

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
 Data File : BF108624.D
 Acq On : 30 Aug 2018 1:10
 Operator : JU/SJ
 Sample : J4683-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Aug 30 02:35:24 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

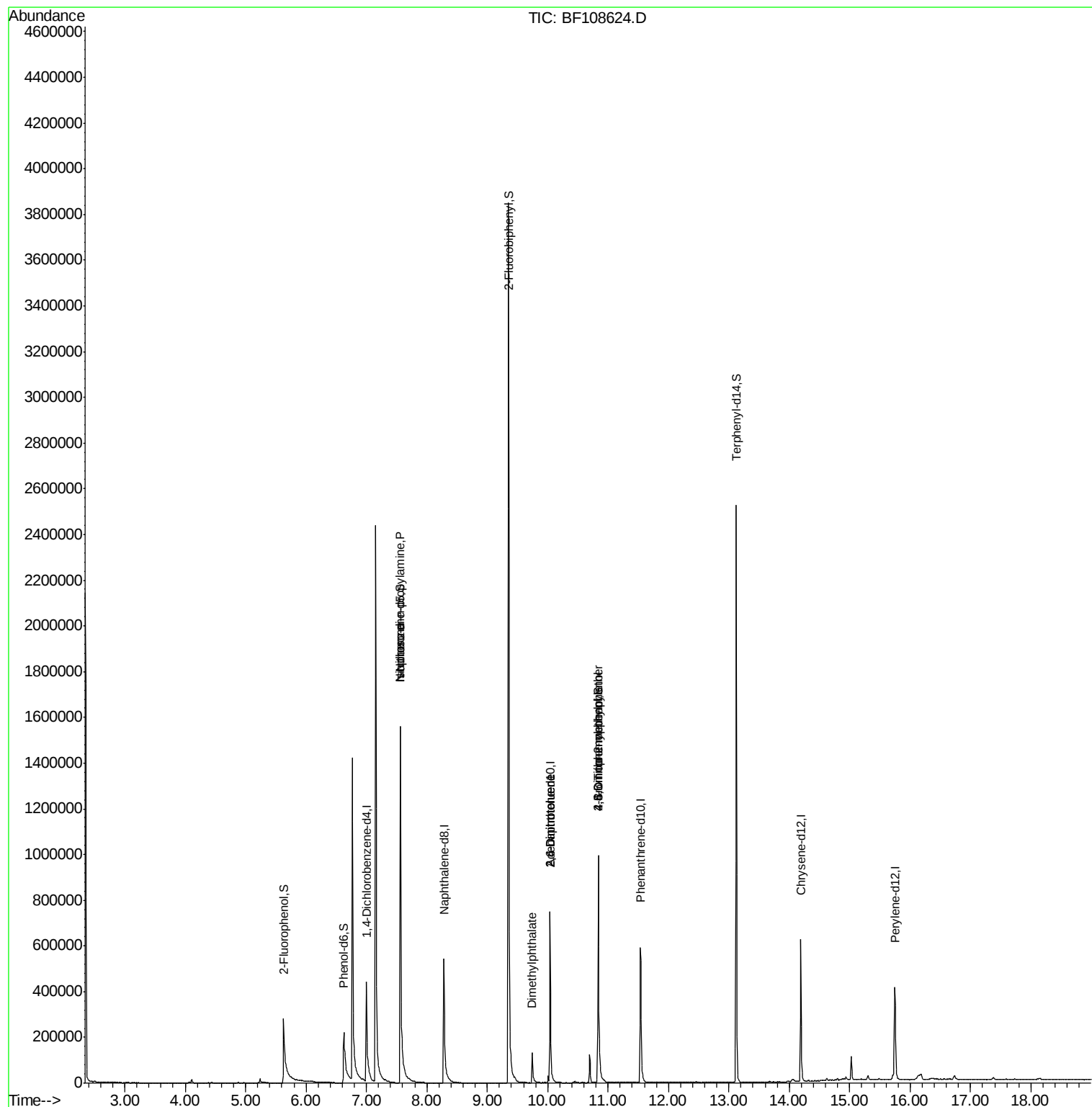
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	111812	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	432275	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	193111	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	307419	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	256877	20.00	ng	-0.01
86) Perylene-d12	15.75	264	244613	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	208736	33.80	ng	0.00
7) Phenol-d6	6.62	99	203137	24.75	ng	0.00
23) Nitrobenzene-d5	7.57	82	786380	101.51	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	166745	86.57	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1416874	117.79	ng	-0.01
78) Terphenyl-d14	13.12	244	974220	96.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	98661	17.777	ng	# 84
25) Isophorone	7.57	82	787710	53.348	ng	# 64
49) Dimethylphthalate	9.74	163	87320	6.491	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	23626	8.395	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	23877	6.591	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	139	5.466	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	10605	3.174	ng	# 1

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

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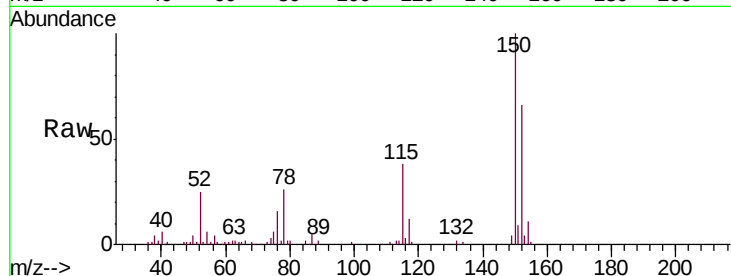


#1

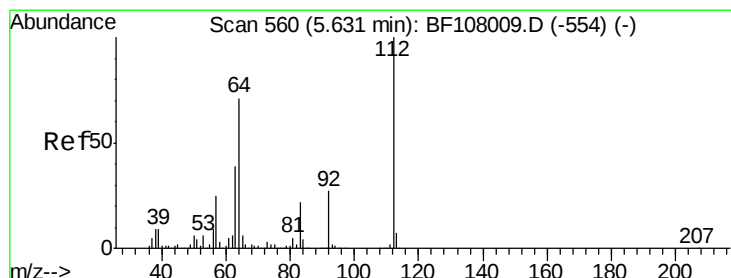
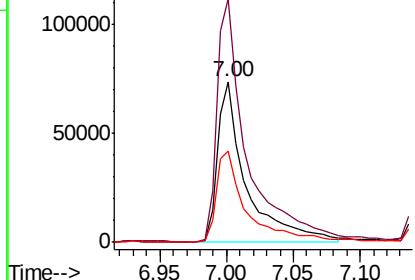
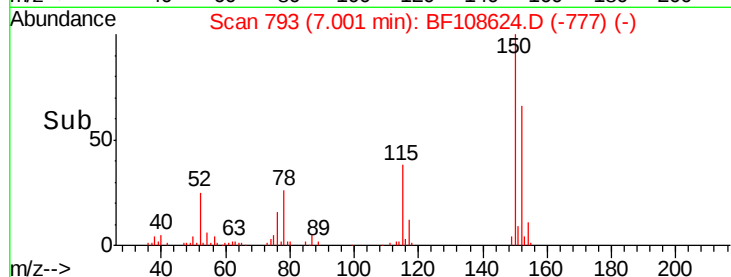
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108624.D
Acq: 30 Aug 2018 1:10

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.6	186.8
115	57.0	50.1	75.1



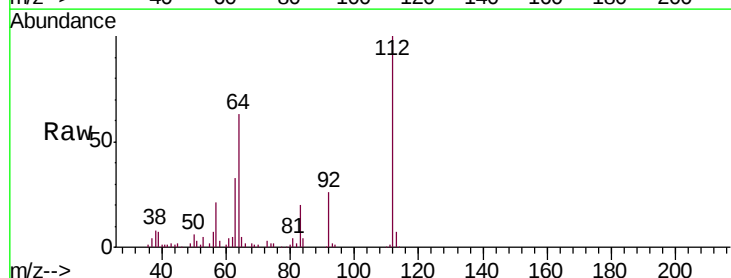
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



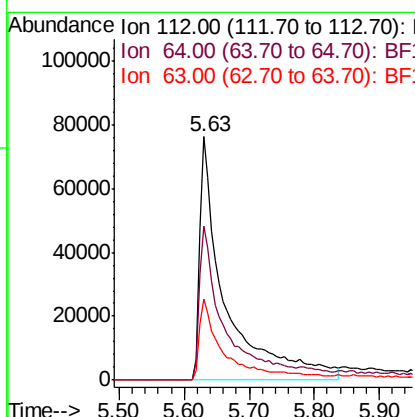
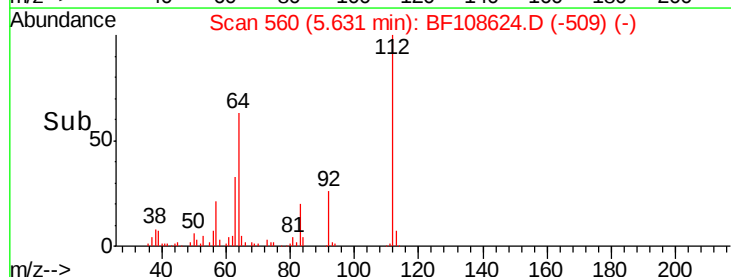
#5

2-Fluorophenol
Concen: 33.798 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108624.D
Acq: 30 Aug 2018 1:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.9	71.9
63	33.1	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: 24.752 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108624.D

Acq: 30 Aug 2018 1:10

Instrument :

BNA_F

ClientSampleId :

082718-TIPC-F-D-B

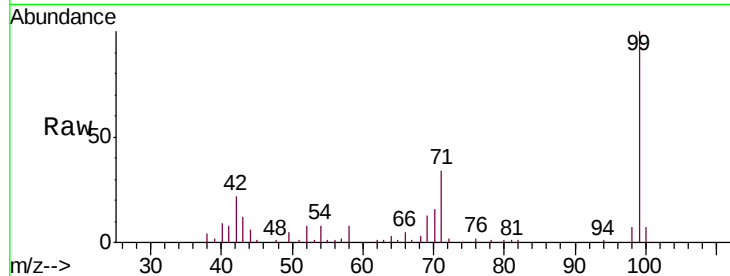
Tgt Ion: 99 Resp: 203137

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

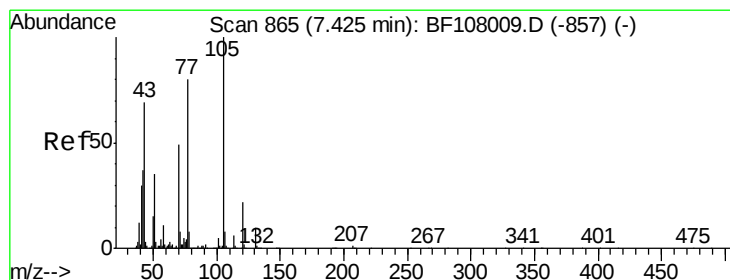
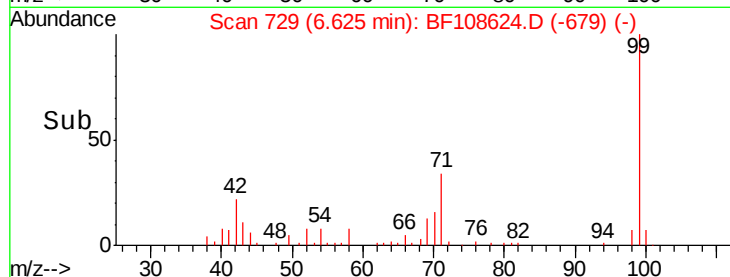
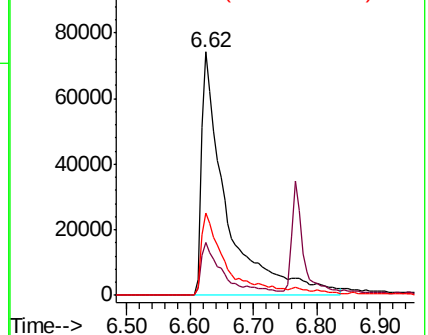
71 33.9 25.4 38.0



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: 17.777 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108624.D

Acq: 30 Aug 2018 1:10

Tgt Ion: 70 Resp: 98661

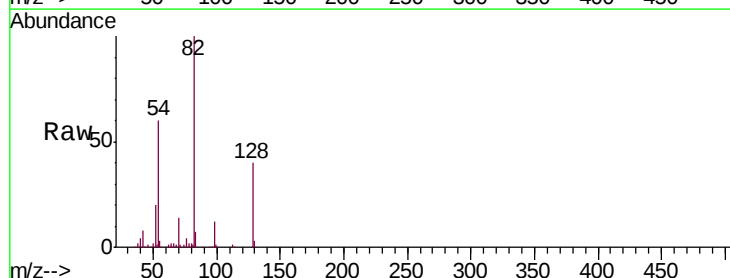
Ion Ratio Lower Upper

70 100

42 55.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

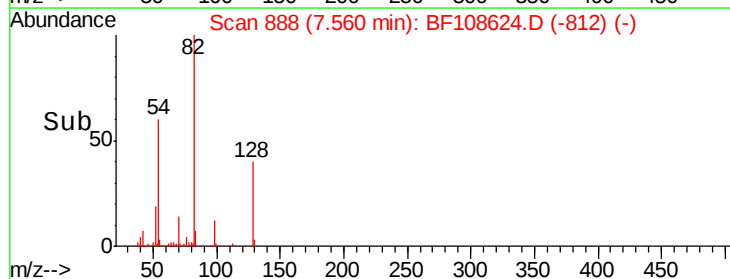
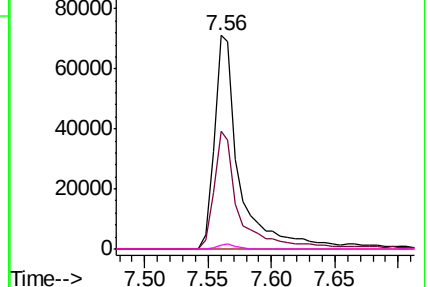


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

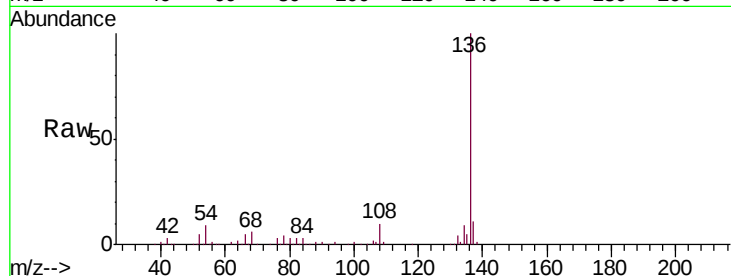




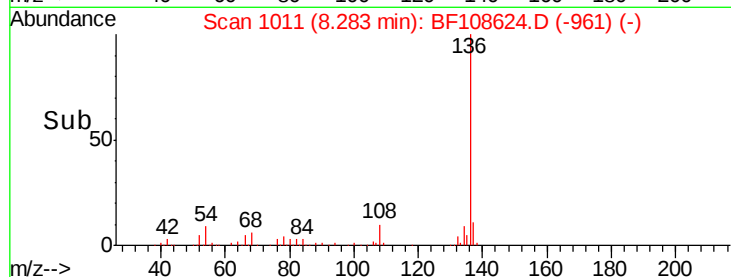
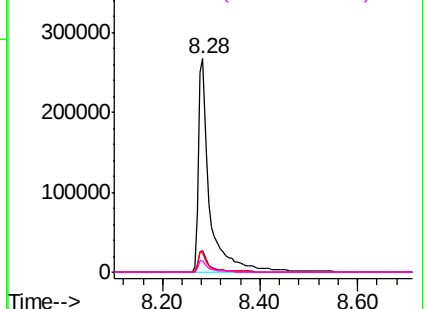
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108624.D
Acq: 30 Aug 2018 1:10

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

Tgt Ion:	136	Resp:	432275
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.2	6.6	9.8
68	5.5	5.0	7.4

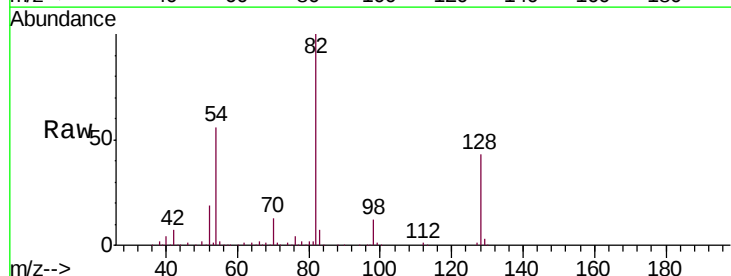


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

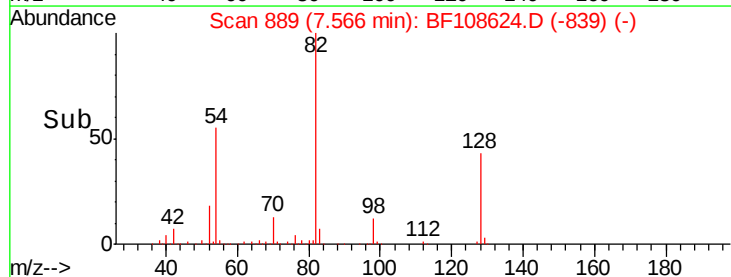
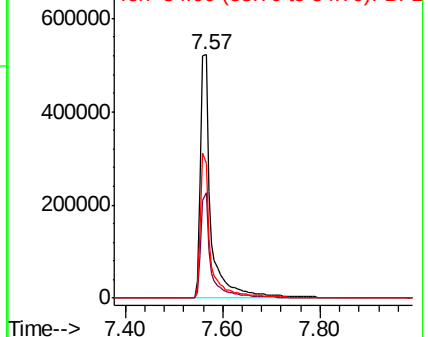


#23
Nitrobenzene-d5
Concen: 101.512 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108624.D
Acq: 30 Aug 2018 1:10

Tgt Ion:	82	Resp:	786380
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	55.5	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: 53.348 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108624.D

Acq: 30 Aug 2018 1:10

Instrument :

BNA_F

ClientSampleId :

082718-TIPC-F-D-B

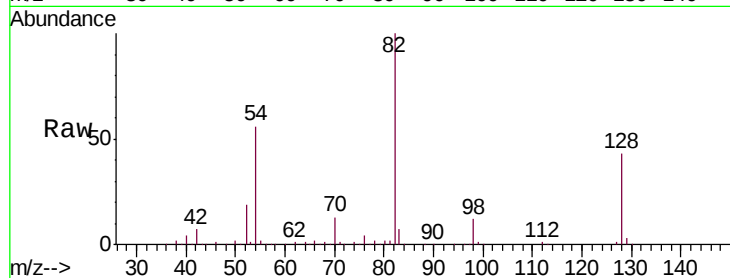
Tgt Ion: 82 Resp: 787710

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

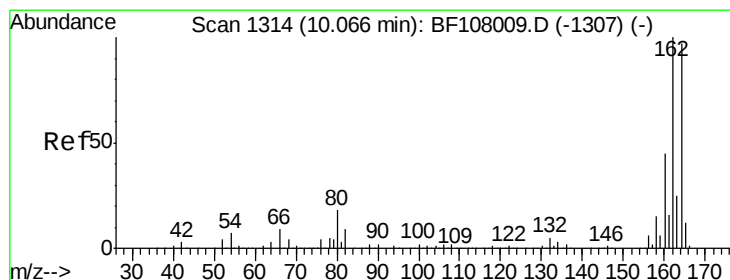
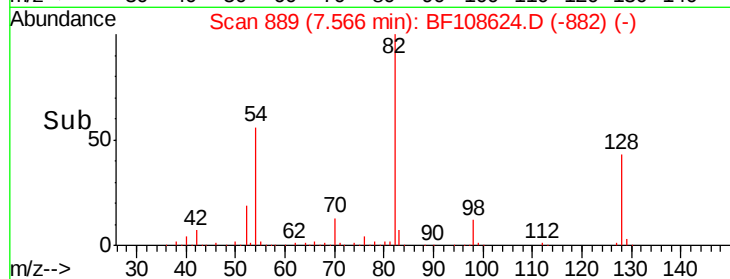
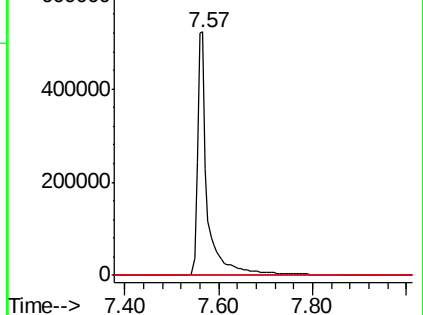
138 0.0 14.9 22.3#



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: BF108624.D

Acq: 30 Aug 2018 1:10

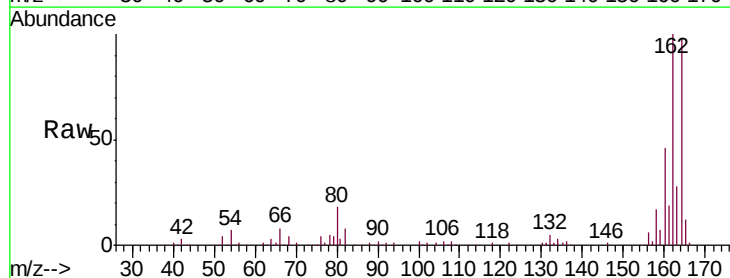
Tgt Ion: 164 Resp: 193111

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

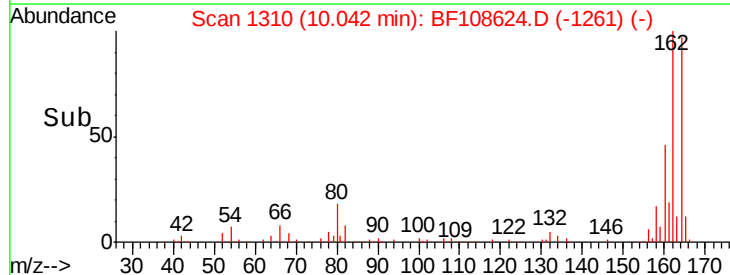
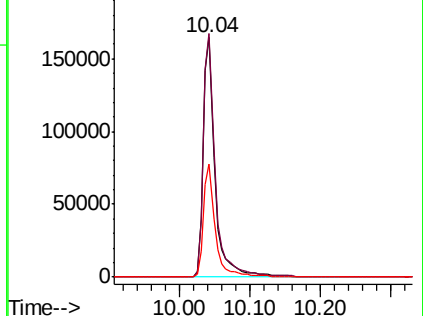
160 47.1 38.3 57.5

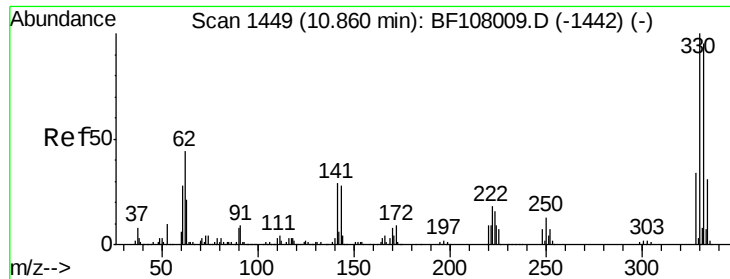


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

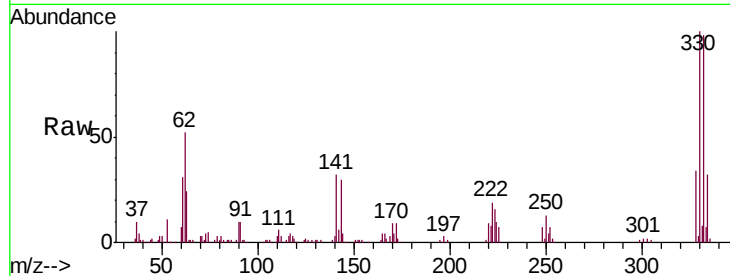




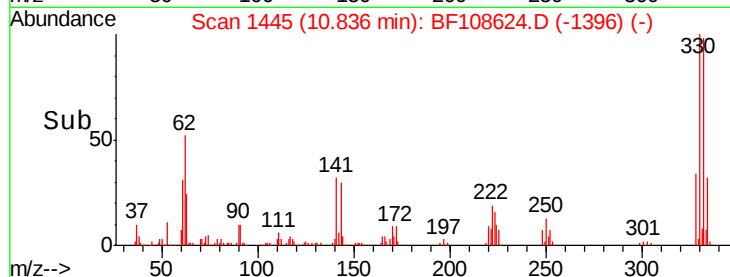
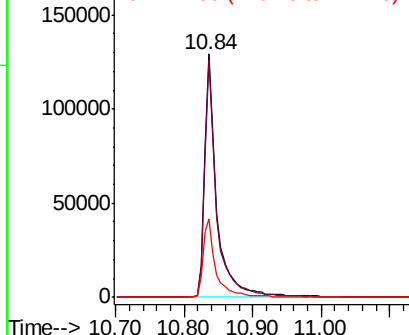
#41
 2,4,6-Tribromophenol
 Concen: 86.565 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108624.D
 Acq: 30 Aug 2018 1:10

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

Tgt Ion:330 Resp: 166745
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.1 29.9 44.9

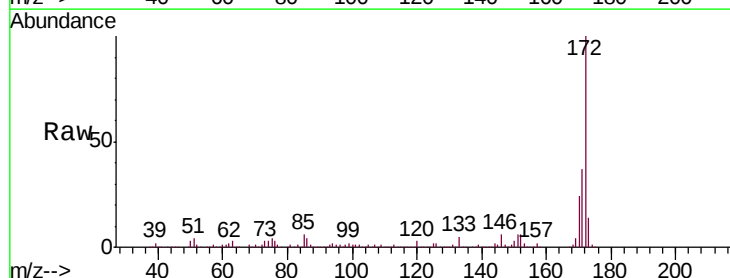


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

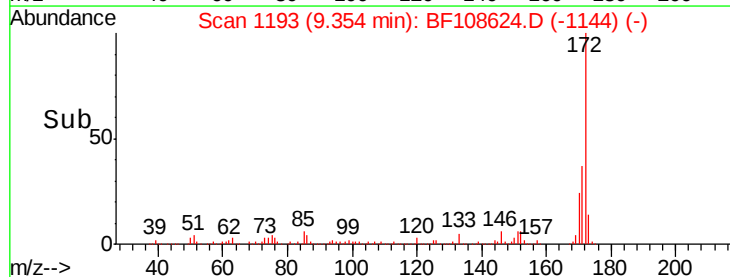
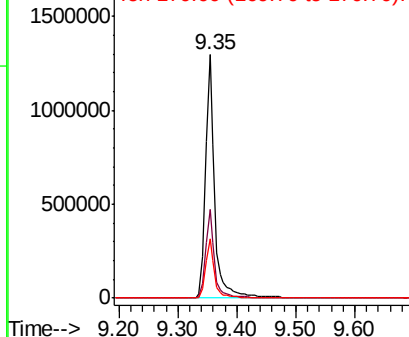


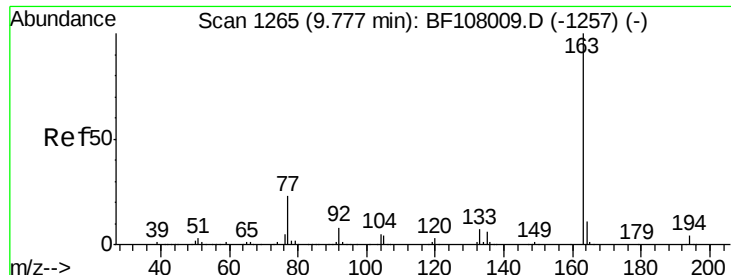
#44
 2-Fluorobiphenyl
 Concen: 117.795 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108624.D
 Acq: 30 Aug 2018 1:10

Tgt Ion:172 Resp: 1416874
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 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

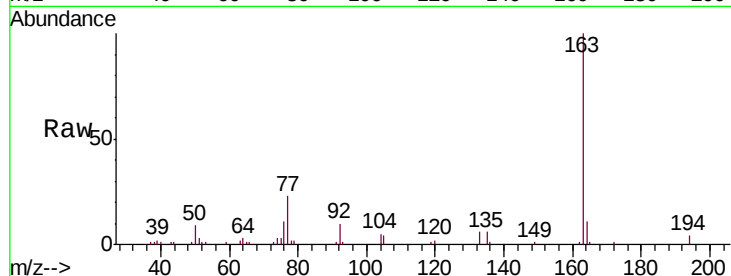




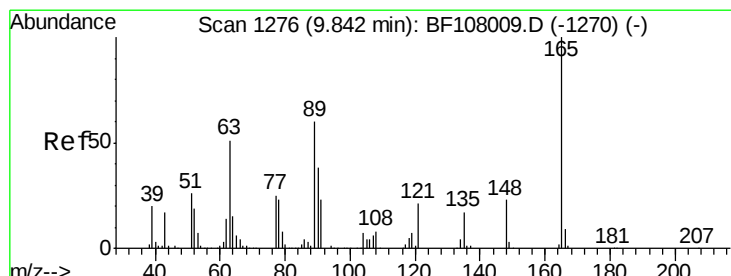
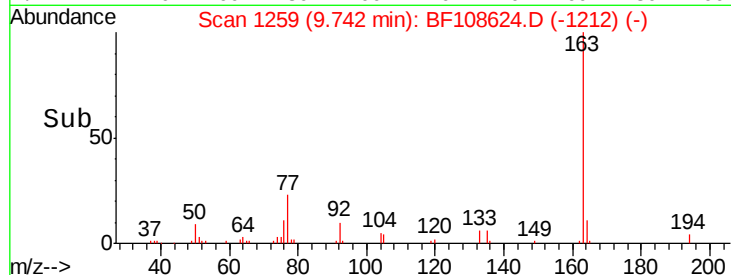
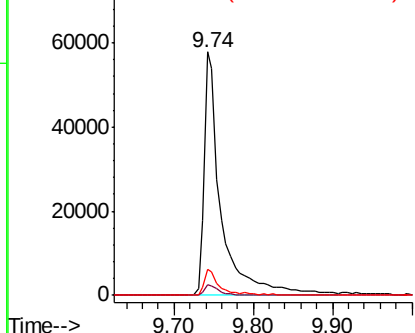
#49
 Dimethylphthalate
 Concen: 6.491 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108624.D
 Acq: 30 Aug 2018 1:10

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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.6	8.2	12.2

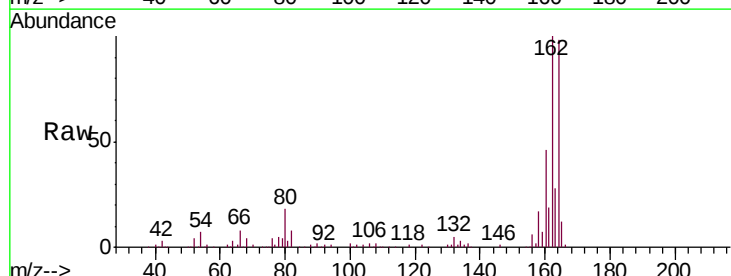


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

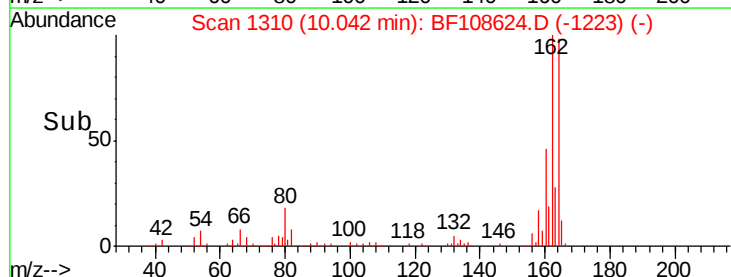
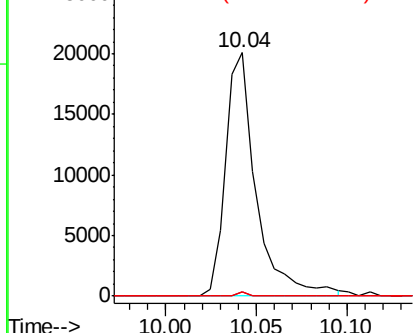


#50
 2,6-Dinitrotoluene
 Concen: 8.395 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108624.D
 Acq: 30 Aug 2018 1:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.6	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

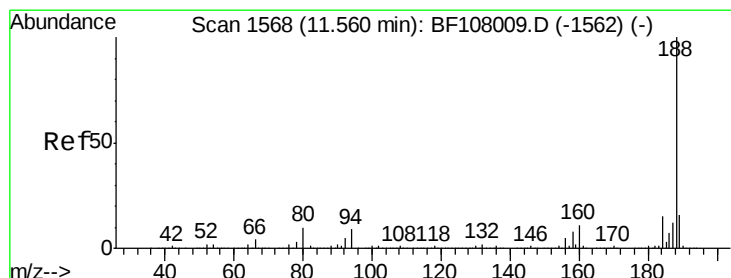
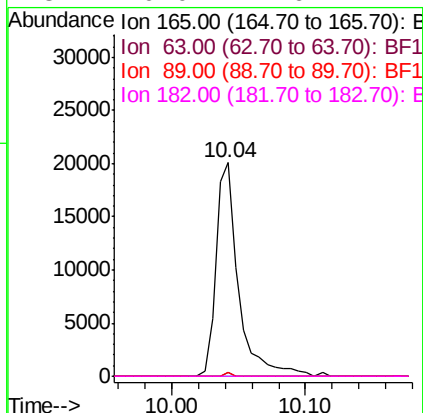
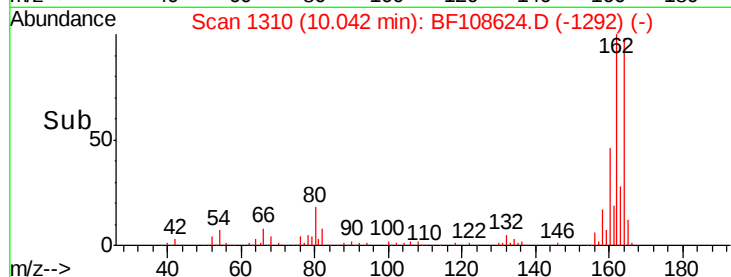
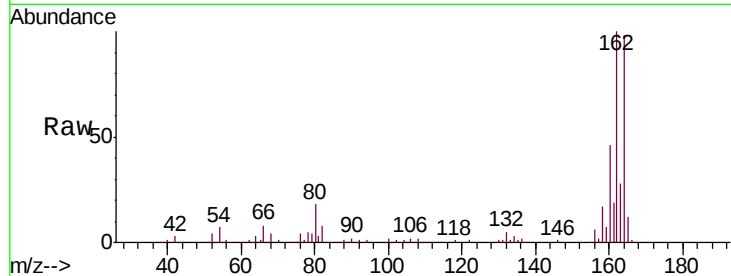




#56
 2,4-Dinitrotoluene
 Concen: 6.591 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108624.D
 Acq: 30 Aug 2018 1:10

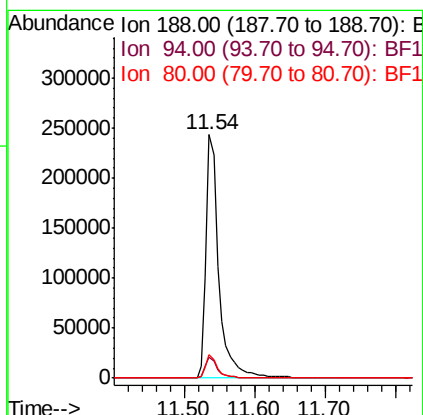
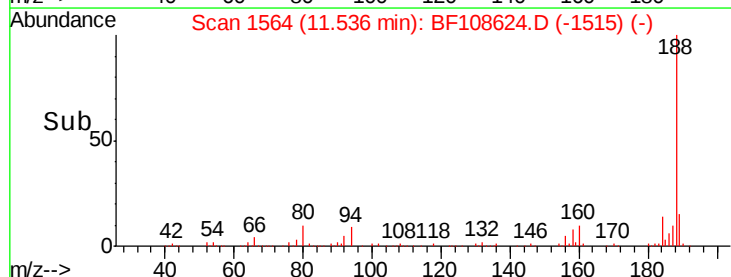
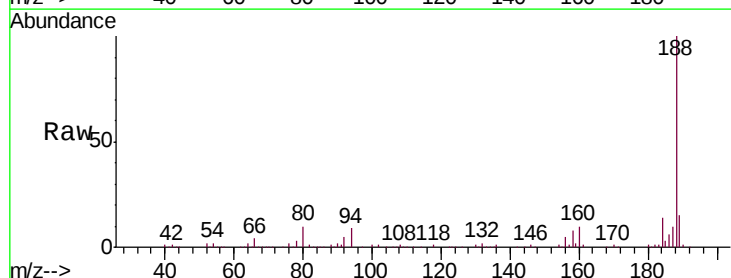
Instrument :
 BNA_F
 ClientSampleId :
 082718-TIPC-F-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108624.D
 Acq: 30 Aug 2018 1:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.7	9.2	13.8

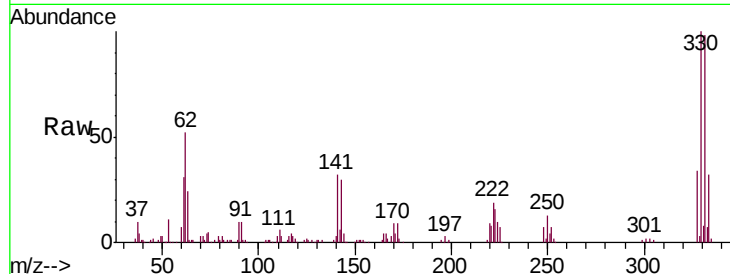




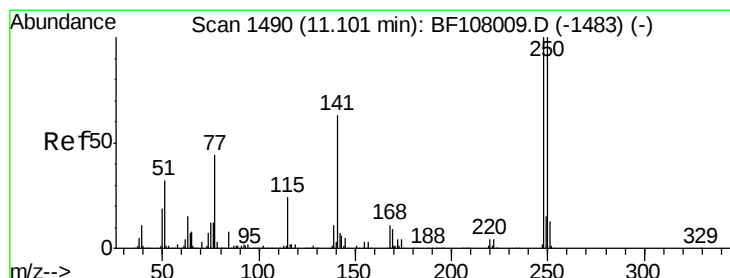
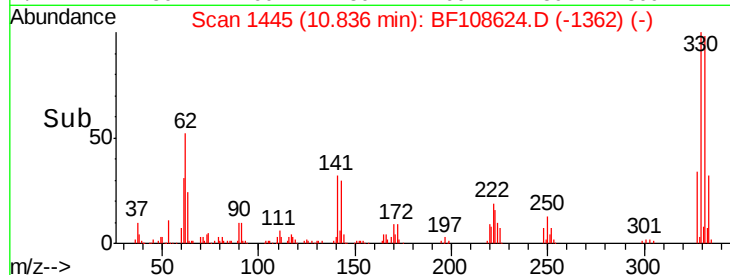
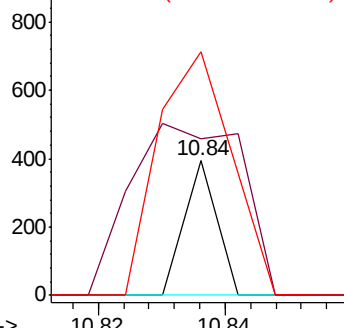
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.466 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108624.D
 Acq: 30 Aug 2018 1:10

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

Tgt Ion:198 Resp: 139
 Ion Ratio Lower Upper
 198 100
 51 117.0 37.7 77.7#
 105 181.2 36.3 76.3#

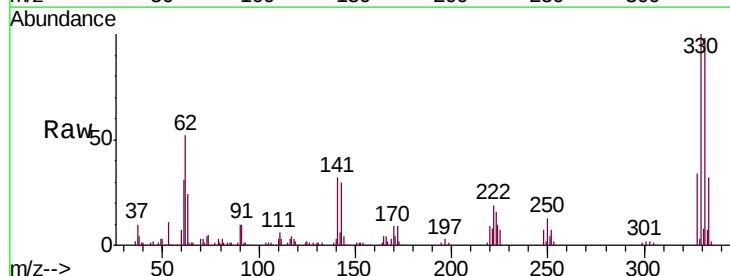


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

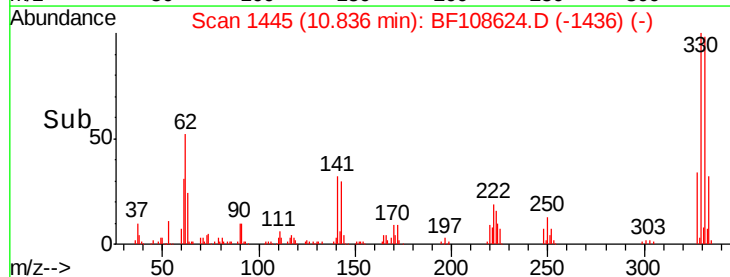
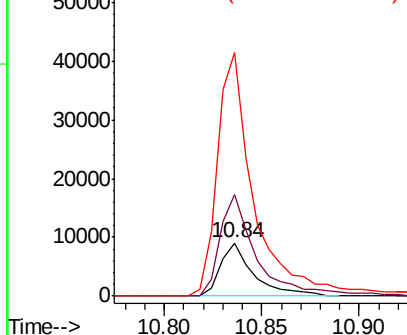


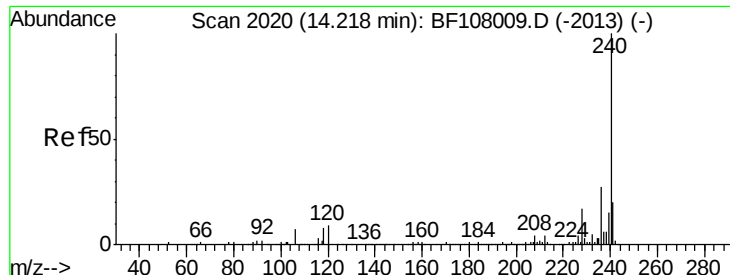
#66
 4-Bromophenyl-phenylether
 Concen: 3.174 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108624.D
 Acq: 30 Aug 2018 1:10

Tgt Ion:248 Resp: 10605
 Ion Ratio Lower Upper
 248 100
 250 193.1 76.9 115.3#
 141 460.5 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: BF108624.D

Acq: 30 Aug 2018 1:10

Instrument :

BNA_F

ClientSampleId :

082718-TIPC-F-D-B

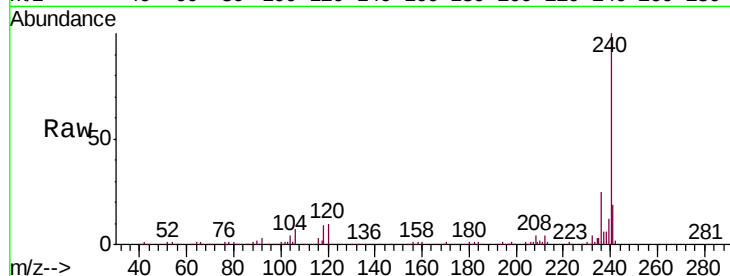
Tgt Ion:240 Resp: 256877

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

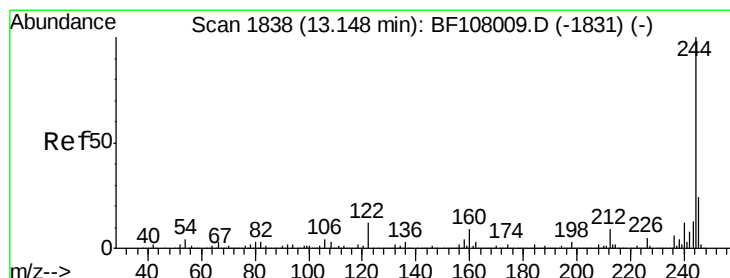
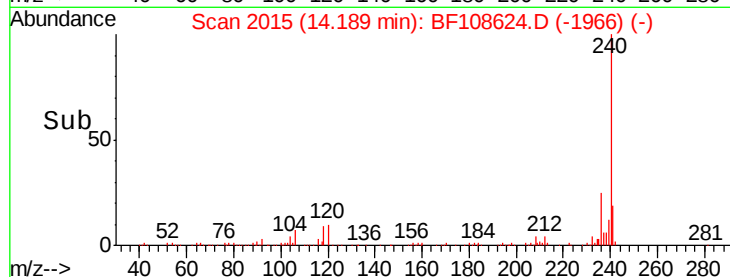
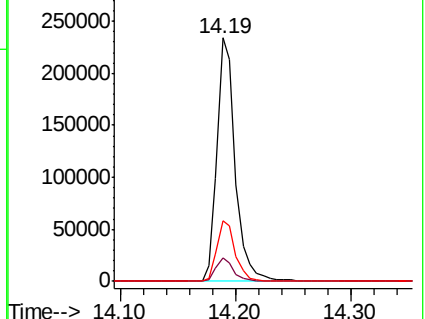
236 25.1 20.7 31.1



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: 96.428 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108624.D

Acq: 30 Aug 2018 1:10

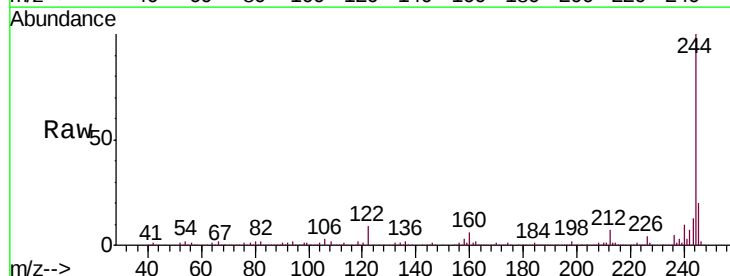
Tgt Ion:244 Resp: 974220

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

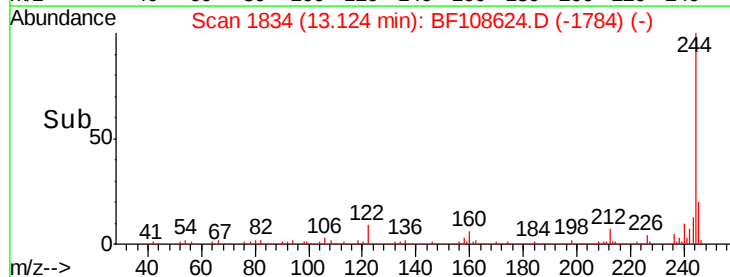
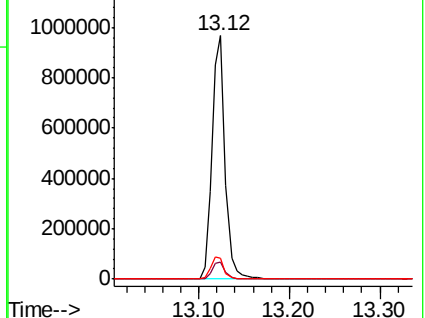
122 8.8 11.0 16.4#

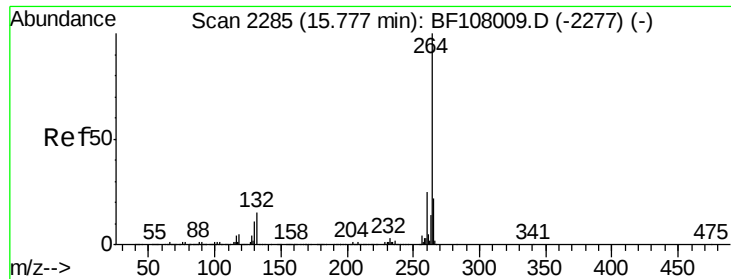


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108624.D
Acq: 30 Aug 2018 1:10

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.1	17.5	26.3

