

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
 Data File : BF109477.D
 Acq On : 1 Oct 2018 17:20
 Operator : JU/SJ
 Sample : J5145-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042

Quant Time: Oct 01 18:28:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

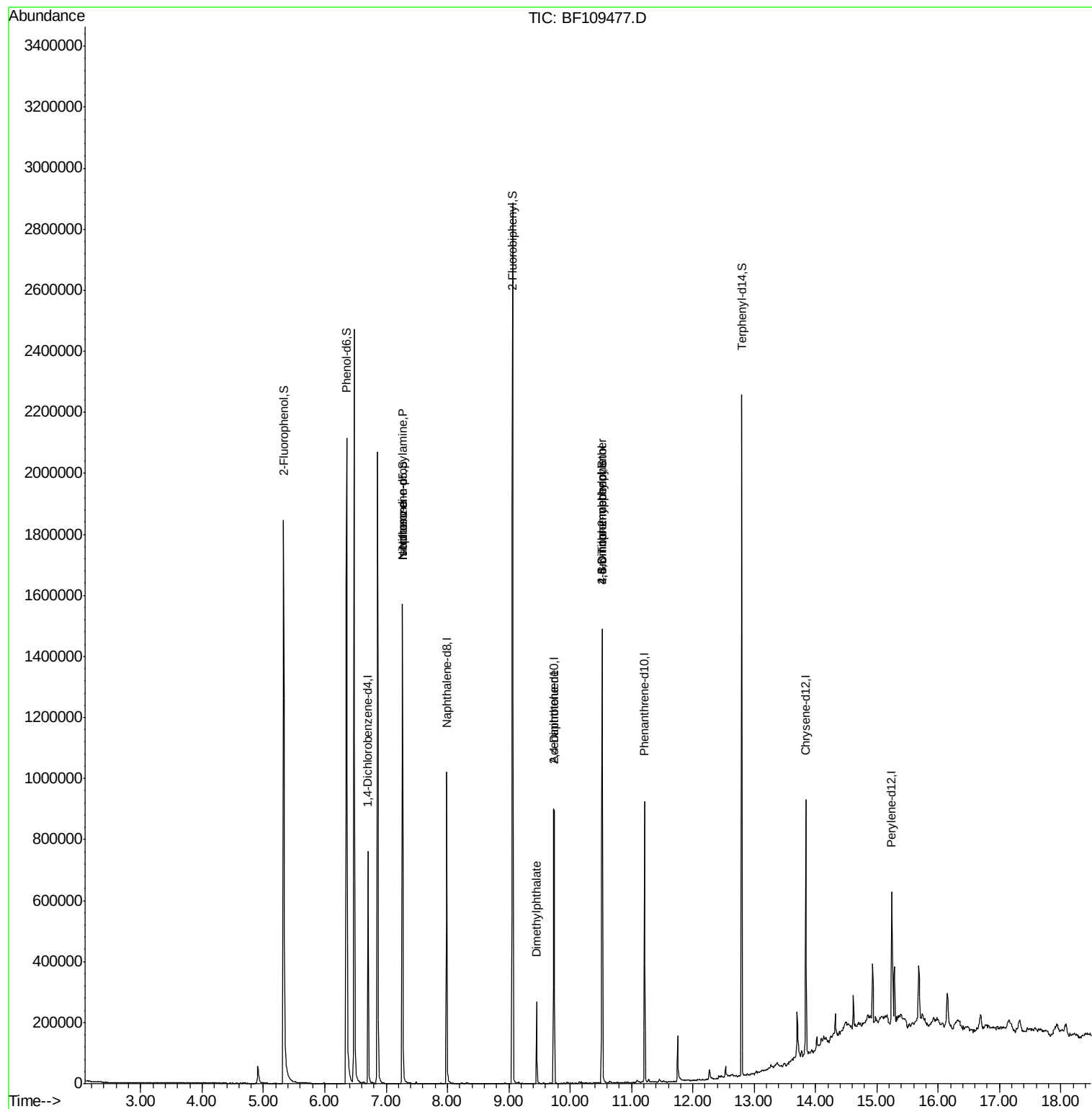
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	117800	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	441555	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	189209	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	323979	20.00	ng	0.00
75) Chrysene-d12	13.84	240	283671	20.00	ng	0.00
86) Perylene-d12	15.24	264	203010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	676633	94.61	ng	0.01
7) Phenol-d6	6.36	99	843865	92.47	ng	0.00
23) Nitrobenzene-d5	7.27	82	517530	69.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	173120	92.82	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	846179	67.45	ng	-0.01
78) Terphenyl-d14	12.80	244	700107	60.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	70336	11.762	ng	# 78
25) Isophorone	7.27	82	500094	37.128	ng	# 64
49) Dimethylphthalate	9.46	163	107213	7.791	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	24350	7.061	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	307	6.724	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11139	3.096	ng	# 1

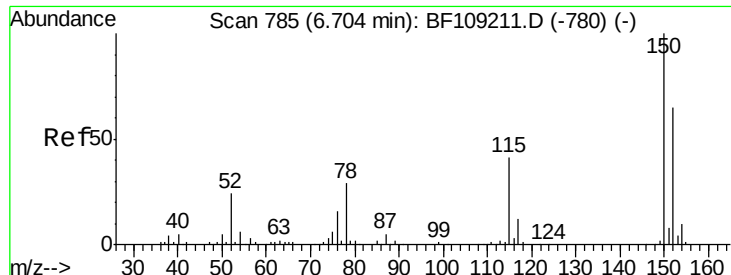
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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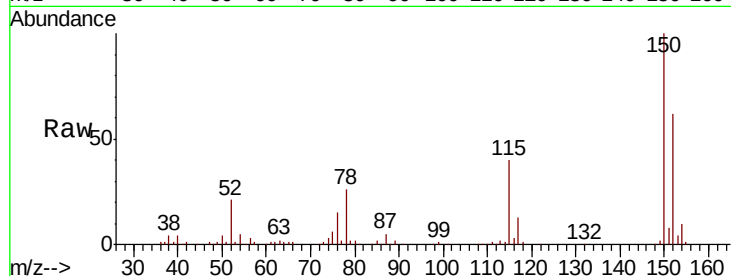


#1

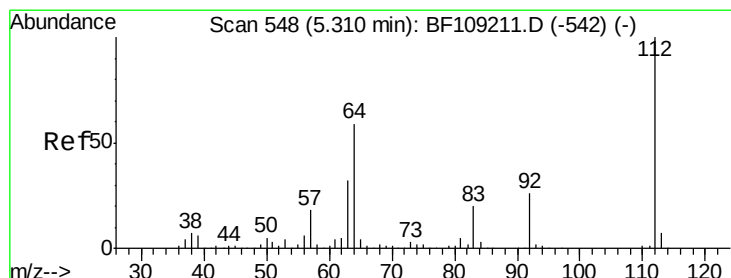
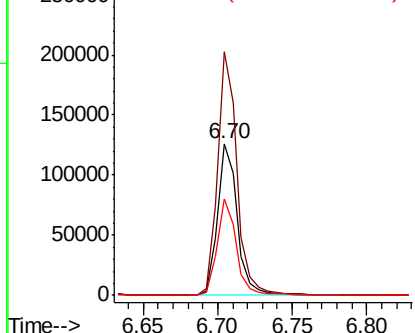
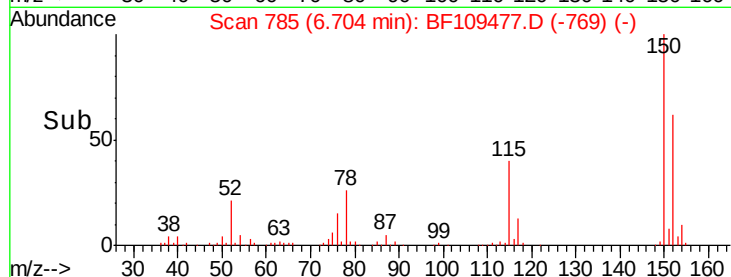
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109477.D
Acq: 1 Oct 2018 17:20

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042

Tot Ion:152 Resp: 117800
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 63.6 50.1 75.1



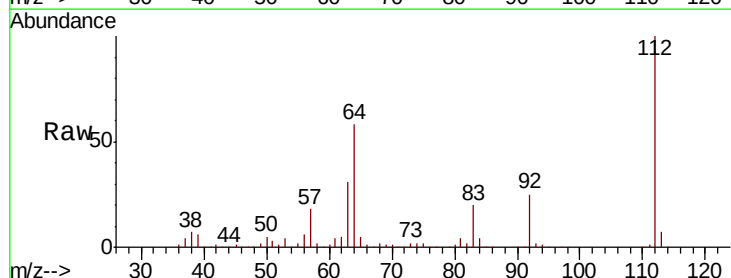
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



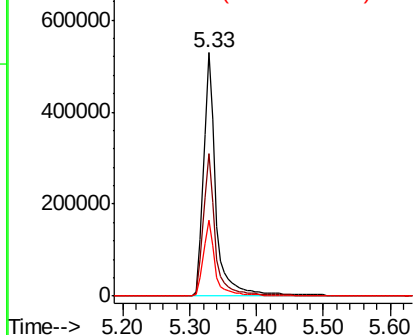
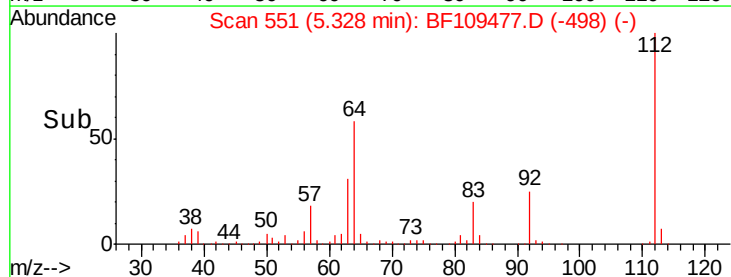
#5

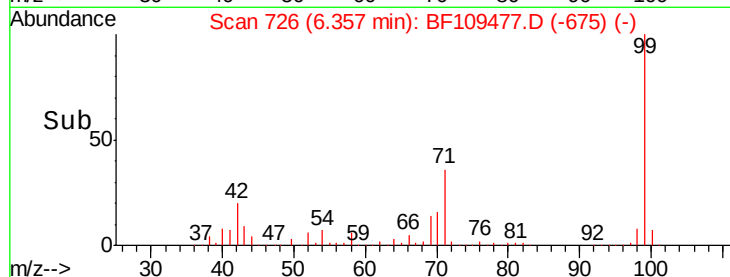
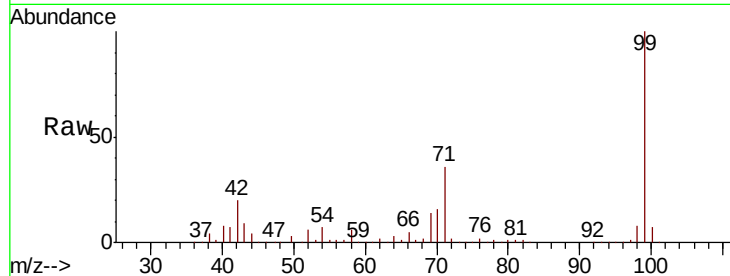
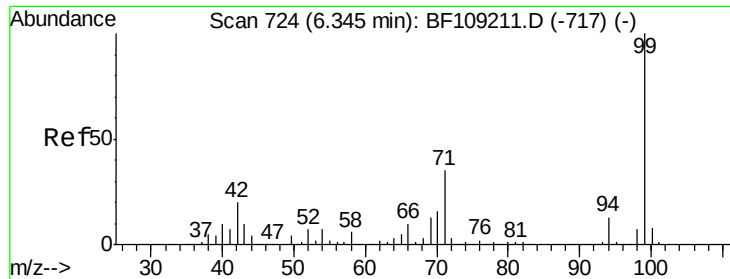
2-Fluorophenol
Concen: 94.607 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109477.D
Acq: 1 Oct 2018 17:20

Tgt Ion:112 Resp: 676633
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 31.0 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

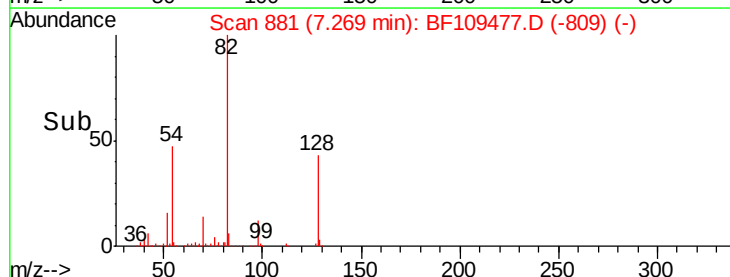
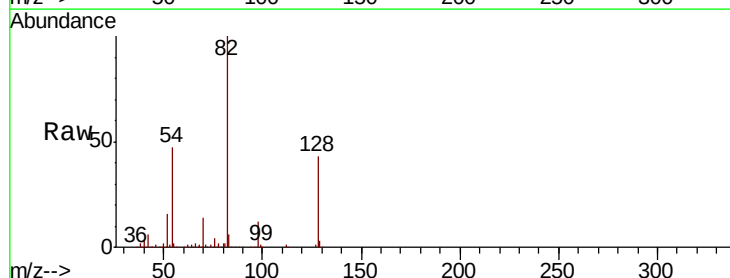
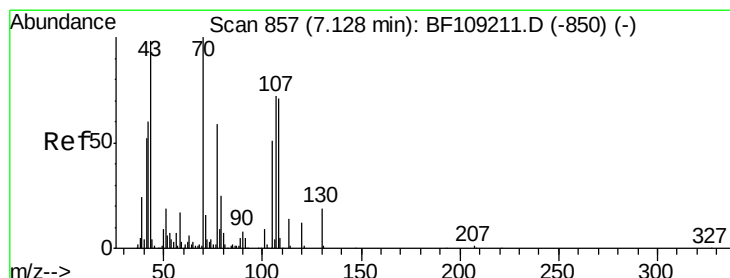
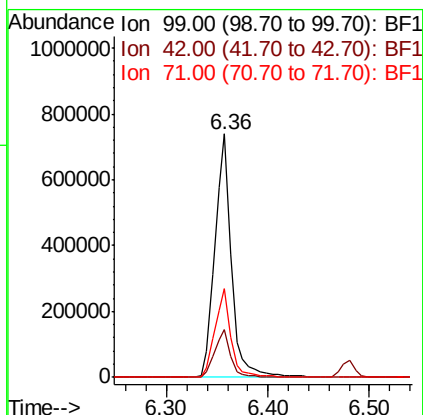




#7
Phenol-d6
Concen: 92.465 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF109477.D
Acq: 1 Oct 2018 17:20

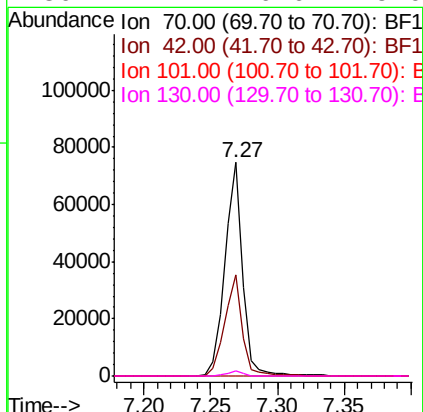
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042

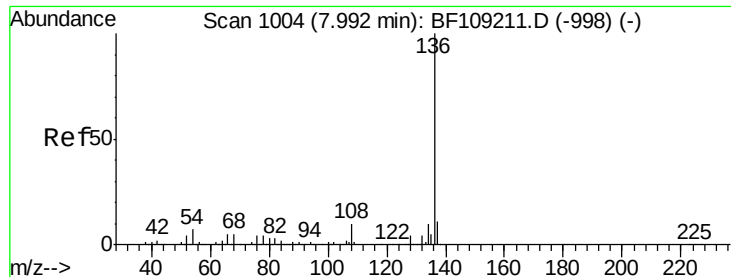
Tot Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	36.2	25.4	38.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.762 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109477.D
Acq: 1 Oct 2018 17:20

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109477.D

Acq: 1 Oct 2018 17:20

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042

Tot Ion:136 Resp: 441555

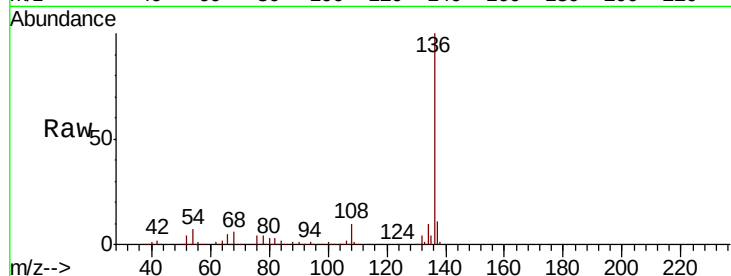
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.5 5.0 7.4

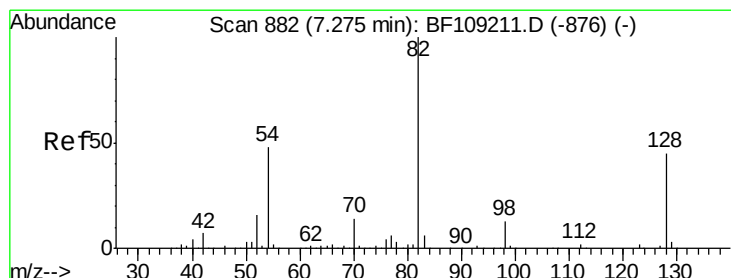
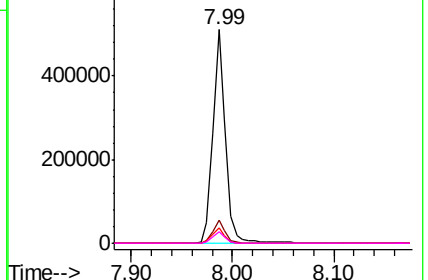
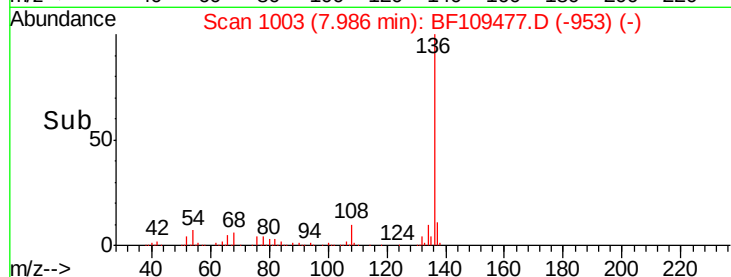


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.189 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109477.D

Acq: 1 Oct 2018 17:20

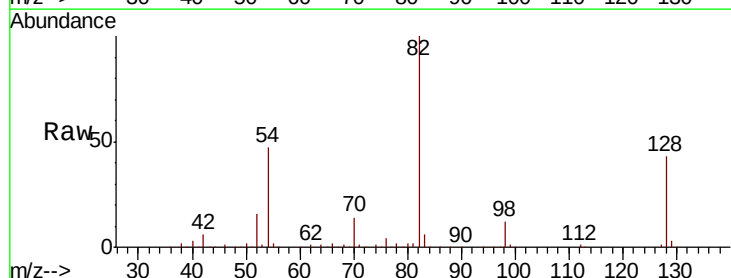
Tgt Ion: 82 Resp: 517530

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

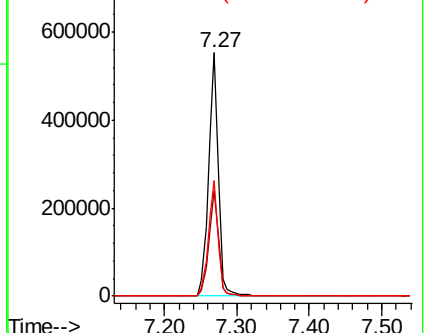
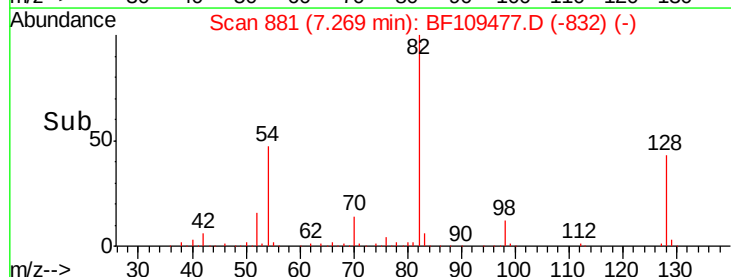
54 47.4 41.4 62.2

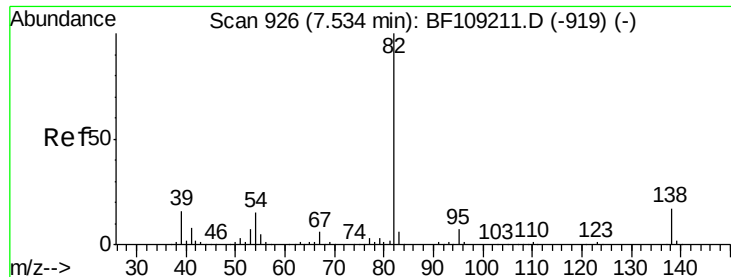


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

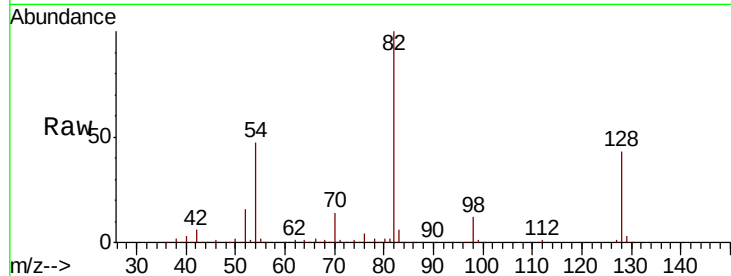




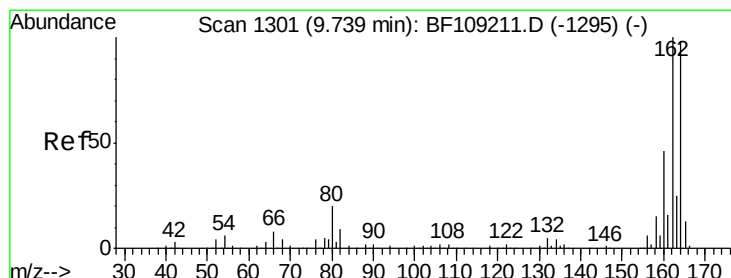
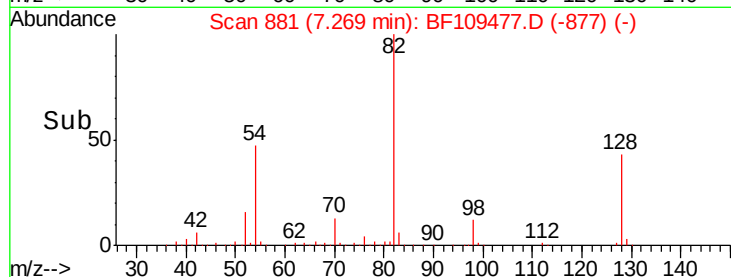
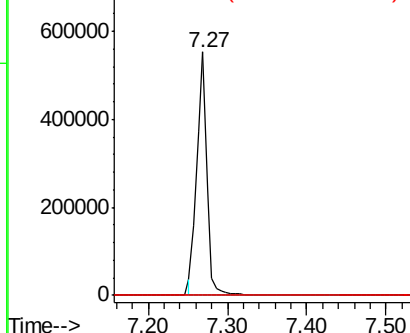
#25
Isophorone
Concen: 37.128 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109477.D
Acq: 1 Oct 2018 17:20

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042

Tot Ion: 82 Resp: 500094
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

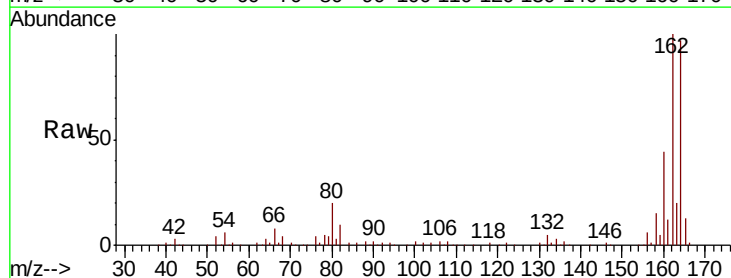


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

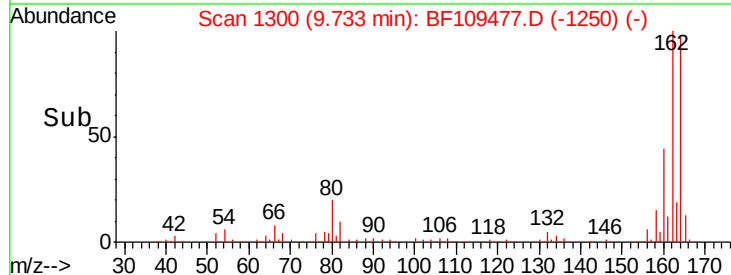
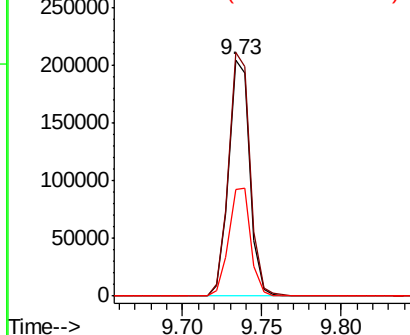


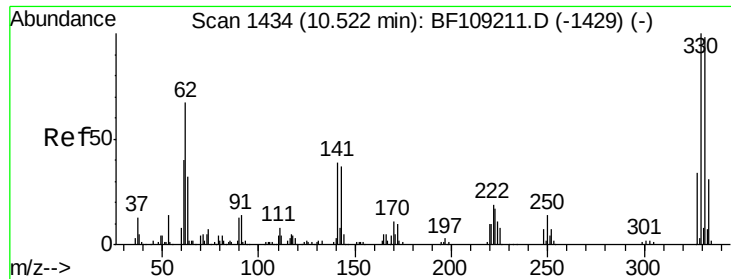
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109477.D
Acq: 1 Oct 2018 17:20

Tgt Ion: 164 Resp: 189209
Ion Ratio Lower Upper
164 100
162 103.1 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

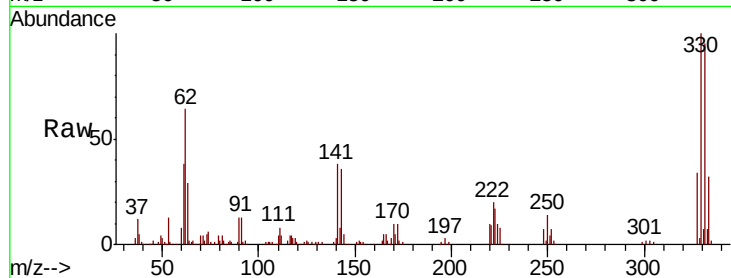




#41
 2,4,6-Tribromophenol
 Concen: 92.815 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109477.D
 Acq: 1 Oct 2018 17:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.4	29.9	44.9

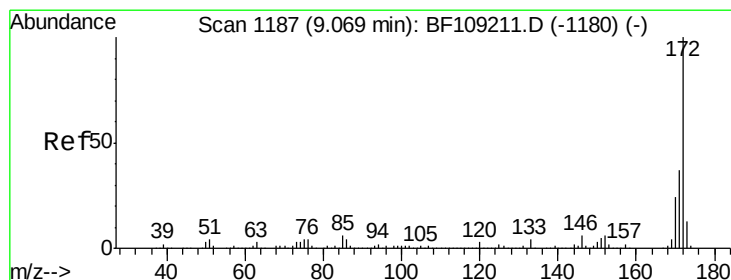
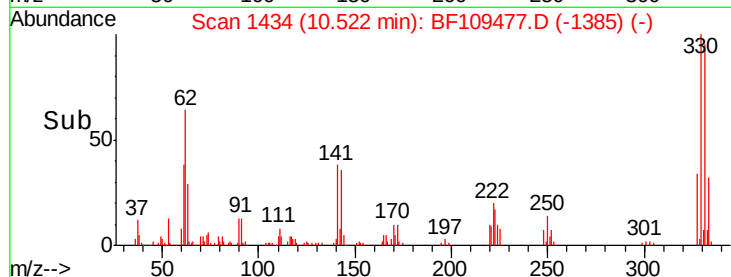
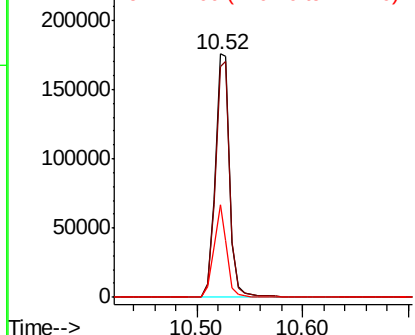


Abundance

Ion 329.80 (329.50 to 330.50): E

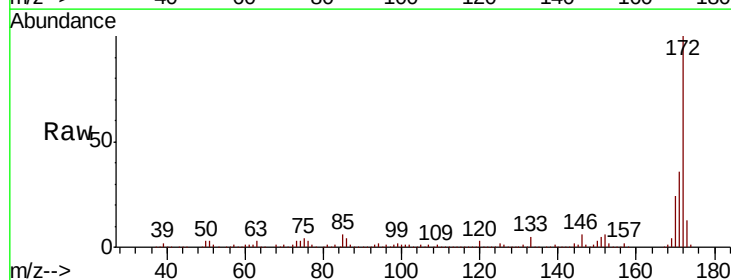
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.449 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109477.D
 Acq: 1 Oct 2018 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4

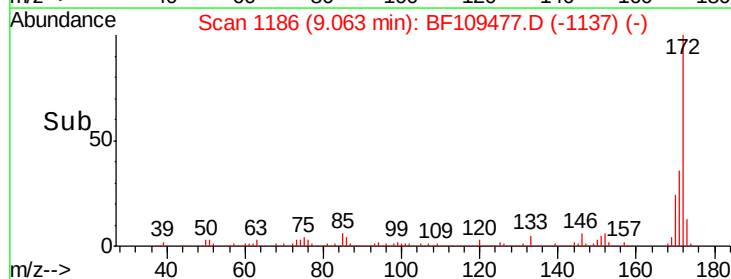
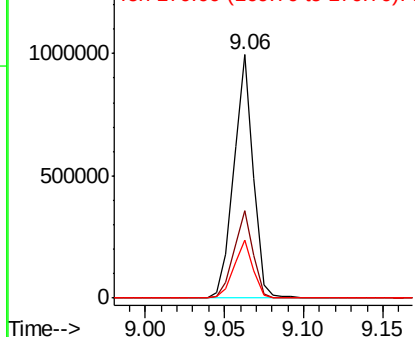


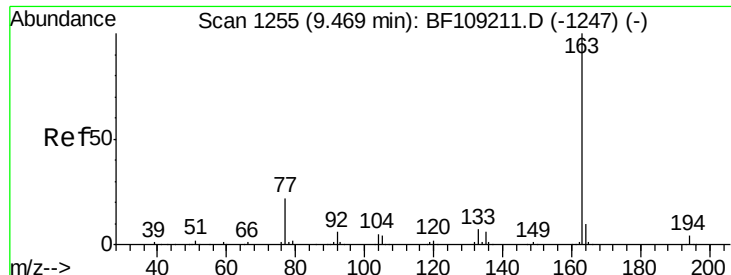
Abundance

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

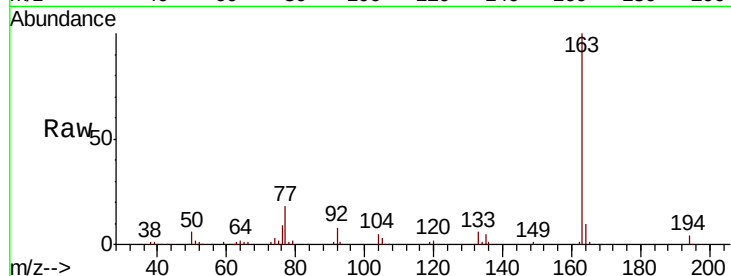




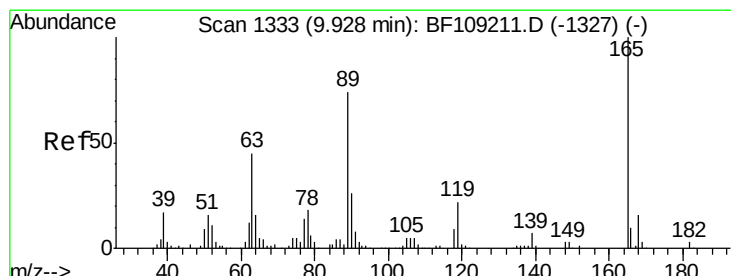
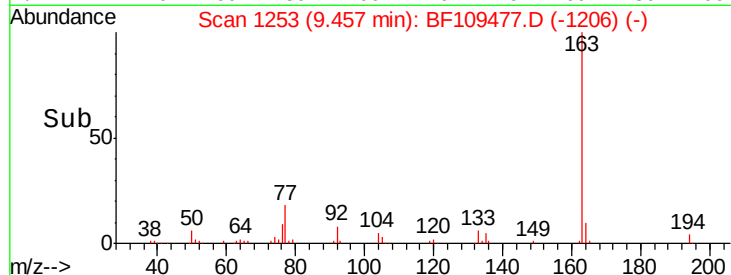
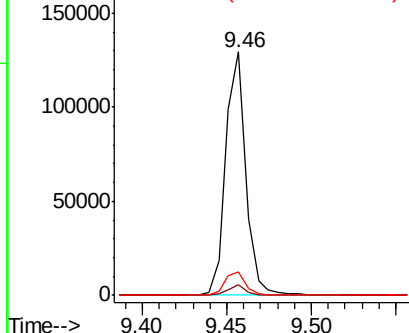
#49
Dimethylphthalate
Concen: 7.791 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109477.D
Acq: 1 Oct 2018 17:20

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042

Tot Ion:163 Resp: 107213
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.8 8.2 12.2

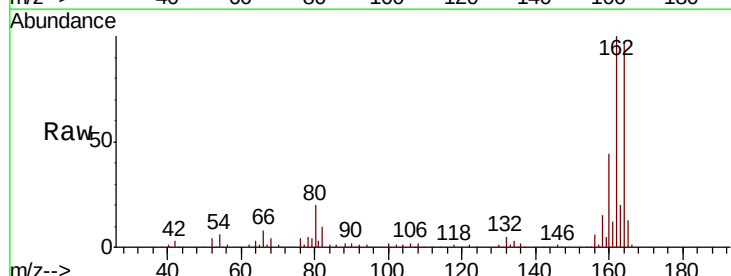


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

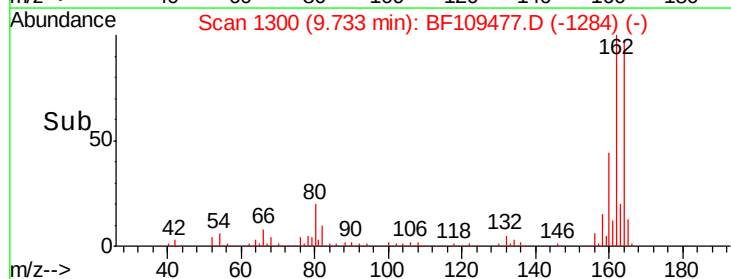
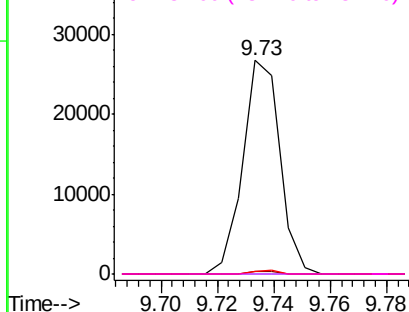


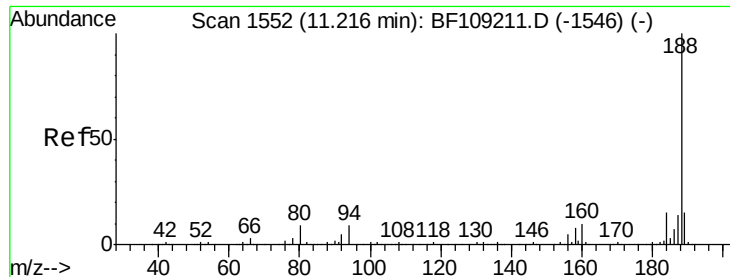
#56
2,4-Dinitrotoluene
Concen: 7.061 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109477.D
Acq: 1 Oct 2018 17:20

Tgt Ion:165 Resp: 24350
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.3 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

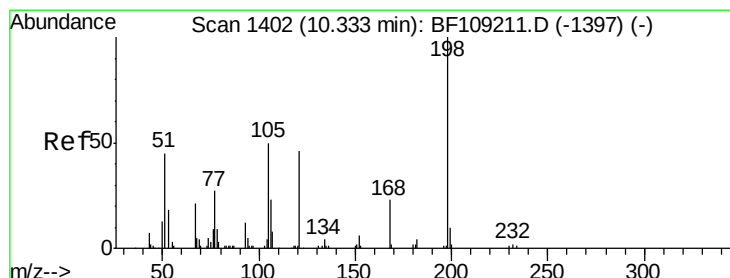
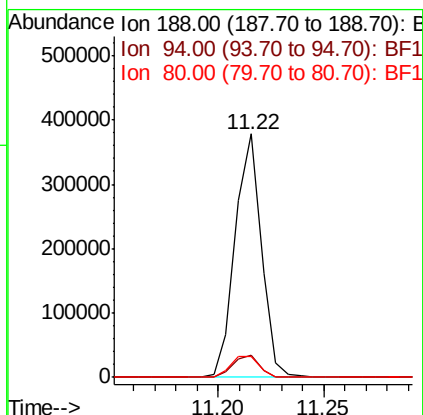
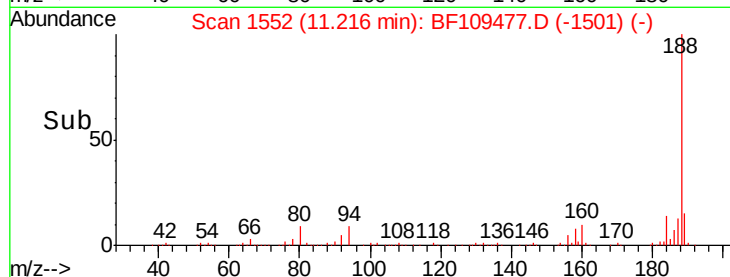
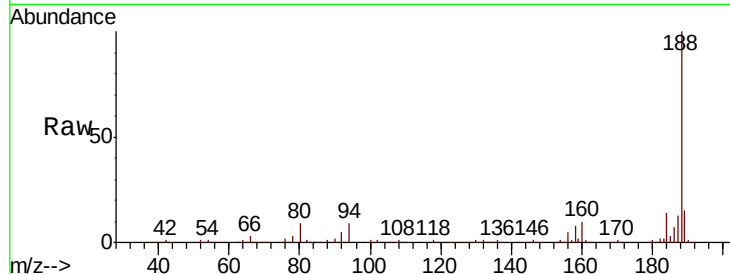




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109477.D
Acq: 1 Oct 2018 17:20

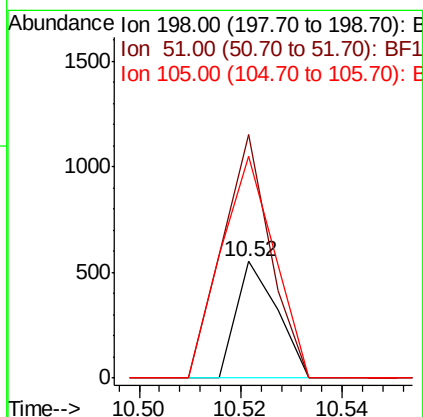
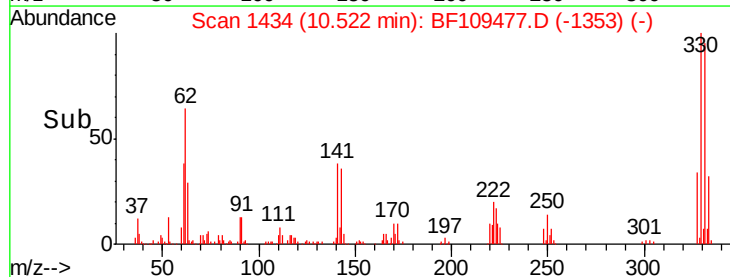
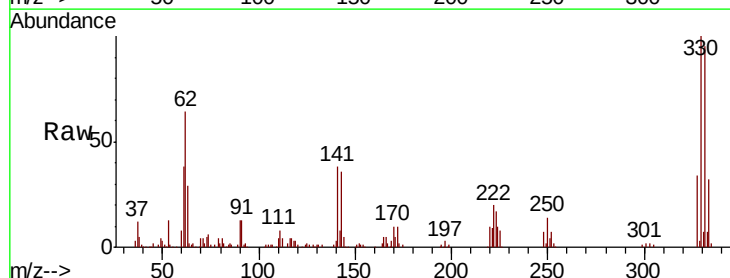
Instrument :
BNA_F
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FK-PS-01-042

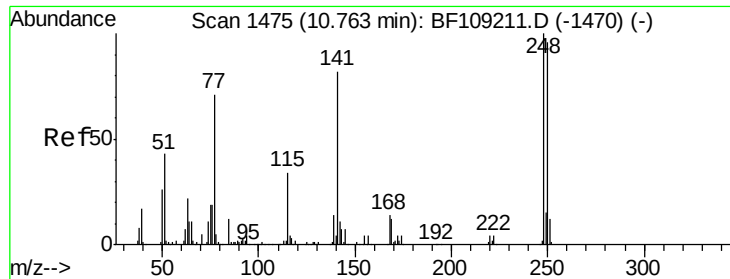
Tot Ion:188 Resp: 323979
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 8.8 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 6.724 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109477.D
Acq: 1 Oct 2018 17:20

Tgt Ion:198 Resp: 307
Ion Ratio Lower Upper
198 100
51 209.5 37.7 77.7#
105 190.4 36.3 76.3#

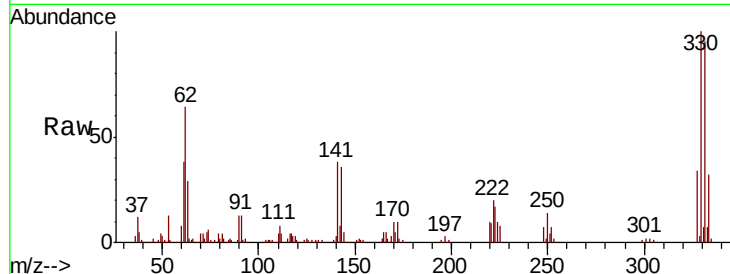




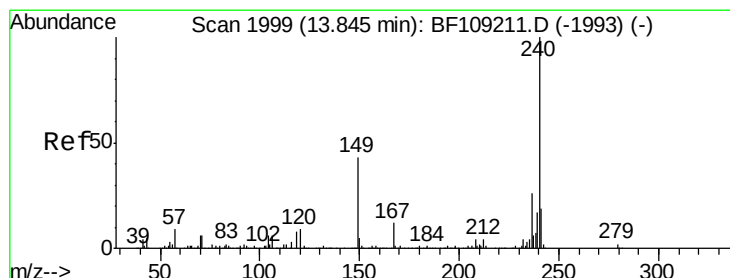
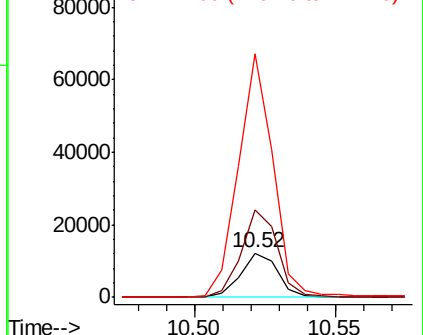
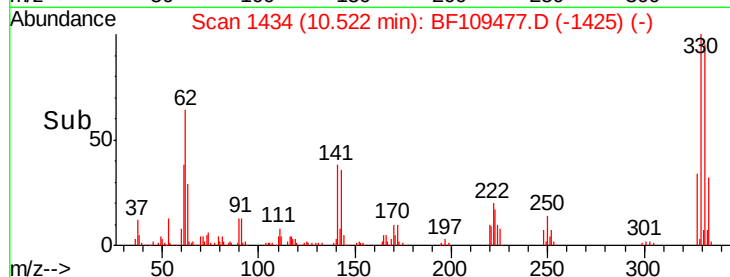
#66
4-Bromophenyl-phenylether
Concen: 3.096 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109477.D
Acq: 1 Oct 2018 17:20

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042

Tot Ion:248 Resp: 11139
Ion Ratio Lower Upper
248 100
250 198.3 76.9 115.3#
141 551.9 74.4 111.6#

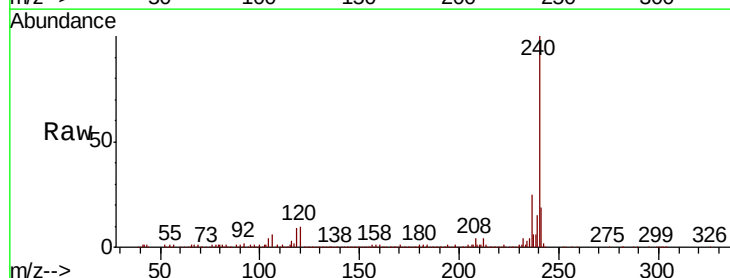


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

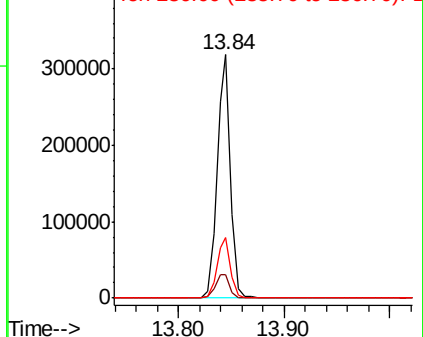
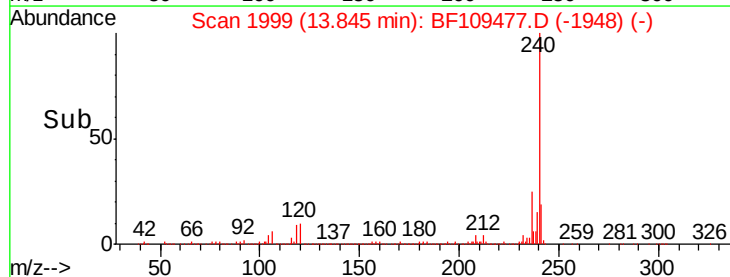


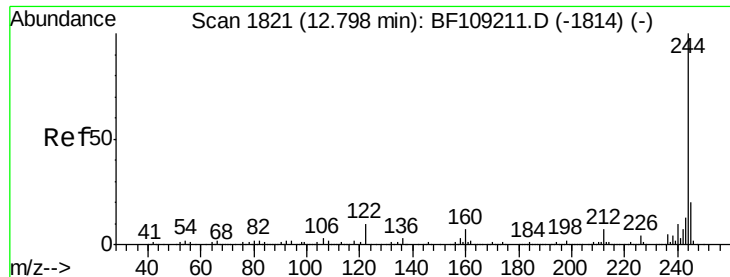
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109477.D
Acq: 1 Oct 2018 17:20

Tgt Ion:240 Resp: 283671
Ion Ratio Lower Upper
240 100
120 9.5 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: 60.569 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109477.D

Acq: 1 Oct 2018 17:20

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042

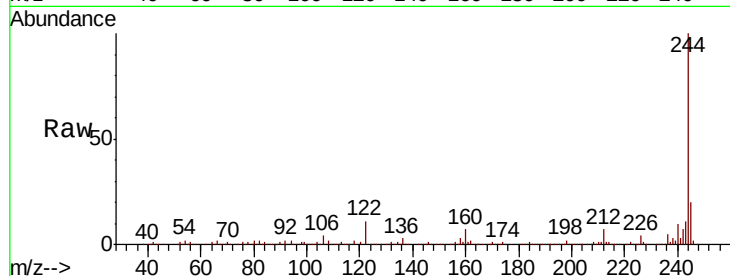
Tot Ion:244 Resp: 700107

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

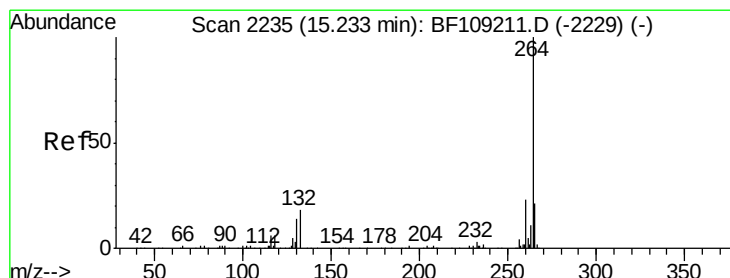
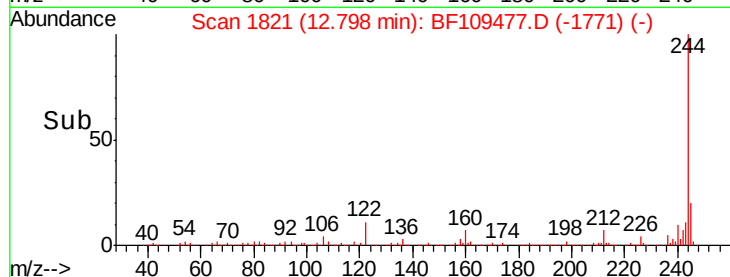
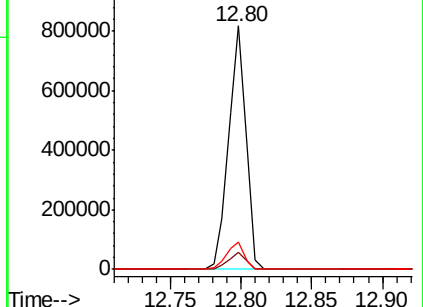
122 11.0 11.0 16.4



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: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109477.D

Acq: 1 Oct 2018 17:20

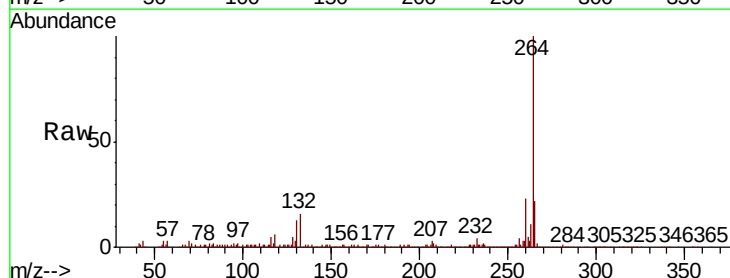
Tgt Ion:264 Resp: 203010

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

