

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109204.D
 Acq On : 21 Sep 2018 1:19
 Operator : JU/SJ
 Sample : J4892-12DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-05-091218DL

Quant Time: Sep 21 08:36:44 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

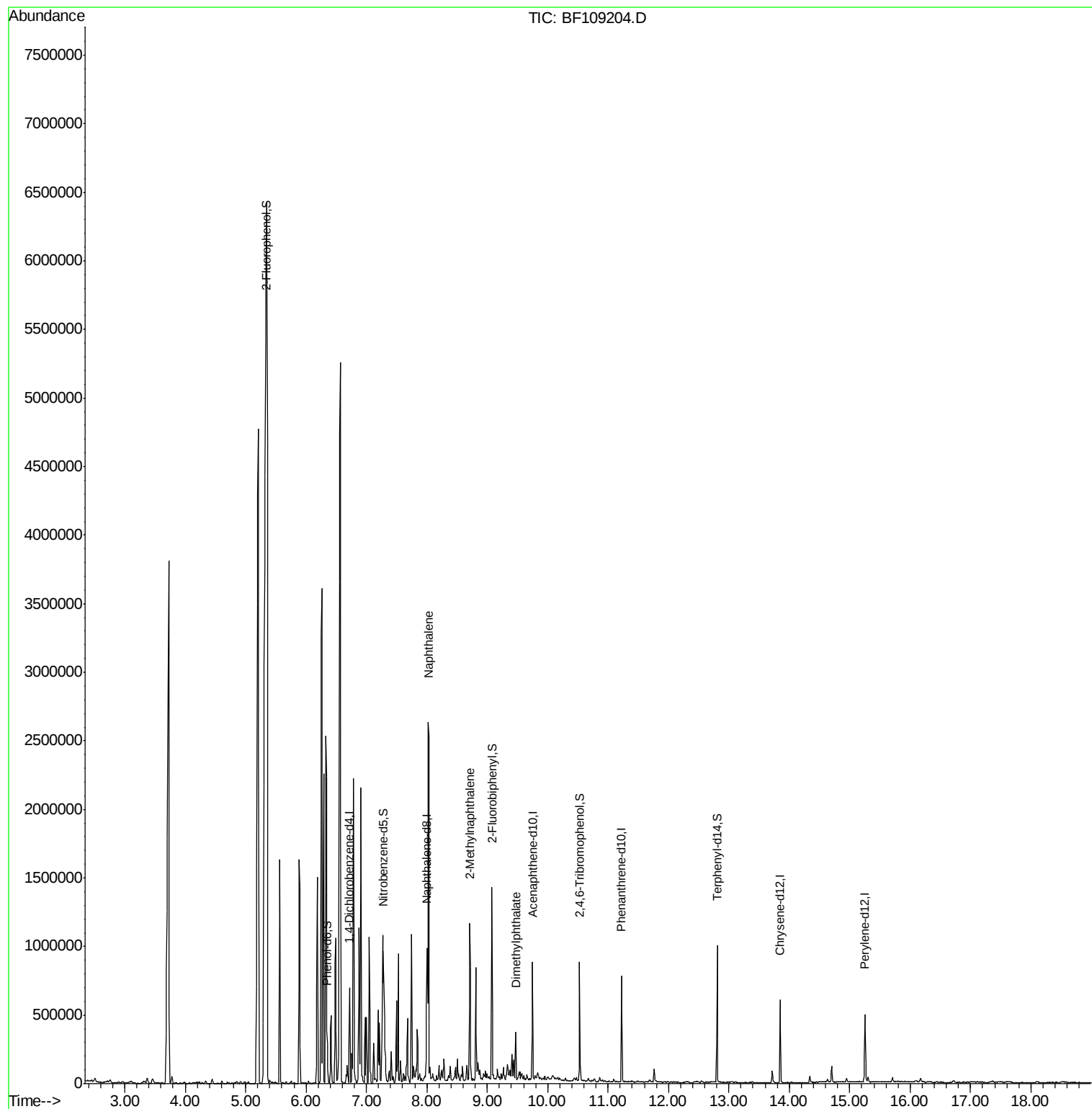
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	98688	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	382711	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	160096	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	245662	20.00	ng	0.00
75) Chrysene-d12	13.85	240	190242	20.00	ng	-0.01
86) Perylene-d12	15.25	264	222049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	52246	8.79	ng	0.01
7) Phenol-d6	6.35	99	102927	13.43	ng	-0.01
23) Nitrobenzene-d5	7.28	82	275671	40.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	90412	52.04	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	399222	39.07	ng	0.00
78) Terphenyl-d14	12.81	244	310832	38.73	ng	0.00
Target Compounds						
31) Naphthalene	8.03	128	1220118	68.688	ng	100
37) 2-Methylnaphthalene	8.71	142	285098	24.622	ng	97
49) Dimethylphthalate	9.47	163	133695	11.684	ng	100

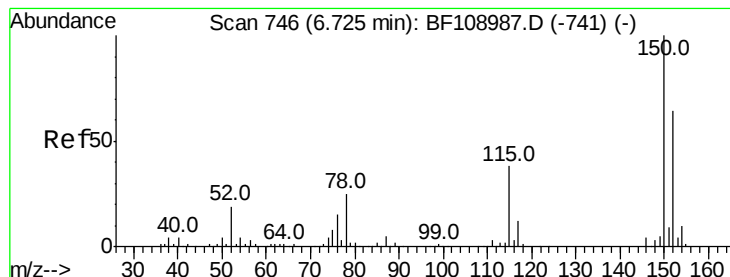
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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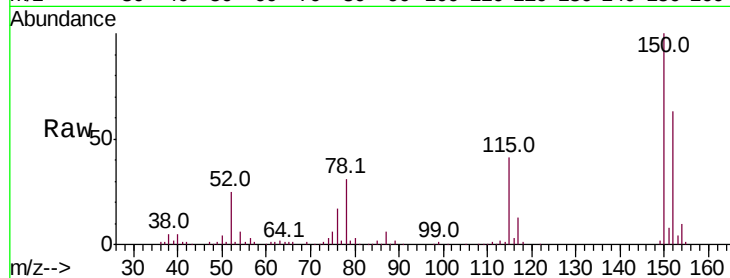


#1

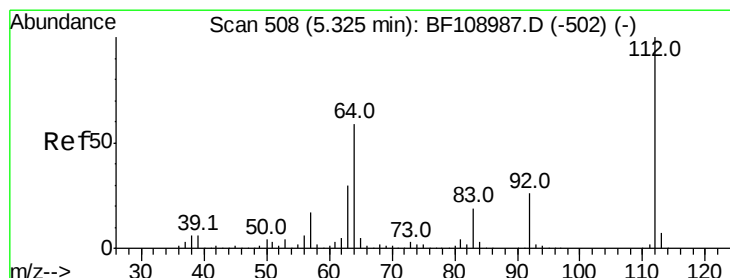
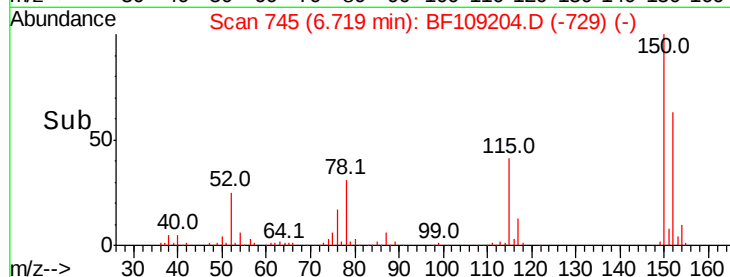
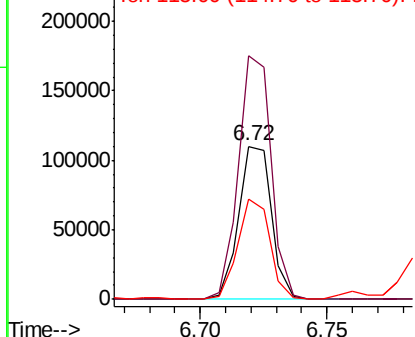
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :
PR-MW-05-091218DL

Tot Ion:152 Resp: 98688
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 65.2 50.1 75.1



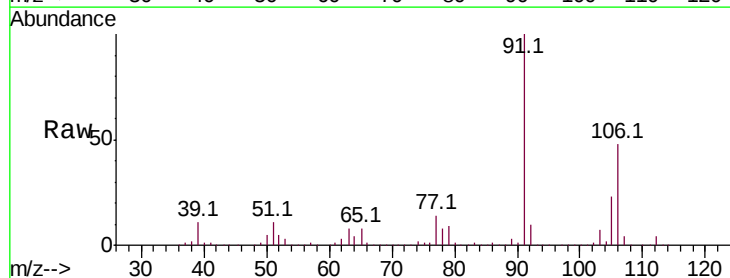
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



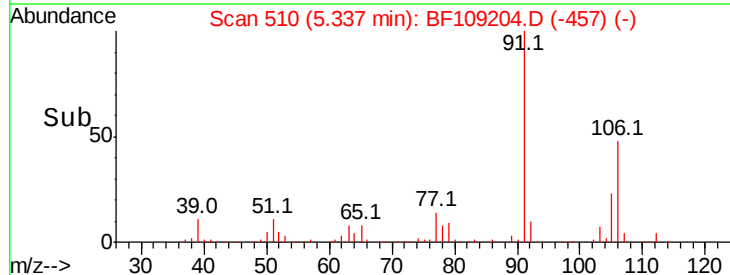
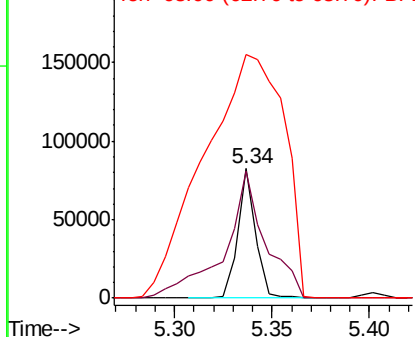
#5

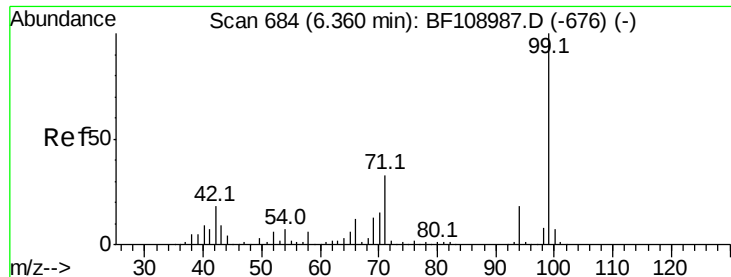
2-Fluorophenol
Concen: 8.793 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion:112 Resp: 52246
Ion Ratio Lower Upper
112 100
64 98.4 47.9 71.9#
63 188.1 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: 13.434 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109204.D

Acq: 21 Sep 2018 1:19

Instrument :

BNA_F

ClientSampleId :

PR-MW-05-091218DL

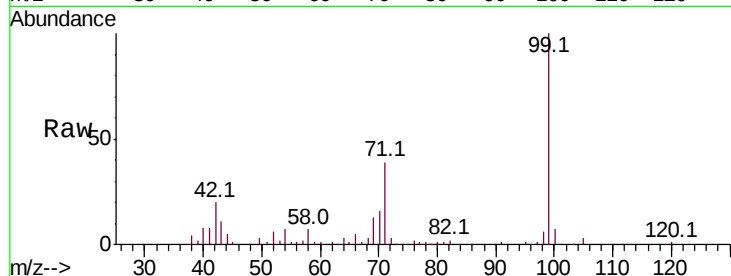
Tot Ion: 99 Resp: 102927

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

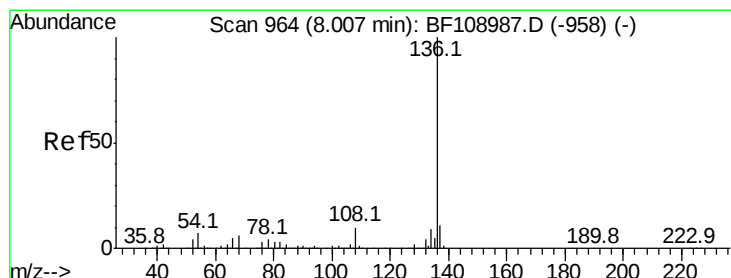
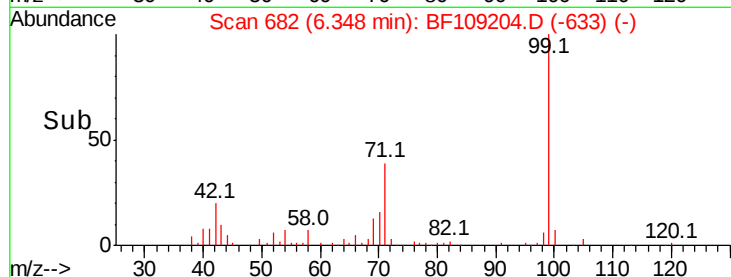
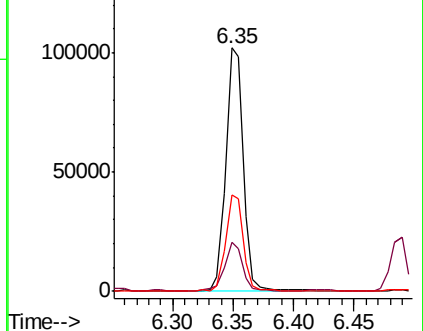
71 39.4 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109204.D

Acq: 21 Sep 2018 1:19

Tgt Ion:136 Resp: 382711

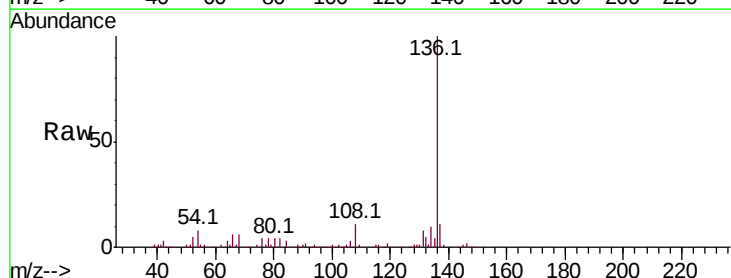
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 6.2 5.0 7.4

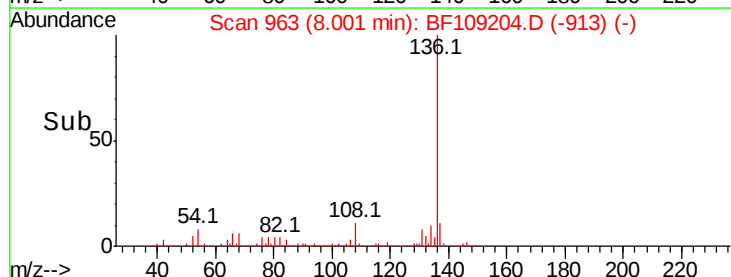
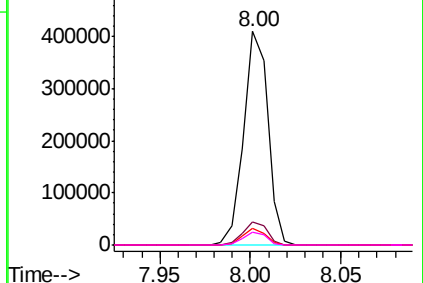


Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 40.401 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109204.D

Acq: 21 Sep 2018 1:19

Instrument :

BNA_F

ClientSampleId :

PR-MW-05-091218DL

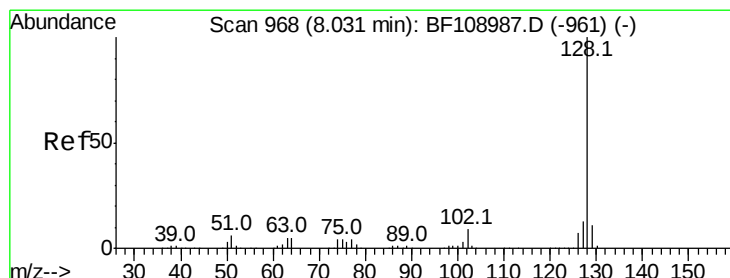
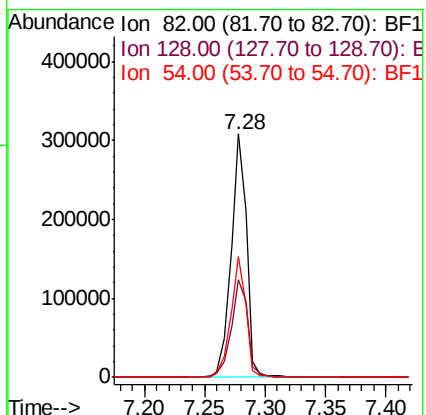
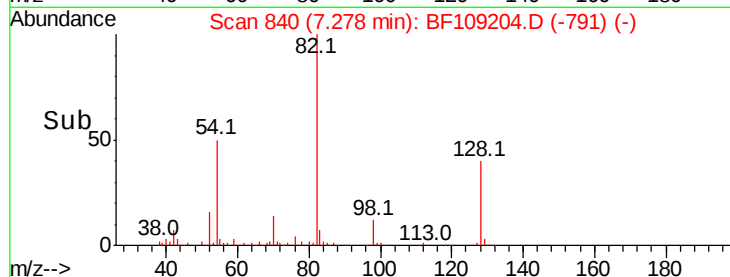
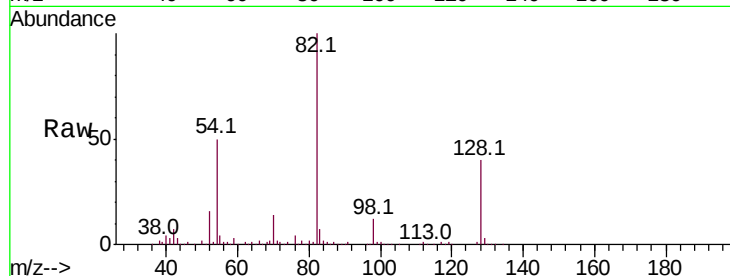
Tot Ion: 82 Resp: 275671

Ion Ratio Lower Upper

82 100

128 39.9 36.1 54.1

54 49.7 41.4 62.2



#31

Naphthalene

Concen: 68.688 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF109204.D

Acq: 21 Sep 2018 1:19

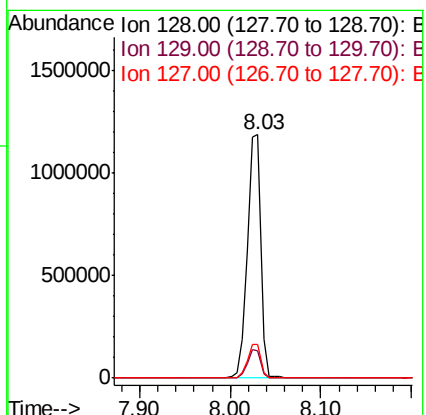
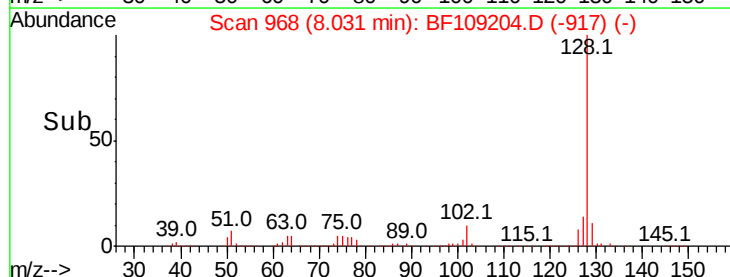
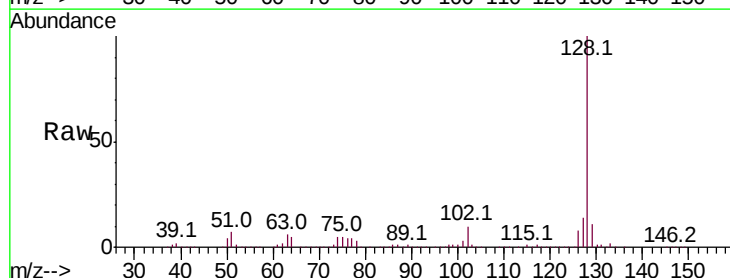
Tgt Ion: 128 Resp: 1220118

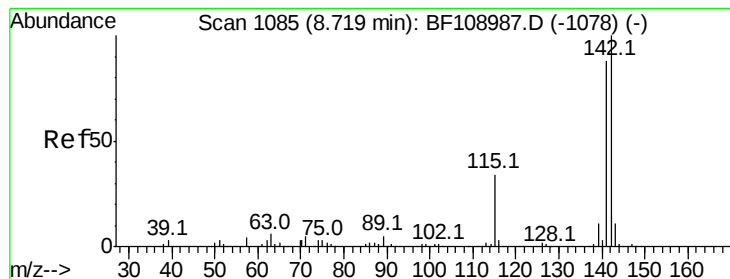
Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.8 10.9 16.3





#37

2-Methylnaphthalene

Concen: 24.622 ng

RT: 8.71 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF109204.D

Acq: 21 Sep 2018 1:19

Instrument :

BNA_F

ClientSampleId :

PR-MW-05-091218DL

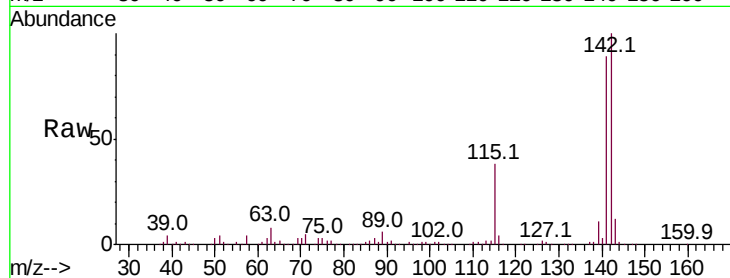
Tot Ion:142 Resp: 285098

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

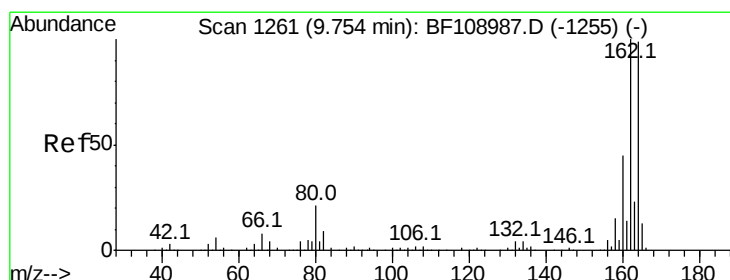
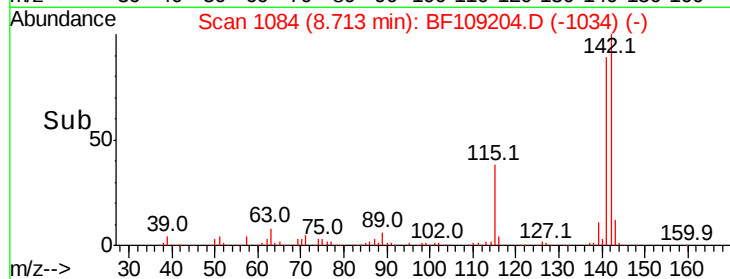
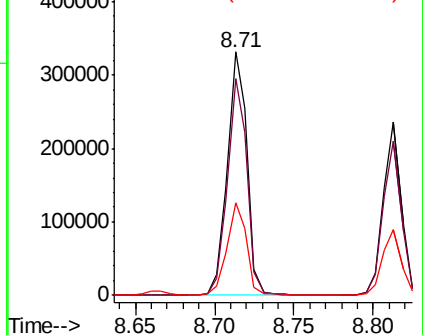
115 38.2 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109204.D

Acq: 21 Sep 2018 1:19

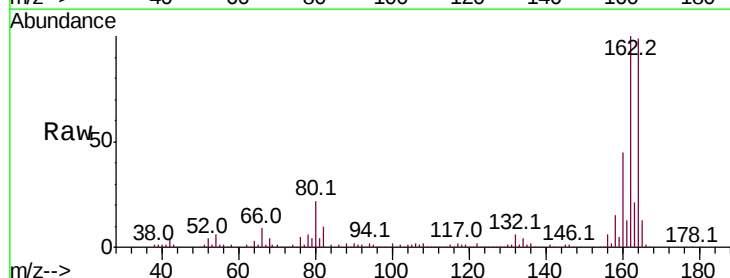
Tgt Ion:164 Resp: 160096

Ion Ratio Lower Upper

164 100

162 101.0 86.1 129.1

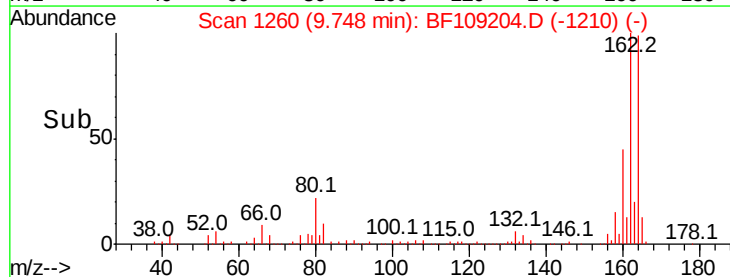
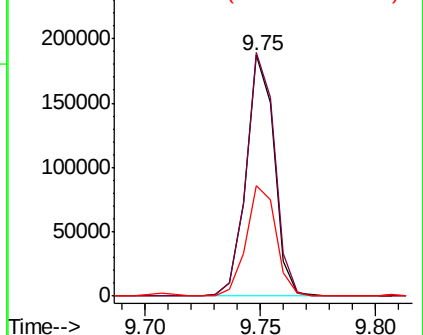
160 45.7 38.3 57.5

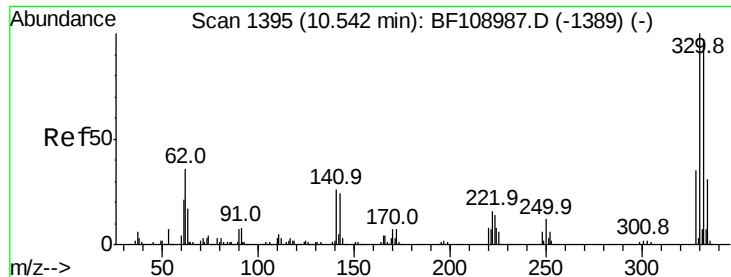


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

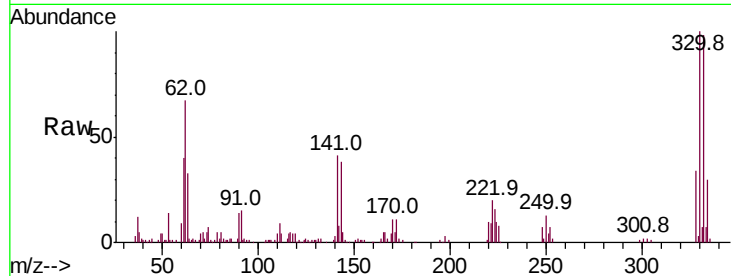




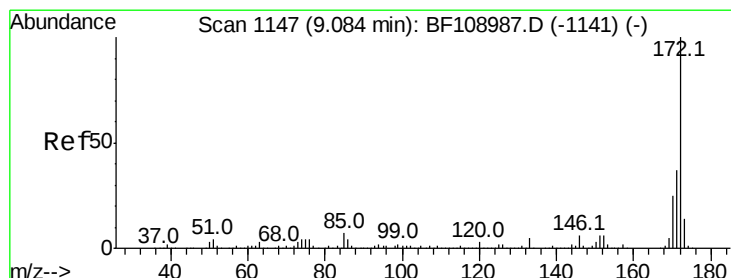
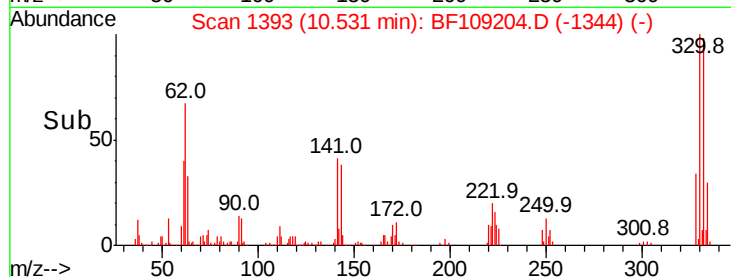
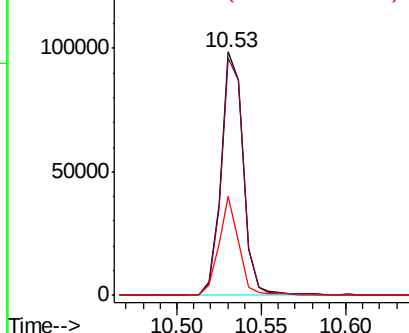
#41
 2,4,6-Tribromophenol
 Concen: 52.037 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109204.D
 Acq: 21 Sep 2018 1:19

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-05-091218DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	36.6	29.9	44.9

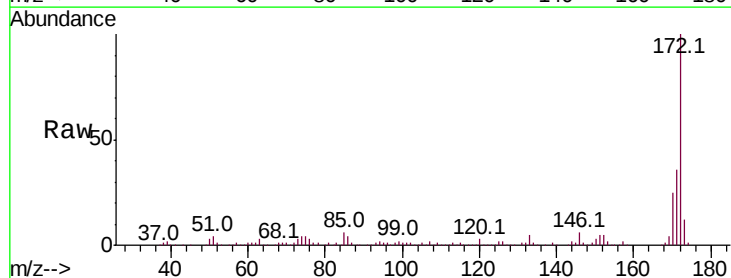


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

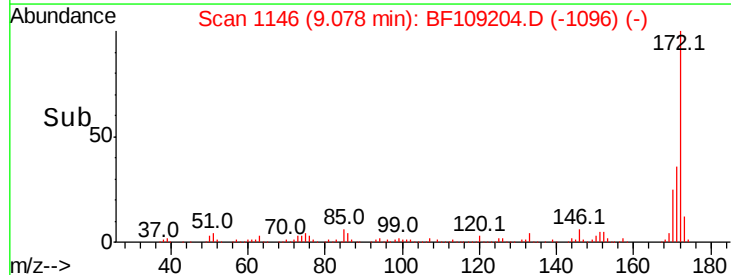
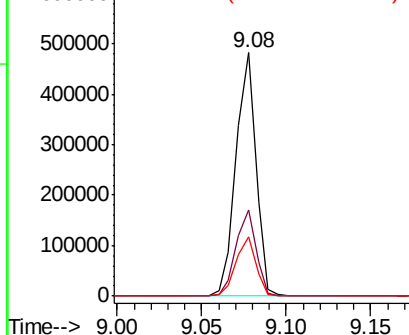


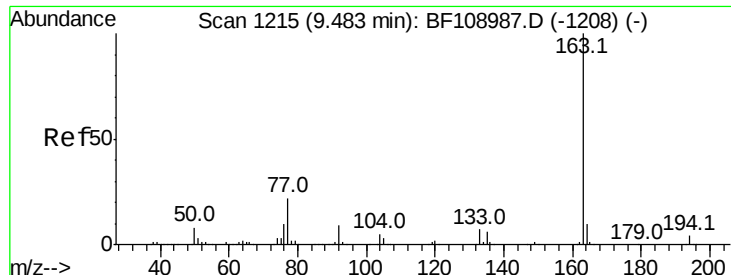
#44
 2-Fluorobiphenyl
 Concen: 39.069 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109204.D
 Acq: 21 Sep 2018 1:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.6	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

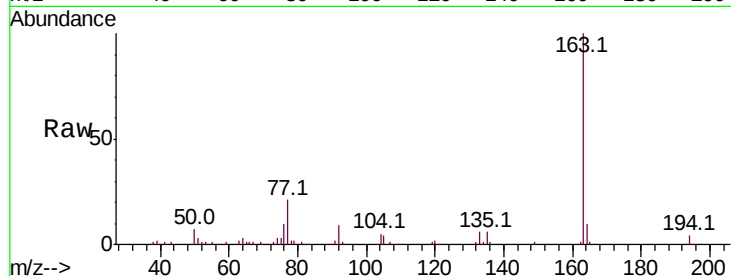




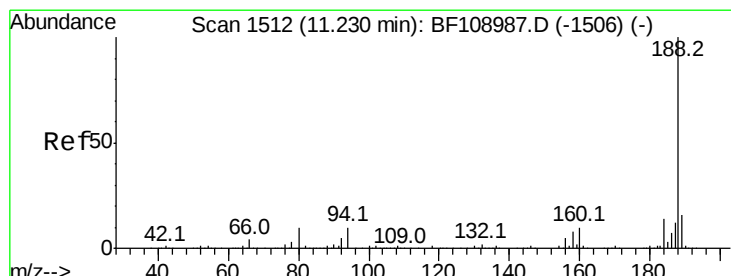
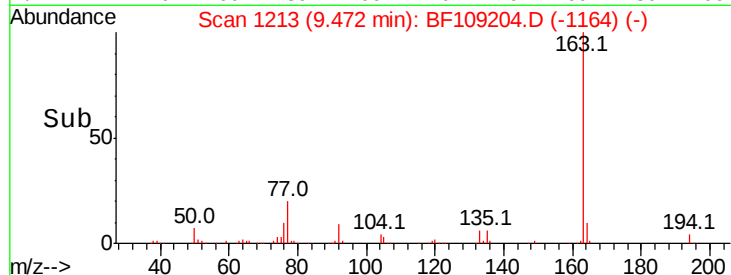
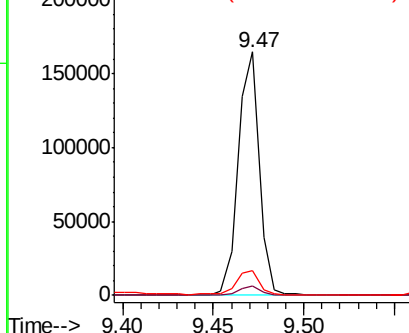
#49
Dimethylphthalate
Concen: 11.684 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :
PR-MW-05-091218DL

Tot Ion:163 Resp: 133695
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2

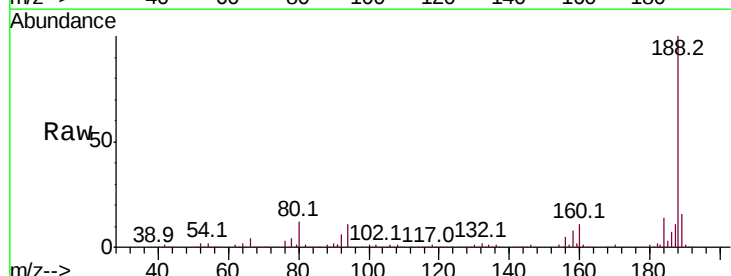


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

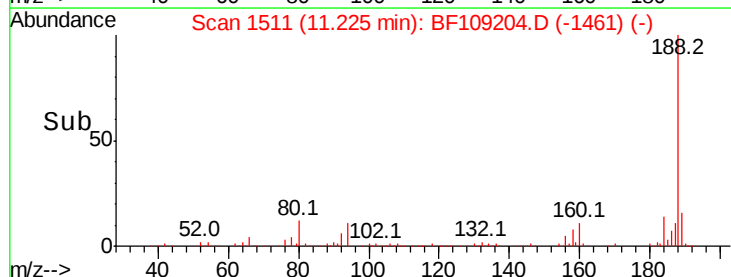
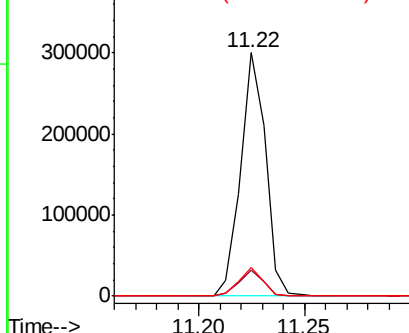


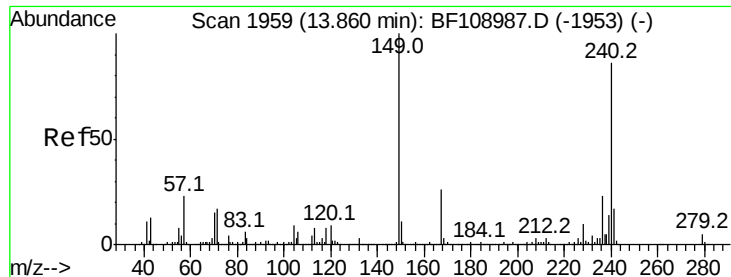
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion:188 Resp: 245662
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.7 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: BF109204.D

Acq: 21 Sep 2018 1:19

Instrument :

BNA_F

ClientSampleId :

PR-MW-05-091218DL

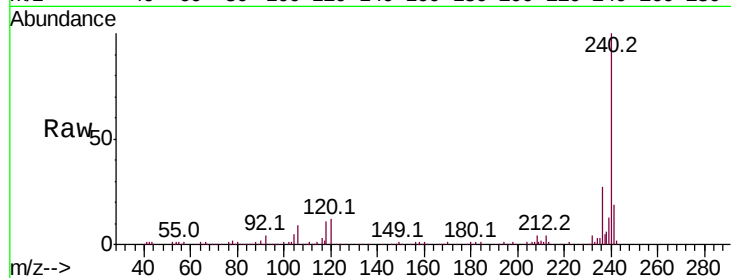
Tot Ion:240 Resp: 190242

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

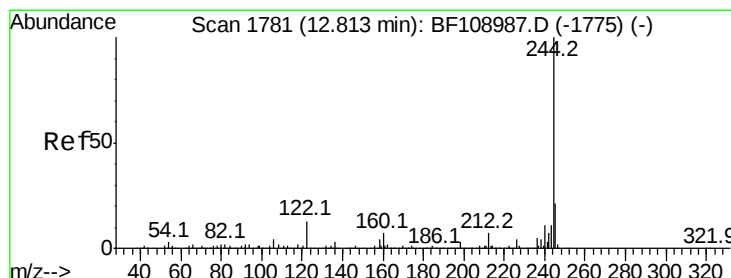
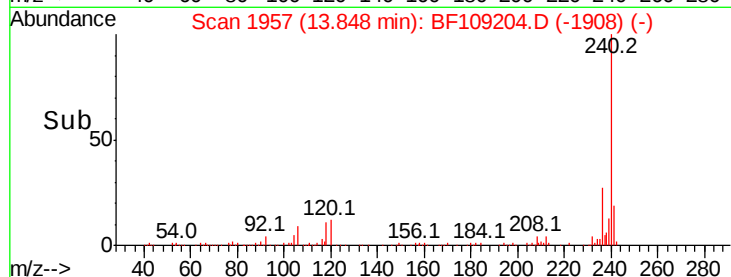
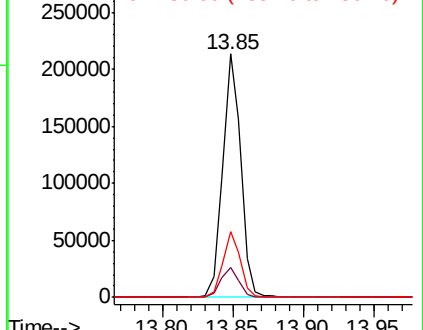
236 26.8 20.7 31.1



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: 38.727 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109204.D

Acq: 21 Sep 2018 1:19

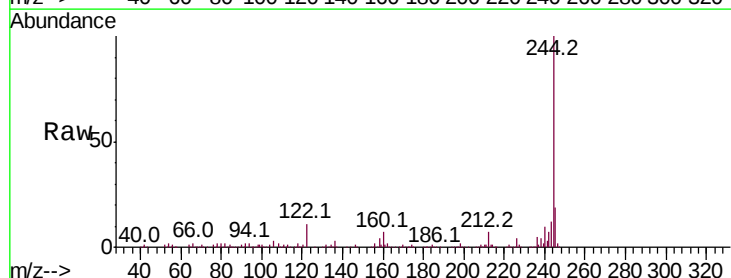
Tgt Ion:244 Resp: 310832

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

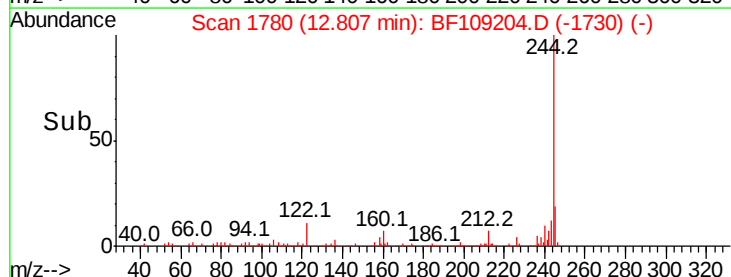
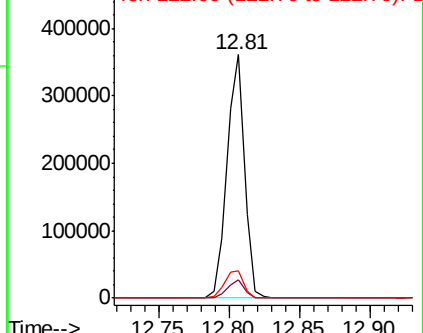
122 11.3 11.0 16.4

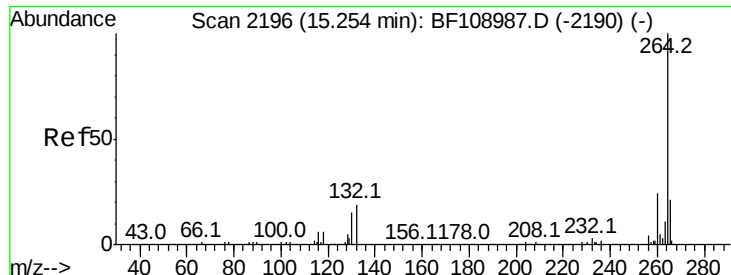


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

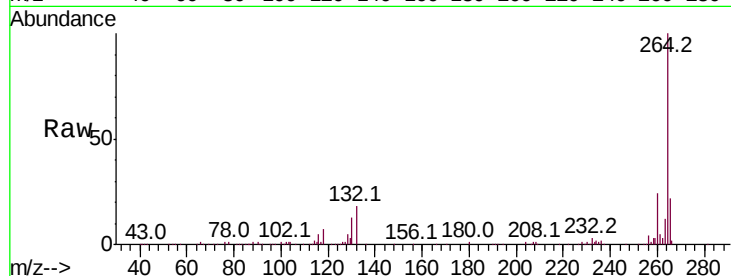




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF109204.D
 Acq: 21 Sep 2018 1:19

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-05-091218DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	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

