

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035140.D
 Acq On : 14 Jun 2018 16:35
 Operator : SJ/JU
 Sample : J3467-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-07-061118

Quant Time: Jun 14 17:34:09 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	8.07	152	44107	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	174014	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	129237	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	352341	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	381962	20.00	ng	-0.02
86) Perylene-d12	24.93	264	359299	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	185233	70.87	ng	-0.01
7) Phenol-d6	7.21	99	173384	44.95	ng	-0.01
23) Nitrobenzene-d5	9.23	82	416436	113.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	299939	181.30	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	976912	98.27	ng	-0.02
78) Terphenyl-d14	20.04	244	1829132	100.31	ng	-0.01

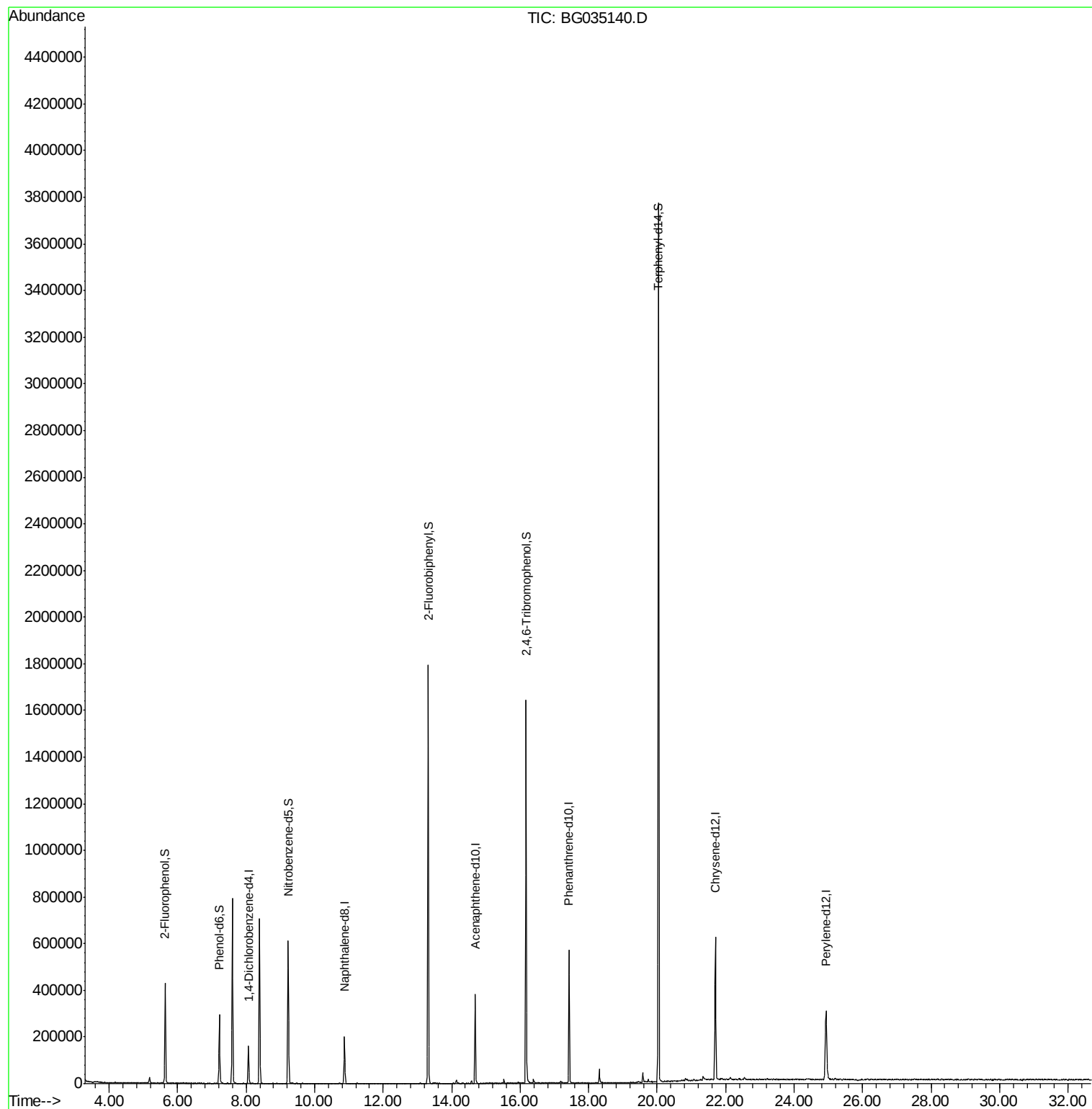
Target Compounds Qvalue

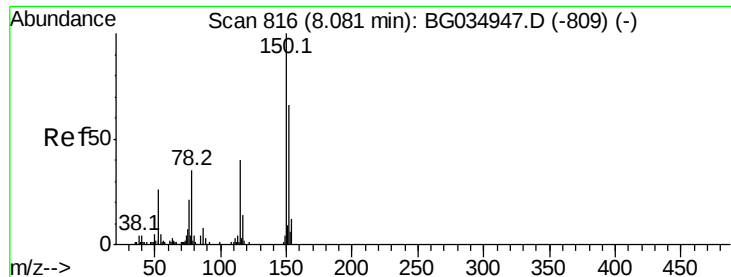
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG035140.D

Acq: 14 Jun 2018 16:35

Instrument :

BNA_G

ClientSampleId :

C-MW-07-061118

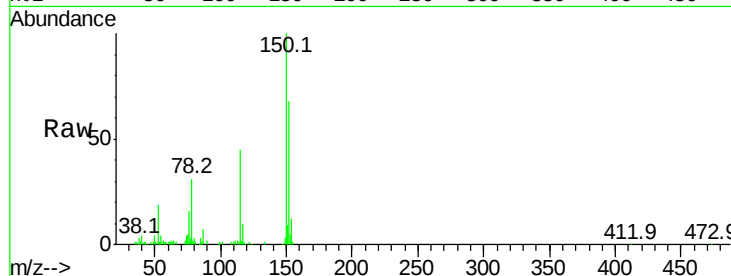
Tot Ion:152 Resp: 44107

Ion Ratio Lower Upper

152 100

150 146.1 126.6 189.8

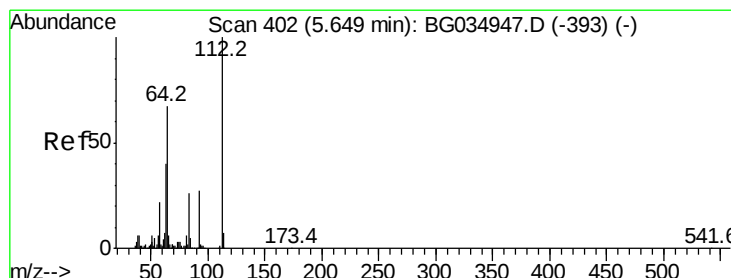
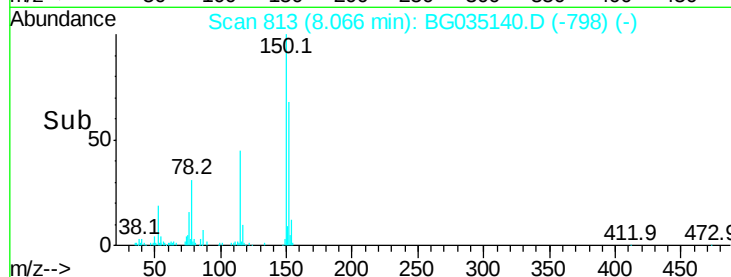
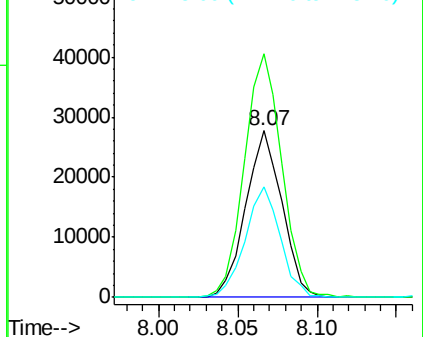
115 66.4 53.0 79.4



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: 70.873 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035140.D

Acq: 14 Jun 2018 16:35

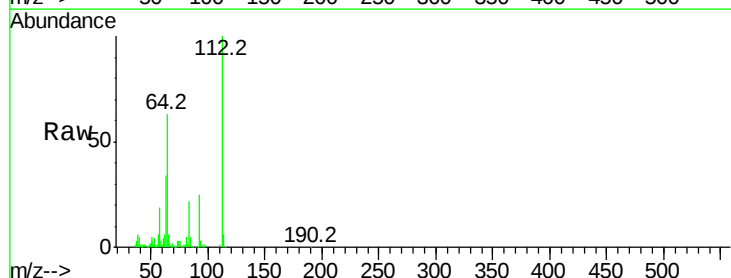
Tgt Ion:112 Resp: 185233

Ion Ratio Lower Upper

112 100

64 63.1 56.3 84.5

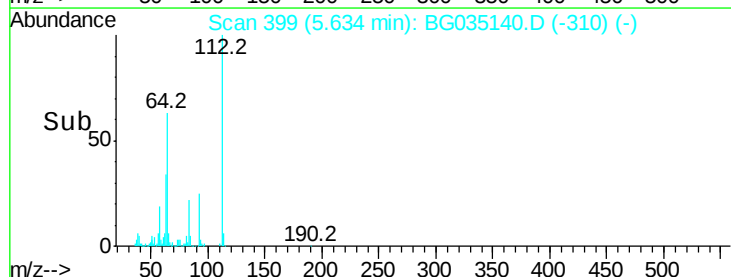
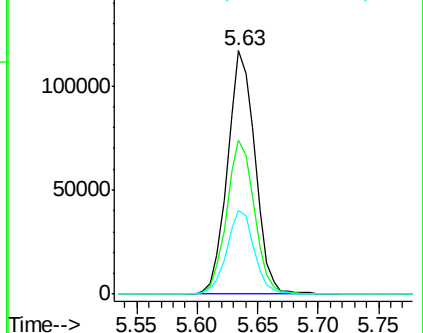
63 34.3 30.1 45.1

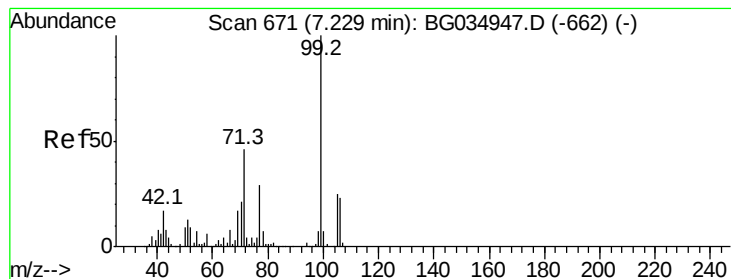


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.947 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035140.D

Acq: 14 Jun 2018 16:35

Instrument :

BNA_G

ClientSampleId :

C-MW-07-061118

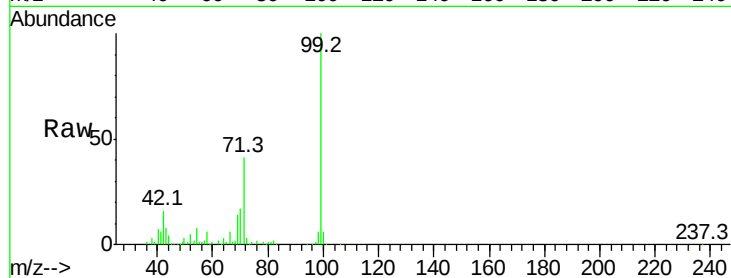
Tot Ion: 99 Resp: 173384

Ion Ratio Lower Upper

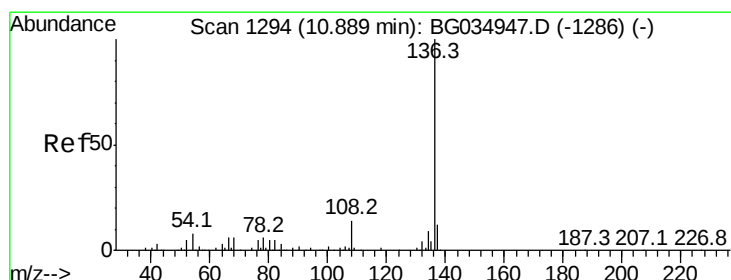
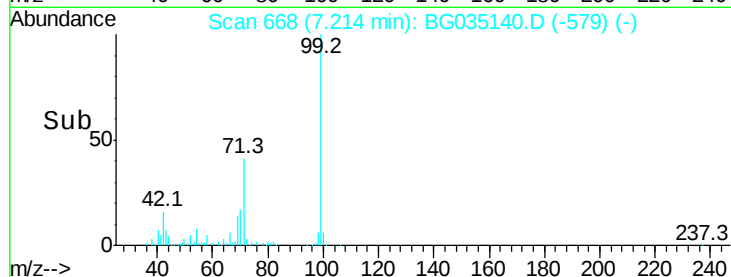
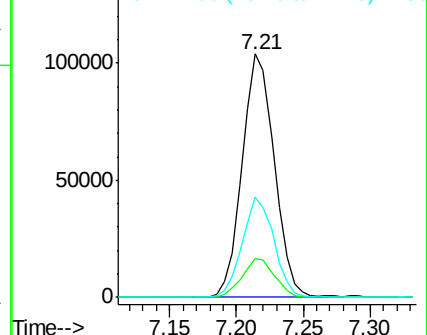
99 100

42 15.7 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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035140.D

Acq: 14 Jun 2018 16:35

Tgt Ion: 136 Resp: 174014

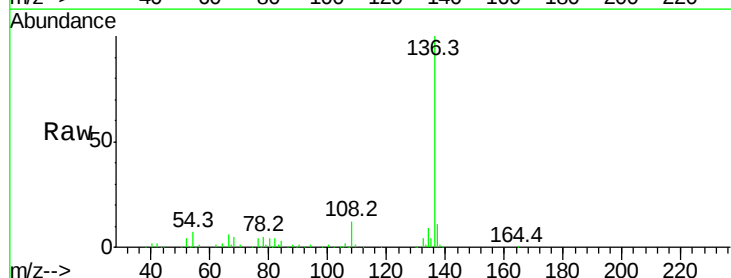
Ion Ratio Lower Upper

136 100

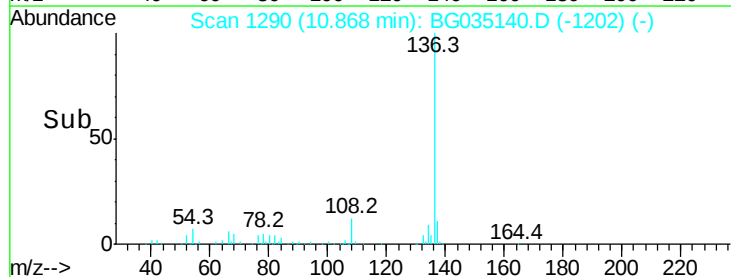
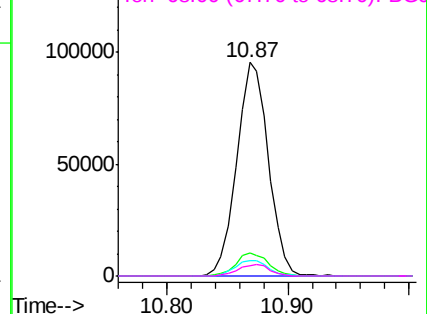
137 10.7 9.2 13.8

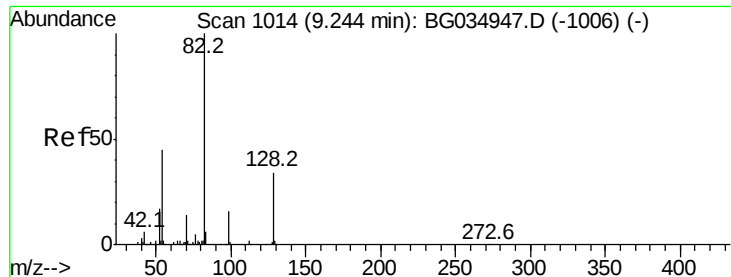
54 7.1 10.3 15.5#

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

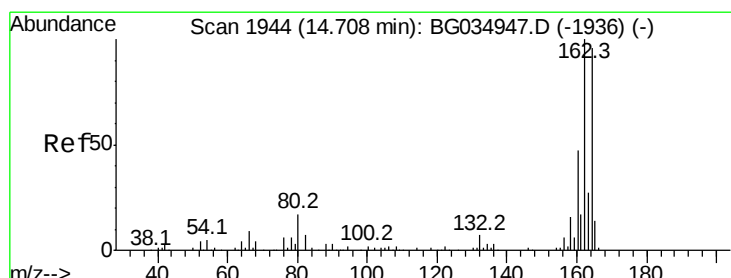
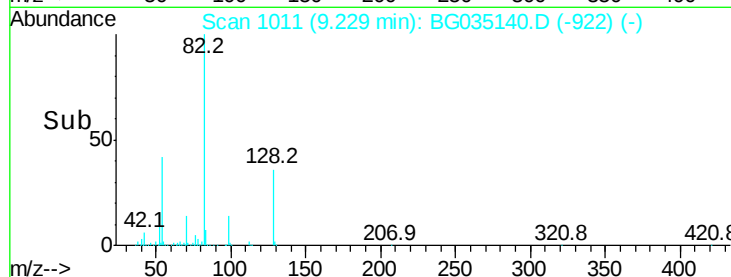
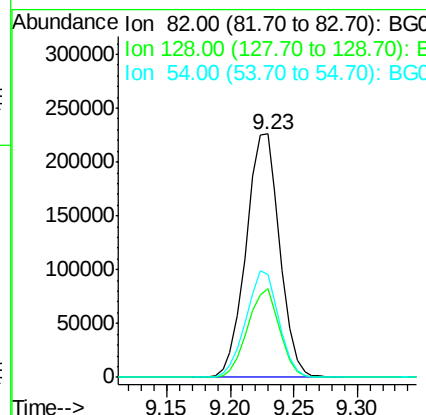
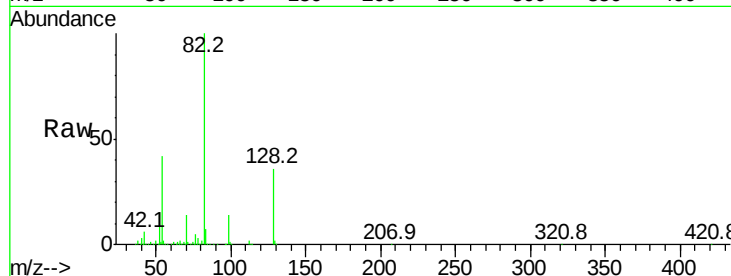




#23
 Nitrobenzene-d5
 Concen: 113.755 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035140.D
 Acq: 14 Jun 2018 16:35

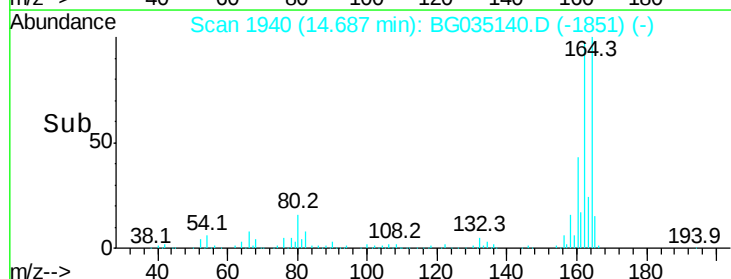
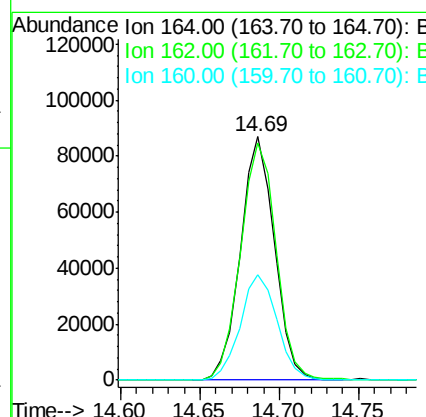
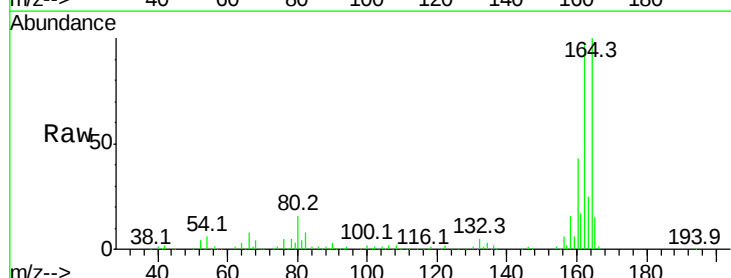
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-07-061118

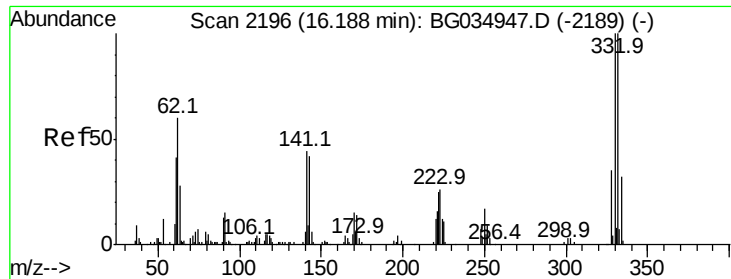
Tot Ion: 82 Resp: 416436
 Ion Ratio Lower Upper
 82 100
 128 36.2 29.7 44.5
 54 42.2 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035140.D
 Acq: 14 Jun 2018 16:35

Tgt Ion: 164 Resp: 129237
 Ion Ratio Lower Upper
 164 100
 162 97.5 78.8 118.2
 160 43.2 35.4 53.0

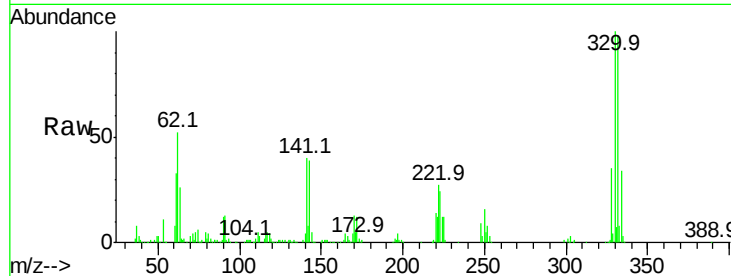




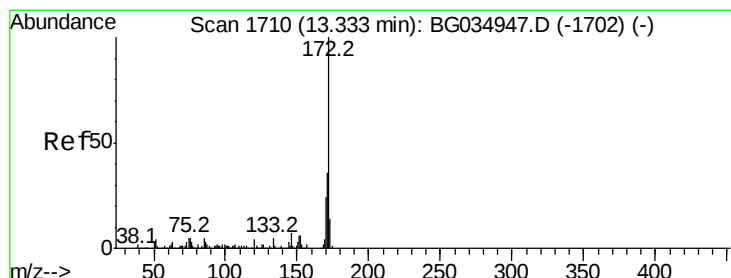
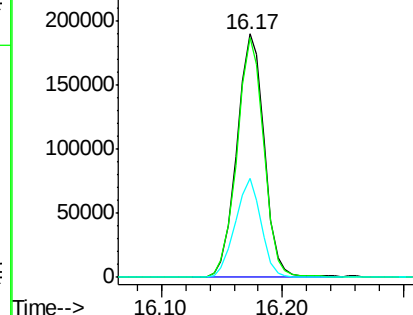
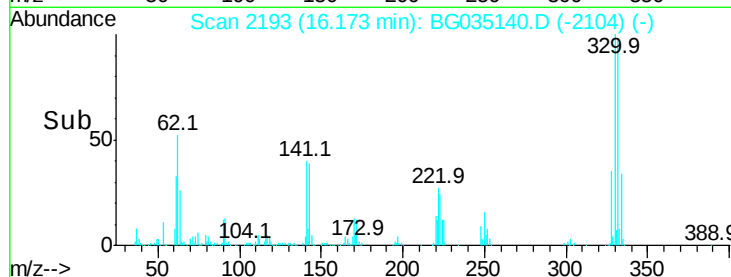
#41
 2,4,6-Tribromophenol
 Concen: 181.298 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035140.D
 Acq: 14 Jun 2018 16:35

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-07-061118

Tot Ion:330 Resp: 299939
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 38.4 25.2 37.8#

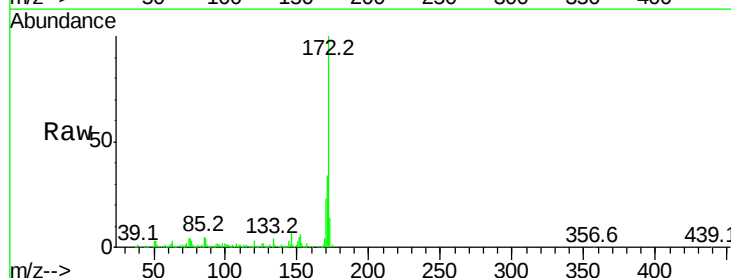


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

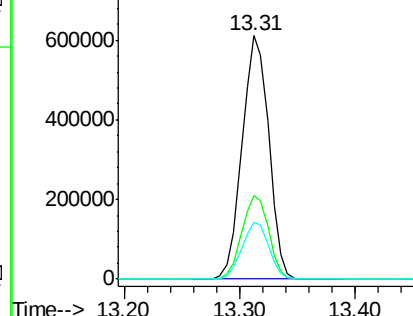
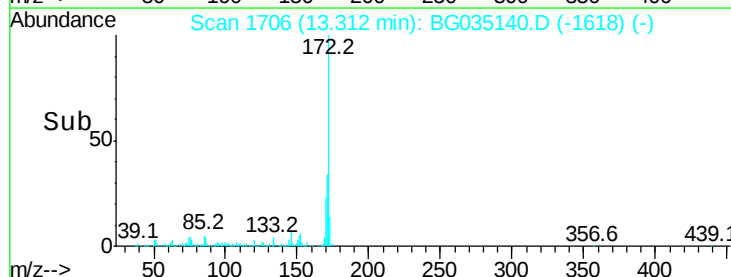


#44
 2-Fluorobiphenyl
 Concen: 98.268 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035140.D
 Acq: 14 Jun 2018 16:35

Tgt Ion:172 Resp: 976912
 Ion Ratio Lower Upper
 172 100
 171 34.5 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: BG035140.D

Acq: 14 Jun 2018 16:35

Instrument :

BNA_G

ClientSampleId :

C-MW-07-061118

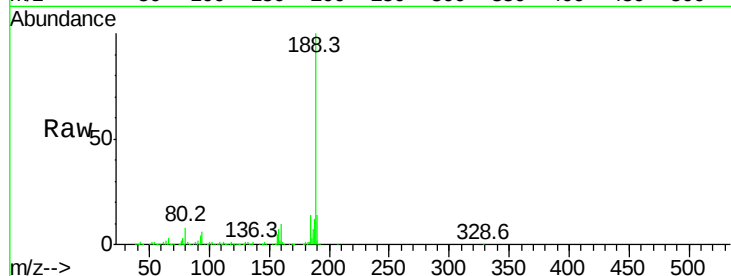
Tot Ion:188 Resp: 352341

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

80 7.8 7.7 11.5

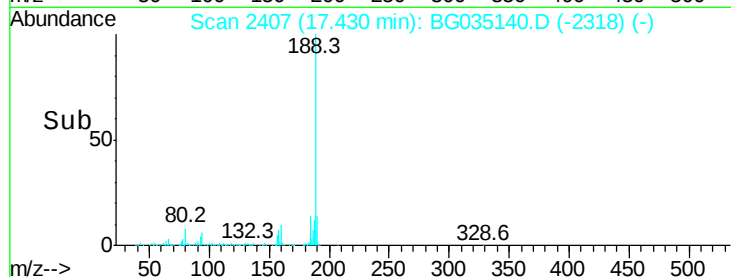


Abundance Ion 188.00 (187.70 to 188.70): E

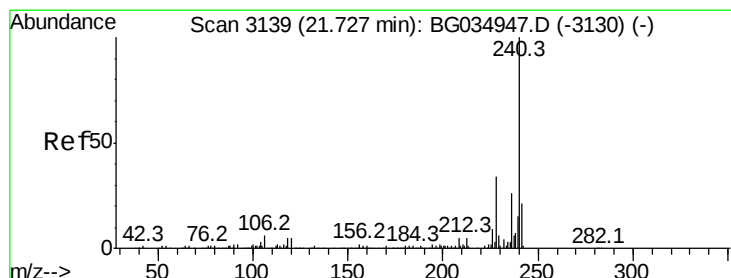
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035140.D

Acq: 14 Jun 2018 16:35

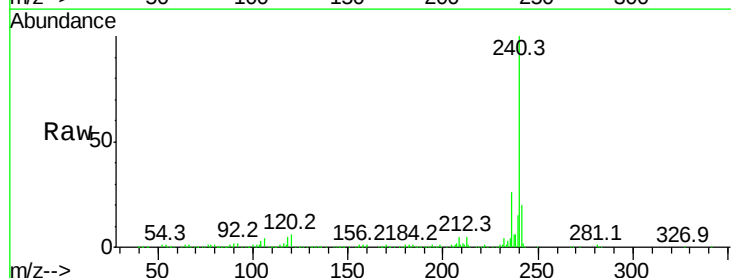
Tgt Ion:240 Resp: 381962

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

236 25.9 20.9 31.3

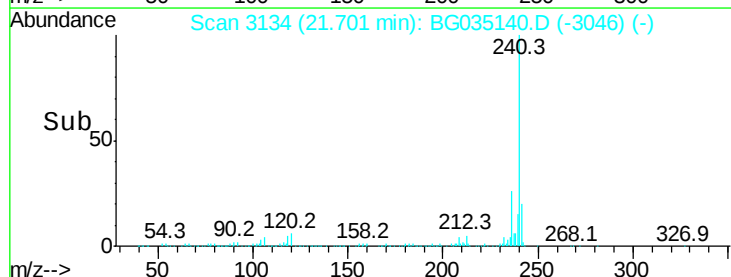


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 100.309 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035140.D

Acq: 14 Jun 2018 16:35

Instrument :

BNA_G

ClientSampleId :

C-MW-07-061118

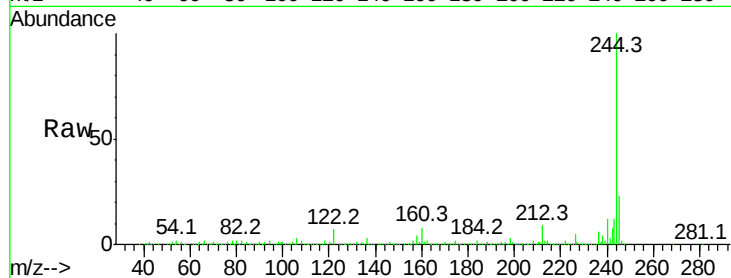
Tot Ion:244 Resp: 1829132

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

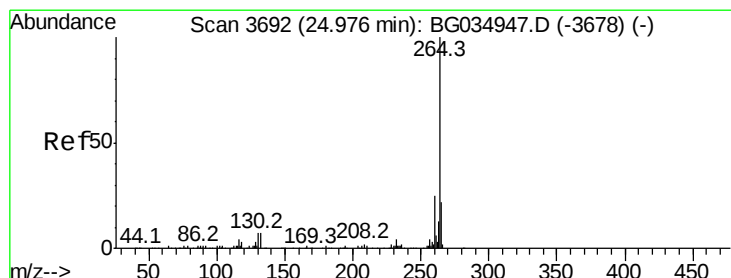
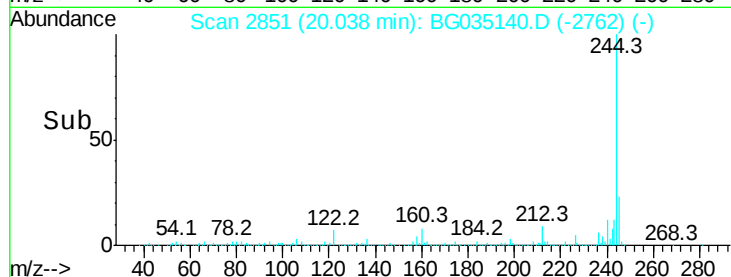
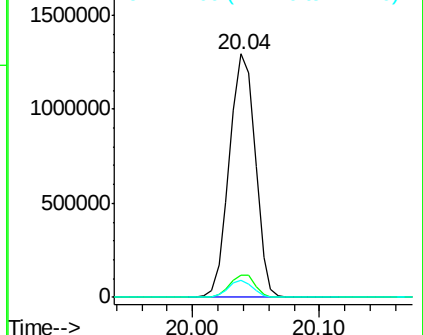
122 7.0 7.0 10.4



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: 24.93 min Scan# 3684

Delta R.T. -0.02 min

Lab File: BG035140.D

Acq: 14 Jun 2018 16:35

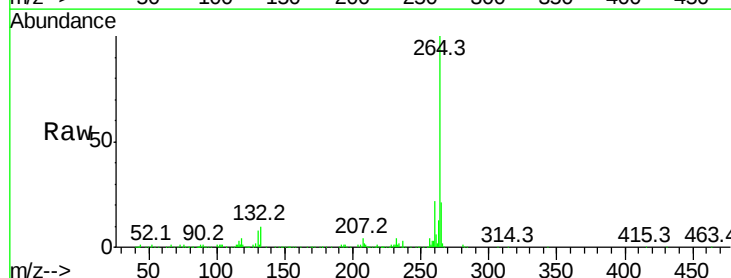
Tgt Ion:264 Resp: 359299

Ion Ratio Lower Upper

264 100

260 21.6 17.4 26.0

265 21.3 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

