

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035648.D
 Acq On : 14 Jul 2018 3:13
 Operator : JU/SJ
 Sample : J3966-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11977

Quant Time: Jul 14 04:23:36 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	8.06	152	44567	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	170378	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	124863	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	358895	20.00	ng	0.00
75) Chrysene-d12	21.69	240	383756	20.00	ng	0.00
86) Perylene-d12	24.91	264	364354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	401648	149.62	ng	0.00
7) Phenol-d6	7.22	99	532163	132.87	ng	0.00
23) Nitrobenzene-d5	9.22	82	438333	107.47	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	297893	181.00	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	952277	102.18	ng	0.00
78) Terphenyl-d14	20.02	244	1863624	107.05	ng	0.00

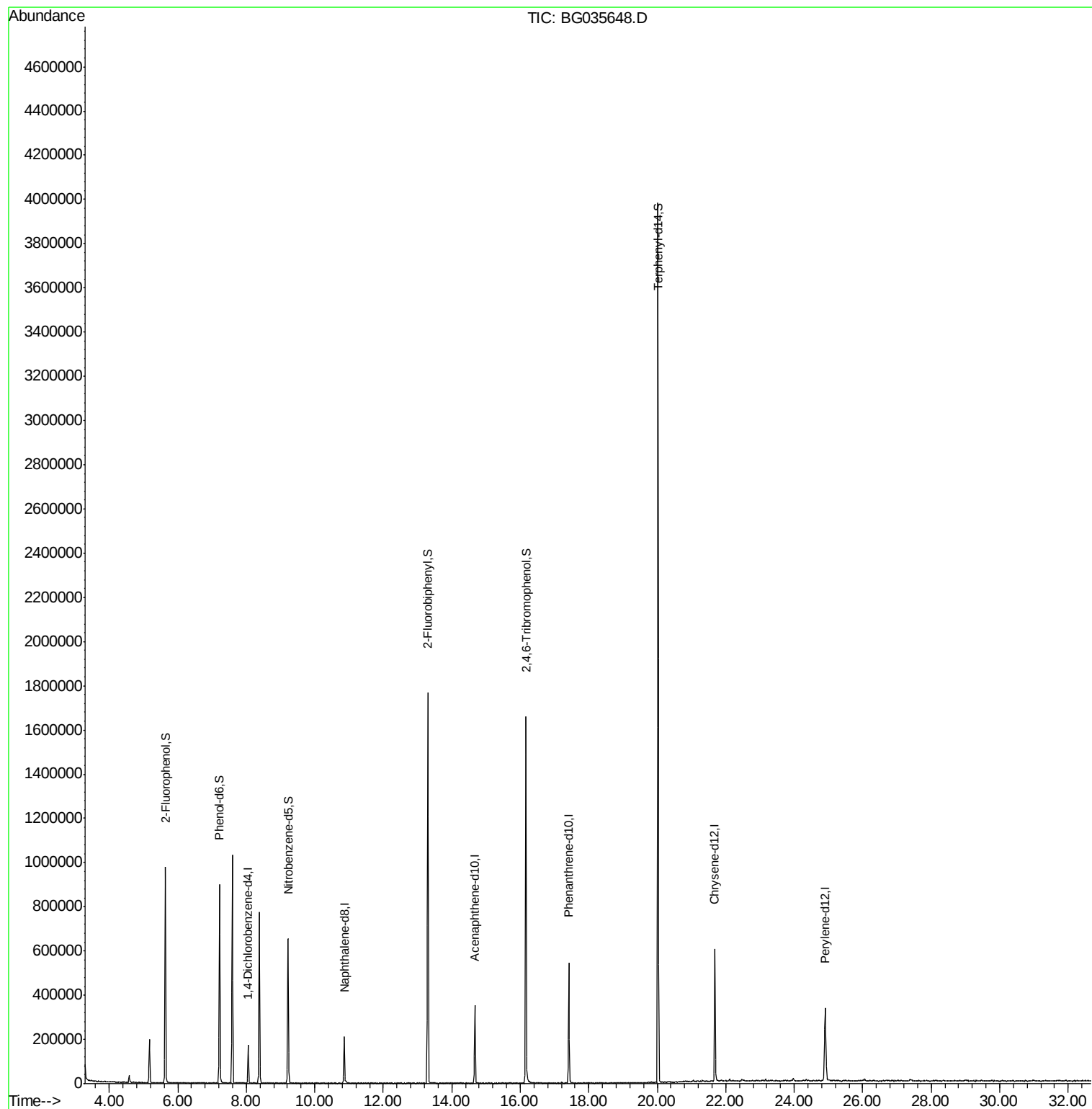
Target Compounds Qvalue

(#) = 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. -0.00 min

Lab File: BG035648.D

Acq: 14 Jul 2018 3:13

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BNA_G

ClientSampleId :

72-11977

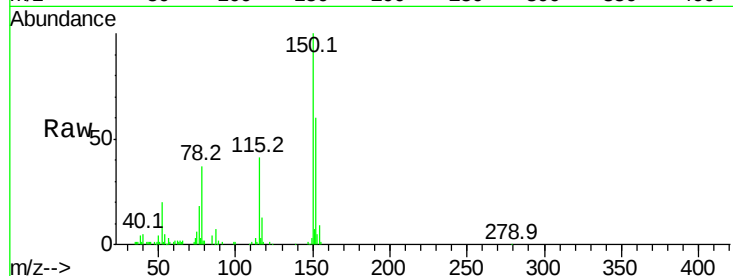
Tot Ion:152 Resp: 44567

Ion Ratio Lower Upper

152 100

150 165.8 126.6 189.8

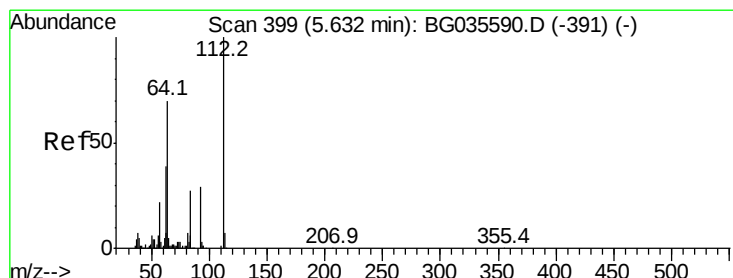
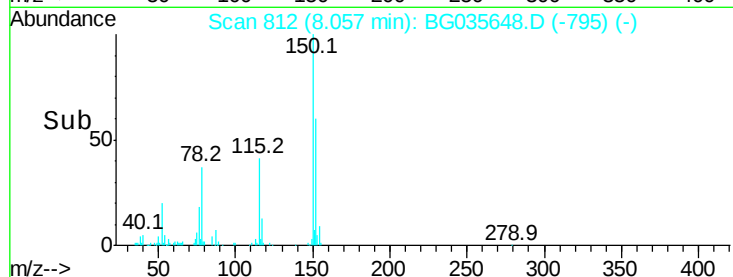
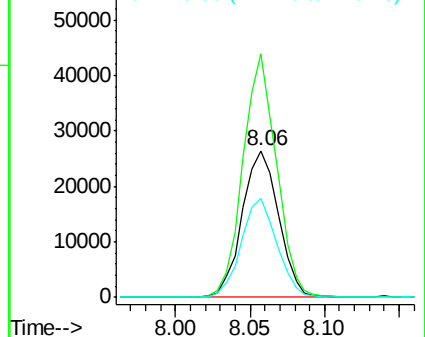
115 67.2 53.0 79.4



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: 149.624 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG035648.D

Acq: 14 Jul 2018 3:13

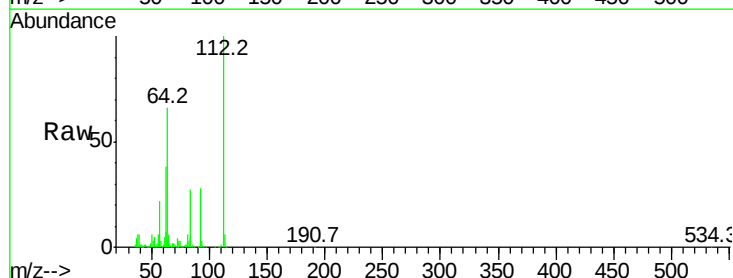
Tgt Ion:112 Resp: 401648

Ion Ratio Lower Upper

112 100

64 65.9 56.3 84.5

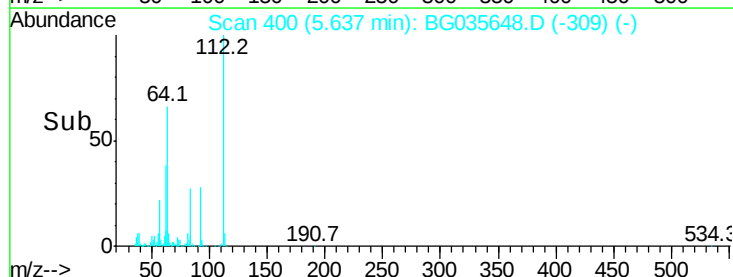
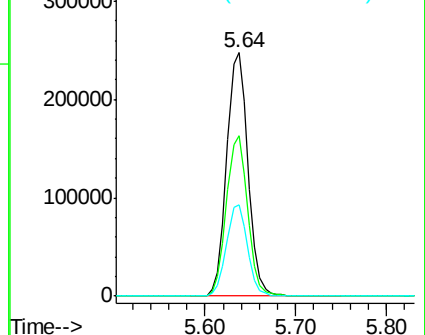
63 37.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.873 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035648.D

Acq: 14 Jul 2018 3:13

Instrument :

BNA_G

ClientSampleId :

72-11977

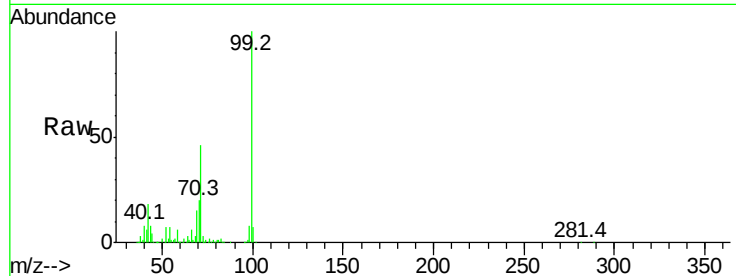
Tot Ion: 99 Resp: 532163

Ion Ratio Lower Upper

99 100

42 17.8 14.1 21.1

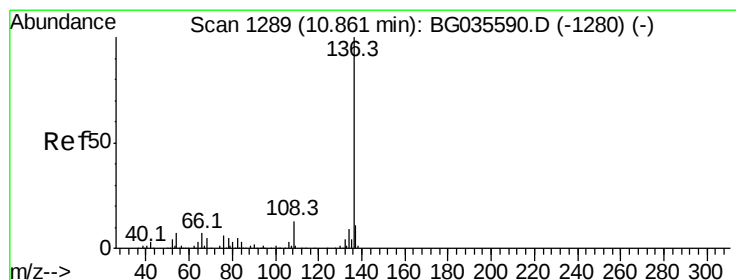
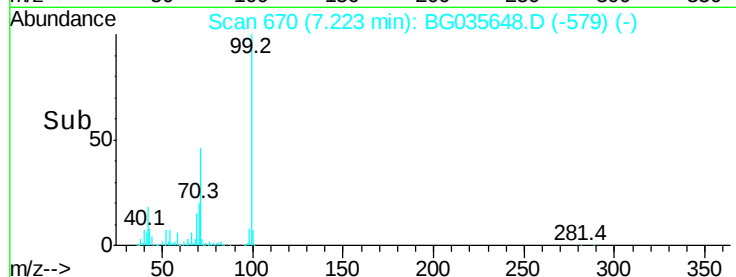
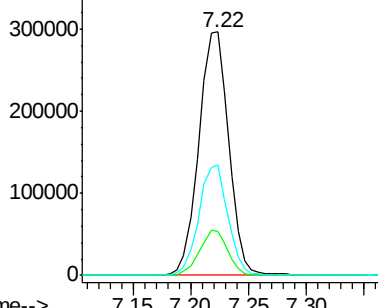
71 45.5 26.1 39.1#



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. -0.00 min

Lab File: BG035648.D

Acq: 14 Jul 2018 3:13

Tgt Ion:136 Resp: 170378

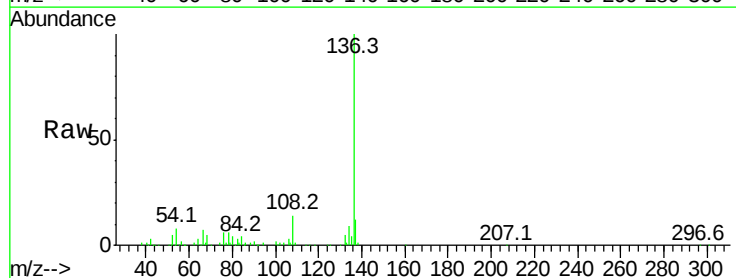
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 8.1 10.3 15.5#

68 5.1 4.5 6.7

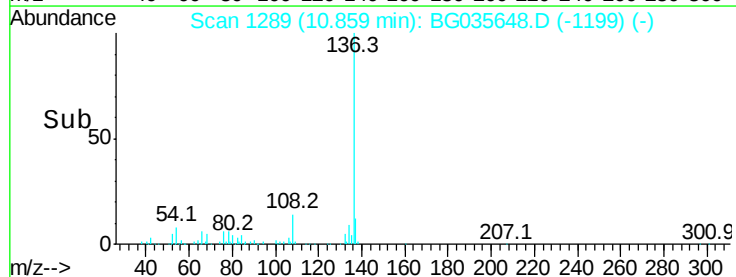
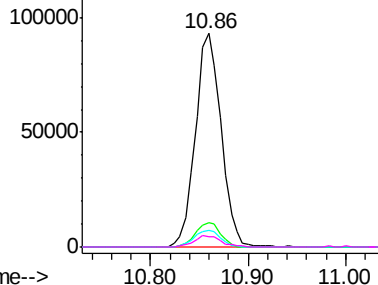


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

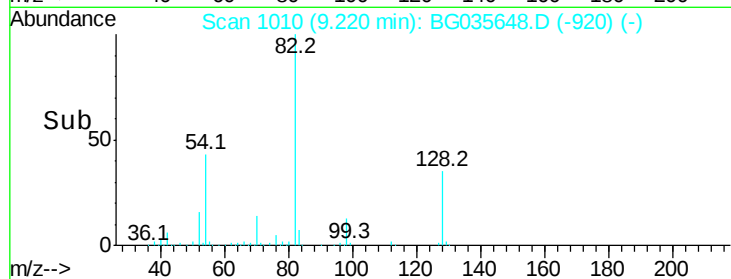
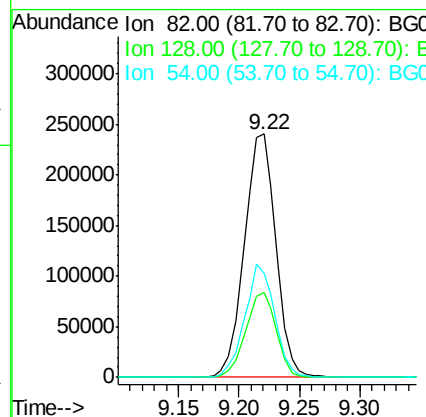
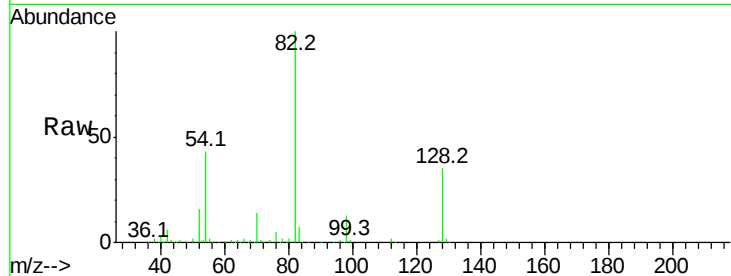




#23
 Nitrobenzene-d5
 Concen: 107.474 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG035648.D
 Acq: 14 Jul 2018 3:13

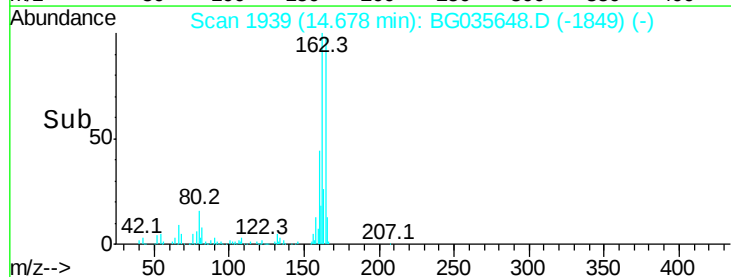
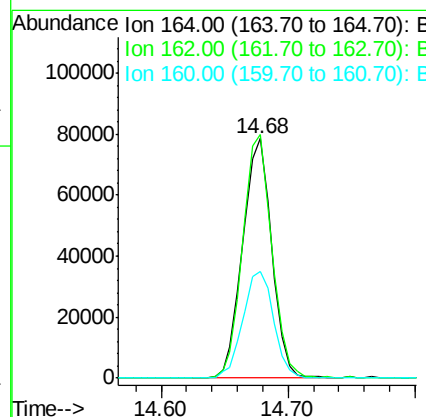
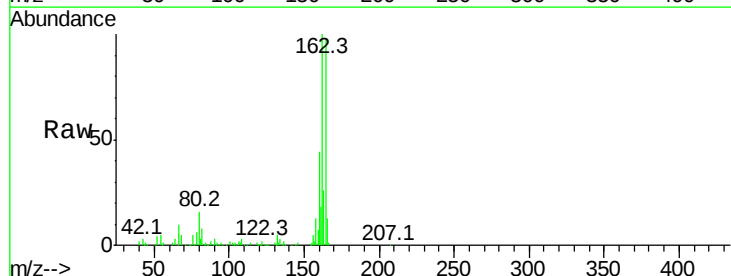
Instrument :
 BNA_G
 ClientSampleId :
 72-11977

Tot Ion: 82 Resp: 438333
 Ion Ratio Lower Upper
 82 100
 128 35.0 29.7 44.5
 54 42.8 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG035648.D
 Acq: 14 Jul 2018 3:13

Tgt Ion:164 Resp: 124863
 Ion Ratio Lower Upper
 164 100
 162 101.7 78.8 118.2
 160 44.6 35.4 53.0

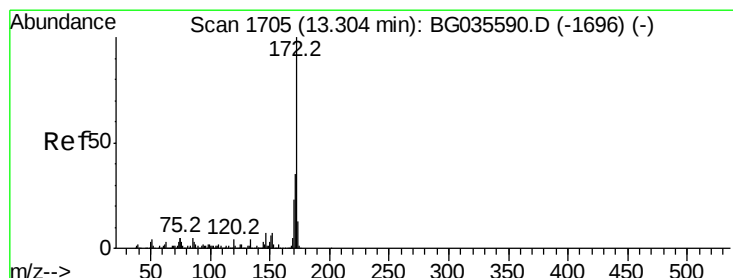
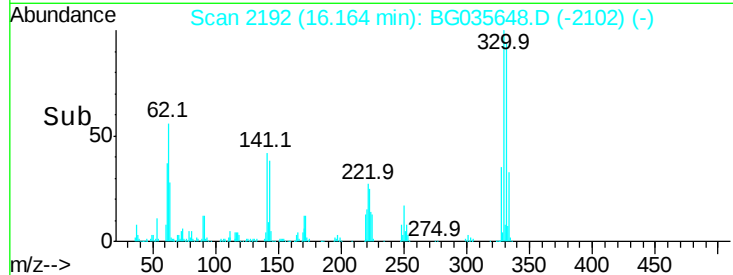
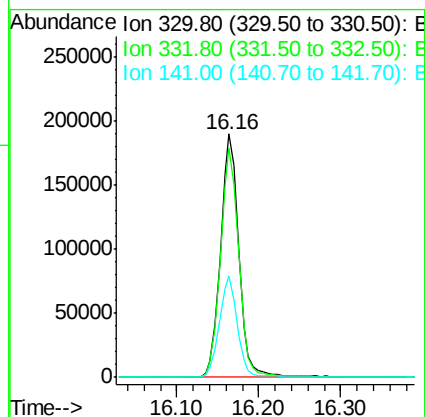
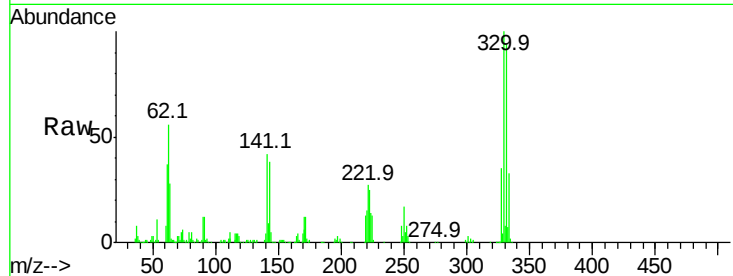




#41
 2,4,6-Tribromophenol
 Concen: 181.005 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035648.D
 Acq: 14 Jul 2018 3:13

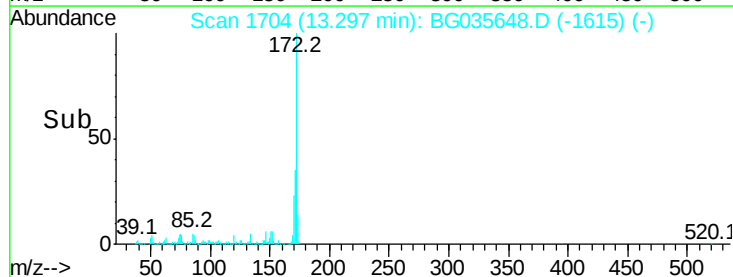
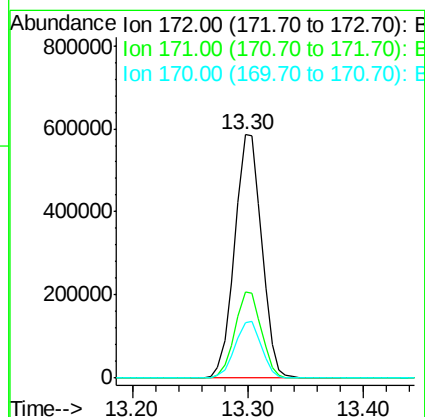
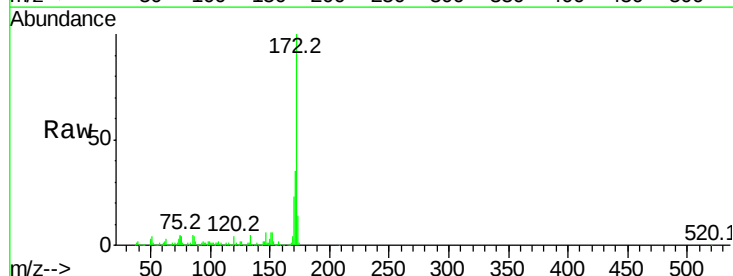
Instrument :
 BNA_G
 ClientSampleId :
 72-11977

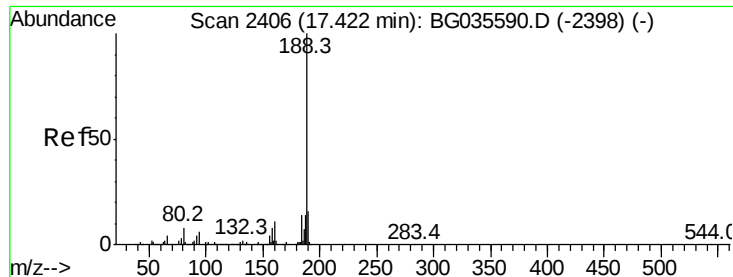
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	40.6	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 102.176 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035648.D
 Acq: 14 Jul 2018 3:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	22.9	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG035648.D

Acq: 14 Jul 2018 3:13

Instrument :

BNA_G

ClientSampleId :

72-11977

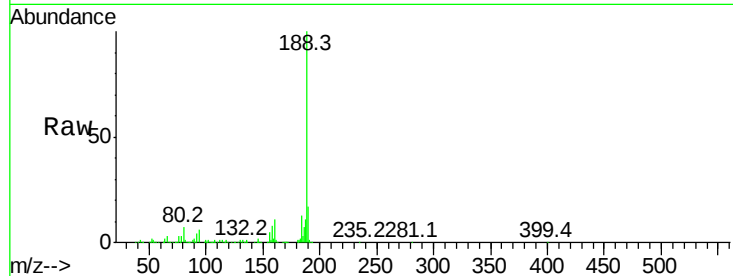
Tot Ion:188 Resp: 358895

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

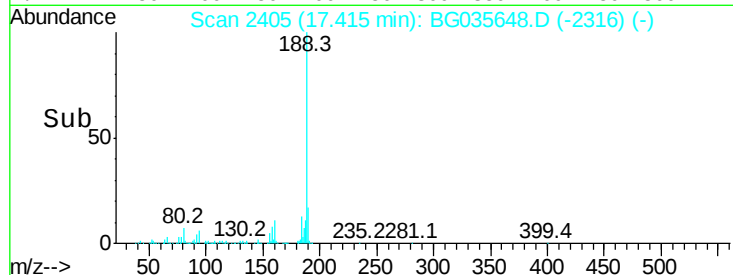
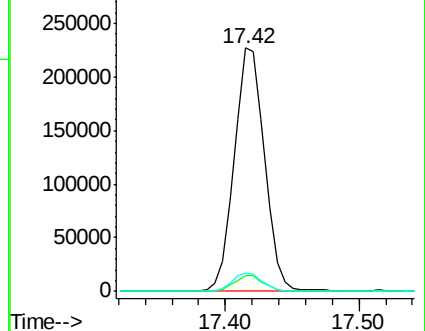
80 7.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG035648.D

Acq: 14 Jul 2018 3:13

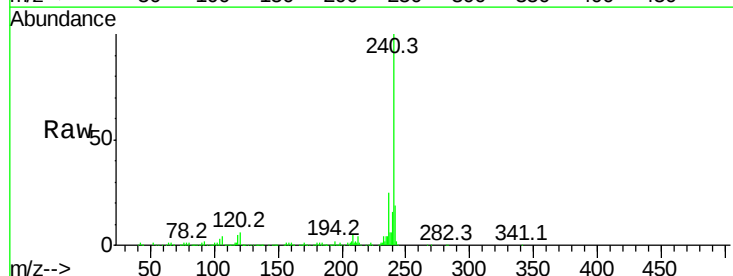
Tgt Ion:240 Resp: 383756

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

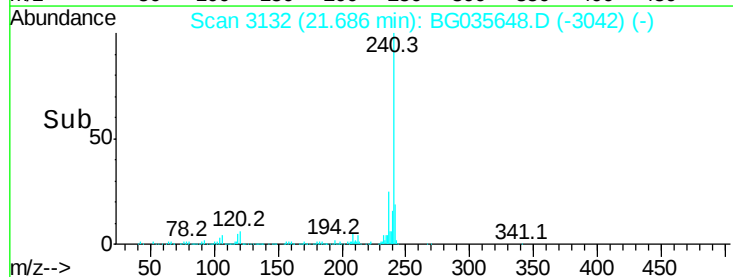
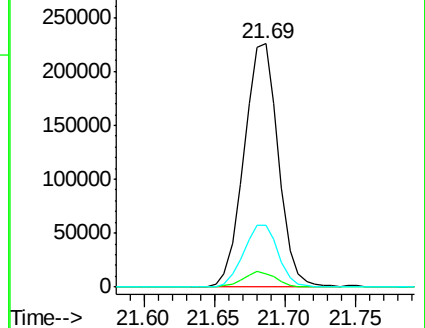
236 25.4 20.9 31.3



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: 107.047 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035648.D

Acq: 14 Jul 2018 3:13

Instrument :

BNA_G

ClientSampleId :

72-11977

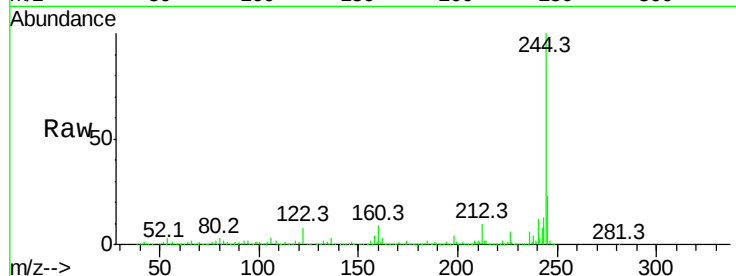
Tot Ion:244 Resp: 1863624

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

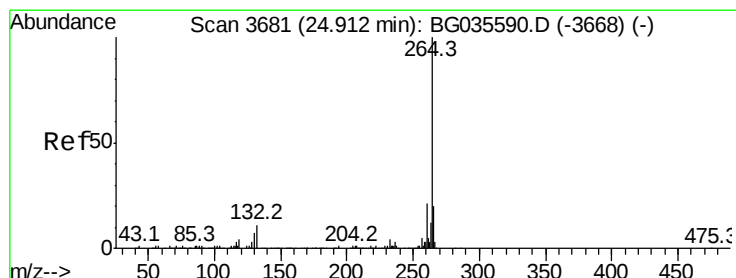
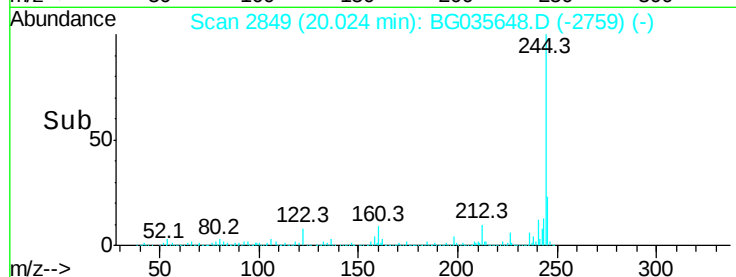
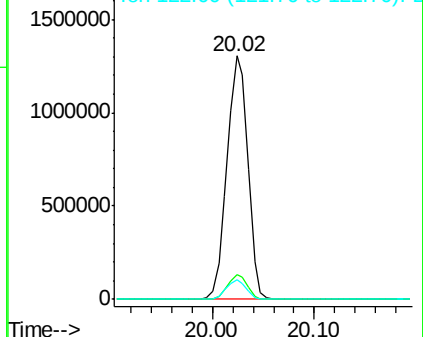
122 8.1 7.0 10.4



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: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG035648.D

Acq: 14 Jul 2018 3:13

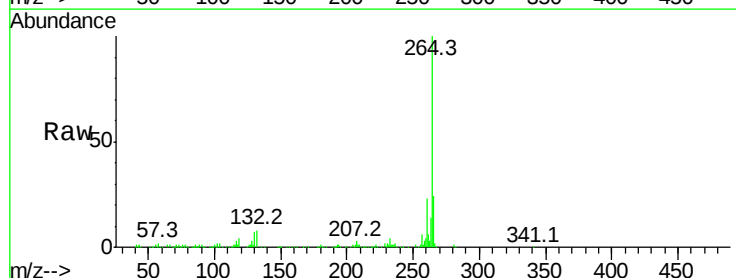
Tgt Ion:264 Resp: 364354

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 24.1 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

