

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109200.D
 Acq On : 20 Sep 2018 23:33
 Operator : JU/SJ
 Sample : J4988-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 07:13:14 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

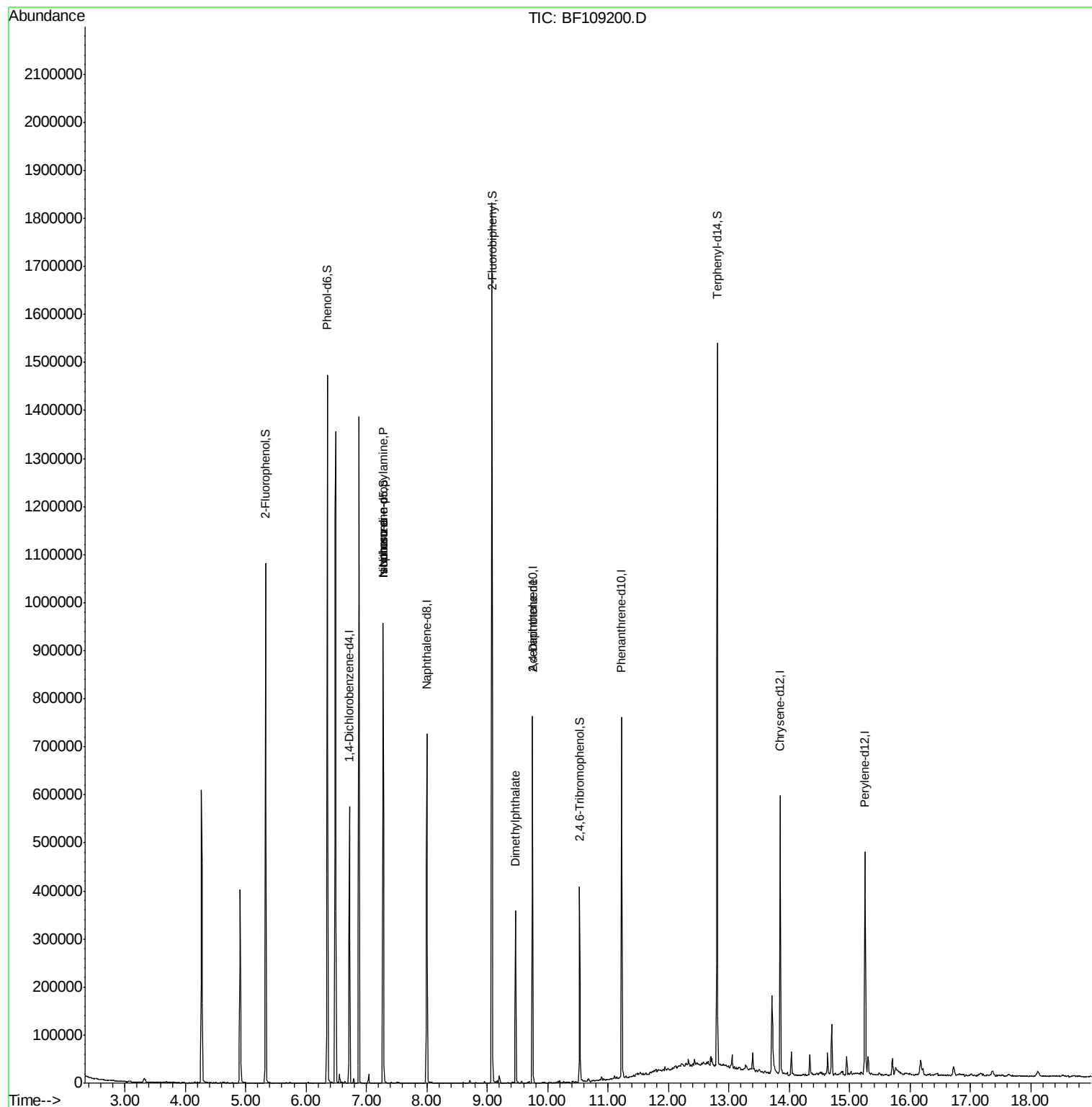
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	70265	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	287391	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	143015	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	259846	20.00	ng	0.00
75) Chrysene-d12	13.85	240	179042	20.00	ng	-0.01
86) Perylene-d12	15.25	264	202714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	269357	63.67	ng	0.00
7) Phenol-d6	6.35	99	462603	84.80	ng	0.00
23) Nitrobenzene-d5	7.28	82	308766	60.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	43000	27.70	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	526296	57.66	ng	0.00
78) Terphenyl-d14	12.81	244	458928	60.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	42268	11.722	ng	# 79
25) Isophorone	7.28	82	305321	34.665	ng	# 64
49) Dimethylphthalate	9.47	163	136740	13.377	ng	99
56) 2,4-Dinitrotoluene	9.75	165	18125	6.114	ng	# 23

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

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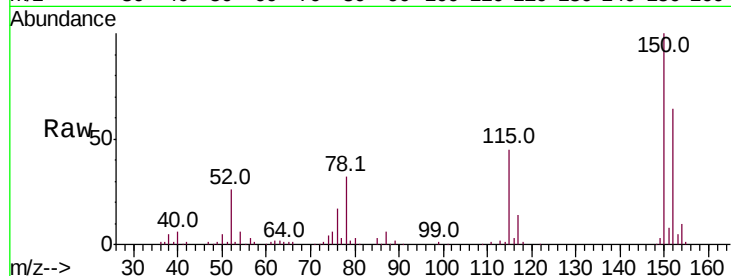


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109200.D
Acq: 20 Sep 2018 23:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	70.3	50.1	75.1

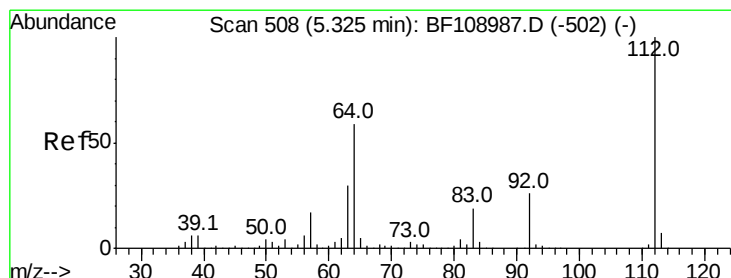
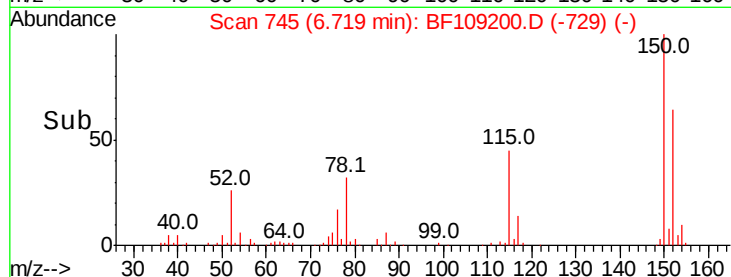
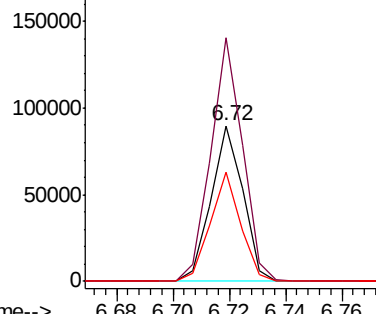


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

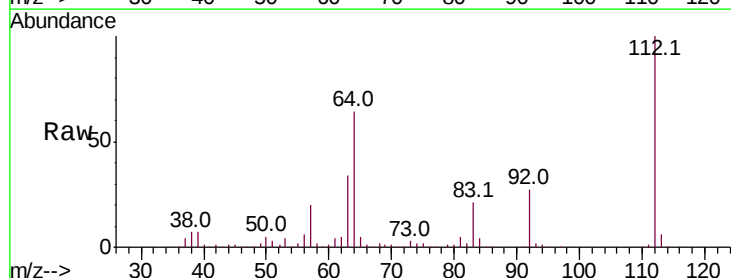
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 63.669 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109200.D
Acq: 20 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	33.6	23.7	35.5

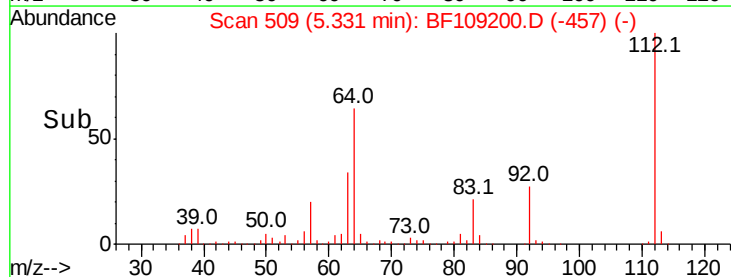
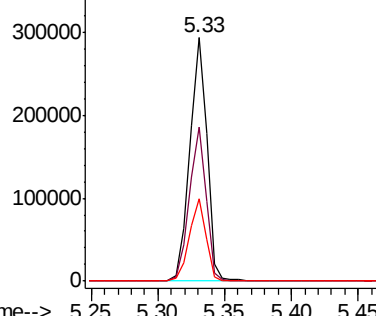


Abundance

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: 84.801 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109200.D

Acq: 20 Sep 2018 23:33

Instrument :

BNA_F

ClientSampleId :

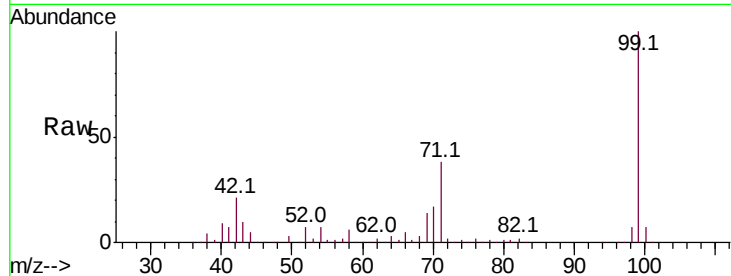
Tot Ion: 99 Resp: 462603

Ion Ratio Lower Upper

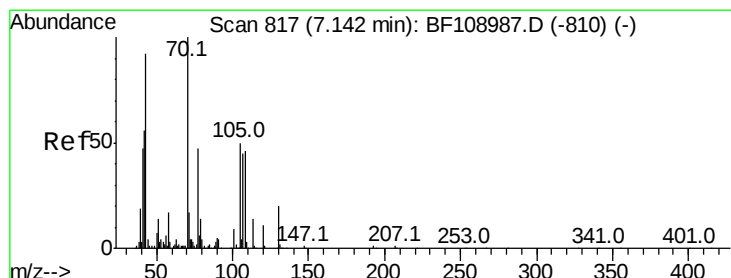
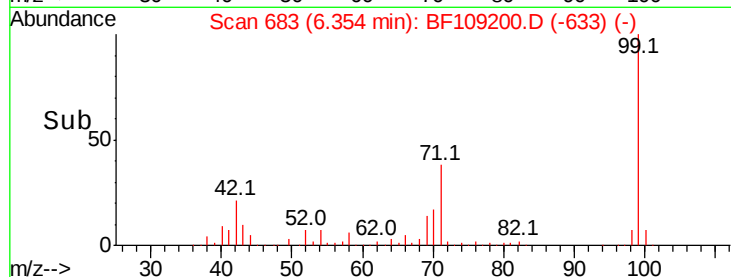
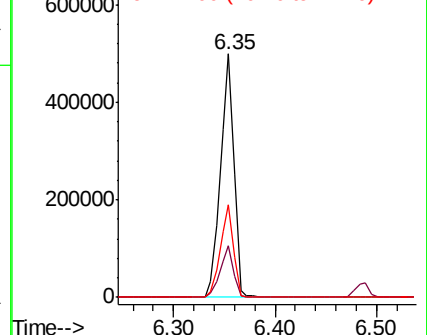
99 100

42 21.4 14.5 21.7

71 38.2 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: 11.722 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109200.D

Acq: 20 Sep 2018 23:33

Tgt Ion: 70 Resp: 42268

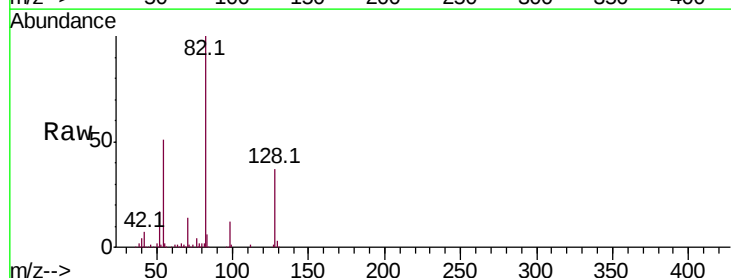
Ion Ratio Lower Upper

70 100

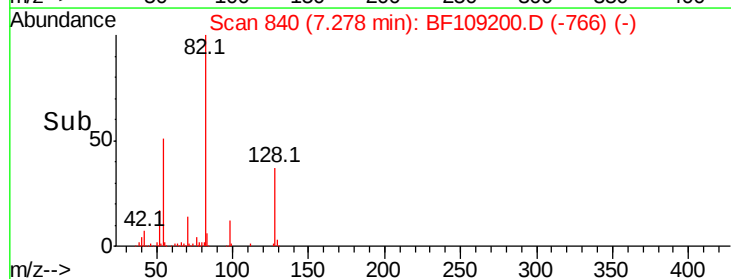
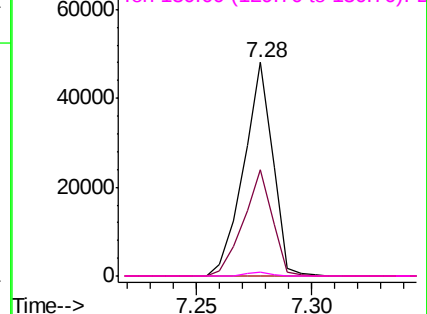
42 49.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.5 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: BF109200.D

Acq: 20 Sep 2018 23:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 287391

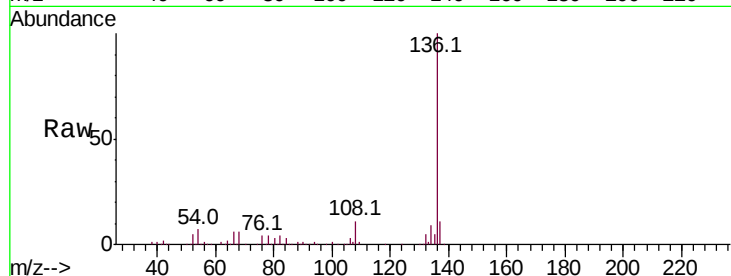
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.3 6.6 9.8

68 5.6 5.0 7.4

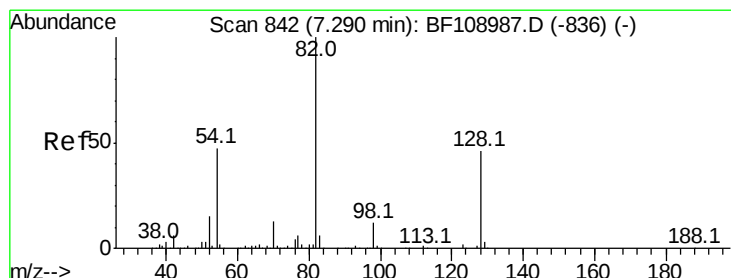
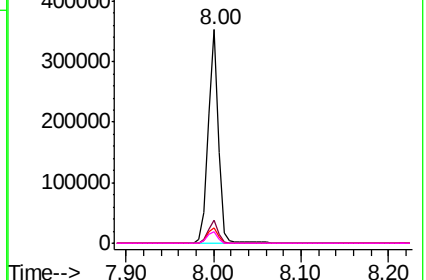
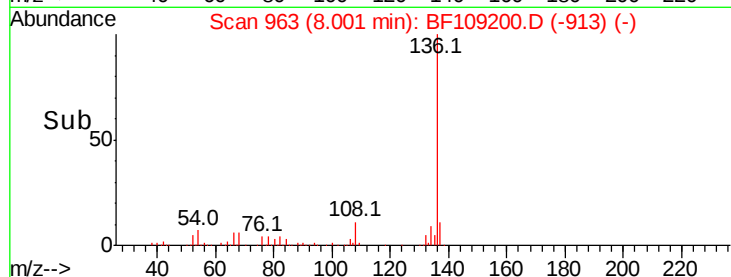


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.260 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109200.D

Acq: 20 Sep 2018 23:33

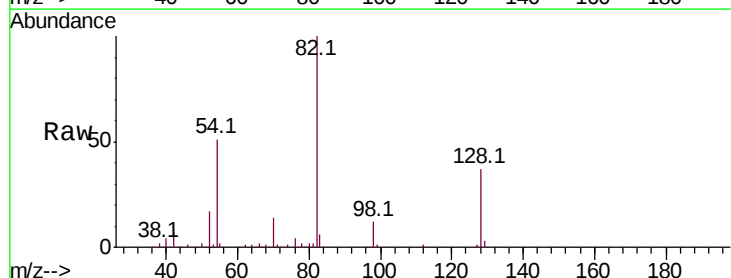
Tgt Ion: 82 Resp: 308766

Ion Ratio Lower Upper

82 100

128 36.8 36.1 54.1

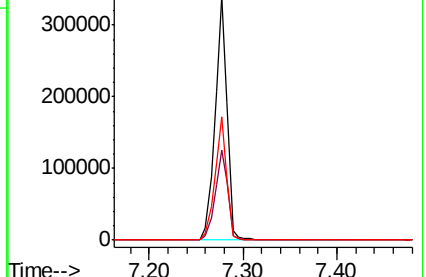
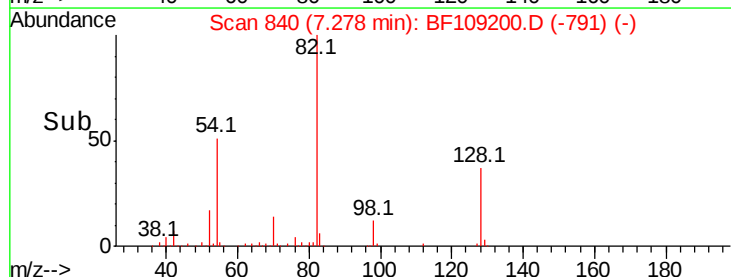
54 50.7 41.4 62.2

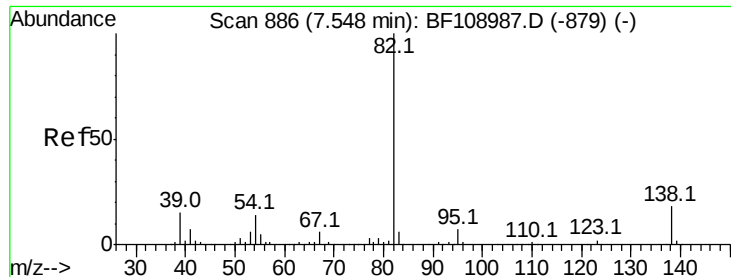


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.665 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109200.D

Acq: 20 Sep 2018 23:33

Instrument :

BNA_F

ClientSampled :

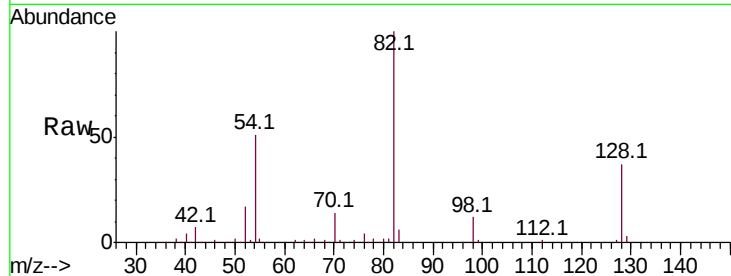
Tot Ion: 82 Resp: 305321

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

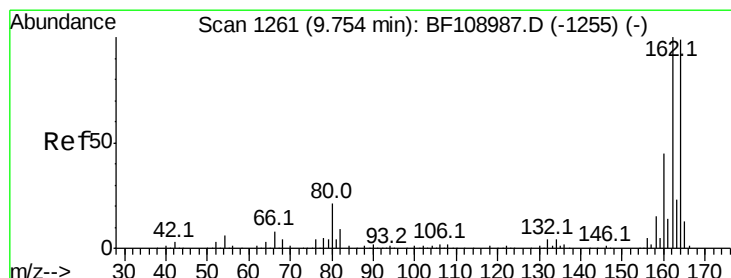
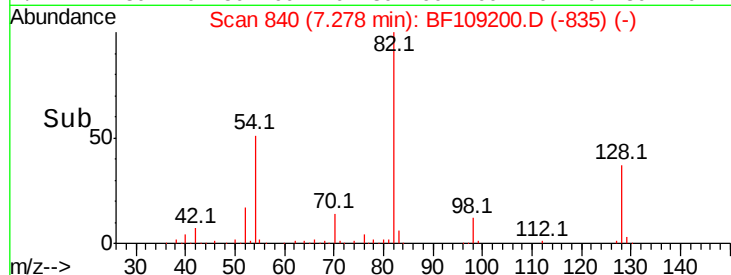
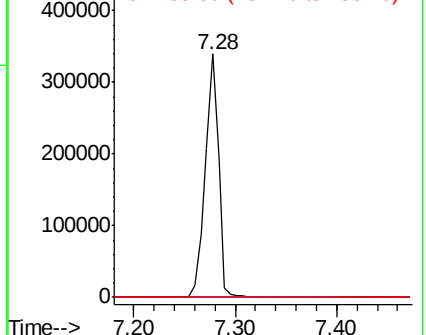
138 0.0 14.9 22.3#



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: BF109200.D

Acq: 20 Sep 2018 23:33

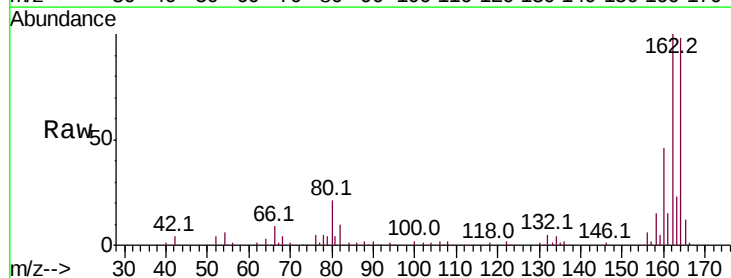
Tgt Ion:164 Resp: 143015

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

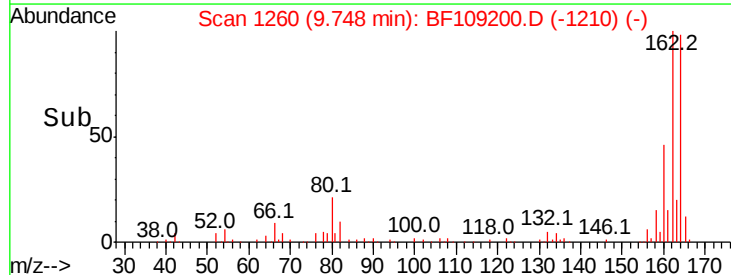
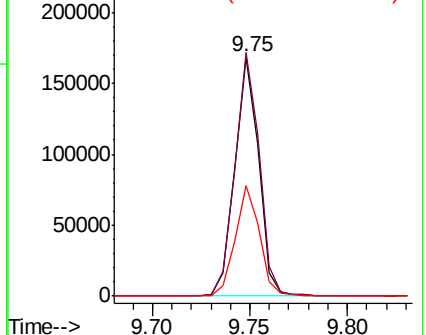
160 46.6 38.3 57.5

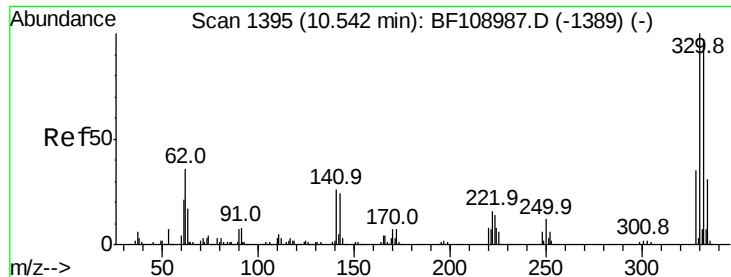


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

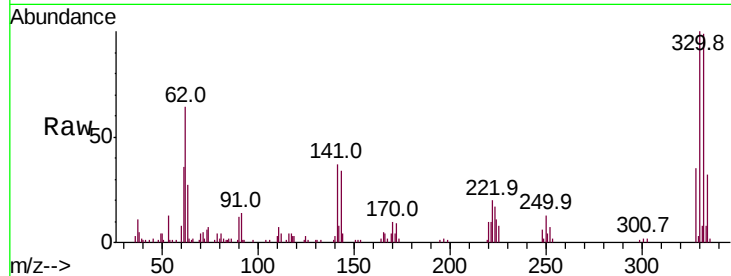




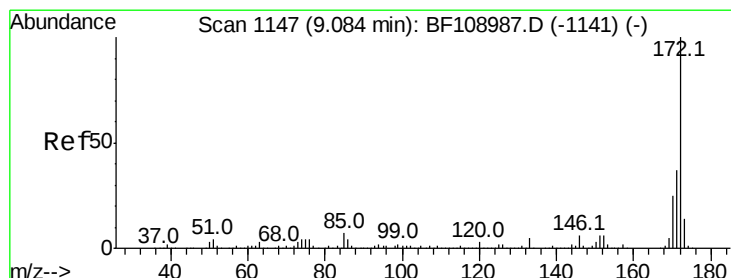
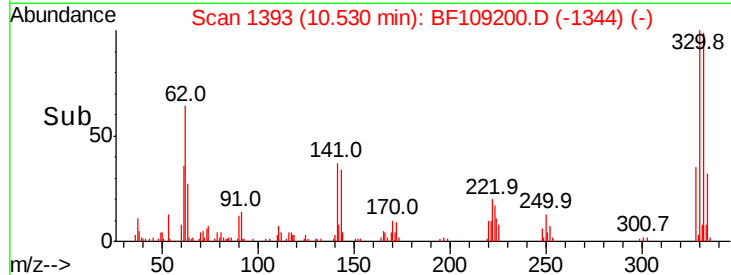
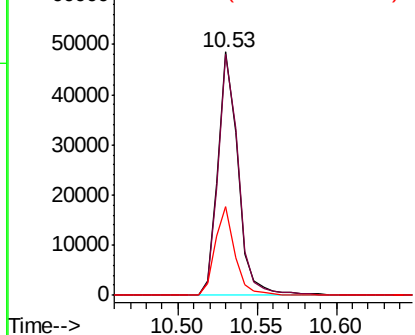
#41
 2,4,6-Tribromophenol
 Concen: 27.705 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109200.D
 Acq: 20 Sep 2018 23:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 43000
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.0 115.6
 141 35.7 29.9 44.9

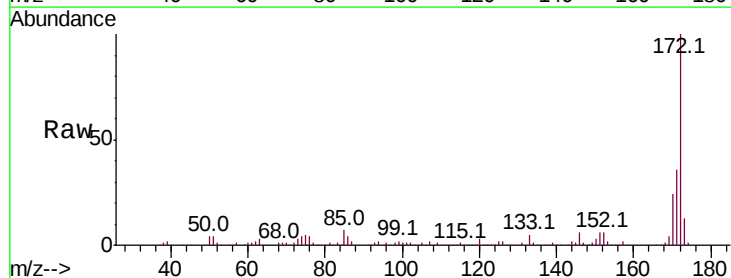


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

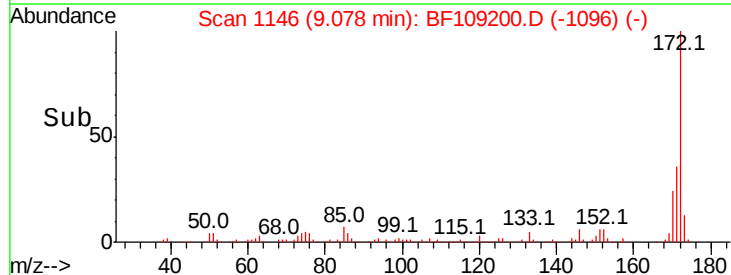
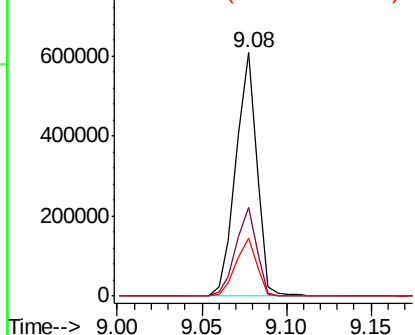


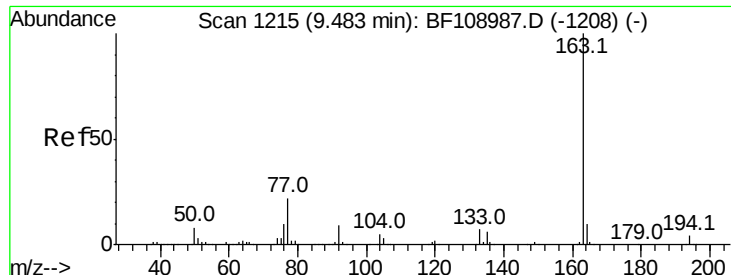
#44
 2-Fluorobiphenyl
 Concen: 57.656 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109200.D
 Acq: 20 Sep 2018 23:33

Tgt Ion:172 Resp: 526296
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

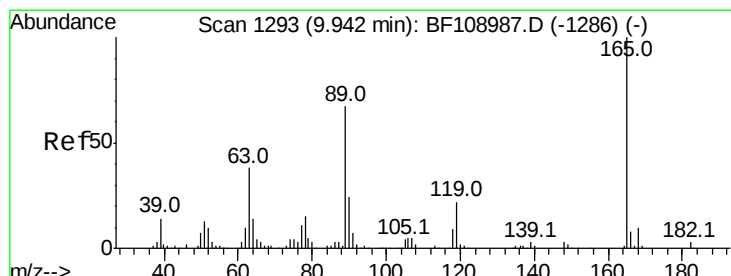
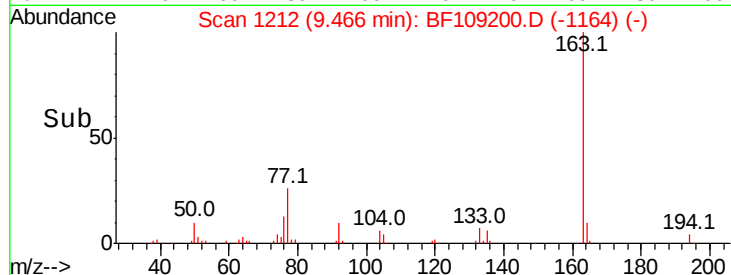
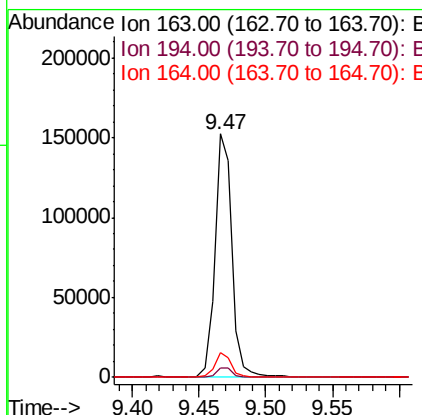
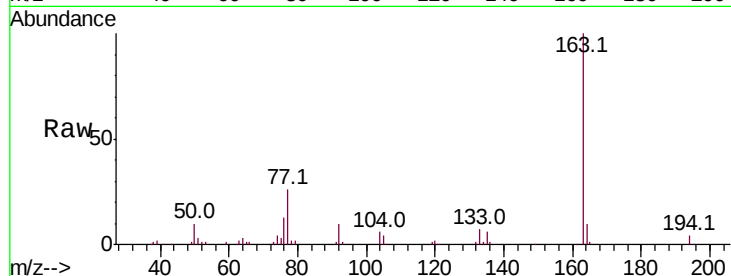




#49
Dimethylphthalate
Concen: 13.377 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109200.D
Acq: 20 Sep 2018 23:33

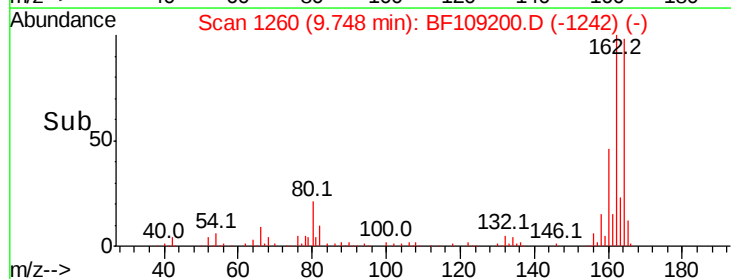
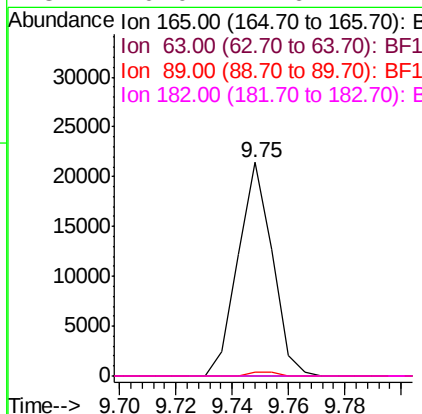
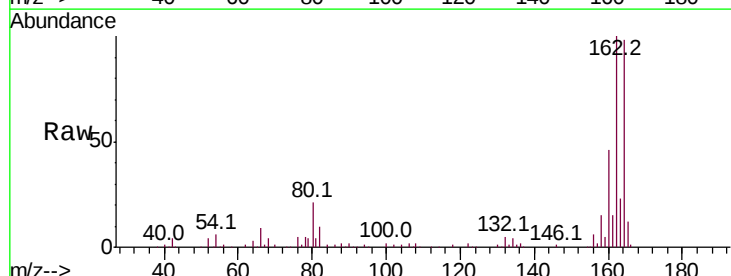
Instrument :
BNA_F
ClientSampleId :

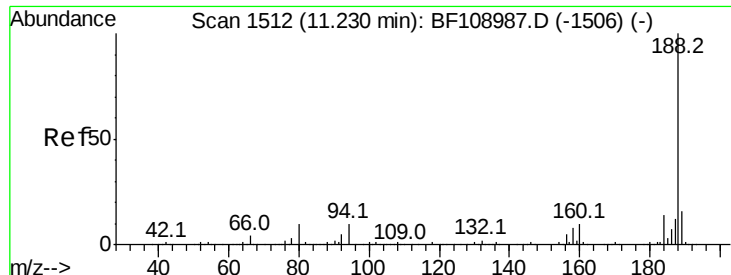
Tot Ion:163 Resp: 136740
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.1 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.114 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109200.D
Acq: 20 Sep 2018 23:33

Tgt Ion:165 Resp: 18125
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 2.0 57.8 86.6#
182 0.0 1.6 2.4#

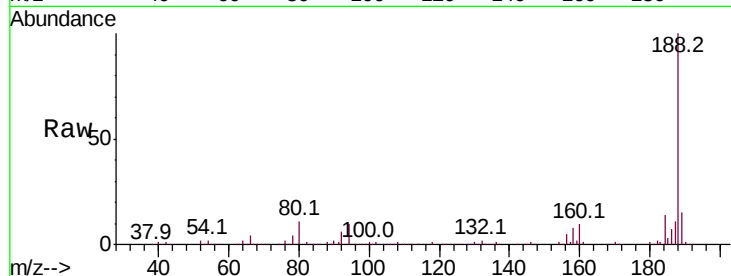




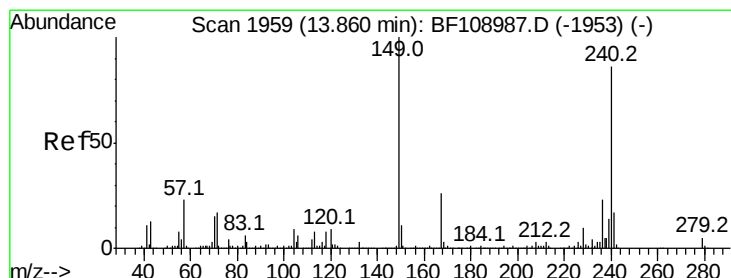
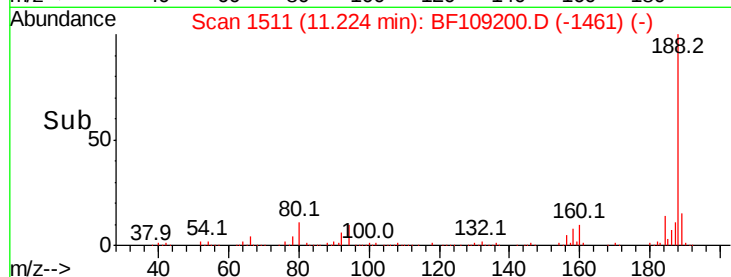
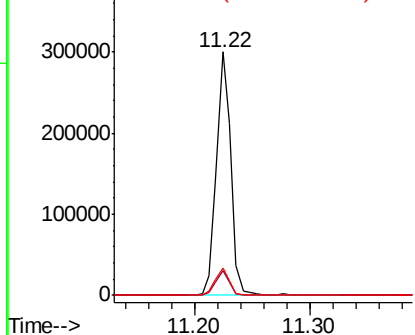
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109200.D
Acq: 20 Sep 2018 23:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.0	9.2	13.8

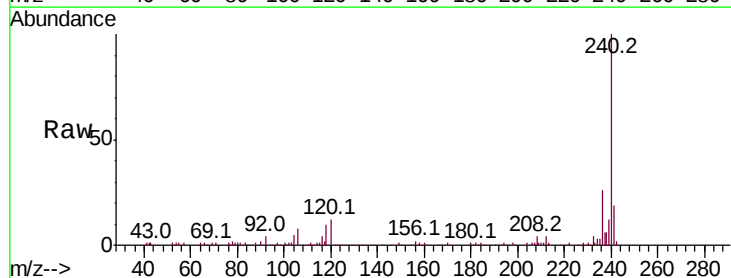


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

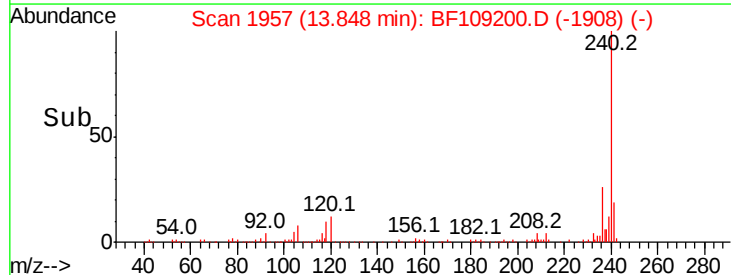
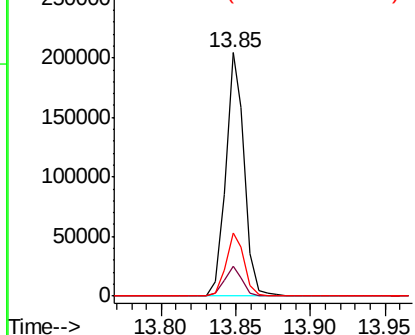


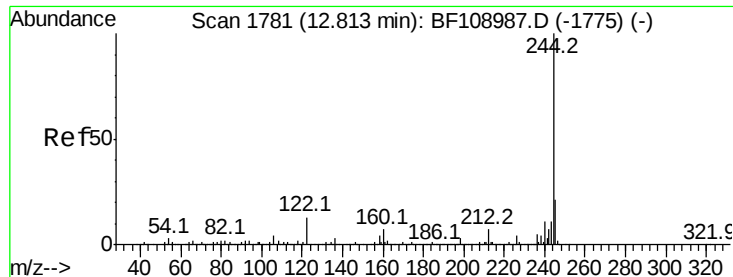
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109200.D
Acq: 20 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.8	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

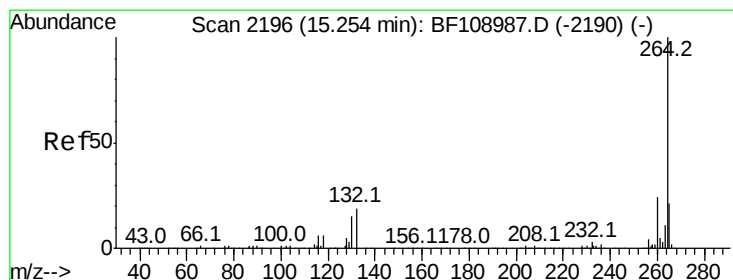
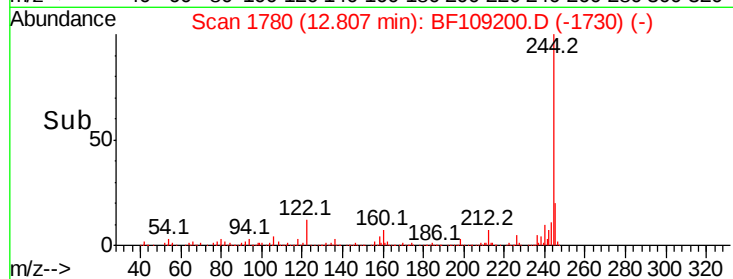
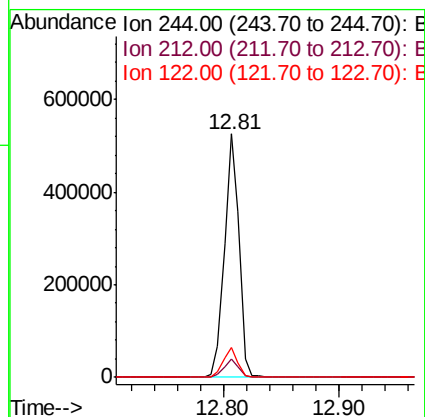
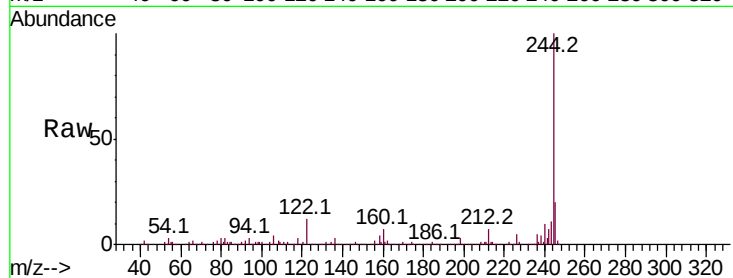




#78
 Terphenyl-d14
 Concen: 60.756 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF109200.D
 Acq: 20 Sep 2018 23:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 458928
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 12.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109200.D
 Acq: 20 Sep 2018 23:33

Tgt Ion:264 Resp: 202714
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.0 17.5 26.3

