

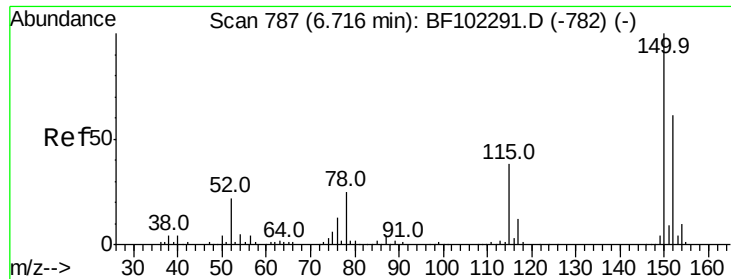
Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102635.D
 Acq On : 30 Jan 2018 13:21
 Operator : SJ/JU
 Sample : PB103136TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:15:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	138703	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	578447	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	267830	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	477197	20.00	ng	0.00
75) Chrysene-d12	13.87	240	412505	20.00	ng	0.00
86) Perylene-d12	15.30	264	341024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	975760	106.67	ng	0.01
7) Phenol-d6	6.36	99	1189822	107.89	ng	0.00
23) Nitrobenzene-d5	7.28	82	747445	74.26	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	250887	94.54	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1345123	73.85	ng	0.00
78) Terphenyl-d14	12.82	244	1287755	70.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	94201	13.958	ng	# 77
25) Isophorone	7.28	82	747440	41.652	ng	# 64
49) Dimethylphthalate	9.75	163	65217	2.946	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	32477	6.804	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	32477	5.533	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	16707	3.252	ng	# 1

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

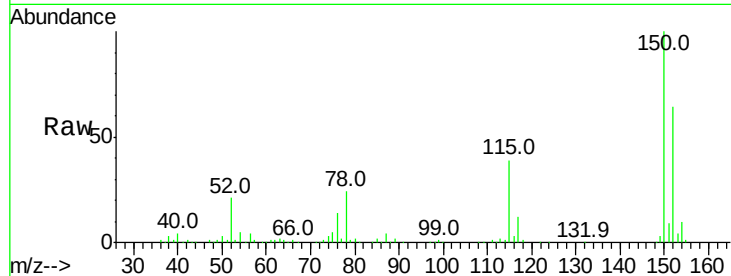


#1

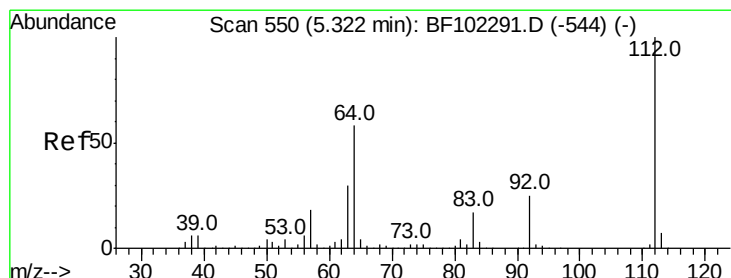
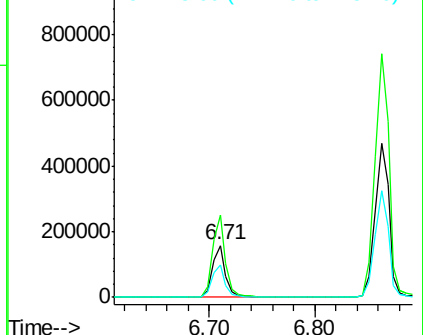
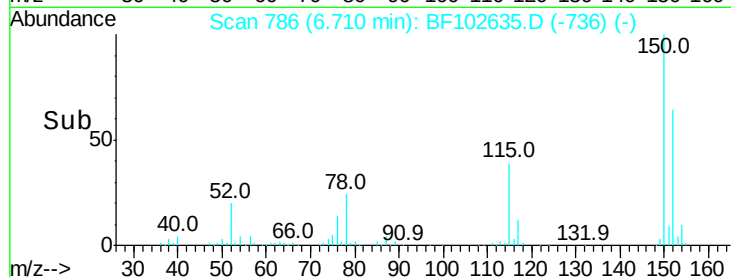
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 138703
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 61.5 50.1 75.1



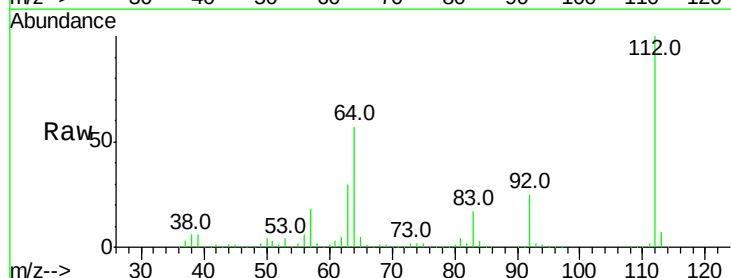
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



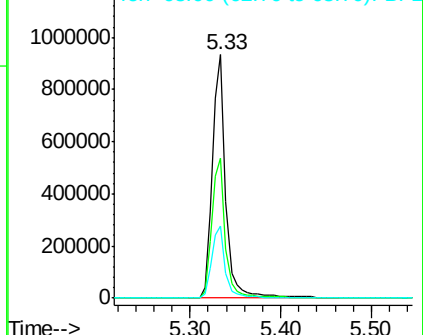
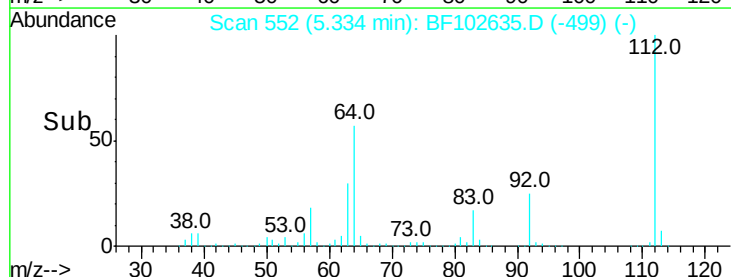
#5

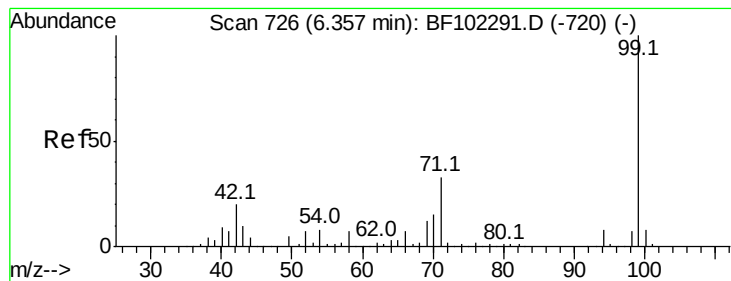
2-Fluorophenol
 Concen: 106.667 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

Tgt Ion:112 Resp: 975760
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.9 71.9
 63 29.8 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: 107.887 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102635.D

Acq: 30 Jan 2018 13:21

Instrument :

BNA_F

ClientSampleId :

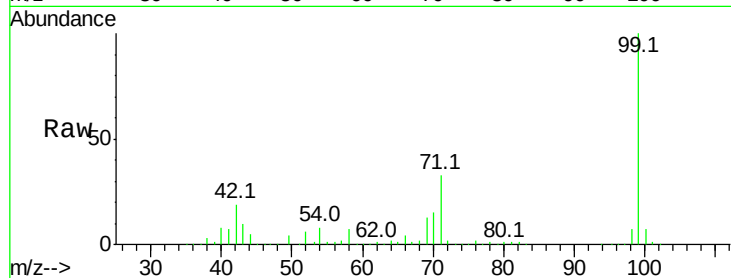
Tot Ion: 99 Resp: 1189822

Ion Ratio Lower Upper

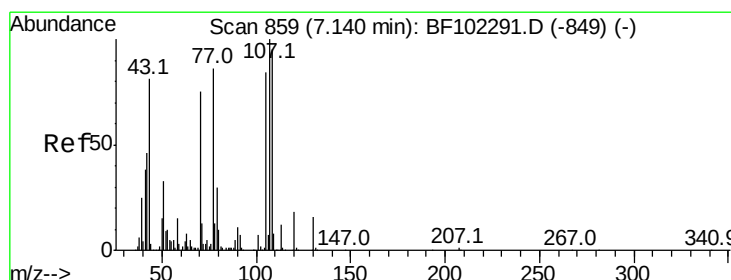
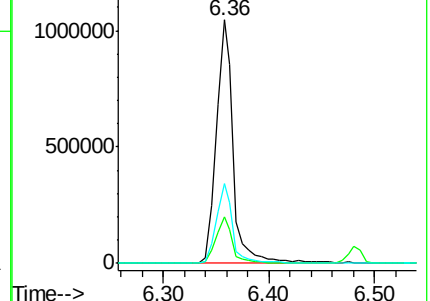
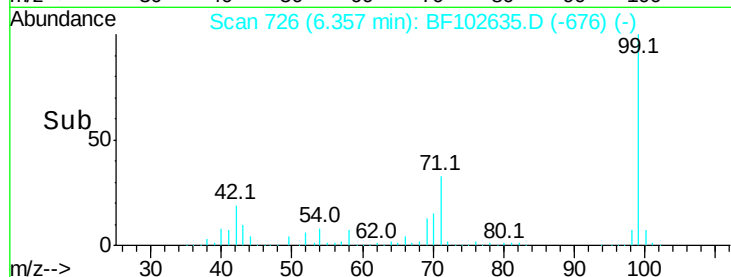
99 100

42 19.3 14.5 21.7

71 32.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.958 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102635.D

Acq: 30 Jan 2018 13:21

Tgt Ion: 70 Resp: 94201

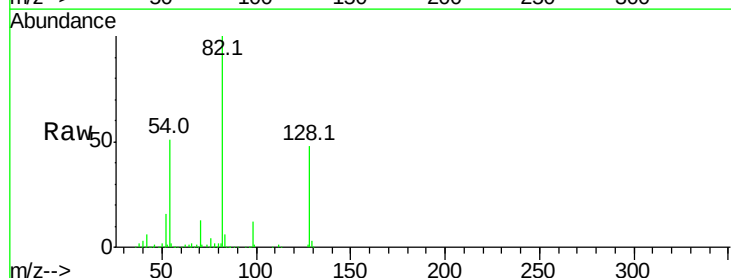
Ion Ratio Lower Upper

70 100

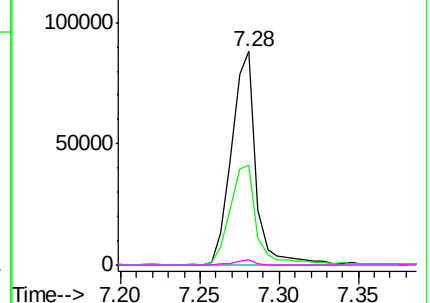
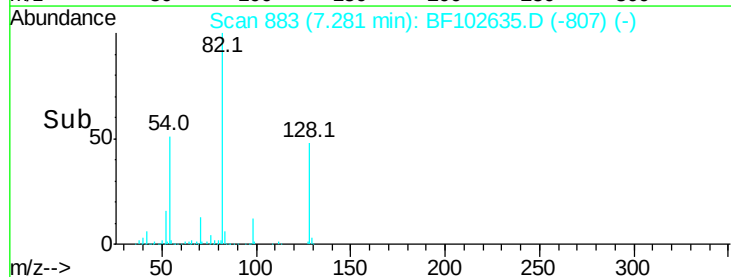
42 46.9 47.5 71.3#

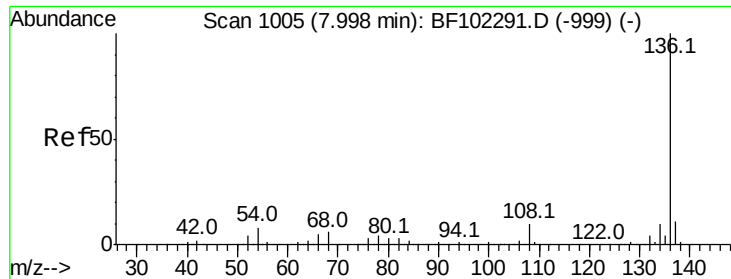
101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



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

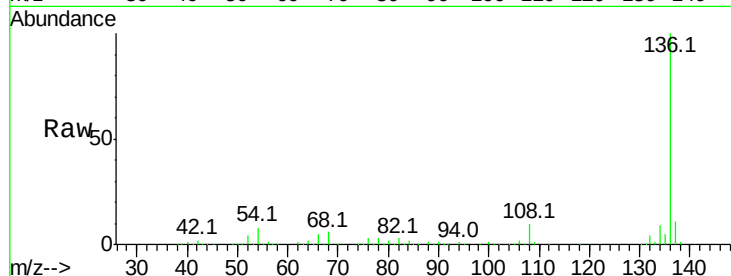




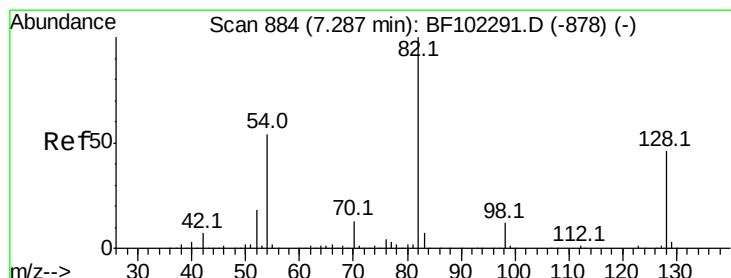
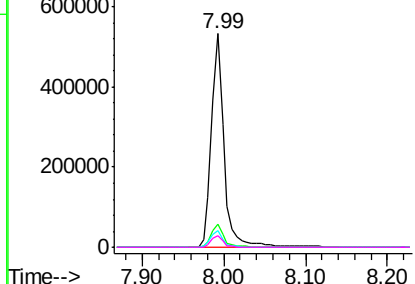
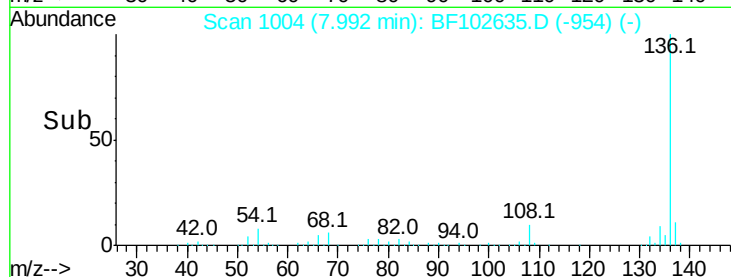
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102635.D
Acq: 30 Jan 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	578447
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	5.6	5.0	7.4

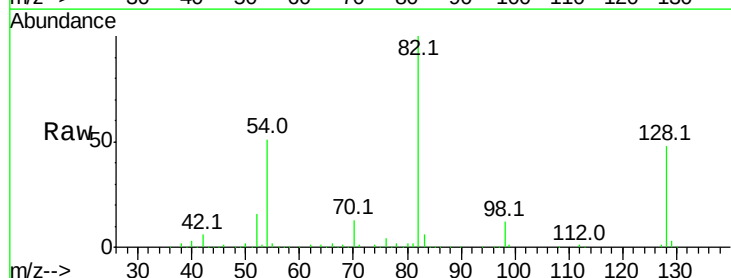


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

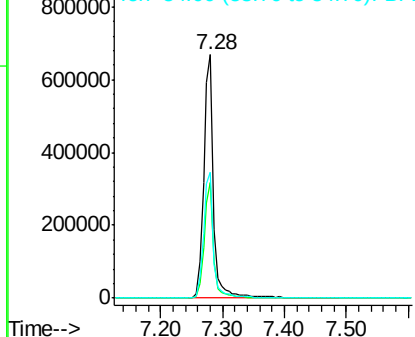
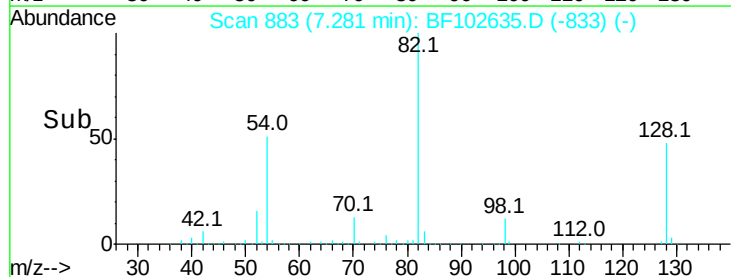


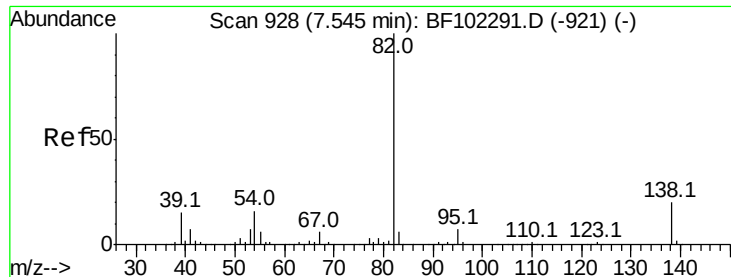
#23
Nitrobenzene-d5
Concen: 74.256 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102635.D
Acq: 30 Jan 2018 13:21

Tgt Ion:	82	Resp:	747445
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	51.4	41.4	62.2



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





#25

Isophorone

Concen: 41.652 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102635.D

Acq: 30 Jan 2018 13:21

Instrument :

BNA_F

ClientSampled :

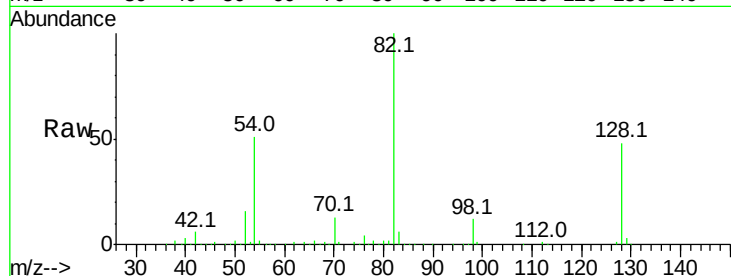
Tot Ion: 82 Resp: 747440

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

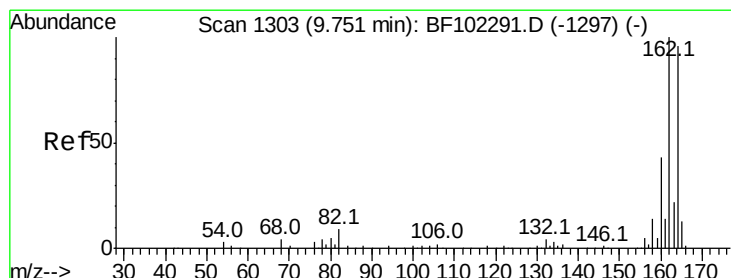
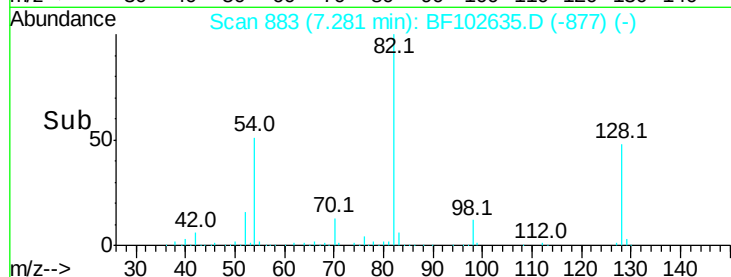
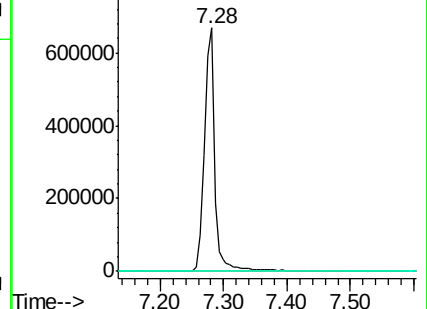
138 0.0 14.9 22.3#



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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102635.D

Acq: 30 Jan 2018 13:21

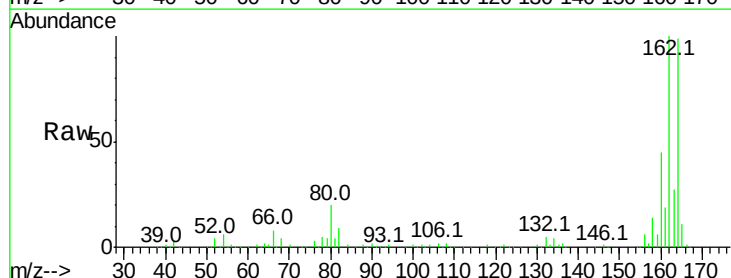
Tgt Ion:164 Resp: 267830

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

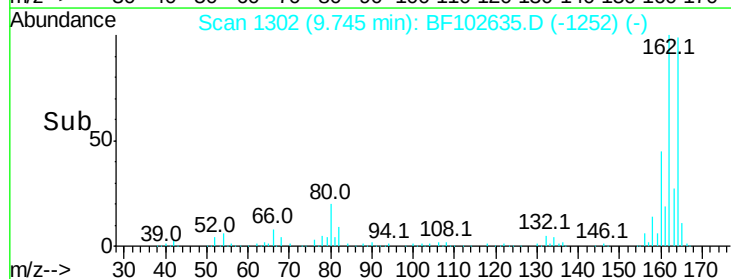
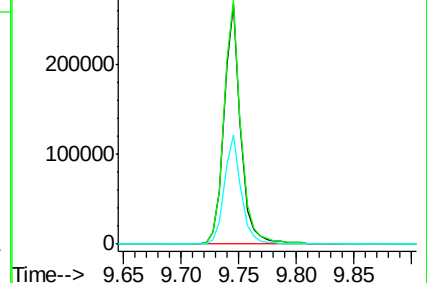
160 45.4 38.3 57.5

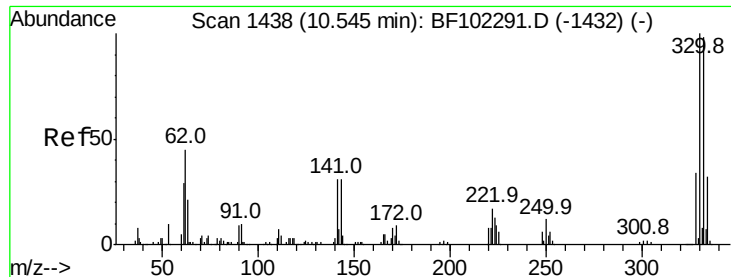


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

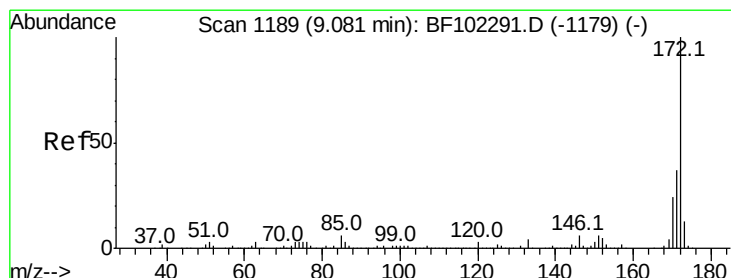
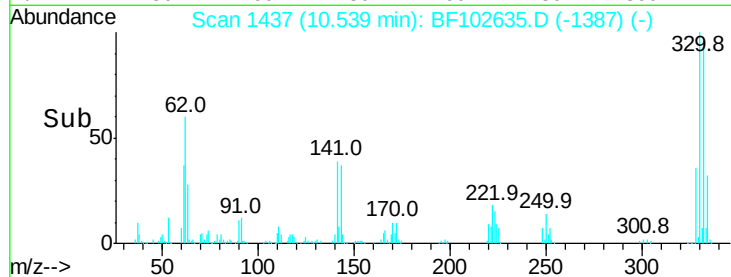
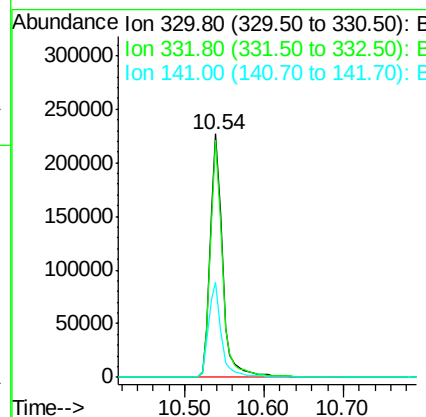
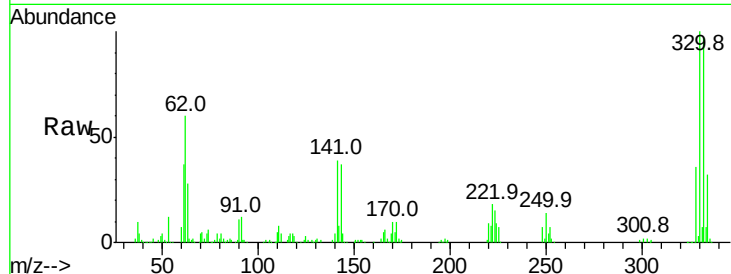




#41
 2,4,6-Tribromophenol
 Concen: 94.538 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

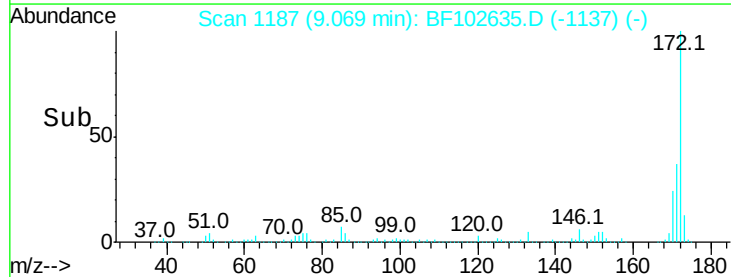
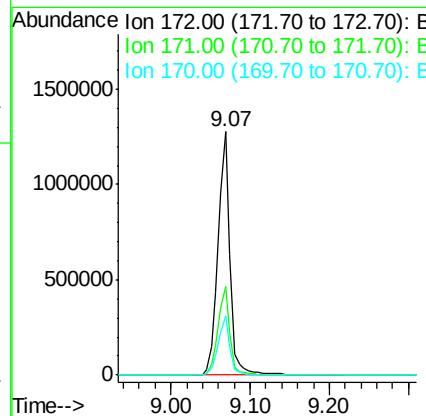
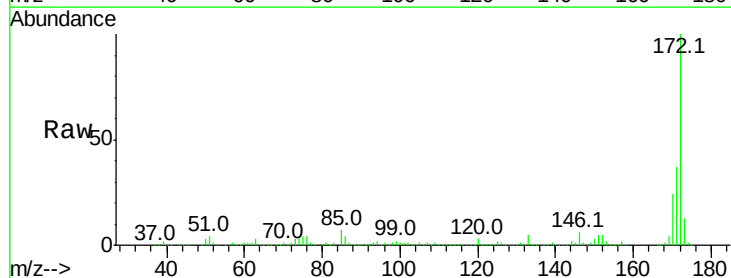
Instrument :
 BNA_F
 ClientSampleId :

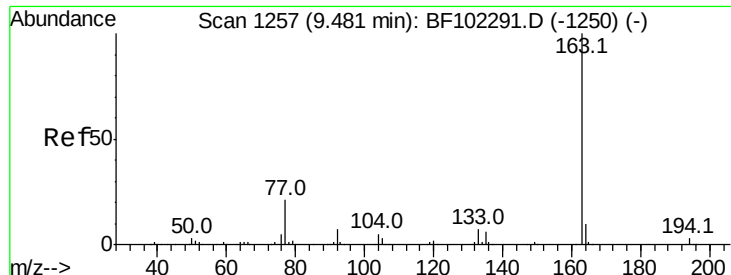
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	40.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 73.846 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4





#49

Dimethylphthalate

Concen: 2.946 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.26 min

Lab File: BF102635.D

Acq: 30 Jan 2018 13:21

Instrument :

BNA_F

ClientSampleId :

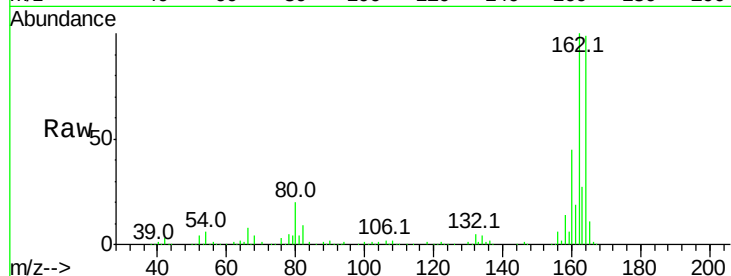
Tot Ion:163 Resp: 65217

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

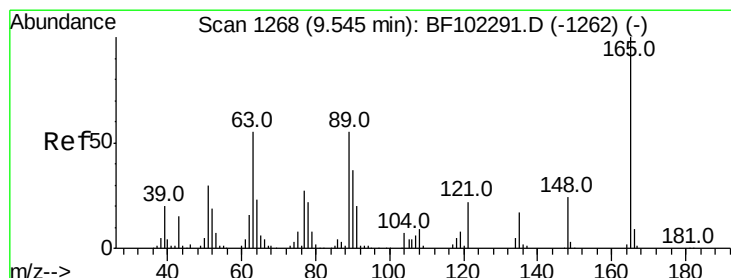
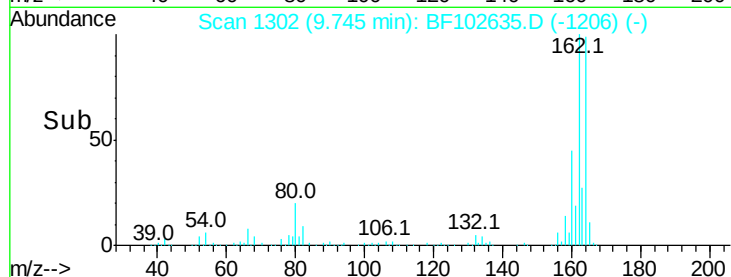
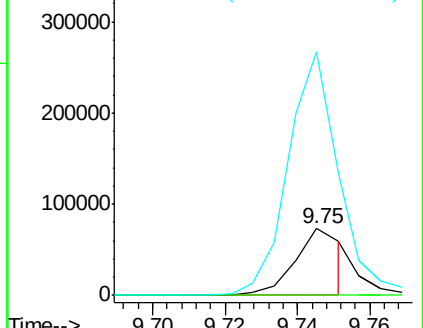
164 365.9 8.2 12.2#



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



#50

2,6-Dinitrotoluene

Concen: 6.804 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.19 min

Lab File: BF102635.D

Acq: 30 Jan 2018 13:21

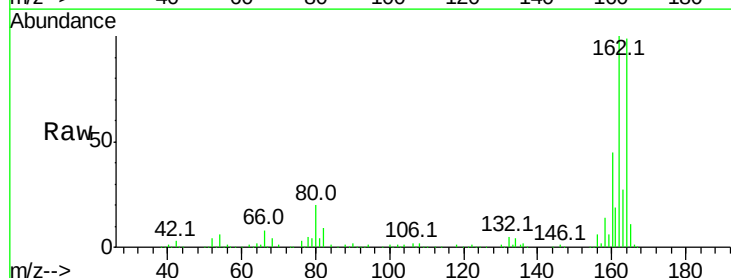
Tgt Ion:165 Resp: 32477

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

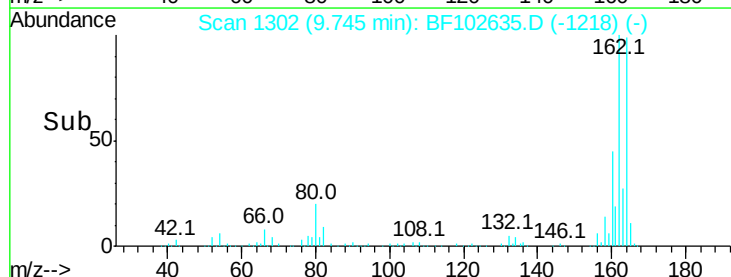
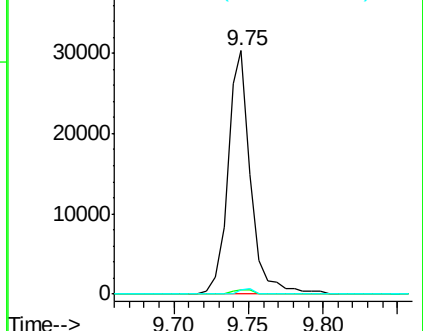
89 2.0 44.0 66.0#

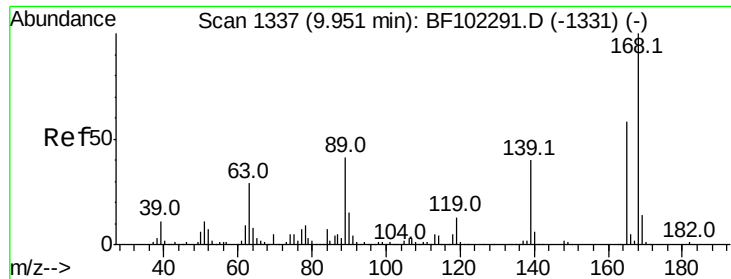


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

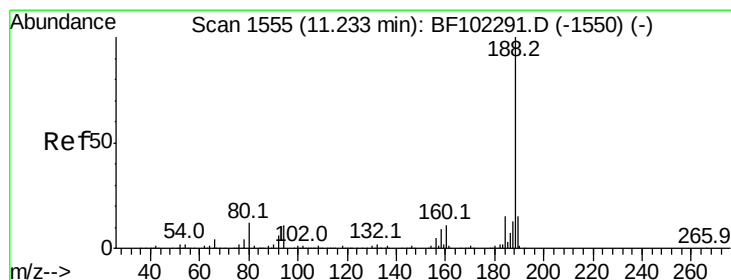
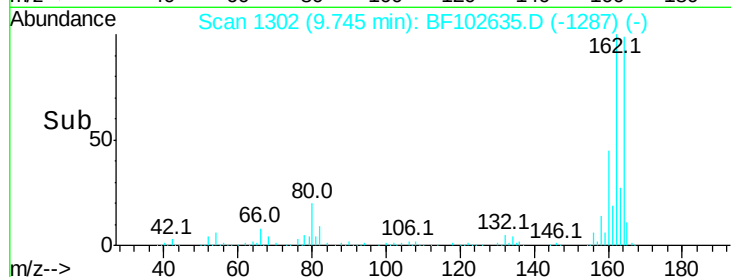
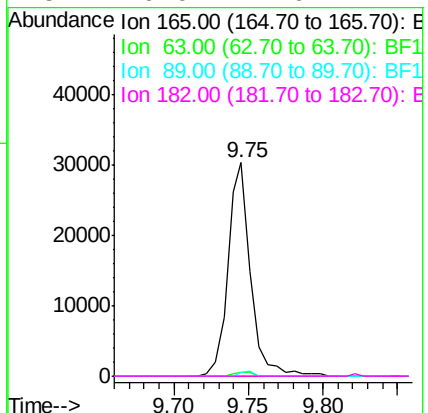
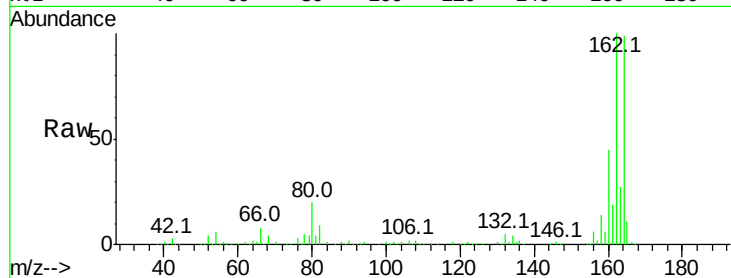




#56
 2,4-Dinitrotoluene
 Concen: 5.533 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

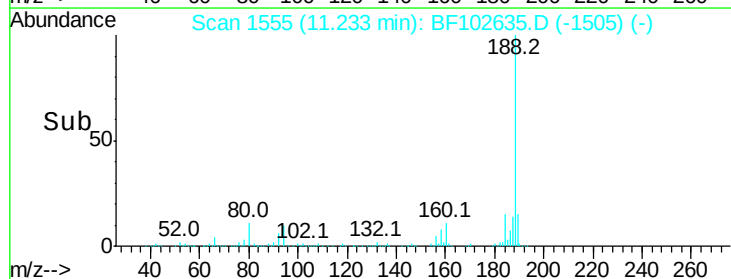
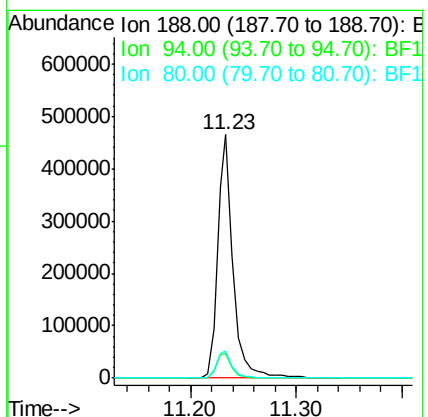
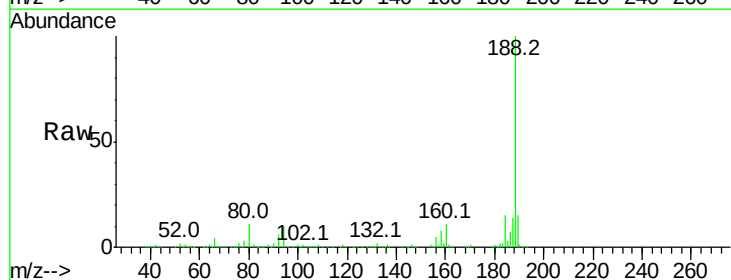
Instrument :
 BNA_F
 ClientSampleId :

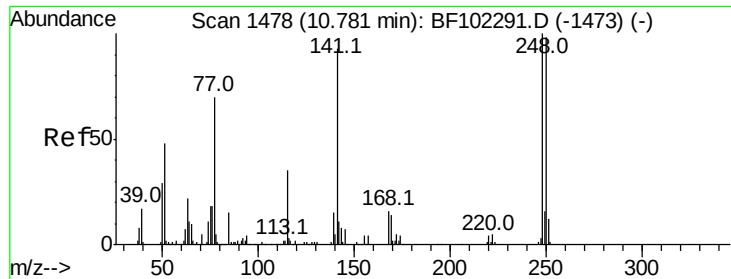
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.0	9.2	13.8

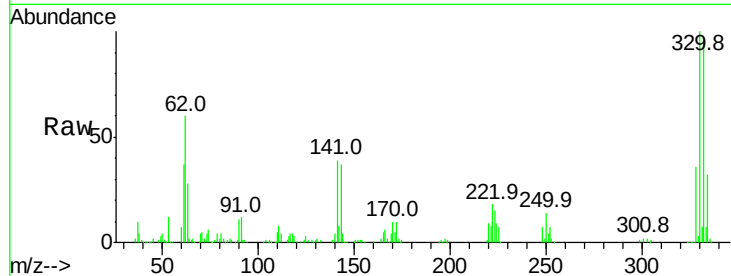




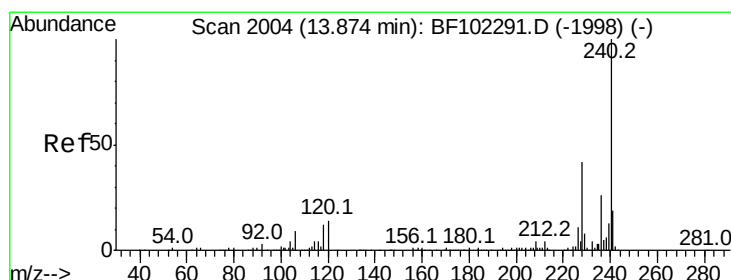
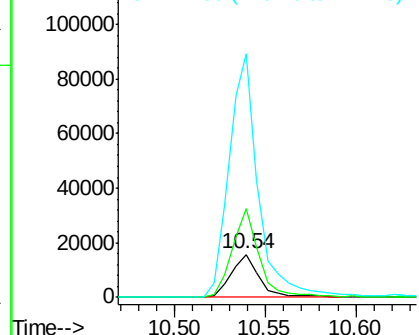
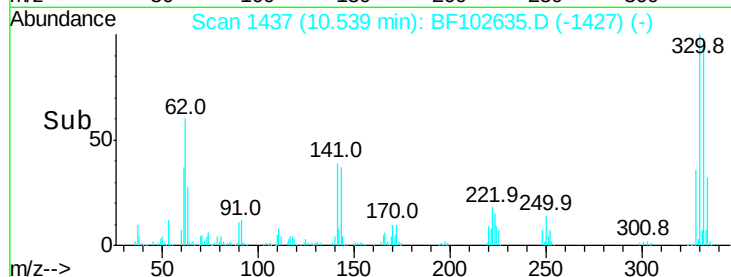
#66
 4-Bromophenyl-phenylether
 Concen: 3.252 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16707
 Ion Ratio Lower Upper
 248 100
 250 207.8 76.9 115.3#
 141 569.4 74.4 111.6#

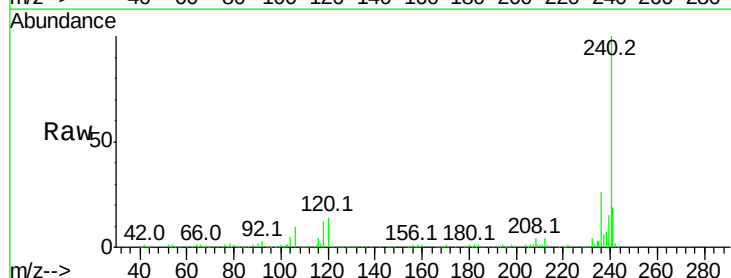


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

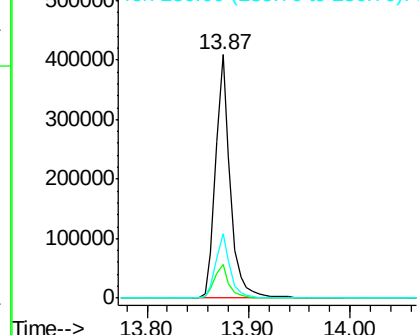
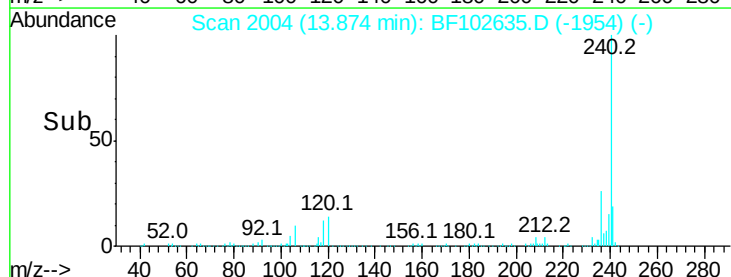


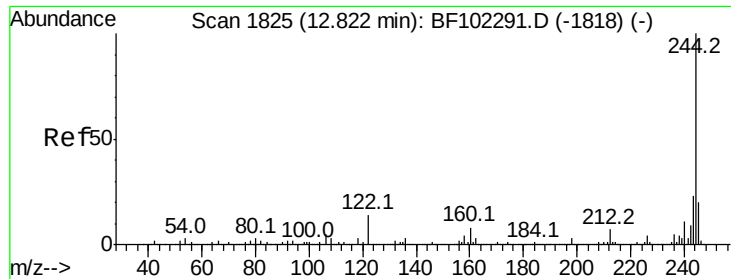
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

Tgt Ion:240 Resp: 412505
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 26.2 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

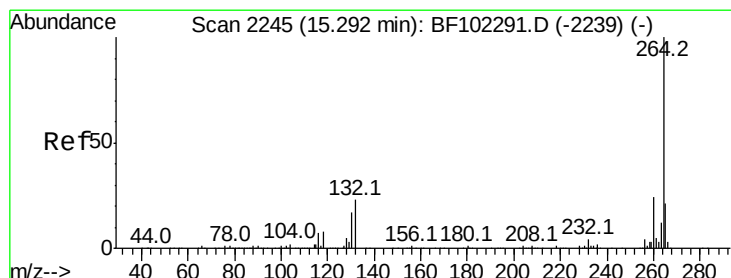
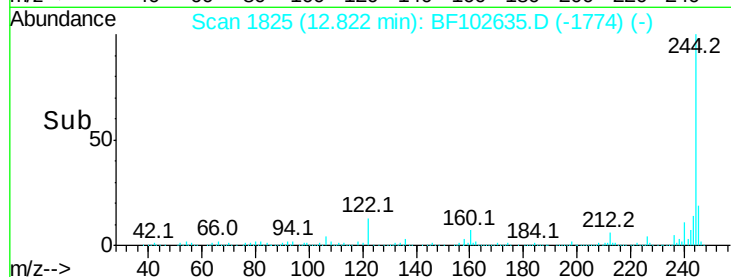
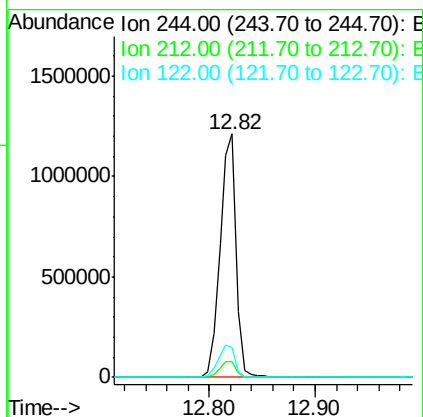
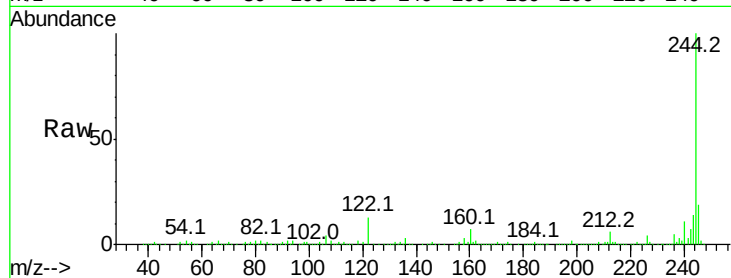




#78
 Terphenyl-d14
 Concen: 70.376 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1287755
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

Tgt Ion:264 Resp: 341024
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.6 17.5 26.3

