

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071618\
 Data File : BG035668.D
 Acq On : 16 Jul 2018 14:01
 Operator : JU/SJ
 Sample : J3959-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20180712

Quant Time: Jul 16 16:25:59 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

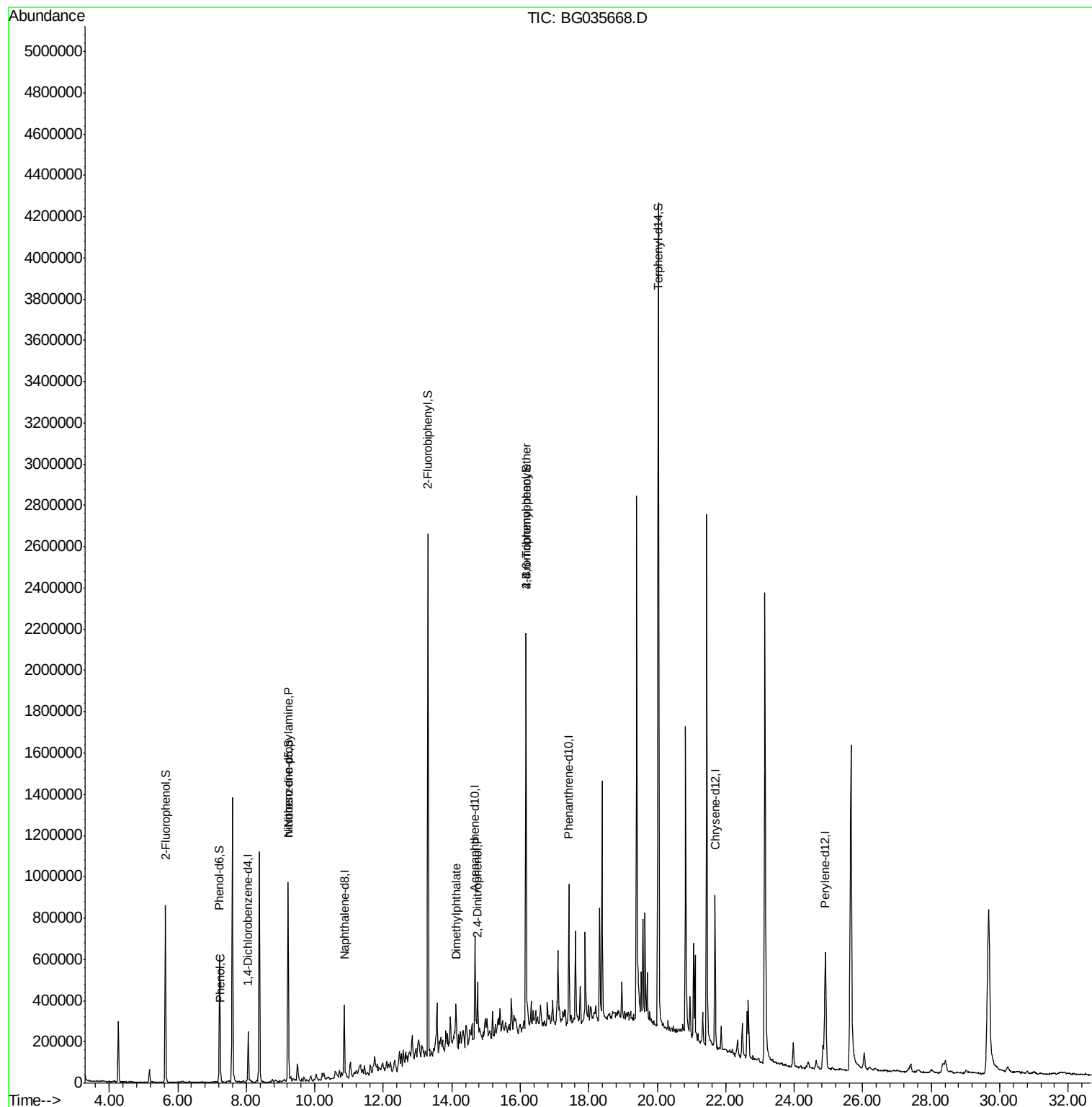
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	70898	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	261392	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	183741	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	412809	20.00	ng	0.00
75) Chrysene-d12	21.69	240	446037	20.00	ng	0.00
86) Perylene-d12	24.91	264	436774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	354163	82.94	ng	0.00
7) Phenol-d6	7.22	99	369162	57.94	ng	0.00
23) Nitrobenzene-d5	9.22	82	633363	101.22	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	357476	147.61	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1260656	91.92	ng	0.00
78) Terphenyl-d14	20.03	244	1638371	80.97	ng	0.00
Target Compounds						
10) Phenol	7.25	94	19658	3.054	ng	87
19) n-Nitroso-di-n-propylamine	9.22	70	91992	17.146	ng	# 69
49) Dimethylphthalate	14.13	163	113084	7.025	ng	# 99
53) 2,4-Dinitrophenol	14.76	184	82	6.627	ng	# 1
66) 4-Bromophenyl-phenylether	16.17	248	29236	6.104	ng	# 1

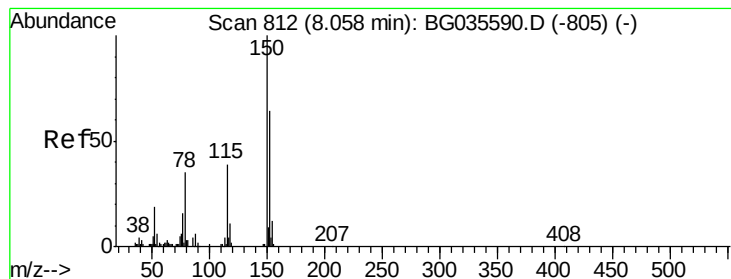
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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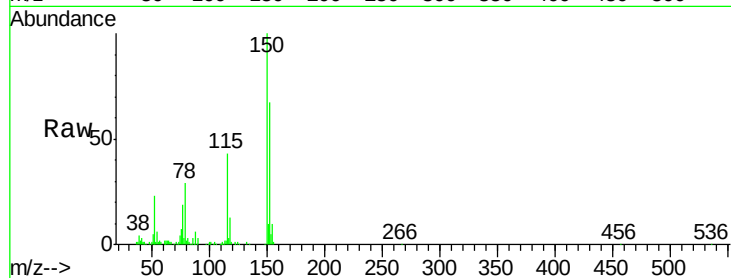


#1

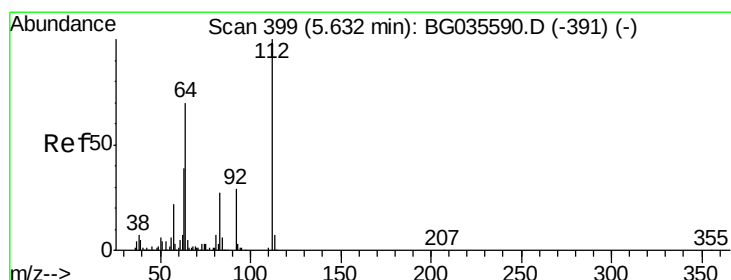
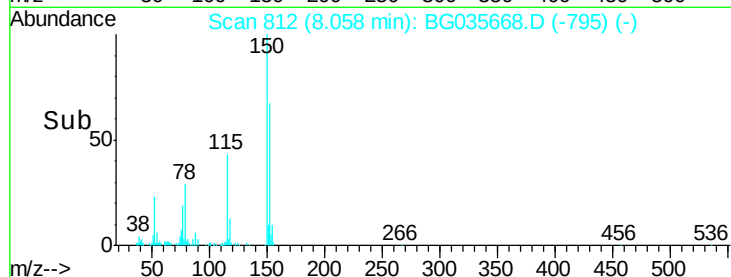
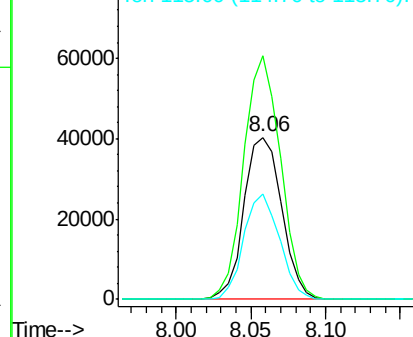
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035668.D
Acq: 16 Jul 2018 14:01

Instrument :
BNA_G
ClientSampleId :
WC-20180712

Tgt Ion:152 Resp: 70898
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 64.7 53.0 79.4



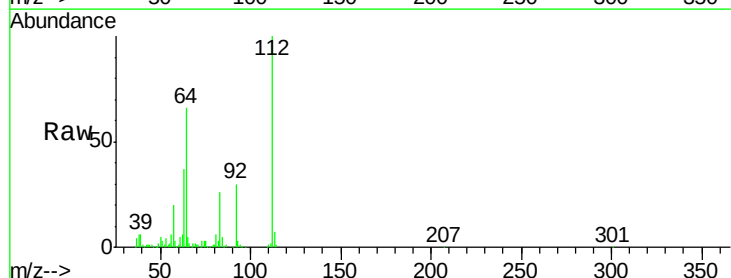
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



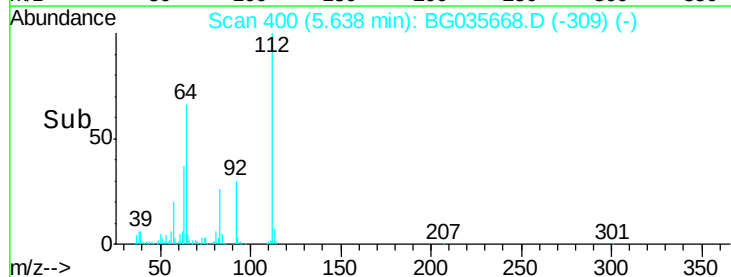
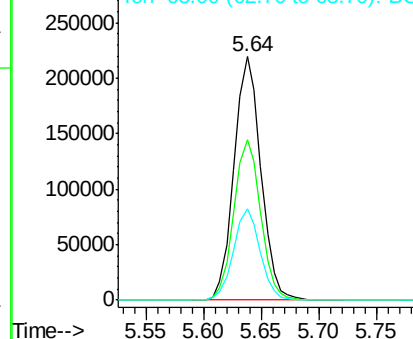
#5

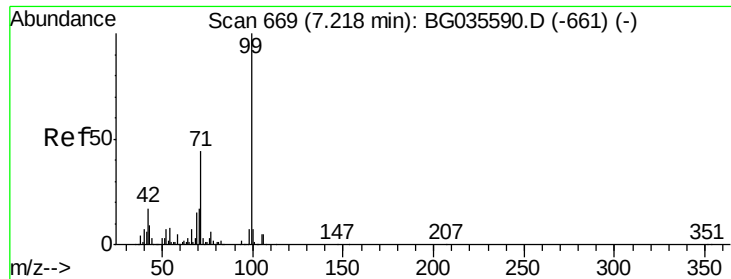
2-Fluorophenol
Concen: 82.935 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035668.D
Acq: 16 Jul 2018 14:01

Tgt Ion:112 Resp: 354163
Ion Ratio Lower Upper
112 100
64 65.9 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: 57.941 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

Instrument :

BNA_G

ClientSampleId :

WC-20180712

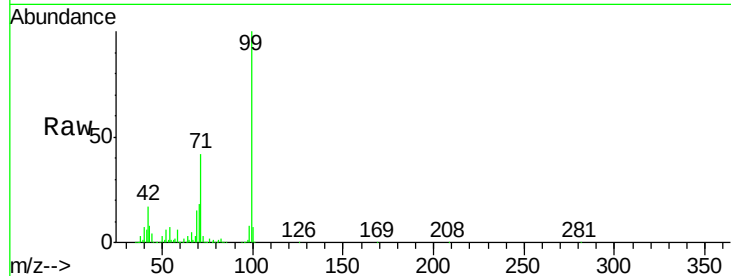
Tgt Ion: 99 Resp: 369162

Ion Ratio Lower Upper

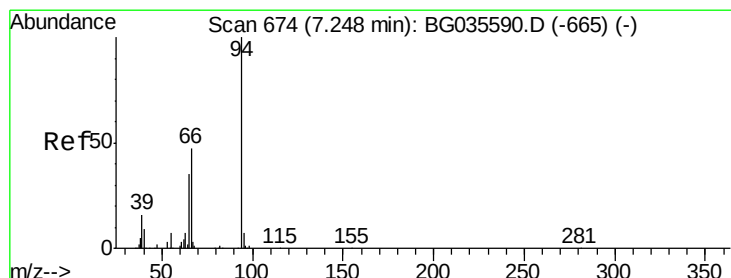
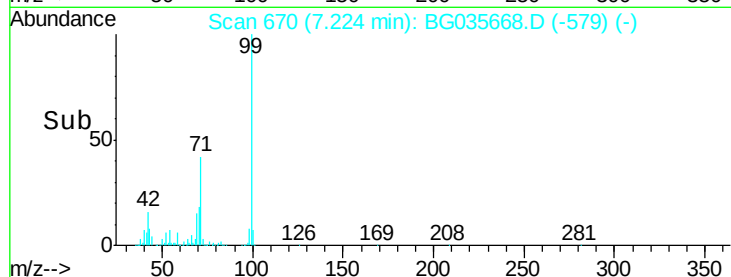
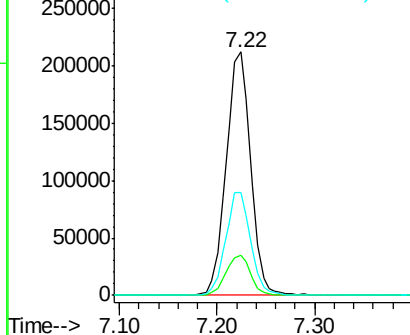
99 100

42 16.7 14.1 21.1

71 42.2 26.1 39.1#



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



#10

Phenol

Concen: 3.054 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

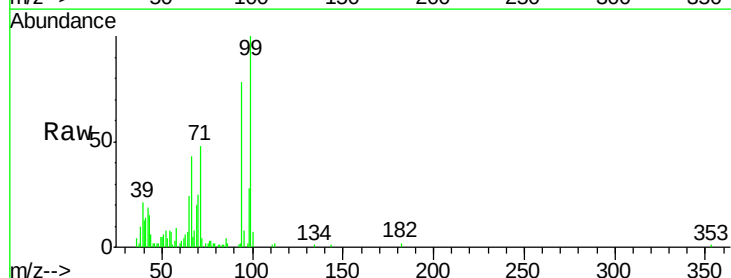
Tgt Ion: 94 Resp: 19658

Ion Ratio Lower Upper

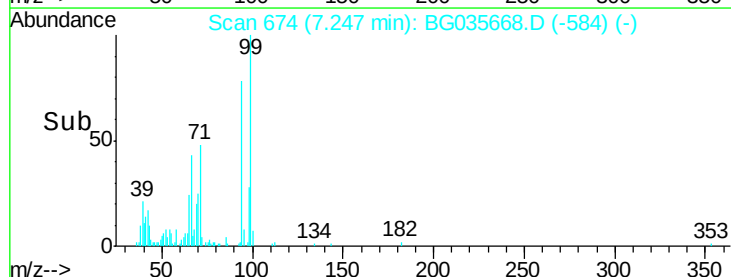
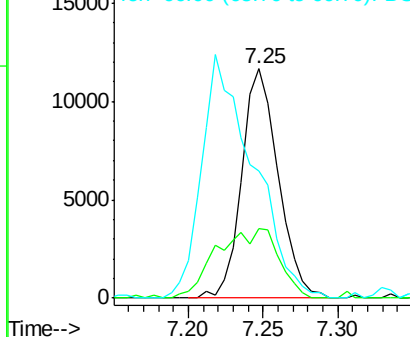
94 100

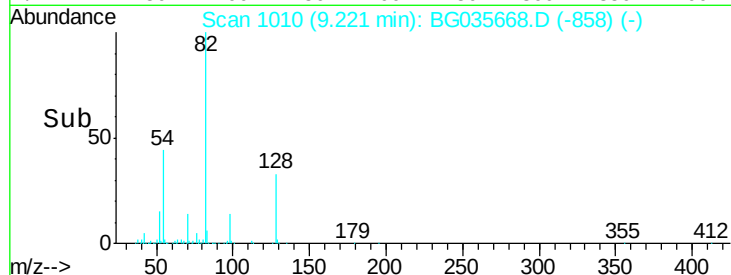
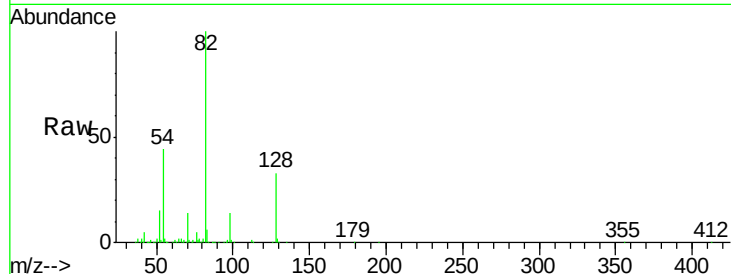
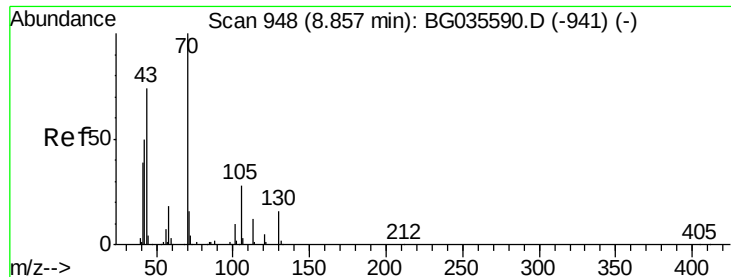
65 30.6 11.9 51.9

66 55.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

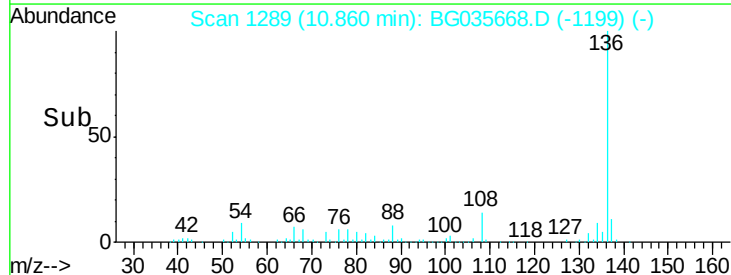
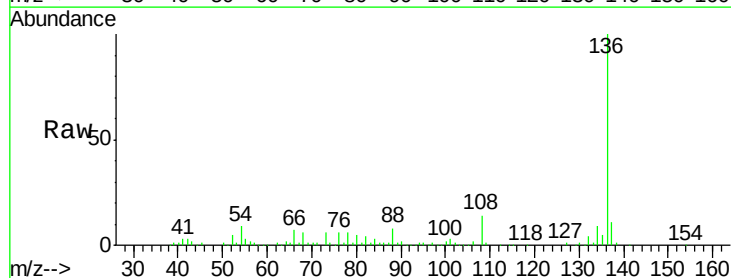
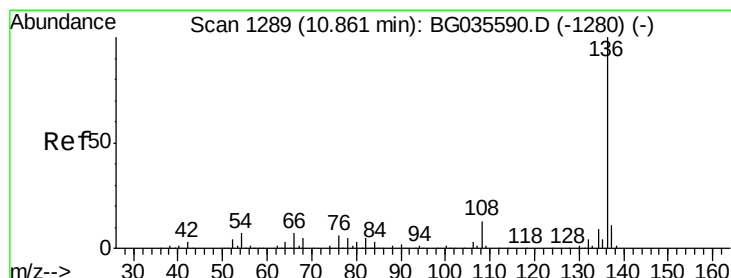
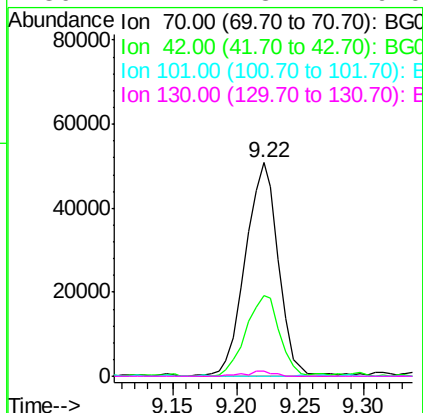




#19
n-Nitroso-di-n-propylamine
Concen: 17.146 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.36 min
Lab File: BG035668.D
Acq: 16 Jul 2018 14:01

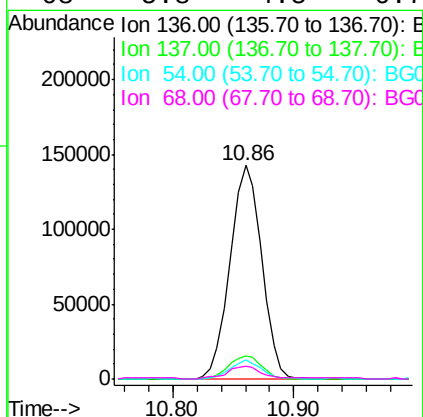
Instrument :
BNA_G
ClientSampleId :
WC-20180712

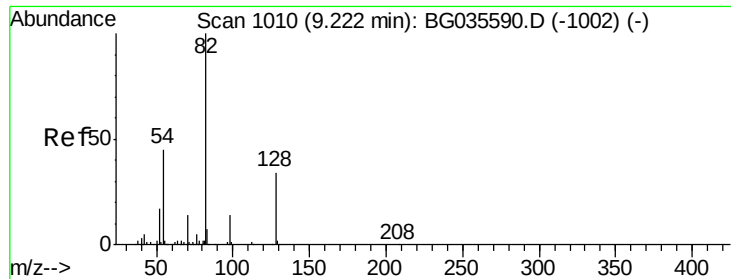
Tgt Ion: 70 Resp: 91992
Ion Ratio Lower Upper
70 100
42 37.7 49.1 73.7#
101 0.0 8.5 12.7#
130 2.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035668.D
Acq: 16 Jul 2018 14:01

Tgt Ion: 136 Resp: 261392
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.0 10.3 15.5#
68 5.8 4.5 6.7

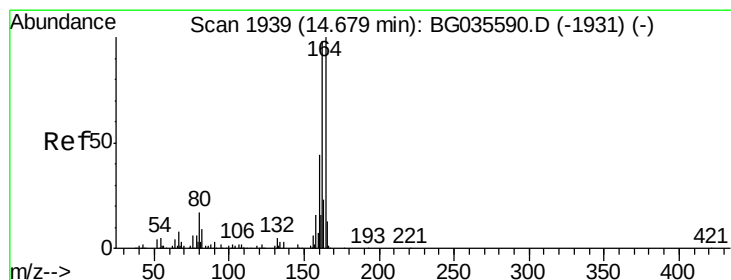
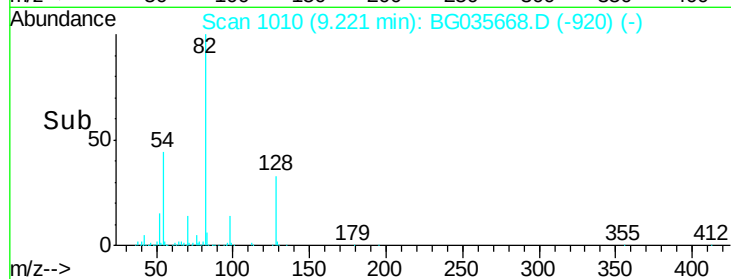
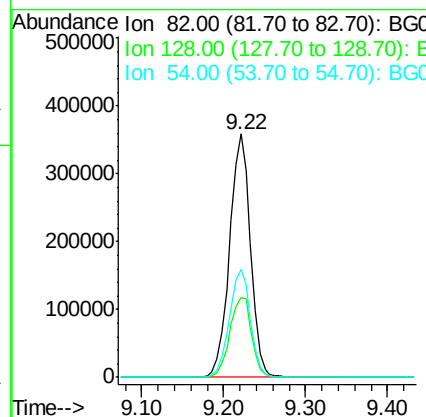
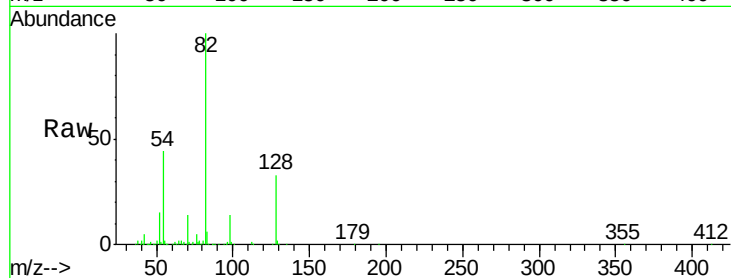




#23
 Nitrobenzene-d5
 Concen: 101.222 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG035668.D
 Acq: 16 Jul 2018 14:01

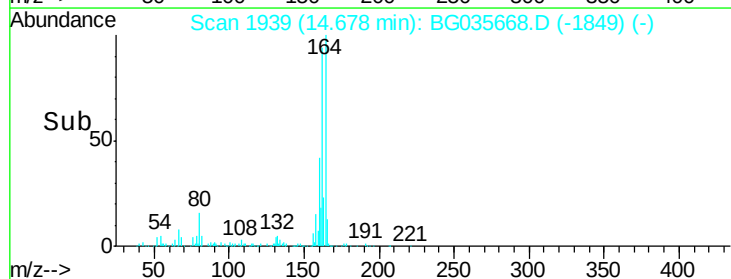
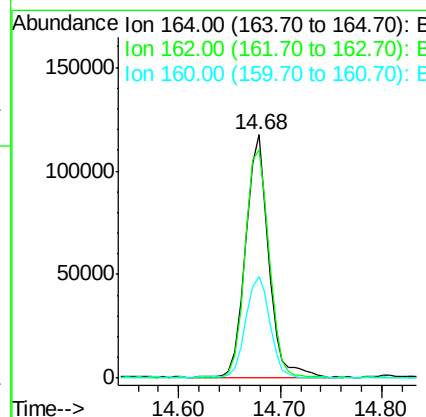
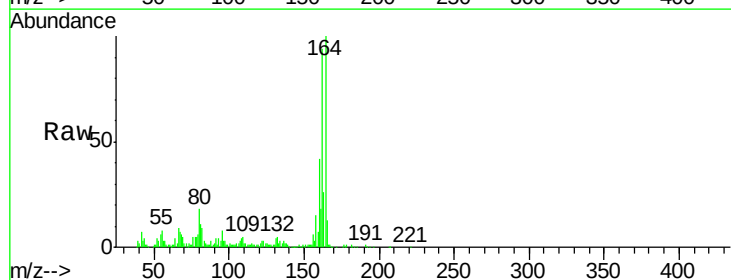
Instrument :
 BNA_G
 ClientSampleId :
 WC-20180712

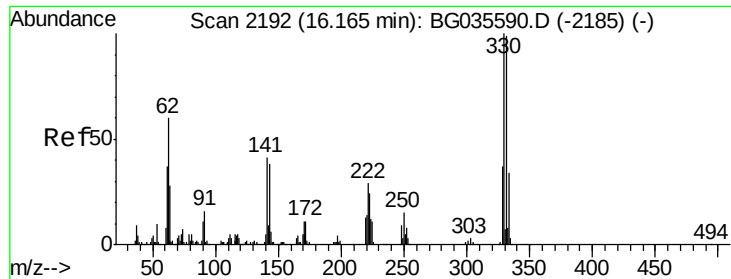
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.0	29.7	44.5
54	44.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG035668.D
 Acq: 16 Jul 2018 14:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.6	78.8	118.2
160	41.7	35.4	53.0

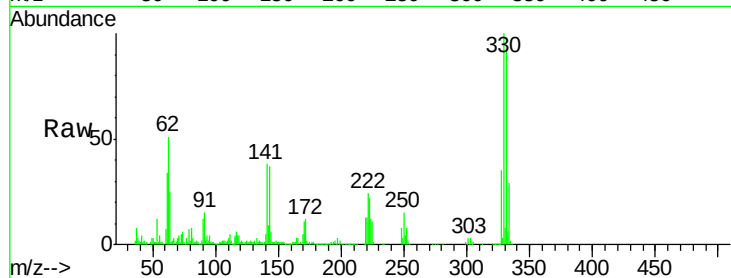




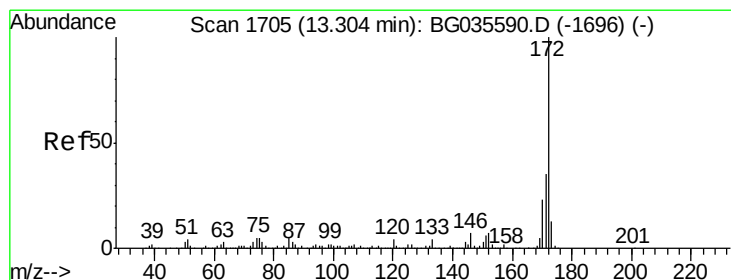
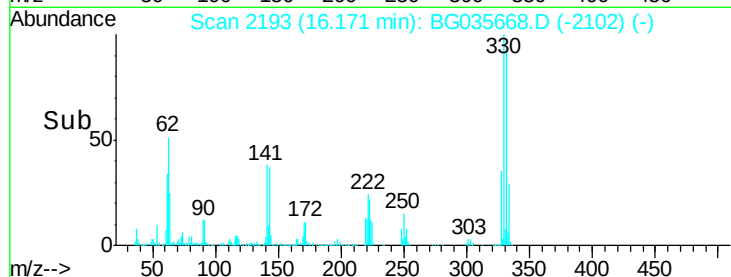
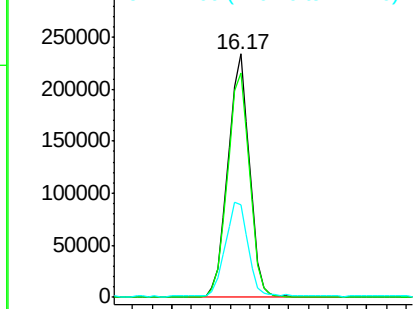
#41
 2,4,6-Tribromophenol
 Concen: 147.606 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. 0.01 min
 Lab File: BG035668.D
 Acq: 16 Jul 2018 14:01

Instrument :
 BNA_G
 ClientSampleId :
 WC-20180712

Tgt Ion:330 Resp: 357476
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 40.5 25.2 37.8#

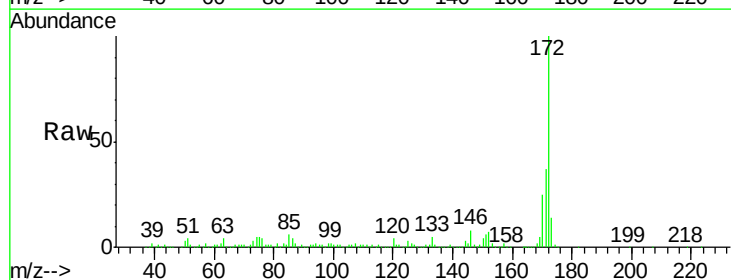


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

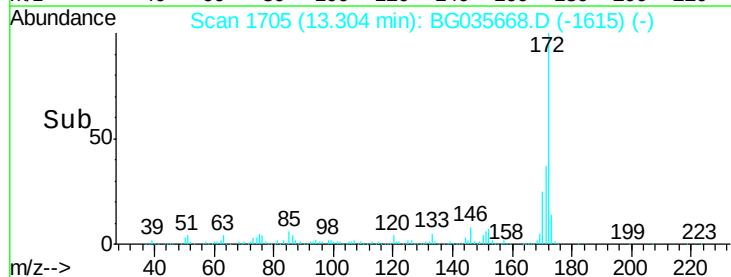
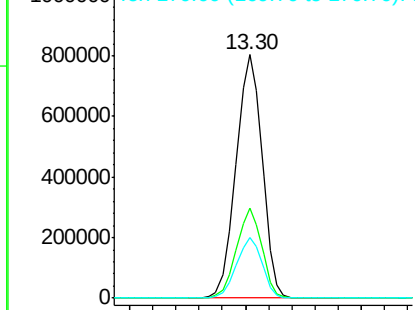


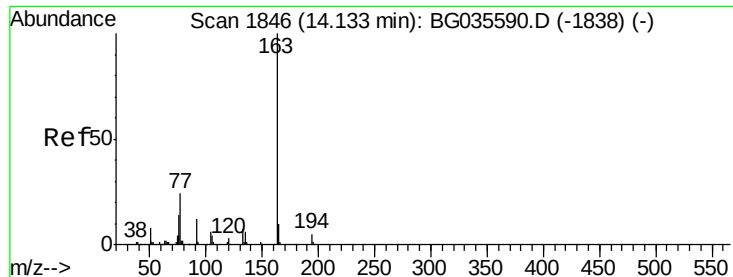
#44
 2-Fluorobiphenyl
 Concen: 91.920 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG035668.D
 Acq: 16 Jul 2018 14:01

Tgt Ion:172 Resp: 1260656
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 24.9 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





#49

Dimethylphthalate

Concen: 7.025 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

Instrument :

BNA_G

ClientSampleId :

WC-20180712

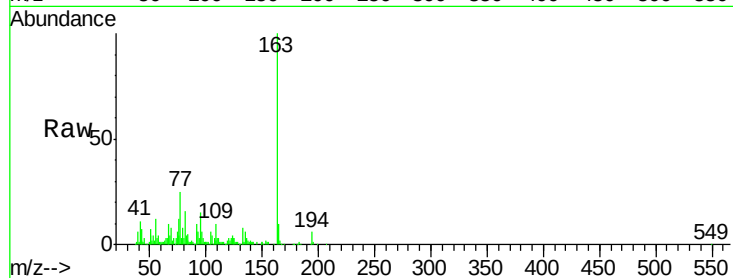
Tgt Ion:163 Resp: 113084

Ion Ratio Lower Upper

163 100

194 5.6 3.4 5.2#

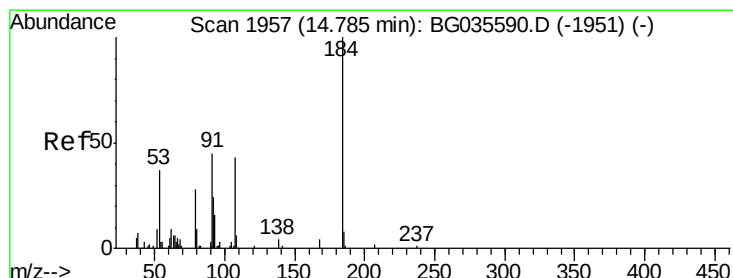
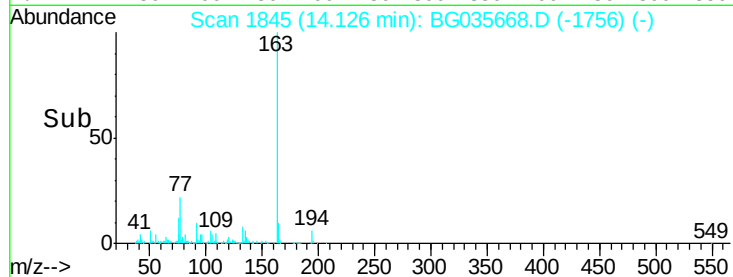
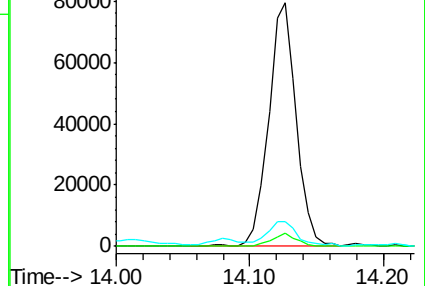
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 6.627 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

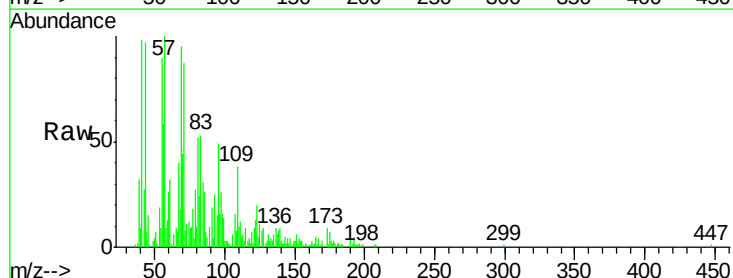
Tgt Ion:184 Resp: 82

Ion Ratio Lower Upper

184 100

63 593.2 59.8 89.8#

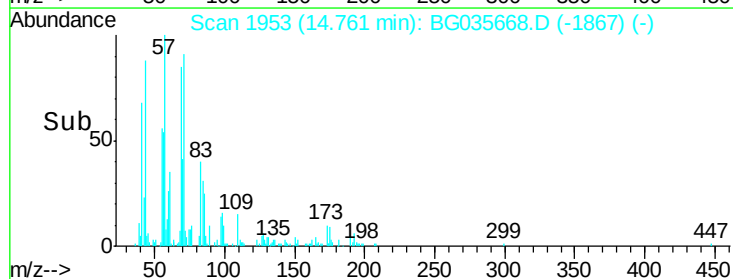
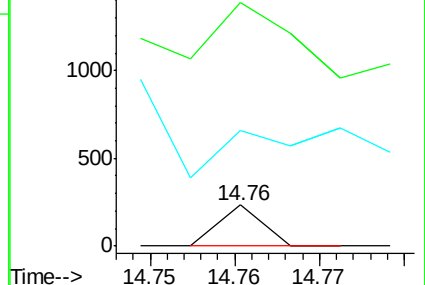
154 280.3 101.8 152.8#

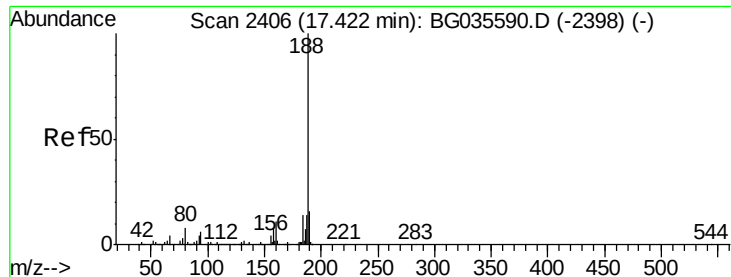


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

Instrument :

BNA_G

ClientSampleId :

WC-20180712

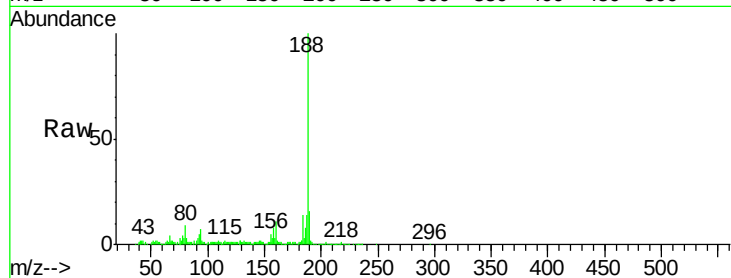
Tgt Ion:188 Resp: 412809

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

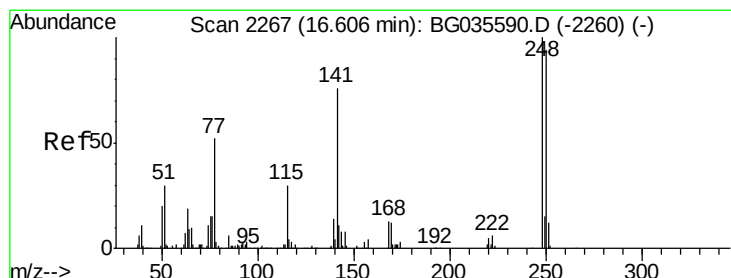
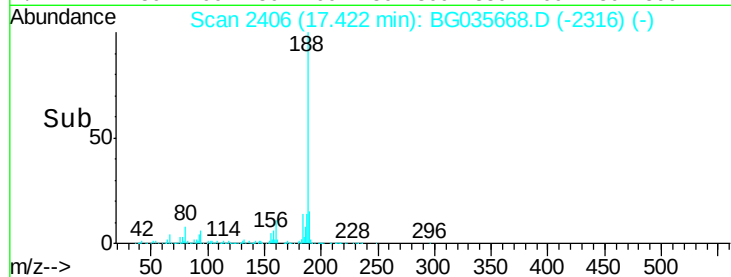
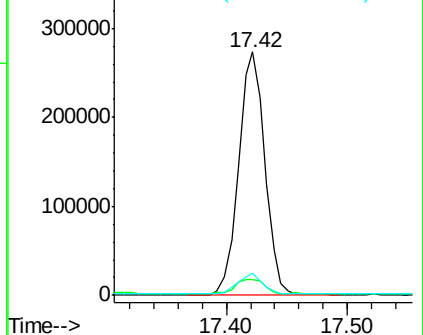
80 8.9 7.7 11.5



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: 6.104 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.44 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

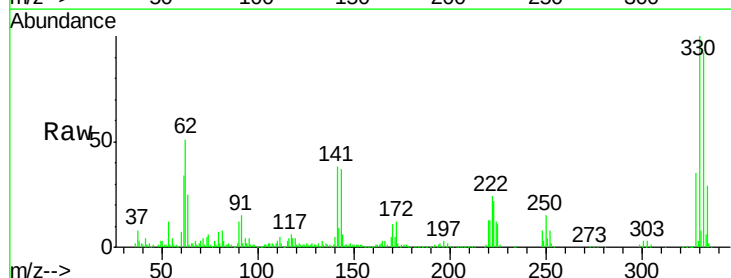
Tgt Ion:248 Resp: 29236

Ion Ratio Lower Upper

248 100

250 176.7 77.1 115.7#

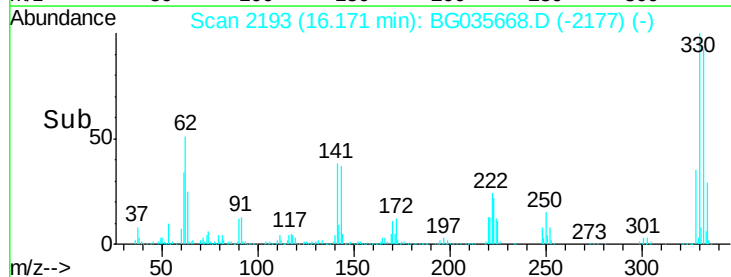
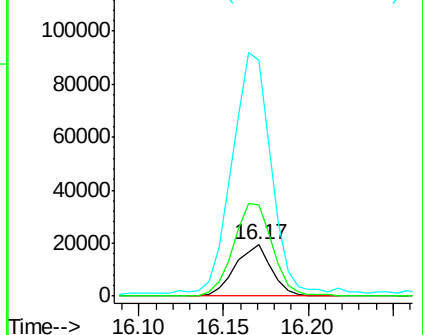
141 459.6 50.8 76.2#

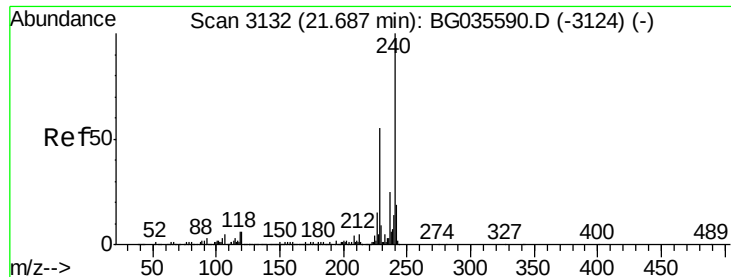


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.00 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

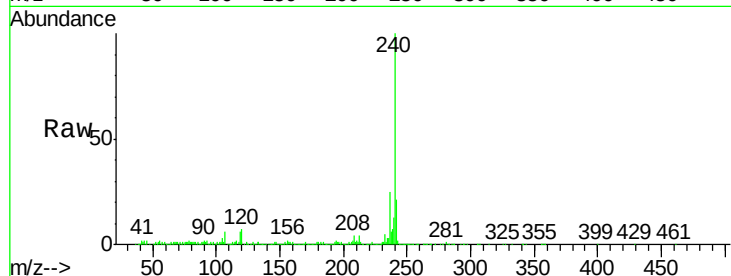
Instrument :

BNA_G

ClientSampleId :

WC-20180712

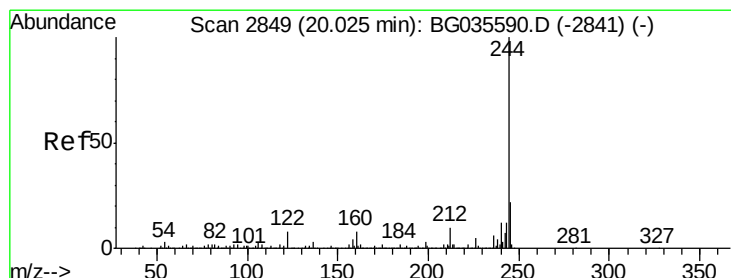
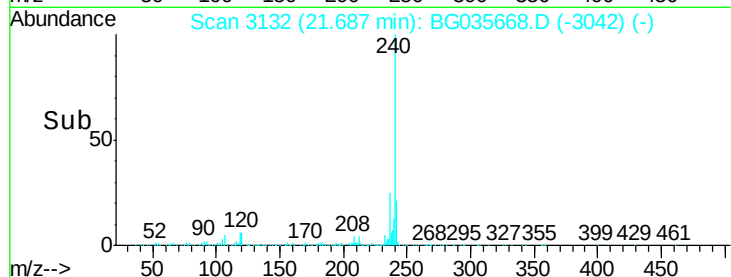
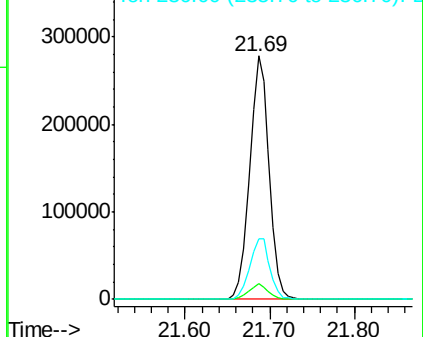
Tgt Ion:	240	Resp:	446037
Ion Ratio	Lower	Upper	
240	100		
120	6.6	6.8	10.2#
236	25.1	20.9	31.3



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: 80.968 ng

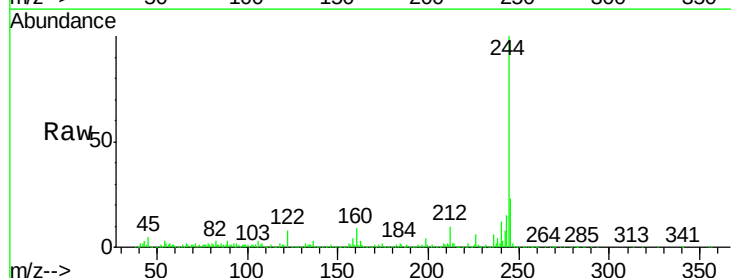
RT: 20.03 min Scan# 2850

Delta R.T. 0.01 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

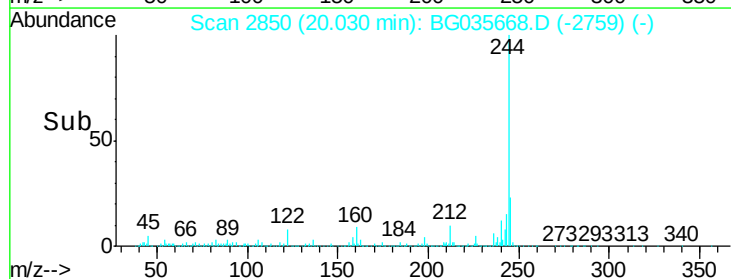
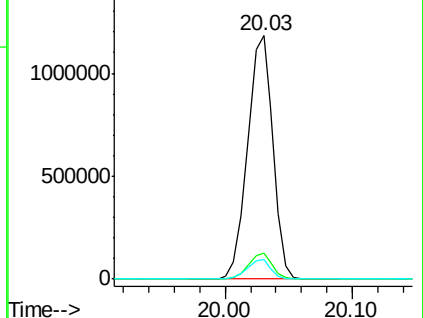
Tgt Ion:	244	Resp:	1638371
Ion Ratio	Lower	Upper	
244	100		
212	10.4	5.8	8.8#
122	7.9	7.0	10.4

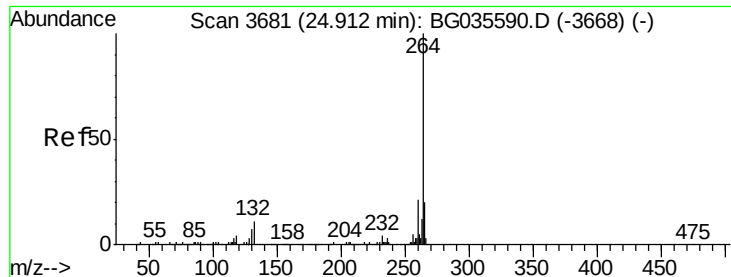


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

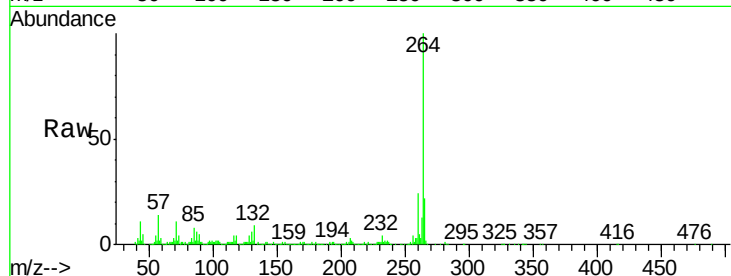




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG035668.D
Acq: 16 Jul 2018 14:01

Instrument :
BNA_G
ClientSampleId :
WC-20180712

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.7	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

