

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109182.D
 Acq On : 20 Sep 2018 15:21
 Operator : JU/SJ
 Sample : PB113049BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 15:46:55 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

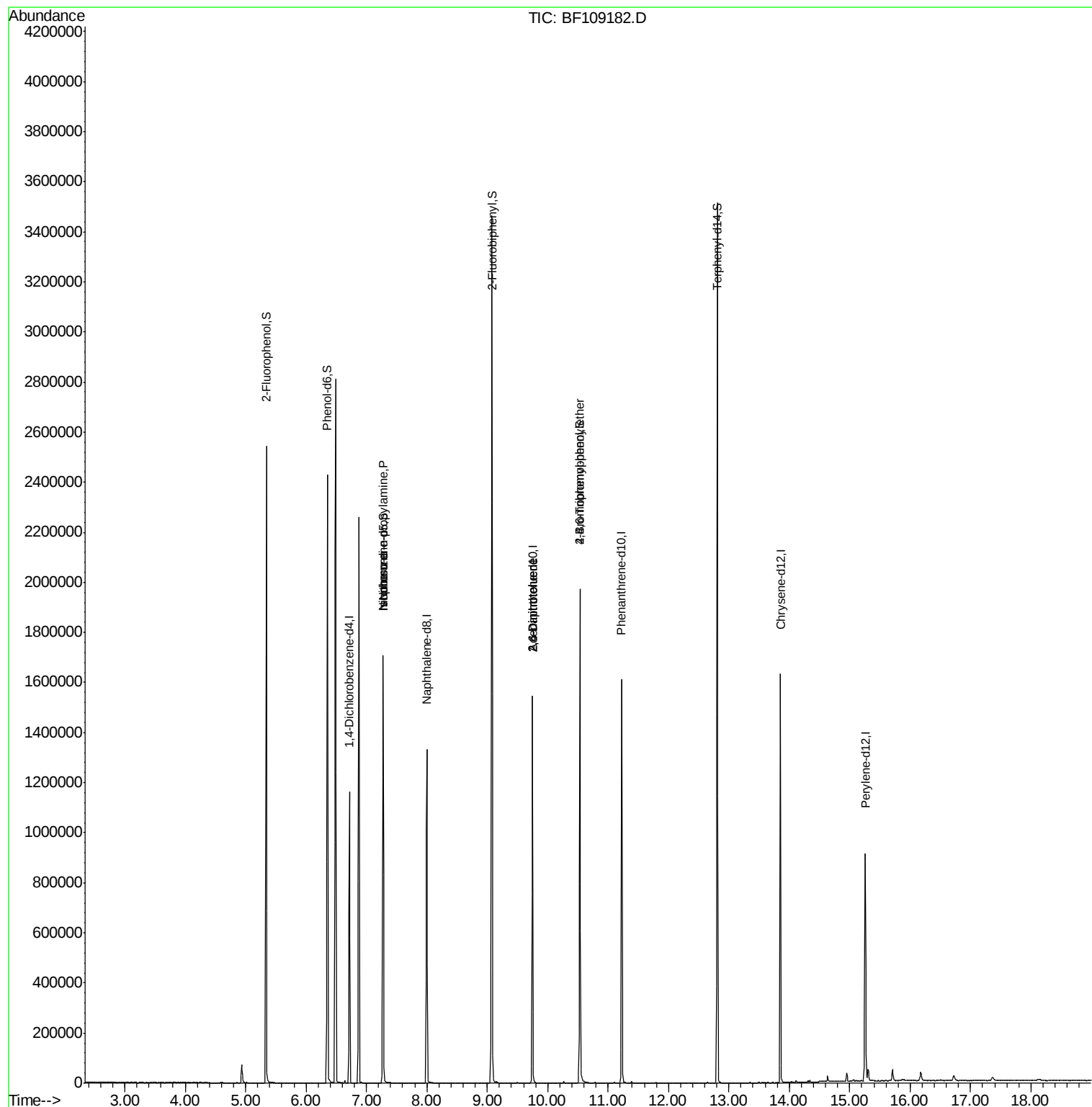
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155546	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	620551	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	314485	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	645630	20.00	ng	0.00
75) Chrysene-d12	13.85	240	558264	20.00	ng	0.00
86) Perylene-d12	15.26	264	441840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	715757	76.43	ng	0.02
7) Phenol-d6	6.35	99	939629	77.81	ng	0.00
23) Nitrobenzene-d5	7.28	82	595659	53.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	267426	78.36	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1126348	56.11	ng	0.00
78) Terphenyl-d14	12.81	244	1244754	52.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	79901	10.010	ng	# 76
25) Isophorone	7.28	82	587872	30.911	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	40618	8.148	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	40618	6.231	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	15941	2.190	ng	# 1

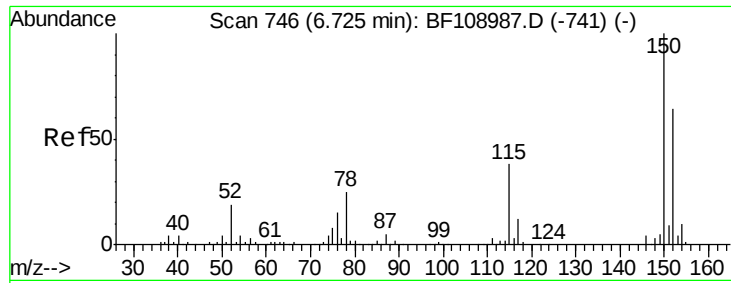
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109182.D
Acq On : 20 Sep 2018 15:21
Operator : JU/SJ
Sample : PB113049BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 20 15:46:55 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



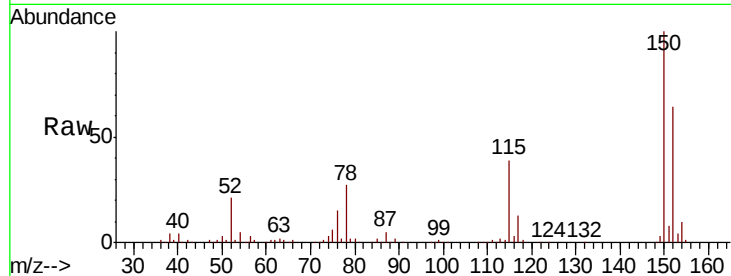


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	60.7	50.1	75.1

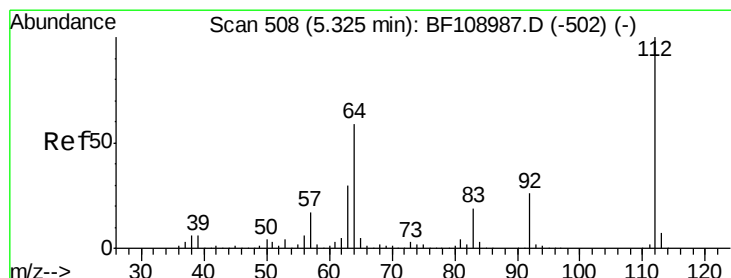
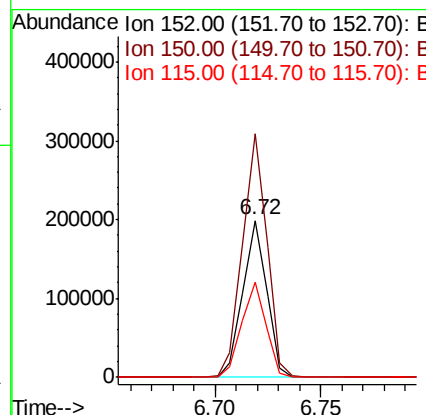
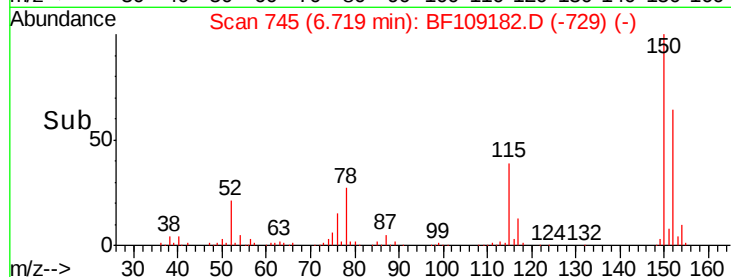


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

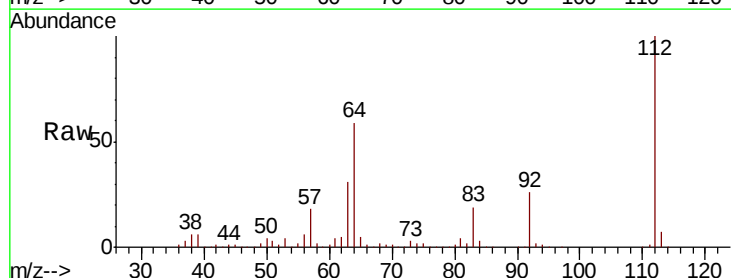
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 76.427 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.02 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.6	23.7	35.5

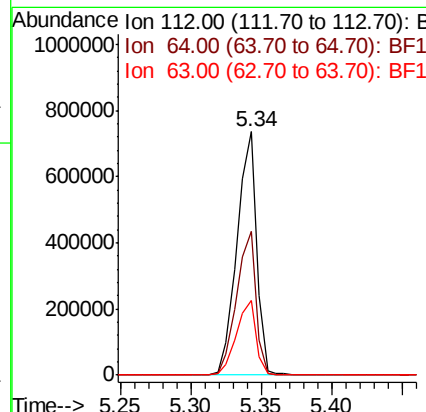
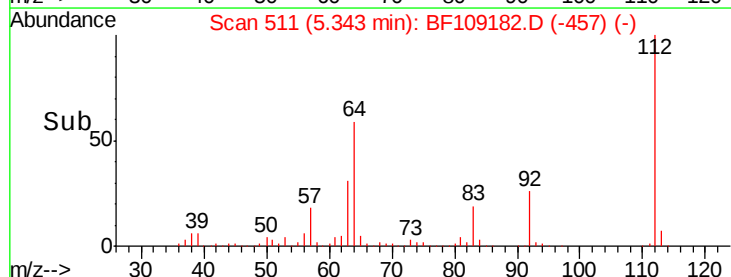


Abundance

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

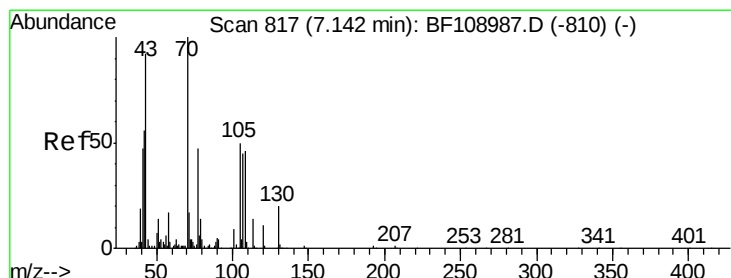
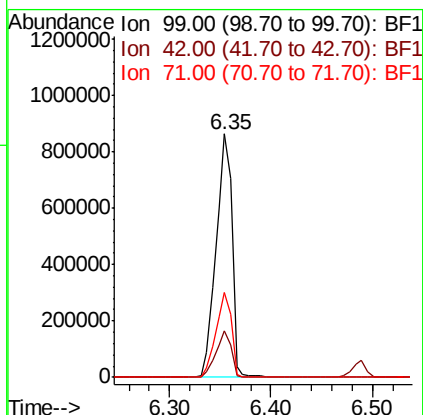
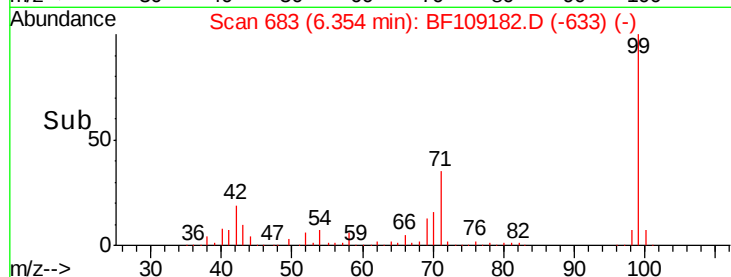
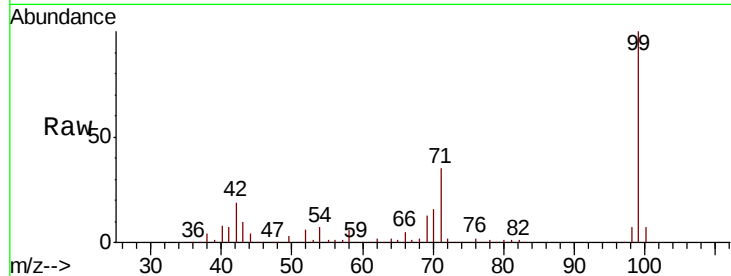




#7
 Phenol-d6
 Concen: 77.809 ng
 RT: 6.35 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

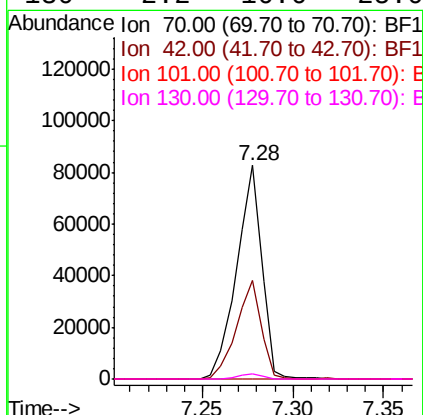
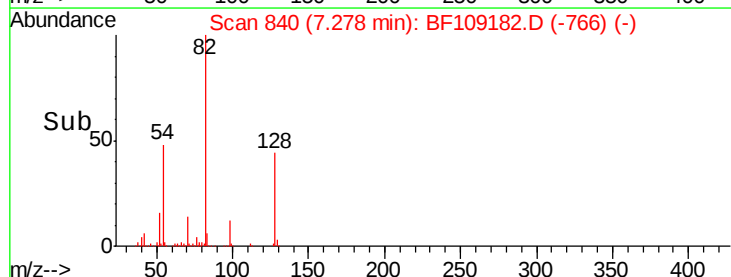
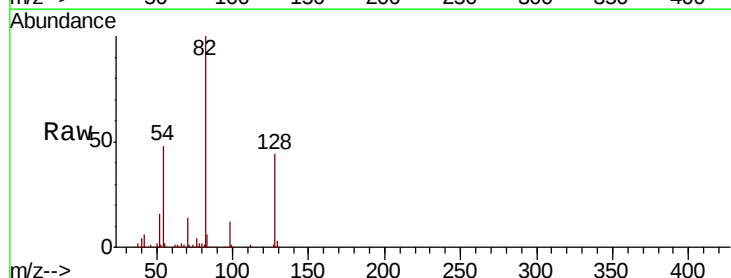
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	35.1	25.4	38.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 10.010 ng
 RT: 7.28 min Scan# 840
 Delta R.T. 0.14 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

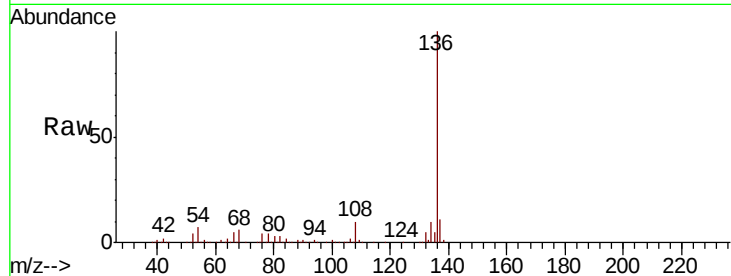




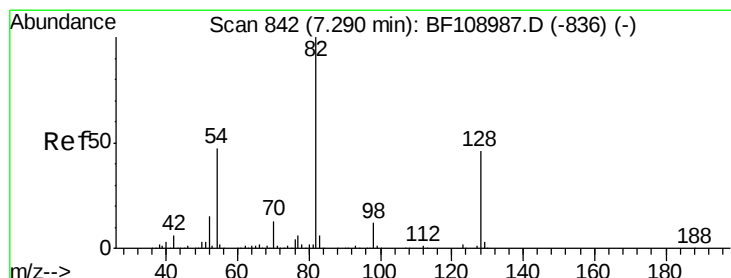
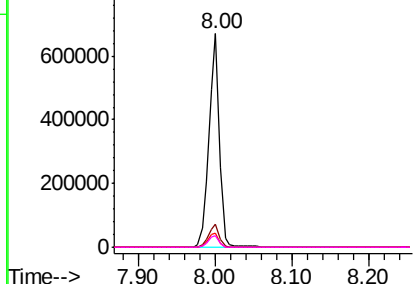
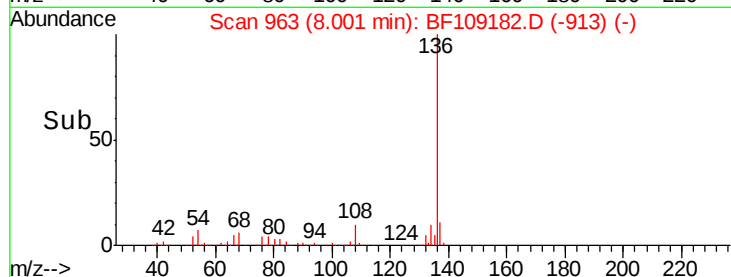
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109182.D
Acq: 20 Sep 2018 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	620551	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.9	13.3	
54 6.8	6.6	9.8	
68 5.6	5.0	7.4	

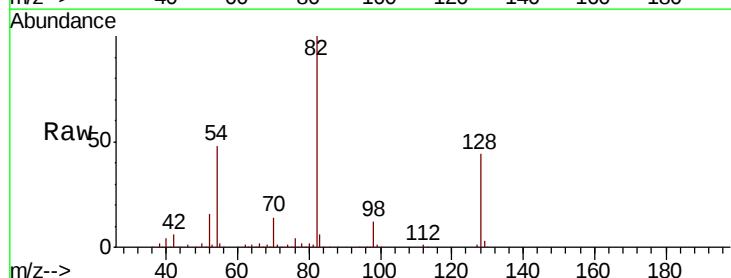


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

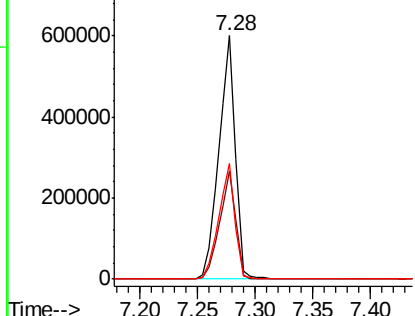
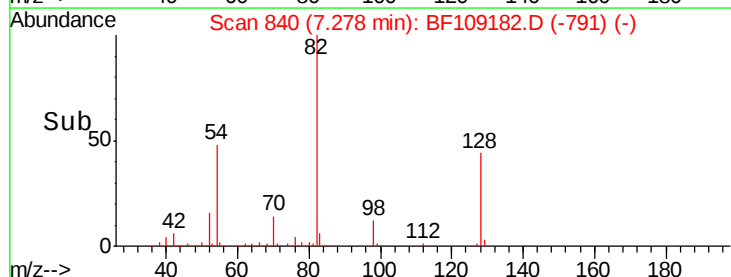


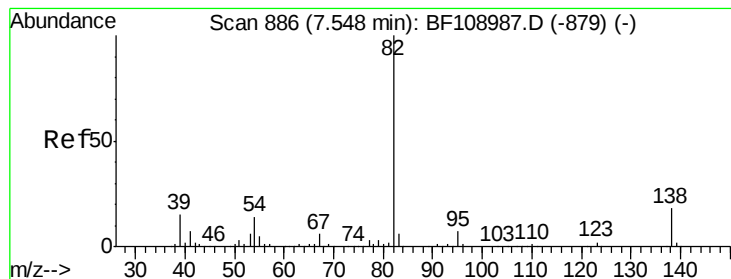
#23
Nitrobenzene-d5
Concen: 53.838 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109182.D
Acq: 20 Sep 2018 15:21

Tgt Ion: 82	Resp: 595659
Ion Ratio	Lower Upper
82 100	
128 44.4	36.1 54.1
54 47.6	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: 30.911 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109182.D

Acq: 20 Sep 2018 15:21

Instrument :

BNA_F

ClientSampleId :

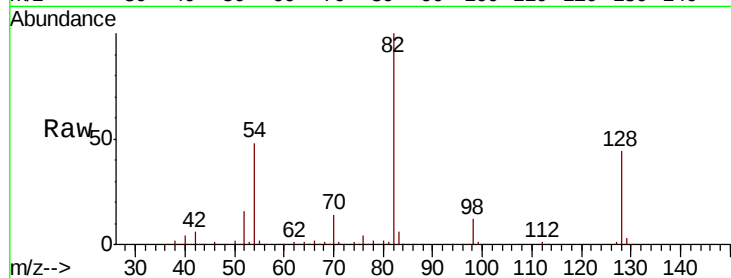
Tot Ion: 82 Resp: 587872

Ion Ratio Lower Upper

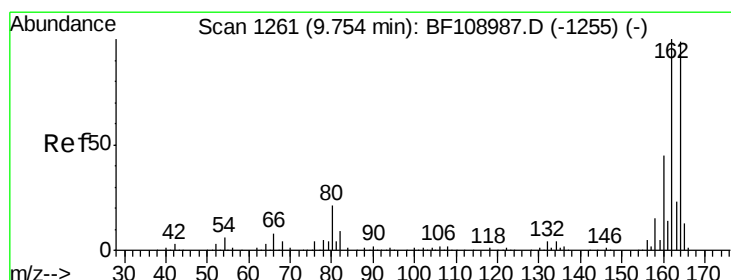
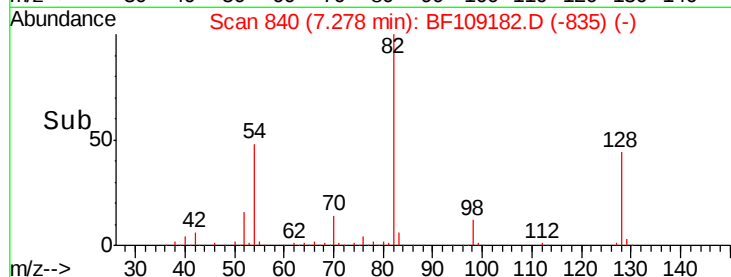
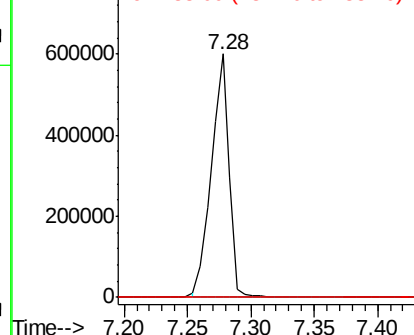
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109182.D

Acq: 20 Sep 2018 15:21

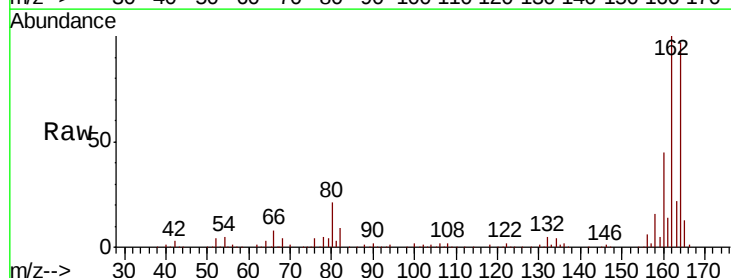
Tgt Ion: 164 Resp: 314485

Ion Ratio Lower Upper

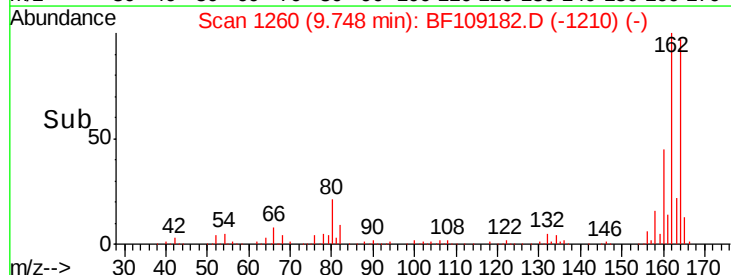
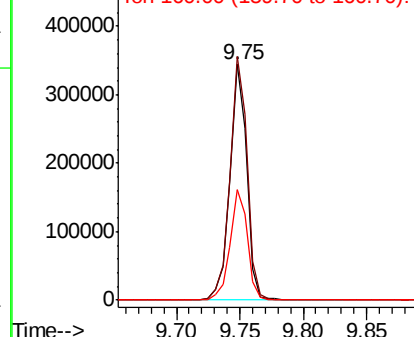
164 100

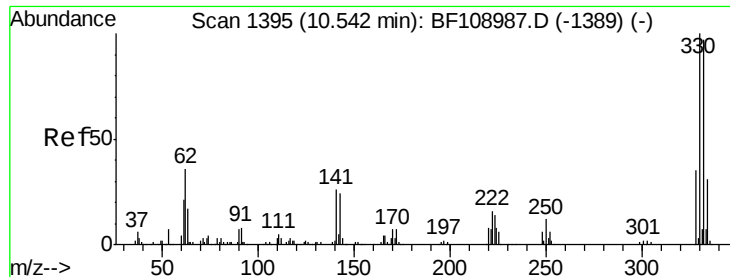
162 103.4 86.1 129.1

160 46.9 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

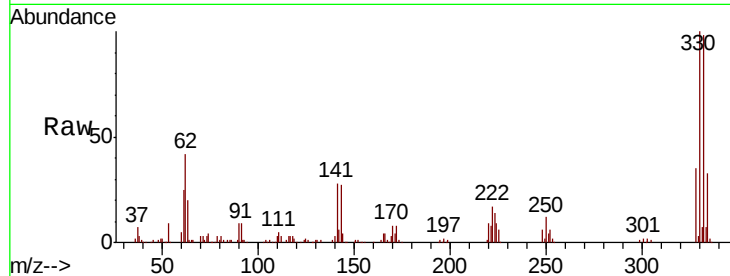




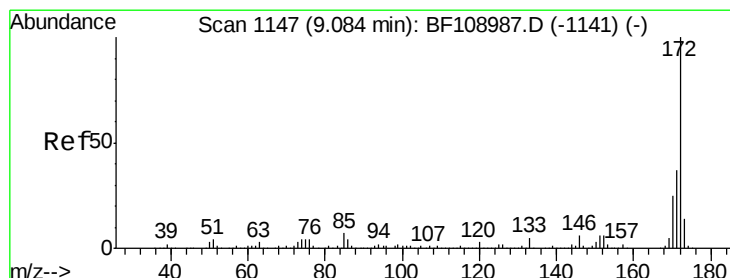
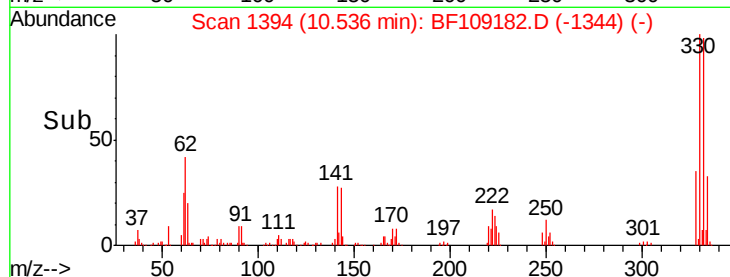
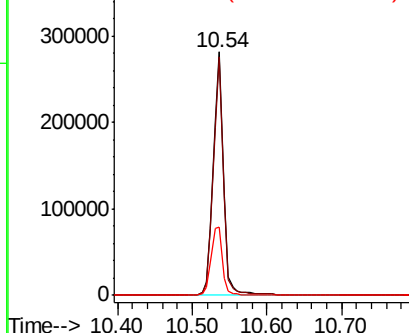
#41
 2,4,6-Tribromophenol
 Concen: 78.355 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	31.5	29.9	44.9

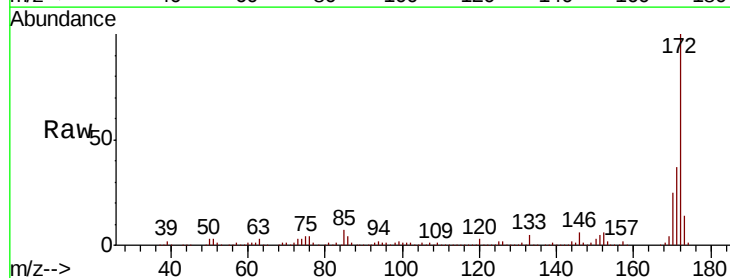


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

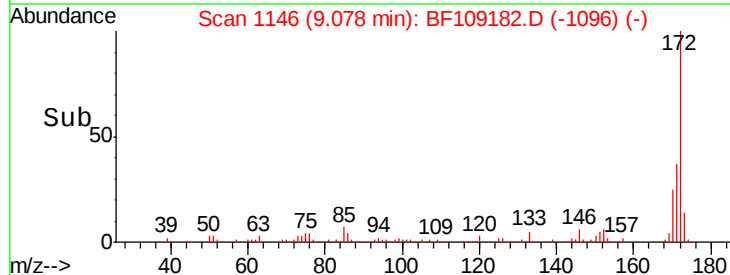
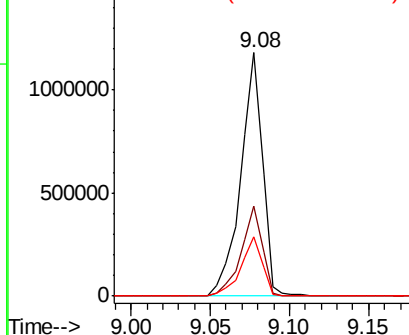


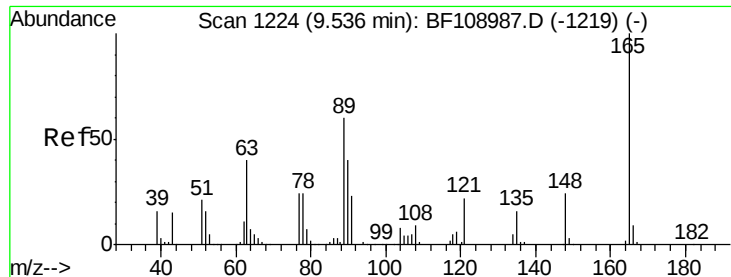
#44
 2-Fluorobiphenyl
 Concen: 56.113 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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

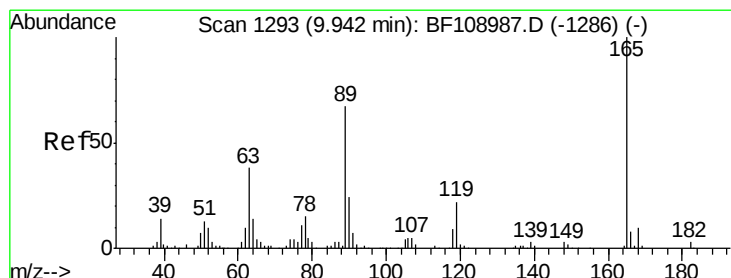
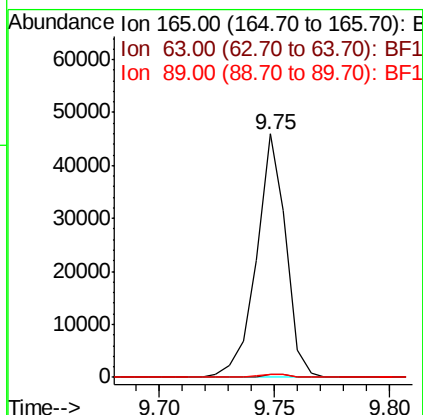
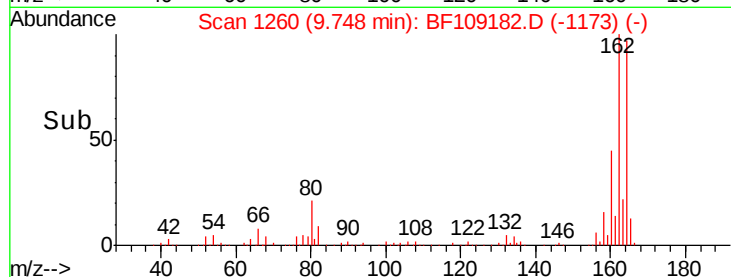
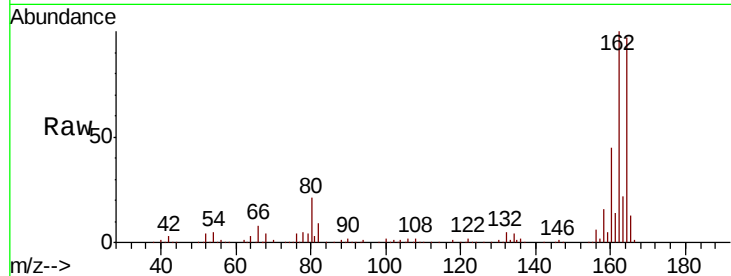




#50
 2,6-Dinitrotoluene
 Concen: 8.148 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

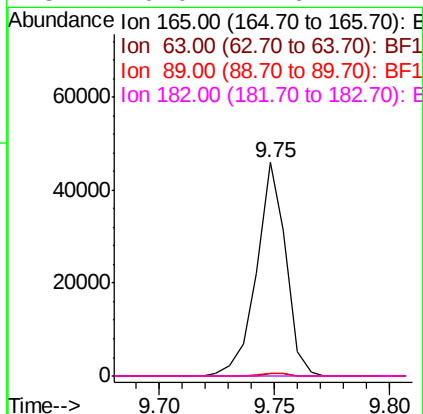
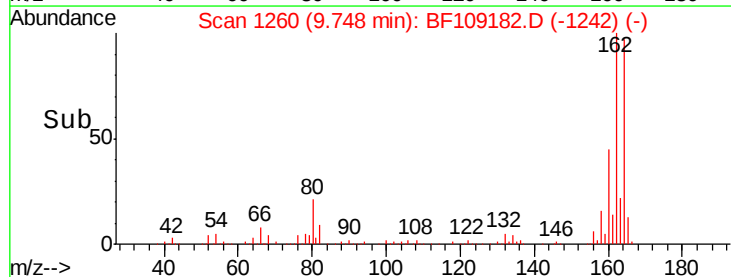
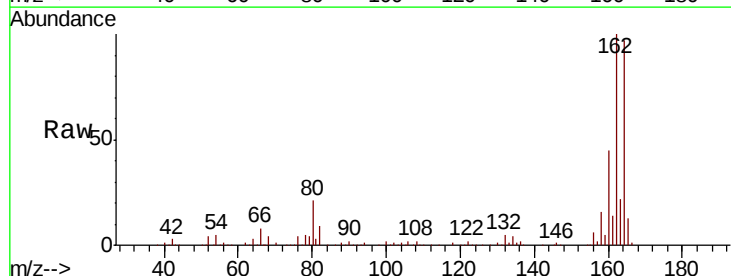
Instrument :
 BNA_F
 ClientSampleId :

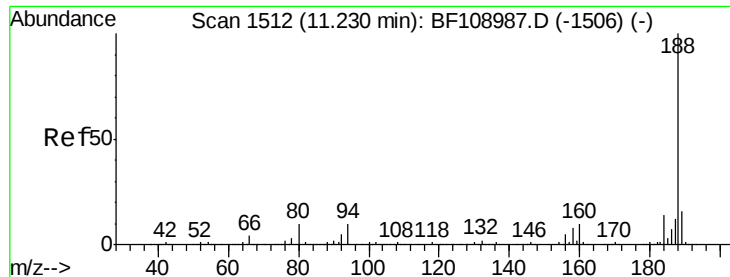
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.231 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

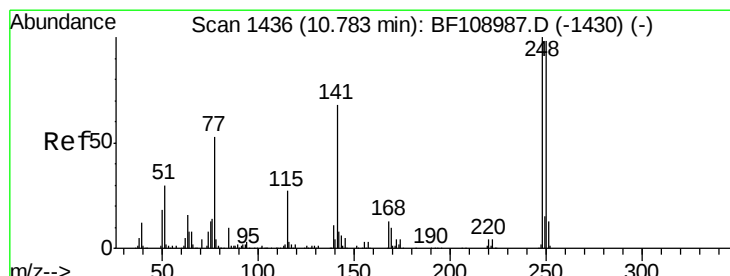
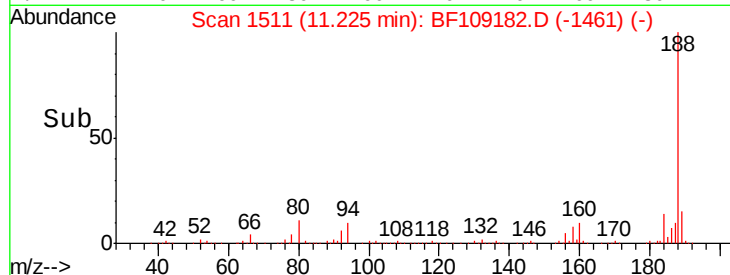
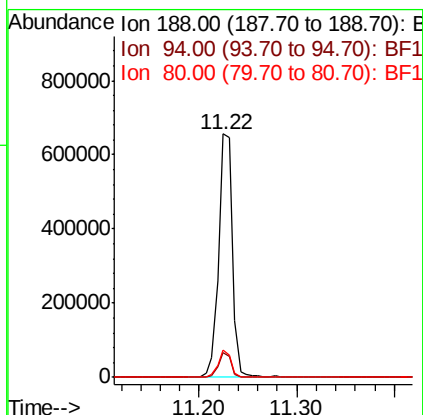
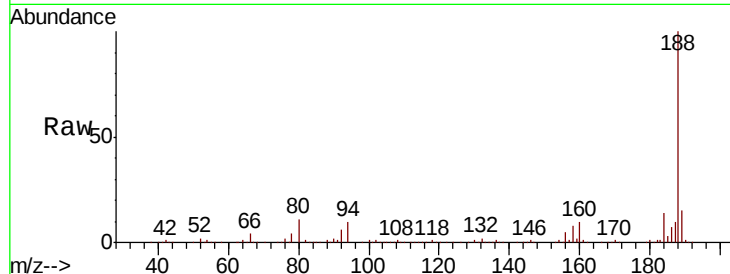




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109182.D
Acq: 20 Sep 2018 15:21

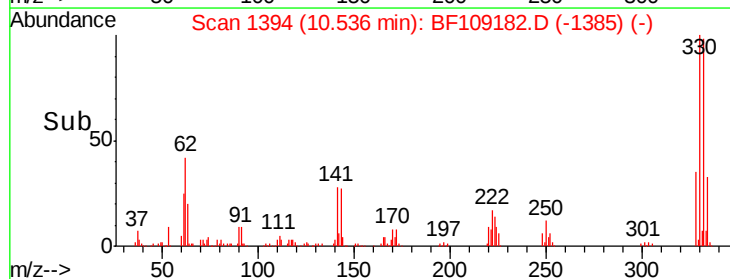
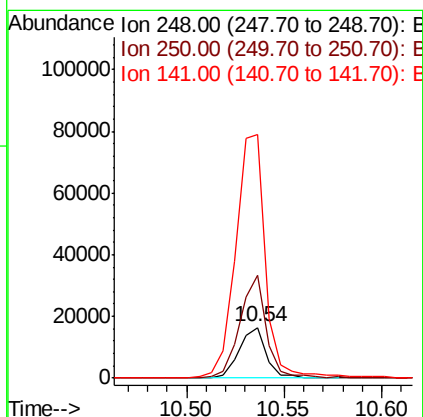
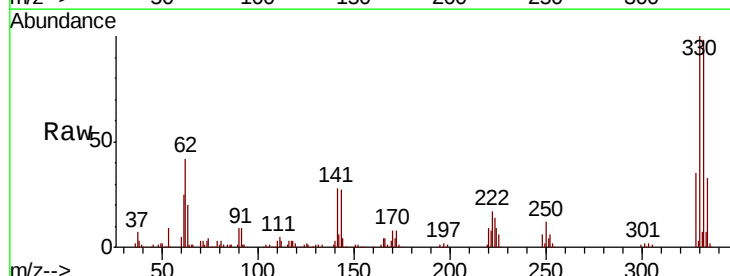
Instrument :
BNA_F
ClientSampleId :

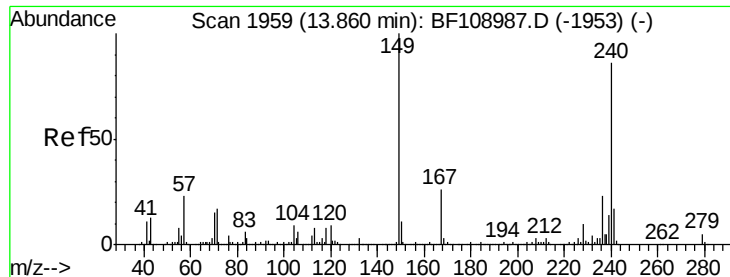
Tot Ion:188 Resp: 645630
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.190 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109182.D
Acq: 20 Sep 2018 15:21

Tgt Ion:248 Resp: 15941
Ion Ratio Lower Upper
248 100
250 203.1 76.9 115.3#
141 479.2 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: BF109182.D

Acq: 20 Sep 2018 15:21

Instrument :

BNA_F

ClientSampleId :

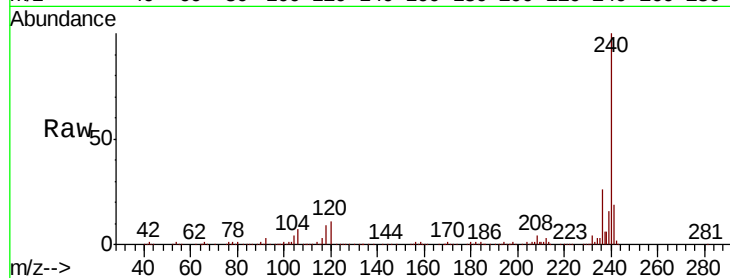
Tot Ion:240 Resp: 558264

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

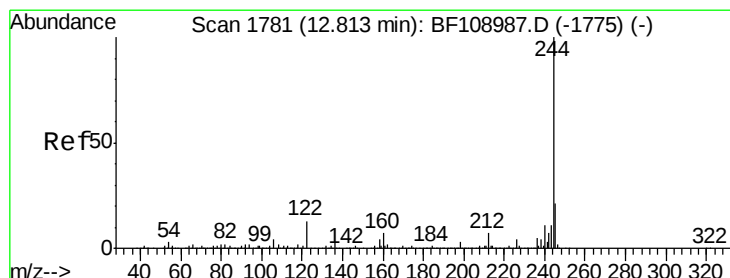
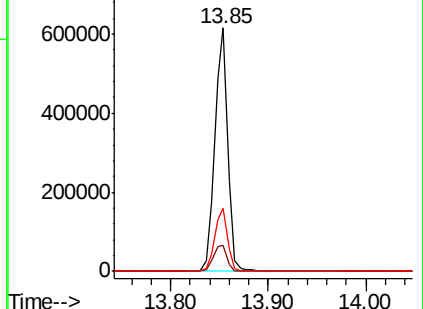
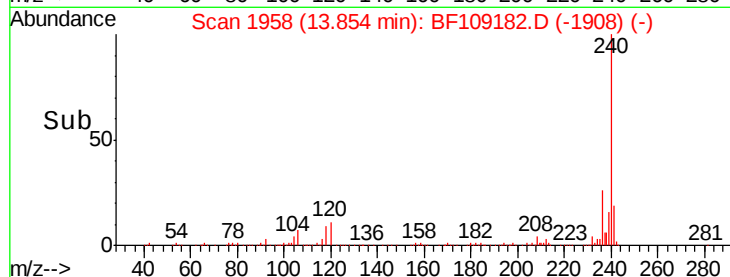
236 25.7 20.7 31.1



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: 52.849 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109182.D

Acq: 20 Sep 2018 15:21

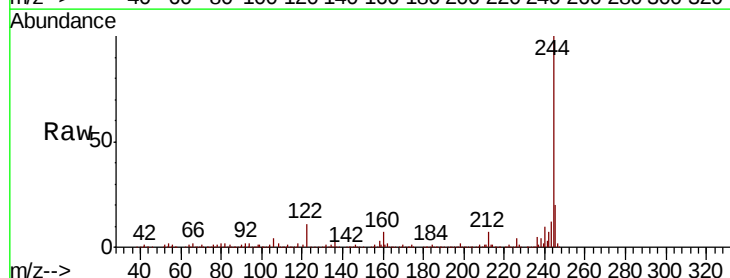
Tgt Ion:244 Resp: 1244754

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

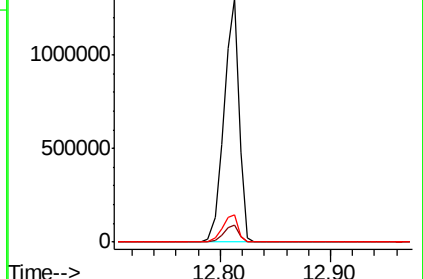
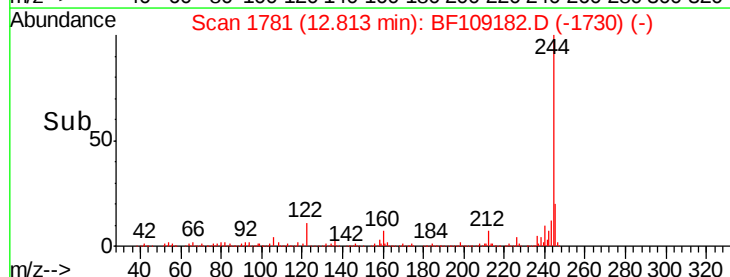
122 11.0 11.0 16.4

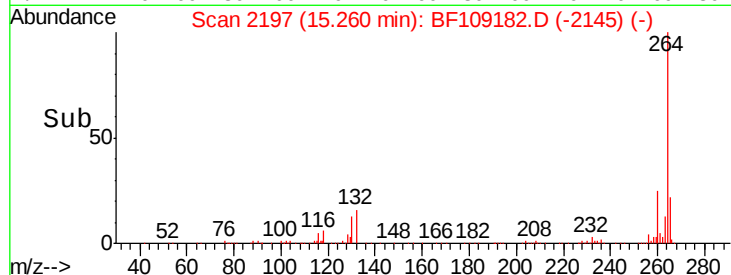
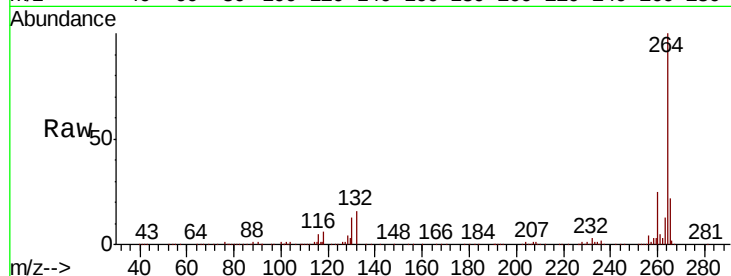
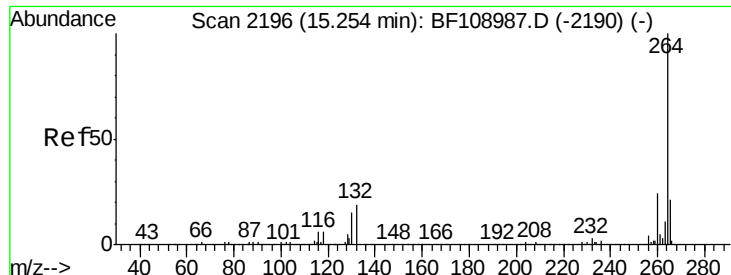


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109182.D
 Acq: 20 Sep 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	441840
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.0	17.5	26.3

