

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109011.D
 Acq On : 14 Sep 2018 22:41
 Operator : JU/SJ
 Sample : J4883-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV30518L

Quant Time: Sep 15 00:11:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

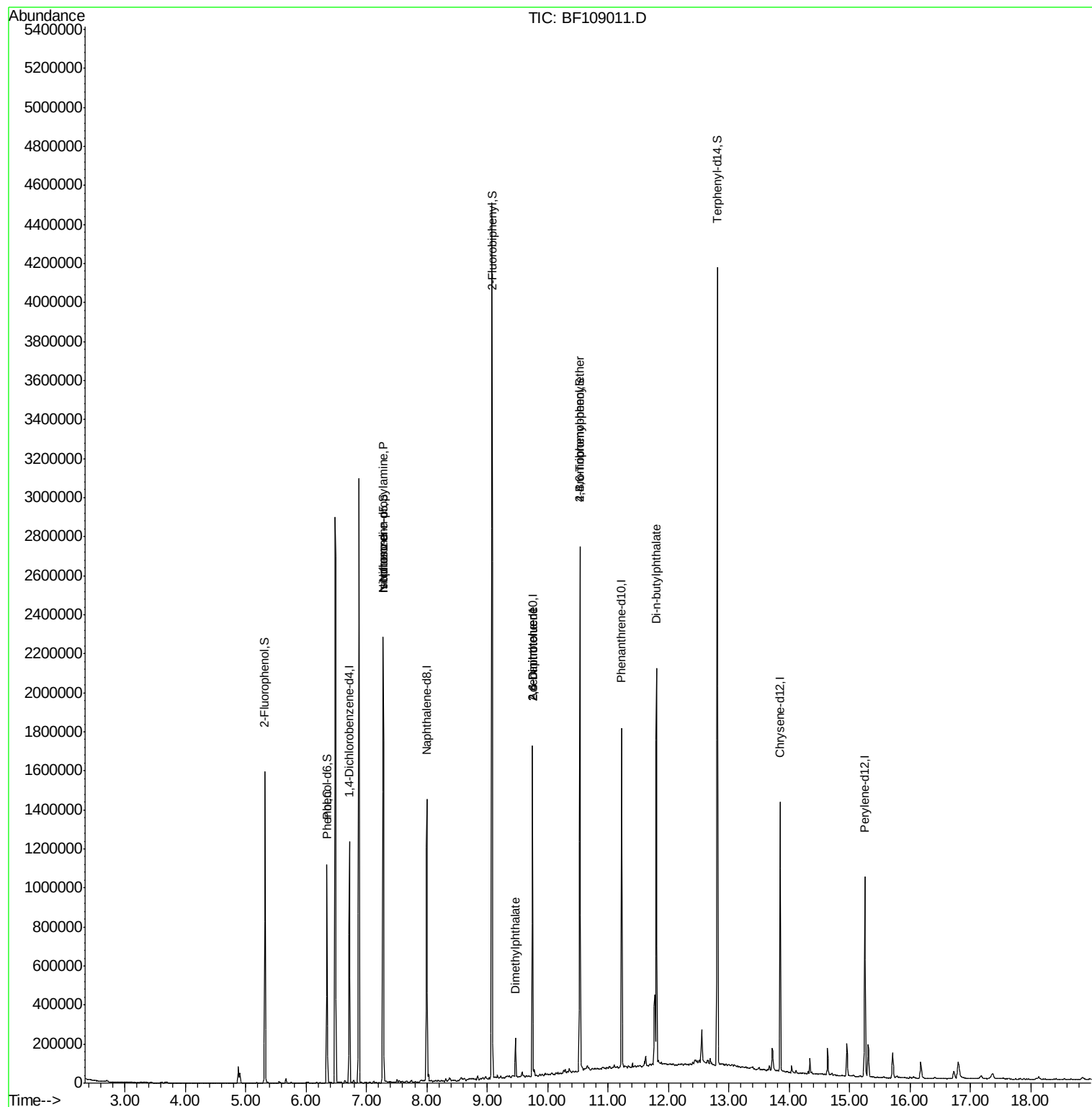
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163218	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	634882	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	317040	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	607025	20.00	ng	0.00
75) Chrysene-d12	13.85	240	456529	20.00	ng	-0.01
86) Perylene-d12	15.25	264	421977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	464805	47.30	ng	0.00
7) Phenol-d6	6.34	99	368935	29.11	ng	-0.02
23) Nitrobenzene-d5	7.28	82	823776	72.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	347866	101.10	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1413586	69.86	ng	0.00
78) Terphenyl-d14	12.81	244	1496464	77.70	ng	0.00
Target Compounds						
10) Phenol	6.35	94	39298	2.756	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.28	70	111272	13.285	ng	# 78
25) Isophorone	7.28	82	817059	41.992	ng	# 64
49) Dimethylphthalate	9.47	163	72850	3.215	ng	99
50) 2,6-Dinitrotoluene	9.75	165	40634	8.086	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	40634	6.183	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	21548	3.149	ng	# 1
73) Di-n-butylphthalate	11.80	149	1007787	28.833	ng	100

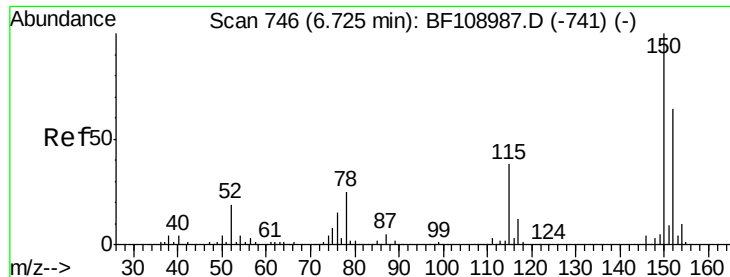
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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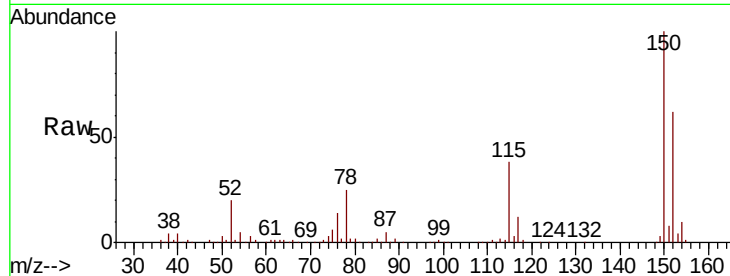


#1

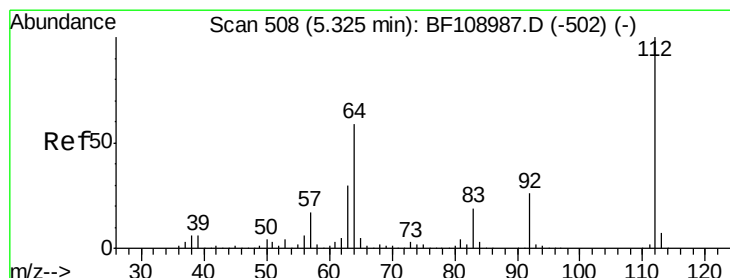
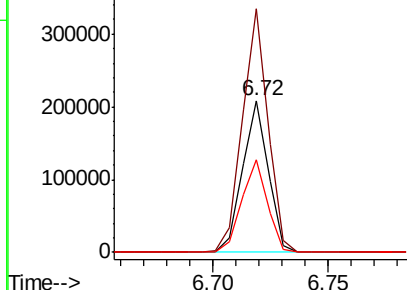
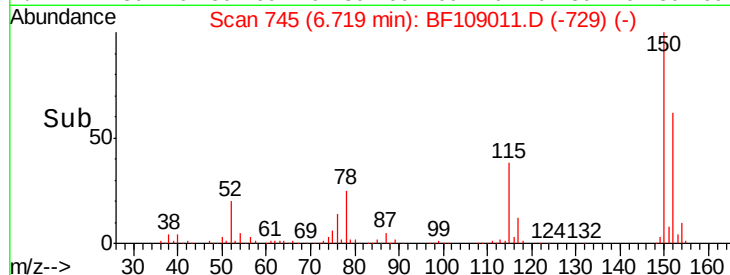
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

Instrument :
 BNA_F
 ClientSampleId :
 SV30518L

Tgt Ion:152 Resp: 163218
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.6 186.8
 115 61.2 50.1 75.1



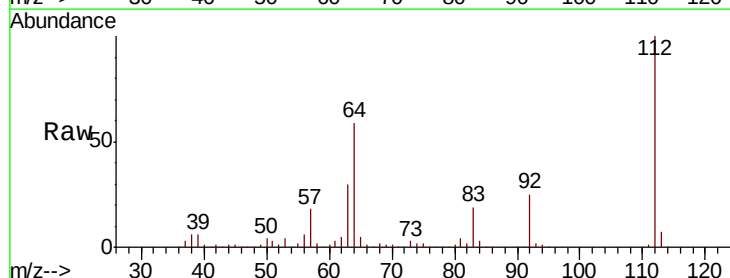
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



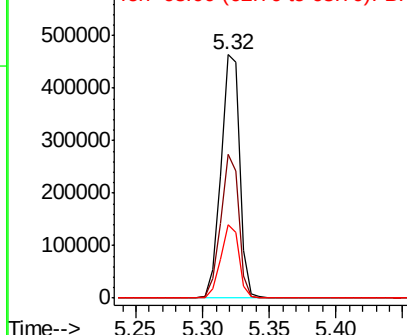
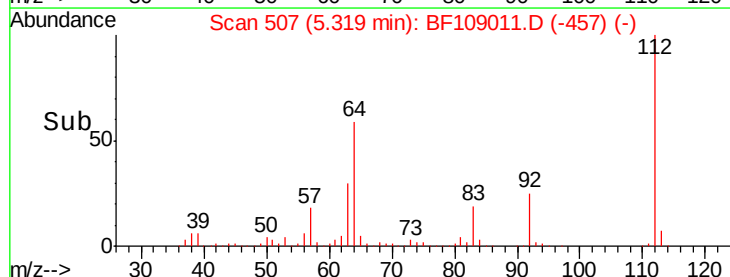
#5

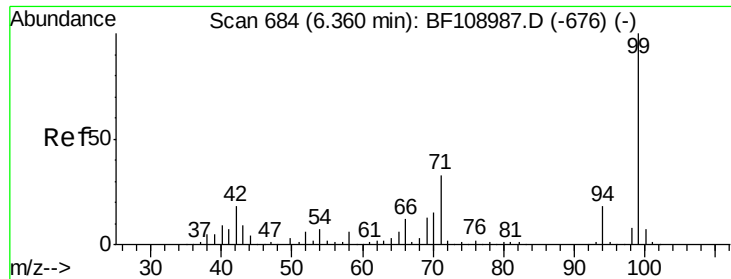
2-Fluorophenol
 Concen: 47.298 ng
 RT: 5.32 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

Tgt Ion:112 Resp: 464805
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 30.1 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: 29.115 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

Instrument :

BNA_F

ClientSampleId :

SV30518L

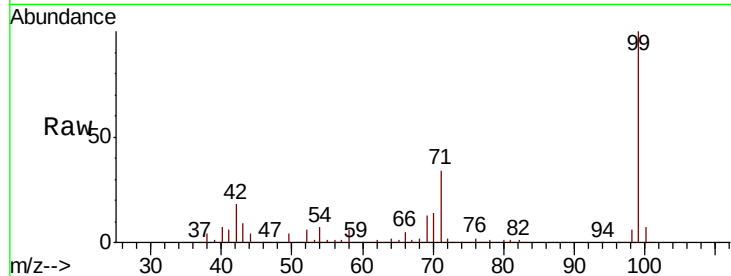
Tgt Ion: 99 Resp: 368935

Ion Ratio Lower Upper

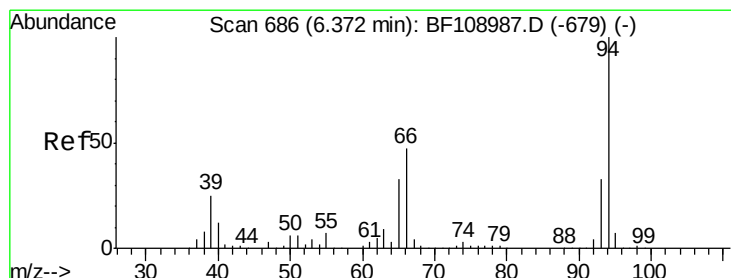
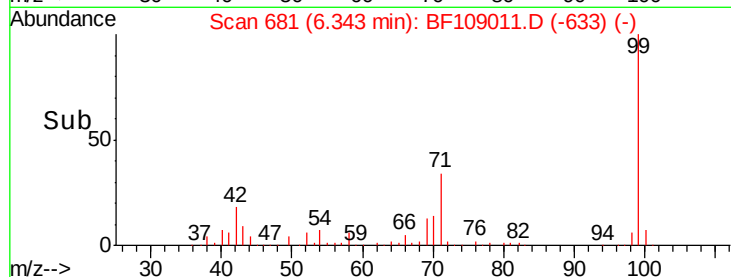
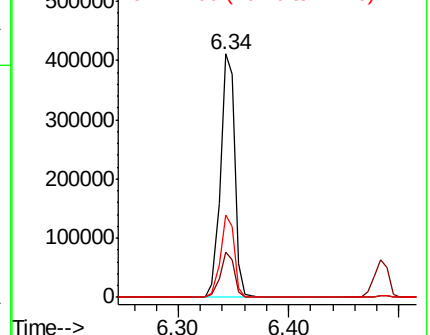
99 100

42 18.4 14.5 21.7

71 33.6 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



#10

Phenol

Concen: 2.756 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

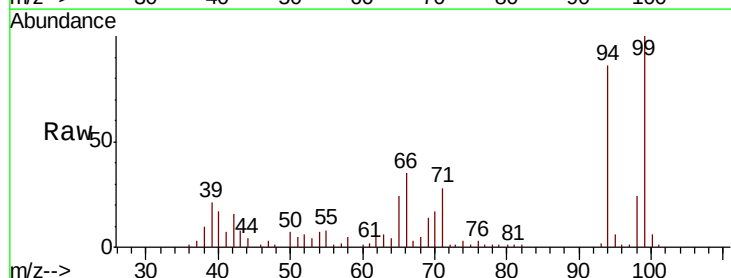
Tgt Ion: 94 Resp: 39298

Ion Ratio Lower Upper

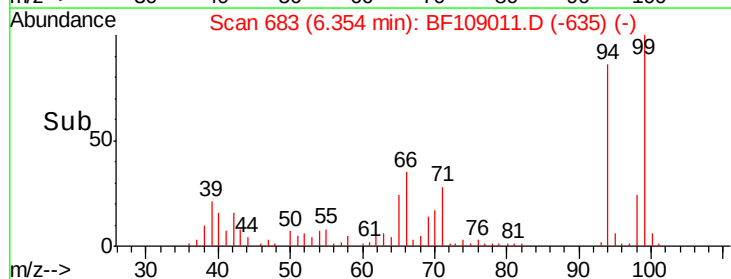
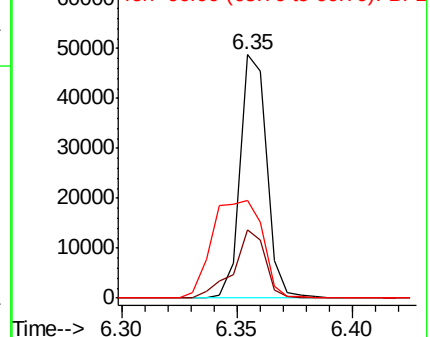
94 100

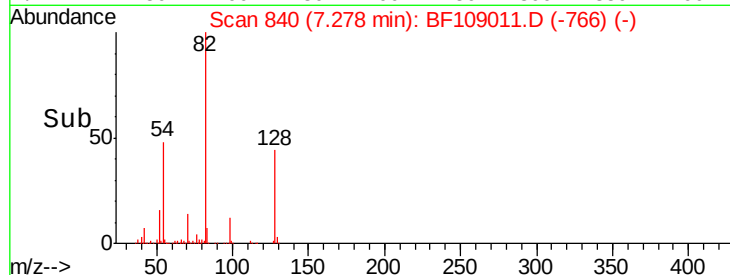
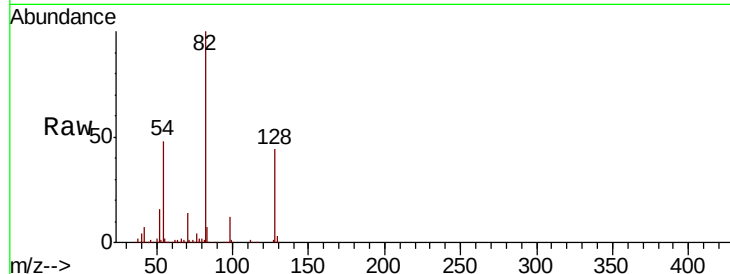
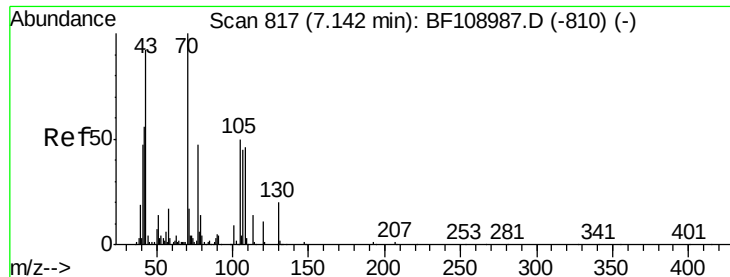
65 28.3 7.9 47.9

66 40.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

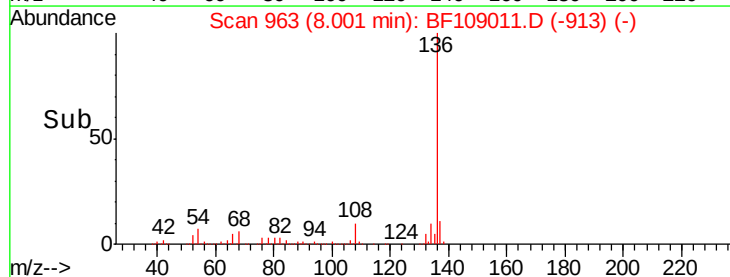
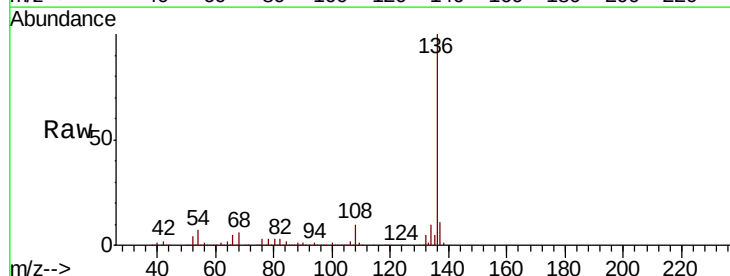
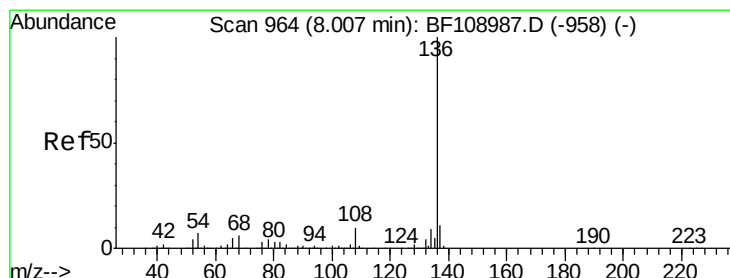
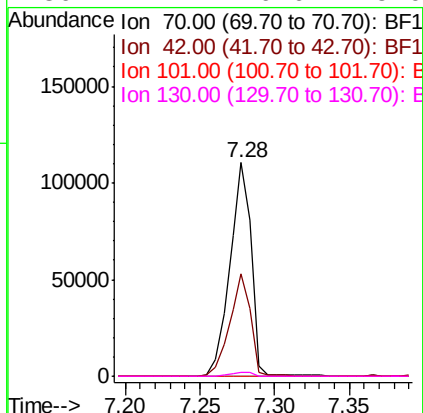




#19
n-Nitroso-di-n-propylamine
Concen: 13.285 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

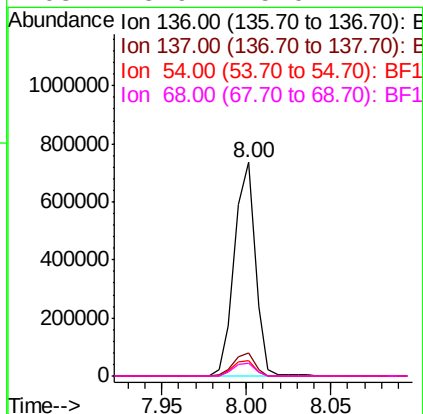
Instrument :
BNA_F
ClientSampleId :
SV30518L

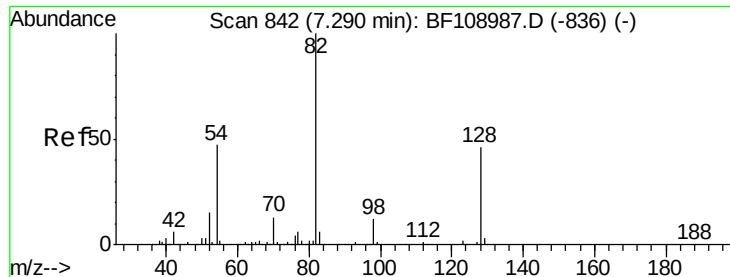
Tgt Ion: 70 Resp: 111272
Ion Ratio Lower Upper
70 100
42 48.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Tgt Ion: 136 Resp: 634882
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.9 6.6 9.8
68 5.9 5.0 7.4

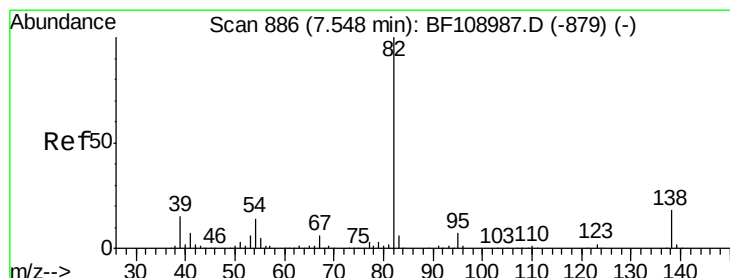
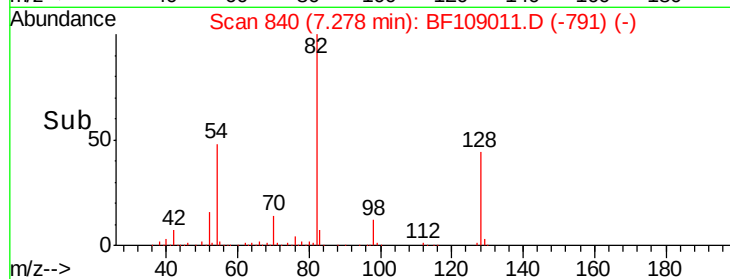
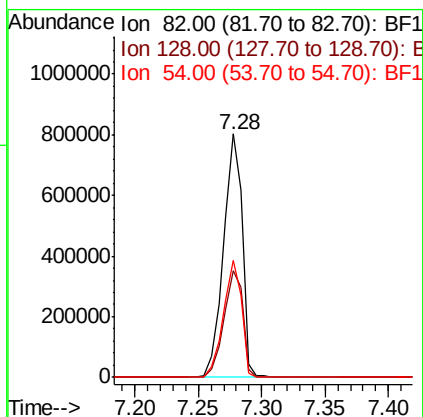
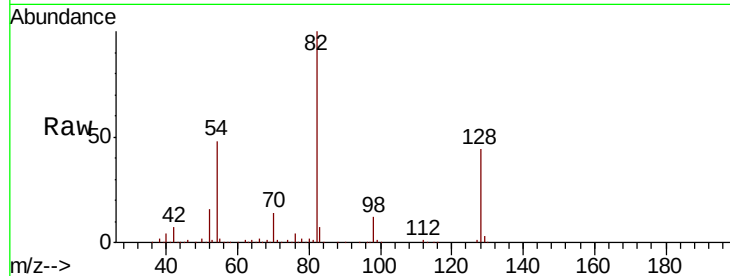




#23
 Nitrobenzene-d5
 Concen: 72.776 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

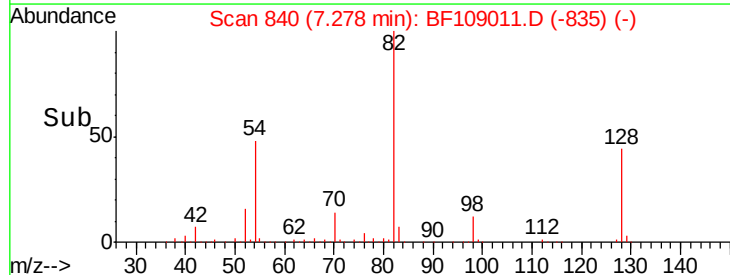
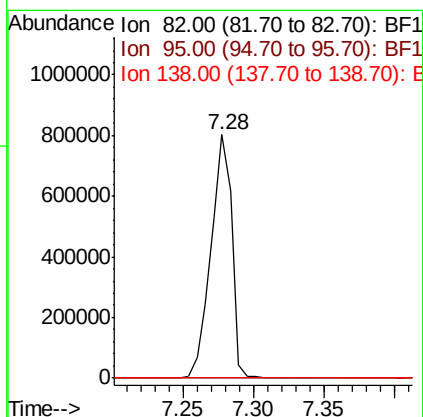
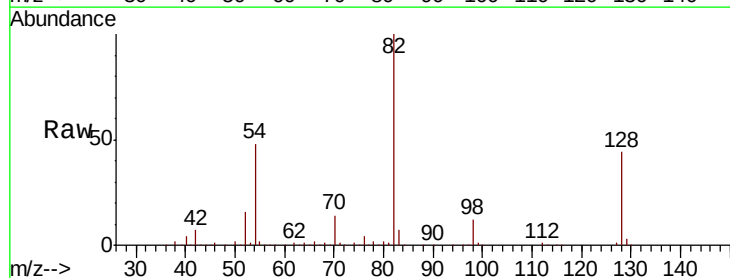
Instrument :
 BNA_F
 ClientSampled :
 SV30518L

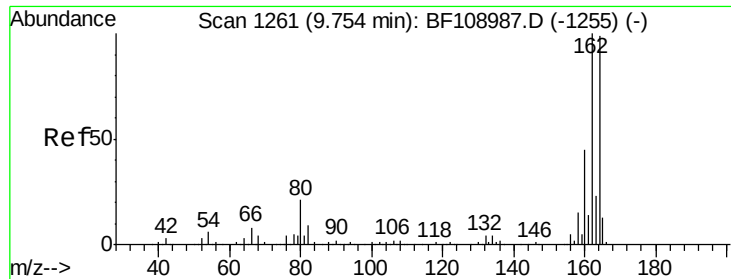
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	48.2	41.4	62.2



#25
 Isophorone
 Concen: 41.992 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.27 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

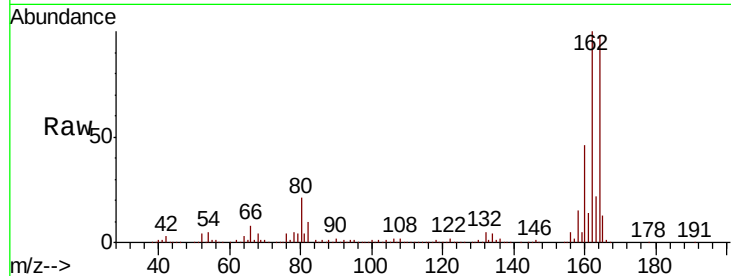




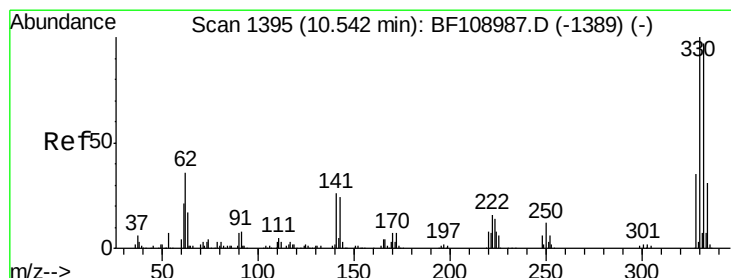
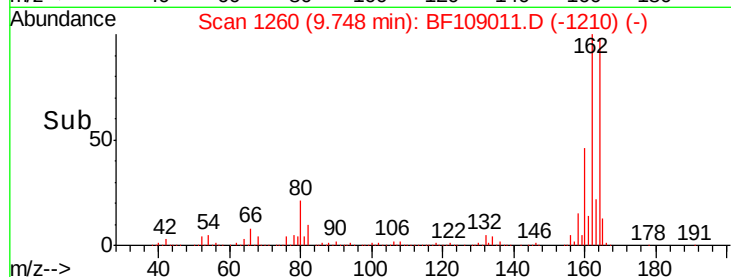
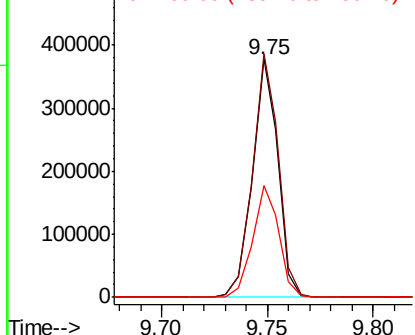
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

Instrument :
 BNA_F
 ClientSampleId :
 SV30518L

Tgt Ion:164 Resp: 317040
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 47.1 38.3 57.5

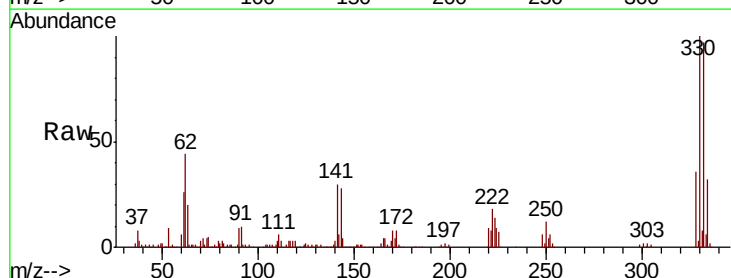


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

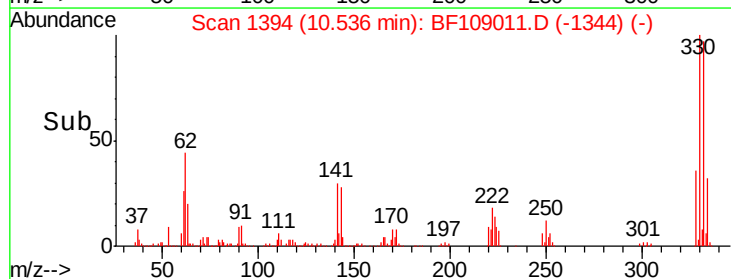
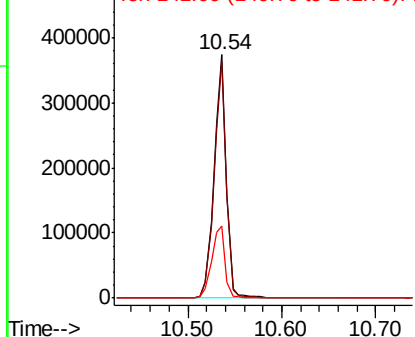


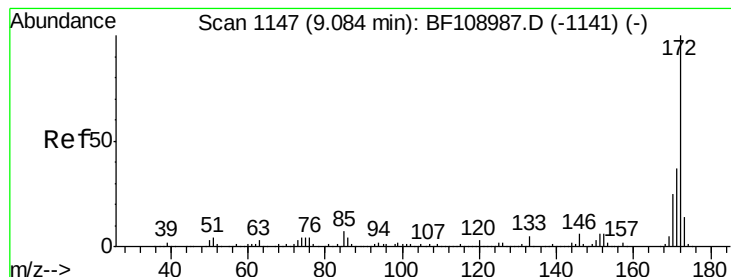
#41
 2,4,6-Tribromophenol
 Concen: 101.102 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

Tgt Ion:330 Resp: 347866
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 32.3 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: 69.856 ng

RT: 9.08 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

Instrument :

BNA_F

ClientSampleId :

SV30518L

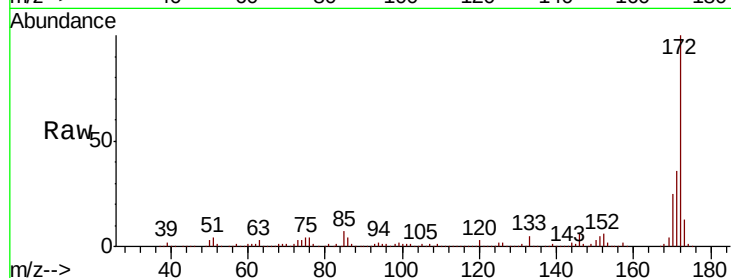
Tgt Ion:172 Resp: 1413586

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

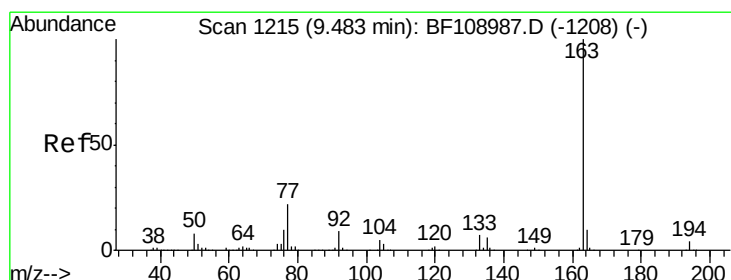
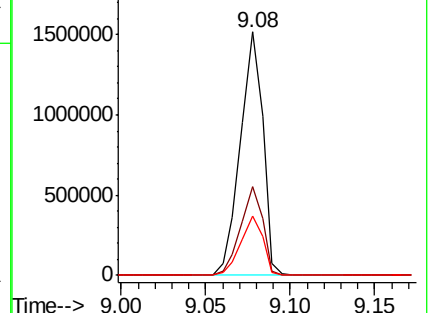
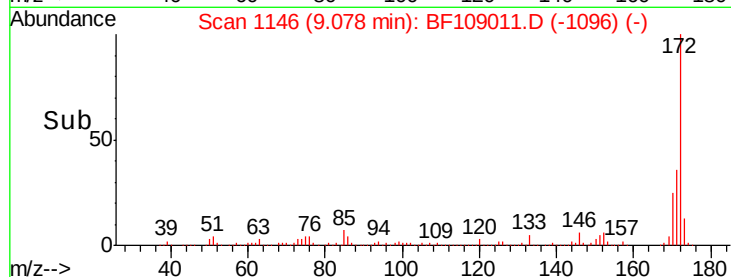
170 24.6 19.6 29.4



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: 3.215 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

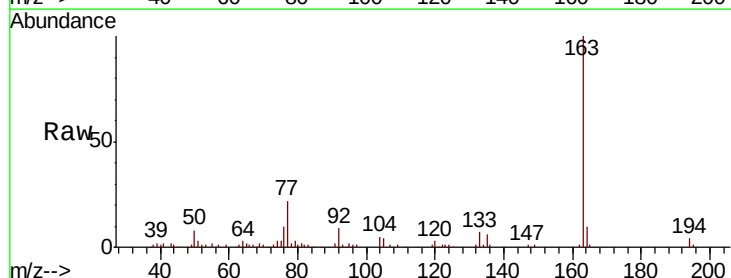
Tgt Ion:163 Resp: 72850

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

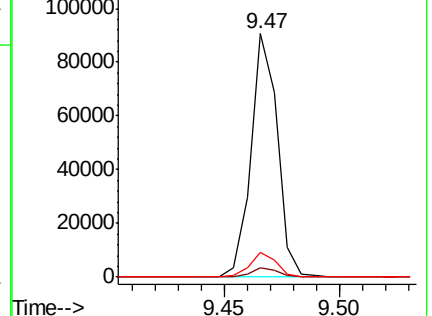
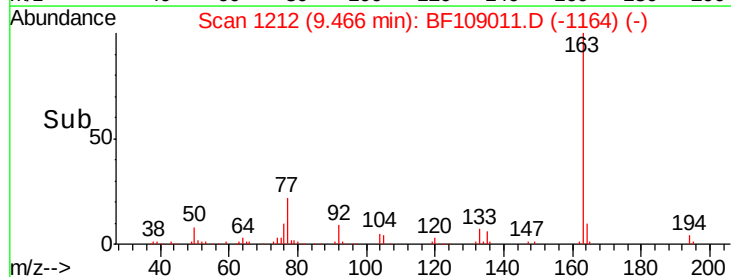
164 10.0 8.2 12.2

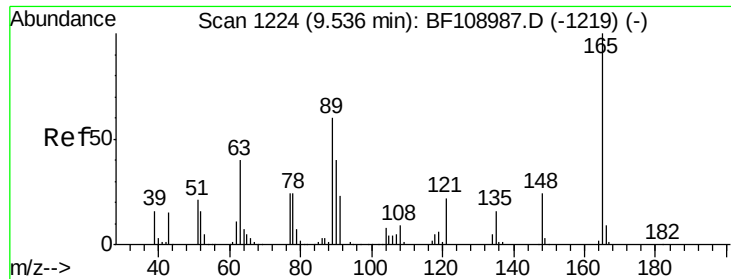


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

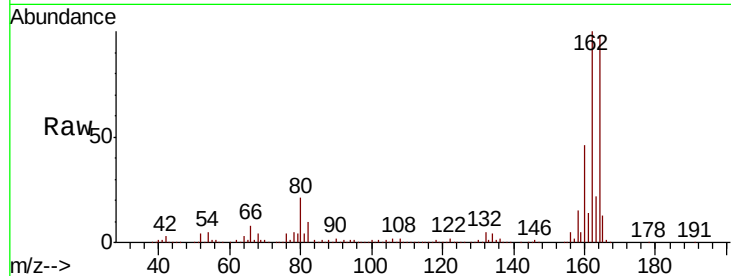




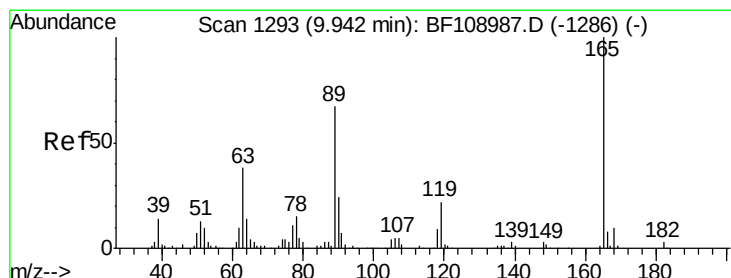
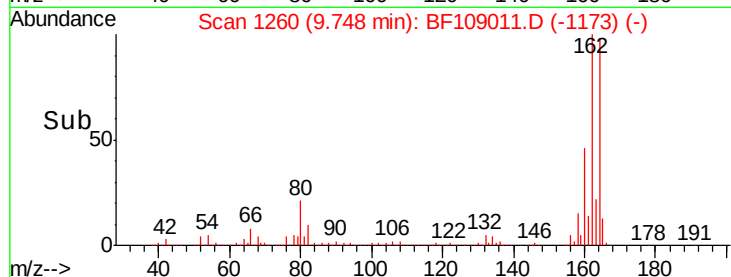
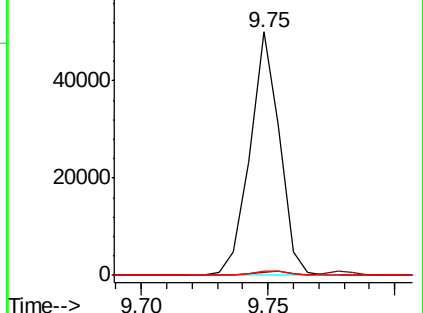
#50
 2,6-Dinitrotoluene
 Concen: 8.086 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

Instrument :
 BNA_F
 ClientSampleId :
 SV30518L

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.7	44.0	66.0#

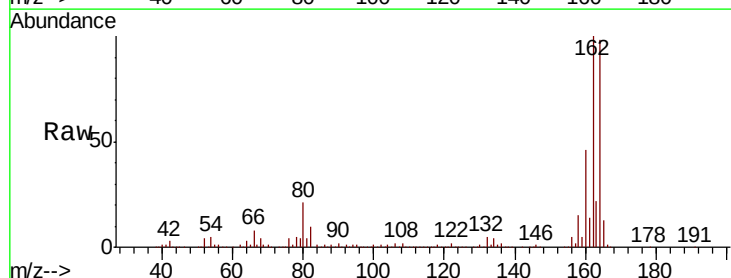


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

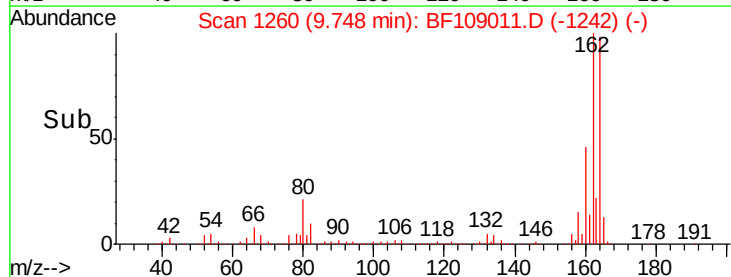
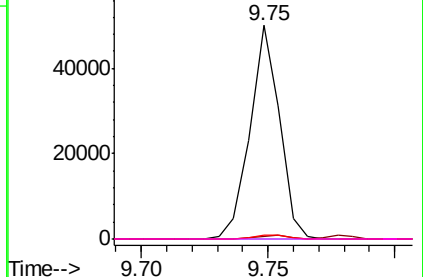


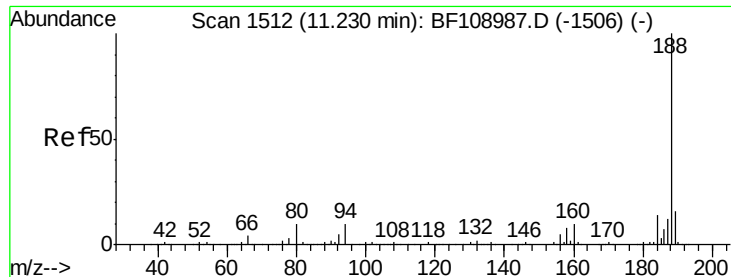
#56
 2,4-Dinitrotoluene
 Concen: 6.183 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	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: 11.22 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

Instrument :

BNA_F

ClientSampleId :

SV30518L

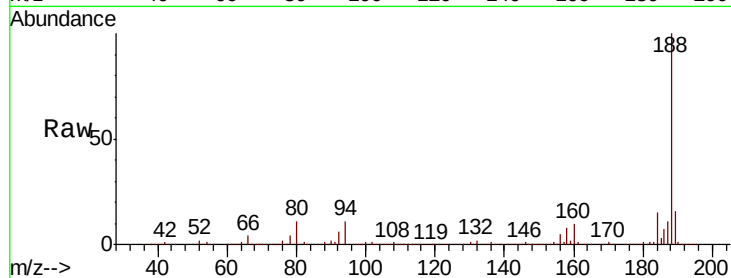
Tgt Ion:188 Resp: 607025

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

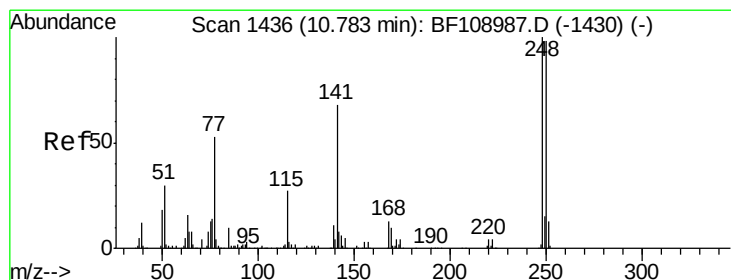
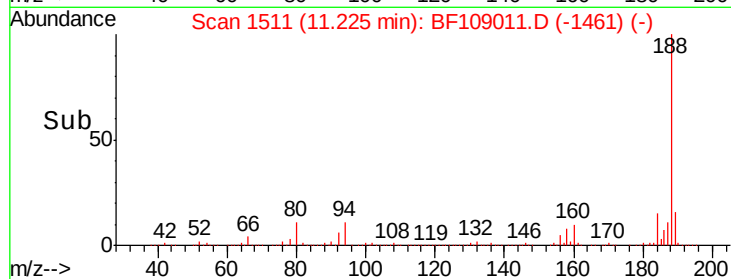
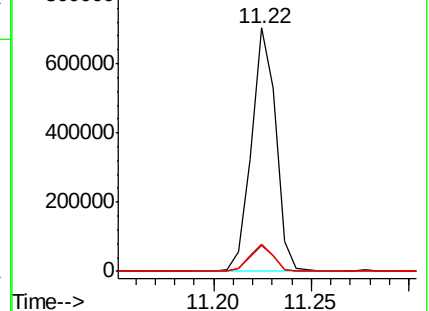
80 11.2 9.2 13.8



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: 3.149 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.25 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

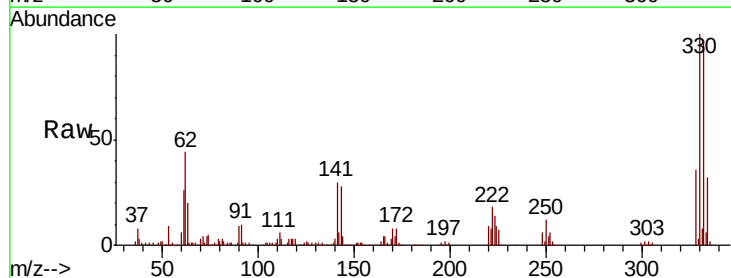
Tgt Ion:248 Resp: 21548

Ion Ratio Lower Upper

248 100

250 198.5 76.9 115.3#

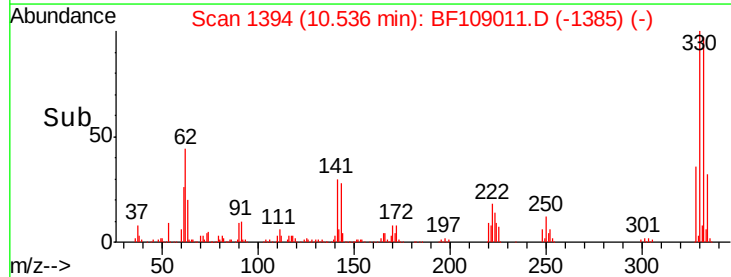
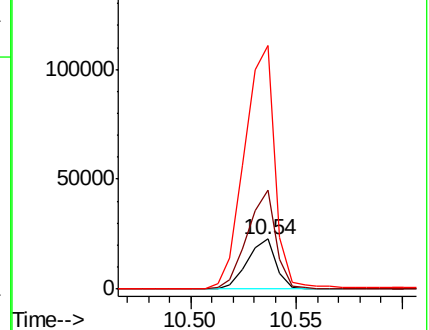
141 487.5 74.4 111.6#

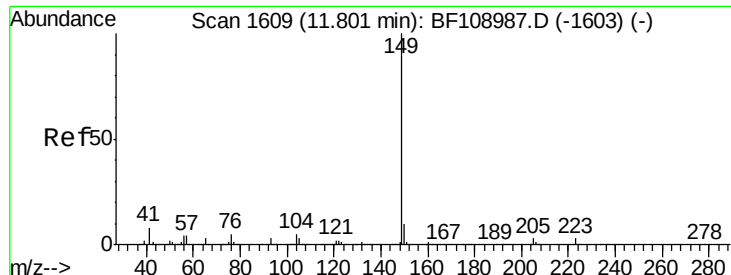


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 28.833 ng

RT: 11.80 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

Instrument :

BNA_F

ClientSampleId :

SV30518L

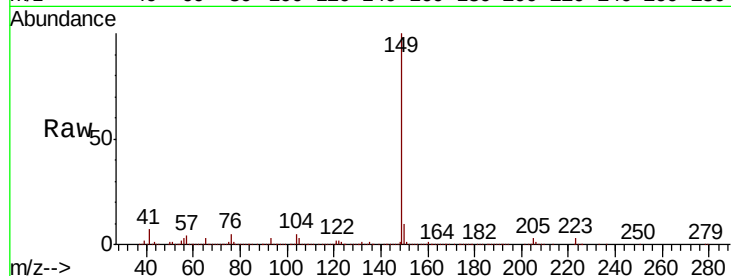
Tgt Ion:149 Resp: 1007787

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 4.9 3.8 5.8

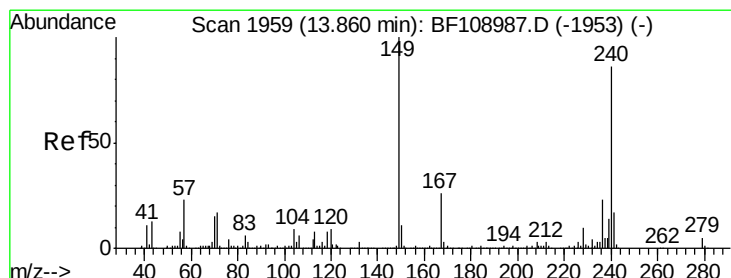
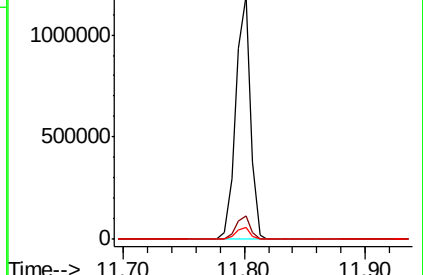
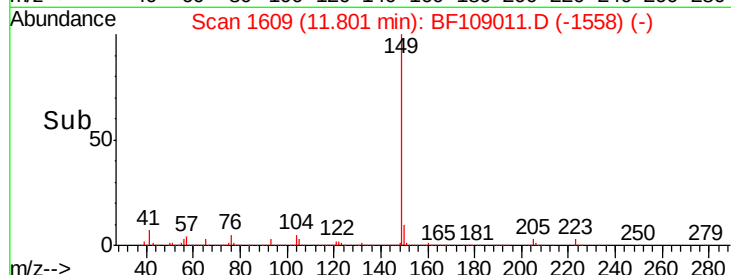


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.80



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

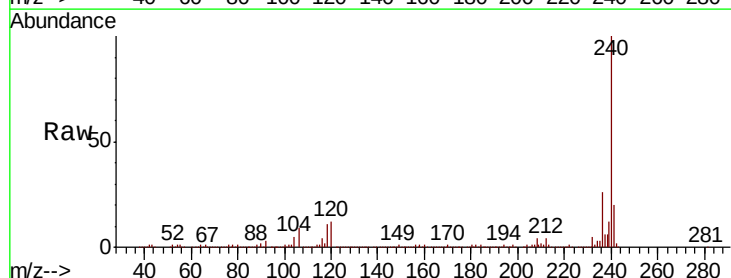
Tgt Ion:240 Resp: 456529

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

236 26.3 20.7 31.1

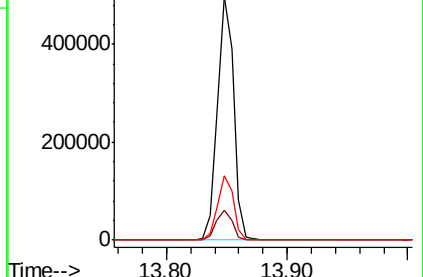
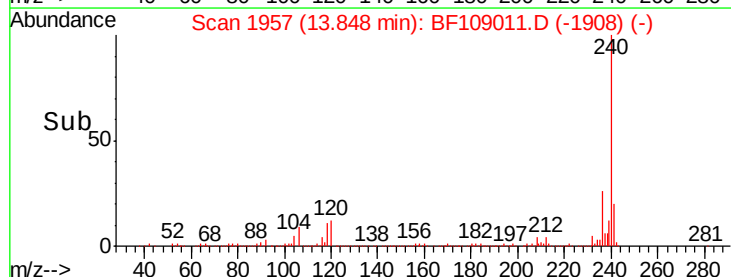


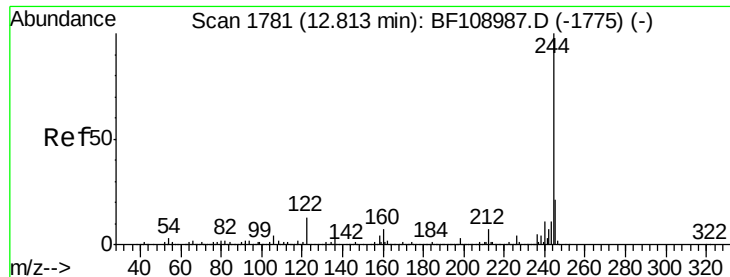
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.85





#78

Terphenyl-d14

Concen: 77.695 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

Instrument :

BNA_F

ClientSampleId :

SV30518L

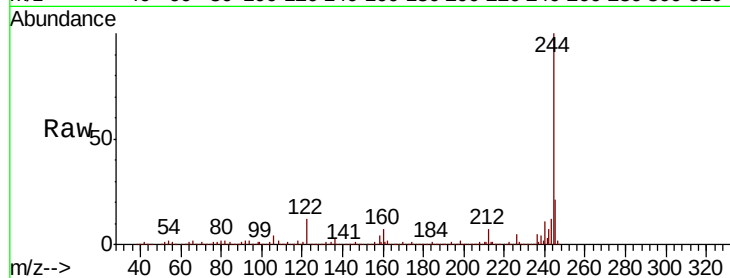
Tgt Ion:244 Resp: 1496464

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

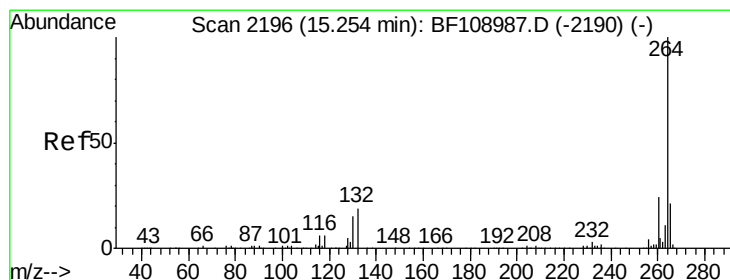
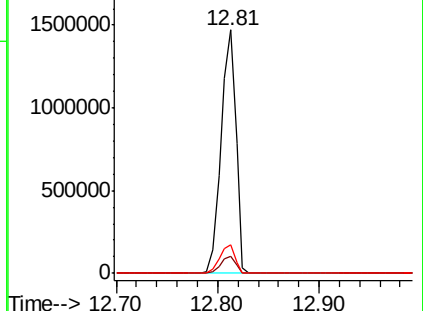
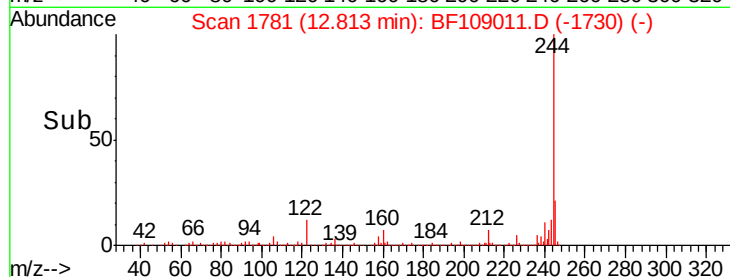
122 11.9 11.0 16.4



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: 15.25 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

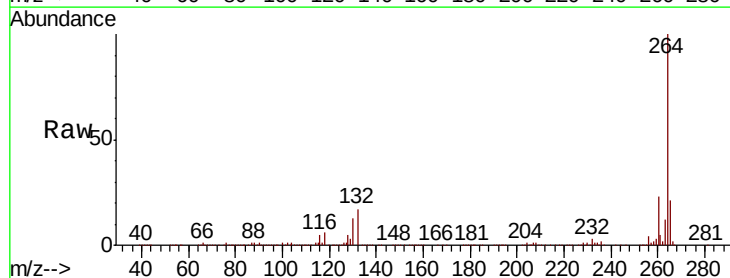
Tgt Ion:264 Resp: 421977

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.3 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

