

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036810.D
 Acq On : 19 Sep 2018 7:31
 Operator : JU/SJ
 Sample : J4950-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB32734RT

Quant Time: Sep 19 11:49:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49761	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	208888	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	134878	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	333281	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	363202	20.00	ng	-0.01
86) Perylene-d12	24.89	264	368740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	338981	108.06	ng	0.00
7) Phenol-d6	7.21	99	425013	94.63	ng	0.00
23) Nitrobenzene-d5	9.21	82	339690	88.23	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	201753	125.36	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	748651	79.25	ng	-0.01
78) Terphenyl-d14	20.02	244	1262740	81.26	ng	0.00

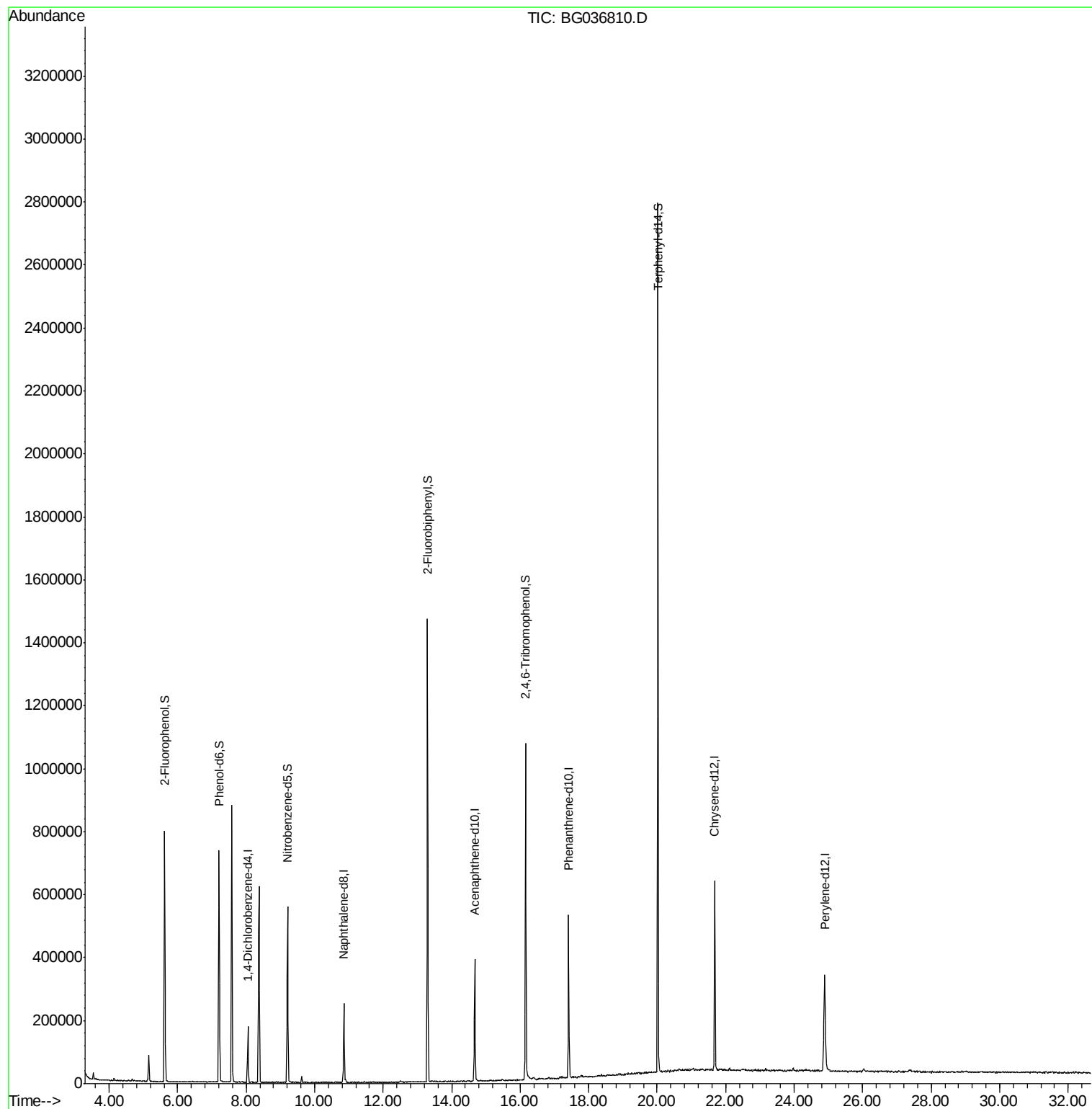
Target Compounds Qvalue

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

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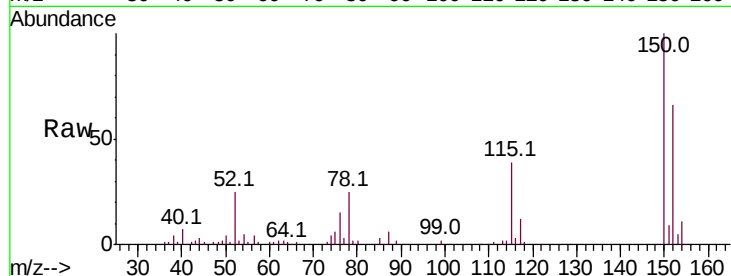


#1

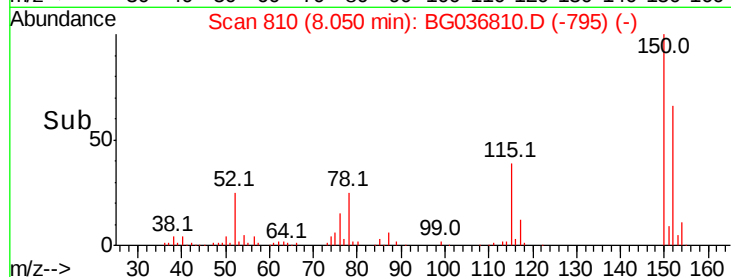
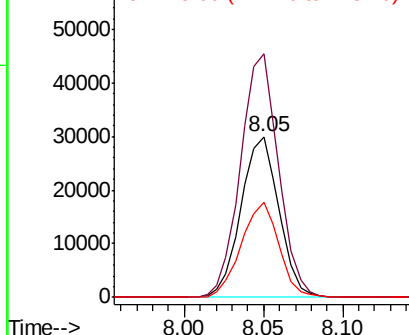
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036810.D
Acq: 19 Sep 2018 7:31

Instrument :
BNA_G
ClientSampleId :
RB32734RT

Tot Ion:152 Resp: 49761
Ion Ratio Lower Upper
152 100
150 151.3 119.5 179.3
115 59.0 44.5 66.7



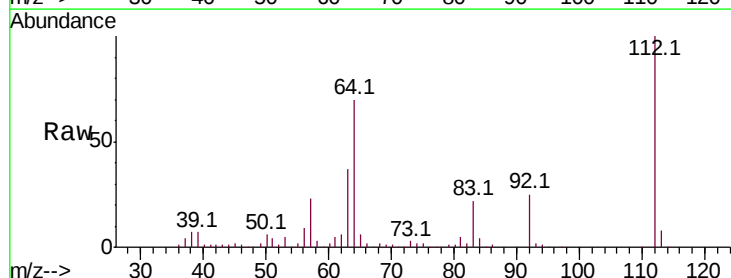
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



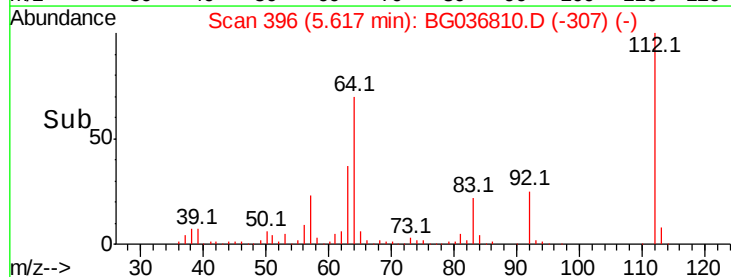
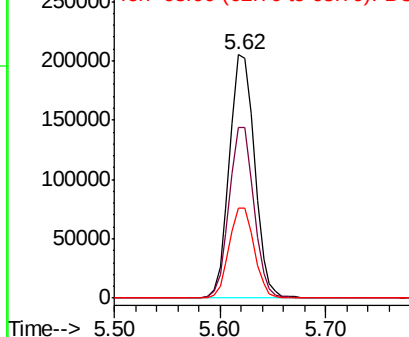
#5

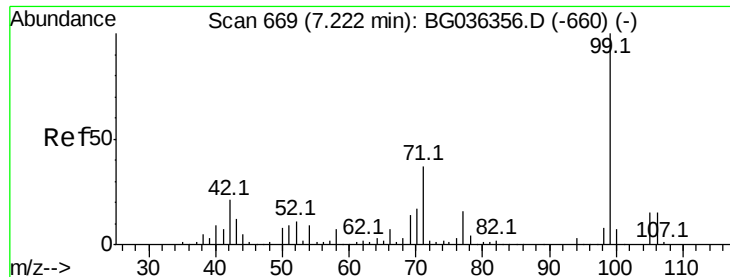
2-Fluorophenol
Concen: 108.061 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036810.D
Acq: 19 Sep 2018 7:31

Tgt Ion:112 Resp: 338981
Ion Ratio Lower Upper
112 100
64 70.1 57.2 85.8
63 37.0 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 94.630 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036810.D

Acq: 19 Sep 2018 7:31

Instrument :

BNA_G

ClientSampleId :

RB32734RT

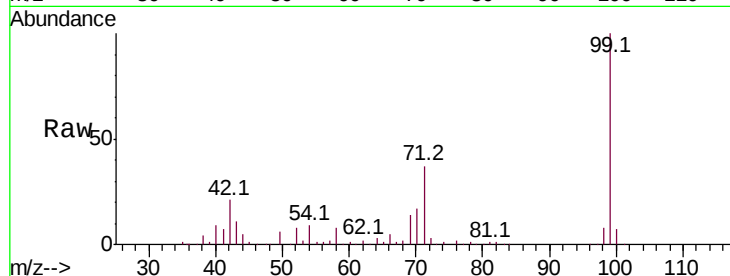
Tot Ion: 99 Resp: 425013

Ion Ratio Lower Upper

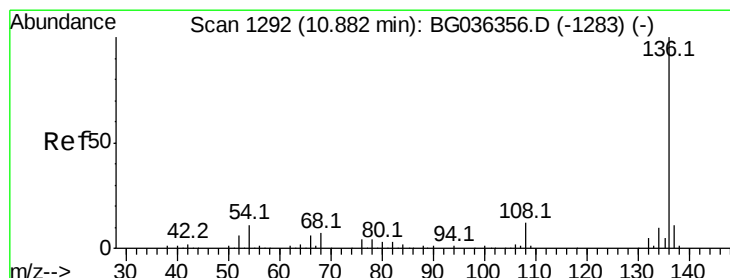
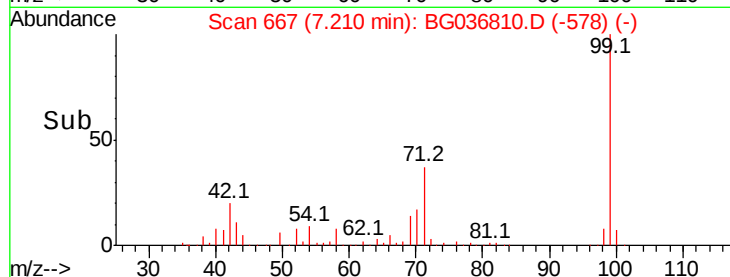
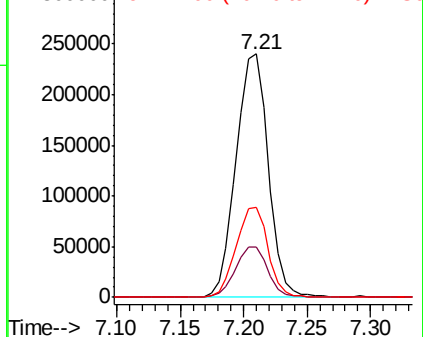
99 100

42 20.6 16.5 24.7

71 37.2 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036810.D

Acq: 19 Sep 2018 7:31

Tgt Ion: 136 Resp: 208888

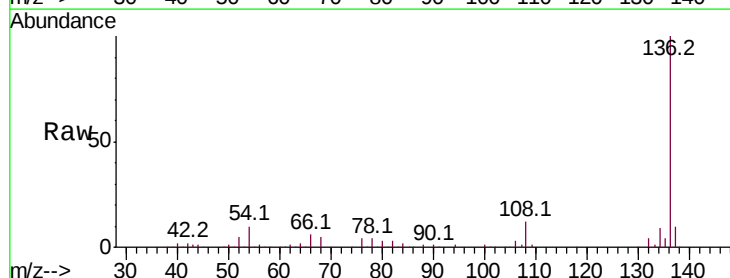
Ion Ratio Lower Upper

136 100

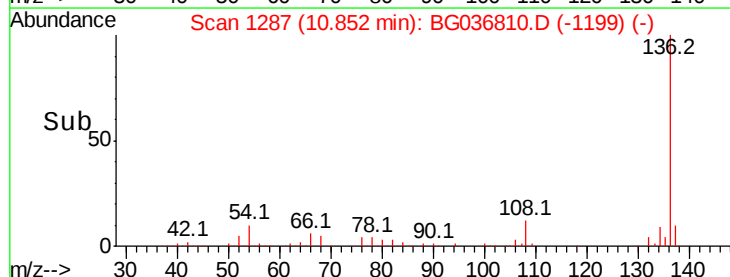
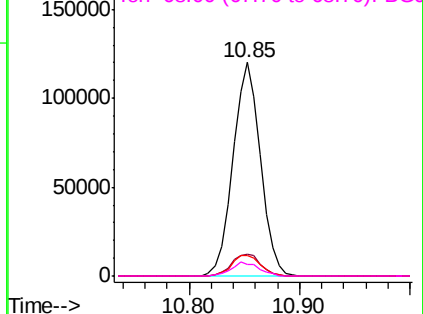
137 10.4 8.8 13.2

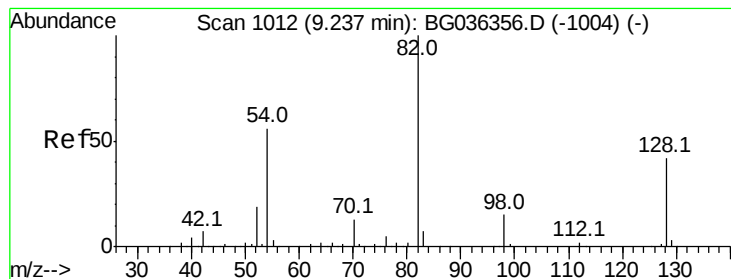
54 9.8 9.2 13.8

68 5.5 5.8 8.6#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 88.231 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG036810.D

Acq: 19 Sep 2018 7:31

Instrument :

BNA_G

ClientSampleId :

RB32734RT

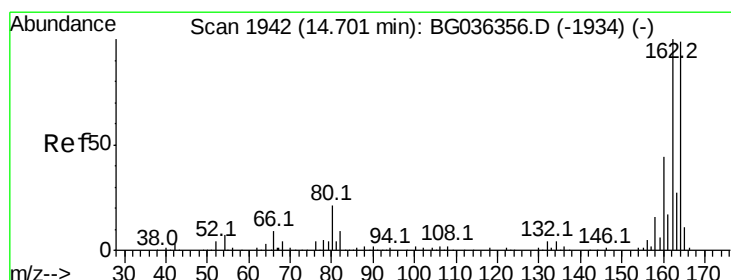
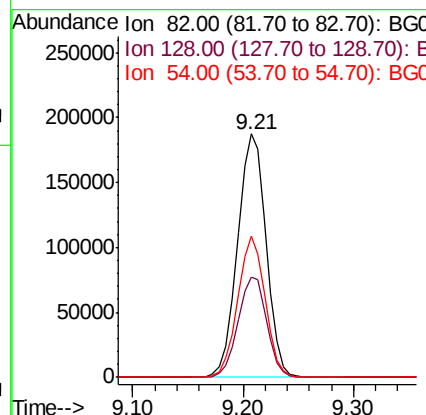
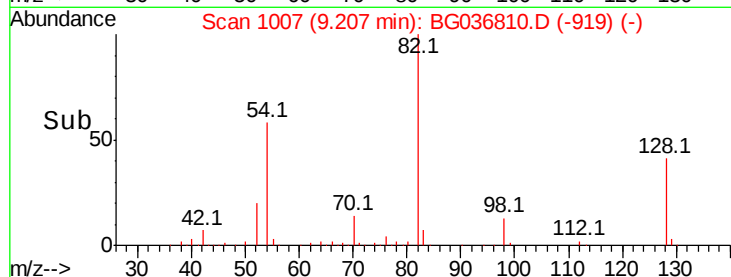
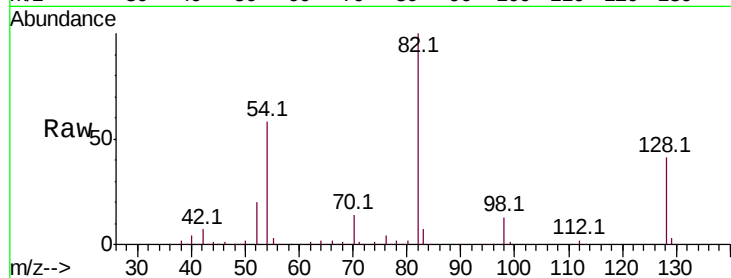
Tot Ion: 82 Resp: 339690

Ion Ratio Lower Upper

82 100

128 41.3 33.3 49.9

54 57.8 45.1 67.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036810.D

Acq: 19 Sep 2018 7:31

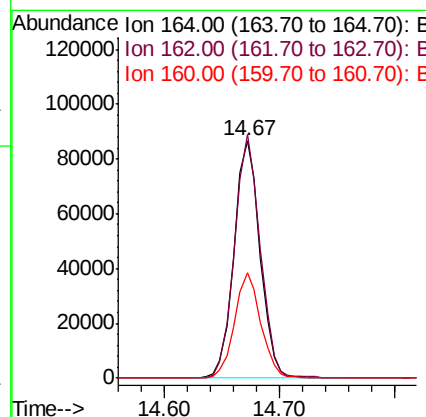
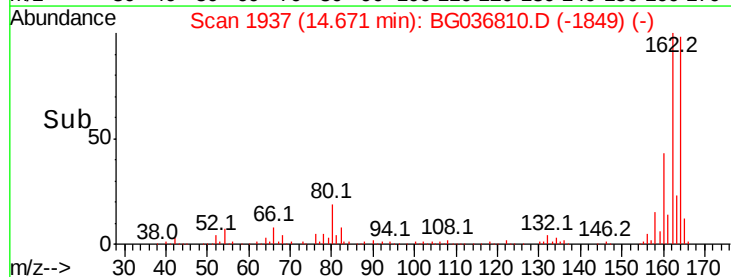
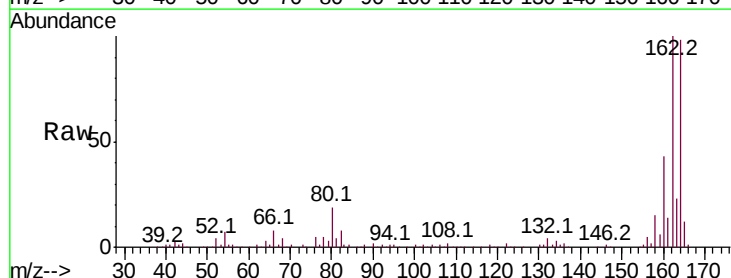
Tgt Ion: 164 Resp: 134878

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

160 44.3 35.3 52.9

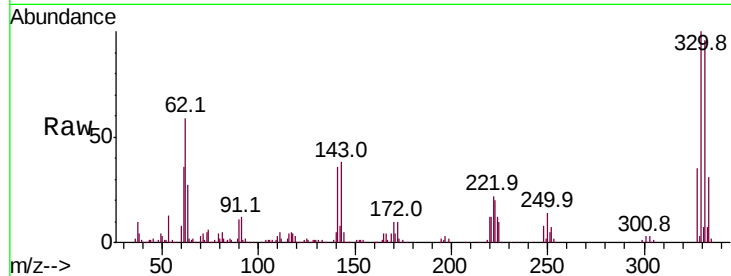




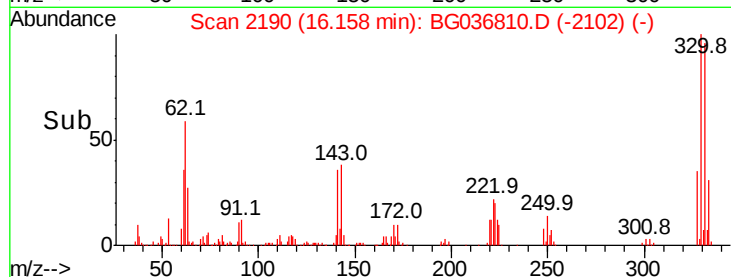
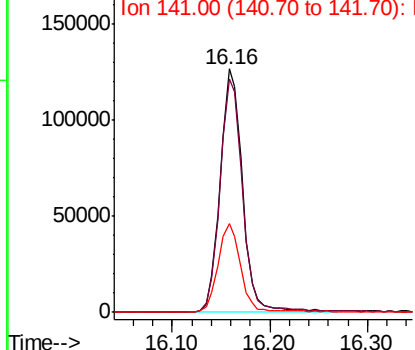
#41
 2,4,6-Tribromophenol
 Concen: 125.359 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036810.D
 Acq: 19 Sep 2018 7:31

Instrument :
 BNA_G
 ClientSampleId :
 RB32734RT

Tot Ion:330 Resp: 201753
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.2
 141 36.1 30.7 46.1

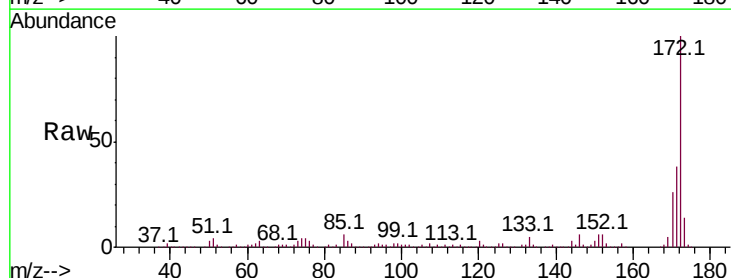


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

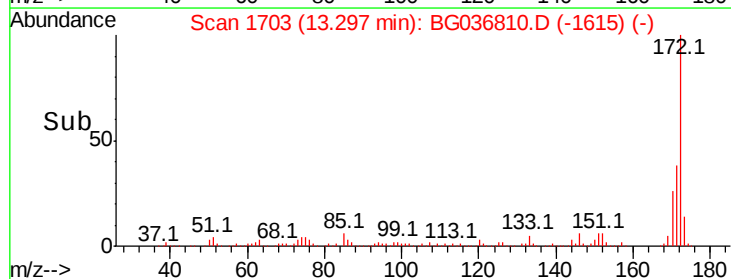
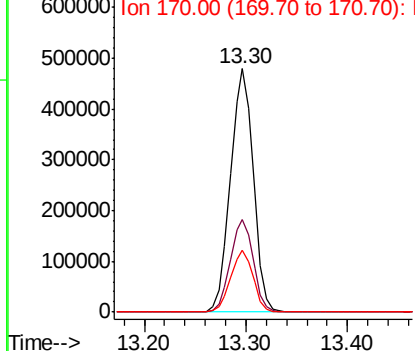


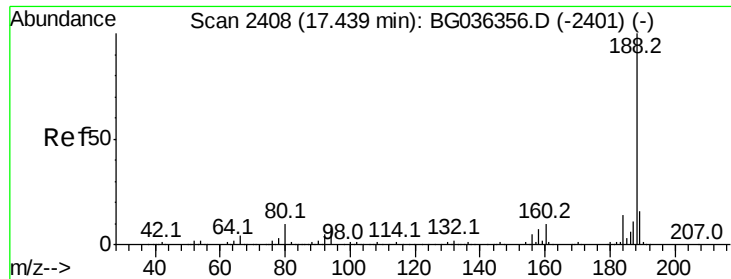
#44
 2-Fluorobiphenyl
 Concen: 79.252 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036810.D
 Acq: 19 Sep 2018 7:31

Tgt Ion:172 Resp: 748651
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.3 46.9
 170 25.6 21.0 31.6



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

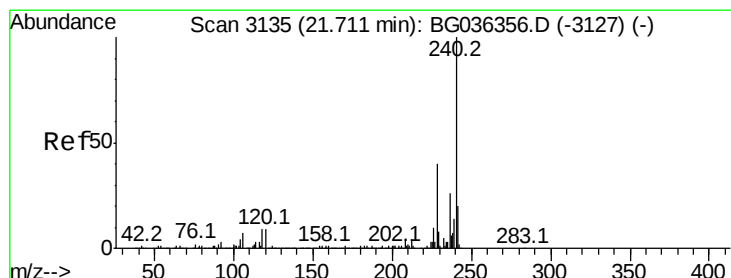
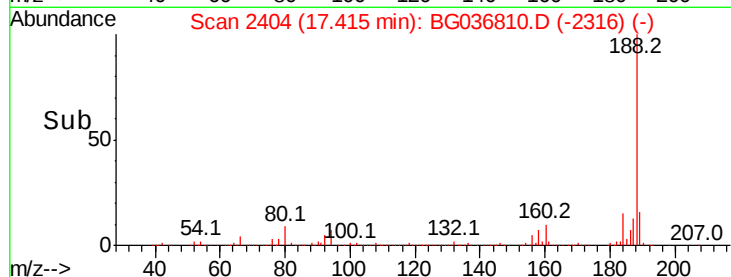
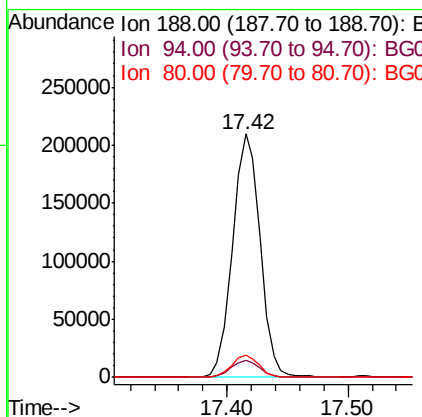
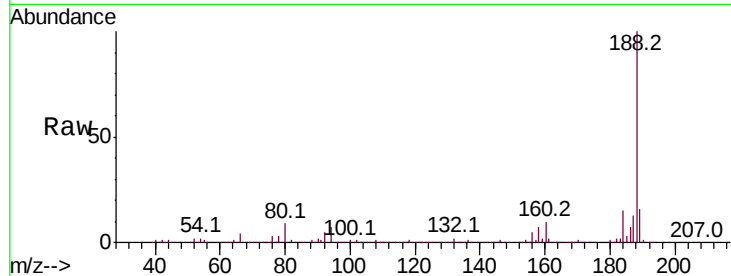




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036810.D
 Acq: 19 Sep 2018 7:31

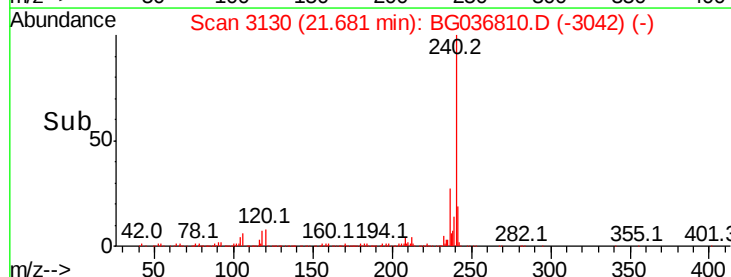
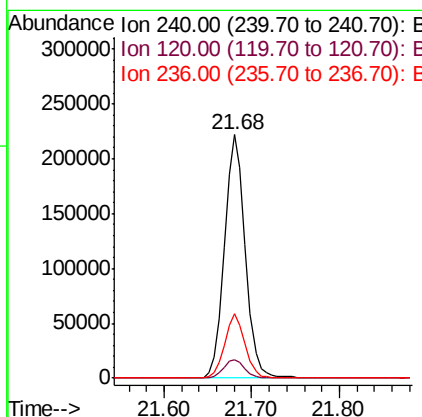
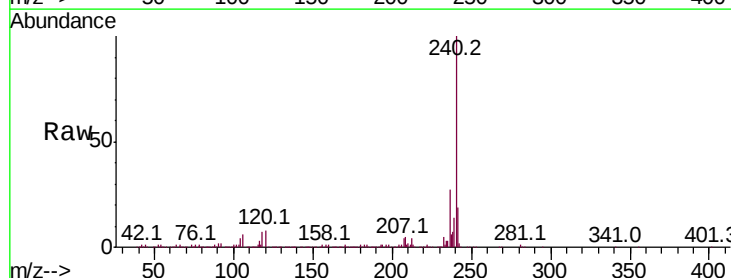
Instrument :
 BNA_G
 ClientSampled :
 RB32734RT

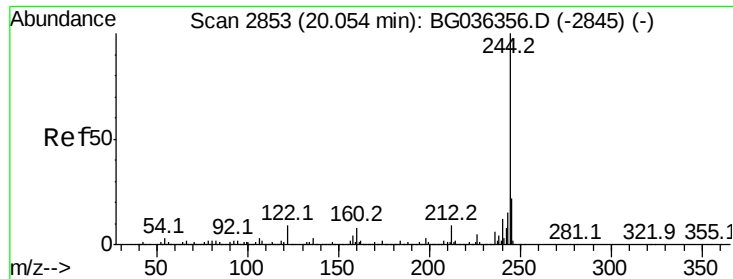
Tot Ion:188 Resp: 333281
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.7 10.1
 80 8.9 8.1 12.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036810.D
 Acq: 19 Sep 2018 7:31

Tgt Ion:240 Resp: 363202
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.9 10.3
 236 26.5 21.2 31.8





#78

Terphenyl-d14

Concen: 81.262 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036810.D

Acq: 19 Sep 2018 7:31

Instrument :

BNA_G

ClientSampleId :

RB32734RT

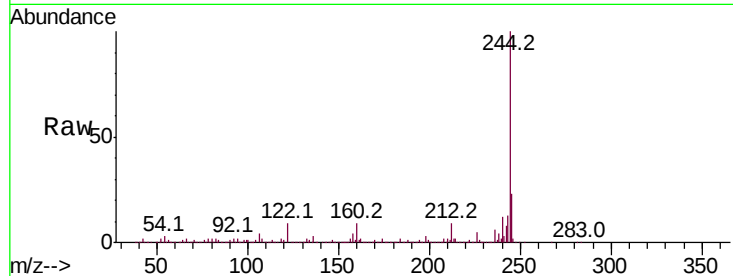
Tot Ion:244 Resp: 1262740

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

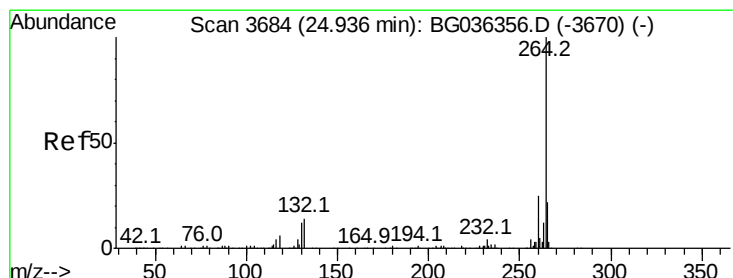
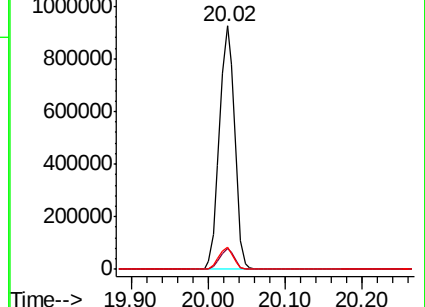
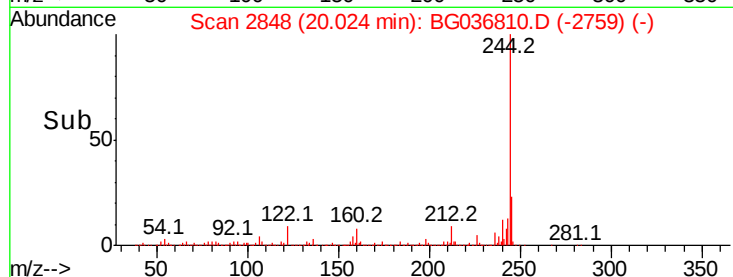
122 9.2 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036810.D

Acq: 19 Sep 2018 7:31

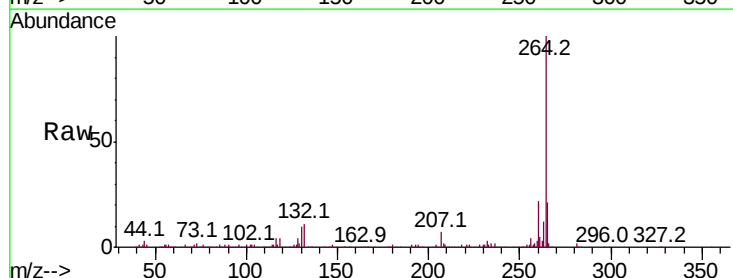
Tgt Ion:264 Resp: 368740

Ion Ratio Lower Upper

264 100

260 22.3 19.6 29.4

265 20.9 17.4 26.0



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

