

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
 Data File : BG035617.D
 Acq On : 13 Jul 2018 6:15
 Operator : JU/SJ
 Sample : PB111040TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111040TB

Quant Time: Jul 13 08:15:46 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	44804	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	167205	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	125779	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	355969	20.00	ng	0.00
75) Chrysene-d12	21.69	240	380702	20.00	ng	0.00
86) Perylene-d12	24.91	264	350140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	393086	145.66	ng	0.00
7) Phenol-d6	7.22	99	566225	140.63	ng	0.00
23) Nitrobenzene-d5	9.21	82	370412	92.54	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	241499	145.67	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	853856	90.95	ng	0.00
78) Terphenyl-d14	20.02	244	1604368	92.89	ng	0.00

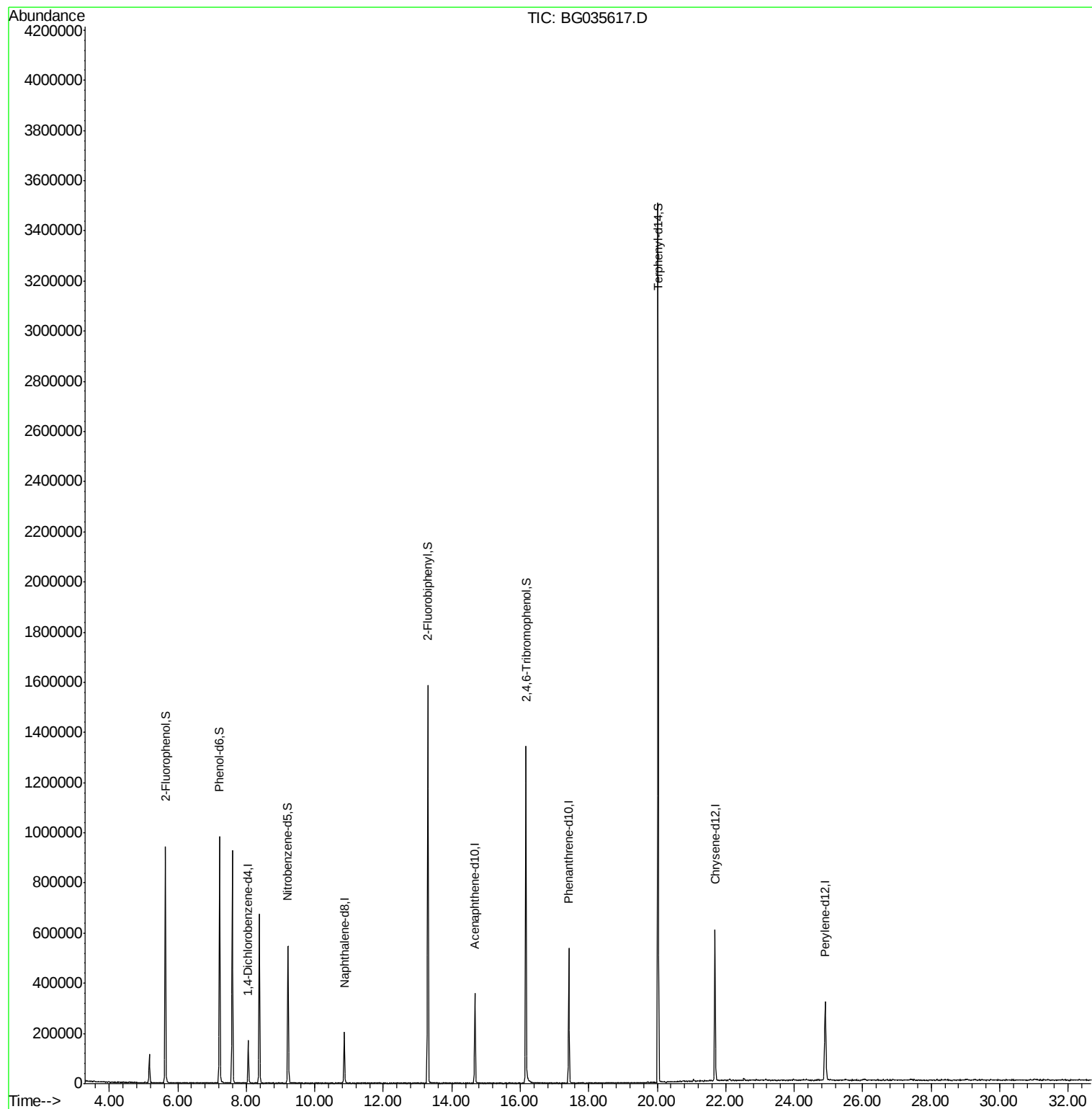
Target Compounds Qvalue

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

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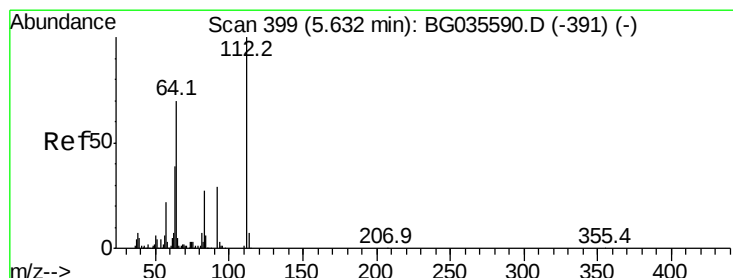
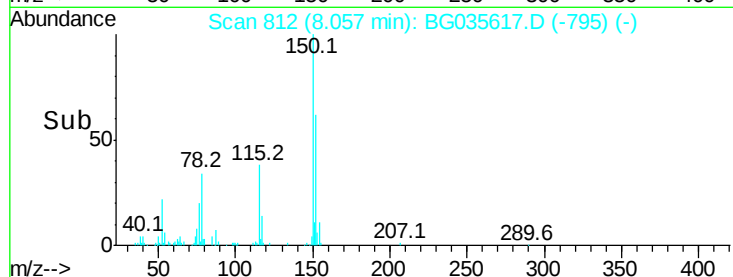
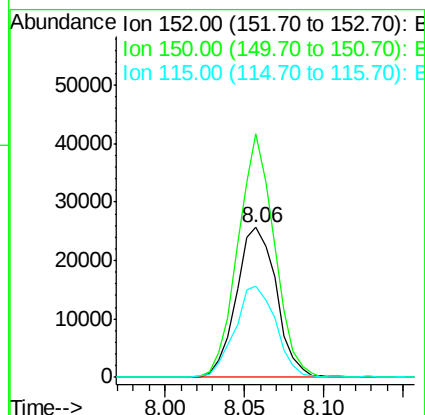
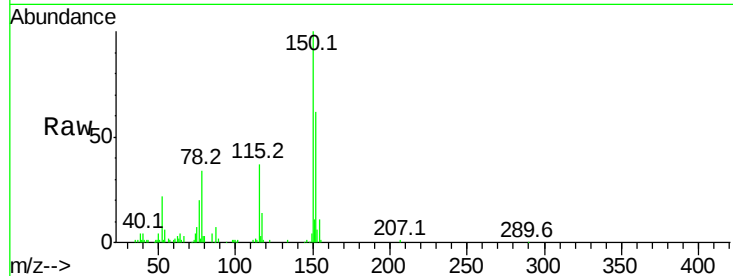


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG035617.D
 Acq: 13 Jul 2018 6:15

Instrument :
 BNA_G
 ClientSampleId :
 PB111040TB

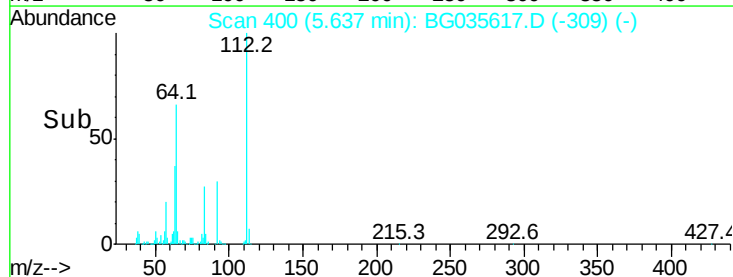
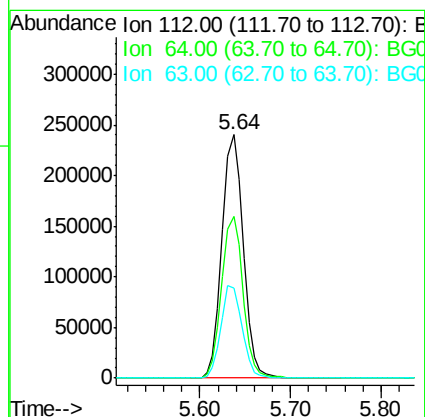
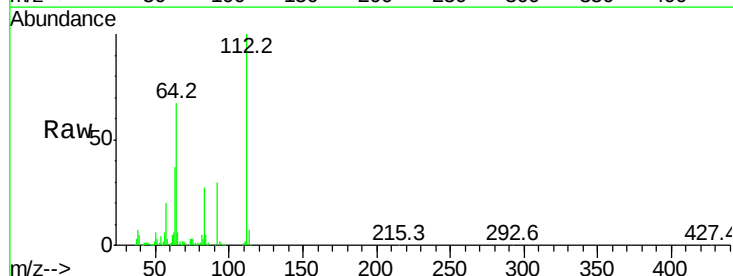
Tot Ion:152 Resp: 44804
 Ion Ratio Lower Upper
 152 100
 150 162.6 126.6 189.8
 115 60.7 53.0 79.4



#5

2-Fluorophenol
 Concen: 145.660 ng
 RT: 5.64 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BG035617.D
 Acq: 13 Jul 2018 6:15

Tgt Ion:112 Resp: 393086
 Ion Ratio Lower Upper
 112 100
 64 66.6 56.3 84.5
 63 37.2 30.1 45.1





#7

Phenol-d6

Concen: 140.629 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035617.D

Acq: 13 Jul 2018 6:15

Instrument :

BNA_G

ClientSampleId :

PB111040TB

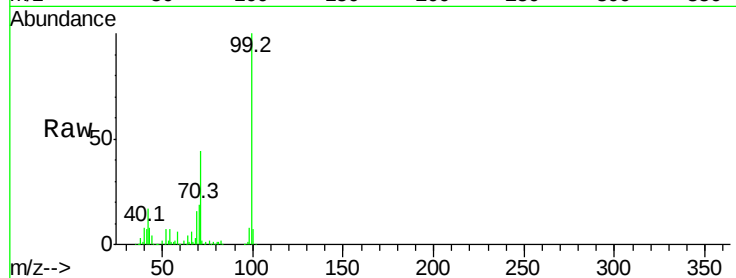
Tot Ion: 99 Resp: 566225

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

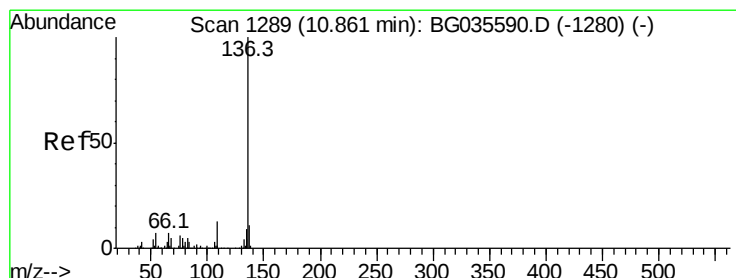
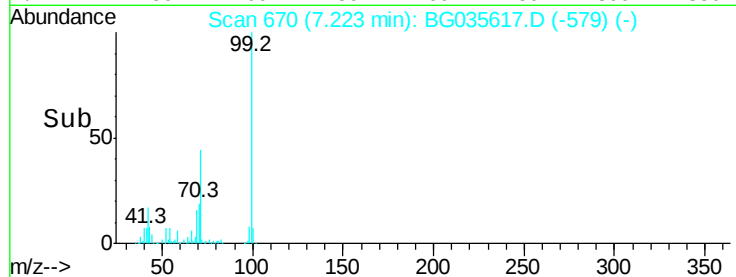
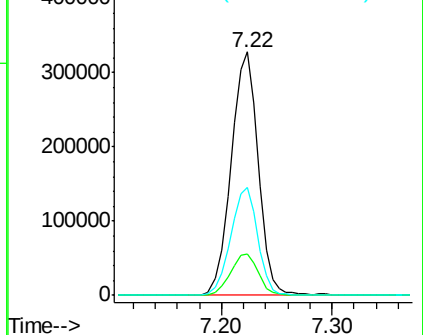
71 44.1 26.1 39.1#



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: BG035617.D

Acq: 13 Jul 2018 6:15

Tgt Ion:136 Resp: 167205

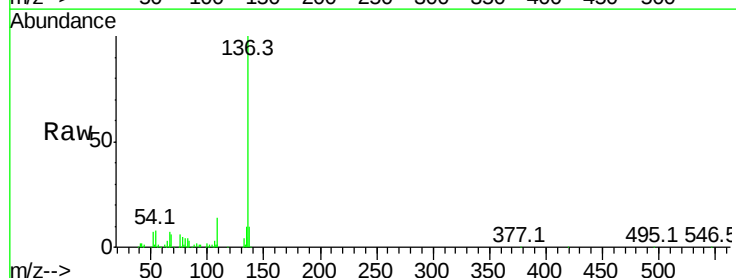
Ion Ratio Lower Upper

136 100

137 9.9 9.2 13.8

54 7.7 10.3 15.5#

68 5.8 4.5 6.7

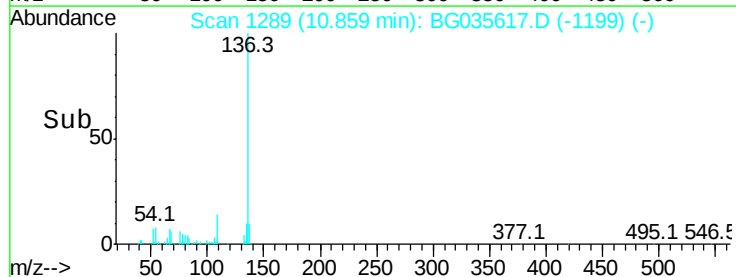
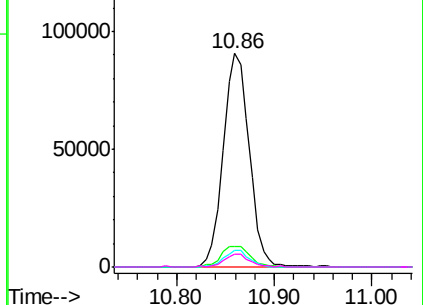


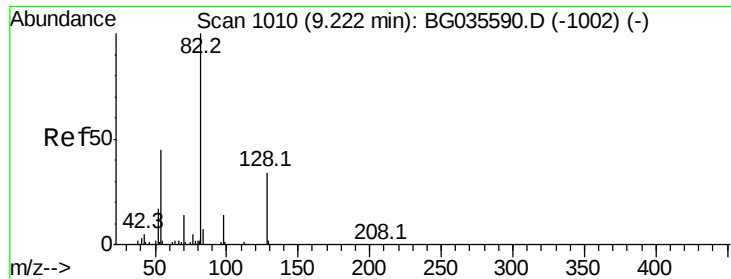
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

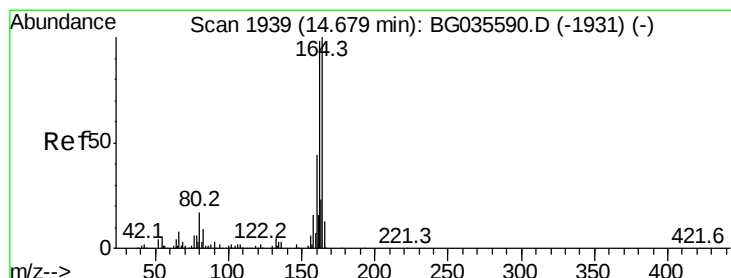
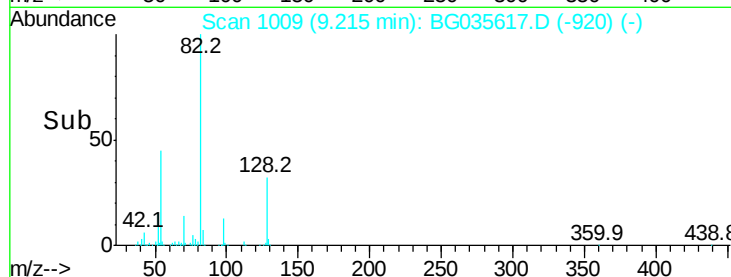
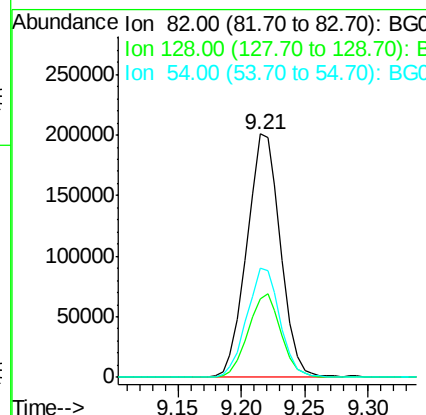
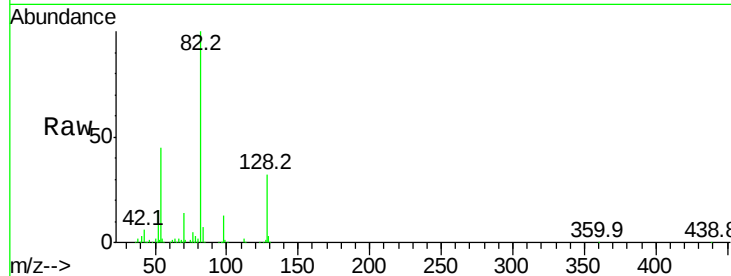




#23
 Nitrobenzene-d5
 Concen: 92.544 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035617.D
 Acq: 13 Jul 2018 6:15

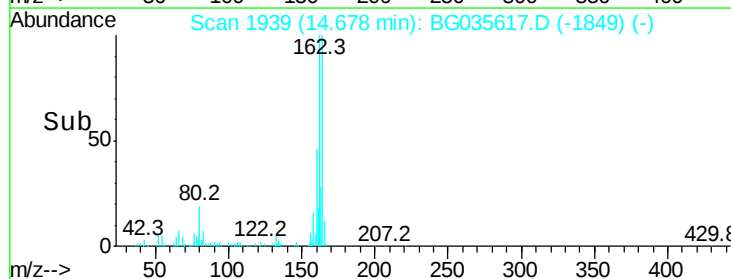
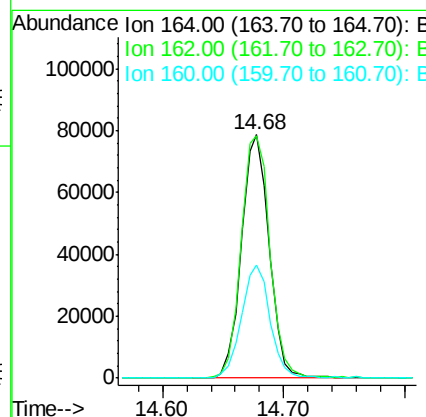
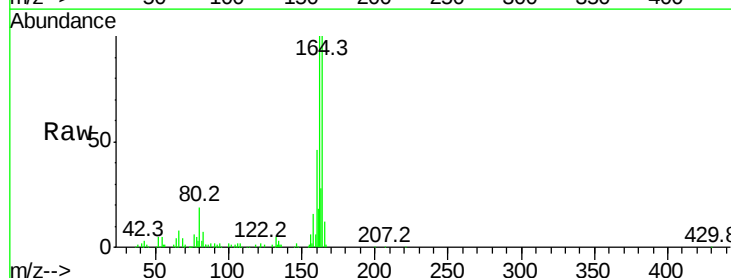
Instrument :
 BNA_G
 ClientSampleID :
 PB111040TB

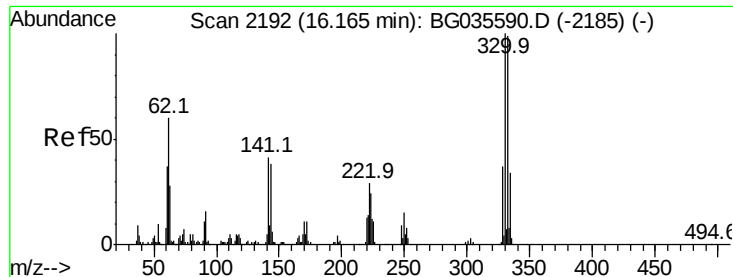
Tot Ion	82	Resp	370412
Ion Ratio	100	Lower	Upper
128	32.1	29.7	44.5
54	44.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG035617.D
 Acq: 13 Jul 2018 6:15

Tgt Ion	164	Resp	125779
Ion Ratio	100	Lower	Upper
162	99.8	78.8	118.2
160	46.3	35.4	53.0

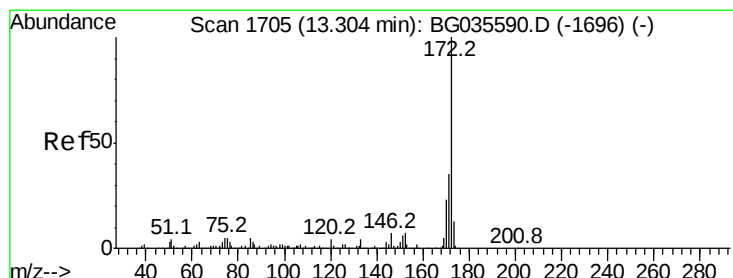
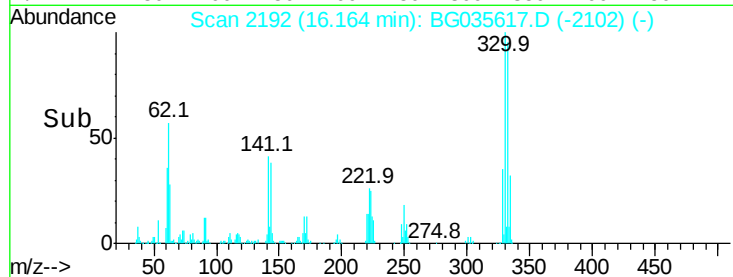
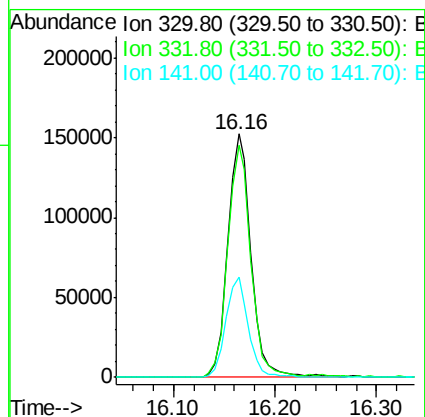
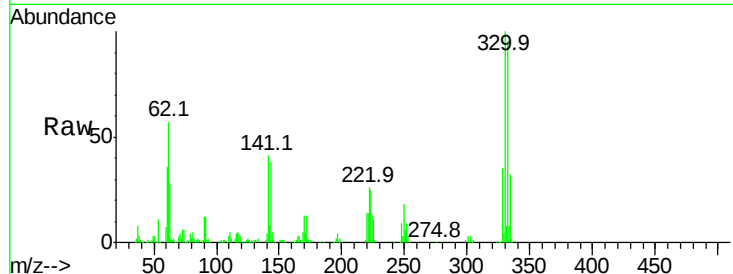




#41
 2,4,6-Tribromophenol
 Concen: 145.670 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035617.D
 Acq: 13 Jul 2018 6:15

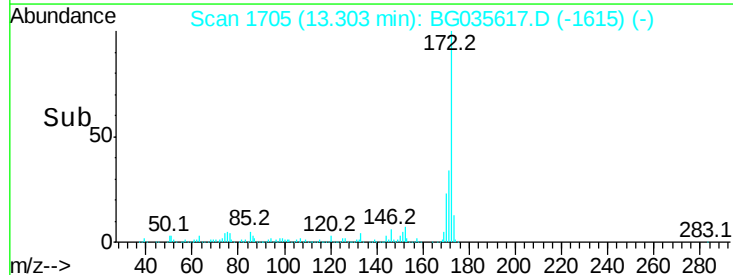
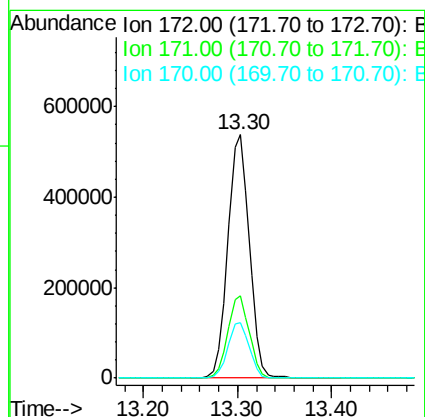
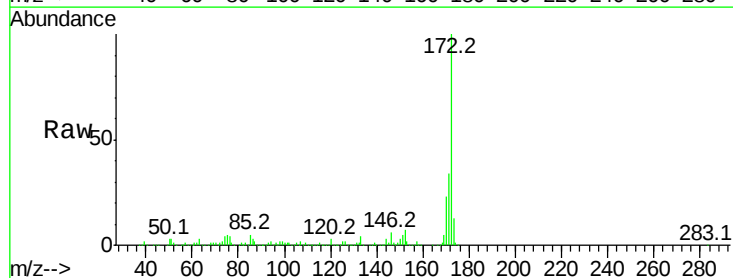
Instrument :
 BNA_G
 ClientSampleId :
 PB111040TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	40.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 90.949 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG035617.D
 Acq: 13 Jul 2018 6:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	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: BG035617.D

Acq: 13 Jul 2018 6:15

Instrument :

BNA_G

ClientSampleId :

PB111040TB

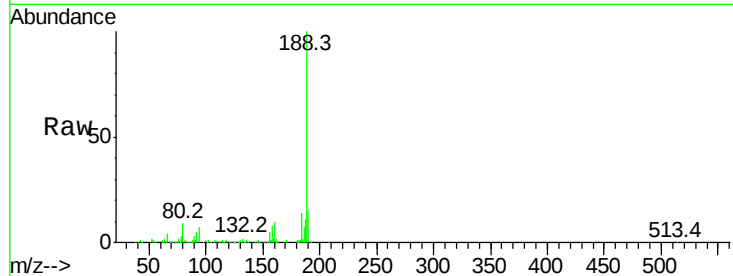
Tot Ion:188 Resp: 355969

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

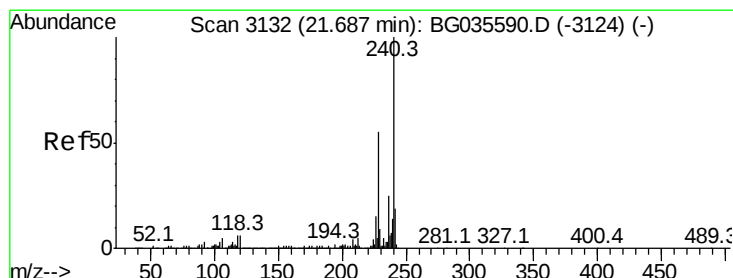
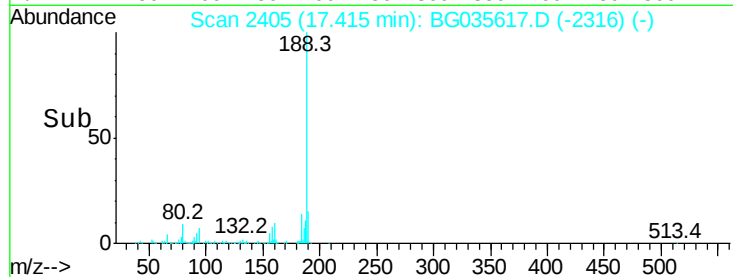
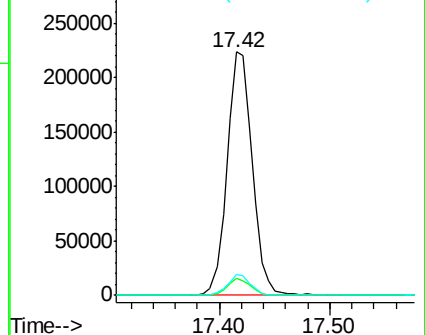
80 8.8 7.7 11.5



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: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG035617.D

Acq: 13 Jul 2018 6:15

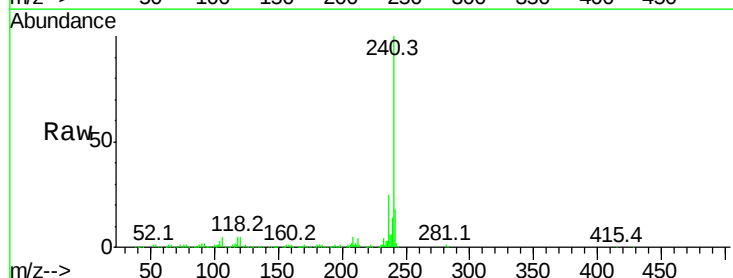
Tgt Ion:240 Resp: 380702

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

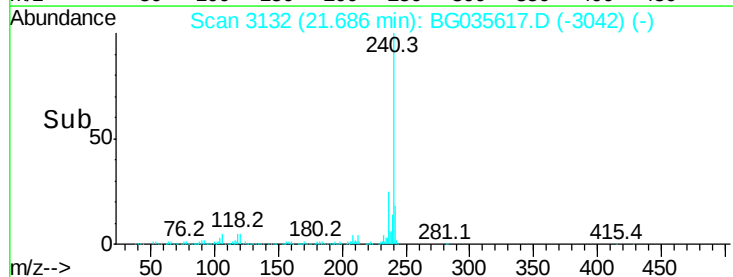
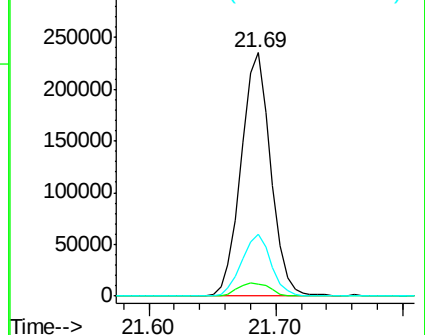
236 25.4 20.9 31.3

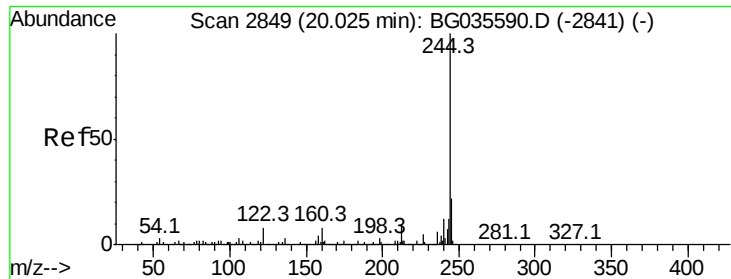


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.894 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035617.D

Acq: 13 Jul 2018 6:15

Instrument :

BNA_G

ClientSampleId :

PB111040TB

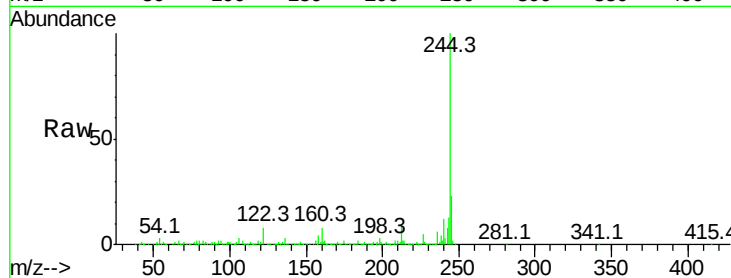
Tot Ion:244 Resp: 1604368

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

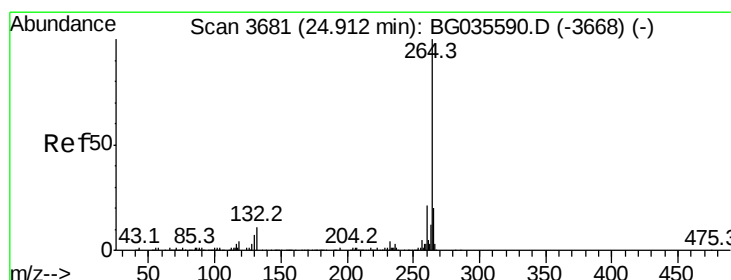
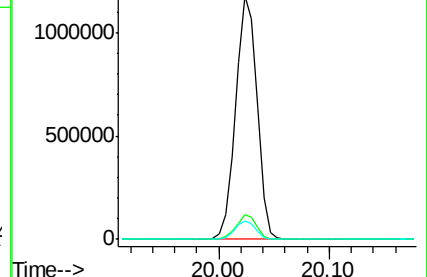
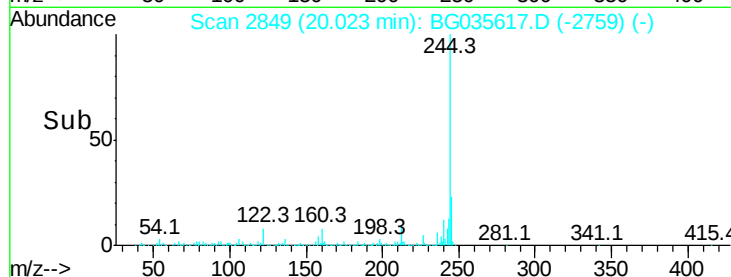
122 7.6 7.0 10.4



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: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG035617.D

Acq: 13 Jul 2018 6:15

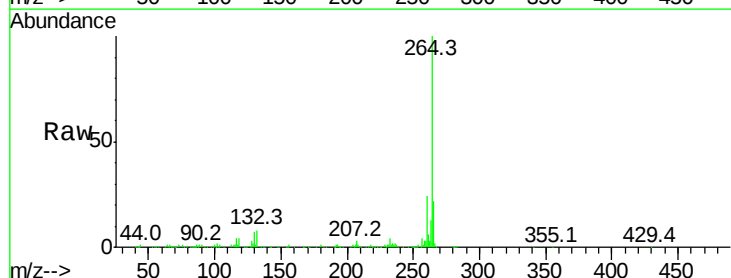
Tgt Ion:264 Resp: 350140

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 22.3 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

