

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109011.D
 Acq On : 14 Sep 2018 22:41
 Operator : JU/SJ
 Sample : J4883-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV30518L

Quant Time: Sep 15 01:09:41 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

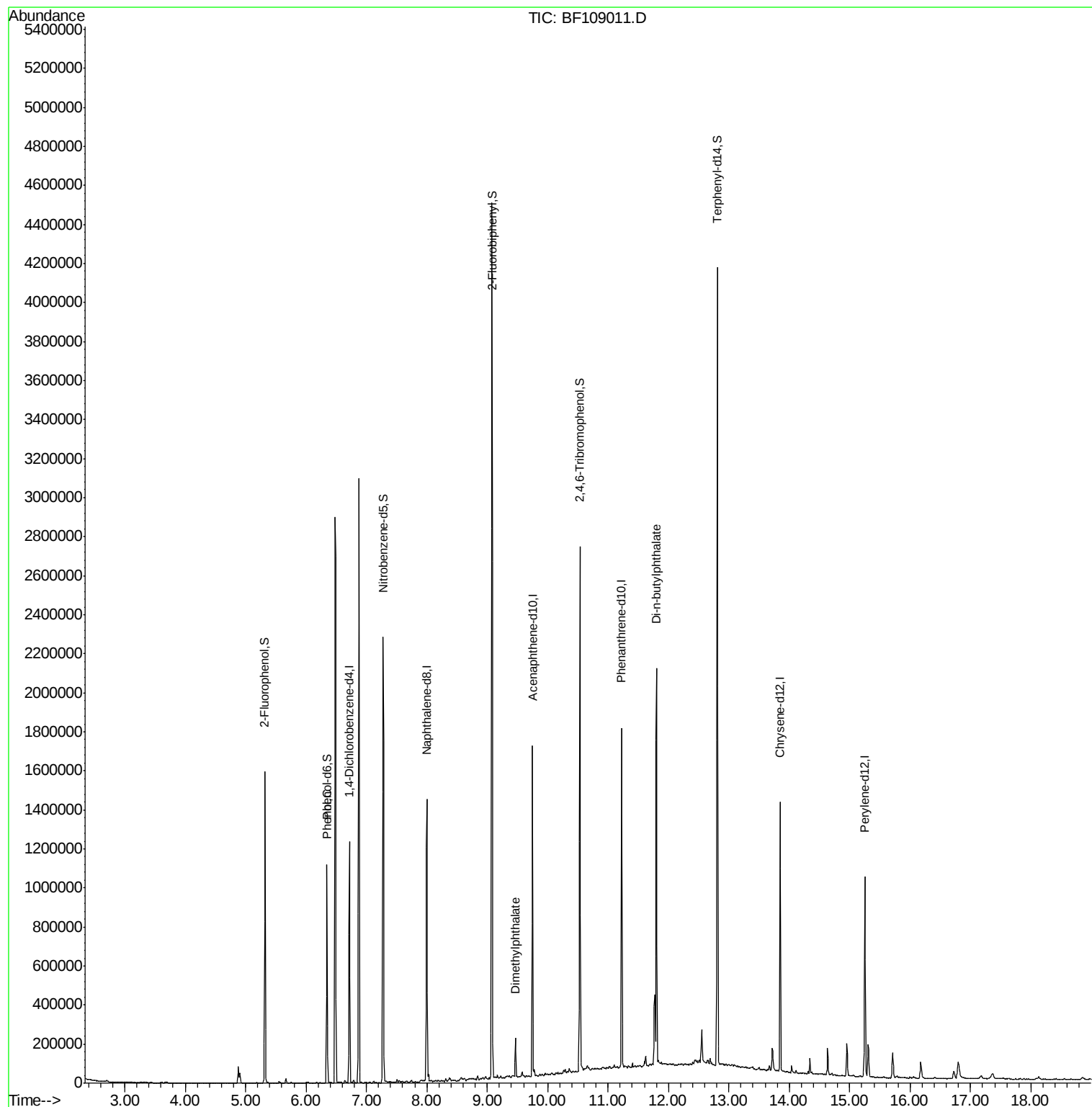
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163218	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	634882	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	317040	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	607025	20.00	ng	0.00
75) Chrysene-d12	13.85	240	456529	20.00	ng	-0.01
86) Perylene-d12	15.25	264	421977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	464805	47.30	ng	0.00
7) Phenol-d6	6.34	99	368935	29.11	ng	-0.02
23) Nitrobenzene-d5	7.28	82	823776	72.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	347866	101.10	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1413586	69.86	ng	0.00
78) Terphenyl-d14	12.81	244	1496464	77.70	ng	0.00
Target Compounds						
10) Phenol	6.35	94	39298	2.756	ng	96
49) Dimethylphthalate	9.47	163	72850	3.215	ng	99
73) Di-n-butylphthalate	11.80	149	1007787	28.833	ng	100

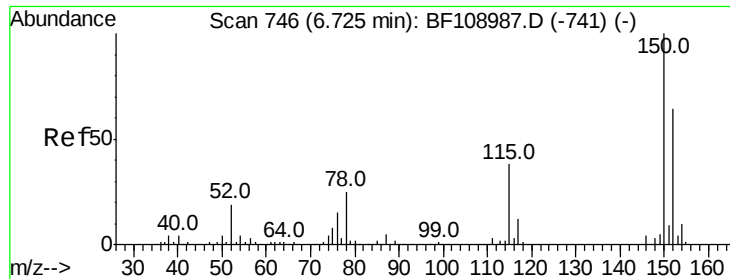
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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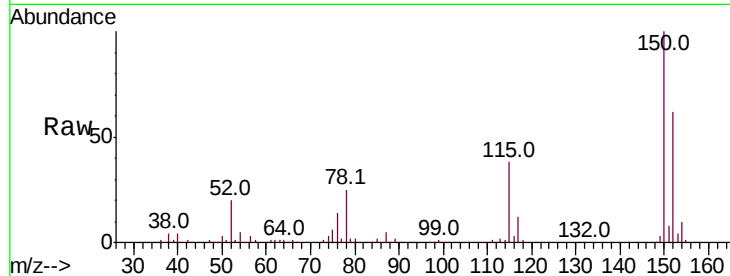


#1

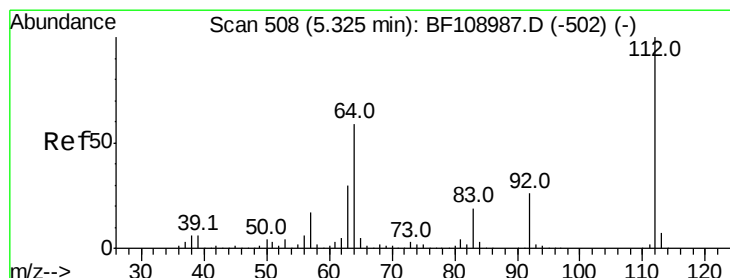
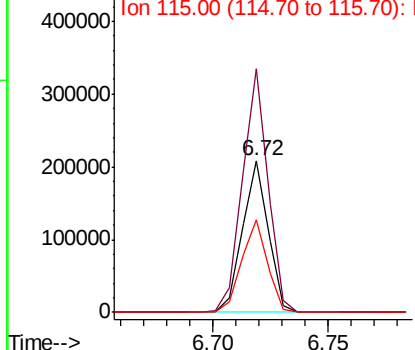
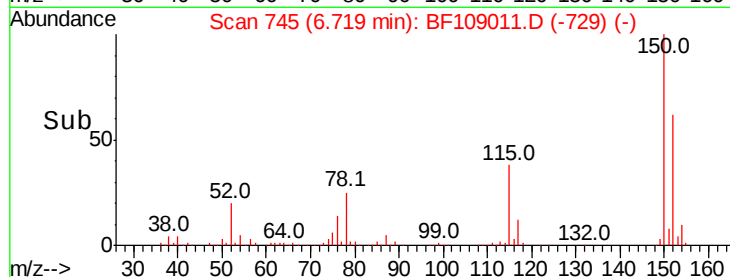
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Instrument :
BNA_F
ClientSampled :
SV30518L

Tot Ion:152 Resp: 163218
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 61.2 50.1 75.1



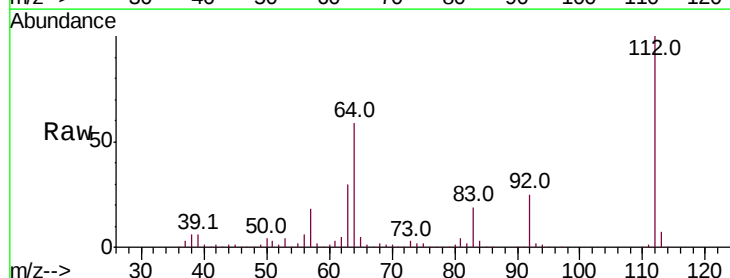
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



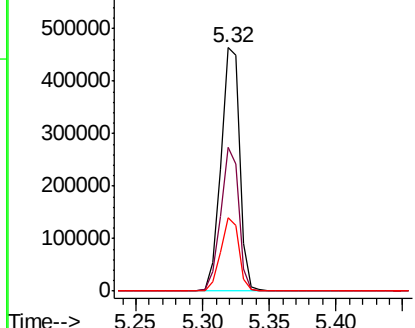
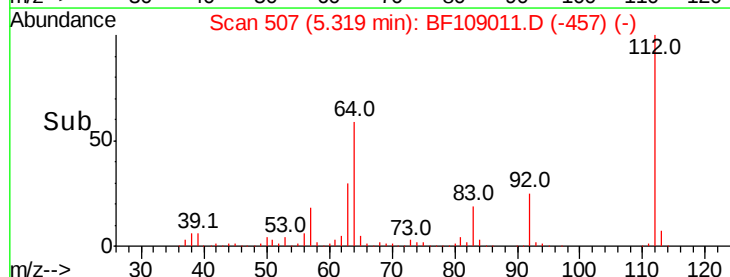
#5

2-Fluorophenol
Concen: 47.298 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Tgt Ion:112 Resp: 464805
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.1 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: 29.115 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

Instrument :

BNA_F

ClientSampleId :

SV30518L

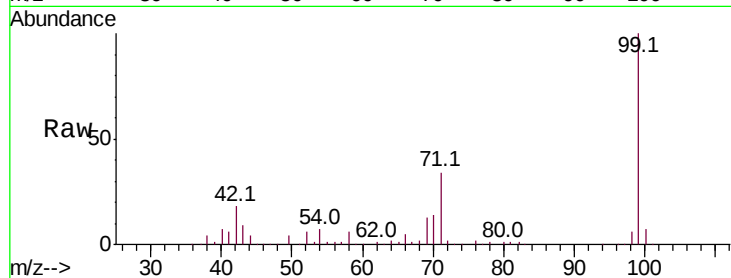
Tot Ion: 99 Resp: 368935

Ion Ratio Lower Upper

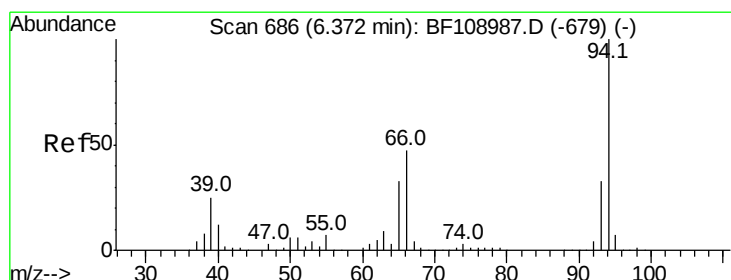
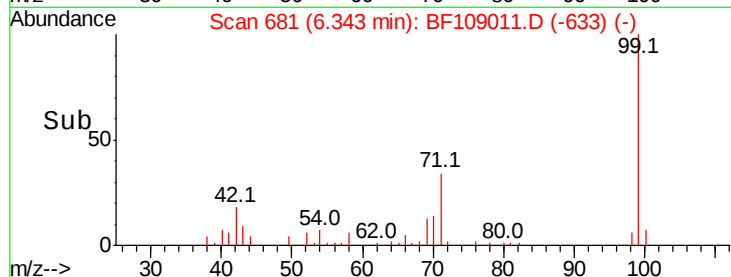
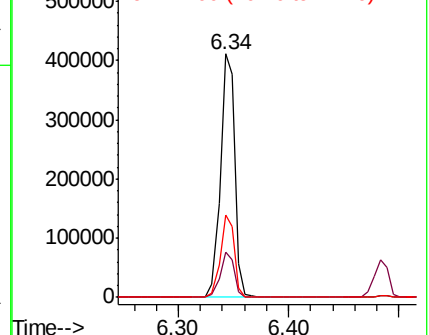
99 100

42 18.4 14.5 21.7

71 33.6 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



#10

Phenol

Concen: 2.756 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

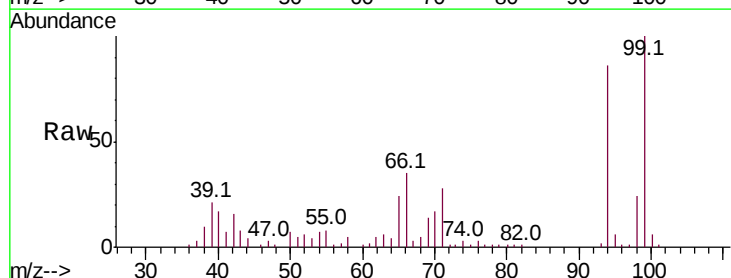
Tgt Ion: 94 Resp: 39298

Ion Ratio Lower Upper

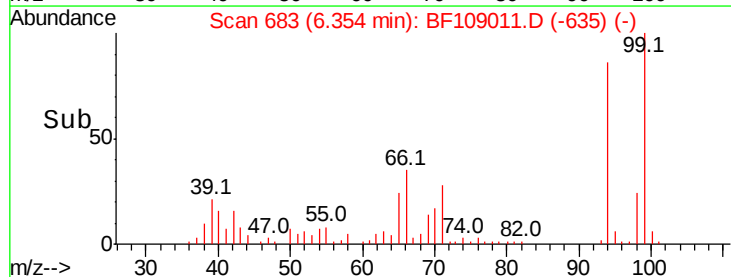
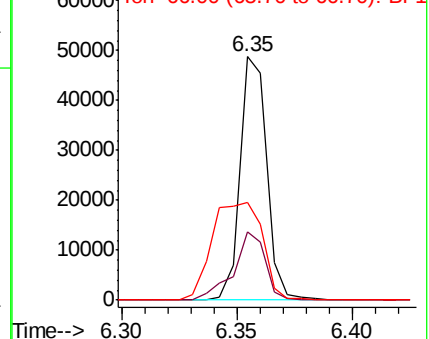
94 100

65 28.3 7.9 47.9

66 40.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

Instrument :

BNA_F

ClientSampleId :

SV30518L

Tot Ion:136 Resp: 634882

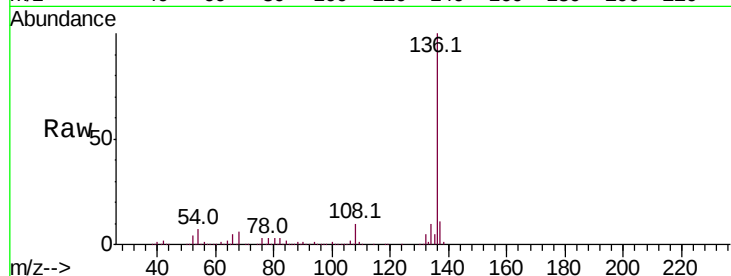
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4

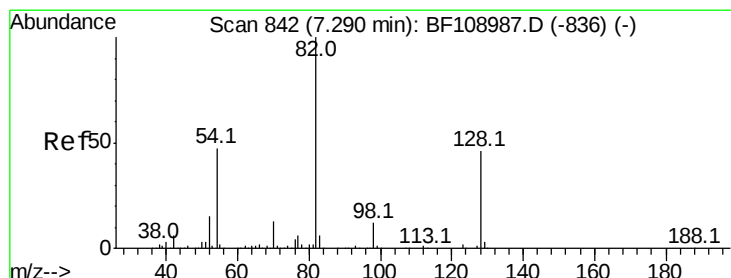
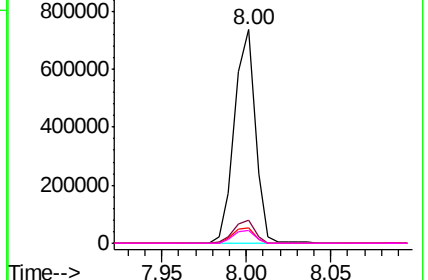
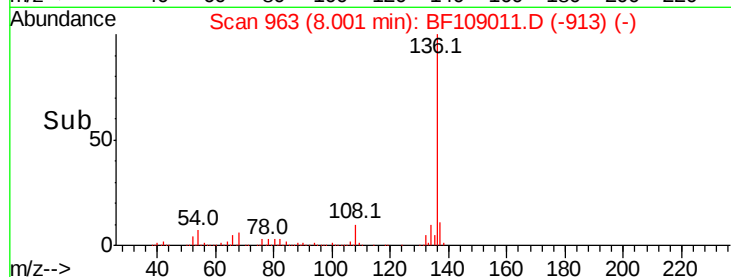


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.776 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

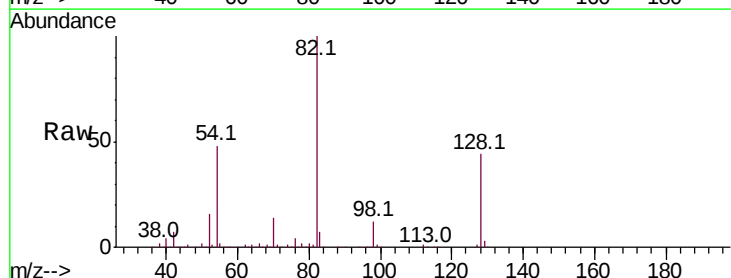
Tgt Ion: 82 Resp: 823776

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

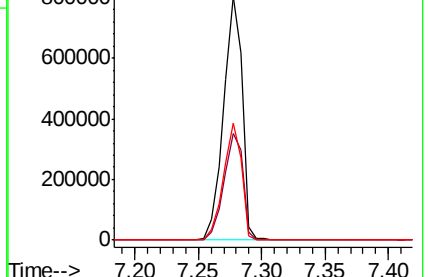
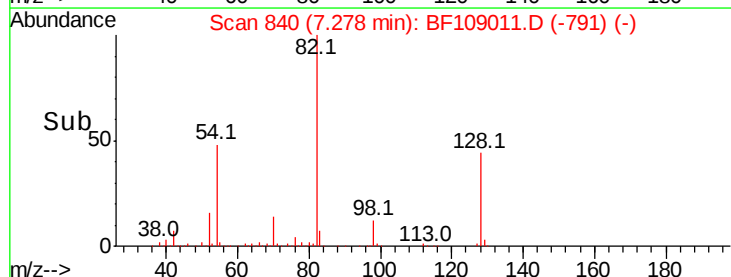
54 48.2 41.4 62.2

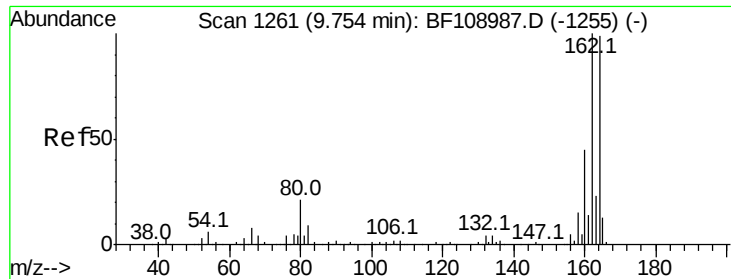


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

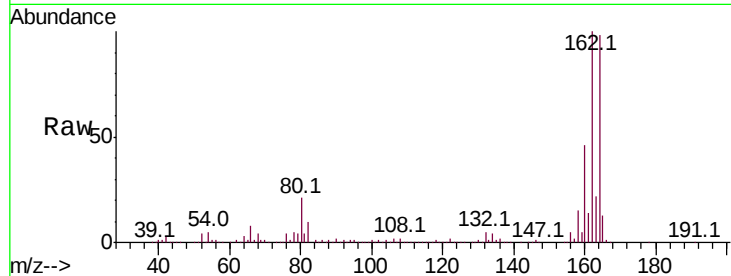




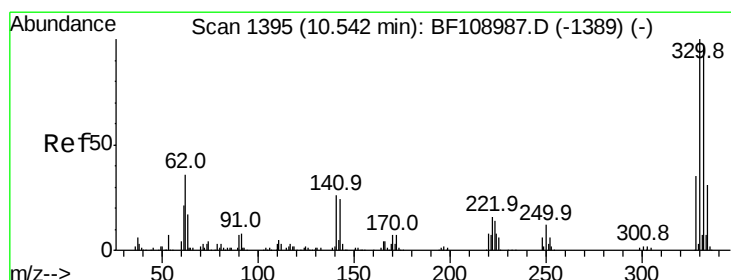
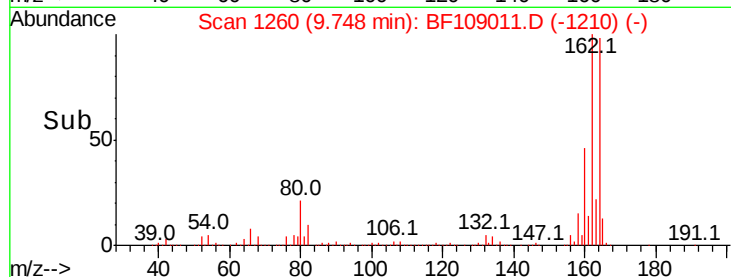
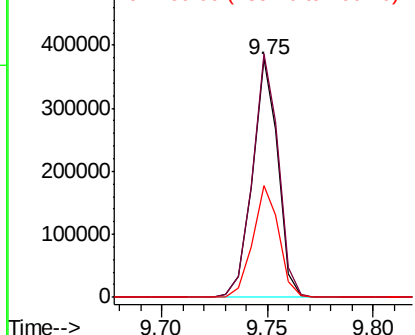
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

Instrument :
 BNA_F
 ClientSampleId :
 SV30518L

Tot Ion:164 Resp: 317040
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 47.1 38.3 57.5

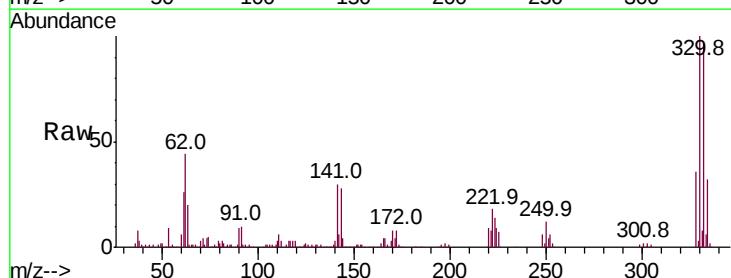


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

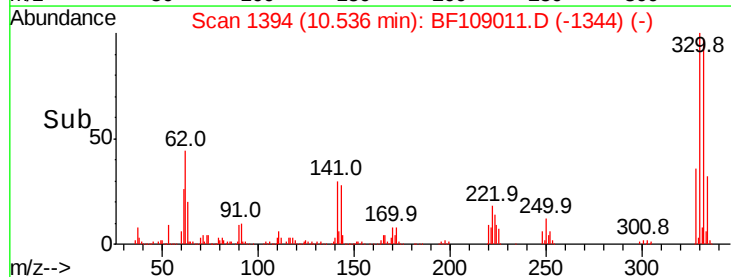
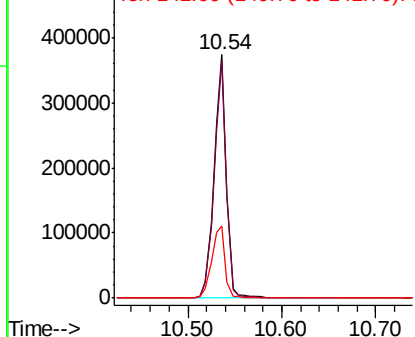


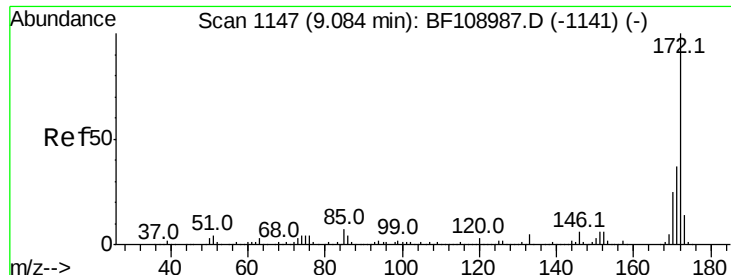
#41
 2,4,6-Tribromophenol
 Concen: 101.102 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

Tgt Ion:330 Resp: 347866
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 32.3 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



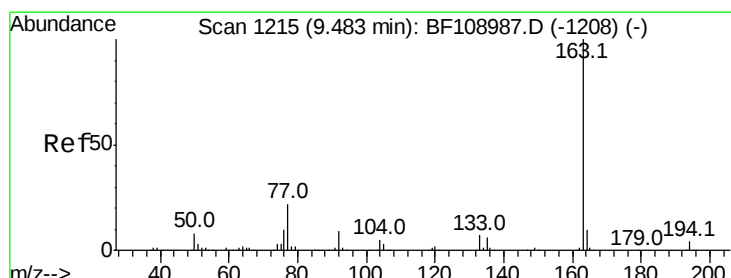
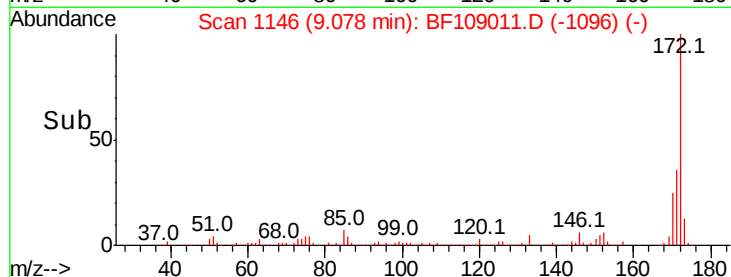
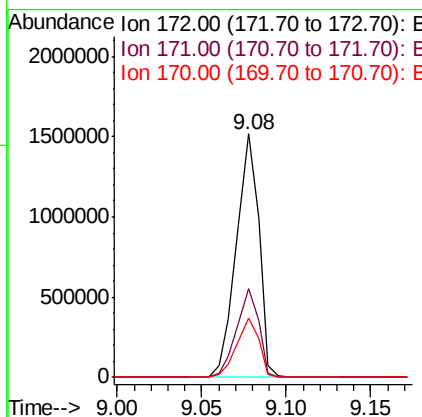
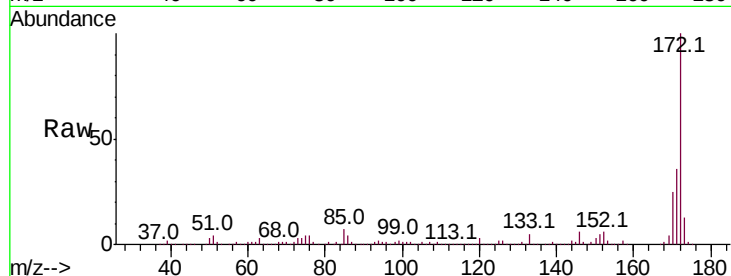


#44
 2-Fluorobiphenyl
 Concen: 69.856 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

Instrument :
 BNA_F
 ClientSampleId :
 SV30518L

Tot Ion:172 Resp: 1413586

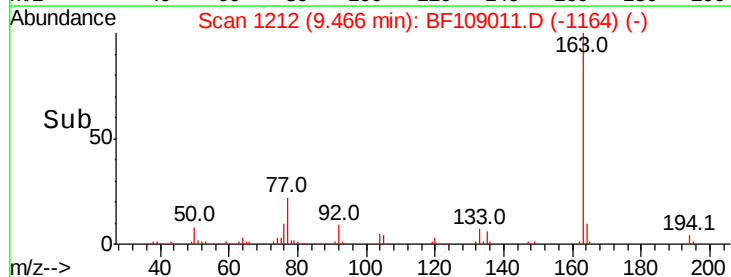
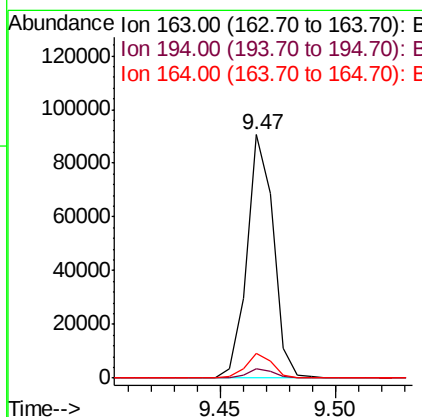
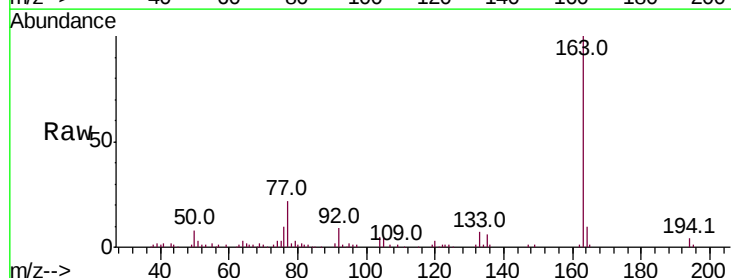
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4

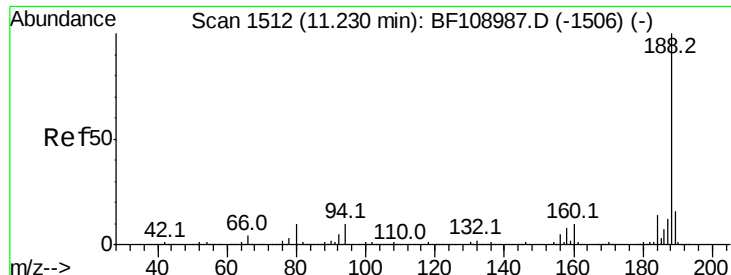


#49
 Dimethylphthalate
 Concen: 3.215 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

Tgt Ion:163 Resp: 72850

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.0	8.2	12.2

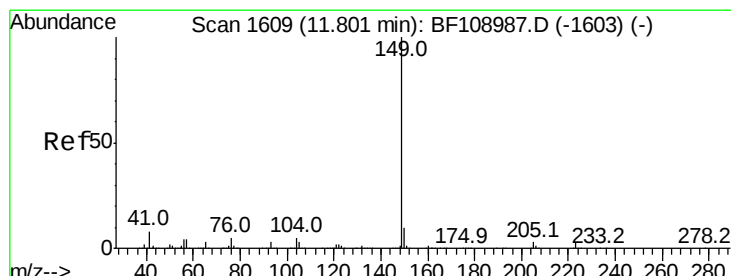
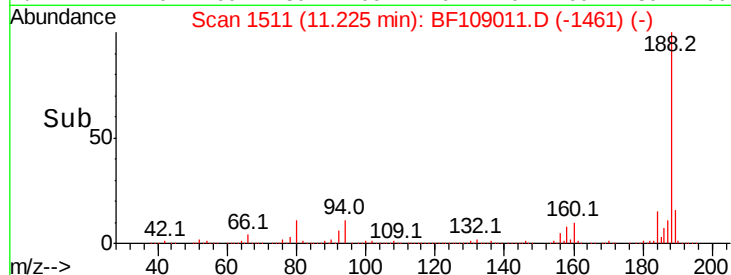
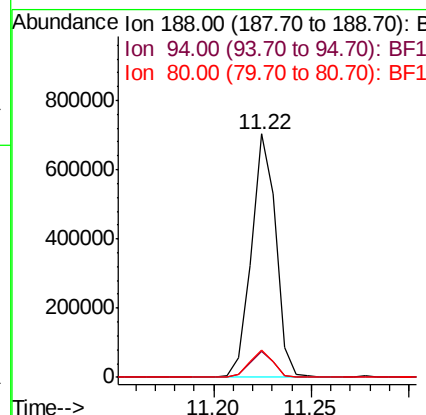
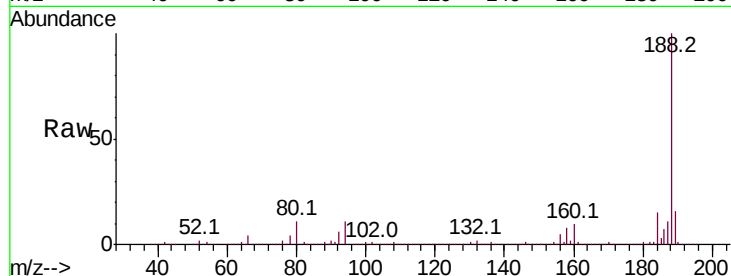




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

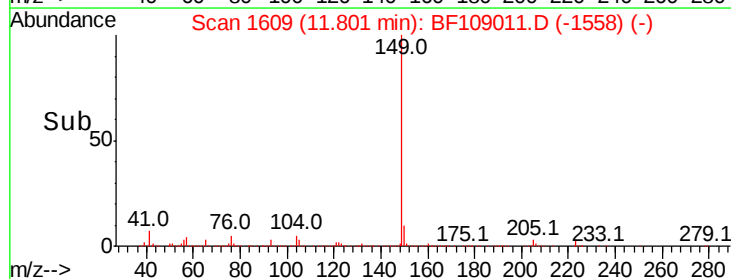
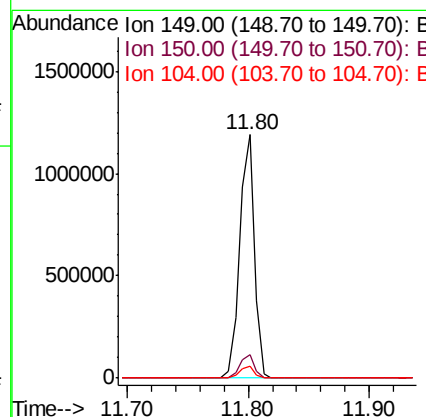
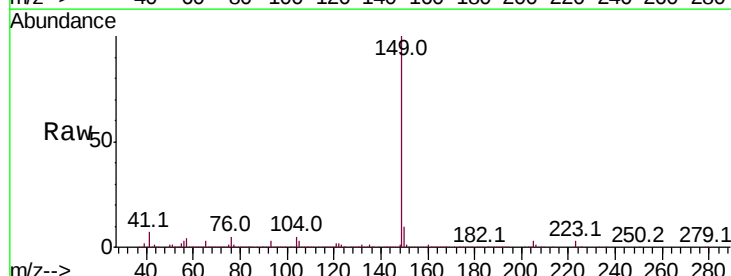
Instrument :
 BNA_F
 ClientSampleId :
 SV30518L

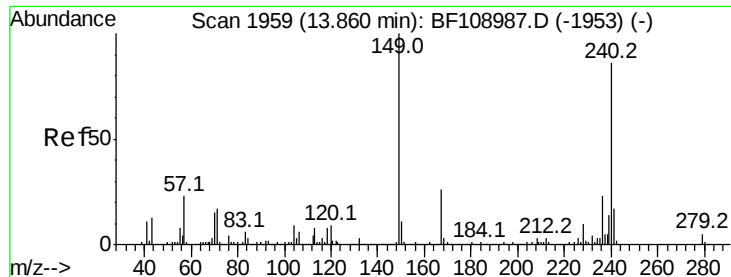
Tot Ion:188 Resp: 607025
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.2 9.2 13.8



#73
 Di-n-butylphthalate
 Concen: 28.833 ng
 RT: 11.80 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF109011.D
 Acq: 14 Sep 2018 22:41

Tgt Ion:149 Resp: 1007787
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 4.9 3.8 5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

Instrument :

BNA_F

ClientSampleId :

SV30518L

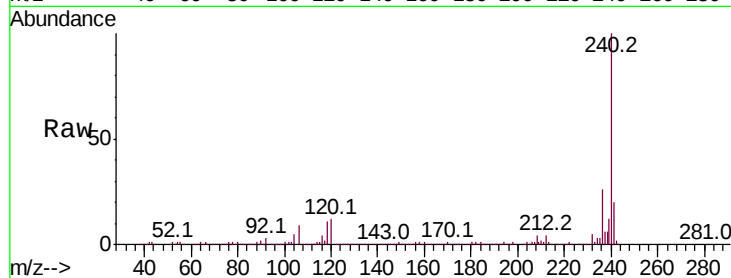
Tot Ion:240 Resp: 456529

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

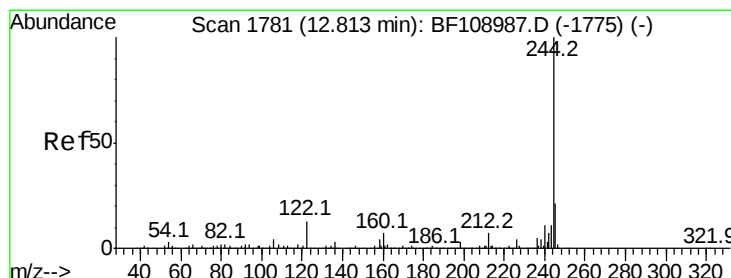
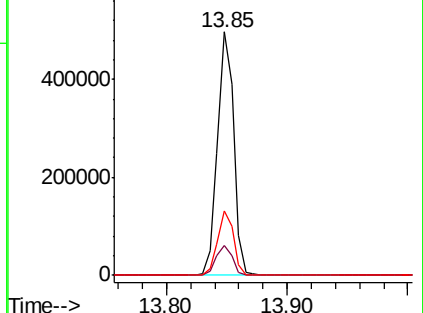
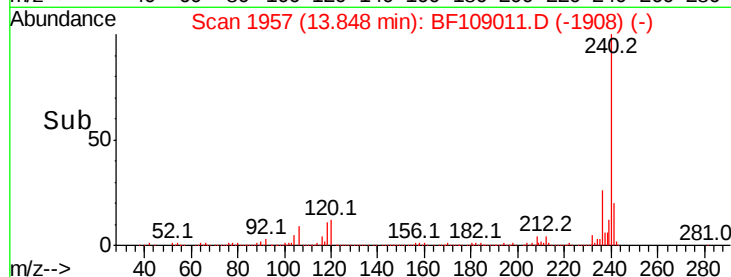
236 26.3 20.7 31.1



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: 77.695 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109011.D

Acq: 14 Sep 2018 22:41

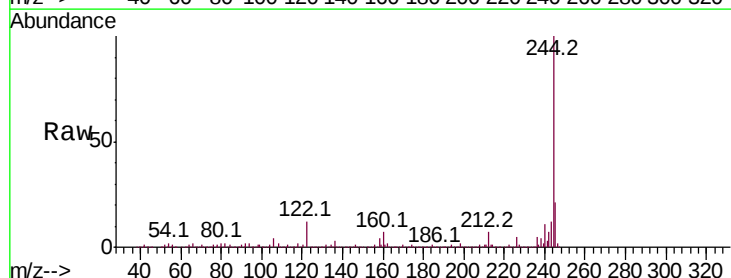
Tgt Ion:244 Resp: 1496464

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

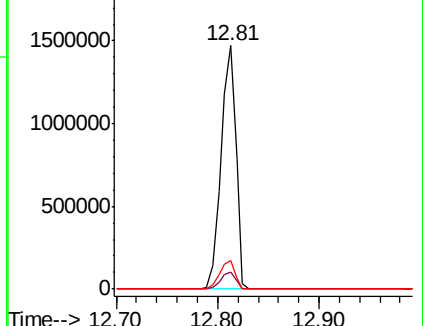
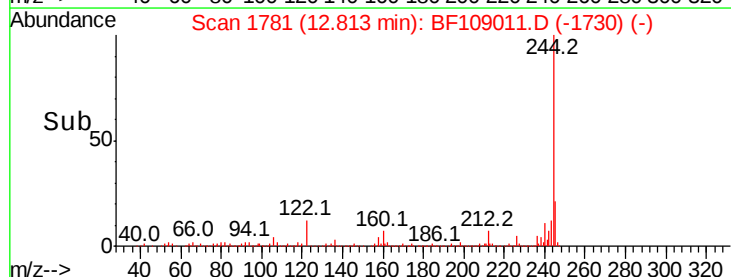
122 11.9 11.0 16.4

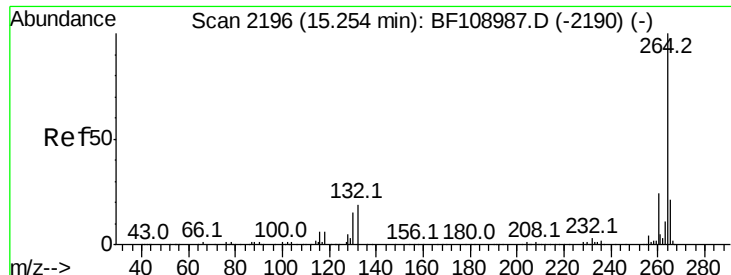


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

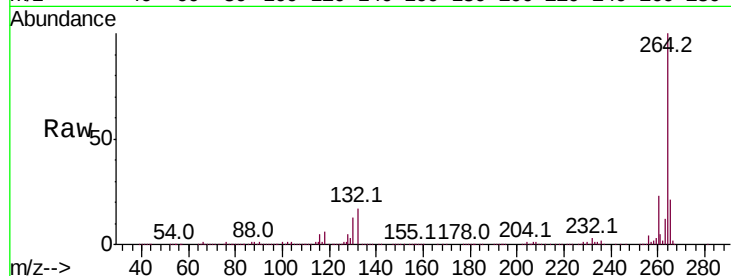




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Instrument :
BNA_F
ClientSampleId :
SV30518L

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	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

