

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109109.D
 Acq On : 18 Sep 2018 21:23
 Operator : JU/SJ
 Sample : J4960-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 04:03:56 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

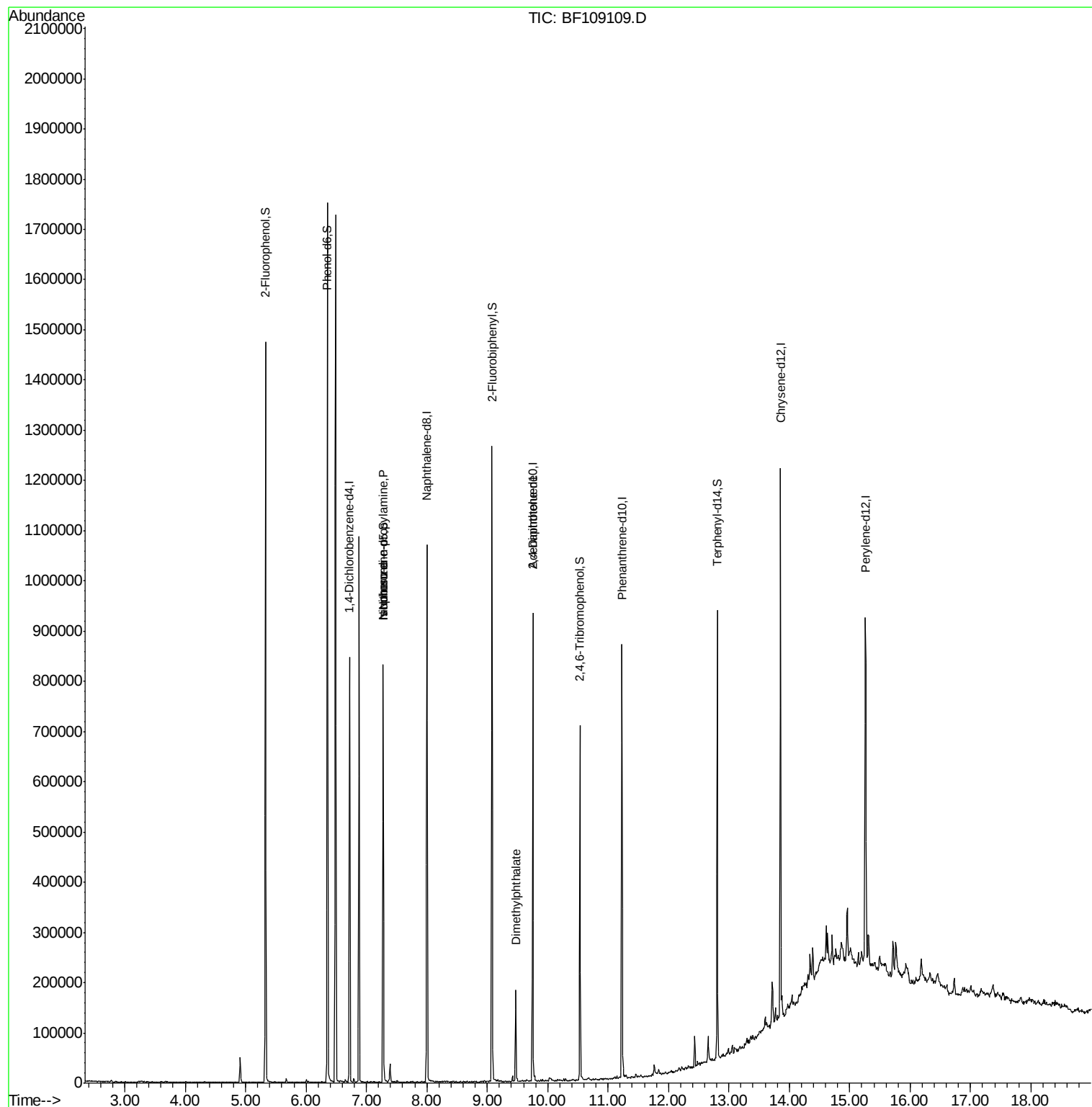
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124474	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	438400	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	174963	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	303484	20.00	ng	0.00
75) Chrysene-d12	13.85	240	351987	20.00	ng	0.00
86) Perylene-d12	15.26	264	312572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	409376	54.62	ng	0.00
7) Phenol-d6	6.35	99	513284	53.11	ng	0.00
23) Nitrobenzene-d5	7.28	82	233490	29.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	90322	47.57	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	346784	31.05	ng	0.00
78) Terphenyl-d14	12.81	244	283208	19.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	30861	4.831	ng	# 73
25) Isophorone	7.28	82	233486	17.378	ng	# 64
49) Dimethylphthalate	9.47	163	68700	5.494	ng	99
56) 2,4-Dinitrotoluene	9.75	165	22016	6.070	ng	# 23

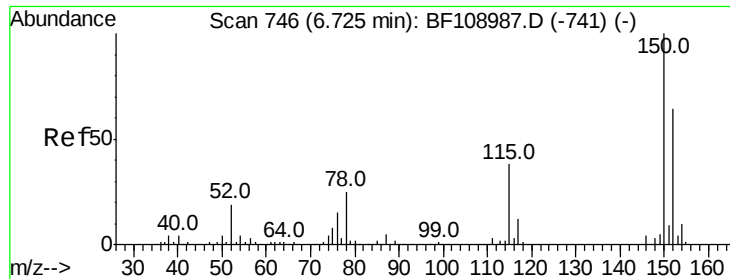
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109109.D
Acq On : 18 Sep 2018 21:23
Operator : JU/SJ
Sample : J4960-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 19 04:03:56 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

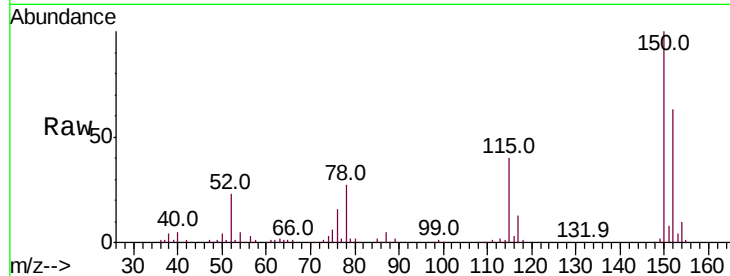




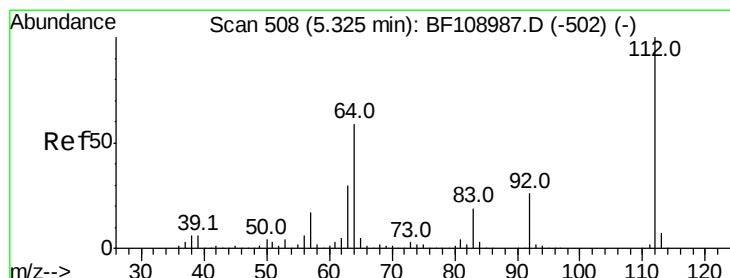
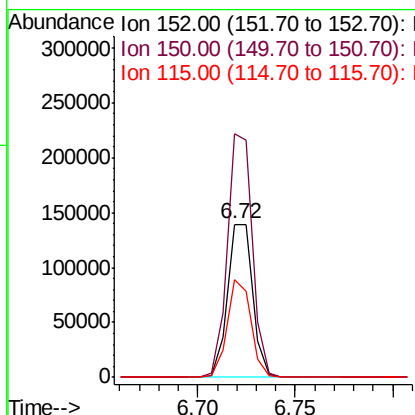
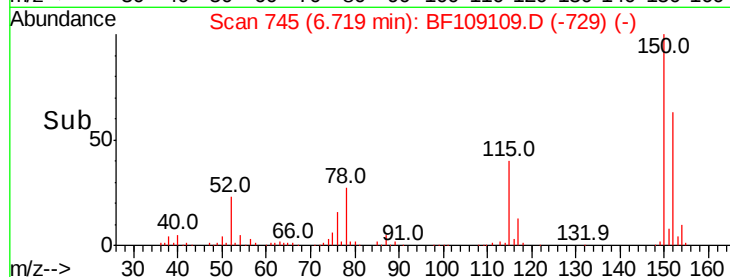
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109109.D
 Acq: 18 Sep 2018 21:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 124474
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.6 186.8
 115 63.4 50.1 75.1

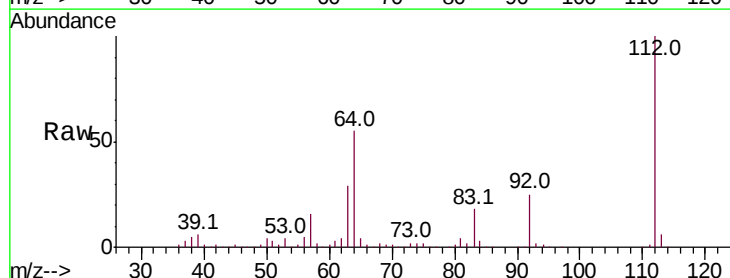


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

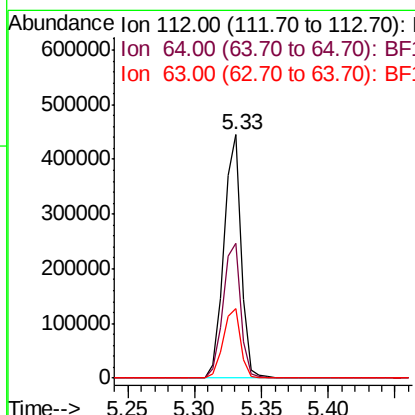
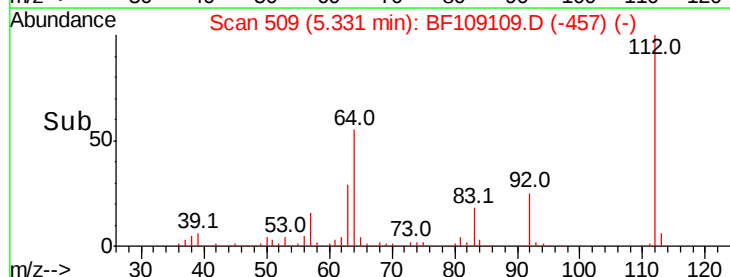


#5
 2-Fluorophenol
 Concen: 54.624 ng
 RT: 5.33 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF109109.D
 Acq: 18 Sep 2018 21:23

Tgt Ion:112 Resp: 409376
 Ion Ratio Lower Upper
 112 100
 64 55.4 47.9 71.9
 63 28.7 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: 53.115 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109109.D

Acq: 18 Sep 2018 21:23

Instrument :

BNA_F

ClientSampled :

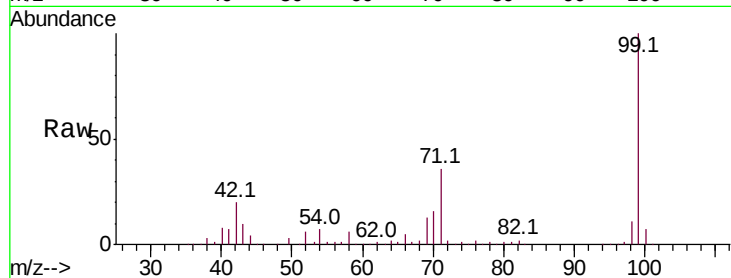
Tot Ion: 99 Resp: 513284

Ion Ratio Lower Upper

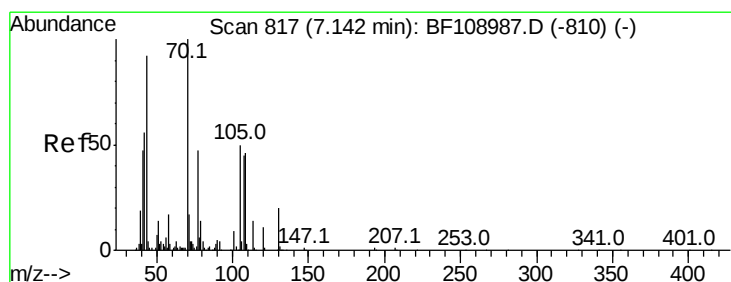
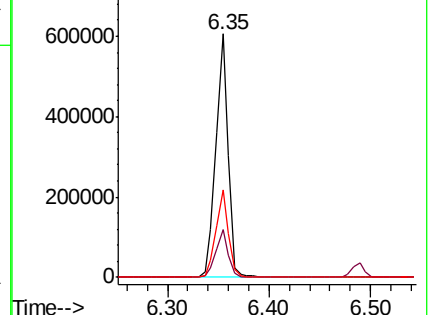
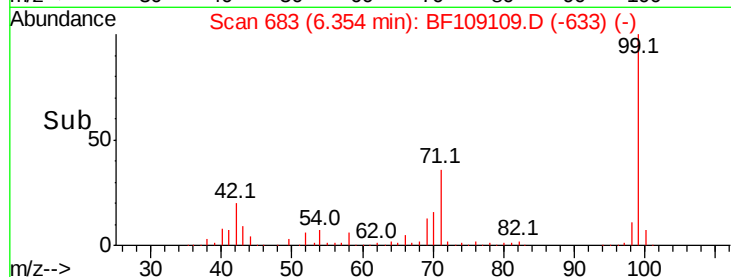
99 100

42 19.5 14.5 21.7

71 35.9 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: 4.831 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109109.D

Acq: 18 Sep 2018 21:23

Tgt Ion: 70 Resp: 30861

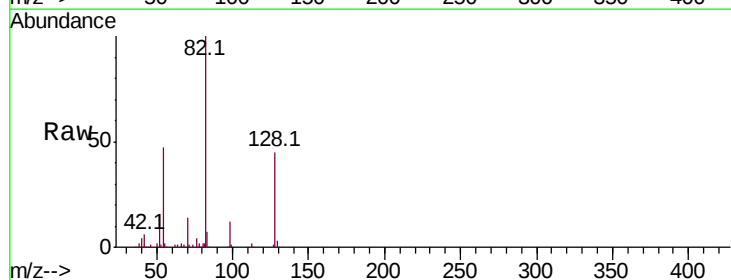
Ion Ratio Lower Upper

70 100

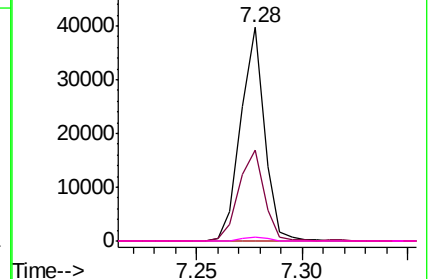
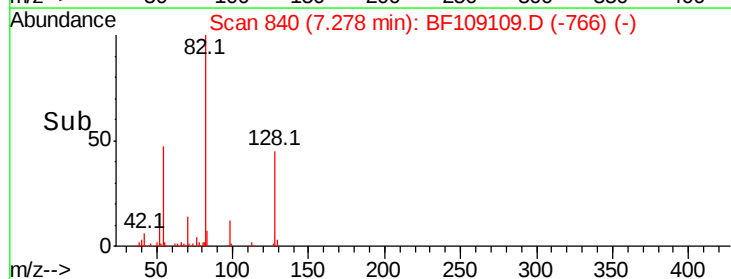
42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 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: BF109109.D

Acq: 18 Sep 2018 21:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 438400

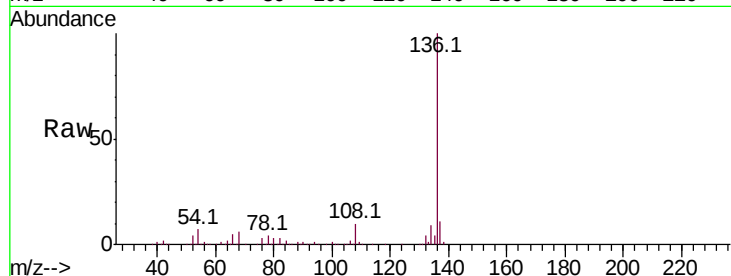
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 6.0 5.0 7.4

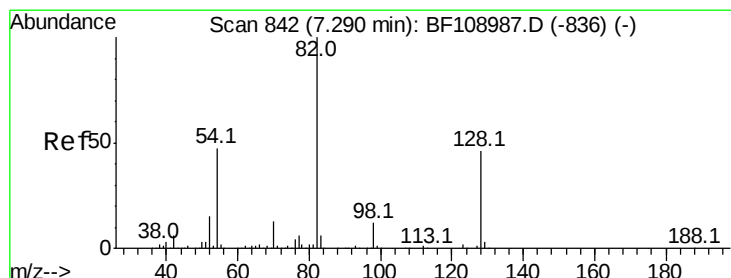
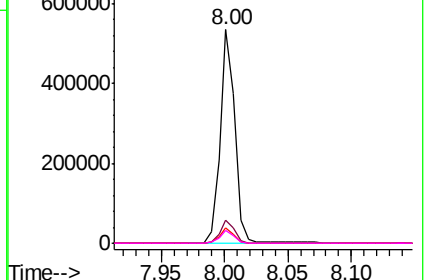
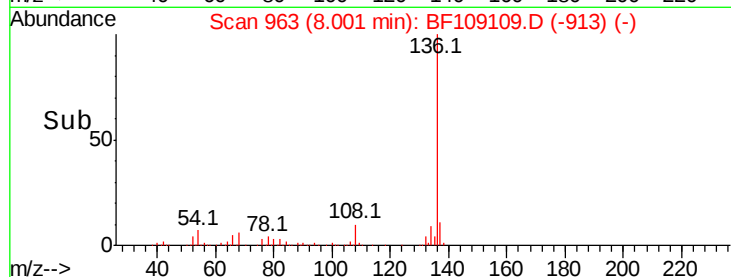


Abundance Ion 136.00 (135.70 to 136.70): E

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: 29.872 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109109.D

Acq: 18 Sep 2018 21:23

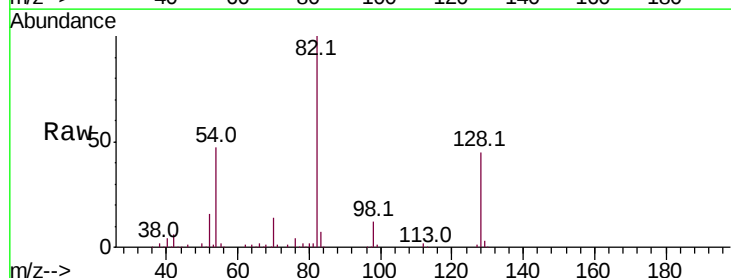
Tgt Ion: 82 Resp: 233490

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

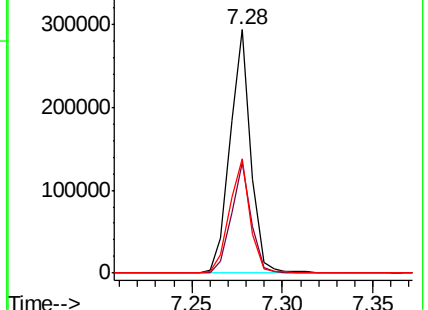
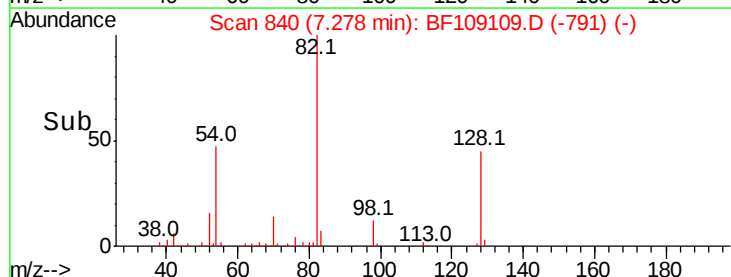
54 46.9 41.4 62.2

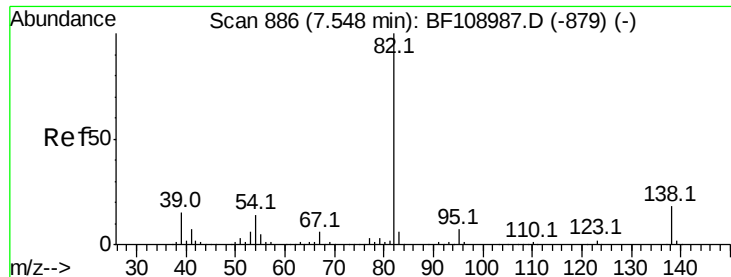


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 17.378 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109109.D

Acq: 18 Sep 2018 21:23

Instrument :

BNA_F

ClientSampleId :

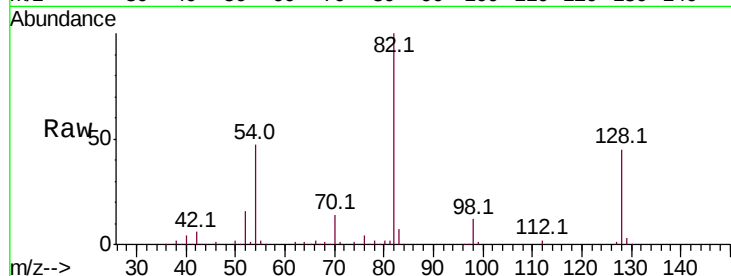
Tot Ion: 82 Resp: 233486

Ion Ratio Lower Upper

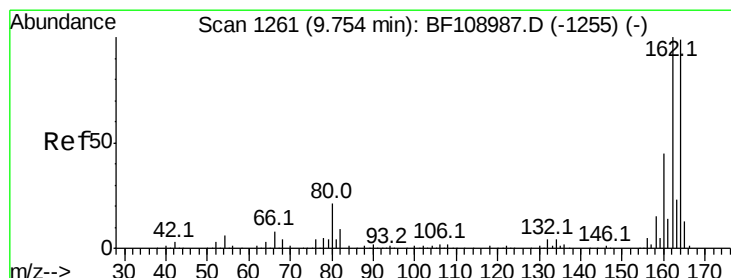
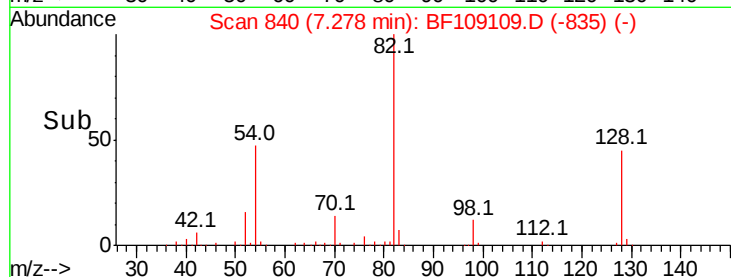
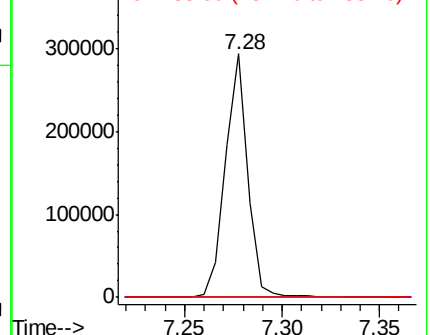
82 100

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# 1261

Delta R.T. -0.00 min

Lab File: BF109109.D

Acq: 18 Sep 2018 21:23

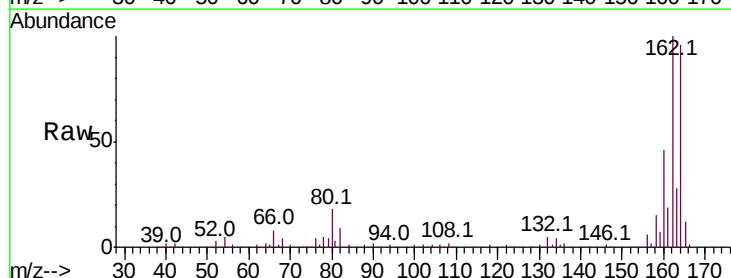
Tgt Ion:164 Resp: 174963

Ion Ratio Lower Upper

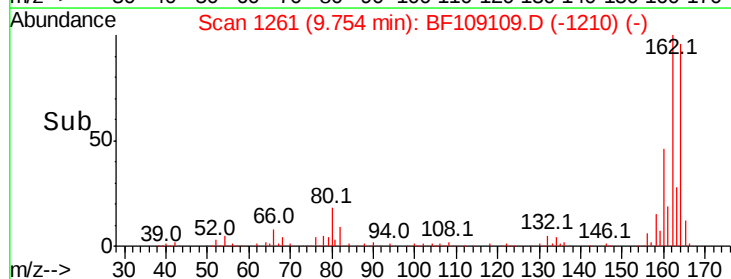
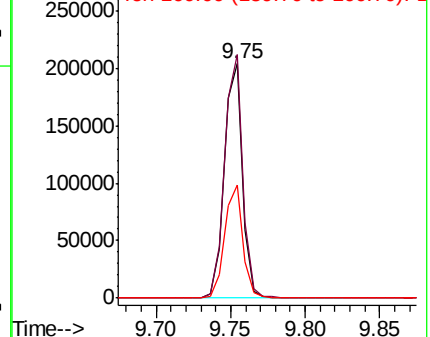
164 100

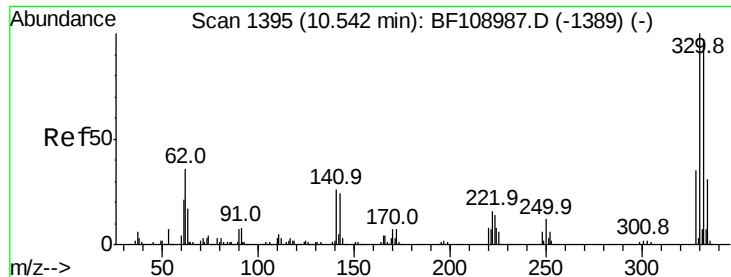
162 103.9 86.1 129.1

160 48.0 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

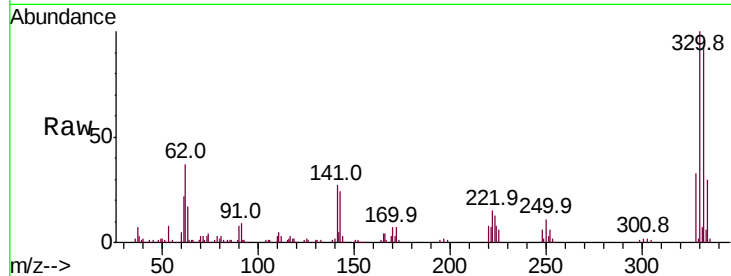




#41
 2,4,6-Tribromophenol
 Concen: 47.568 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109109.D
 Acq: 18 Sep 2018 21:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	31.8	29.9	44.9

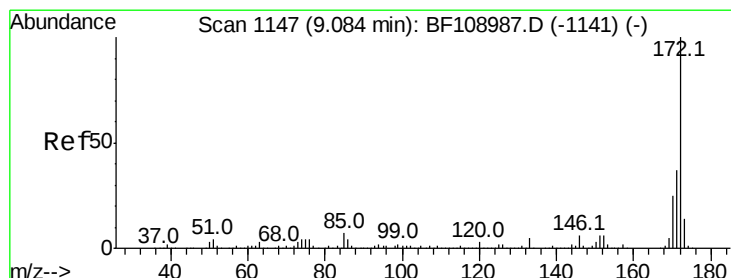
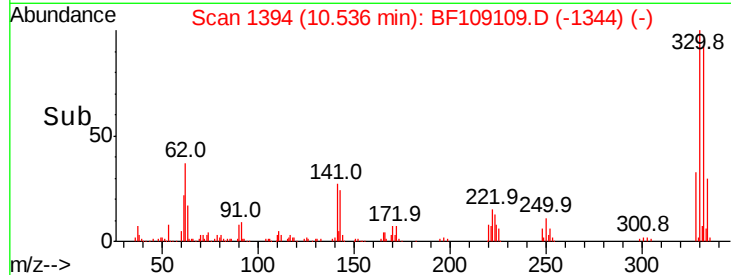
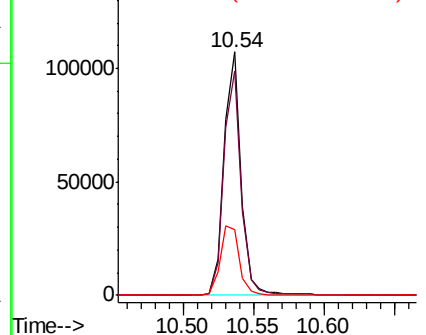


Abundance

Ion 329.80 (329.50 to 330.50): E

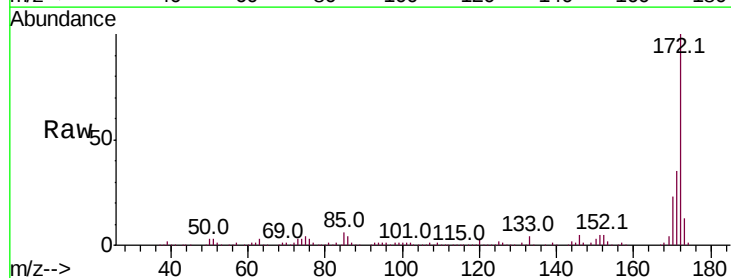
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 31.053 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109109.D
 Acq: 18 Sep 2018 21:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.1	19.6	29.4

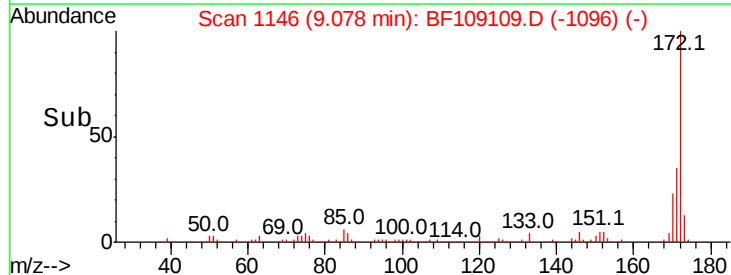
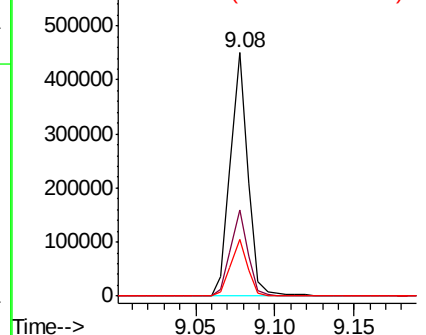


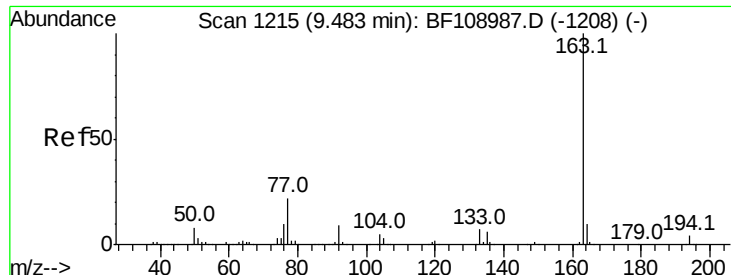
Abundance

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

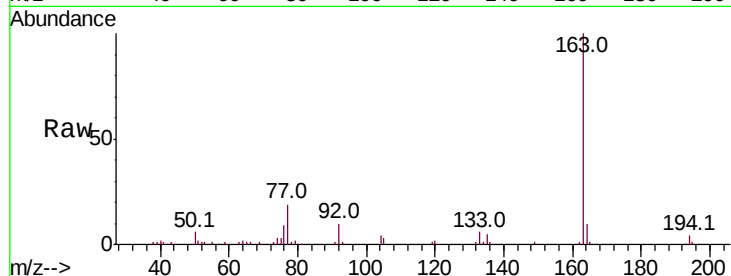




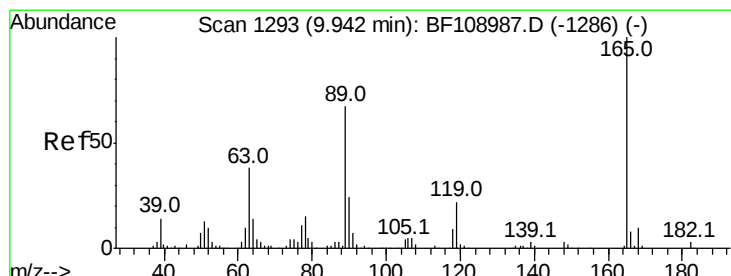
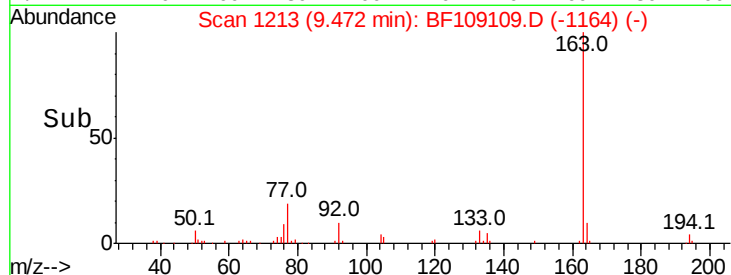
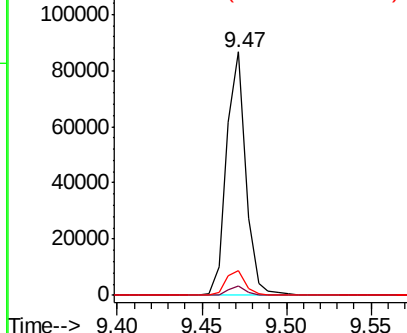
#49
Dimethylphthalate
Concen: 5.494 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109109.D
Acq: 18 Sep 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 68700
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.0 8.2 12.2

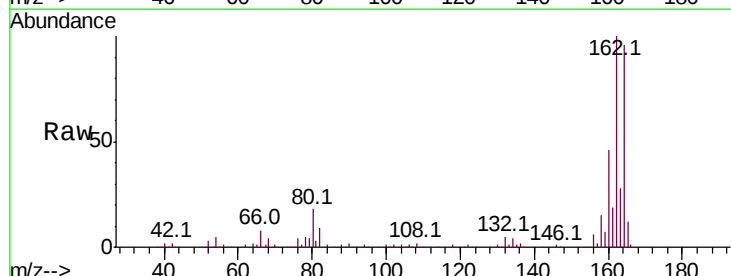


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

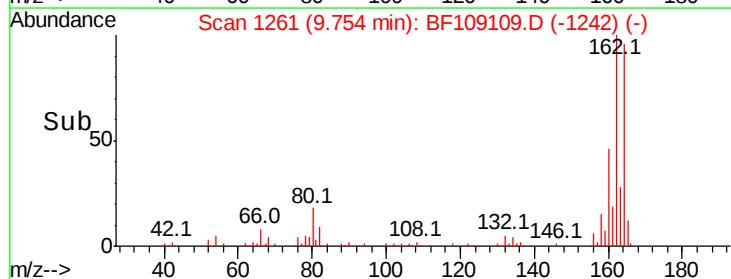
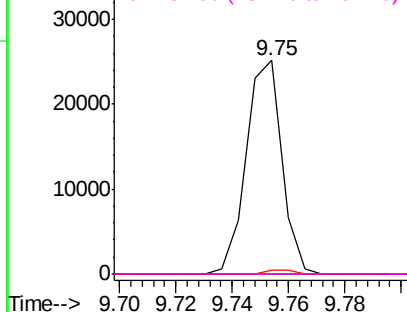


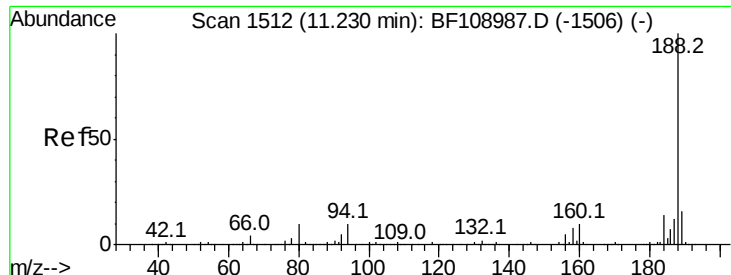
#56
2,4-Dinitrotoluene
Concen: 6.070 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.19 min
Lab File: BF109109.D
Acq: 18 Sep 2018 21:23

Tgt Ion:165 Resp: 22016
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#



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

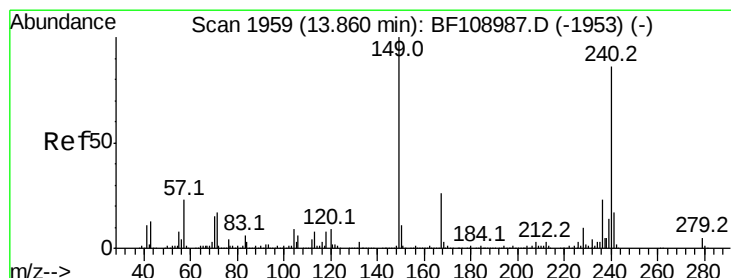
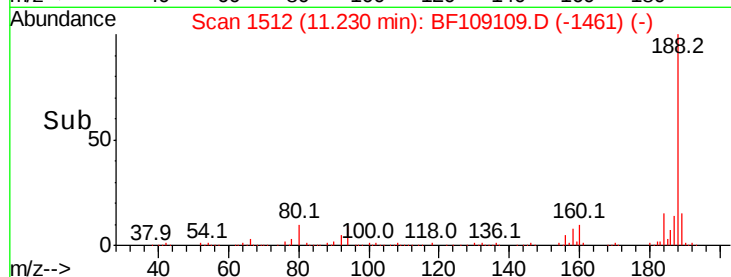
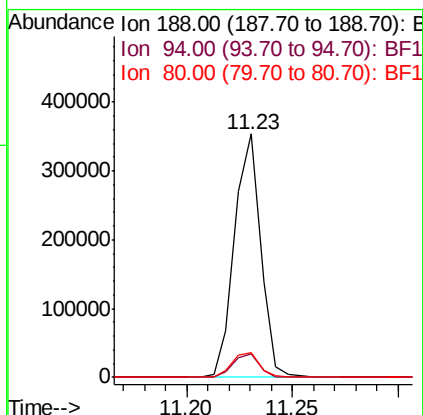
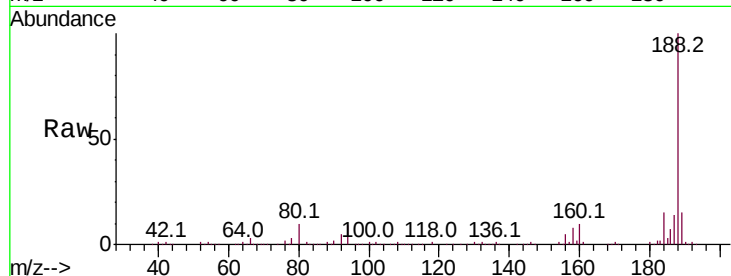




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109109.D
Acq: 18 Sep 2018 21:23

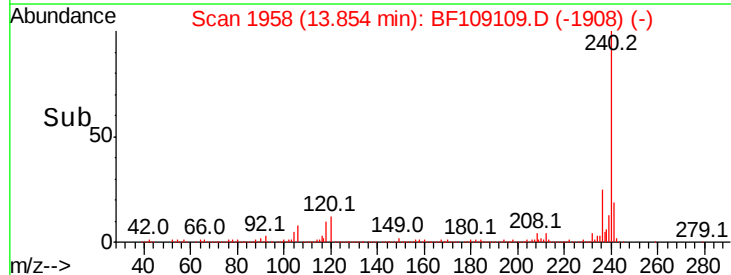
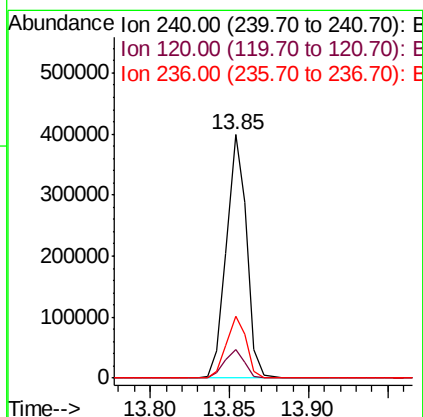
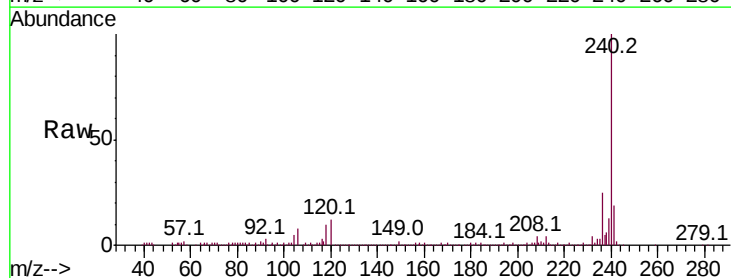
Instrument :
BNA_F
ClientSampleId :

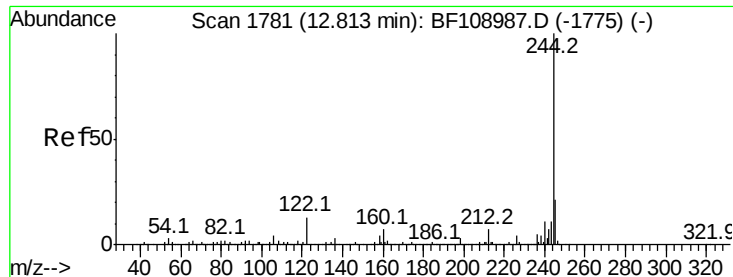
Tot Ion:188 Resp: 303484
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109109.D
Acq: 18 Sep 2018 21:23

Tgt Ion:240 Resp: 351987
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 19.071 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109109.D

Acq: 18 Sep 2018 21:23

Instrument :

BNA_F

ClientSampleId :

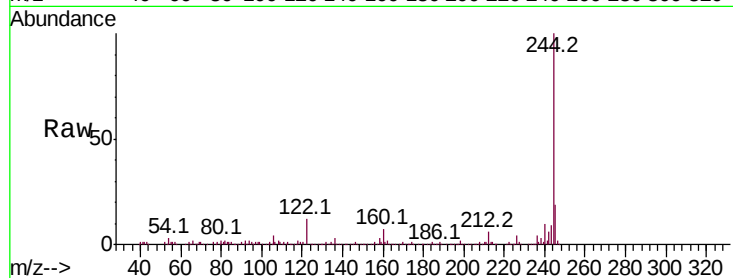
Tot Ion:244 Resp: 283208

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

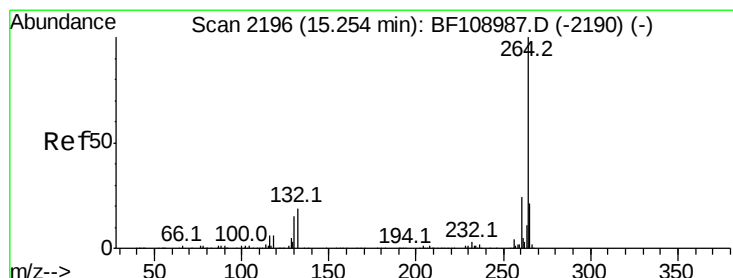
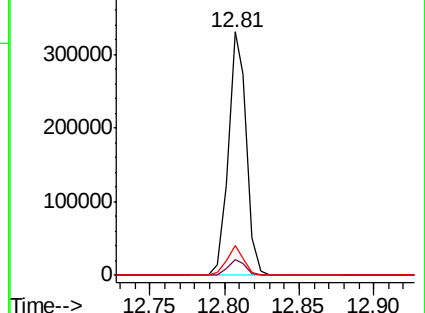
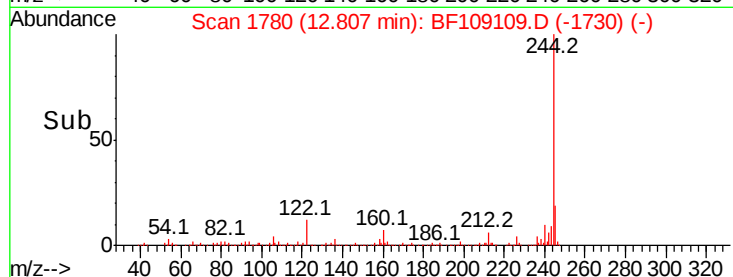
122 12.2 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF109109.D

Acq: 18 Sep 2018 21:23

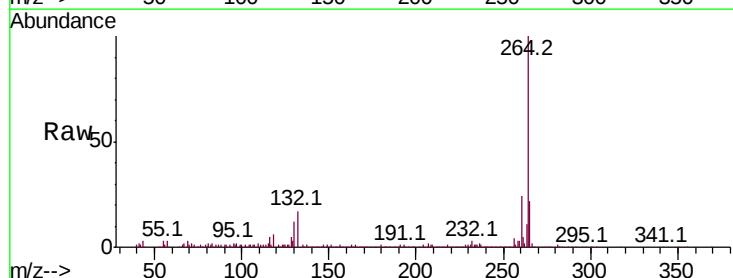
Tgt Ion:264 Resp: 312572

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.6 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

