

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071618\
 Data File : BG035671.D
 Acq On : 16 Jul 2018 15:59
 Operator : JU/SJ
 Sample : J3958-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-CONCRETE

Quant Time: Jul 16 17:27:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

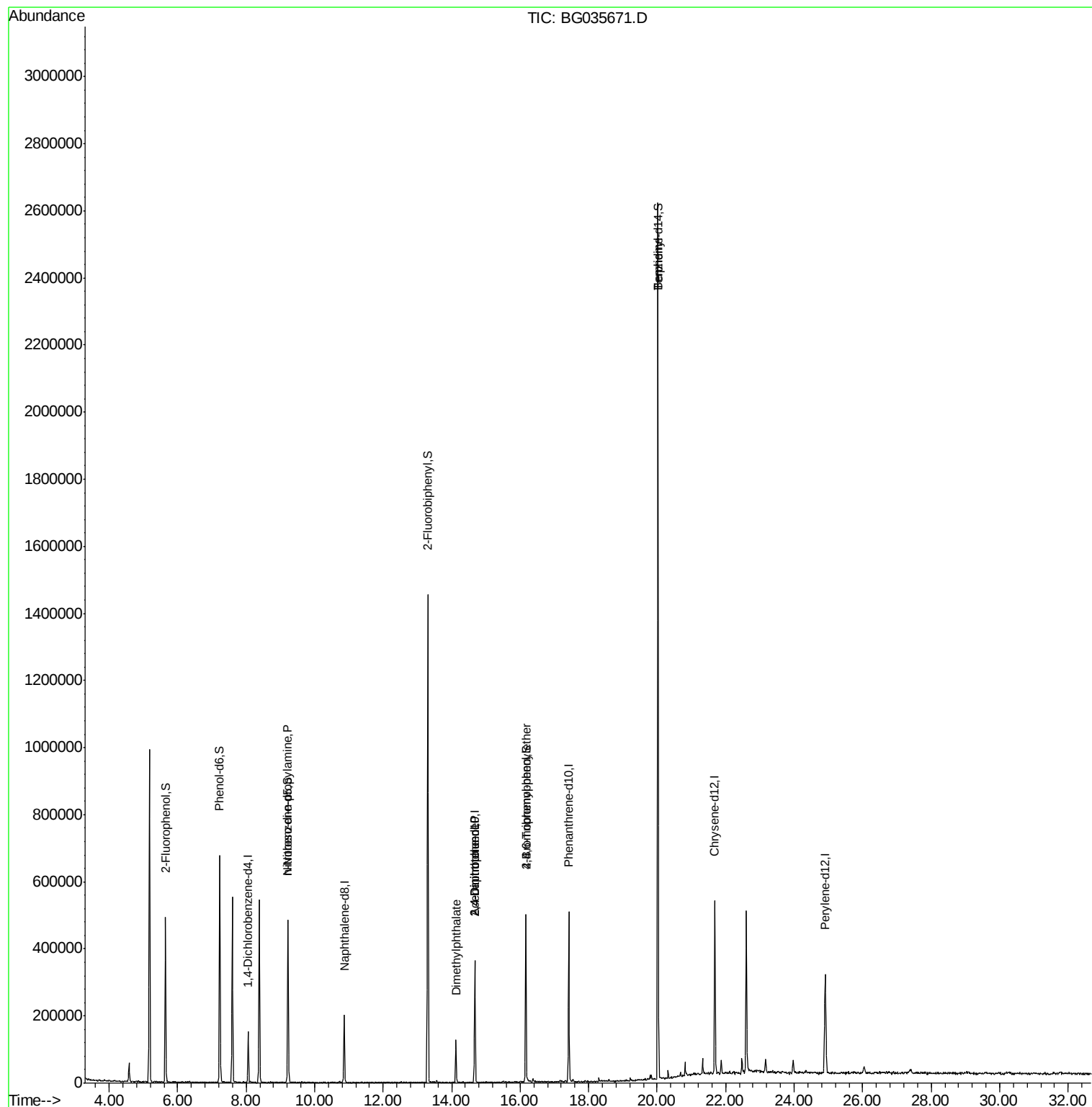
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41514	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	166496	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	122096	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	320587	20.00	ng	0.00
75) Chrysene-d12	21.68	240	321300	20.00	ng	0.00
86) Perylene-d12	24.90	264	310673	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	205953	82.37	ng	0.00
7) Phenol-d6	7.23	99	401411	107.60	ng	0.00
23) Nitrobenzene-d5	9.22	82	324345	81.38	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	94422	58.67	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	760095	83.40	ng	0.00
78) Terphenyl-d14	20.03	244	1230894	84.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	44357	14.119	ng	Qvalue # 71
49) Dimethylphthalate	14.12	163	79432	7.425	ng	# 98
53) 2,4-Dinitrophenol	14.68	184	59	6.631	ng	# 63
56) 2,4-Dinitrotoluene	14.67	165	16836	5.387	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	7831	2.105	ng	# 1
76) Benzidine	20.03	184	21805	2.581	ng	# 89

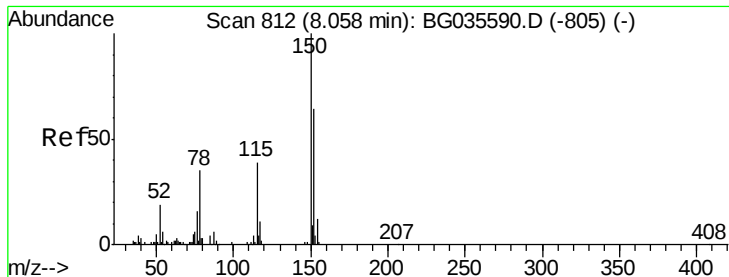
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



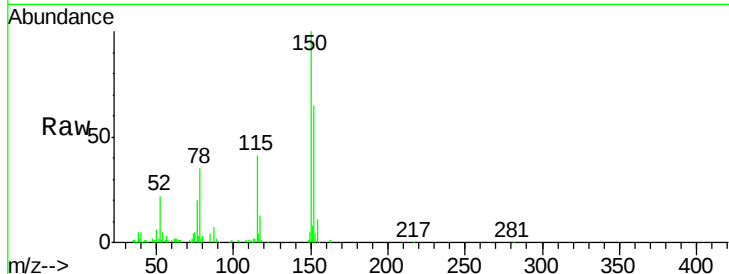


#1

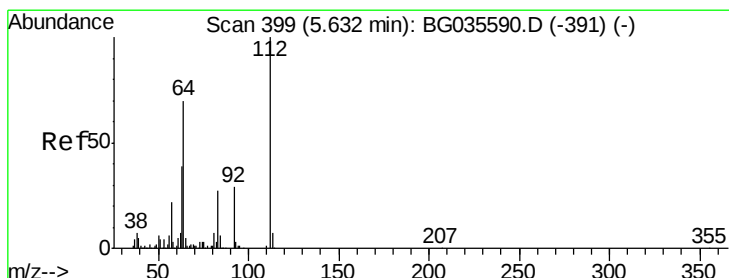
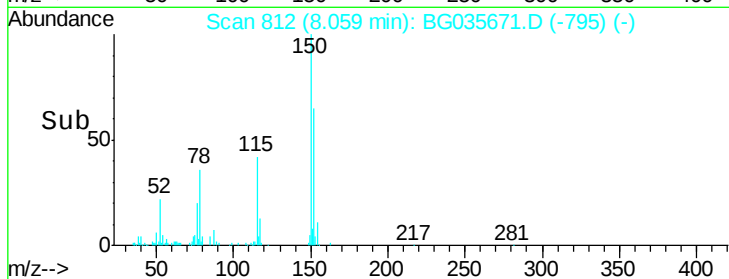
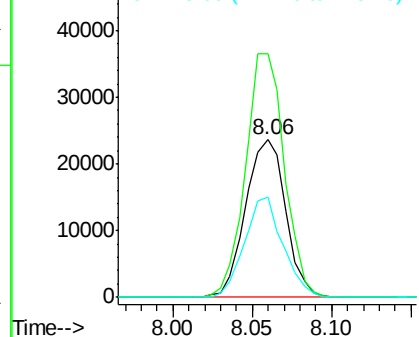
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tgt Ion:152 Resp: 41514
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 63.7 53.0 79.4



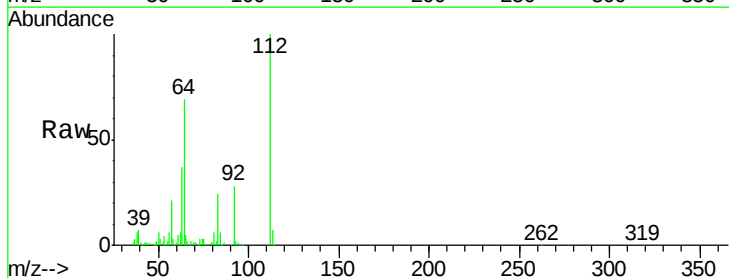
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



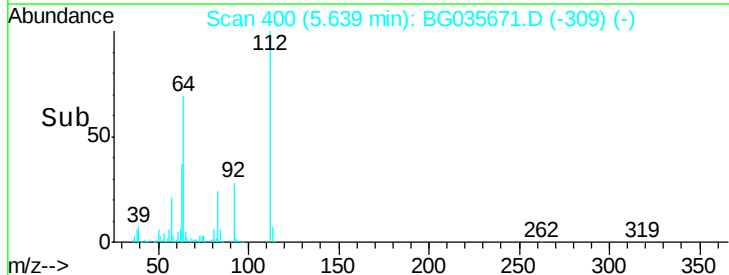
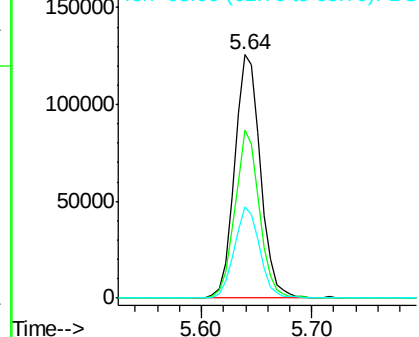
#5

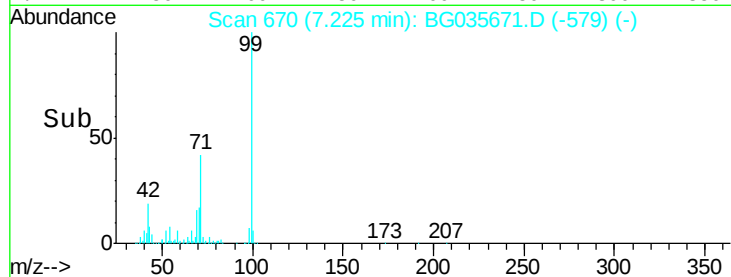
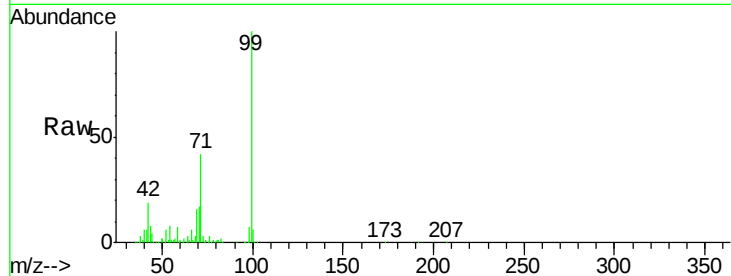
2-Fluorophenol
Concen: 82.365 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion:112 Resp: 205953
Ion Ratio Lower Upper
112 100
64 69.3 56.3 84.5
63 37.4 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: 107.597 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

Instrument :

BNA_G

ClientSampleId :

CS-CONCRETE

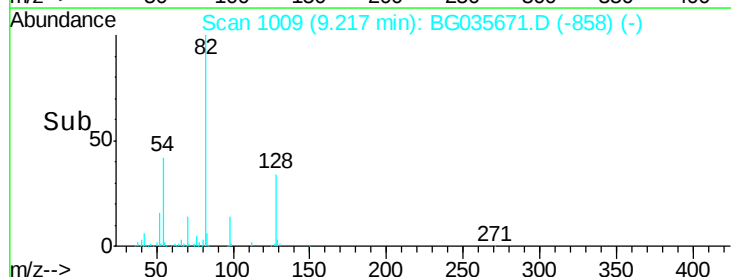
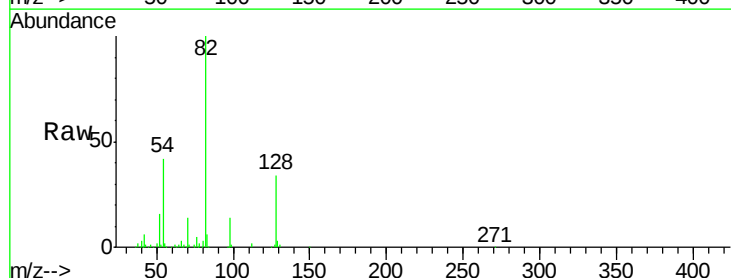
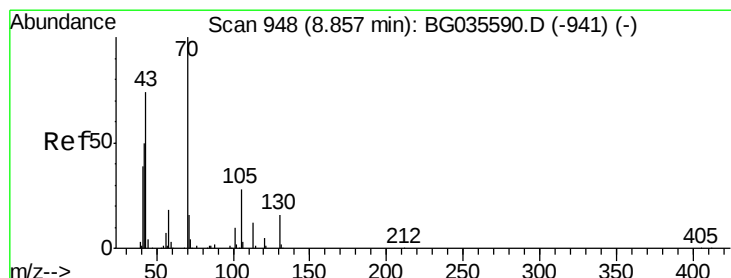
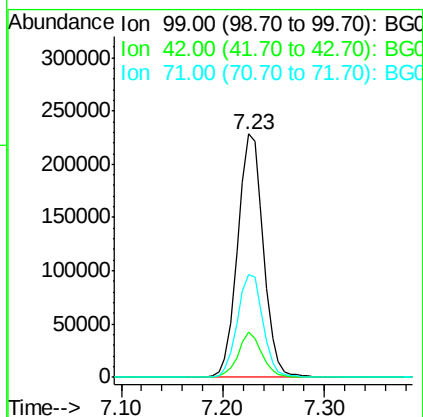
Tgt Ion: 99 Resp: 401411

Ion Ratio Lower Upper

99 100

42 18.7 14.1 21.1

71 42.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.119 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

Tgt Ion: 70 Resp: 44357

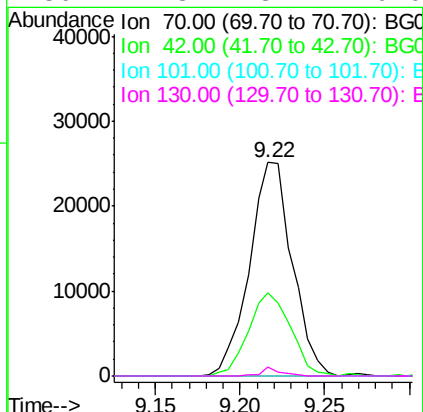
Ion Ratio Lower Upper

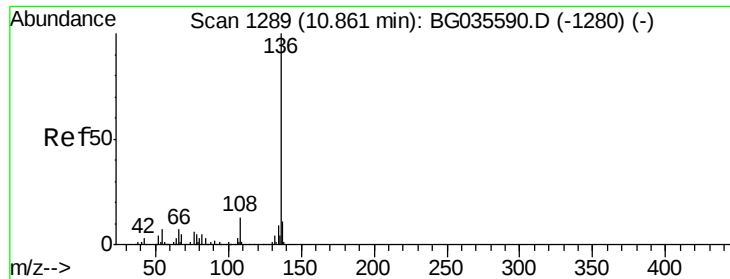
70 100

42 39.1 49.1 73.7#

101 0.0 8.5 12.7#

130 4.3 13.4 20.0#

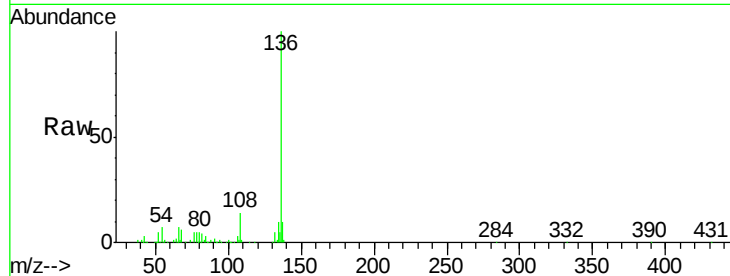




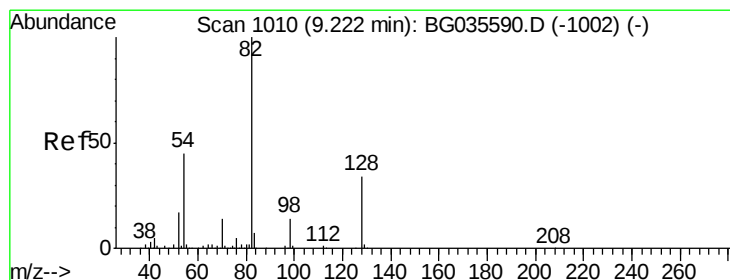
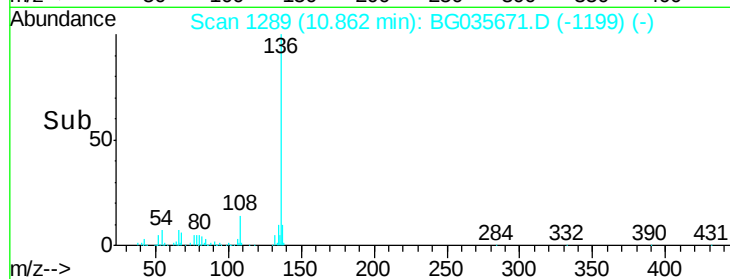
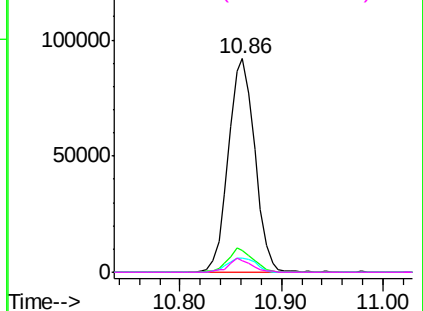
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tgt Ion:	136	Resp:	166496
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.7	10.3	15.5#
68	5.6	4.5	6.7

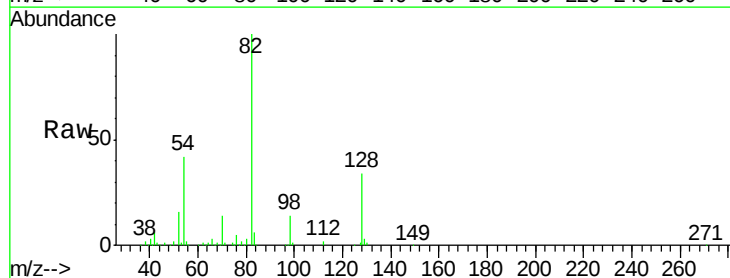


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

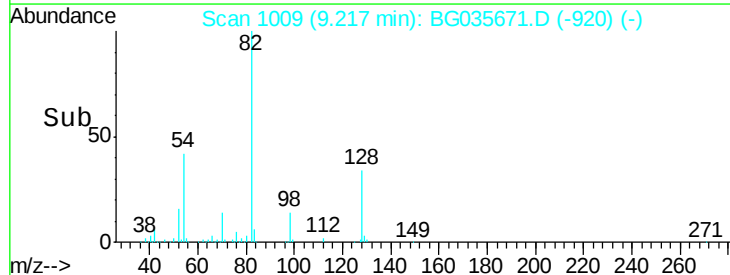
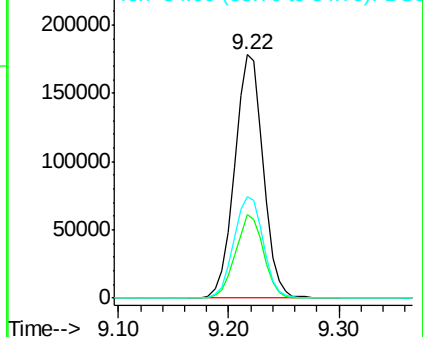


#23
Nitrobenzene-d5
Concen: 81.380 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion:	82	Resp:	324345
Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	41.9	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

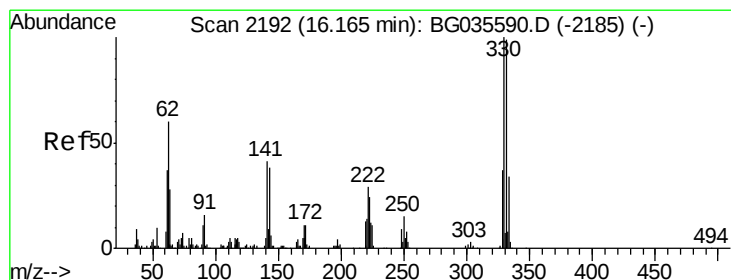
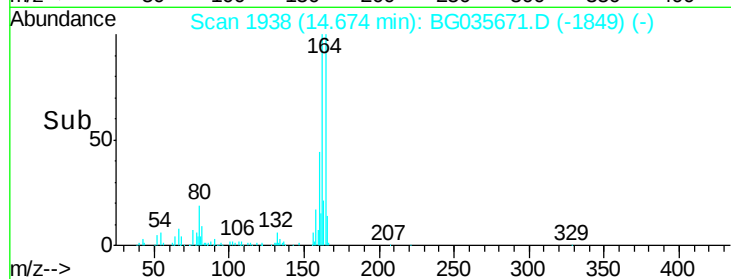
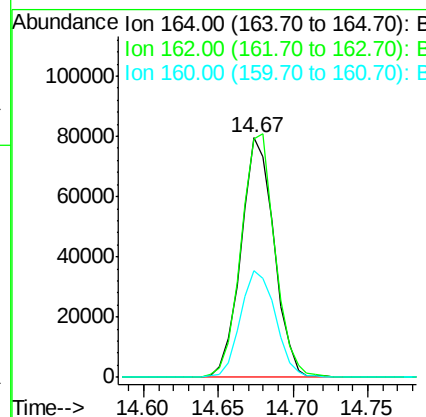
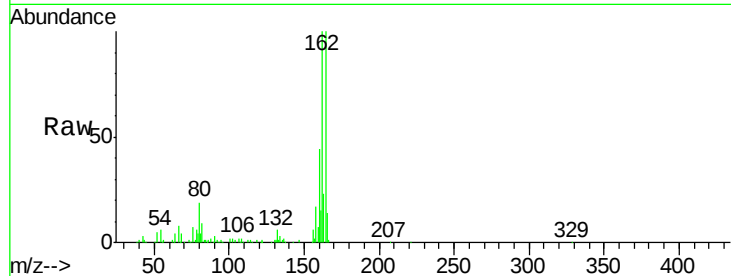




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

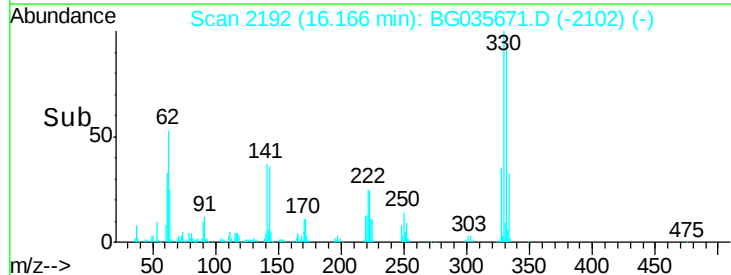
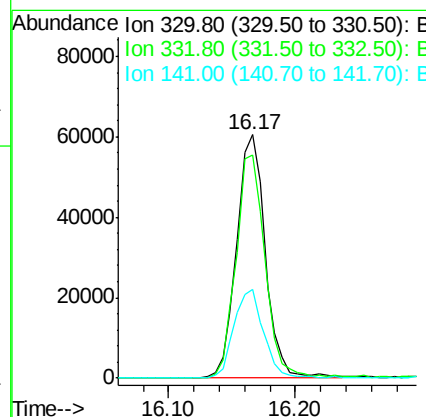
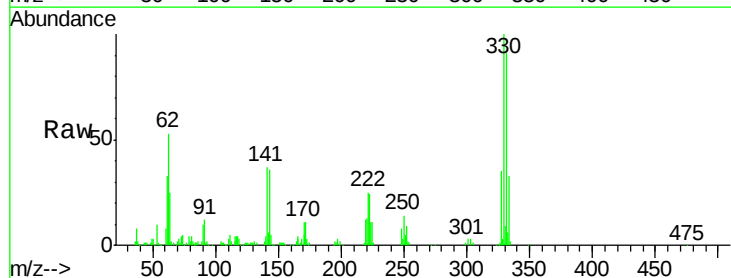
Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

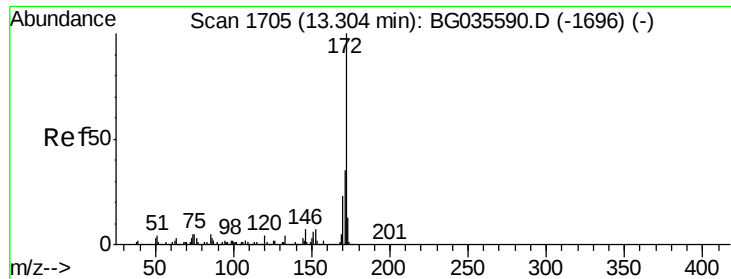
Tgt Ion:164 Resp: 122096
Ion Ratio Lower Upper
164 100
162 99.7 78.8 118.2
160 44.4 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 58.673 ng
RT: 16.17 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion:330 Resp: 94422
Ion Ratio Lower Upper
330 100
332 93.1 77.0 115.6
141 37.5 25.2 37.8

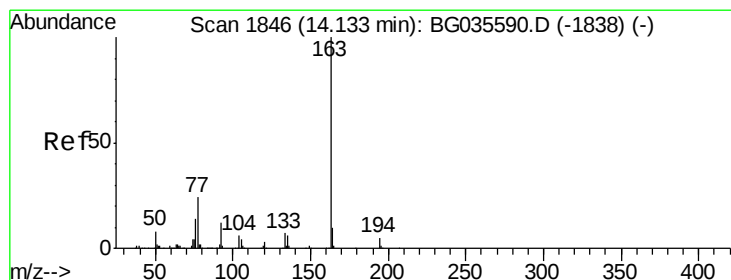
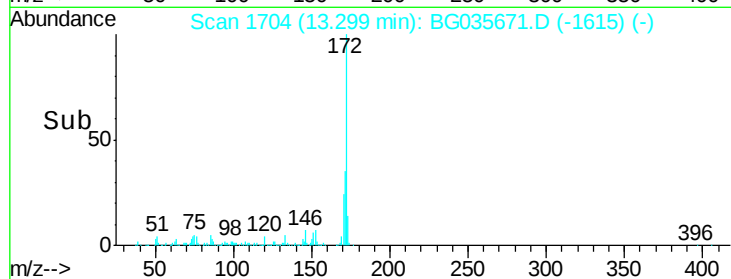
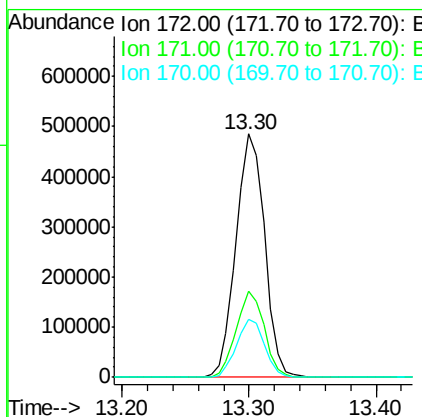
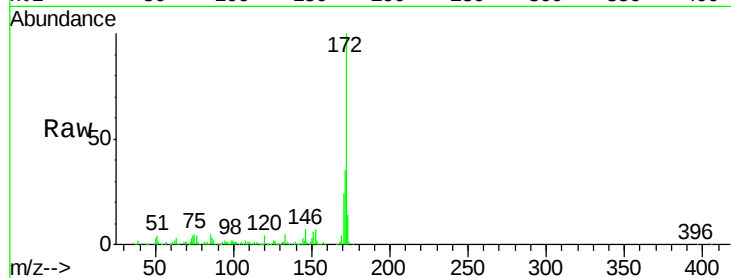




#44
 2-Fluorobiphenyl
 Concen: 83.404 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG035671.D
 Acq: 16 Jul 2018 15:59

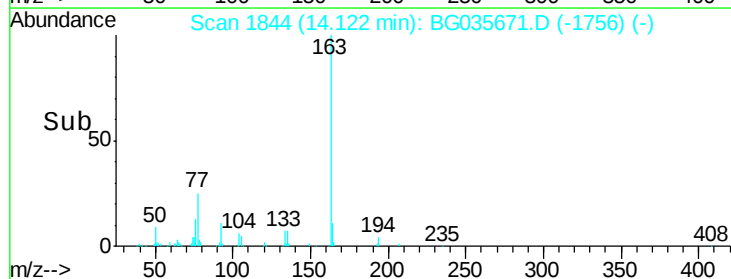
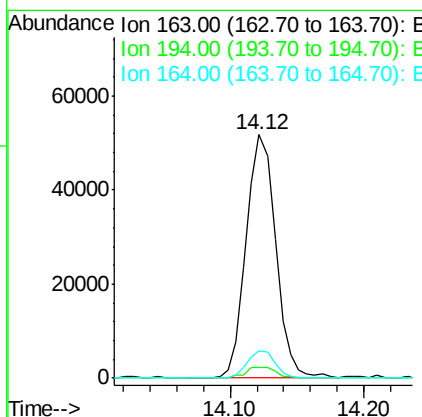
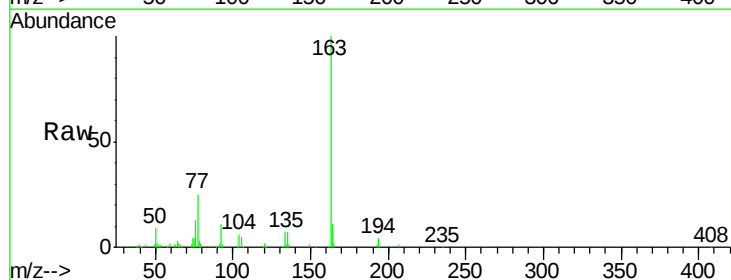
Instrument :
 BNA_G
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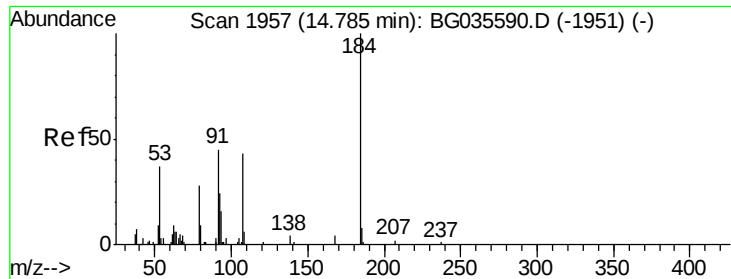
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.6	19.5	29.3



#49
 Dimethylphthalate
 Concen: 7.425 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BG035671.D
 Acq: 16 Jul 2018 15:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	11.4	8.2	12.4





#53

2,4-Dinitrophenol

Concen: 6.631 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.10 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

Instrument :

BNA_G

ClientSampleId :

CS-CONCRETE

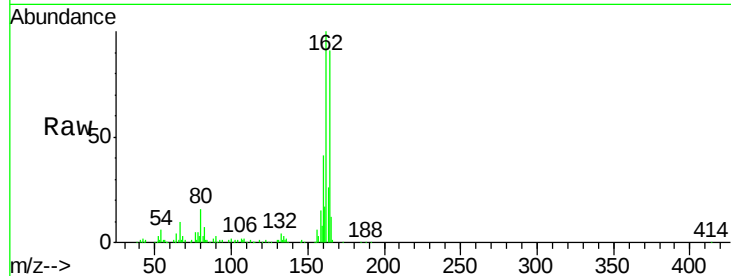
Tgt Ion:184 Resp: 59

Ion Ratio Lower Upper

184 100

63 134.3 59.8 89.8#

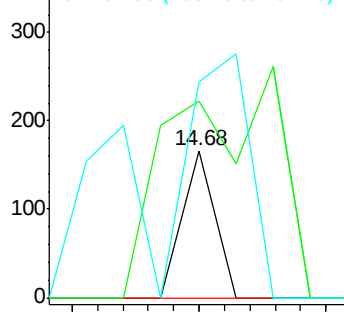
154 147.0 101.8 152.8



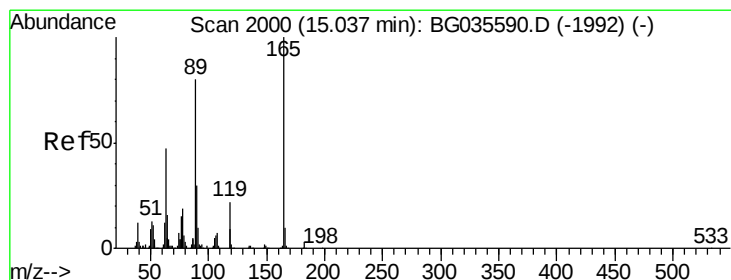
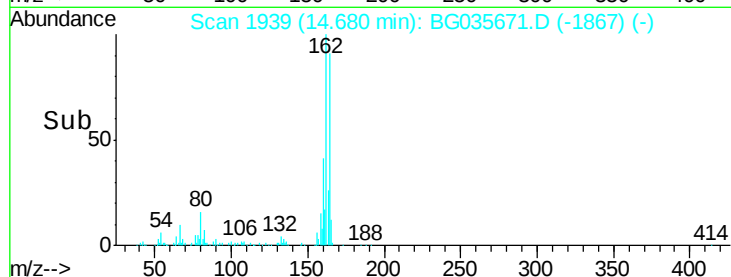
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



Time--> 14.66 14.68



#56

2,4-Dinitrotoluene

Concen: 5.387 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.36 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

Tgt Ion:165 Resp: 16836

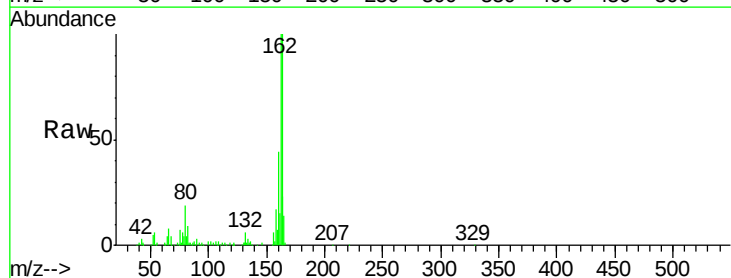
Ion Ratio Lower Upper

165 100

63 1.8 42.0 63.0#

89 2.7 66.9 100.3#

182 0.0 2.6 3.8#

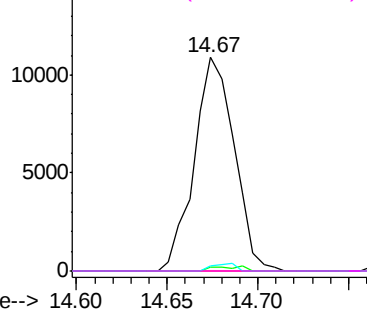


Abundance Ion 165.00 (164.70 to 165.70): E

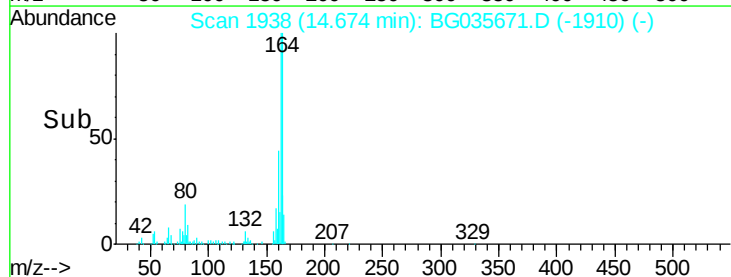
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time--> 14.60 14.65 14.70

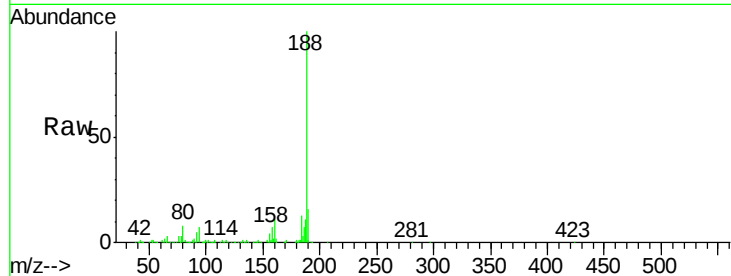




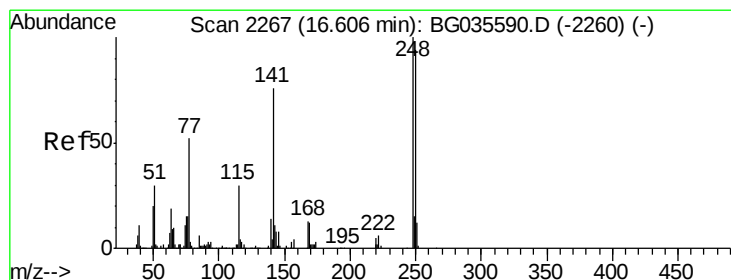
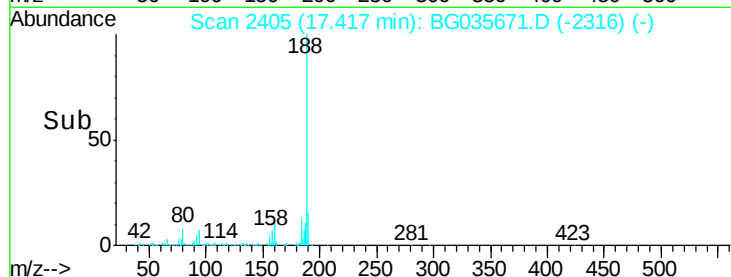
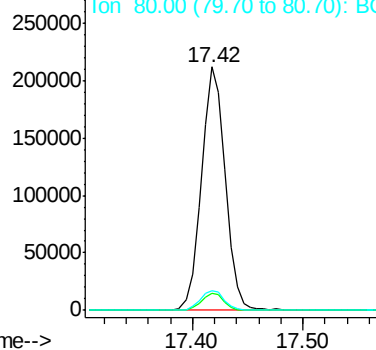
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tgt Ion:188 Resp: 320587
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.9 7.7 11.5

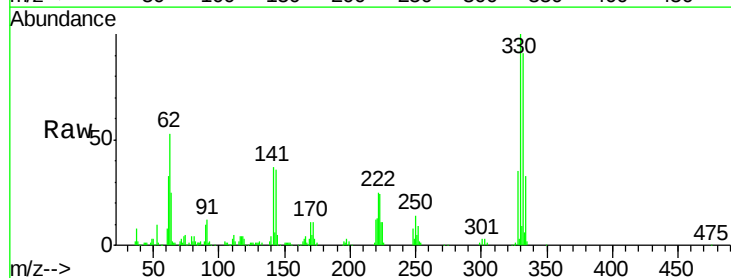


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

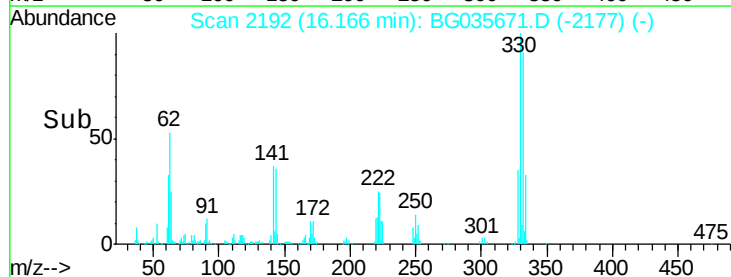
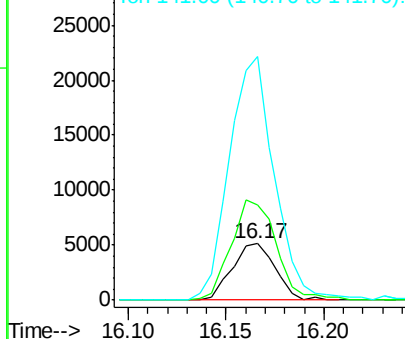


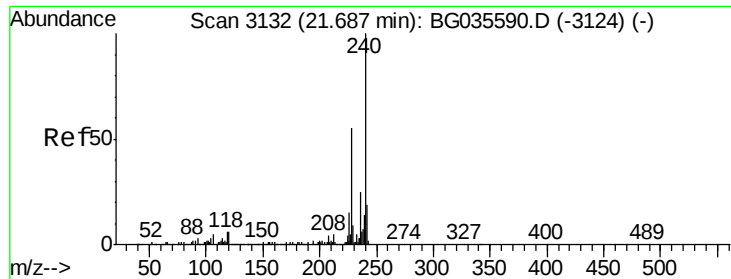
#66
4-Bromophenyl-phenylether
Concen: 2.105 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.44 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion:248 Resp: 7831
Ion Ratio Lower Upper
248 100
250 168.4 77.1 115.7#
141 431.4 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: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

Instrument :

BNA_G

ClientSampleId :

CS-CONCRETE

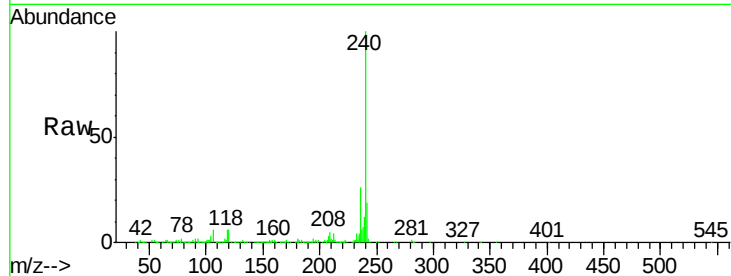
Tgt Ion:240 Resp: 321300

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

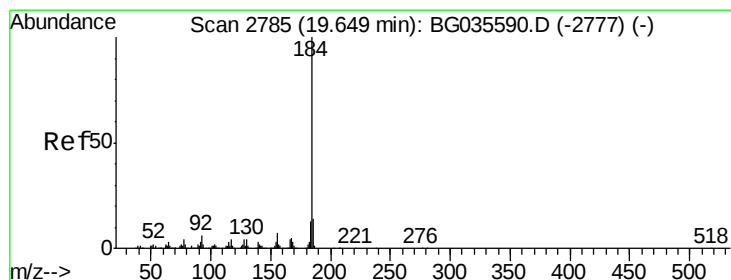
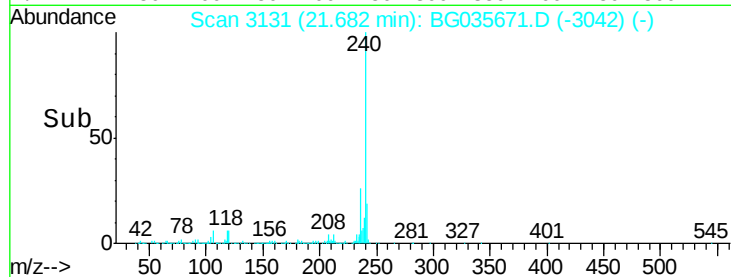
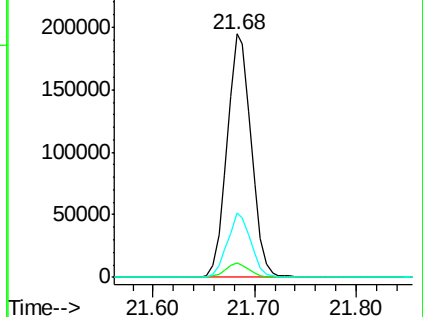
236 26.2 20.9 31.3



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: 2.581 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

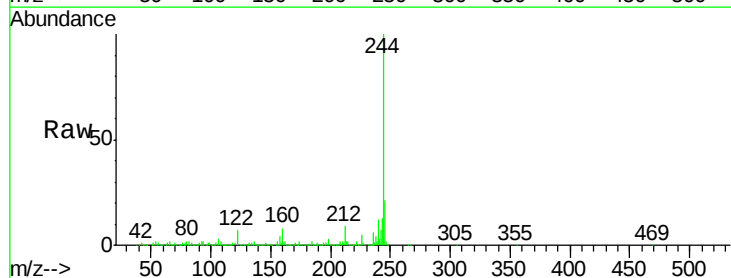
Tgt Ion:184 Resp: 21805

Ion Ratio Lower Upper

184 100

185 20.2 11.1 16.7#

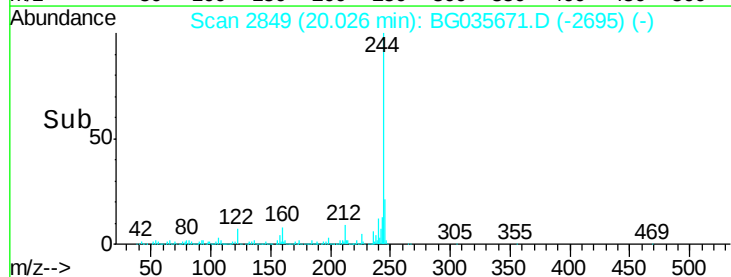
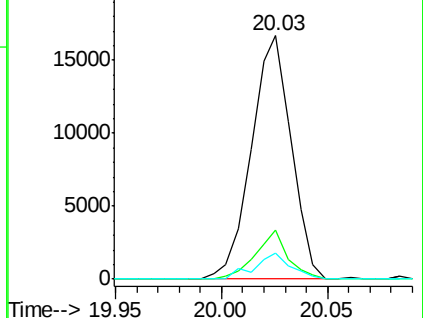
183 10.5 10.6 16.0#

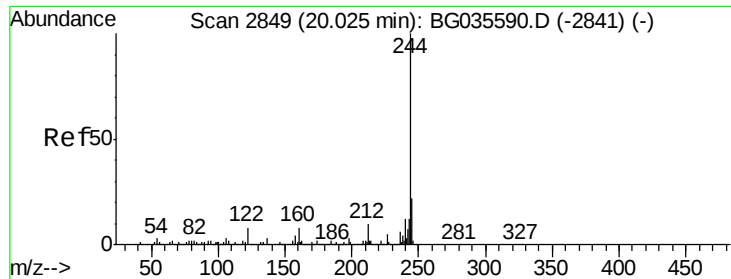


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 84.446 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

Instrument :

BNA_G

ClientSampleId :

CS-CONCRETE

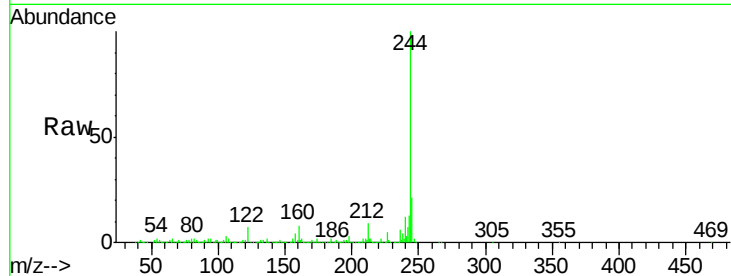
Tgt Ion:244 Resp: 1230894

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

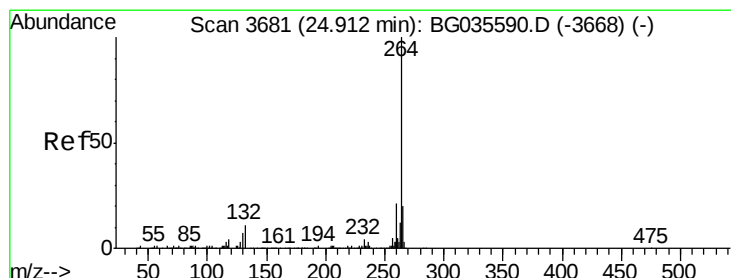
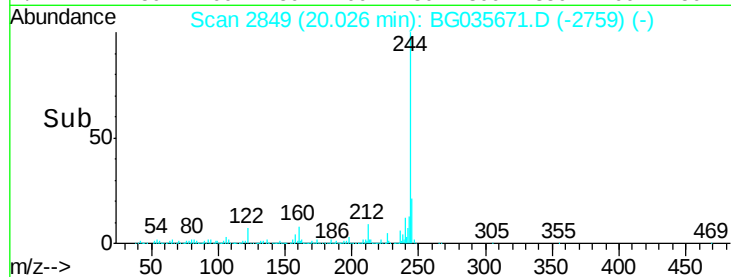
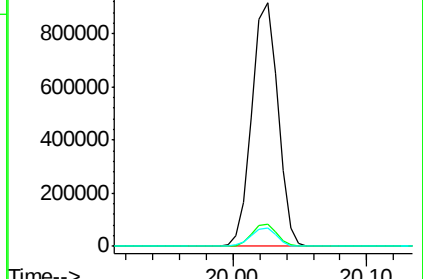
122 7.4 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

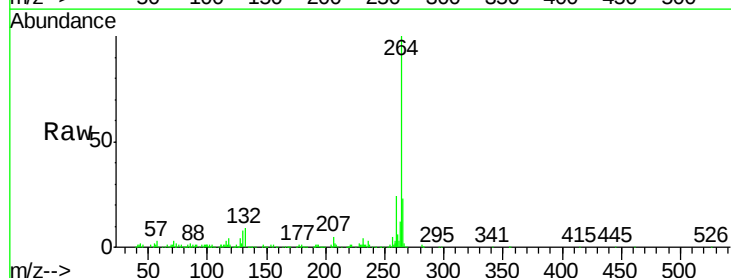
Tgt Ion:264 Resp: 310673

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.6 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

