

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070218\
 Data File : BG035579.D
 Acq On : 3 Jul 2018 9:58
 Operator : JU/SJ
 Sample : J3796-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-SOIL

Quant Time: Jul 03 11:15:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

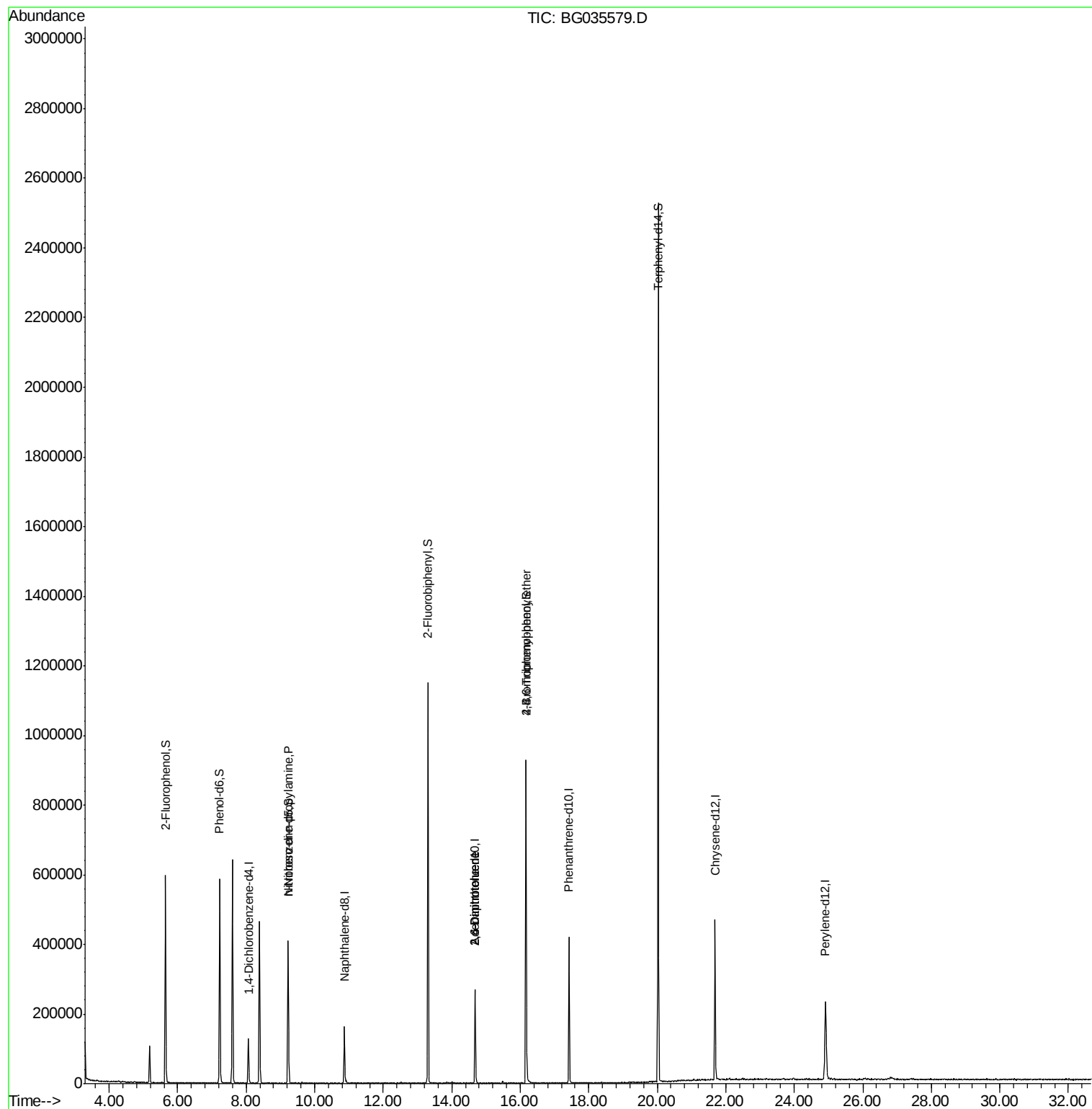
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	36336	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	134916	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	94351	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	262766	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	295038	20.00	ng	-0.03
86) Perylene-d12	24.91	264	269226	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	264786	122.98	ng	0.00
7) Phenol-d6	7.23	99	350048	110.15	ng	0.00
23) Nitrobenzene-d5	9.22	82	272214	95.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	179810	148.87	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	612062	84.33	ng	-0.02
78) Terphenyl-d14	20.03	244	1224945	86.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	36659	13.578	ng	# 68
50) 2,6-Dinitrotoluene	14.68	165	13726	9.145	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	13726	6.884	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	14382	4.545	ng	# 1

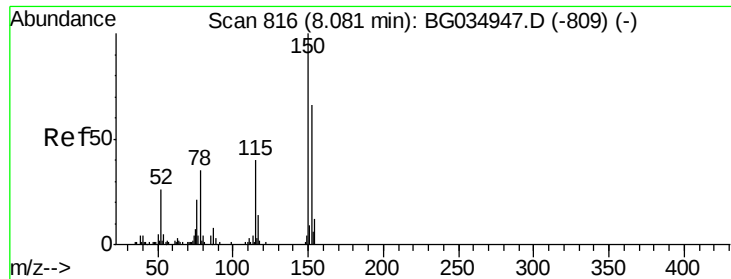
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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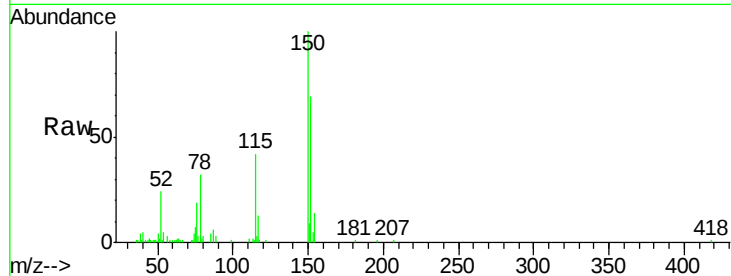


#1

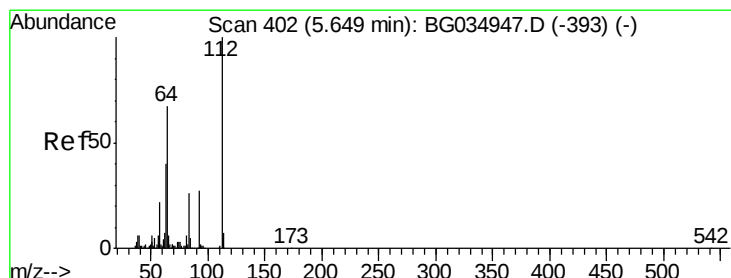
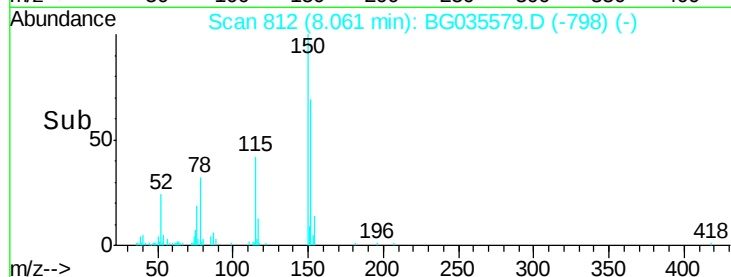
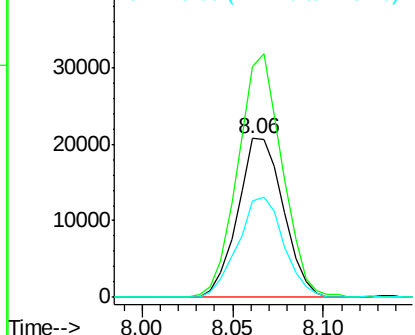
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035579.D
Acq: 3 Jul 2018 9:58

Instrument :
BNA_G
ClientSampleId :
JC-SOIL

Tgt Ion:152 Resp: 36336
Ion Ratio Lower Upper
152 100
150 145.3 126.6 189.8
115 60.5 53.0 79.4



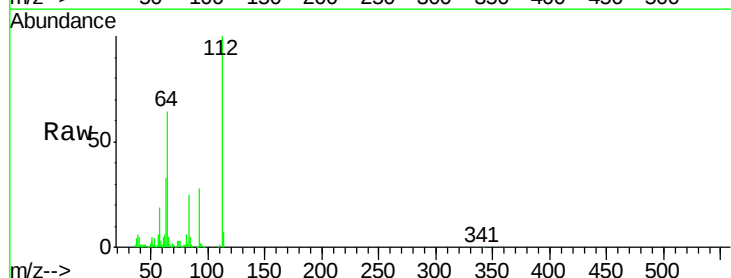
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



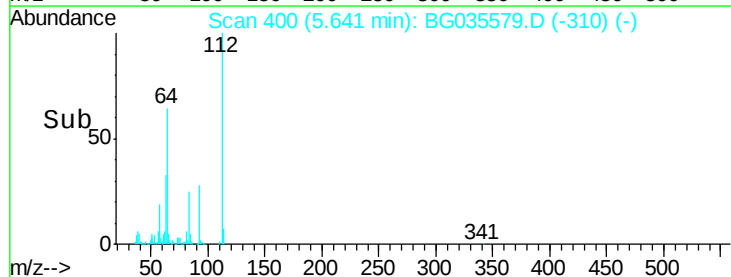
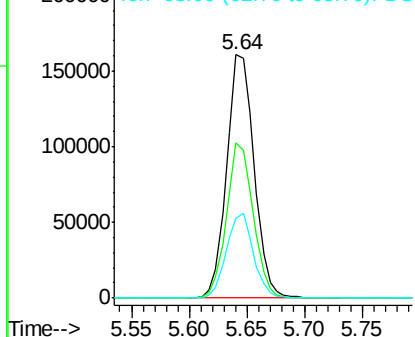
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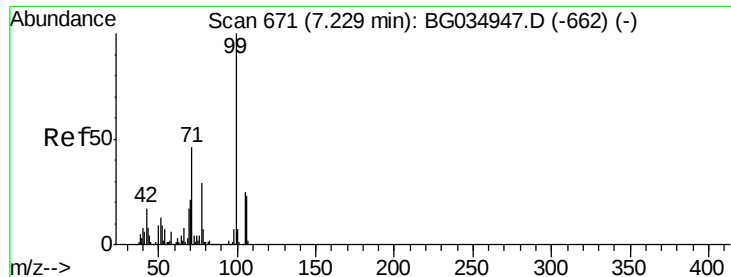
2-Fluorophenol
Concen: 122.979 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035579.D
Acq: 3 Jul 2018 9:58

Tgt Ion:112 Resp: 264786
Ion Ratio Lower Upper
112 100
64 63.8 56.3 84.5
63 32.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 110.152 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035579.D

Acq: 3 Jul 2018 9:58

Instrument :

BNA_G

ClientSampled :

JC-SOIL

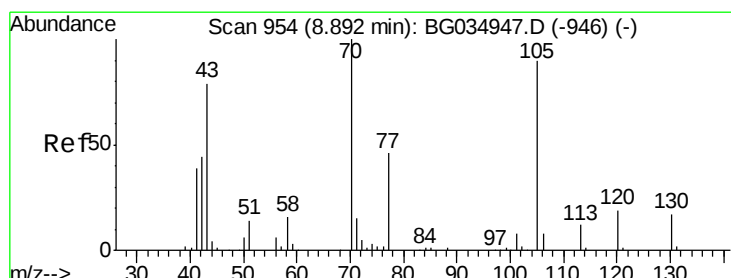
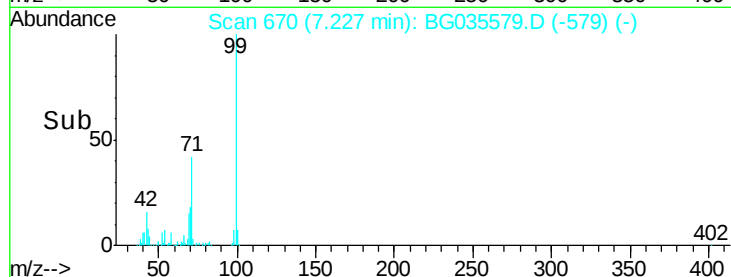
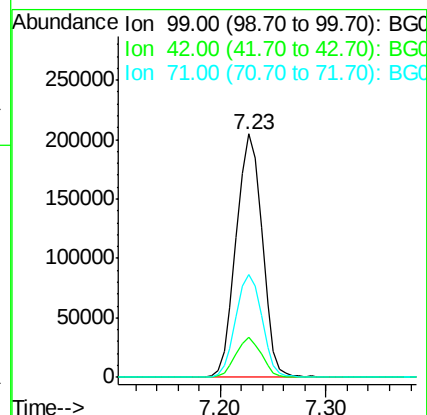
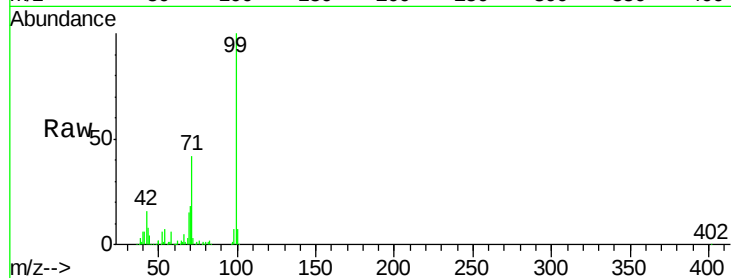
Tgt Ion: 99 Resp: 350048

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 42.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.578 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035579.D

Acq: 3 Jul 2018 9:58

Tgt Ion: 70 Resp: 36659

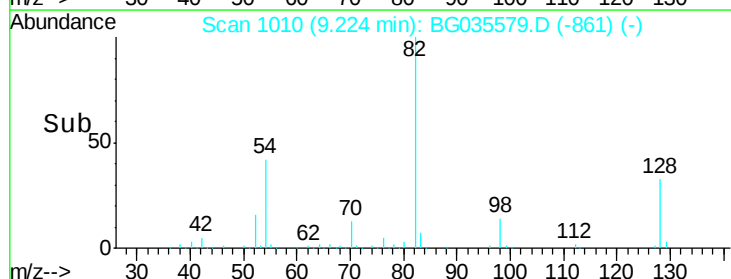
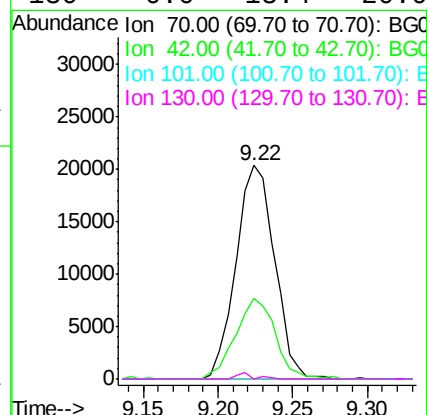
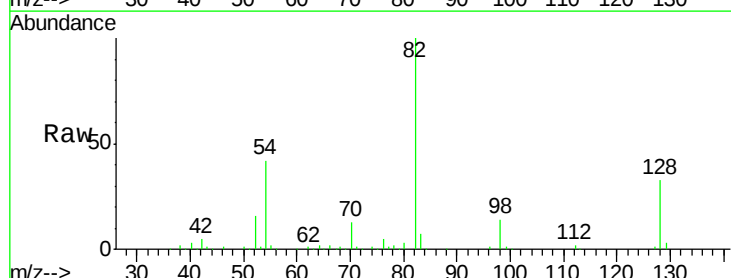
Ion Ratio Lower Upper

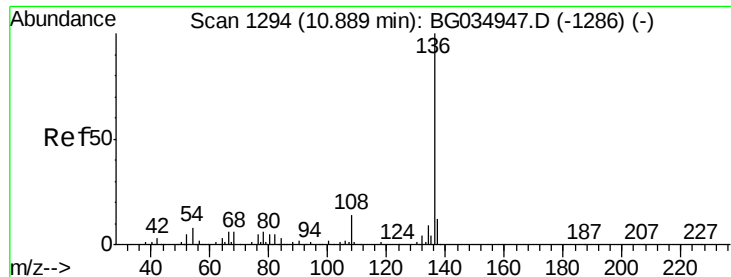
70 100

42 37.8 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

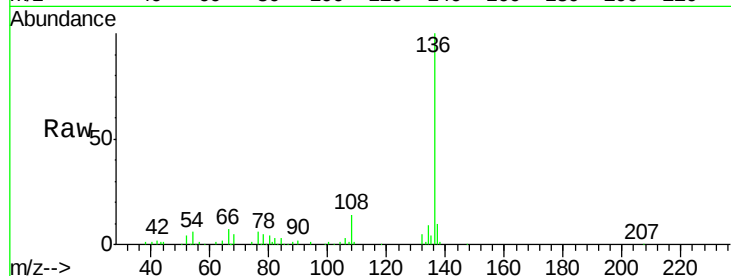




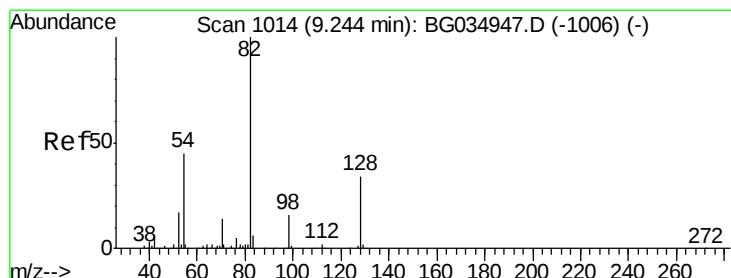
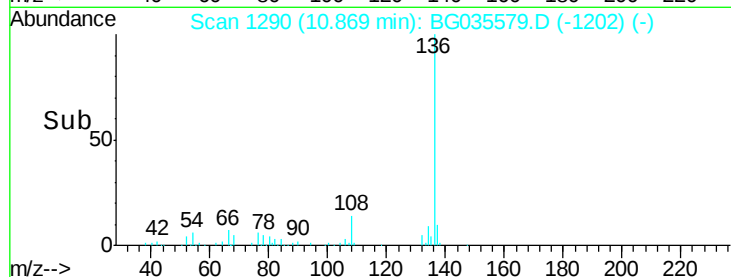
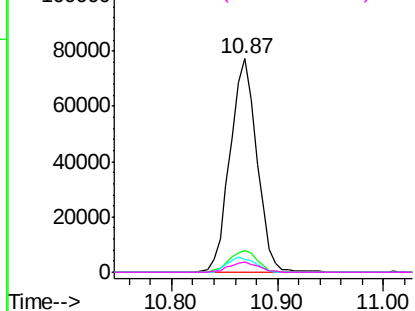
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035579.D
Acq: 3 Jul 2018 9:58

Instrument :
BNA_G
ClientSampleId :
JC-SOIL

Tgt Ion:	136	Resp:	134916
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	6.2	10.3	15.5#
68	4.9	4.5	6.7

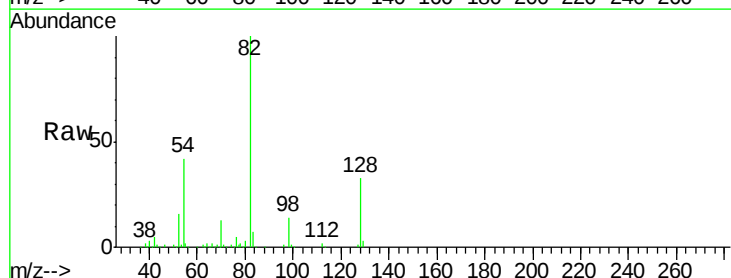


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

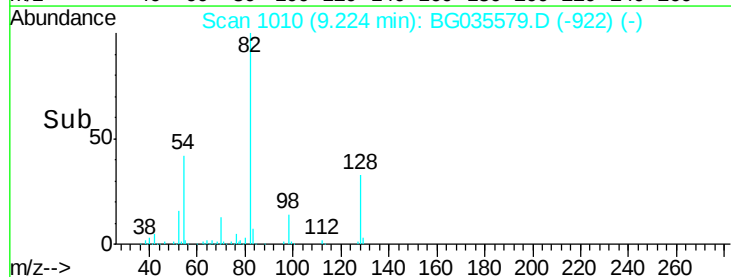
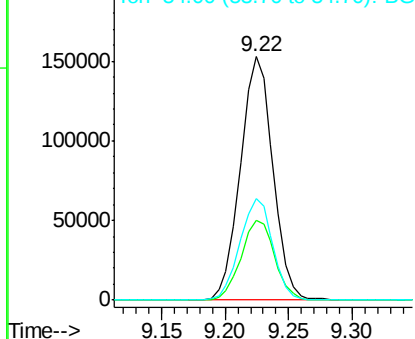


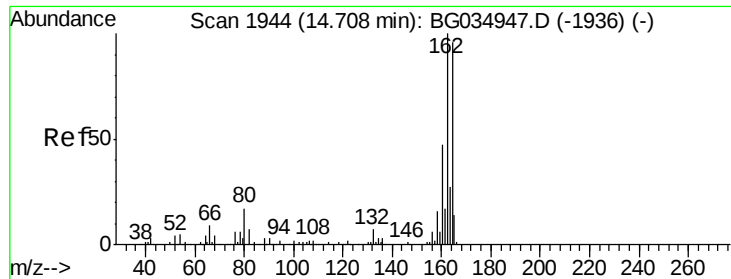
#23
Nitrobenzene-d5
Concen: 95.908 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035579.D
Acq: 3 Jul 2018 9:58

Tgt Ion:	82	Resp:	272214
Ion	Ratio	Lower	Upper
82	100		
128	33.0	29.7	44.5
54	41.5	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

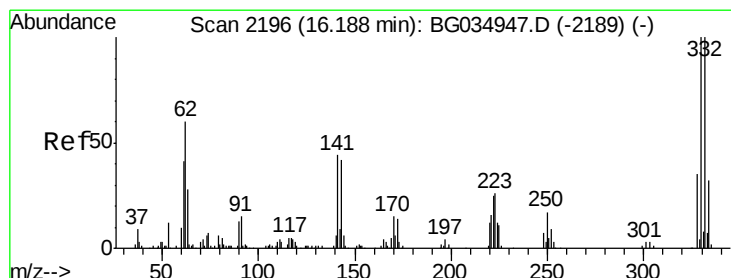
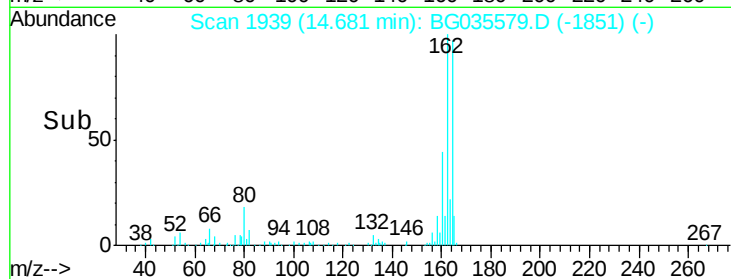
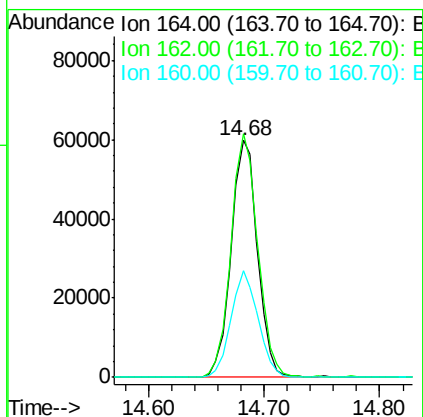
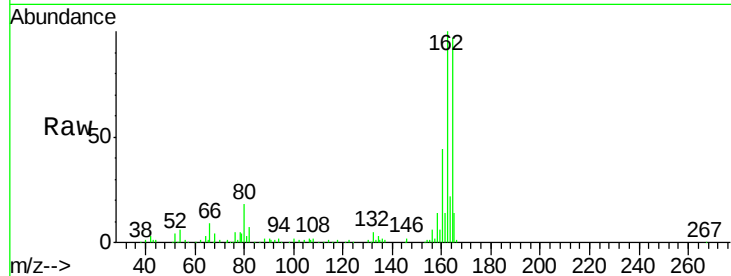




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035579.D
 Acq: 3 Jul 2018 9:58

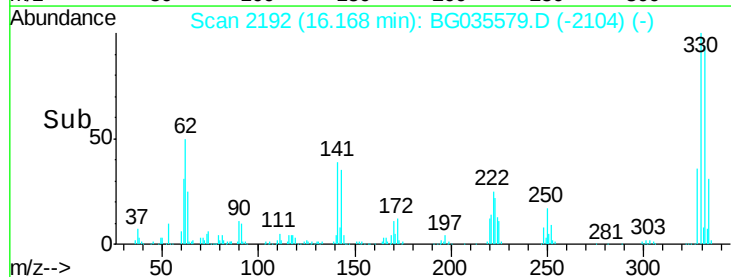
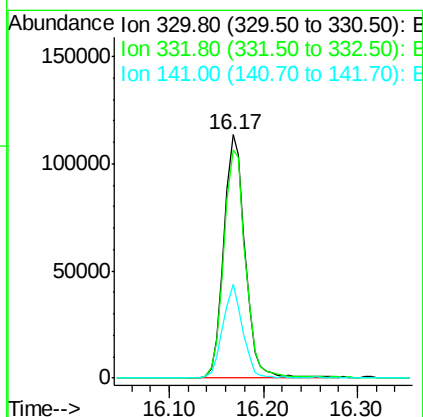
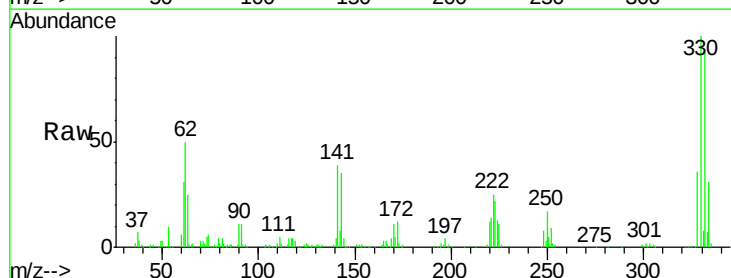
Instrument :
 BNA_G
 ClientSampleId :
 JC-SOIL

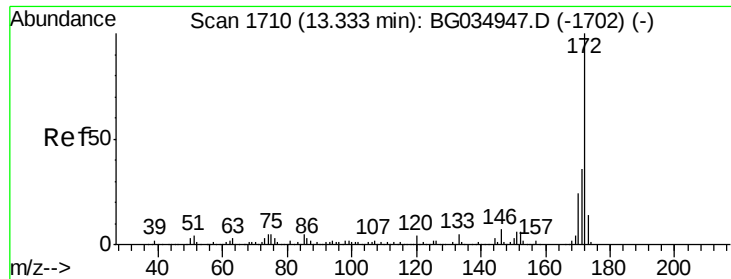
Tgt Ion:164 Resp: 94351
 Ion Ratio Lower Upper
 164 100
 162 102.8 78.8 118.2
 160 45.1 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 148.872 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035579.D
 Acq: 3 Jul 2018 9:58

Tgt Ion:330 Resp: 179810
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 36.2 25.2 37.8

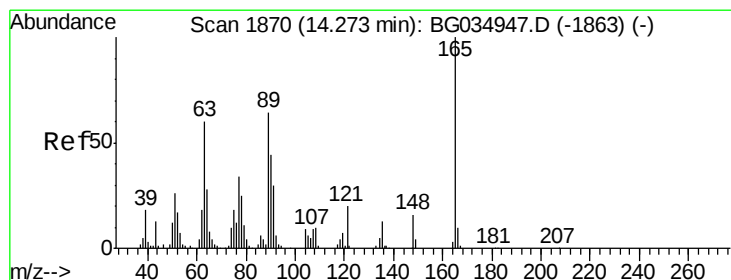
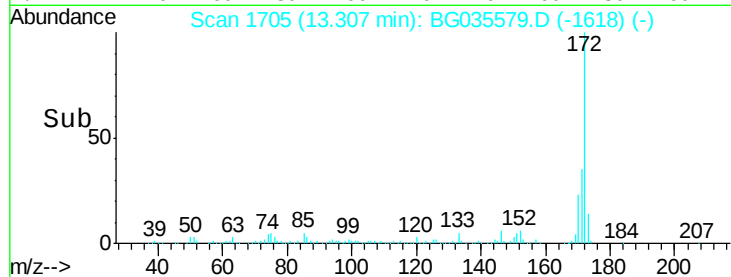
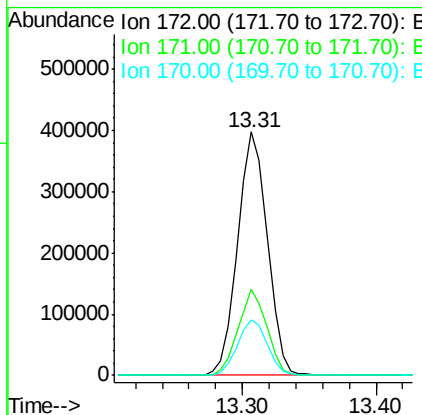
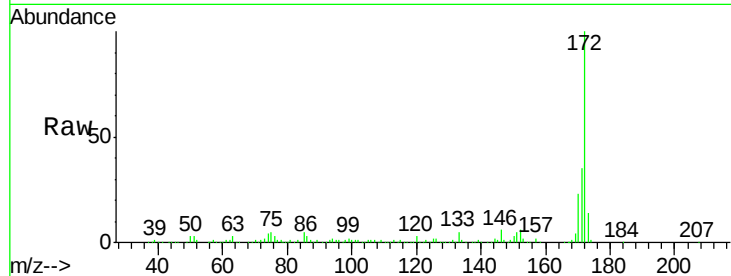




#44
 2-Fluorobiphenyl
 Concen: 84.332 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035579.D
 Acq: 3 Jul 2018 9:58

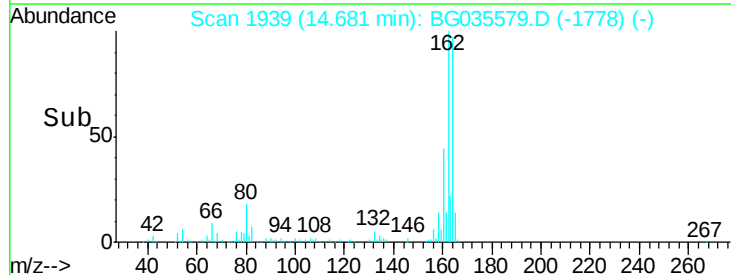
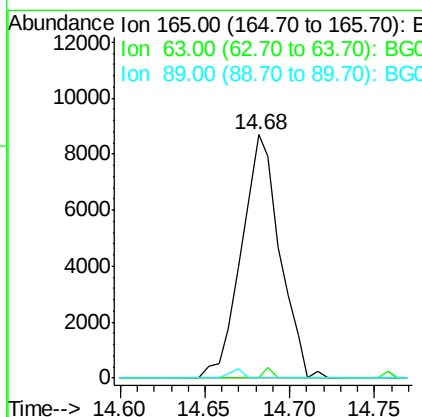
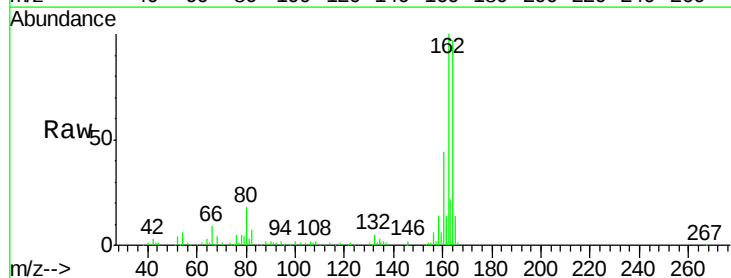
Instrument :
 BNA_G
 ClientSampleId :
 JC-SOIL

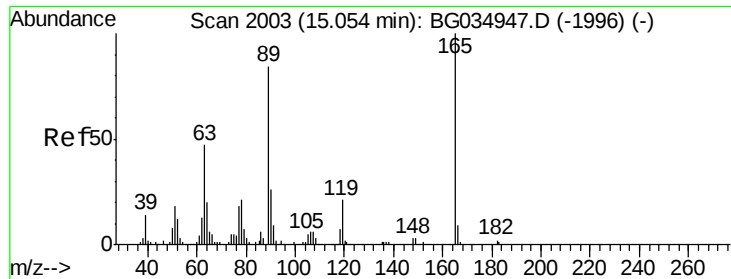
Tgt Ion:172 Resp: 612062
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 22.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 9.145 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035579.D
 Acq: 3 Jul 2018 9:58

Tgt Ion:165 Resp: 13726
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 6.884 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.37 min

Lab File: BG035579.D

Acq: 3 Jul 2018 9:58

Instrument :

BNA_G

ClientSampleId :

JC-SOIL

Tgt Ion:165 Resp: 13726

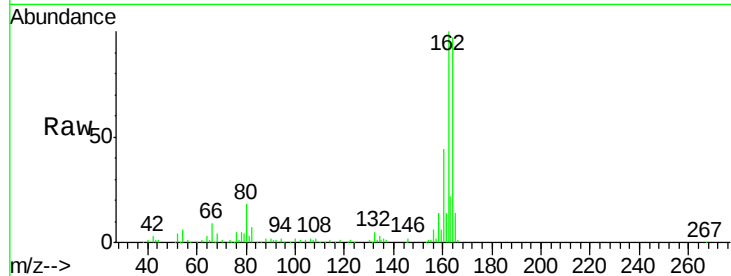
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

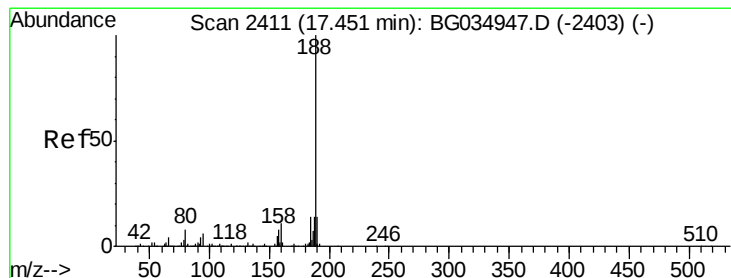
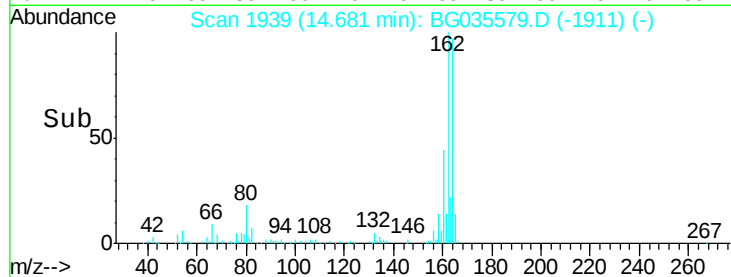
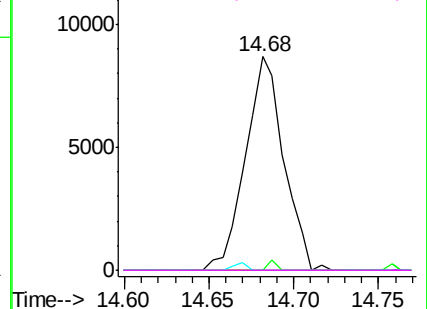


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035579.D

Acq: 3 Jul 2018 9:58

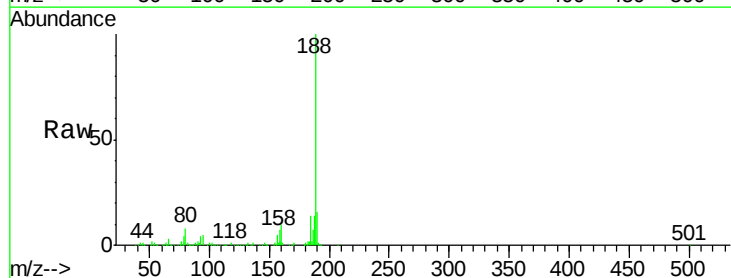
Tgt Ion:188 Resp: 262766

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

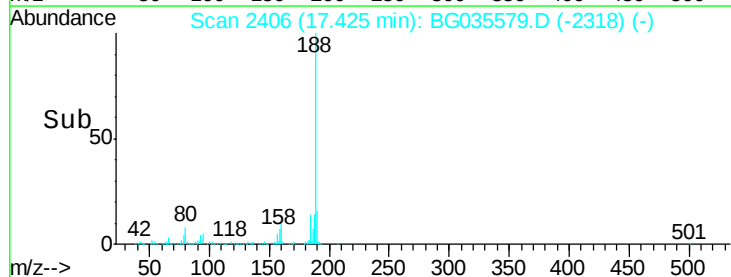
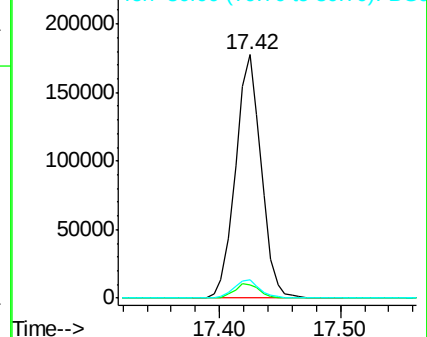
80 7.5 7.7 11.5#

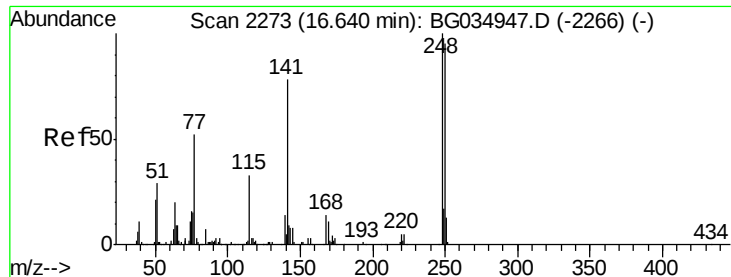


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

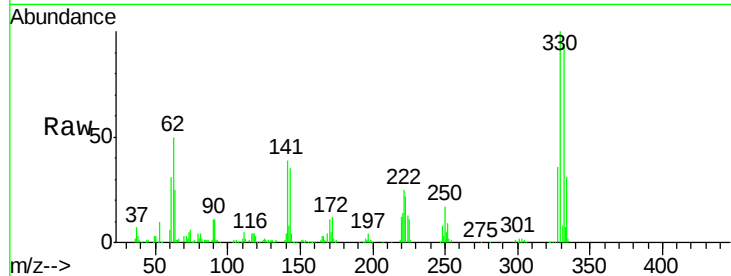




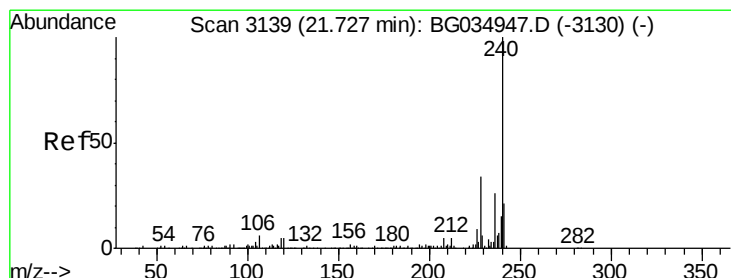
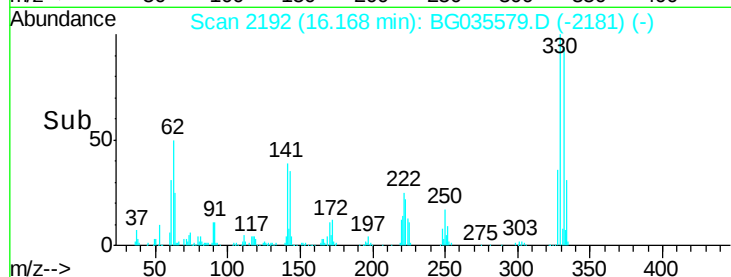
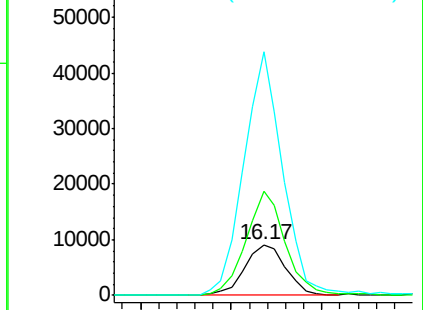
#66
4-Bromophenyl-phenylether
Concen: 4.545 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035579.D
Acq: 3 Jul 2018 9:58

Instrument :
BNA_G
ClientSampled :
JC-SOIL

Tgt Ion:248 Resp: 14382
Ion Ratio Lower Upper
248 100
250 205.7 77.1 115.7#
141 479.3 50.8 76.2#

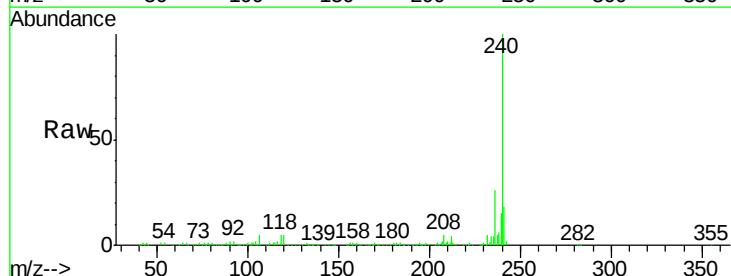


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

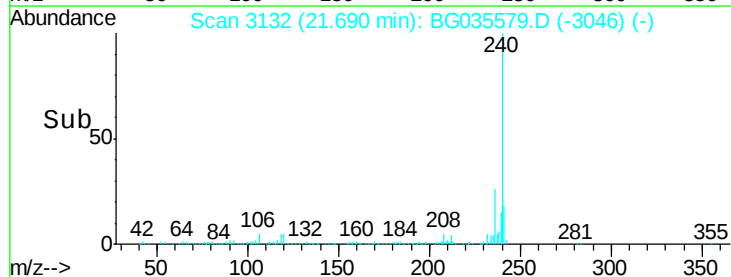
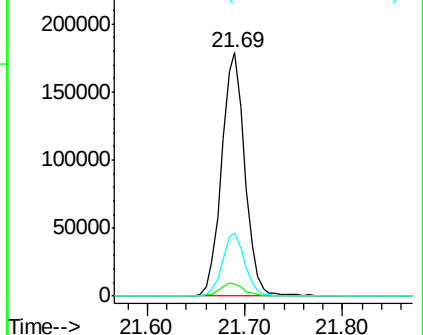


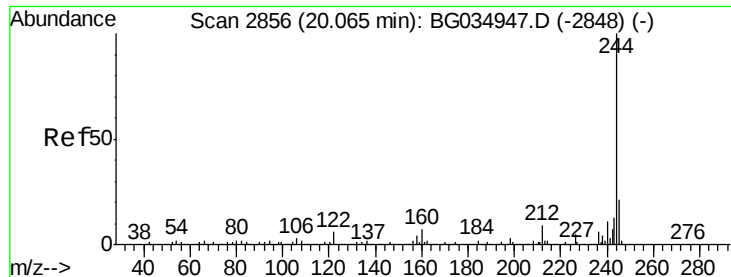
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035579.D
Acq: 3 Jul 2018 9:58

Tgt Ion:240 Resp: 295038
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 25.8 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: 86.967 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035579.D

Acq: 3 Jul 2018 9:58

Instrument :

BNA_G

ClientSampleId :

JC-SOIL

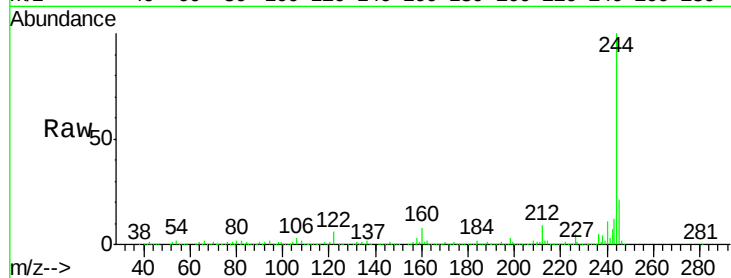
Tgt Ion:244 Resp: 1224945

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

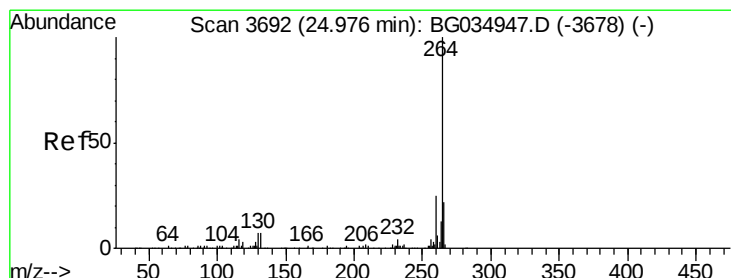
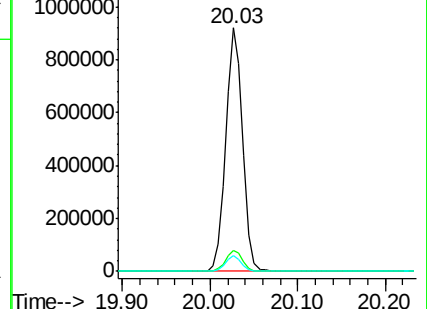
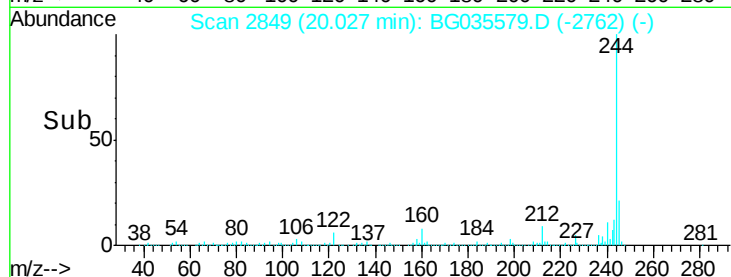
122 6.4 7.0 10.4#



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: 24.91 min Scan# 3680

Delta R.T. -0.04 min

Lab File: BG035579.D

Acq: 3 Jul 2018 9:58

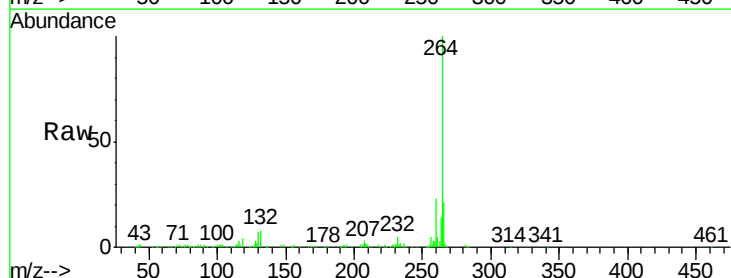
Tgt Ion:264 Resp: 269226

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.4 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

