

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109134.D
 Acq On : 19 Sep 2018 9:11
 Operator : JU/SJ
 Sample : PB112905BL
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 11:41:49 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

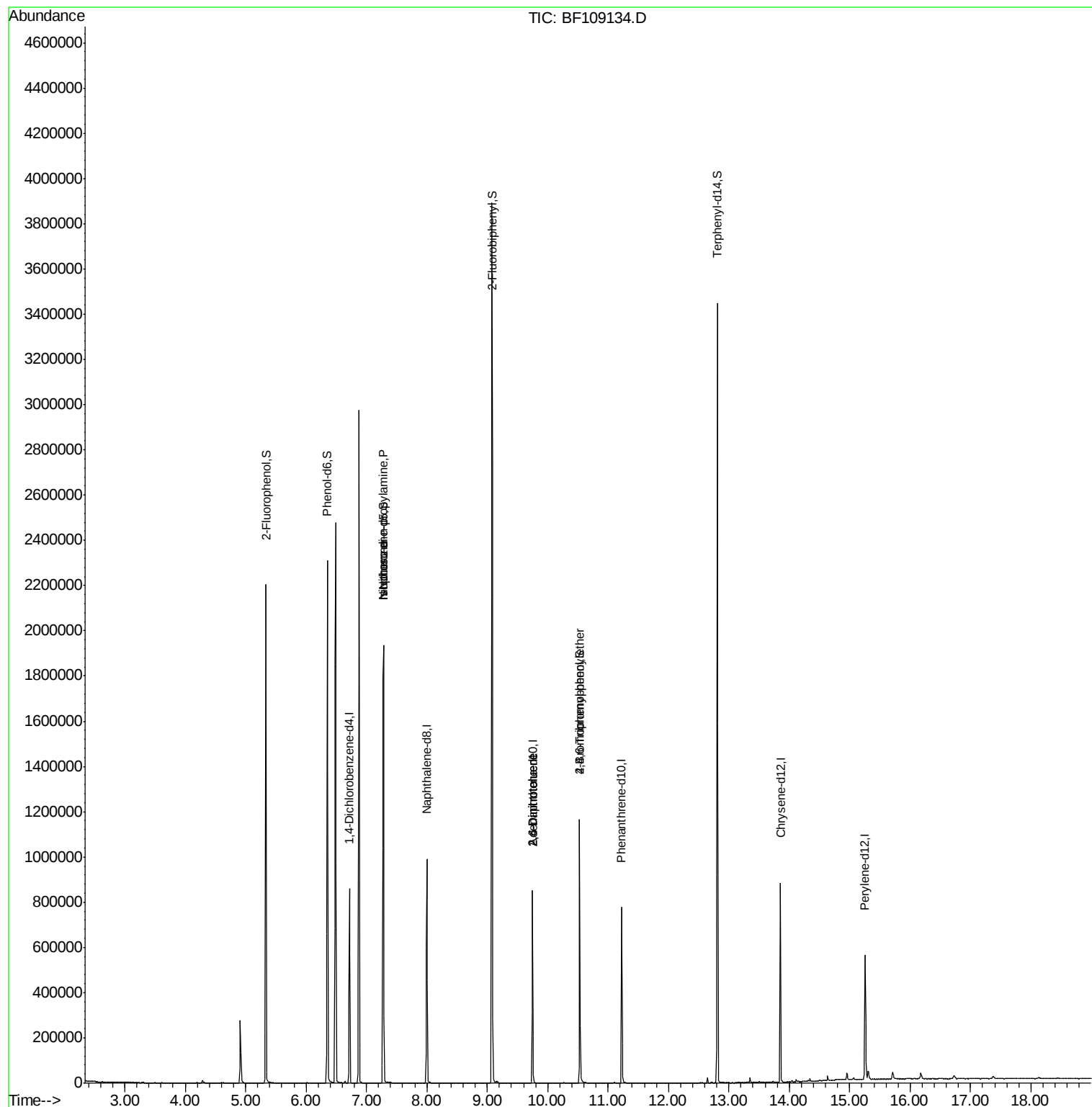
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117659	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	410373	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	171159	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	291552	20.00	ng	0.00
75) Chrysene-d12	13.85	240	307433	20.00	ng	0.00
86) Perylene-d12	15.25	264	259795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	625791	88.34	ng	0.01
7) Phenol-d6	6.35	99	785983	86.04	ng	0.00
23) Nitrobenzene-d5	7.28	82	701988	95.95	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	147297	79.30	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1216720	111.37	ng	0.00
78) Terphenyl-d14	12.81	244	1117531	86.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	93218	15.439	ng	# 75
25) Isophorone	7.28	82	696867	55.408	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	21387	7.883	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	21387	6.028	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	8723	2.654	ng	# 1

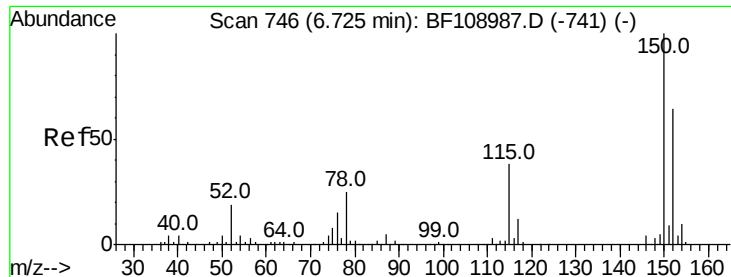
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109134.D
Acq On : 19 Sep 2018 9:11
Operator : JU/SJ
Sample : PB112905BL
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 19 11:41:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
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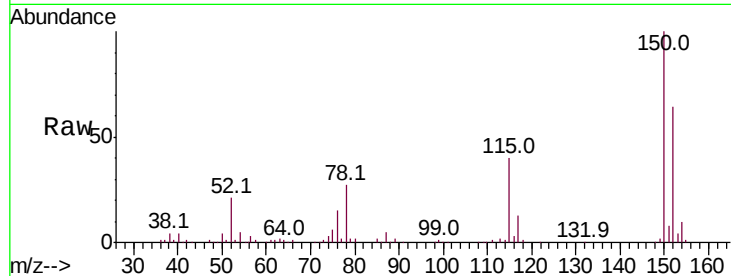


#1

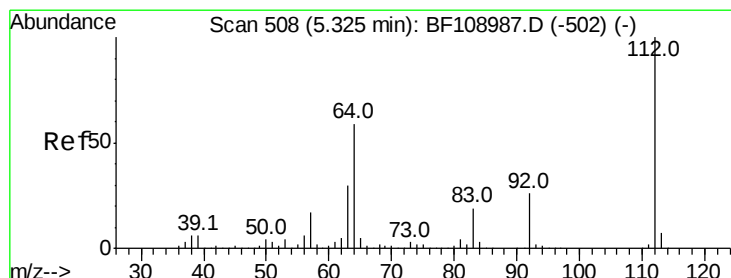
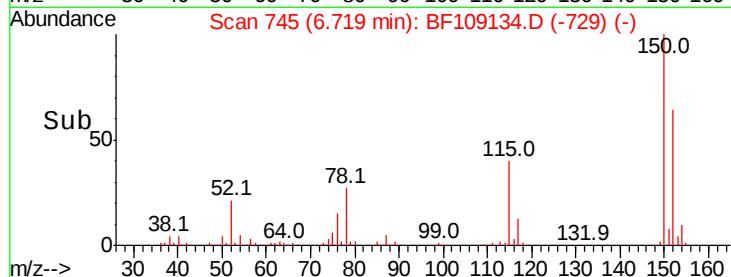
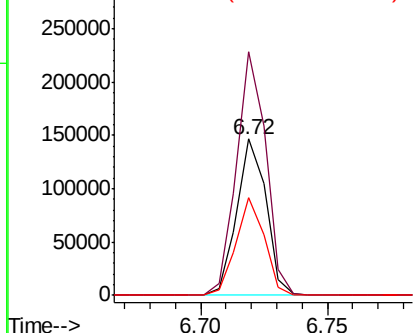
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109134.D
Acq: 19 Sep 2018 9:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117659
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 62.8 50.1 75.1



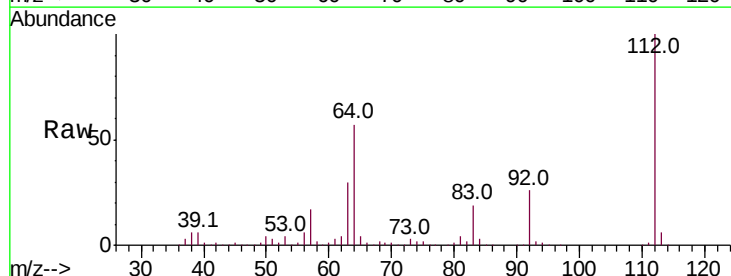
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



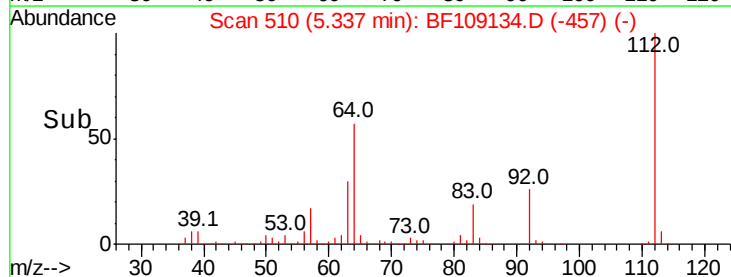
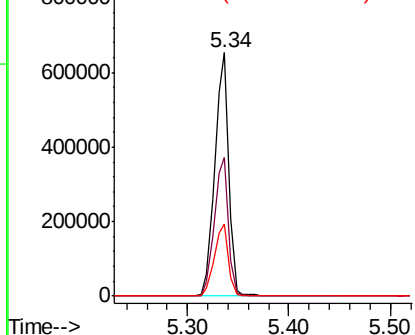
#5

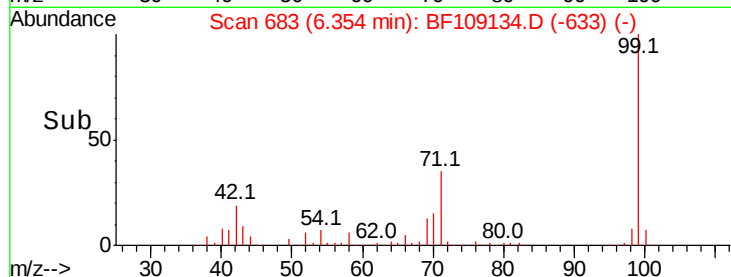
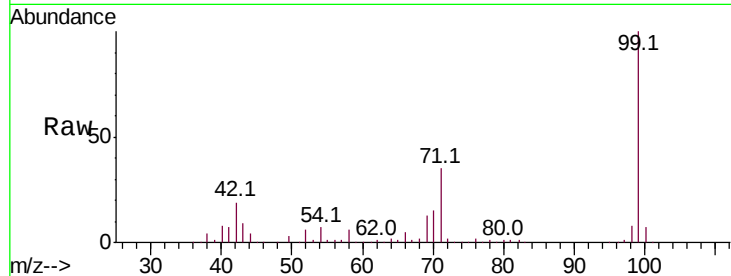
2-Fluorophenol
Concen: 88.337 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF109134.D
Acq: 19 Sep 2018 9:11

Tgt Ion:112 Resp: 625791
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 29.5 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: 86.044 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109134.D

Acq: 19 Sep 2018 9:11

Tot Ion: 99 Resp: 785983

Ion Ratio Lower Upper

99 100

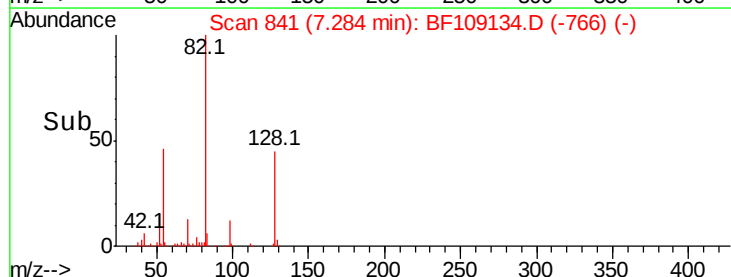
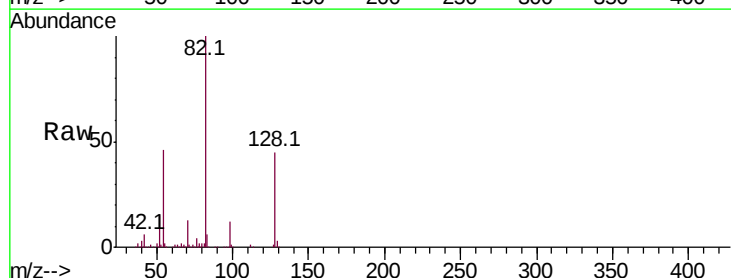
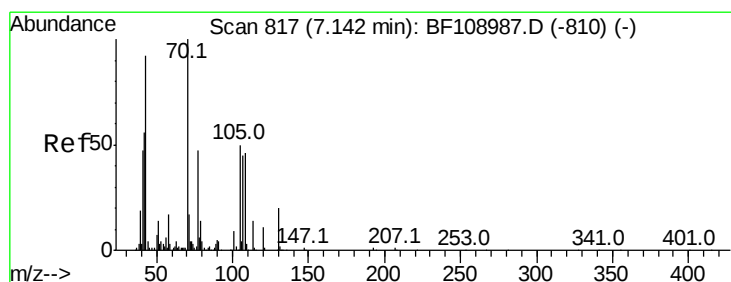
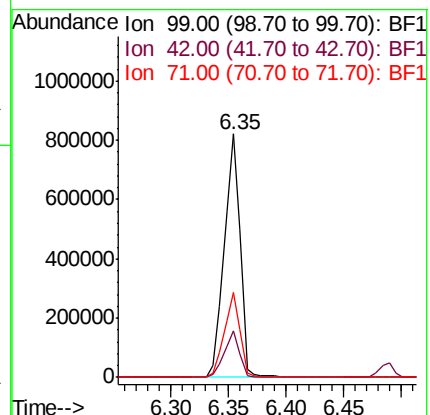
42 19.3 14.5 21.7

71 35.0 25.4 38.0

Instrument :

BNA_F

ClientSampled :



#19

n-Nitroso-di-n-propylamine

Concen: 15.439 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109134.D

Acq: 19 Sep 2018 9:11

Tgt Ion: 70 Resp: 93218

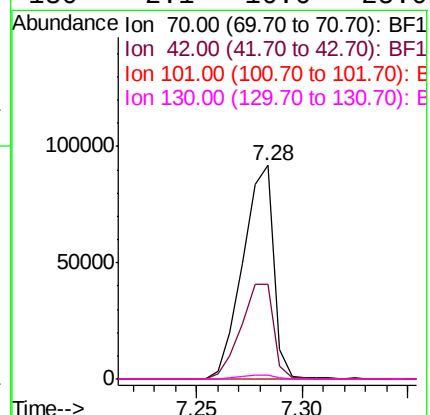
Ion Ratio Lower Upper

70 100

42 44.5 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: BF109134.D

Acq: 19 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 410373

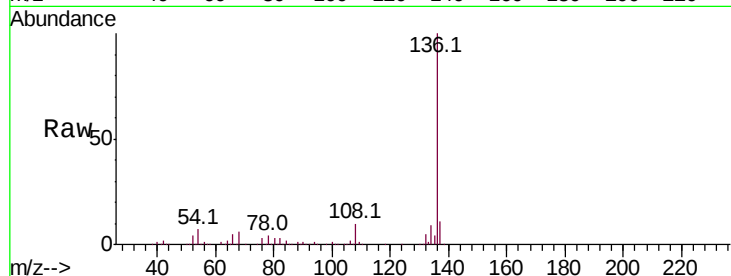
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 5.7 5.0 7.4

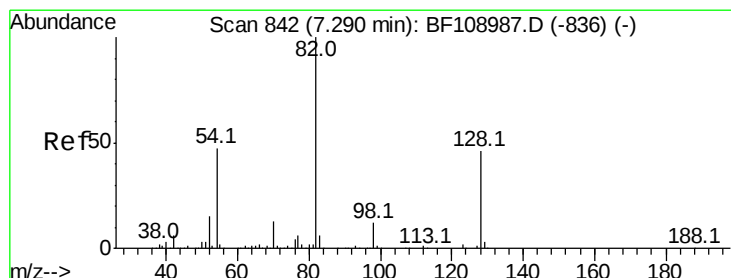
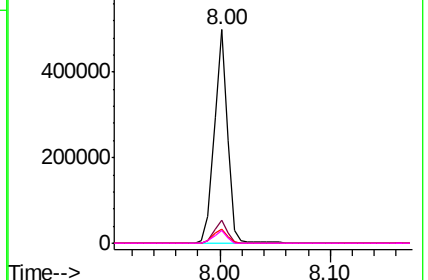
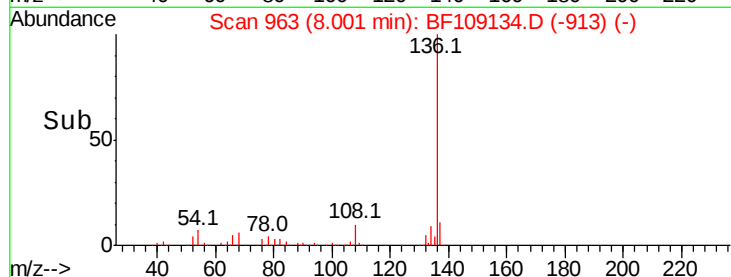


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.945 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109134.D

Acq: 19 Sep 2018 9:11

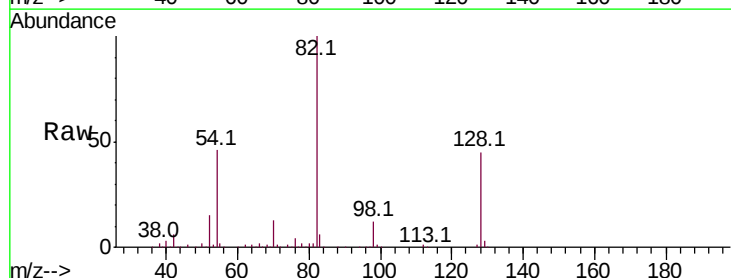
Tgt Ion: 82 Resp: 701988

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

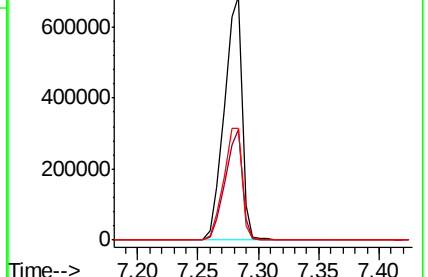
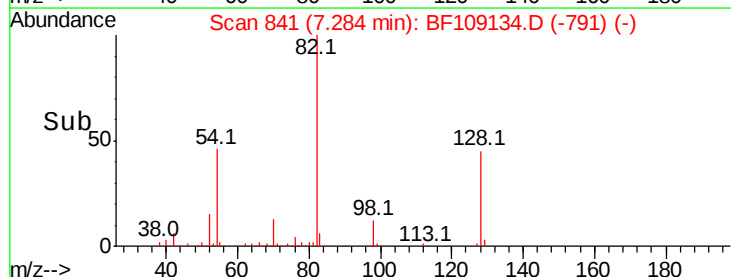
54 45.9 41.4 62.2

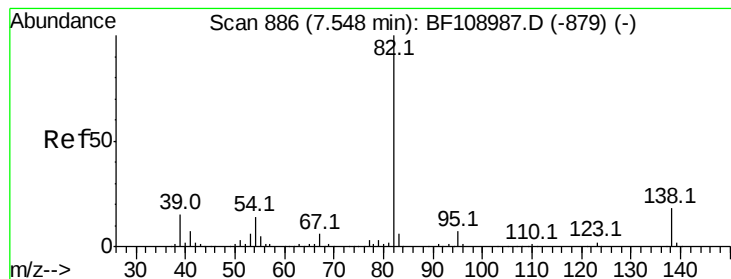


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 55.408 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109134.D

Acq: 19 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

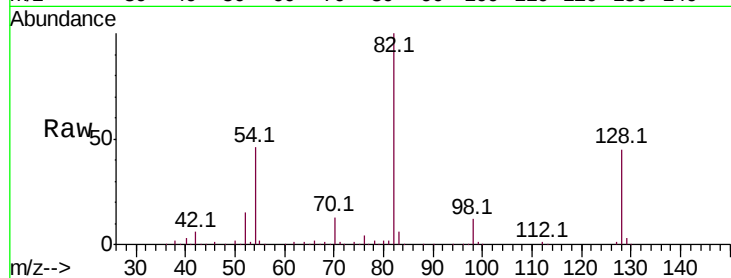
Tot Ion: 82 Resp: 696867

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

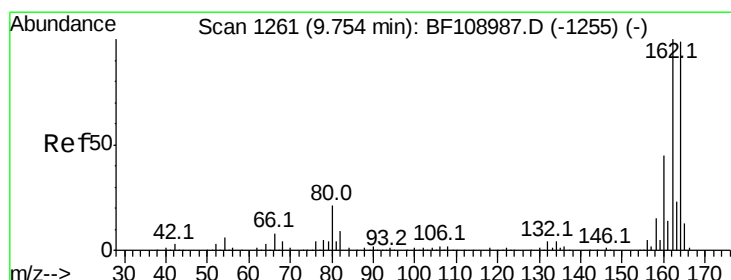
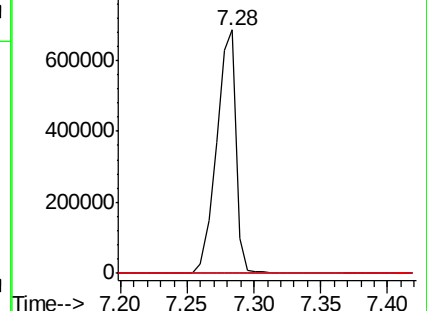
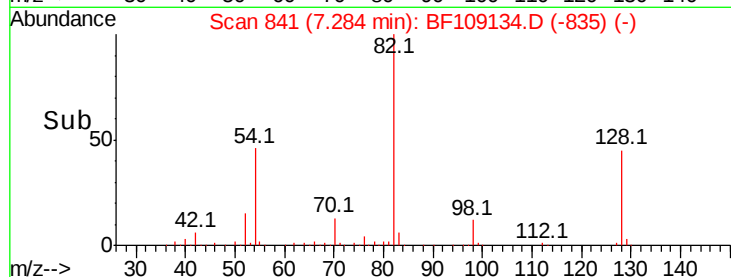
138 0.0 14.9 22.3#



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: BF109134.D

Acq: 19 Sep 2018 9:11

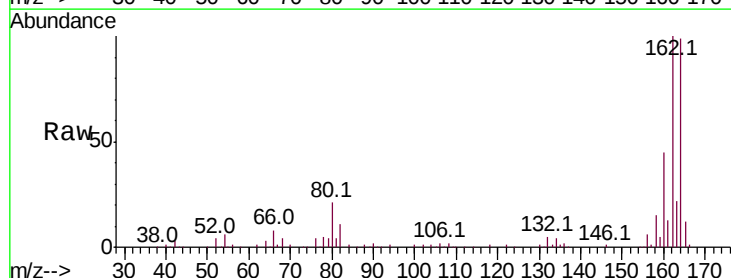
Tgt Ion: 164 Resp: 171159

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

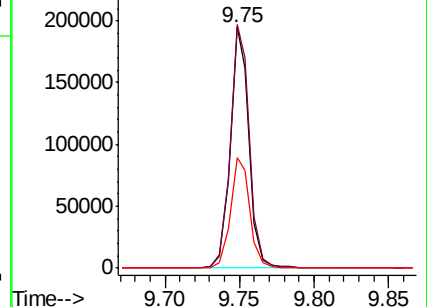
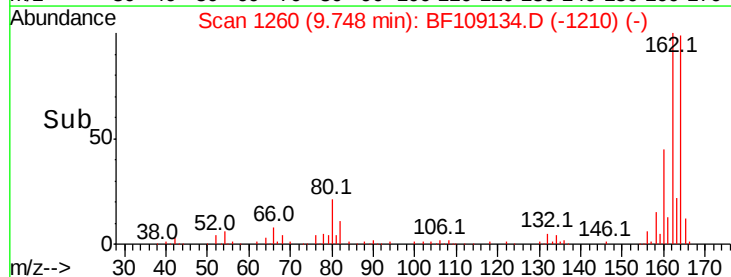
160 45.9 38.3 57.5

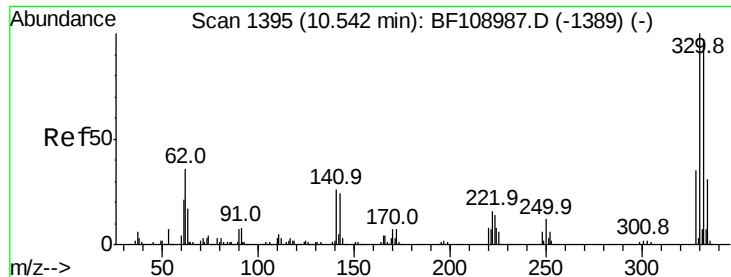


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

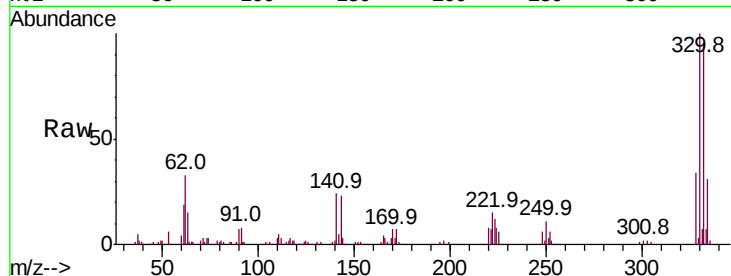




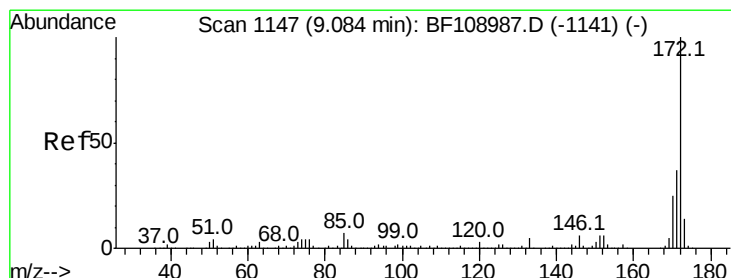
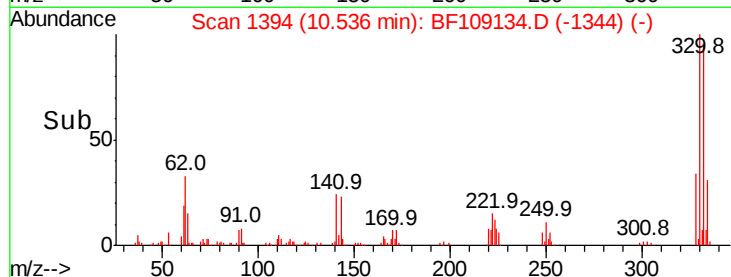
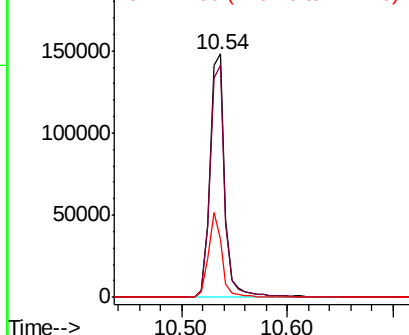
#41
 2,4,6-Tribromophenol
 Concen: 79.297 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.1	29.9	44.9

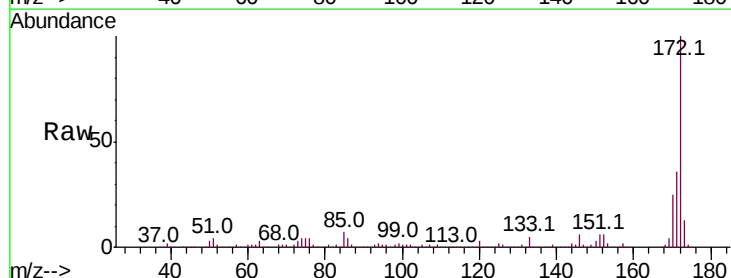


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

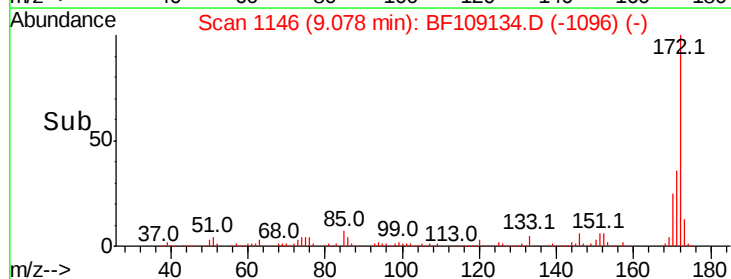
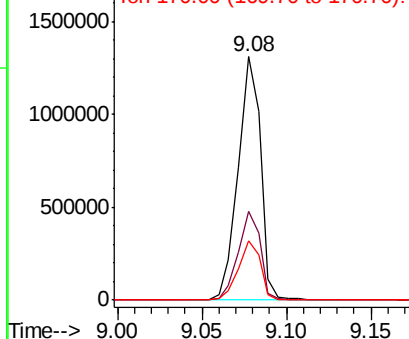


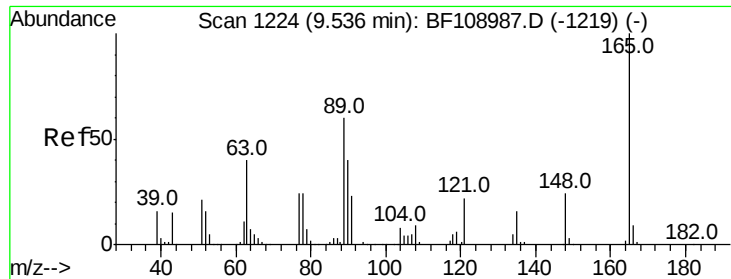
#44
 2-Fluorobiphenyl
 Concen: 111.374 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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

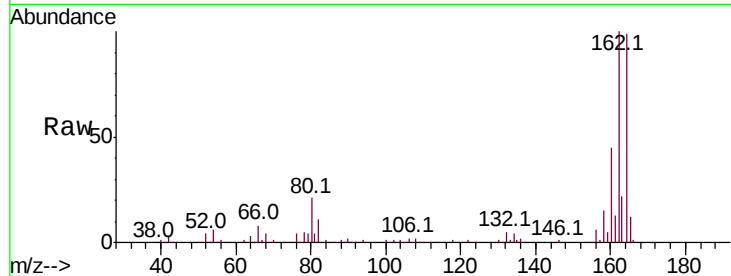




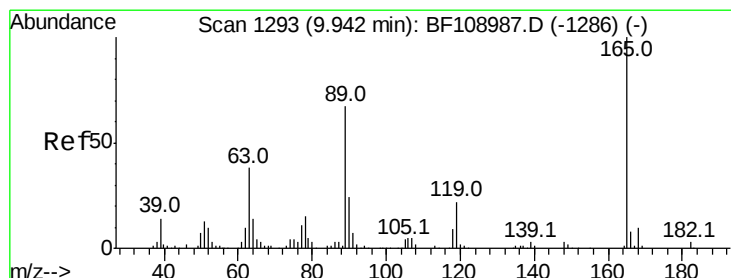
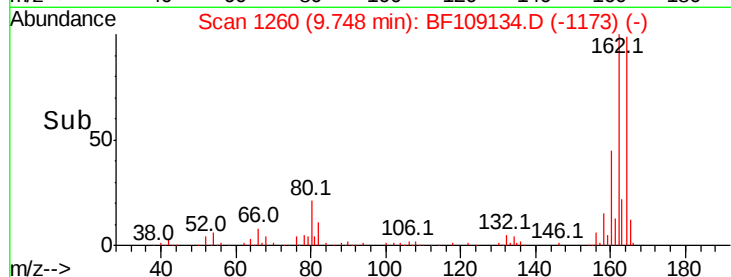
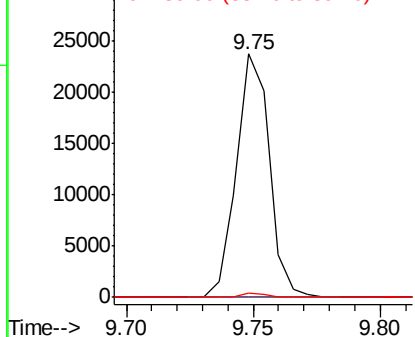
#50
 2,6-Dinitrotoluene
 Concen: 7.883 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#

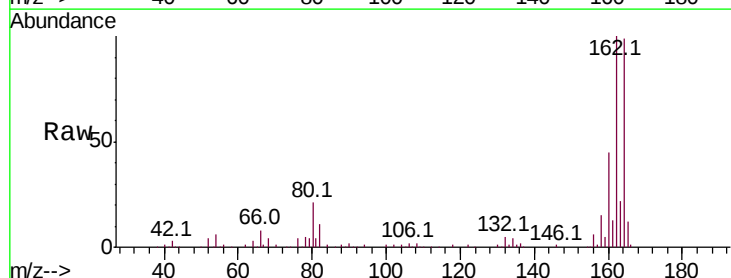


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

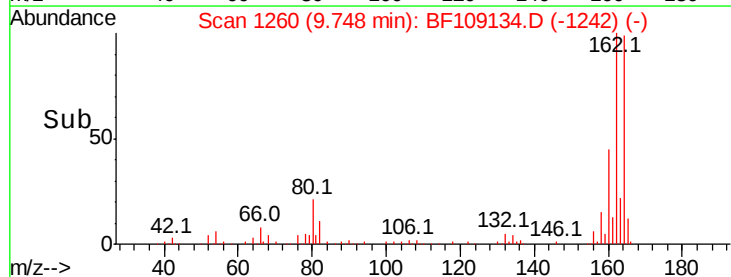
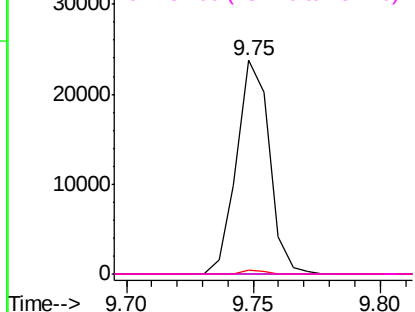


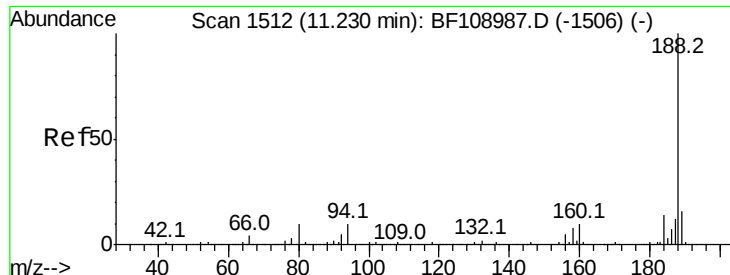
#56
 2,4-Dinitrotoluene
 Concen: 6.028 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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

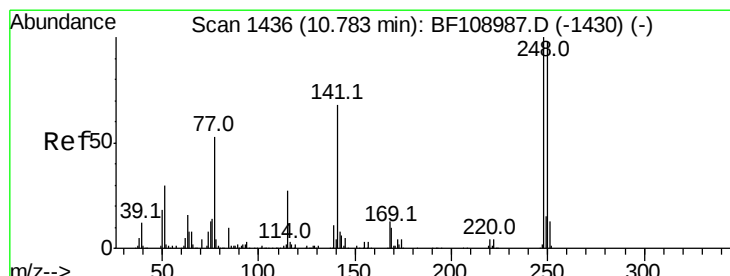
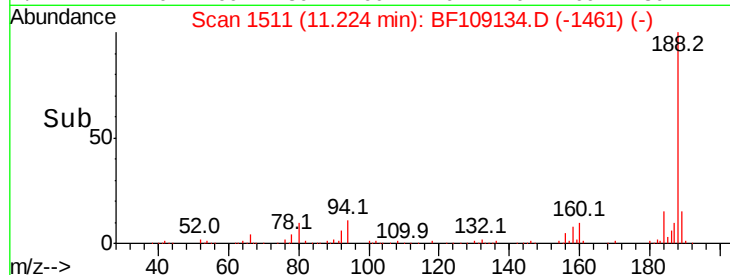
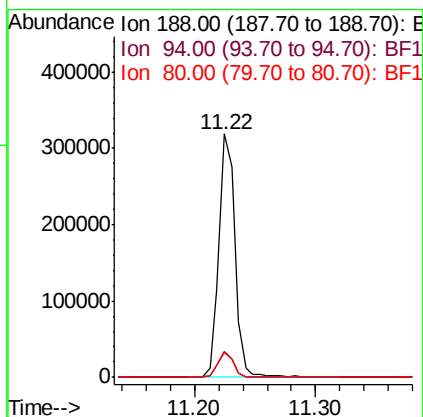
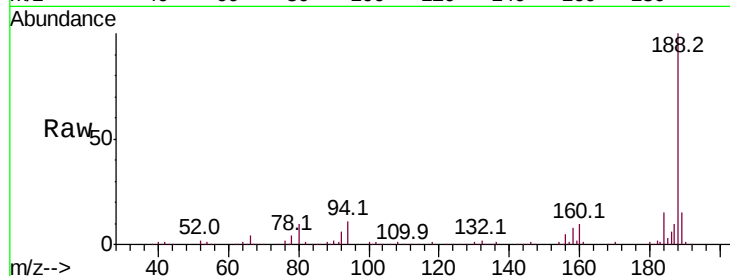




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

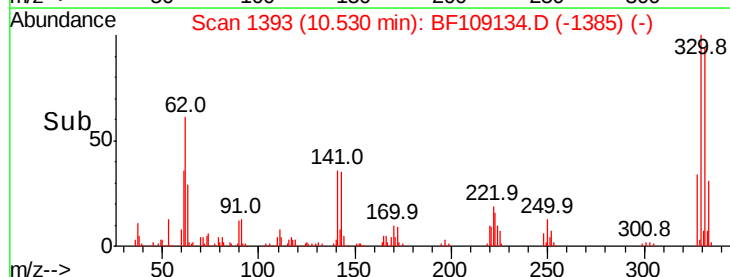
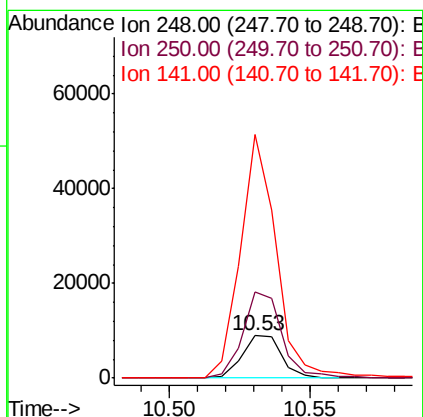
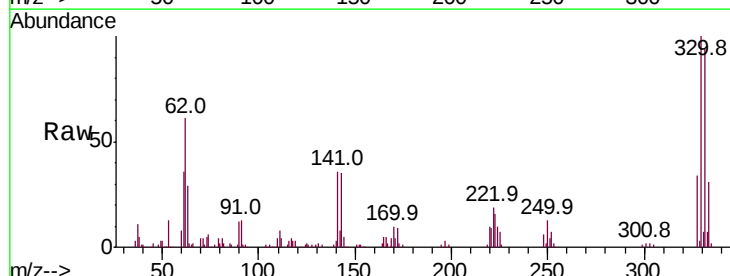
Instrument :
 BNA_F
 ClientSampleId :

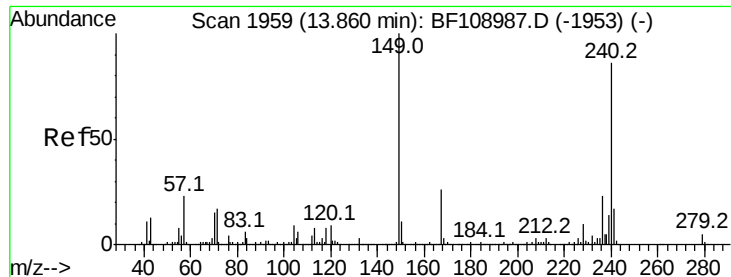
Tot Ion:188 Resp: 291552
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 10.4 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.654 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109134.D
 Acq: 19 Sep 2018 9:11

Tgt Ion:248 Resp: 8723
 Ion Ratio Lower Upper
 248 100
 250 203.9 76.9 115.3#
 141 572.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109134.D

Acq: 19 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

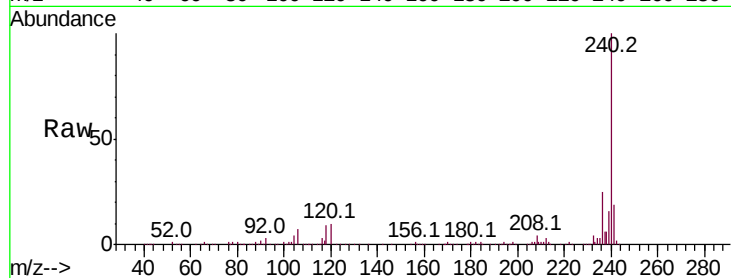
Tot Ion:240 Resp: 307433

Ion Ratio Lower Upper

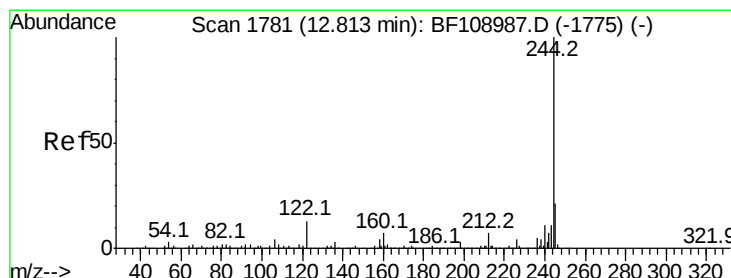
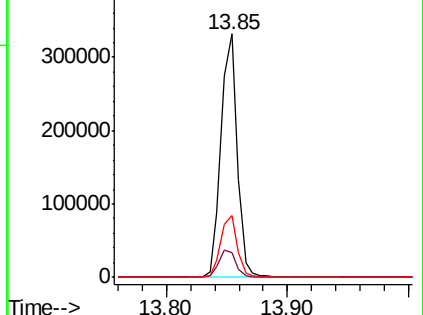
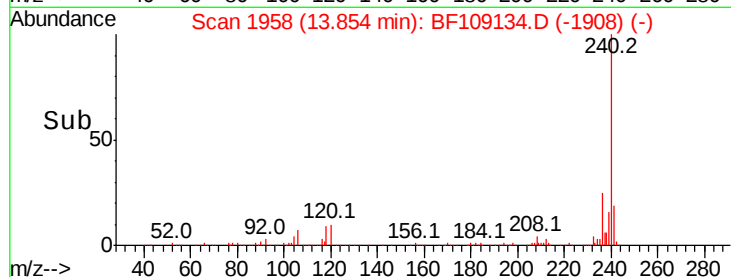
240 100

120 10.2 9.5 14.3

236 25.4 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: 86.160 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109134.D

Acq: 19 Sep 2018 9:11

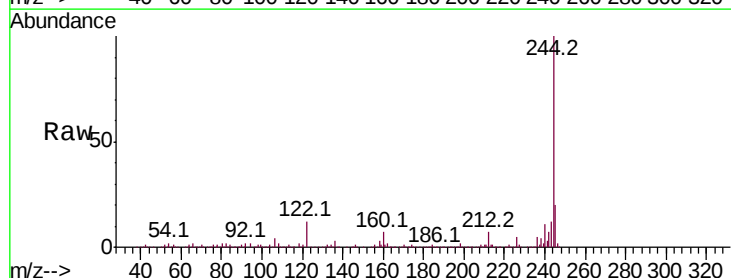
Tgt Ion:244 Resp: 1117531

Ion Ratio Lower Upper

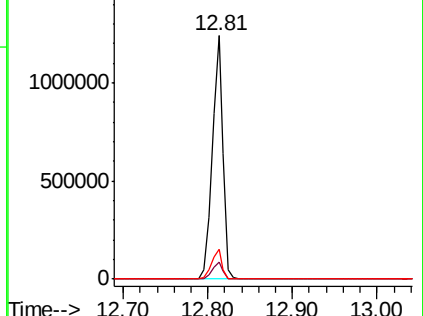
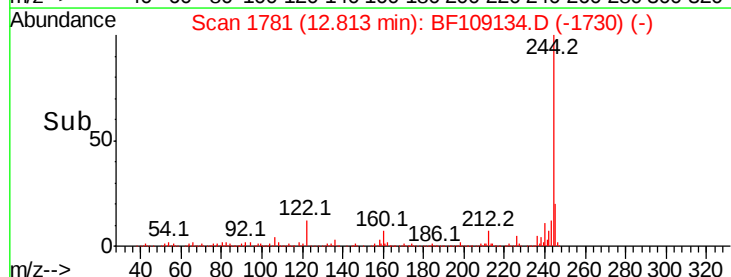
244 100

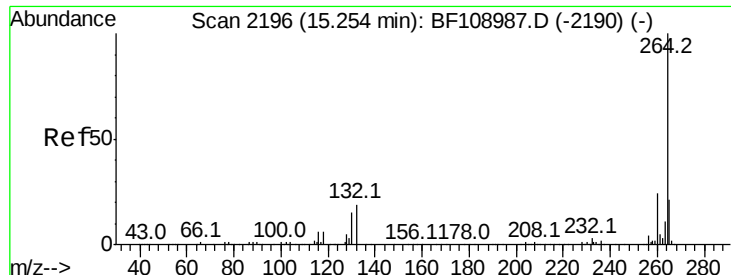
212 7.1 5.4 8.0

122 12.2 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: BF109134.D
 Acq: 19 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3

