

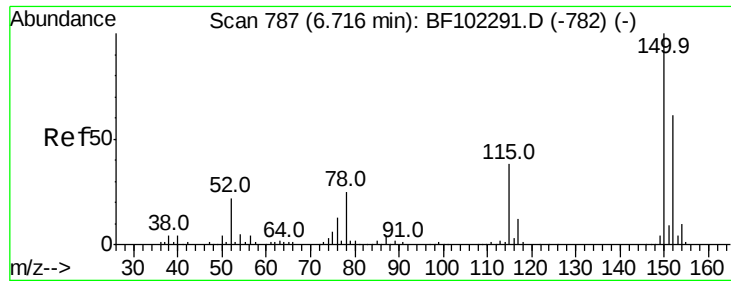
Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102683.D
 Acq On : 1 Feb 2018 4:11
 Operator : SJ/JU
 Sample : PB106224BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 06:13:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	132663	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	487864	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	173962	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	287996	20.00	ng	0.00
75) Chrysene-d12	13.87	240	277640	20.00	ng	0.00
86) Perylene-d12	15.30	264	193599	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	991648	113.34	ng	0.02
7) Phenol-d6	6.37	99	1164519	110.40	ng	0.01
23) Nitrobenzene-d5	7.27	82	627539	73.92	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	152836	88.67	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1009278	85.31	ng	0.00
78) Terphenyl-d14	12.81	244	851884	69.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	20584	2.813	ng	84
19) n-Nitroso-di-n-propylamine	7.27	70	79302	12.285	ng	# 80
25) Isophorone	7.27	82	627533	41.463	ng	# 64
50) 2,6-Dinitrotoluene	9.74	165	22411	7.229	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	22411	5.879	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	10573	3.410	ng	# 1

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

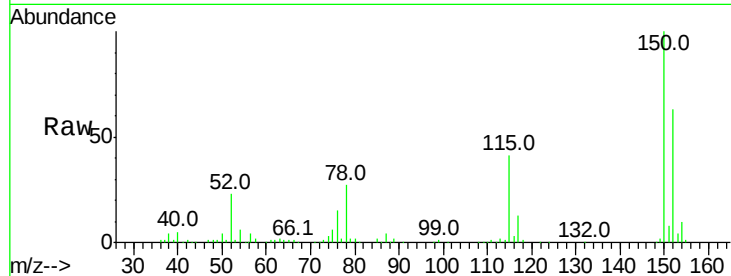


#1

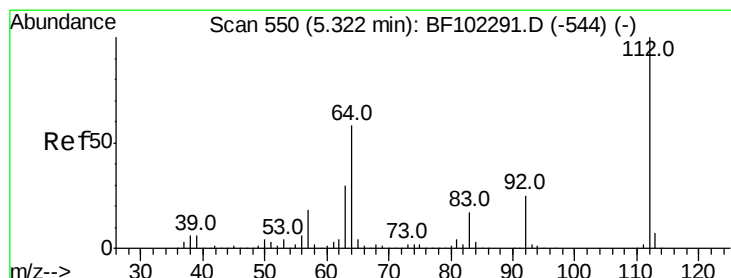
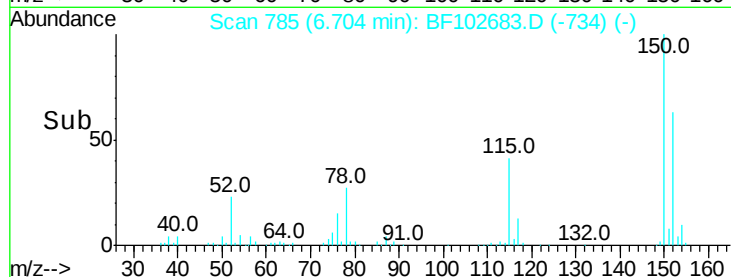
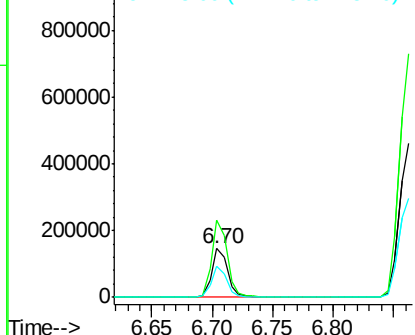
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF102683.D
 Acq: 1 Feb 2018 4:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 132663
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 65.0 50.1 75.1



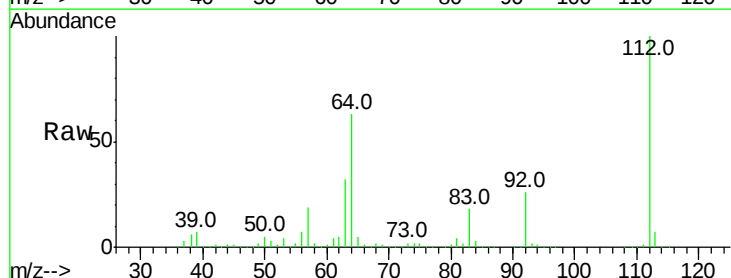
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



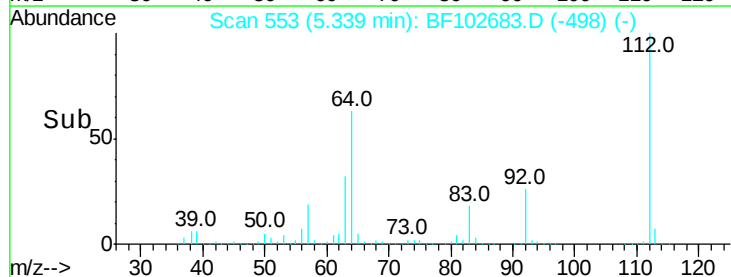
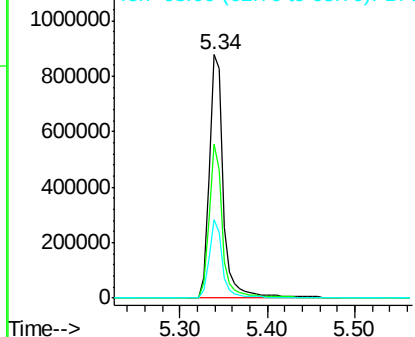
#5

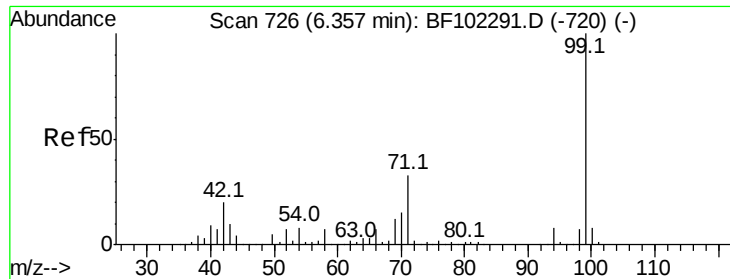
2-Fluorophenol
 Concen: 113.340 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102683.D
 Acq: 1 Feb 2018 4:11

Tgt Ion:112 Resp: 991648
 Ion Ratio Lower Upper
 112 100
 64 63.1 47.9 71.9
 63 32.1 23.7 35.5



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: 110.400 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102683.D

Acq: 1 Feb 2018 4:11

Instrument :

BNA_F

ClientSampled :

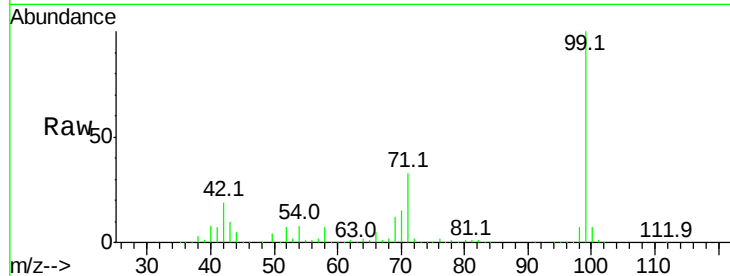
Tot Ion: 99 Resp: 1164519

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

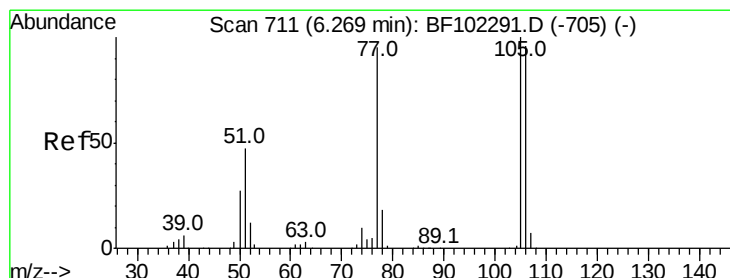
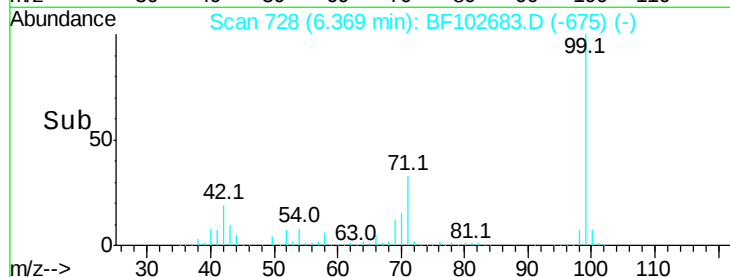
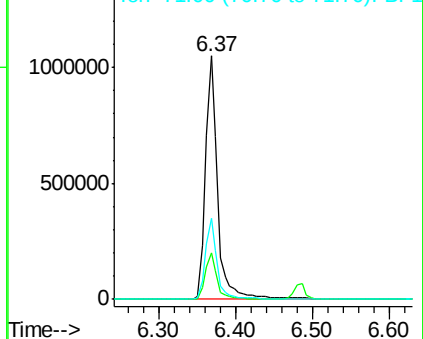
71 33.4 25.4 38.0



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: 2.813 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.23 min

Lab File: BF102683.D

Acq: 1 Feb 2018 4:11

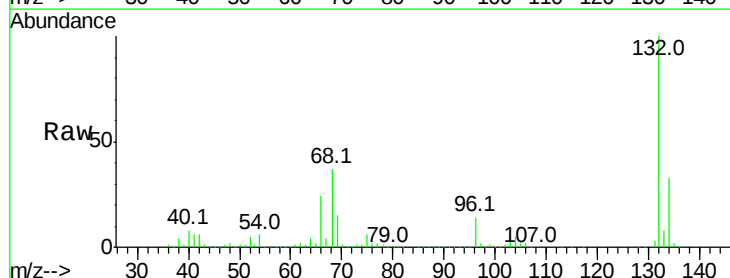
Tgt Ion: 77 Resp: 20584

Ion Ratio Lower Upper

77 100

105 88.4 81.1 121.1

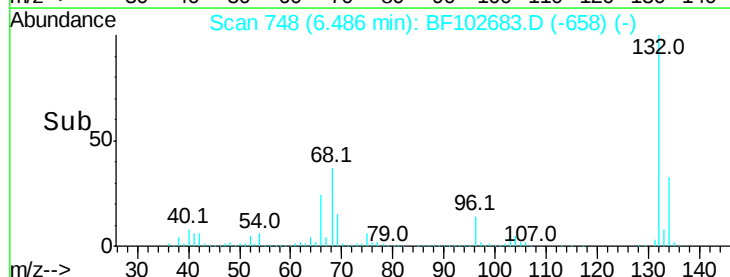
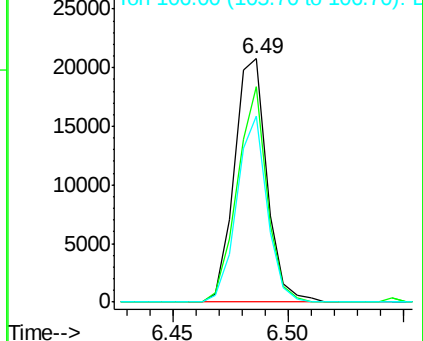
106 76.4 74.5 114.5

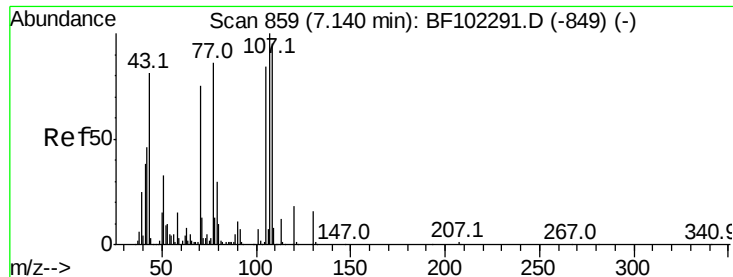


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

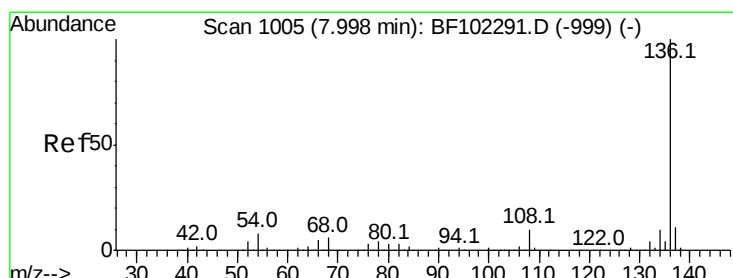
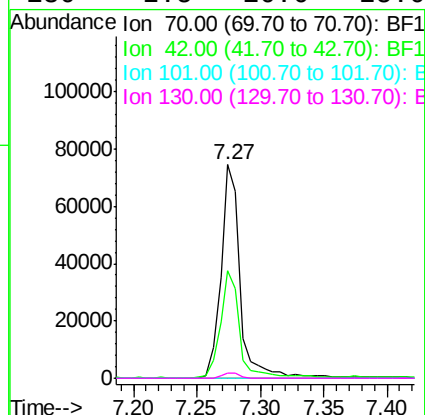
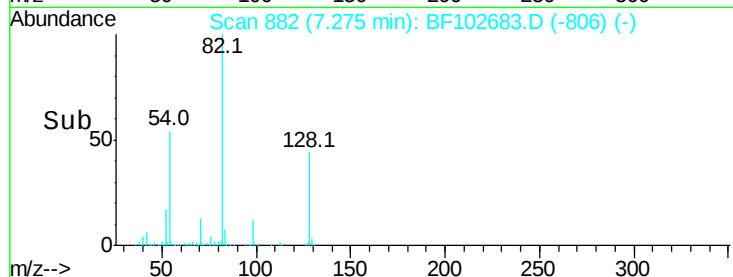
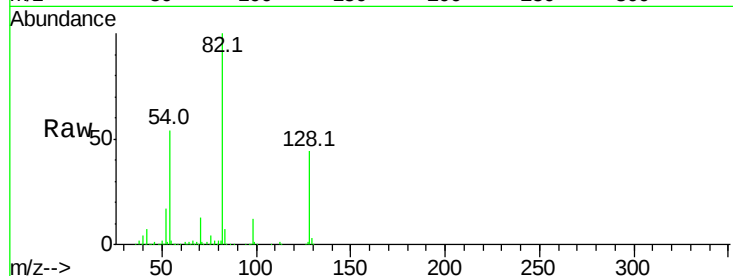




#19
n-Nitroso-di-n-propylamine
Concen: 12.285 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF102683.D
Acq: 1 Feb 2018 4:11

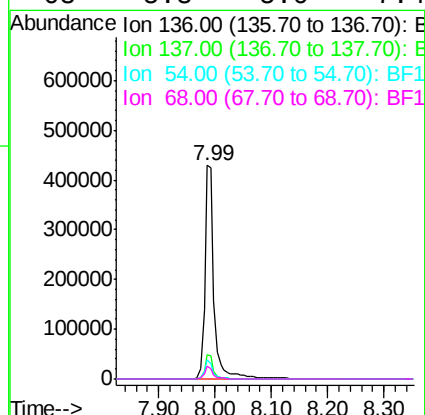
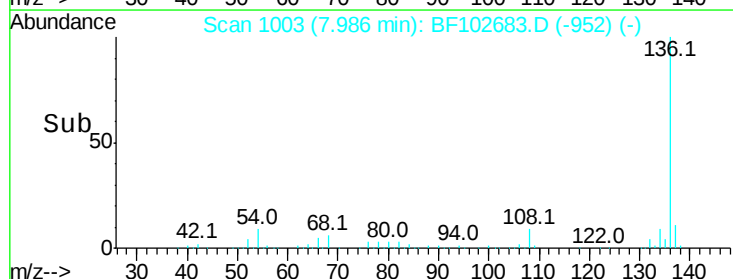
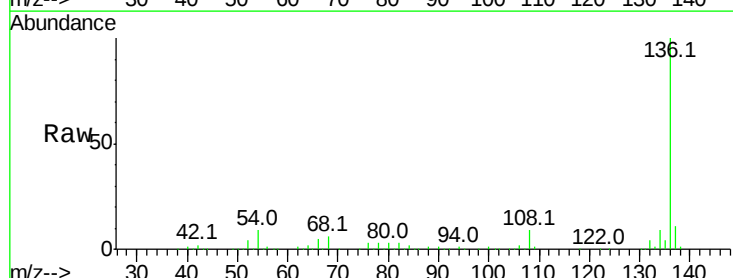
Instrument :
BNA_F
ClientSampleId :

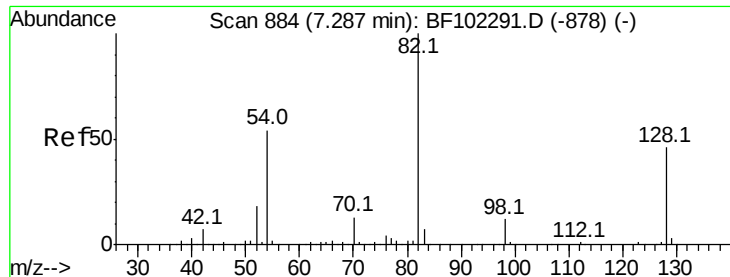
Tot Ion: 70 Resp: 79302
Ion Ratio Lower Upper
70 100
42 50.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF102683.D
Acq: 1 Feb 2018 4:11

Tgt Ion:136 Resp: 487864
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.1 6.6 9.8
68 5.8 5.0 7.4

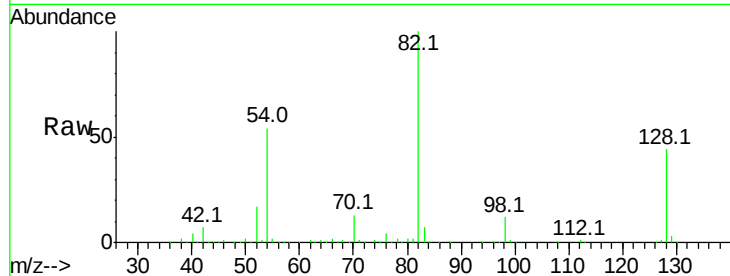




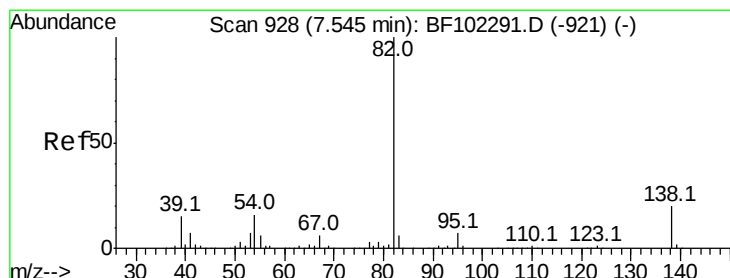
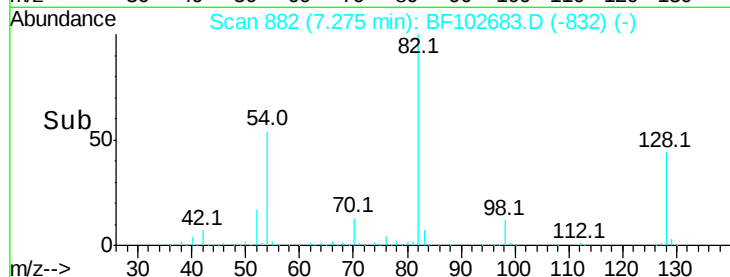
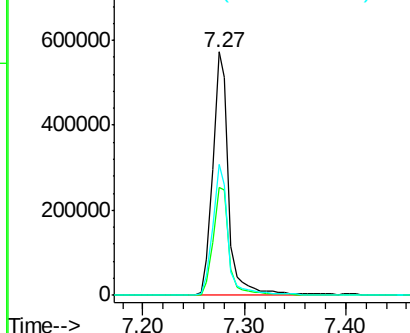
#23
Nitrobenzene-d5
Concen: 73.920 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102683.D
Acq: 1 Feb 2018 4:11

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 627539
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 54.0 41.4 62.2

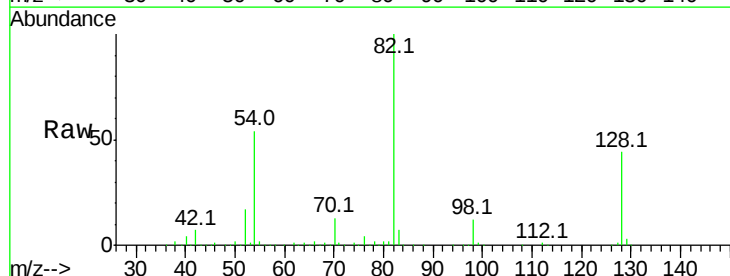


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

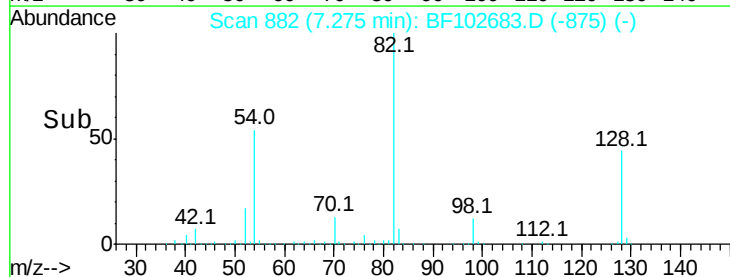
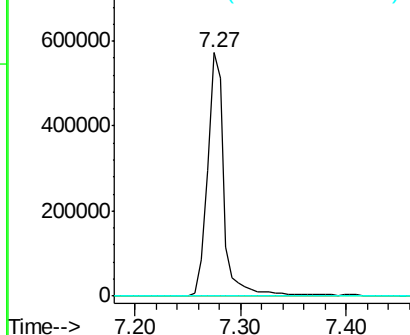


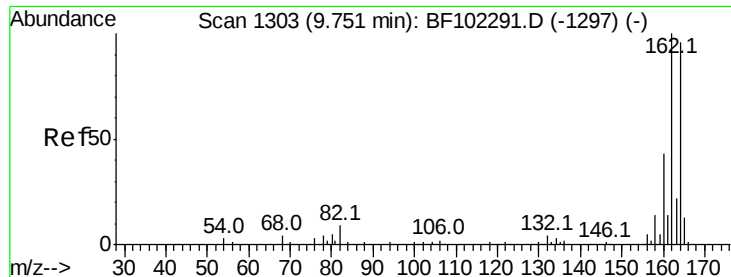
#25
Isophorone
Concen: 41.463 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF102683.D
Acq: 1 Feb 2018 4:11

Tgt Ion: 82 Resp: 627533
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

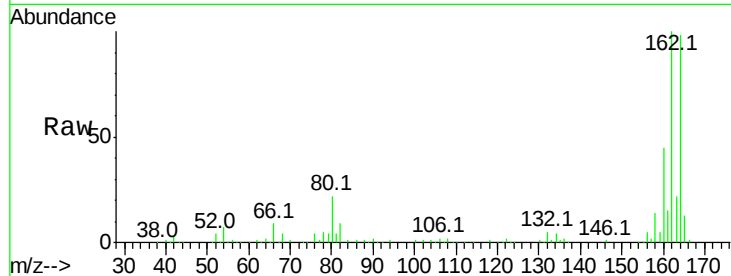




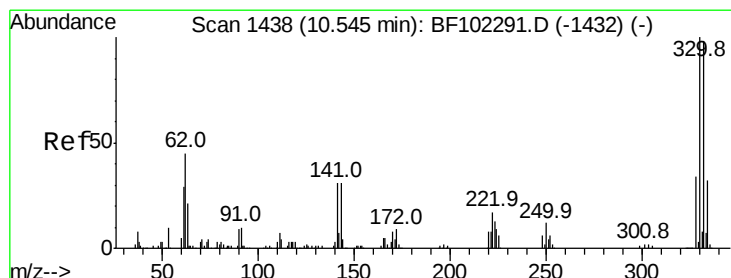
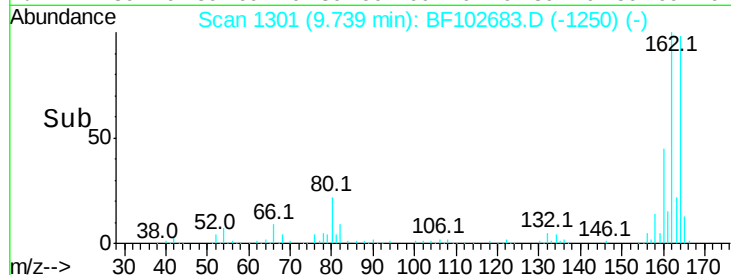
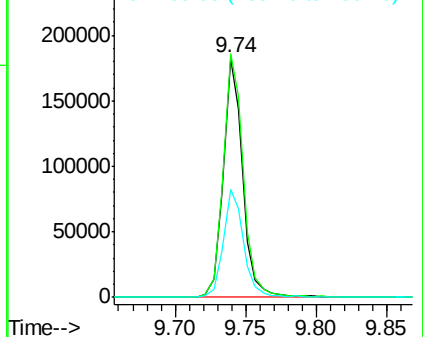
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF102683.D
Acq: 1 Feb 2018 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 173962
Ion Ratio Lower Upper
164 100
162 102.0 86.1 129.1
160 45.4 38.3 57.5

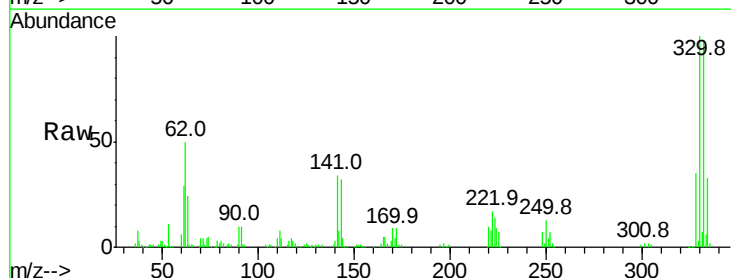


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

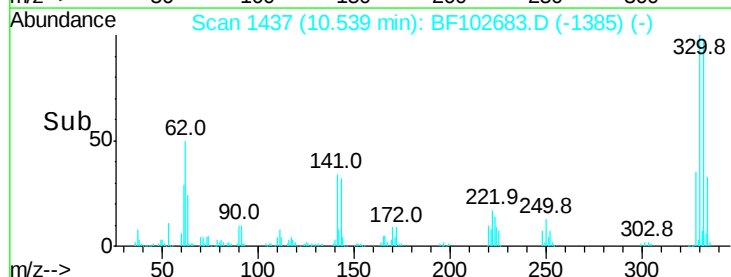
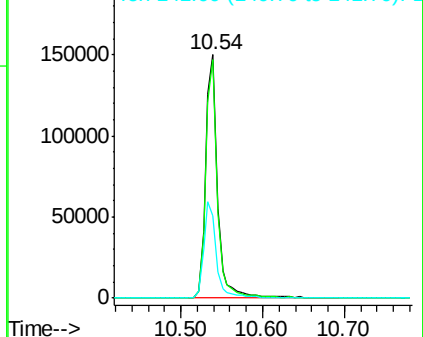


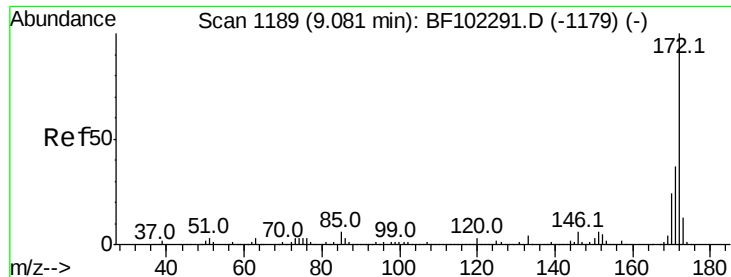
#41
2,4,6-Tribromophenol
Concen: 88.667 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF102683.D
Acq: 1 Feb 2018 4:11

Tgt Ion:330 Resp: 152836
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 41.7 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



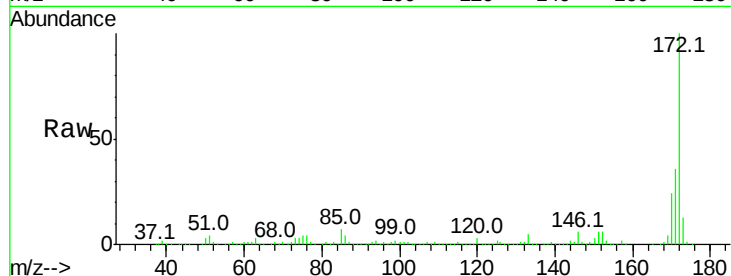


#44
 2-Fluorobiphenyl
 Concen: 85.306 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF102683.D
 Acq: 1 Feb 2018 4:11

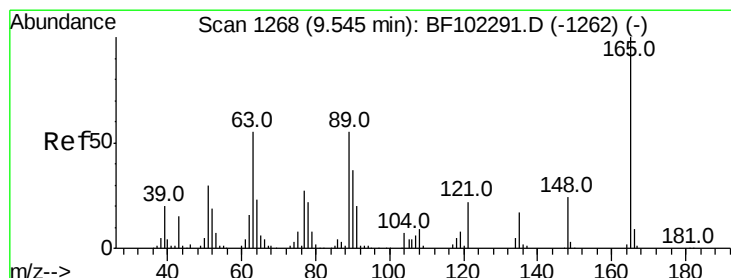
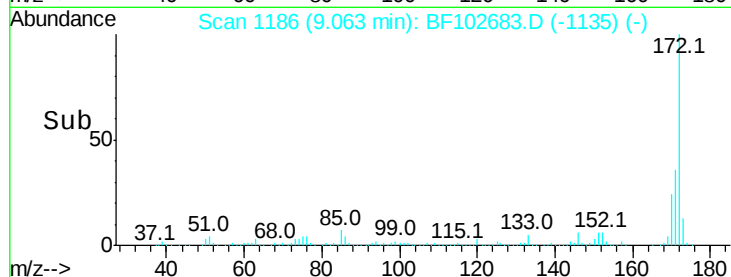
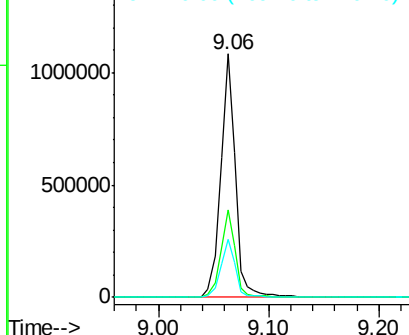
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1009278

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4



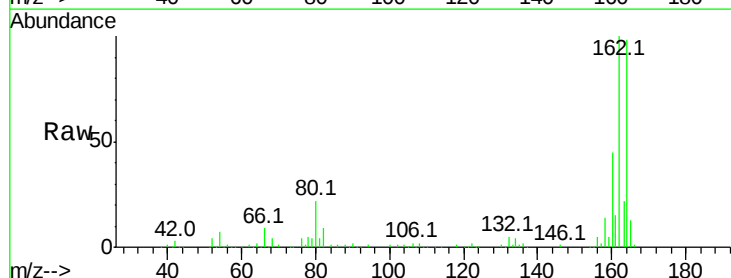
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



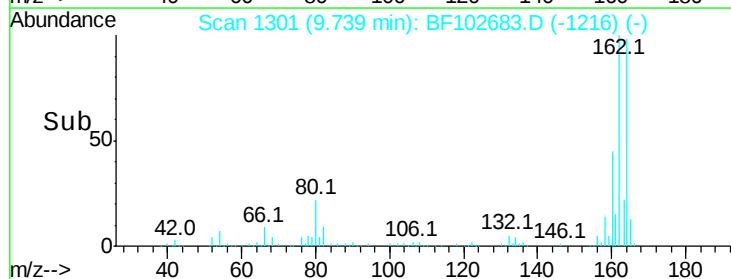
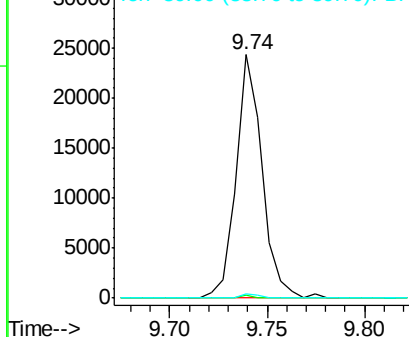
#50
 2,6-Dinitrotoluene
 Concen: 7.229 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.20 min
 Lab File: BF102683.D
 Acq: 1 Feb 2018 4:11

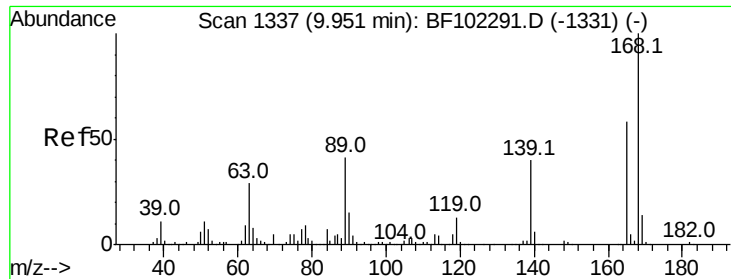
Tgt Ion:165 Resp: 22411

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.7	44.0	66.0#



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

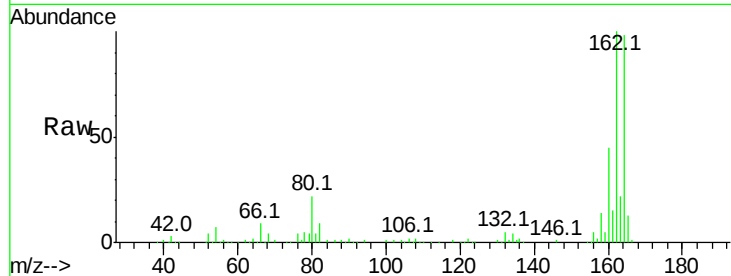




#56
 2,4-Dinitrotoluene
 Concen: 5.879 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF102683.D
 Acq: 1 Feb 2018 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

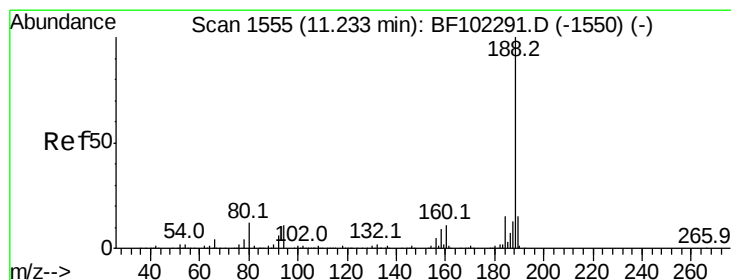
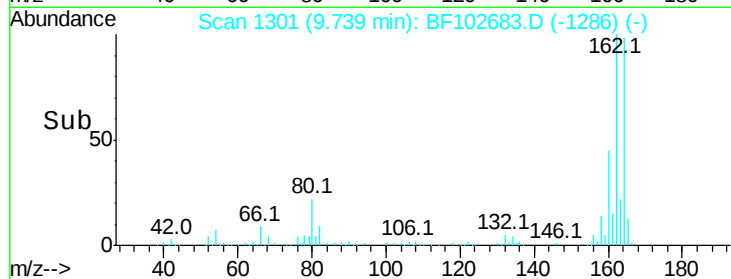
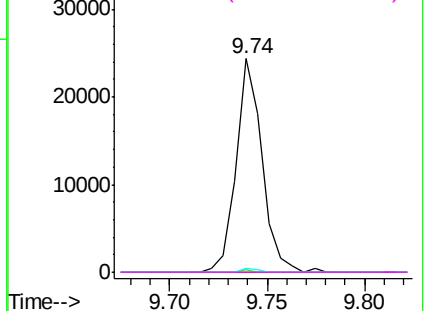


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

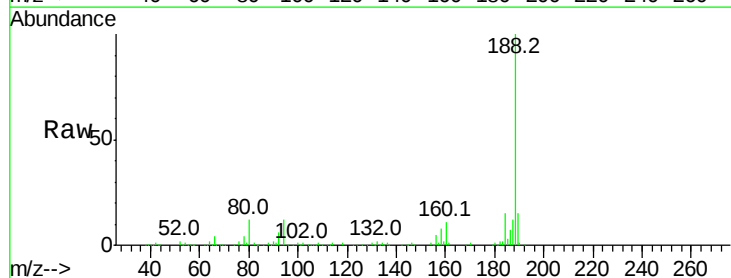
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF102683.D
 Acq: 1 Feb 2018 4:11

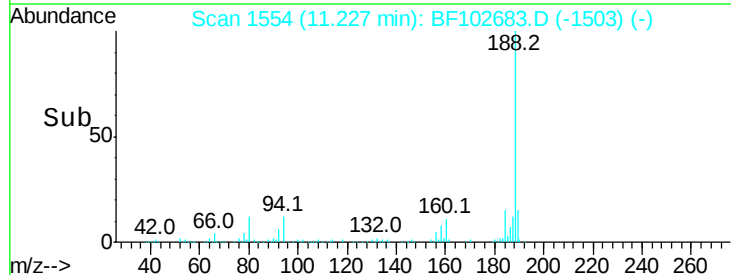
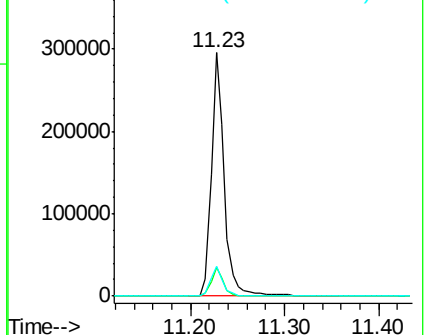
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.1	9.2	13.8

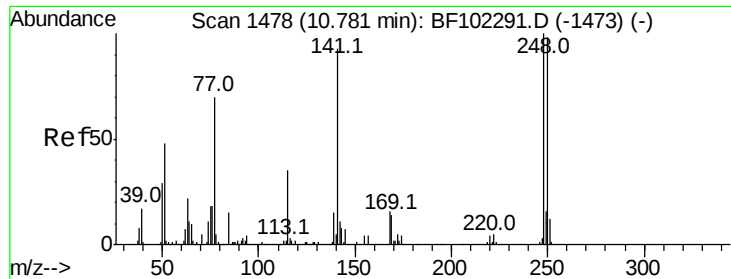


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

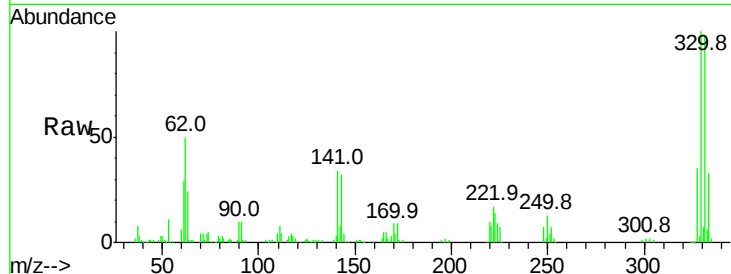




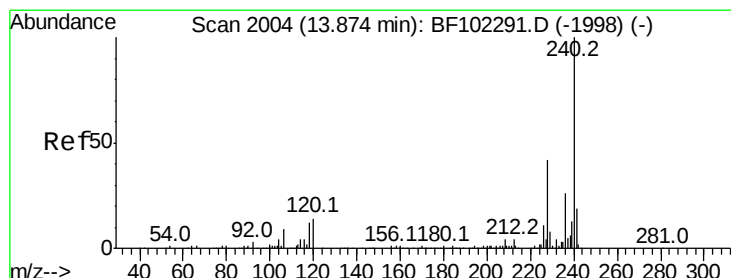
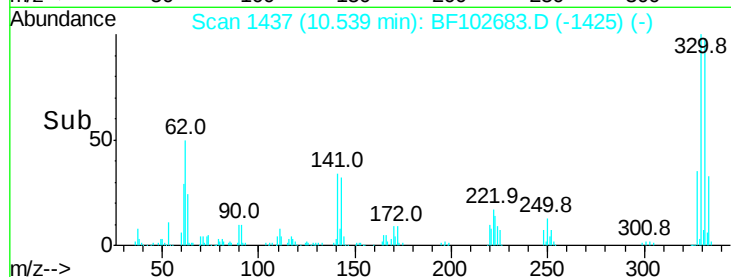
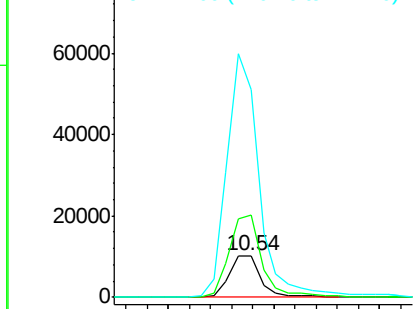
#66
4-Bromophenyl-phenylether
Concen: 3.410 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.23 min
Lab File: BF102683.D
Acq: 1 Feb 2018 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10573
Ion Ratio Lower Upper
248 100
250 197.5 76.9 115.3#
141 500.0 74.4 111.6#

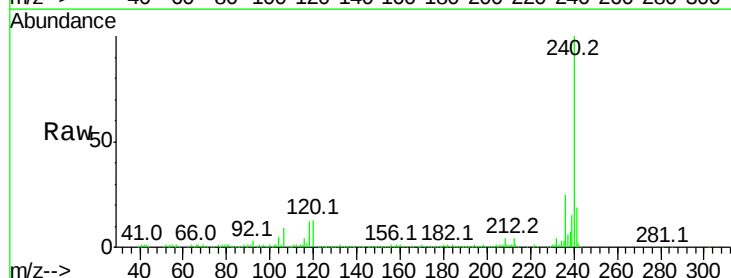


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

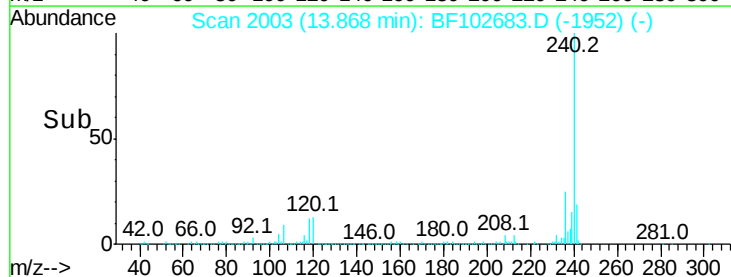
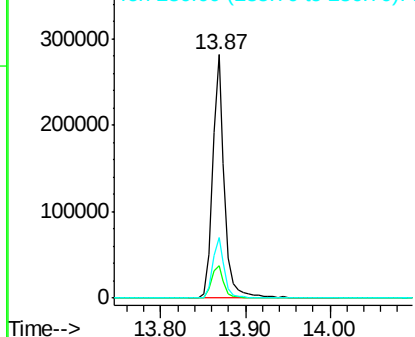


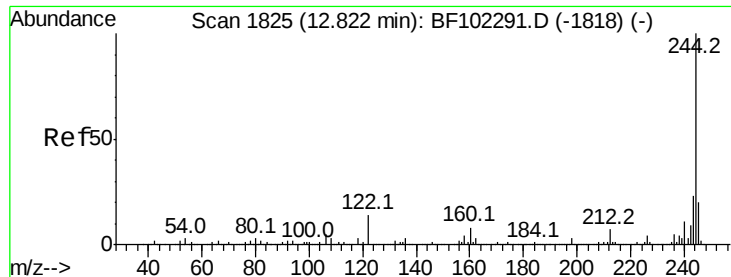
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102683.D
Acq: 1 Feb 2018 4:11

Tgt Ion:240 Resp: 277640
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 25.0 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

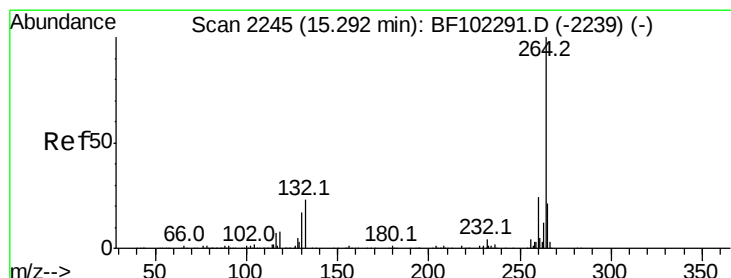
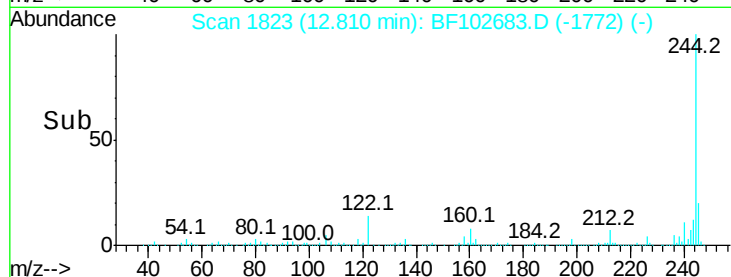
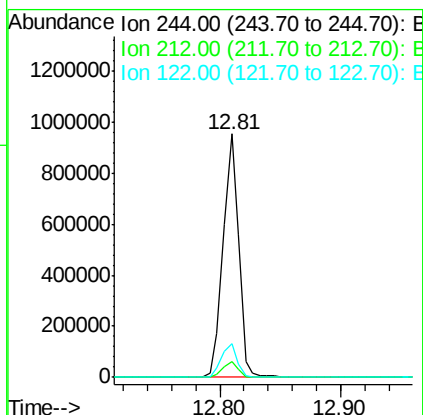
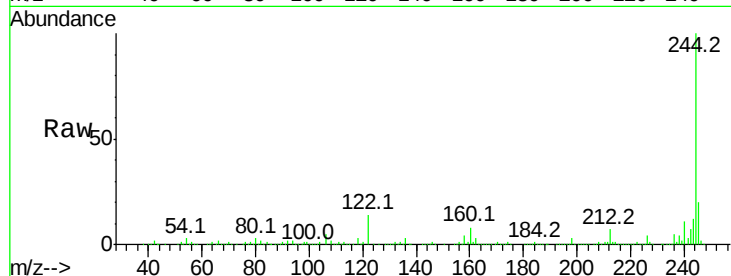




#78
 Terphenyl-d14
 Concen: 69.171 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF102683.D
 Acq: 1 Feb 2018 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 851884
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 14.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102683.D
 Acq: 1 Feb 2018 4:11

Tgt Ion:264 Resp: 193599
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.9 17.5 26.3

