

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 12:27:31 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

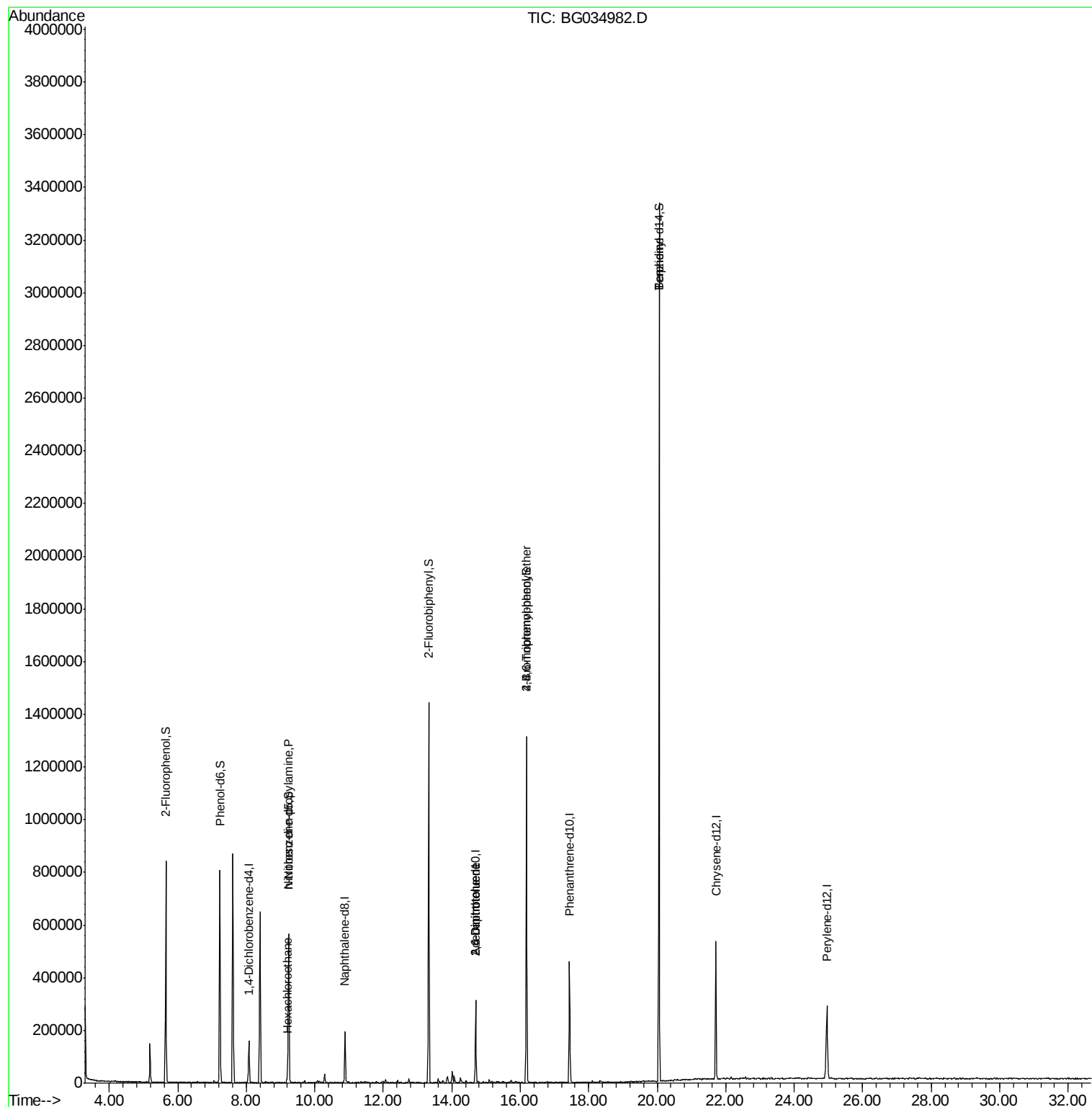
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41987	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	153402	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	105962	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	280550	20.00	ng	-0.01
75) Chrysene-d12	21.71	240	323141	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						
18) Hexachloroethane	9.20	117	2502	2.176	ng	# 1
19) n-Nitroso-di-n-propylamine	9.24	70	49730	15.941	ng	# 69
50) 2,6-Dinitrotoluene	14.70	165	13917	8.256	ng	# 21
56) 2,4-Dinitrotoluene	14.70	165	13917	6.215	ng	# 19
66) 4-Bromophenyl-phenylether	16.18	248	17251	5.106	ng	# 1
76) Benzidine	20.05	184	28505	2.371	ng	# 93

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

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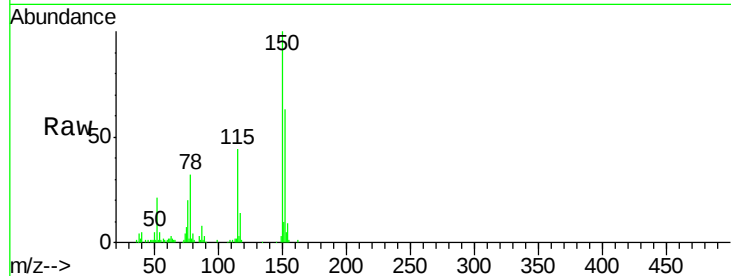


#1

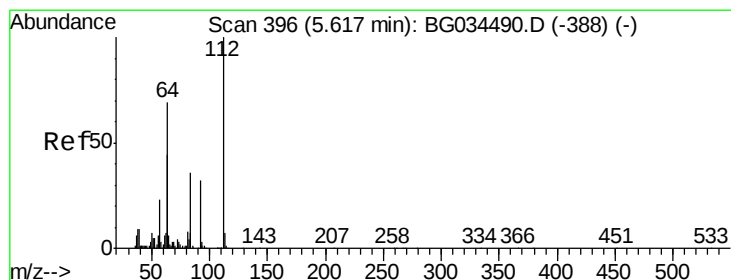
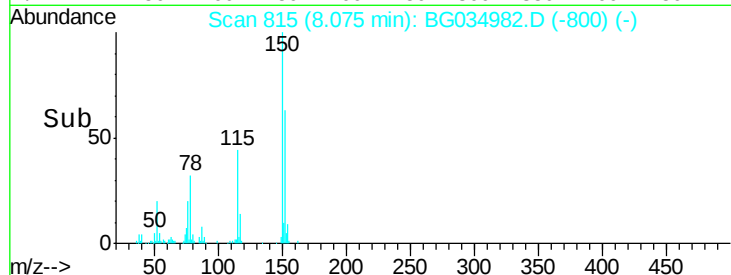
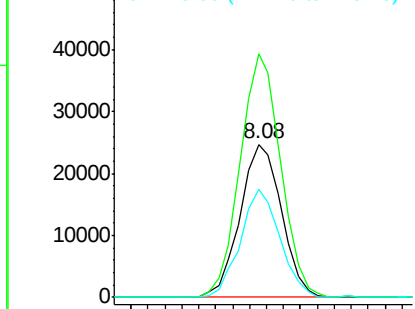
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

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



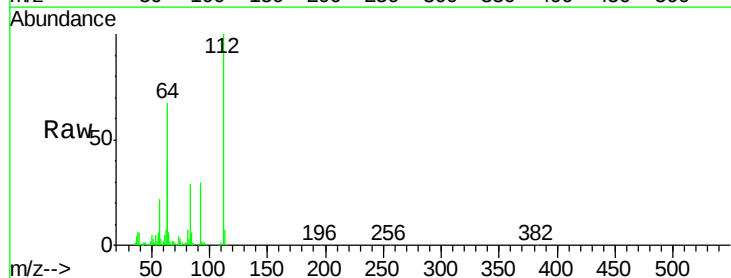
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



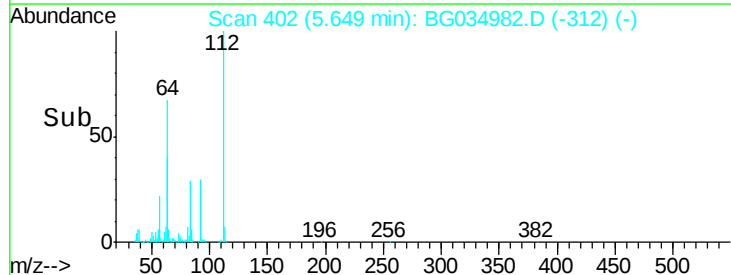
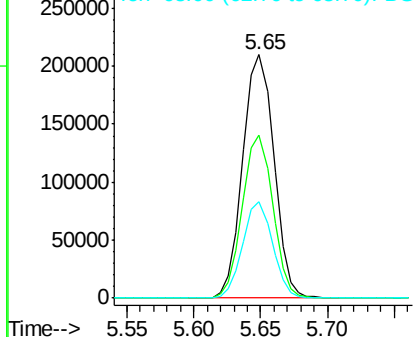
#5

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

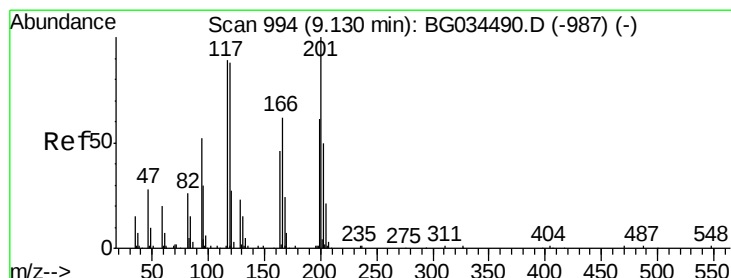
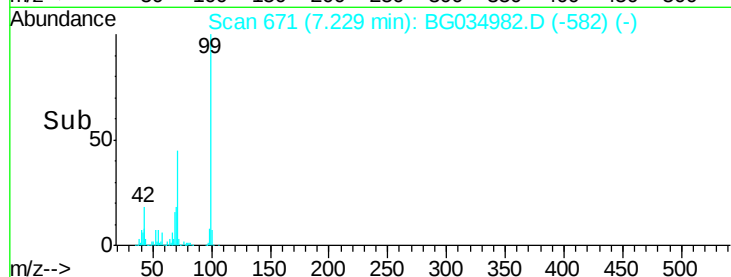
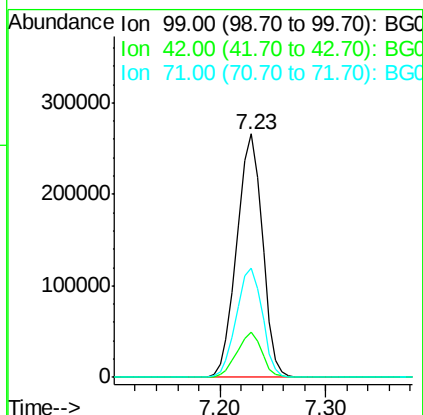
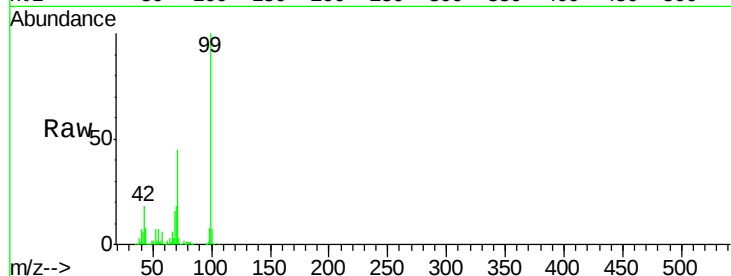
Tot Ion: 99 Resp: 446449

Ion Ratio Lower Upper

99 100

42 18.4 14.1 21.1

71 44.8 26.1 39.1#



#18

Hexachloroethane

Concen: 2.176 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.02 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

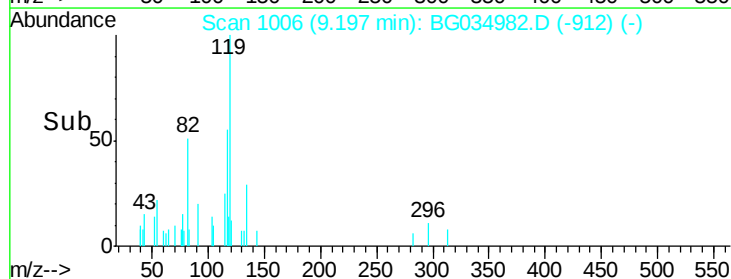
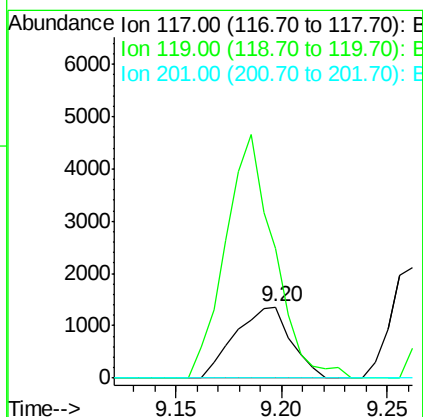
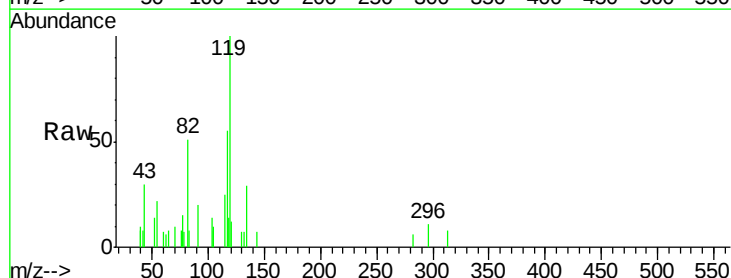
Tgt Ion: 117 Resp: 2502

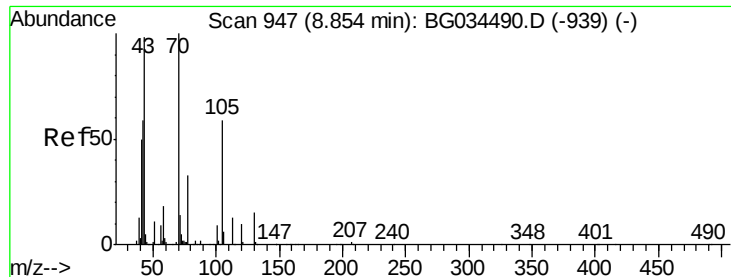
Ion Ratio Lower Upper

117 100

119 182.5 76.7 115.1#

201 0.0 95.7 143.5#

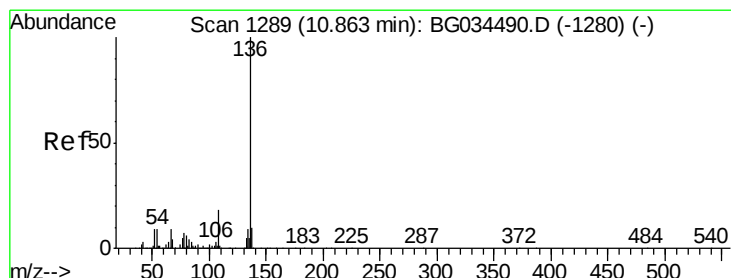
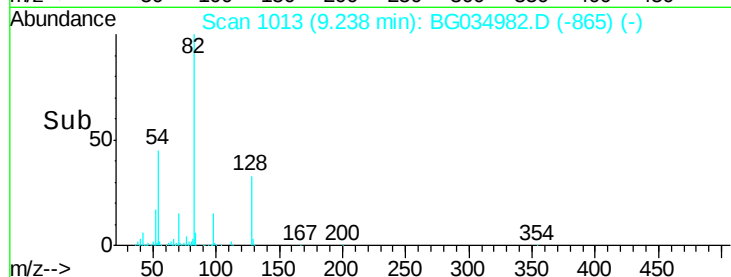
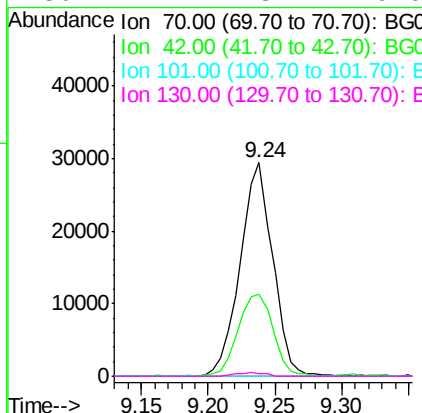
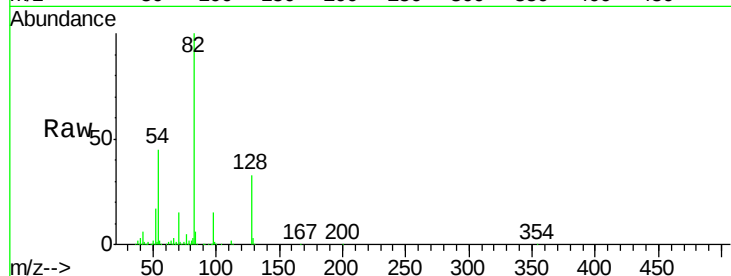




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.941 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. 0.34 min
 Lab File: BG034982.D
 Acq: 8 Jun 2018 11:01

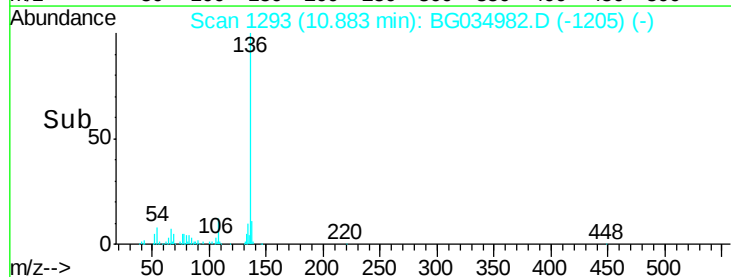
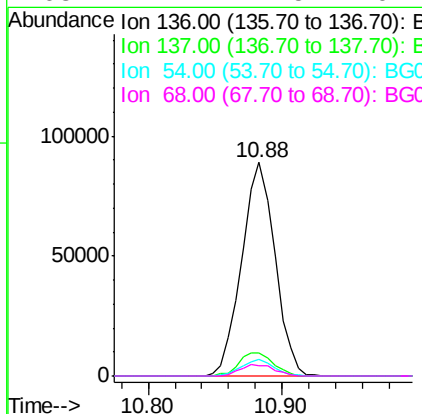
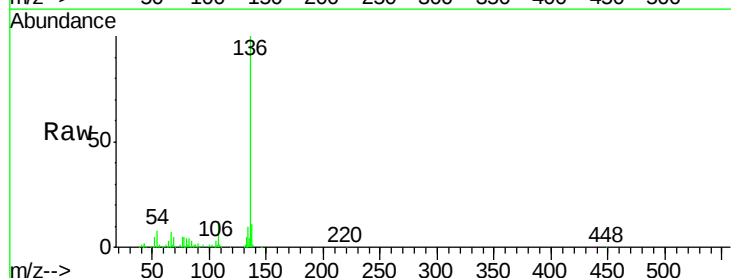
Instrument :
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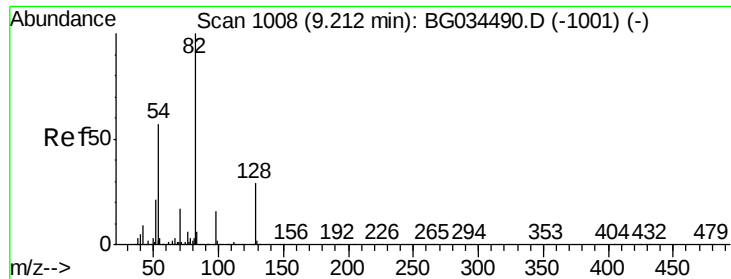
Tot Ion: 70 Resp: 49730
 Ion Ratio Lower Upper
 70 100
 42 38.6 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.4 13.4 20.0#



#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

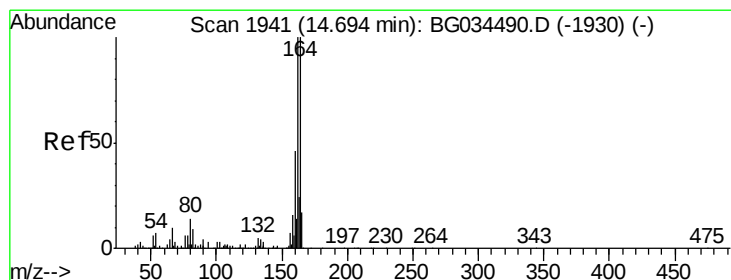
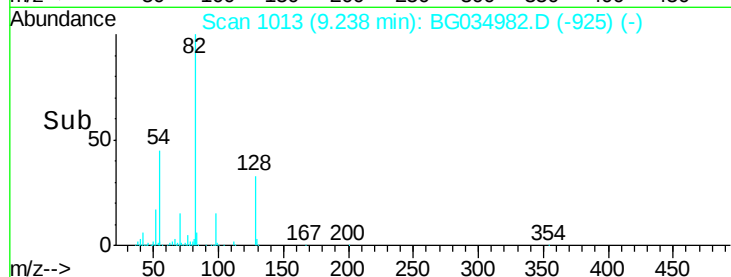
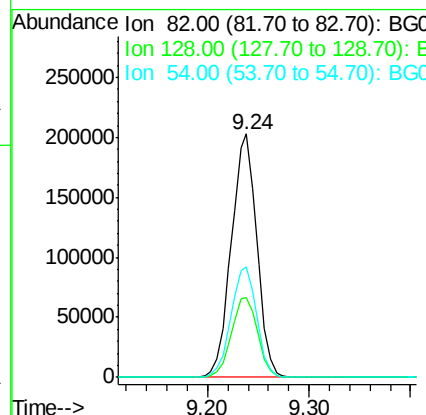
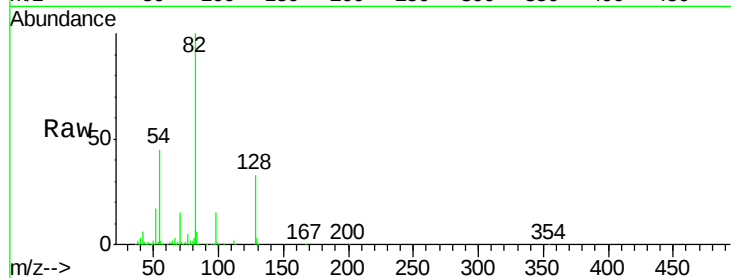




#23
 Nitrobenzene-d5
 Concen: 109.378 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG034982.D
 Acq: 8 Jun 2018 11:01

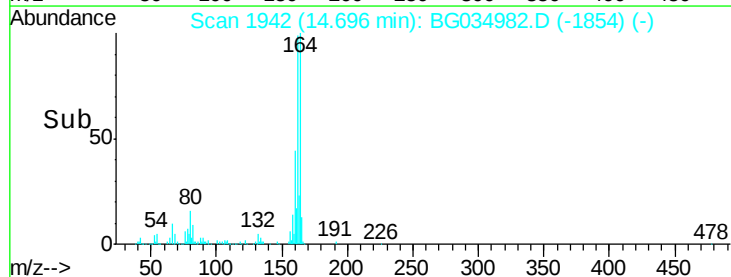
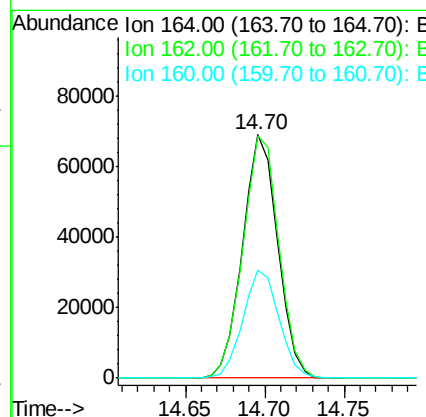
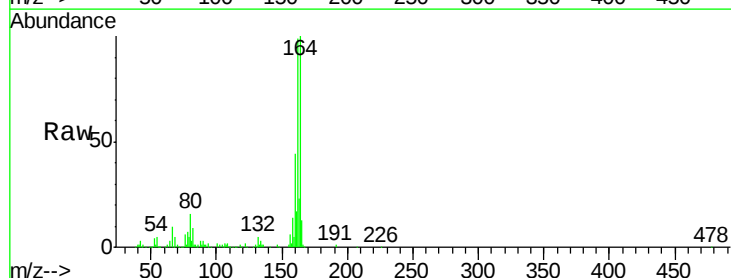
Instrument :
 BNA_G
 ClientSampleId :
 BS-OILY-STONE-RO-156

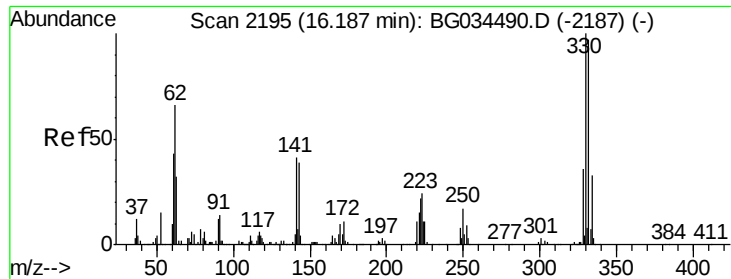
Tot Ion	82	Resp	352982
Ion Ratio	Lower	Upper	
82	100		
128	33.0	29.7	44.5
54	45.2	43.1	64.7



#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

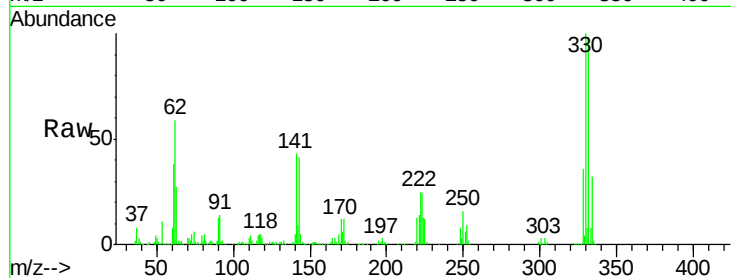




#41
 2,4,6-Tribromophenol
 Concen: 160.762 ng
 RT: 16.18 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BG034982.D
 Acq: 8 Jun 2018 11:01

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	42.2	25.2	37.8#

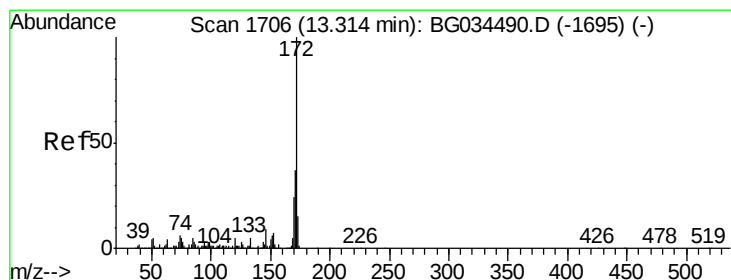
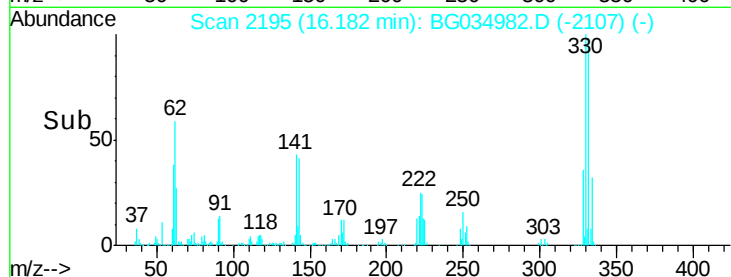
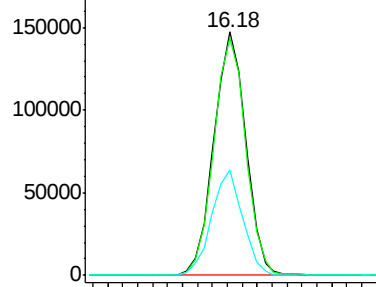


Abundance

Ion 329.80 (329.50 to 330.50): E

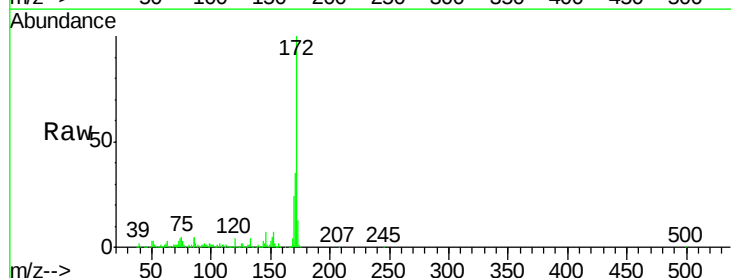
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	24.0	19.5	29.3

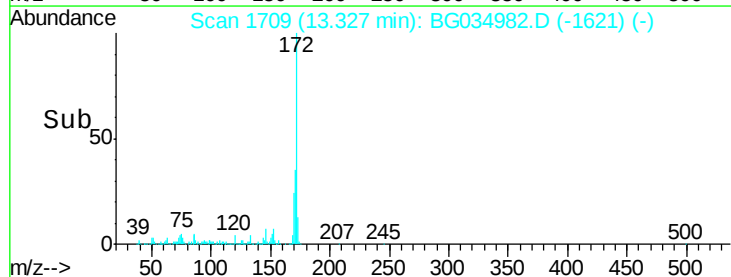
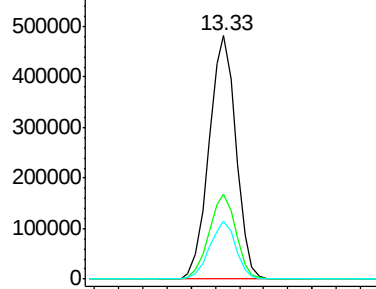


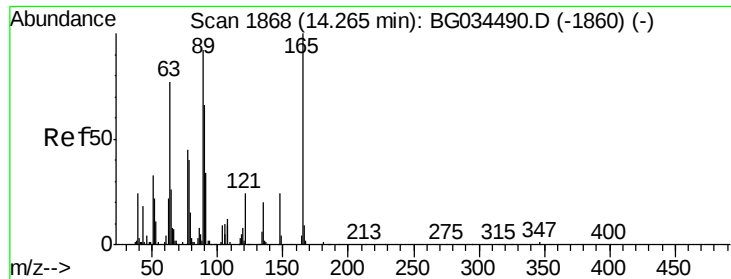
Abundance

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

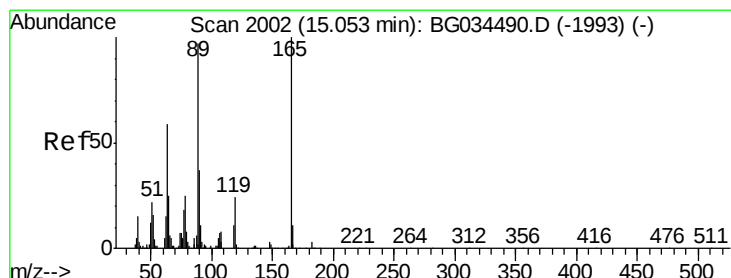
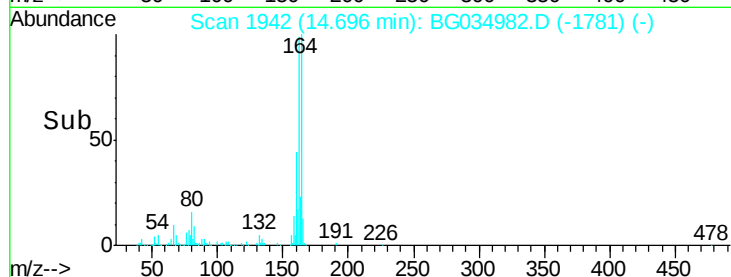
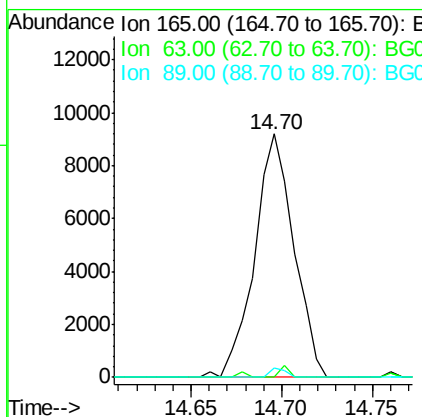
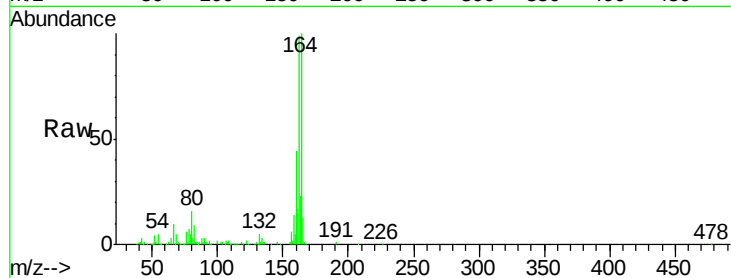




#50
 2,6-Dinitrotoluene
 Concen: 8.256 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. 0.42 min
 Lab File: BG034982.D
 Acq: 8 Jun 2018 11:01

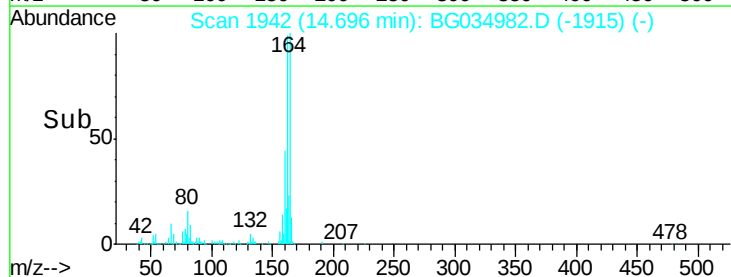
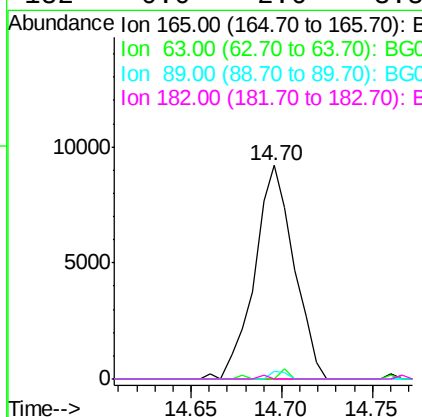
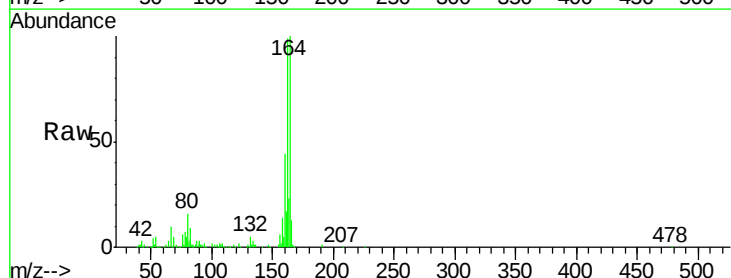
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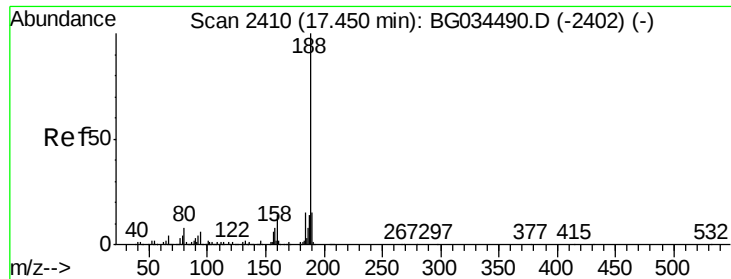
Tot Ion:165 Resp: 13917
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.9 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.215 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.37 min
 Lab File: BG034982.D
 Acq: 8 Jun 2018 11:01

Tgt Ion:165 Resp: 13917
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.9 66.9 100.3#
 182 0.0 2.6 3.8#





#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

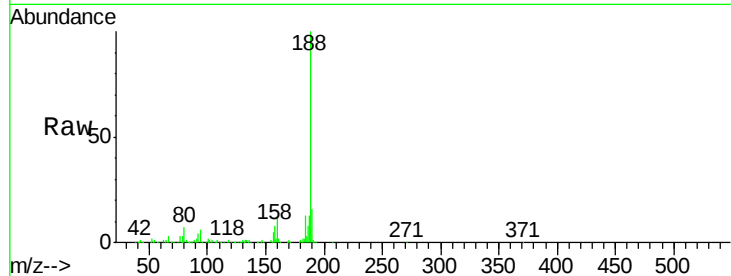
Tot Ion:188 Resp: 280550

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

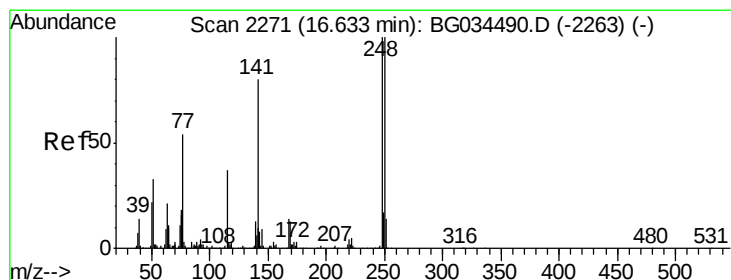
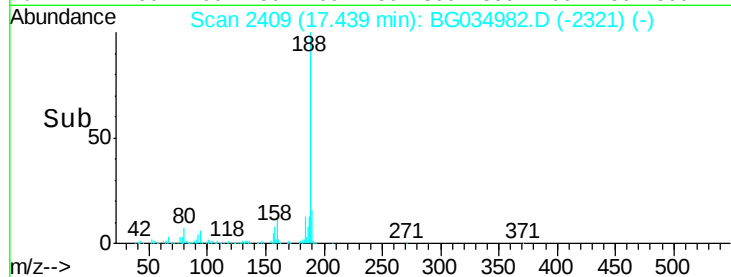
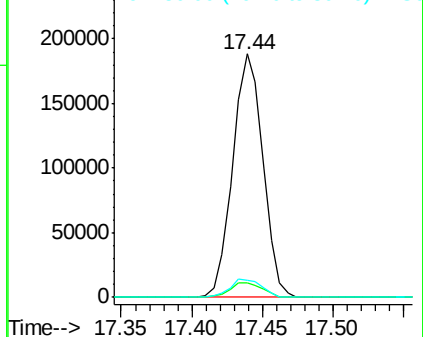
80 7.1 7.7 11.5#



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



#66

4-Bromophenyl-phenylether

Concen: 5.106 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.46 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

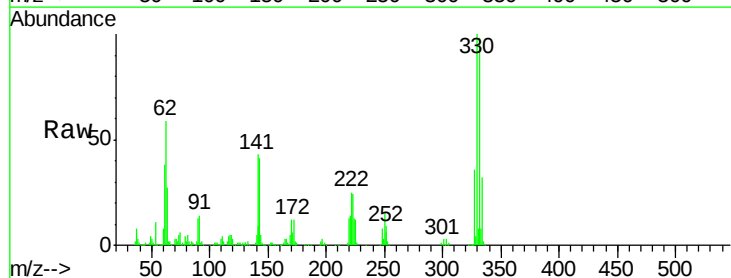
Tgt Ion:248 Resp: 17251

Ion Ratio Lower Upper

248 100

250 198.8 77.1 115.7#

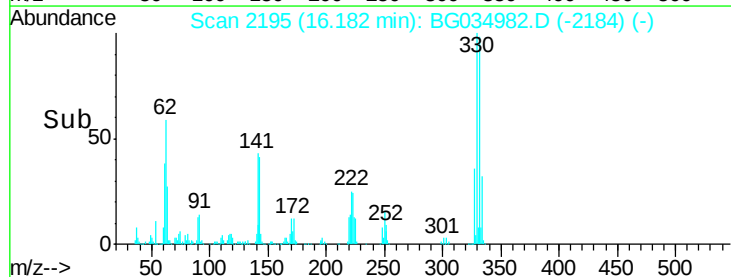
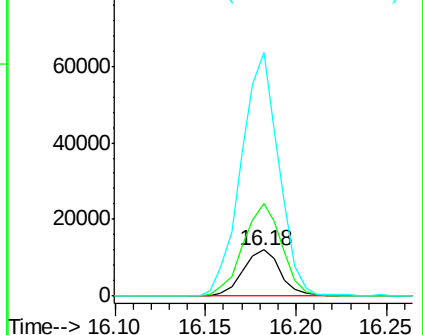
141 525.3 50.8 76.2#

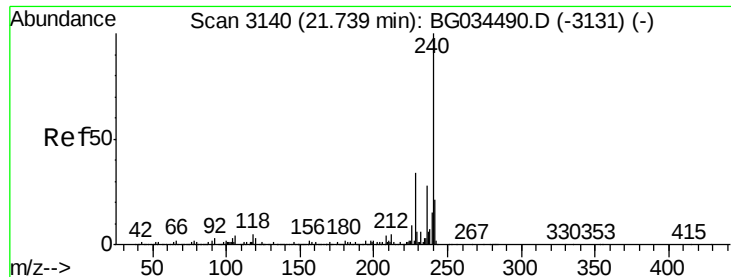


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_G

ClientSampleId :

BS-OILY-STONE-RO-156

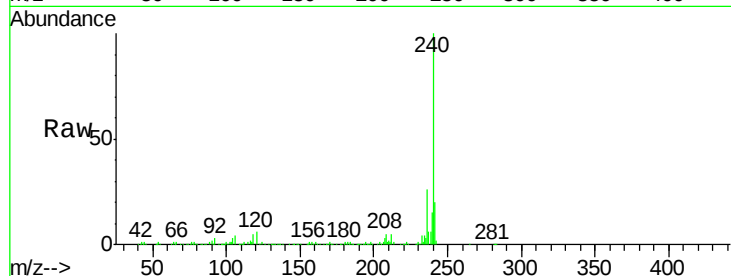
Tot Ion:240 Resp: 323141

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

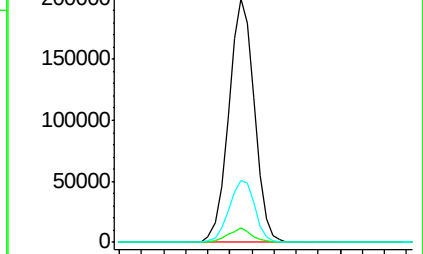
236 25.5 20.9 31.3



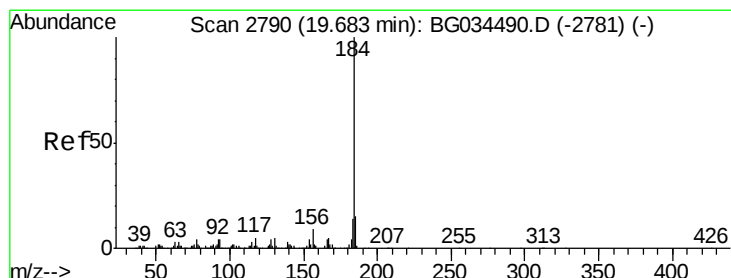
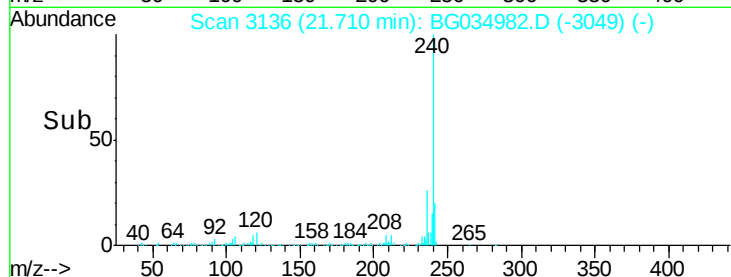
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80



#76

Benzidine

Concen: 2.371 ng

RT: 20.05 min Scan# 2854

Delta R.T. 0.38 min

Lab File: BG034982.D

Acq: 8 Jun 2018 11:01

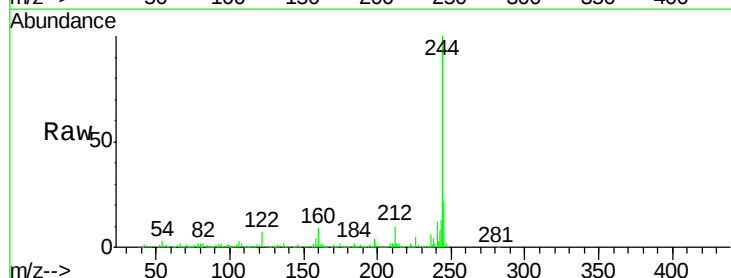
Tgt Ion:184 Resp: 28505

Ion Ratio Lower Upper

184 100

185 12.9 11.1 16.7

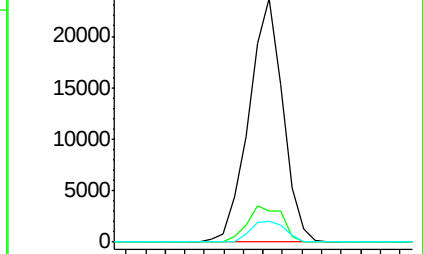
183 8.6 10.6 16.0#



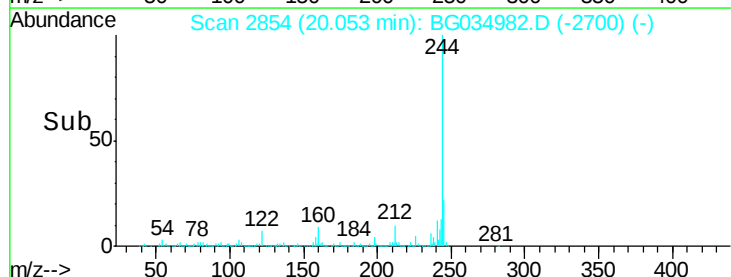
Abundance Ion 184.00 (183.70 to 184.70): E

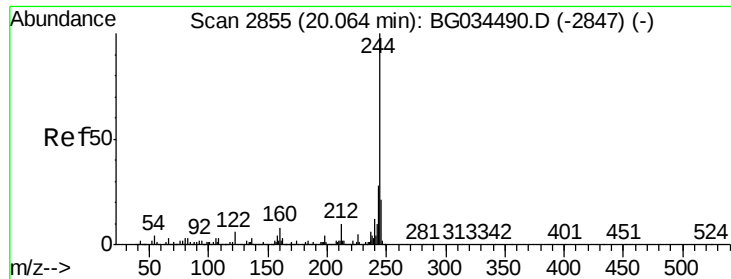
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 20.00 20.05 20.10





#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

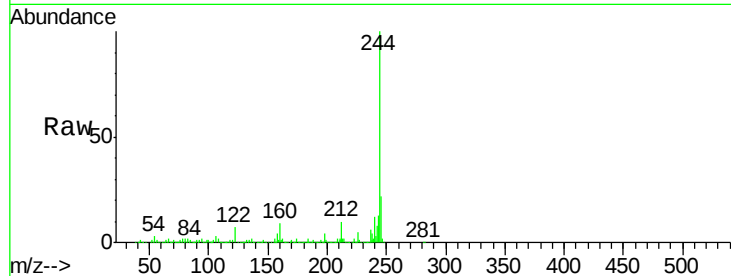
Tot Ion:244 Resp: 1488264

Ion Ratio Lower Upper

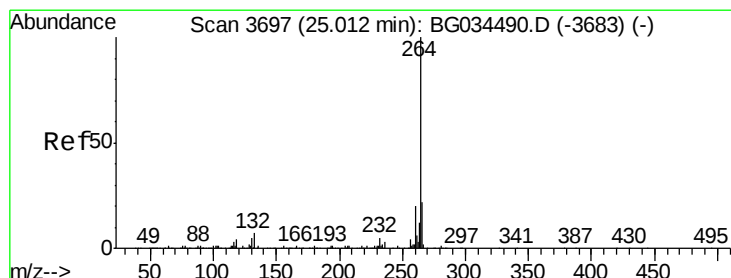
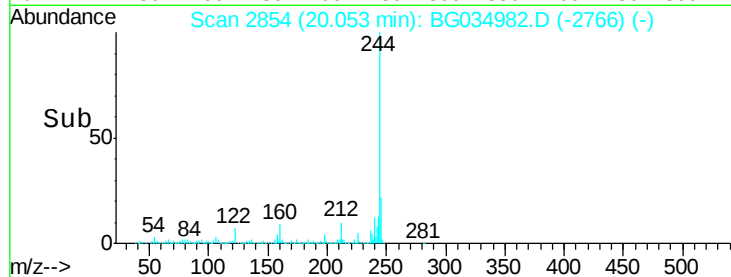
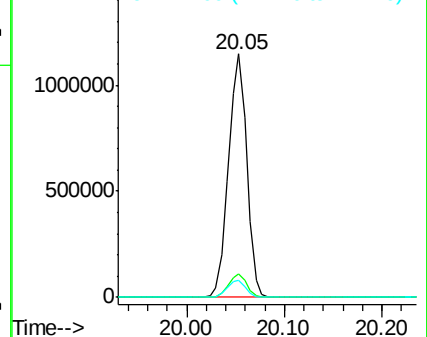
244 100

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

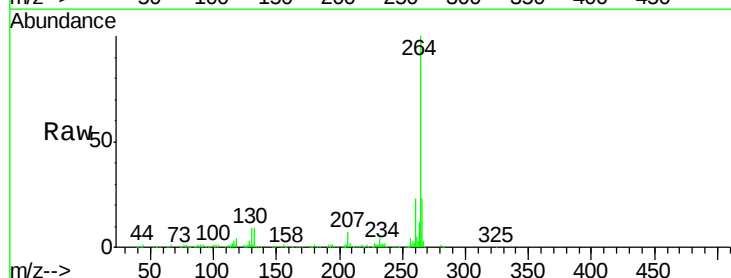
Tgt Ion:264 Resp: 306812

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

