

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035692.D
 Acq On : 17 Jul 2018 21:10
 Operator : JU/SJ
 Sample : J3997-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-F-S

Quant Time: Jul 18 04:10:12 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	51970	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	178217	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	119979	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	333256	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	393328	20.00	ng	-0.02
86) Perylene-d12	24.88	264	370543	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	377572	120.62	ng	0.00
7) Phenol-d6	7.21	99	460445	98.59	ng	0.00
23) Nitrobenzene-d5	9.20	82	410028	96.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	248641	157.23	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	867633	96.88	ng	-0.02
78) Terphenyl-d14	20.01	244	1739803	97.50	ng	-0.01

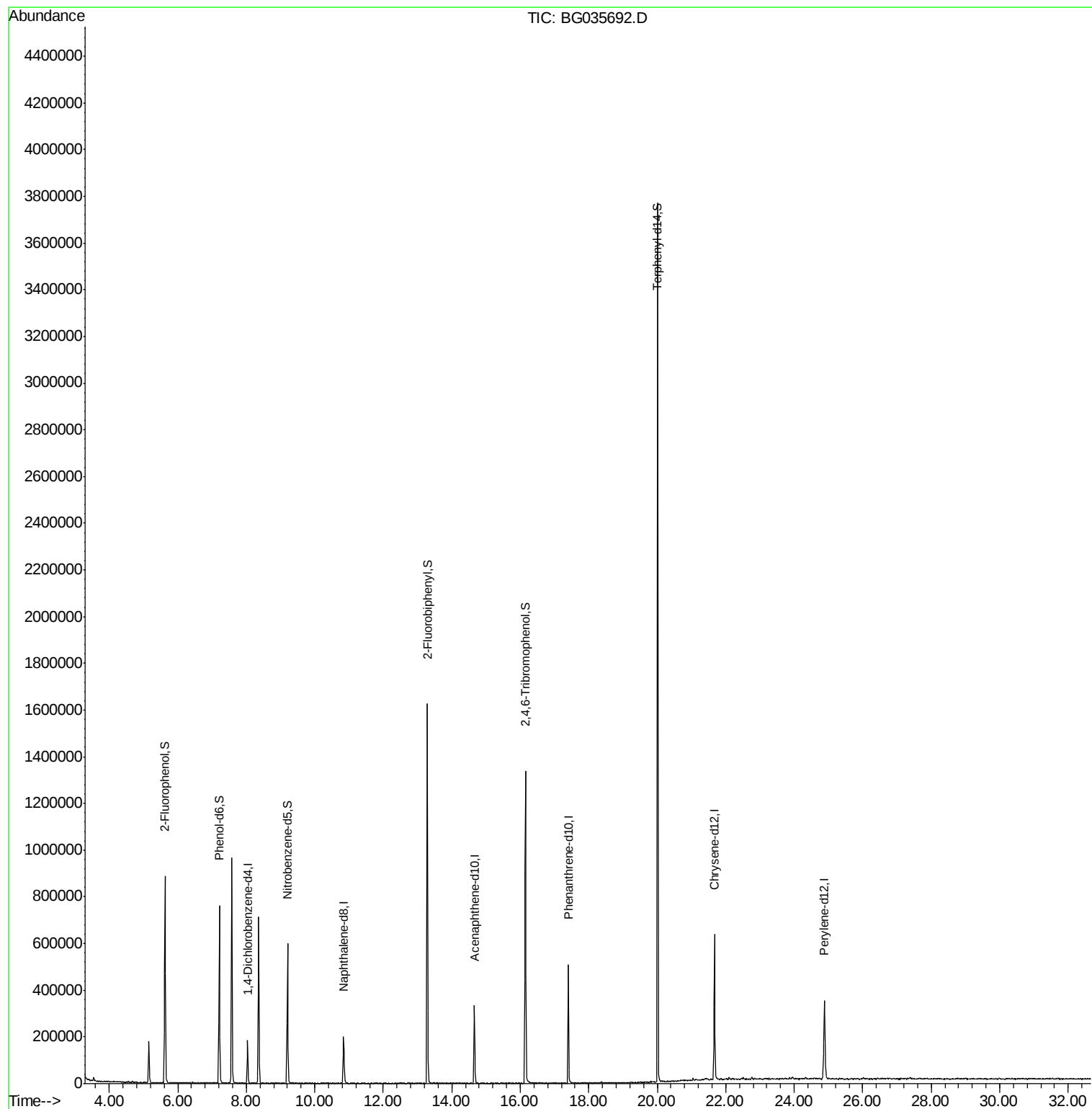
Target Compounds Qvalue

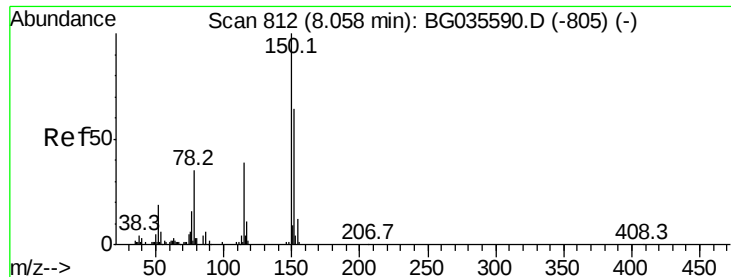
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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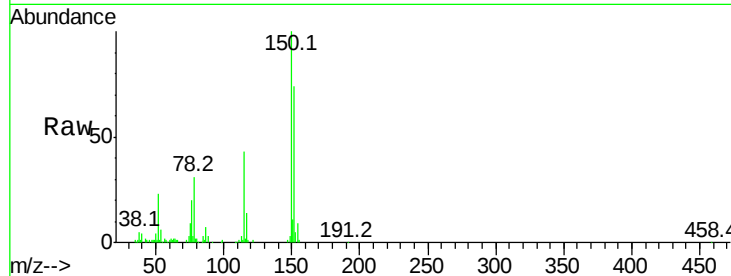


#1

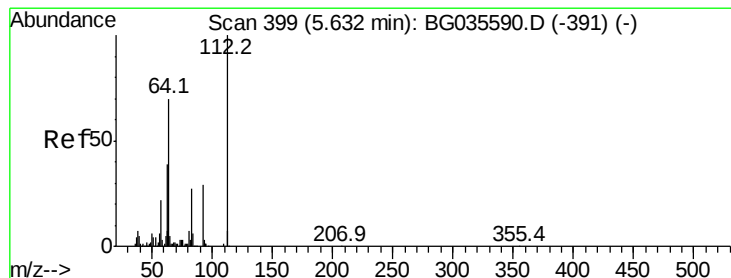
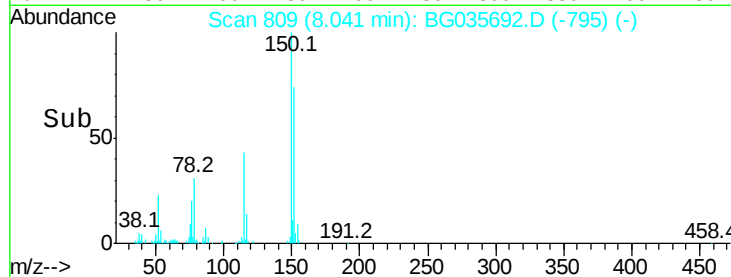
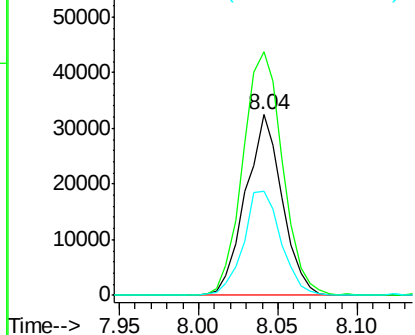
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035692.D
Acq: 17 Jul 2018 21:10

Instrument :
BNA_G
ClientSampleId :
TP-F-S

Tot Ion:152 Resp: 51970
Ion Ratio Lower Upper
152 100
150 135.0 126.6 189.8
115 57.8 53.0 79.4



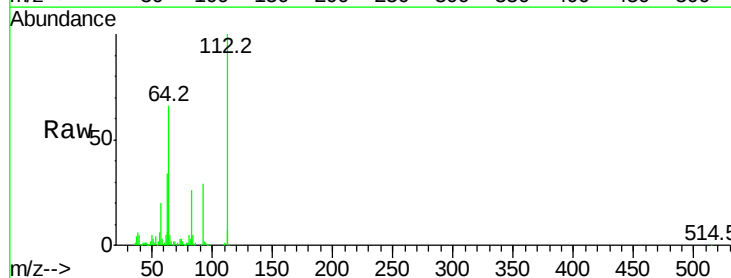
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



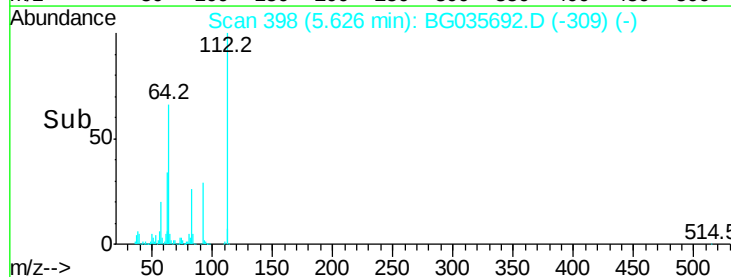
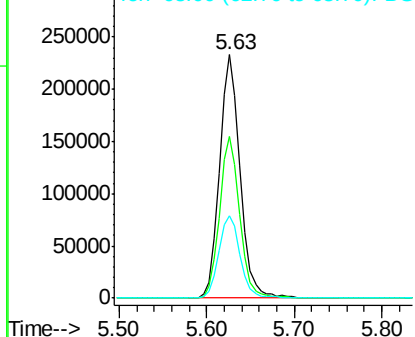
#5

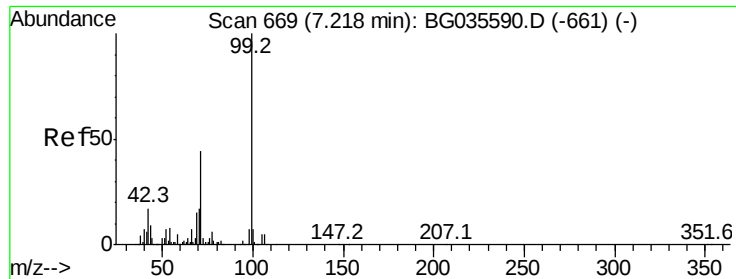
2-Fluorophenol
Concen: 120.619 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035692.D
Acq: 17 Jul 2018 21:10

Tgt Ion:112 Resp: 377572
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 34.0 30.1 45.1



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





#7

Phenol-d6

Concen: 98.589 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035692.D

Acq: 17 Jul 2018 21:10

Instrument :

BNA_G

ClientSampleId :

TP-F-S

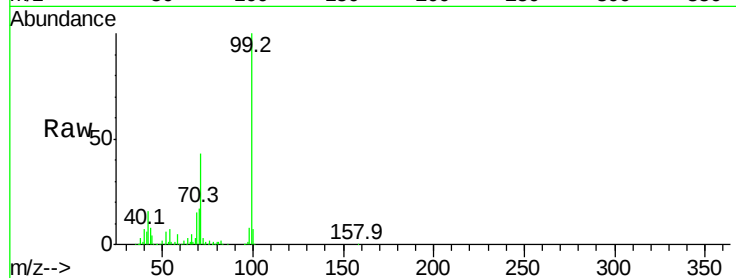
Tot Ion: 99 Resp: 460445

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

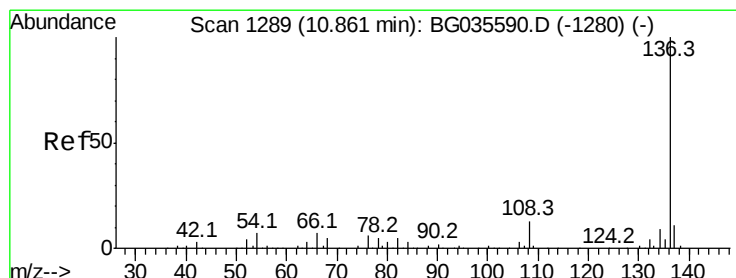
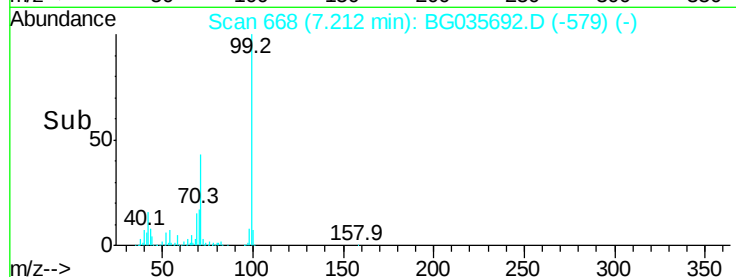
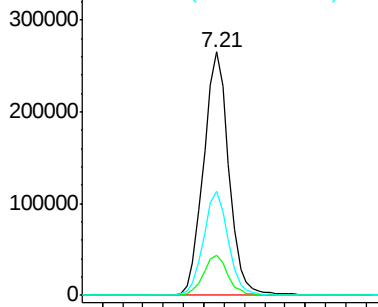
71 42.6 26.1 39.1#



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: 10.84 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BG035692.D

Acq: 17 Jul 2018 21:10

Tgt Ion: 136 Resp: 178217

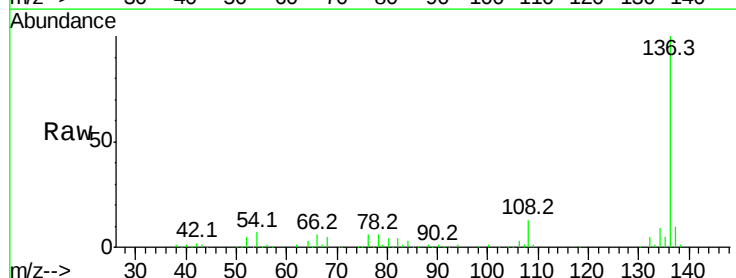
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 6.8 10.3 15.5#

68 5.1 4.5 6.7

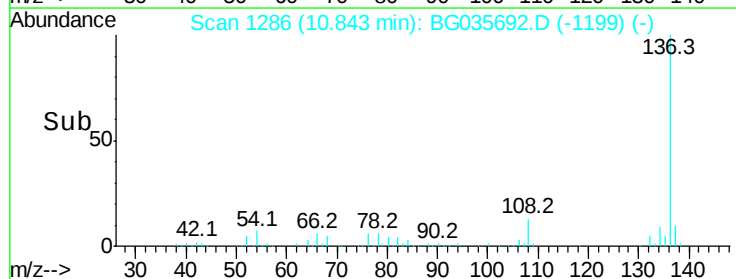
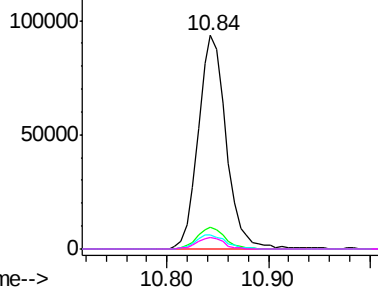


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

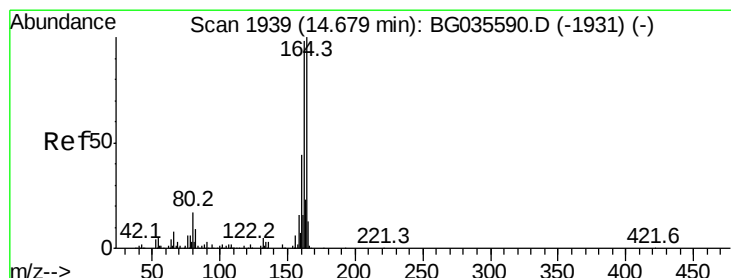
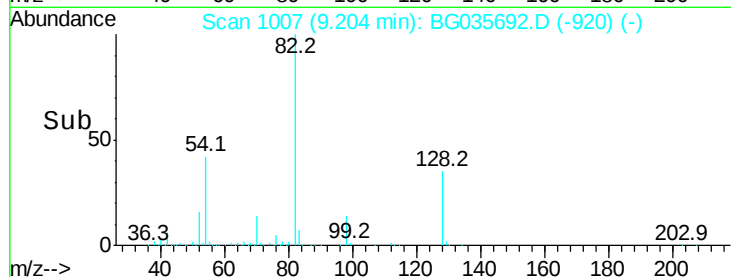
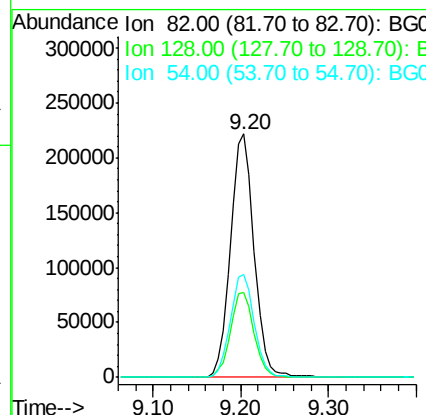
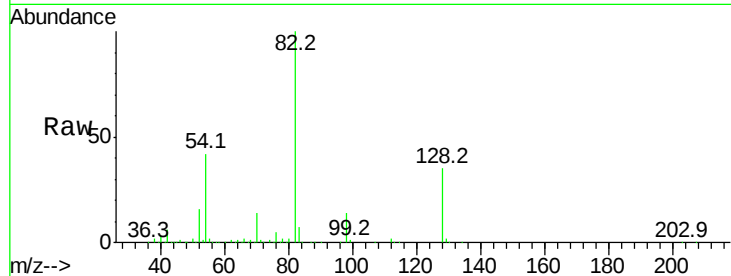




#23
 Nitrobenzene-d5
 Concen: 96.112 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BG035692.D
 Acq: 17 Jul 2018 21:10

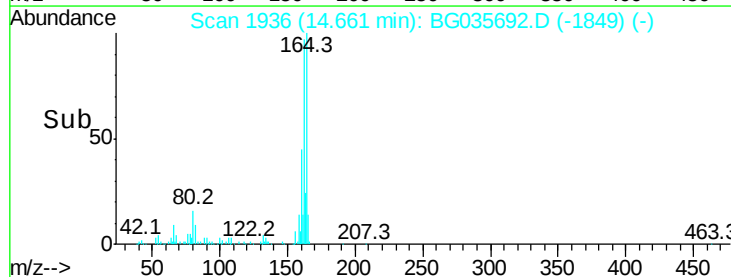
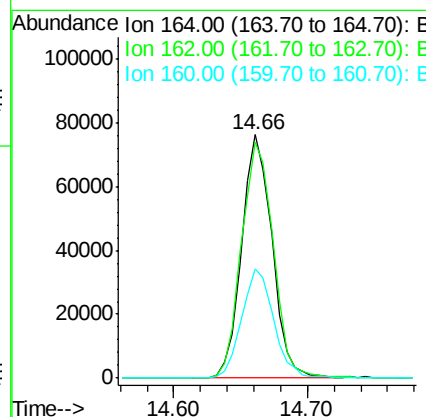
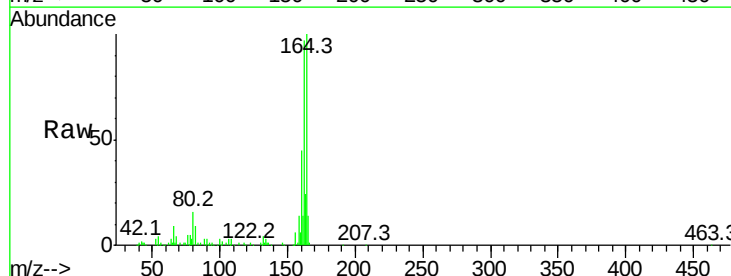
Instrument :
 BNA_G
 ClientSampleId :
 TP-F-S

Tot Ion	82	Resp	410028
Ion Ratio	100	Lower	Upper
128	34.7	29.7	44.5
54	42.1	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BG035692.D
 Acq: 17 Jul 2018 21:10

Tgt Ion	164	Resp	119979
Ion Ratio	100	Lower	Upper
162	96.9	78.8	118.2
160	44.9	35.4	53.0

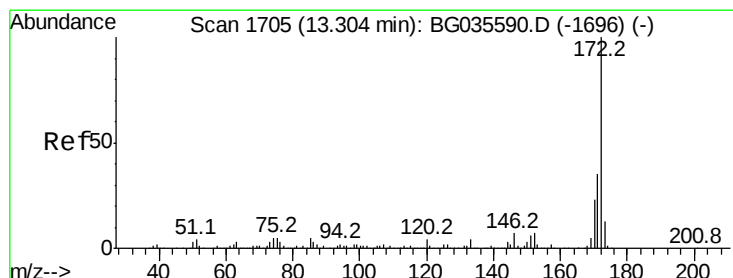
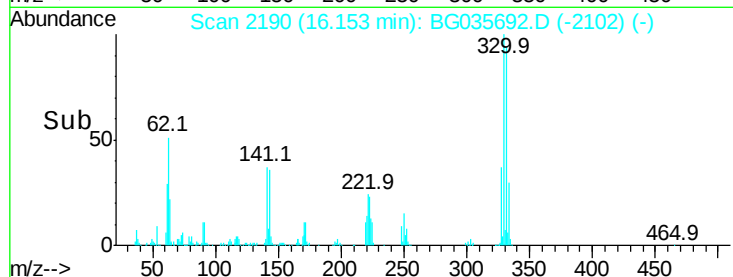
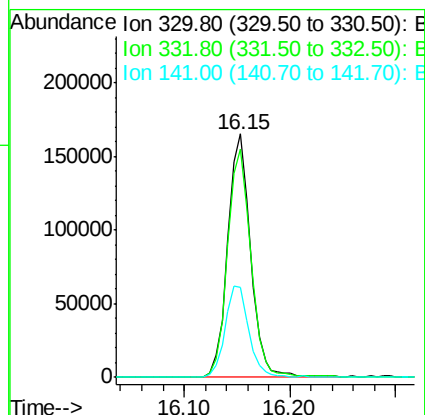
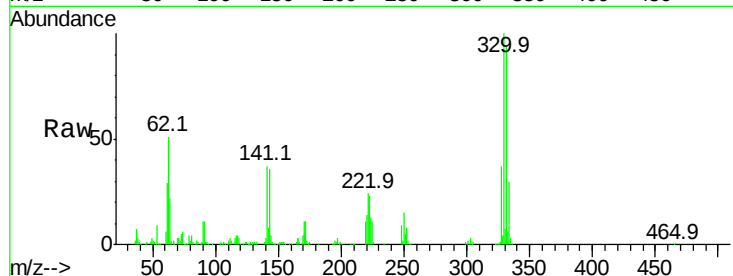




#41
 2,4,6-Tribromophenol
 Concen: 157.228 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG035692.D
 Acq: 17 Jul 2018 21:10

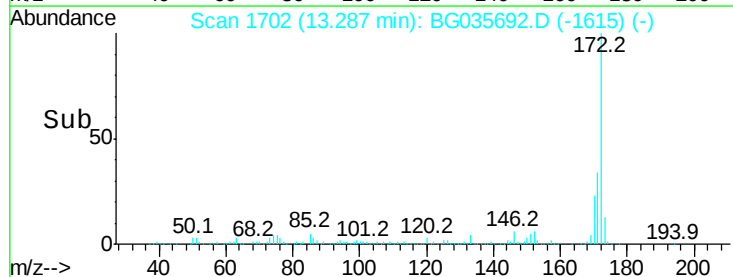
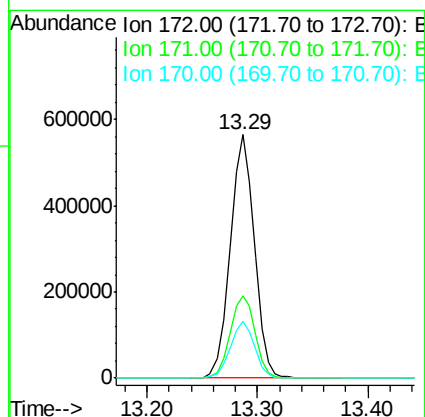
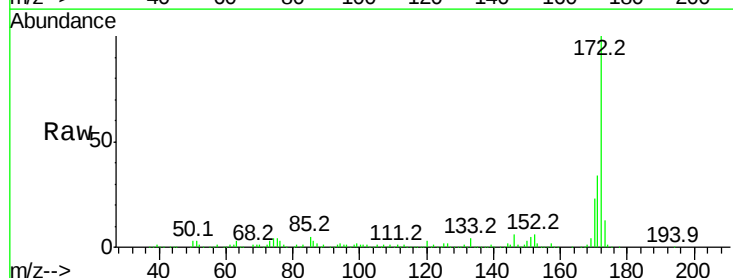
Instrument :
 BNA_G
 ClientSampled :
 TP-F-S

Tot Ion:330 Resp: 248641
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 39.2 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 96.884 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035692.D
 Acq: 17 Jul 2018 21:10

Tgt Ion:172 Resp: 867633
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.0 45.0
 170 23.1 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2403

Delta R.T. -0.02 min

Lab File: BG035692.D

Acq: 17 Jul 2018 21:10

Instrument :

BNA_G

ClientSampled :

TP-F-S

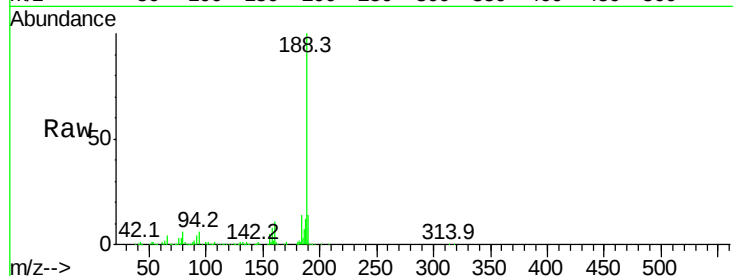
Tot Ion:188 Resp: 333256

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

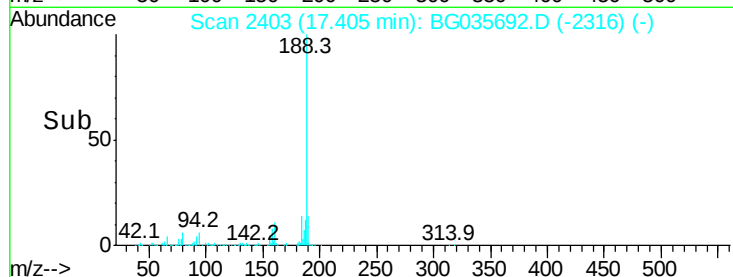
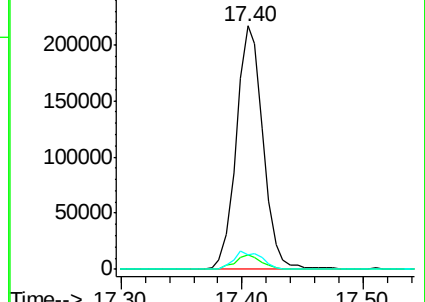
80 6.2 7.7 11.5#



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: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG035692.D

Acq: 17 Jul 2018 21:10

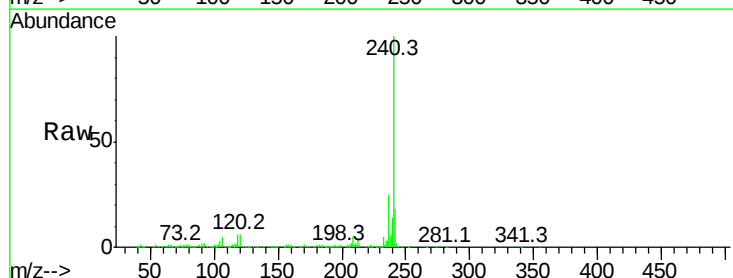
Tgt Ion:240 Resp: 393328

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

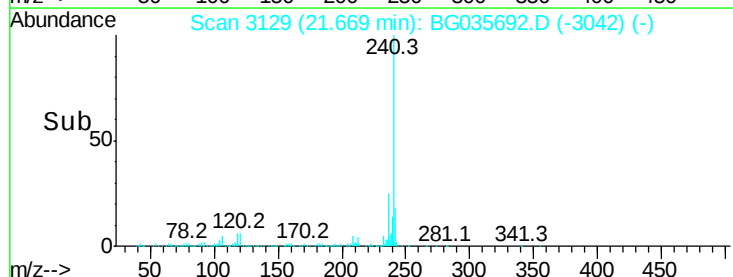
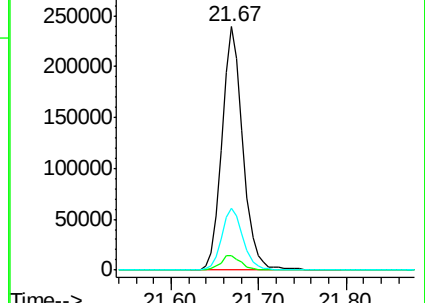
236 25.4 20.9 31.3

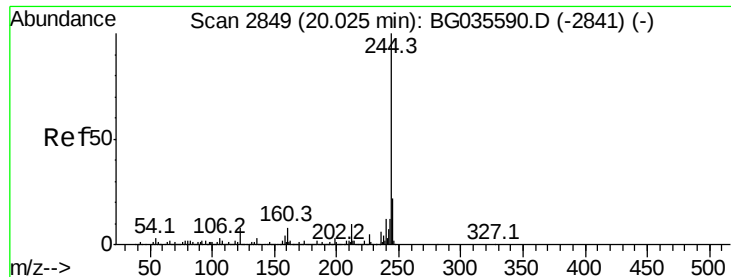


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.503 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035692.D

Acq: 17 Jul 2018 21:10

Instrument :

BNA_G

ClientSampleId :

TP-F-S

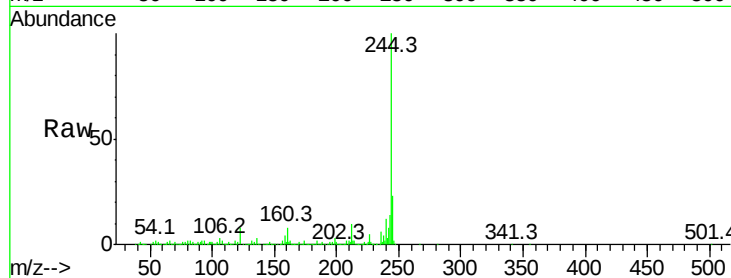
Tot Ion:244 Resp: 1739803

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

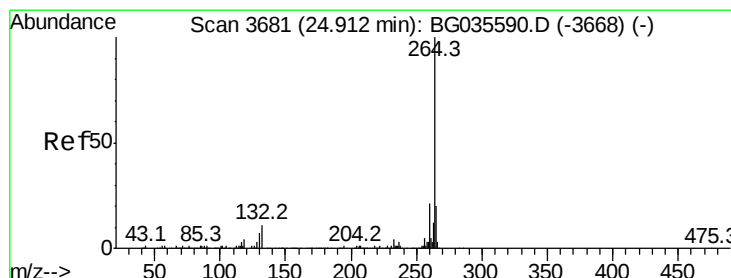
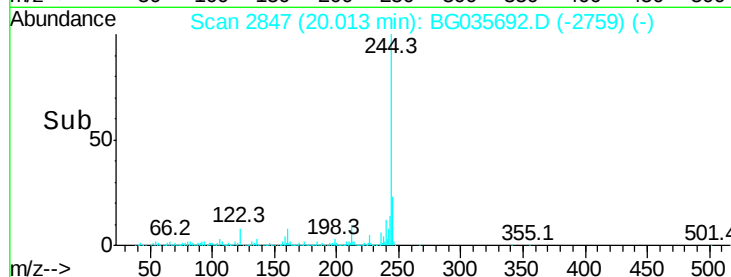
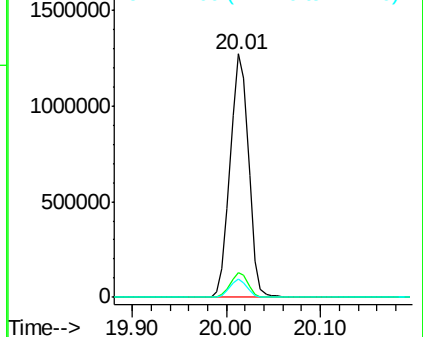
122 7.7 7.0 10.4



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: 24.88 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG035692.D

Acq: 17 Jul 2018 21:10

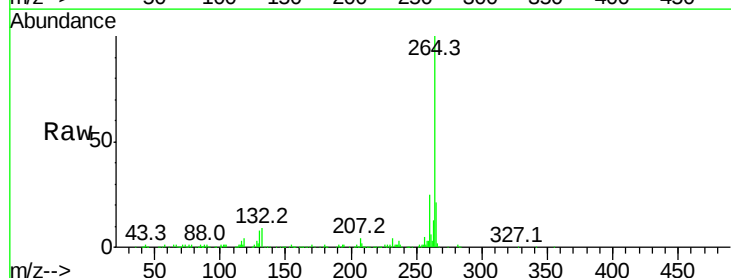
Tgt Ion:264 Resp: 370543

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.1 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

