

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
 Data File : BG035769.D
 Acq On : 20 Jul 2018 3:55
 Operator : JU/SJ
 Sample : J4041-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Quant Time: Jul 20 05:53:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

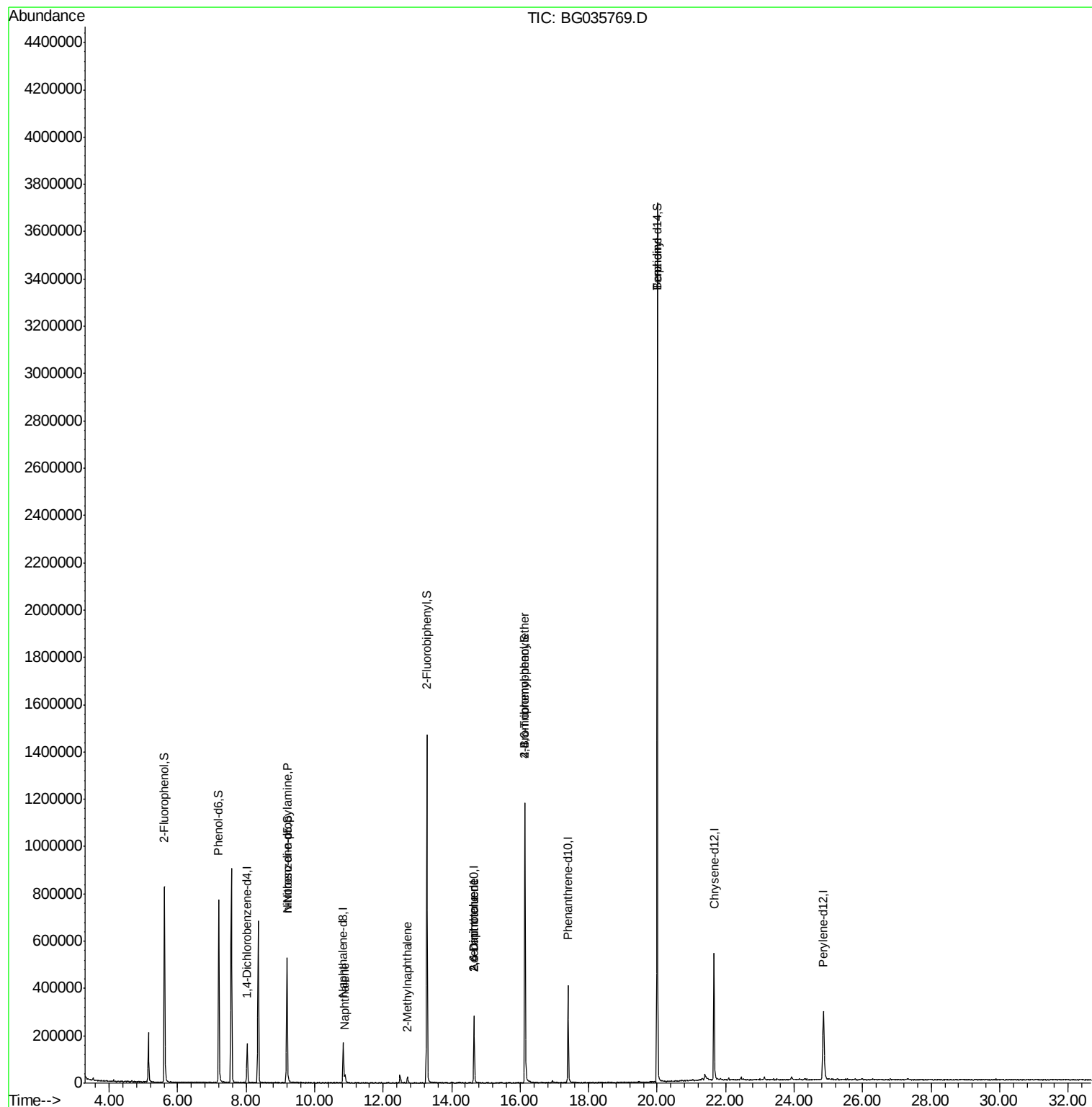
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	45889	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	161502	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	106745	20.00	ng	-0.01
63) Phenanthrene-d10	17.39	188	288541	20.00	ng	-0.01
75) Chrysene-d12	21.66	240	367750	20.00	ng	-0.02
86) Perylene-d12	24.86	264	349561	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	375961	136.02	ng	0.00
7) Phenol-d6	7.20	99	481229	116.69	ng	-0.01
23) Nitrobenzene-d5	9.19	82	369107	95.47	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	228932	162.71	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	824928	103.54	ng	-0.01
78) Terphenyl-d14	20.00	244	1732205	103.83	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	50456	14.530	ng	# 72
31) Naphthalene	10.88	128	28348	3.370	ng	# 94
37) 2-Methylnaphthalene	12.71	142	16040	2.559	ng	# 91
50) 2,6-Dinitrotoluene	14.65	165	14037	7.370	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	14037	5.137	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	19168	5.726	ng	# 1
76) Benzidine	20.00	184	30700	3.175	ng	# 92

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
Data File : BG035769.D
Acq On : 20 Jul 2018 3:55
Operator : JU/SJ
Sample : J4041-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Quant Time: Jul 20 05:53:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration



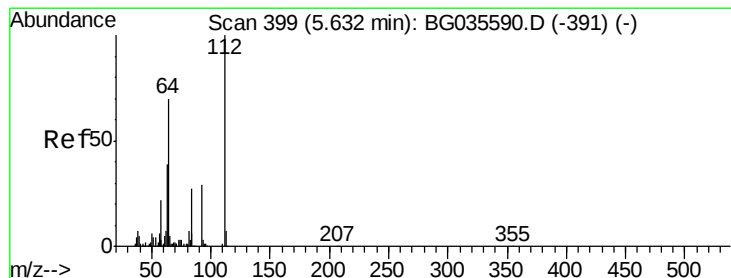
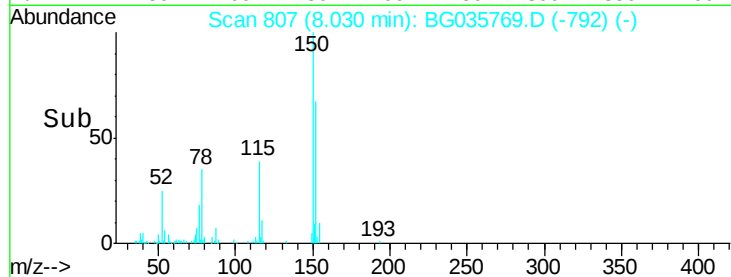
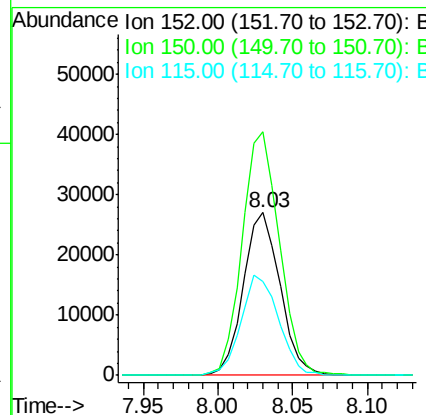
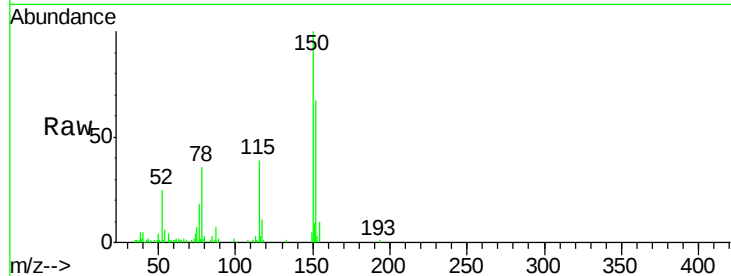


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035769.D
Acq: 20 Jul 2018 3:55

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

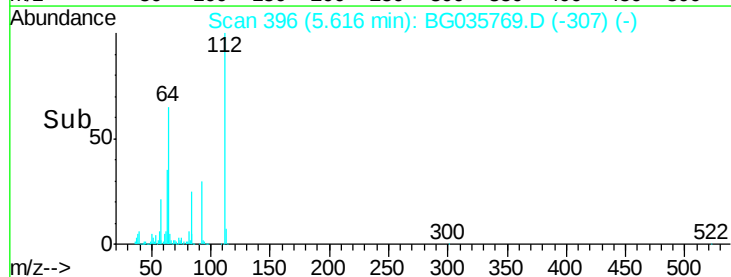
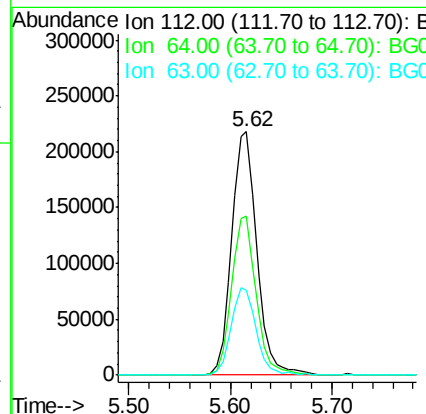
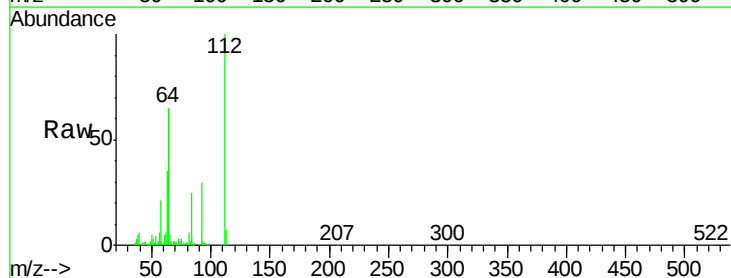
Tgt Ion:152 Resp: 45889
Ion Ratio Lower Upper
152 100
150 150.0 126.6 189.8
115 57.8 53.0 79.4

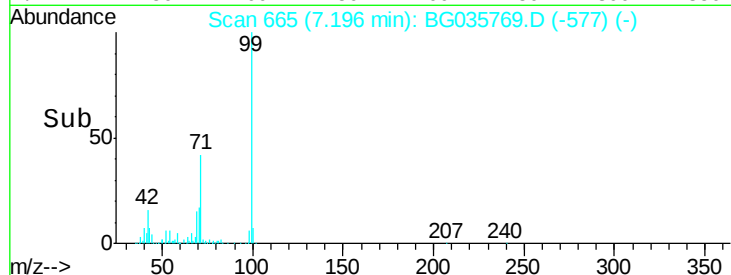
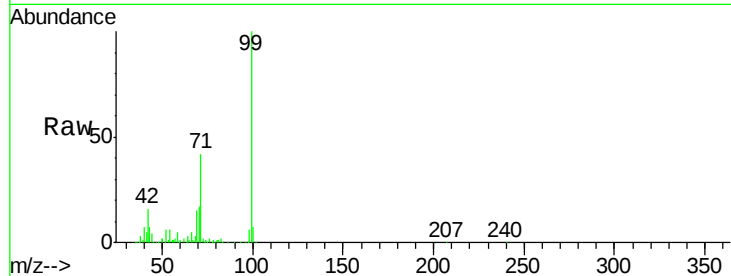


#5

2-Fluorophenol
Concen: 136.020 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG035769.D
Acq: 20 Jul 2018 3:55

Tgt Ion:112 Resp: 375961
Ion Ratio Lower Upper
112 100
64 65.4 56.3 84.5
63 35.0 30.1 45.1





#7

Phenol-d6

Concen: 116.694 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035769.D

Acq: 20 Jul 2018 3:55

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

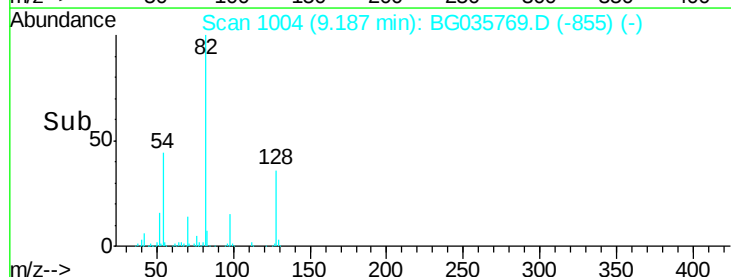
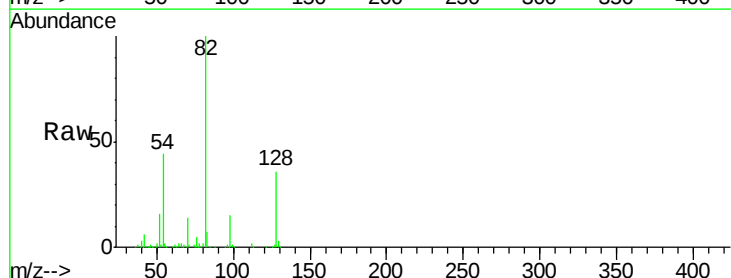
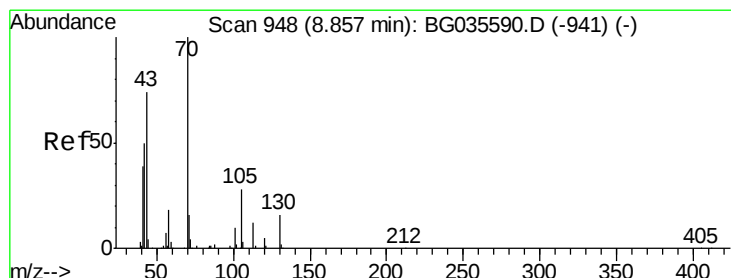
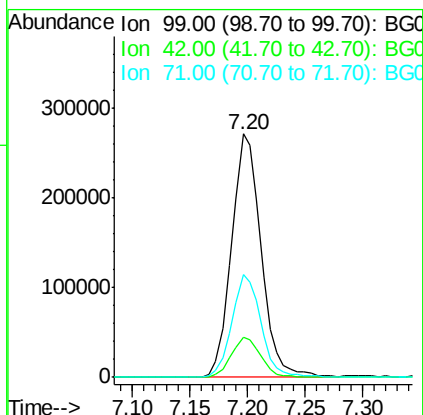
Tgt Ion: 99 Resp: 481229

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 42.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.530 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.35 min

Lab File: BG035769.D

Acq: 20 Jul 2018 3:55

Tgt Ion: 70 Resp: 50456

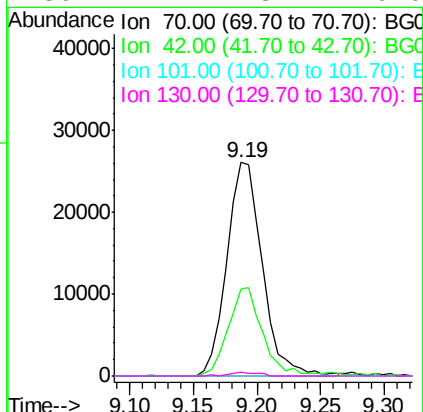
Ion Ratio Lower Upper

70 100

42 40.9 49.1 73.7#

101 0.0 8.5 12.7#

130 1.7 13.4 20.0#

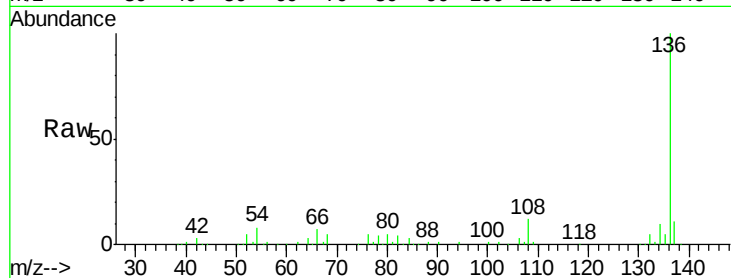




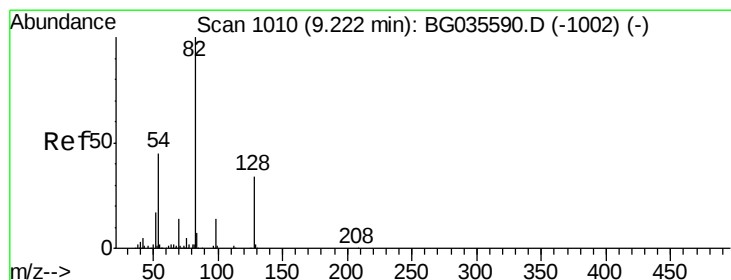
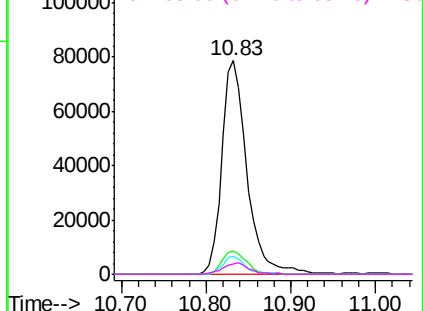
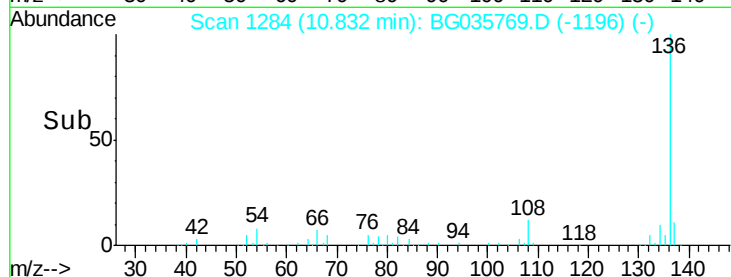
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG035769.D
Acq: 20 Jul 2018 3:55

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:	136	Resp:	161502
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.2	13.8
54	8.3	10.3	15.5#
68	5.1	4.5	6.7

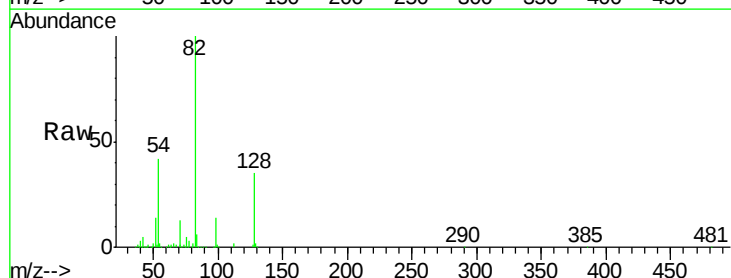


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

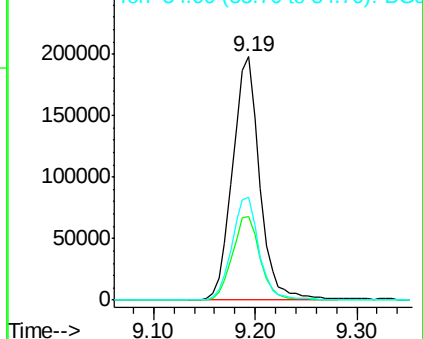
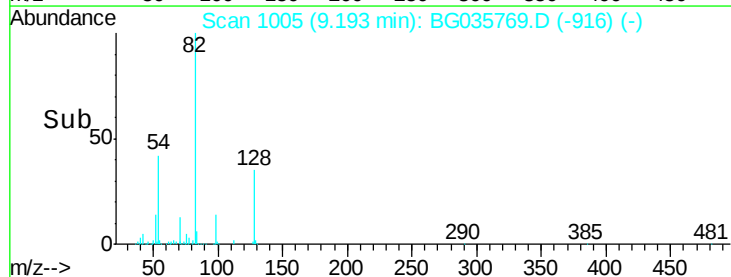


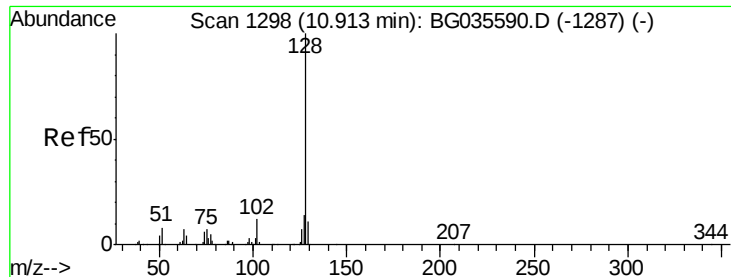
#23
Nitrobenzene-d5
Concen: 95.475 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG035769.D
Acq: 20 Jul 2018 3:55

Tgt Ion:	82	Resp:	369107
Ion Ratio	Lower	Upper	
82	100		
128	34.6	29.7	44.5
54	42.3	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

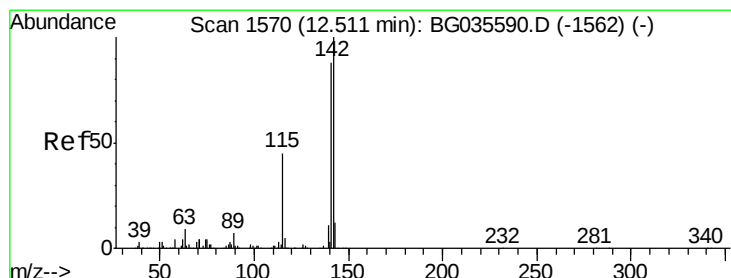
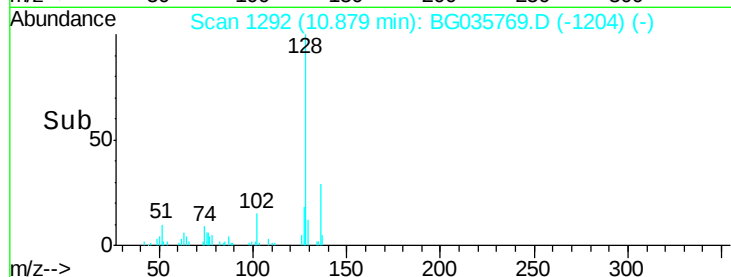
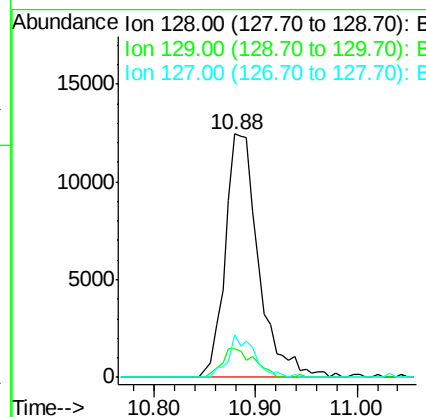
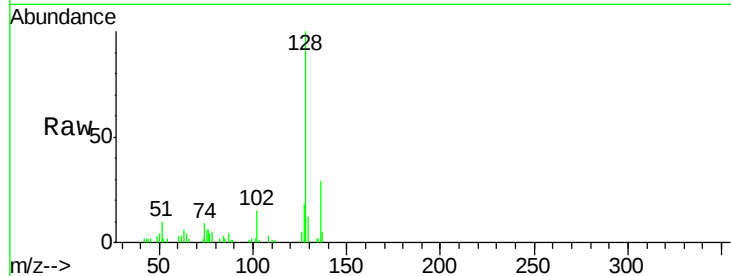




#31
Naphthalene
Concen: 3.370 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG035769.D
Acq: 20 Jul 2018 3:55

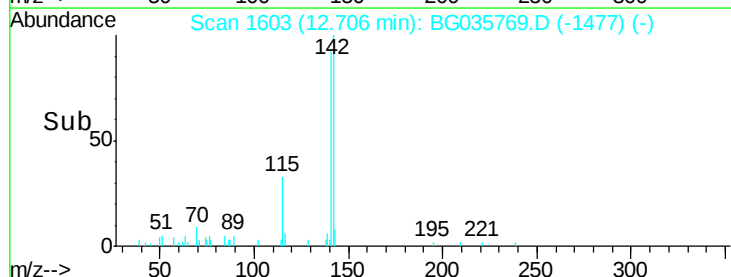
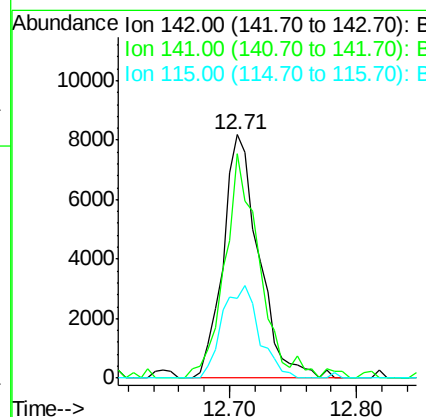
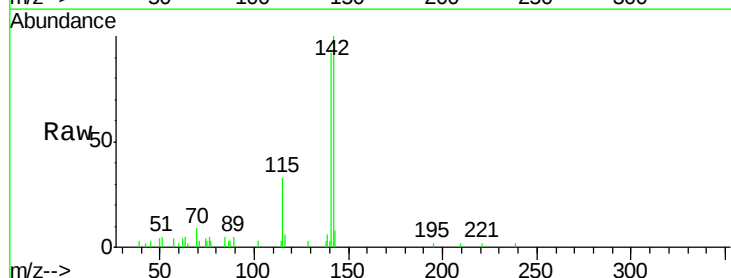
Instrument :
BNA_G
ClientSampleId :
OILY-STONES

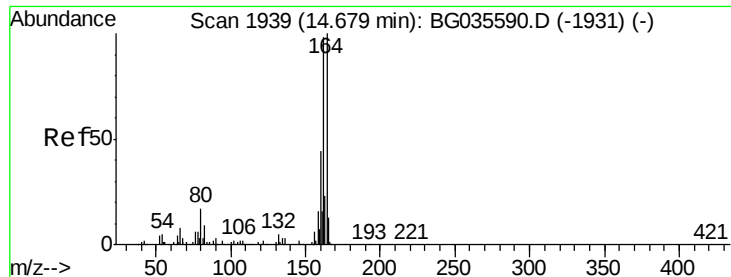
Tgt Ion:128 Resp: 28348
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 17.7 11.6 17.4#



#37
2-Methylnaphthalene
Concen: 2.559 ng
RT: 12.71 min Scan# 1603
Delta R.T. 0.21 min
Lab File: BG035769.D
Acq: 20 Jul 2018 3:55

Tgt Ion:142 Resp: 16040
Ion Ratio Lower Upper
142 100
141 92.1 67.1 100.7
115 32.7 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG035769.D

Acq: 20 Jul 2018 3:55

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

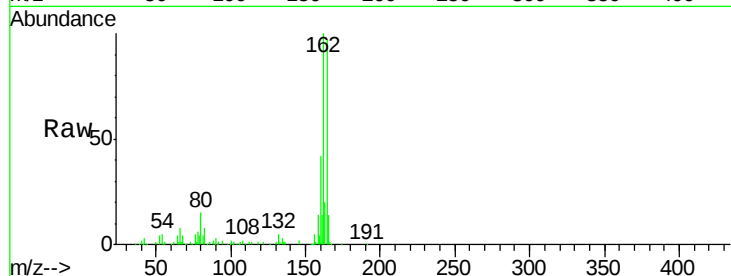
Tgt Ion:164 Resp: 106745

Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

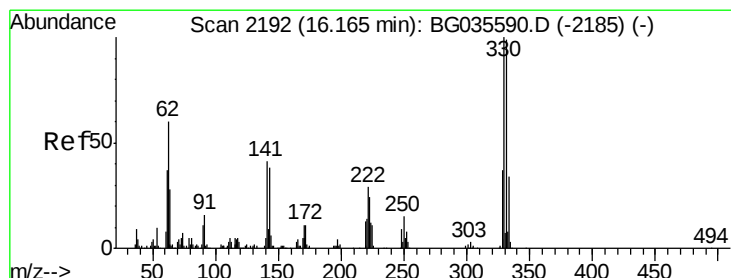
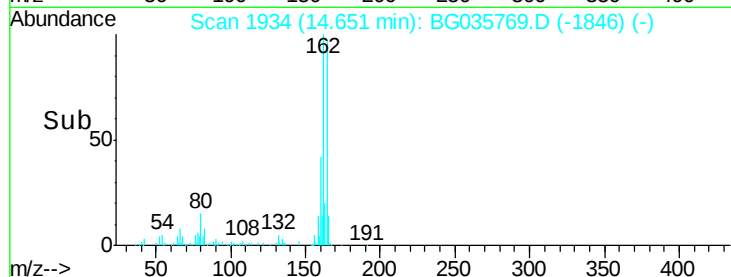
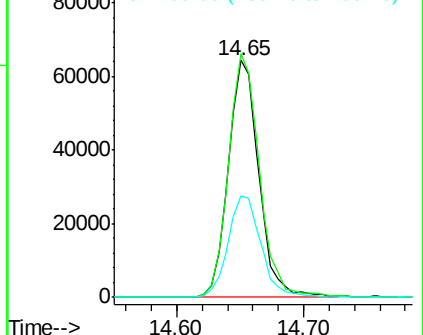
160 43.0 35.4 53.0



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: 162.713 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG035769.D

Acq: 20 Jul 2018 3:55

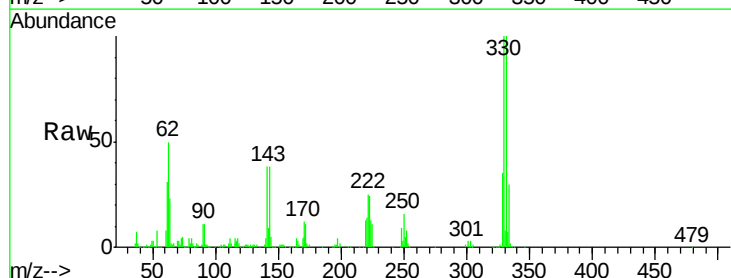
Tgt Ion:330 Resp: 228932

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

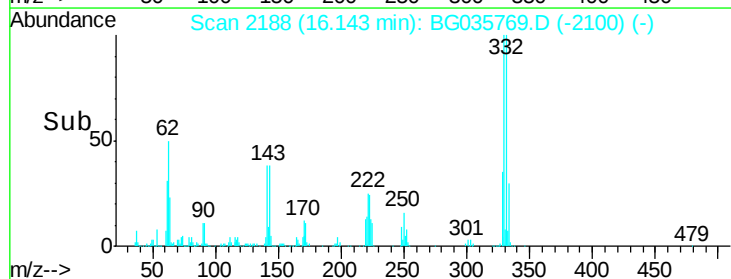
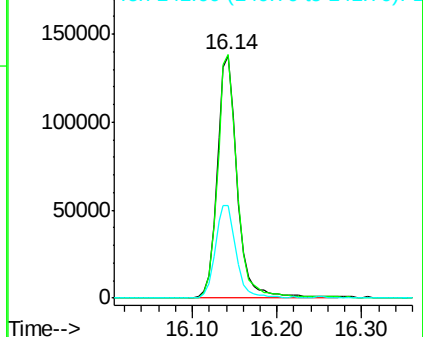
141 40.0 25.2 37.8#

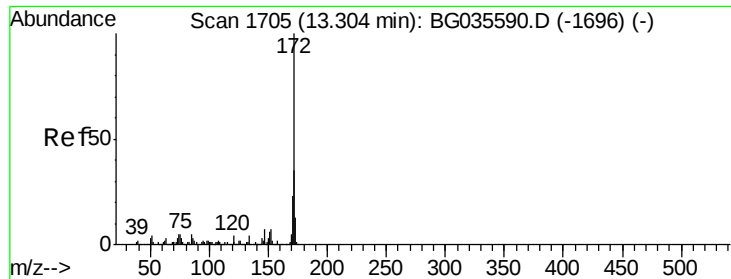


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

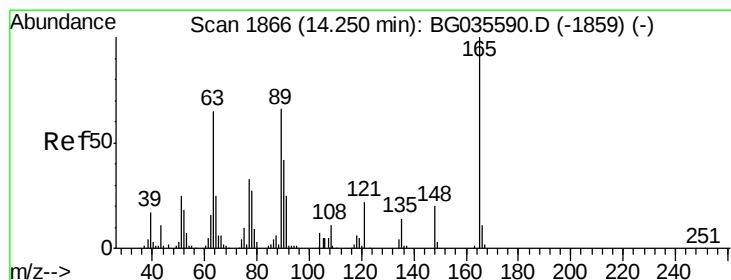
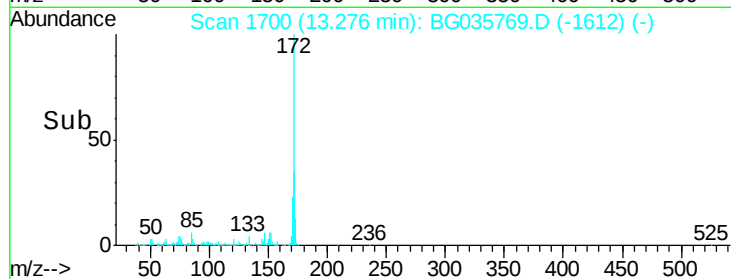
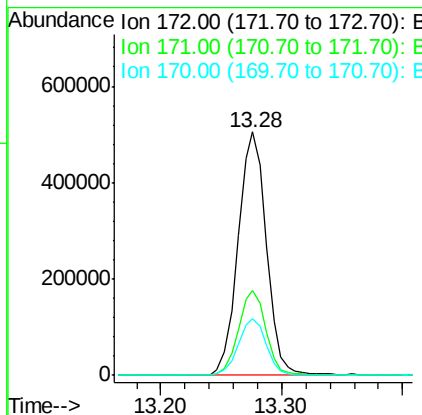
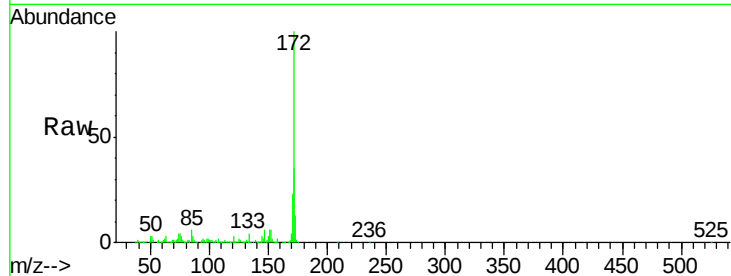




#44
 2-Fluorobiphenyl
 Concen: 103.536 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035769.D
 Acq: 20 Jul 2018 3:55

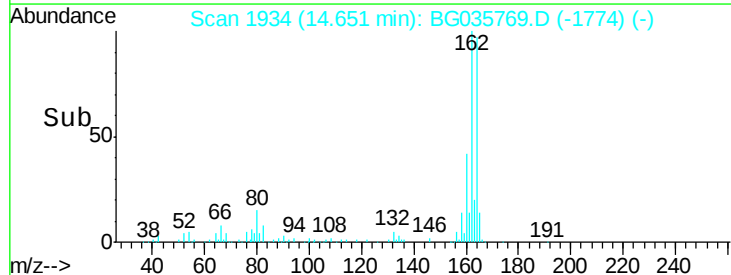
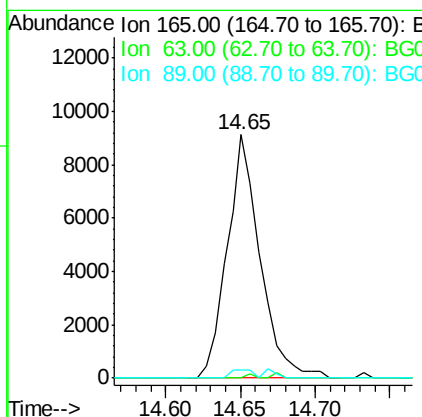
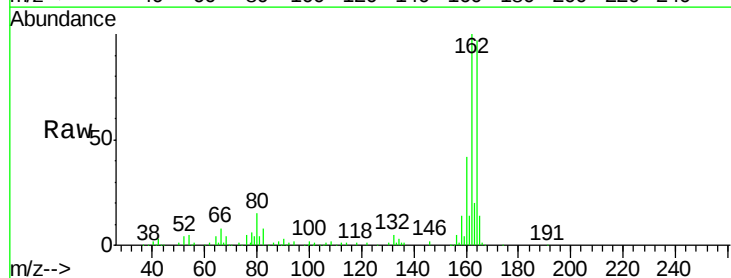
Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

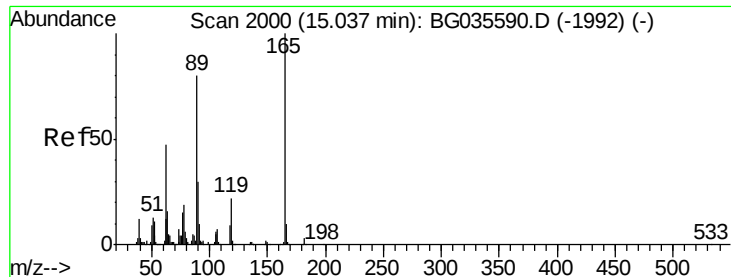
Tgt Ion:172 Resp: 824928
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 23.3 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.370 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.41 min
 Lab File: BG035769.D
 Acq: 20 Jul 2018 3:55

Tgt Ion:165 Resp: 14037
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.2 49.2 73.8#

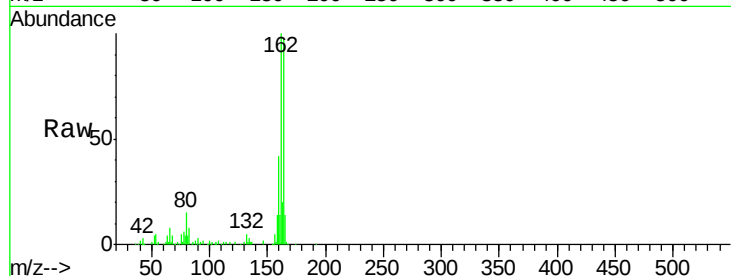




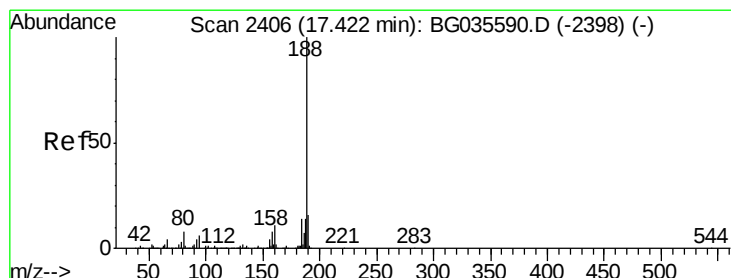
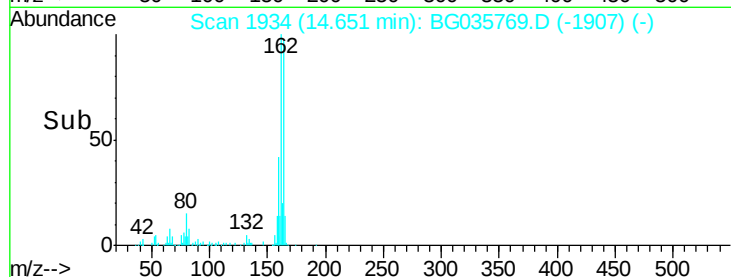
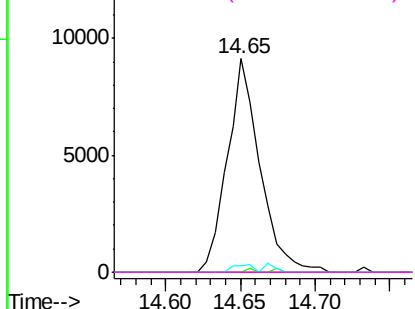
#56
 2,4-Dinitrotoluene
 Concen: 5.137 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035769.D
 Acq: 20 Jul 2018 3:55

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Tgt Ion:165 Resp: 14037
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.2 66.9 100.3#
 182 0.0 2.6 3.8#

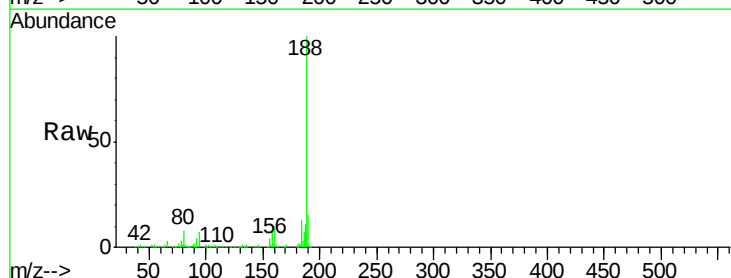


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

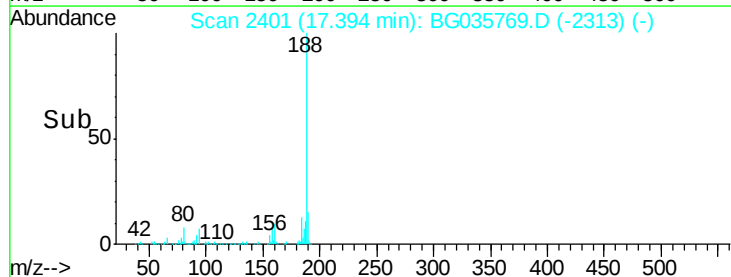
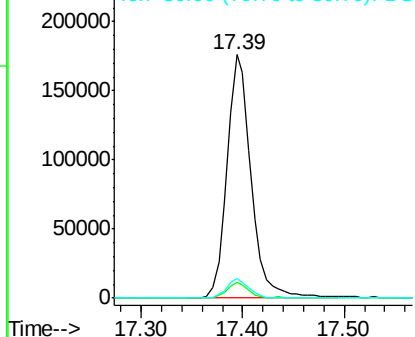


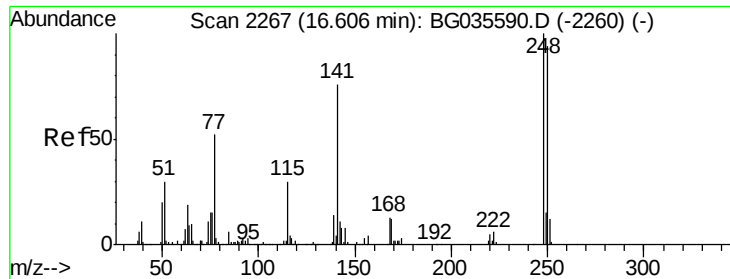
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BG035769.D
 Acq: 20 Jul 2018 3:55

Tgt Ion:188 Resp: 288541
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.9 10.3#
 80 7.8 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

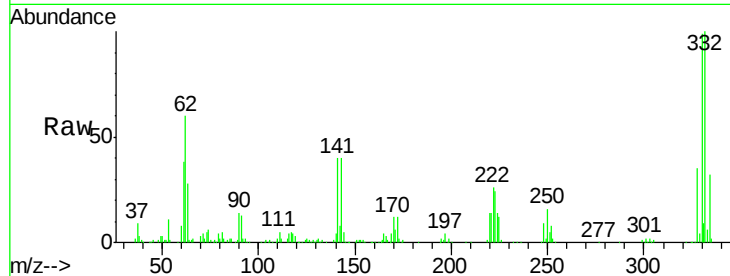




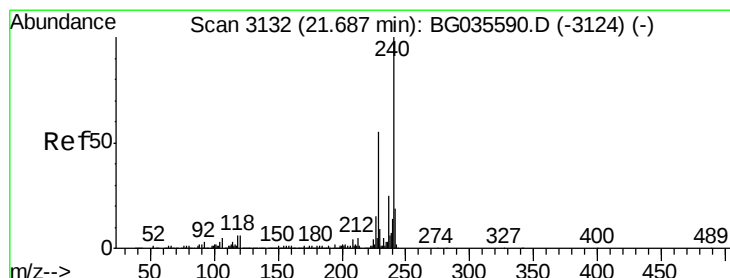
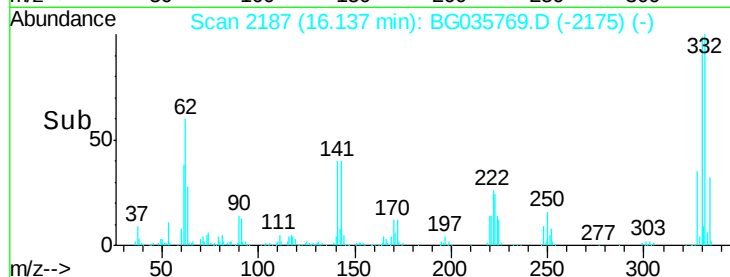
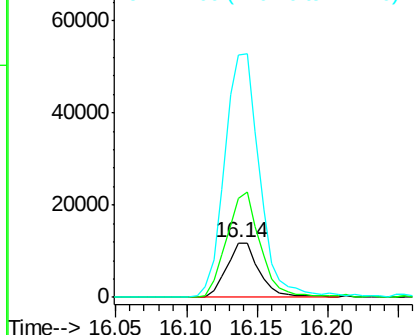
#66
 4-Bromophenyl-phenylether
 Concen: 5.726 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.46 min
 Lab File: BG035769.D
 Acq: 20 Jul 2018 3:55

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Tgt Ion:248 Resp: 19168
 Ion Ratio Lower Upper
 248 100
 250 180.6 77.1 115.7#
 141 444.1 50.8 76.2#

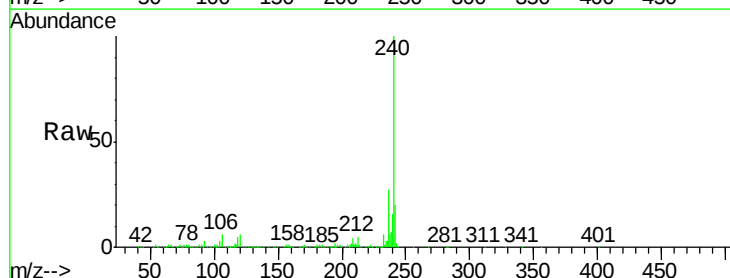


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

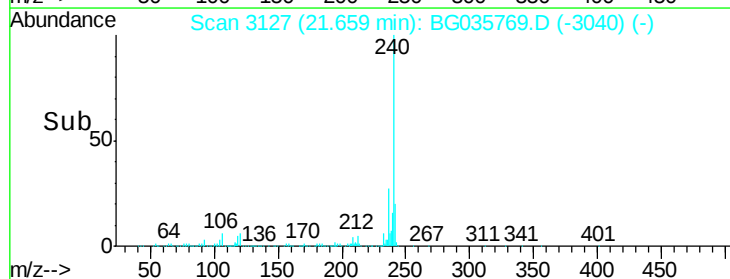
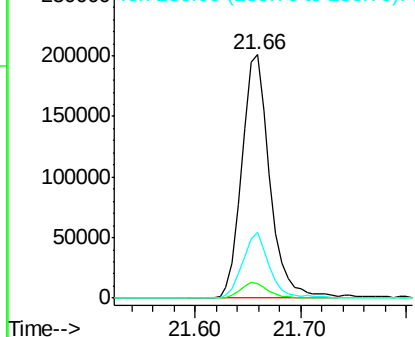


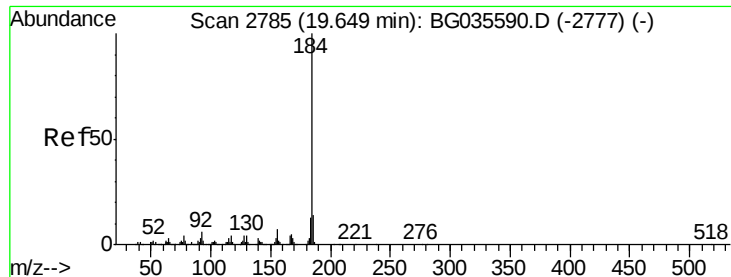
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG035769.D
 Acq: 20 Jul 2018 3:55

Tgt Ion:240 Resp: 367750
 Ion Ratio Lower Upper
 240 100
 120 5.7 6.8 10.2#
 236 26.9 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





#76

Benzidine

Concen: 3.175 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG035769.D

Acq: 20 Jul 2018 3:55

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

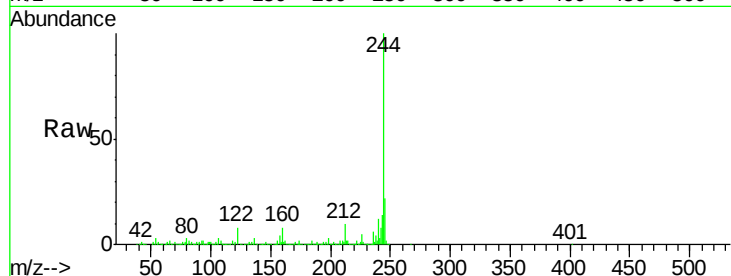
Tgt Ion:184 Resp: 30700

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

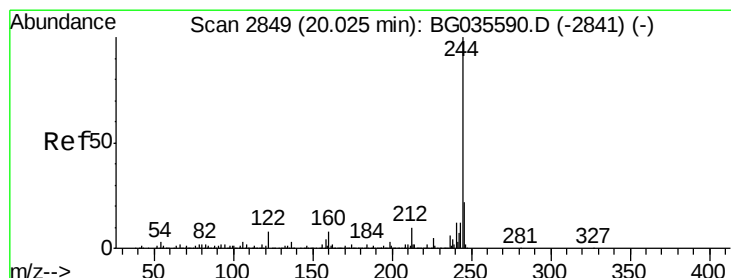
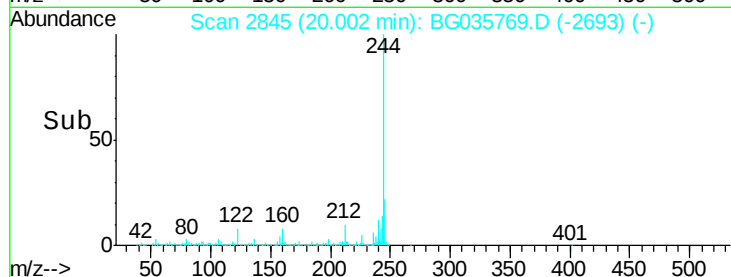
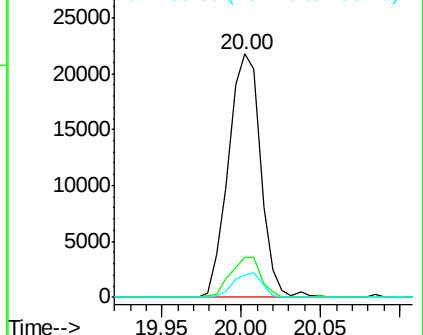
183 9.3 10.6 16.0#



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



#78

Terphenyl-d14

Concen: 103.829 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG035769.D

Acq: 20 Jul 2018 3:55

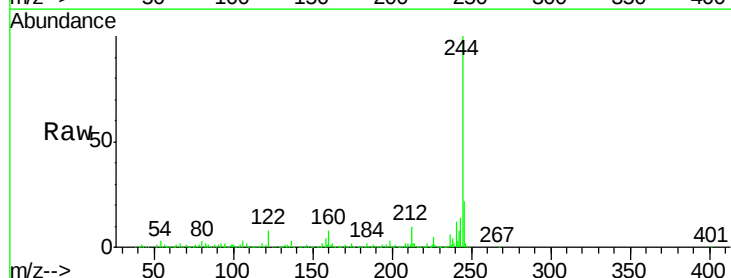
Tgt Ion:244 Resp: 1732205

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

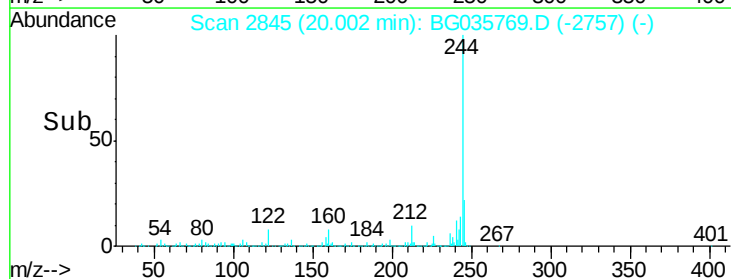
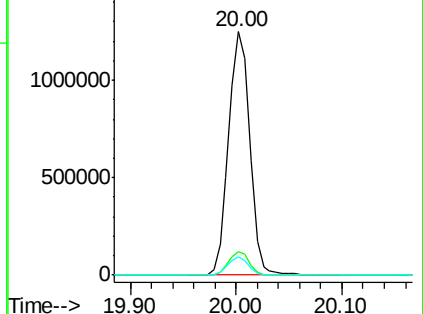
122 7.7 7.0 10.4

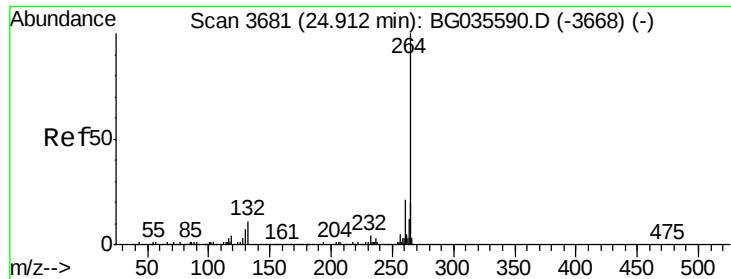


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

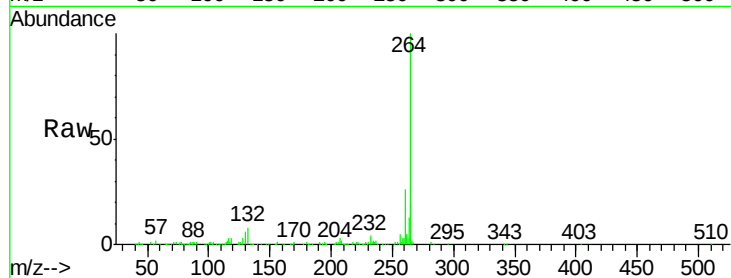




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG035769.D
Acq: 20 Jul 2018 3:55

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	17.4	26.0
265	19.6	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

