

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035721.D
 Acq On : 18 Jul 2018 17:36
 Operator : JU/SJ
 Sample : J3620-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-51-0718

Quant Time: Jul 19 02:14:09 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	49463	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	176796	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	123717	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	343514	20.00	ng	0.00
75) Chrysene-d12	21.67	240	408876	20.00	ng	0.00
86) Perylene-d12	24.88	264	388252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	377693	126.77	ng	0.00
7) Phenol-d6	7.21	99	480868	108.18	ng	0.00
23) Nitrobenzene-d5	9.20	82	391344	92.47	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	230043	141.07	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	858116	92.93	ng	0.00
78) Terphenyl-d14	20.01	244	1639206	88.37	ng	0.00

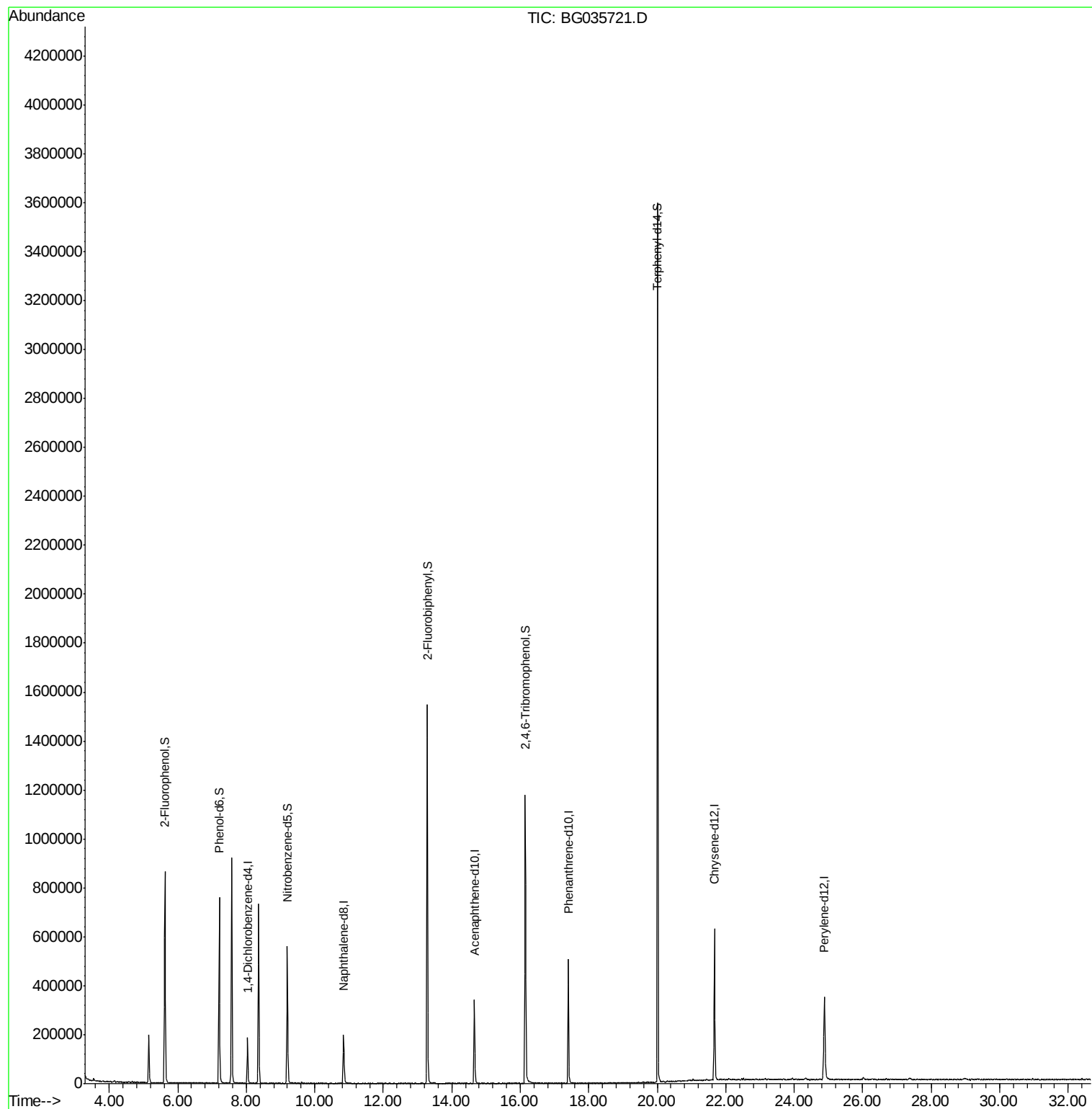
Target Compounds Qvalue

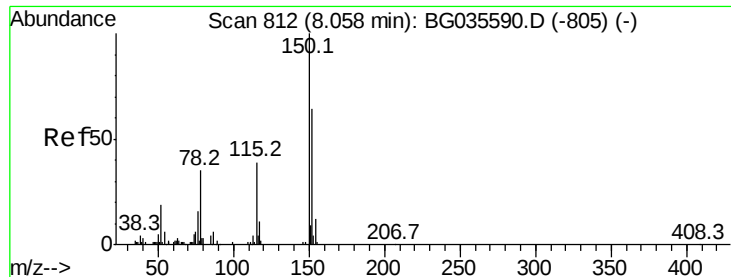
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG035721.D

Acq: 18 Jul 2018 17:36

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-51-0718

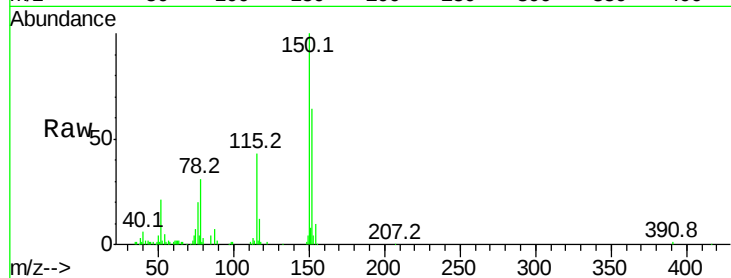
Tot Ion:152 Resp: 49463

Ion Ratio Lower Upper

152 100

150 157.3 126.6 189.8

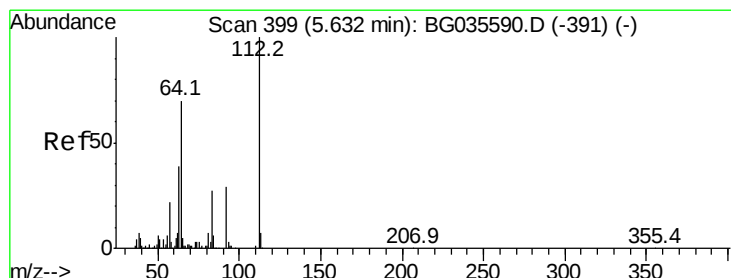
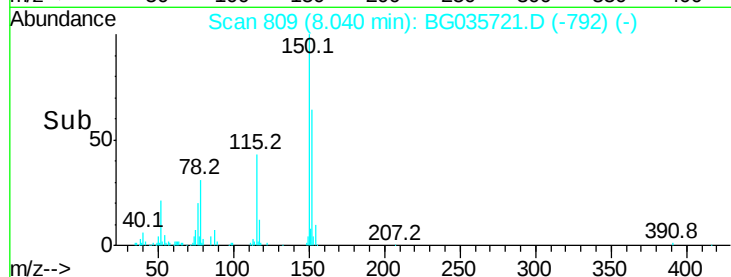
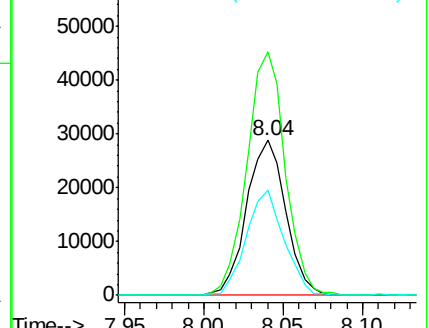
115 68.4 53.0 79.4



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: 126.773 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.01 min

Lab File: BG035721.D

Acq: 18 Jul 2018 17:36

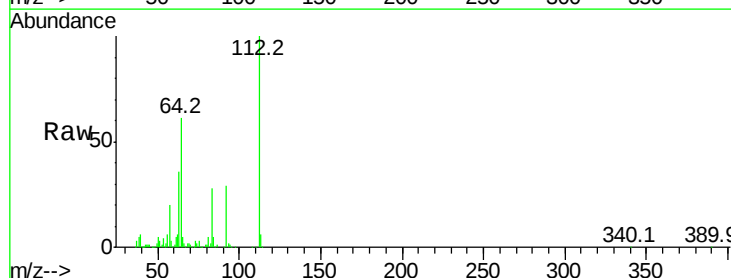
Tgt Ion:112 Resp: 377693

Ion Ratio Lower Upper

112 100

64 61.4 56.3 84.5

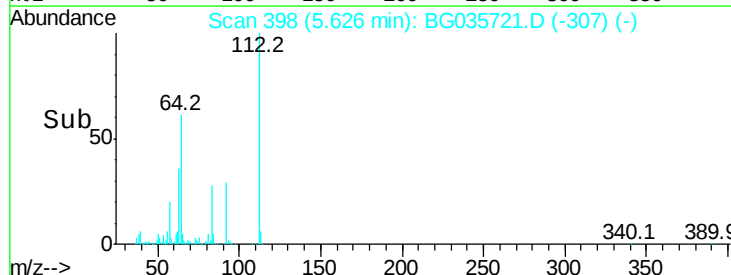
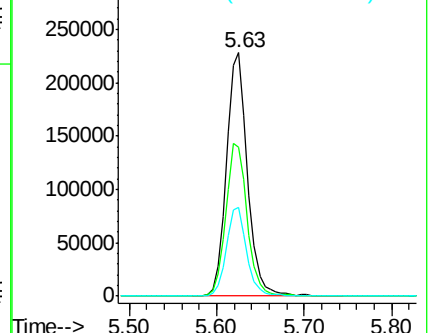
63 36.3 30.1 45.1

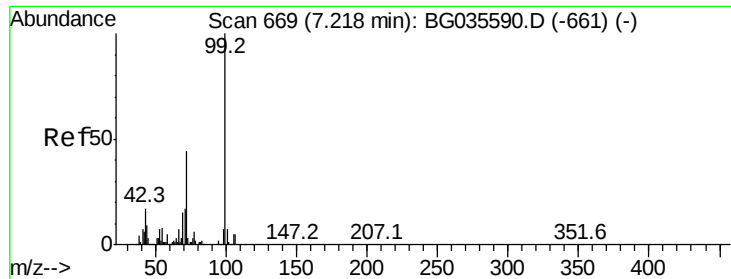


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.181 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG035721.D

Acq: 18 Jul 2018 17:36

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-51-0718

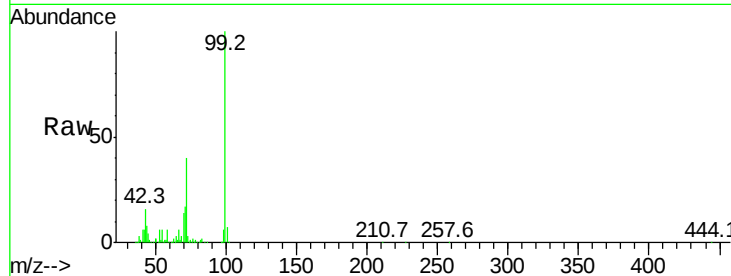
Tot Ion: 99 Resp: 480868

Ion Ratio Lower Upper

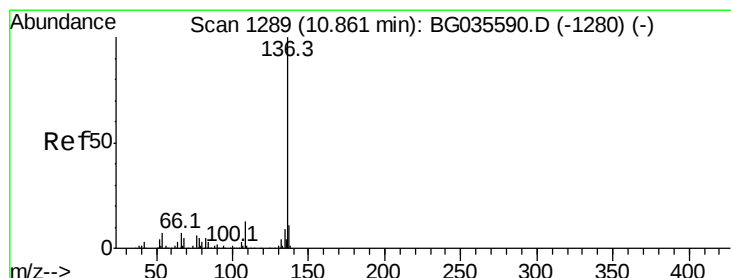
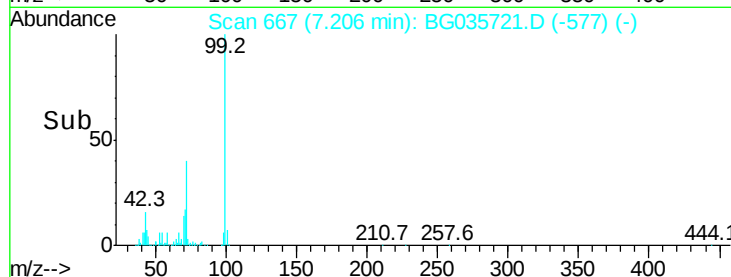
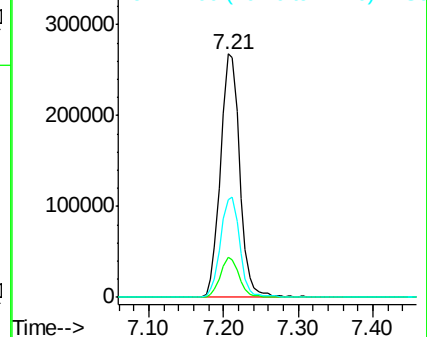
99 100

42 16.3 14.1 21.1

71 40.3 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: BG035721.D

Acq: 18 Jul 2018 17:36

Tgt Ion: 136 Resp: 176796

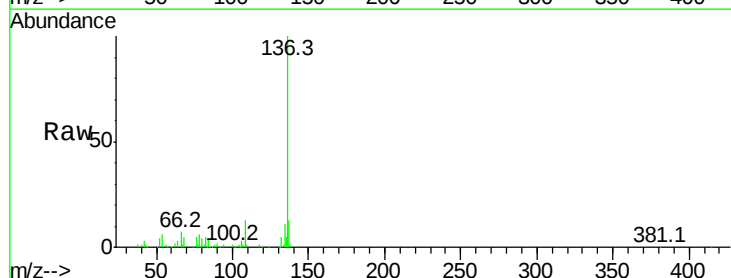
Ion Ratio Lower Upper

136 100

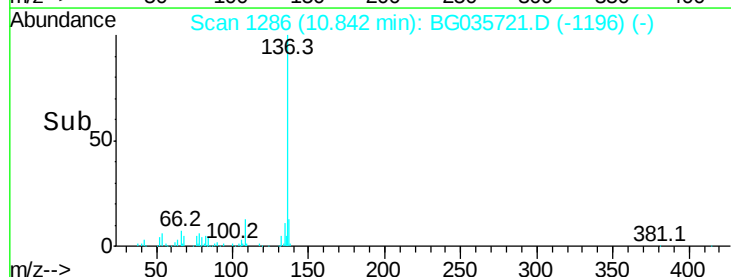
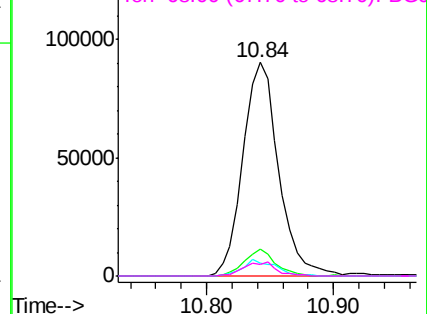
137 12.8 9.2 13.8

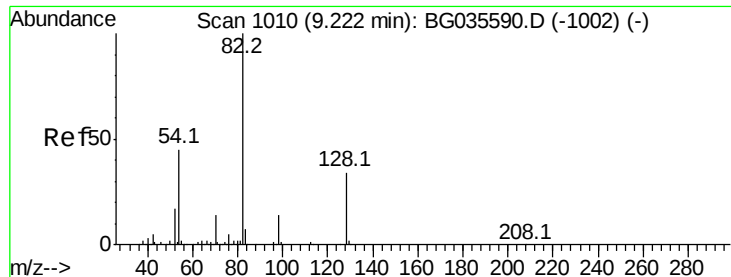
54 6.3 10.3 15.5#

68 5.4 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

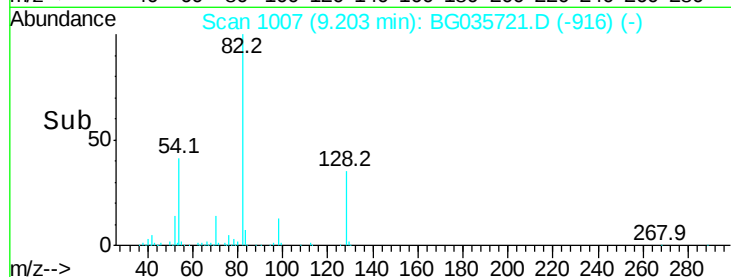
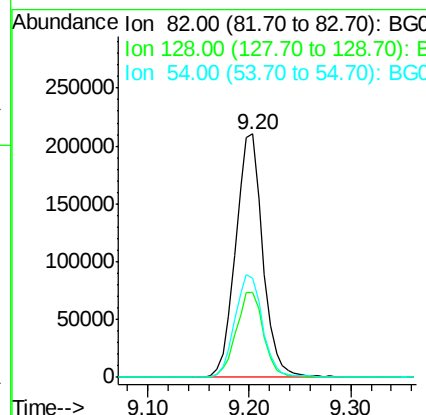
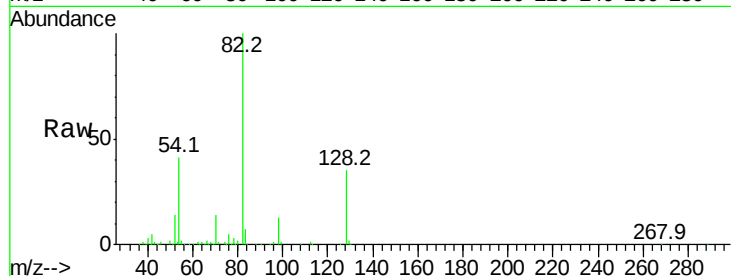




#23
 Nitrobenzene-d5
 Concen: 92.470 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BG035721.D
 Acq: 18 Jul 2018 17:36

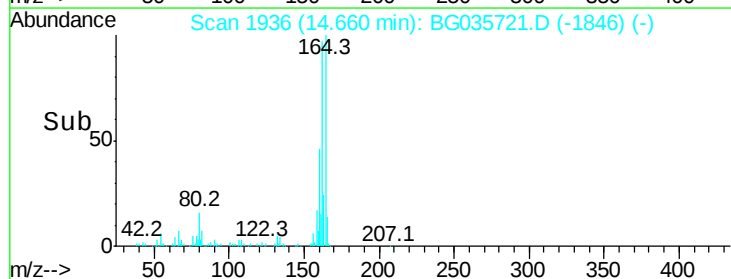
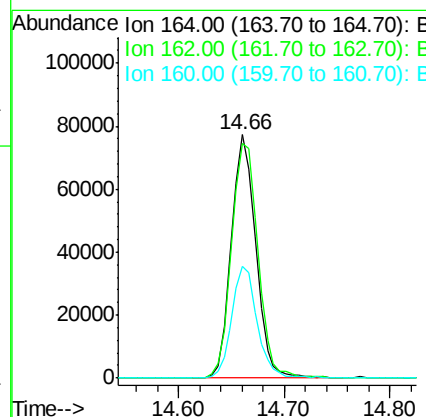
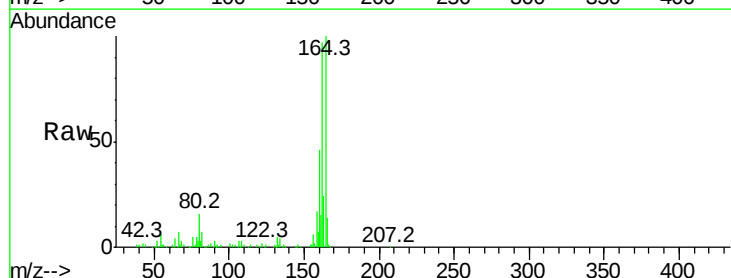
Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-51-0718

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.7	44.5
54	40.9	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: BG035721.D
 Acq: 18 Jul 2018 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	78.8	118.2
160	45.7	35.4	53.0

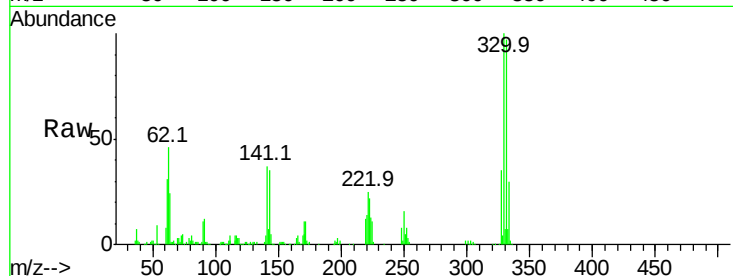




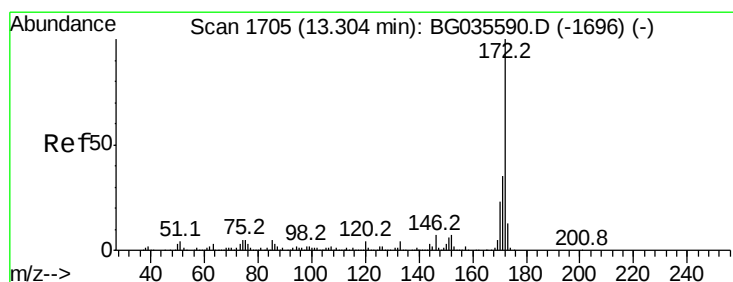
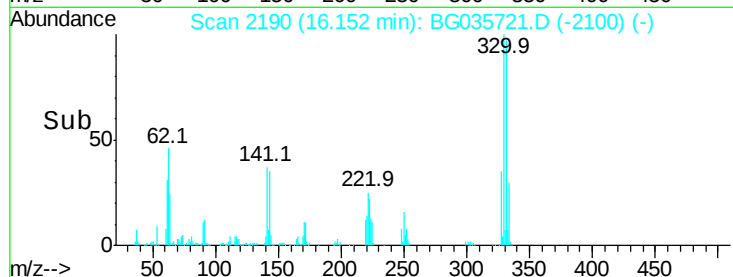
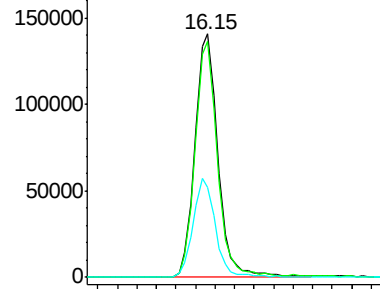
#41
 2,4,6-Tribromophenol
 Concen: 141.073 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG035721.D
 Acq: 18 Jul 2018 17:36

Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-51-0718

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	39.7	25.2	37.8#

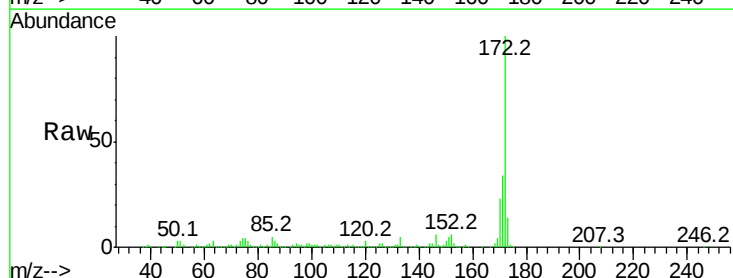


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

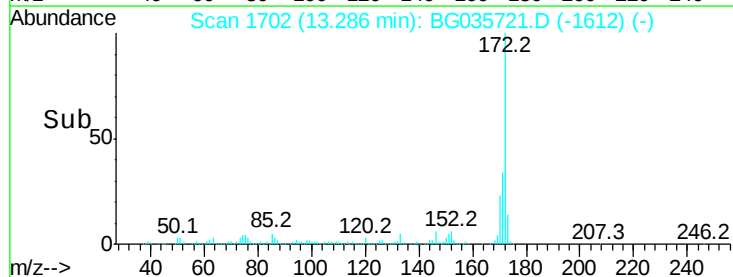
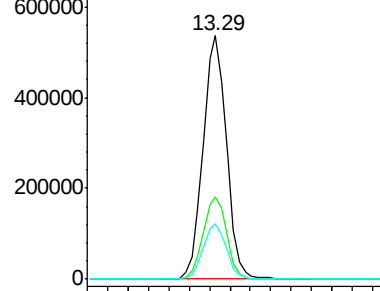


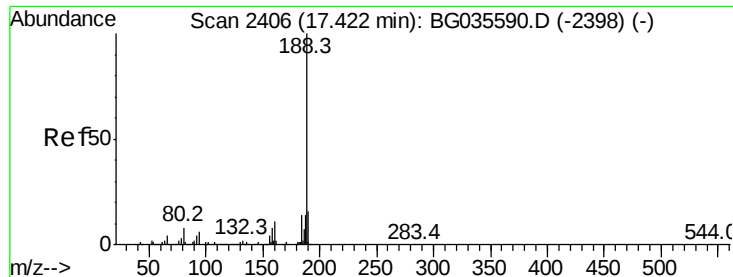
#44
 2-Fluorobiphenyl
 Concen: 92.926 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG035721.D
 Acq: 18 Jul 2018 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.0	45.0
170	22.9	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: BG035721.D

Acq: 18 Jul 2018 17:36

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-51-0718

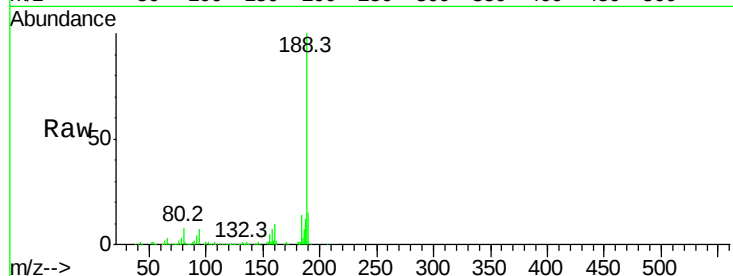
Tot Ion:188 Resp: 343514

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

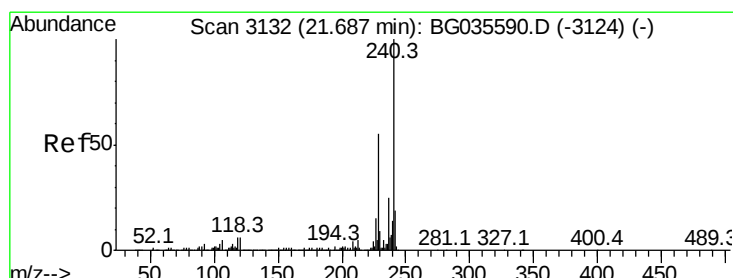
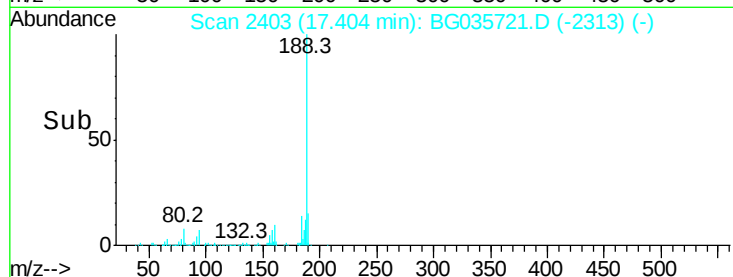
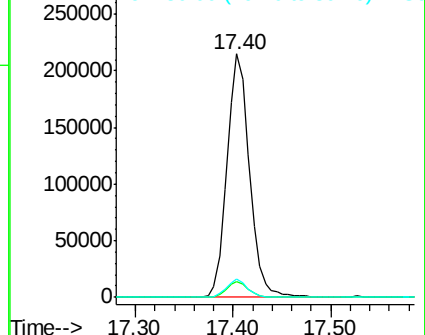
80 7.6 7.7 11.5#



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: BG035721.D

Acq: 18 Jul 2018 17:36

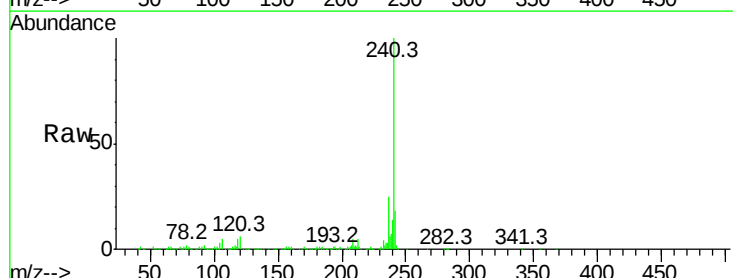
Tgt Ion:240 Resp: 408876

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

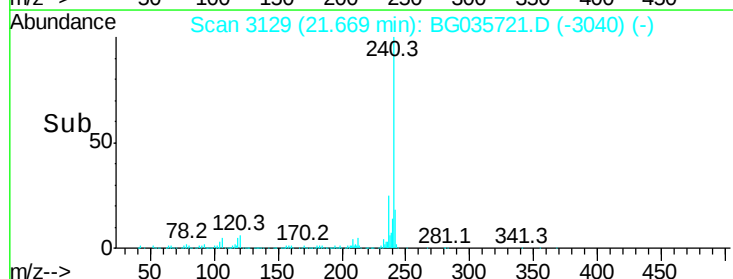
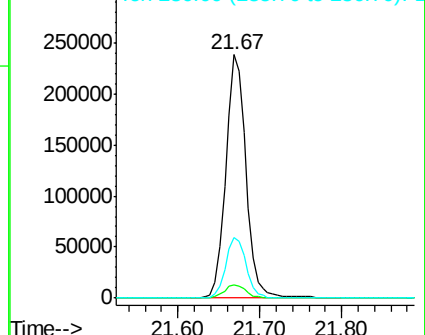
236 25.0 20.9 31.3

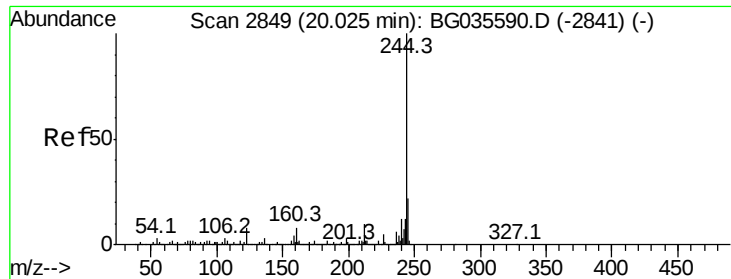


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.372 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG035721.D

Acq: 18 Jul 2018 17:36

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-51-0718

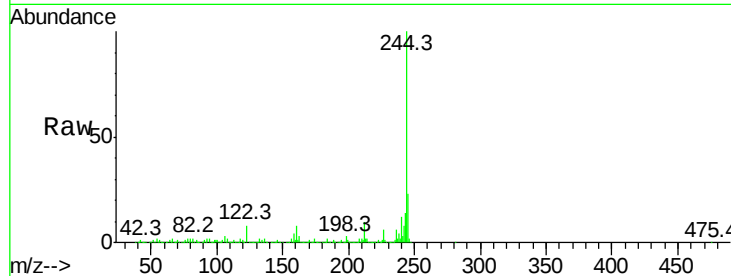
Tot Ion:244 Resp: 1639206

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

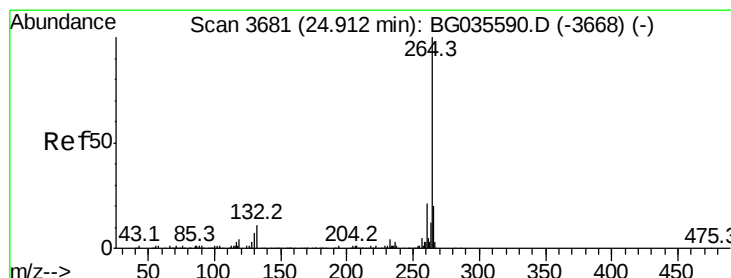
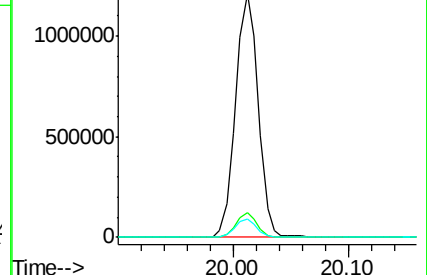
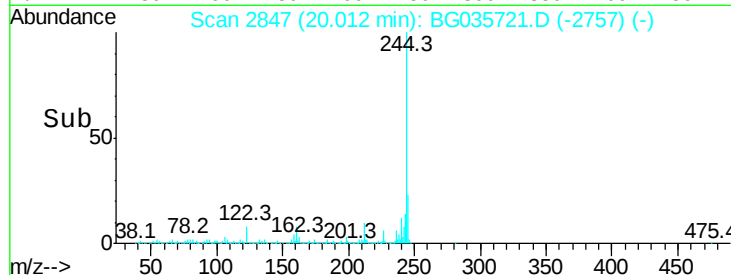
122 7.6 7.0 10.4



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: 24.88 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BG035721.D

Acq: 18 Jul 2018 17:36

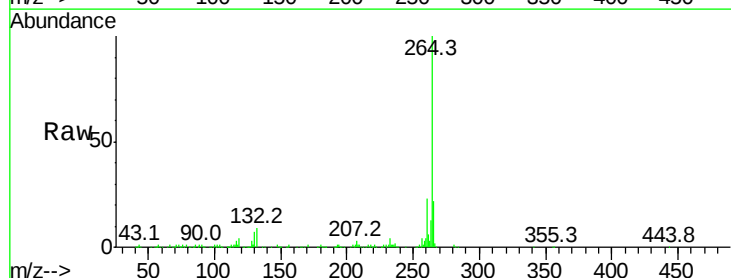
Tgt Ion:264 Resp: 388252

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.7 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

