

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035690.D
 Acq On : 17 Jul 2018 19:52
 Operator : JU/SJ
 Sample : J3829-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-071318-C

Quant Time: Jul 18 04:03:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

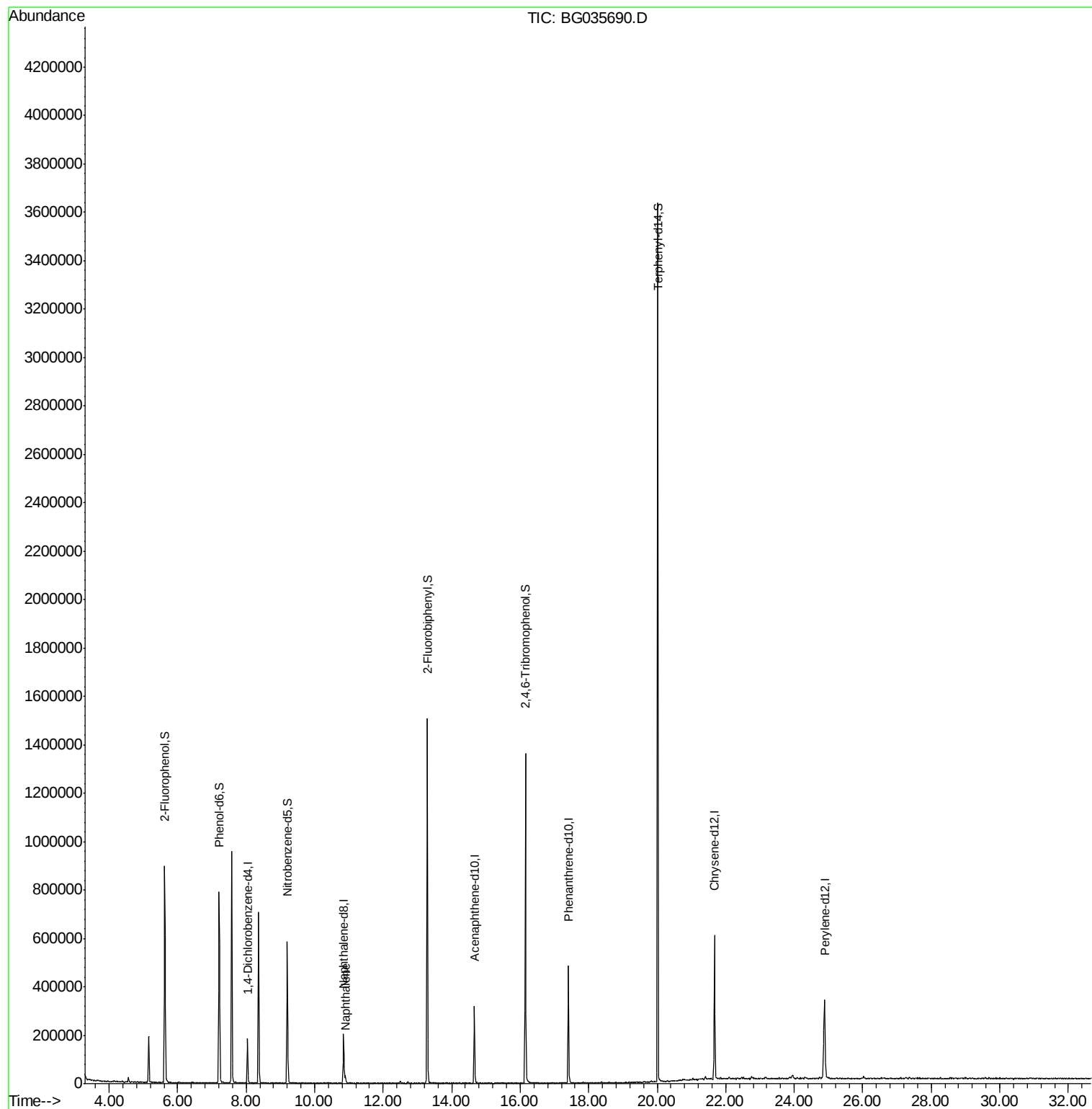
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	51128	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	175039	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	115634	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	320530	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	382880	20.00	ng	-0.02
86) Perylene-d12	24.89	264	362476	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	398029	129.25	ng	0.00
7) Phenol-d6	7.21	99	486486	105.88	ng	0.00
23) Nitrobenzene-d5	9.20	82	400589	95.60	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	244169	160.20	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	837021	96.98	ng	-0.02
78) Terphenyl-d14	20.02	244	1695796	97.63	ng	0.00
Target Compounds						
31) Naphthalene	10.89	128	24929	2.734	ng	Qvalue 95

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

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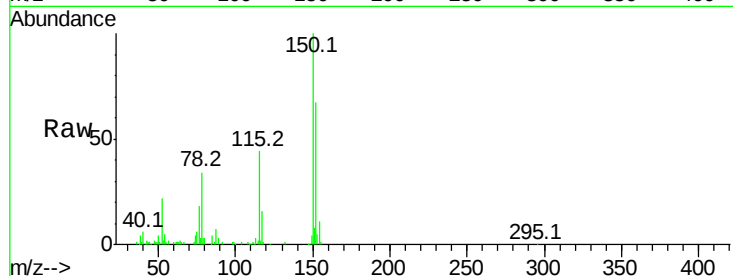


#1

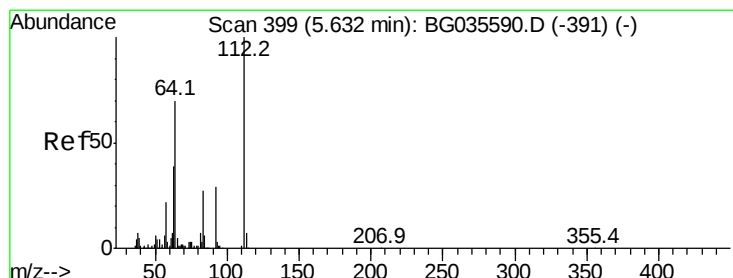
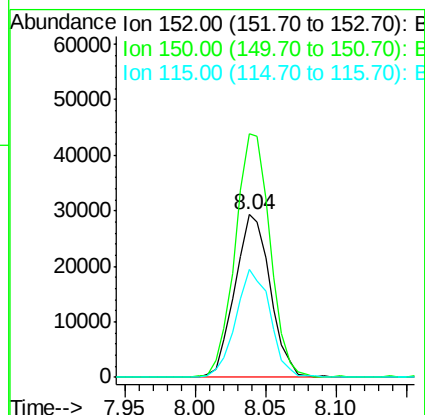
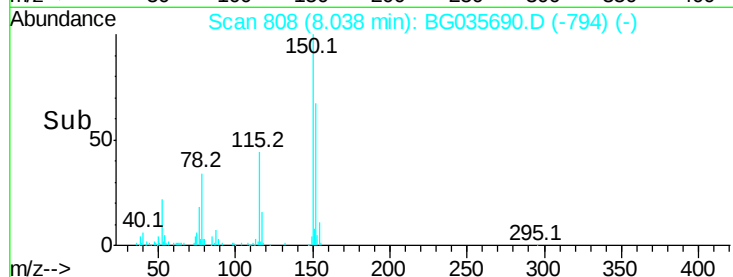
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BG035690.D
 Acq: 17 Jul 2018 19:52

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-071318-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	126.6	189.8
115	66.5	53.0	79.4



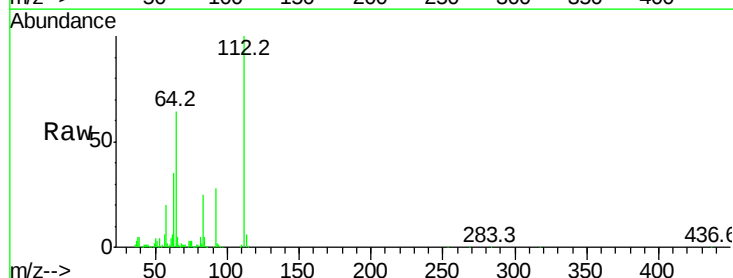
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



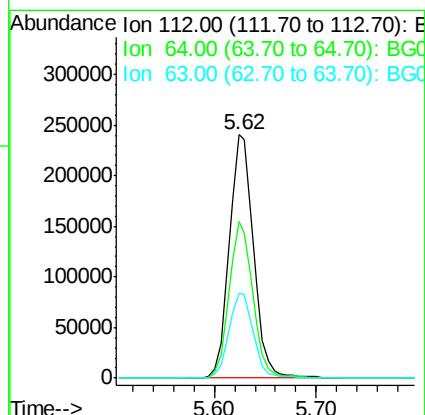
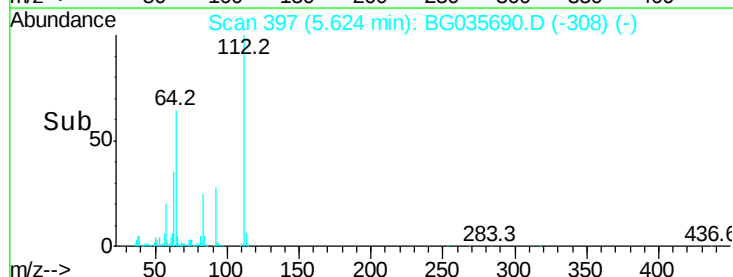
#5

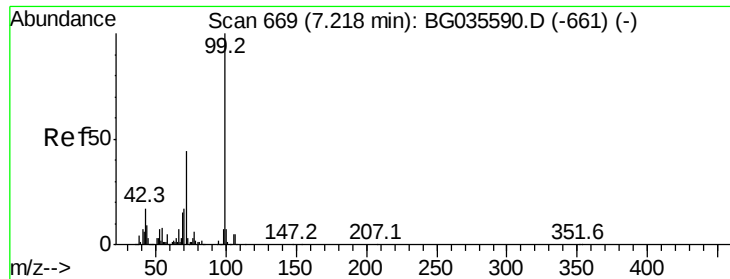
2-Fluorophenol
 Concen: 129.248 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG035690.D
 Acq: 17 Jul 2018 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	56.3	84.5
63	35.0	30.1	45.1



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: 105.880 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035690.D

Acq: 17 Jul 2018 19:52

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-C

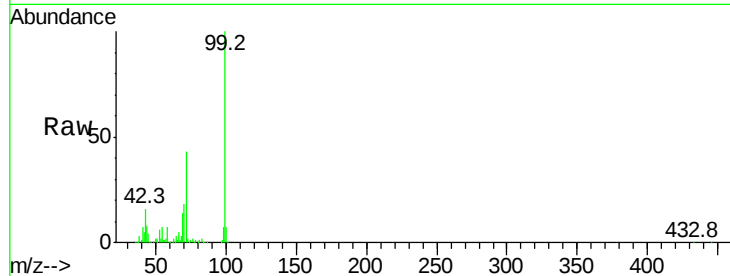
Tot Ion: 99 Resp: 486486

Ion Ratio Lower Upper

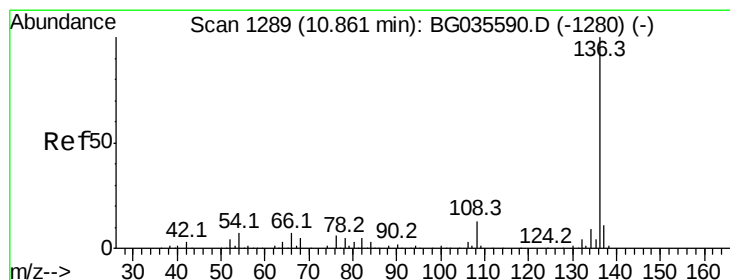
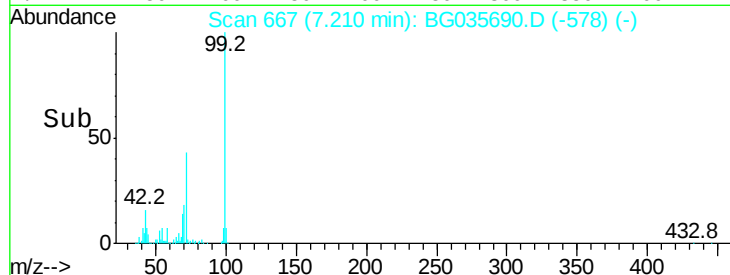
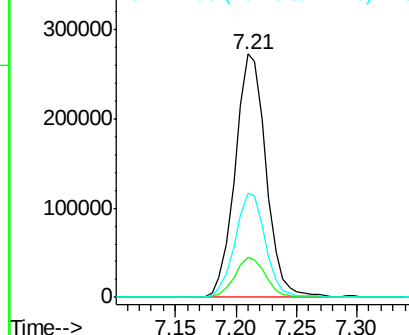
99 100

42 16.3 14.1 21.1

71 42.6 26.1 39.1#



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# 1286

Delta R.T. -0.01 min

Lab File: BG035690.D

Acq: 17 Jul 2018 19:52

Tgt Ion: 136 Resp: 175039

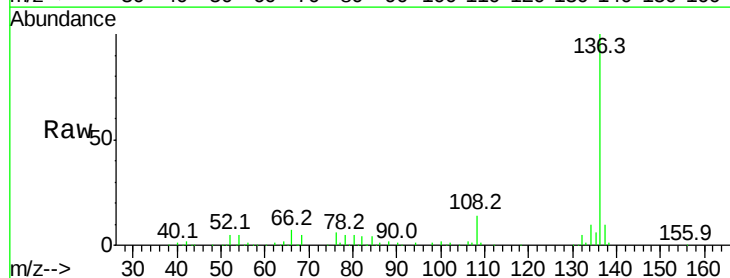
Ion Ratio Lower Upper

136 100

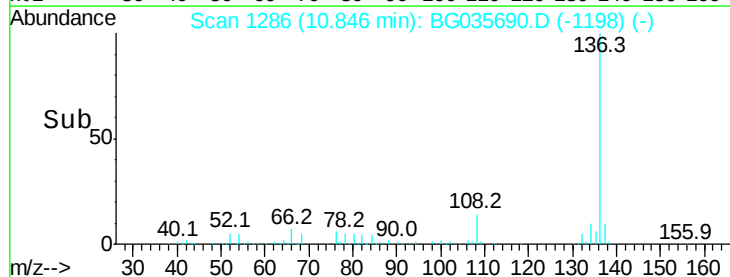
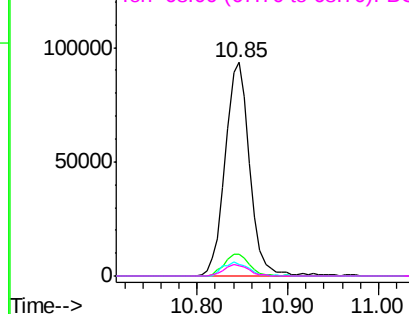
137 10.5 9.2 13.8

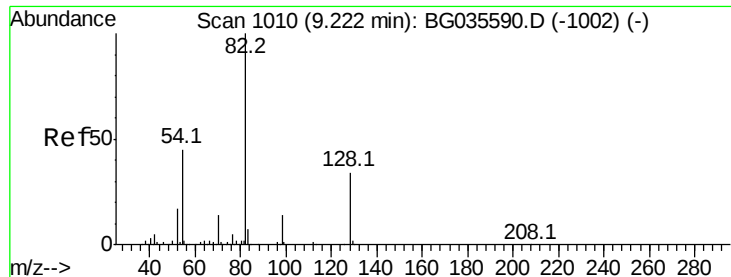
54 5.4 10.3 15.5#

68 4.6 4.5 6.7



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

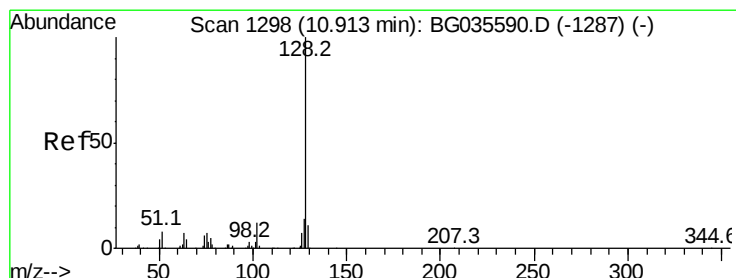
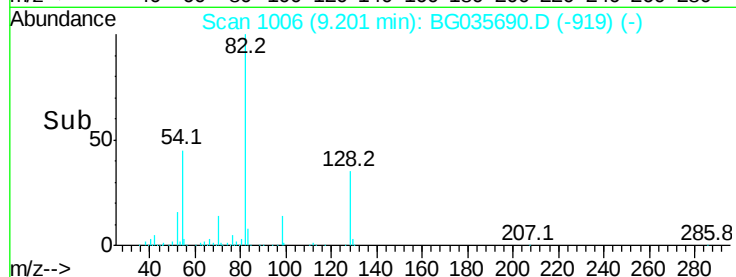
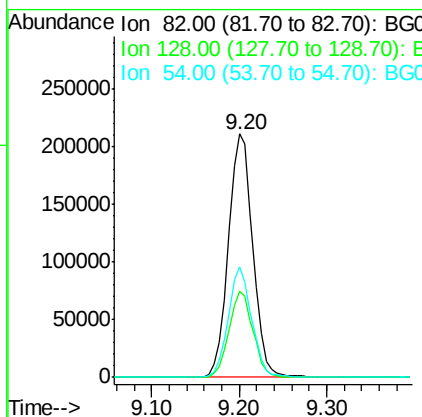
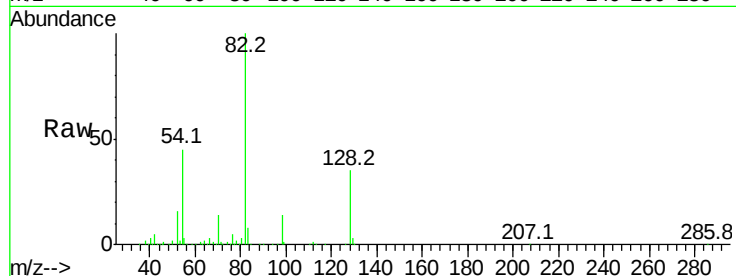




#23
Nitrobenzene-d5
Concen: 95.604 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

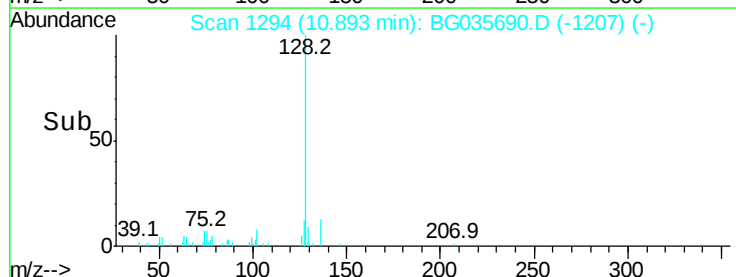
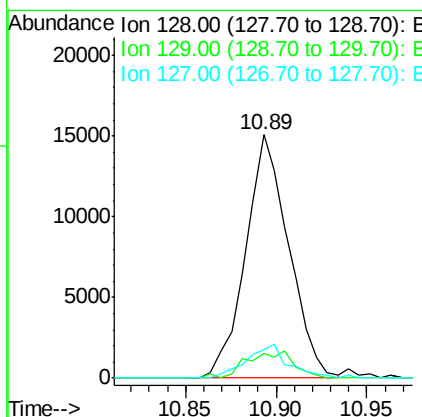
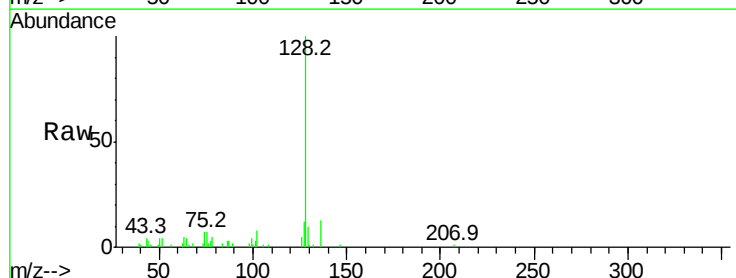
Instrument :
BNA_G
ClientSampleId :
PL-01-071318-C

Tot Ion	82	Resp	400589
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.7	44.5
54	45.4	43.1	64.7



#31
Naphthalene
Concen: 2.734 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

Tgt Ion	128	Resp	24929
Ion Ratio	Lower	Upper	
128	100		
129	10.0	8.6	12.8
127	11.9	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG035690.D

Acq: 17 Jul 2018 19:52

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-C

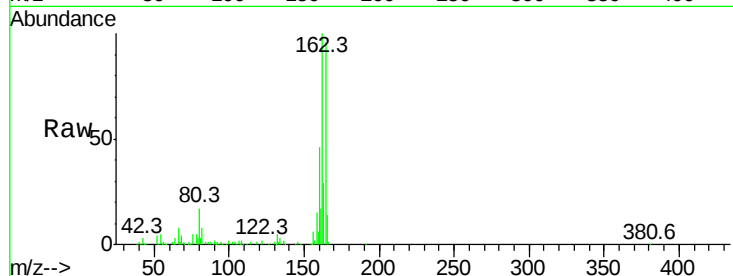
Tot Ion:164 Resp: 115634

Ion Ratio Lower Upper

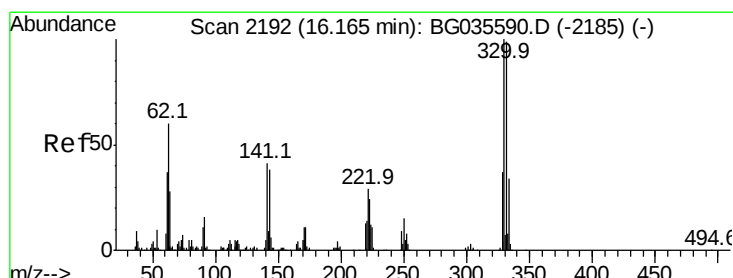
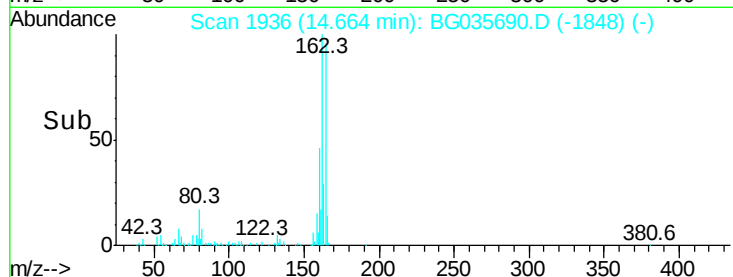
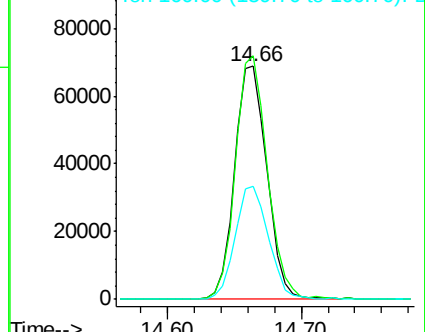
164 100

162 104.6 78.8 118.2

160 48.4 35.4 53.0



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: 160.202 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG035690.D

Acq: 17 Jul 2018 19:52

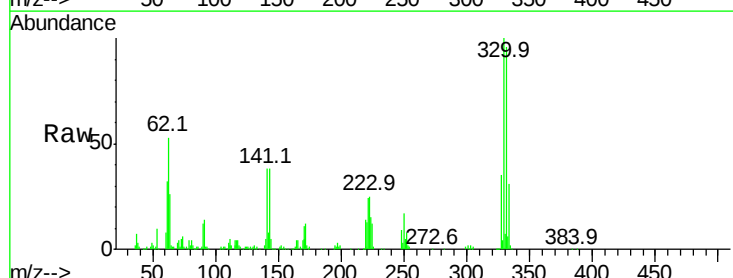
Tgt Ion:330 Resp: 244169

Ion Ratio Lower Upper

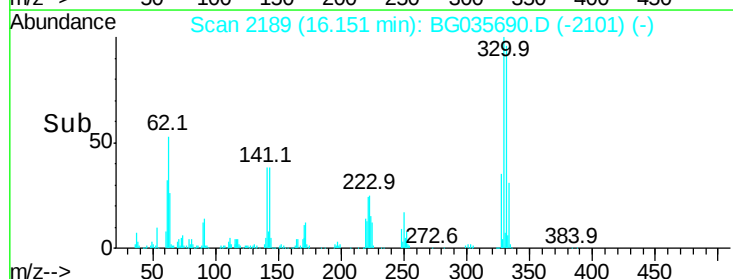
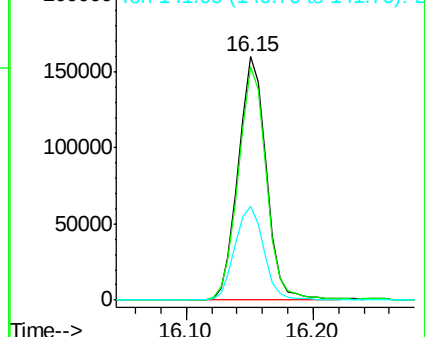
330 100

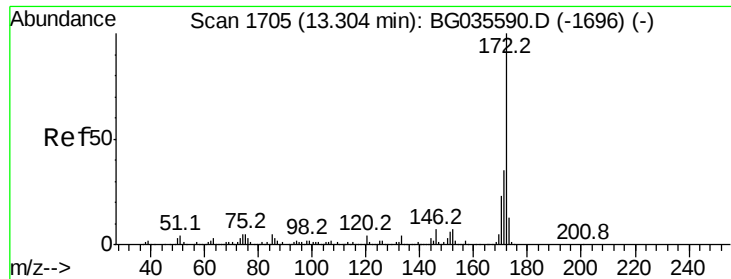
332 96.3 77.0 115.6

141 39.8 25.2 37.8#



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: 96.978 ng

RT: 13.28 min Scan# 1701

Delta R.T. -0.02 min

Lab File: BG035690.D

Acq: 17 Jul 2018 19:52

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-C

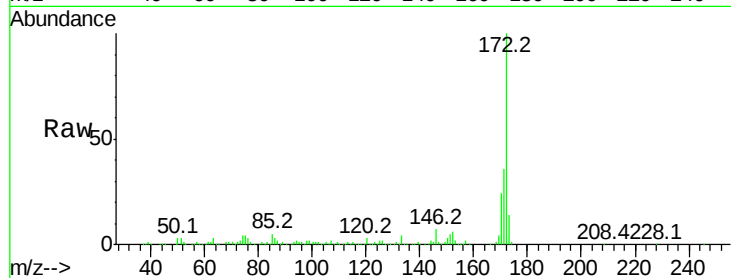
Tot Ion:172 Resp: 837021

Ion Ratio Lower Upper

172 100

171 35.5 30.0 45.0

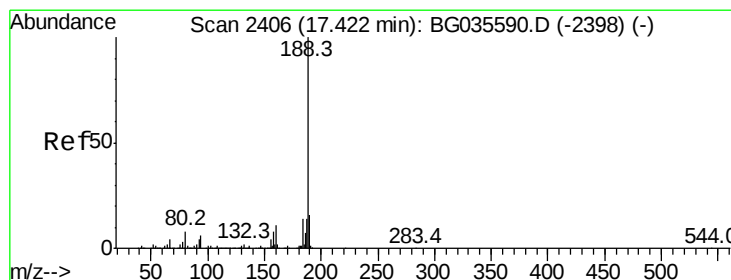
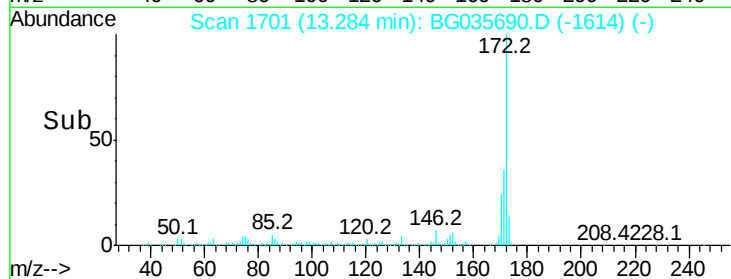
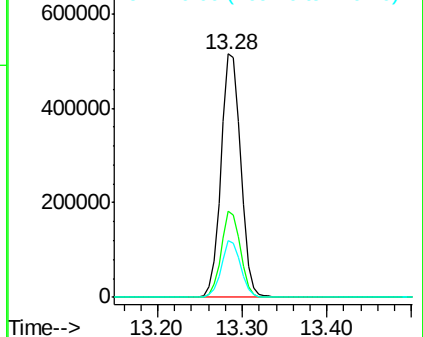
170 23.5 19.5 29.3



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: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG035690.D

Acq: 17 Jul 2018 19:52

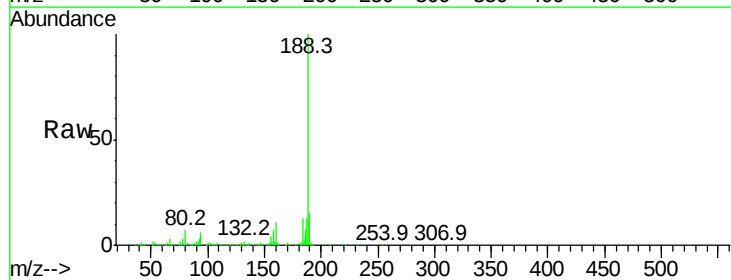
Tgt Ion:188 Resp: 320530

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

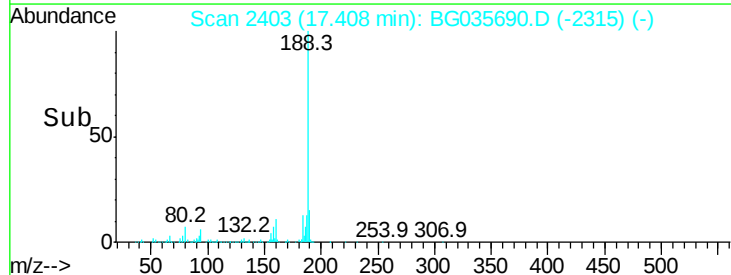
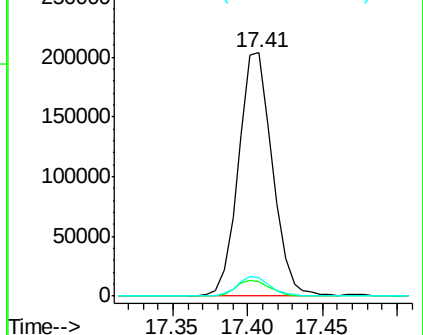
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG035690.D

Acq: 17 Jul 2018 19:52

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-C

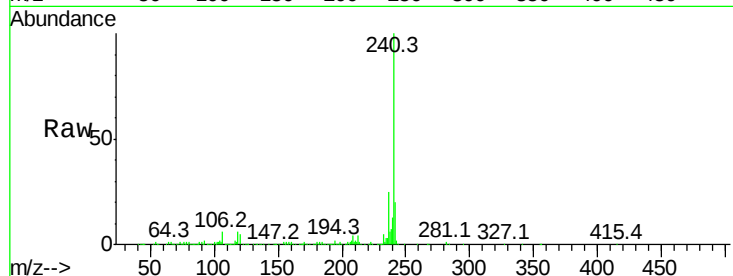
Tot Ion:240 Resp: 382880

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

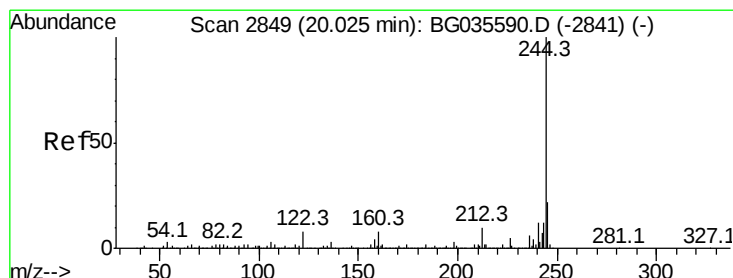
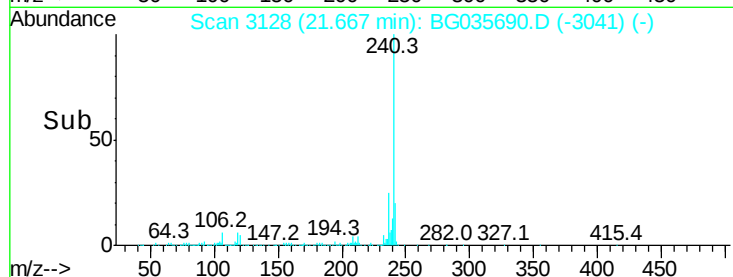
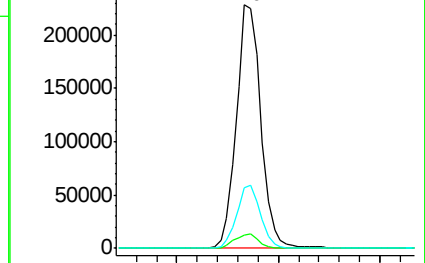
236 25.1 20.9 31.3



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: 97.630 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035690.D

Acq: 17 Jul 2018 19:52

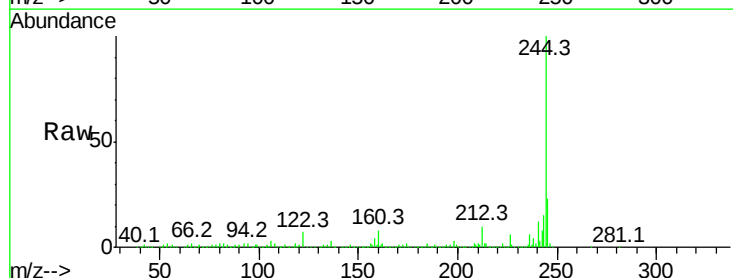
Tgt Ion:244 Resp: 1695796

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

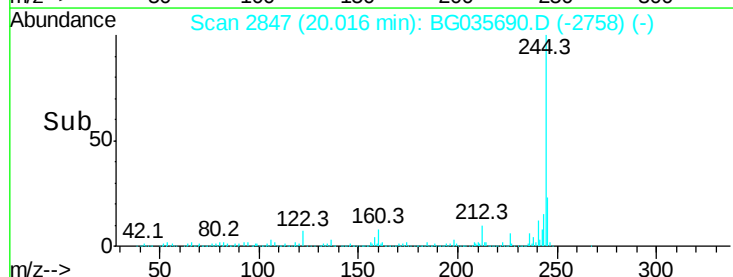
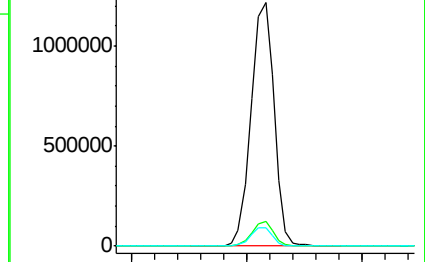
122 7.5 7.0 10.4

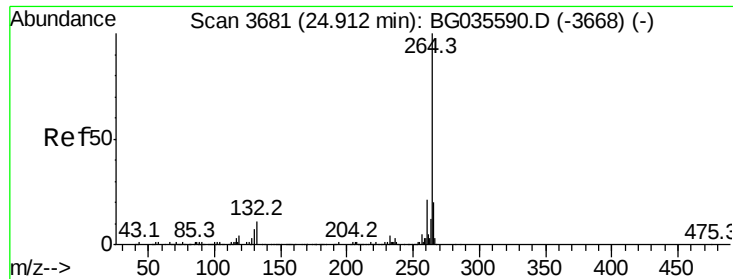


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

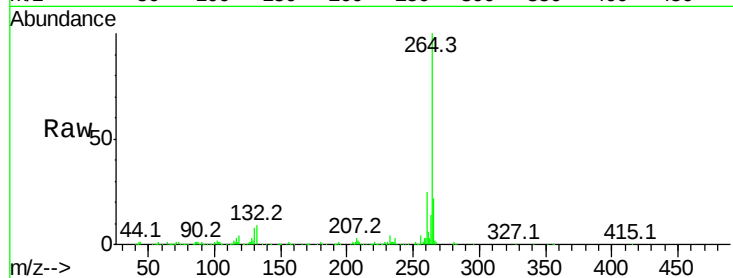




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

Instrument :
BNA_G
ClientSampleId :
PL-01-071318-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	22.0	17.7	26.5



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

