

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035558.D
 Acq On : 2 Jul 2018 19:39
 Operator : JU/SJ
 Sample : J3248-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-062818-A

Quant Time: Jul 03 05:08:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	33810	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	125173	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	88784	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	233561	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	261324	20.00	ng	-0.02
86) Perylene-d12	24.92	264	253016	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	269696	134.62	ng	0.00
7) Phenol-d6	7.23	99	350366	118.49	ng	0.00
23) Nitrobenzene-d5	9.23	82	283721	107.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	195284	171.82	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	639903	93.70	ng	-0.02
78) Terphenyl-d14	20.03	244	1245962	99.87	ng	-0.02

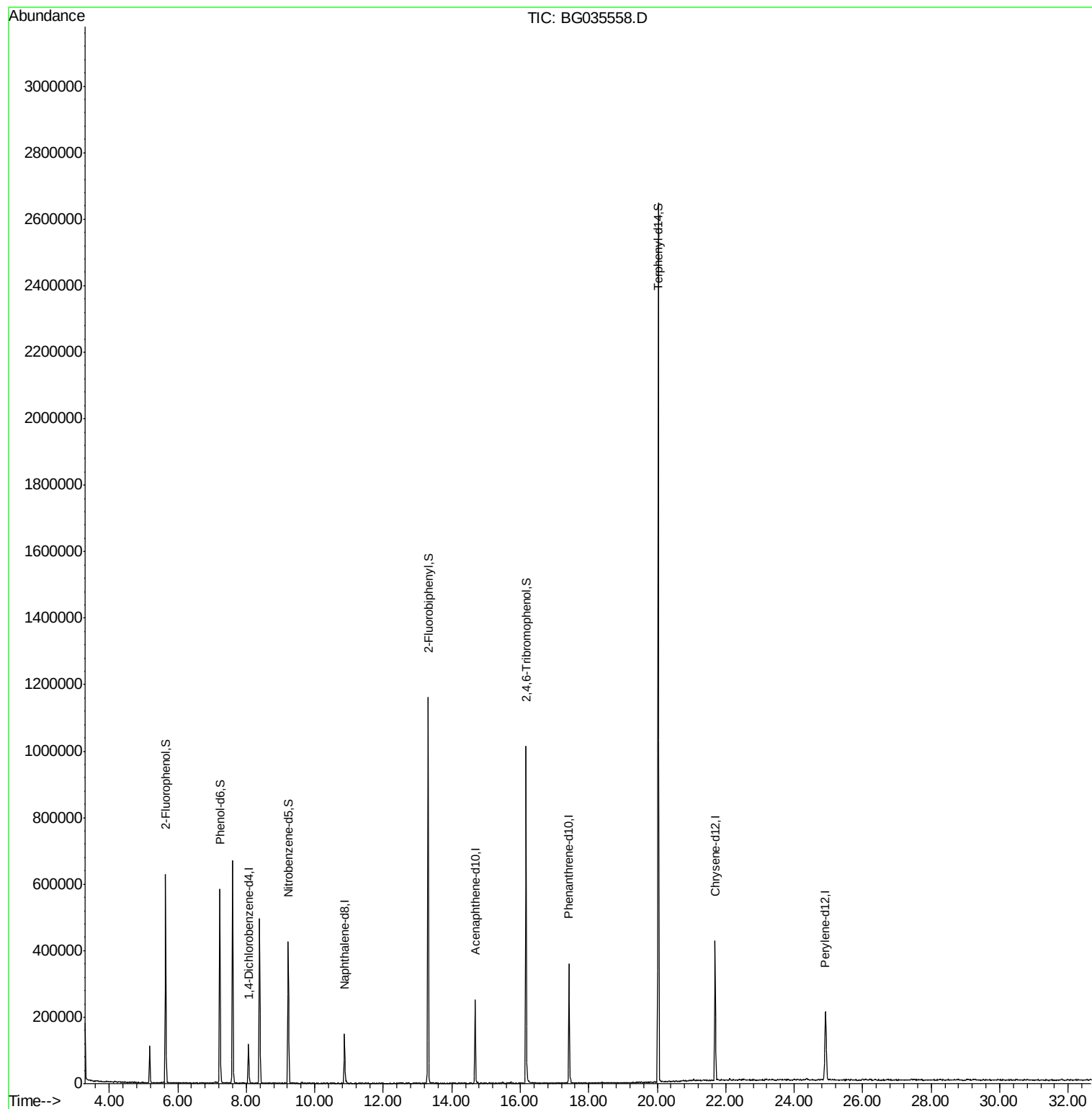
Target Compounds Qvalue

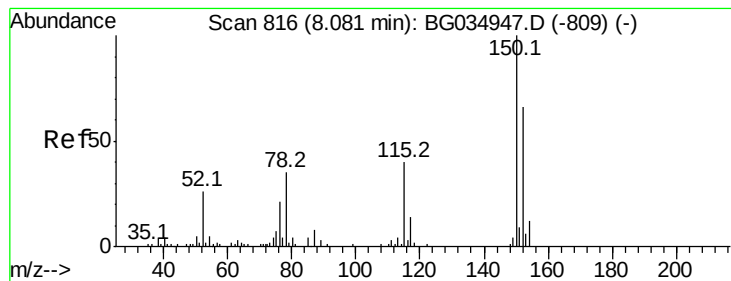
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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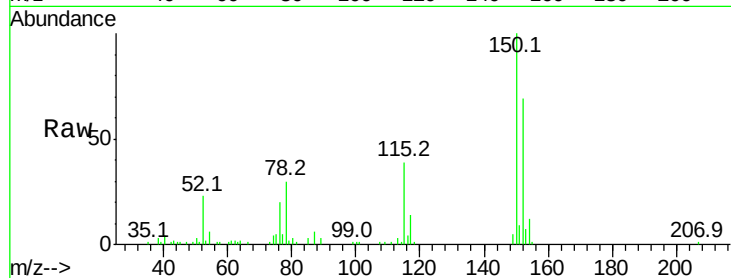


#1

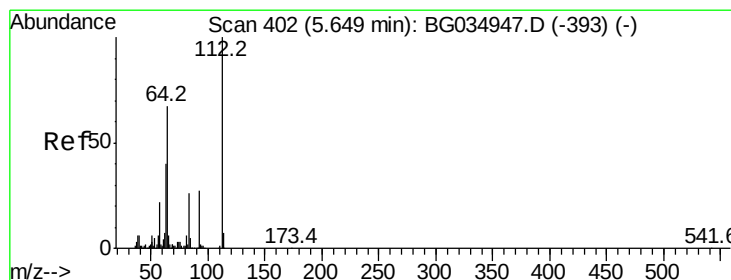
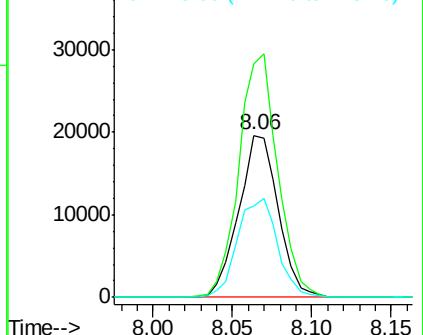
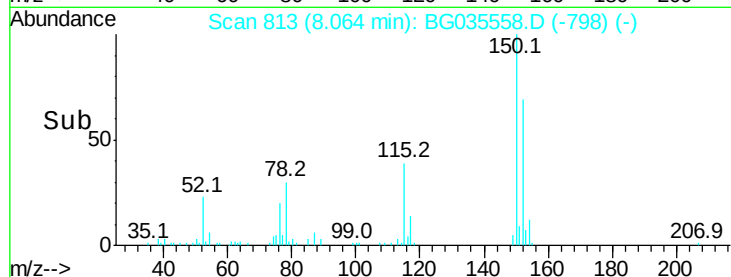
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035558.D
Acq: 2 Jul 2018 19:39

Instrument :
BNA_G
ClientSampleId :
EO-03-062818-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.9	126.6	189.8
115	56.2	53.0	79.4



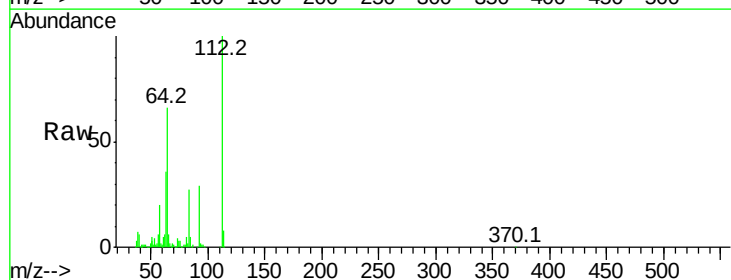
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



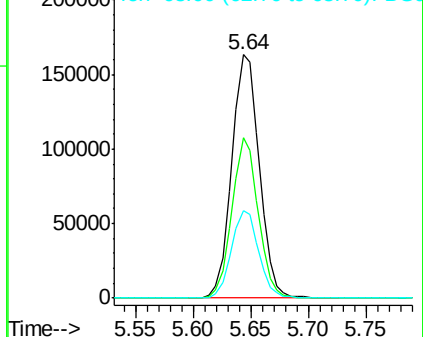
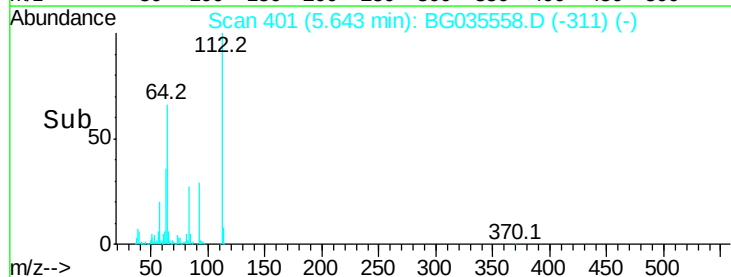
#5

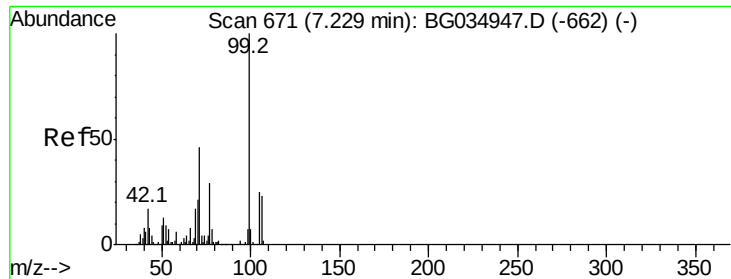
2-Fluorophenol
Concen: 134.617 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035558.D
Acq: 2 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	56.3	84.5
63	35.8	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: 118.489 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG035558.D

Acq: 2 Jul 2018 19:39

Instrument :

BNA_G

ClientSampleId :

EO-03-062818-A

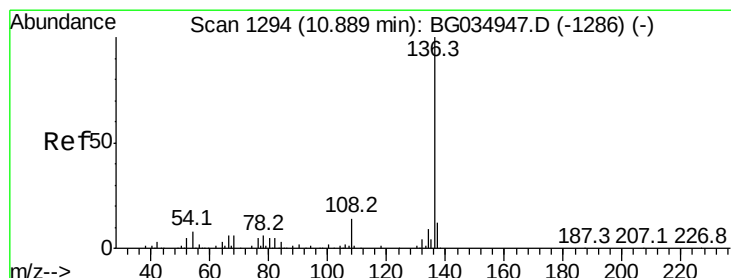
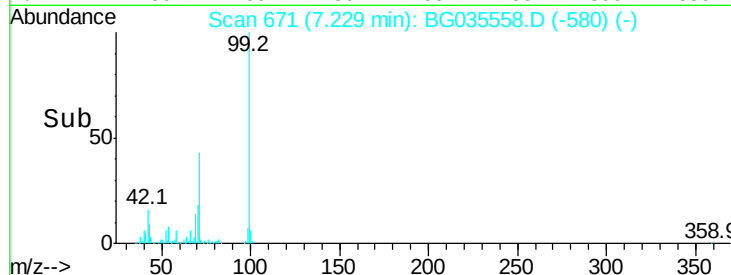
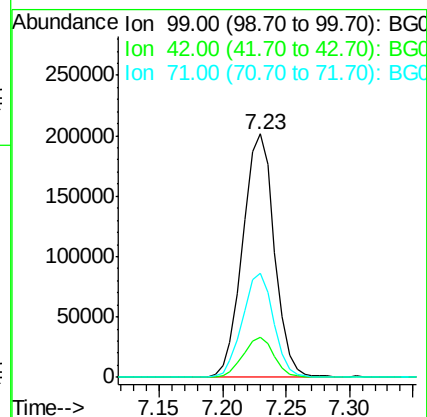
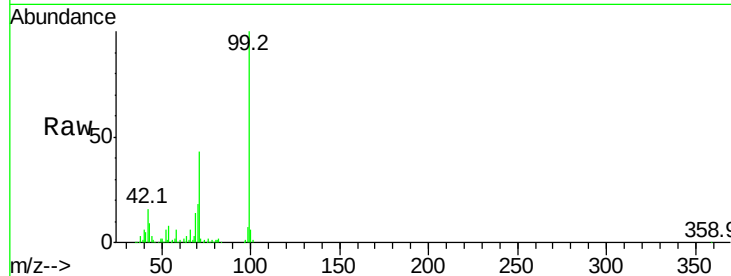
Tot Ion: 99 Resp: 350366

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 42.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG035558.D

Acq: 2 Jul 2018 19:39

Tgt Ion: 136 Resp: 125173

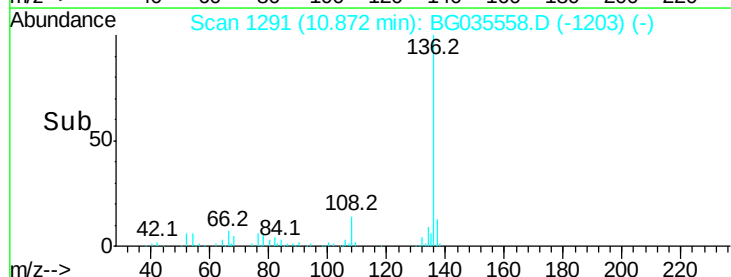
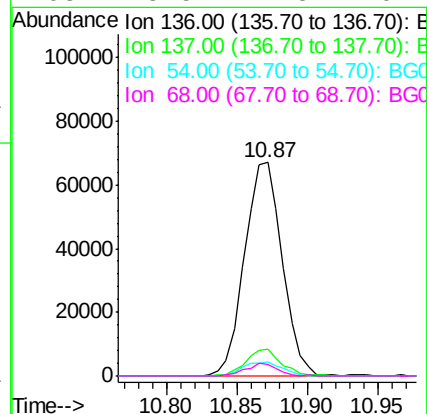
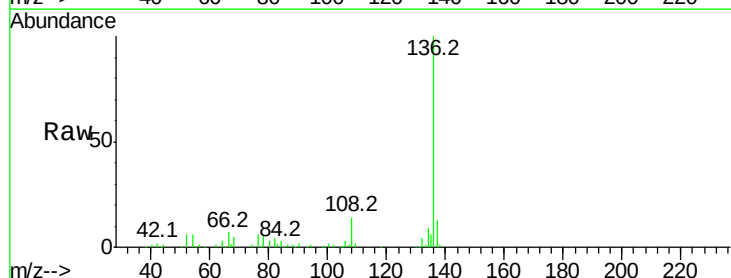
Ion Ratio Lower Upper

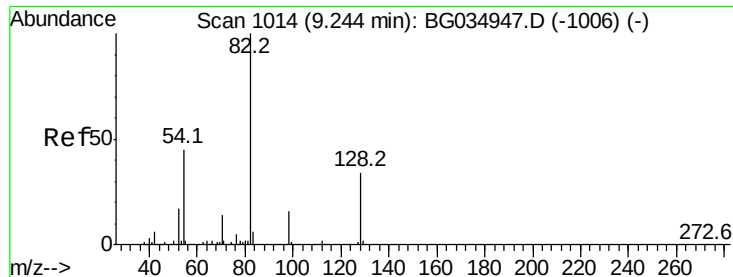
136 100

137 12.5 9.2 13.8

54 6.3 10.3 15.5#

68 5.5 4.5 6.7

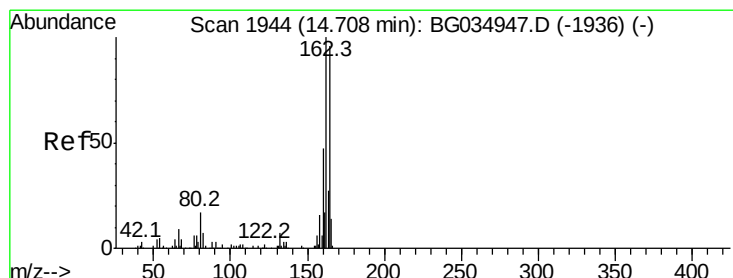
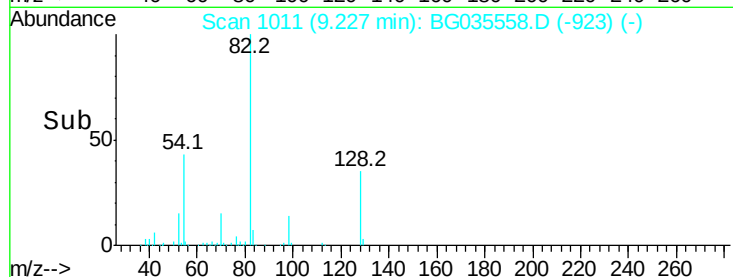
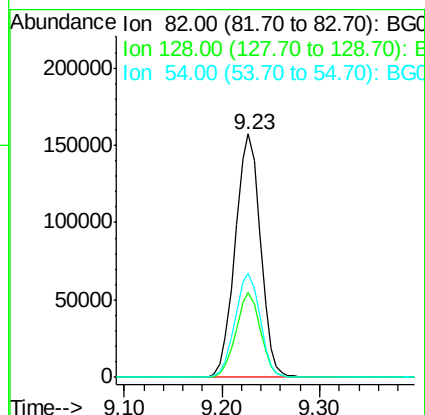
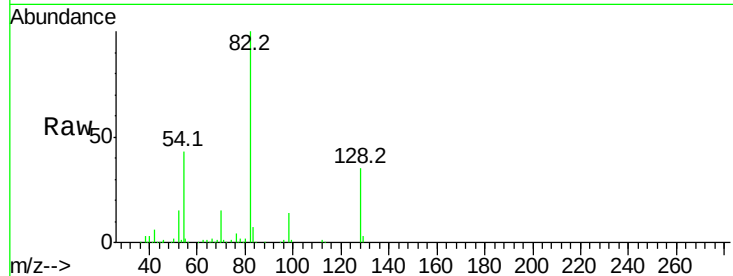




#23
 Nitrobenzene-d5
 Concen: 107.743 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035558.D
 Acq: 2 Jul 2018 19:39

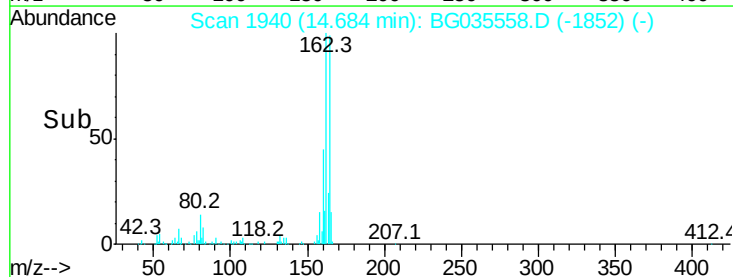
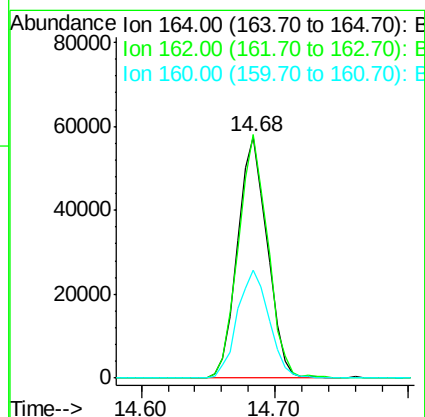
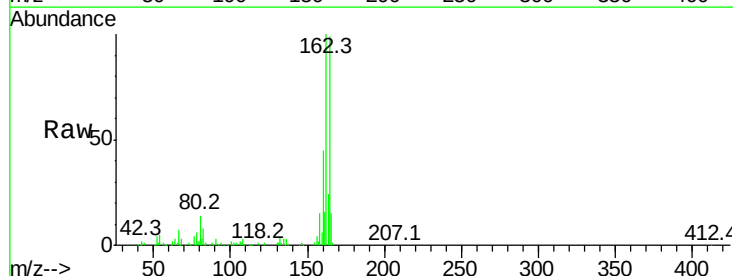
Instrument :
 BNA_G
 ClientSampleId :
 EO-03-062818-A

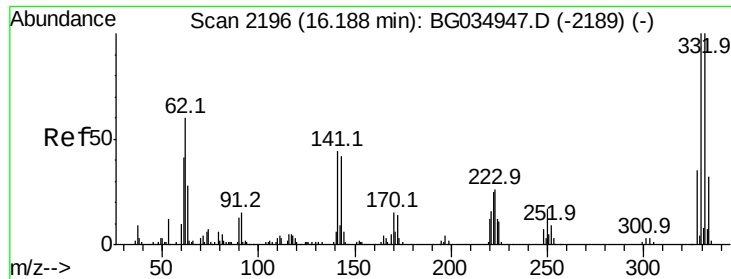
Tot Ion	82	Resp	283721
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	42.8	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035558.D
 Acq: 2 Jul 2018 19:39

Tgt Ion	164	Resp	88784
Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	44.9	35.4	53.0

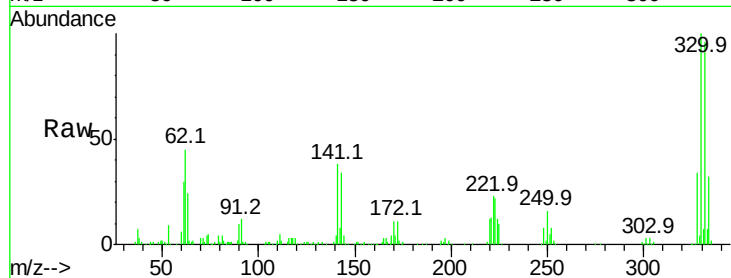




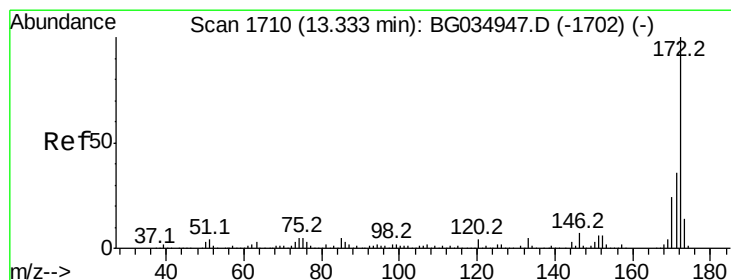
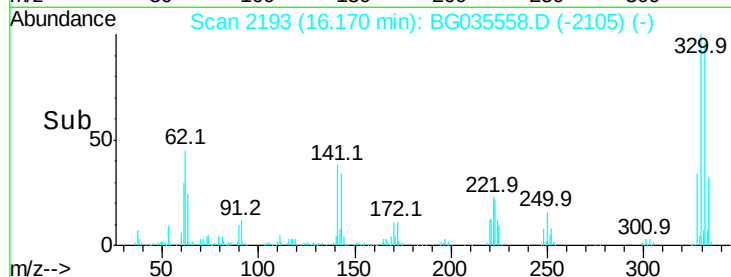
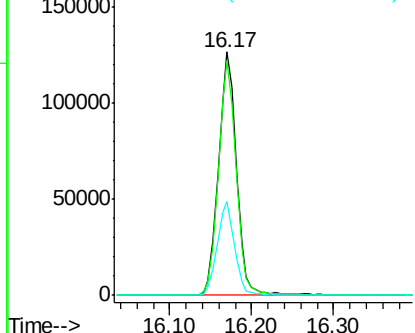
#41
 2,4,6-Tribromophenol
 Concen: 171.822 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035558.D
 Acq: 2 Jul 2018 19:39

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-062818-A

Tot Ion:330 Resp: 195284
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 37.1 25.2 37.8

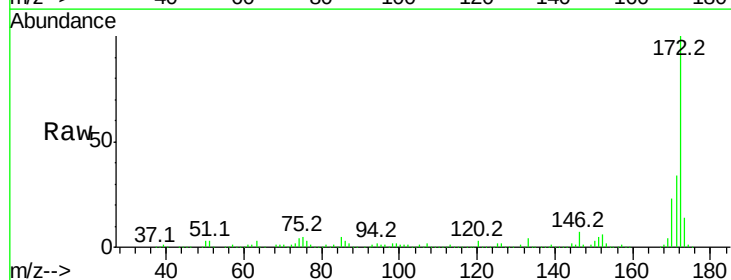


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

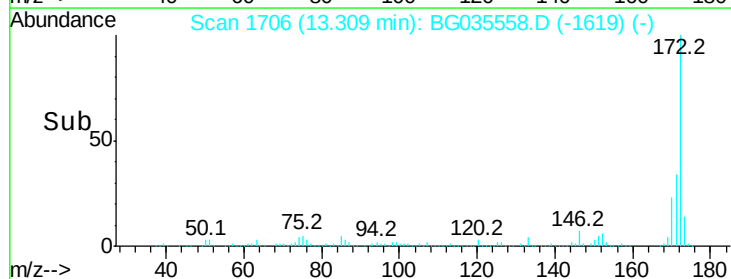
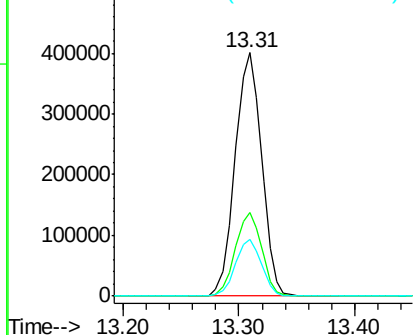


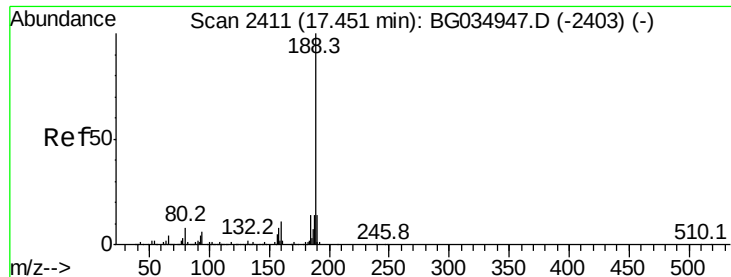
#44
 2-Fluorobiphenyl
 Concen: 93.696 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035558.D
 Acq: 2 Jul 2018 19:39

Tgt Ion:172 Resp: 639903
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.0 45.0
 170 23.3 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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035558.D

Acq: 2 Jul 2018 19:39

Instrument :

BNA_G

ClientSampleId :

EO-03-062818-A

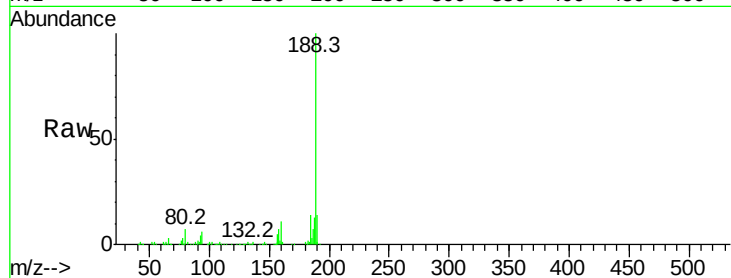
Tot Ion:188 Resp: 233561

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

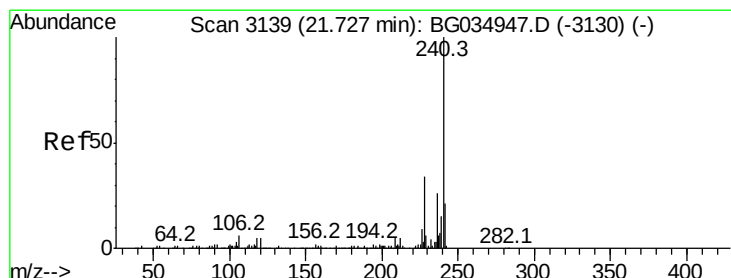
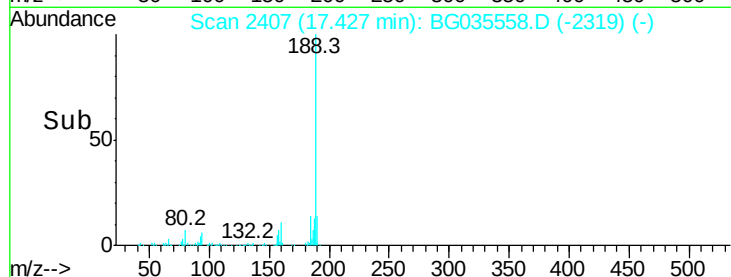
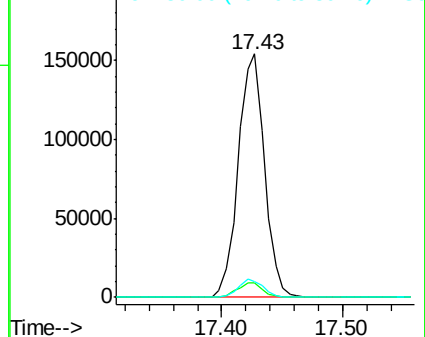
80 6.7 7.7 11.5#



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: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035558.D

Acq: 2 Jul 2018 19:39

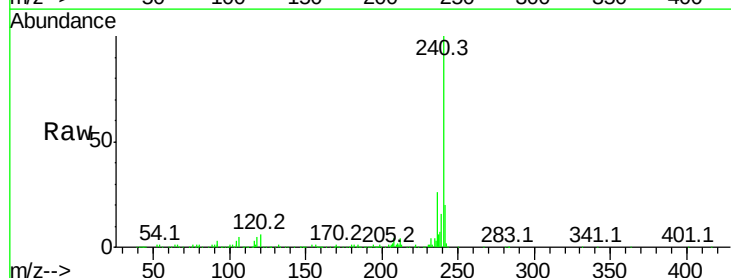
Tgt Ion:240 Resp: 261324

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

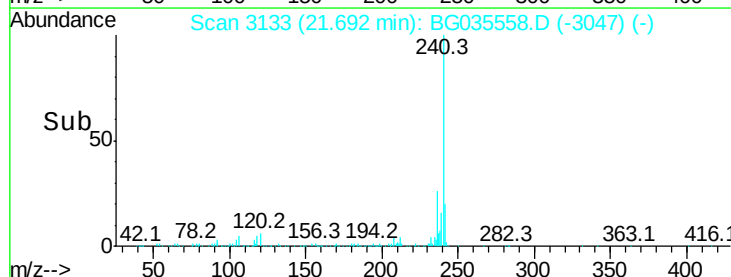
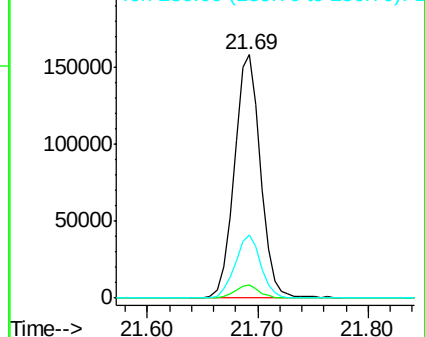
236 26.1 20.9 31.3

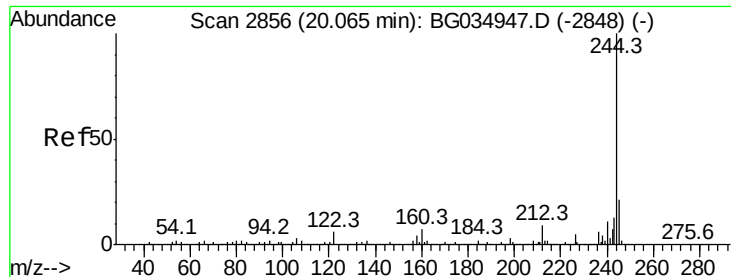


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.872 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035558.D

Acq: 2 Jul 2018 19:39

Instrument :

BNA_G

ClientSampleId :

EO-03-062818-A

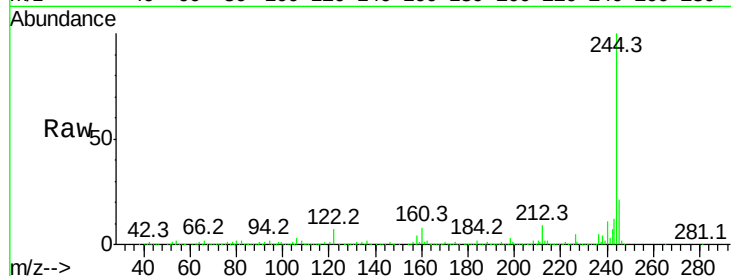
Tot Ion:244 Resp: 1245962

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

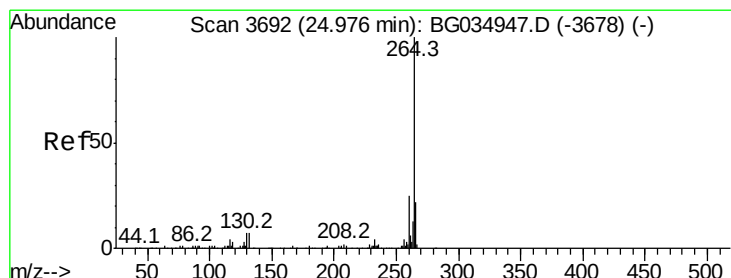
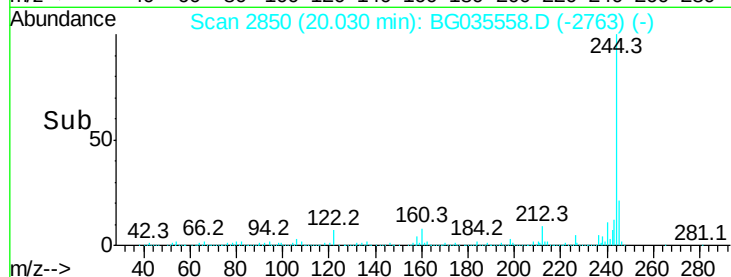
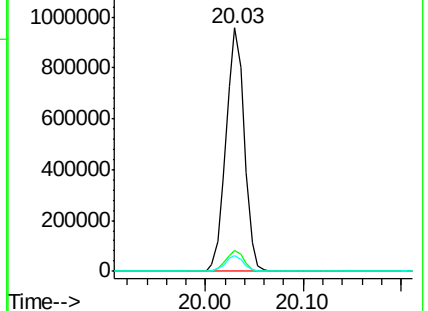
122 6.6 7.0 10.4#



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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035558.D

Acq: 2 Jul 2018 19:39

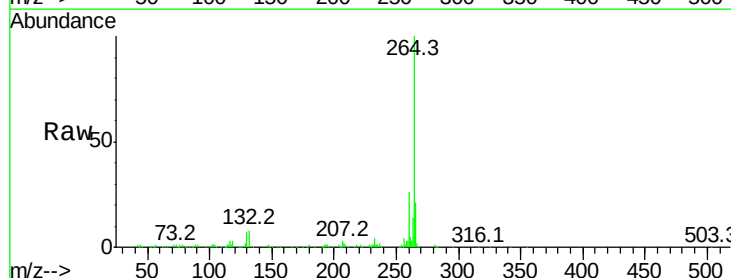
Tgt Ion:264 Resp: 253016

Ion Ratio Lower Upper

264 100

260 26.0 17.4 26.0

265 20.5 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

