

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035741.D
 Acq On : 19 Jul 2018 6:55
 Operator : JU/SJ
 Sample : J4016-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB4-U-23-13

Quant Time: Jul 19 08:41:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39643	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	143557	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	98614	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	288608	20.00	ng	0.00
75) Chrysene-d12	21.67	240	330085	20.00	ng	0.00
86) Perylene-d12	24.88	264	302124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	309923	129.79	ng	0.00
7) Phenol-d6	7.21	99	384091	107.81	ng	0.00
23) Nitrobenzene-d5	9.20	82	331026	96.33	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	200340	154.13	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	747657	101.57	ng	0.00
78) Terphenyl-d14	20.01	244	1514719	101.15	ng	0.00

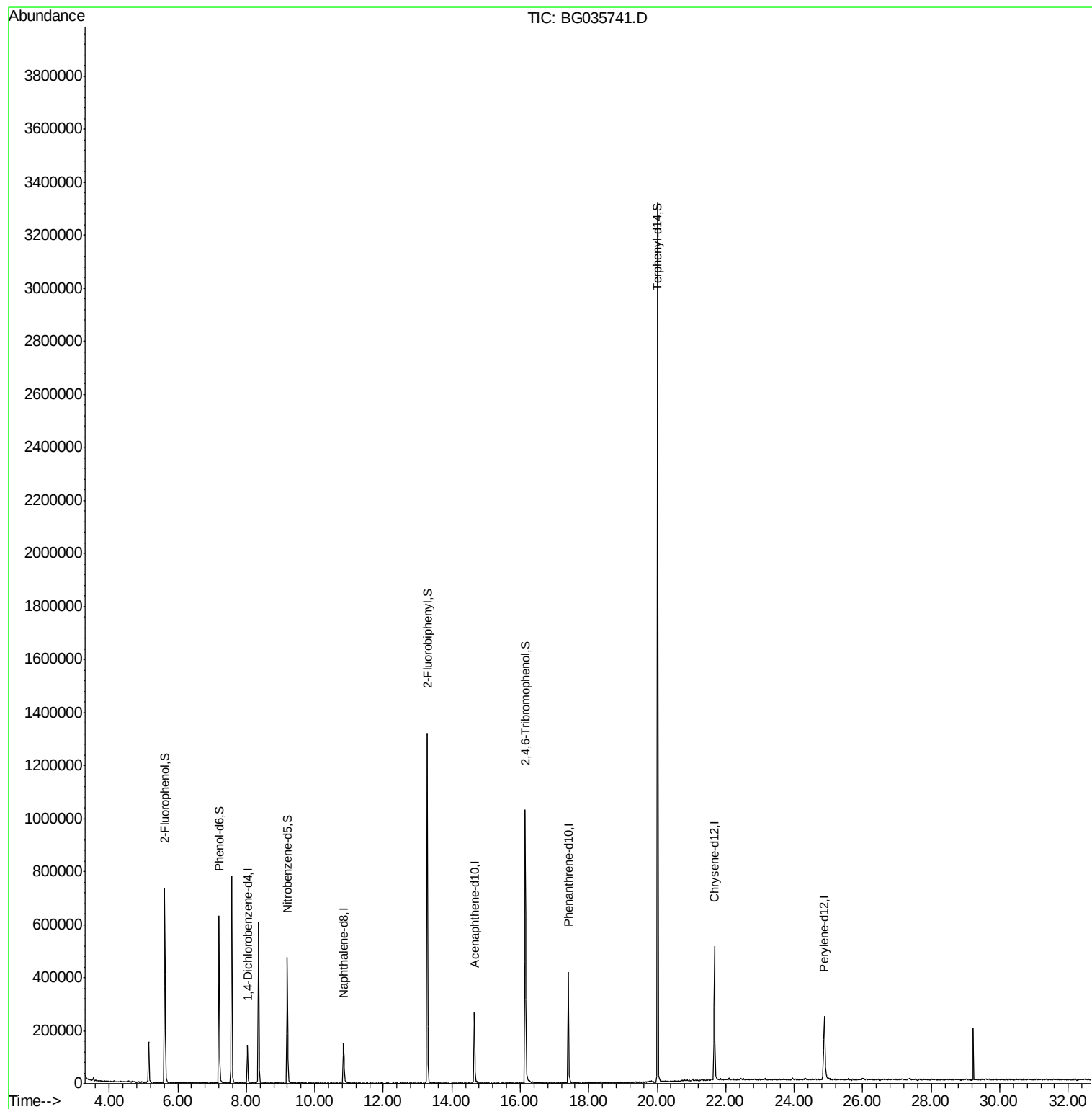
Target Compounds Qvalue

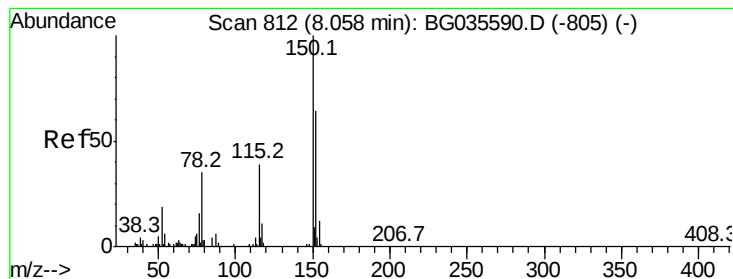
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 18 17:45:13 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG035741.D

Acq: 19 Jul 2018 6:55

Instrument :

BNA_G

ClientSampleId :

SB4-U-23-13

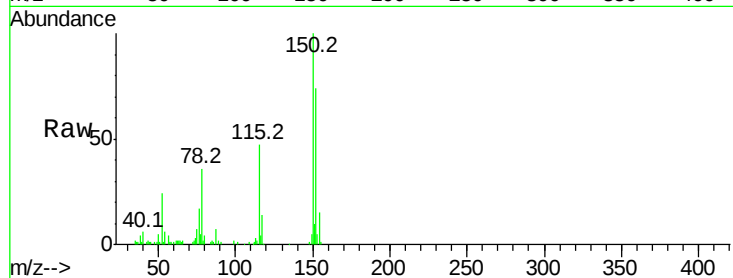
Tot Ion:152 Resp: 39643

Ion Ratio Lower Upper

152 100

150 135.4 126.6 189.8

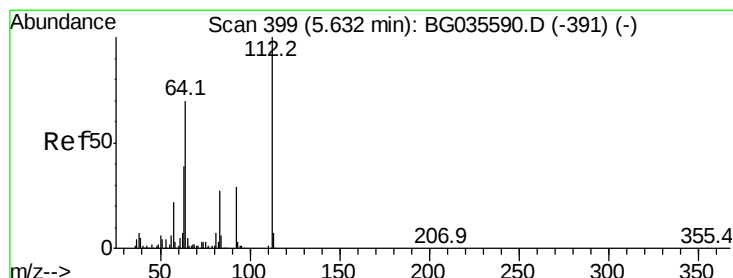
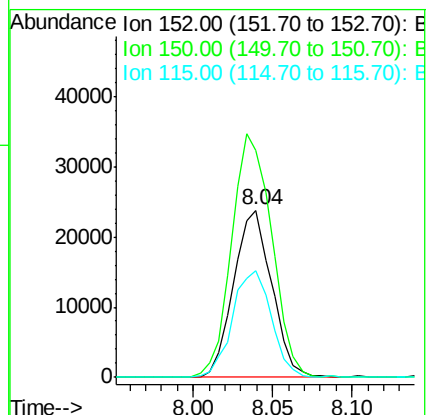
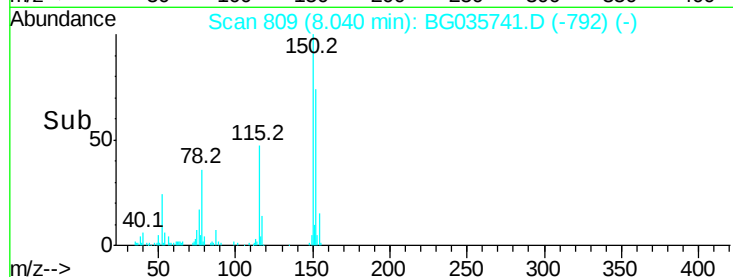
115 63.4 53.0 79.4



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: 129.795 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG035741.D

Acq: 19 Jul 2018 6:55

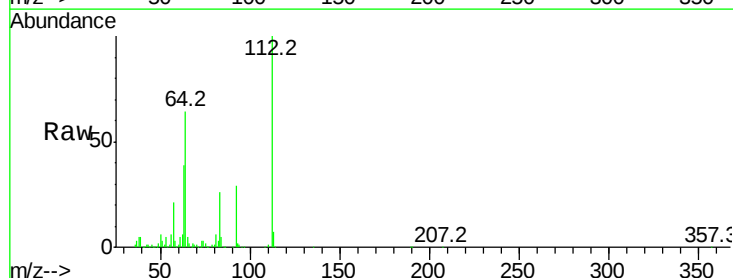
Tgt Ion:112 Resp: 309923

Ion Ratio Lower Upper

112 100

64 63.9 56.3 84.5

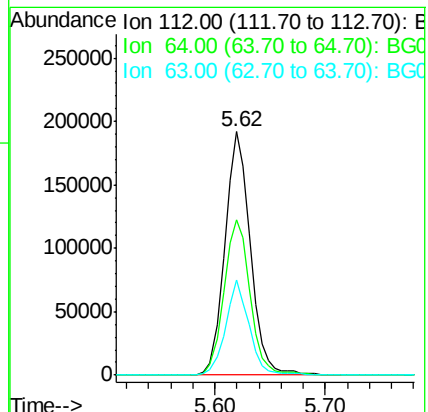
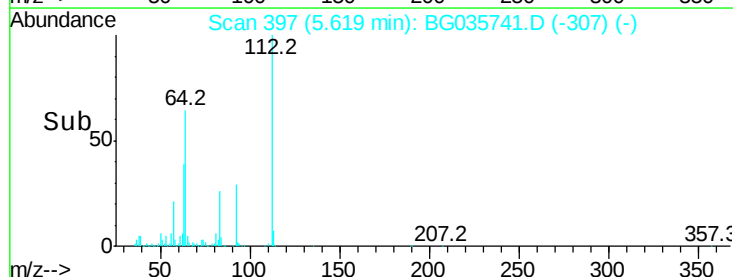
63 38.8 30.1 45.1

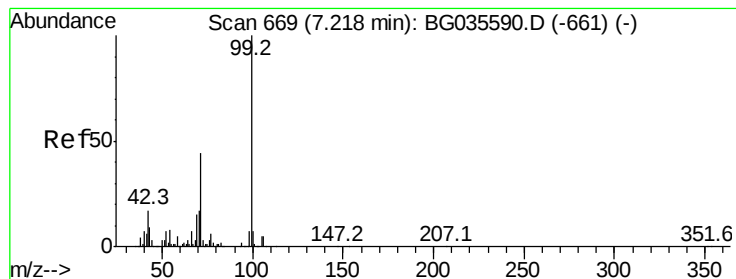


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 107.813 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG035741.D

Acq: 19 Jul 2018 6:55

Instrument :

BNA_G

ClientSampled :

SB4-U-23-13

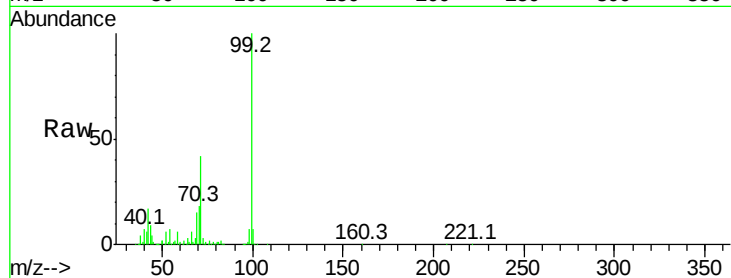
Tot Ion: 99 Resp: 384091

Ion Ratio Lower Upper

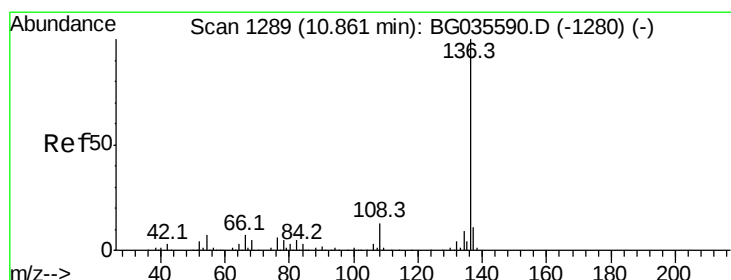
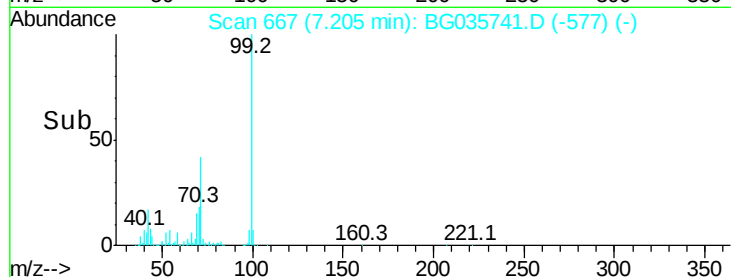
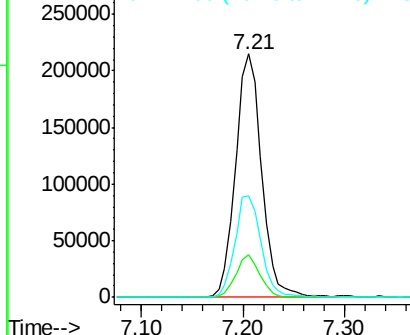
99 100

42 17.3 14.1 21.1

71 41.7 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: 10.84 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG035741.D

Acq: 19 Jul 2018 6:55

Tgt Ion: 136 Resp: 143557

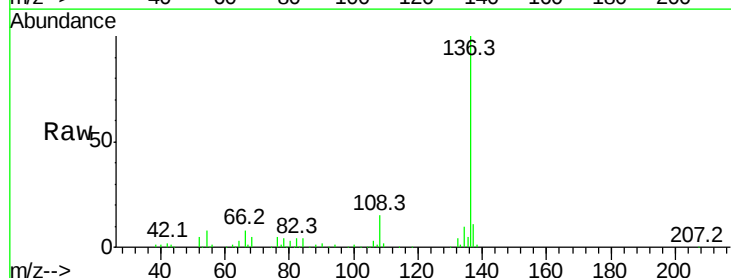
Ion Ratio Lower Upper

136 100

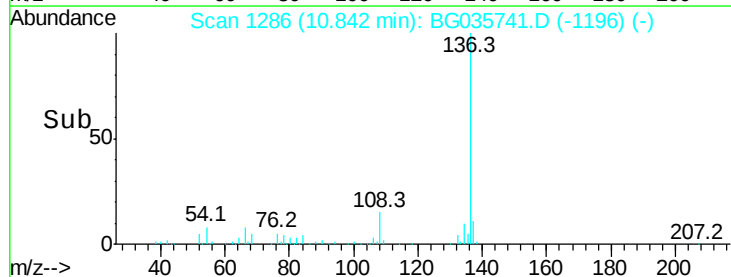
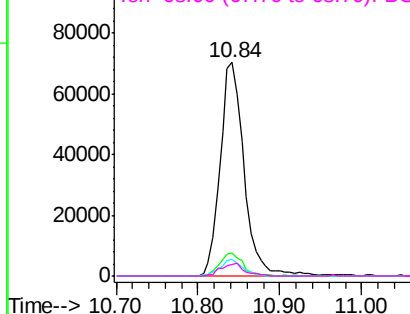
137 10.8 9.2 13.8

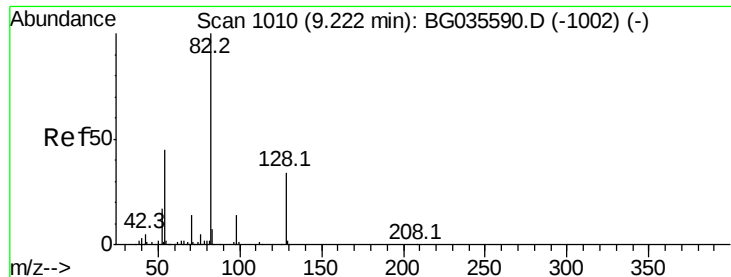
54 7.9 10.3 15.5#

68 5.2 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

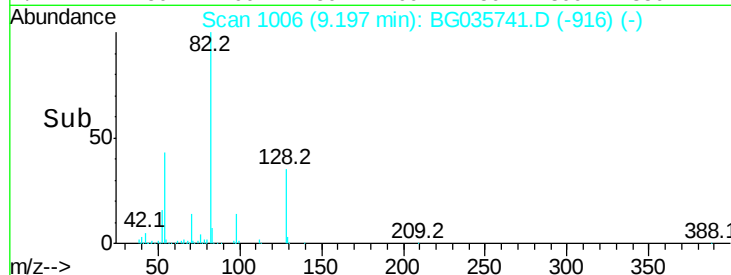
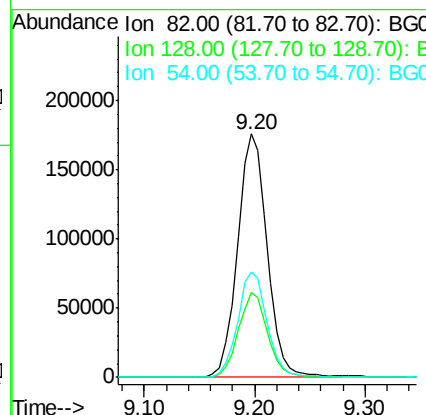
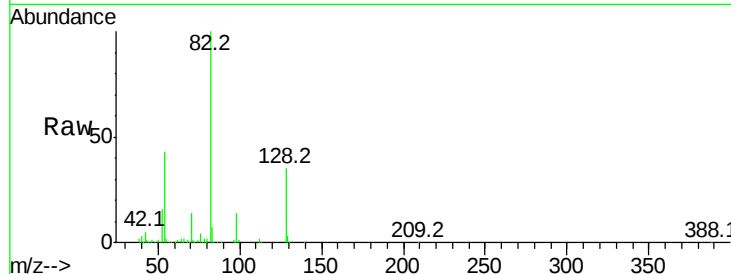




#23
 Nitrobenzene-d5
 Concen: 96.328 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BG035741.D
 Acq: 19 Jul 2018 6:55

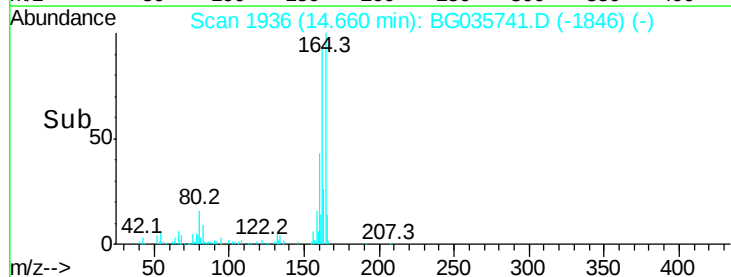
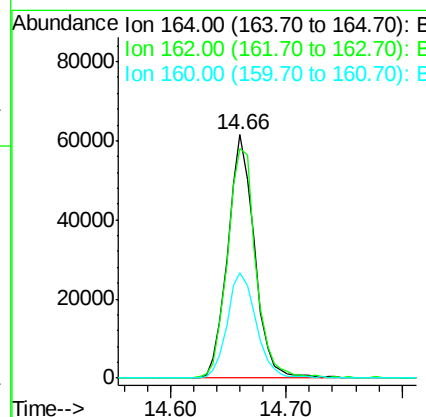
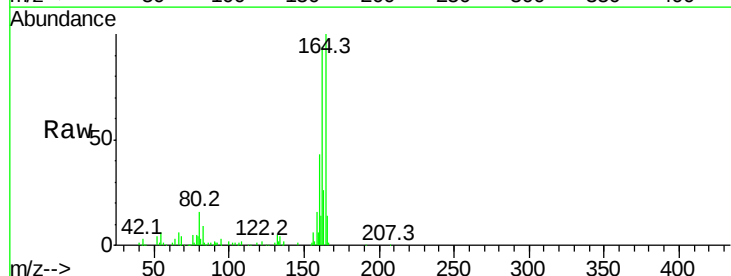
Instrument :
 BNA_G
 ClientSampleId :
 SB4-U-23-13

Tot Ion: 82 Resp: 331026
 Ion Ratio Lower Upper
 82 100
 128 35.0 29.7 44.5
 54 43.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BG035741.D
 Acq: 19 Jul 2018 6:55

Tgt Ion: 164 Resp: 98614
 Ion Ratio Lower Upper
 164 100
 162 94.2 78.8 118.2
 160 43.2 35.4 53.0

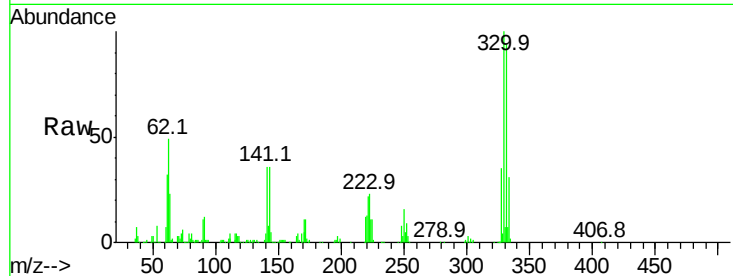




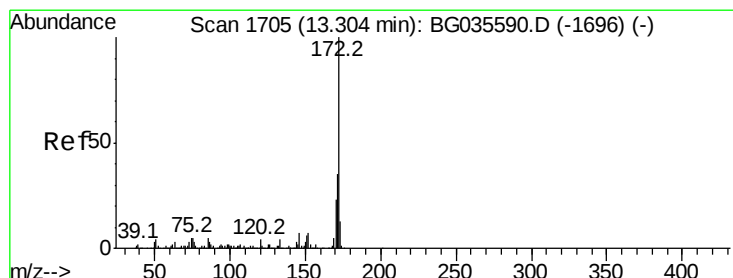
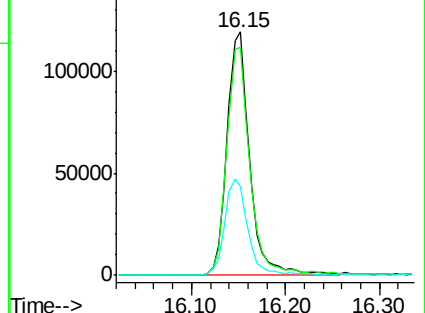
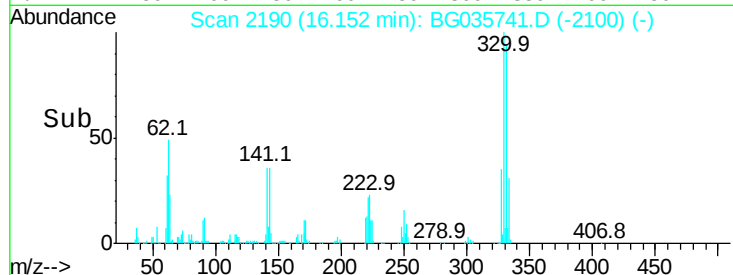
#41
 2,4,6-Tribromophenol
 Concen: 154.132 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG035741.D
 Acq: 19 Jul 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 SB4-U-23-13

Tot Ion:330 Resp: 200340
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 40.5 25.2 37.8#

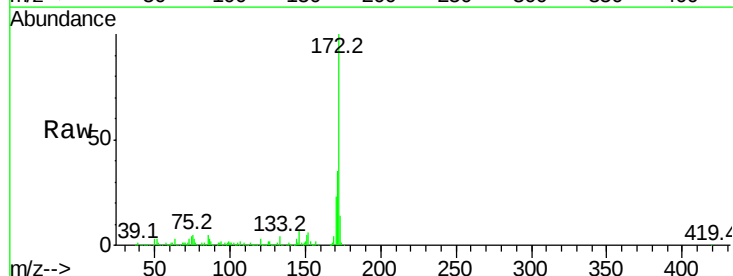


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

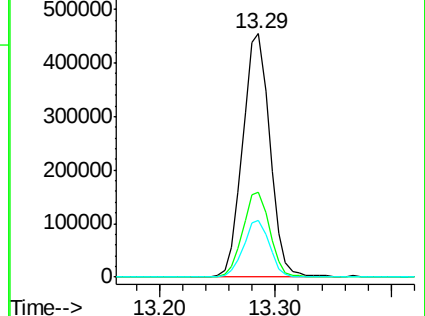
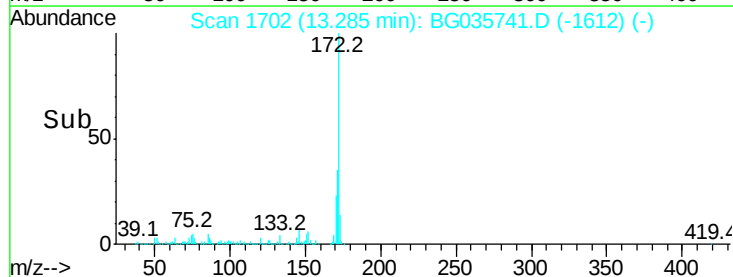


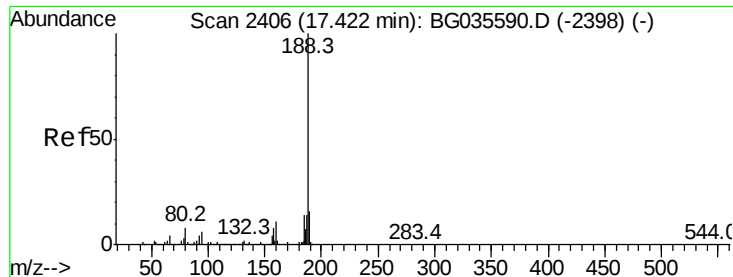
#44
 2-Fluorobiphenyl
 Concen: 101.574 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG035741.D
 Acq: 19 Jul 2018 6:55

Tgt Ion:172 Resp: 747657
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 23.2 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: 17.40 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BG035741.D

Acq: 19 Jul 2018 6:55

Instrument :

BNA_G

ClientSampleId :

SB4-U-23-13

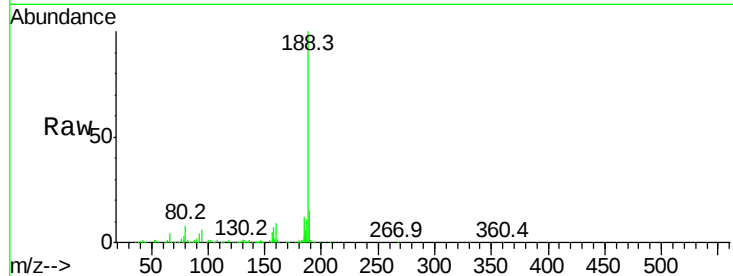
Tot Ion:188 Resp: 288608

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

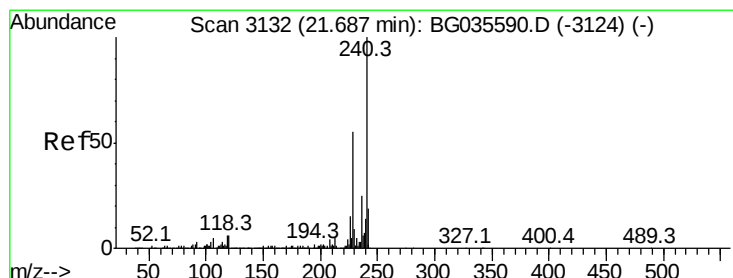
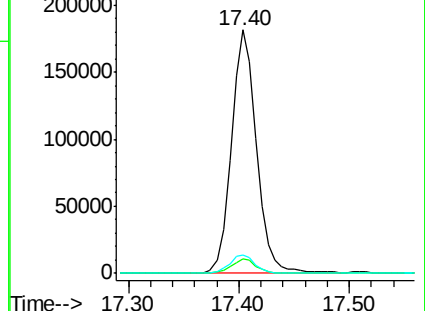
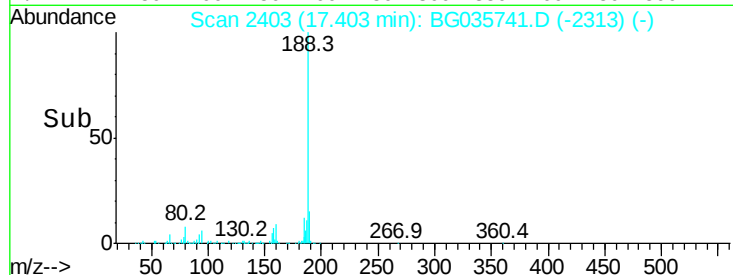
80 7.6 7.7 11.5#



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: 21.67 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG035741.D

Acq: 19 Jul 2018 6:55

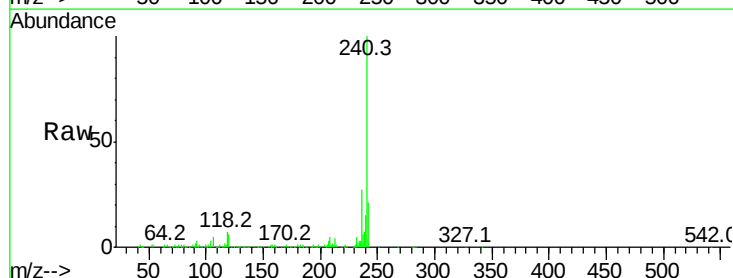
Tgt Ion:240 Resp: 330085

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

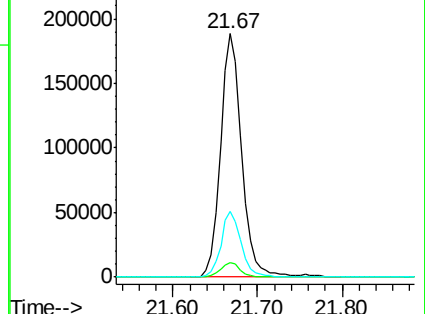
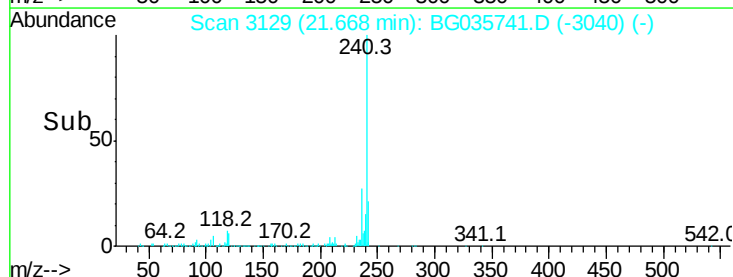
236 27.0 20.9 31.3



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: 101.153 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG035741.D

Acq: 19 Jul 2018 6:55

Instrument :

BNA_G

ClientSampleId :

SB4-U-23-13

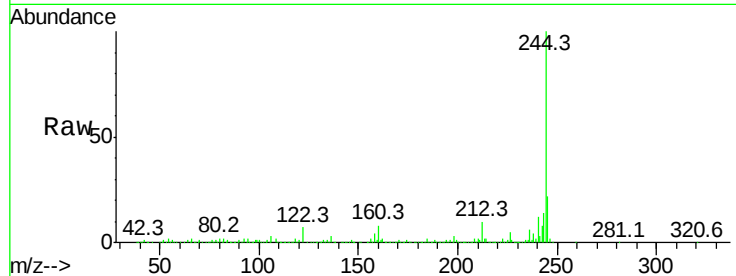
Tot Ion:244 Resp: 1514719

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

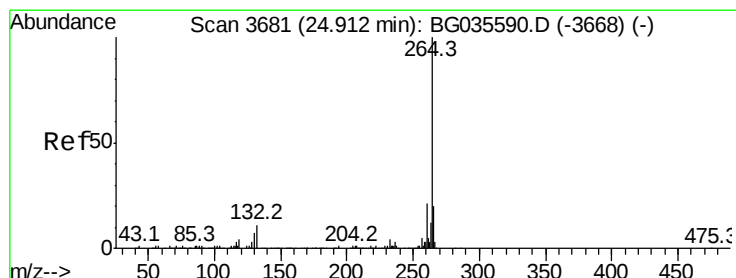
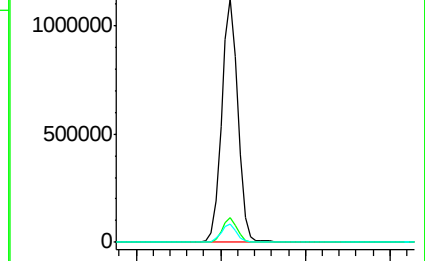
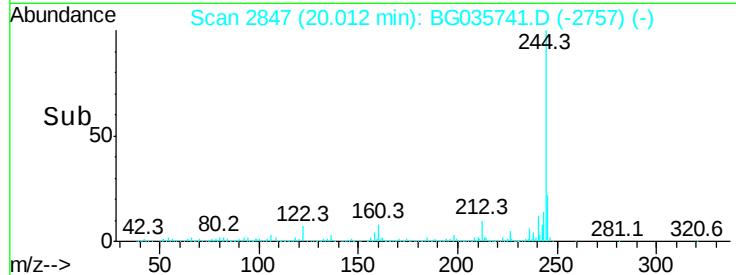
122 7.4 7.0 10.4



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: 24.88 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BG035741.D

Acq: 19 Jul 2018 6:55

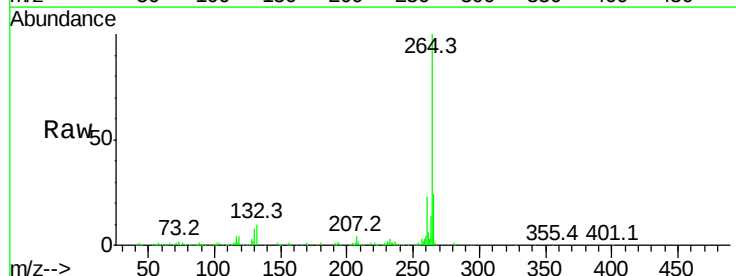
Tgt Ion:264 Resp: 302124

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 24.3 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

