

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109203.D
 Acq On : 21 Sep 2018 00:53
 Operator : JU/SJ
 Sample : J4993-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 07:13:40 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

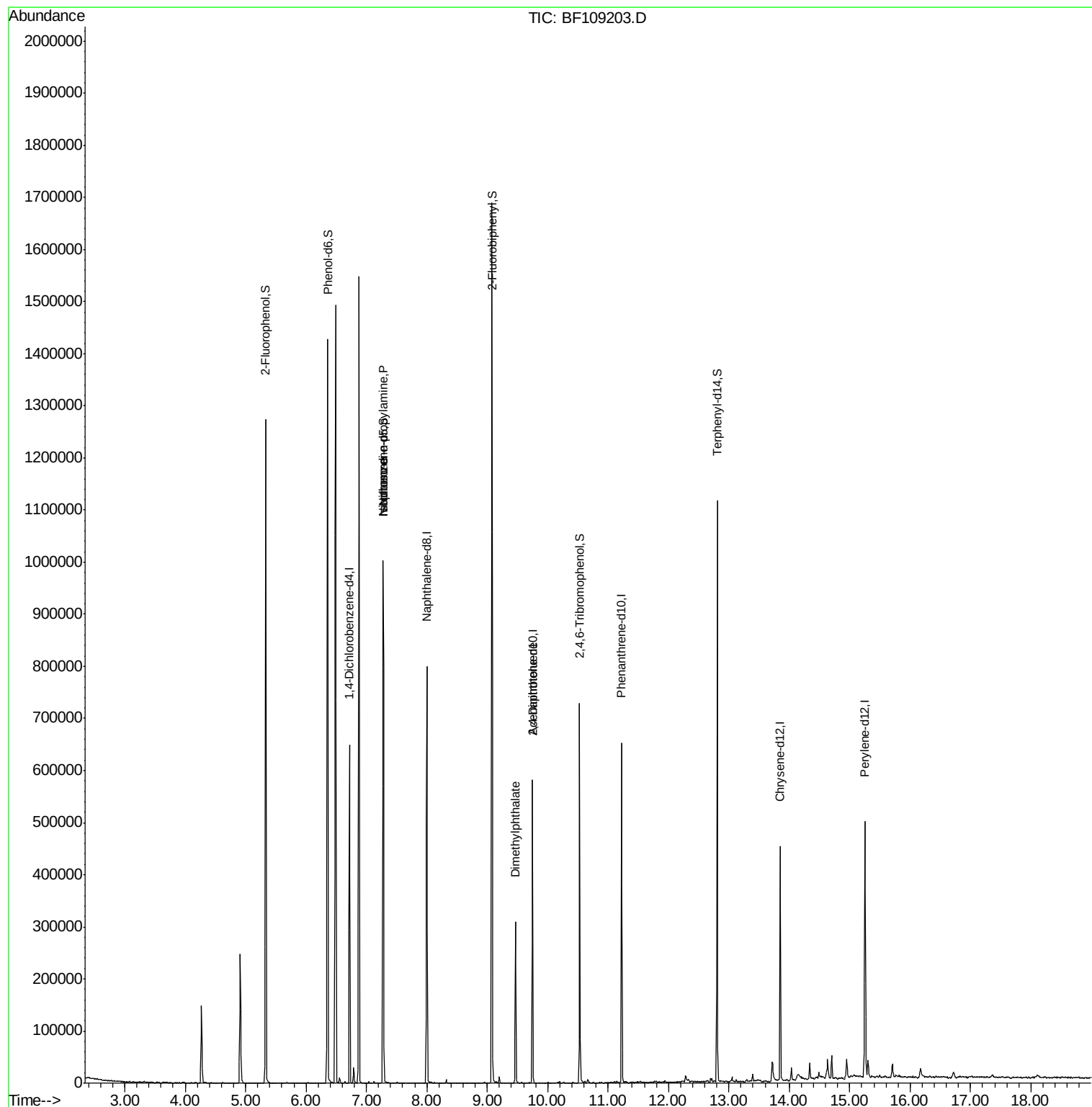
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	80439	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	311283	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	105430	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	208836	20.00	ng	0.00
75) Chrysene-d12	13.85	240	142419	20.00	ng	-0.01
86) Perylene-d12	15.25	264	217410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	342816	70.78	ng	0.00
7) Phenol-d6	6.36	99	526355	84.28	ng	0.00
23) Nitrobenzene-d5	7.28	82	337567	60.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	73901	64.59	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	473722	70.40	ng	0.00
78) Terphenyl-d14	12.81	244	328810	54.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	46472	11.258	ng	# 82
25) Isophorone	7.28	82	334672	35.081	ng	# 64
49) Dimethylphthalate	9.47	163	107266	14.235	ng	99
56) 2,4-Dinitrotoluene	9.75	165	12549	5.742	ng	# 21

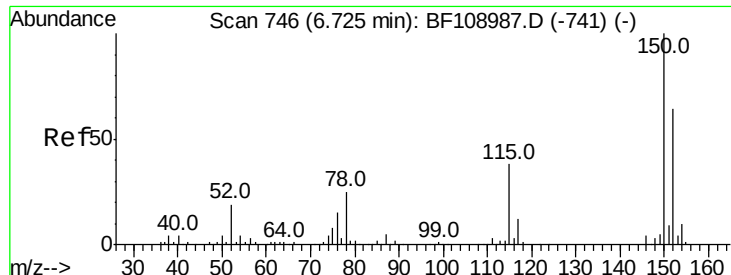
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109203.D
Acq On : 21 Sep 2018 00:53
Operator : JU/SJ
Sample : J4993-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 21 07:13:40 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



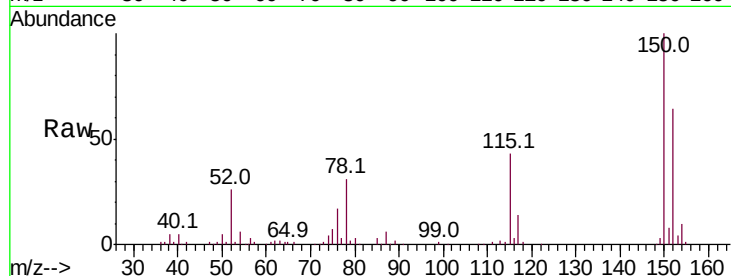


#1

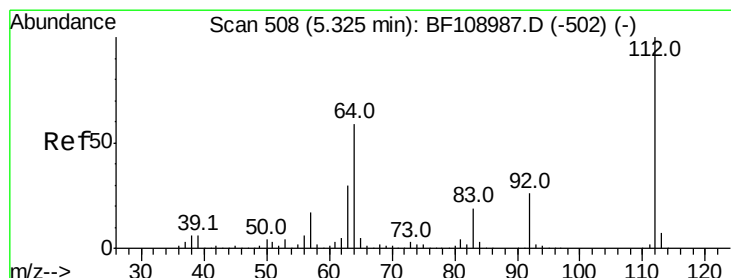
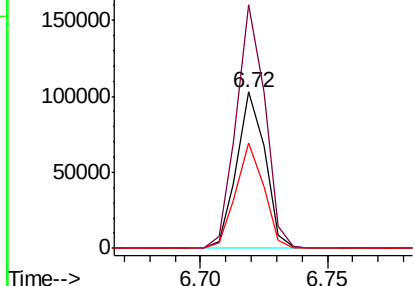
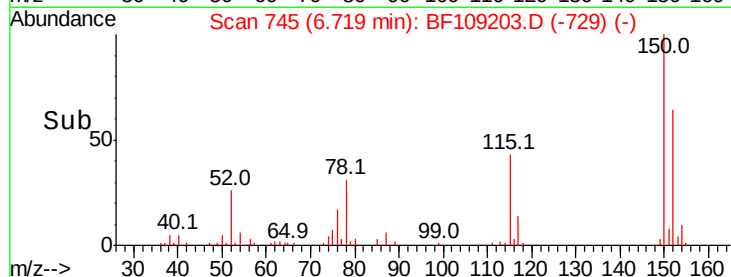
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80439
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 67.3 50.1 75.1



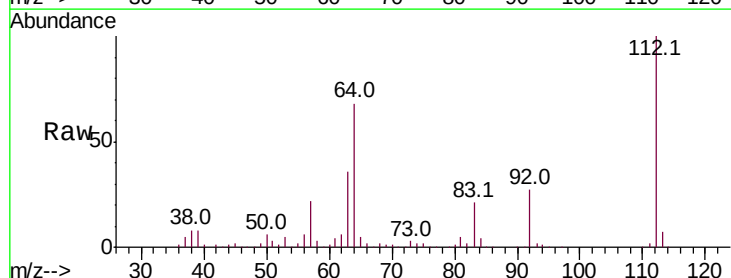
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



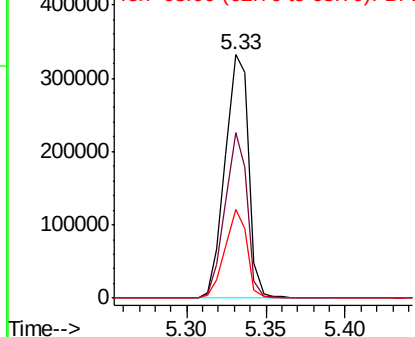
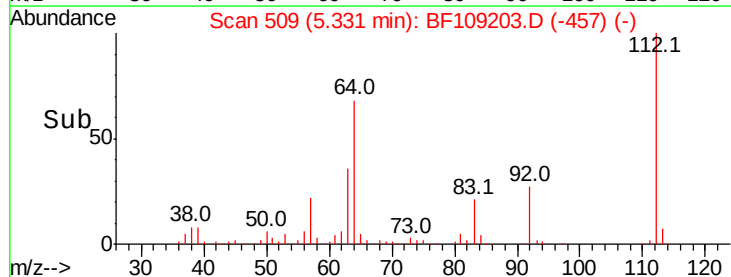
#5

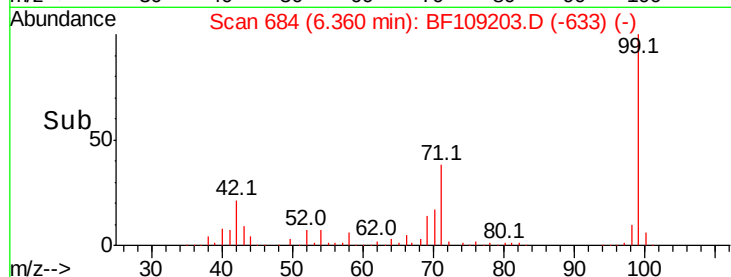
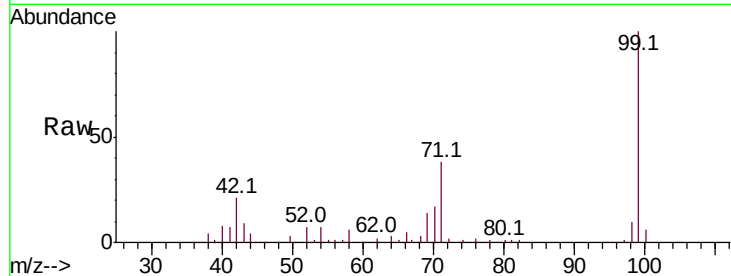
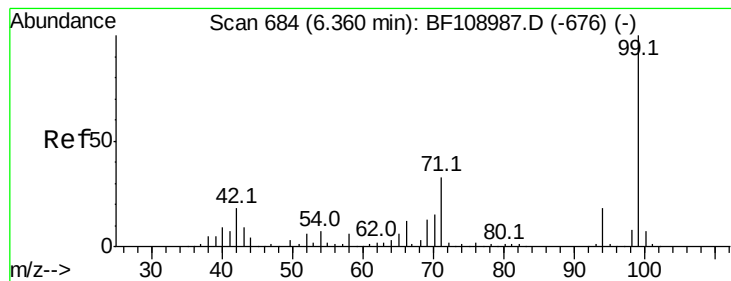
2-Fluorophenol
Concen: 70.784 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Tgt Ion:112 Resp: 342816
Ion Ratio Lower Upper
112 100
64 68.0 47.9 71.9
63 36.3 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: 84.284 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109203.D

Acq: 21 Sep 2018 00:53

Instrument :

BNA_F

ClientSampleId :

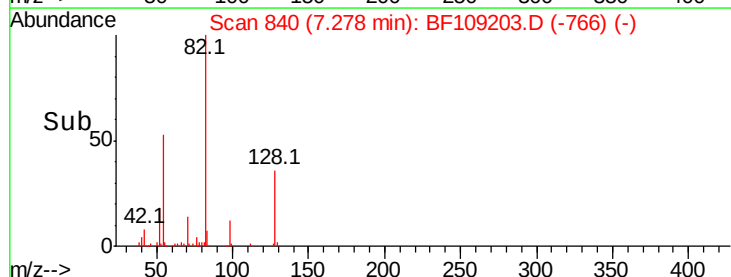
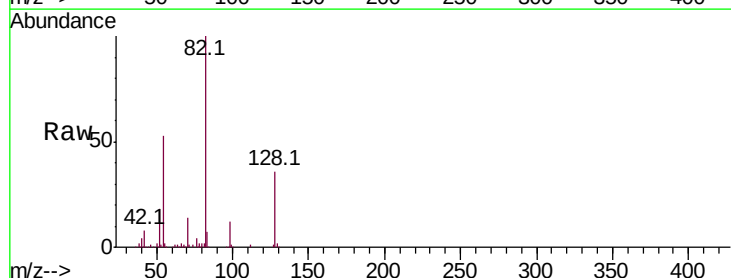
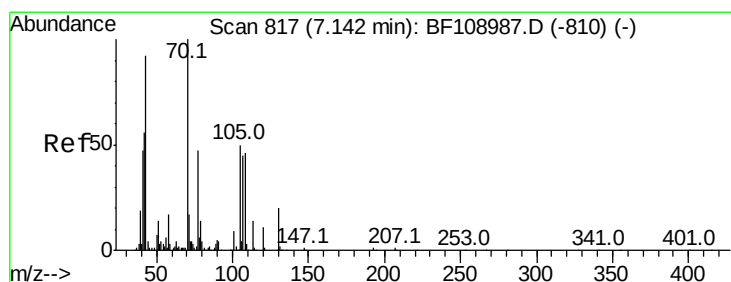
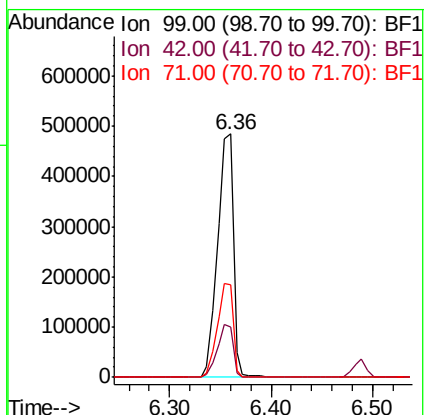
Tot Ion: 99 Resp: 526355

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 37.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.258 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109203.D

Acq: 21 Sep 2018 00:53

Tgt Ion: 70 Resp: 46472

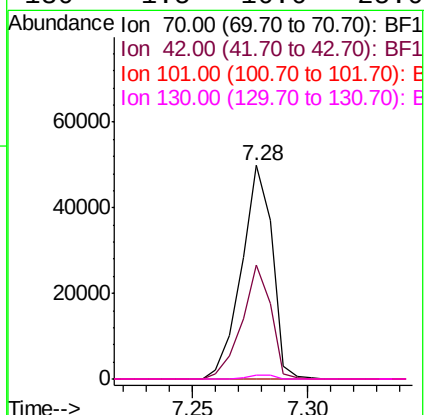
Ion Ratio Lower Upper

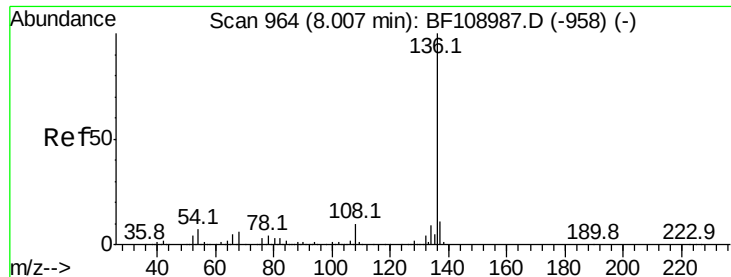
70 100

42 53.4 47.5 71.3

101 0.0 7.4 11.2#

130 1.5 16.6 25.0#

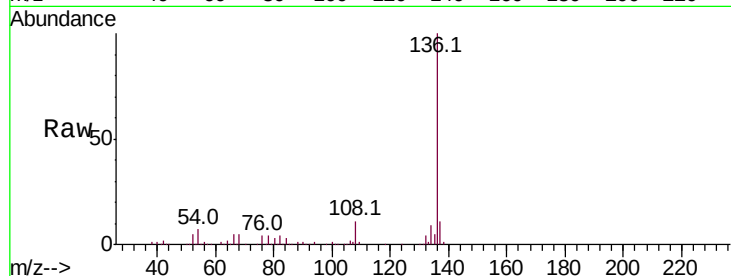




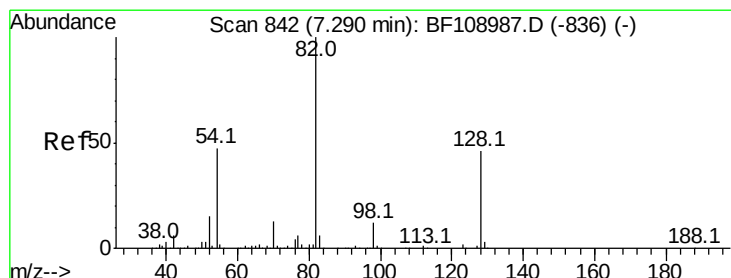
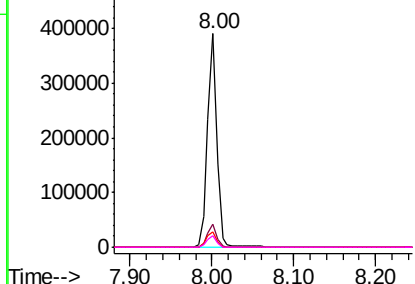
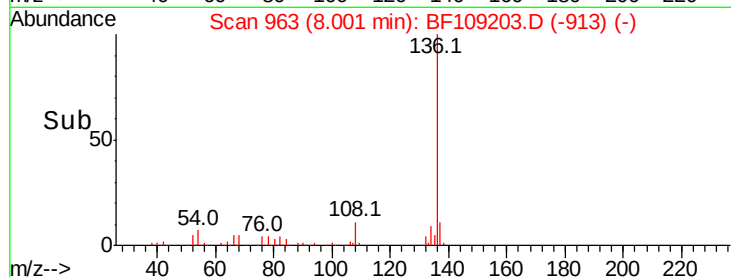
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	311283
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 7.2	6.6	9.8
68 5.5	5.0	7.4

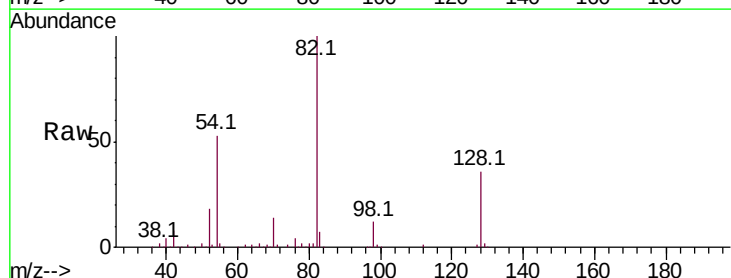


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

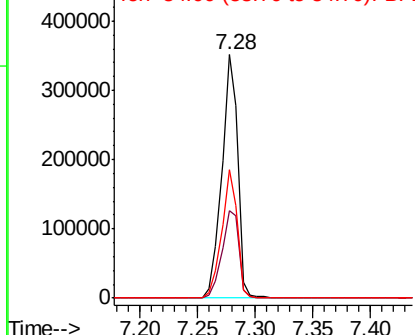
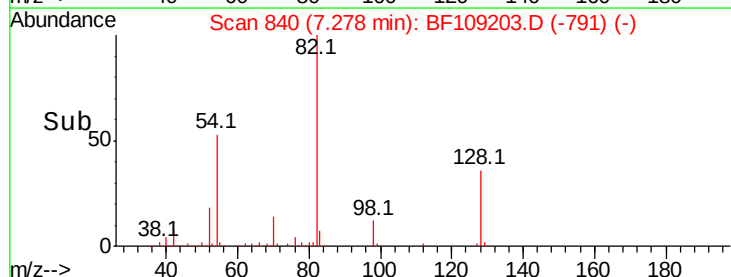


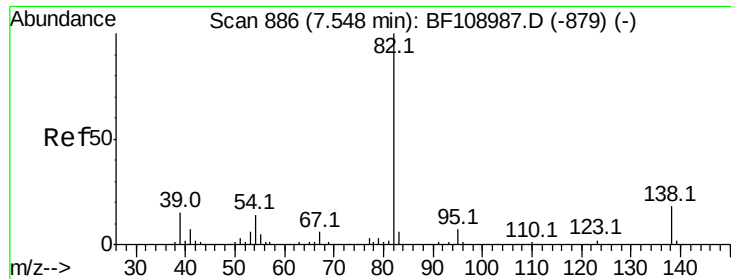
#23
Nitrobenzene-d5
Concen: 60.824 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Tgt	Ion: 82	Resp:	337567
Ion	Ratio	Lower	Upper
82	100		
128	35.8	36.1	54.1#
54	52.5	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: 35.081 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109203.D

Acq: 21 Sep 2018 00:53

Instrument :

BNA_F

ClientSampled :

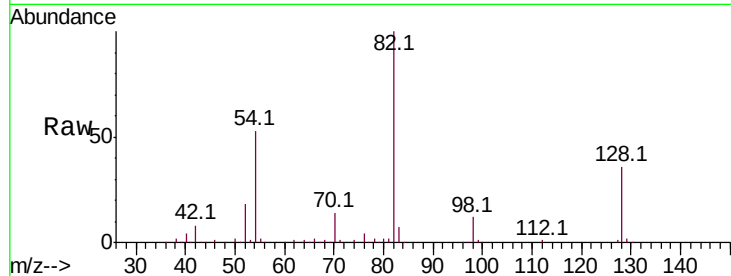
Tot Ion: 82 Resp: 334672

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

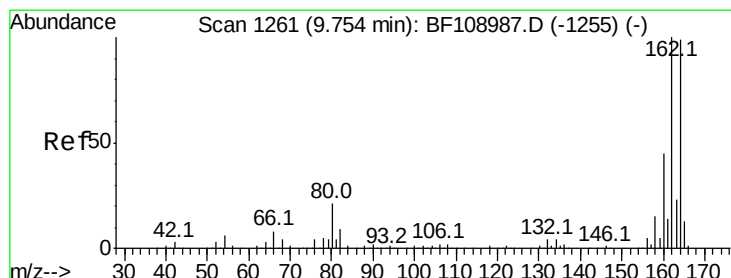
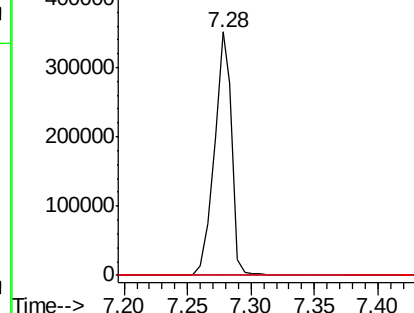
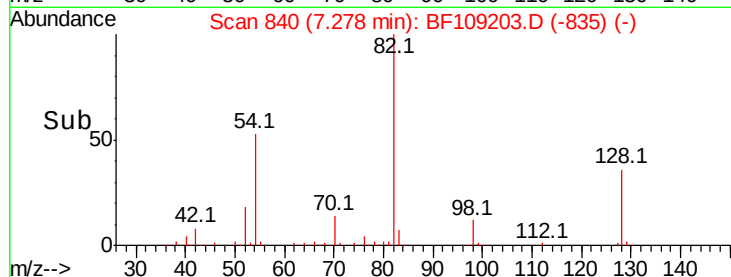
138 0.0 14.9 22.3#



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: BF109203.D

Acq: 21 Sep 2018 00:53

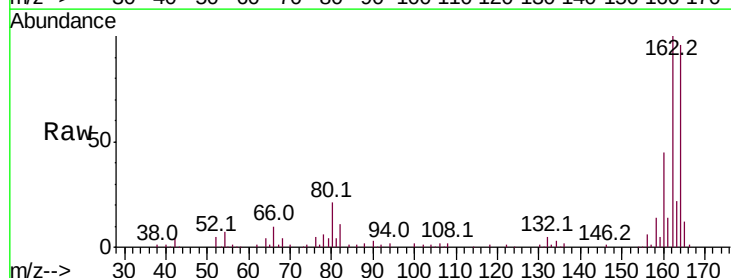
Tgt Ion: 164 Resp: 105430

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

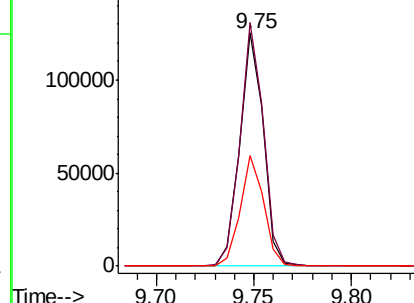
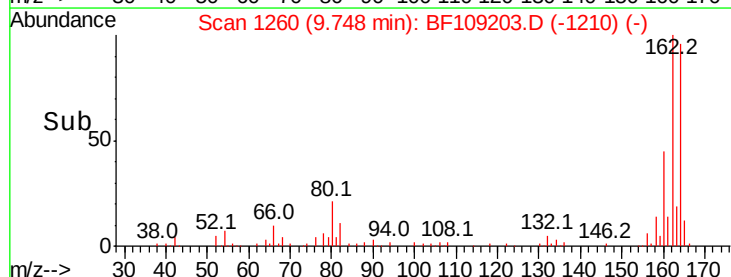
160 47.2 38.3 57.5

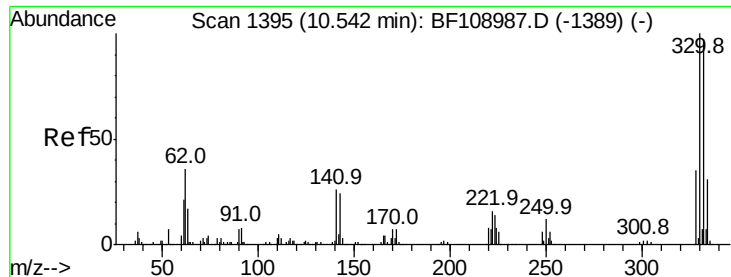


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

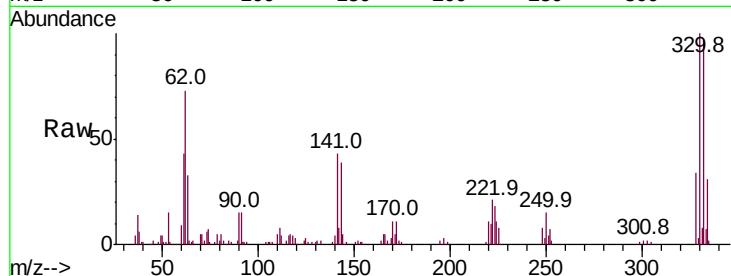




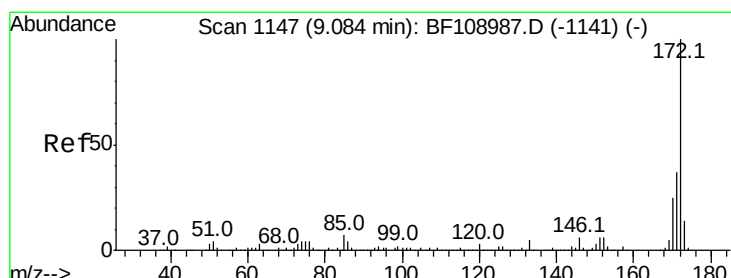
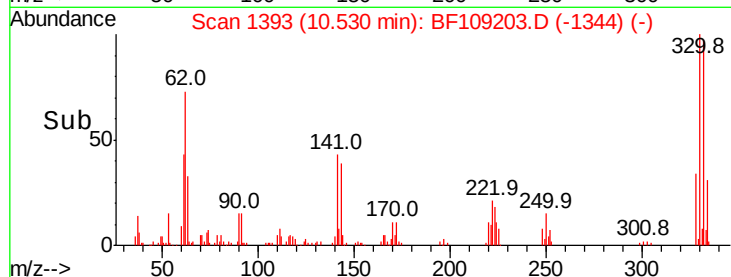
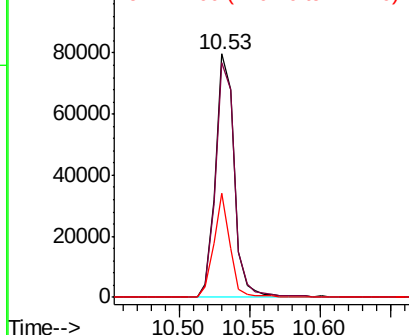
#41
 2,4,6-Tribromophenol
 Concen: 64.588 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109203.D
 Acq: 21 Sep 2018 00:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	36.9	29.9	44.9

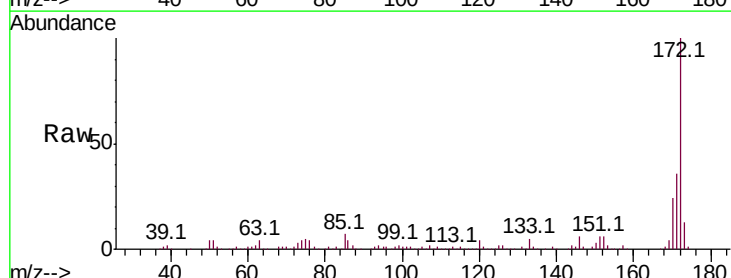


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

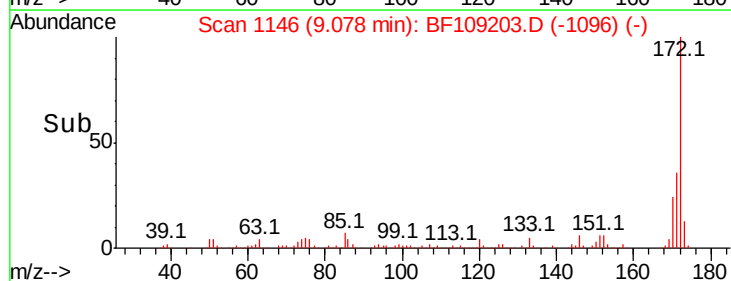
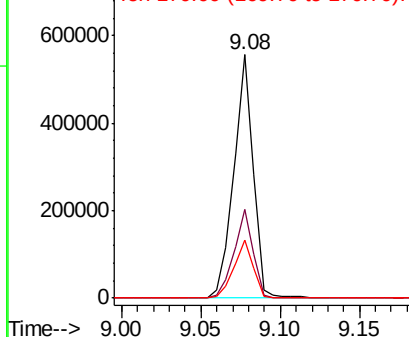


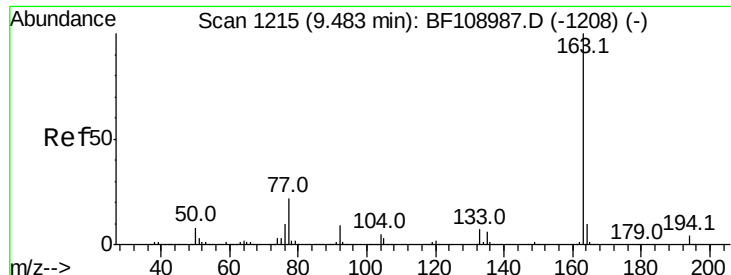
#44
 2-Fluorobiphenyl
 Concen: 70.397 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109203.D
 Acq: 21 Sep 2018 00:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	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

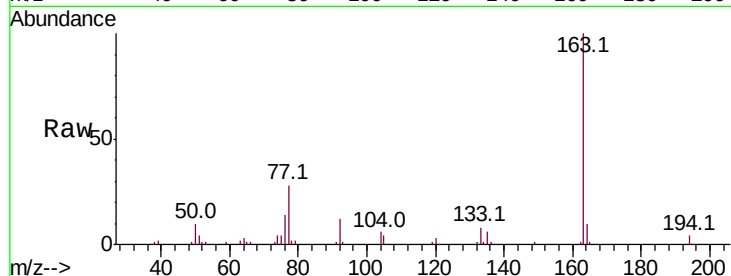




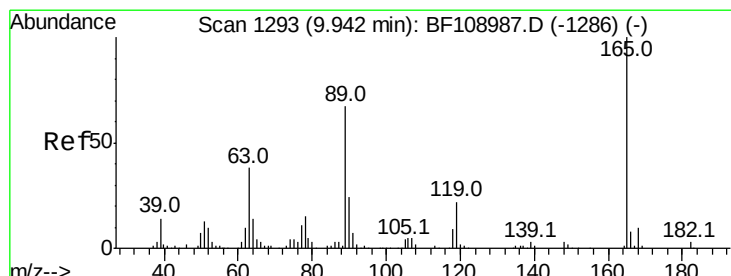
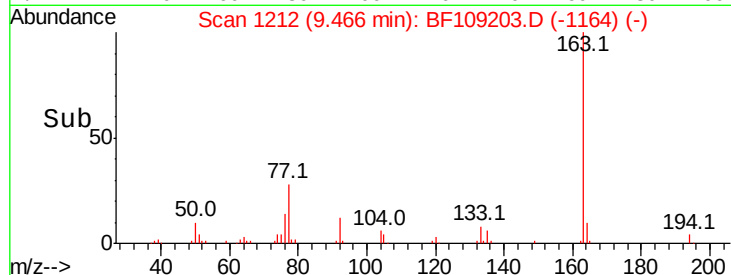
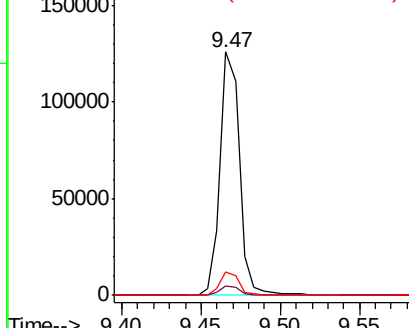
#49
Dimethylphthalate
Concen: 14.235 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 107266
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2

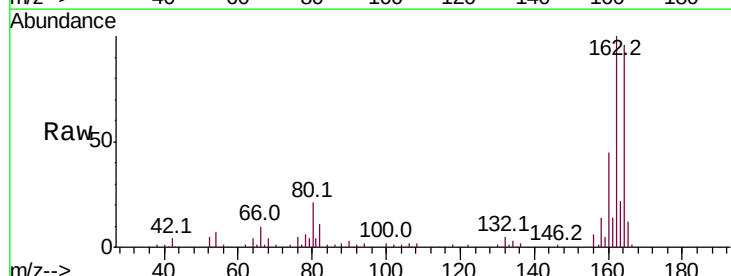


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

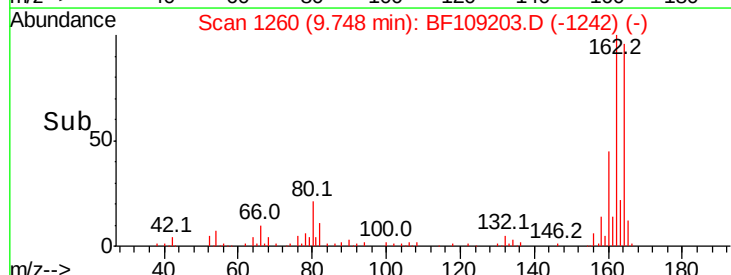
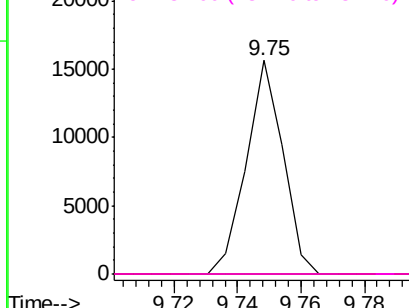


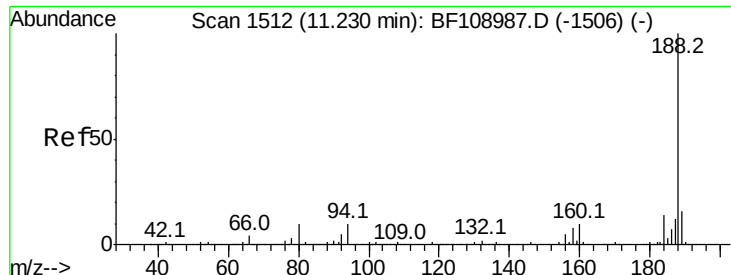
#56
2,4-Dinitrotoluene
Concen: 5.742 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Tgt Ion:165 Resp: 12549
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 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

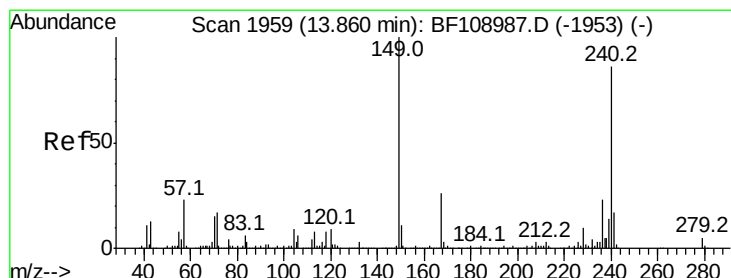
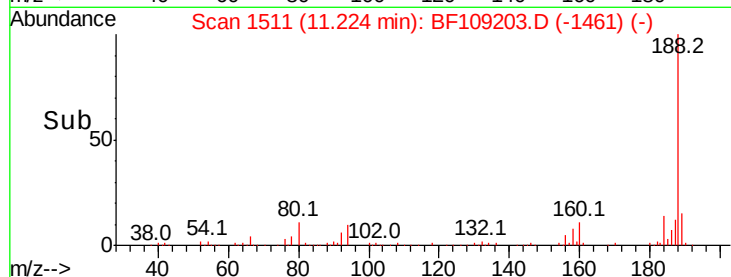
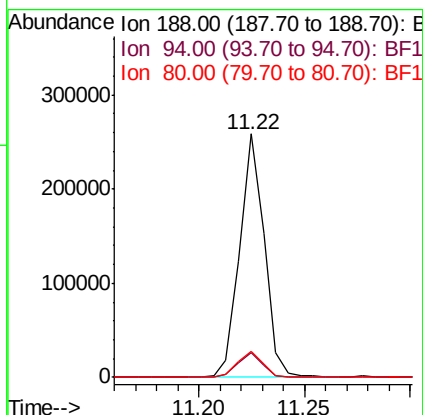
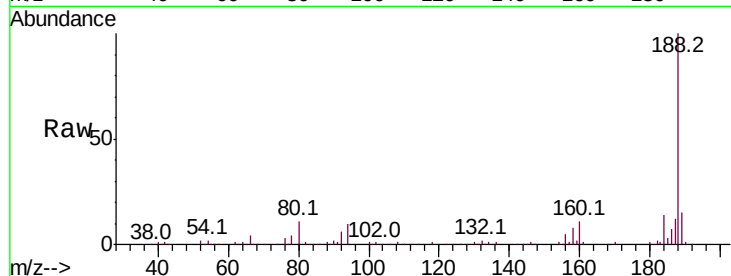




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109203.D
 Acq: 21 Sep 2018 00:53

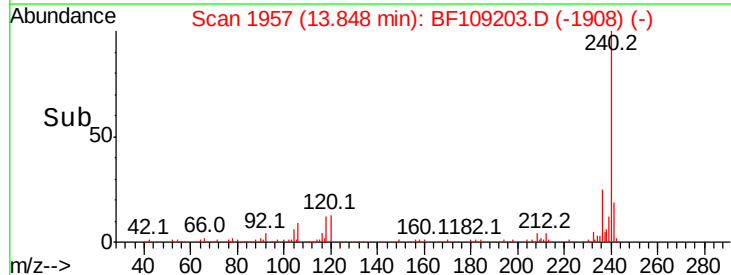
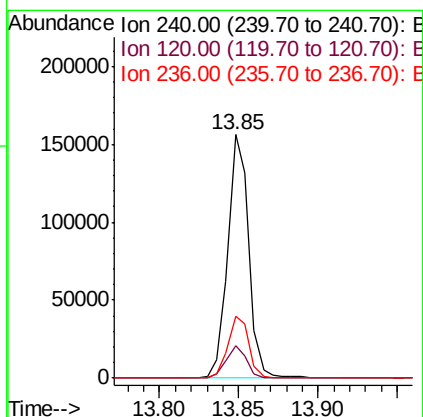
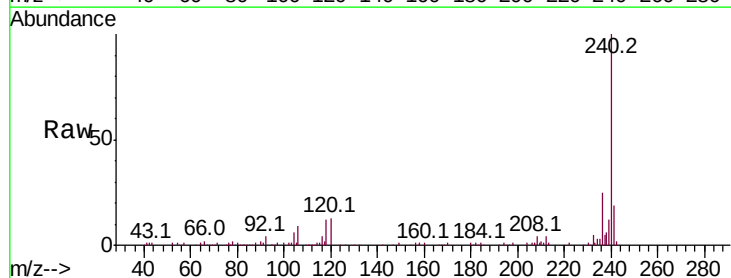
Instrument :
 BNA_F
 ClientSampleId :

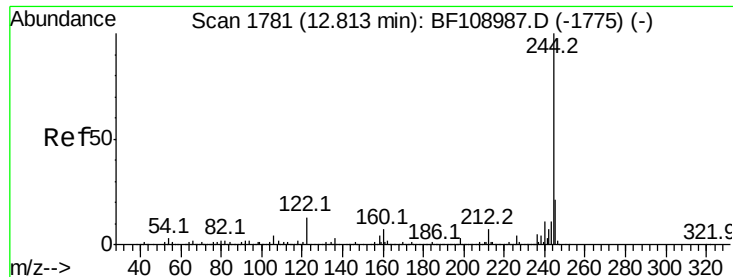
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.9	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109203.D
 Acq: 21 Sep 2018 00:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.4	20.7	31.1





#78

Terphenyl-d14

Concen: 54.724 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109203.D

Acq: 21 Sep 2018 00:53

Instrument :

BNA_F

ClientSampled :

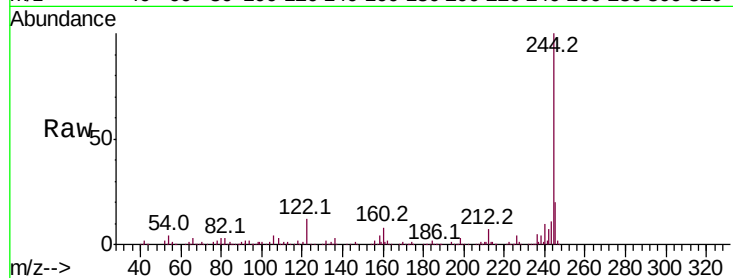
Tot Ion:244 Resp: 328810

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

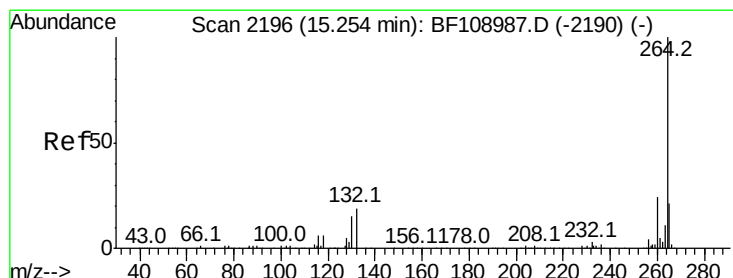
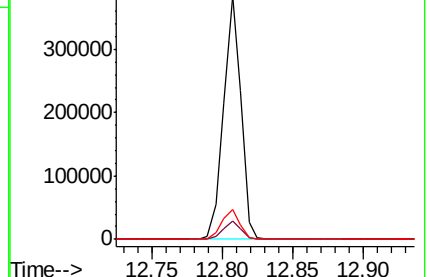
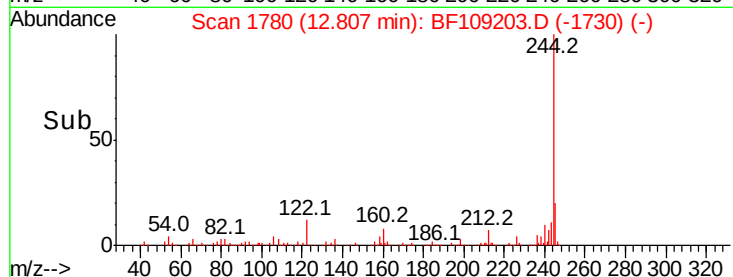
122 12.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109203.D

Acq: 21 Sep 2018 00:53

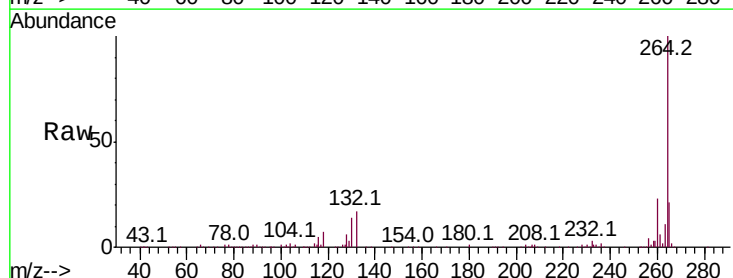
Tgt Ion:264 Resp: 217410

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.2 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

