

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035810.D
 Acq On : 21 Jul 2018 8:26
 Operator : JU/SJ
 Sample : J4062-24
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Jul 23 01:43:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	47607	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	160523	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	111456	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	303505	20.00	ng	0.00
75) Chrysene-d12	21.66	240	353593	20.00	ng	0.00
86) Perylene-d12	24.86	264	329305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	373379	130.21	ng	0.00
7) Phenol-d6	7.20	99	484657	113.28	ng	0.00
23) Nitrobenzene-d5	9.19	82	384533	100.07	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	236687	161.11	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	860877	103.48	ng	0.00
78) Terphenyl-d14	20.00	244	1680617	104.77	ng	0.00

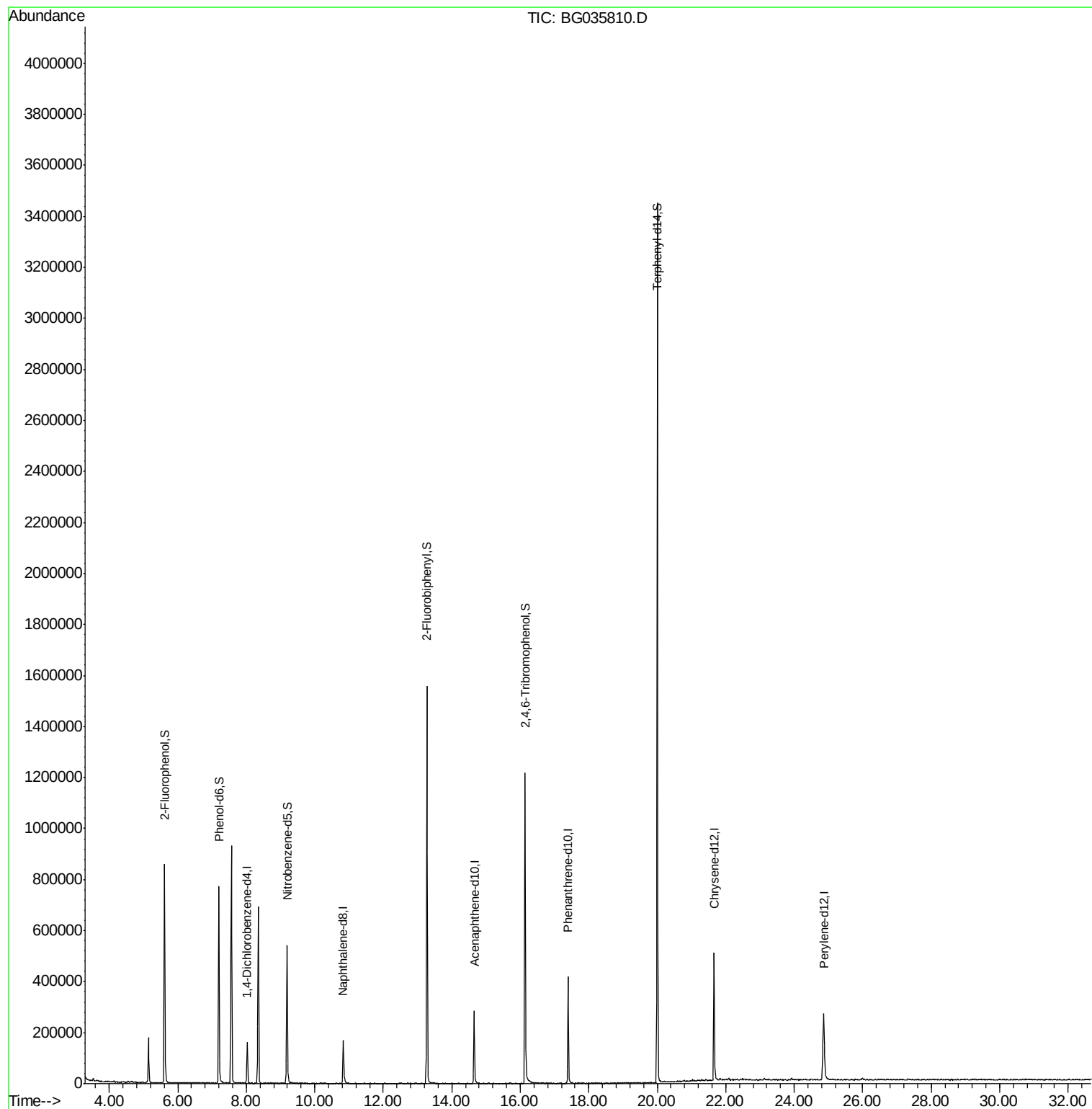
Target Compounds Qvalue

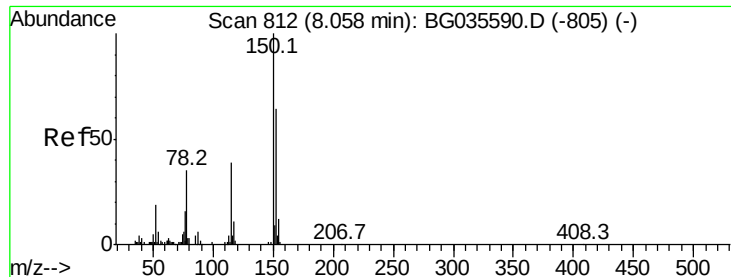
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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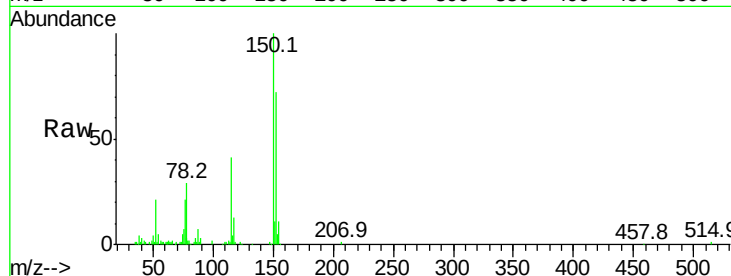


#1

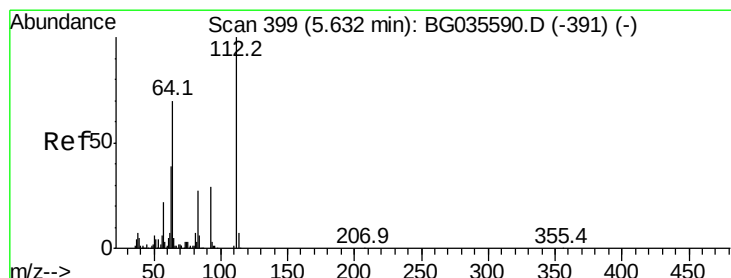
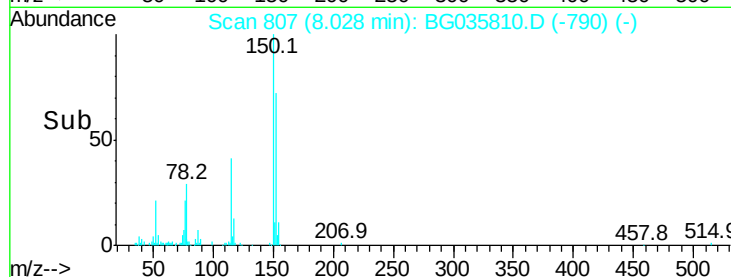
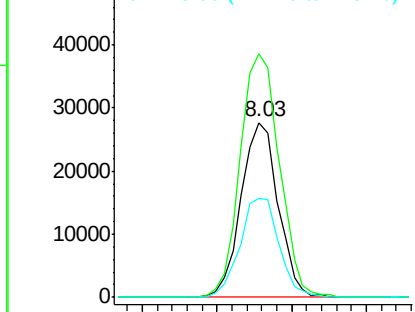
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BG035810.D
 Acq: 21 Jul 2018 8:26

Instrument :
 BNA_G
 ClientSampled :
 TP-8

Tot Ion:152 Resp: 47607
 Ion Ratio Lower Upper
 152 100
 150 139.4 126.6 189.8
 115 56.9 53.0 79.4



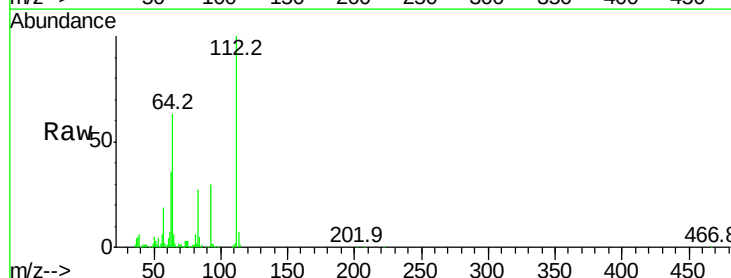
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



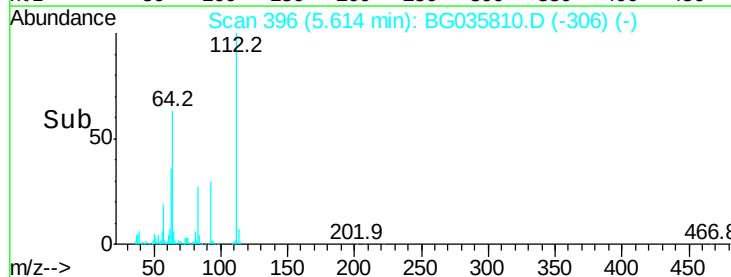
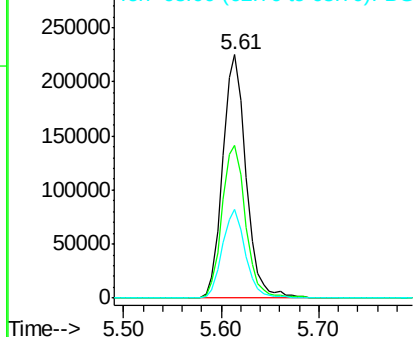
#5

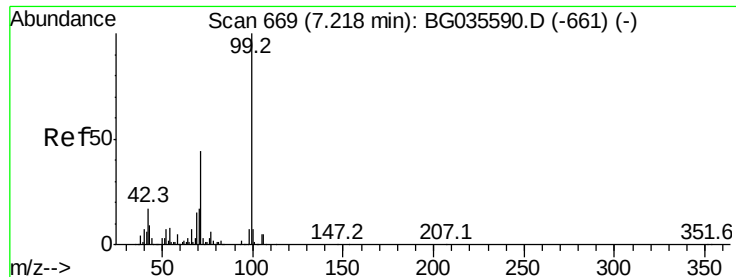
2-Fluorophenol
 Concen: 130.211 ng
 RT: 5.61 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BG035810.D
 Acq: 21 Jul 2018 8:26

Tgt Ion:112 Resp: 373379
 Ion Ratio Lower Upper
 112 100
 64 62.9 56.3 84.5
 63 36.5 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: 113.284 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035810.D

Acq: 21 Jul 2018 8:26

Instrument :

BNA_G

ClientSampleId :

TP-8

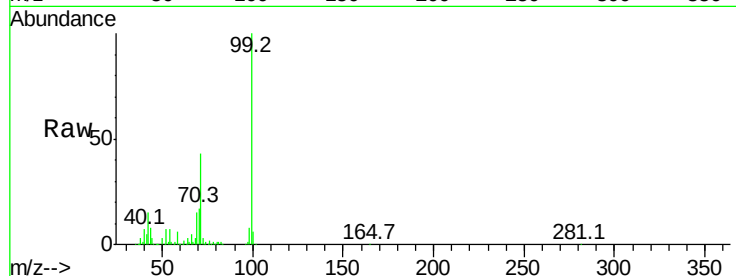
Tot Ion: 99 Resp: 484657

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

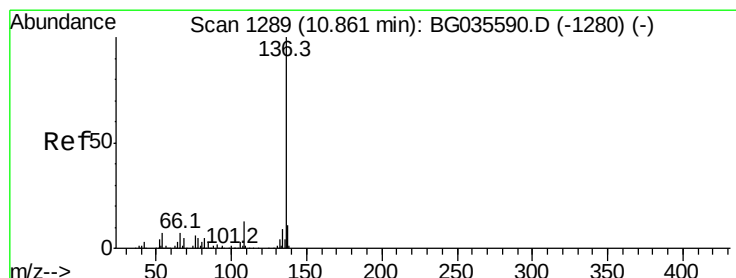
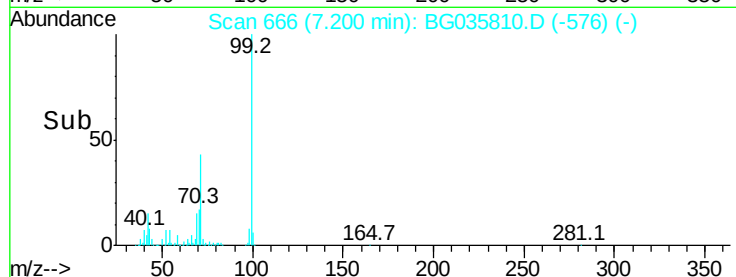
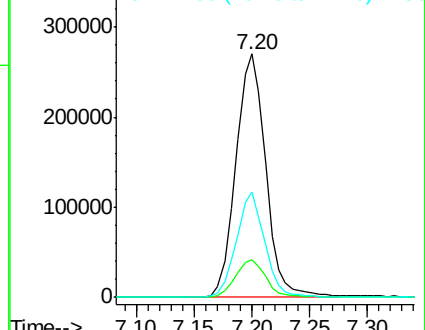
71 43.3 26.1 39.1#



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: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035810.D

Acq: 21 Jul 2018 8:26

Tgt Ion: 136 Resp: 160523

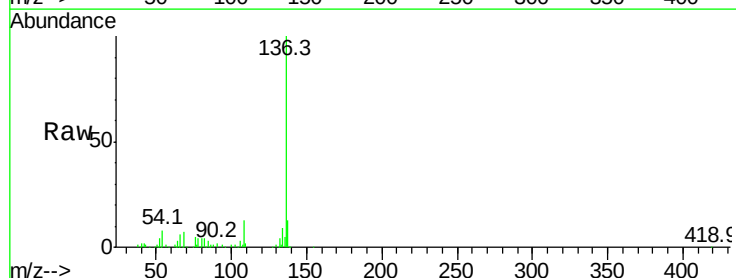
Ion Ratio Lower Upper

136 100

137 12.8 9.2 13.8

54 8.4 10.3 15.5#

68 7.2 4.5 6.7#

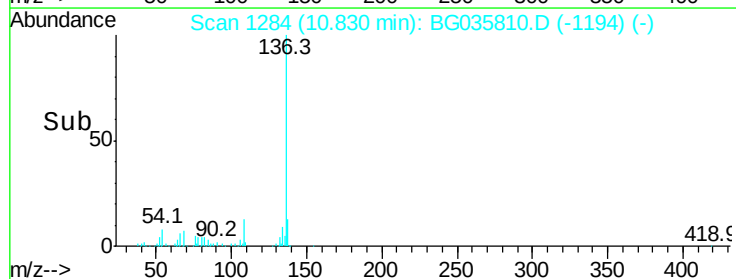
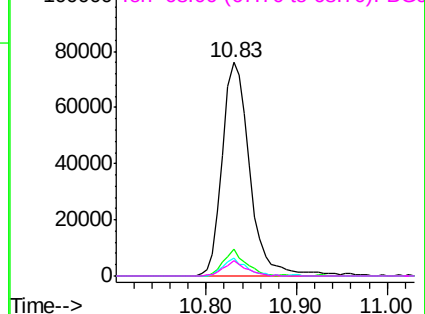


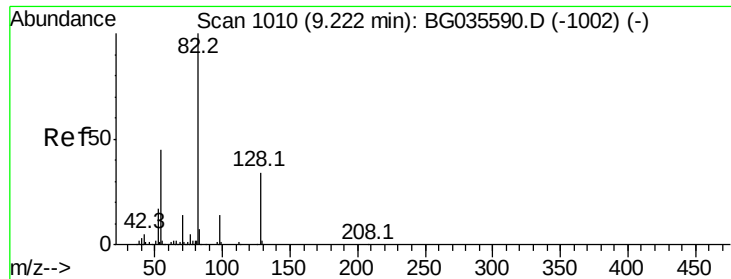
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

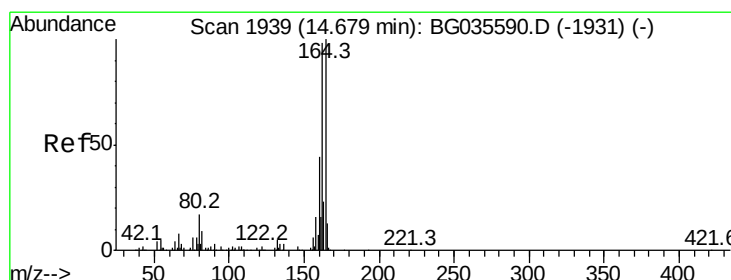
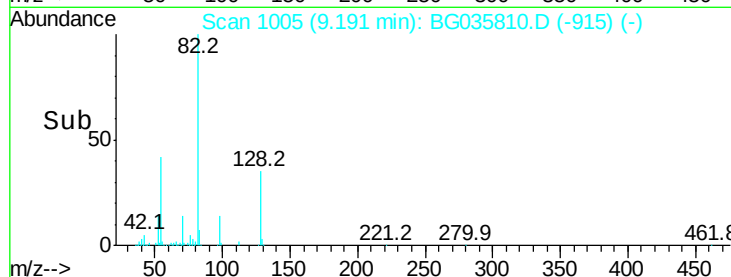
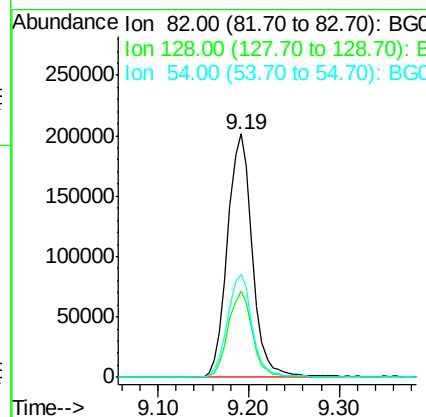
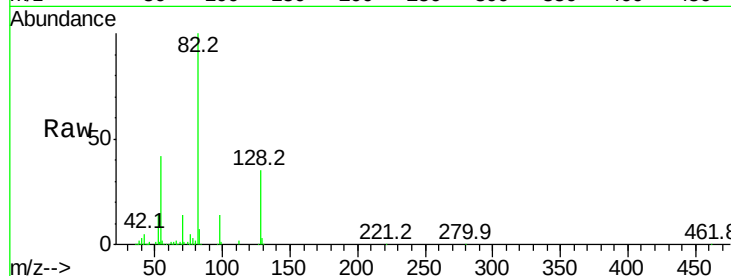




#23
Nitrobenzene-d5
Concen: 100.071 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035810.D
Acq: 21 Jul 2018 8:26

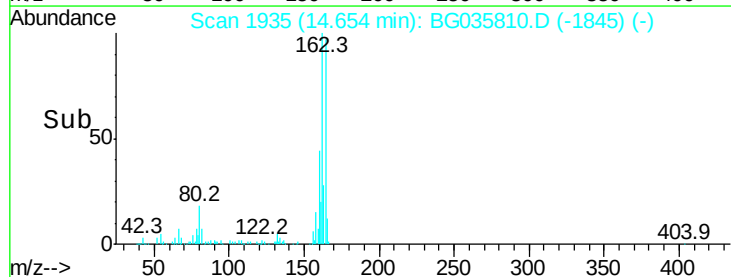
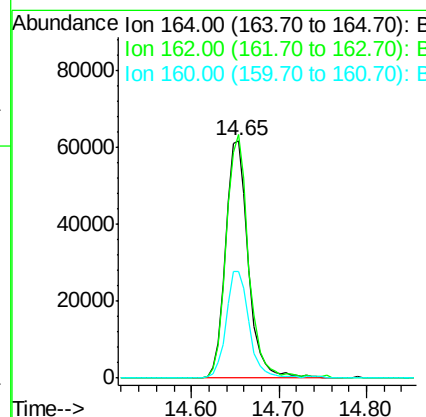
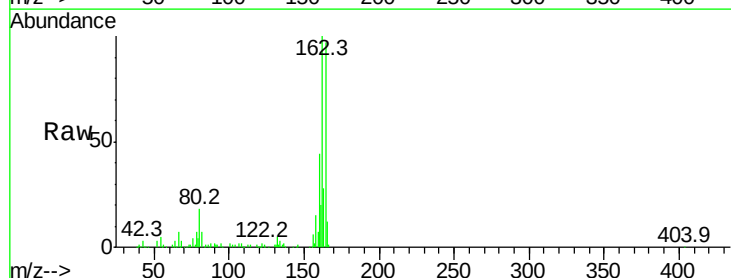
Instrument :
BNA_G
ClientSampleId :
TP-8

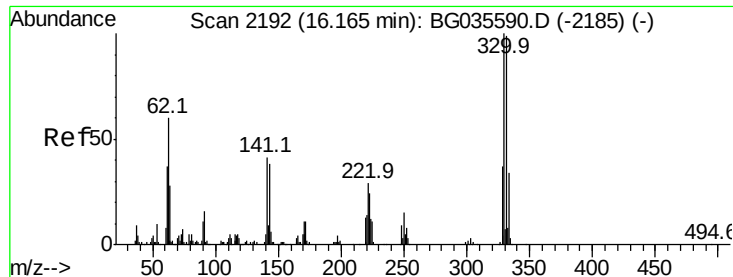
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	42.4	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG035810.D
Acq: 21 Jul 2018 8:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	45.1	35.4	53.0

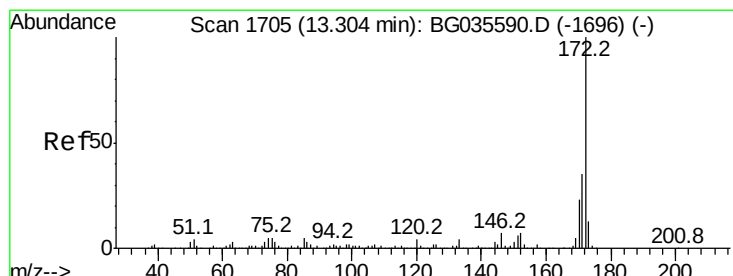
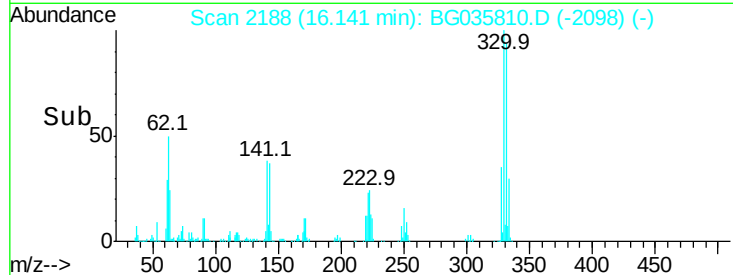
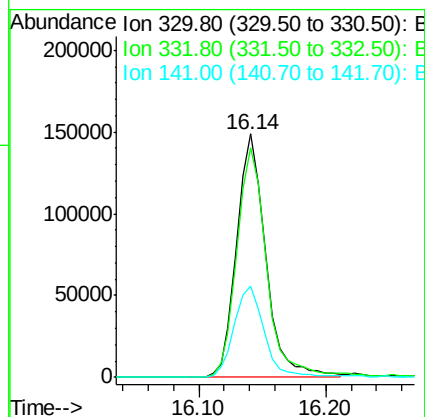
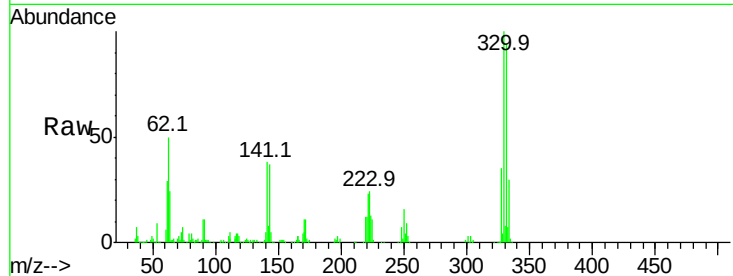




#41
2,4,6-Tribromophenol
Concen: 161.114 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG035810.D
Acq: 21 Jul 2018 8:26

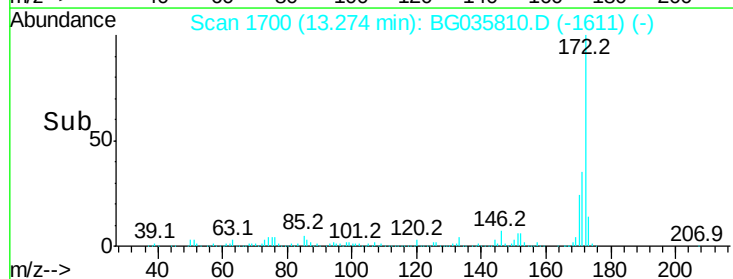
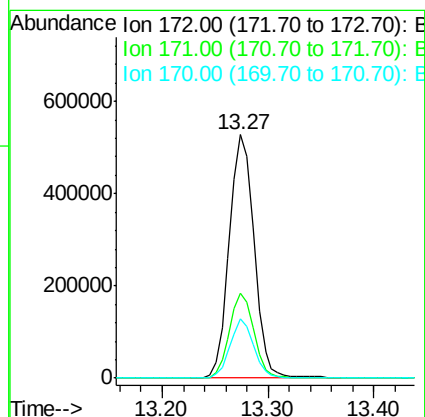
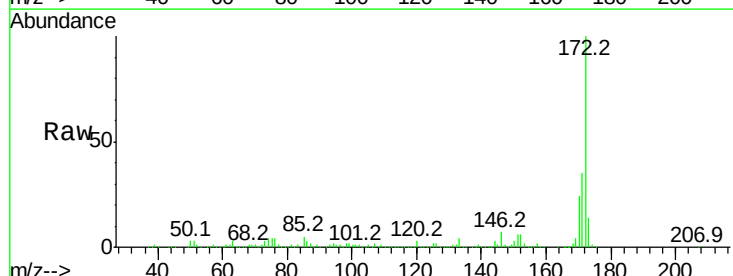
Instrument :
BNA_G
ClientSampleId :
TP-8

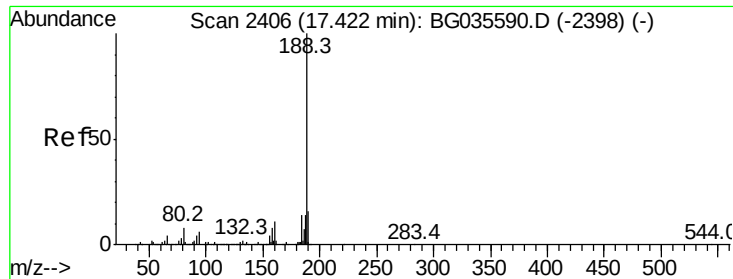
Tot Ion:330 Resp: 236687
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 39.2 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 103.480 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035810.D
Acq: 21 Jul 2018 8:26

Tgt Ion:172 Resp: 860877
Ion Ratio Lower Upper
172 100
171 35.0 30.0 45.0
170 24.4 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BG035810.D

Acq: 21 Jul 2018 8:26

Instrument :

BNA_G

ClientSampleId :

TP-8

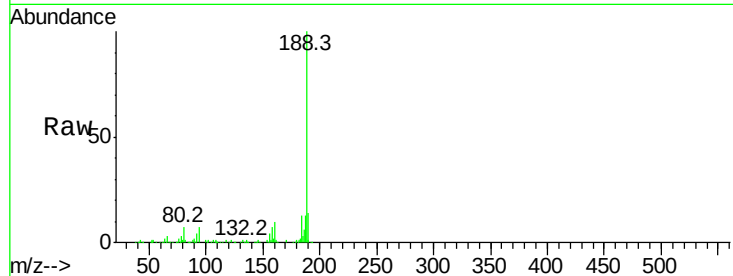
Tot Ion:188 Resp: 303505

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

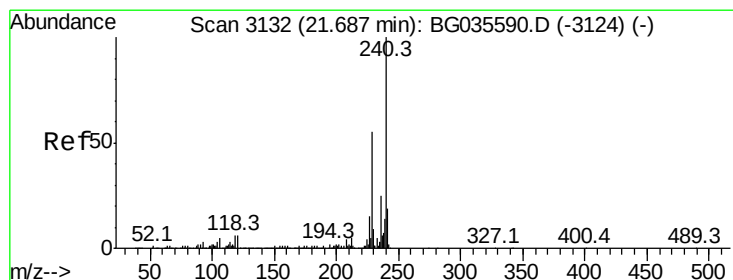
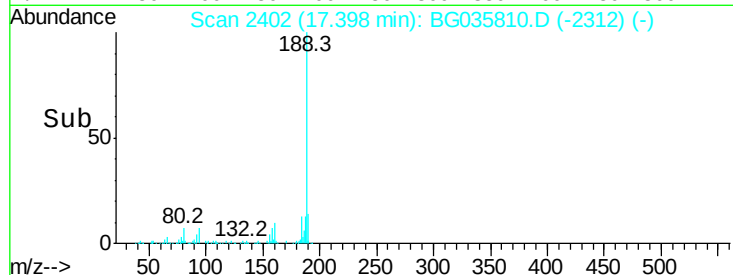
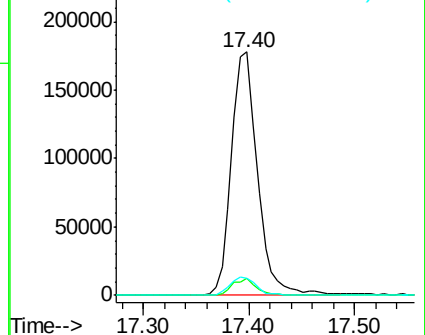
80 6.9 7.7 11.5#



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

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG035810.D

Acq: 21 Jul 2018 8:26

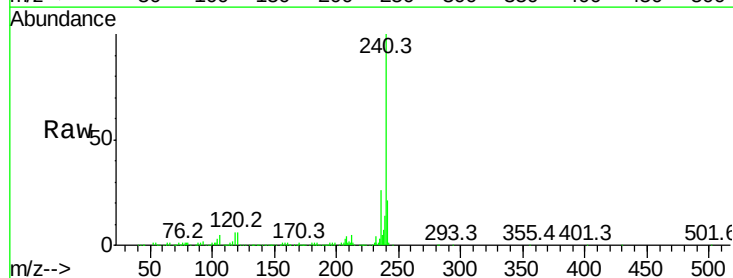
Tgt Ion:240 Resp: 353593

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

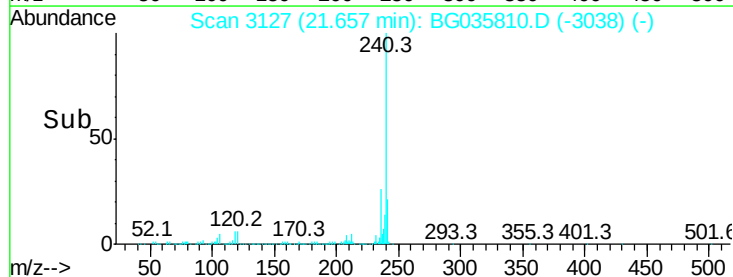
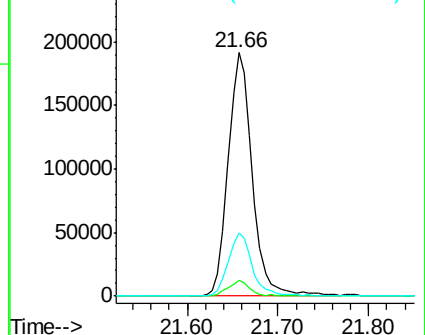
236 25.7 20.9 31.3

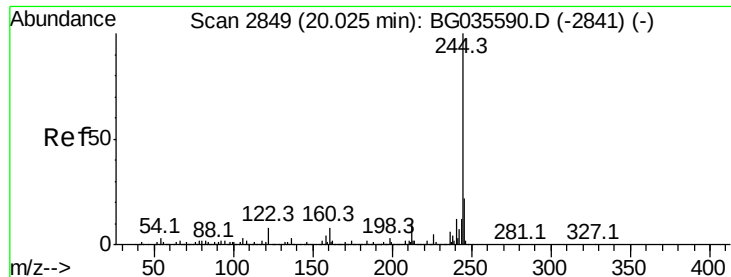


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.770 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035810.D

Acq: 21 Jul 2018 8:26

Instrument :

BNA_G

ClientSampleId :

TP-8

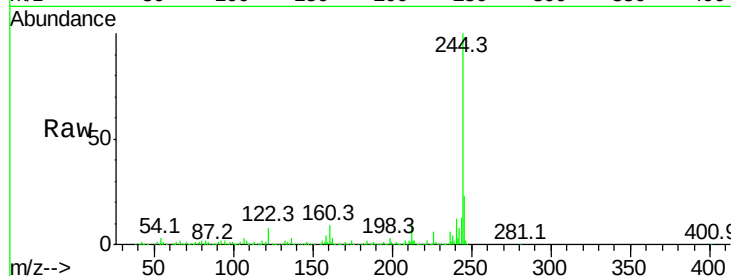
Tot Ion:244 Resp: 1680617

Ion Ratio Lower Upper

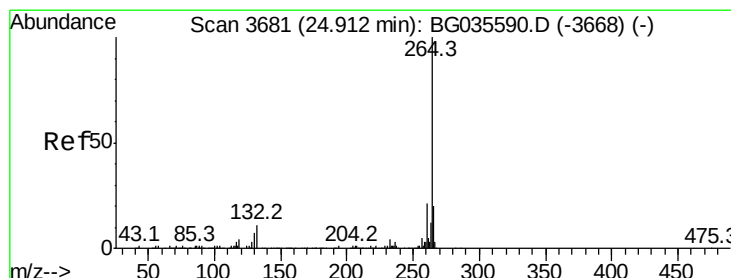
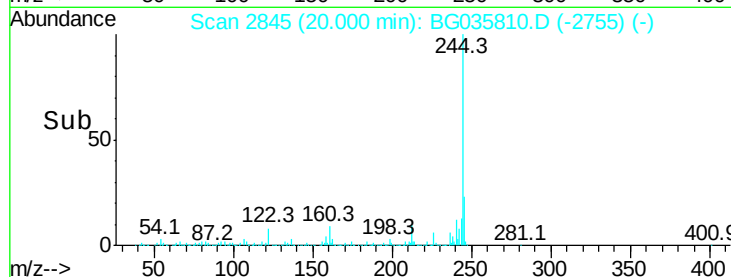
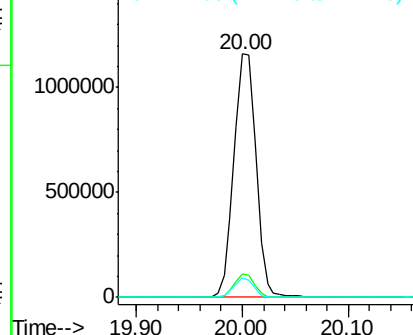
244 100

212 9.7 5.8 8.8#

122 7.9 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

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG035810.D

Acq: 21 Jul 2018 8:26

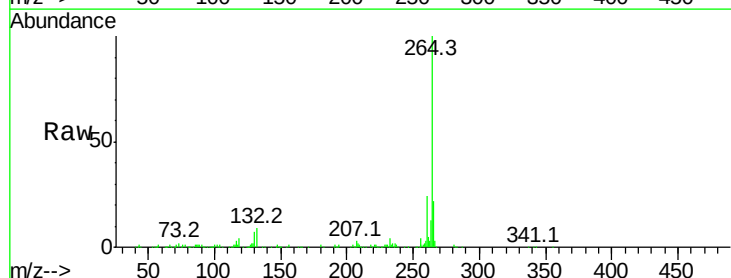
Tgt Ion:264 Resp: 329305

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 22.5 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

