

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
 Data File : BG037268.D
 Acq On : 11 Oct 2018 21:56
 Operator : JU/SJ
 Sample : J5369-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Oct 12 06:51:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	57330	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	241919	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	160523	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	406137	20.00	ng	0.00
76) Chrysene-d12	21.79	240	409917	20.00	ng	0.00
87) Perylene-d12	25.14	264	400454	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	371077	113.91	ng	0.00
7) Phenol-d6	7.26	99	477139	96.50	ng	0.00
23) Nitrobenzene-d5	9.30	82	317957	86.41	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	199588	126.78	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	784211	73.37	ng	0.00
79) Terphenyl-d14	20.10	244	1458222	74.70	ng	0.00

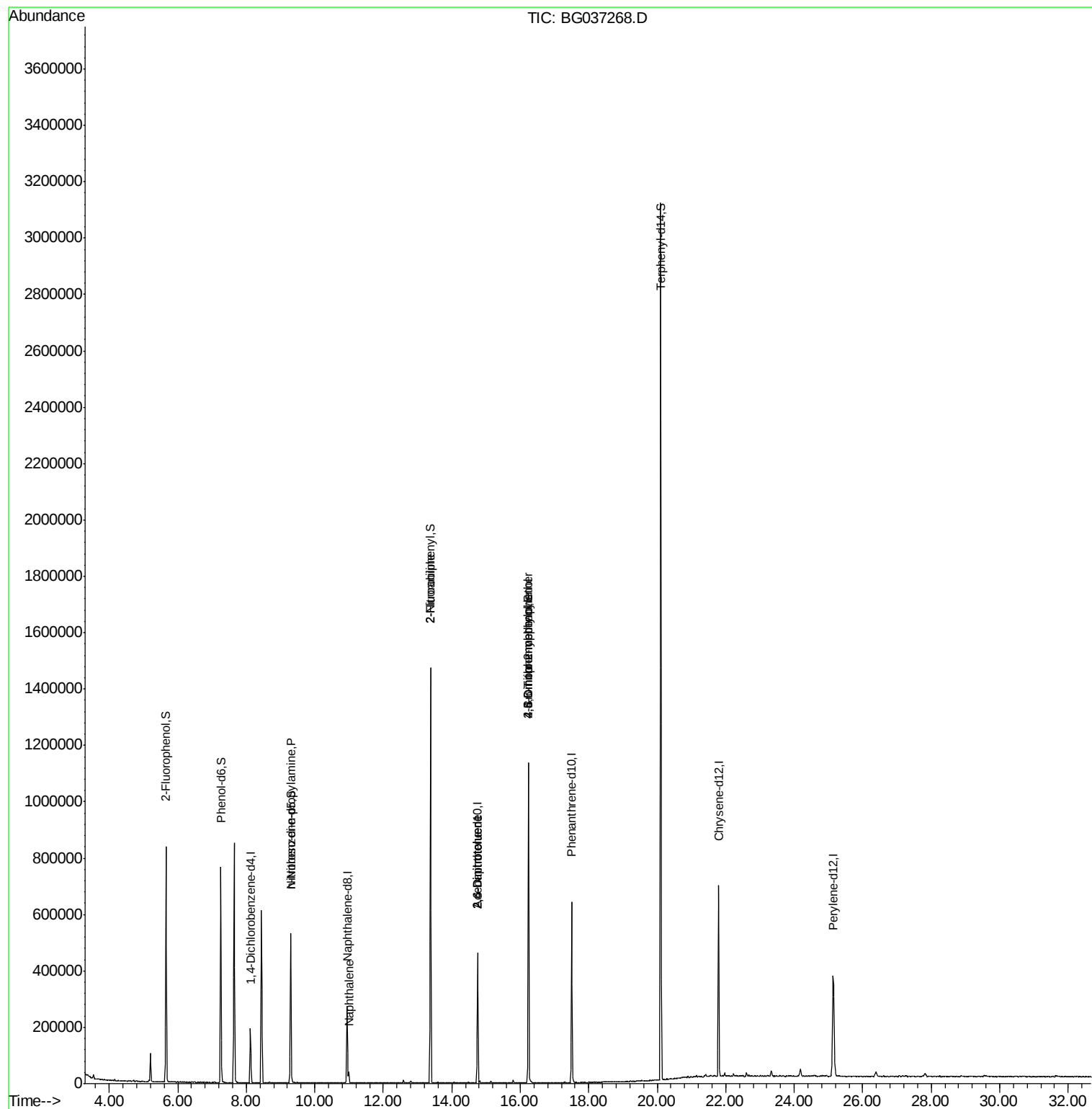
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	41341	11.044	ng	# 71
31) Naphthalene	11.00	128	35740	3.040	ng	# 98
48) 2-Nitroaniline	13.38	65	1245	6.160	ng	# 3
51) 2,6-Dinitrotoluene	14.76	165	20748	12.429	ng	# 26
57) 2,4-Dinitrotoluene	14.76	165	20748	11.279	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.24	198	720	6.442	ng	# 80
67) 4-Bromophenyl-phenylether	16.24	248	14738	3.362	ng	# 1

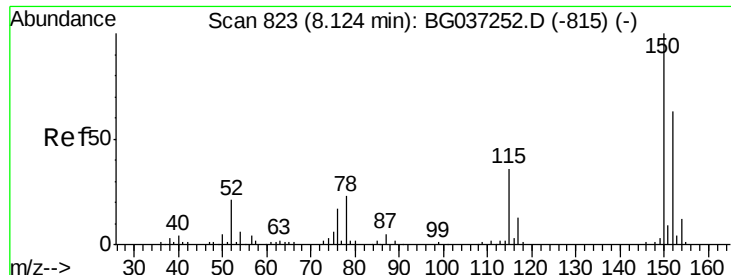
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG037268.D

Acq: 11 Oct 2018 21:56

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE

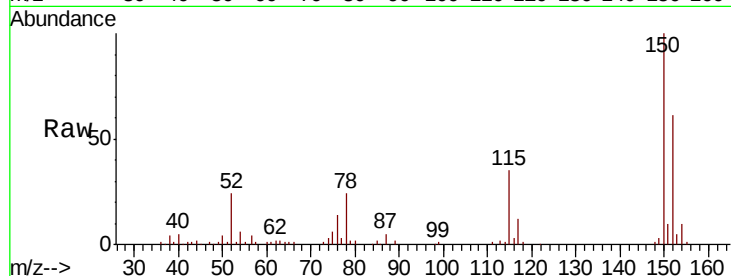
Tgt Ion:152 Resp: 57330

Ion Ratio Lower Upper

152 100

150 163.3 126.0 189.0

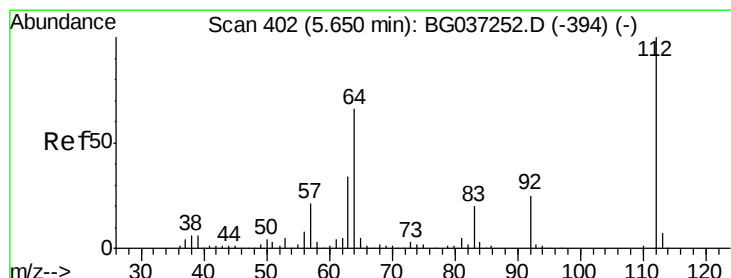
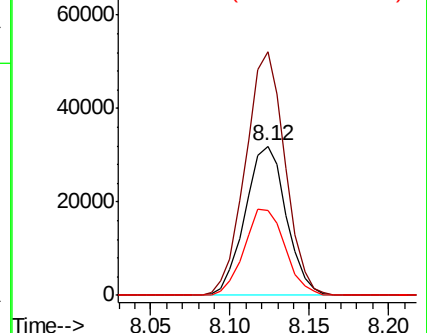
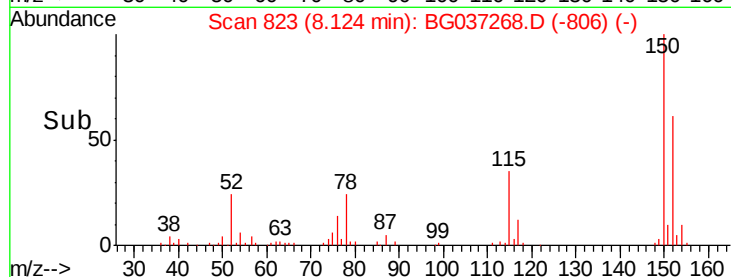
115 56.6 45.5 68.3



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: 113.912 ng

RT: 5.66 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG037268.D

Acq: 11 Oct 2018 21:56

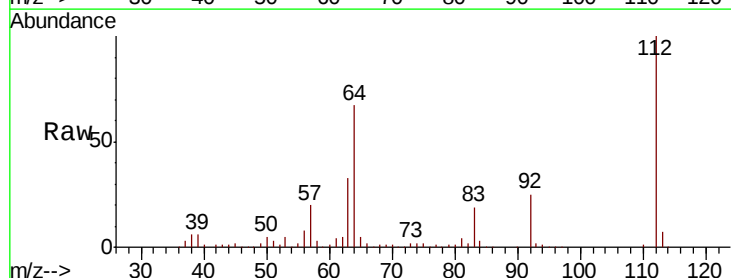
Tgt Ion:112 Resp: 371077

Ion Ratio Lower Upper

112 100

64 66.6 53.1 79.7

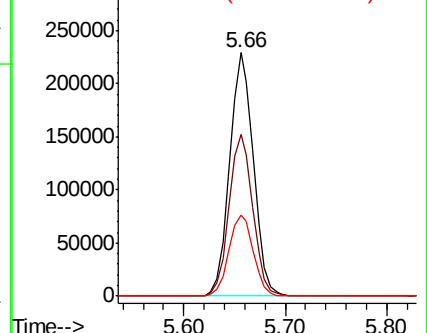
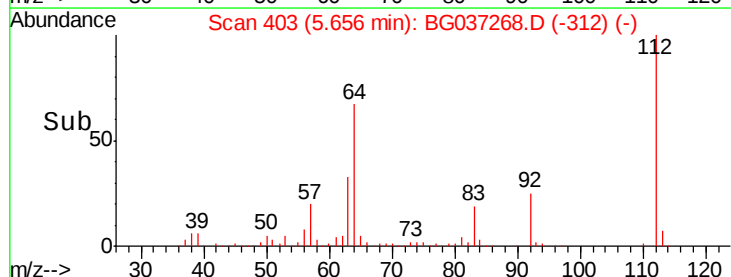
63 33.3 27.3 40.9

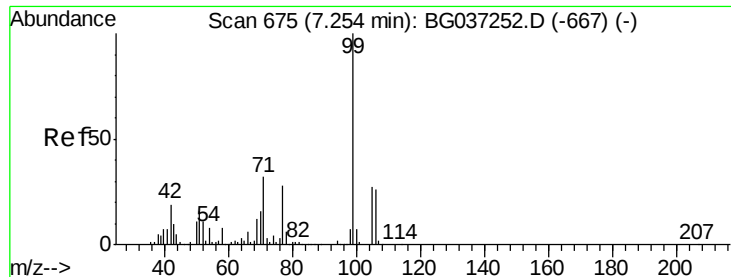


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.500 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG037268.D

Acq: 11 Oct 2018 21:56

Instrument :

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ClientSampleId :

CONCRETE-PILE

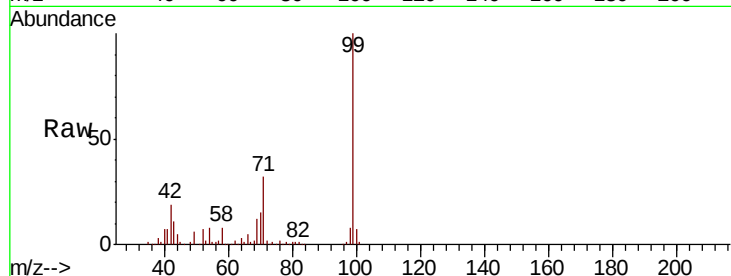
Tgt Ion: 99 Resp: 477139

Ion Ratio Lower Upper

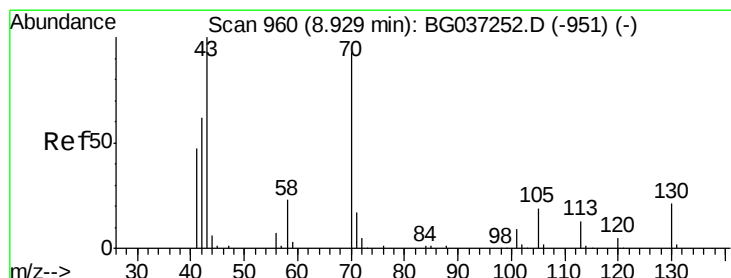
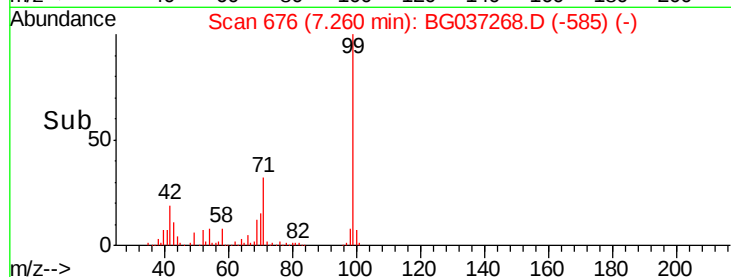
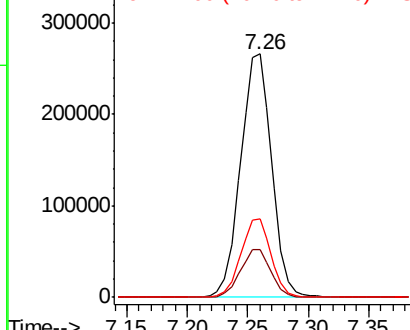
99 100

42 19.5 15.0 22.4

71 32.0 25.5 38.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.044 ng

RT: 9.30 min Scan# 1023

Delta R.T. 0.37 min

Lab File: BG037268.D

Acq: 11 Oct 2018 21:56

Tgt Ion: 70 Resp: 41341

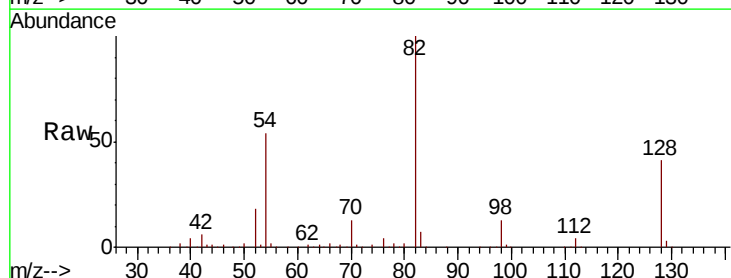
Ion Ratio Lower Upper

70 100

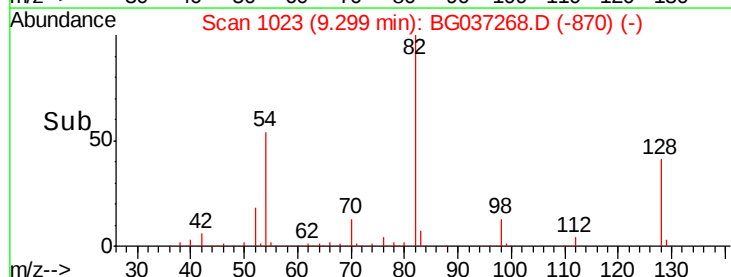
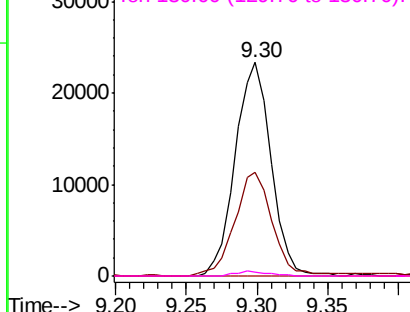
42 48.5 53.9 80.9#

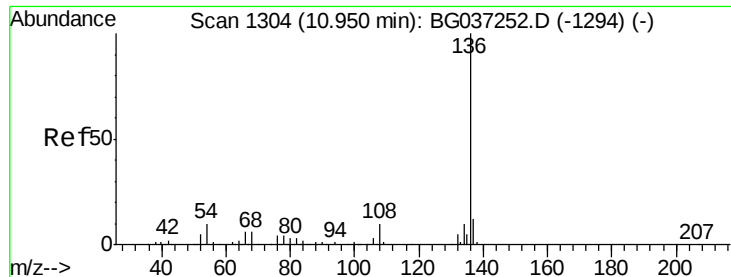
101 0.0 8.2 12.2#

130 1.6 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

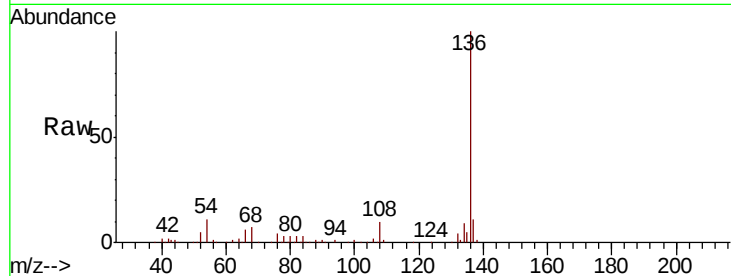




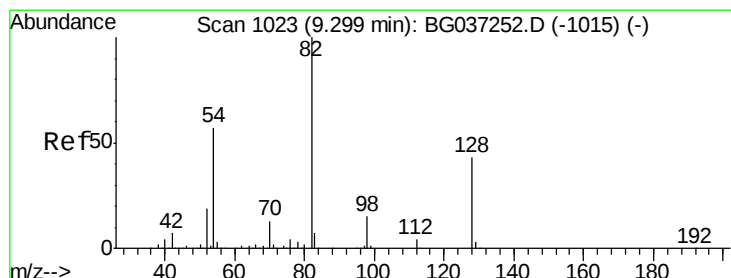
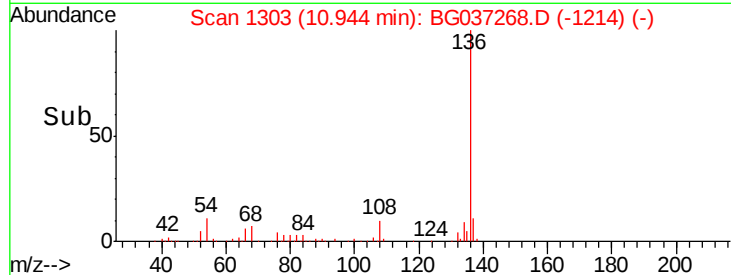
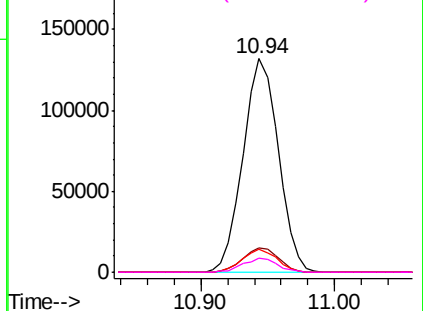
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037268.D
Acq: 11 Oct 2018 21:56

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Tgt Ion:	136	Resp:	241919
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.6	7.9	11.9
68	6.6	4.8	7.2

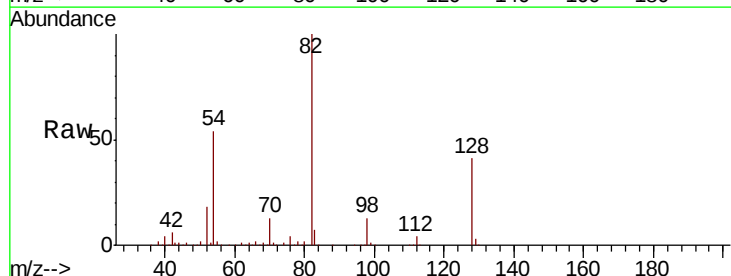


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

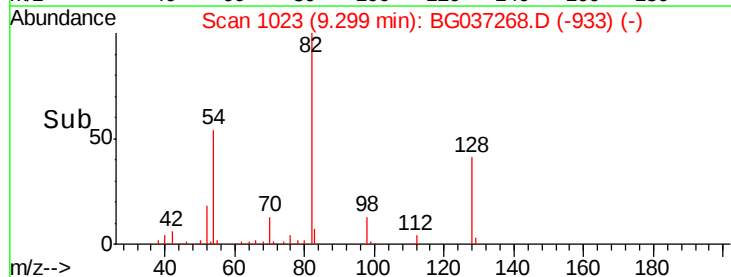
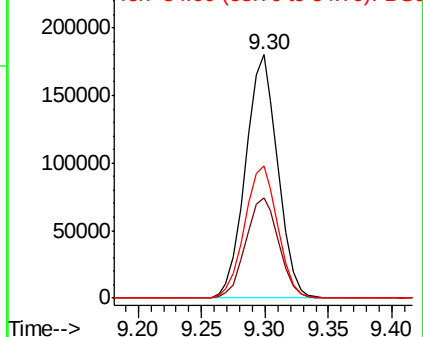


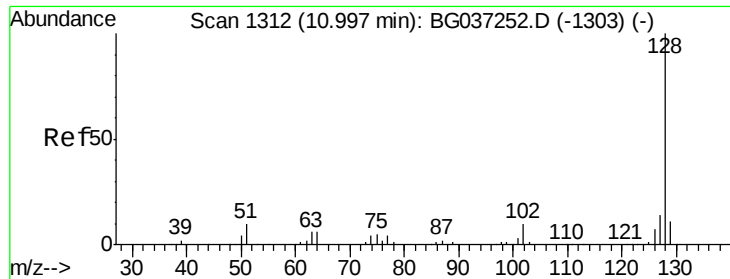
#23
Nitrobenzene-d5
Concen: 86.409 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG037268.D
Acq: 11 Oct 2018 21:56

Tgt Ion:	82	Resp:	317957
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	51.8
54	54.4	45.3	67.9



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

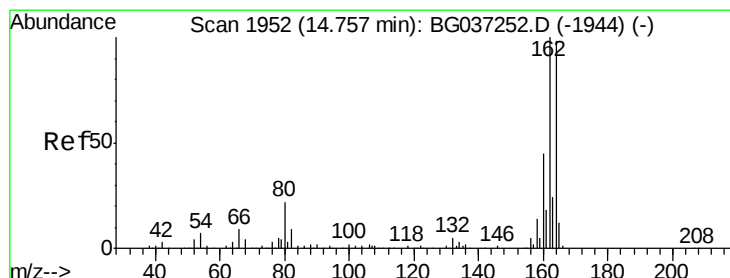
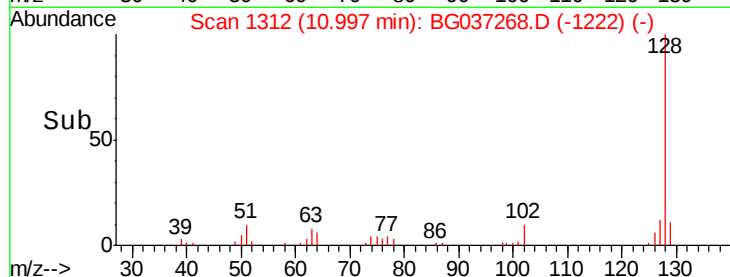
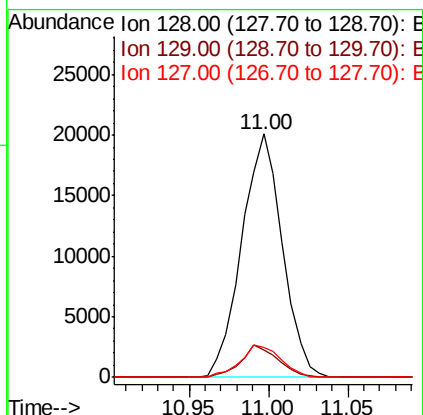
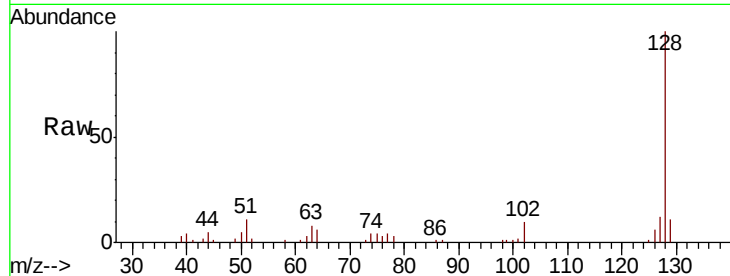




#31
Naphthalene
Concen: 3.040 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG037268.D
Acq: 11 Oct 2018 21:56

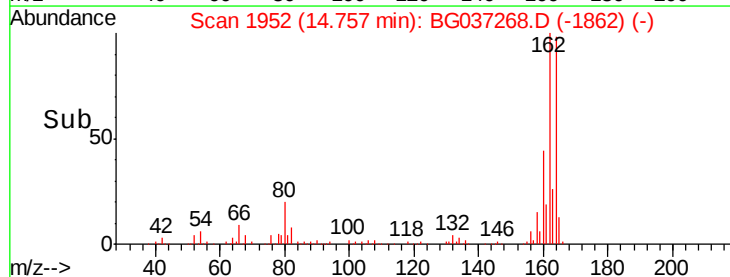
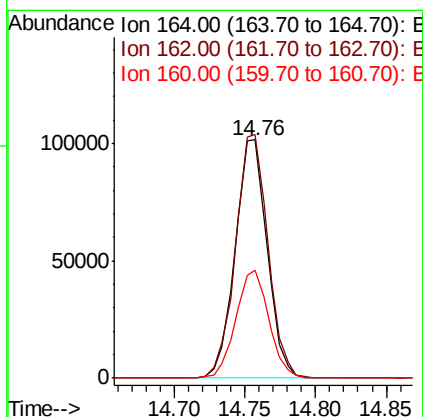
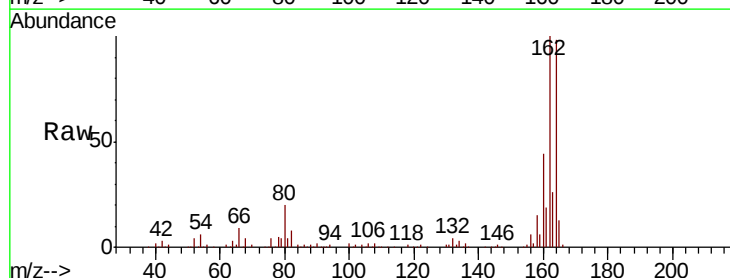
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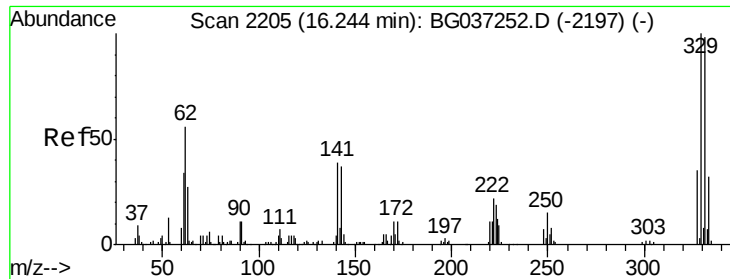
Tgt Ion:128 Resp: 35740
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 12.2 11.1 16.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG037268.D
Acq: 11 Oct 2018 21:56

Tgt Ion:164 Resp: 160523
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 45.1 36.3 54.5

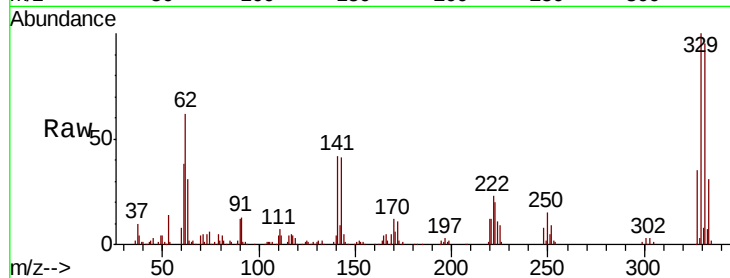




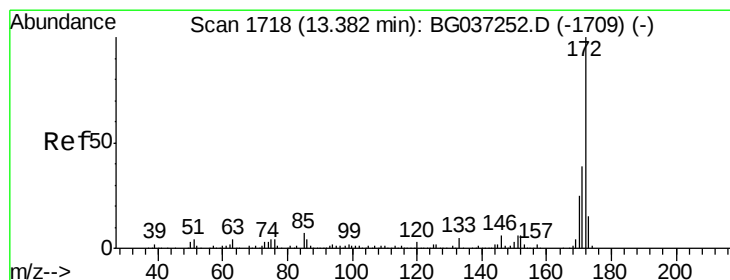
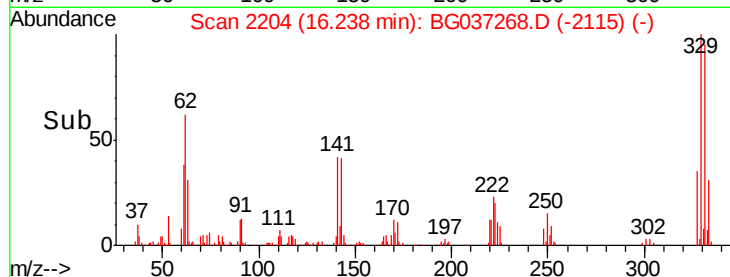
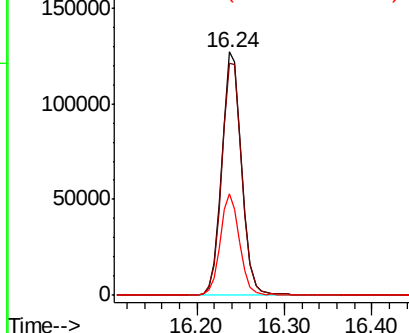
#42
 2,4,6-Tribromophenol
 Concen: 126.780 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG037268.D
 Acq: 11 Oct 2018 21:56

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

Tgt Ion:330 Resp: 199588
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.4 117.6
 141 40.5 32.2 48.2

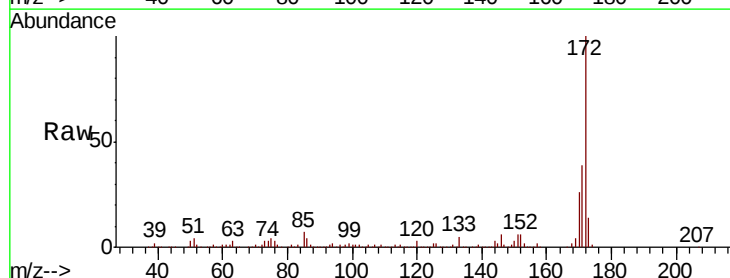


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

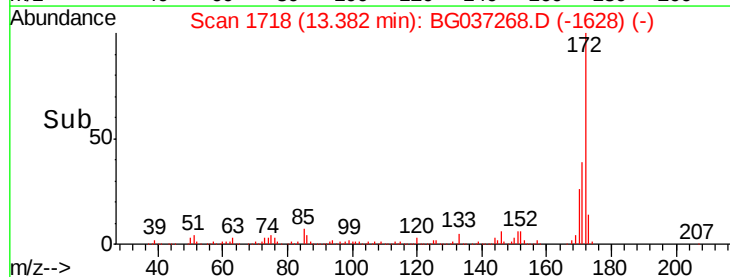
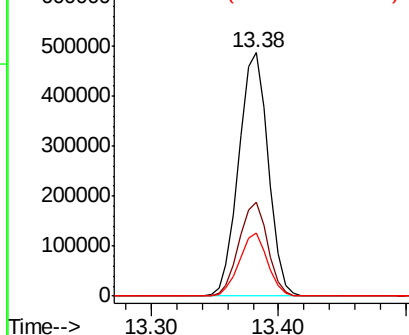


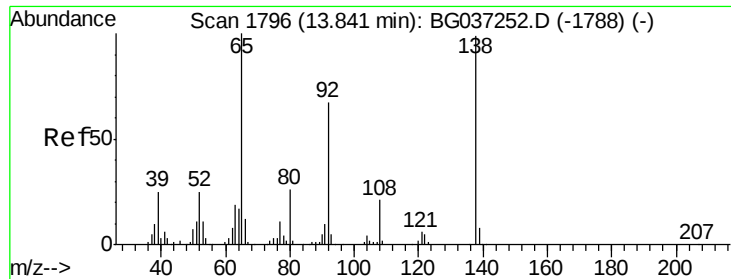
#45
 2-Fluorobiphenyl
 Concen: 73.366 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG037268.D
 Acq: 11 Oct 2018 21:56

Tgt Ion:172 Resp: 784211
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.0 46.4
 170 25.8 20.2 30.2



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

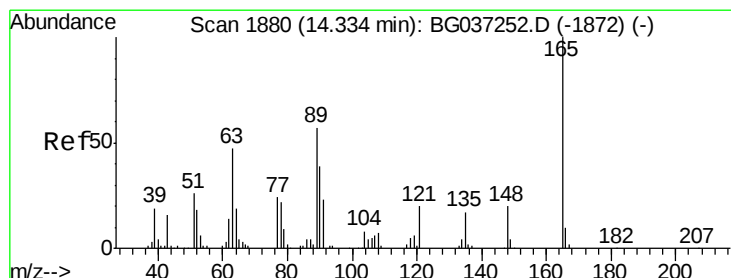
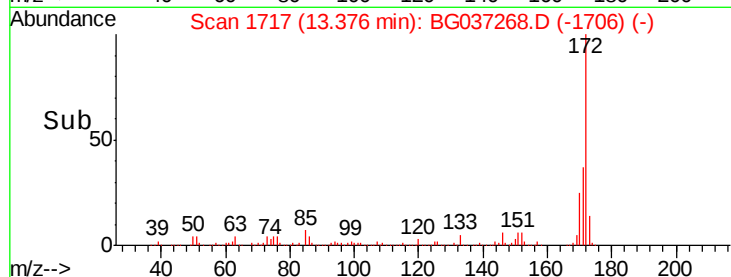
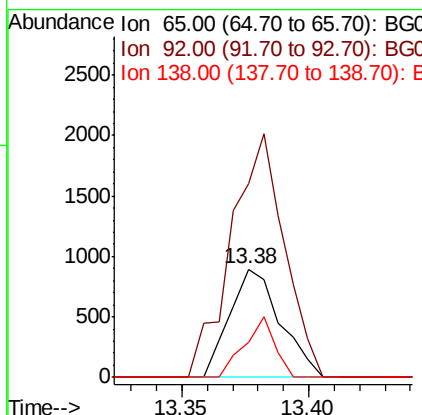
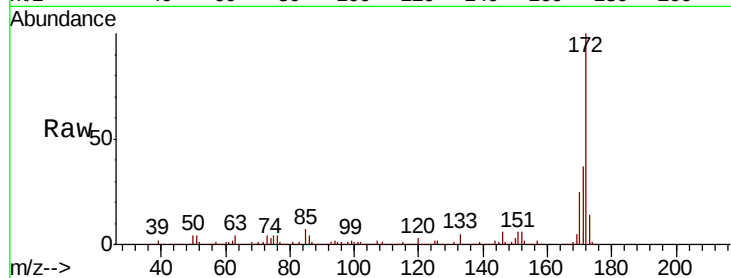




#48
 2-Nitroaniline
 Concen: 6.160 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.46 min
 Lab File: BG037268.D
 Acq: 11 Oct 2018 21:56

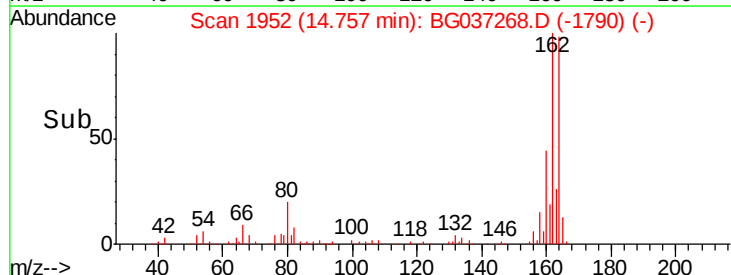
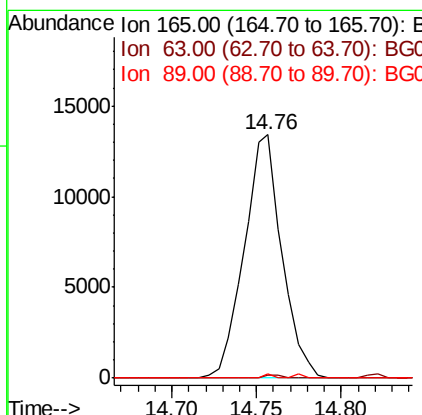
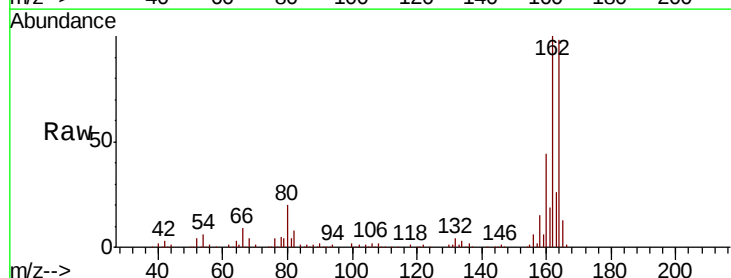
Instrument :
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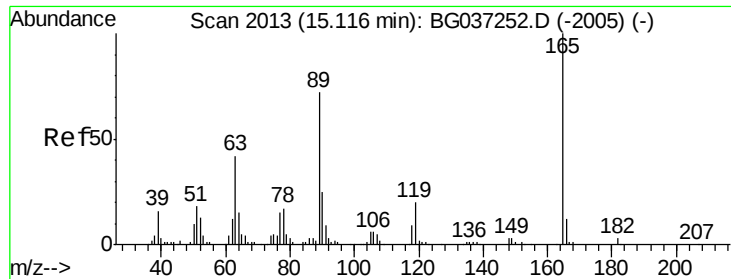
Tgt Ion: 65 Resp: 1245
 Ion Ratio Lower Upper
 65 100
 92 179.4 53.2 79.8#
 138 32.7 79.3 118.9#



#51
 2,6-Dinitrotoluene
 Concen: 12.429 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. 0.42 min
 Lab File: BG037268.D
 Acq: 11 Oct 2018 21:56

Tgt Ion: 165 Resp: 20748
 Ion Ratio Lower Upper
 165 100
 63 1.3 43.4 65.2#
 89 1.9 45.8 68.6#

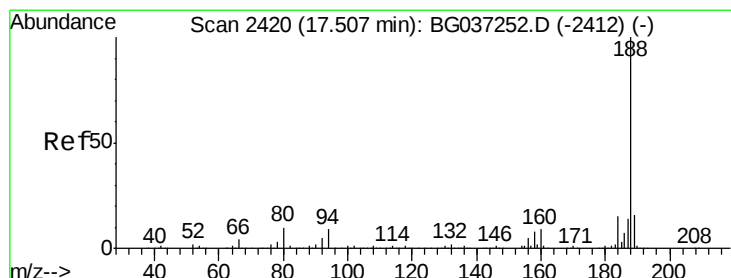
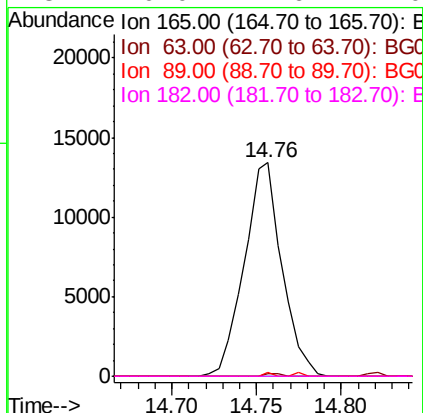
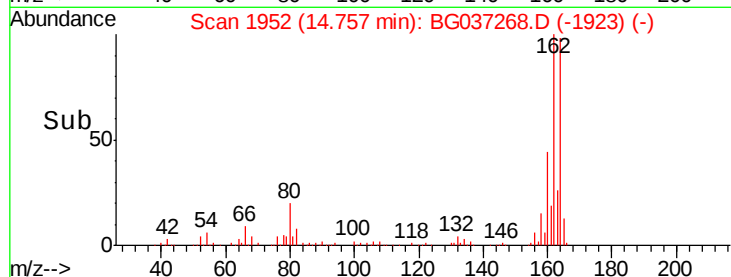
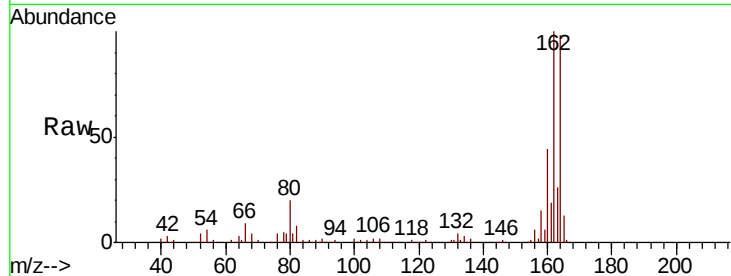




#57
2,4-Dinitrotoluene
Concen: 11.279 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.36 min
Lab File: BG037268.D
Acq: 11 Oct 2018 21:56

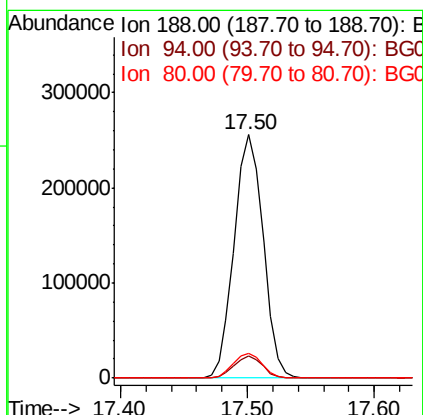
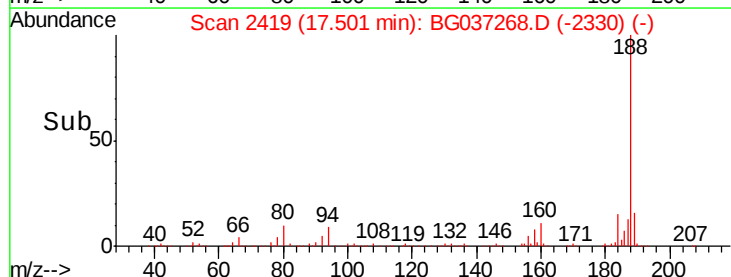
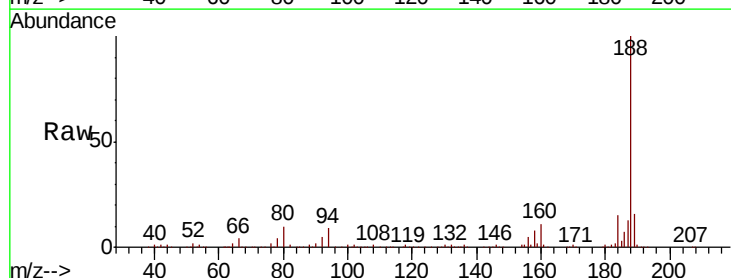
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE

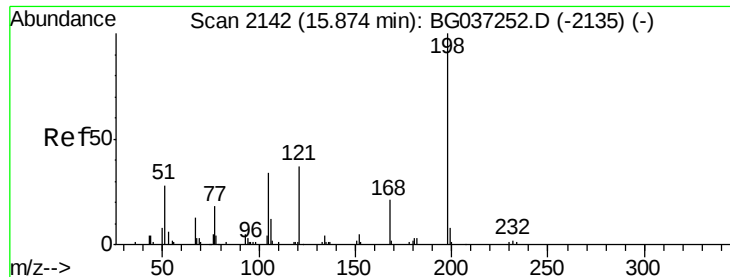
Tgt Ion:165 Resp: 20748
Ion Ratio Lower Upper
165 100
63 1.3 33.4 50.0#
89 1.9 57.2 85.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG037268.D
Acq: 11 Oct 2018 21:56

Tgt Ion:188 Resp: 406137
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.1 7.7 11.5

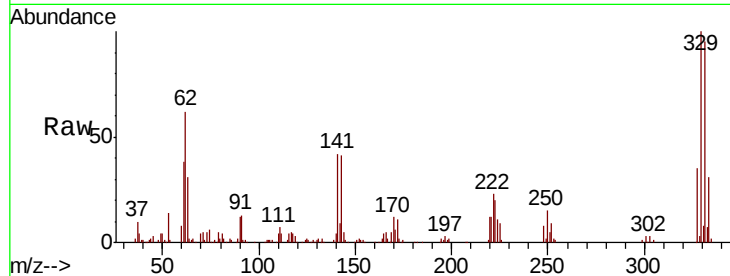




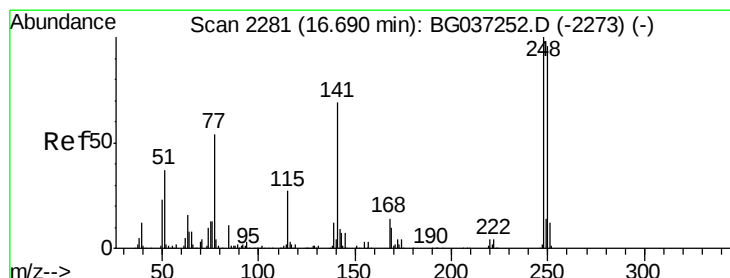
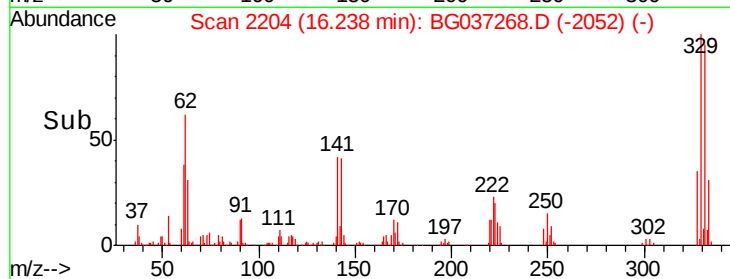
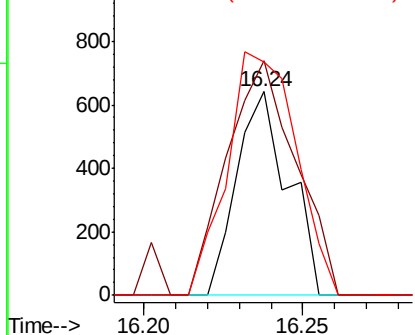
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.442 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.36 min
 Lab File: BG037268.D
 Acq: 11 Oct 2018 21:56

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

Tgt Ion:198 Resp: 720
 Ion Ratio Lower Upper
 198 100
 51 28.8 22.7 62.7
 105 28.8 19.7 59.7

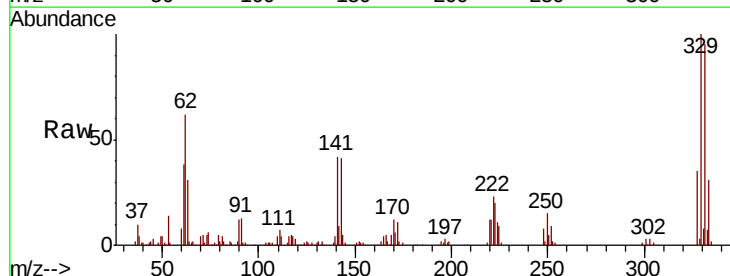


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

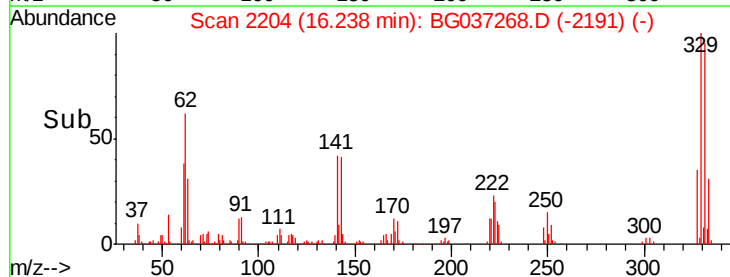
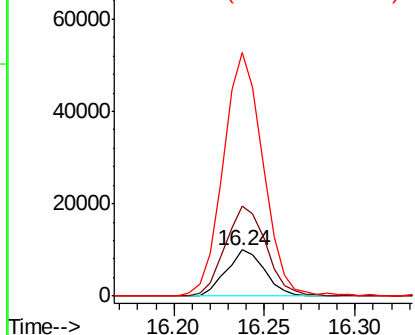


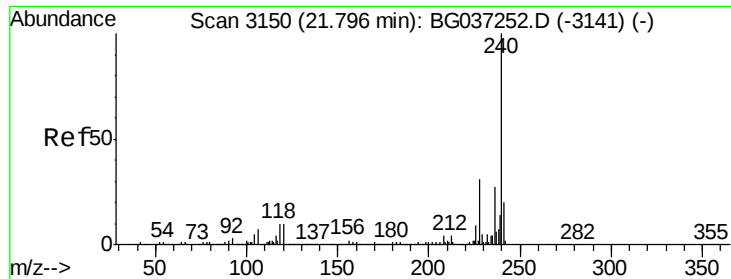
#67
 4-Bromophenyl-phenylether
 Concen: 3.362 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG037268.D
 Acq: 11 Oct 2018 21:56

Tgt Ion:248 Resp: 14738
 Ion Ratio Lower Upper
 248 100
 250 195.8 77.0 115.6#
 141 406.4 55.5 83.3#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG037268.D

Acq: 11 Oct 2018 21:56

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE

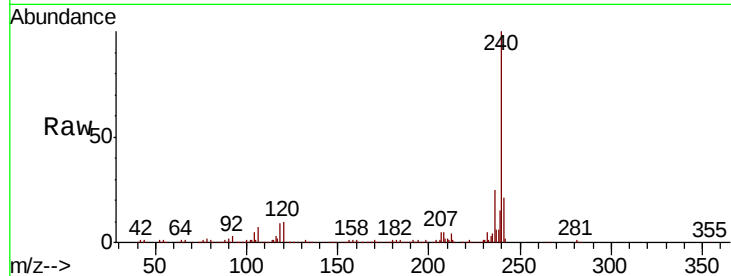
Tgt Ion:240 Resp: 409917

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

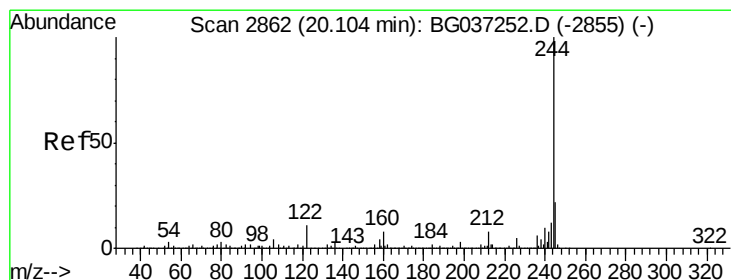
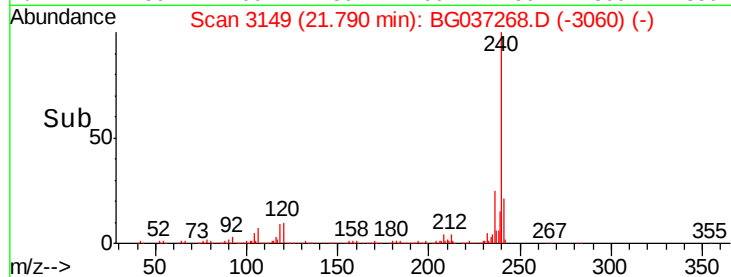
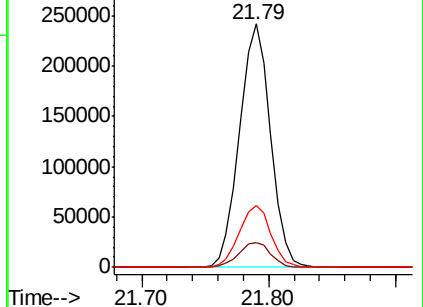
236 25.4 21.4 32.0



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



#79

Terphenyl-d14

Concen: 74.696 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG037268.D

Acq: 11 Oct 2018 21:56

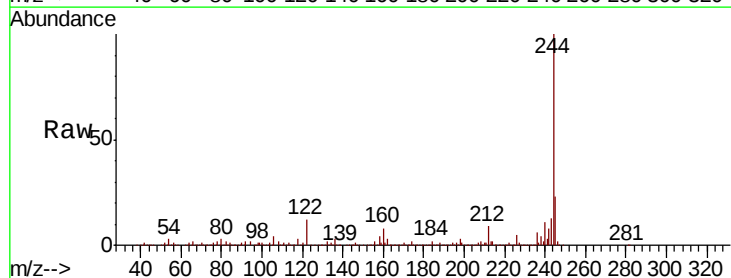
Tgt Ion:244 Resp: 1458222

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

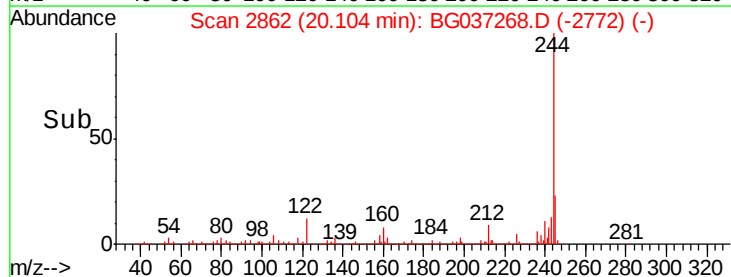
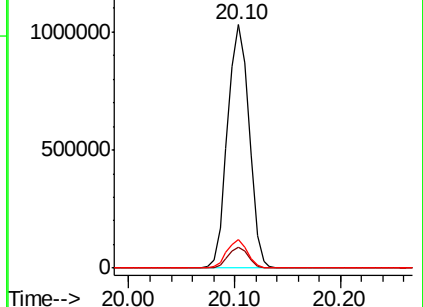
122 11.6 9.0 13.4

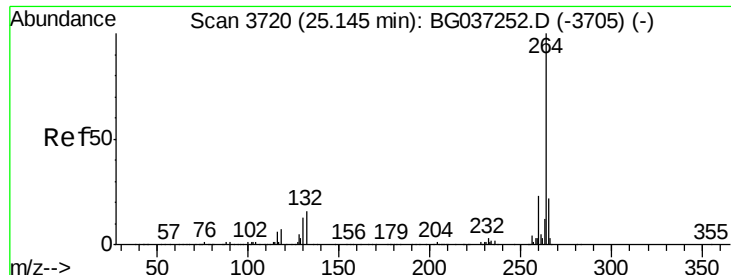


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG037268.D
Acq: 11 Oct 2018 21:56

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE

Tgt Ion:	264	Resp:	400454
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	22.4	17.9	26.9

