

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035346.D
 Acq On : 22 Jun 2018 23:16
 Operator : JU/SJ
 Sample : J3581-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSP-A-COMPOSITE

Quant Time: Jun 23 01:03:25 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	42405	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	150832	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	97418	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	269466	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	333044	20.00	ng	-0.04
86) Perylene-d12	24.90	264	313819	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	377437	150.21	ng	-0.01
7) Phenol-d6	7.21	99	484427	130.62	ng	-0.01
23) Nitrobenzene-d5	9.21	82	375465	118.33	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	253376	203.18	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	832778	111.13	ng	-0.03
78) Terphenyl-d14	20.02	244	1623724	102.12	ng	-0.03

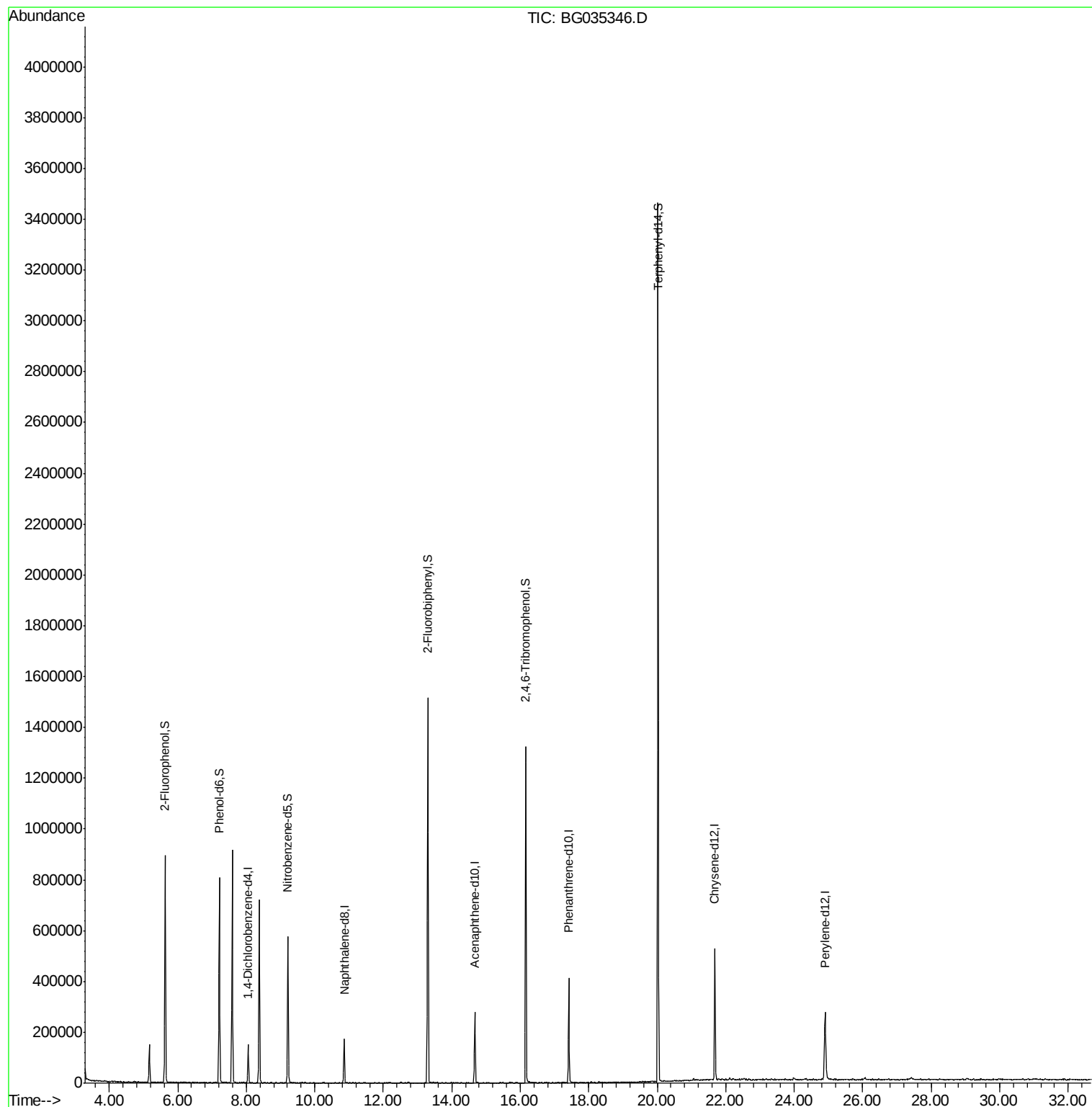
Target Compounds Qvalue

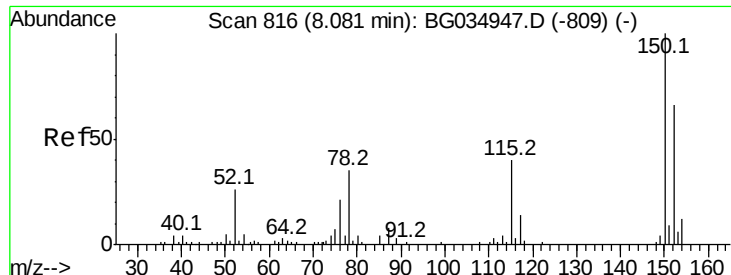
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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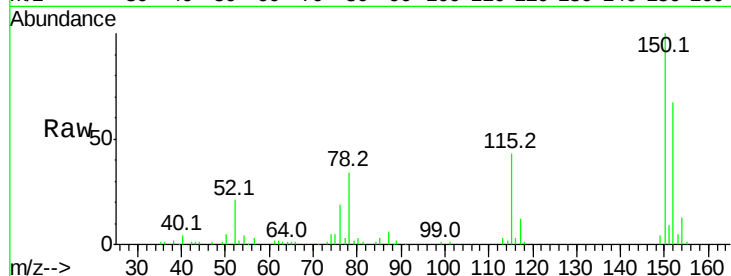


#1

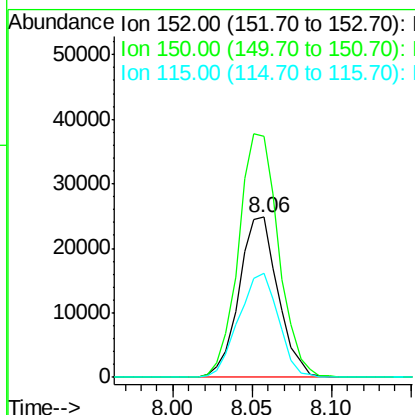
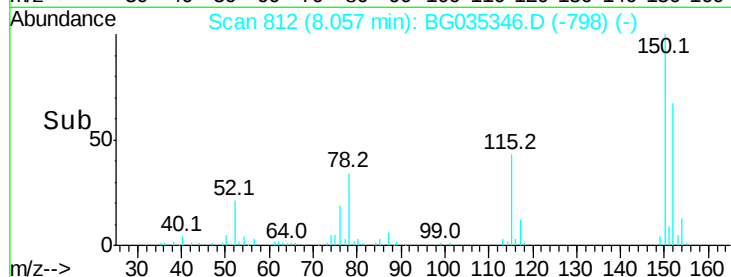
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

Instrument :
BNA_G
ClientSampleId :
SSP-A-COMPOSITE

Tot Ion:152 Resp: 42405
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 65.0 53.0 79.4



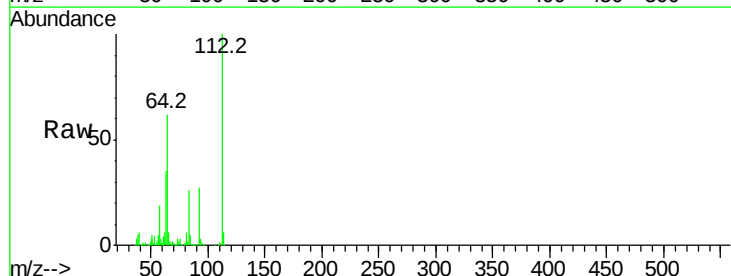
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



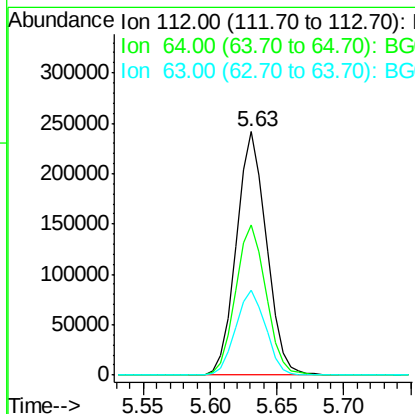
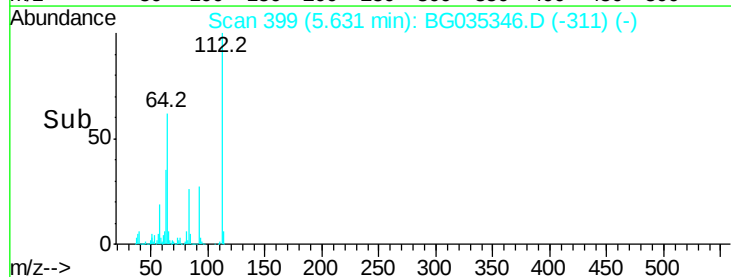
#5

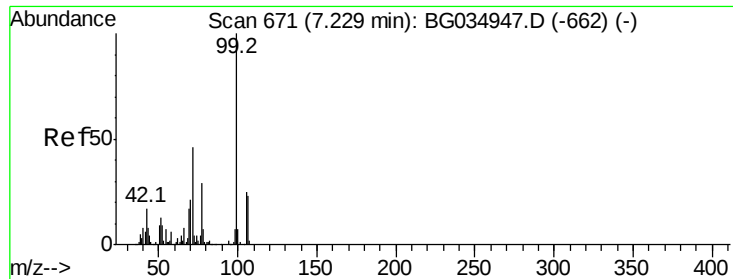
2-Fluorophenol
Concen: 150.210 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

Tgt Ion:112 Resp: 377437
Ion Ratio Lower Upper
112 100
64 61.8 56.3 84.5
63 34.8 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: 130.621 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035346.D

Acq: 22 Jun 2018 23:16

Instrument :

BNA_G

ClientSampleId :

SSP-A-COMPOSITE

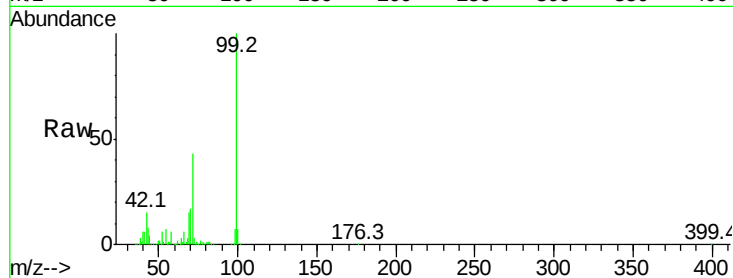
Tot Ion: 99 Resp: 484427

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

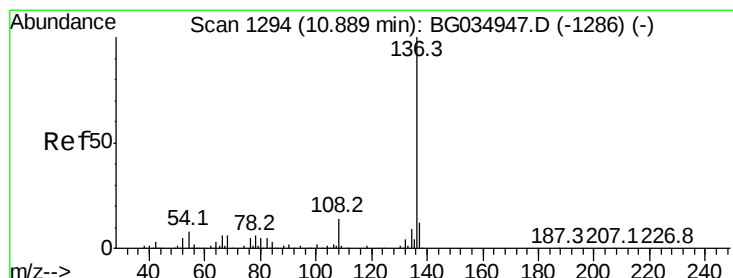
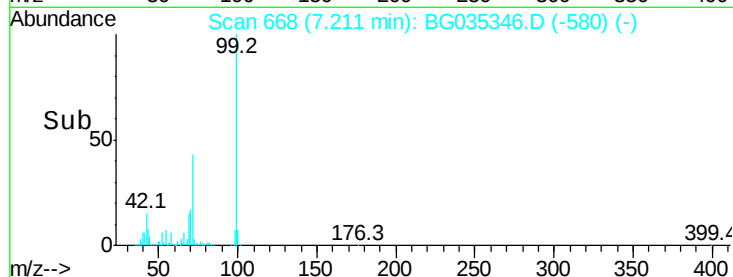
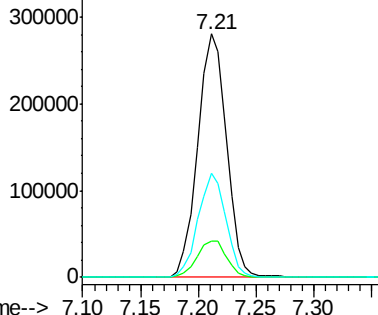
71 42.9 26.1 39.1#



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: 10.86 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BG035346.D

Acq: 22 Jun 2018 23:16

Tgt Ion: 136 Resp: 150832

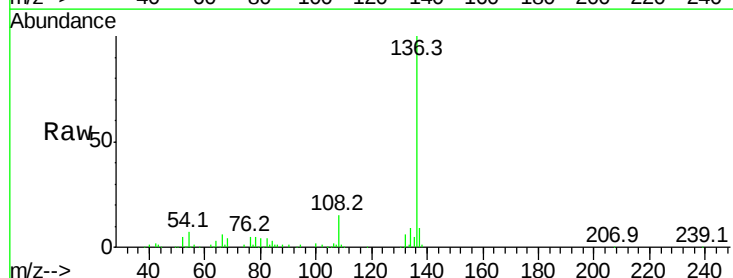
Ion Ratio Lower Upper

136 100

137 8.8 9.2 13.8#

54 6.5 10.3 15.5#

68 4.2 4.5 6.7#

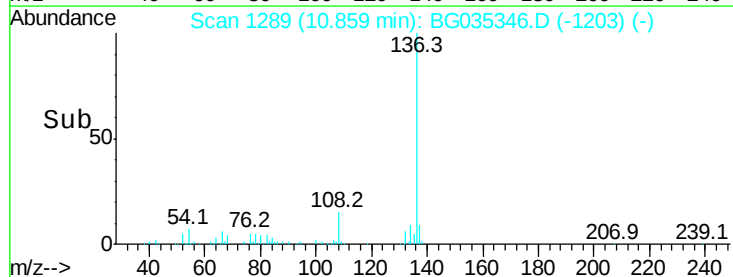
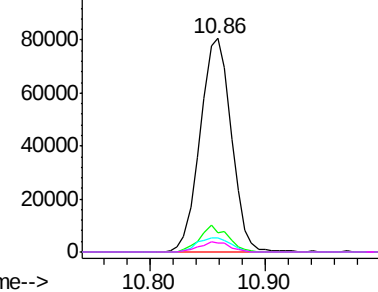


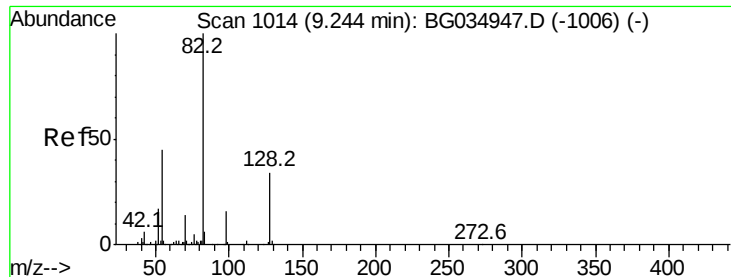
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

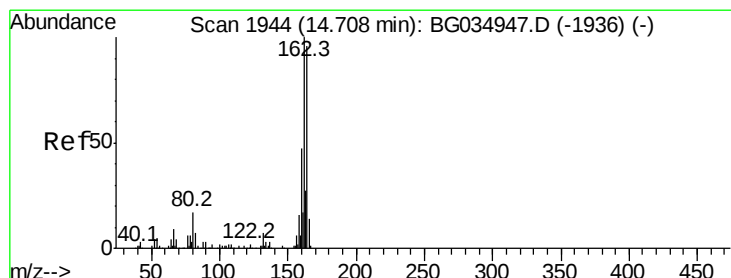
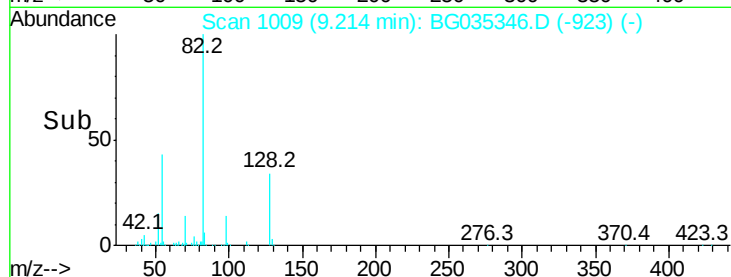
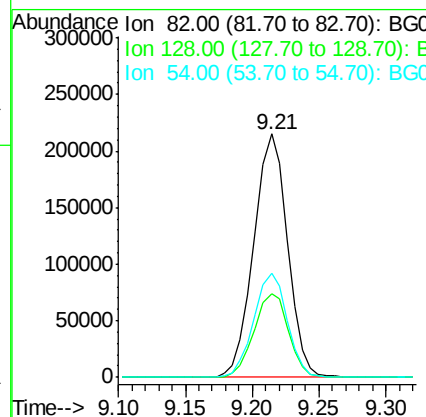
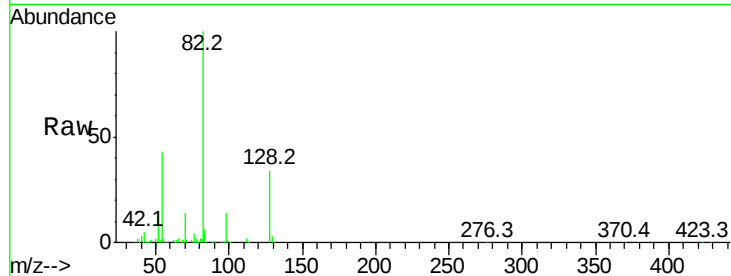




#23
 Nitrobenzene-d5
 Concen: 118.327 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.03 min
 Lab File: BG035346.D
 Acq: 22 Jun 2018 23:16

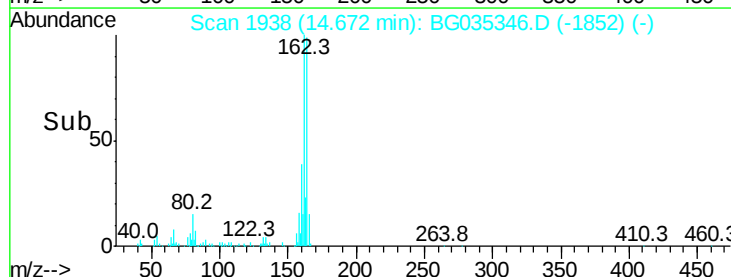
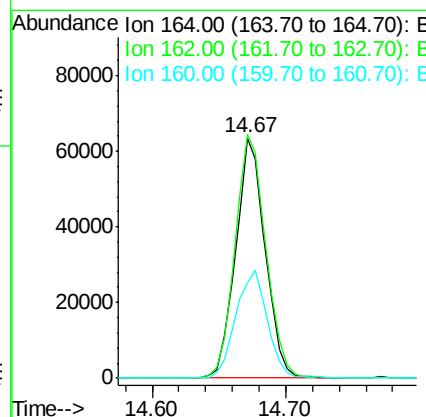
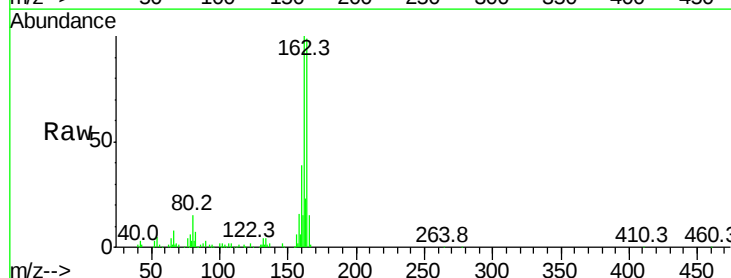
Instrument :
 BNA_G
 ClientSampleId :
 SSP-A-COMPOSITE

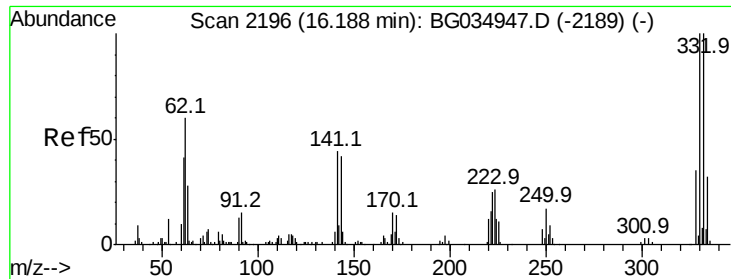
Tot Ion	82	Resp	375465
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	42.6	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.03 min
 Lab File: BG035346.D
 Acq: 22 Jun 2018 23:16

Tgt Ion	164	Resp	97418
Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	39.6	35.4	53.0

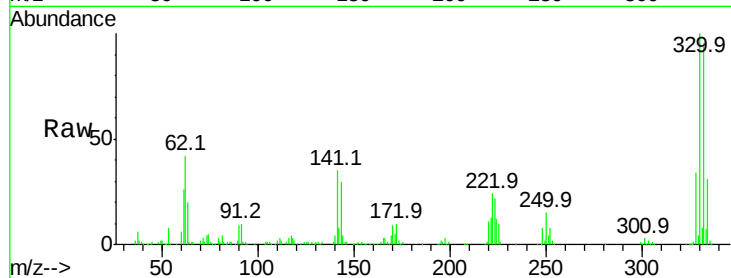




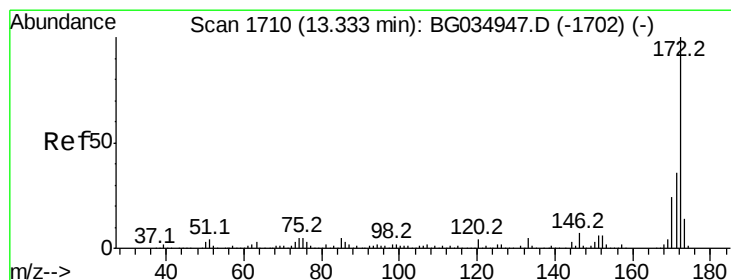
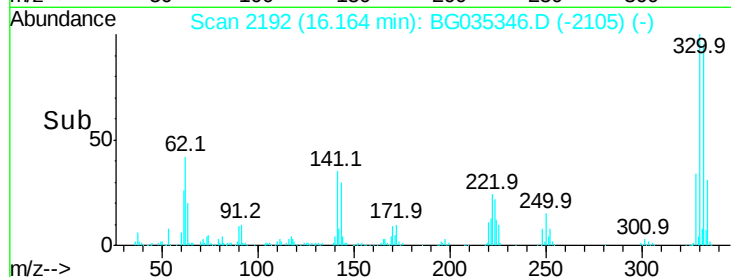
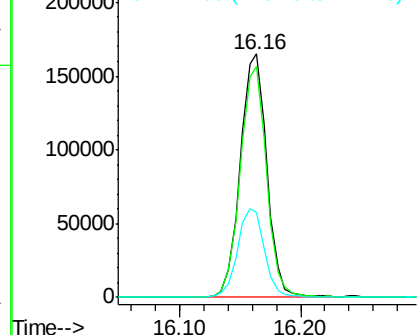
#41
 2,4,6-Tribromophenol
 Concen: 203.176 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035346.D
 Acq: 22 Jun 2018 23:16

Instrument :
 BNA_G
 ClientSampleId :
 SSP-A-COMPOSITE

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	36.7	25.2	37.8

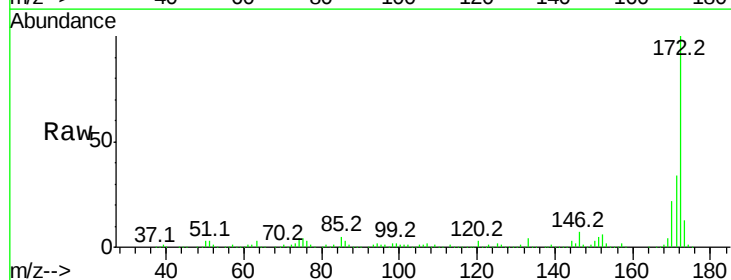


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

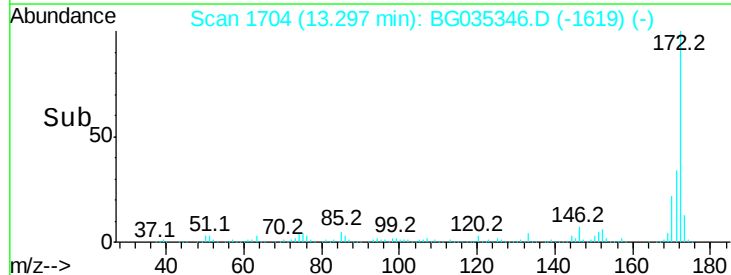
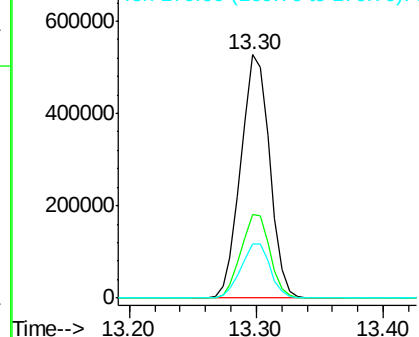


#44
 2-Fluorobiphenyl
 Concen: 111.130 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035346.D
 Acq: 22 Jun 2018 23:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.2	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# 2405

Delta R.T. -0.03 min

Lab File: BG035346.D

Acq: 22 Jun 2018 23:16

Instrument :

BNA_G

ClientSampleId :

SSP-A-COMPOSITE

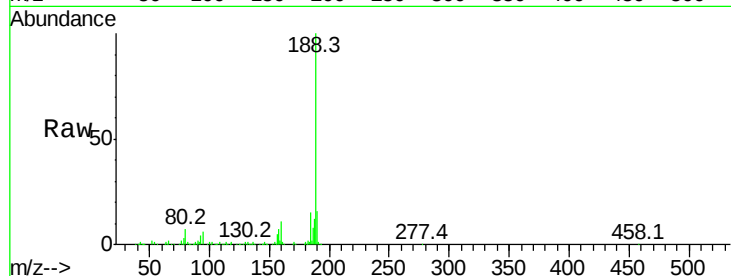
Tot Ion:188 Resp: 269466

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

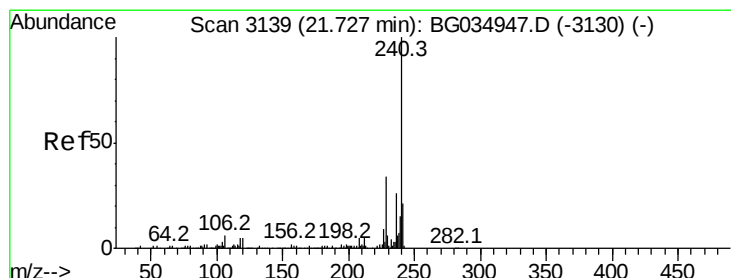
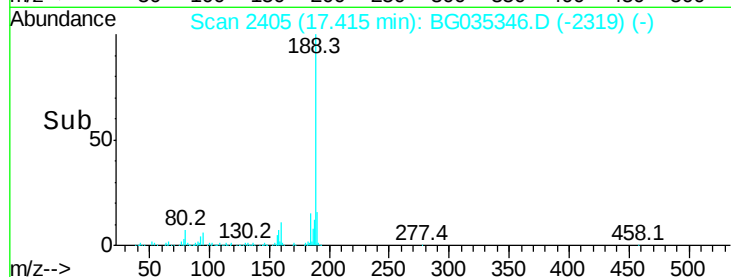
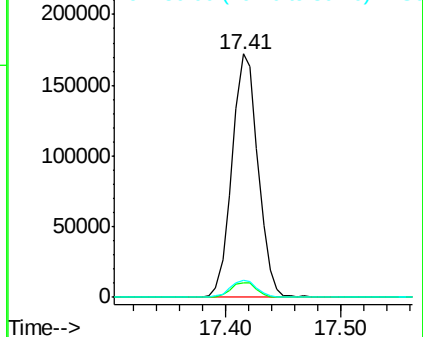
80 6.9 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035346.D

Acq: 22 Jun 2018 23:16

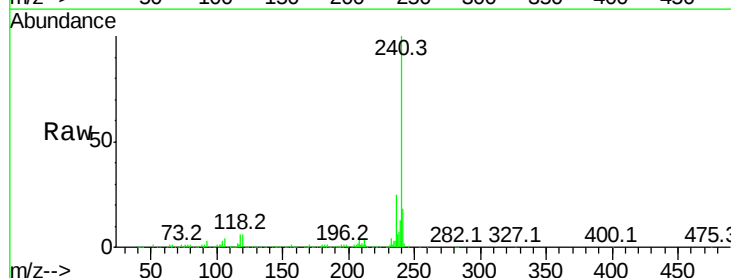
Tgt Ion:240 Resp: 333044

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

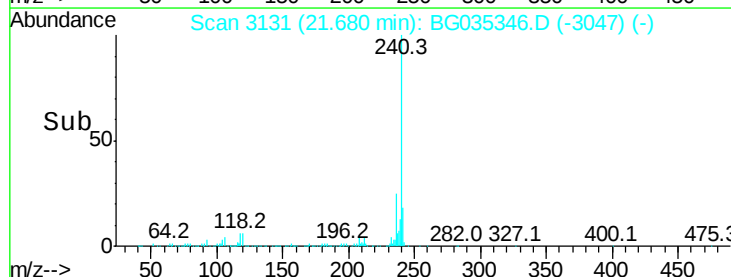
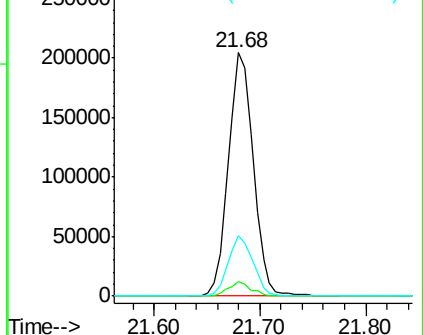
236 24.7 20.9 31.3

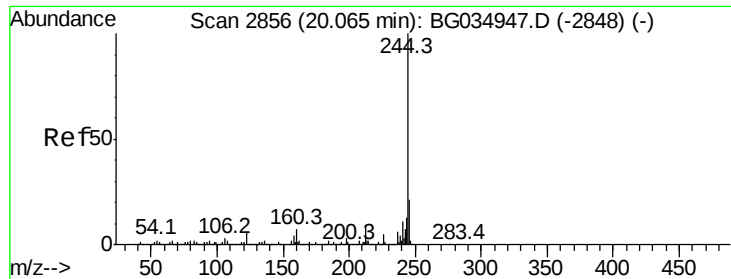


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.124 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.03 min

Lab File: BG035346.D

Acq: 22 Jun 2018 23:16

Instrument :

BNA_G

ClientSampleId :

SSP-A-COMPOSITE

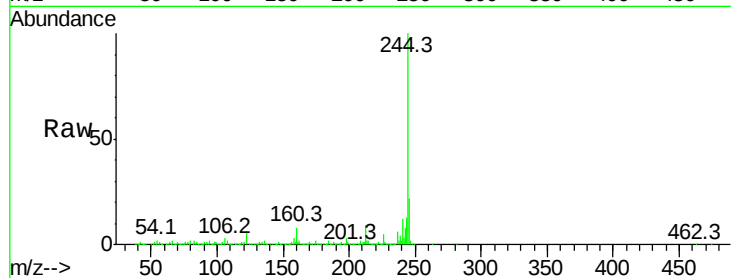
Tot Ion:244 Resp: 1623724

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

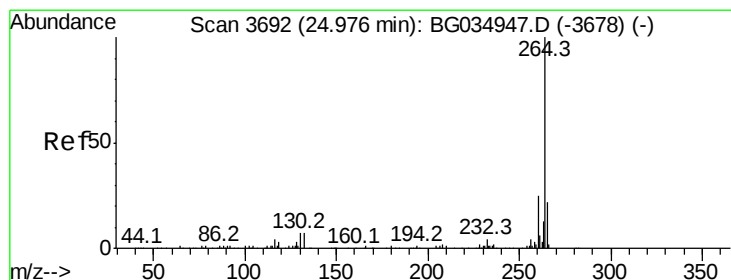
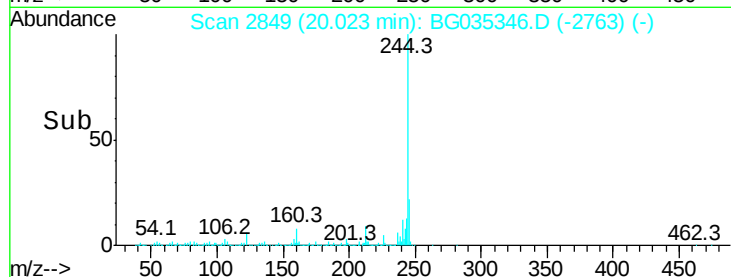
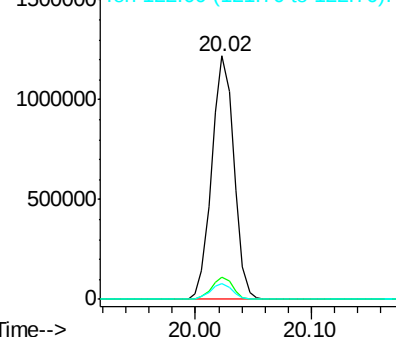
122 6.5 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035346.D

Acq: 22 Jun 2018 23:16

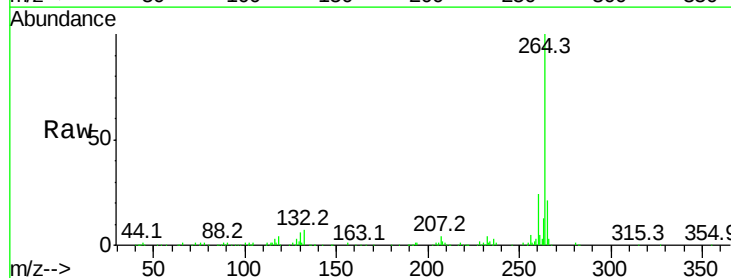
Tgt Ion:264 Resp: 313819

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 20.8 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

