

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035743.D
 Acq On : 19 Jul 2018 8:12
 Operator : JU/SJ
 Sample : J4016-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB5-U-23-13

Quant Time: Jul 19 08:50:19 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	48146	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	170507	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	117022	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	327059	20.00	ng	0.00
75) Chrysene-d12	21.67	240	363007	20.00	ng	0.00
86) Perylene-d12	24.88	264	336850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	377091	130.03	ng	0.00
7) Phenol-d6	7.21	99	471767	109.04	ng	0.00
23) Nitrobenzene-d5	9.20	82	383953	94.07	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	235332	152.57	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	872118	99.85	ng	0.00
78) Terphenyl-d14	20.01	244	1644494	99.86	ng	0.00

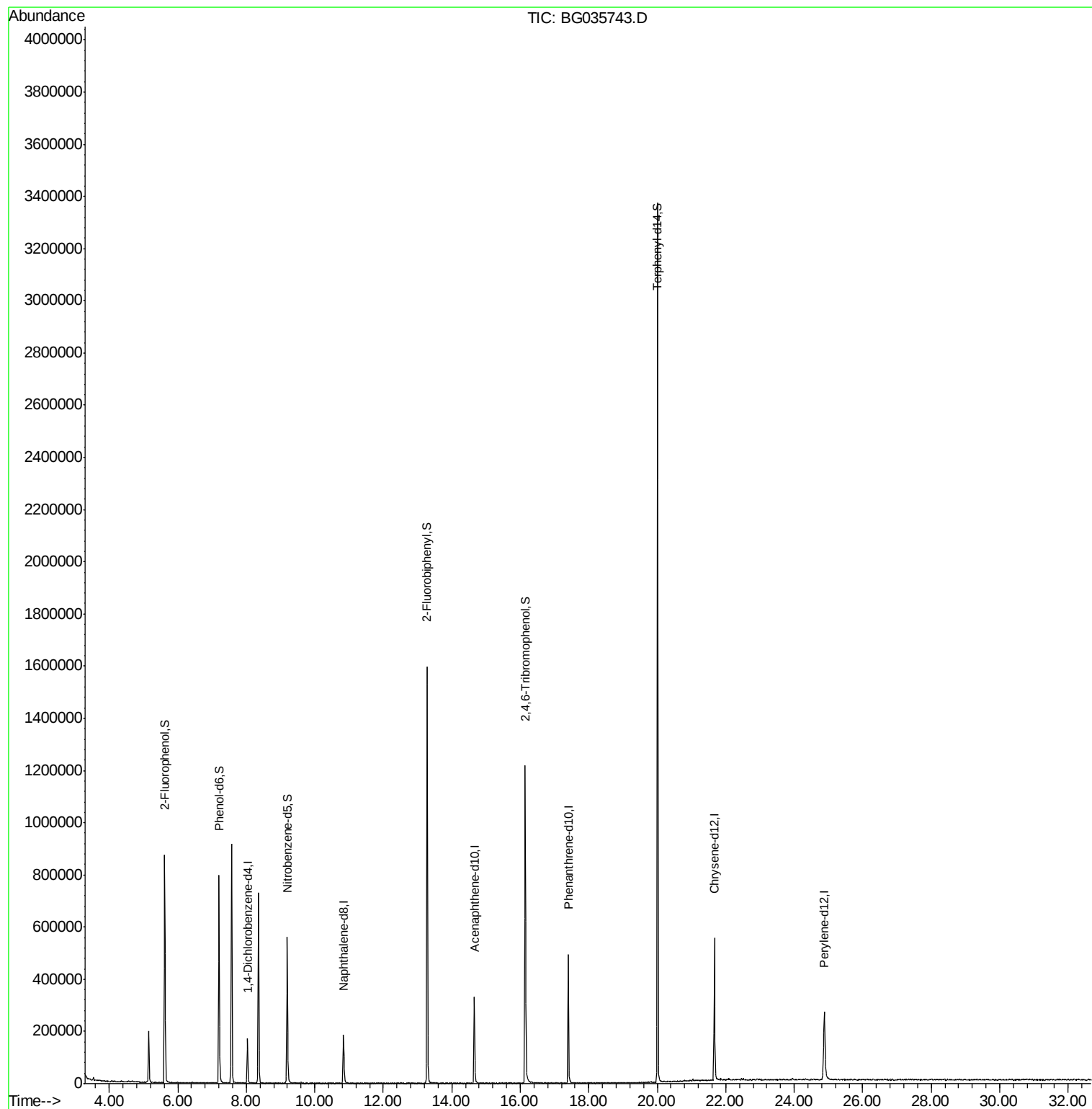
Target Compounds Qvalue

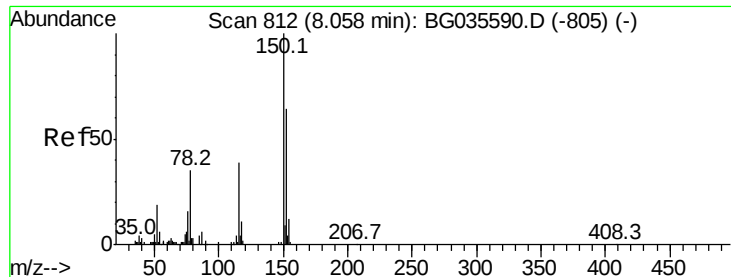
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG035743.D

Acq: 19 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

SB5-U-23-13

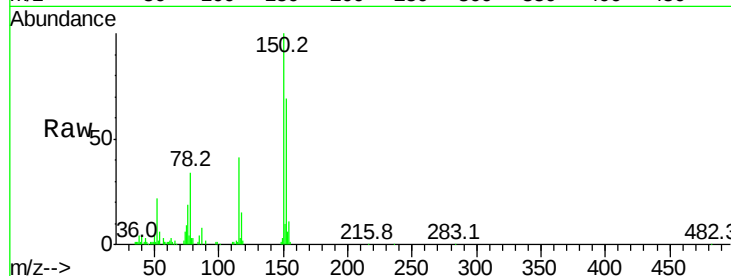
Tot Ion:152 Resp: 48146

Ion Ratio Lower Upper

152 100

150 145.7 126.6 189.8

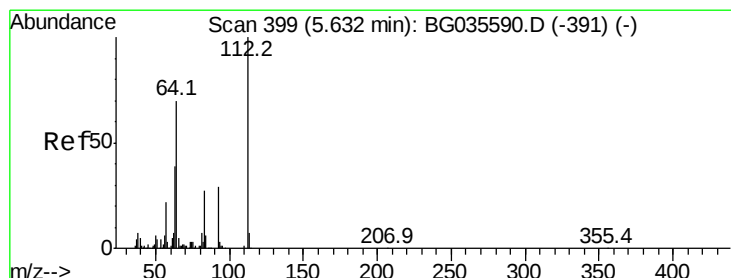
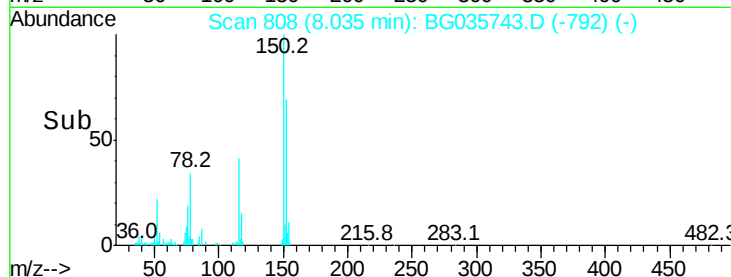
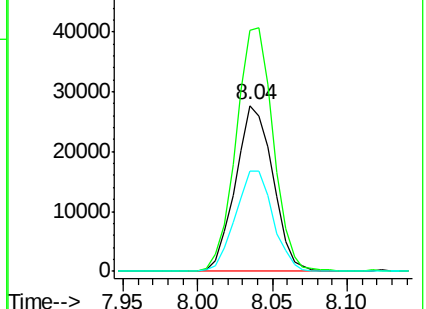
115 60.3 53.0 79.4



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: 130.034 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG035743.D

Acq: 19 Jul 2018 8:12

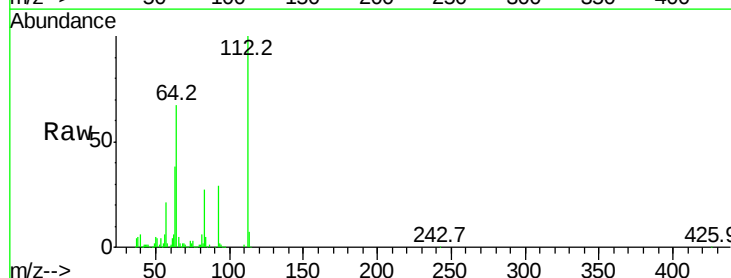
Tgt Ion:112 Resp: 377091

Ion Ratio Lower Upper

112 100

64 66.9 56.3 84.5

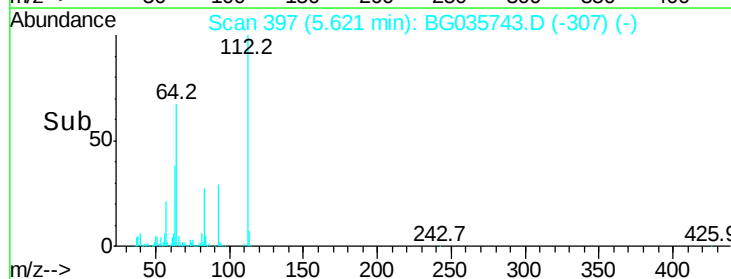
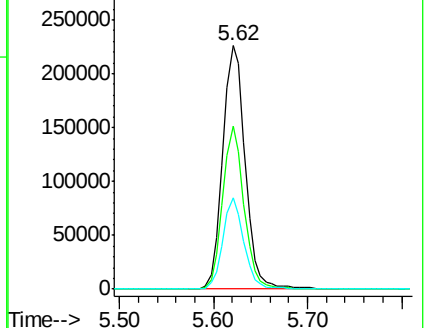
63 37.7 30.1 45.1

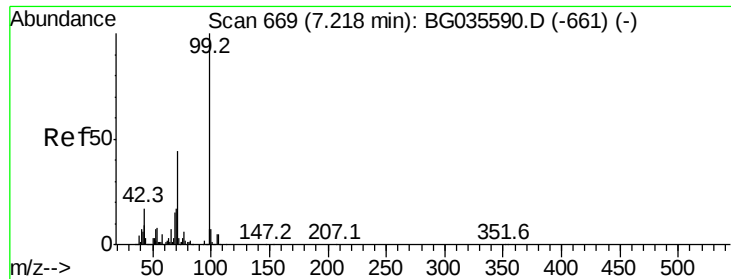


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.036 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG035743.D

Acq: 19 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

SB5-U-23-13

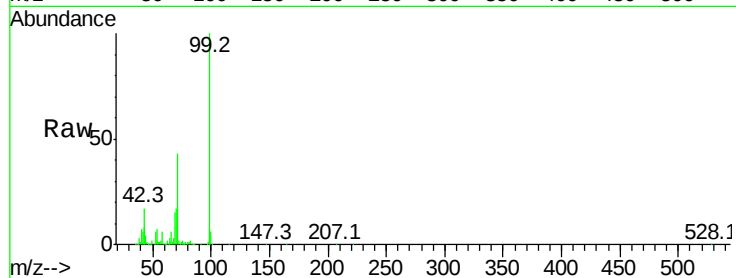
Tot Ion: 99 Resp: 471767

Ion Ratio Lower Upper

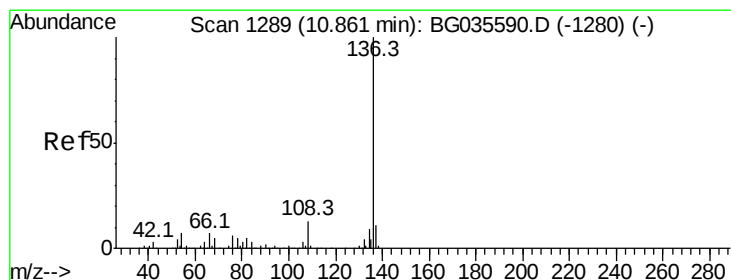
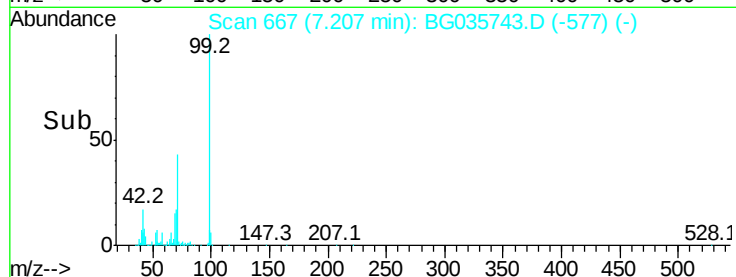
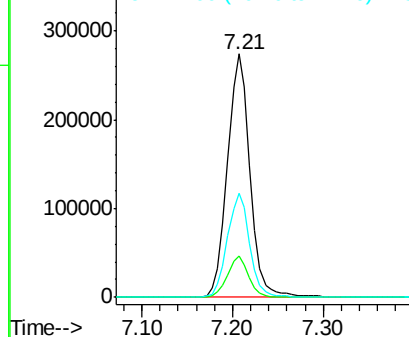
99 100

42 16.9 14.1 21.1

71 42.8 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# 1285

Delta R.T. -0.01 min

Lab File: BG035743.D

Acq: 19 Jul 2018 8:12

Tgt Ion:136 Resp: 170507

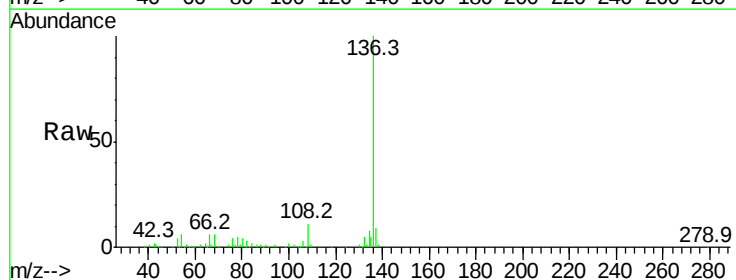
Ion Ratio Lower Upper

136 100

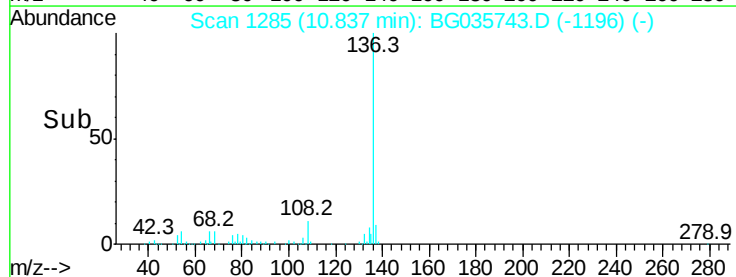
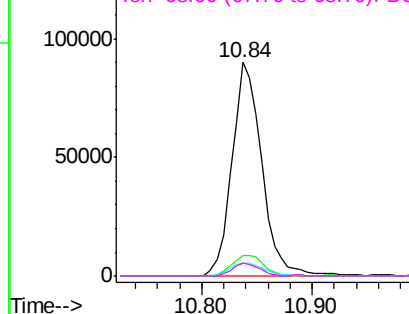
137 9.3 9.2 13.8

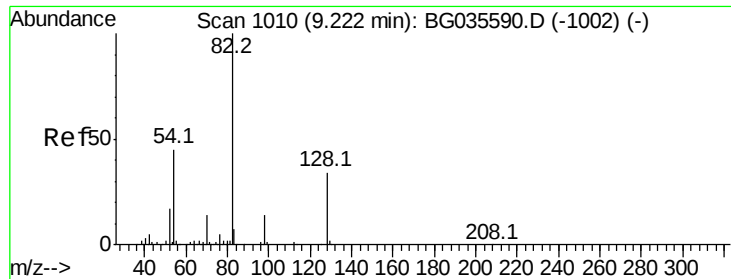
54 5.9 10.3 15.5#

68 6.0 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

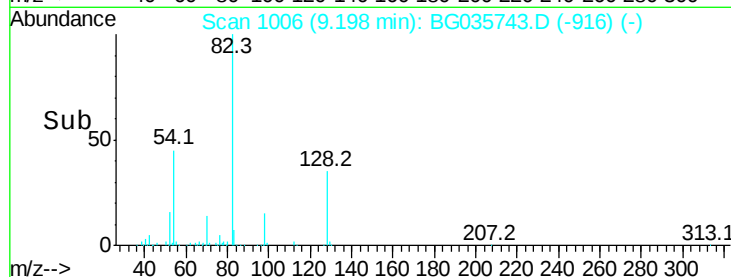
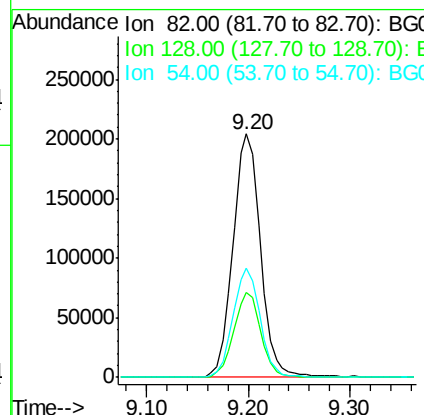
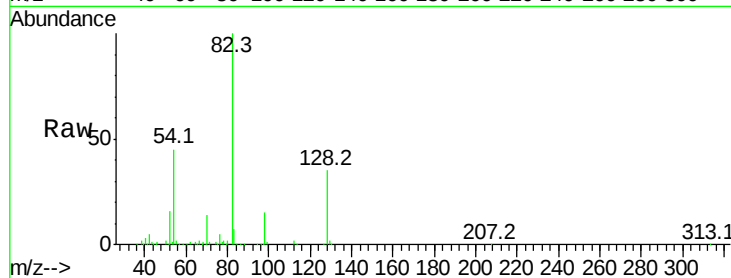




#23
 Nitrobenzene-d5
 Concen: 94.070 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BG035743.D
 Acq: 19 Jul 2018 8:12

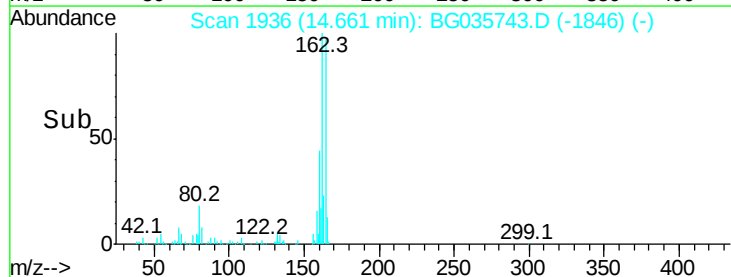
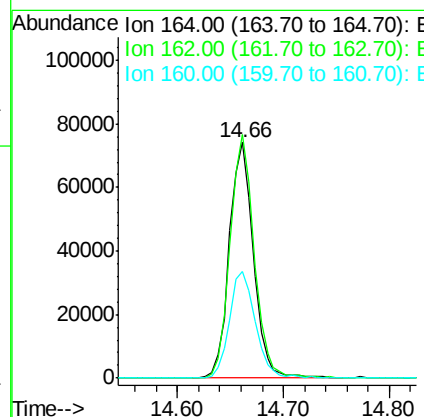
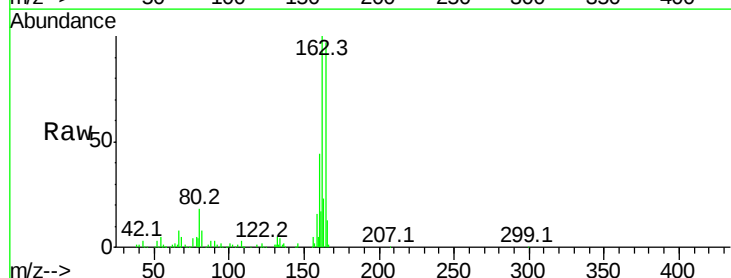
Instrument :
 BNA_G
 ClientSampleId :
 SB5-U-23-13

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	45.0	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: BG035743.D
 Acq: 19 Jul 2018 8:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	45.1	35.4	53.0

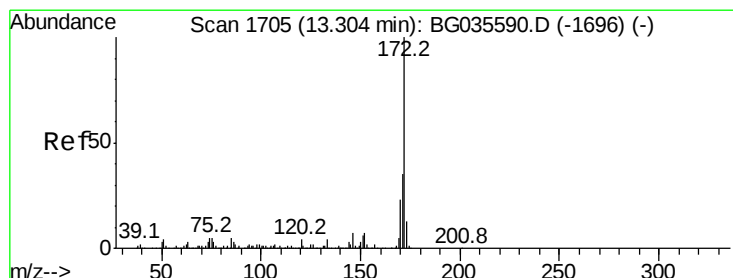
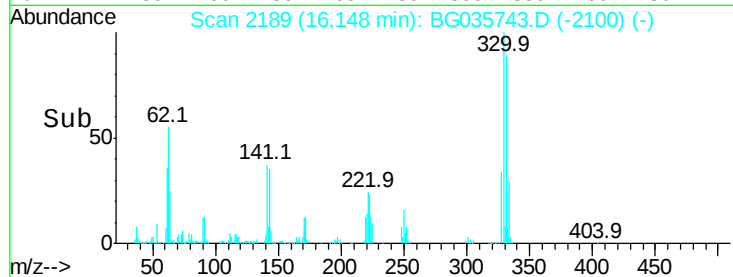
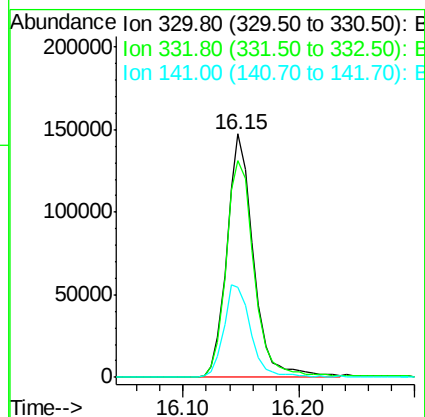
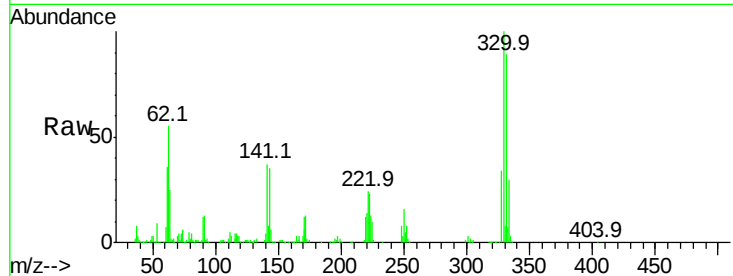




#41
 2,4,6-Tribromophenol
 Concen: 152.573 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BG035743.D
 Acq: 19 Jul 2018 8:12

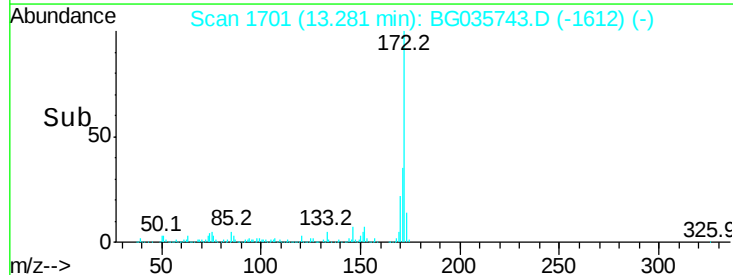
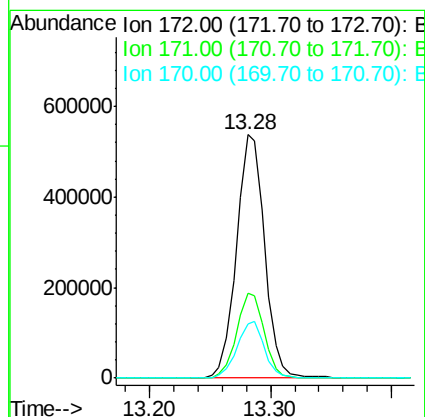
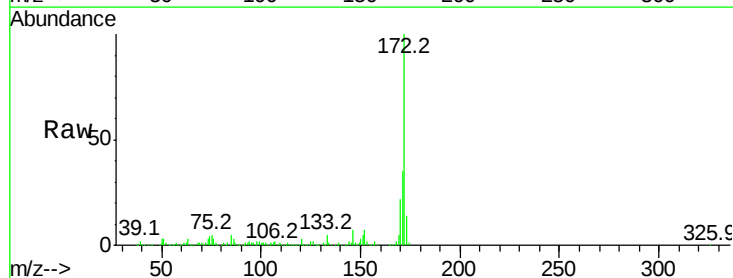
Instrument :
 BNA_G
 ClientSampleId :
 SB5-U-23-13

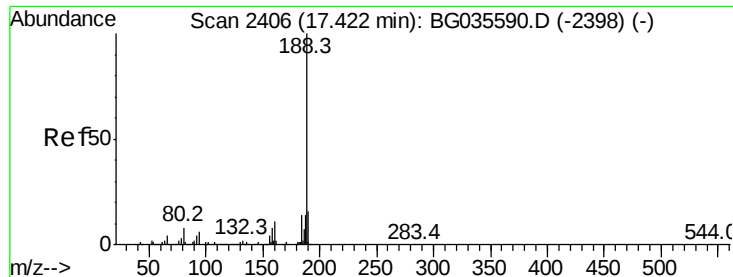
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	38.7	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 99.846 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG035743.D
 Acq: 19 Jul 2018 8:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	22.3	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BG035743.D

Acq: 19 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

SB5-U-23-13

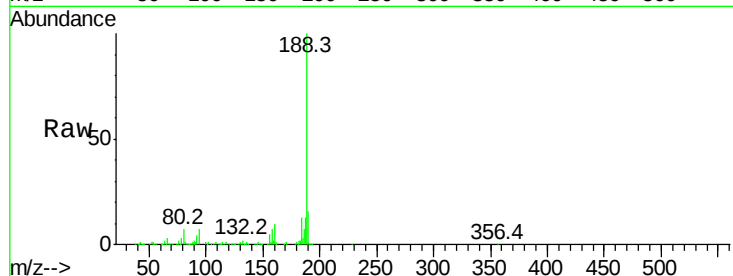
Tot Ion:188 Resp: 327059

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

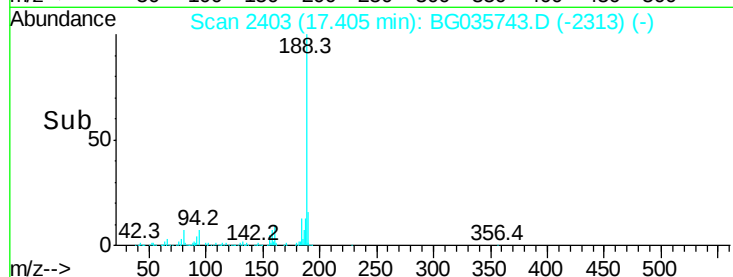
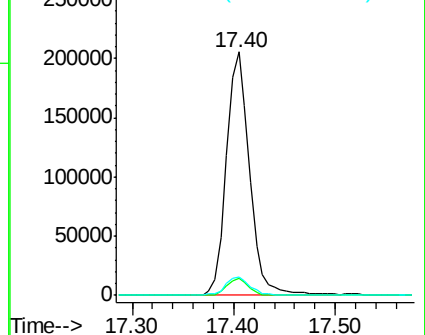
80 7.4 7.7 11.5#



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: BG035743.D

Acq: 19 Jul 2018 8:12

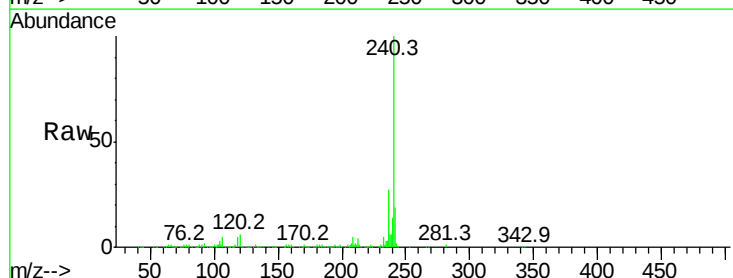
Tgt Ion:240 Resp: 363007

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

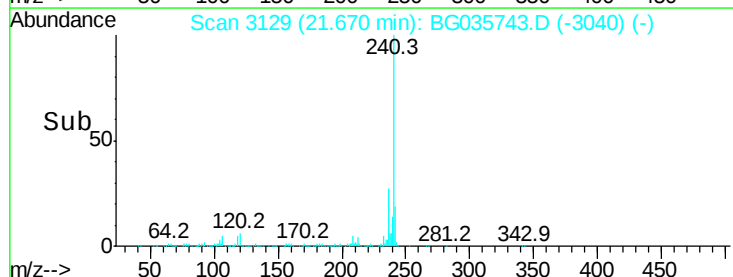
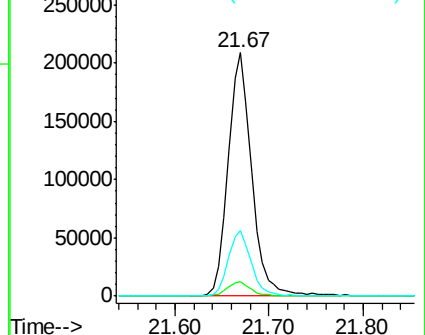
236 26.9 20.9 31.3

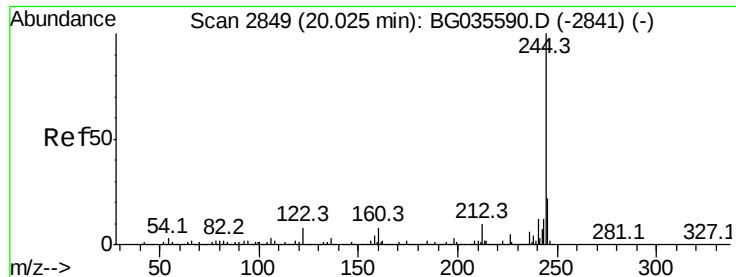


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.859 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG035743.D

Acq: 19 Jul 2018 8:12

Instrument :

BNA_G

ClientSampleId :

SB5-U-23-13

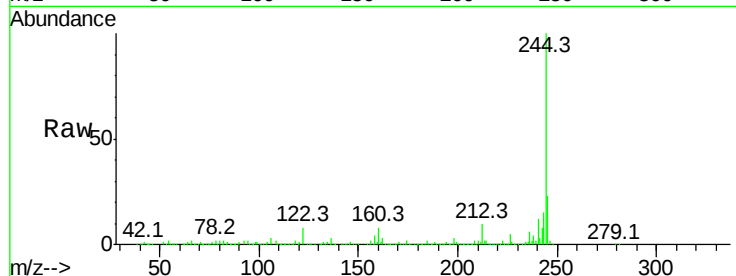
Tot Ion:244 Resp: 1644494

Ion Ratio Lower Upper

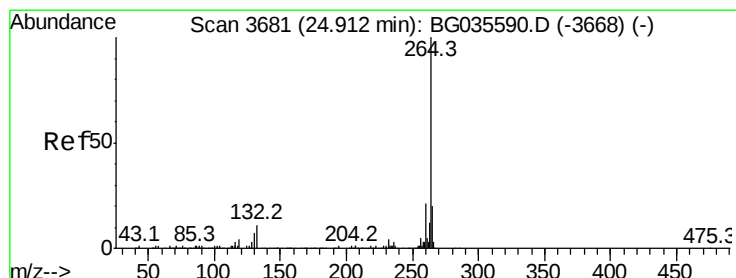
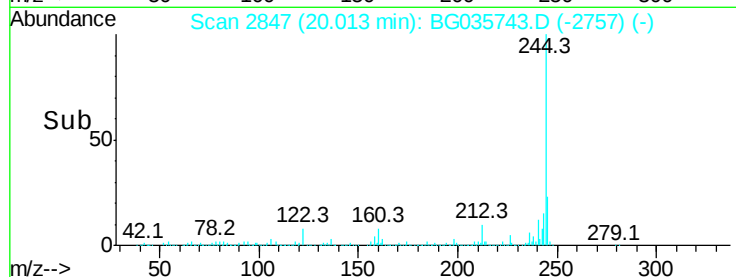
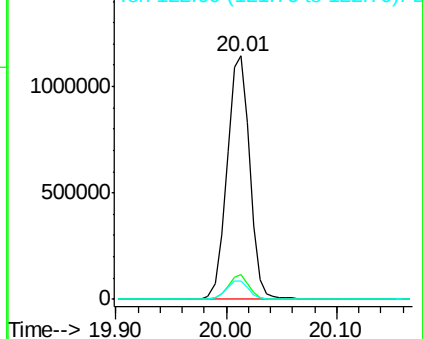
244 100

212 9.9 5.8 8.8#

122 7.7 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: BG035743.D

Acq: 19 Jul 2018 8:12

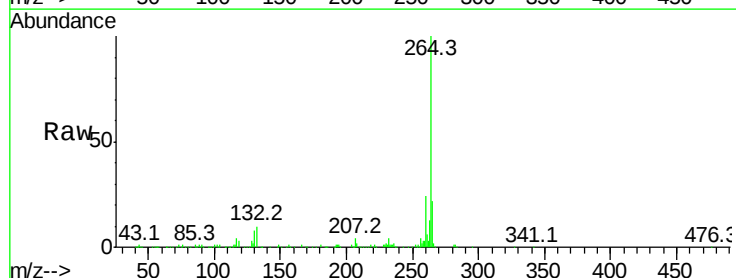
Tgt Ion:264 Resp: 336850

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.0 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

