

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034982.D
 Acq On : 8 Jun 2018 11:01
 Operator : SJ/JU
 Sample : J3325-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-OILY-STONE-RO-156

Quant Time: Jun 08 12:35:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41987	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	153402	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	105962	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	280550	20.00	ng	-0.01
75) Chrysene-d12	21.71	240	323141	20.00	ng	-0.02
86) Perylene-d12	24.95	264	306812	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	340693	136.94	ng	0.00
7) Phenol-d6	7.23	99	446449	121.58	ng	0.00
23) Nitrobenzene-d5	9.24	82	352982	109.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	218065	160.76	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	749618	91.97	ng	-0.01
78) Terphenyl-d14	20.05	244	1488264	96.47	ng	-0.01

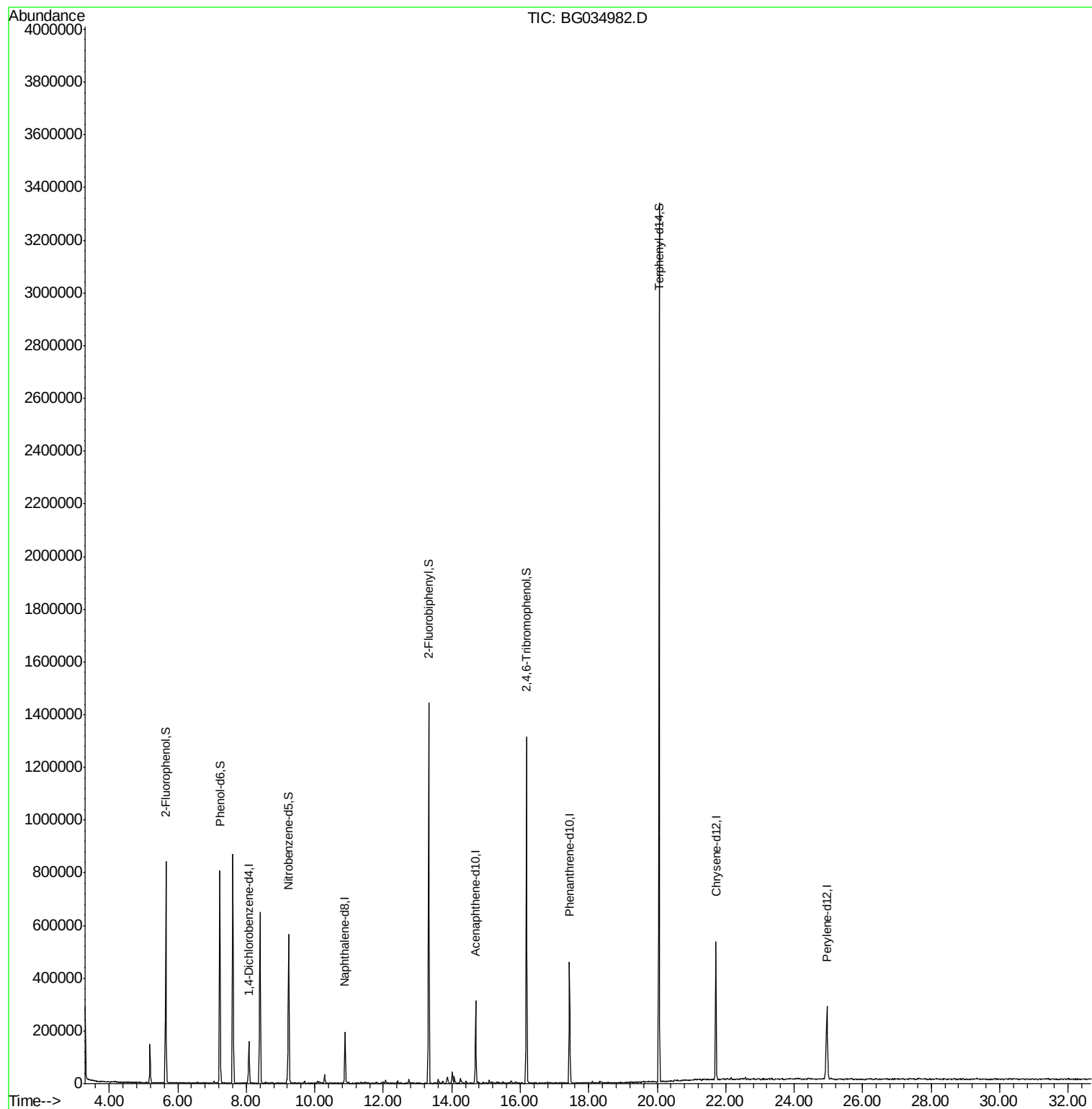
Target Compounds Qvalue

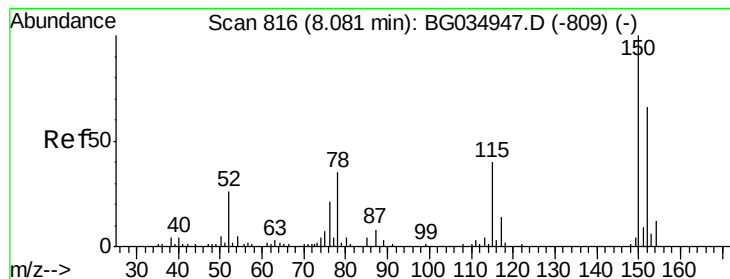
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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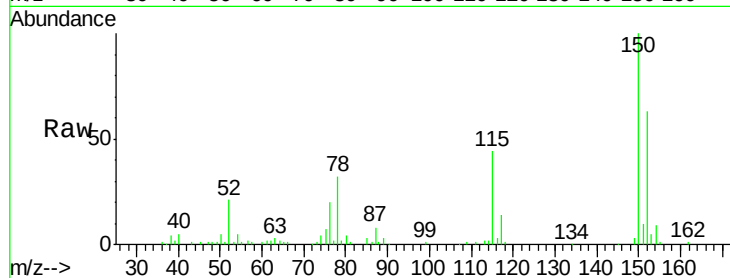


#1

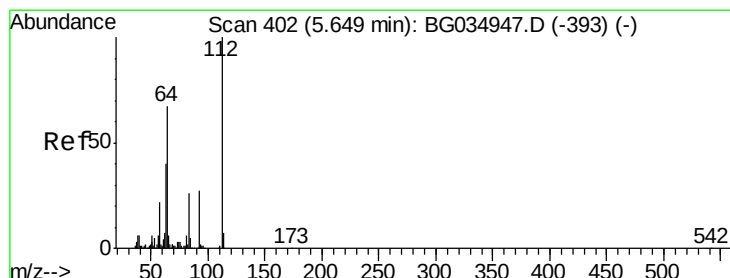
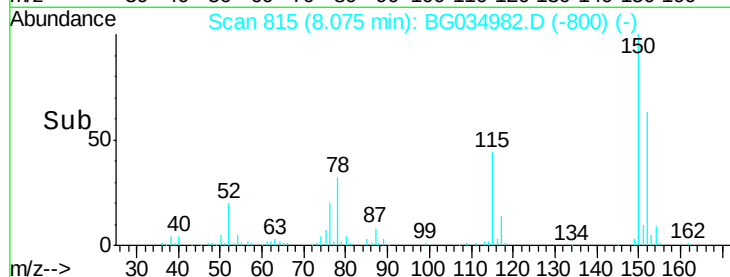
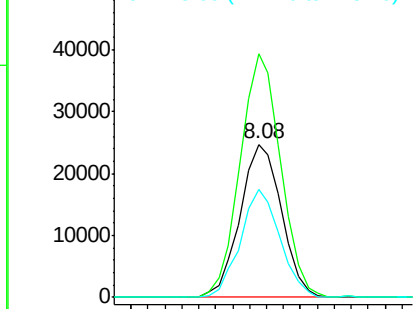
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Instrument :
BNA_G
ClientSampleId :
BS-OILY-STONE-RO-156

Tot Ion:152 Resp: 41987
Ion Ratio Lower Upper
152 100
150 159.3 126.6 189.8
115 70.9 53.0 79.4



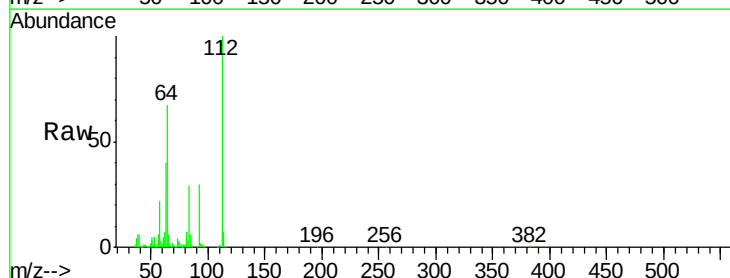
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



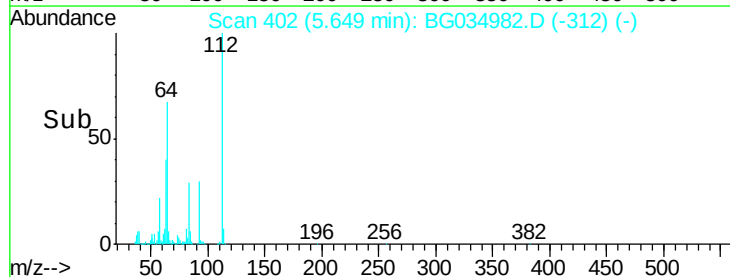
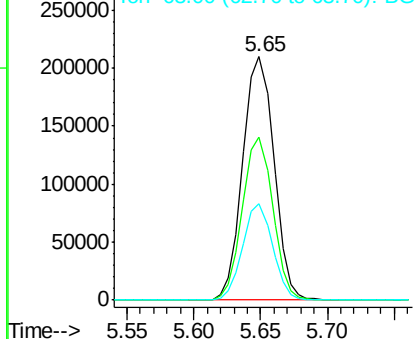
#5

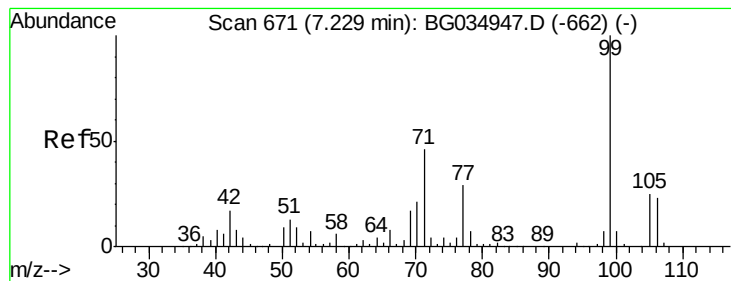
2-Fluorophenol
Concen: 136.937 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Tgt Ion:112 Resp: 340693
Ion Ratio Lower Upper
112 100
64 67.1 56.3 84.5
63 39.8 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: 121.579 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

Instrument :

BNA_G

ClientSampleId :

BS-OILY-STONE-RO-156

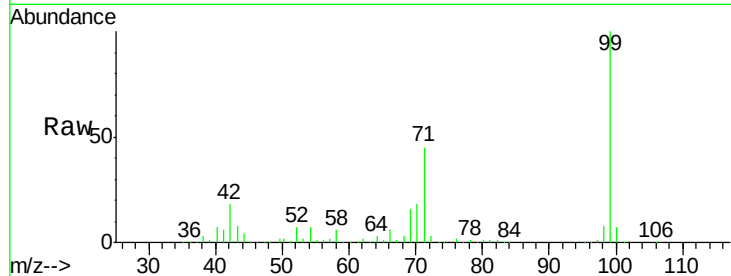
Tot Ion: 99 Resp: 446449

Ion Ratio Lower Upper

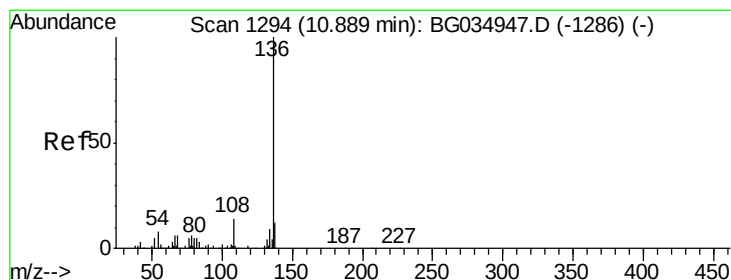
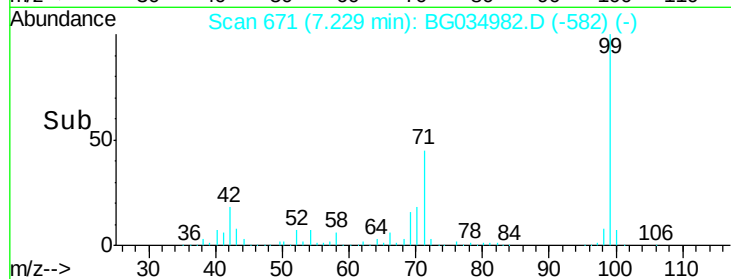
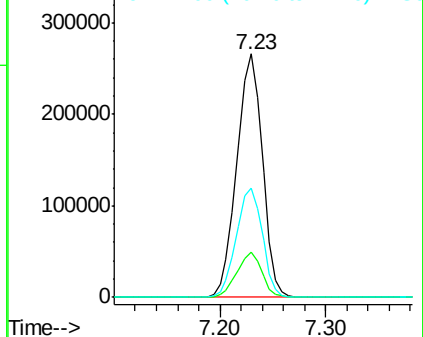
99 100

42 18.4 14.1 21.1

71 44.8 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: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

Tgt Ion: 136 Resp: 153402

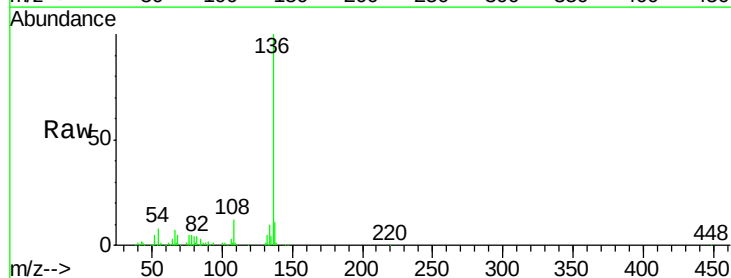
Ion Ratio Lower Upper

136 100

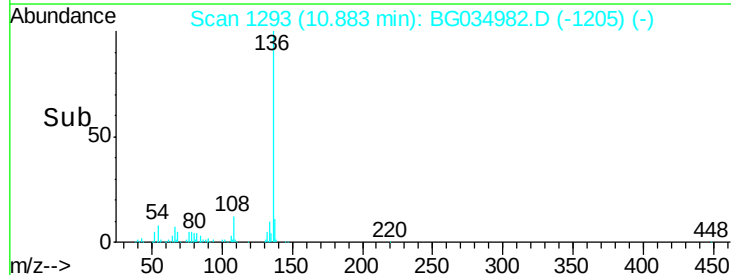
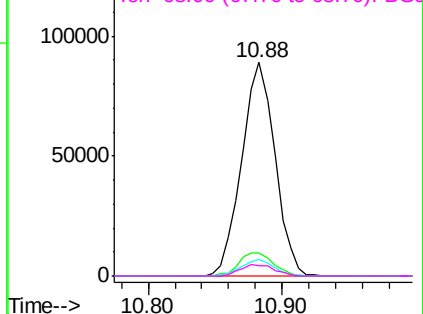
137 10.9 9.2 13.8

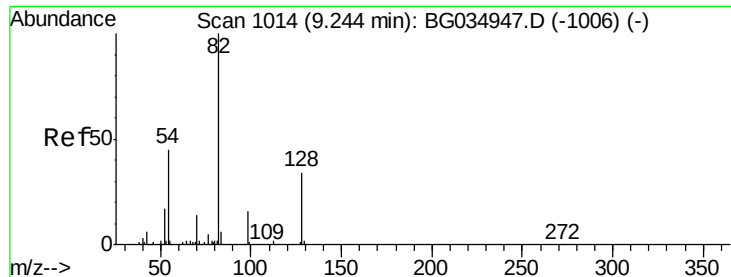
54 7.8 10.3 15.5#

68 4.7 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: 109.378 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

Instrument :

BNA_G

ClientSampleId :

BS-OILY-STONE-RO-156

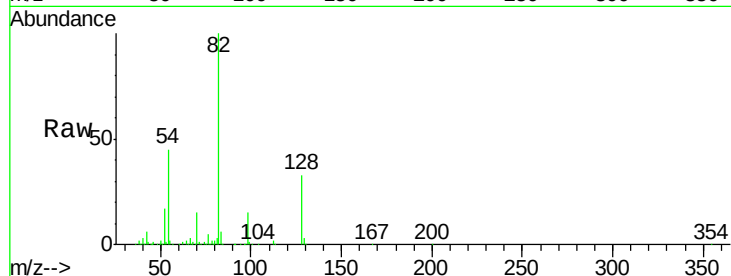
Tot Ion: 82 Resp: 352982

Ion Ratio Lower Upper

82 100

128 33.0 29.7 44.5

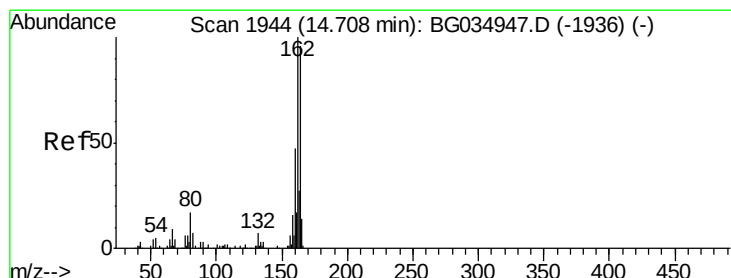
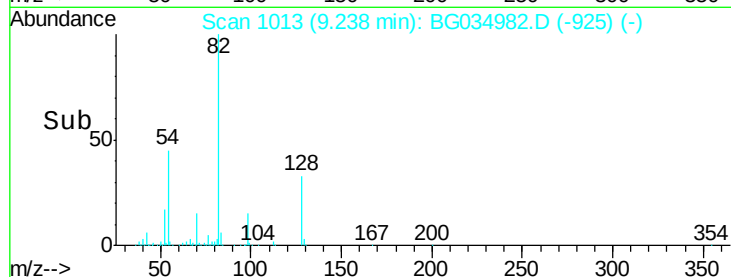
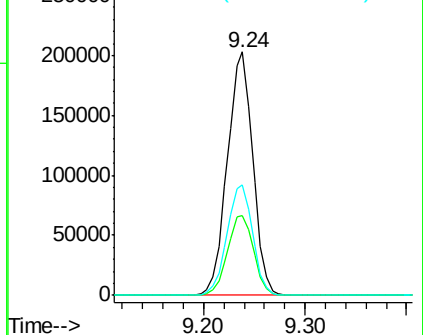
54 45.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

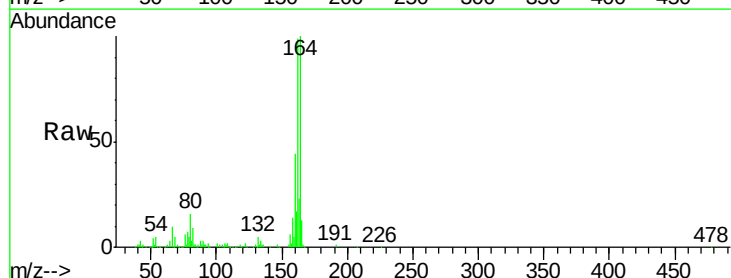
Tgt Ion: 164 Resp: 105962

Ion Ratio Lower Upper

164 100

162 99.3 78.8 118.2

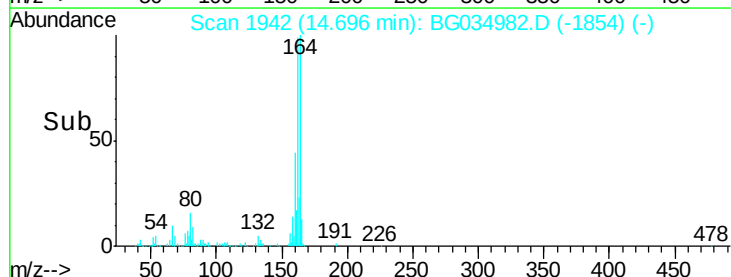
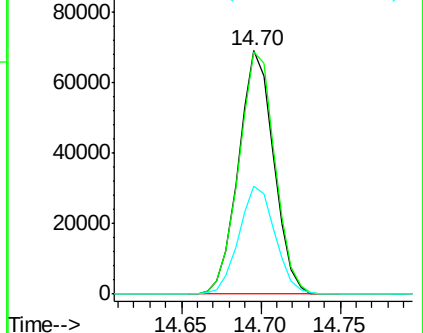
160 44.4 35.4 53.0

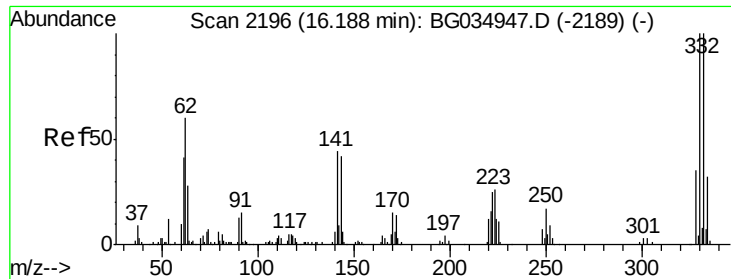


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 160.762 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

Instrument :

BNA_G

ClientSampleId :

BS-OILY-STONE-RO-156

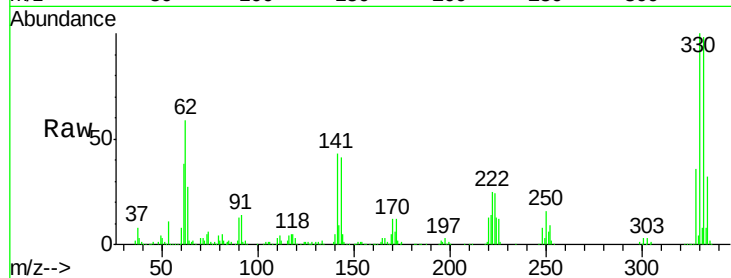
Tot Ion:330 Resp: 218065

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

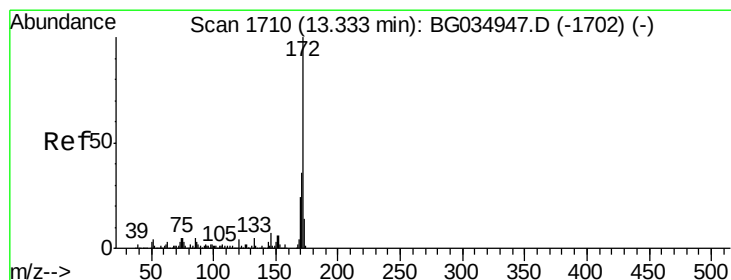
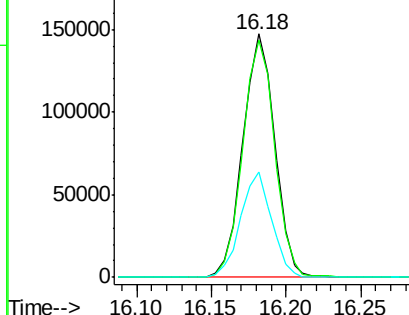
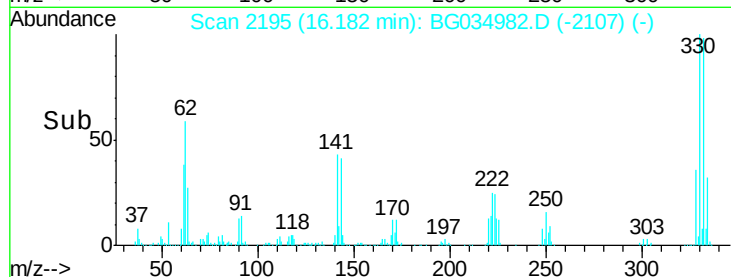
141 42.2 25.2 37.8#



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: 91.967 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

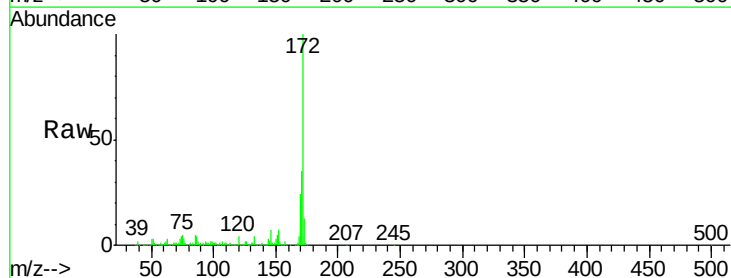
Tgt Ion:172 Resp: 749618

Ion Ratio Lower Upper

172 100

171 34.9 30.0 45.0

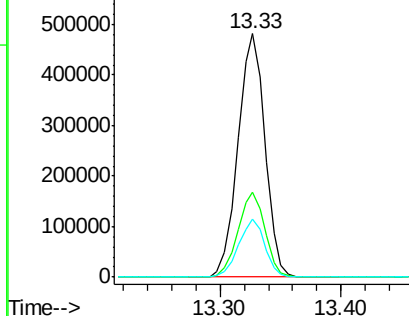
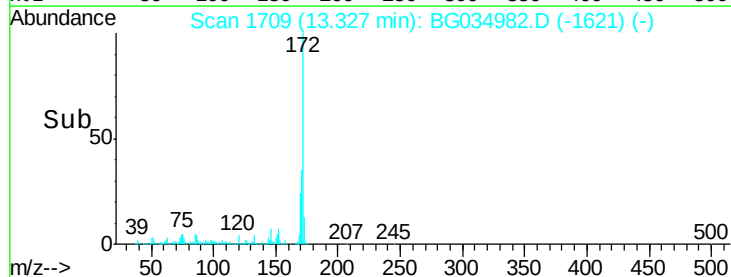
170 24.0 19.5 29.3

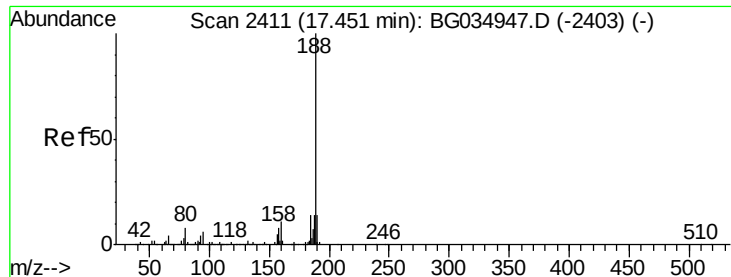


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.44 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

Instrument :

BNA_G

ClientSampleId :

BS-OILY-STONE-RO-156

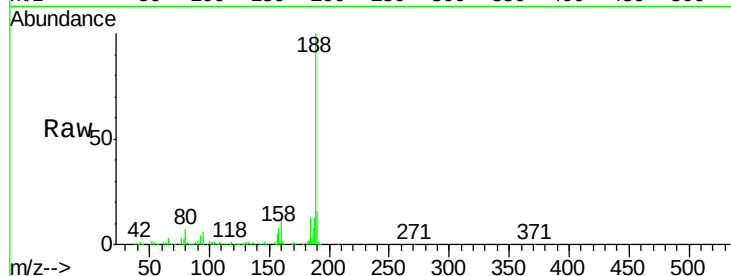
Tot Ion:188 Resp: 280550

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

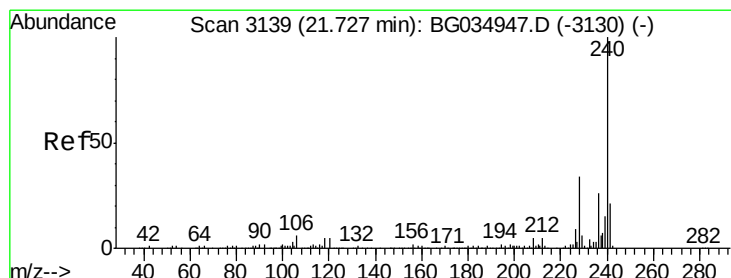
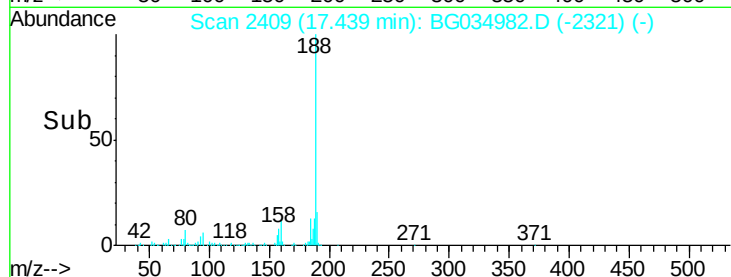
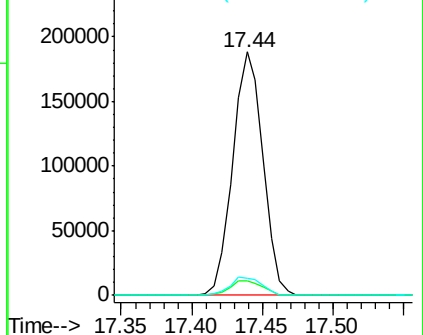
80 7.1 7.7 11.5#



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: 21.71 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

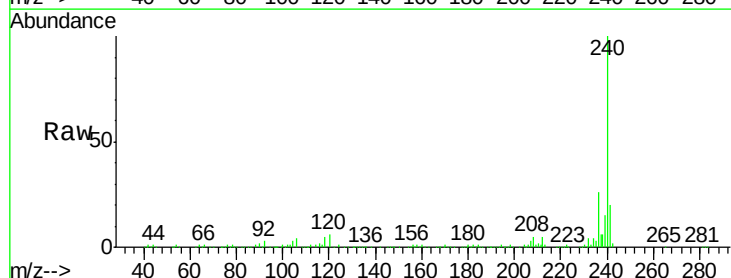
Tgt Ion:240 Resp: 323141

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

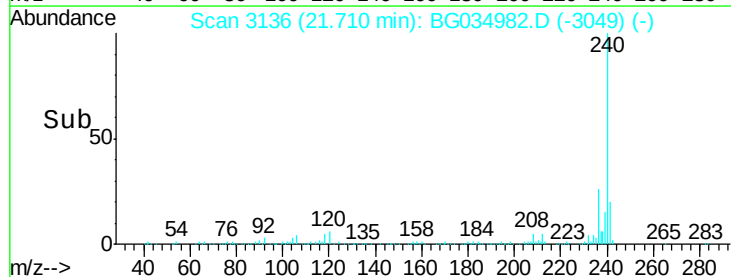
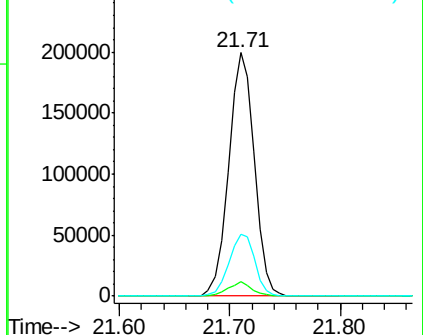
236 25.5 20.9 31.3

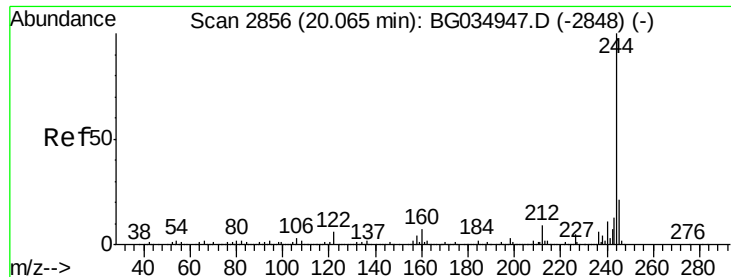


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.473 ng

RT: 20.05 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

Instrument :

BNA_G

ClientSampleId :

BS-OILY-STONE-RO-156

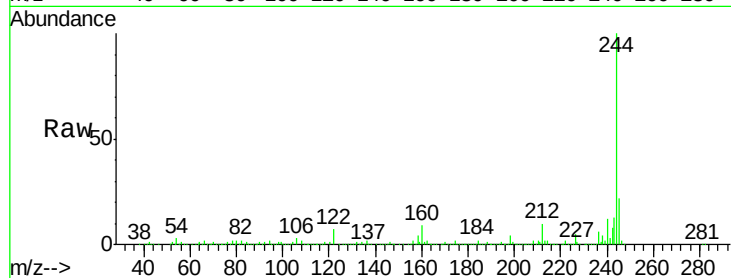
Tot Ion:244 Resp: 1488264

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

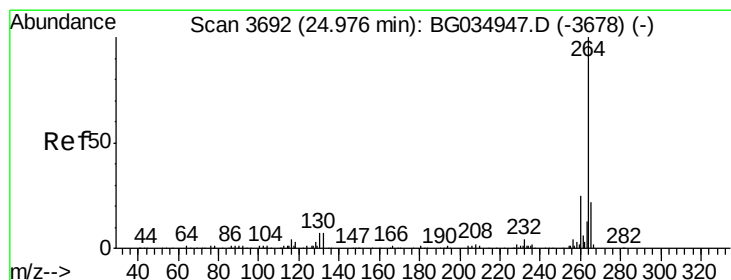
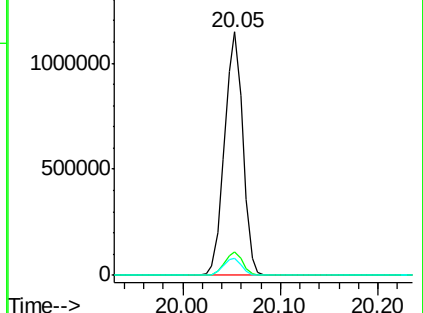
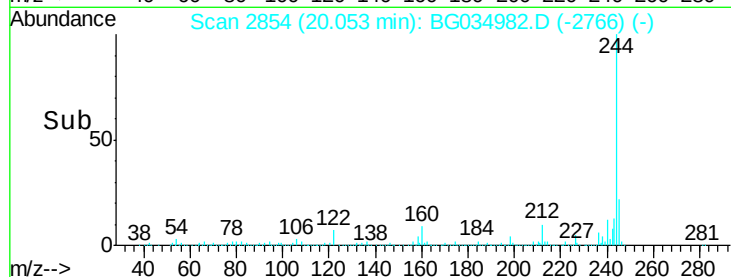
122 7.0 7.0 10.4



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: 24.95 min Scan# 3687

Delta R.T. -0.04 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

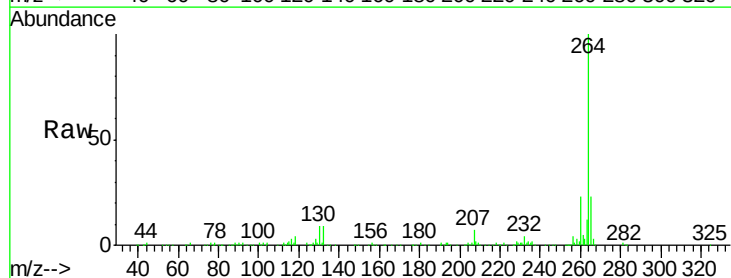
Tgt Ion:264 Resp: 306812

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 23.2 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

