

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036159.D
 Acq On : 7 Aug 2018 12:27
 Operator : JU/SJ
 Sample : J4347-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE-1

Quant Time: Aug 07 13:11:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 10:56:29 2018
 Response via : Initial Calibration

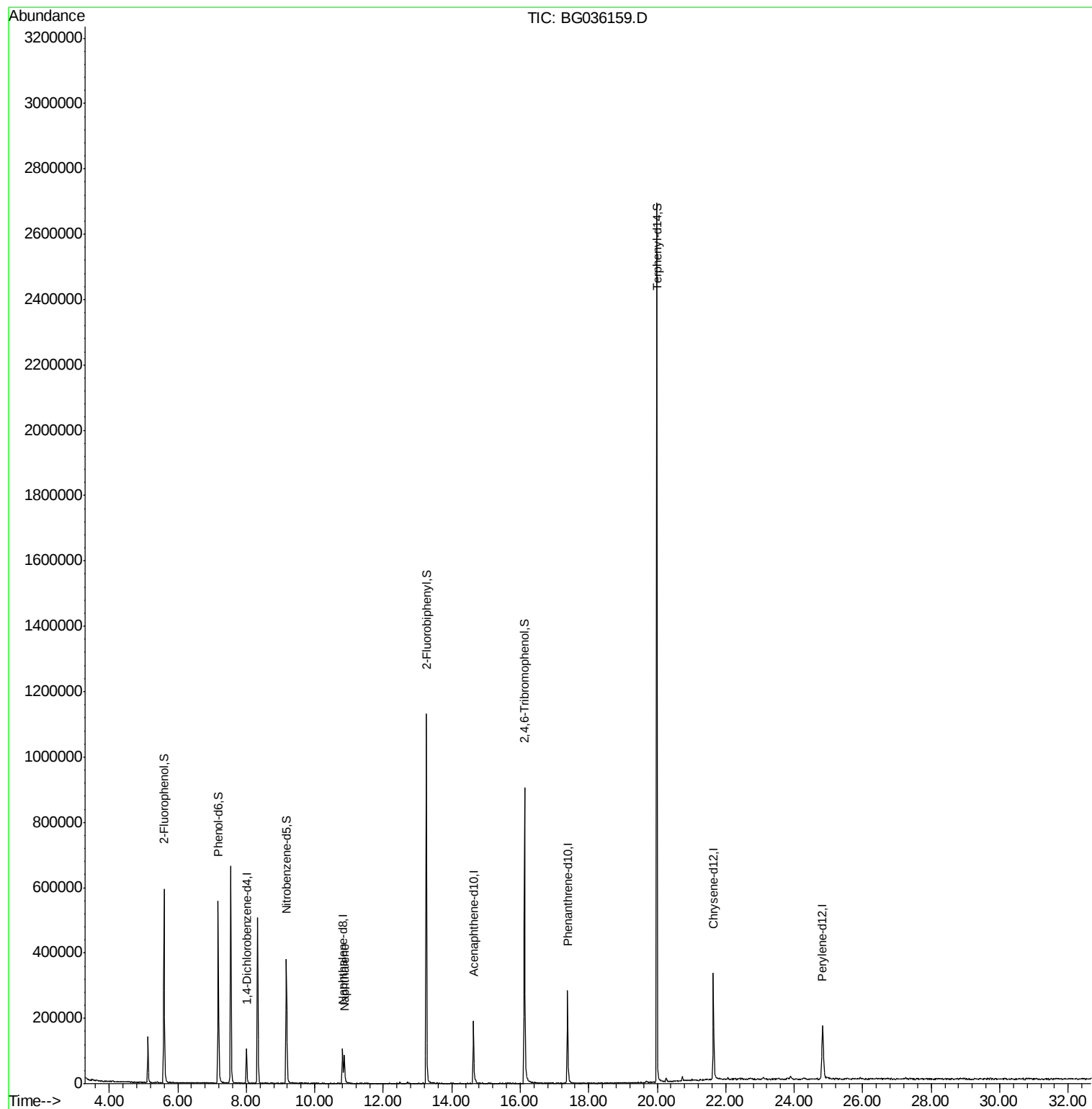
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30923	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	104650	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	74648	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	216724	20.00	ng	0.00
75) Chrysene-d12	21.64	240	239069	20.00	ng	0.00
86) Perylene-d12	24.83	264	221742	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	269038	144.44	ng	0.00
7) Phenol-d6	7.18	99	339137	122.04	ng	0.00
23) Nitrobenzene-d5	9.17	82	281285	112.28	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	195115	198.31	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	636874	114.30	ng	0.00
78) Terphenyl-d14	19.99	244	1318679	121.59	ng	0.00
Target Compounds						
31) Naphthalene	10.86	128	81792	15.004	ng	Qvalue 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG036159.D

Acq: 7 Aug 2018 12:27

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE-1

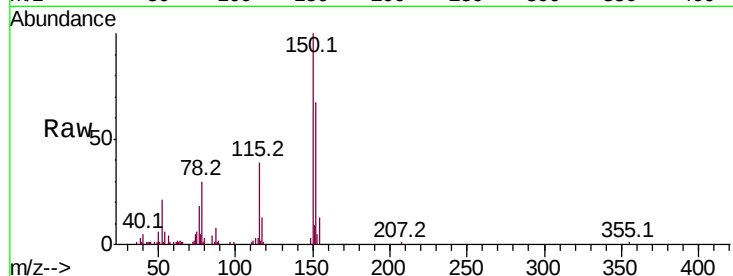
Tot Ion:152 Resp: 30923

Ion Ratio Lower Upper

152 100

150 148.9 126.6 189.8

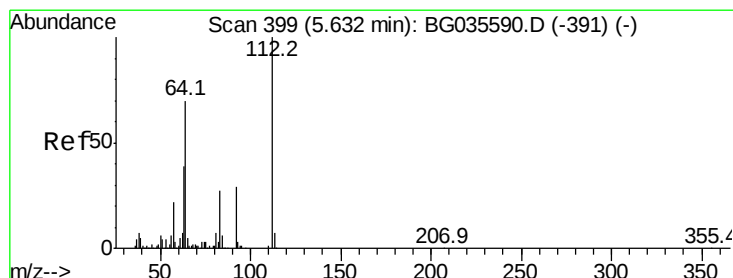
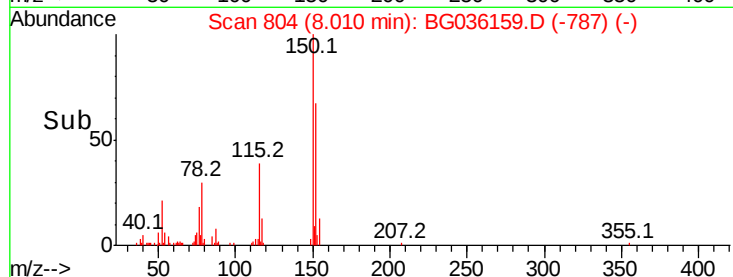
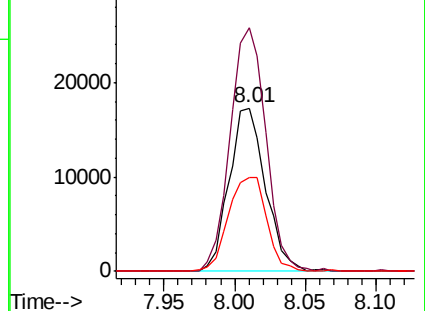
115 57.3 53.0 79.4



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: 144.445 ng

RT: 5.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: BG036159.D

Acq: 7 Aug 2018 12:27

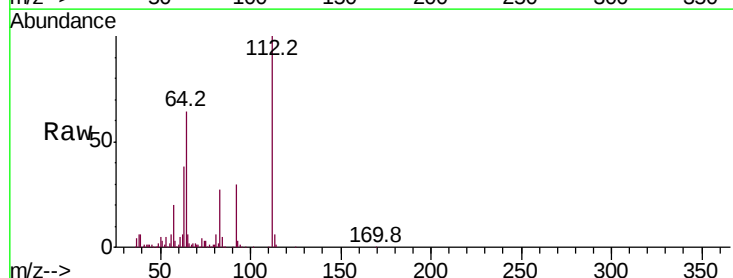
Tgt Ion:112 Resp: 269038

Ion Ratio Lower Upper

112 100

64 64.3 56.3 84.5

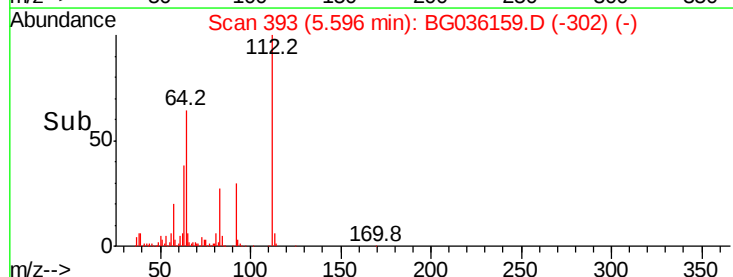
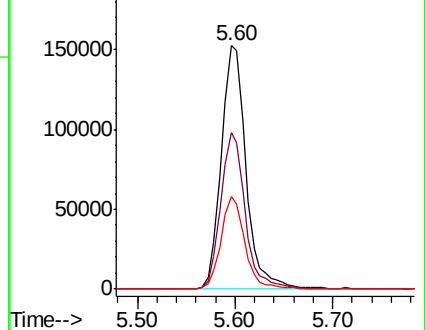
63 38.1 30.1 45.1

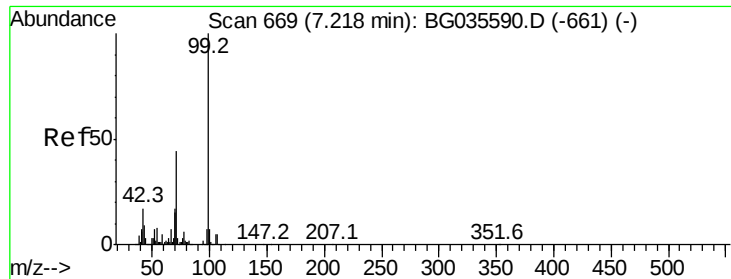


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 122.039 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036159.D

Acq: 7 Aug 2018 12:27

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE-1

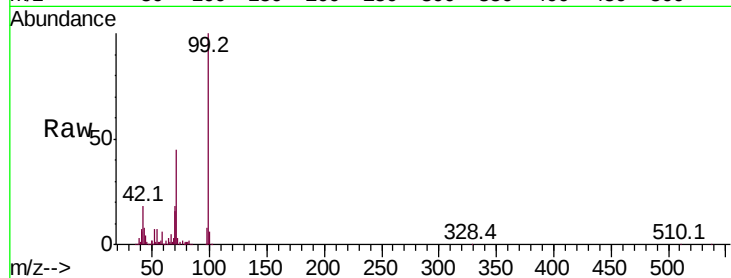
Tot Ion: 99 Resp: 339137

Ion Ratio Lower Upper

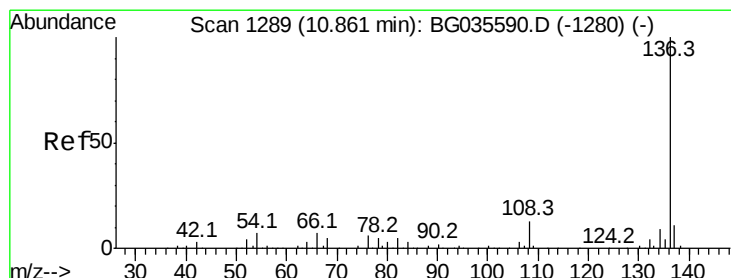
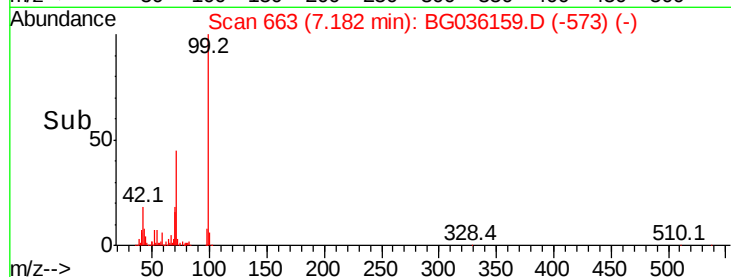
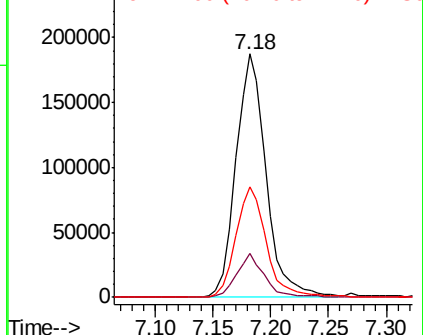
99 100

42 17.9 14.1 21.1

71 45.4 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: 10.81 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BG036159.D

Acq: 7 Aug 2018 12:27

Tgt Ion: 136 Resp: 104650

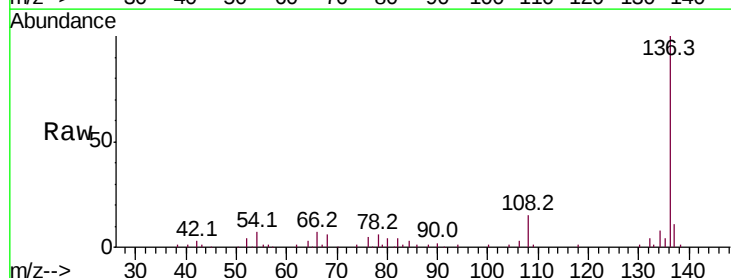
Ion Ratio Lower Upper

136 100

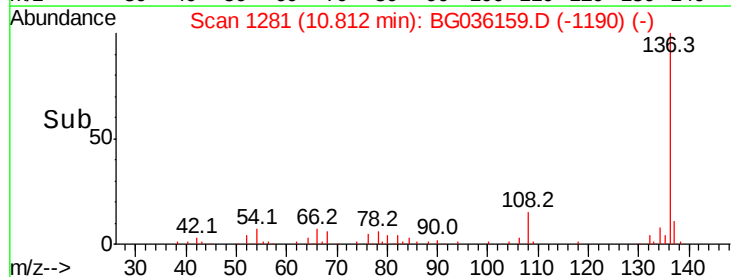
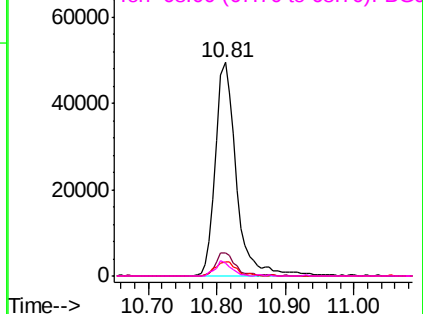
137 10.7 9.2 13.8

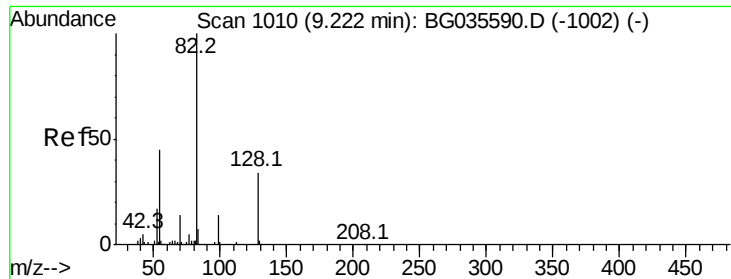
54 6.5 10.3 15.5#

68 5.9 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

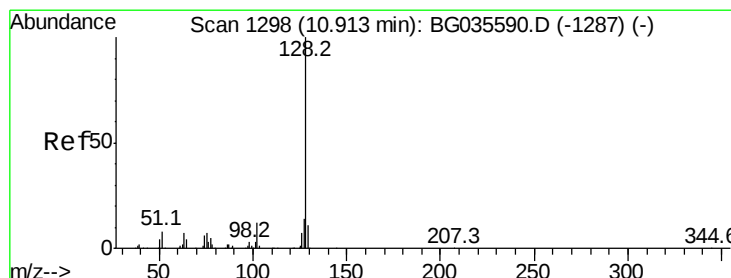
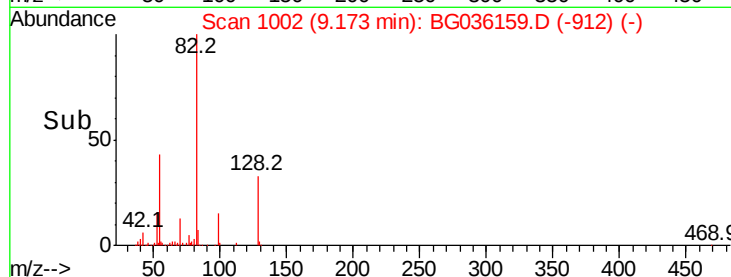
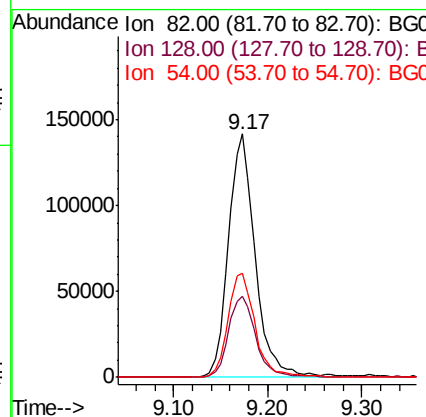
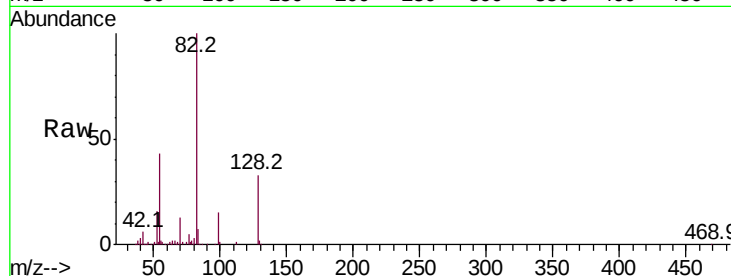




#23
Nitrobenzene-d5
Concen: 112.285 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BG036159.D
Acq: 7 Aug 2018 12:27

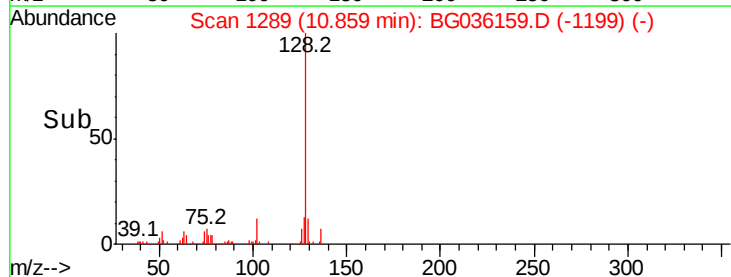
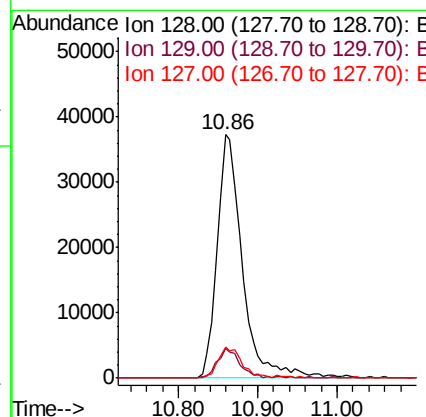
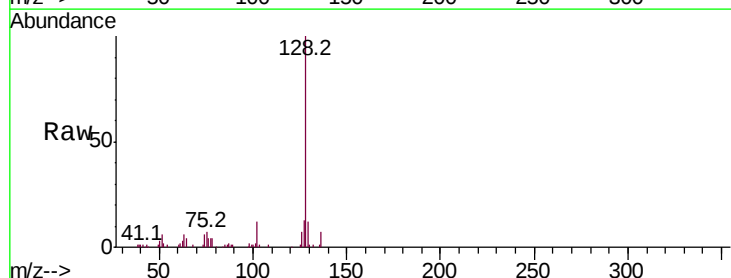
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE-1

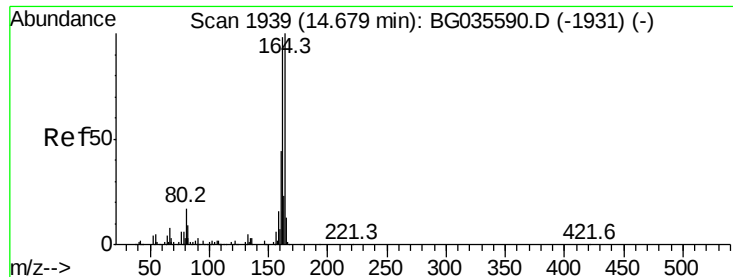
Tot Ion	82	Resp	281285
Ion Ratio	100	Lower	Upper
128	33.5	29.7	44.5
54	42.6	43.1	64.7#



#31
Naphthalene
Concen: 15.004 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036159.D
Acq: 7 Aug 2018 12:27

Tgt Ion	128	Resp	81792
Ion Ratio	100	Lower	Upper
129	12.3	8.6	12.8
127	12.7	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG036159.D

Acq: 7 Aug 2018 12:27

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE-1

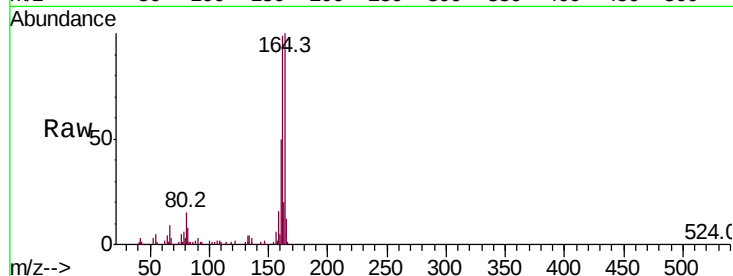
Tot Ion:164 Resp: 74648

Ion Ratio Lower Upper

164 100

162 98.8 78.8 118.2

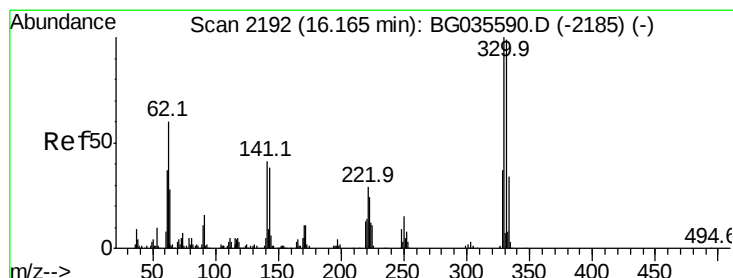
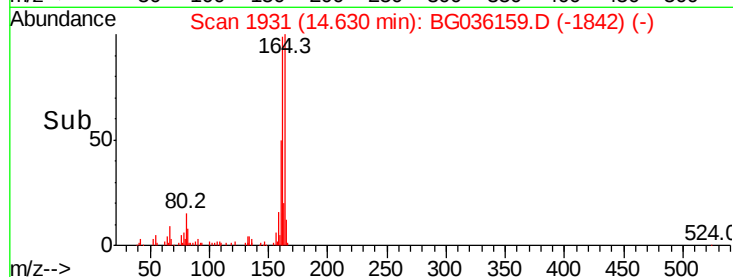
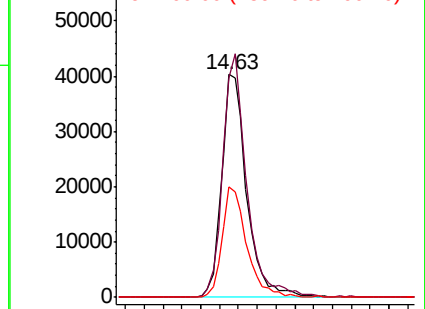
160 49.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 198.306 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG036159.D

Acq: 7 Aug 2018 12:27

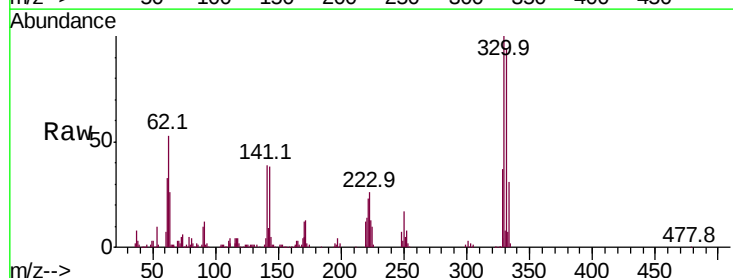
Tgt Ion:330 Resp: 195115

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

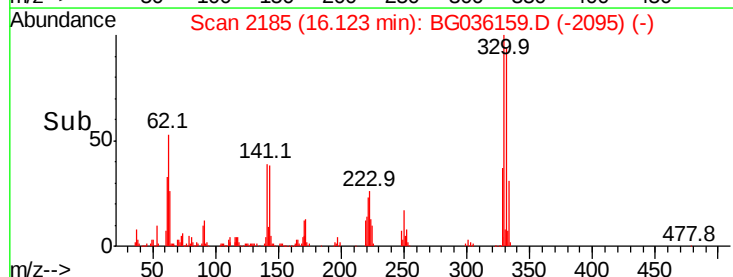
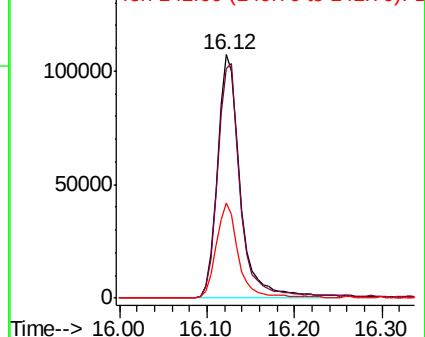
141 36.7 25.2 37.8

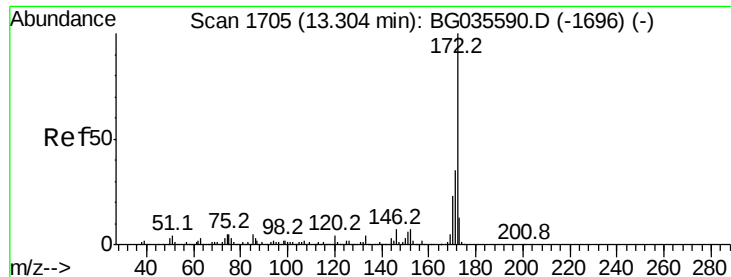


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

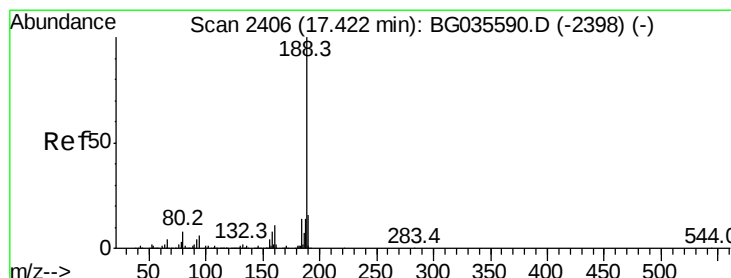
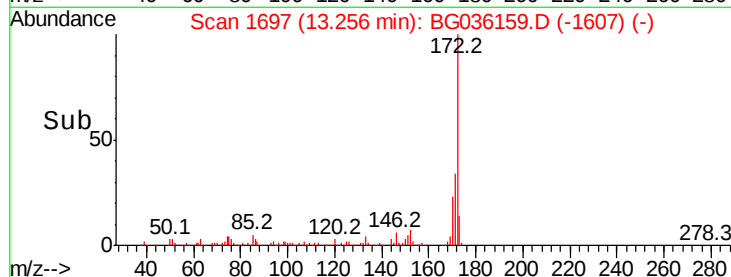
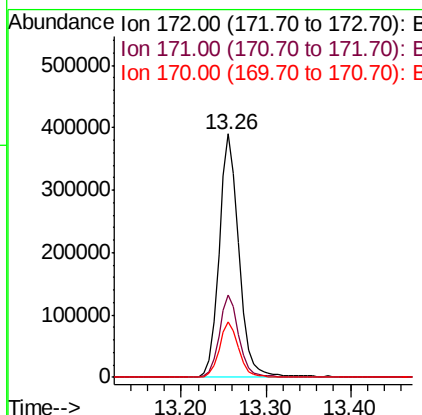
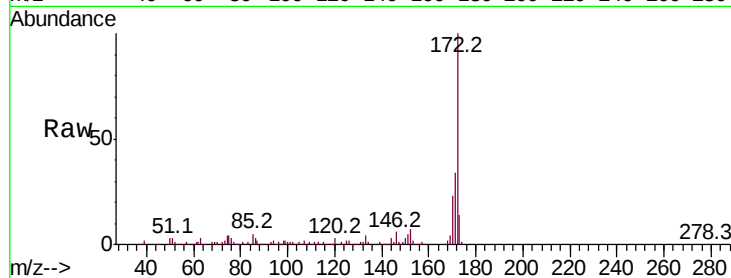




#44
2-Fluorobiphenyl
Concen: 114.303 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG036159.D
Acq: 7 Aug 2018 12:27

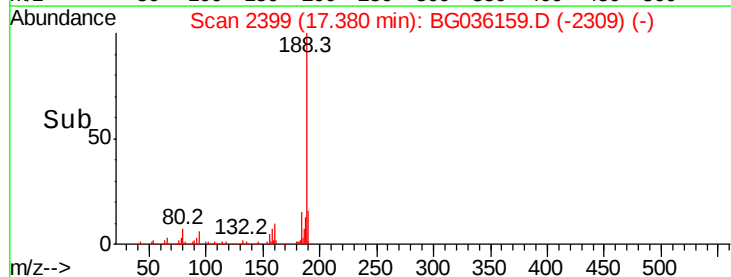
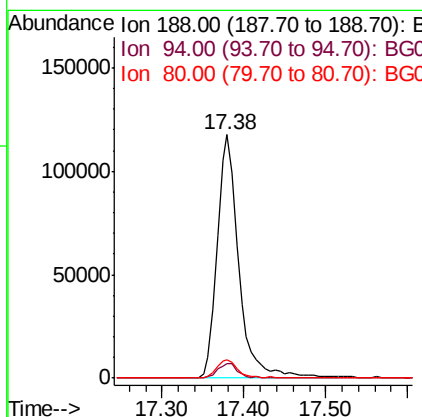
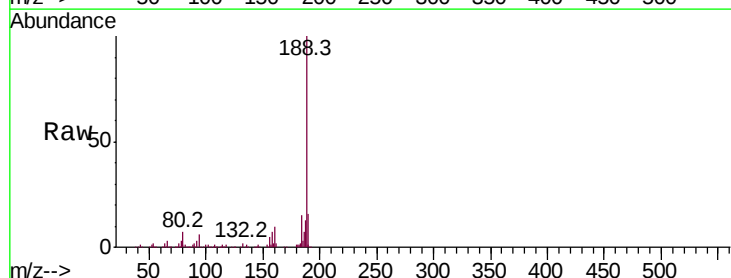
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE-1

Tot Ion:172 Resp: 636874
Ion Ratio Lower Upper
172 100
171 33.8 30.0 45.0
170 22.6 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG036159.D
Acq: 7 Aug 2018 12:27

Tgt Ion:188 Resp: 216724
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.3 7.7 11.5#





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG036159.D

Acq: 7 Aug 2018 12:27

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE-1

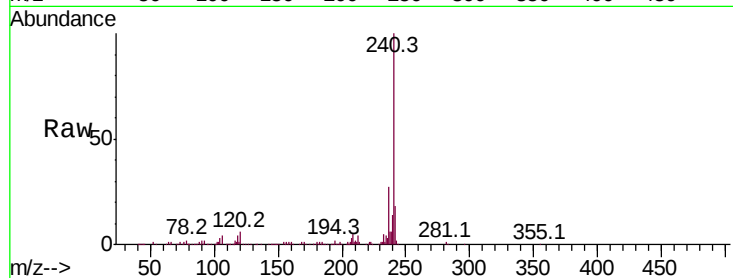
Tot Ion:240 Resp: 239069

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

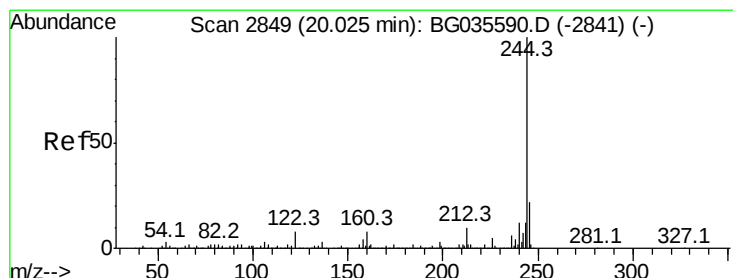
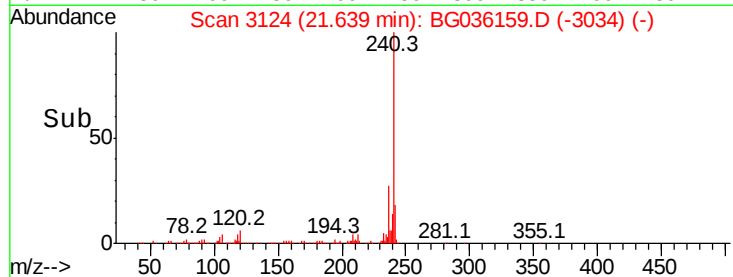
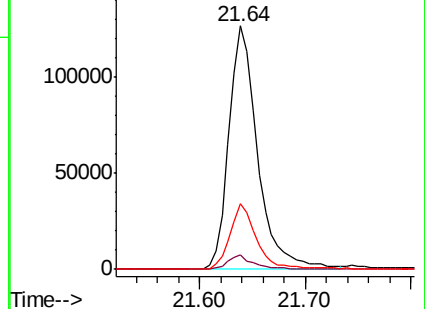
236 27.0 20.9 31.3



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: 121.587 ng

RT: 19.99 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BG036159.D

Acq: 7 Aug 2018 12:27

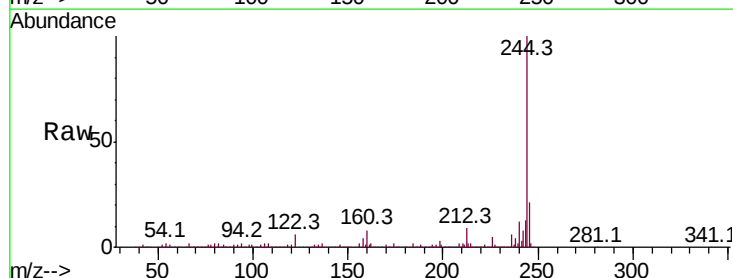
Tgt Ion:244 Resp: 1318679

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

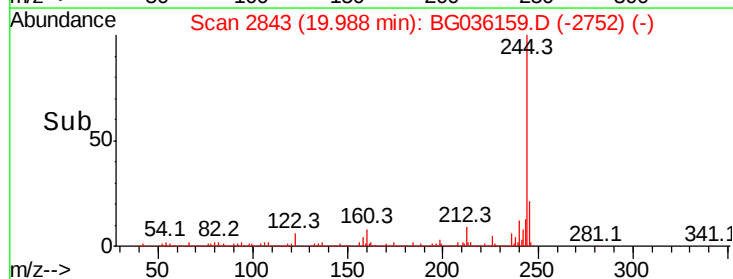
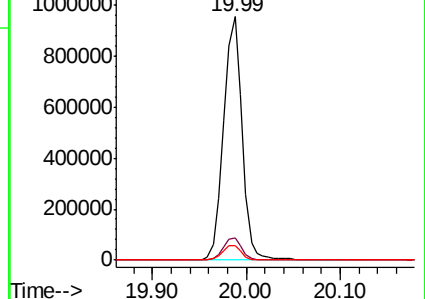
122 6.1 7.0 10.4#

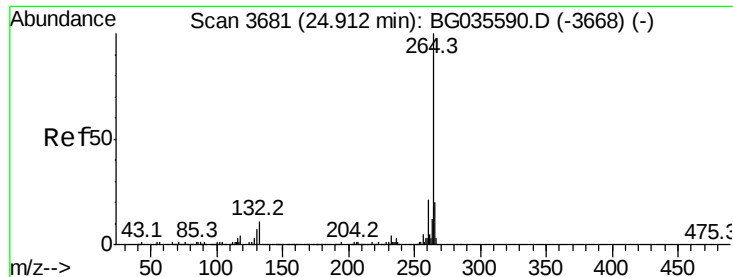


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

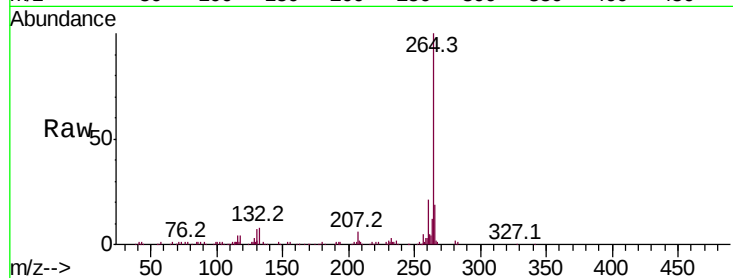




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. 0.00 min
Lab File: BG036159.D
Acq: 7 Aug 2018 12:27

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.4	26.0
265	18.6	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

