

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
 Data File : BF108625.D
 Acq On : 30 Aug 2018 1:38
 Operator : JU/SJ
 Sample : J4683-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082718-TIPC-F-D-S

Quant Time: Aug 30 02:35:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

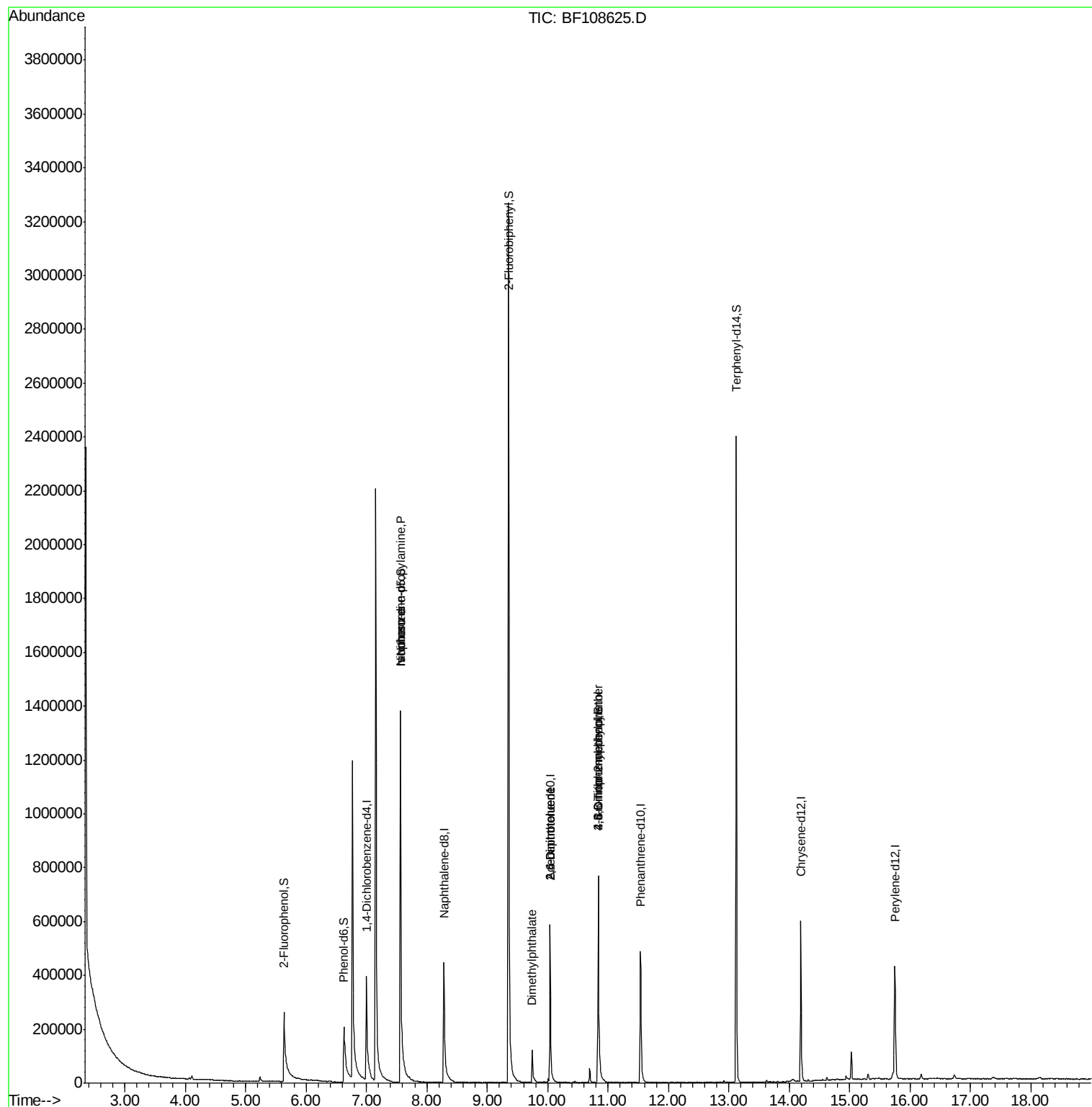
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	102942	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	370620	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	153349	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	257981	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	252714	20.00	ng	-0.01
86) Perylene-d12	15.75	264	250258	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	193884	34.10	ng	0.00
7) Phenol-d6	6.62	99	198226	26.23	ng	0.00
23) Nitrobenzene-d5	7.57	82	699437	105.31	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	136948	89.53	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1212183	126.91	ng	-0.01
78) Terphenyl-d14	13.12	244	952612	95.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	89540	17.524	ng	# 83
25) Isophorone	7.57	82	699437	55.250	ng	# 64
49) Dimethylphthalate	9.74	163	80850	7.569	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	19110	8.551	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	19356	6.728	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.84	198	120	5.469	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	8557	3.052	ng	# 1

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

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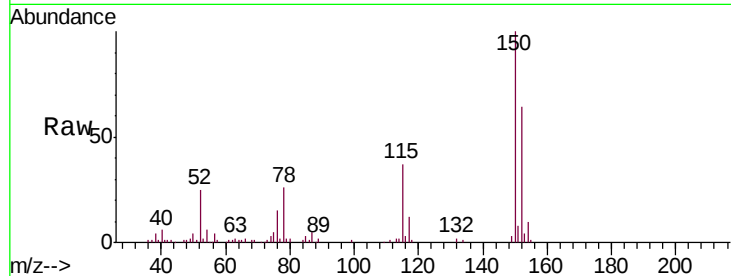


#1

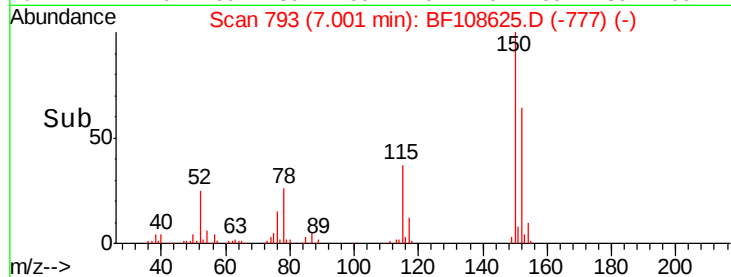
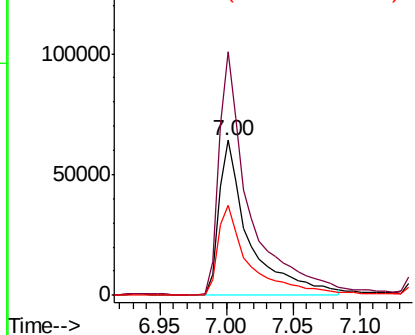
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108625.D
Acq: 30 Aug 2018 1:38

Instrument :
BNA_F
ClientSampleId :
082718-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	58.0	50.1	75.1



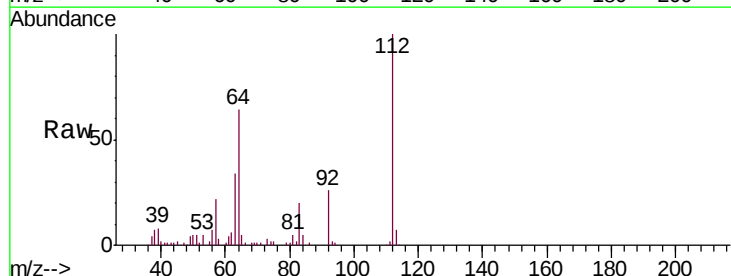
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



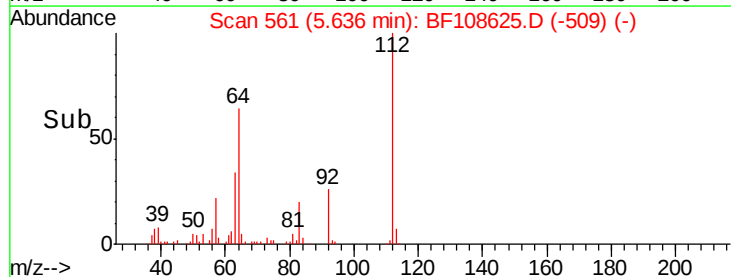
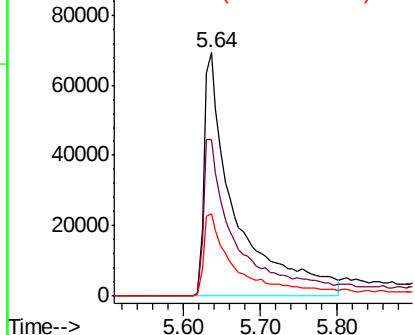
#5

2-Fluorophenol
Concen: 34.099 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108625.D
Acq: 30 Aug 2018 1:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	34.0	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: 26.235 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108625.D

Acq: 30 Aug 2018 1:38

Instrument :

BNA_F

ClientSampleId :

082718-TIPC-F-D-S

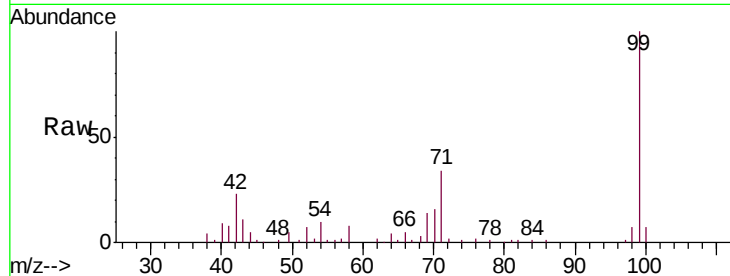
Tgt Ion: 99 Resp: 198226

Ion Ratio Lower Upper

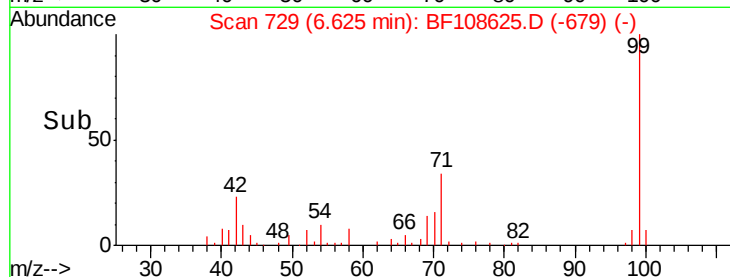
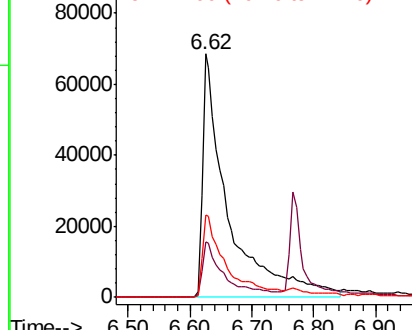
99 100

42 22.6 14.5 21.7#

71 34.0 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: 17.524 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108625.D

Acq: 30 Aug 2018 1:38

Tgt Ion: 70 Resp: 89540

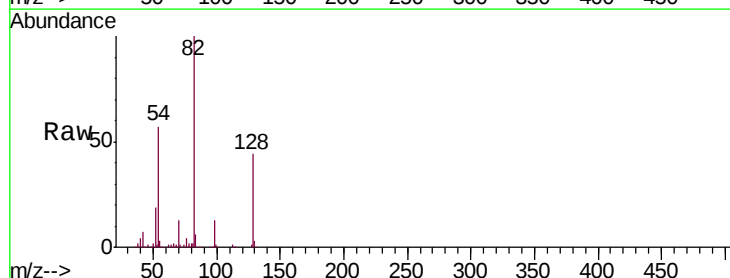
Ion Ratio Lower Upper

70 100

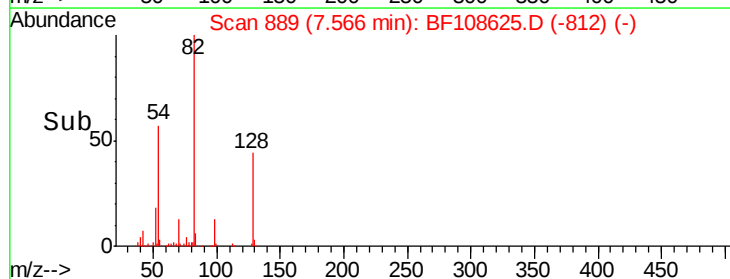
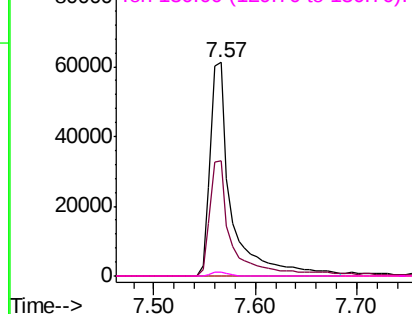
42 54.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108625.D

Acq: 30 Aug 2018 1:38

Instrument :

BNA_F

ClientSampleId :

082718-TIPC-F-D-S

Tgt Ion: 136 Resp: 370620

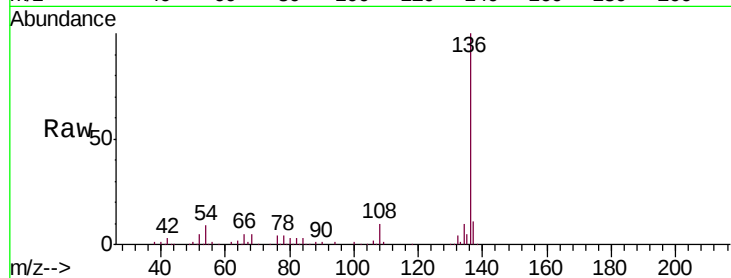
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.8 6.6 9.8

68 5.5 5.0 7.4

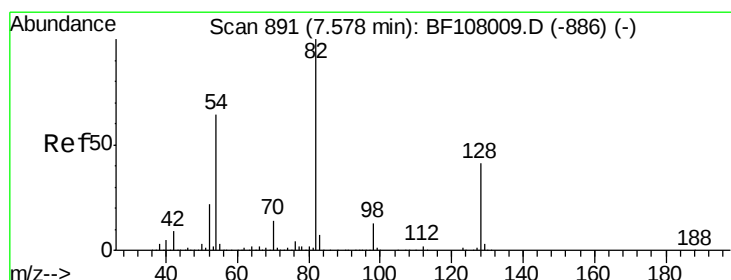
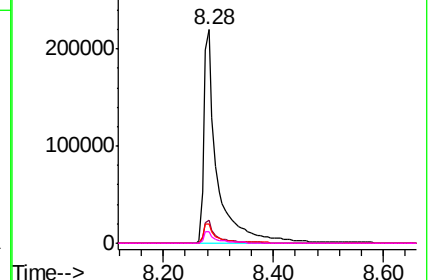
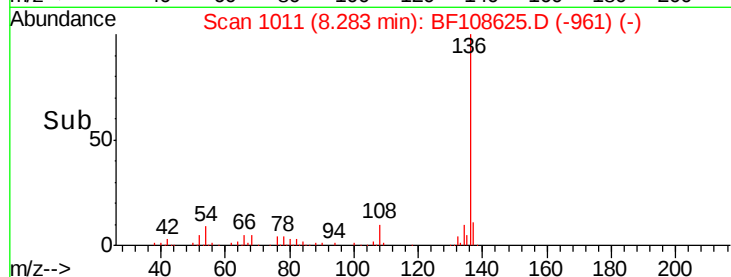


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.309 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108625.D

Acq: 30 Aug 2018 1:38

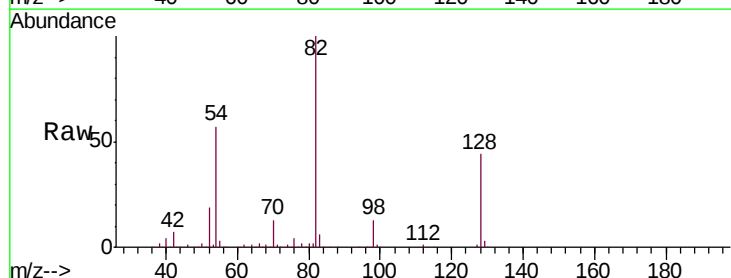
Tgt Ion: 82 Resp: 699437

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

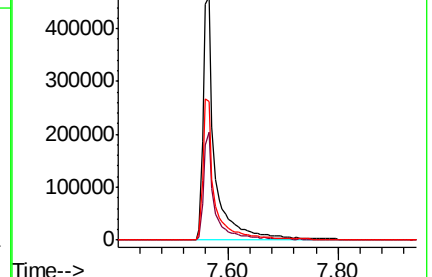
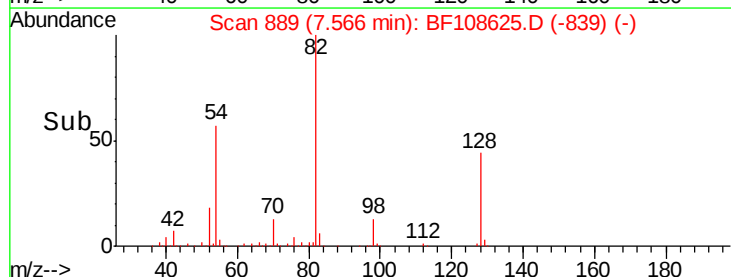
54 57.0 41.4 62.2

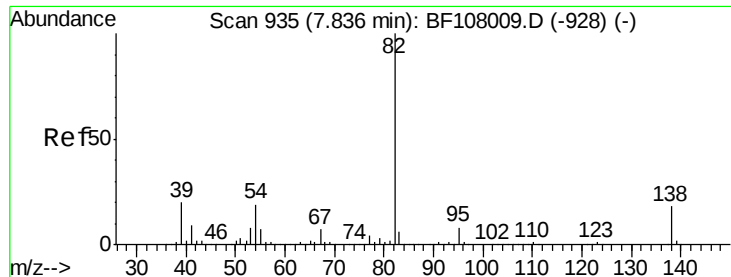


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 55.250 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108625.D

Acq: 30 Aug 2018 1:38

Instrument :

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ClientSampleId :

082718-TIPC-F-D-S

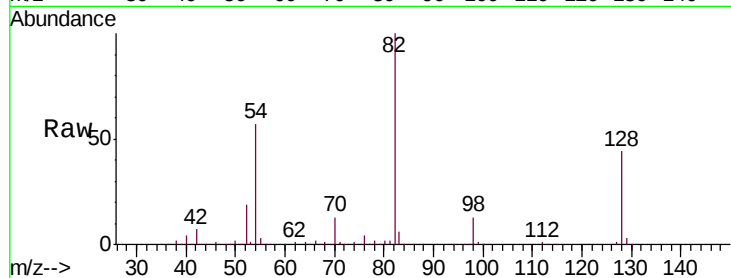
Tgt Ion: 82 Resp: 699437

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

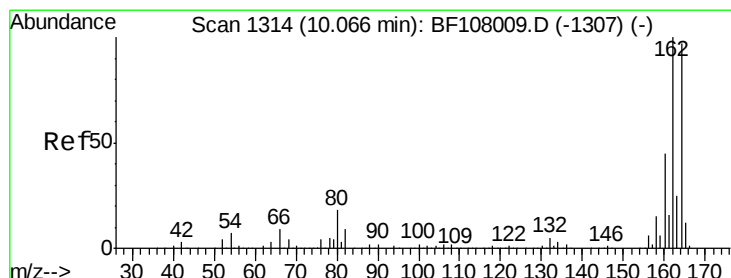
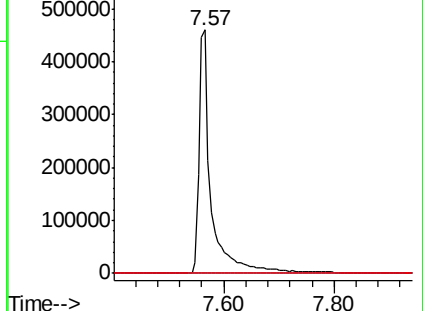
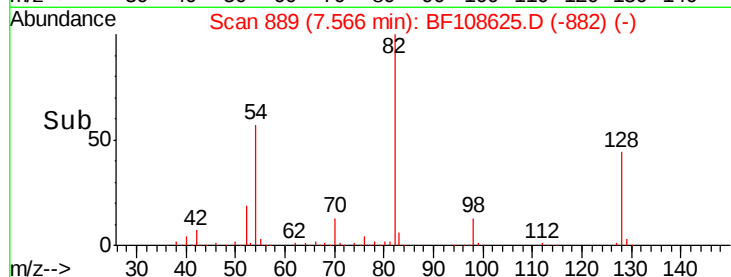
138 0.0 14.9 22.3#



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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108625.D

Acq: 30 Aug 2018 1:38

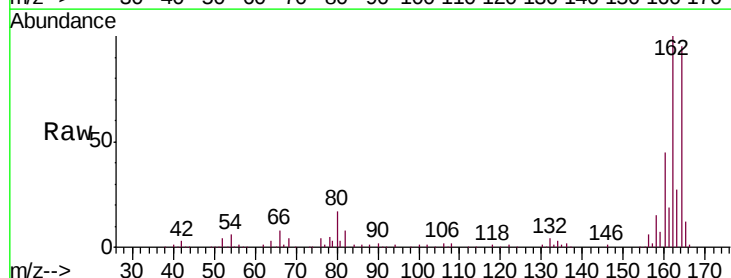
Tgt Ion: 164 Resp: 153349

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

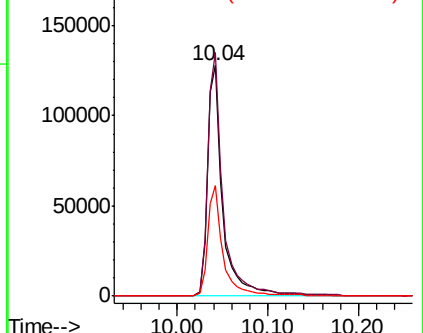
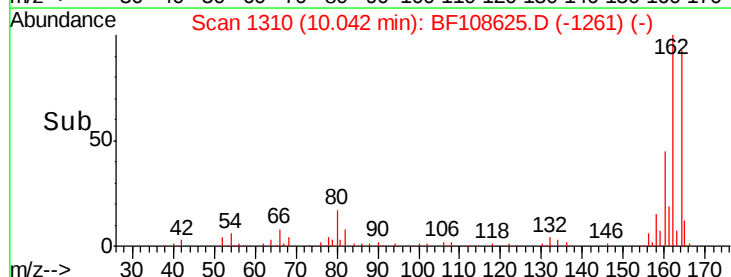
160 47.8 38.3 57.5

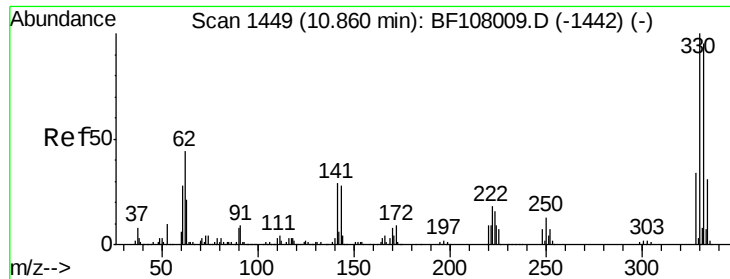


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

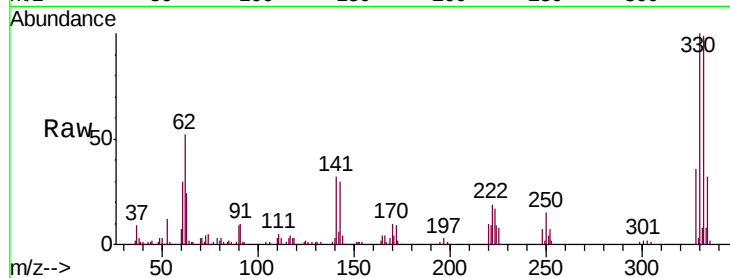




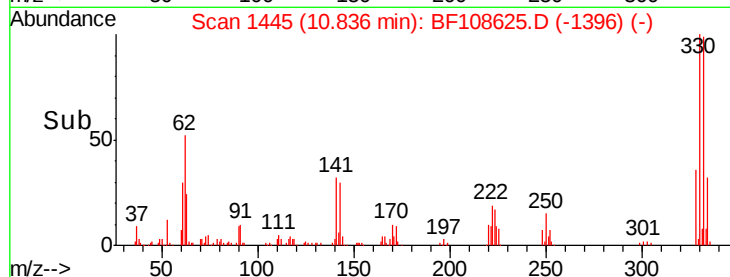
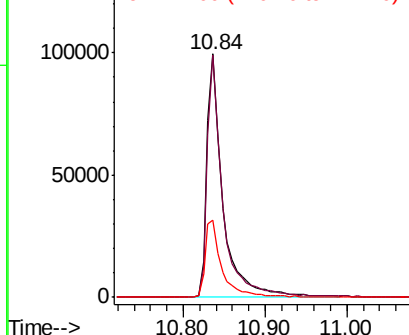
#41
 2,4,6-Tribromophenol
 Concen: 89.531 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108625.D
 Acq: 30 Aug 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 082718-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.1	29.9	44.9

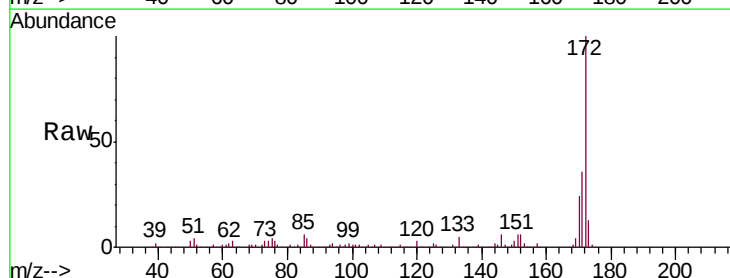


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

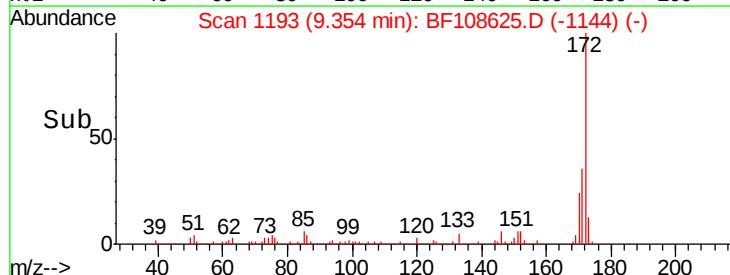
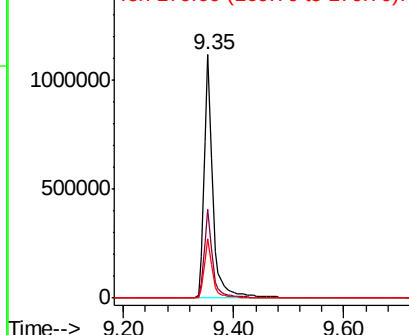


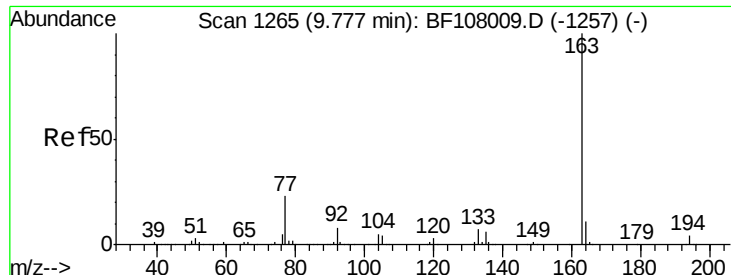
#44
 2-Fluorobiphenyl
 Concen: 126.908 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108625.D
 Acq: 30 Aug 2018 1:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	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

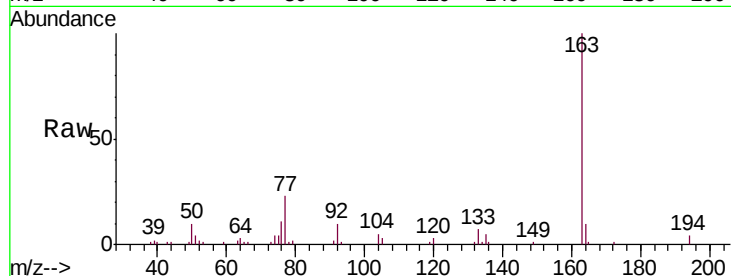




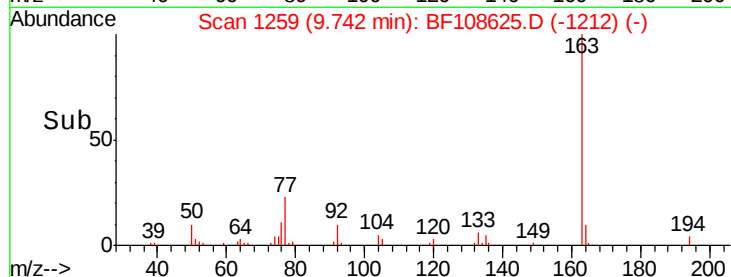
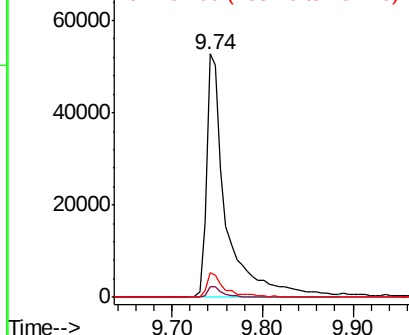
#49
Dimethylphthalate
Concen: 7.569 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108625.D
Acq: 30 Aug 2018 1:38

Instrument :
BNA_F
ClientSampleId :
082718-TIPC-F-D-S

Tgt Ion:163 Resp: 80850
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.3 8.2 12.2

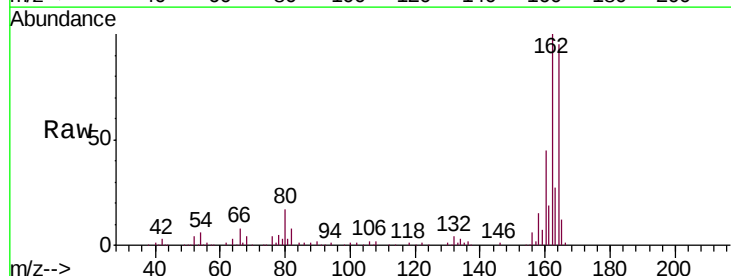


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

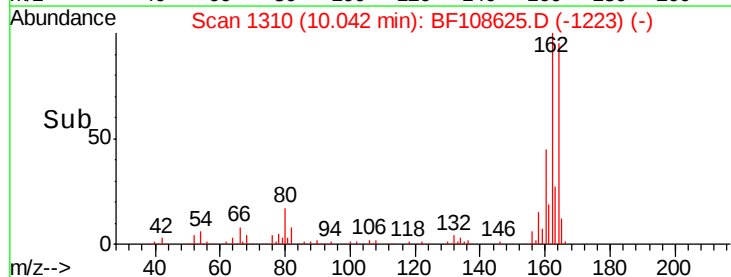
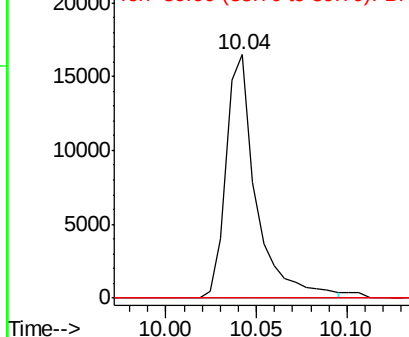


#50
2,6-Dinitrotoluene
Concen: 8.551 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108625.D
Acq: 30 Aug 2018 1:38

Tgt Ion:165 Resp: 19110
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 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

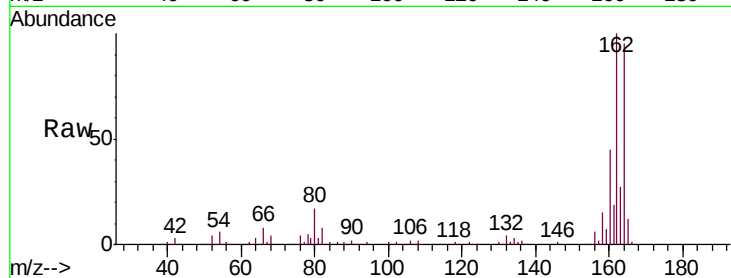




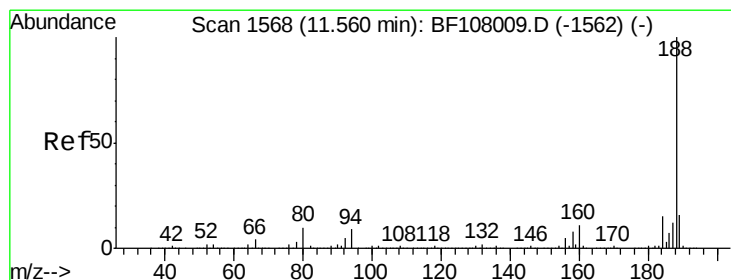
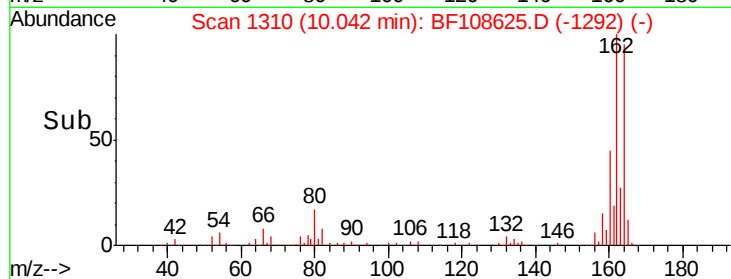
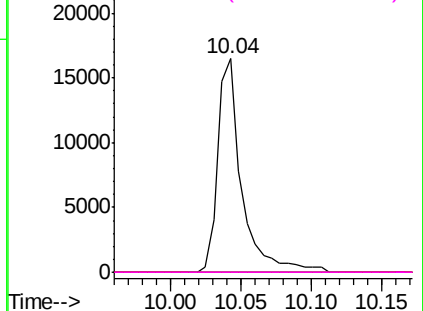
#56
 2,4-Dinitrotoluene
 Concen: 6.728 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108625.D
 Acq: 30 Aug 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 082718-TIPC-F-D-S

Tgt Ion:	165	Resp:	19356
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

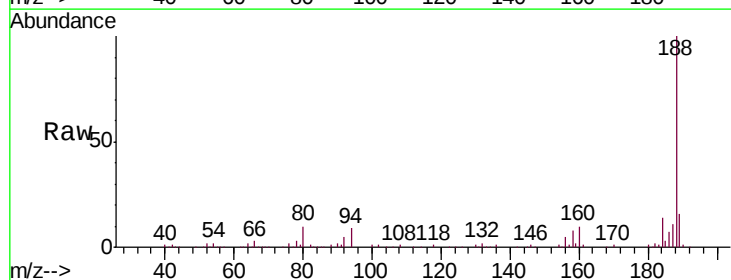


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

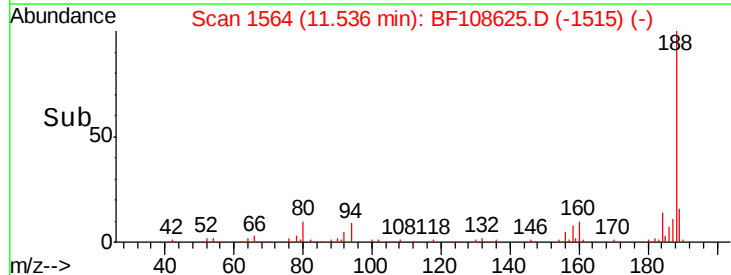
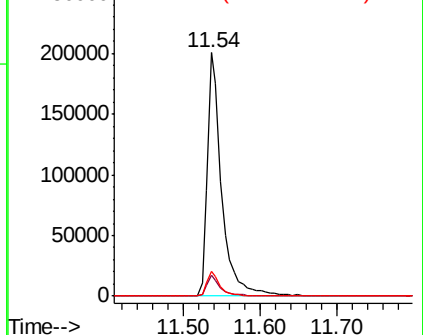


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108625.D
 Acq: 30 Aug 2018 1:38

Tgt Ion:	188	Resp:	257981
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.9	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

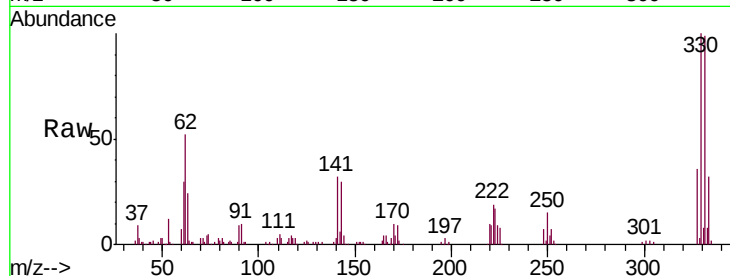




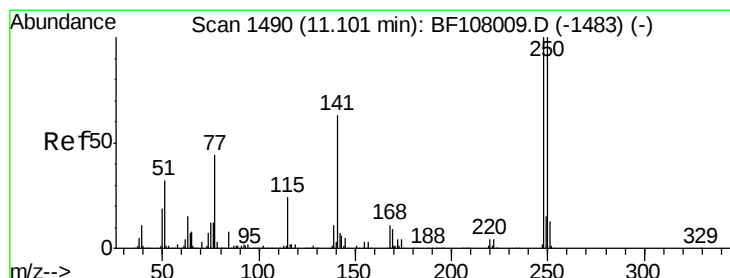
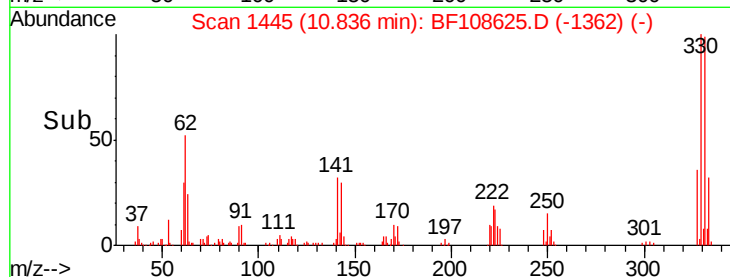
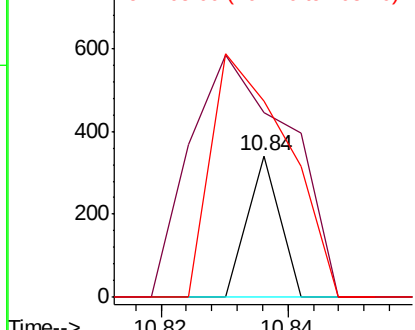
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.469 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108625.D
 Acq: 30 Aug 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 082718-TIPC-F-D-S

Tgt Ion:198 Resp: 120
 Ion Ratio Lower Upper
 198 100
 51 130.8 37.7 77.7#
 105 139.0 36.3 76.3#

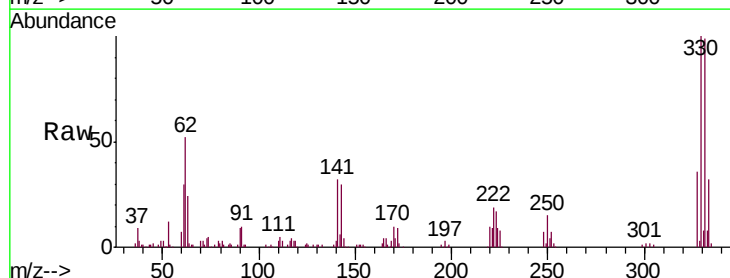


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

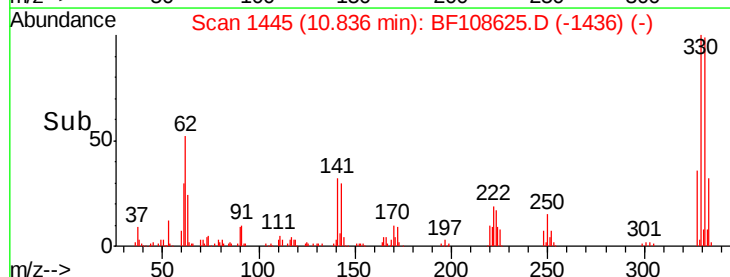
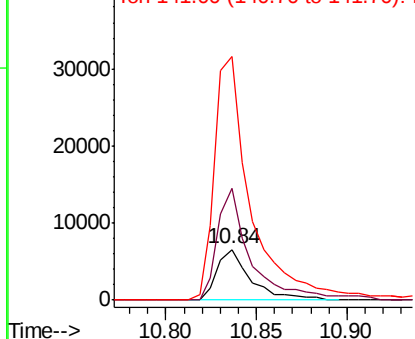


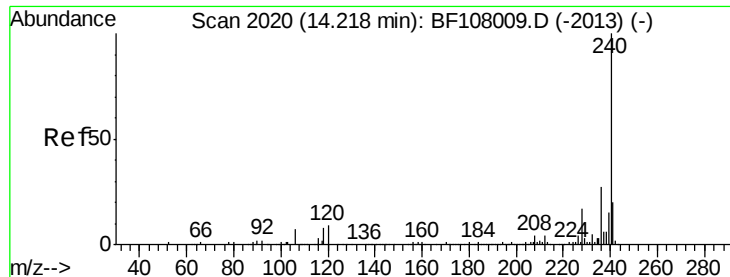
#66
 4-Bromophenyl-phenylether
 Concen: 3.052 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108625.D
 Acq: 30 Aug 2018 1:38

Tgt Ion:248 Resp: 8557
 Ion Ratio Lower Upper
 248 100
 250 219.8 76.9 115.3#
 141 477.6 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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108625.D

Acq: 30 Aug 2018 1:38

Instrument :

BNA_F

ClientSampleId :

082718-TIPC-F-D-S

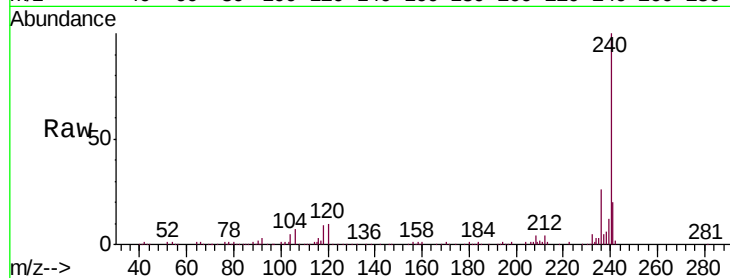
Tgt Ion:240 Resp: 252714

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

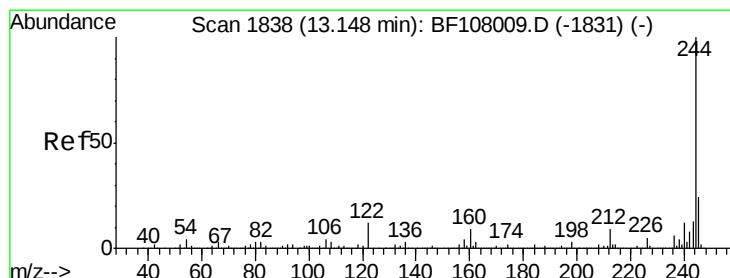
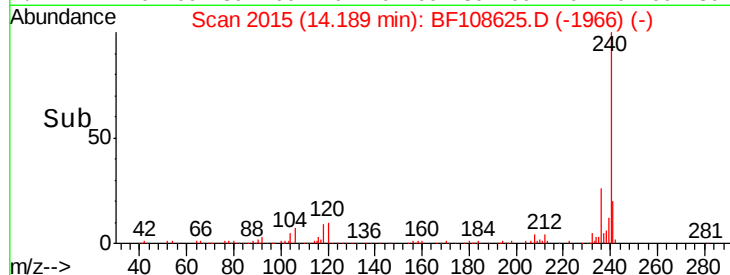
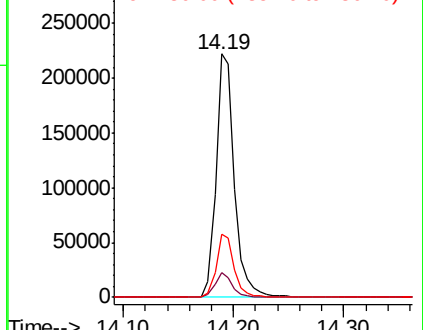
236 26.1 20.7 31.1



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: 95.843 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108625.D

Acq: 30 Aug 2018 1:38

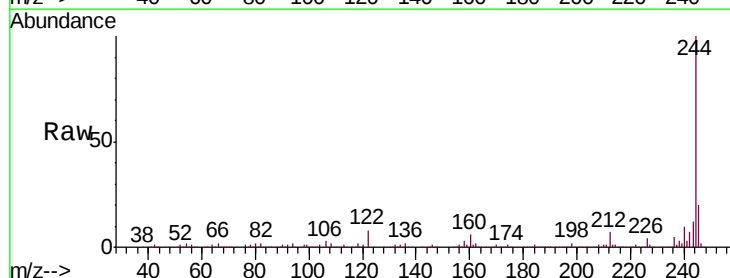
Tgt Ion:244 Resp: 952612

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

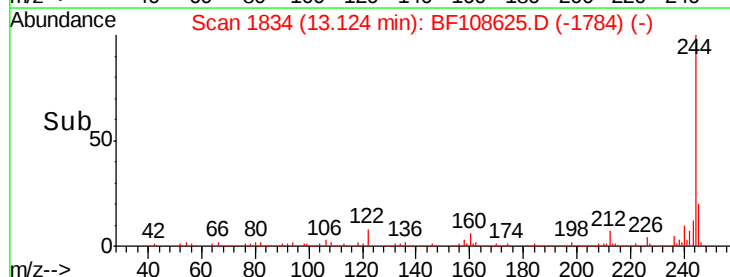
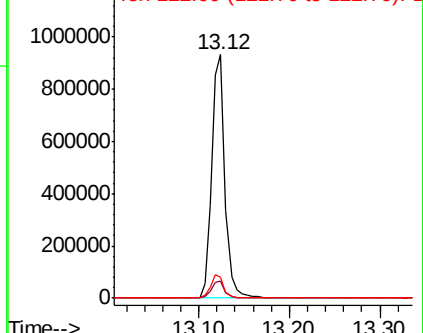
122 8.4 11.0 16.4#

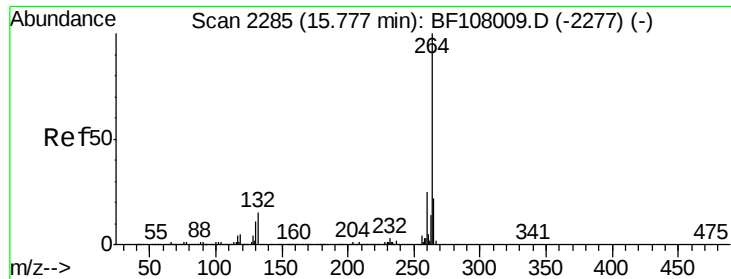


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108625.D
Acq: 30 Aug 2018 1:38

Instrument :
BNA_F
ClientSampleId :
082718-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.6	17.5	26.3

