

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109236.D
 Acq On : 22 Sep 2018 21:55
 Operator : JU/SJ
 Sample : J4777-31 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:51:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

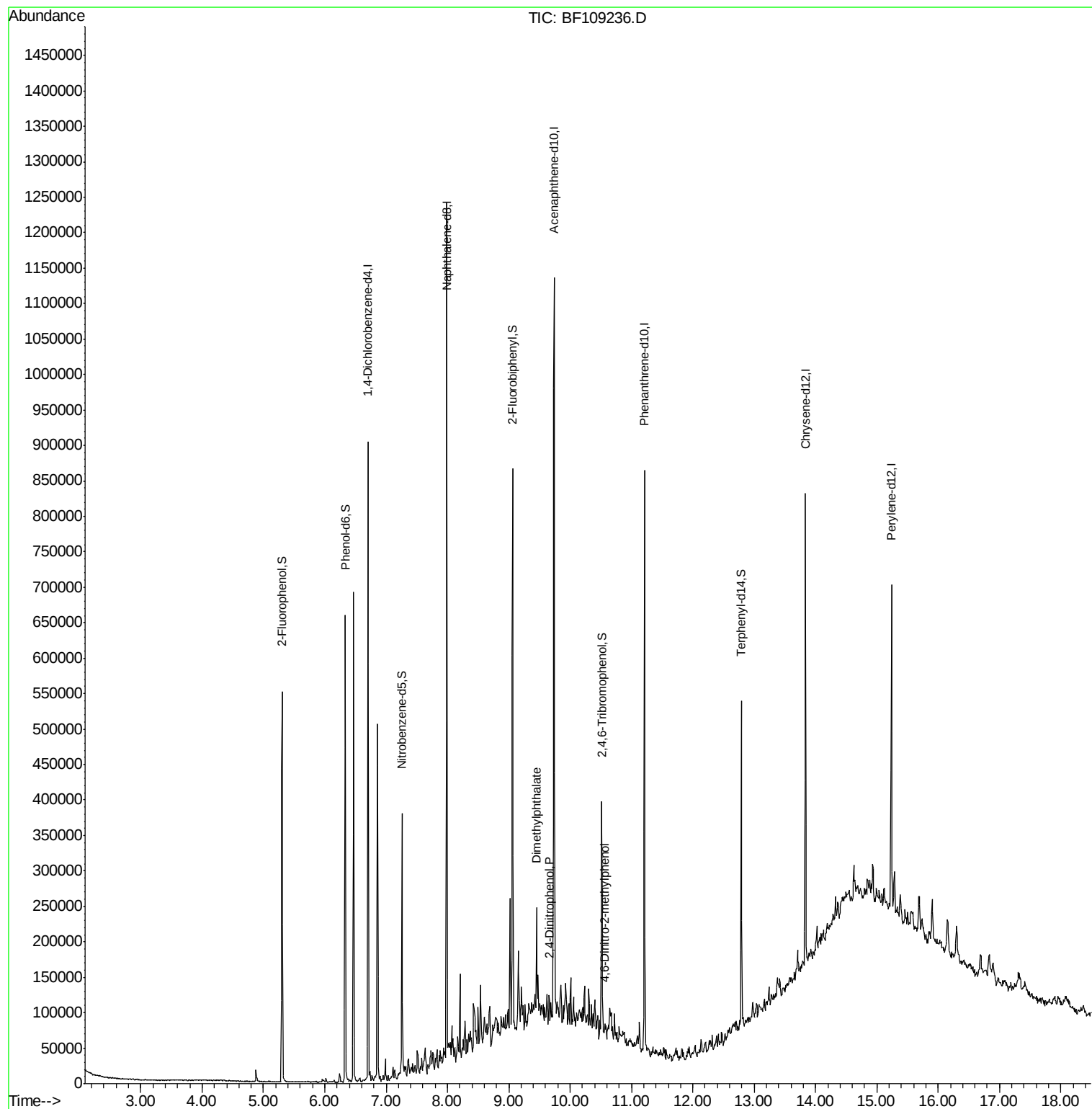
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	118753	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	453101	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	192650	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	301328	20.00	ng	0.00
75) Chrysene-d12	13.84	240	242719	20.00	ng	0.00
86) Perylene-d12	15.24	264	198147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	145503	20.18	ng	-0.01
7) Phenol-d6	6.33	99	189131	20.56	ng	-0.02
23) Nitrobenzene-d5	7.26	82	111416	14.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	31981	16.84	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	211837	16.58	ng	-0.01
78) Terphenyl-d14	12.79	244	144129	14.57	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.46	163	47620	3.398	ng	# 99
53) 2,4-Dinitrophenol	9.67	184	401	8.866	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	457	6.847	ng	# 17

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

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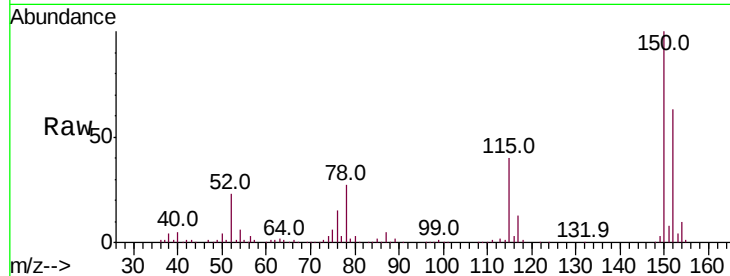


#1

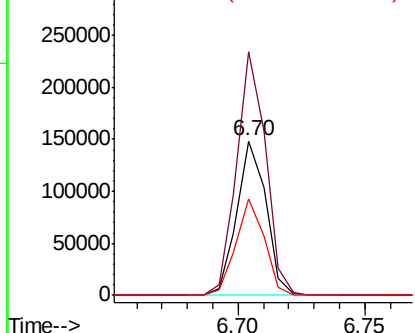
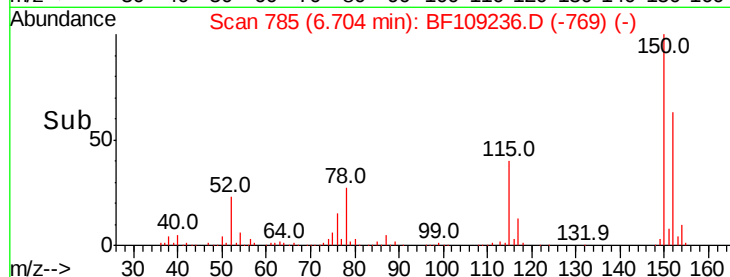
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109236.D
 Acq: 22 Sep 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 118753
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 62.8 50.1 75.1



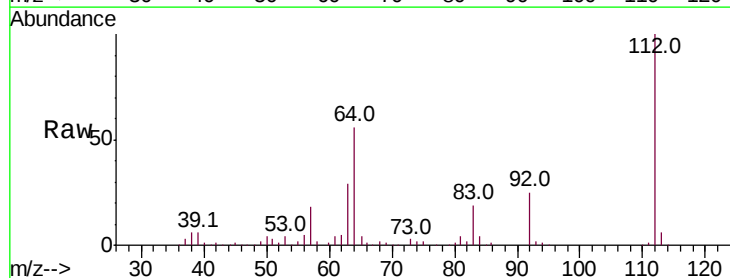
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



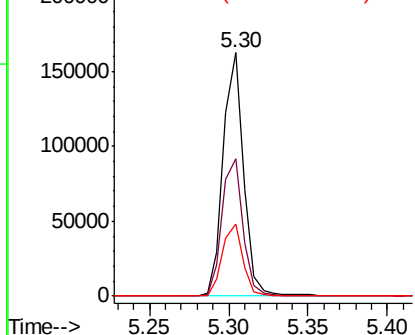
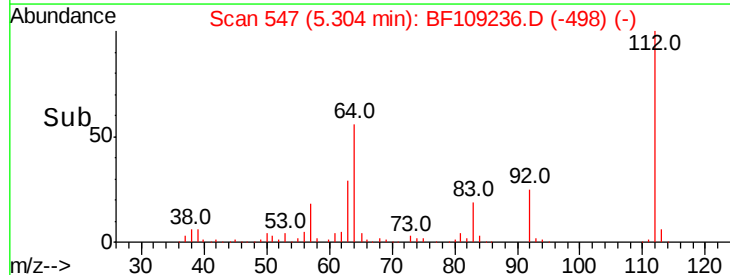
#5

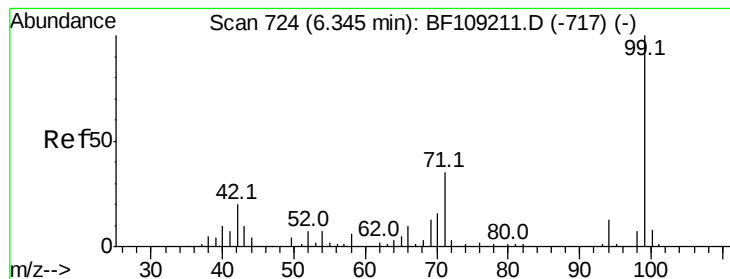
2-Fluorophenol
 Concen: 20.181 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF109236.D
 Acq: 22 Sep 2018 21:55

Tgt Ion:112 Resp: 145503
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.9 71.9
 63 29.4 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: 20.557 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF109236.D

Acq: 22 Sep 2018 21:55

Instrument :

BNA_F

ClientSampleId :

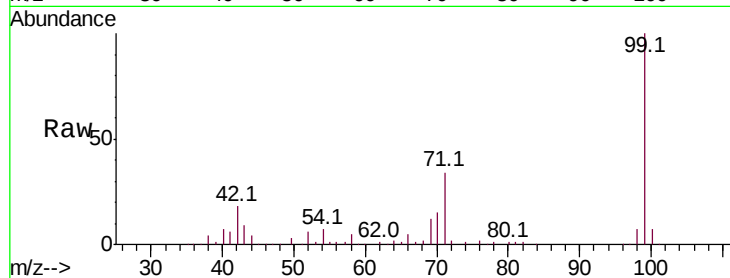
Tot Ion: 99 Resp: 189131

Ion Ratio Lower Upper

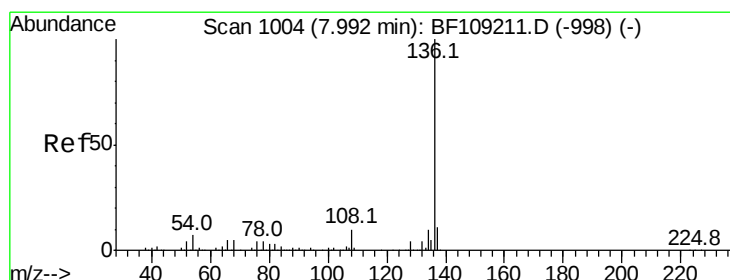
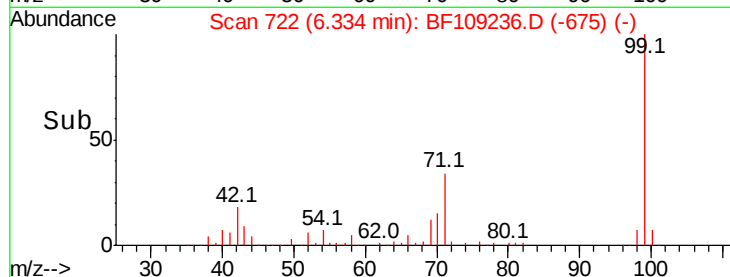
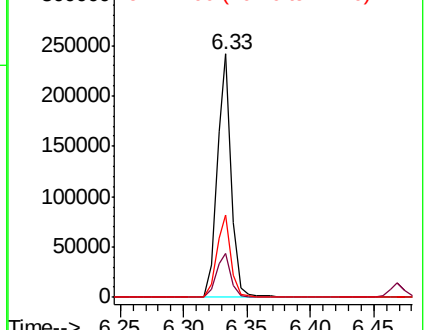
99 100

42 18.0 14.5 21.7

71 33.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109236.D

Acq: 22 Sep 2018 21:55

Tgt Ion: 136 Resp: 453101

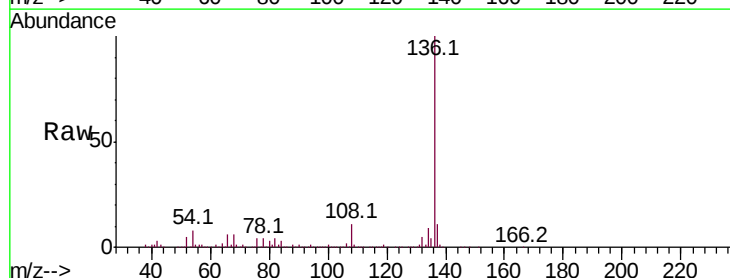
Ion Ratio Lower Upper

136 100

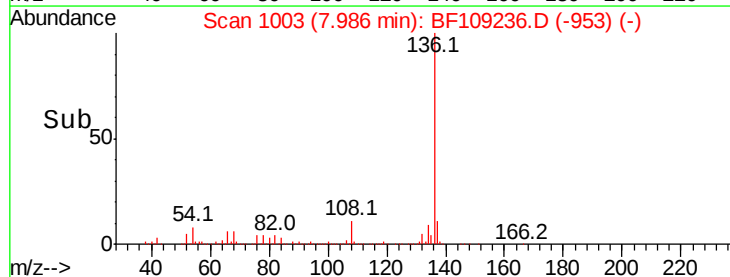
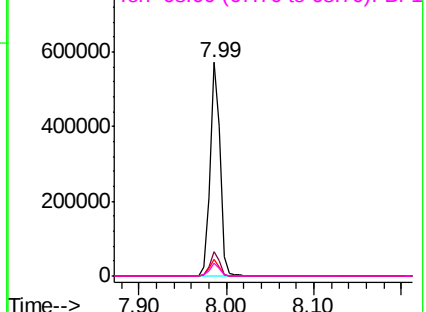
137 11.3 8.9 13.3

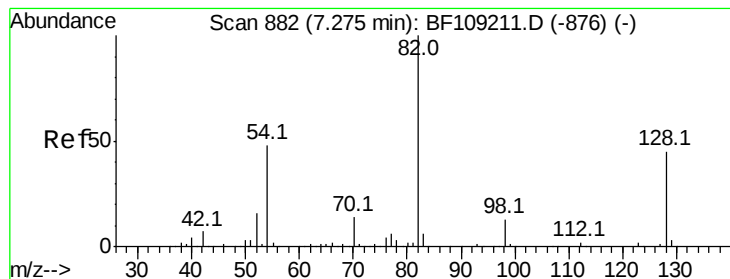
54 7.7 6.6 9.8

68 6.1 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: 14.516 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109236.D

Acq: 22 Sep 2018 21:55

Instrument :

BNA_F

ClientSampleId :

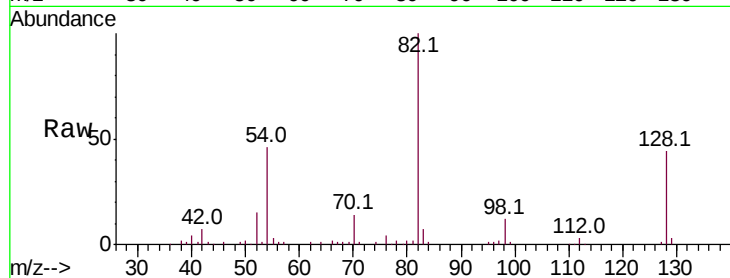
Tot Ion: 82 Resp: 111416

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

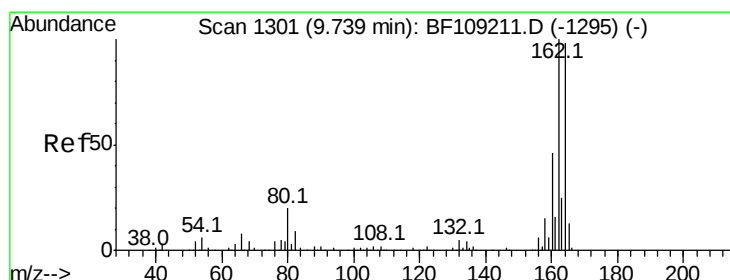
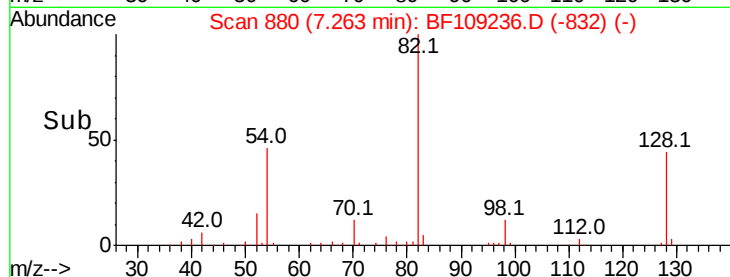
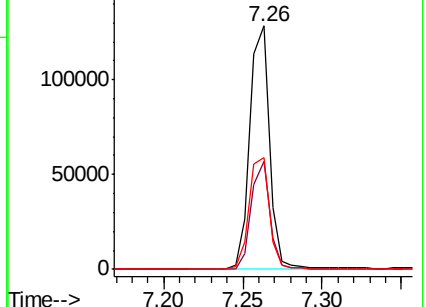
54 46.1 41.4 62.2



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: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109236.D

Acq: 22 Sep 2018 21:55

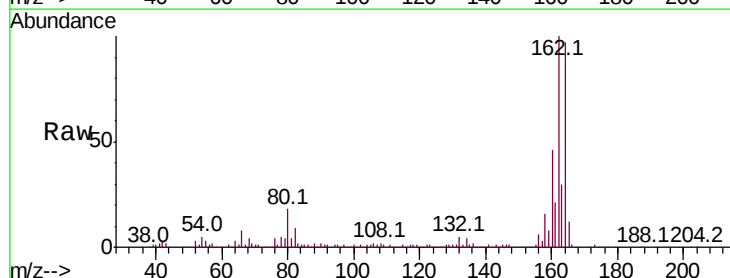
Tgt Ion:164 Resp: 192650

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

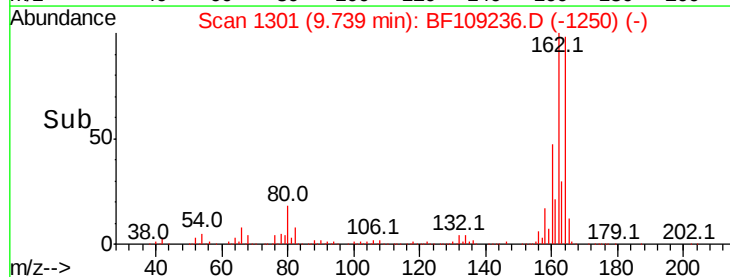
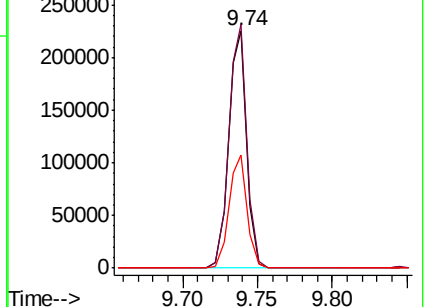
160 47.6 38.3 57.5



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

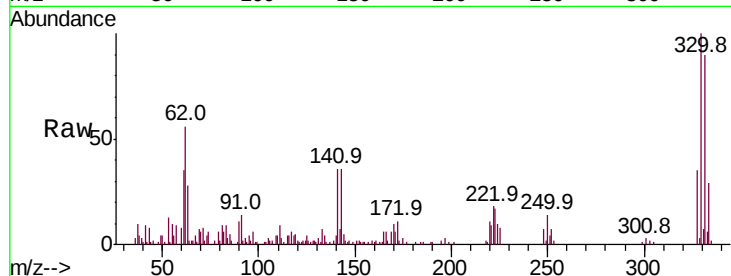




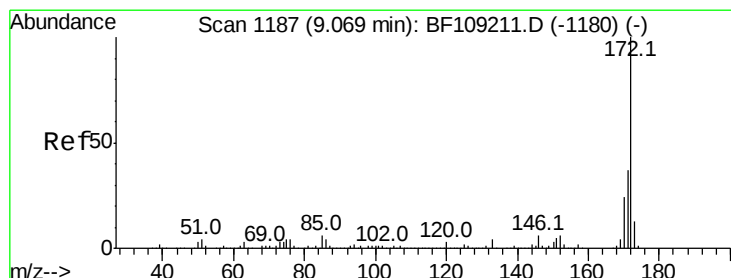
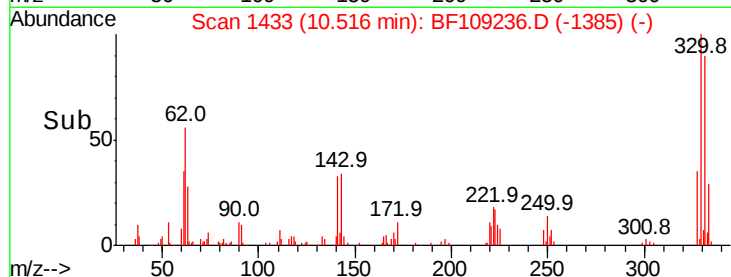
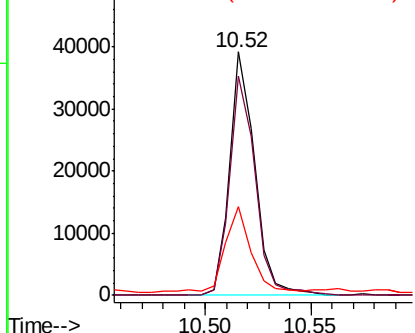
#41
 2,4,6-Tribromophenol
 Concen: 16.840 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109236.D
 Acq: 22 Sep 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 31981
 Ion Ratio Lower Upper
 330 100
 332 93.0 77.0 115.6
 141 38.1 29.9 44.9

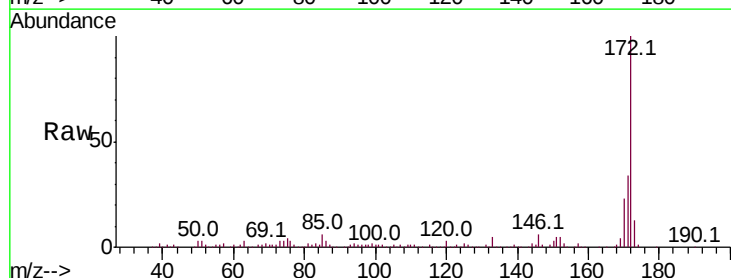


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

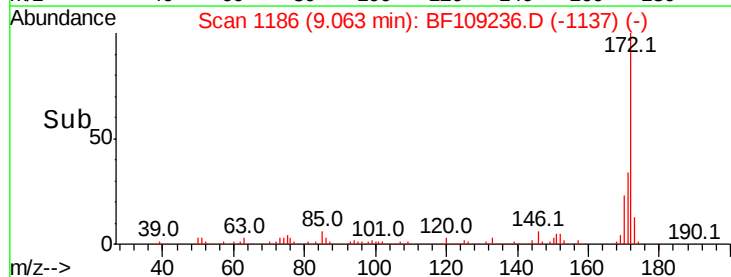
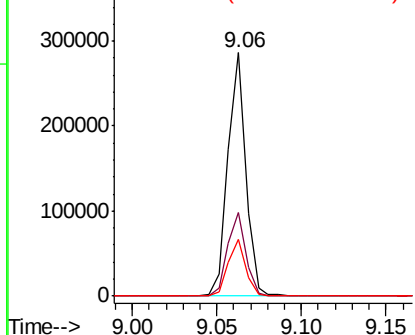


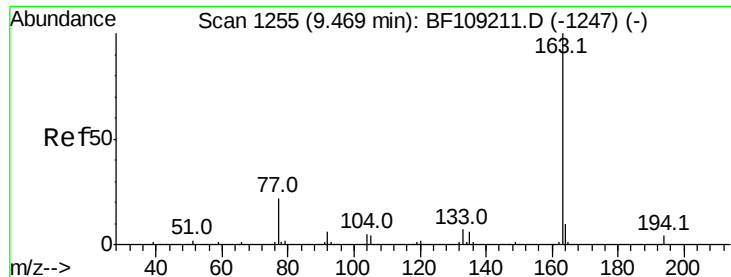
#44
 2-Fluorobiphenyl
 Concen: 16.584 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109236.D
 Acq: 22 Sep 2018 21:55

Tgt Ion:172 Resp: 211837
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.7 44.5
 170 23.4 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

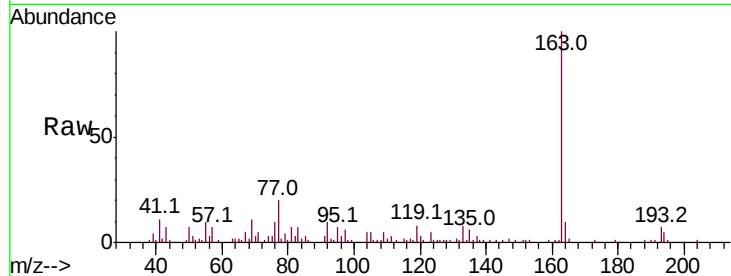




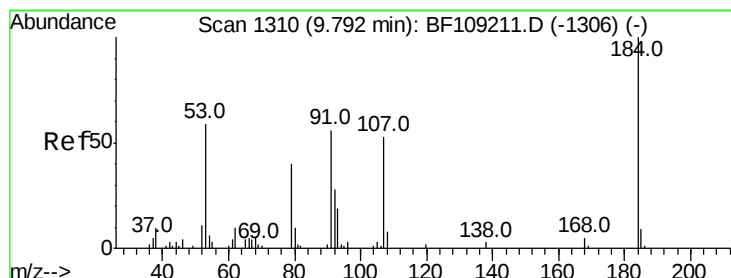
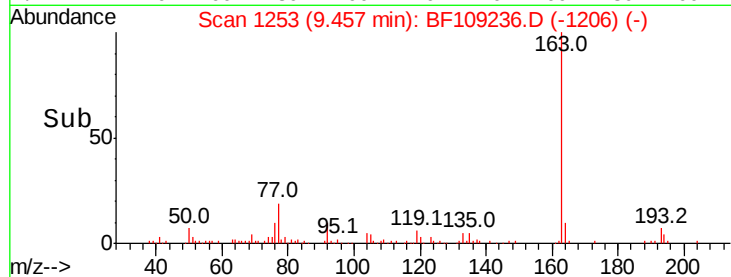
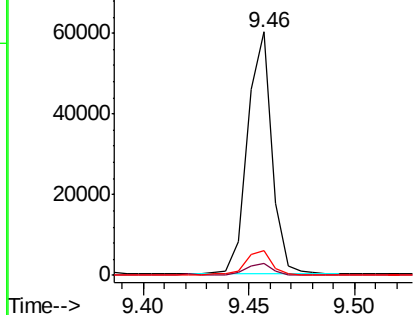
#49
 Dimethylphthalate
 Concen: 3.398 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109236.D
 Acq: 22 Sep 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163	Resp:	47620
Ion Ratio	Lower	Upper
163	100	
194	5.0	2.7 4.1#
164	10.3	8.2 12.2

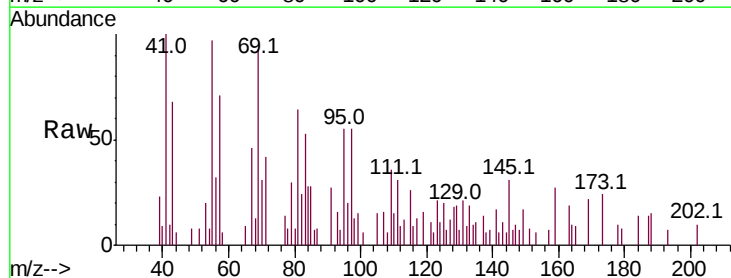


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

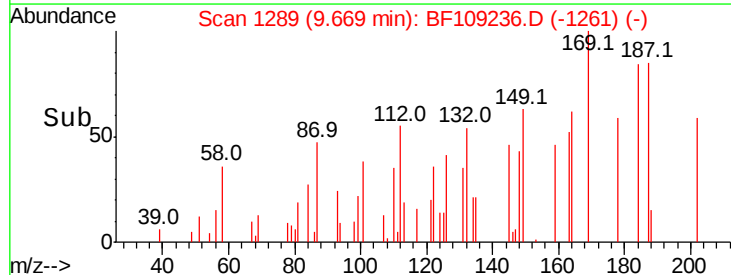
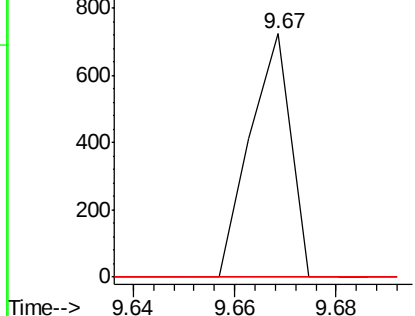


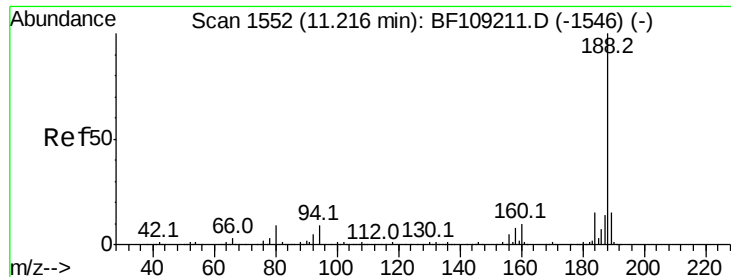
#53
 2,4-Dinitrophenol
 Concen: 8.866 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.13 min
 Lab File: BF109236.D
 Acq: 22 Sep 2018 21:55

Tgt Ion:184	Resp:	401
Ion Ratio	Lower	Upper
184	100	
63	0.0	54.2 81.2#
154	0.0	184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

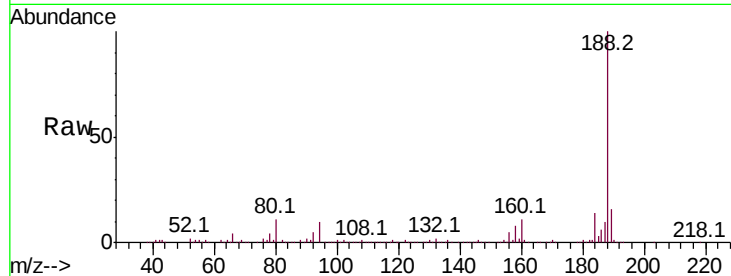




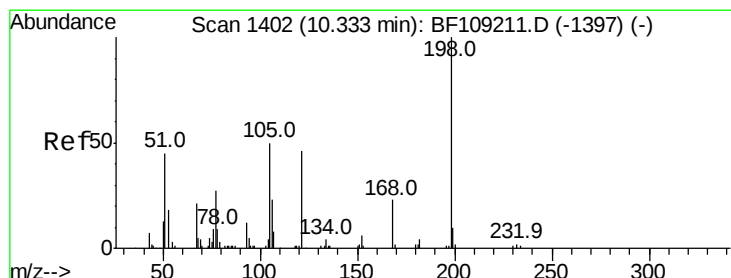
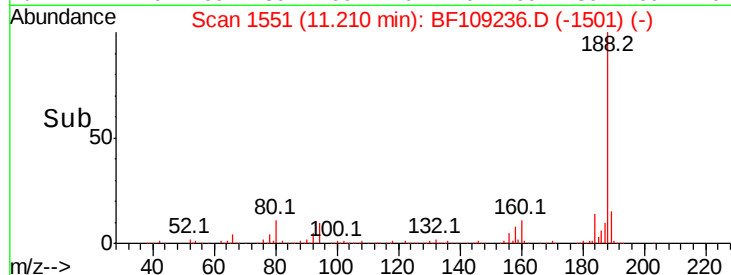
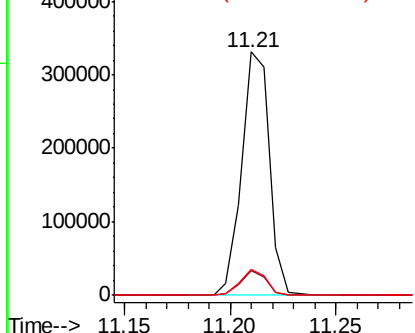
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109236.D
Acq: 22 Sep 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 301328
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.7 9.2 13.8

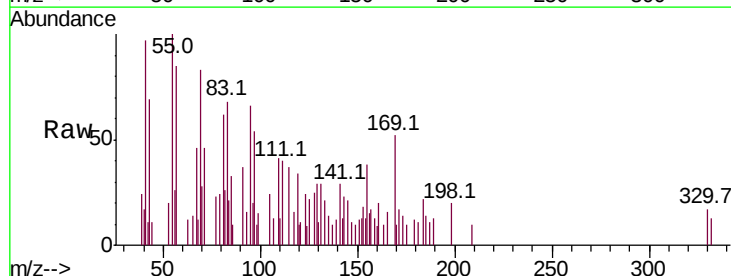


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

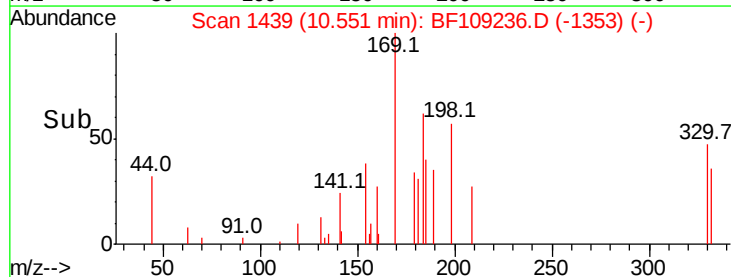
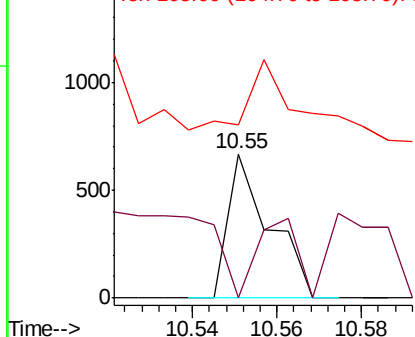


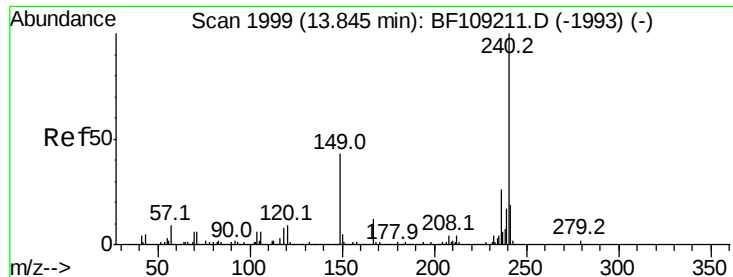
#64
4,6-Dinitro-2-methylphenol
Concen: 6.847 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.21 min
Lab File: BF109236.D
Acq: 22 Sep 2018 21:55

Tgt Ion:198 Resp: 457
Ion Ratio Lower Upper
198 100
51 0.0 37.7 77.7#
105 120.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109236.D

Acq: 22 Sep 2018 21:55

Instrument :

BNA_F

ClientSampleId :

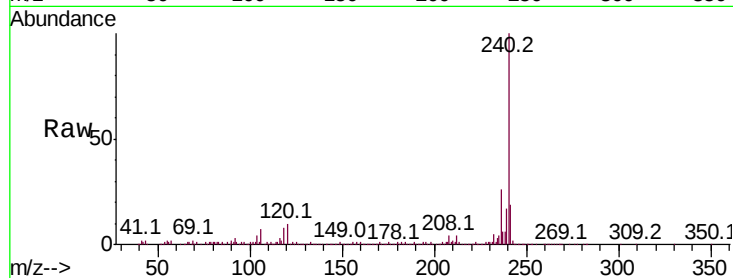
Tot Ion:240 Resp: 242719

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

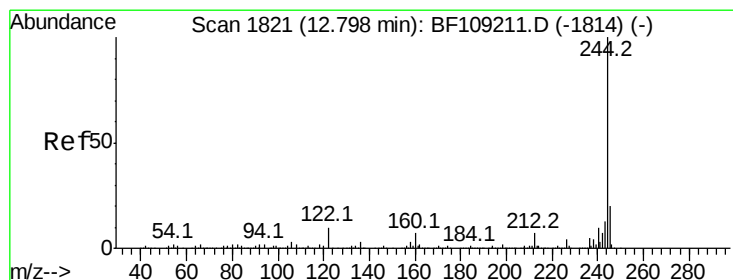
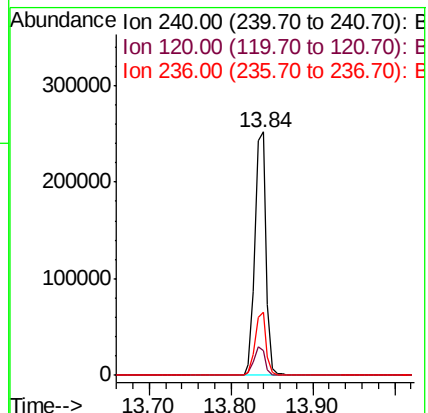
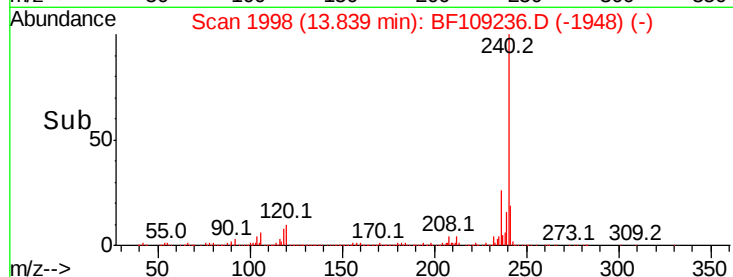
236 25.9 20.7 31.1



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: 14.573 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109236.D

Acq: 22 Sep 2018 21:55

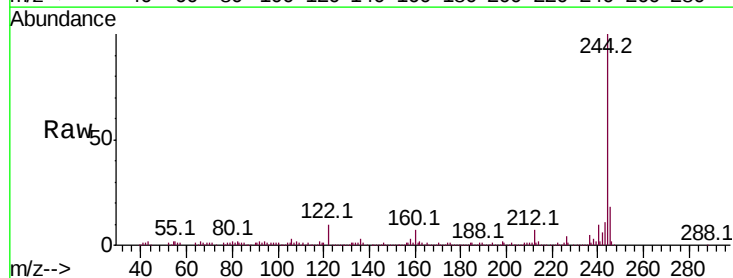
Tgt Ion:244 Resp: 144129

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

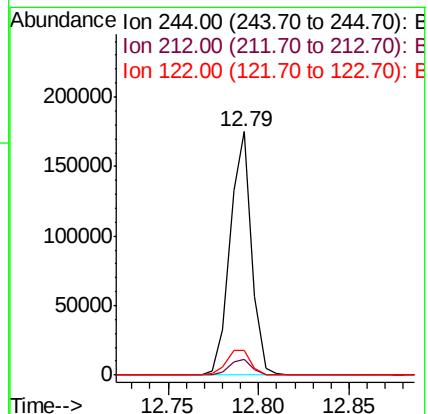
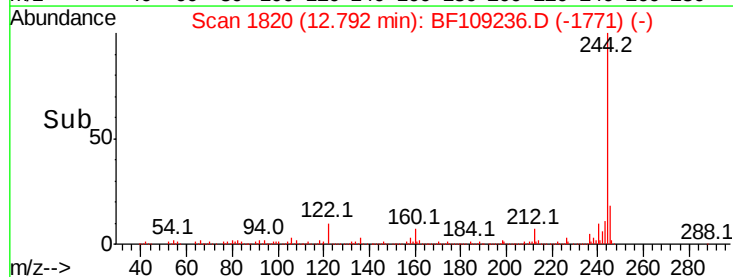
122 10.0 11.0 16.4#

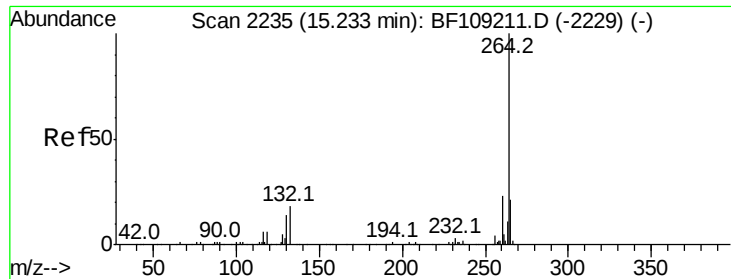


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109236.D
Acq: 22 Sep 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.5	17.5	26.3

