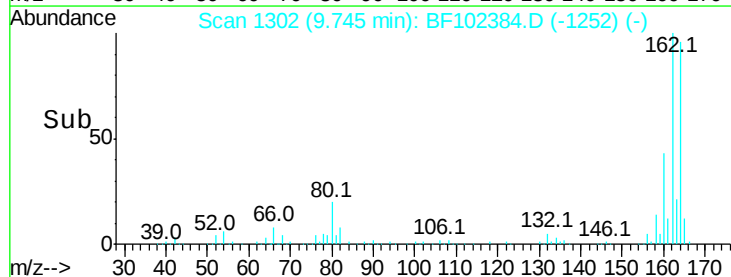
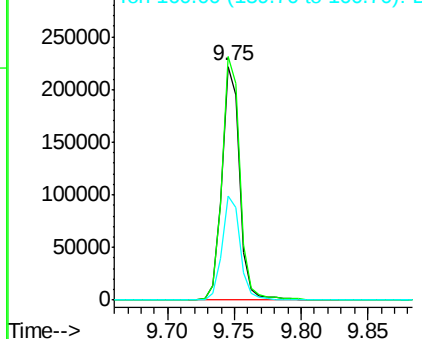


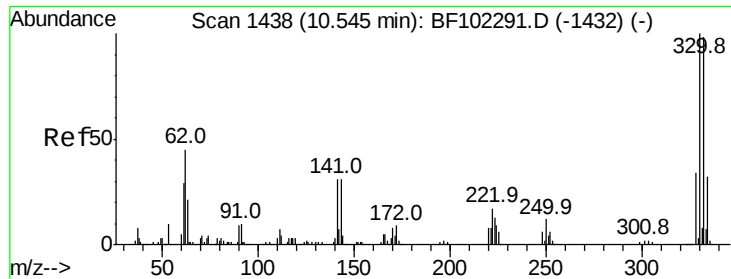
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102384.D
 Acq: 24 Jan 2018 11:32

Tgt Ion:164 Resp: 210124
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 44.5 38.3 57.5



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

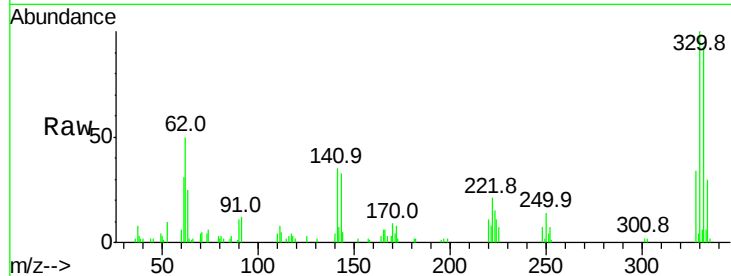




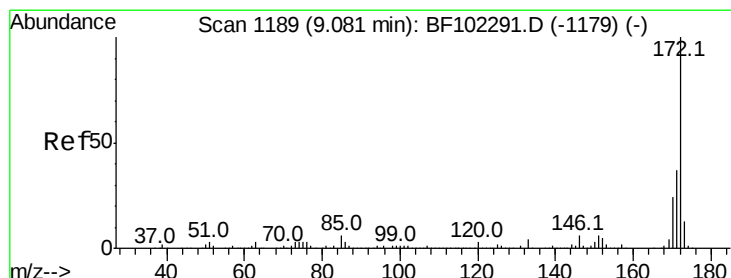
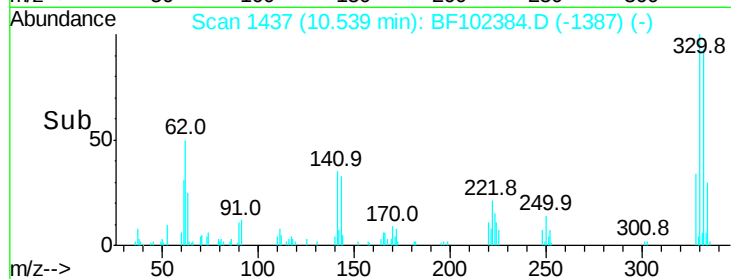
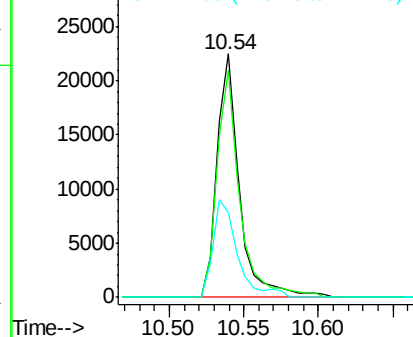
#41
 2,4,6-Tribromophenol
 Concen: 11.270 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102384.D
 Acq: 24 Jan 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	43.1	29.9	44.9

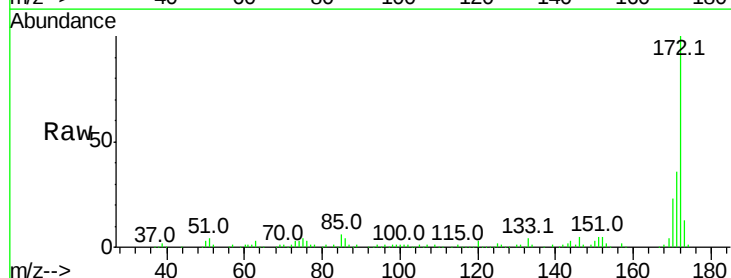


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

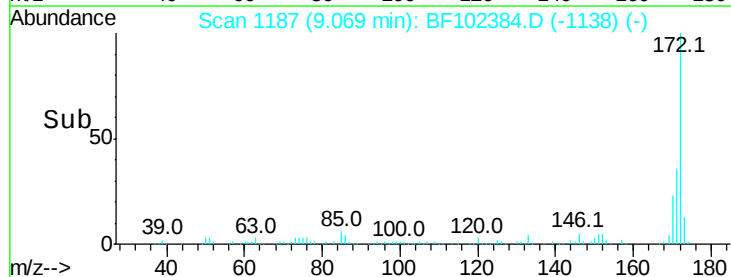
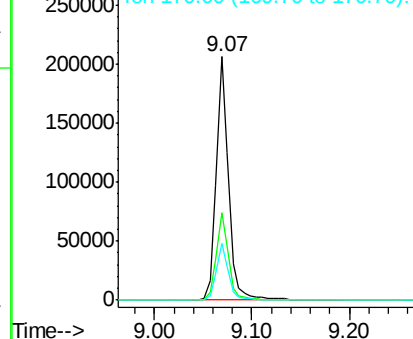


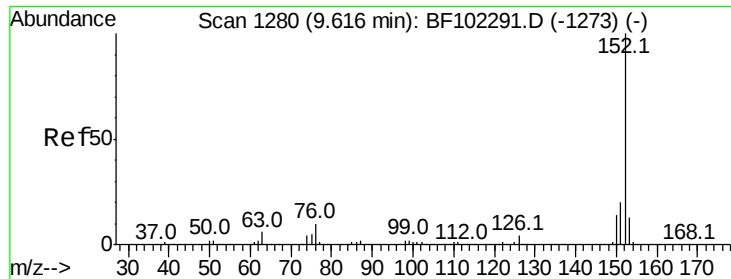
#44
 2-Fluorobiphenyl
 Concen: 12.668 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102384.D
 Acq: 24 Jan 2018 11:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.1	19.6	29.4



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

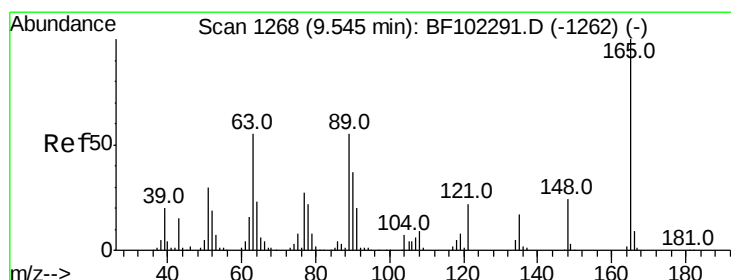
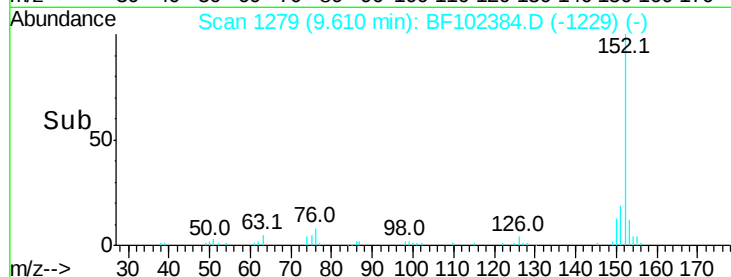
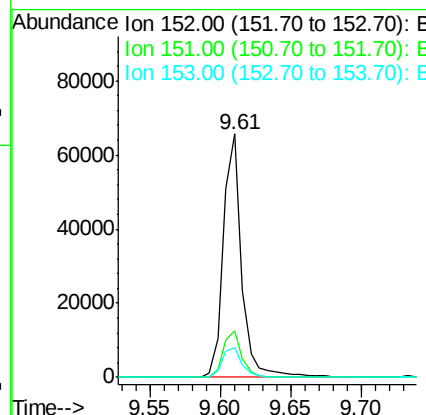
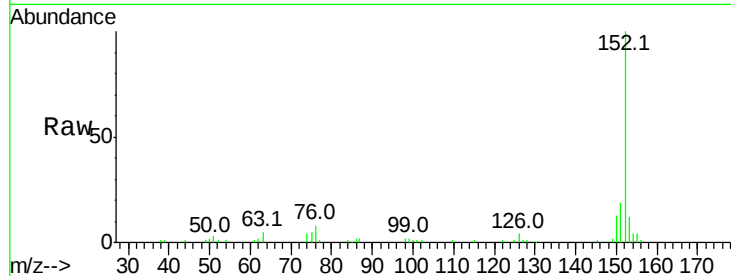




#48
Acenaphthylene
Concen: 2.592 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

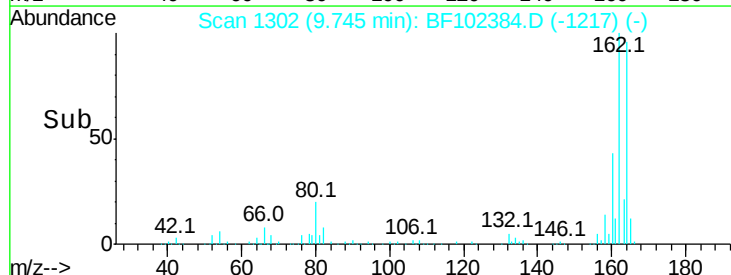
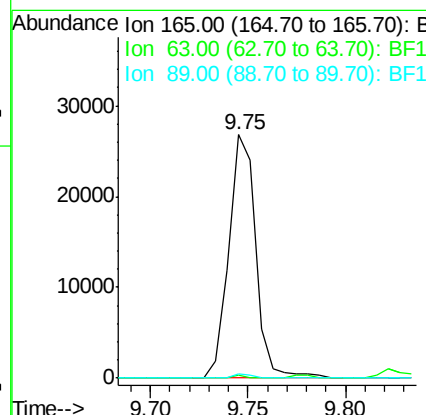
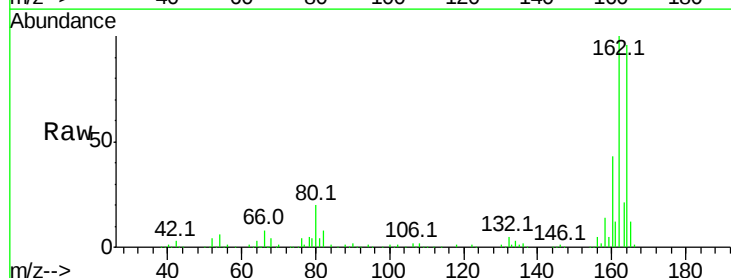
Instrument :
BNA_F
ClientSampleId :

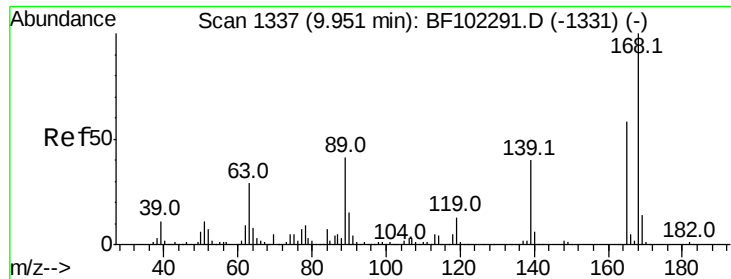
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	12.3	10.7	16.1



#50
2,6-Dinitrotoluene
Concen: 6.879 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#

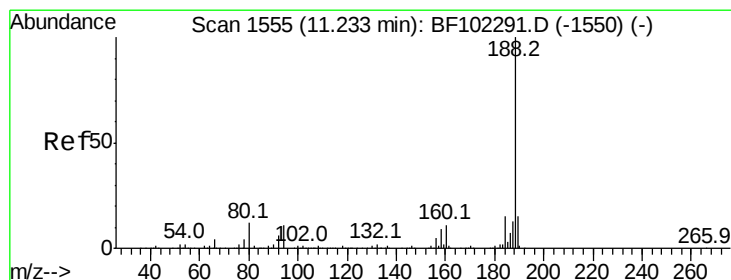
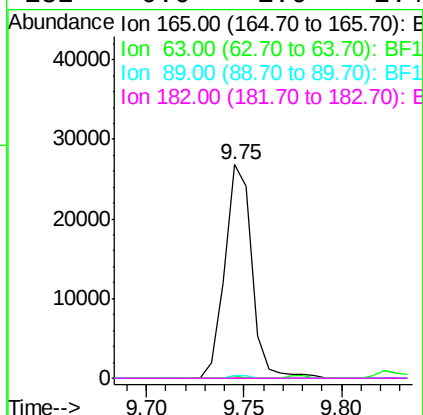
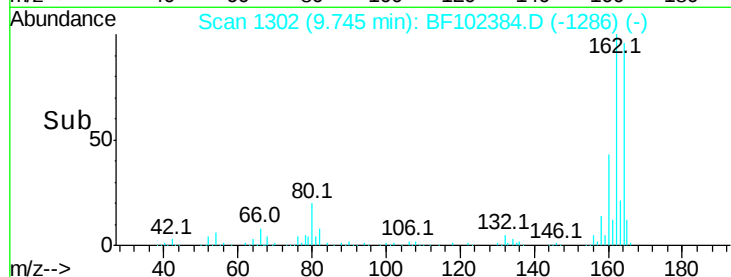
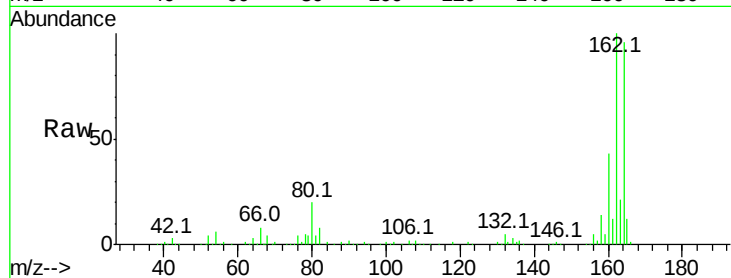




#56
 2,4-Dinitrotoluene
 Concen: 5.594 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102384.D
 Acq: 24 Jan 2018 11:32

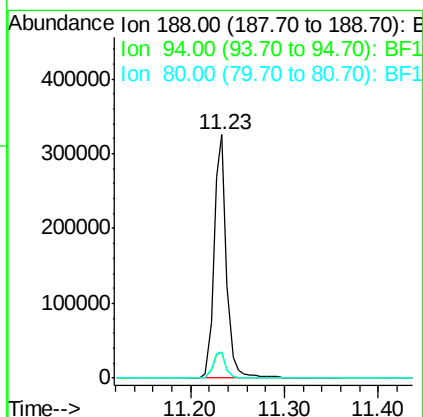
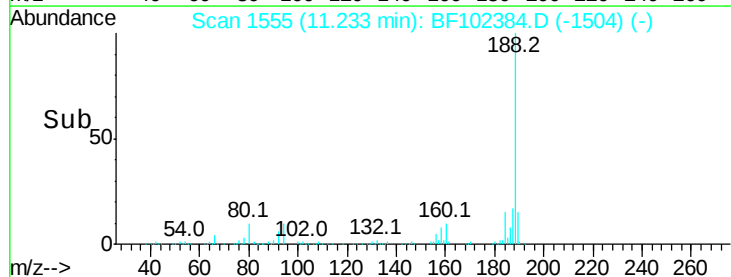
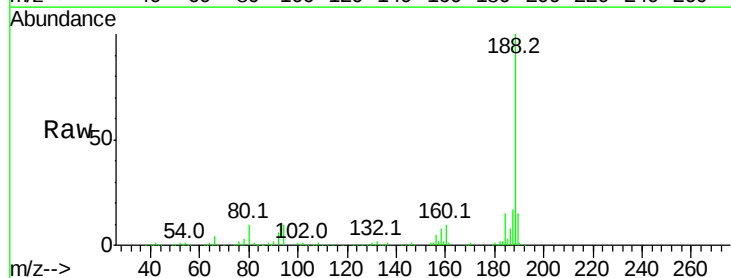
Instrument :
 BNA_F
 ClientSampleId :

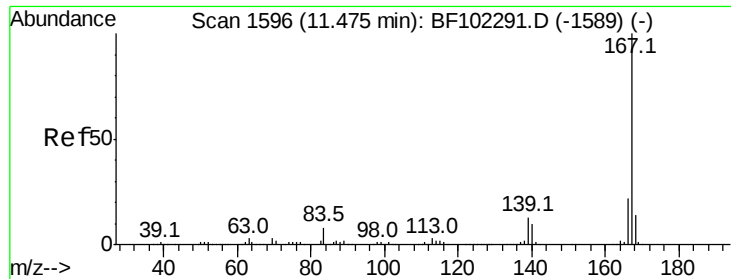
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102384.D
 Acq: 24 Jan 2018 11:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.5	9.2	13.8





#72

Carbazole

Concen: 2.896 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF102384.D

Acq: 24 Jan 2018 11:32

Instrument :

BNA_F

ClientSampleId :

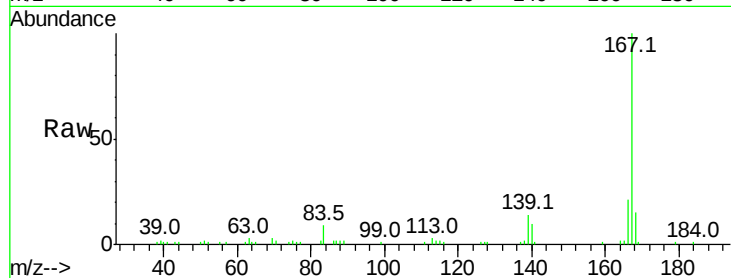
Tot Ion:167 Resp: 51475

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

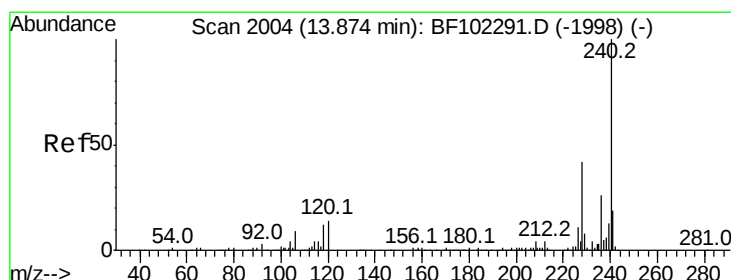
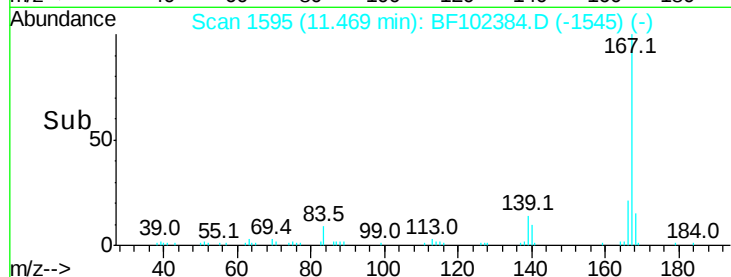
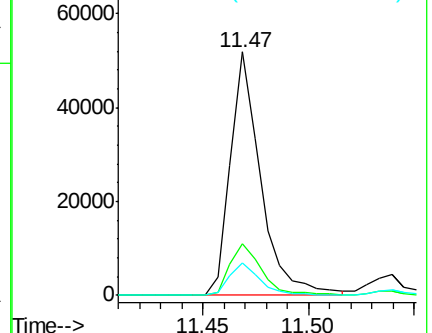
139 13.5 10.9 16.3



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102384.D

Acq: 24 Jan 2018 11:32

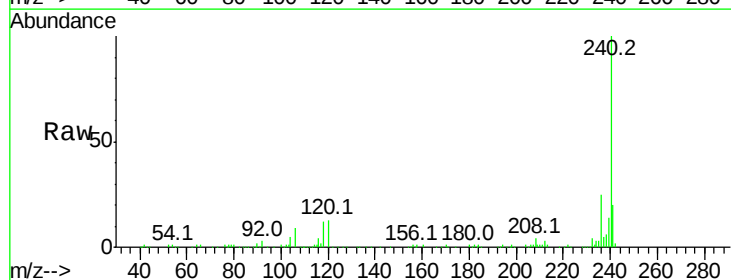
Tgt Ion:240 Resp: 243244

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

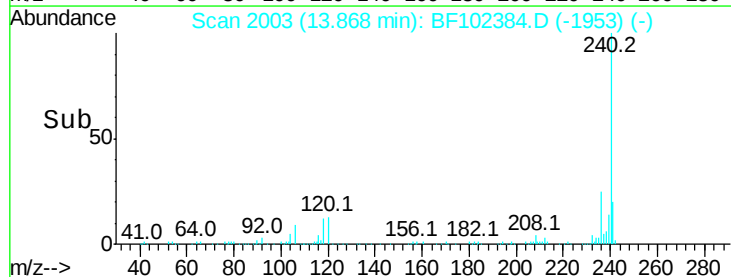
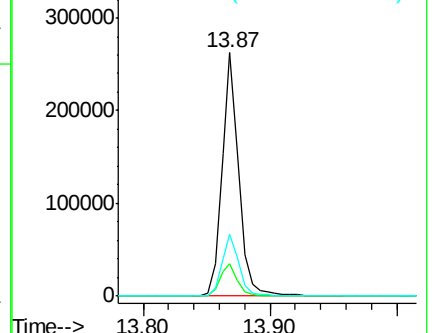
236 25.4 20.7 31.1

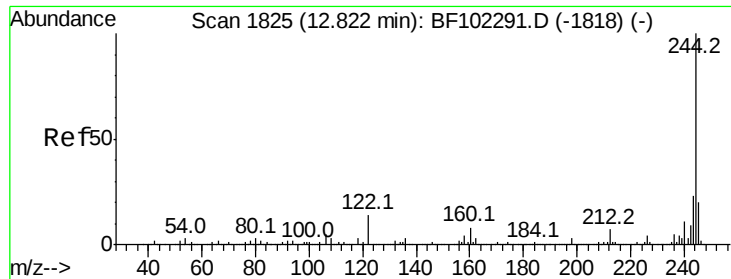


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

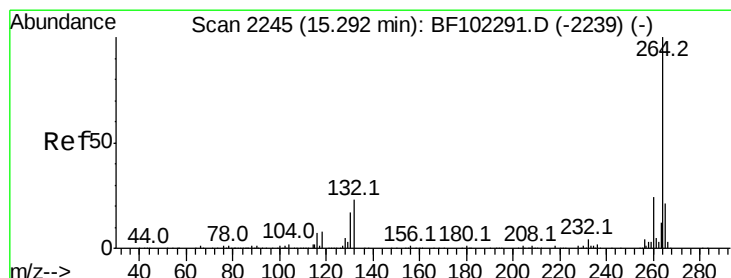
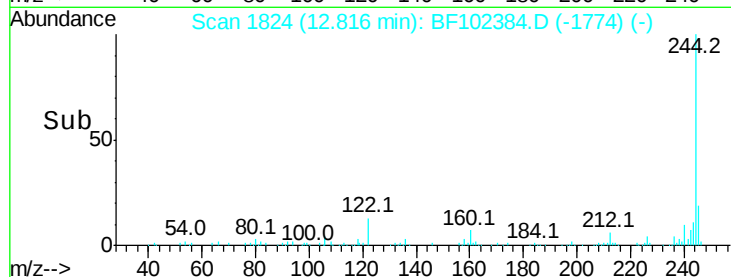
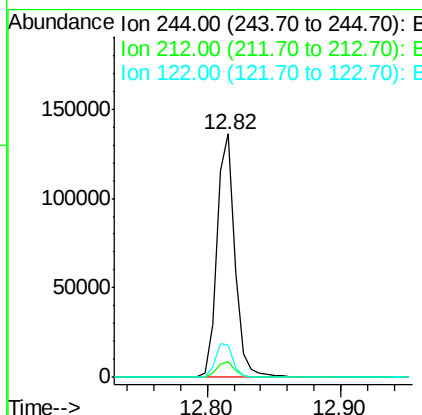
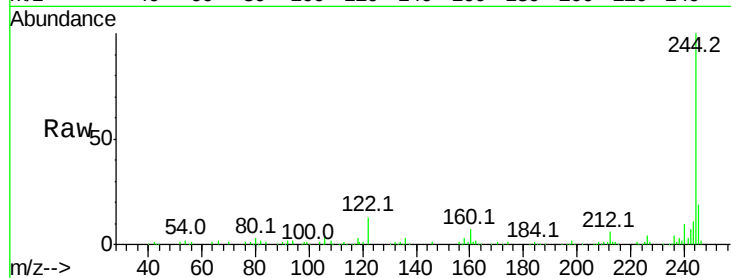




#78
 Terphenyl-d14
 Concen: 12.019 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102384.D
 Acq: 24 Jan 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 129681
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 13.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102384.D
 Acq: 24 Jan 2018 11:32

Tgt Ion:264 Resp: 217385
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.6 17.5 26.3

