

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036808.D
 Acq On : 19 Sep 2018 6:13
 Operator : JU/SJ
 Sample : J4948-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB44766RT

Quant Time: Sep 19 07:42:27 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

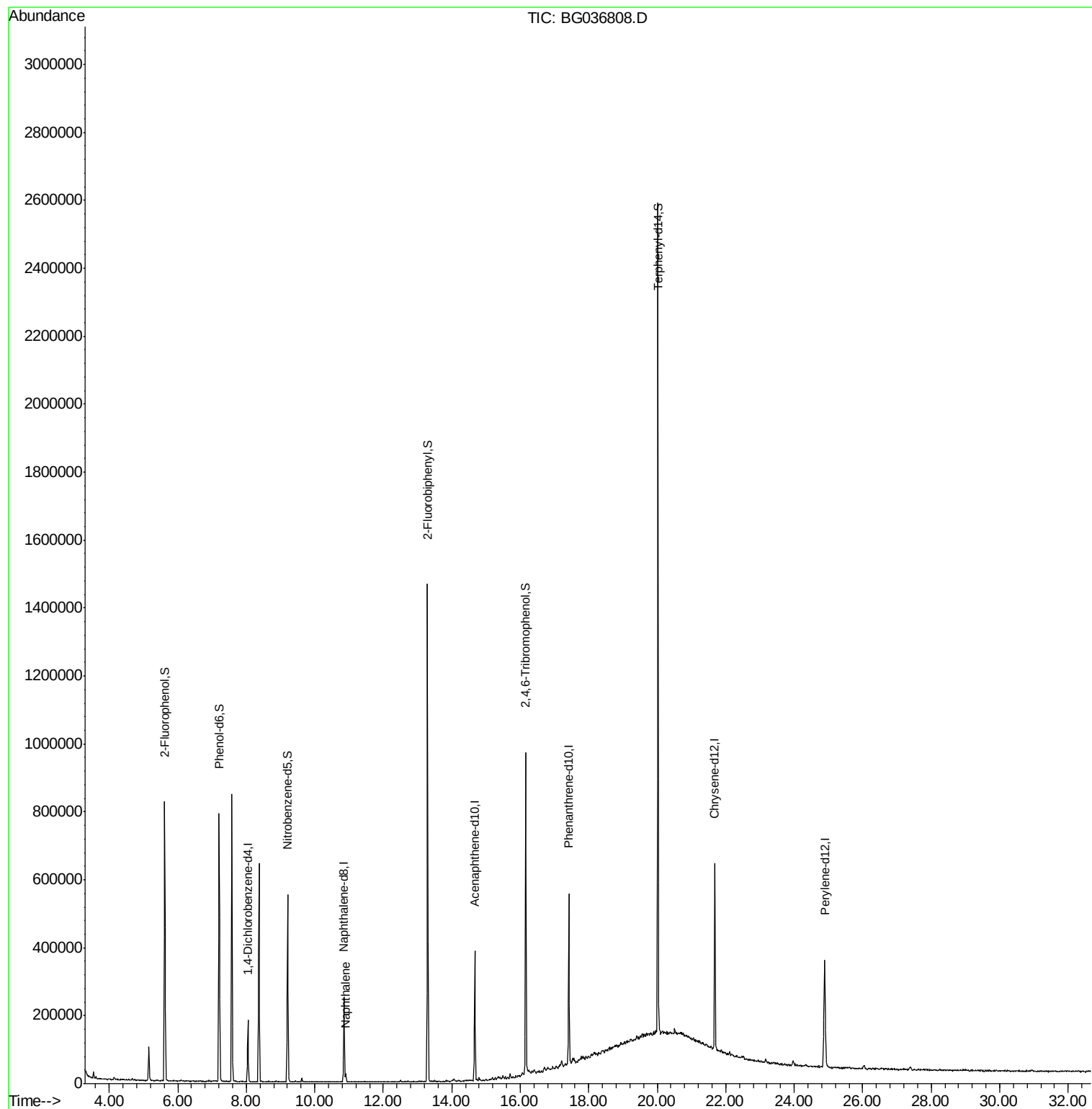
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50672	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	208942	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	132879	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	320531	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	344168	20.00	ng	-0.02
86) Perylene-d12	24.89	264	344407	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	337772	105.74	ng	0.00
7) Phenol-d6	7.21	99	439232	96.04	ng	-0.01
23) Nitrobenzene-d5	9.21	82	335281	87.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	181856	114.70	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	751513	80.75	ng	-0.02
78) Terphenyl-d14	20.02	244	1175668	79.84	ng	-0.01
Target Compounds						
31) Naphthalene	10.90	128	21638	2.072	ng	Qvalue 97

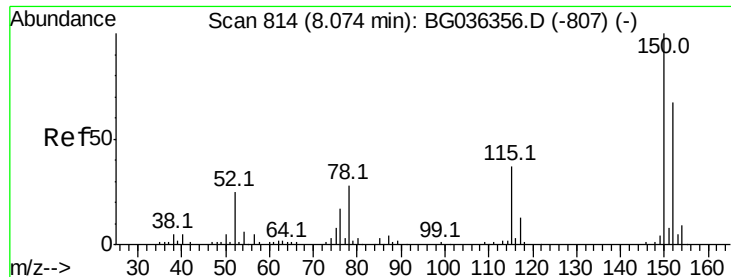
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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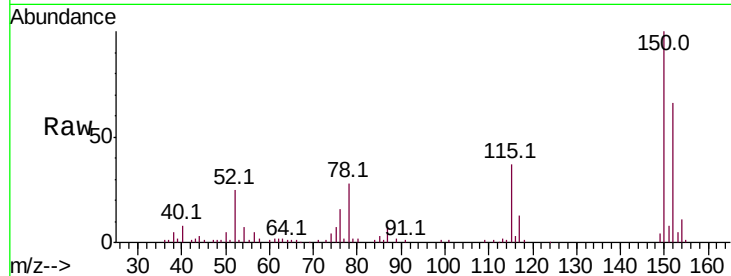


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036808.D
 Acq: 19 Sep 2018 6:13

Instrument :
 BNA_G
 ClientSampleId :
 RB44766RT

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	119.5	179.3
115	55.5	44.5	66.7

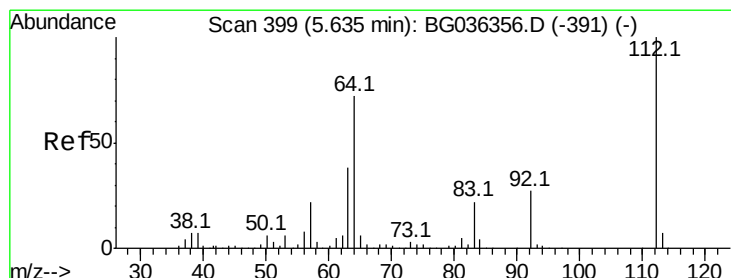
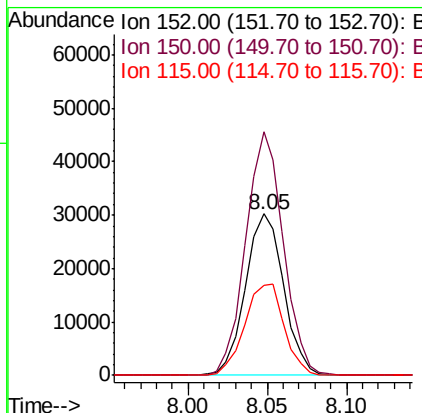
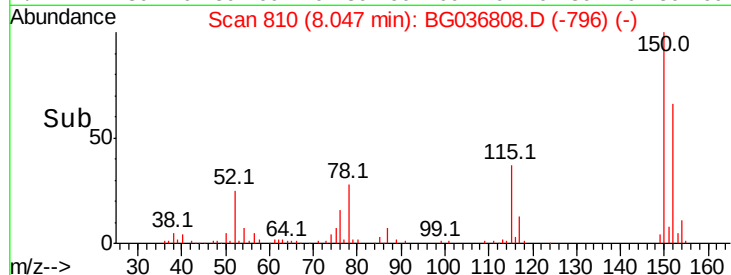


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

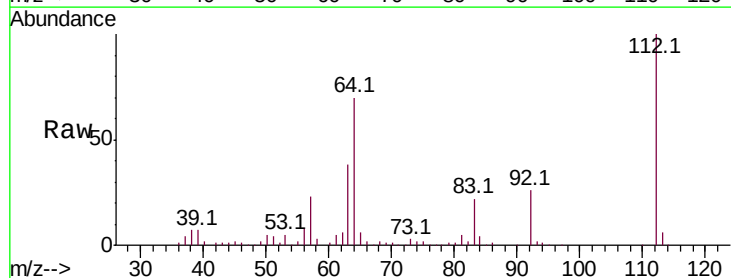
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 105.740 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036808.D
 Acq: 19 Sep 2018 6:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.2	85.8
63	38.0	30.8	46.2

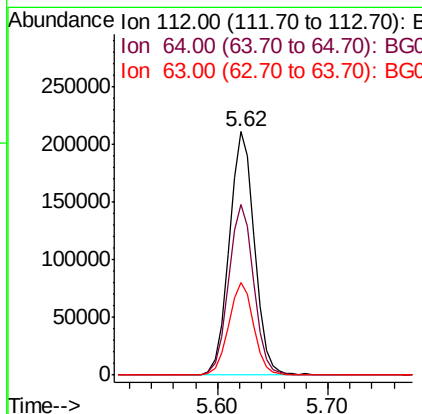
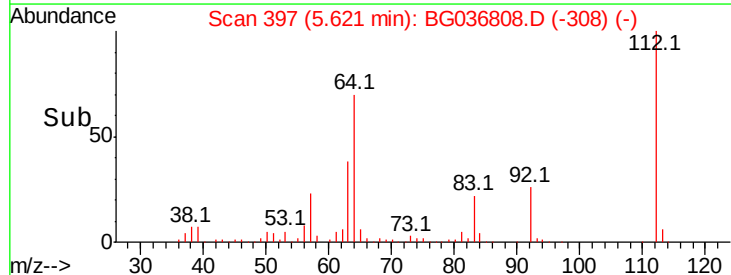


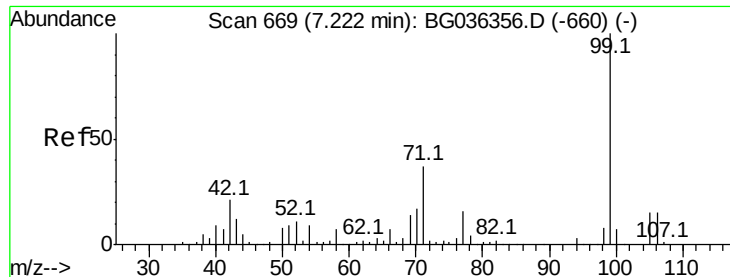
Abundance

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: 96.038 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036808.D

Acq: 19 Sep 2018 6:13

Instrument :

BNA_G

ClientSampleId :

RB44766RT

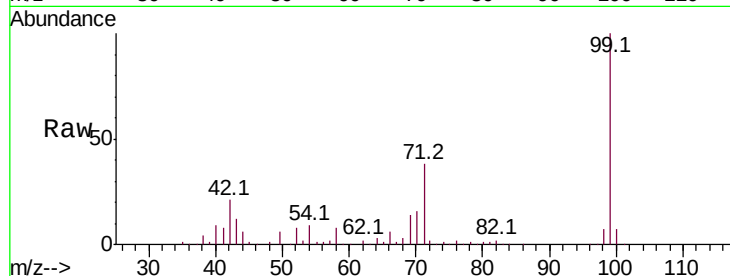
Tot Ion: 99 Resp: 439232

Ion Ratio Lower Upper

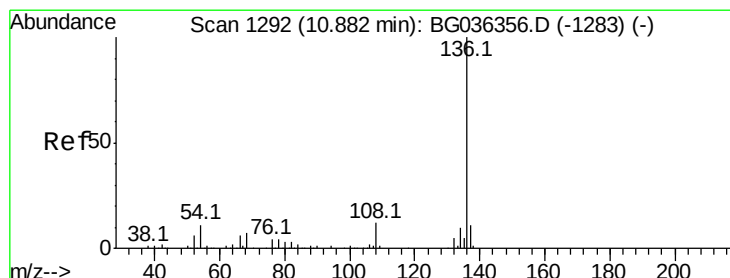
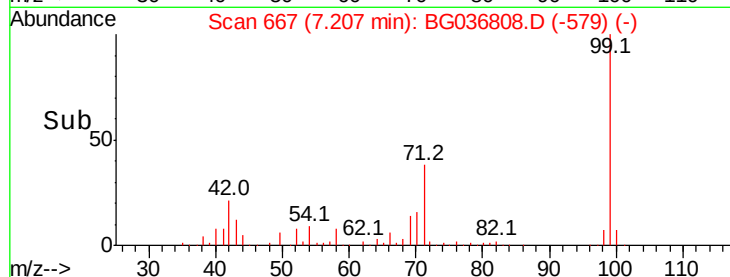
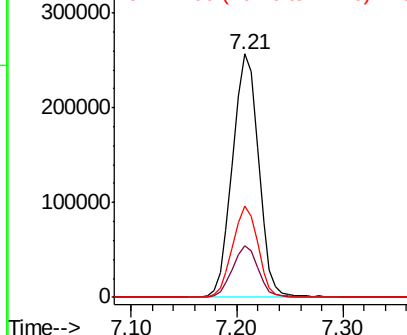
99 100

42 21.3 16.5 24.7

71 37.6 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. -0.02 min

Lab File: BG036808.D

Acq: 19 Sep 2018 6:13

Tgt Ion: 136 Resp: 208942

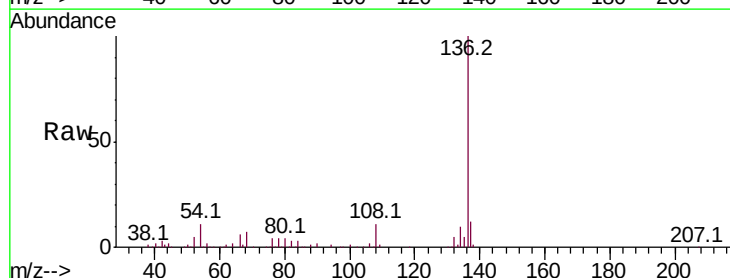
Ion Ratio Lower Upper

136 100

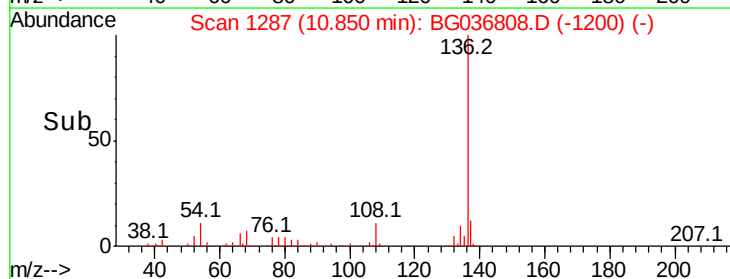
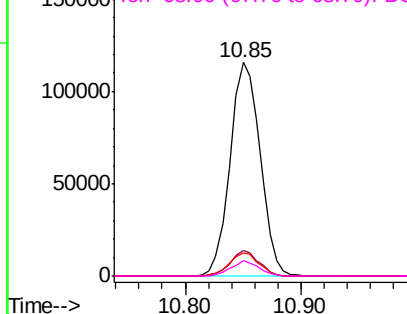
137 11.7 8.8 13.2

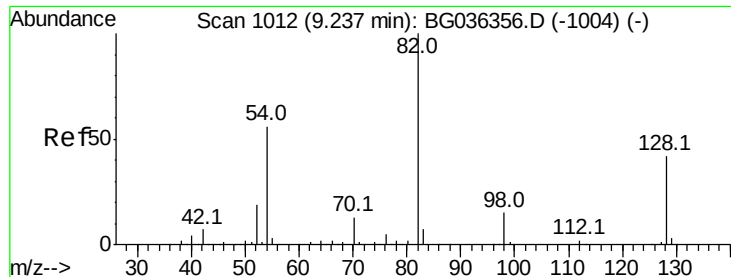
54 10.9 9.2 13.8

68 7.1 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

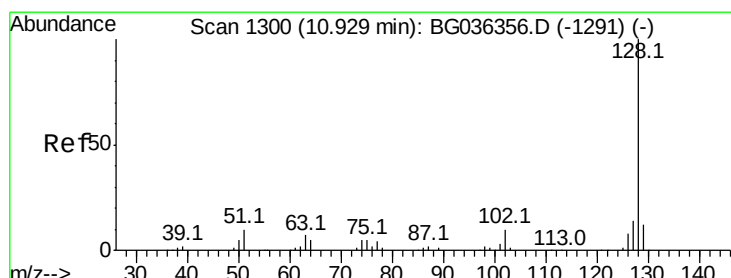
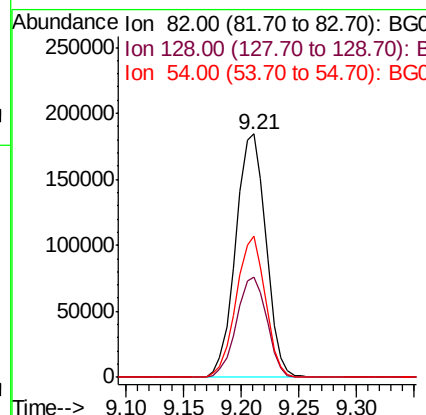
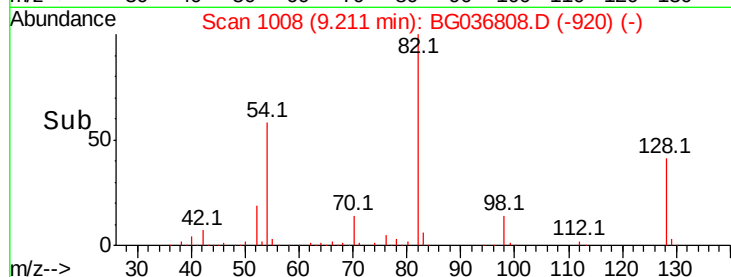
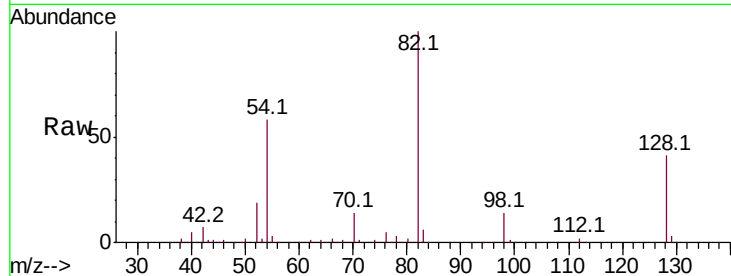




#23
 Nitrobenzene-d5
 Concen: 87.064 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036808.D
 Acq: 19 Sep 2018 6:13

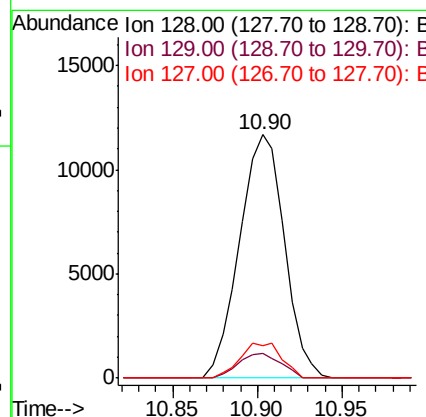
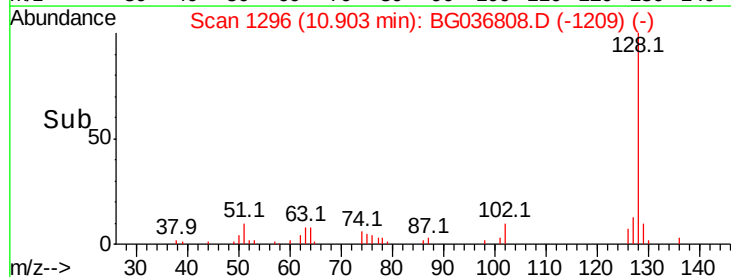
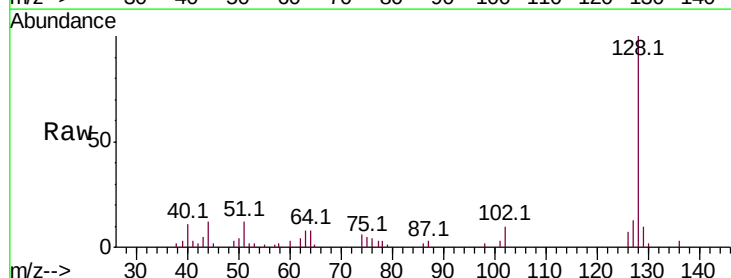
Instrument :
 BNA_G
 ClientSampleId :
 RB44766RT

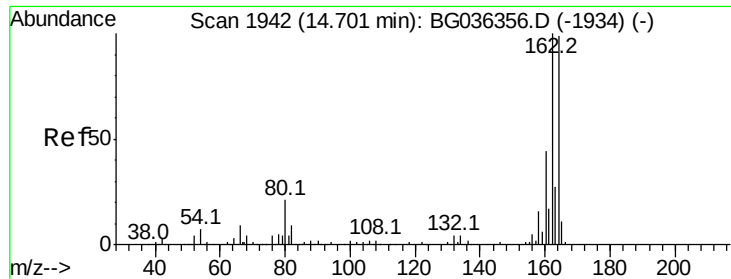
Tot Ion: 82 Resp: 335281
 Ion Ratio Lower Upper
 82 100
 128 41.4 33.3 49.9
 54 57.9 45.1 67.7



#31
 Naphthalene
 Concen: 2.072 ng
 RT: 10.90 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BG036808.D
 Acq: 19 Sep 2018 6:13

Tgt Ion: 128 Resp: 21638
 Ion Ratio Lower Upper
 128 100
 129 10.2 9.4 14.2
 127 13.1 11.0 16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG036808.D

Acq: 19 Sep 2018 6:13

Instrument :

BNA_G

ClientSampleId :

RB44766RT

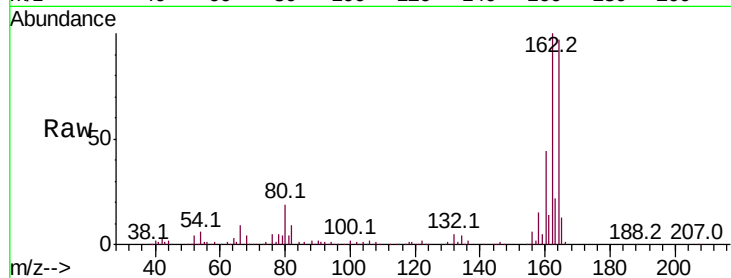
Tot Ion:164 Resp: 132879

Ion Ratio Lower Upper

164 100

162 103.4 80.7 121.1

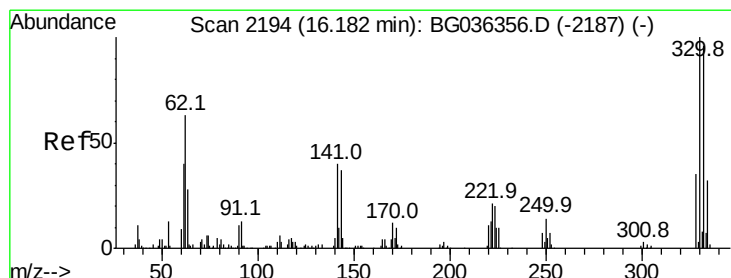
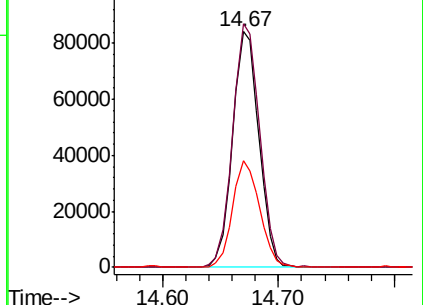
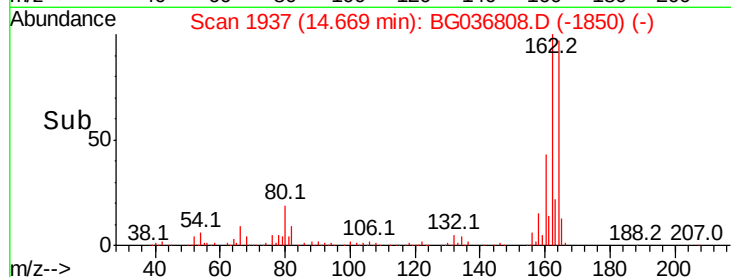
160 45.2 35.3 52.9



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: 114.696 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036808.D

Acq: 19 Sep 2018 6:13

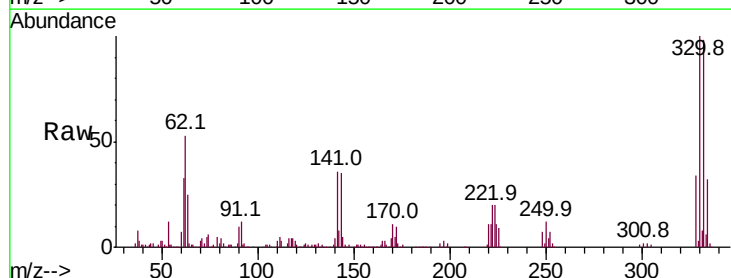
Tgt Ion:330 Resp: 181856

Ion Ratio Lower Upper

330 100

332 98.2 75.4 113.2

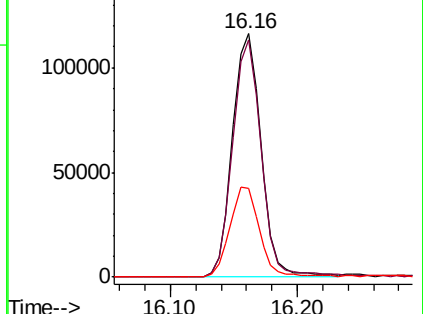
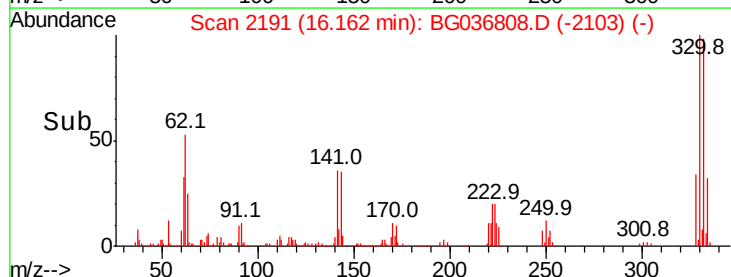
141 37.8 30.7 46.1

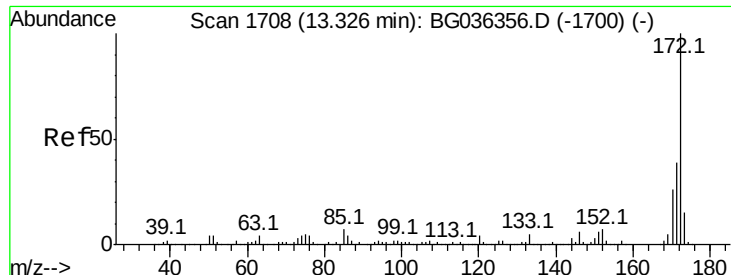


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

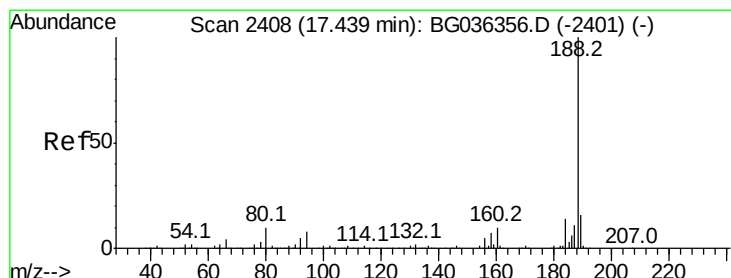
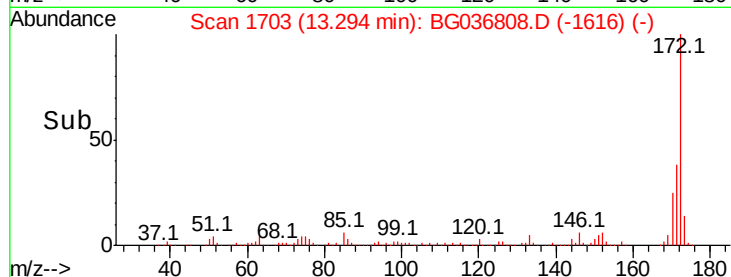
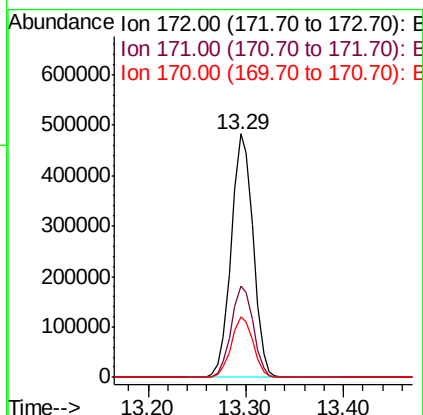
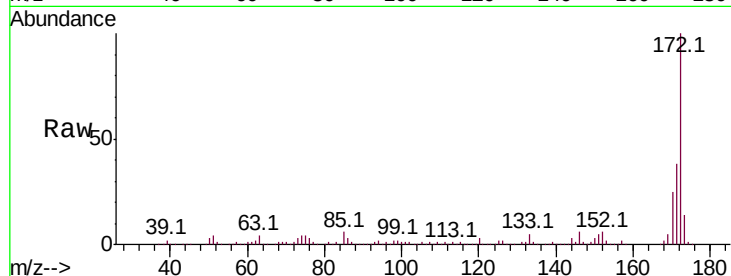




#44
 2-Fluorobiphenyl
 Concen: 80.752 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036808.D
 Acq: 19 Sep 2018 6:13

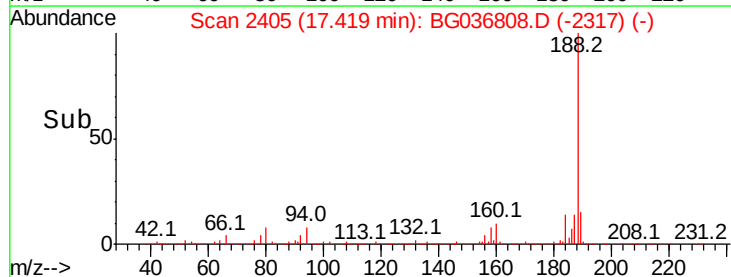
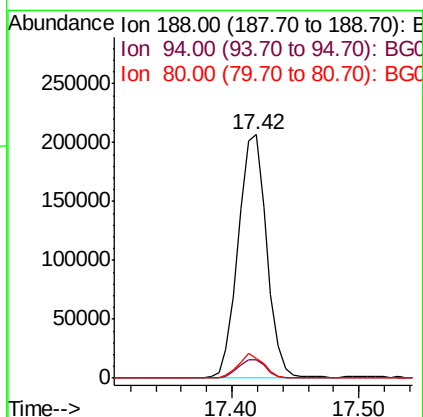
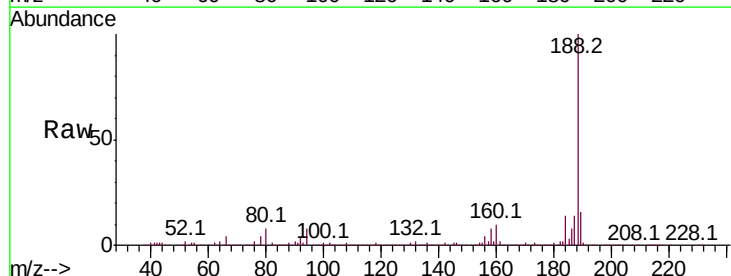
Instrument :
 BNA_G
 ClientSampleId :
 RB44766RT

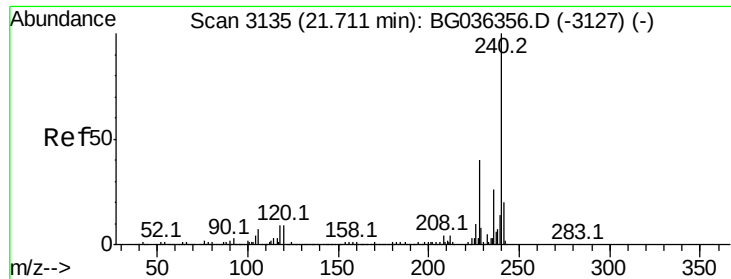
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	25.1	21.0	31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036808.D
 Acq: 19 Sep 2018 6:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	8.1	8.1	12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036808.D

Acq: 19 Sep 2018 6:13

Instrument :

BNA_G

ClientSampled :

RB44766RT

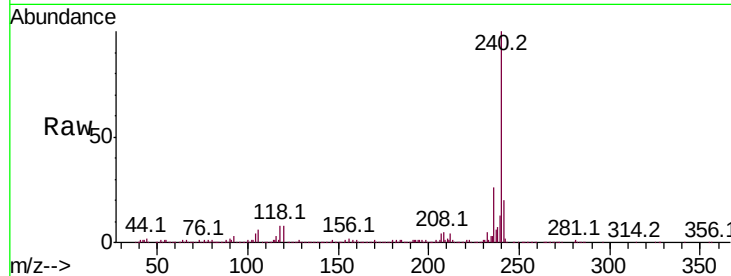
Tot Ion:240 Resp: 344168

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

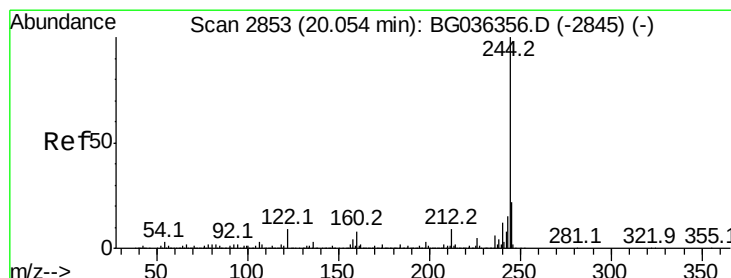
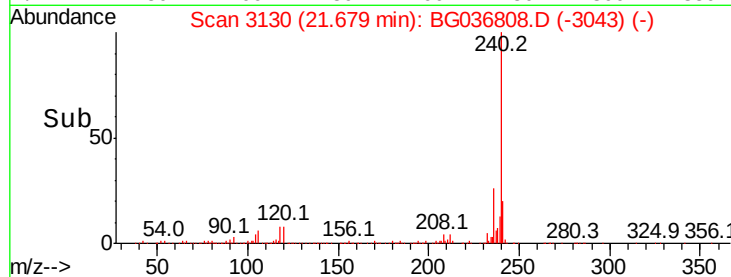
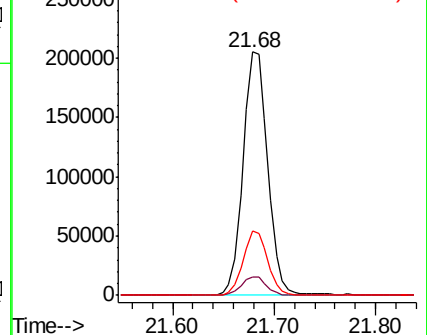
236 26.2 21.2 31.8



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: 79.843 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036808.D

Acq: 19 Sep 2018 6:13

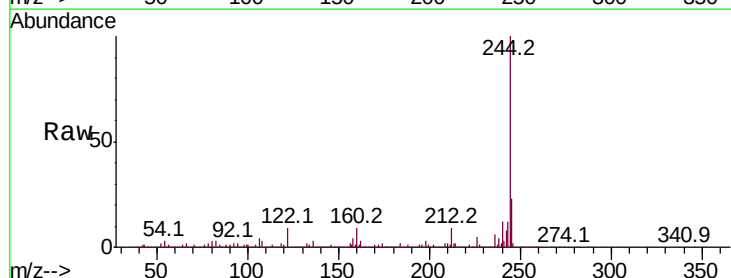
Tgt Ion:244 Resp: 1175668

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

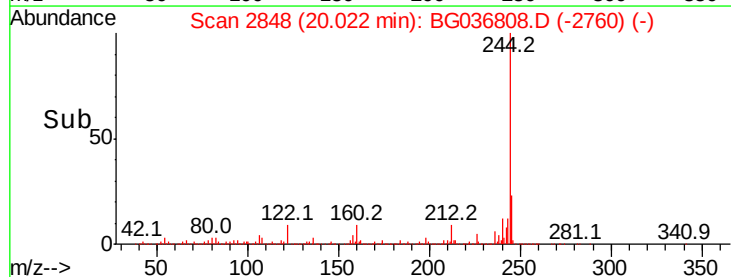
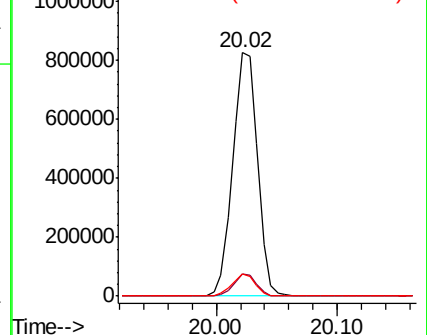
122 8.9 7.1 10.7

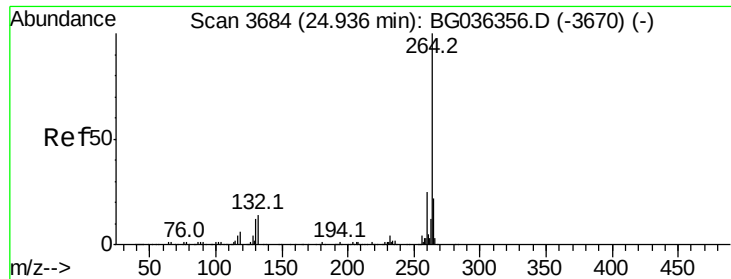


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036808.D
Acq: 19 Sep 2018 6:13

Instrument :
BNA_G
ClientSampleId :
RB44766RT

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.0	17.4	26.0

