

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109095.D
 Acq On : 18 Sep 2018 15:06
 Operator : JU/SJ
 Sample : PB112950BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 15:36:05 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

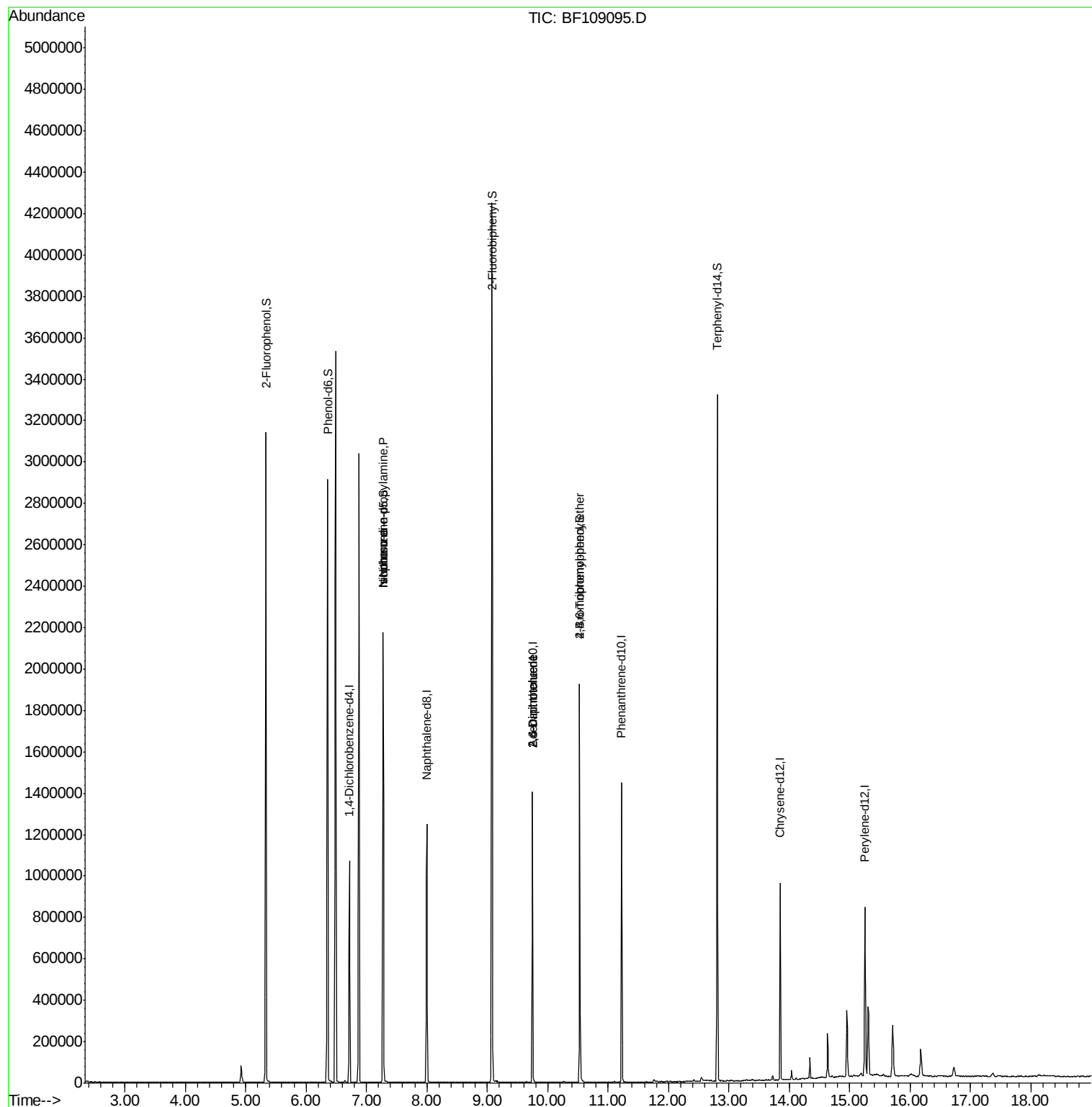
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	142572	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	541021	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	262320	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	490172	20.00	ng	0.00
75) Chrysene-d12	13.85	240	328076	20.00	ng	-0.01
86) Perylene-d12	15.25	264	368601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	896840	104.48	ng	0.01
7) Phenol-d6	6.36	99	1153158	104.18	ng	0.00
23) Nitrobenzene-d5	7.28	82	737365	76.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	240291	84.41	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1308129	78.13	ng	0.00
78) Terphenyl-d14	12.81	244	1158748	83.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	99050	13.538	ng	# 78
25) Isophorone	7.28	82	730760	44.072	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	33418	8.037	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	33418	6.146	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	14326	2.592	ng	# 1

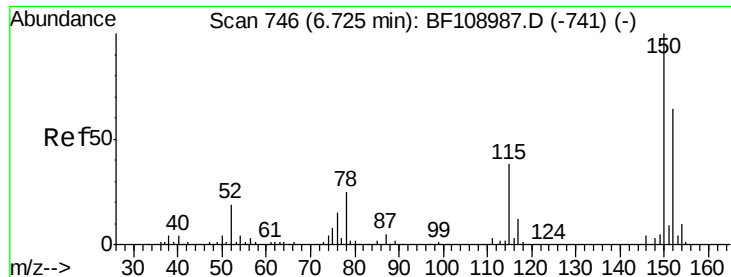
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109095.D
Acq On : 18 Sep 2018 15:06
Operator : JU/SJ
Sample : PB112950BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 18 15:34:51 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF109095.D

Acq: 18 Sep 2018 15:06

Instrument :

BNA_F

ClientSampleId :

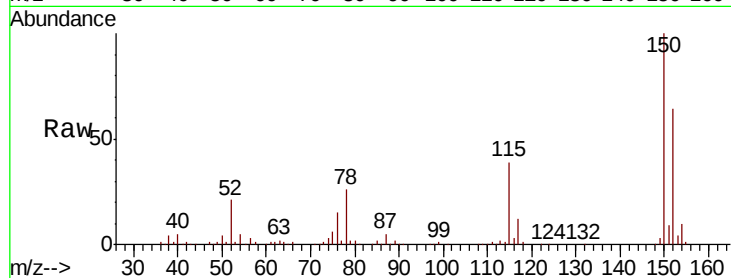
Tot Ion:152 Resp: 142572

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

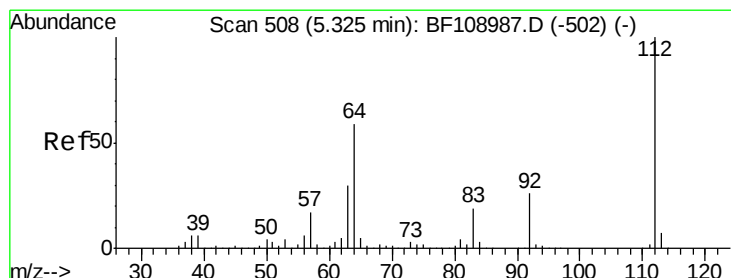
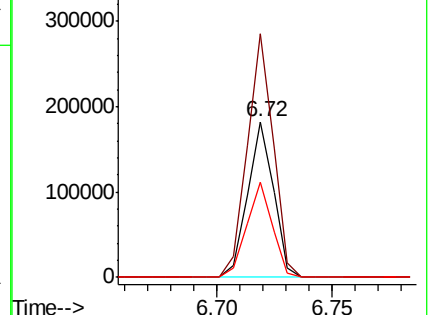
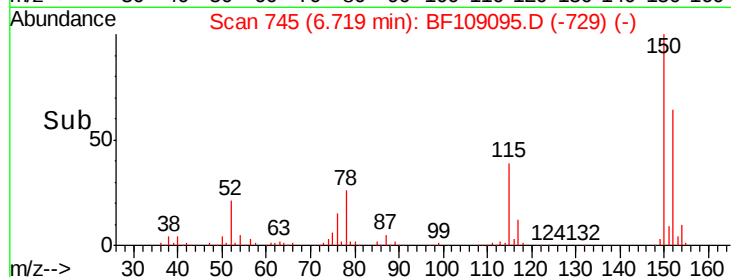
115 61.1 50.1 75.1



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: 104.477 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF109095.D

Acq: 18 Sep 2018 15:06

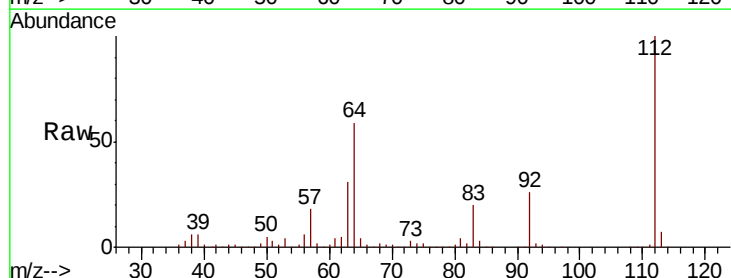
Tgt Ion:112 Resp: 896840

Ion Ratio Lower Upper

112 100

64 59.5 47.9 71.9

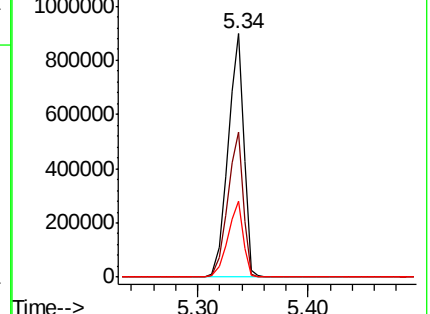
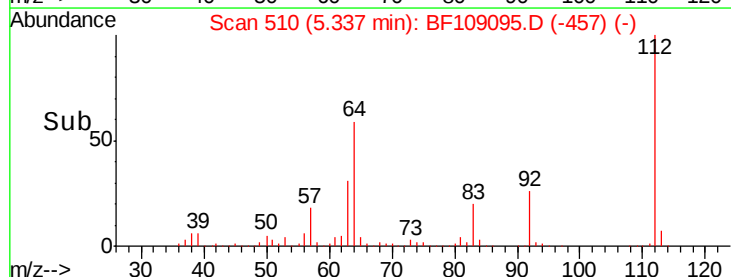
63 30.9 23.7 35.5



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: 104.181 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109095.D

Acq: 18 Sep 2018 15:06

Instrument :

BNA_F

ClientSampled :

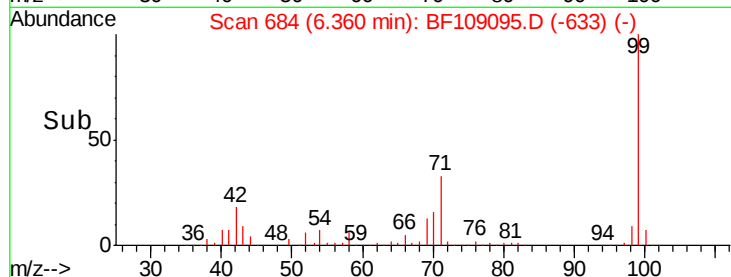
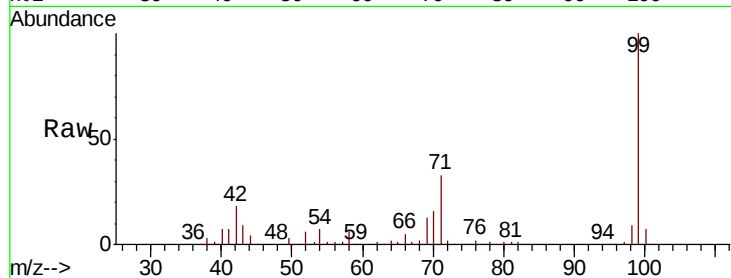
Tot Ion: 99 Resp: 1153158

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

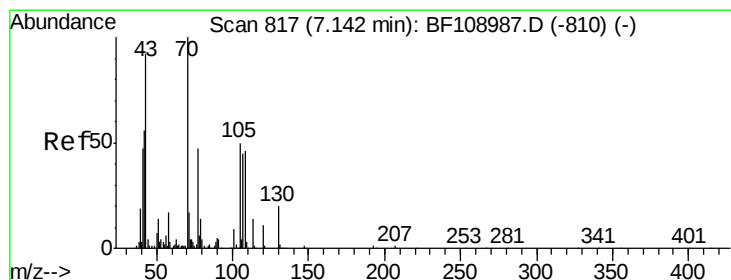
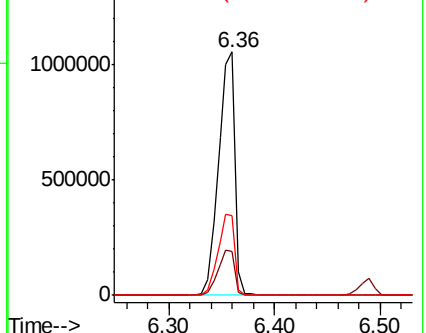
71 33.0 25.4 38.0



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: 13.538 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109095.D

Acq: 18 Sep 2018 15:06

Tgt Ion: 70 Resp: 99050

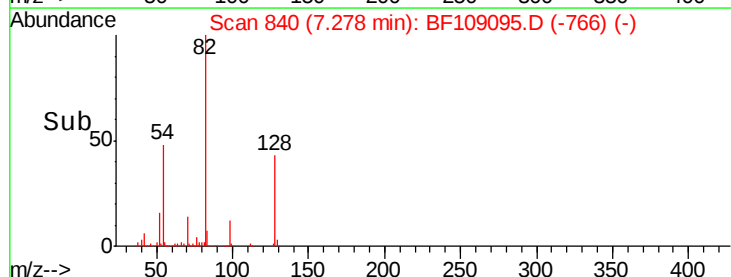
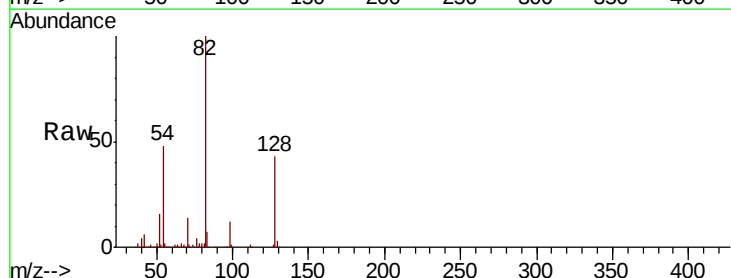
Ion Ratio Lower Upper

70 100

42 47.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

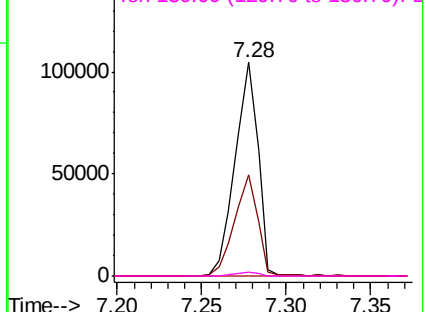


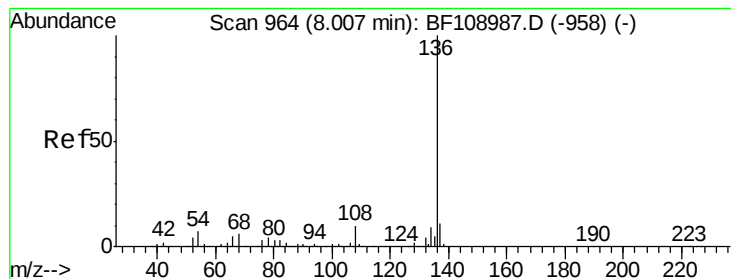
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF109095.D

Acq: 18 Sep 2018 15:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 541021

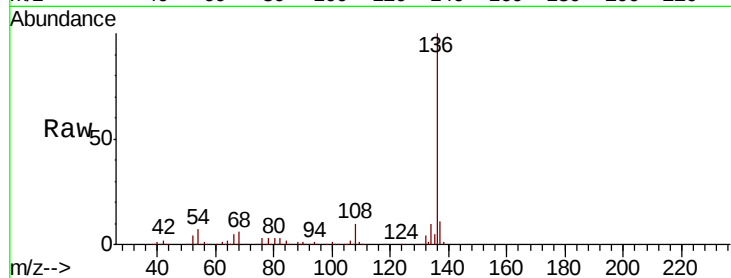
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.7 5.0 7.4

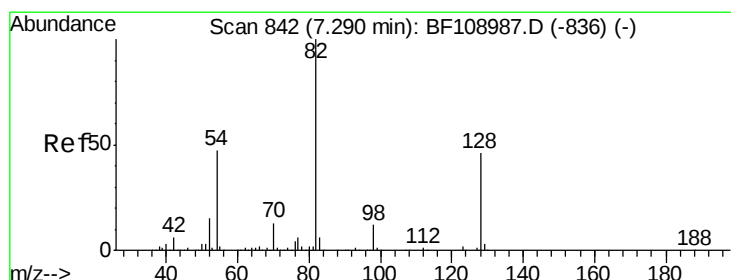
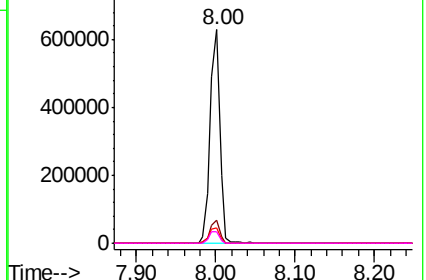
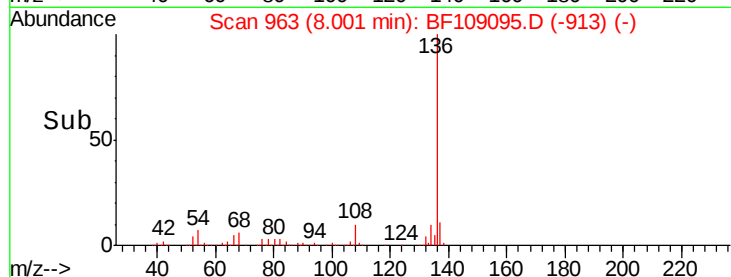


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.443 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109095.D

Acq: 18 Sep 2018 15:06

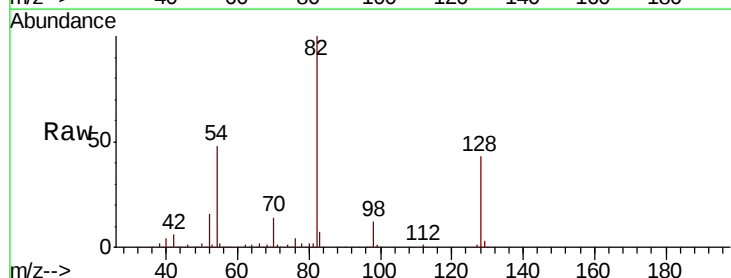
Tgt Ion: 82 Resp: 737365

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

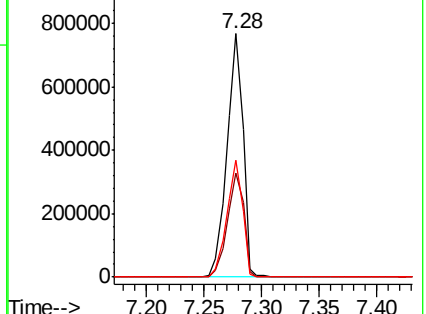
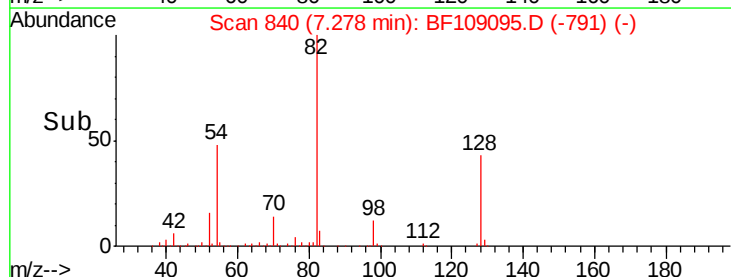
54 48.1 41.4 62.2

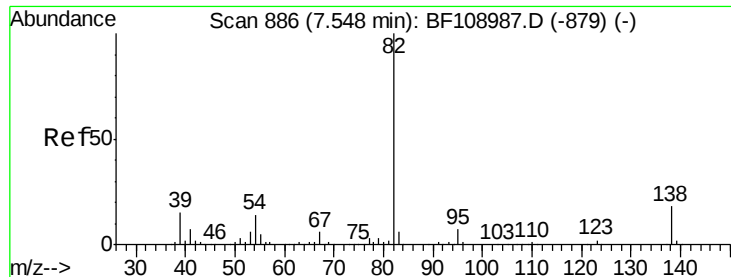


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.072 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109095.D

Acq: 18 Sep 2018 15:06

Instrument :

BNA_F

ClientSampled :

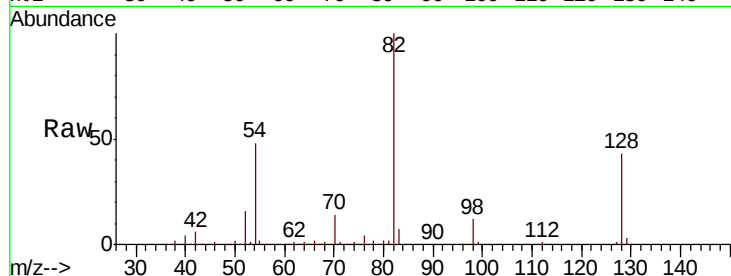
Tot Ion: 82 Resp: 730760

Ion Ratio Lower Upper

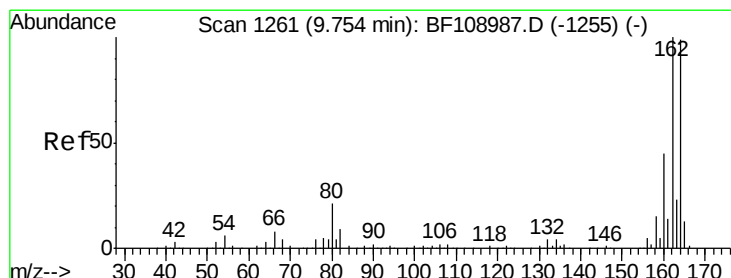
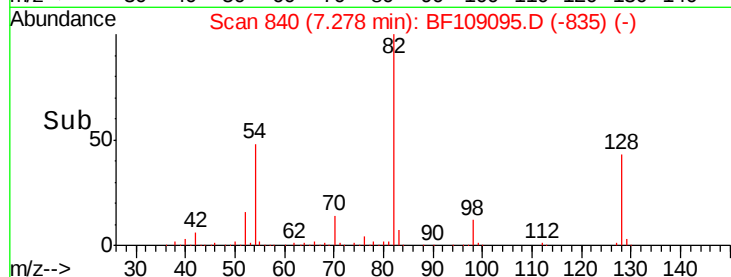
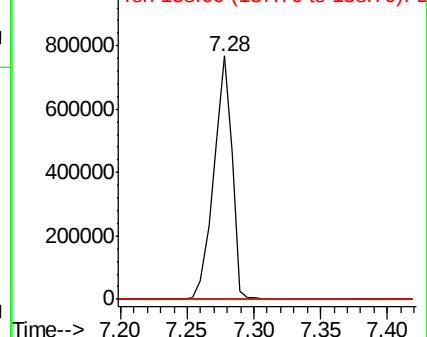
82 100

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: BF109095.D

Acq: 18 Sep 2018 15:06

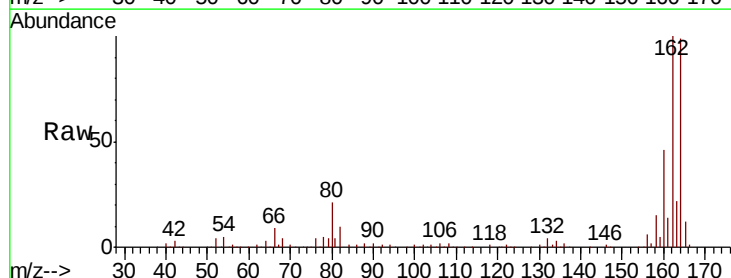
Tgt Ion: 164 Resp: 262320

Ion Ratio Lower Upper

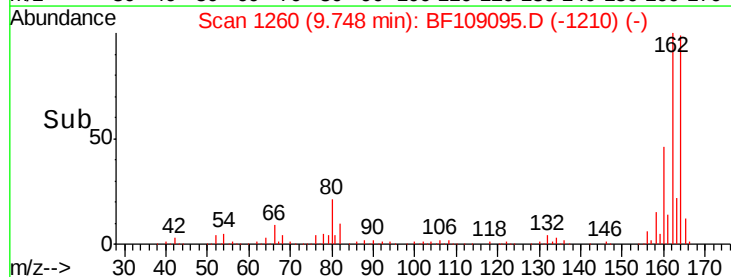
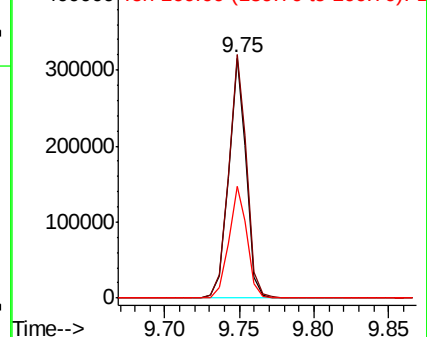
164 100

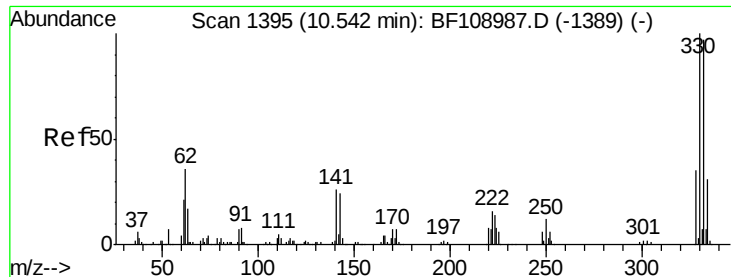
162 101.4 86.1 129.1

160 46.6 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

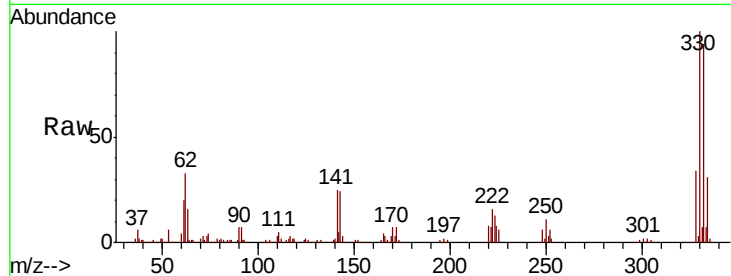




#41
 2,4,6-Tribromophenol
 Concen: 84.405 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109095.D
 Acq: 18 Sep 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.5	29.9	44.9

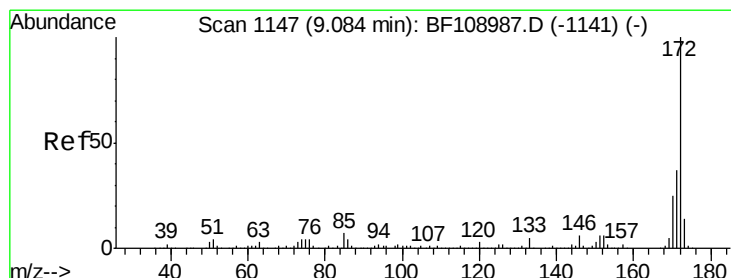
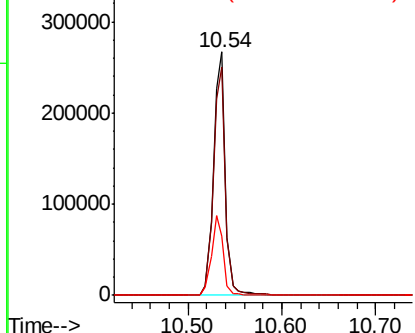
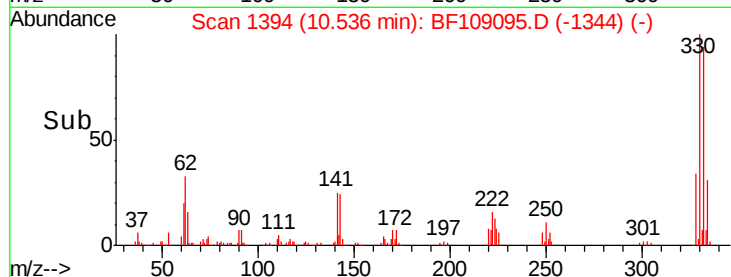


Abundance

Ion 329.80 (329.50 to 330.50): E

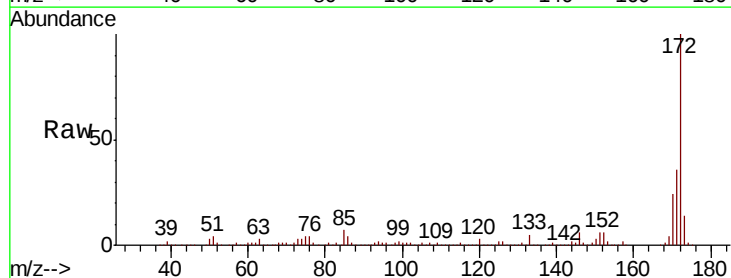
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.129 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109095.D
 Acq: 18 Sep 2018 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

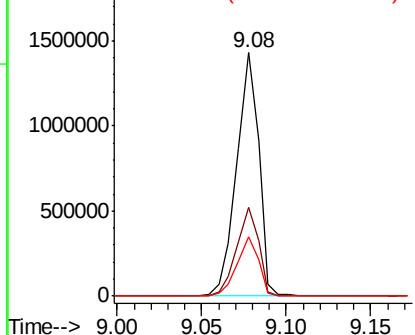
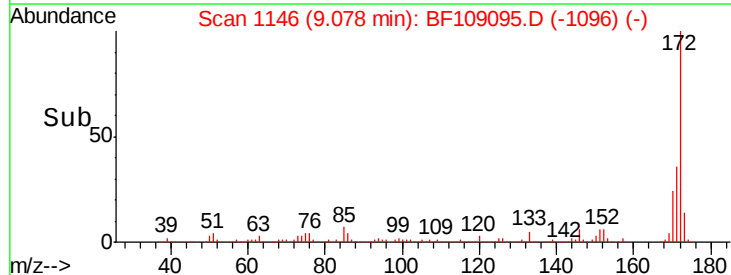


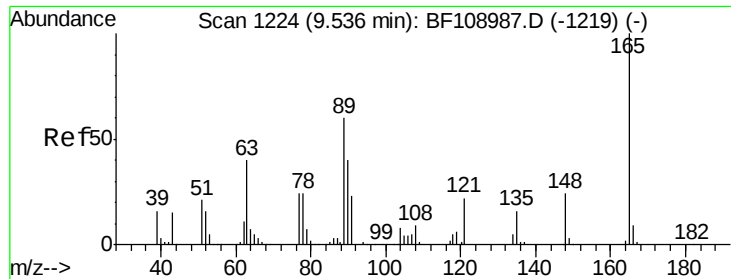
Abundance

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

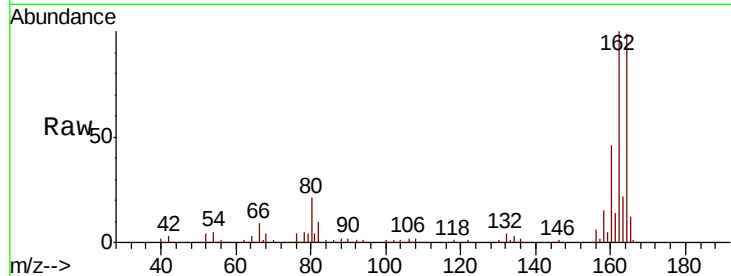




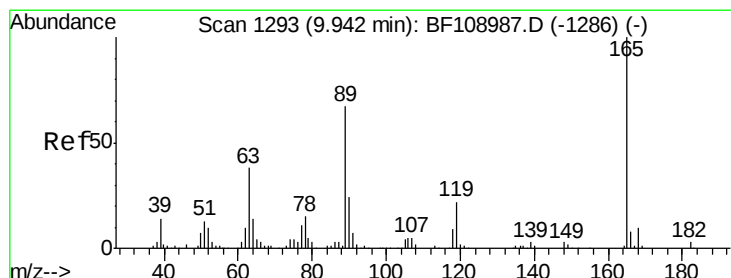
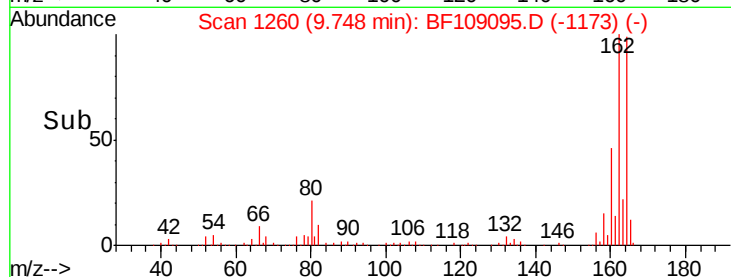
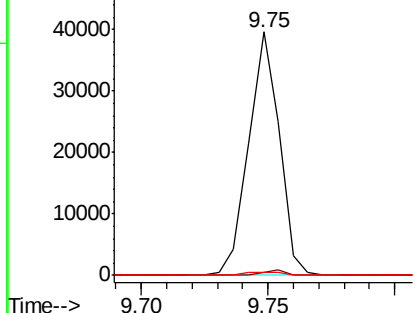
#50
 2,6-Dinitrotoluene
 Concen: 8.037 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109095.D
 Acq: 18 Sep 2018 15:06

Instrument :
 BNA_F
 ClientSampled :

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



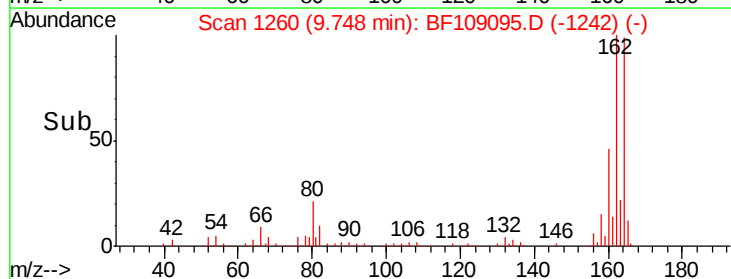
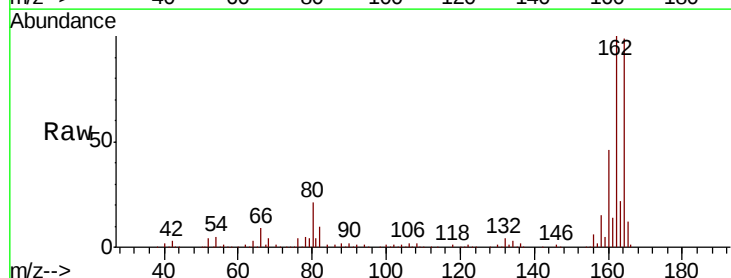
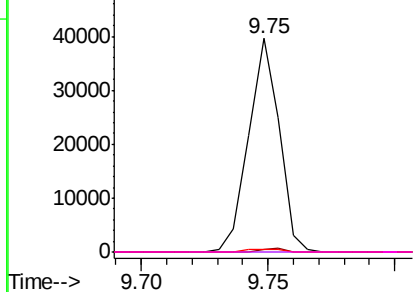
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

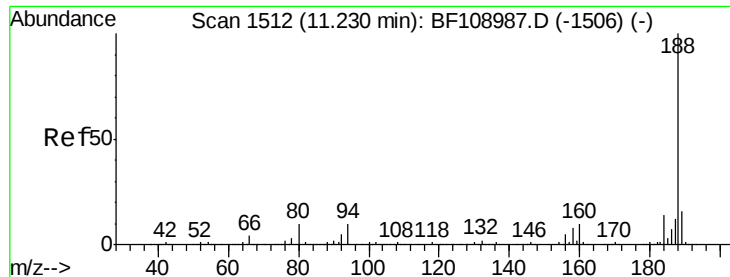


#56
 2,4-Dinitrotoluene
 Concen: 6.146 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109095.D
 Acq: 18 Sep 2018 15:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	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

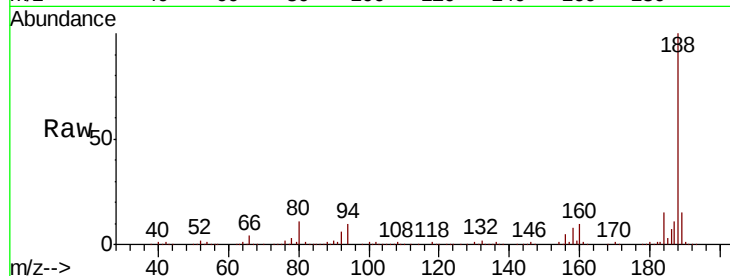




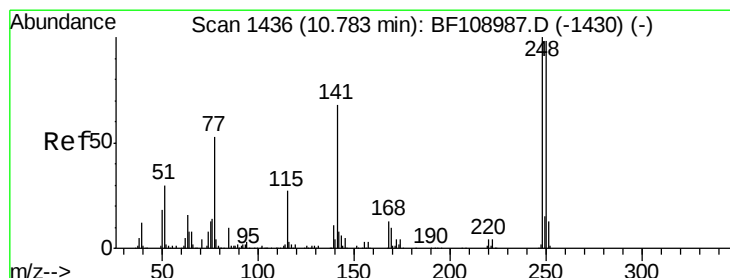
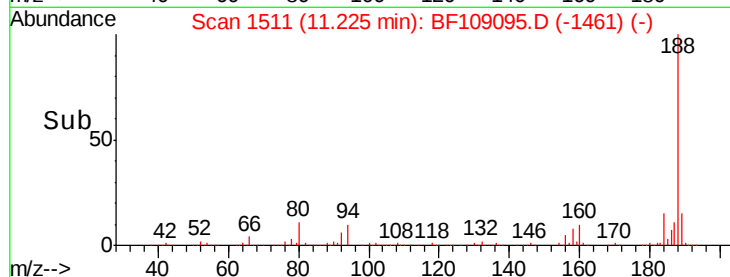
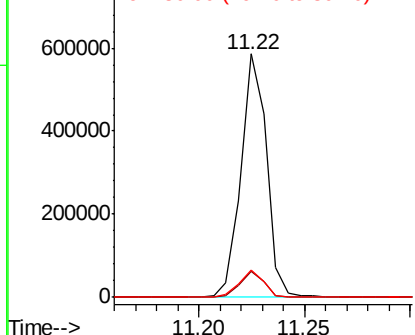
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109095.D
Acq: 18 Sep 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 490172
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8

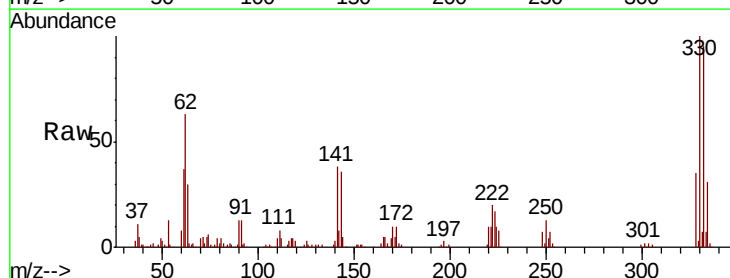


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

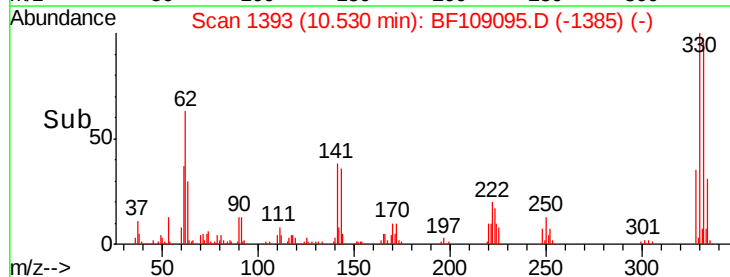
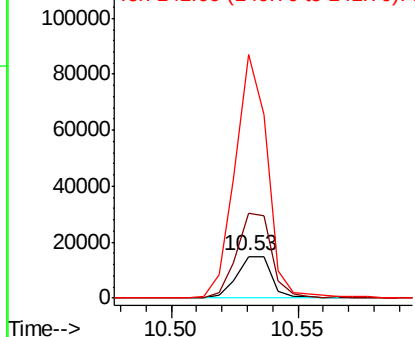


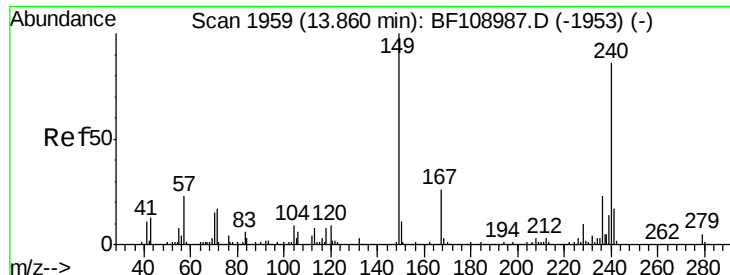
#66
4-Bromophenyl-phenylether
Concen: 2.592 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109095.D
Acq: 18 Sep 2018 15:06

Tgt Ion:248 Resp: 14326
Ion Ratio Lower Upper
248 100
250 201.6 76.9 115.3#
141 582.0 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: BF109095.D

Acq: 18 Sep 2018 15:06

Instrument :

BNA_F

ClientSampleId :

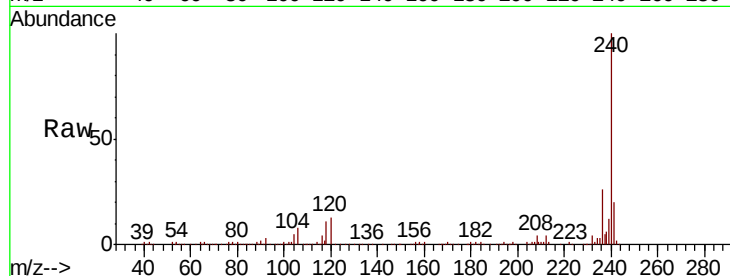
Tot Ion:240 Resp: 328076

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

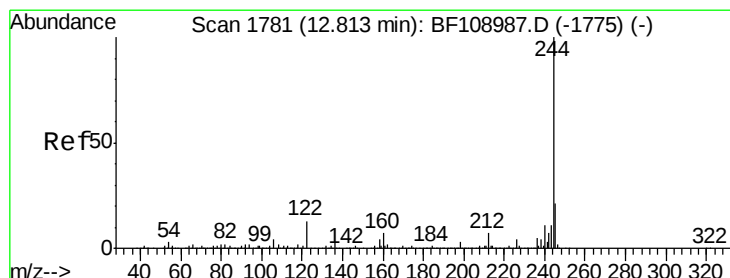
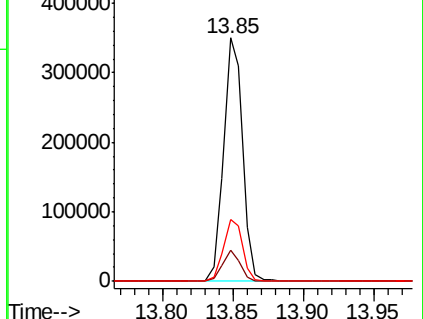
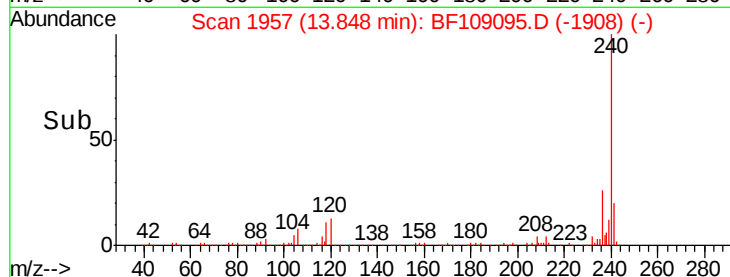
236 25.7 20.7 31.1



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: 83.717 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109095.D

Acq: 18 Sep 2018 15:06

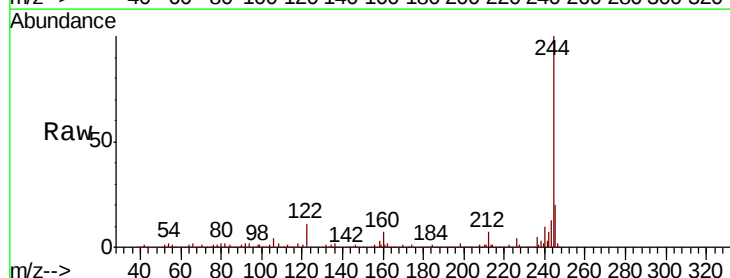
Tgt Ion:244 Resp: 1158748

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

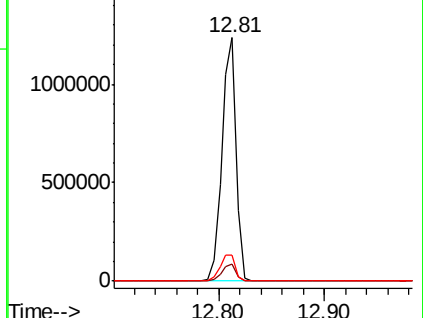
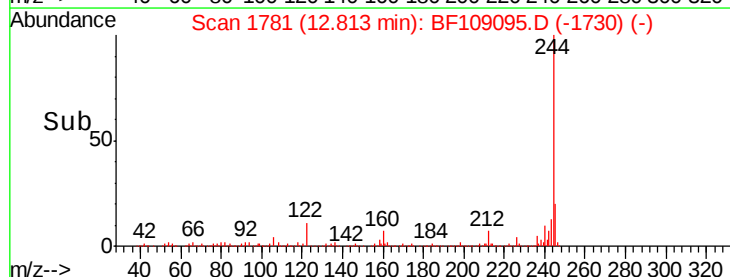
122 10.8 11.0 16.4#

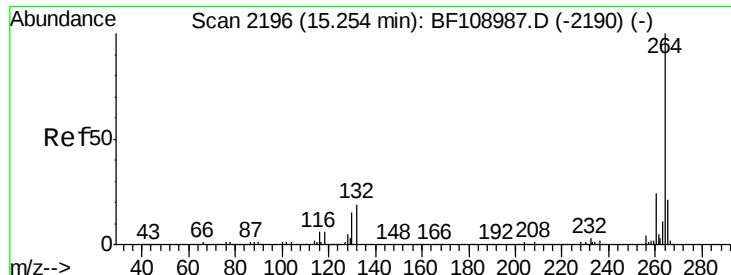


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

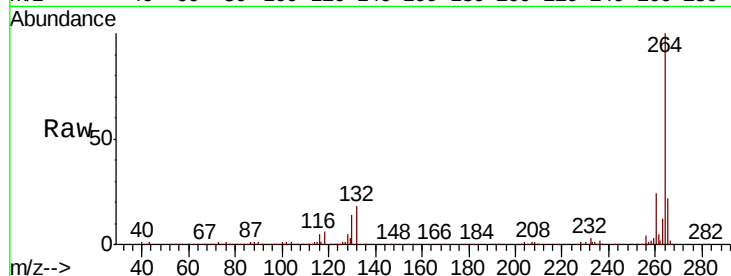




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109095.D
 Acq: 18 Sep 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.9	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

