

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109000.D
 Acq On : 14 Sep 2018 17:42
 Operator : JU/SJ
 Sample : J4882-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 18:08:53 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

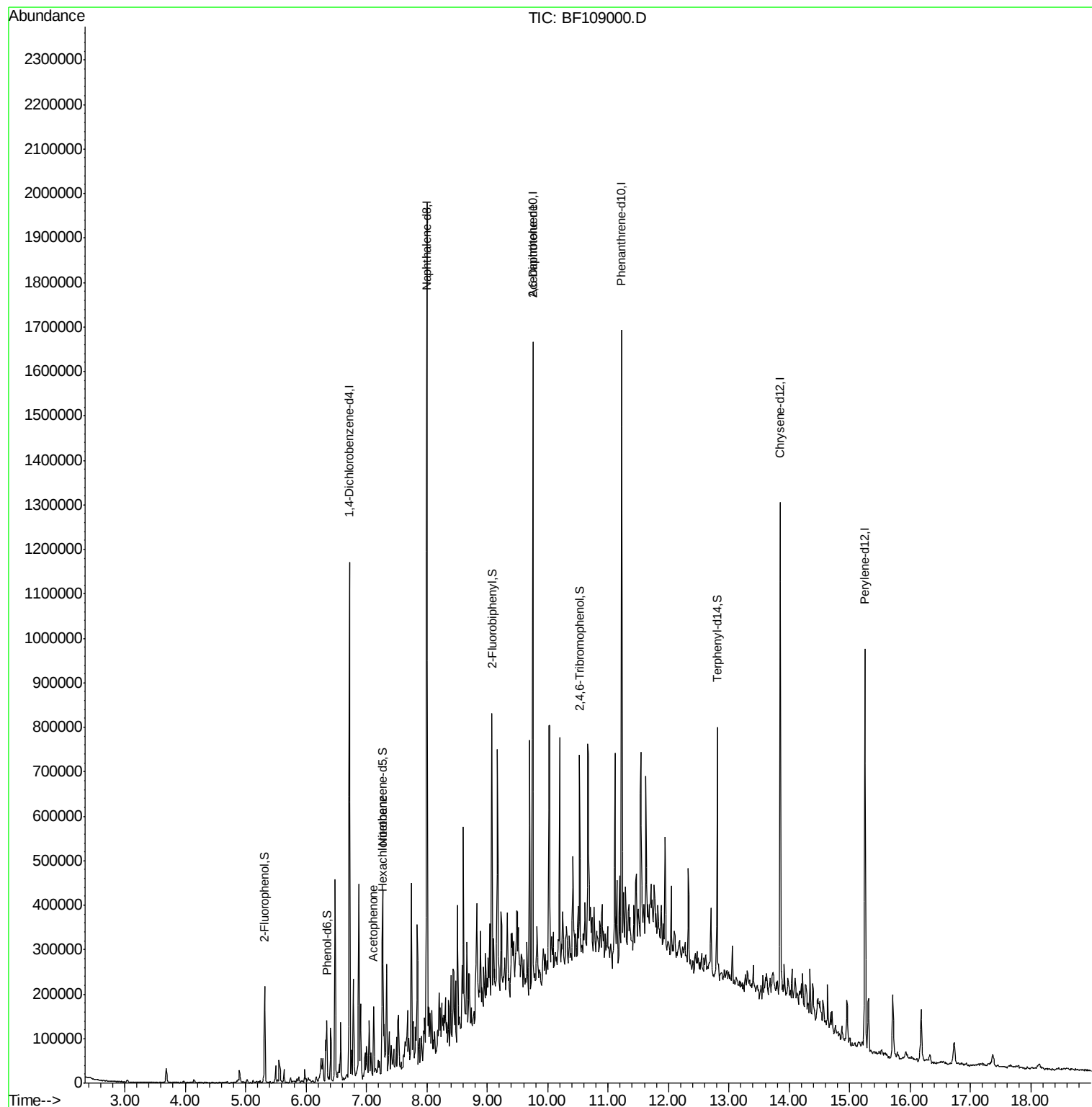
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156375	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	588857	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	280098	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	519260	20.00	ng	0.00
75) Chrysene-d12	13.85	240	367572	20.00	ng	-0.01
86) Perylene-d12	15.25	264	397171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	54934	5.83	ng	-0.01
7) Phenol-d6	6.34	99	42449	3.50	ng	-0.02
23) Nitrobenzene-d5	7.27	82	103772	9.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	41906	13.79	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	205960	11.52	ng	0.00
78) Terphenyl-d14	12.81	244	177370	11.44	ng	0.00
Target Compounds						
18) Hexachloroethane	7.26	117	10970	2.499	ng	# 1
22) Acetophenone	7.12	105	28895	2.161	ng	# 66
50) 2,6-Dinitrotoluene	9.75	165	38545	8.682	ng	# 30

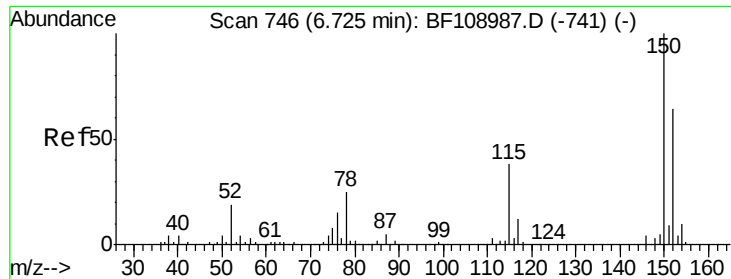
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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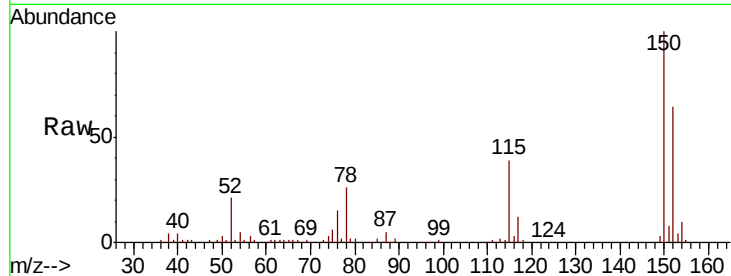


#1

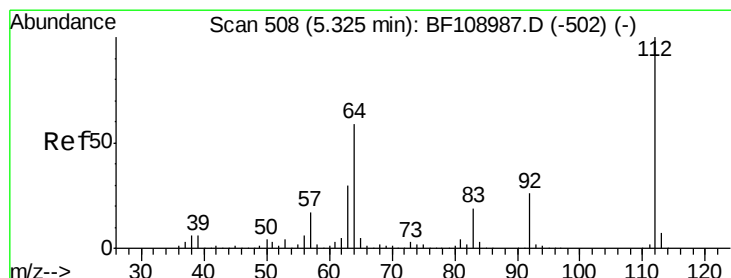
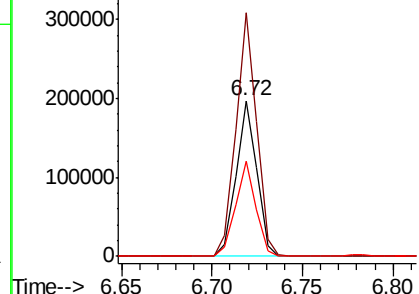
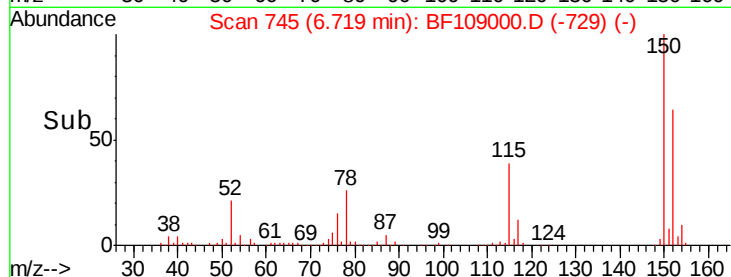
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109000.D
Acq: 14 Sep 2018 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156375
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 60.7 50.1 75.1



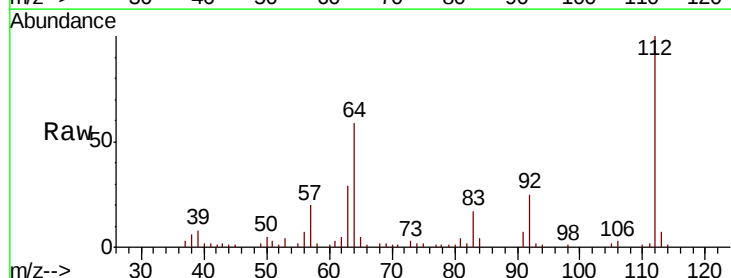
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



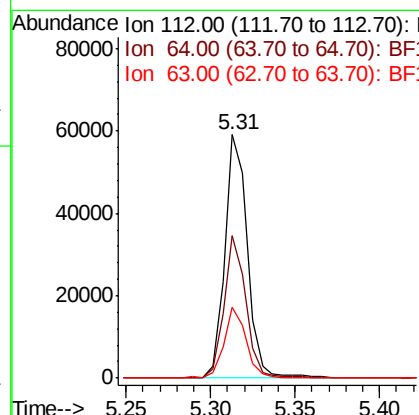
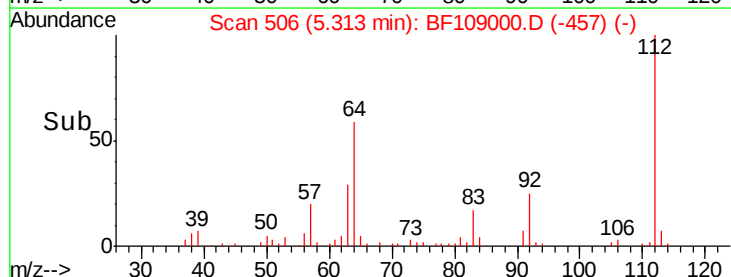
#5

2-Fluorophenol
Concen: 5.835 ng
RT: 5.31 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF109000.D
Acq: 14 Sep 2018 17:42

Tgt Ion:112 Resp: 54934
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 29.0 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: 3.497 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109000.D

Acq: 14 Sep 2018 17:42

Instrument :

BNA_F

ClientSampleId :

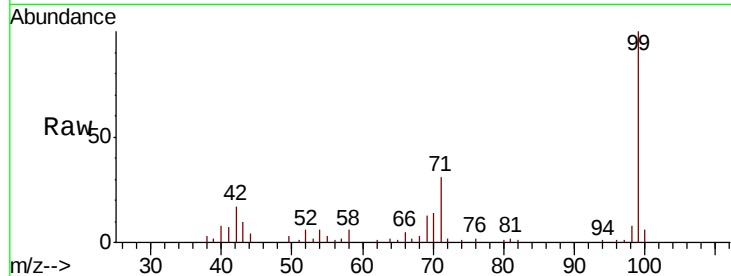
Tot Ion: 99 Resp: 42449

Ion Ratio Lower Upper

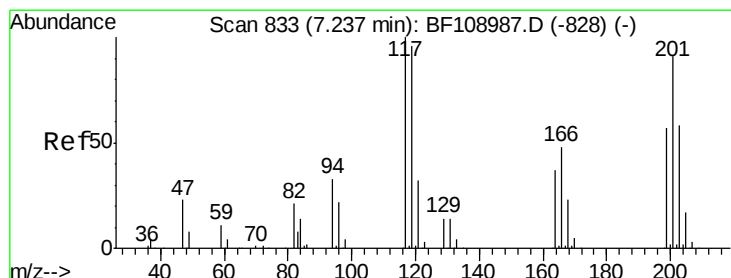
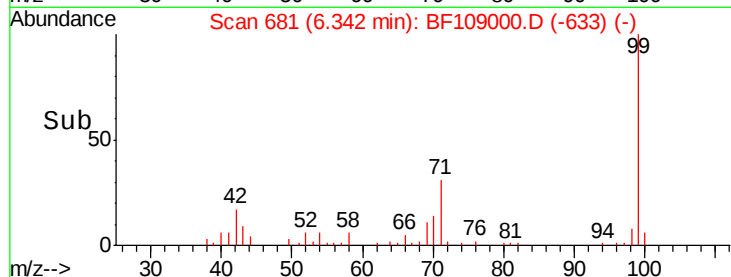
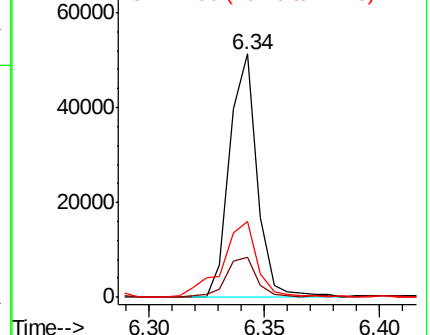
99 100

42 16.6 14.5 21.7

71 31.2 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



#18

Hexachloroethane

Concen: 2.499 ng

RT: 7.26 min Scan# 837

Delta R.T. 0.02 min

Lab File: BF109000.D

Acq: 14 Sep 2018 17:42

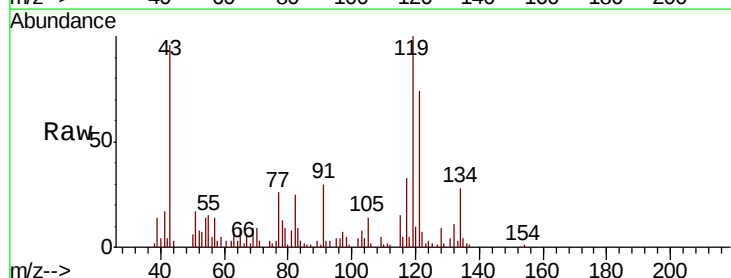
Tgt Ion: 117 Resp: 10970

Ion Ratio Lower Upper

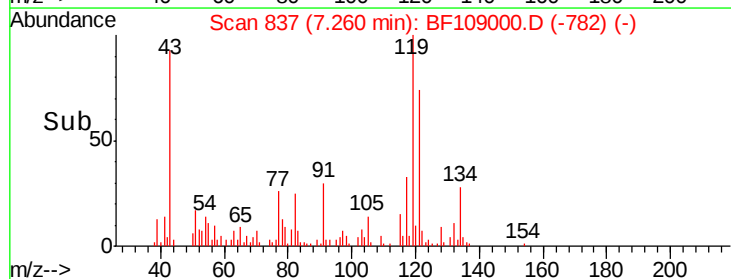
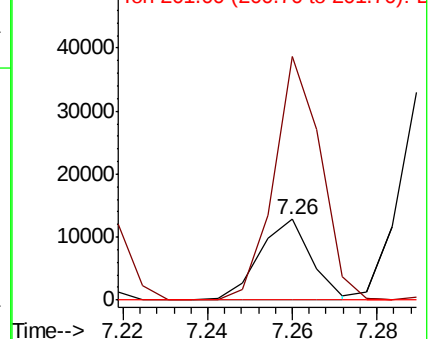
117 100

119 302.0 75.8 113.8#

201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109000.D

Acq: 14 Sep 2018 17:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 588857

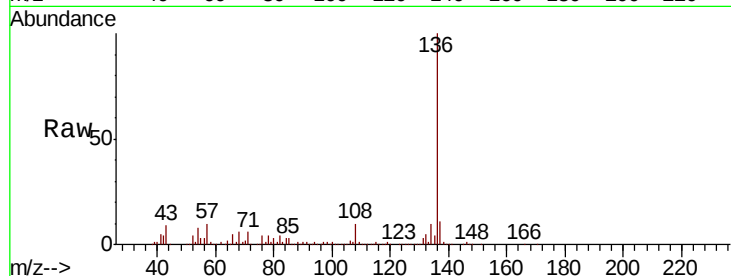
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.6 6.6 9.8

68 6.2 5.0 7.4

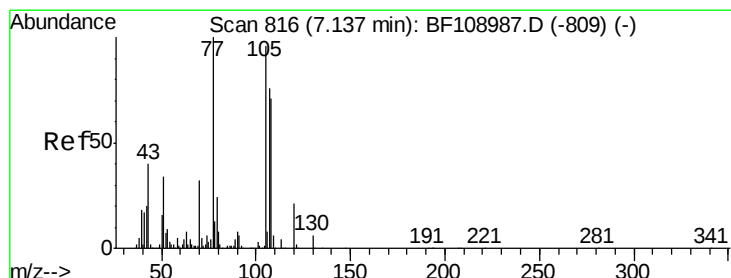
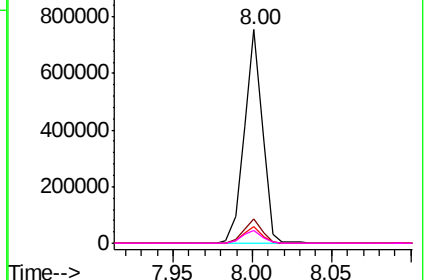
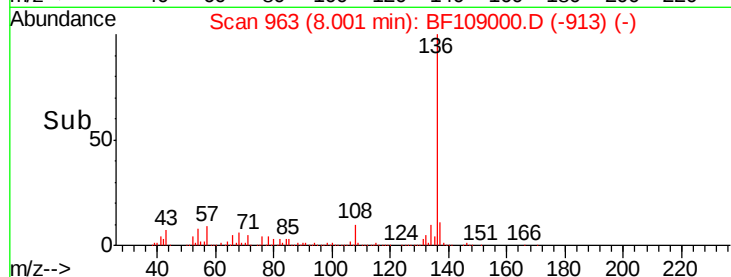


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 2.161 ng

RT: 7.12 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF109000.D

Acq: 14 Sep 2018 17:42

Tgt Ion:105 Resp: 28895

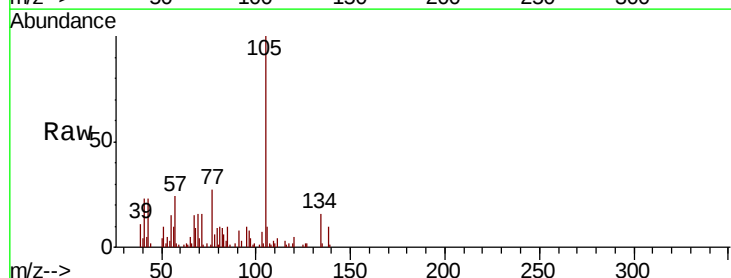
Ion Ratio Lower Upper

105 100

71 16.1 4.4 6.6#

51 9.7 22.3 33.5#

120 5.5 16.9 25.3#

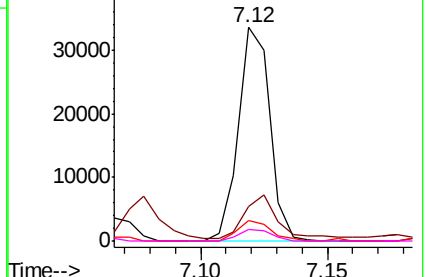
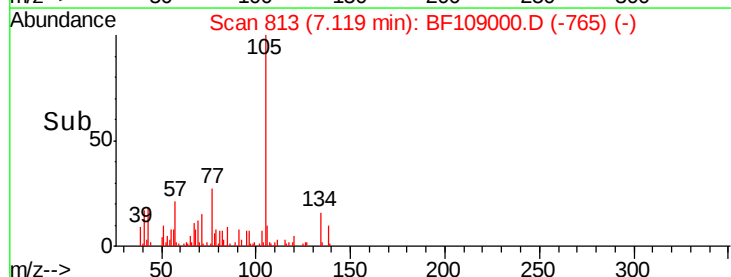


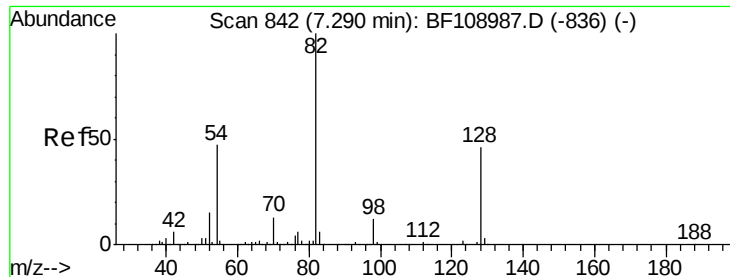
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

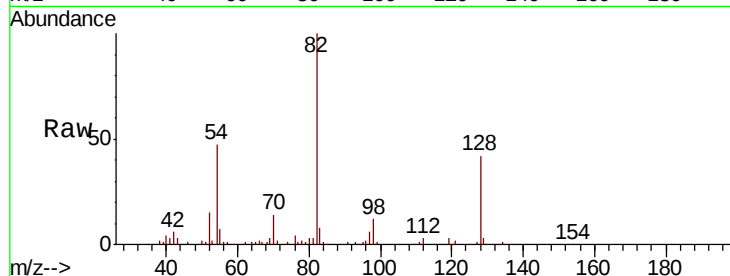




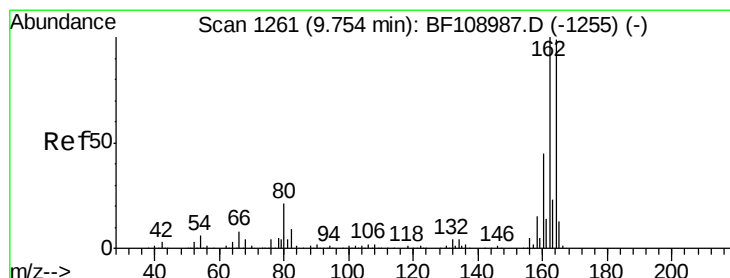
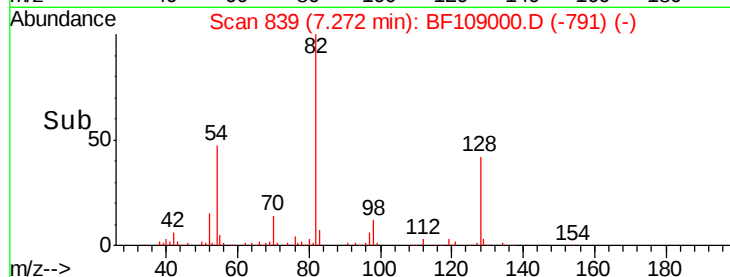
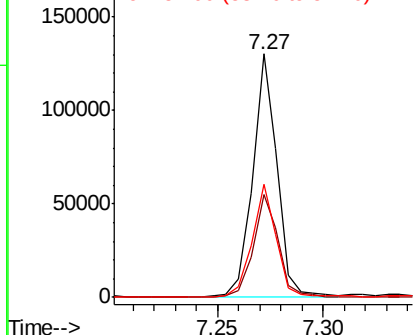
#23
 Nitrobenzene-d5
 Concen: 9.884 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF109000.D
 Acq: 14 Sep 2018 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 103772
 Ion Ratio Lower Upper
 82 100
 128 42.3 36.1 54.1
 54 46.6 41.4 62.2

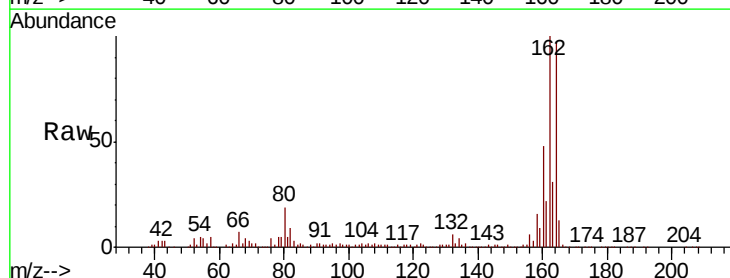


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

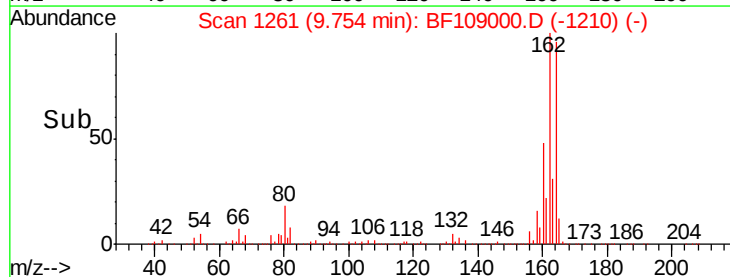
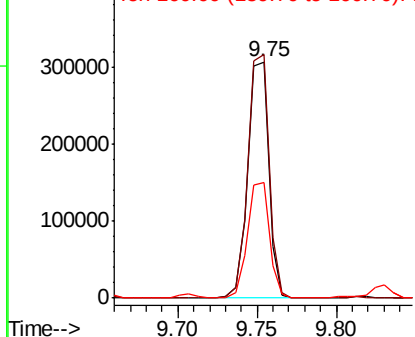


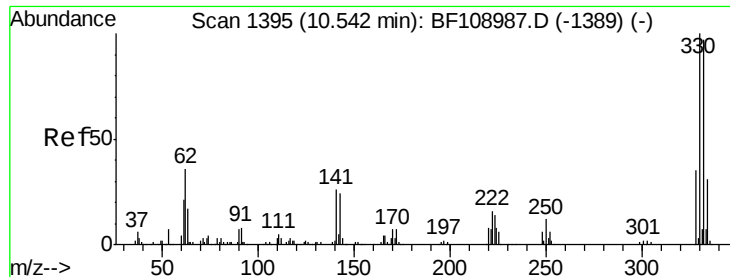
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109000.D
 Acq: 14 Sep 2018 17:42

Tgt Ion:164 Resp: 280098
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 49.1 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

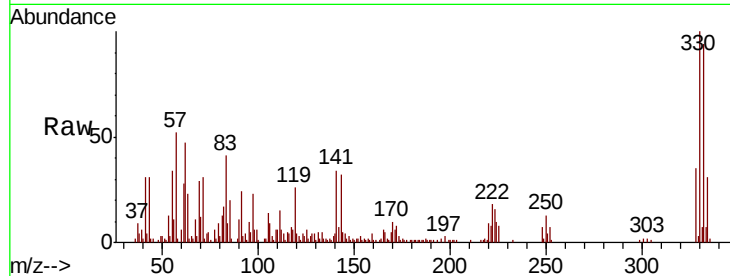




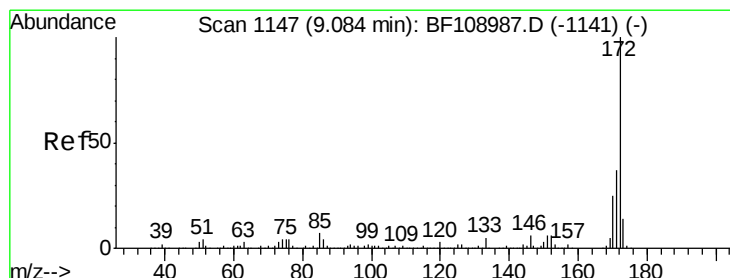
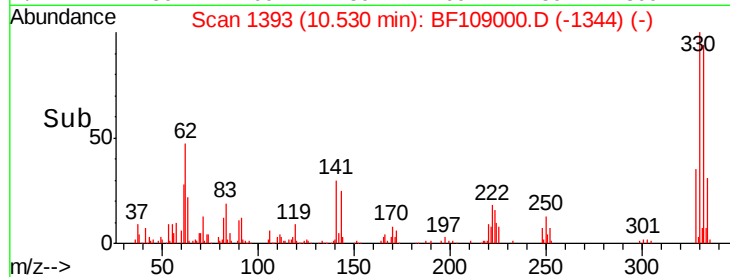
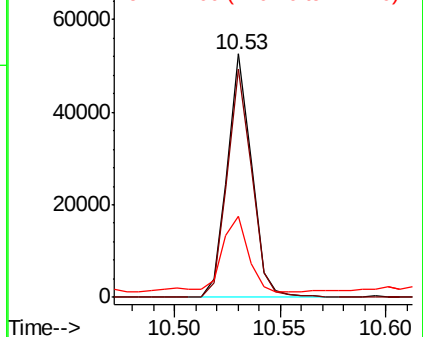
#41
 2,4,6-Tribromophenol
 Concen: 13.786 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109000.D
 Acq: 14 Sep 2018 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	34.8	29.9	44.9

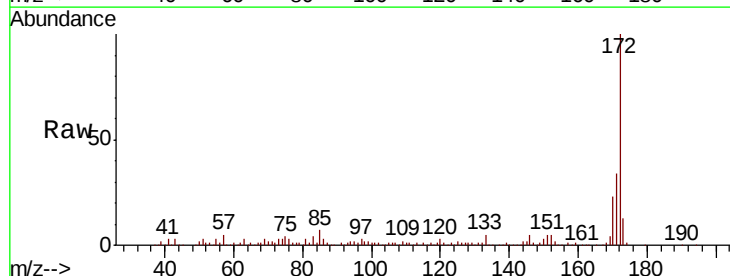


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

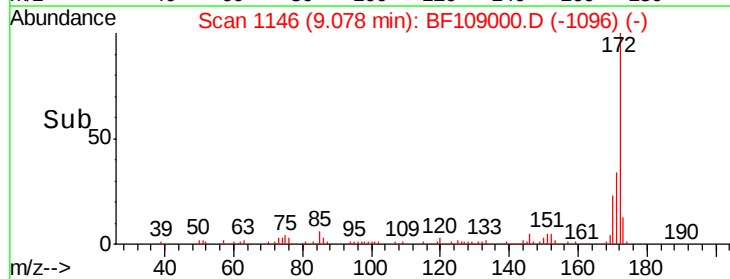
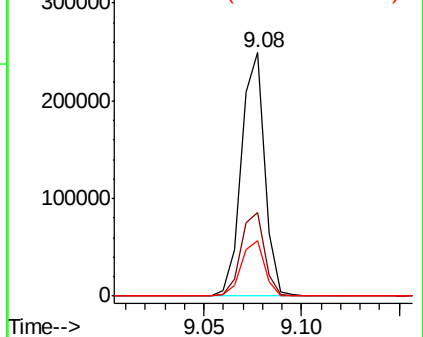


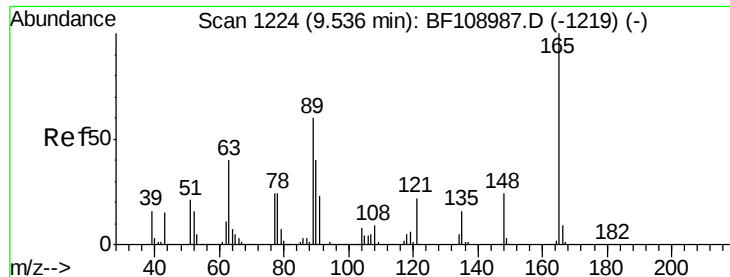
#44
 2-Fluorobiphenyl
 Concen: 11.520 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109000.D
 Acq: 14 Sep 2018 17:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	22.9	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

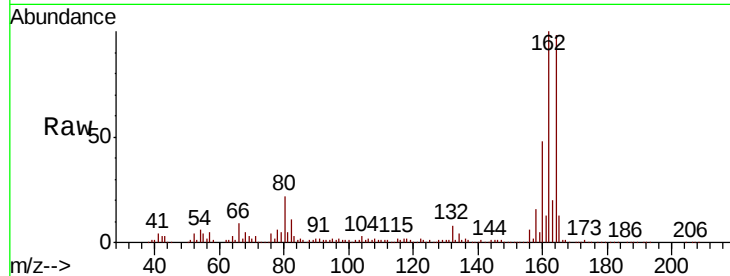




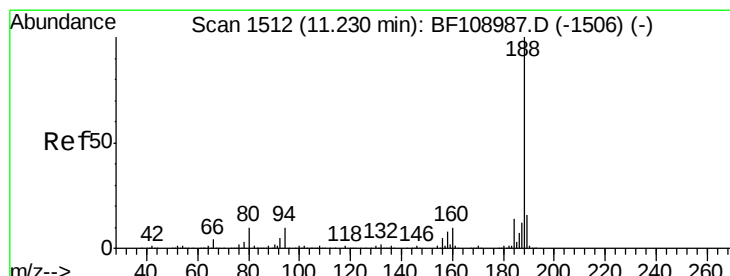
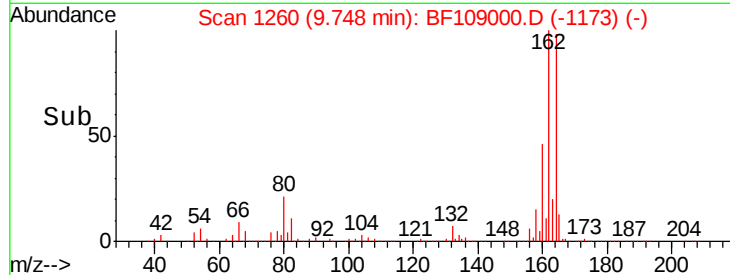
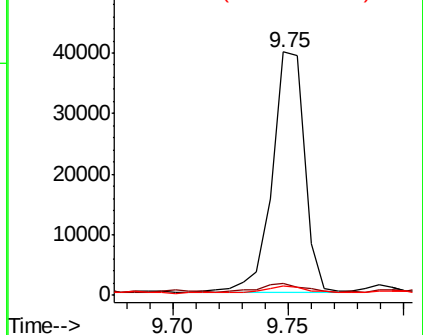
#50
 2,6-Dinitrotoluene
 Concen: 8.682 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109000.D
 Acq: 14 Sep 2018 17:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	5.1	44.7	67.1#
89	3.9	44.0	66.0#

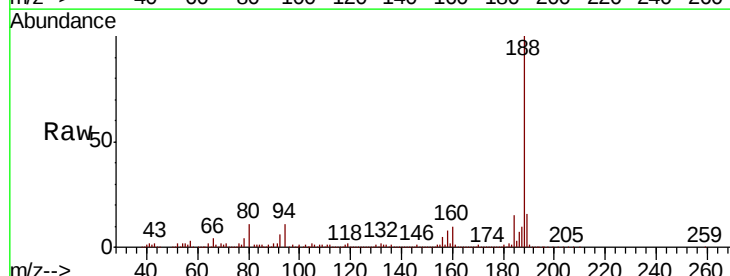


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

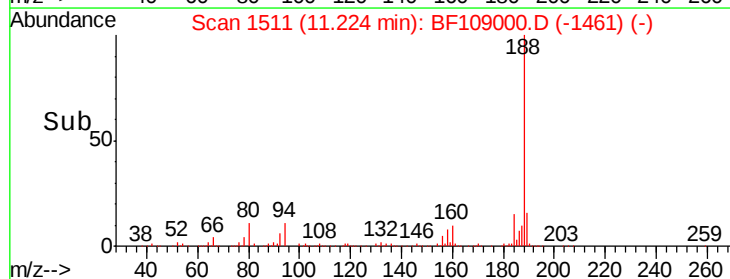
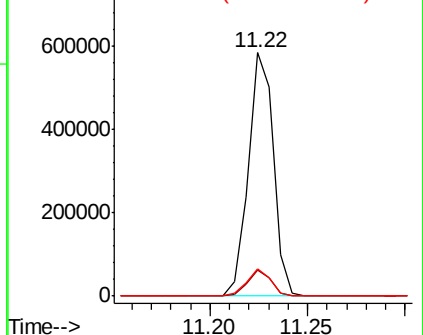


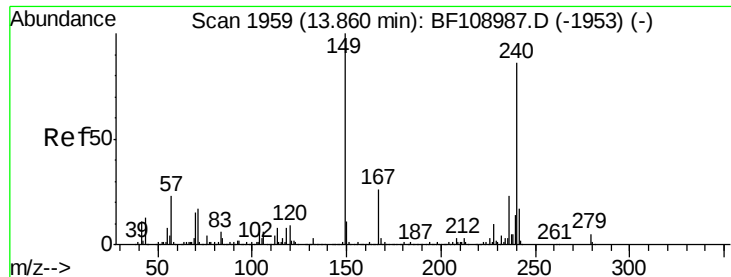
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109000.D
 Acq: 14 Sep 2018 17:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.3	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

Chrvsene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109000.D

Acq: 14 Sep 2018 17:42

Instrument :

BNA_F

ClientSampled :

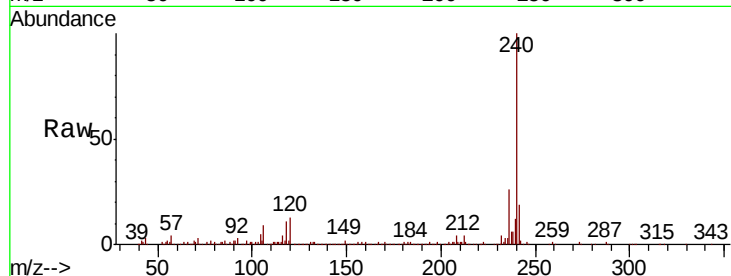
Tot Ion:240 Resp: 367572

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

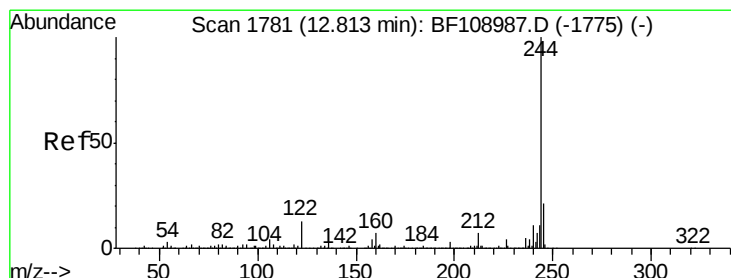
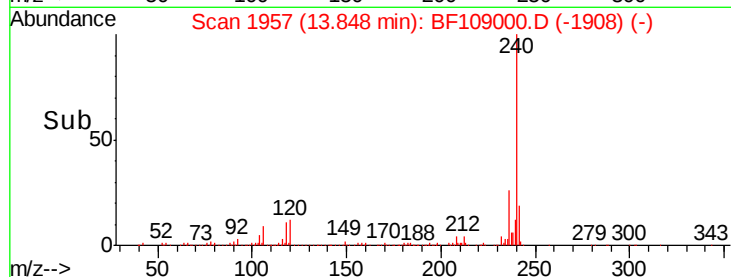
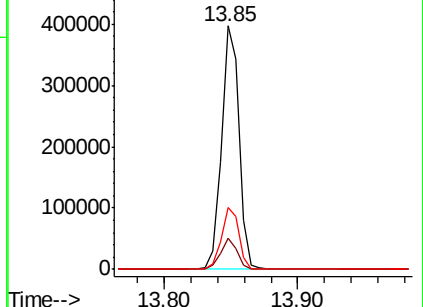
236 25.5 20.7 31.1



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: 11.438 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109000.D

Acq: 14 Sep 2018 17:42

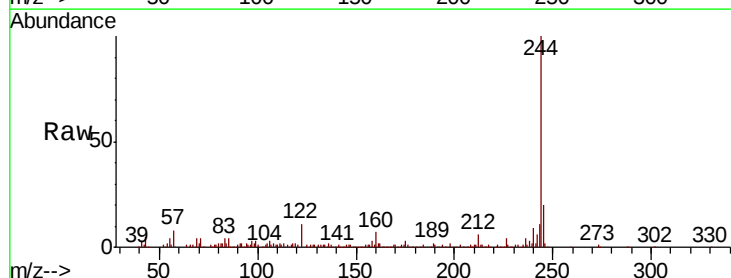
Tgt Ion:244 Resp: 177370

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

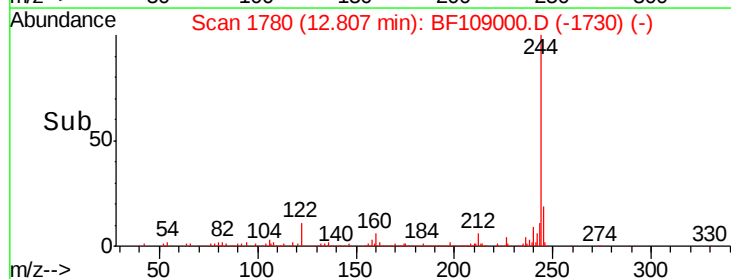
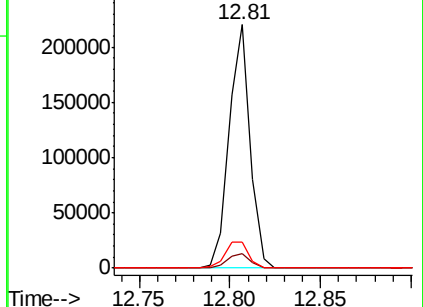
122 10.8 11.0 16.4#

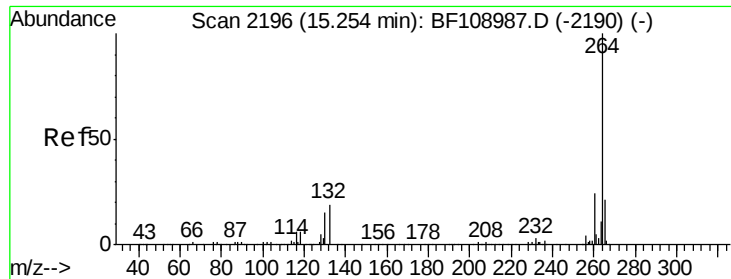


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

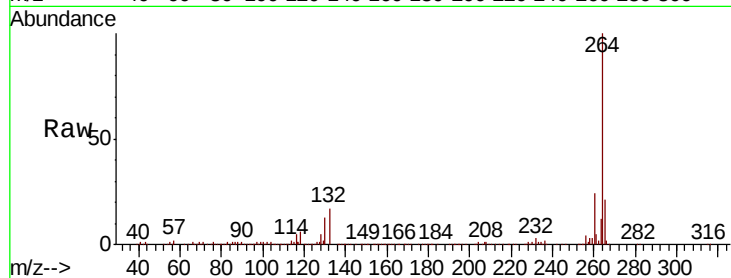




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109000.D
Acq: 14 Sep 2018 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

