

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036519.D
 Acq On : 1 Sep 2018 00:20
 Operator : JU/SJ
 Sample : J4725-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-BEDROCK

Quant Time: Sep 01 02:24:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56509	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	226257	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	150201	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	408332	20.00	ng	0.00
75) Chrysene-d12	21.69	240	436031	20.00	ng	0.00
86) Perylene-d12	24.90	264	402665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	364612	102.35	ng	0.00
7) Phenol-d6	7.21	99	452453	88.71	ng	0.00
23) Nitrobenzene-d5	9.22	82	350930	84.15	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	245347	136.89	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	813350	77.32	ng	0.00
78) Terphenyl-d14	20.03	244	1516549	81.29	ng	0.00

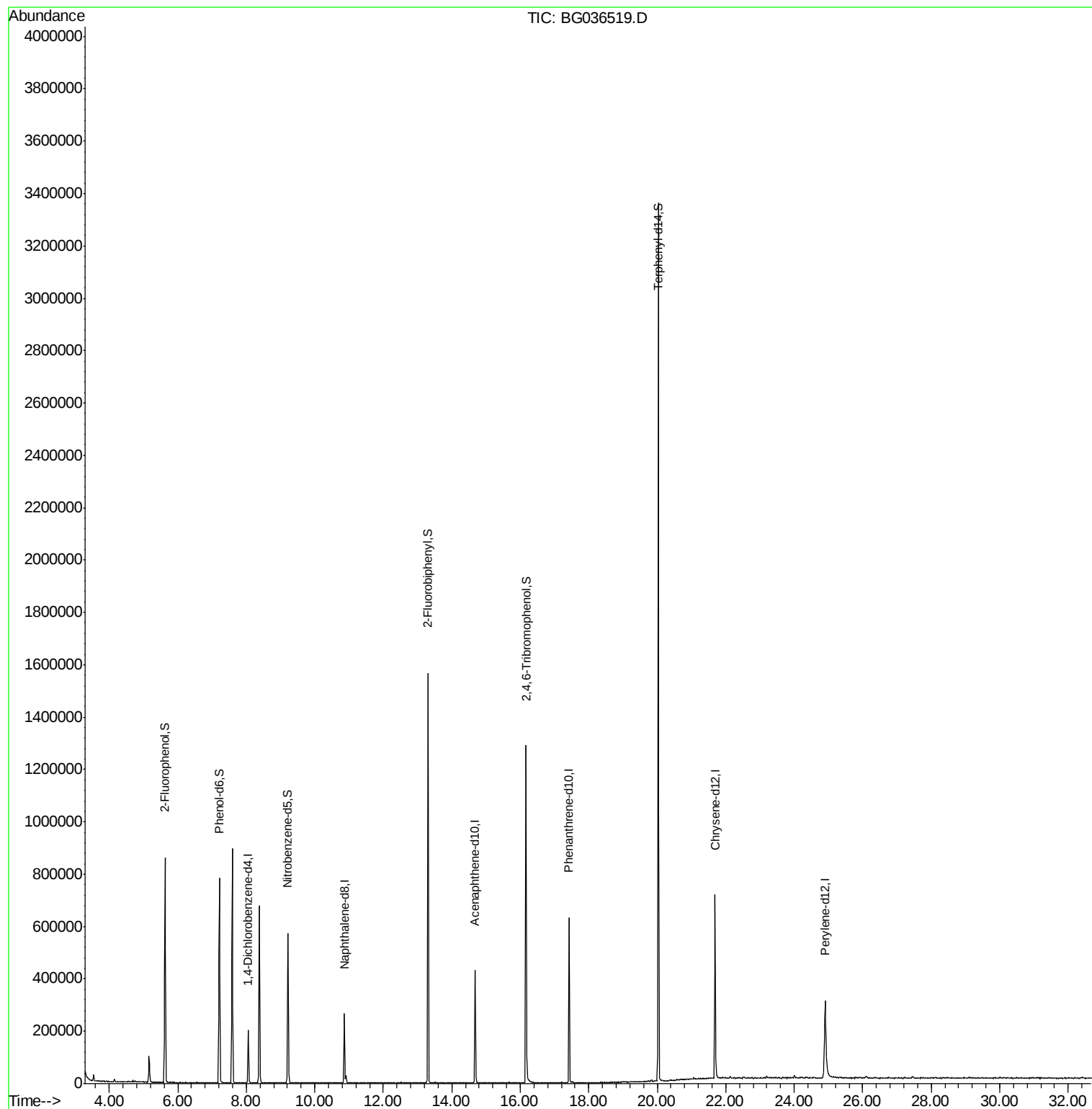
Target Compounds Qvalue

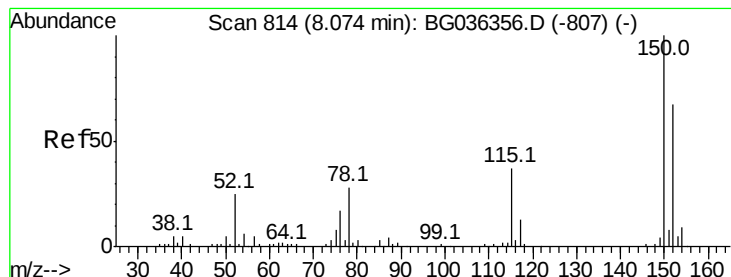
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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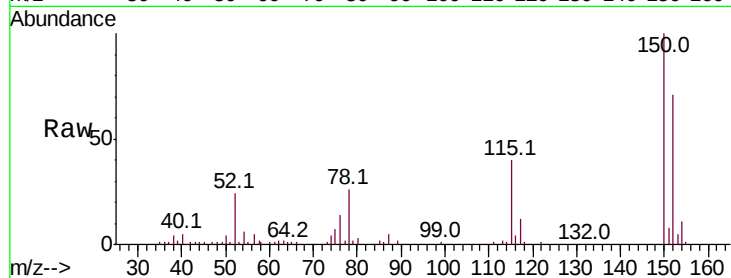


#1

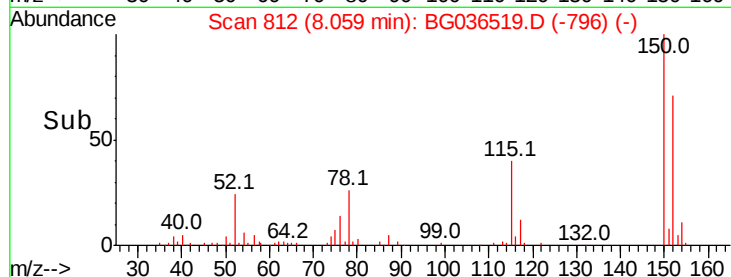
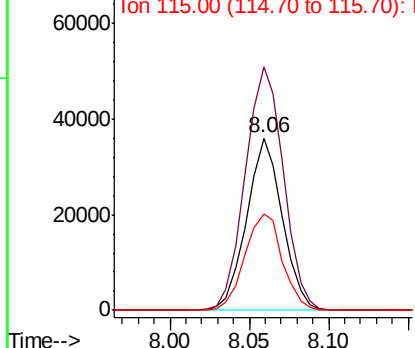
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036519.D
Acq: 1 Sep 2018 00:20

Instrument :
BNA_G
ClientSampleId :
CONCRETE-BEDROCK

Tot Ion:152 Resp: 56509
Ion Ratio Lower Upper
152 100
150 141.6 119.5 179.3
115 56.0 44.5 66.7



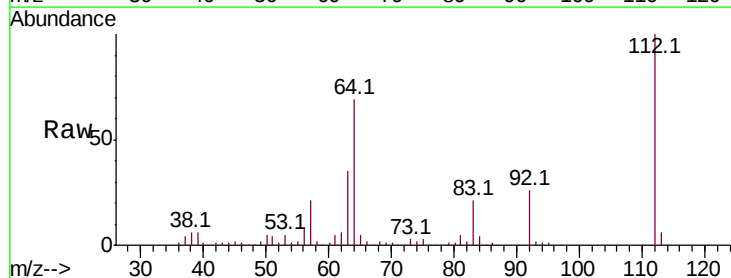
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



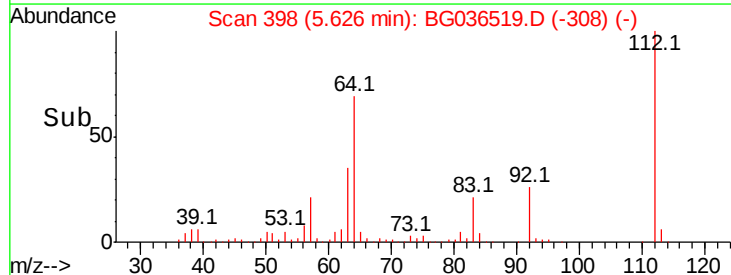
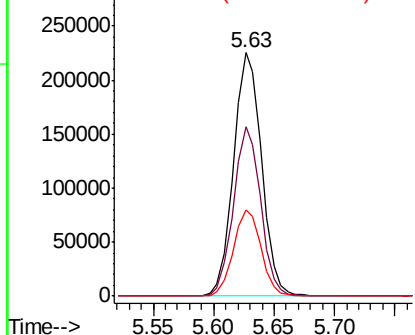
#5

2-Fluorophenol
Concen: 102.352 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036519.D
Acq: 1 Sep 2018 00:20

Tgt Ion:112 Resp: 364612
Ion Ratio Lower Upper
112 100
64 69.3 57.2 85.8
63 35.4 30.8 46.2



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: 88.710 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036519.D

Acq: 1 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

CONCRETE-BEDROCK

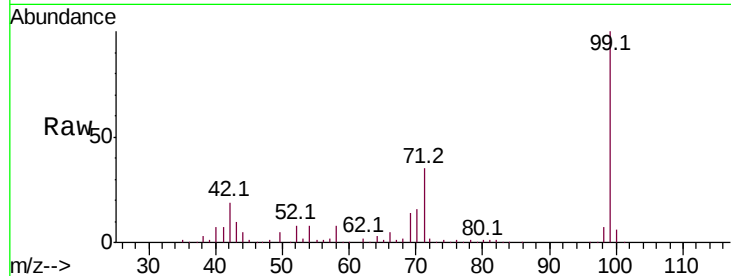
Tot Ion: 99 Resp: 452453

Ion Ratio Lower Upper

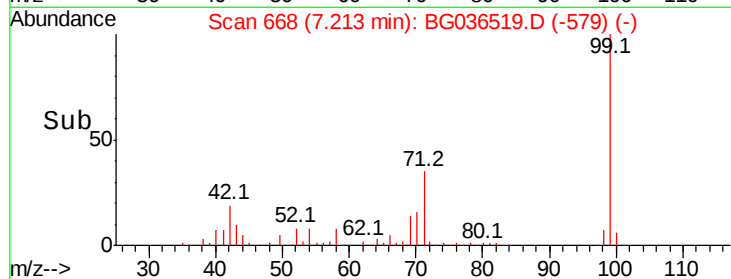
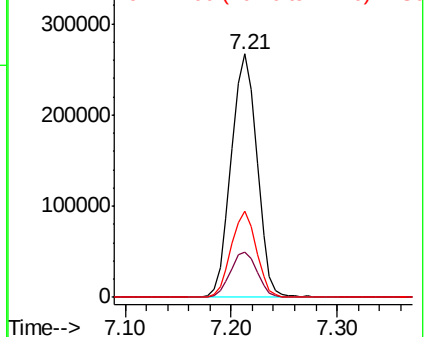
99 100

42 18.7 16.5 24.7

71 35.2 29.4 44.2



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: BG036519.D

Acq: 1 Sep 2018 00:20

Tgt Ion: 136 Resp: 226257

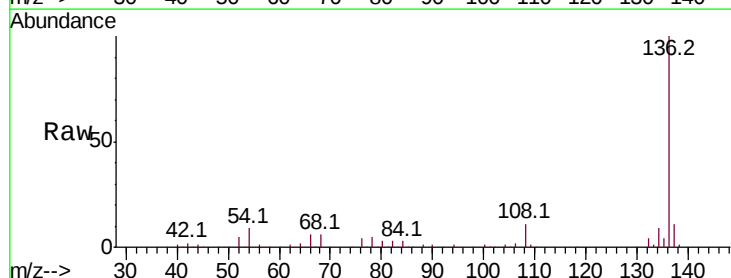
Ion Ratio Lower Upper

136 100

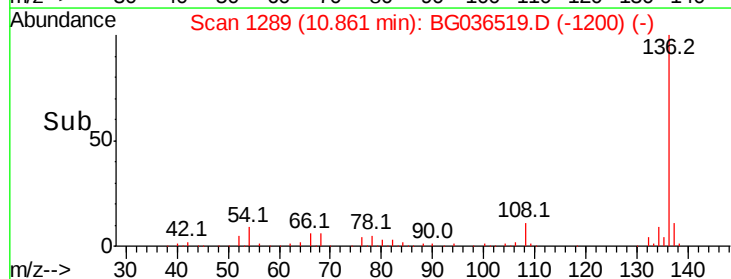
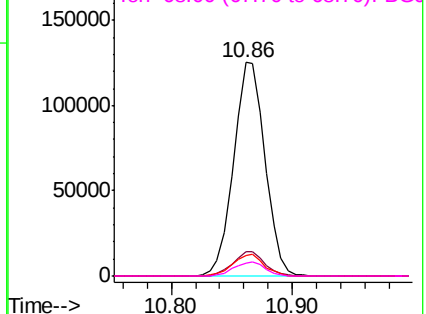
137 11.2 8.8 13.2

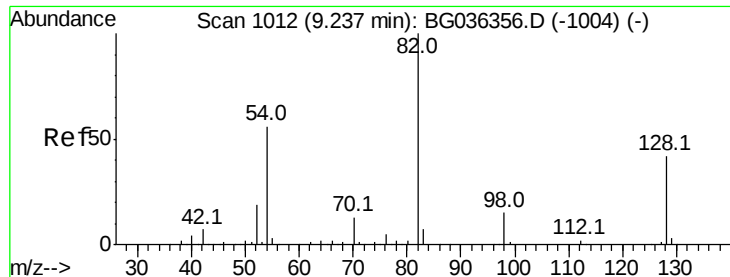
54 9.3 9.2 13.8

68 6.2 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

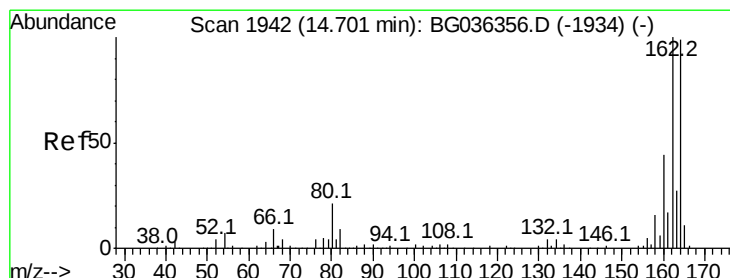
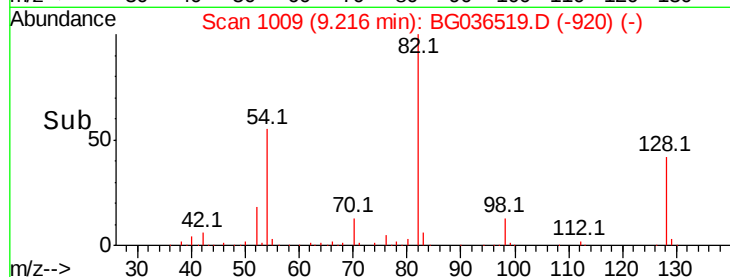
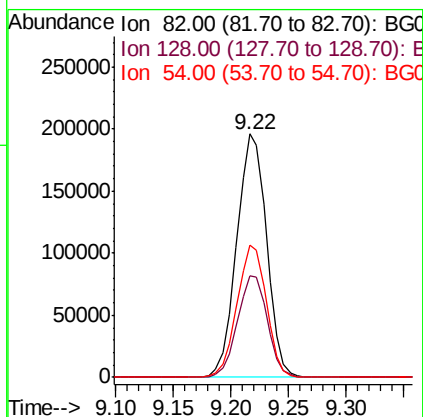
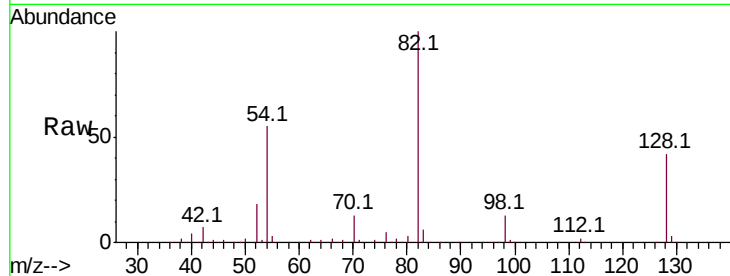




#23
Nitrobenzene-d5
Concen: 84.153 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036519.D
Acq: 1 Sep 2018 00:20

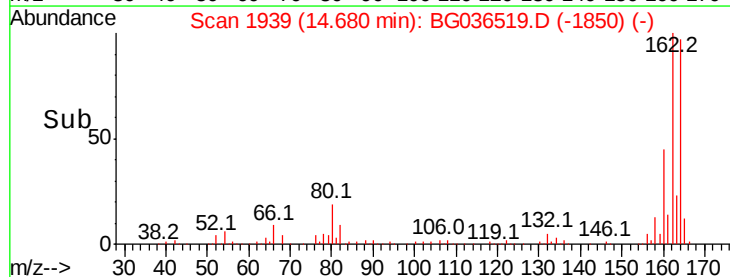
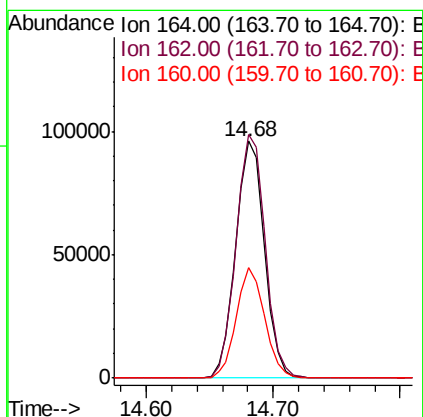
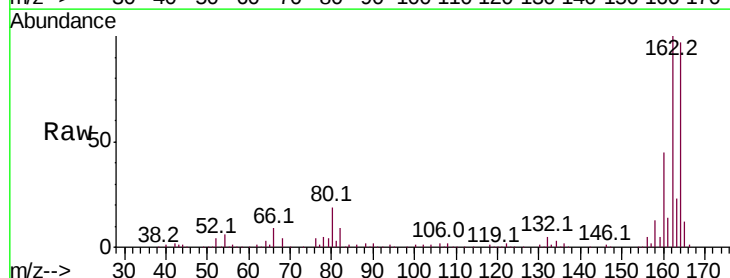
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BEDROCK

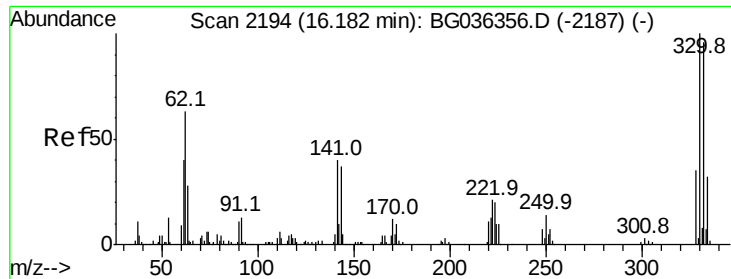
Tot Ion: 82 Resp: 350930
Ion Ratio Lower Upper
82 100
128 41.9 33.3 49.9
54 54.6 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036519.D
Acq: 1 Sep 2018 00:20

Tgt Ion: 164 Resp: 150201
Ion Ratio Lower Upper
164 100
162 102.8 80.7 121.1
160 46.5 35.3 52.9

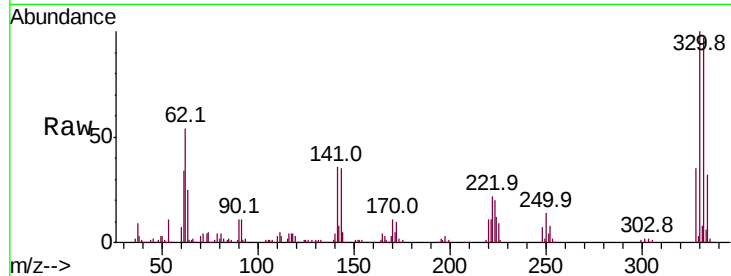




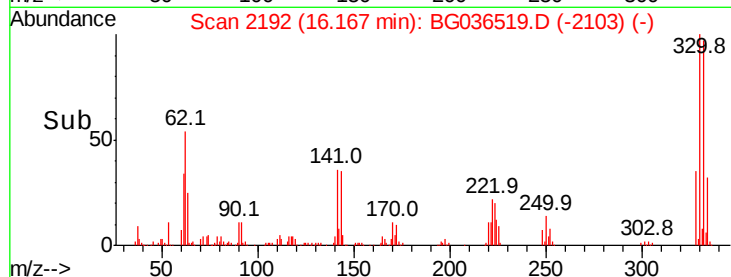
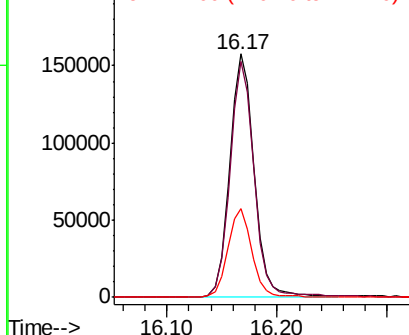
#41
 2,4,6-Tribromophenol
 Concen: 136.895 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036519.D
 Acq: 1 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-BEDROCK

Tot Ion:330 Resp: 245347
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.2
 141 35.8 30.7 46.1

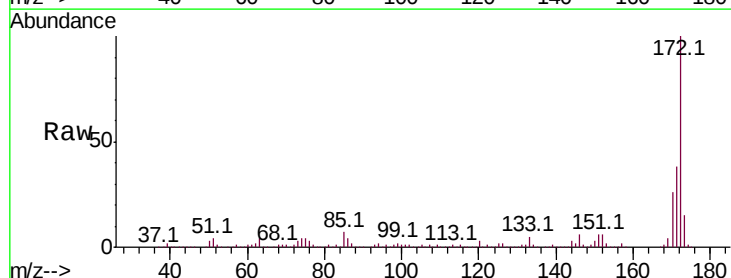


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

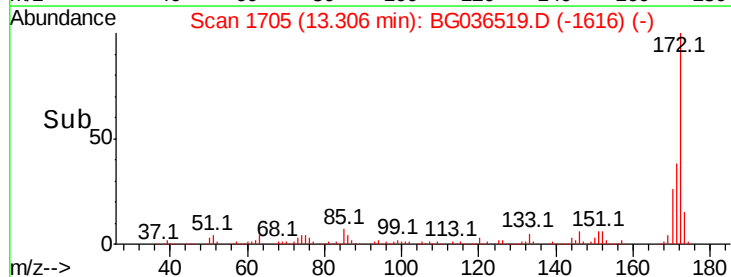
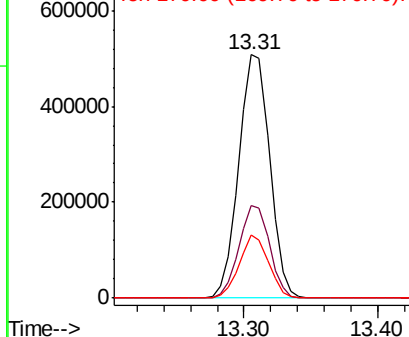


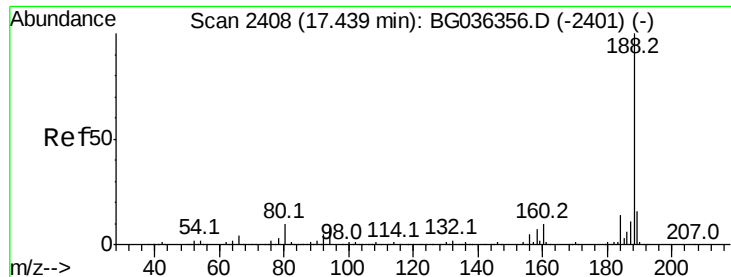
#44
 2-Fluorobiphenyl
 Concen: 77.317 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036519.D
 Acq: 1 Sep 2018 00:20

Tgt Ion:172 Resp: 813350
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.3 46.9
 170 26.0 21.0 31.6



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: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG036519.D

Acq: 1 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

CONCRETE-BEDROCK

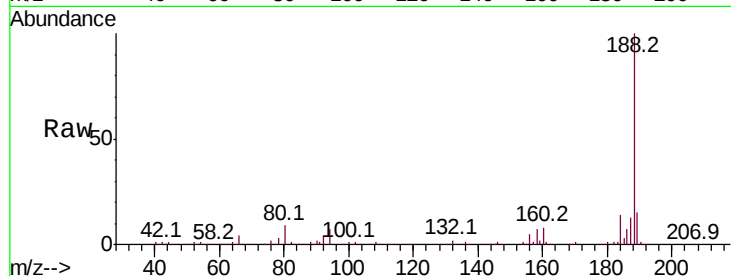
Tot Ion:188 Resp: 408332

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

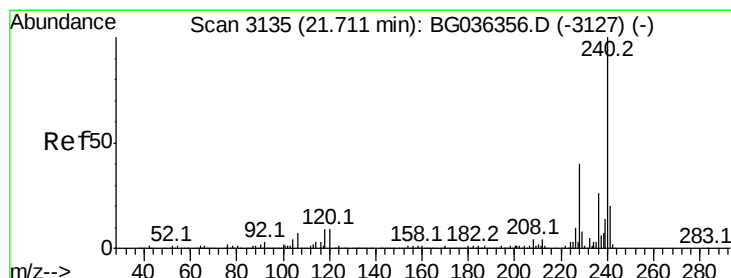
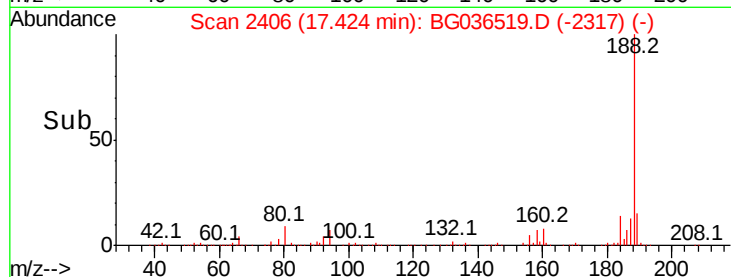
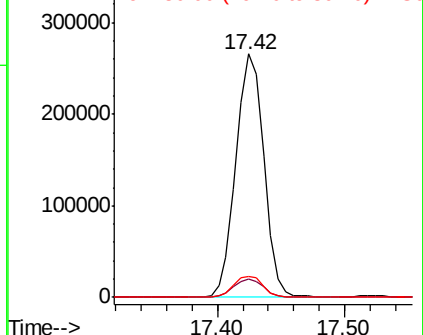
80 8.7 8.1 12.1



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: BG036519.D

Acq: 1 Sep 2018 00:20

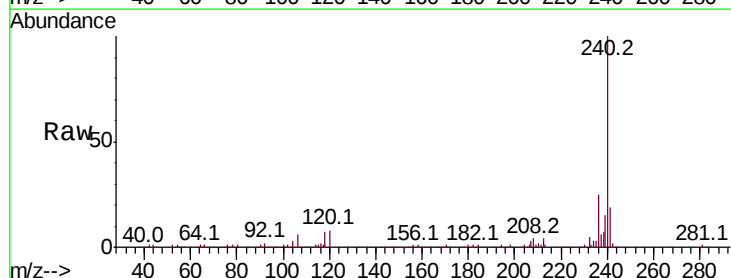
Tgt Ion:240 Resp: 436031

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

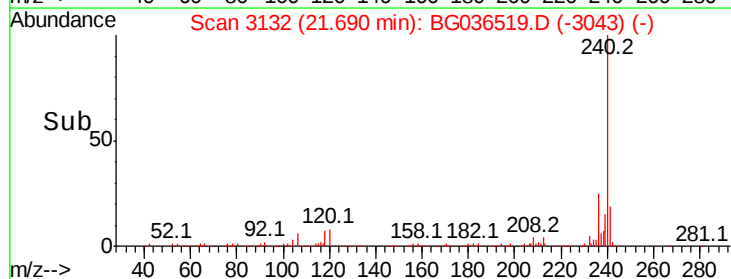
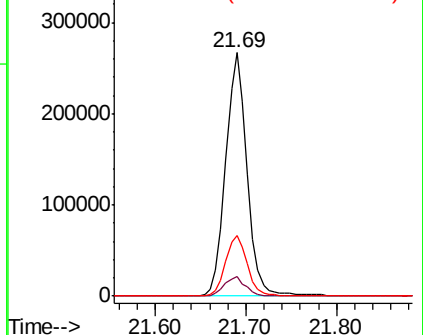
236 24.8 21.2 31.8

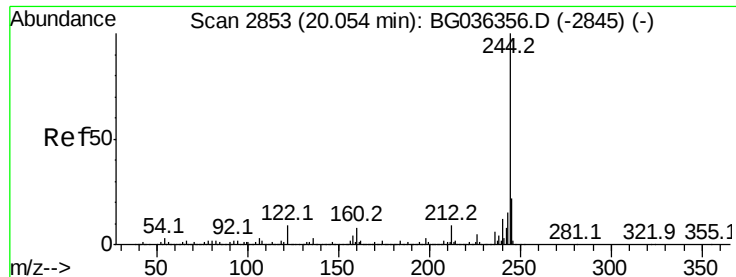


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.295 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036519.D

Acq: 1 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

CONCRETE-BEDROCK

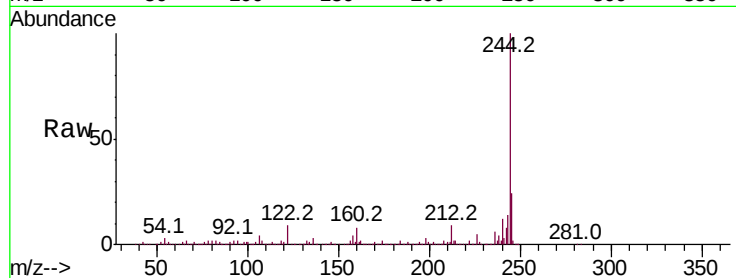
Tot Ion:244 Resp: 1516549

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.4	7.1	10.7

244 100

212 9.0 7.0 10.6

122 9.4 7.1 10.7



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

1500000

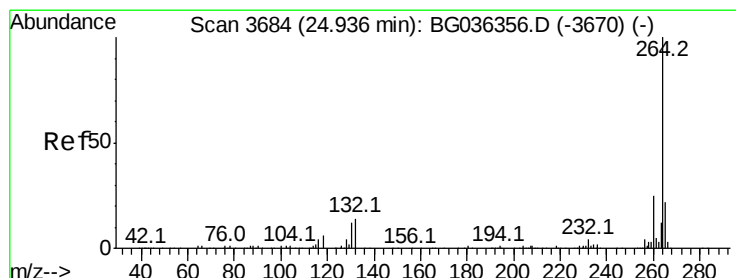
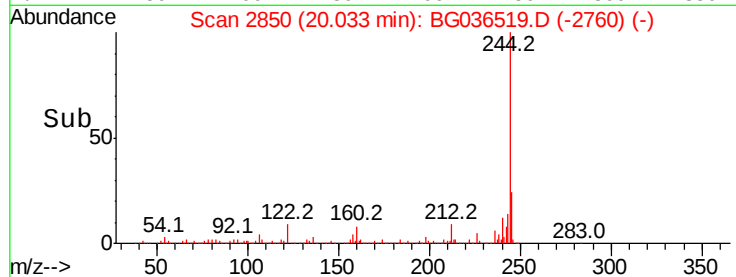
20.03

1000000

500000

0

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG036519.D

Acq: 1 Sep 2018 00:20

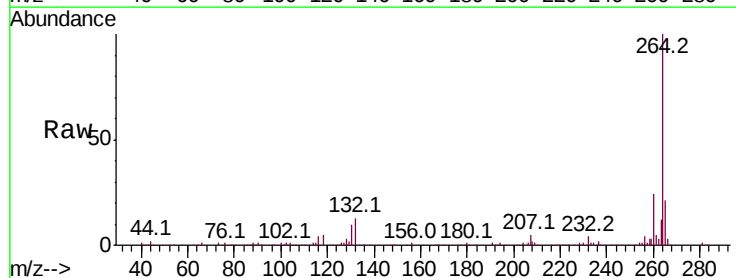
Tgt Ion:264 Resp: 402665

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	20.6	17.4	26.0

264 100

260 24.0 19.6 29.4

265 20.6 17.4 26.0



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

150000

24.90

100000

50000

0

Time-->

