

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035345.D
 Acq On : 22 Jun 2018 22:37
 Operator : JU/SJ
 Sample : J3595-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-02-AB

Quant Time: Jun 23 01:02:06 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	47301	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	161729	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	105603	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	287028	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	348602	20.00	ng	-0.04
86) Perylene-d12	24.90	264	292741	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	382935	136.62	ng	-0.01
7) Phenol-d6	7.21	99	491086	118.71	ng	-0.01
23) Nitrobenzene-d5	9.21	82	394832	116.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	258794	191.44	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	858399	105.67	ng	-0.03
78) Terphenyl-d14	20.02	244	1620109	97.35	ng	-0.02

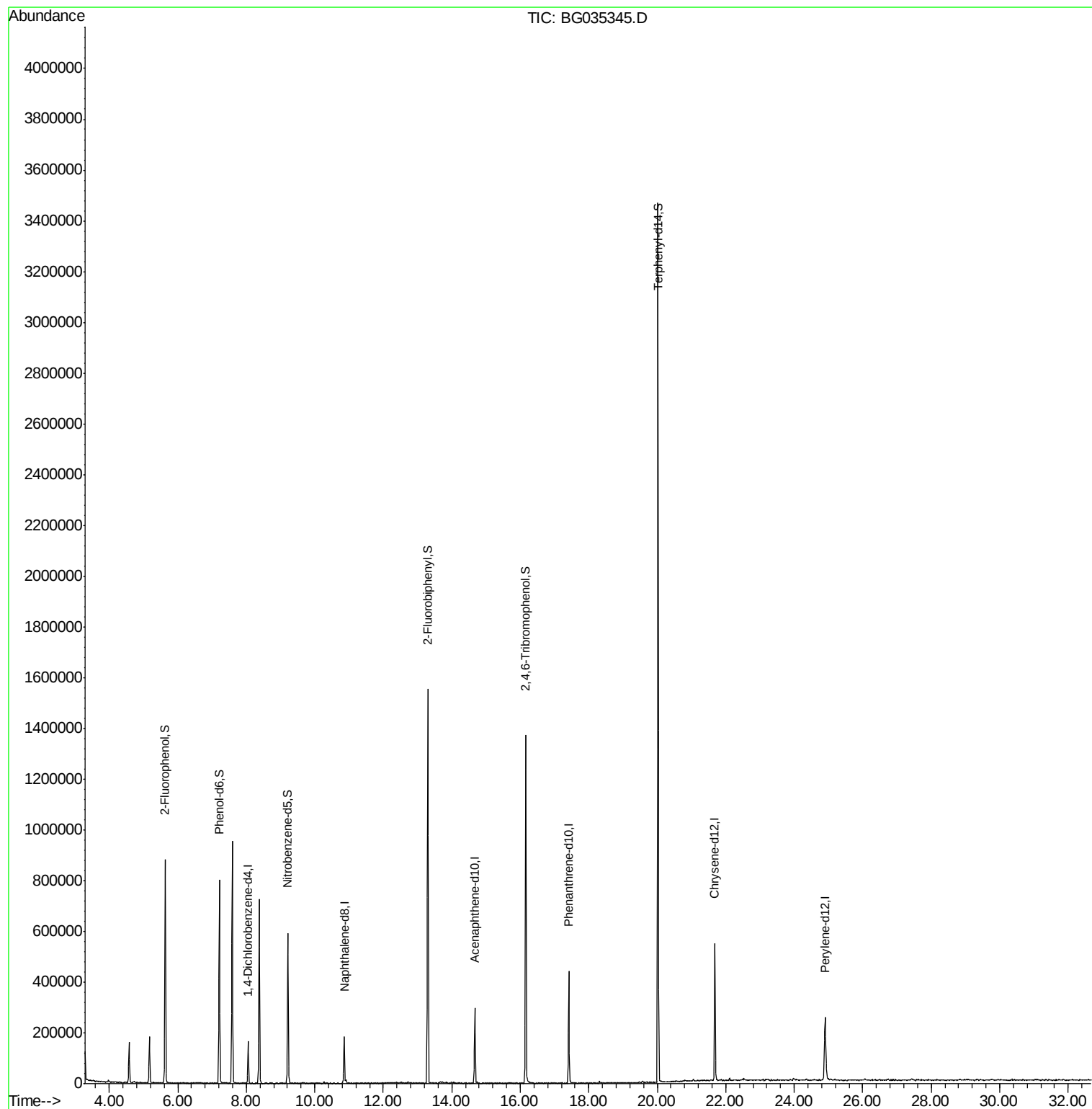
Target Compounds Qvalue

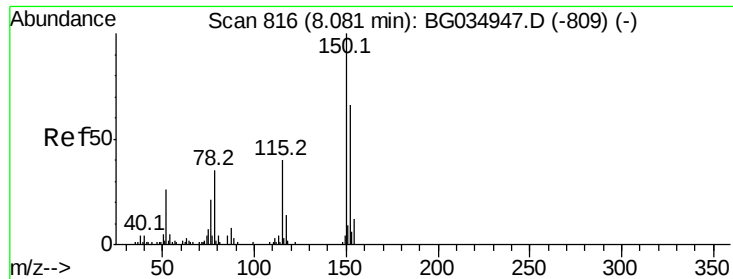
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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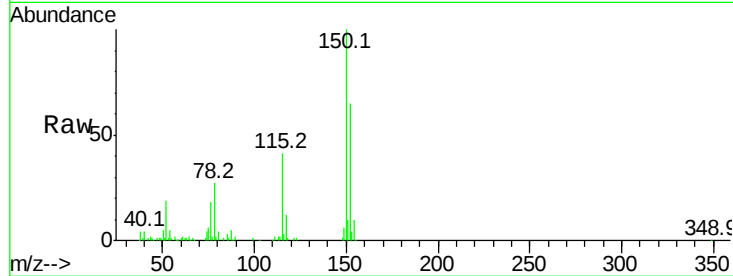


#1

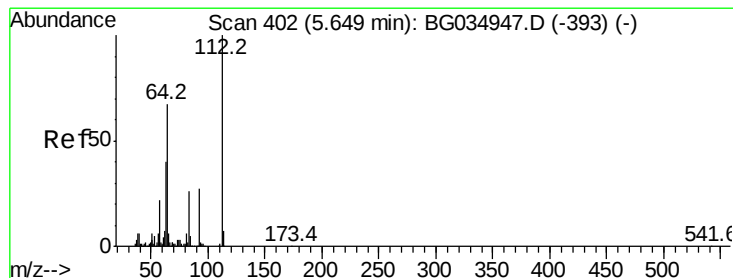
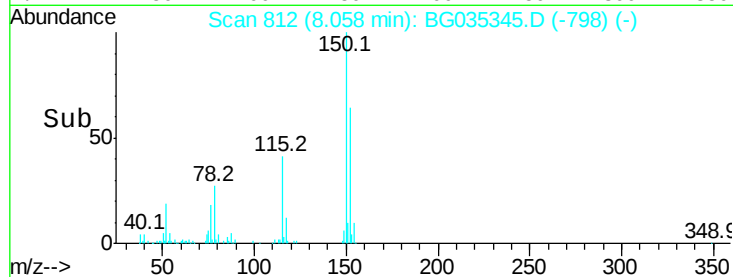
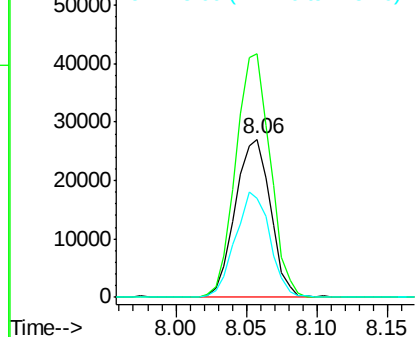
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035345.D
Acq: 22 Jun 2018 22:37

Instrument :
BNA_G
ClientSampled :
SC-02-AB

Tot Ion:152 Resp: 47301
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 62.8 53.0 79.4



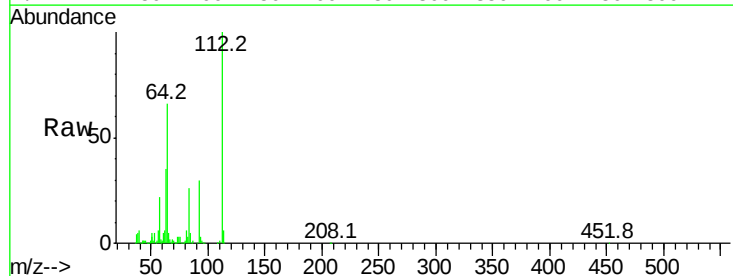
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



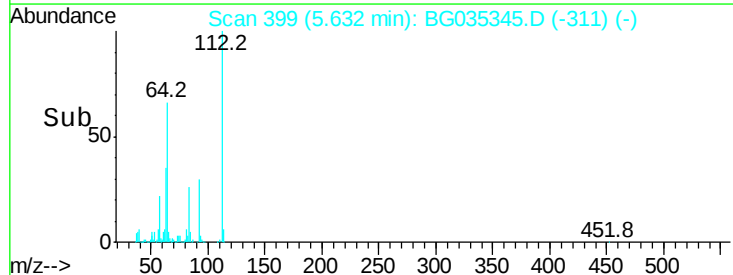
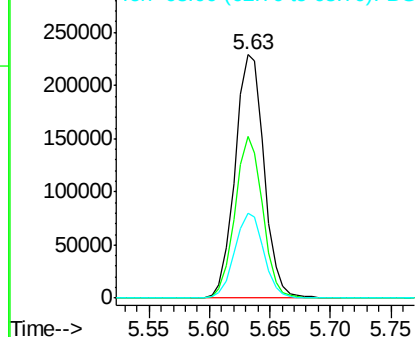
#5

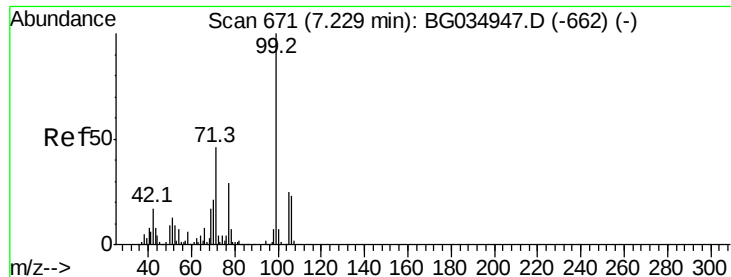
2-Fluorophenol
Concen: 136.624 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035345.D
Acq: 22 Jun 2018 22:37

Tgt Ion:112 Resp: 382935
Ion Ratio Lower Upper
112 100
64 66.3 56.3 84.5
63 34.7 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: 118.711 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035345.D

Acq: 22 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

SC-02-AB

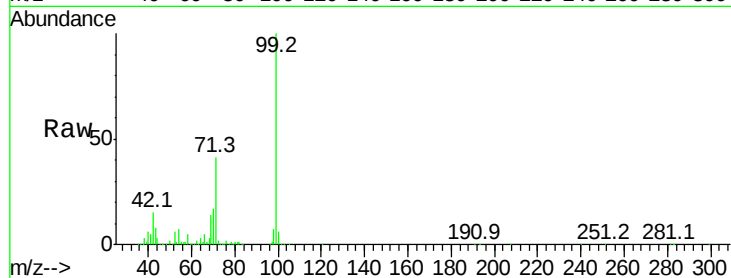
Tot Ion: 99 Resp: 491086

Ion Ratio Lower Upper

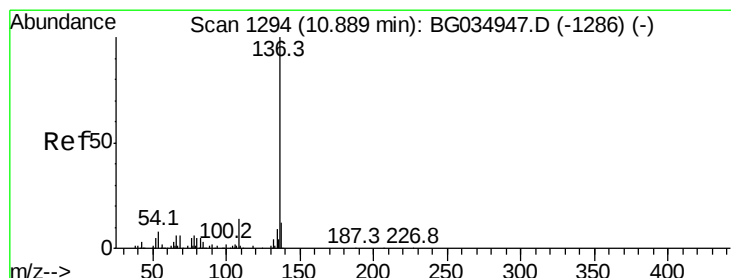
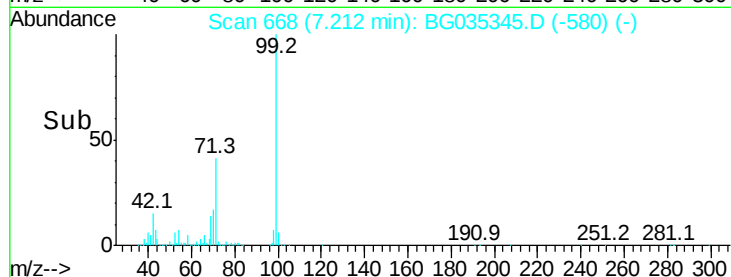
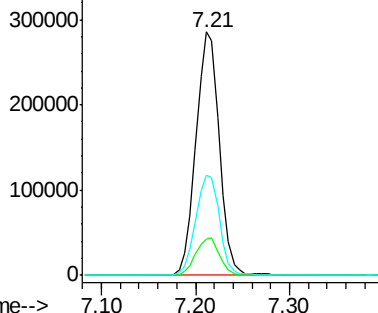
99 100

42 14.7 14.1 21.1

71 41.4 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. -0.02 min

Lab File: BG035345.D

Acq: 22 Jun 2018 22:37

Tgt Ion: 136 Resp: 161729

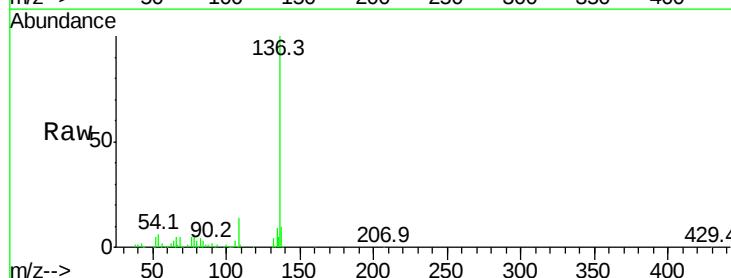
Ion Ratio Lower Upper

136 100

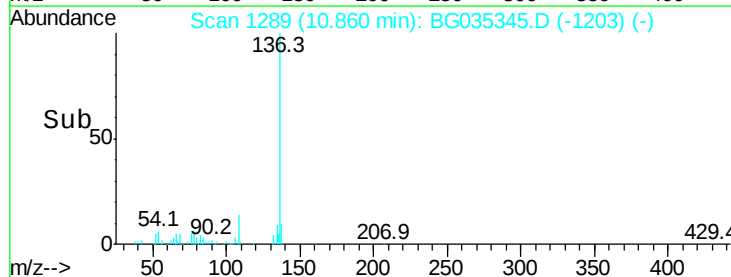
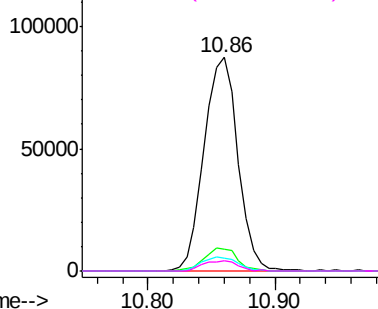
137 10.2 9.2 13.8

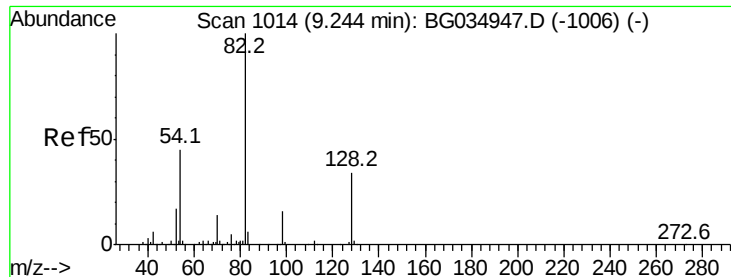
54 6.0 10.3 15.5#

68 4.8 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: 116.046 ng

RT: 9.21 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035345.D

Acq: 22 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

SC-02-AB

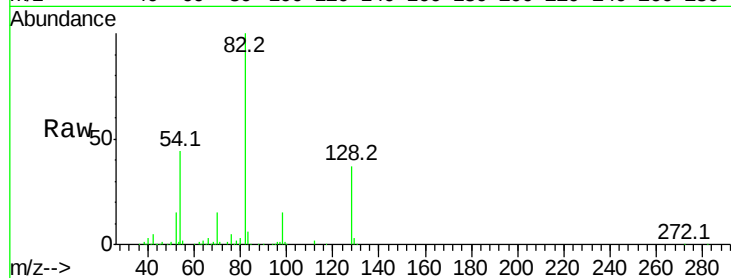
Tot Ion: 82 Resp: 394832

Ion Ratio Lower Upper

82 100

128 37.2 29.7 44.5

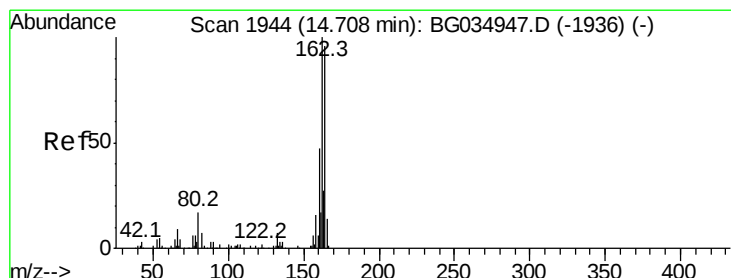
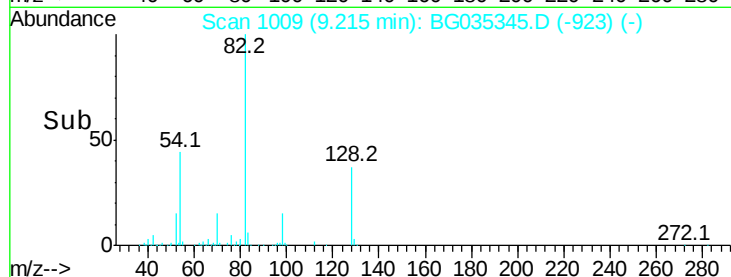
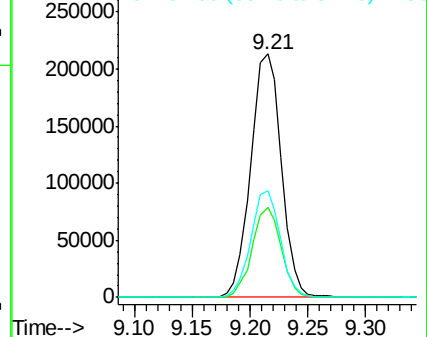
54 43.7 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035345.D

Acq: 22 Jun 2018 22:37

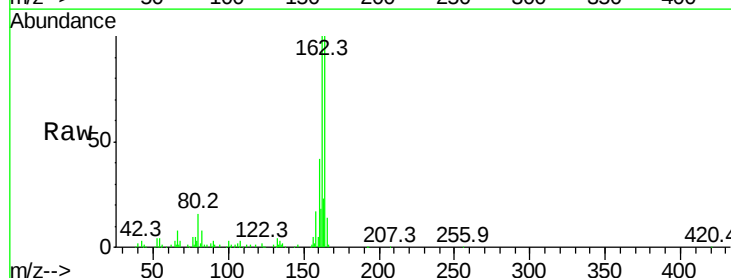
Tgt Ion:164 Resp: 105603

Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

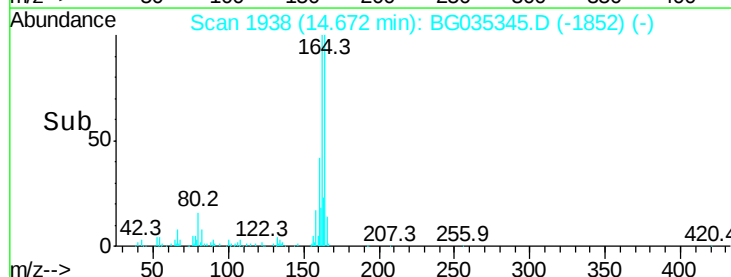
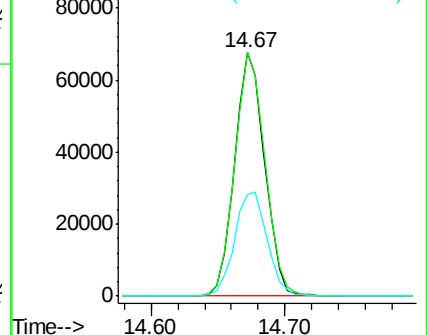
160 41.7 35.4 53.0

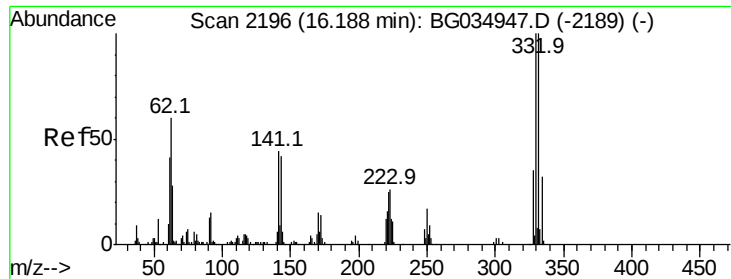


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

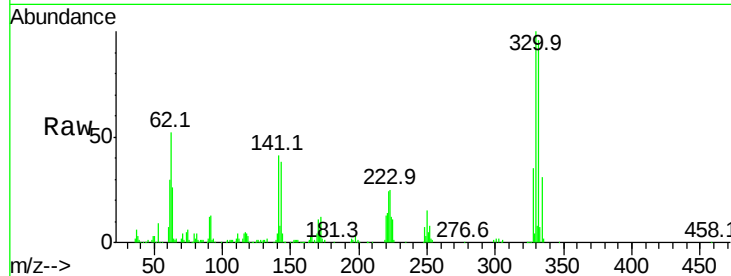




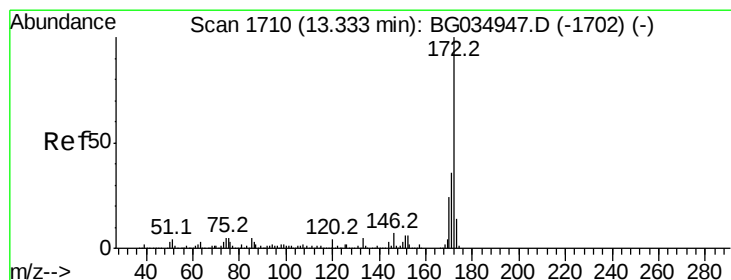
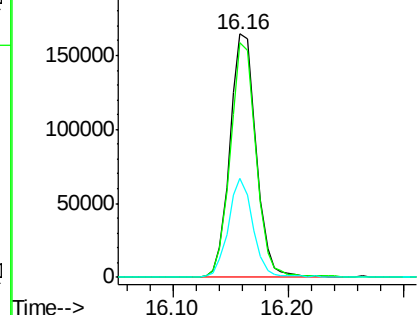
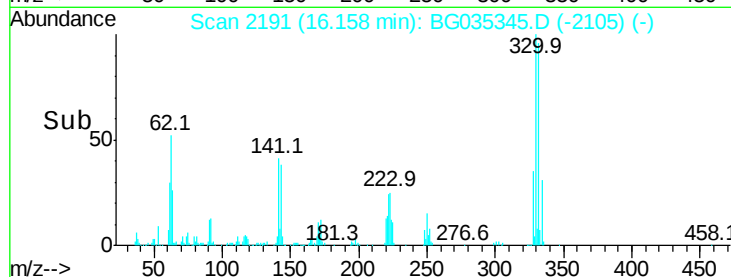
#41
2,4,6-Tribromophenol
Concen: 191.437 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG035345.D
Acq: 22 Jun 2018 22:37

Instrument :
BNA_G
ClientSampleId :
SC-02-AB

Tot Ion:330 Resp: 258794
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 37.9 25.2 37.8#

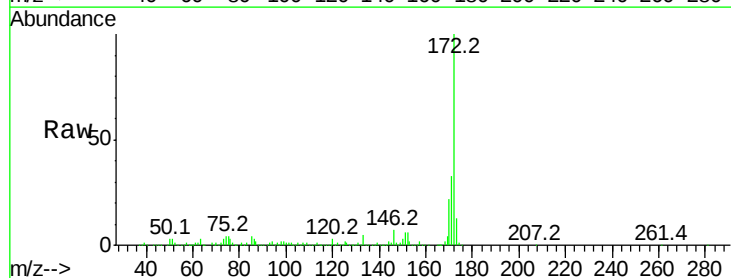


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

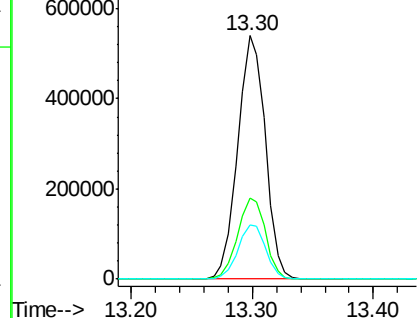
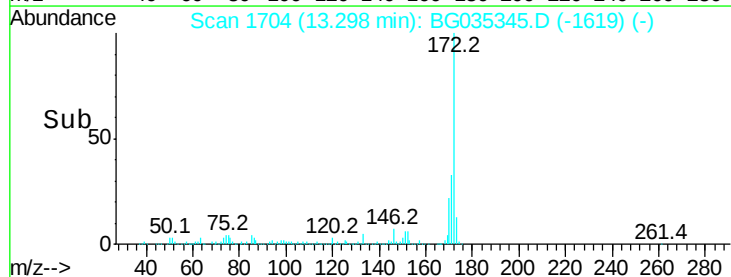


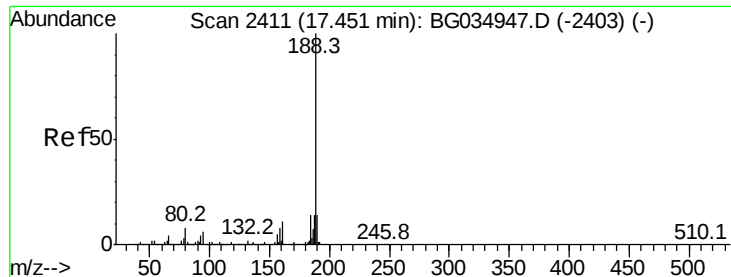
#44
2-Fluorobiphenyl
Concen: 105.671 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035345.D
Acq: 22 Jun 2018 22:37

Tgt Ion:172 Resp: 858399
Ion Ratio Lower Upper
172 100
171 33.5 30.0 45.0
170 22.4 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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035345.D

Acq: 22 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

SC-02-AB

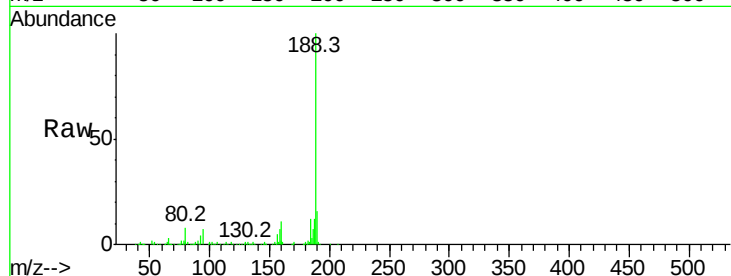
Tot Ion:188 Resp: 287028

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

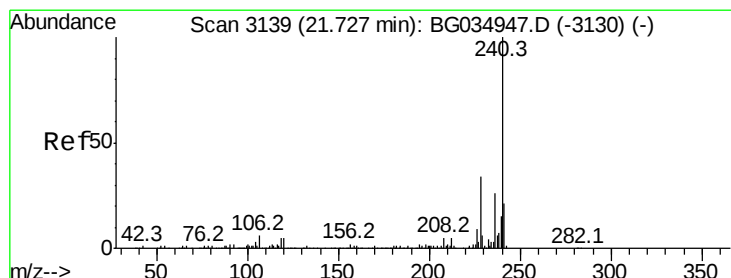
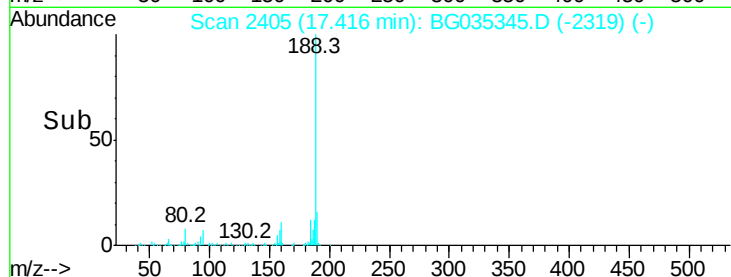
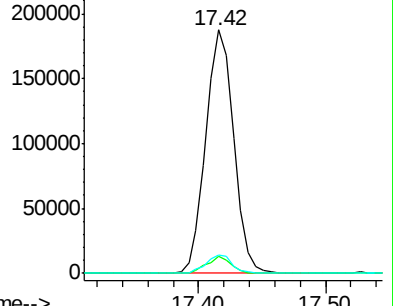
80 7.8 7.7 11.5



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: BG035345.D

Acq: 22 Jun 2018 22:37

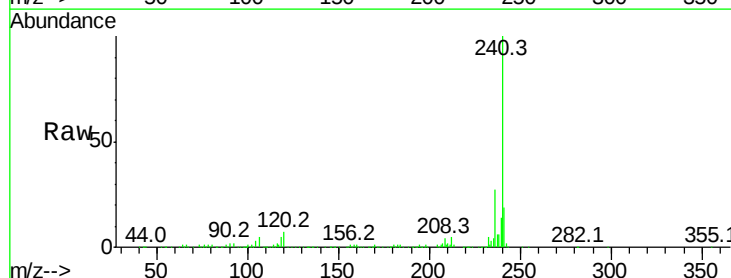
Tgt Ion:240 Resp: 348602

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

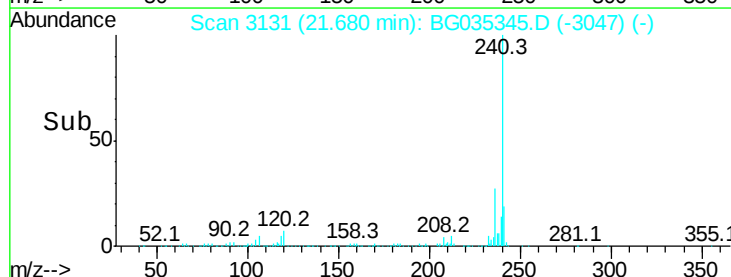
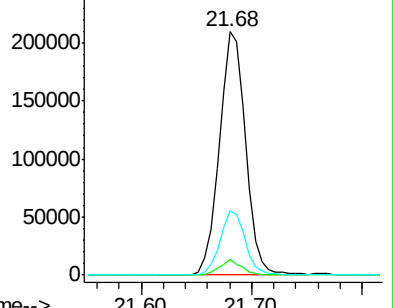
236 26.6 20.9 31.3

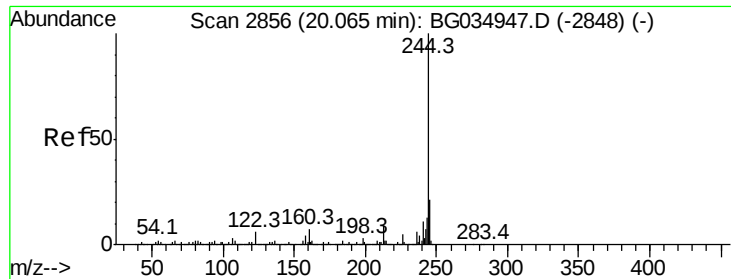


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

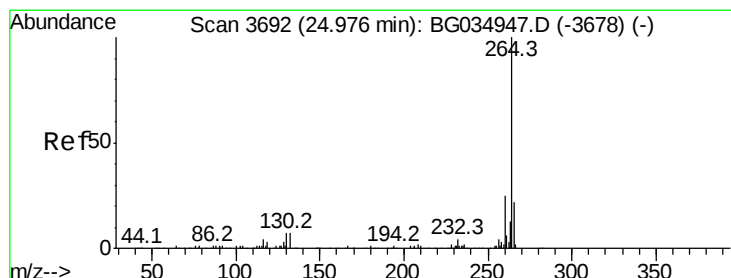
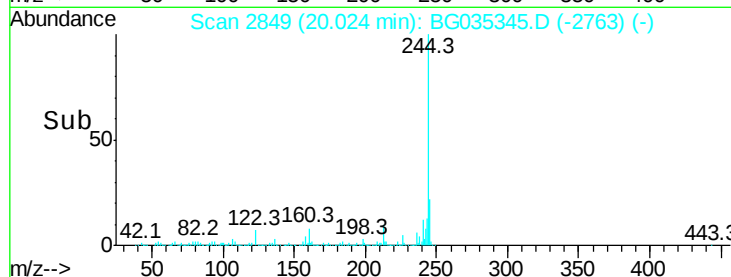
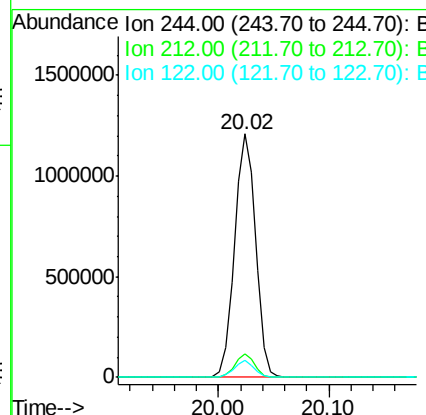
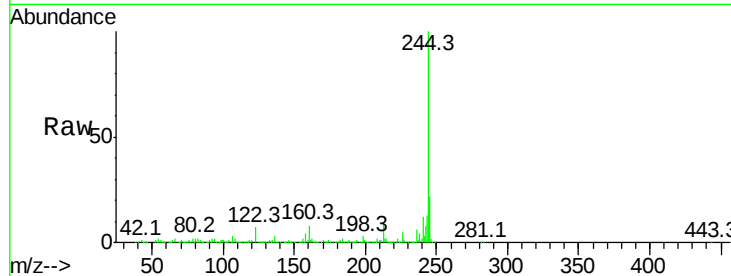




#78
 Terphenyl-d14
 Concen: 97.349 ng
 RT: 20.02 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BG035345.D
 Acq: 22 Jun 2018 22:37

Instrument :
 BNA_G
 ClientSampleId :
 SC-02-AB

Tot Ion:244 Resp: 1620109
 Ion Ratio Lower Upper
 244 100
 212 9.8 5.8 8.8#
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. -0.05 min
 Lab File: BG035345.D
 Acq: 22 Jun 2018 22:37

Tgt Ion:264 Resp: 292741
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 21.7 17.7 26.5

