

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109192.D
 Acq On : 20 Sep 2018 19:59
 Operator : JU/SJ
 Sample : J5004-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 07:11:55 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

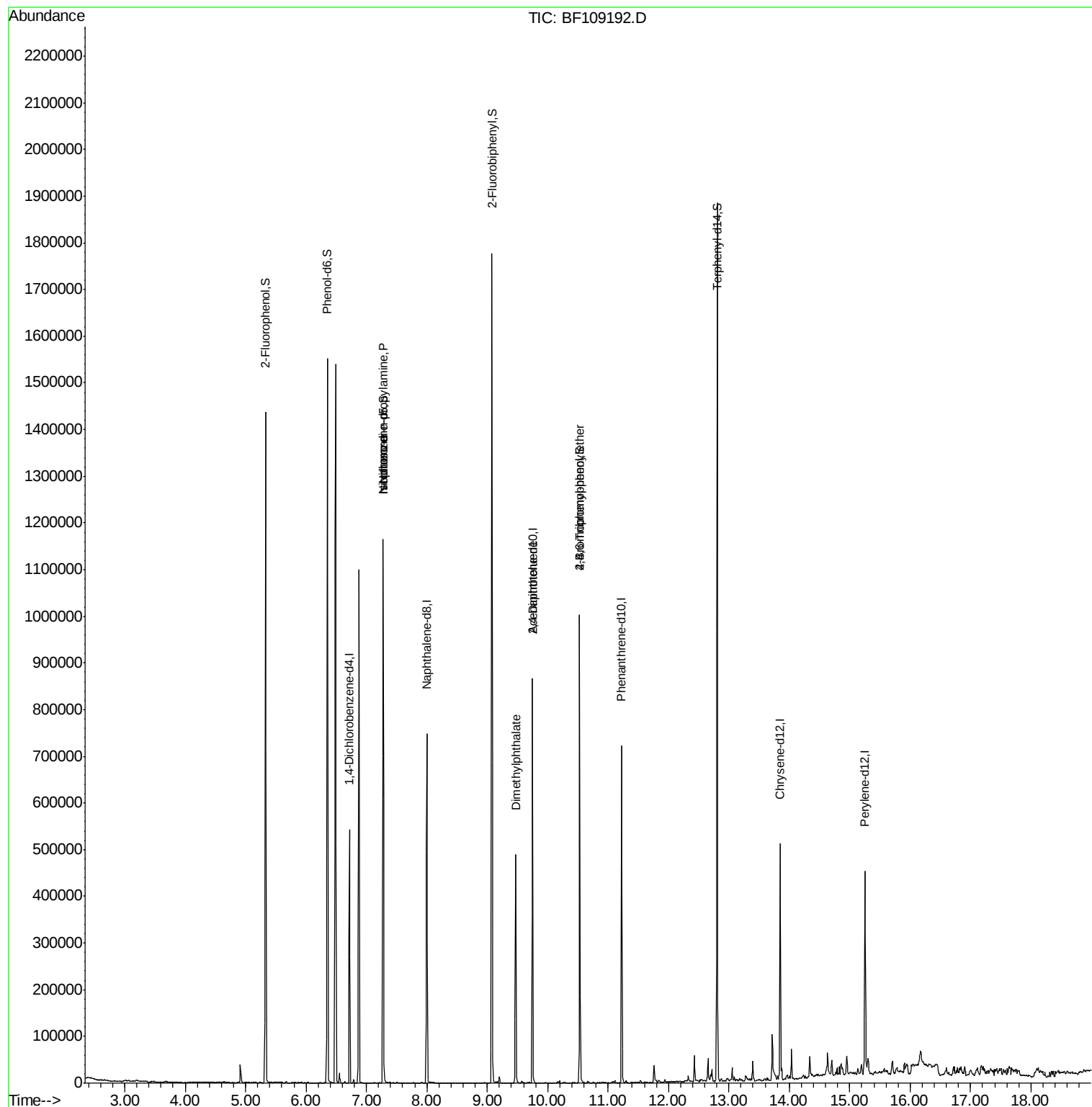
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	64093	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	302321	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	158644	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	238318	20.00	ng	0.00
75) Chrysene-d12	13.85	240	156165	20.00	ng	-0.01
86) Perylene-d12	15.25	264	172105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	394965	102.35	ng	0.00
7) Phenol-d6	6.35	99	522981	105.10	ng	0.00
23) Nitrobenzene-d5	7.28	82	359649	66.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	112558	65.38	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	545461	53.87	ng	0.00
78) Terphenyl-d14	12.81	244	578116	87.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	49086	14.924	ng	# 81
25) Isophorone	7.28	82	356403	38.466	ng	# 64
49) Dimethylphthalate	9.47	163	189914	16.749	ng	# 98
56) 2,4-Dinitrotoluene	9.75	165	20344	6.186	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	6610	2.460	ng	# 1

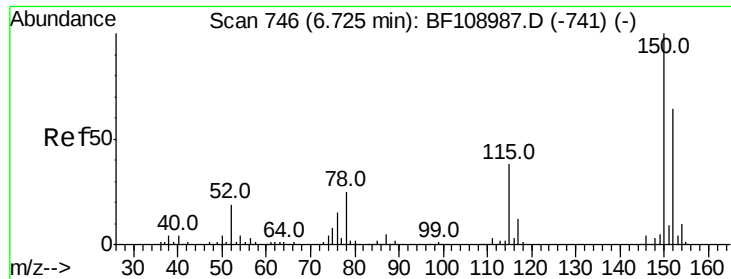
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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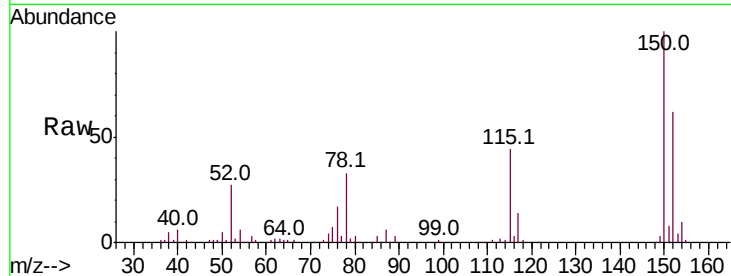


#1

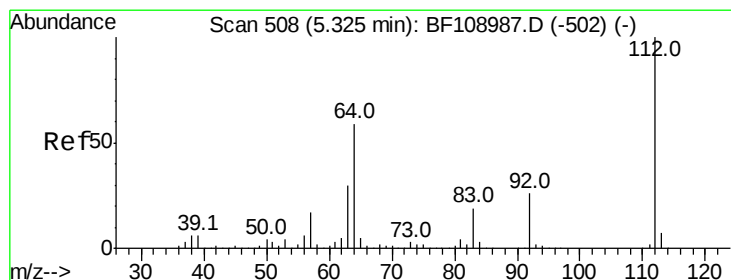
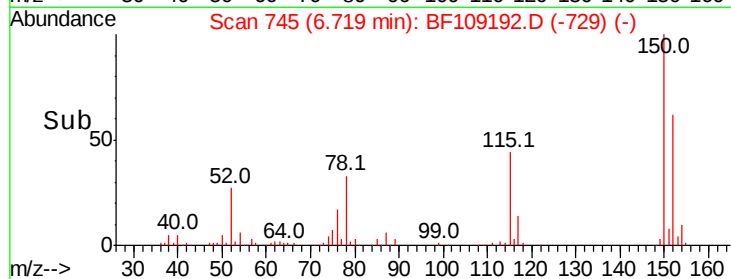
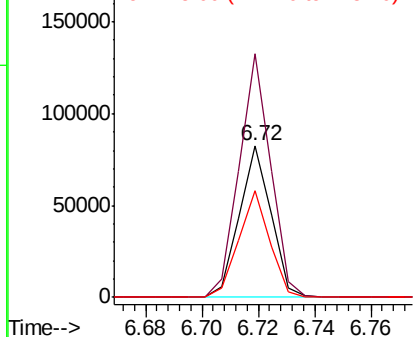
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109192.D
Acq: 20 Sep 2018 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64093
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 70.2 50.1 75.1



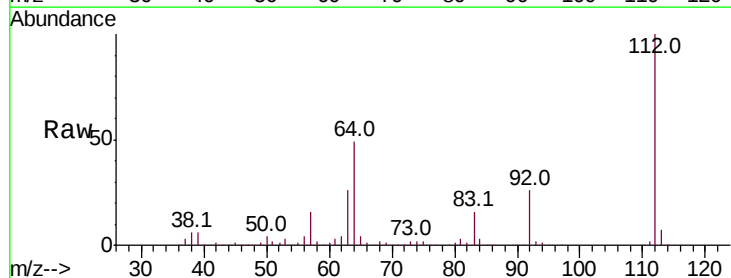
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



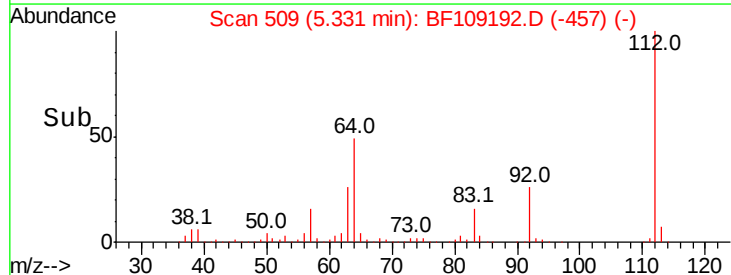
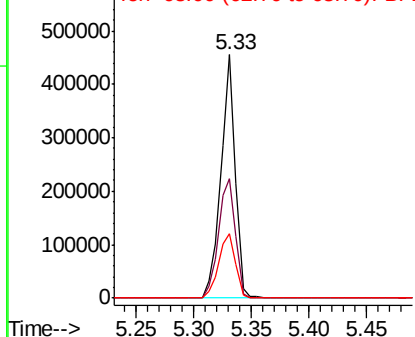
#5

2-Fluorophenol
Concen: 102.350 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109192.D
Acq: 20 Sep 2018 19:59

Tgt Ion:112 Resp: 394965
Ion Ratio Lower Upper
112 100
64 48.9 47.9 71.9
63 26.5 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: 105.102 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

Instrument :
BNA_F
ClientSampleId :

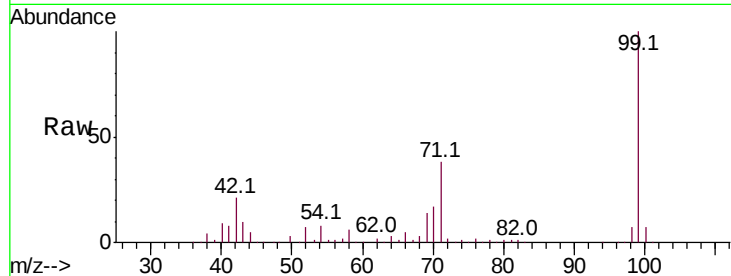
Tot Ion: 99 Resp: 522981

Ion Ratio Lower Upper

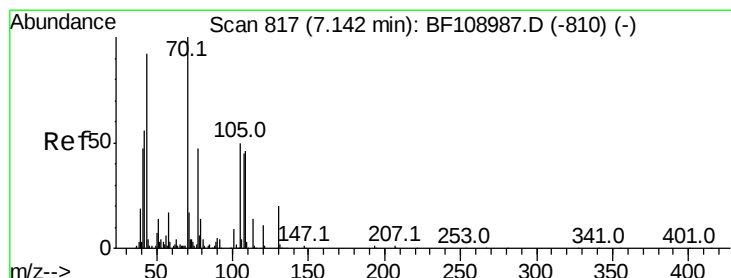
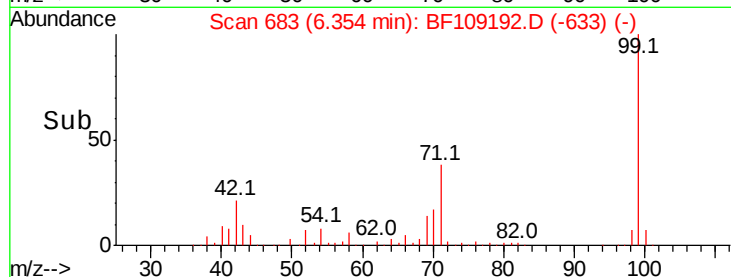
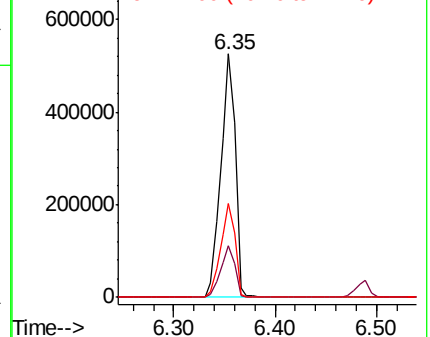
99 100

42 21.3 14.5 21.7

71 38.5 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: 14.924 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

Tgt Ion: 70 Resp: 49086

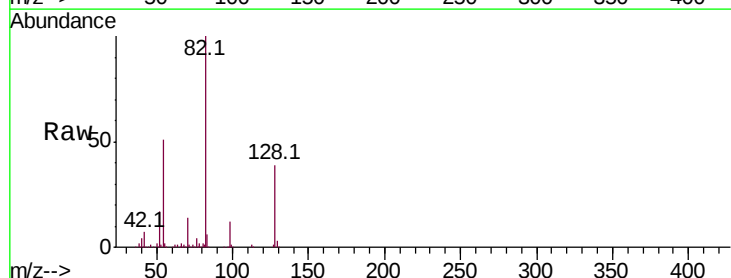
Ion Ratio Lower Upper

70 100

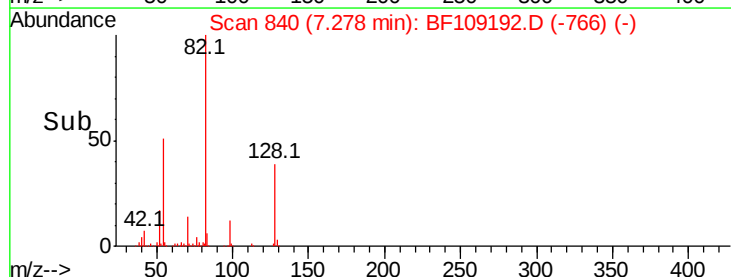
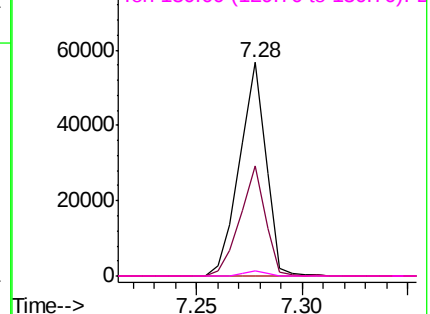
42 51.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 302321

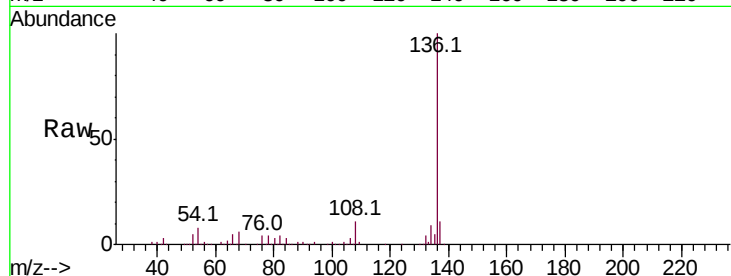
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.8 6.6 9.8

68 5.8 5.0 7.4

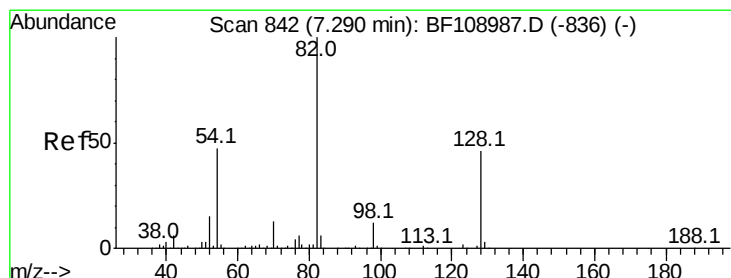
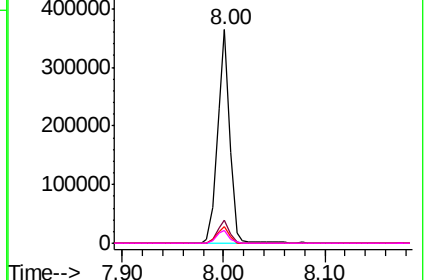
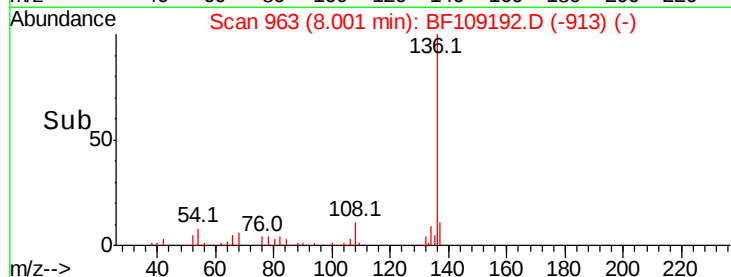


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.724 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

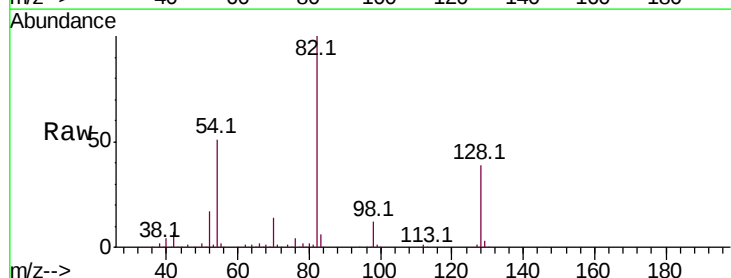
Tgt Ion: 82 Resp: 359649

Ion Ratio Lower Upper

82 100

128 38.9 36.1 54.1

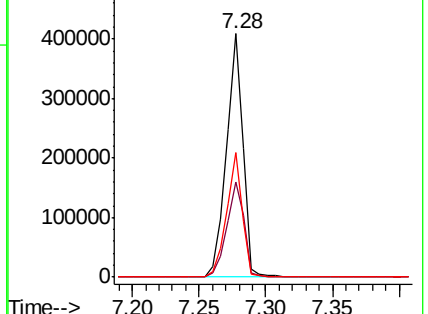
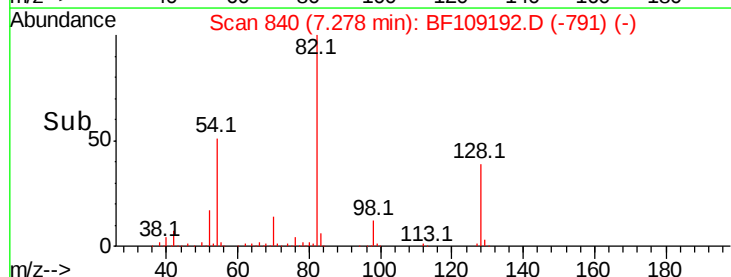
54 51.1 41.4 62.2

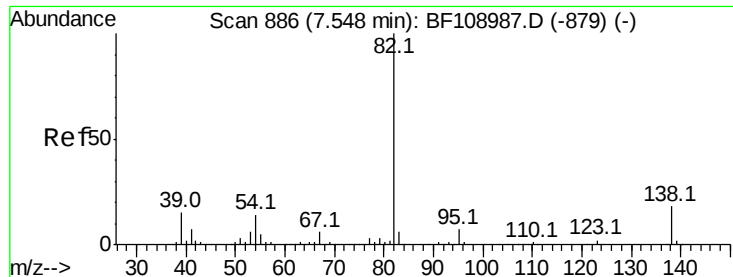


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.466 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

Instrument :

BNA_F

ClientSampleId :

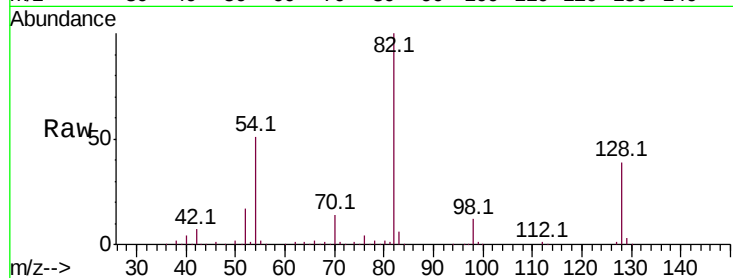
Tot Ion: 82 Resp: 356403

Ion Ratio Lower Upper

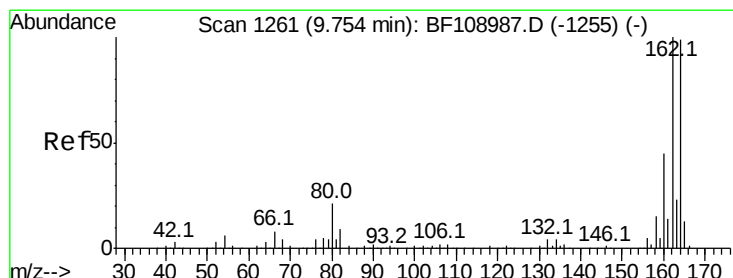
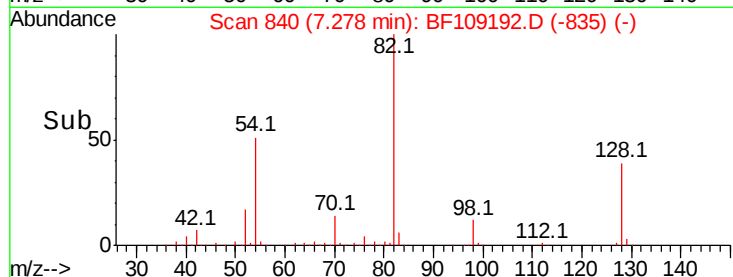
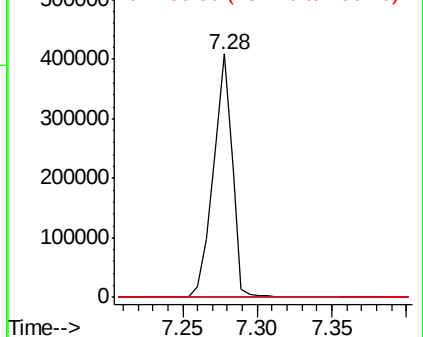
82 100

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# 1260

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

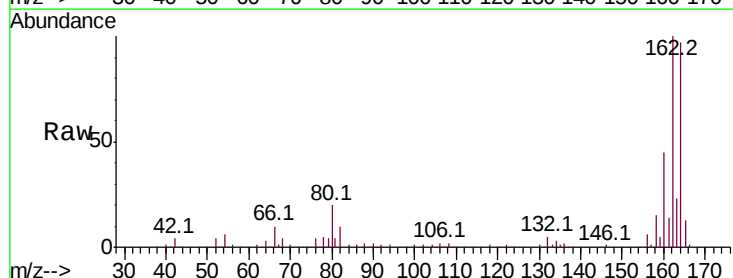
Tgt Ion: 164 Resp: 158644

Ion Ratio Lower Upper

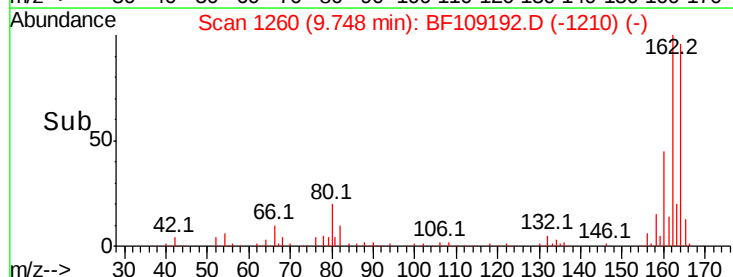
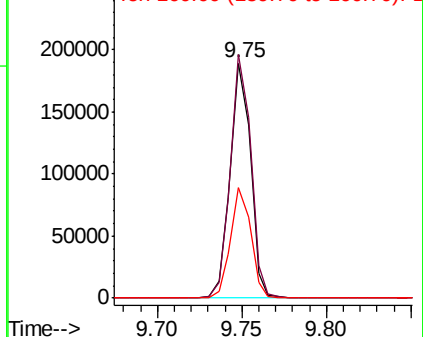
164 100

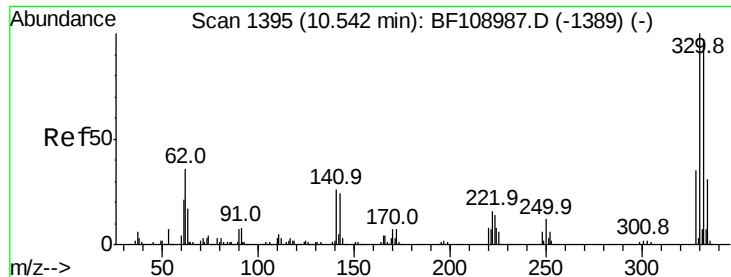
162 103.5 86.1 129.1

160 47.0 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

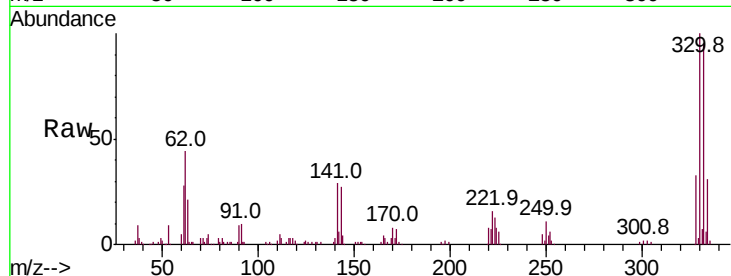




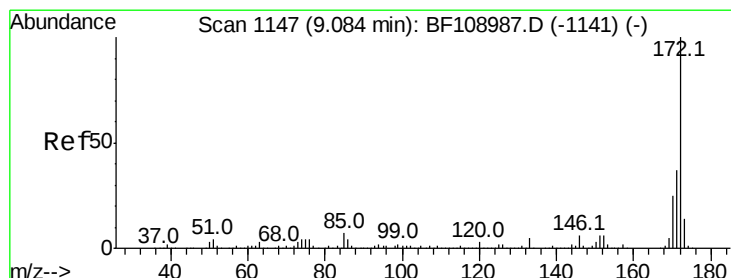
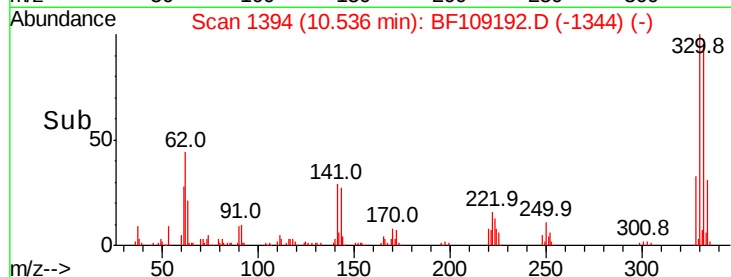
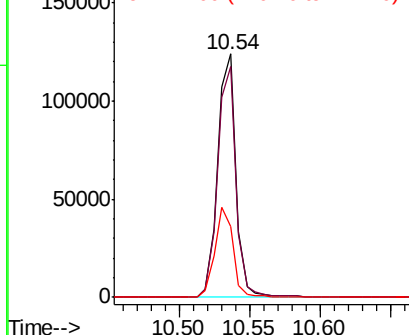
#41
 2,4,6-Tribromophenol
 Concen: 65.376 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109192.D
 Acq: 20 Sep 2018 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	36.6	29.9	44.9

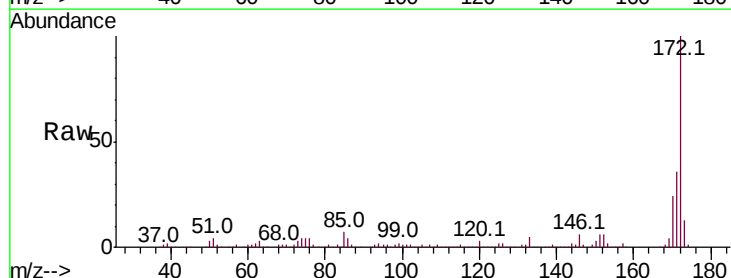


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

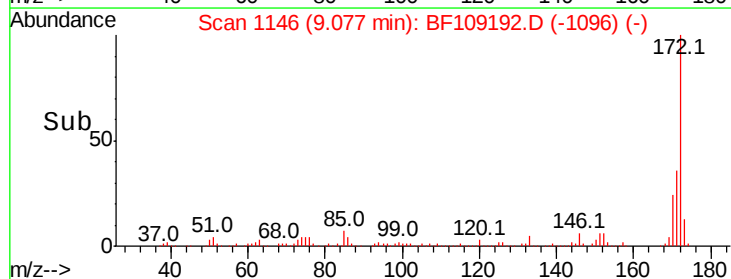
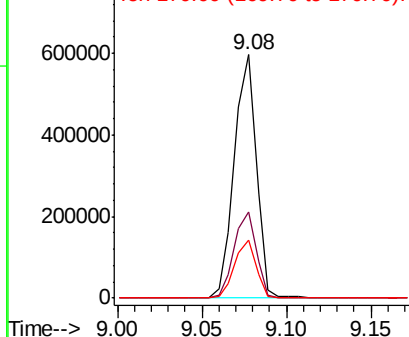


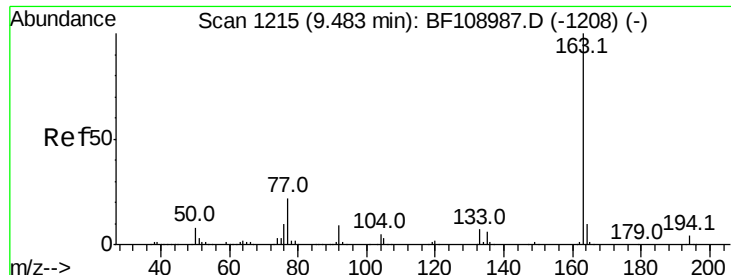
#44
 2-Fluorobiphenyl
 Concen: 53.868 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109192.D
 Acq: 20 Sep 2018 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	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: 16.749 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

Instrument :

BNA_F

ClientSampleId :

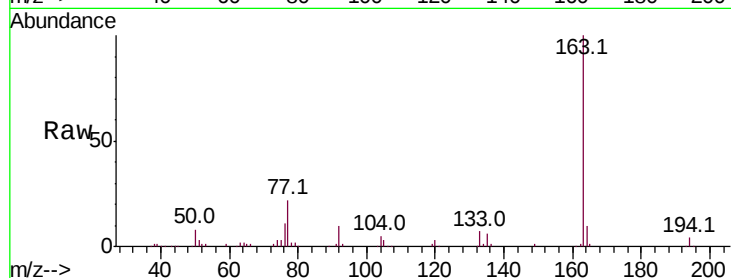
Tot Ion:163 Resp: 189914

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

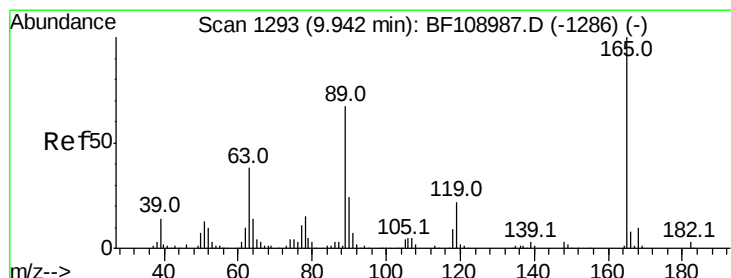
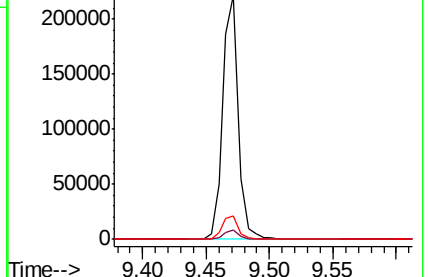
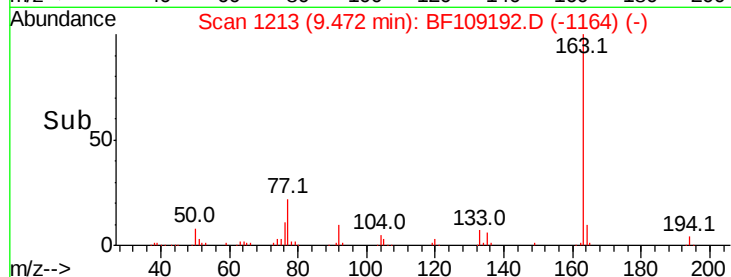
164 9.6 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.186 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.19 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

Tgt Ion:165 Resp: 20344

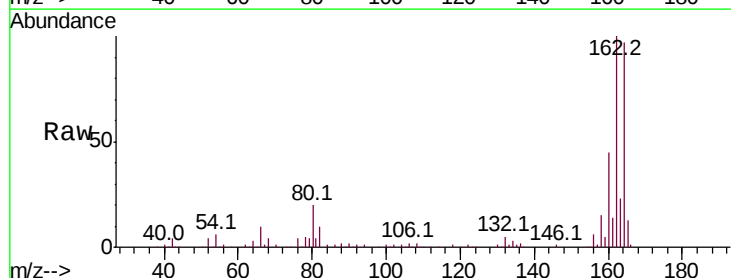
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

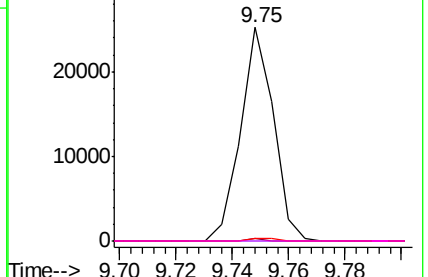
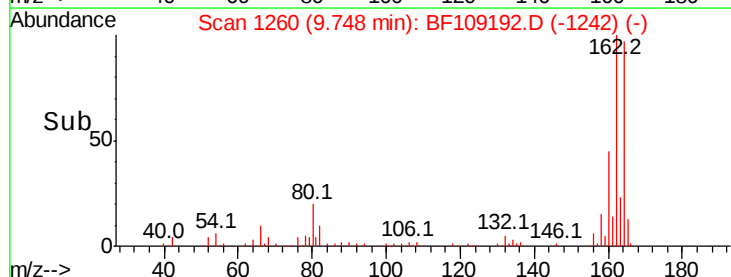


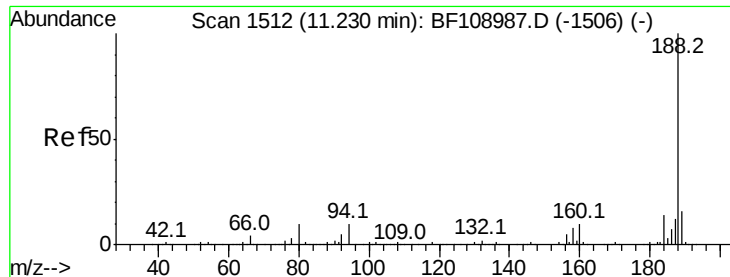
Abundance Ion 165.00 (164.70 to 165.70): E

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

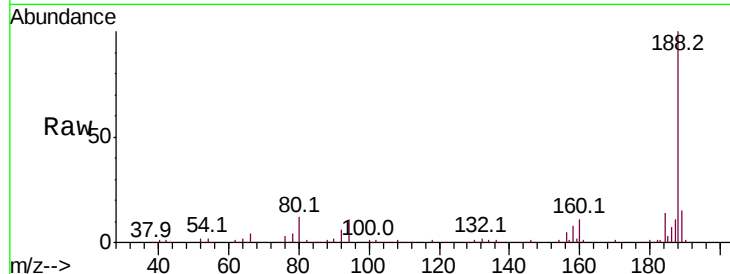




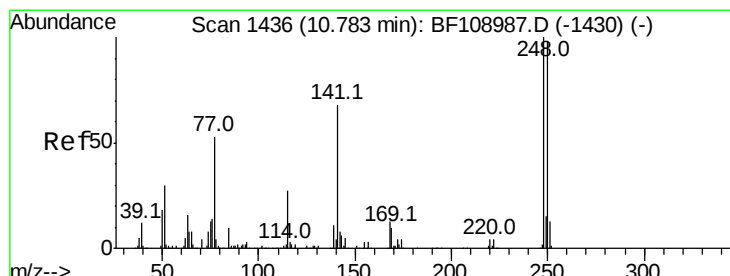
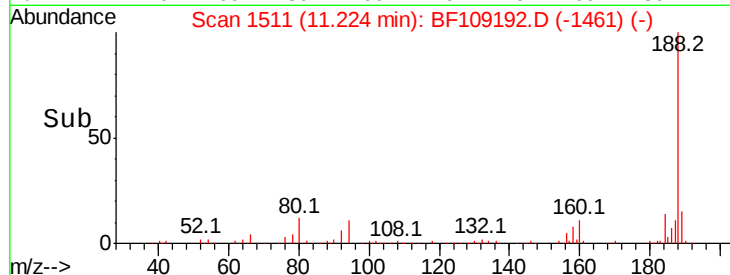
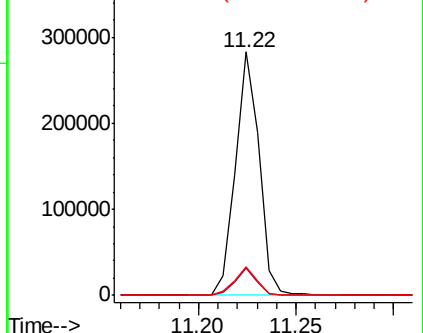
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109192.D
 Acq: 20 Sep 2018 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.7	9.2	13.8

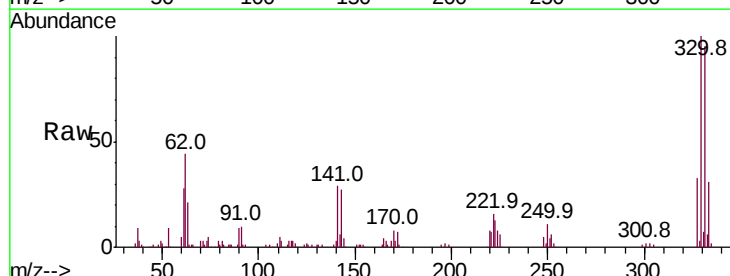


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

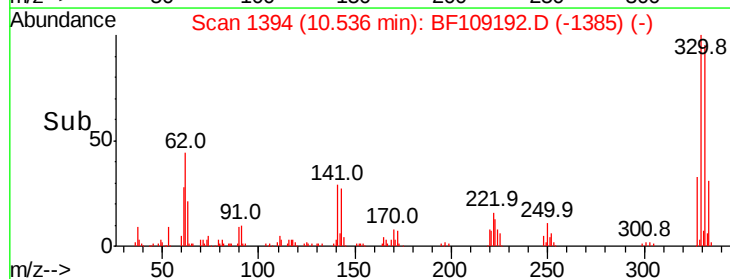
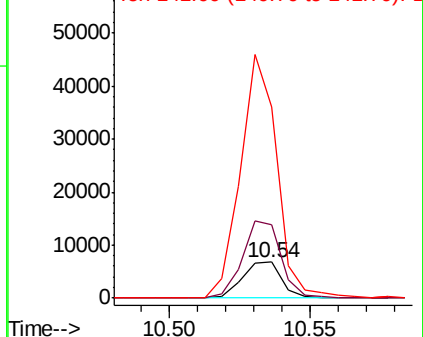


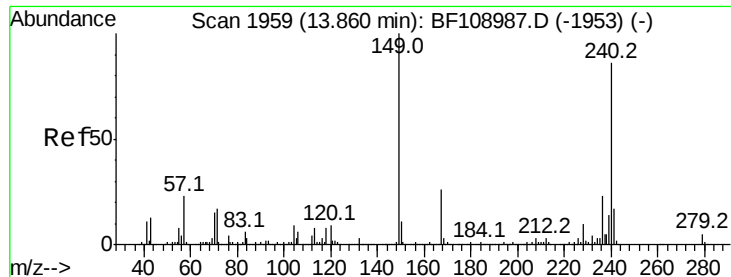
#66
 4-Bromophenyl-phenylether
 Concen: 2.460 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109192.D
 Acq: 20 Sep 2018 19:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	206.4	76.9	115.3#
141	535.8	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: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

Instrument :

BNA_F

ClientSampleId :

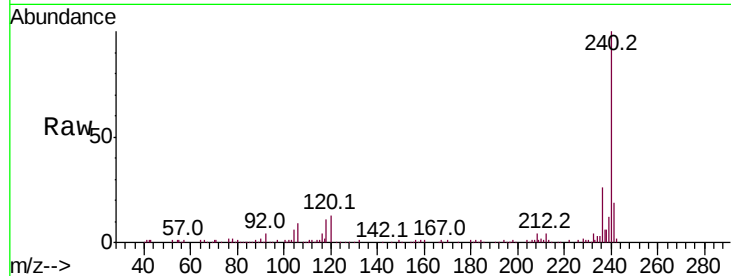
Tot Ion:240 Resp: 156165

Ion Ratio Lower Upper

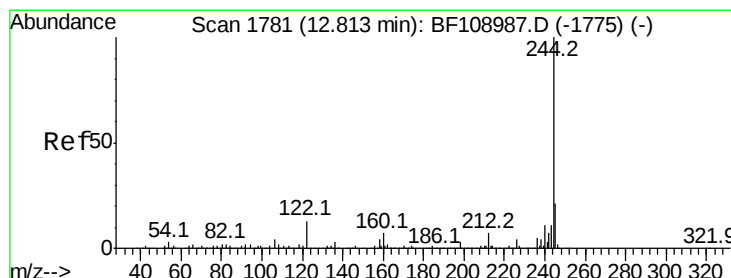
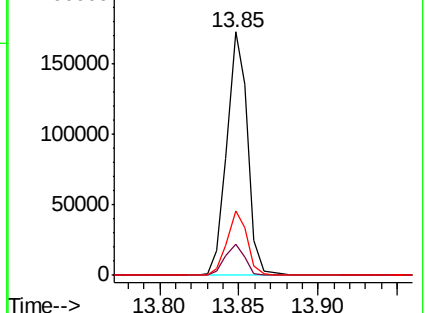
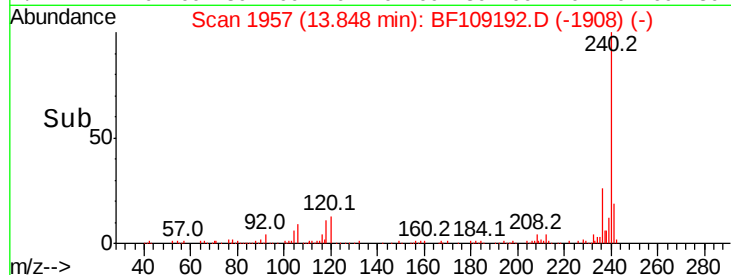
240 100

120 12.7 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



#78

Terphenyl-d14

Concen: 87.746 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

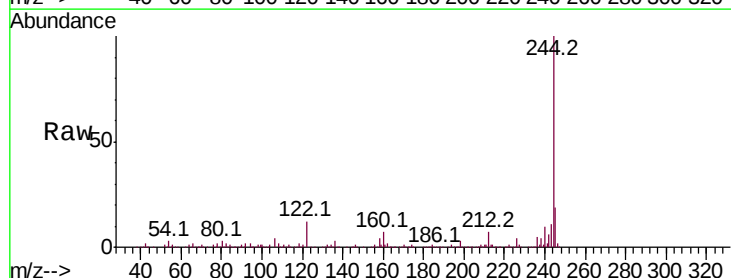
Tgt Ion:244 Resp: 578116

Ion Ratio Lower Upper

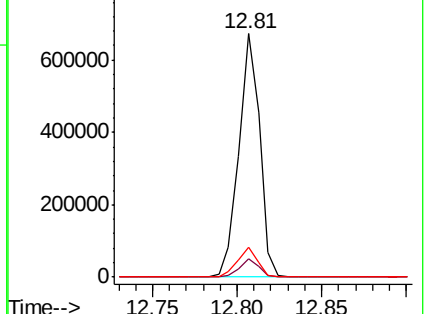
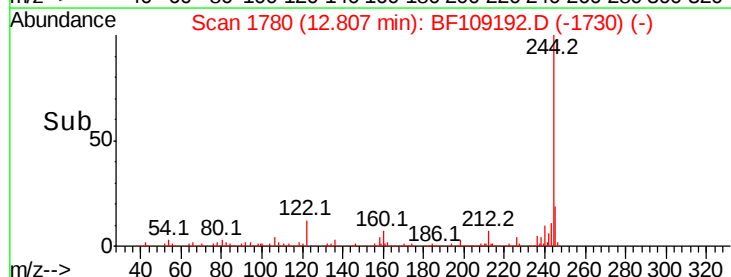
244 100

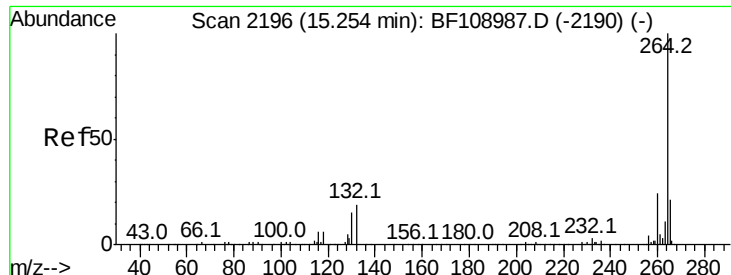
212 7.3 5.4 8.0

122 12.4 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109192.D
 Acq: 20 Sep 2018 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.0	17.5	26.3

