

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108603.D
 Acq On : 29 Aug 2018 14:38
 Operator : JU/SJ
 Sample : J4621-10 100X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 15:59:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

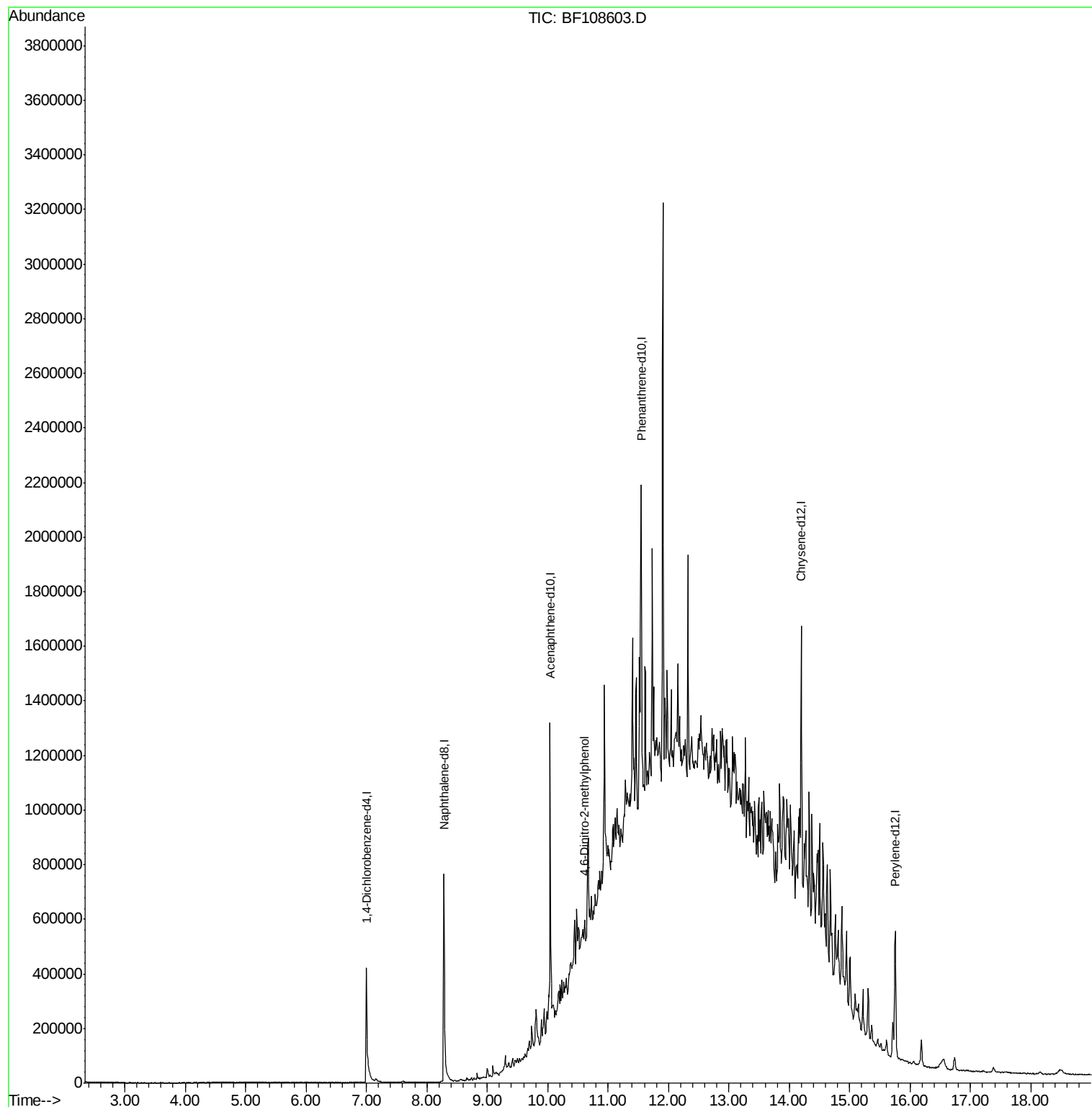
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	111403	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	497954	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	238659	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	426516	20.00	ng	0.00
75) Chrysene-d12	14.19	240	259124	20.00	ng	0.00
86) Perylene-d12	15.75	264	253248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.59	82	4119	0.46	ng	0.02
41) 2,4,6-Tribromophenol	10.84	330	1105	0.46	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	9542	0.64	ng	-0.01
78) Terphenyl-d14	13.12	244	10169	1.00	ng	0.00
Target Compounds						
64) 4,6-Dinitro-2-methylphenol	10.61	198	146	5.440	ng	Qvalue # 1

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

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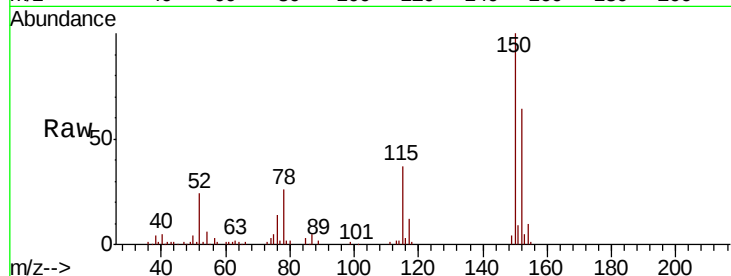


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108603.D
Acq: 29 Aug 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
150	155.5	124.6	186.8	
115	58.0	50.1	75.1	

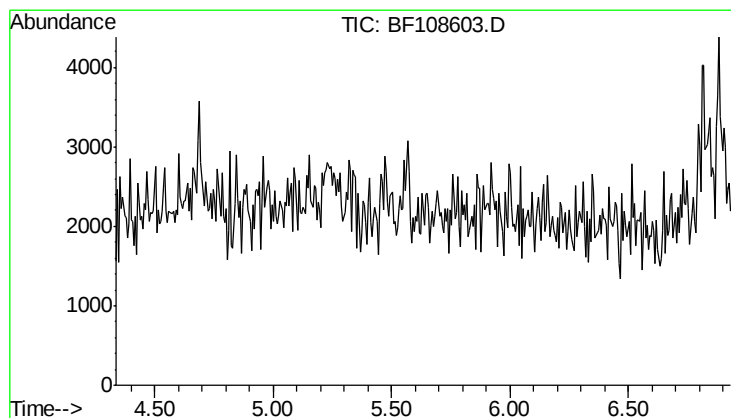
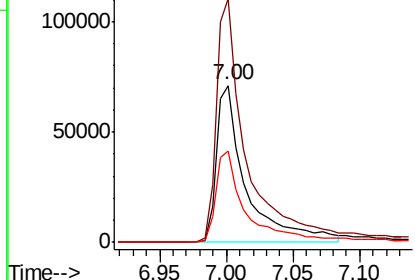
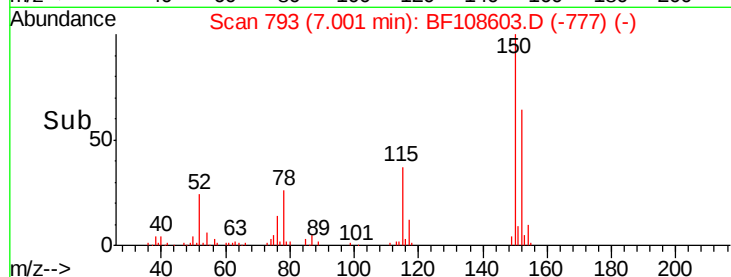


Abundance

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

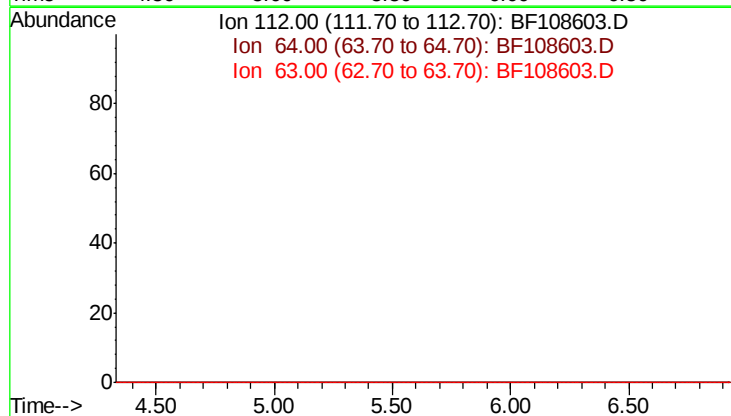


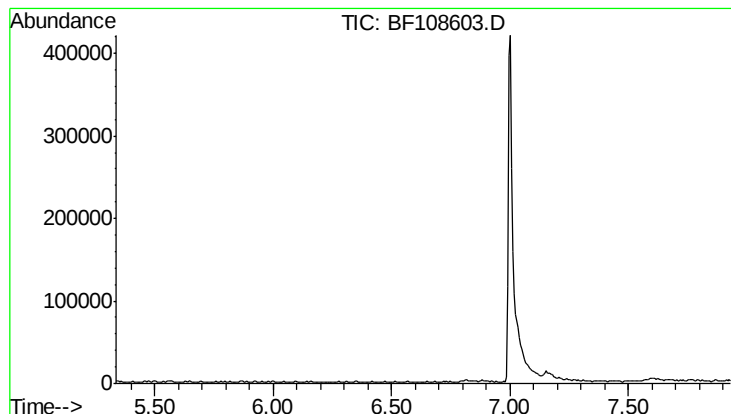
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.63 min

Lab File: BF108603.D
Acq: 29 Aug 2018 14:38

Tgt Ion	Sig	Exp Ratio
112	100	
64	59.9	
63	29.6	

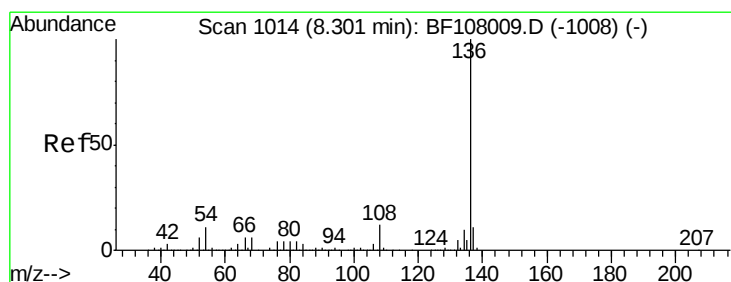
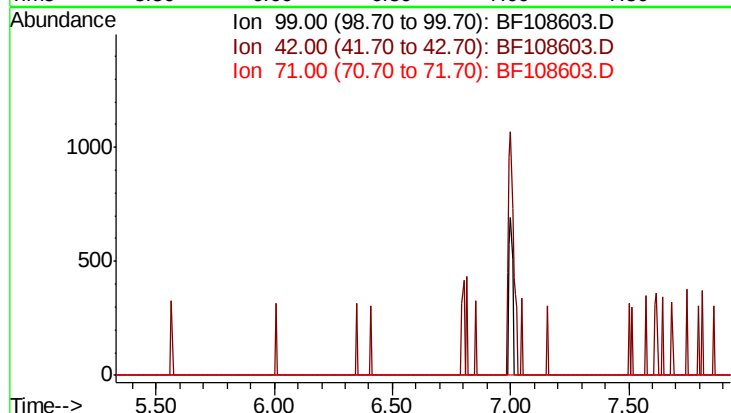




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.63 min
 Lab File: BF108603.D
 Acq: 29 Aug 2018 14:38

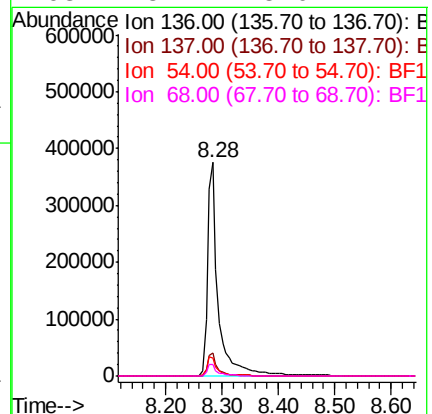
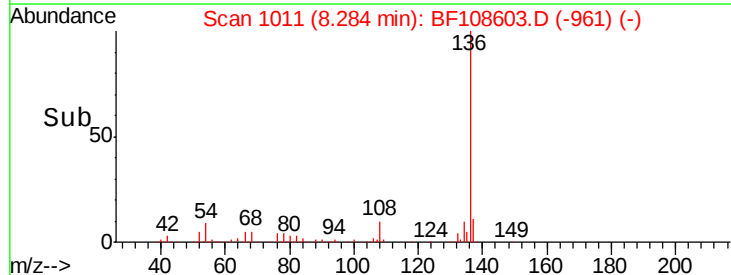
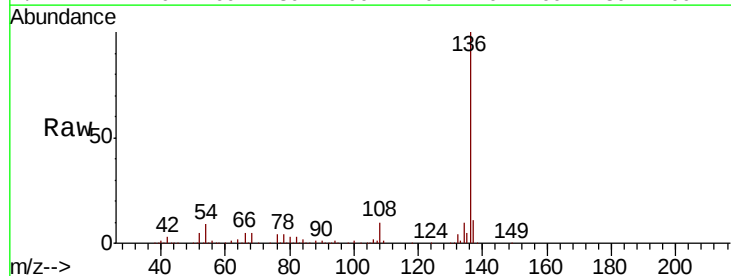
Instrument :
 BNA_F
 ClientSampleId :

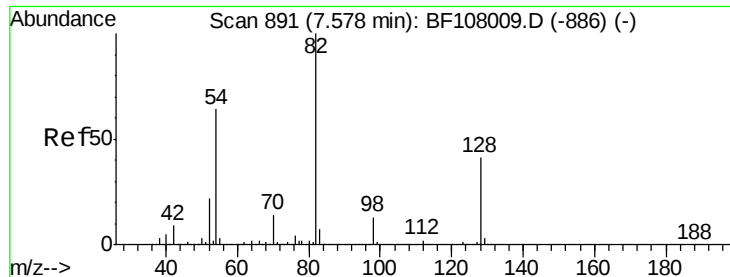
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 18.1
 71 31.7



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF108603.D
 Acq: 29 Aug 2018 14:38

Tgt Ion: 136 Resp: 497954
 Ion Ratio Lower Upper
 136 100
 137 10.6 8.9 13.3
 54 8.7 6.6 9.8
 68 5.2 5.0 7.4

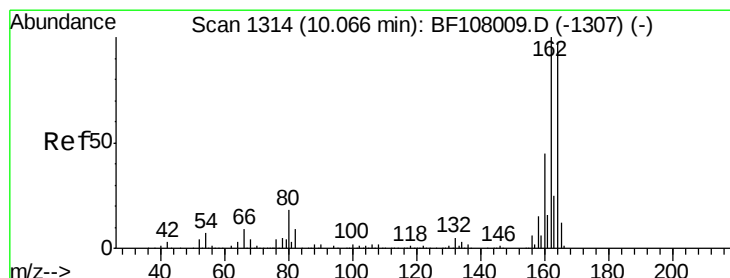
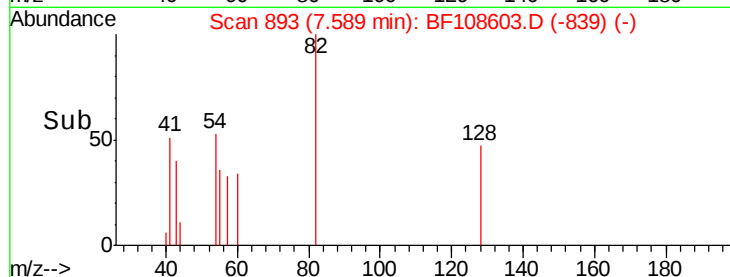
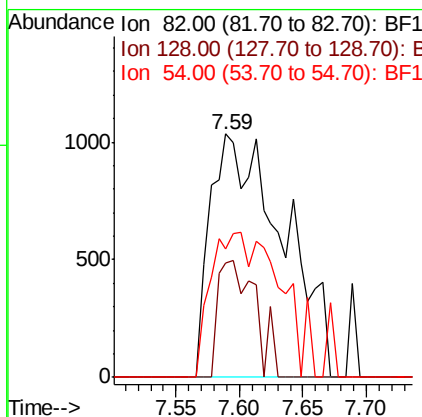
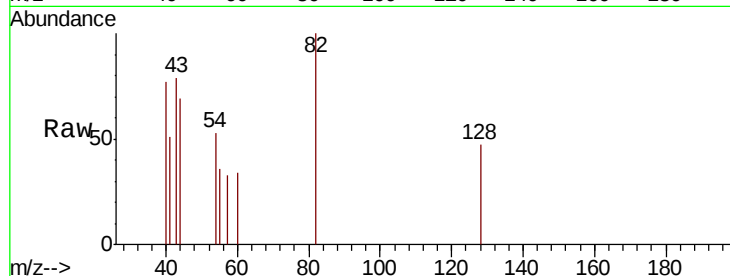




#23
 Nitrobenzene-d5
 Concen: 0.462 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.02 min
 Lab File: BF108603.D
 Acq: 29 Aug 2018 14:38

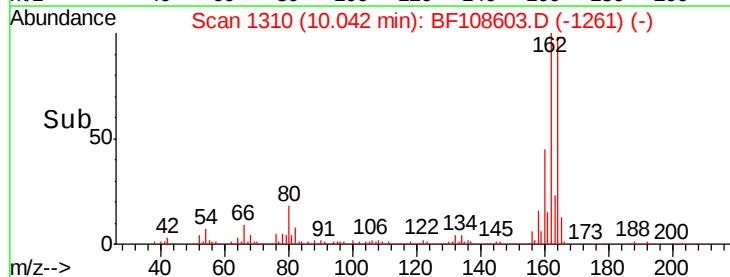
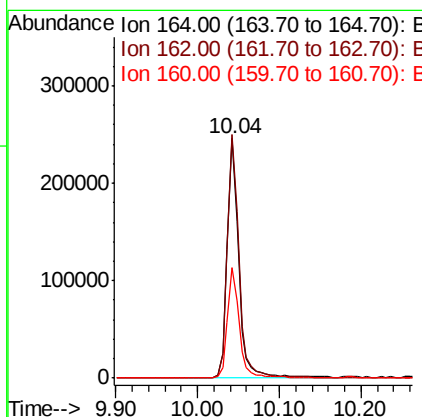
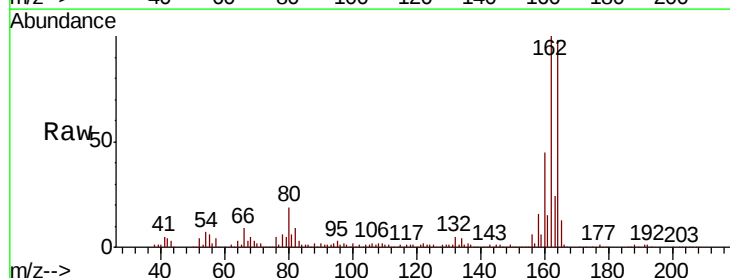
Instrument :
 BNA_F
 ClientSampleId :

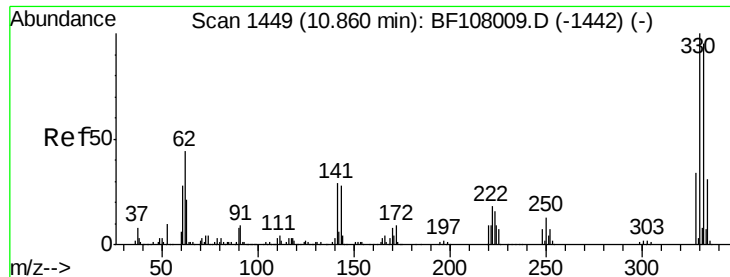
Tot Ion: 82 Resp: 4119
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.1 54.1
 54 52.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108603.D
 Acq: 29 Aug 2018 14:38

Tgt Ion:164 Resp: 238659
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 46.0 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 0.464 ng

RT: 10.84 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF108603.D

Acq: 29 Aug 2018 14:38

Instrument :

BNA_F

ClientSampled :

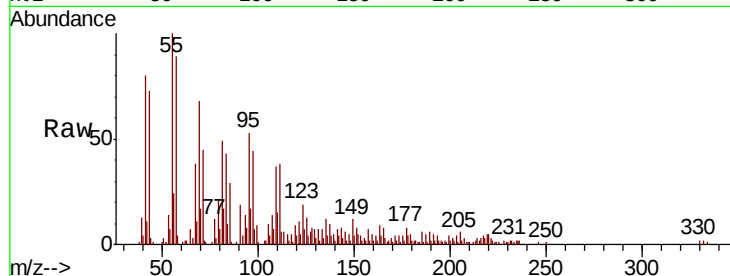
Tot Ion:330 Resp: 1105

Ion Ratio Lower Upper

330 100

332 101.5 77.0 115.6

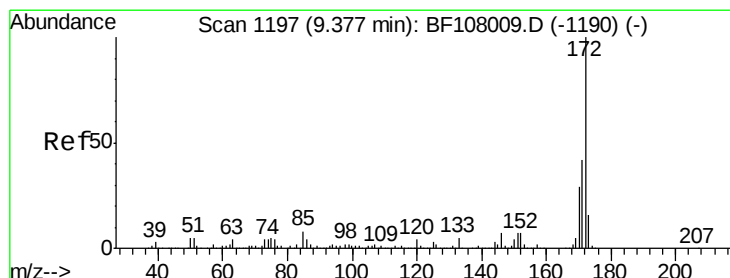
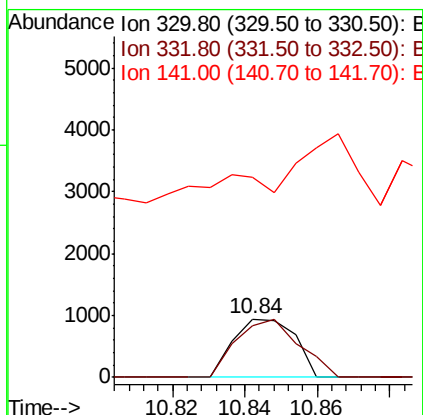
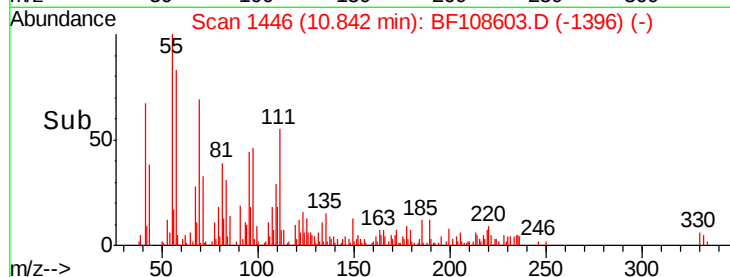
141 0.0 29.9 44.9#



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: 0.642 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108603.D

Acq: 29 Aug 2018 14:38

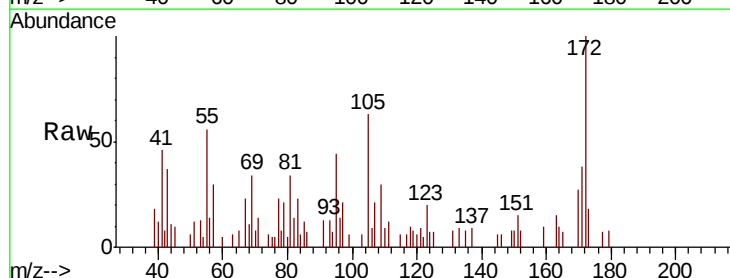
Tgt Ion:172 Resp: 9542

Ion Ratio Lower Upper

172 100

171 38.0 29.7 44.5

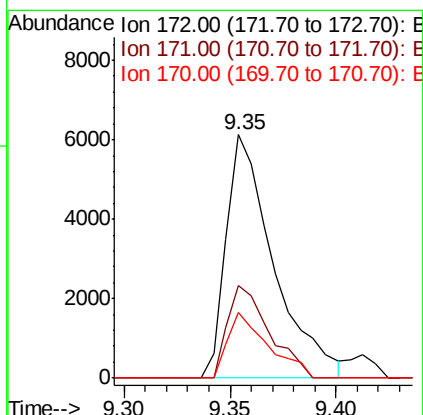
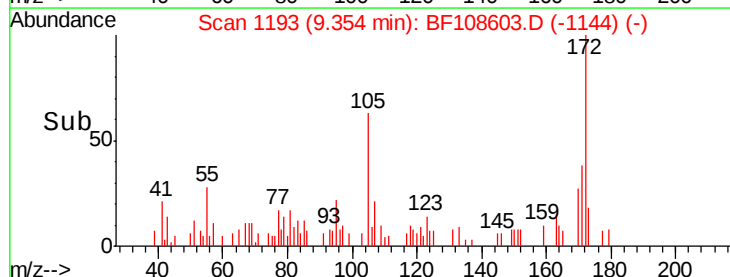
170 26.8 19.6 29.4

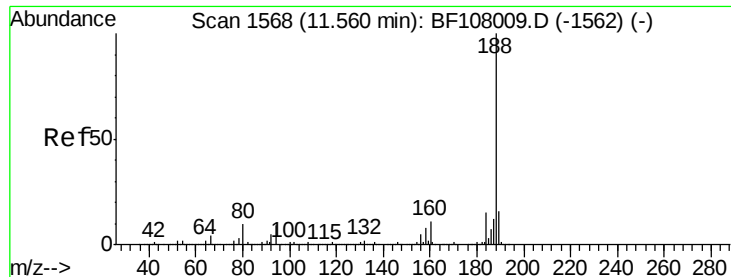


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108603.D

Acq: 29 Aug 2018 14:38

Instrument :

BNA_F

ClientSampled :

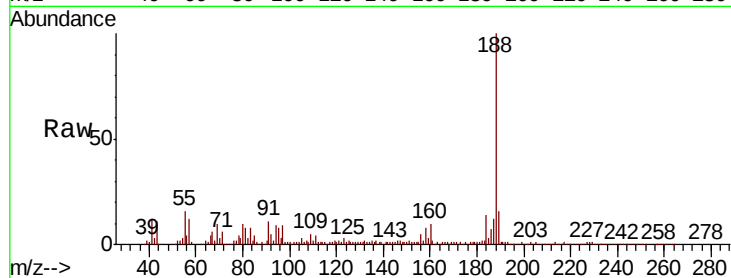
Tot Ion:188 Resp: 426516

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

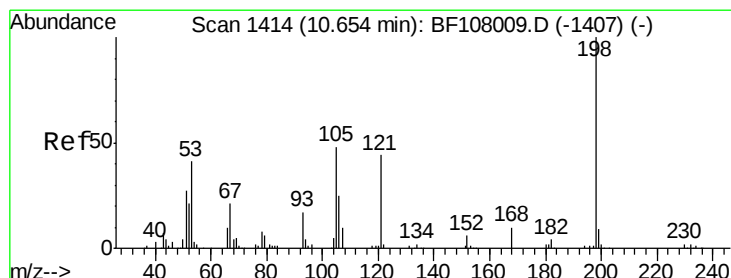
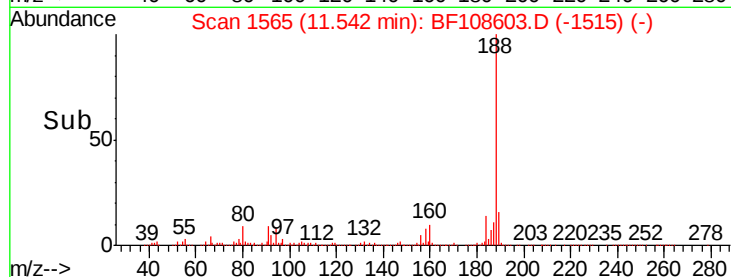
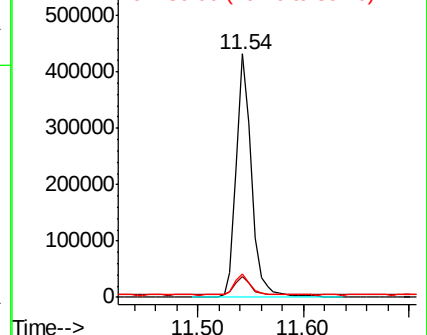
80 9.6 9.2 13.8



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: 5.440 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.04 min

Lab File: BF108603.D

Acq: 29 Aug 2018 14:38

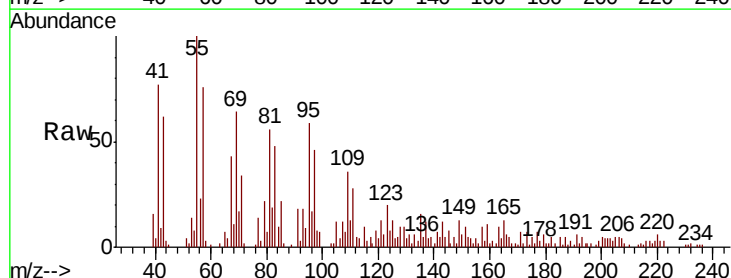
Tgt Ion:198 Resp: 146

Ion Ratio Lower Upper

198 100

51 309.2 37.7 77.7#

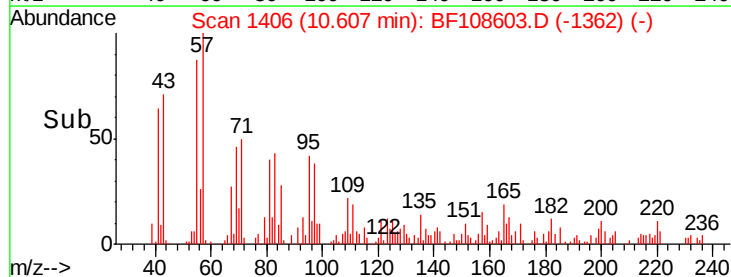
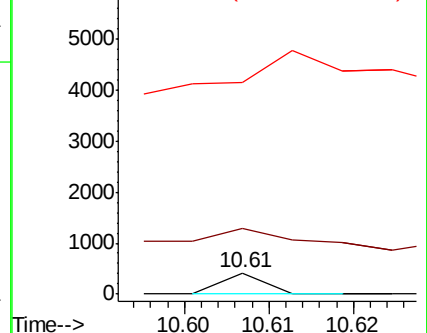
105 1000.7 36.3 76.3#

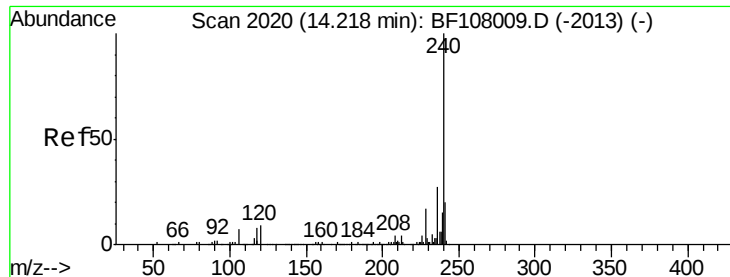


Abundance Ion 198.00 (197.70 to 198.70): E

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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108603.D

Acq: 29 Aug 2018 14:38

Instrument :

BNA_F

ClientSampleId :

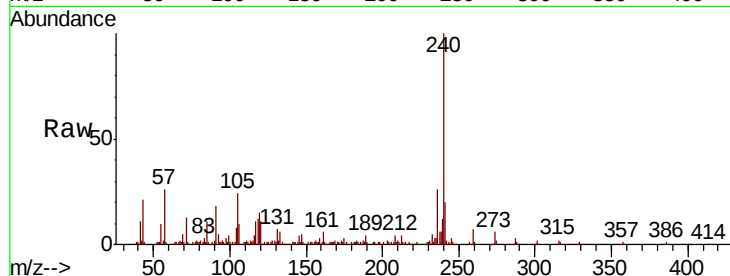
Tot Ion:240 Resp: 259124

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

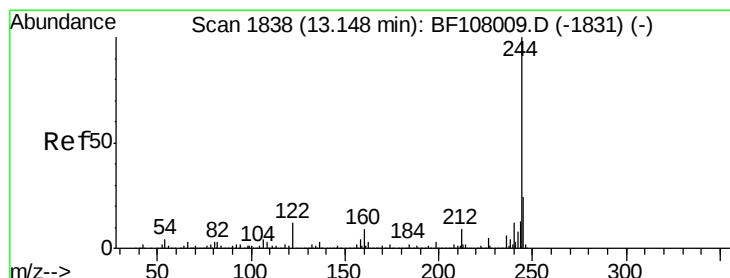
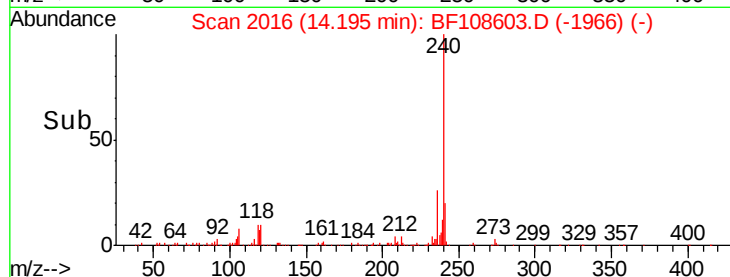
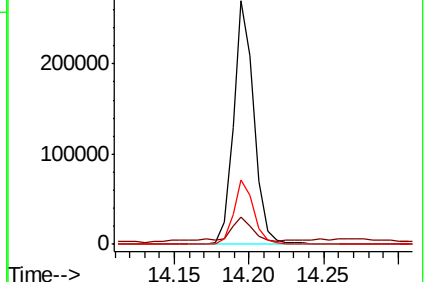
236 26.3 20.7 31.1



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: 0.998 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108603.D

Acq: 29 Aug 2018 14:38

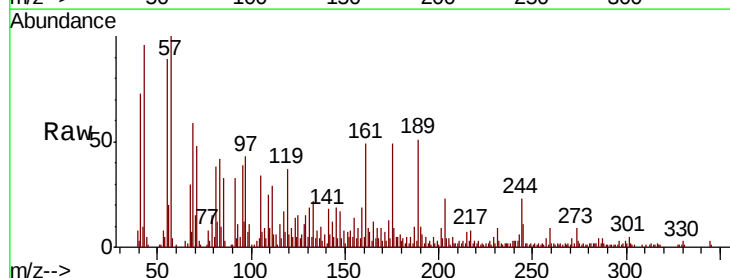
Tgt Ion:244 Resp: 10169

Ion Ratio Lower Upper

244 100

212 10.4 5.4 8.0#

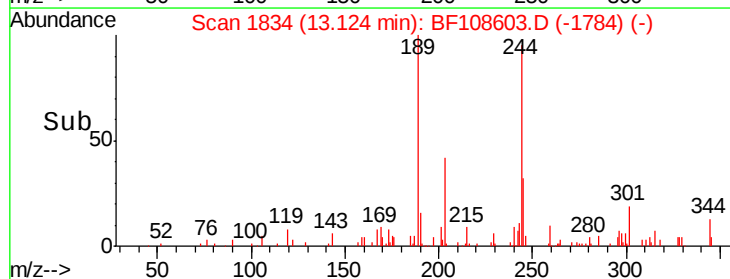
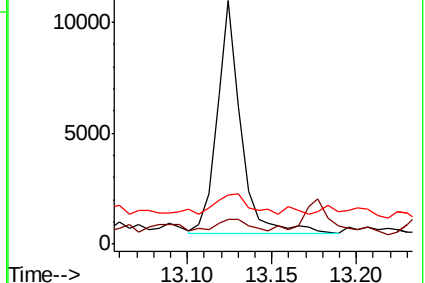
122 20.3 11.0 16.4#

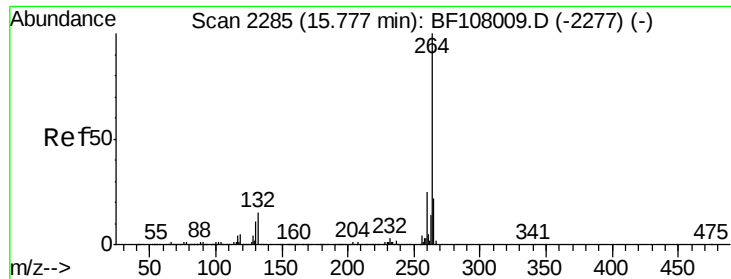


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF108603.D
Acq: 29 Aug 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.1	17.5	26.3

