

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021689.D
 Acq On : 15 Apr 2016 15:57
 Operator : UM/SJ
 Sample : H2376-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Time: Apr 15 16:38:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

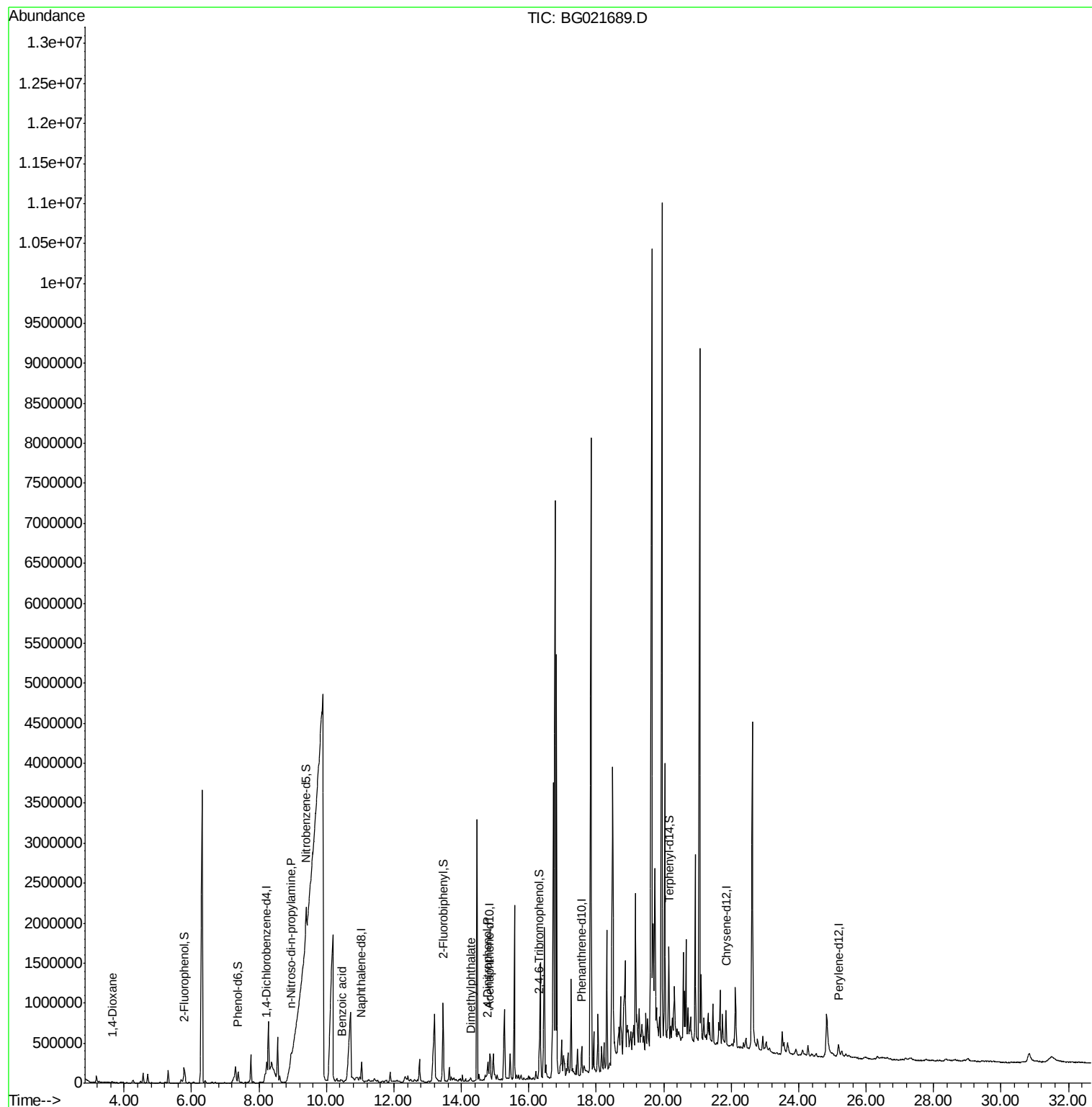
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	44871	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	184084	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	102823	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	213340	20.00	ng	0.00
75) Chrysene-d12	21.84	240	238926	20.00	ng	0.00
86) Perylene-d12	25.18	264	185810	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	81858	30.38	ng	0.03
7) Phenol-d6	7.38	99	75055	18.65	ng	0.02
23) Nitrobenzene-d5	9.39	82	250039	69.82	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	88968	80.28	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	468064	66.70	ng	0.00
78) Terphenyl-d14	20.15	244	442238	46.18	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.64	88	9633	8.03	ng	# 76
19) n-Nitroso-di-n-propylamine	8.95	70	56949	18.21	ng	# 49
32) Benzoic acid	10.46	122	3151	6.17	ng	# 22
49) Dimethylphthalate	14.28	163	27604	3.10	ng	98
53) 2,4-Dinitrophenol	14.78	184	142	7.66	ng	# 13

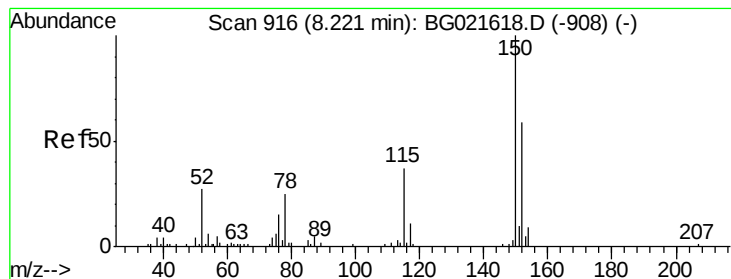
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.23 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG021689.D

Acq: 15 Apr 2016 15:57

Instrument :

BNA_G

ClientSampleId :

EFF-WW

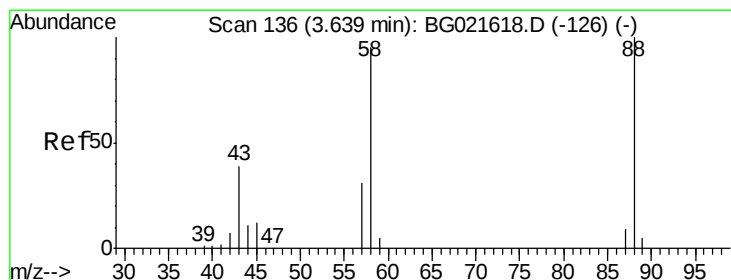
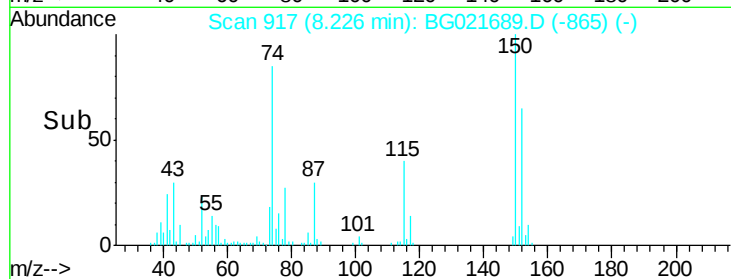
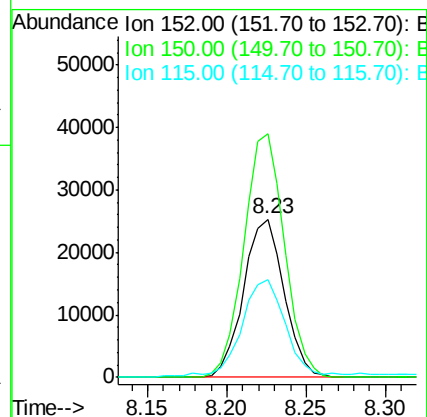
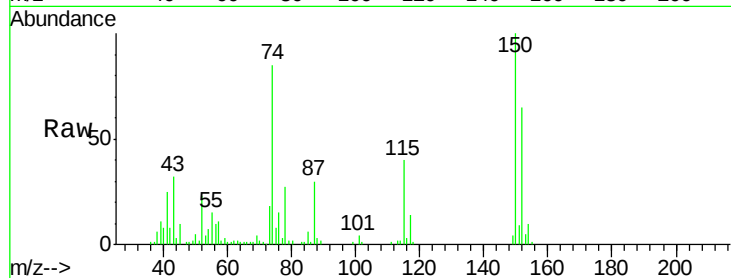
Tgt Ion:152 Resp: 44871

Ion Ratio Lower Upper

152 100

150 154.2 130.1 195.1

115 61.9 62.2 93.2#



#2

1,4-Dioxane

Concen: 8.03 ng

RT: 3.64 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG021689.D

Acq: 15 Apr 2016 15:57

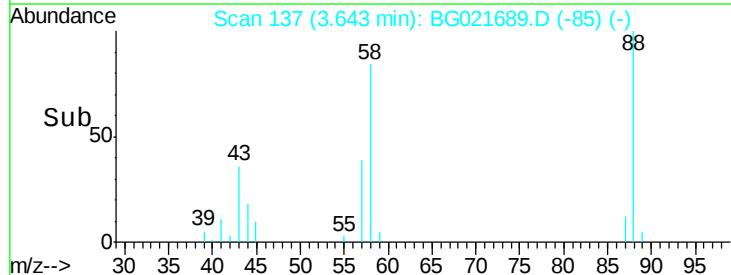
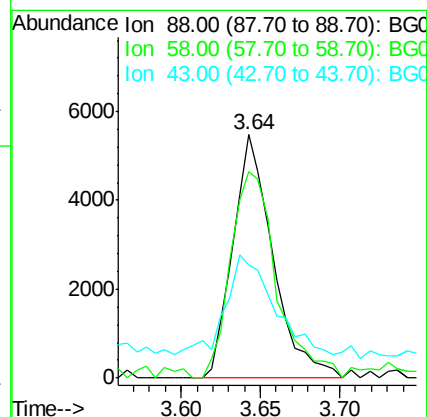
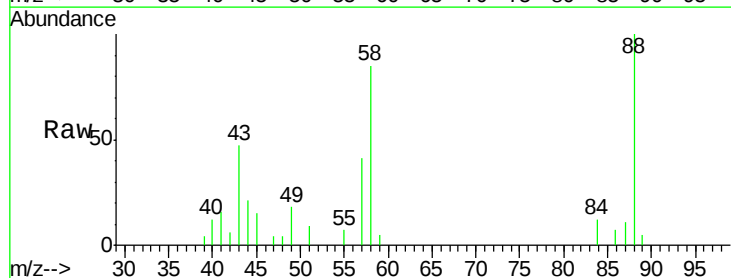
Tgt Ion: 88 Resp: 9633

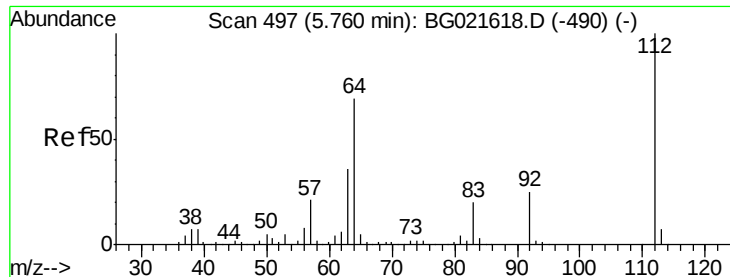
Ion Ratio Lower Upper

88 100

58 97.1 61.8 92.8#

43 49.3 27.3 40.9#





#5

2-Fluorophenol

Concen: 30.38 ng

RT: 5.79 min Scan# 502

Delta R.T. 0.03 min

Lab File: BG021689.D

Acq: 15 Apr 2016 15:57

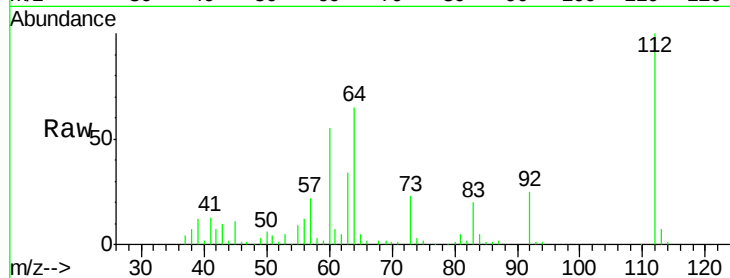
Instrument :

BNA_G

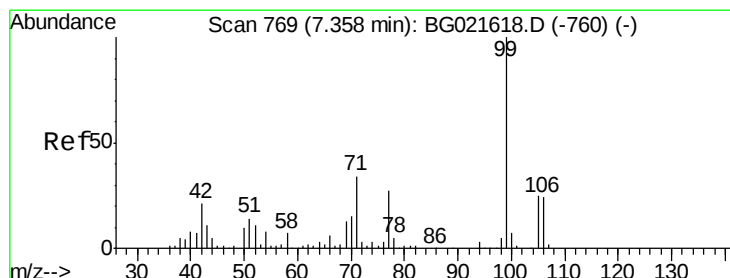
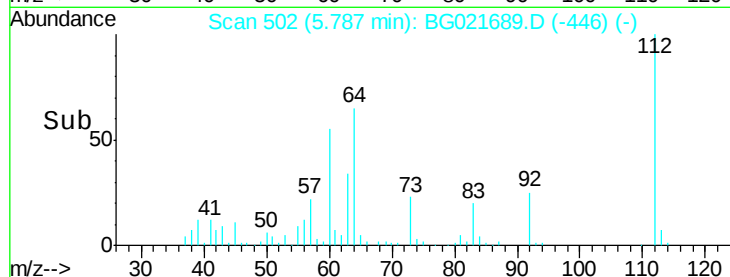
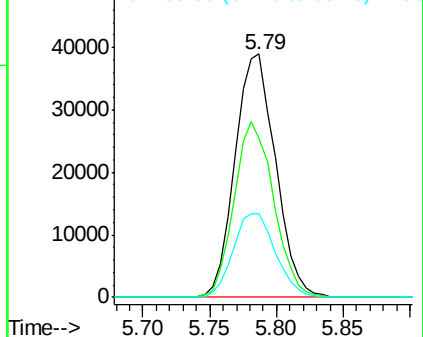
ClientSampleId :

EFF-WW

Tgt Ion:	112	Resp:	81858
Ion	Ratio	Lower	Upper
112	100		
64	65.3	51.1	76.7
63	34.3	24.6	37.0



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



#7

Phenol-d6

Concen: 18.65 ng

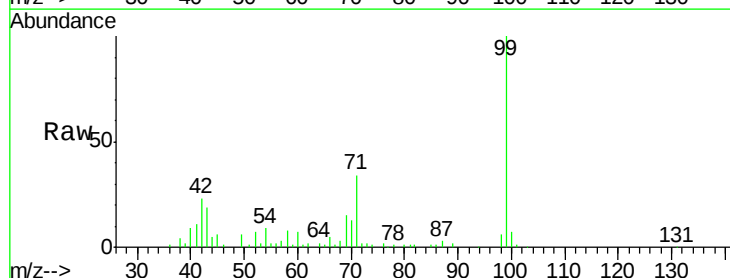
RT: 7.38 min Scan# 773

Delta R.T. 0.02 min

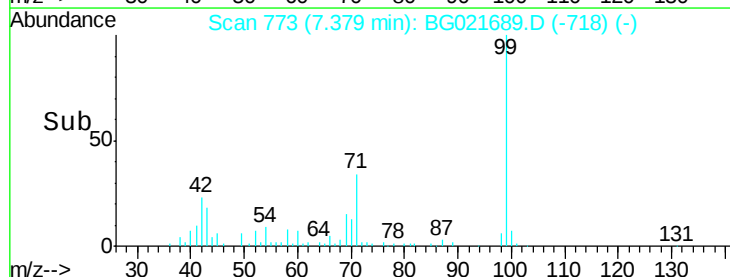
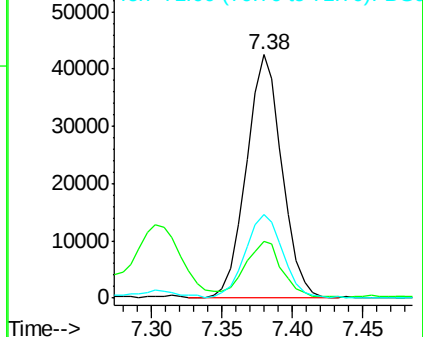
Lab File: BG021689.D

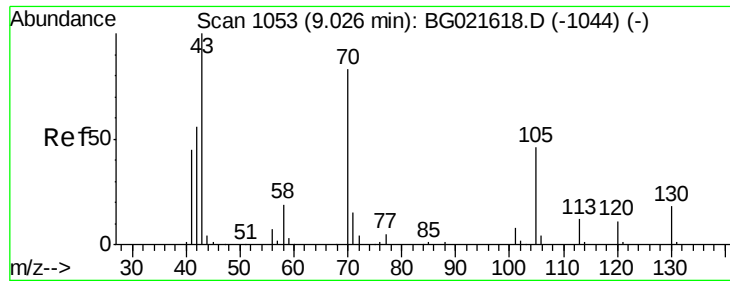
Acq: 15 Apr 2016 15:57

Tgt Ion:	99	Resp:	75055
Ion	Ratio	Lower	Upper
99	100		
42	23.1	16.4	24.6
71	34.3	25.0	37.4



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

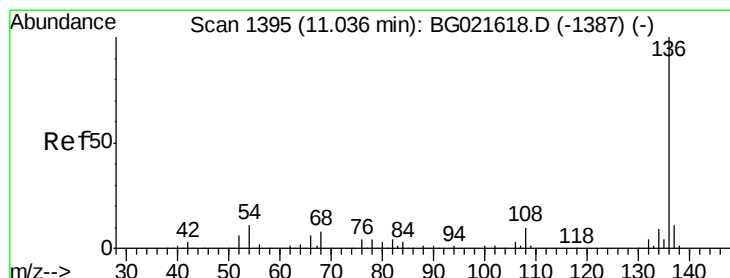
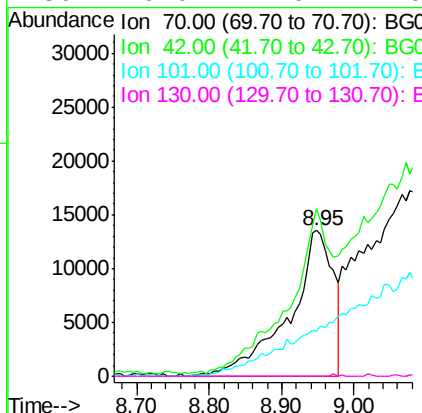
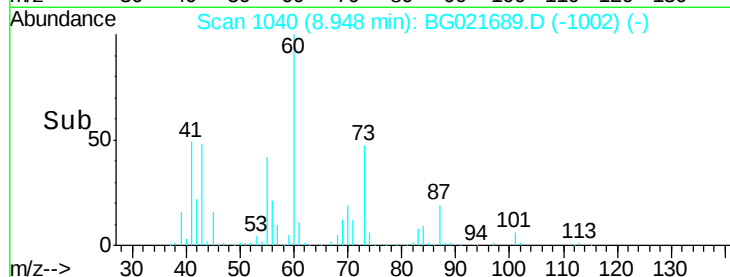
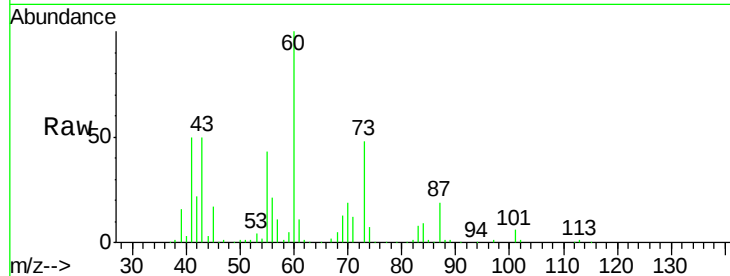




#19
n-Nitroso-di-n-propylamine
Concen: 18.21 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.08 min
Lab File: BG021689.D
Acq: 15 Apr 2016 15:57

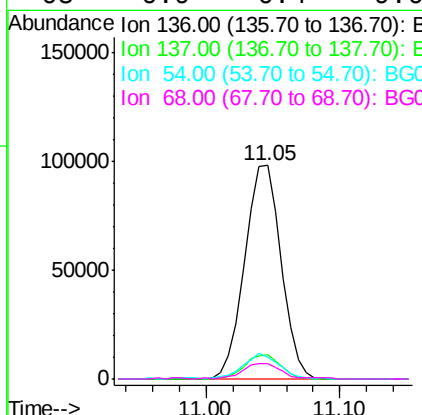
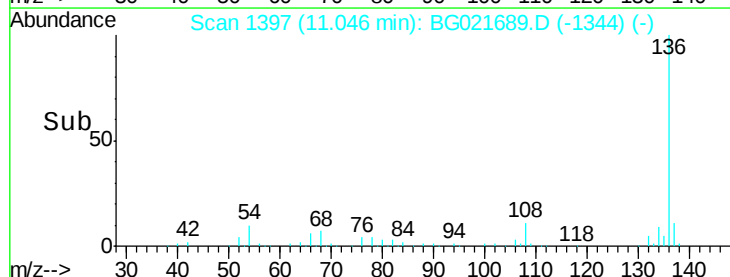
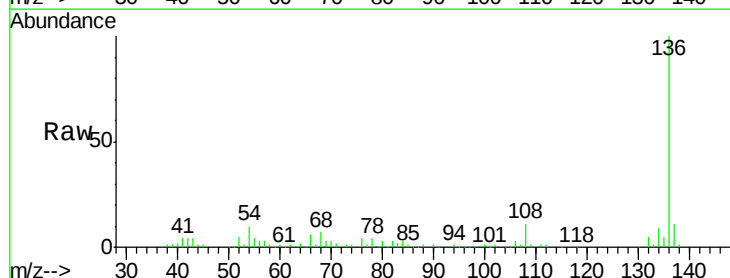
Instrument :
BNA_G
ClientSampleId :
EFF-WW

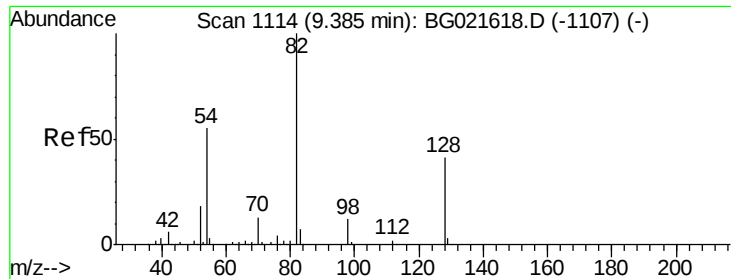
Tgt Ion: 70 Resp: 56949
Ion Ratio Lower Upper
70 100
42 115.3 56.7 85.1#
101 30.5 8.2 12.4#
130 0.0 14.0 21.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BG021689.D
Acq: 15 Apr 2016 15:57

Tgt Ion: 136 Resp: 184084
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.5 9.6 14.4
68 6.9 6.4 9.6

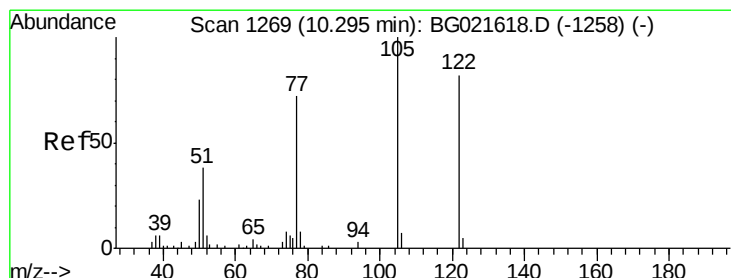
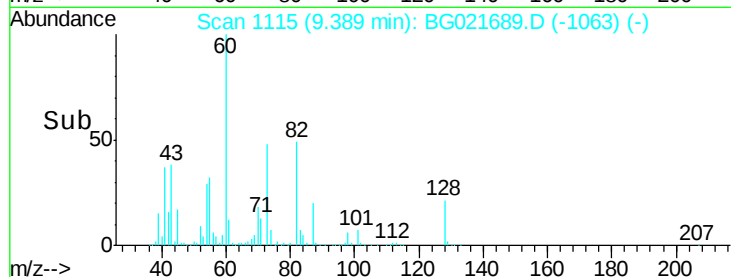
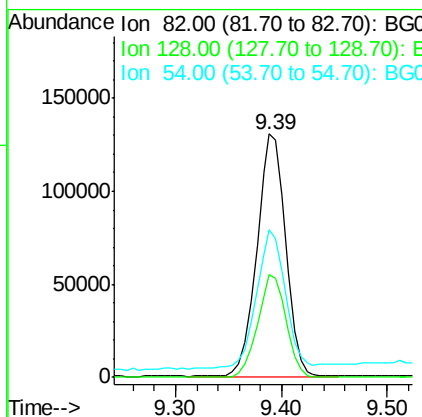
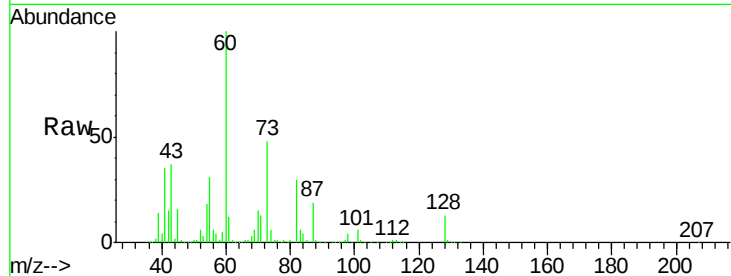




#23
 Nitrobenzene-d5
 Concen: 69.82 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BG021689.D
 Acq: 15 Apr 2016 15:57

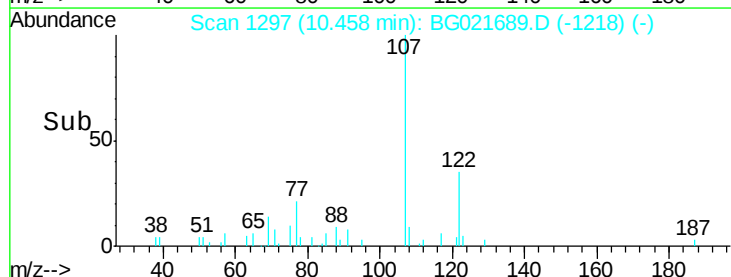
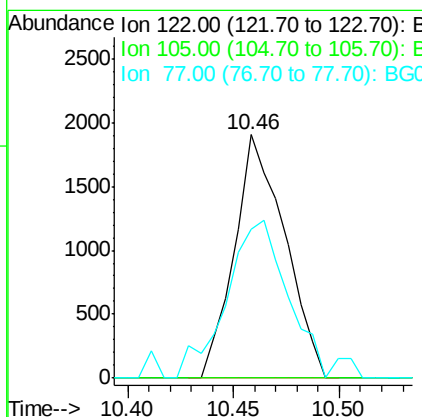
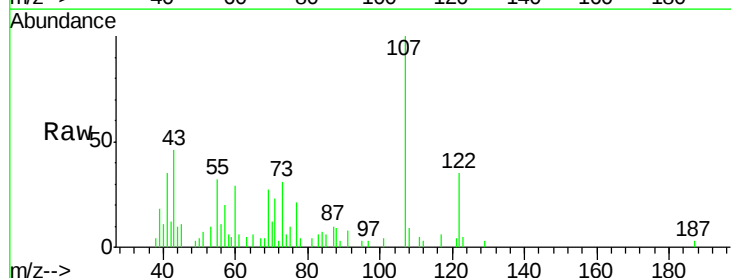
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

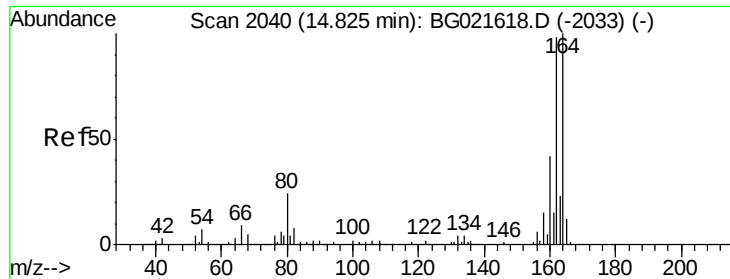
Tgt Ion: 82 Resp: 250039
 Ion Ratio Lower Upper
 82 100
 128 42.2 33.4 50.0
 54 60.8 46.1 69.1



#32
 Benzoic acid
 Concen: 6.17 ng
 RT: 10.46 min Scan# 1297
 Delta R.T. 0.16 min
 Lab File: BG021689.D
 Acq: 15 Apr 2016 15:57

Tgt Ion: 122 Resp: 3151
 Ion Ratio Lower Upper
 122 100
 105 0.0 104.5 144.5#
 77 61.1 79.9 119.9#

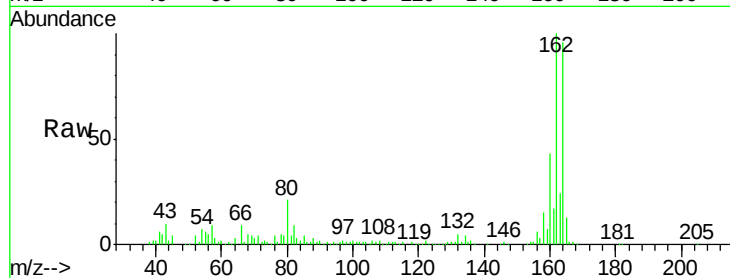




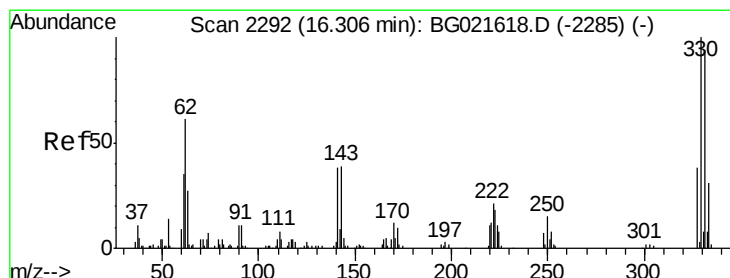
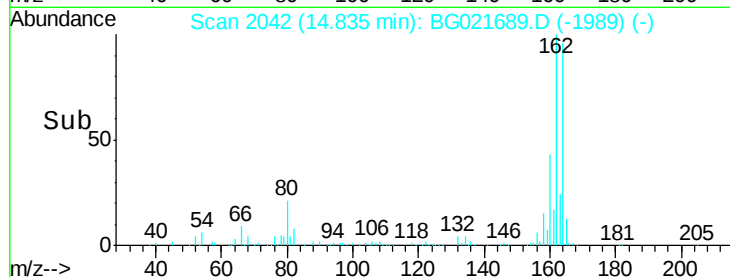
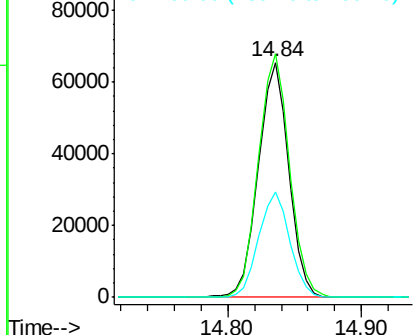
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.84 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BG021689.D
 Acq: 15 Apr 2016 15:57

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Tgt Ion:164 Resp: 102823
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.0 117.0
 160 44.9 32.9 49.3

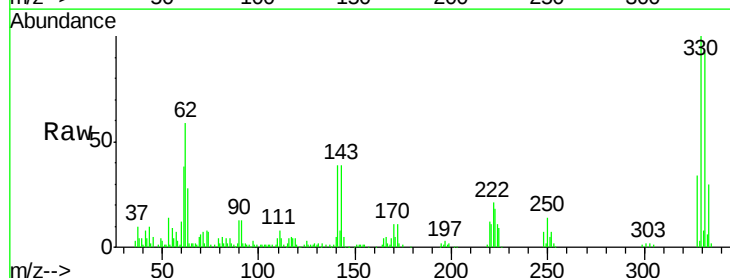


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

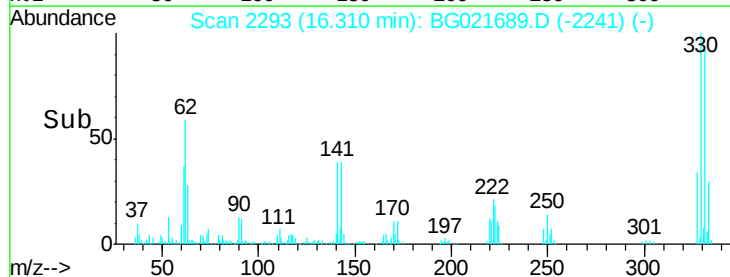
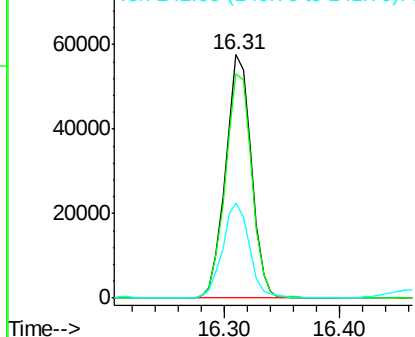


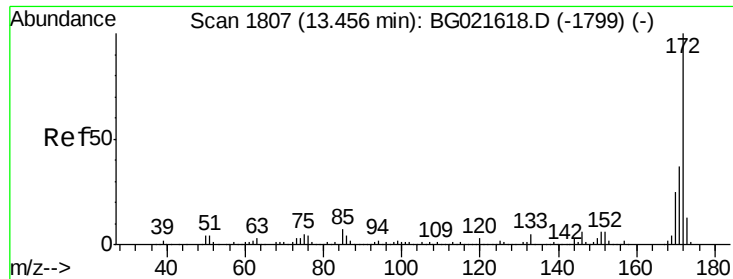
#41
 2,4,6-Tribromophenol
 Concen: 80.28 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG021689.D
 Acq: 15 Apr 2016 15:57

Tgt Ion:330 Resp: 88968
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.0 117.0
 141 41.1 33.8 50.8



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

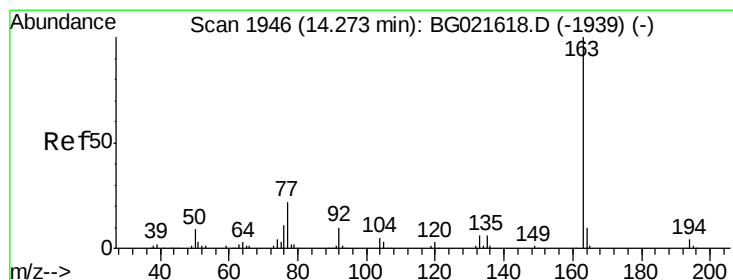
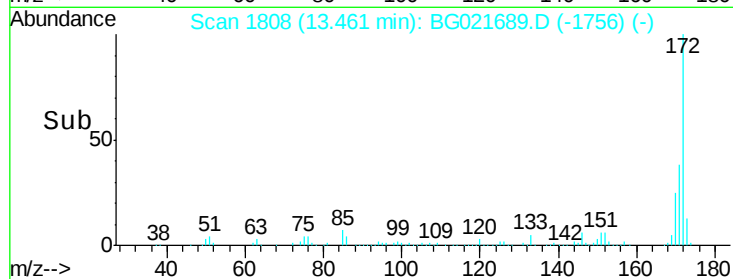
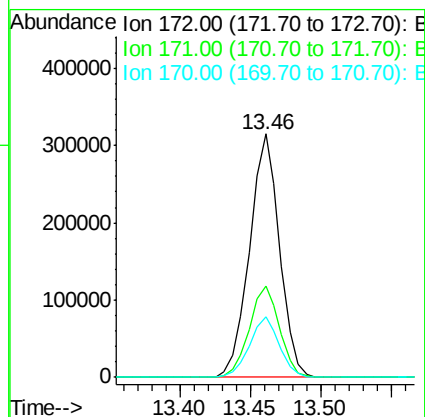
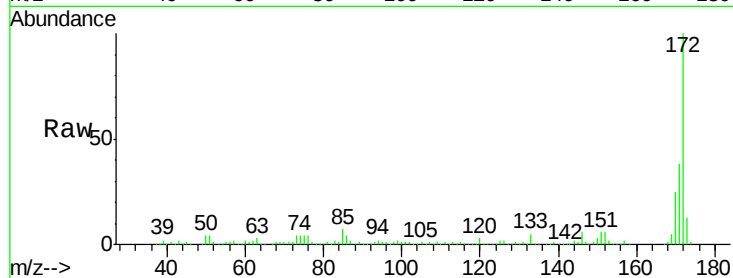




#44
2-Fluorobiphenyl
Concen: 66.70 ng
RT: 13.46 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BG021689.D
Acq: 15 Apr 2016 15:57

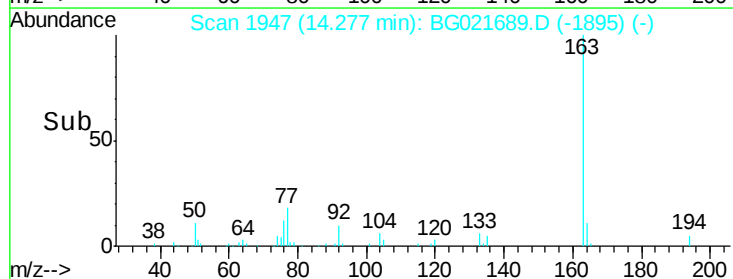
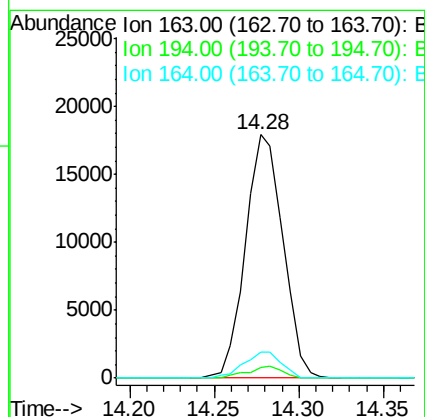
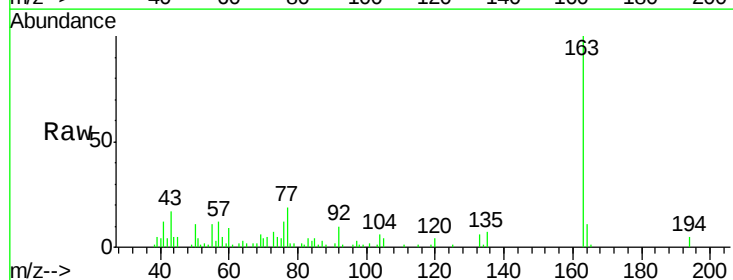
Instrument :
BNA_G
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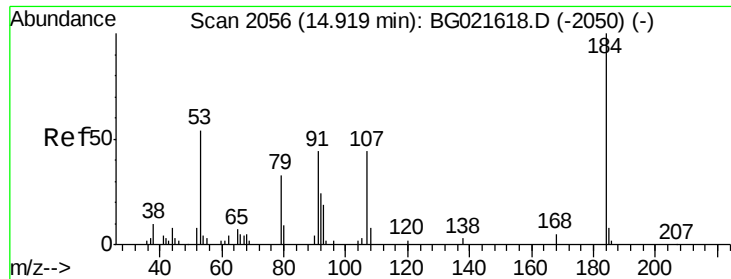
Tgt Ion:172 Resp: 468064
Ion Ratio Lower Upper
172 100
171 37.6 27.8 41.6
170 24.8 19.6 29.4



#49
Dimethylphthalate
Concen: 3.10 ng
RT: 14.28 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG021689.D
Acq: 15 Apr 2016 15:57

Tgt Ion:163 Resp: 27604
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.9 8.1 12.1

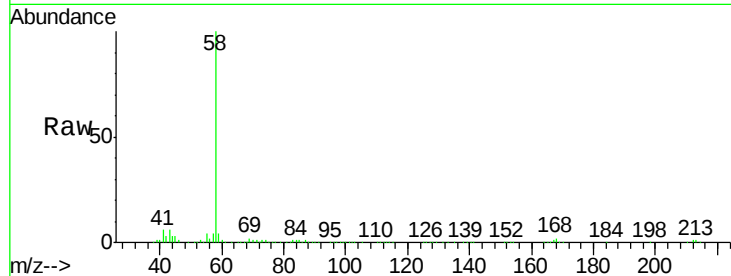




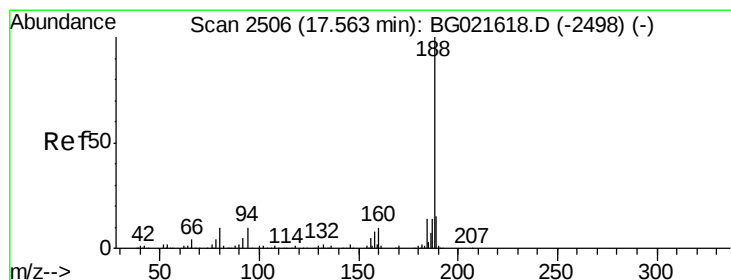
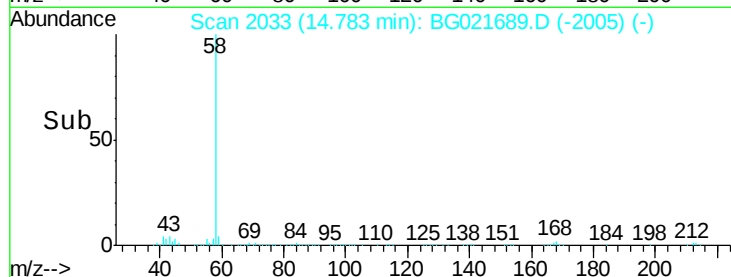
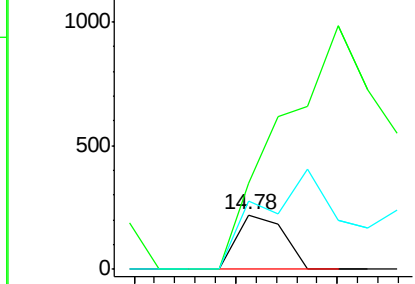
#53
2,4-Dinitrophenol
Concen: 7.66 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.14 min
Lab File: BG021689.D
Acq: 15 Apr 2016 15:57

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:184 Resp: 142
Ion Ratio Lower Upper
184 100
63 158.0 57.3 85.9#
154 125.6 55.2 82.8#

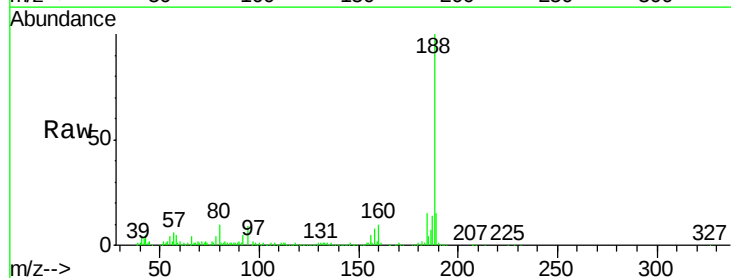


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

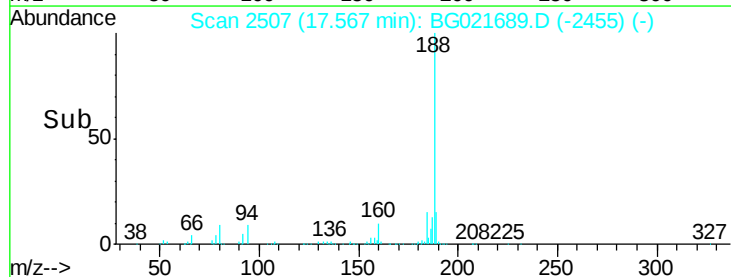
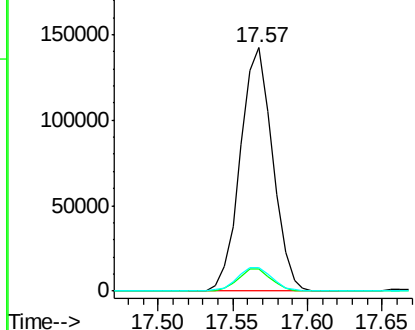


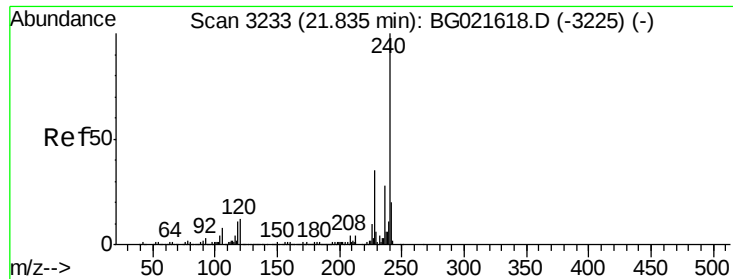
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BG021689.D
Acq: 15 Apr 2016 15:57

Tgt Ion:188 Resp: 213340
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.6 8.6 13.0



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. 0.01 min

Lab File: BG021689.D

Acq: 15 Apr 2016 15:57

Instrument :

BNA_G

ClientSampleId :

EFF-WW

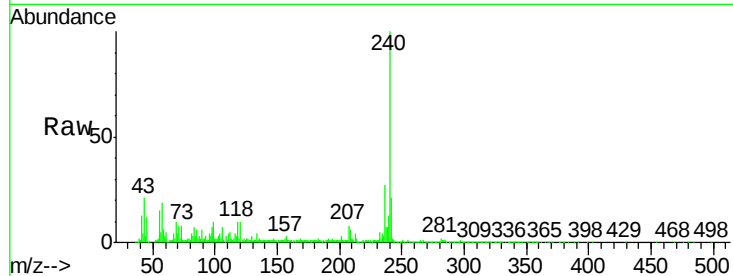
Tgt Ion:240 Resp: 238926

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

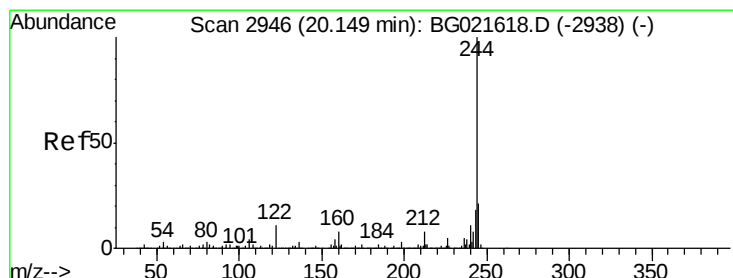
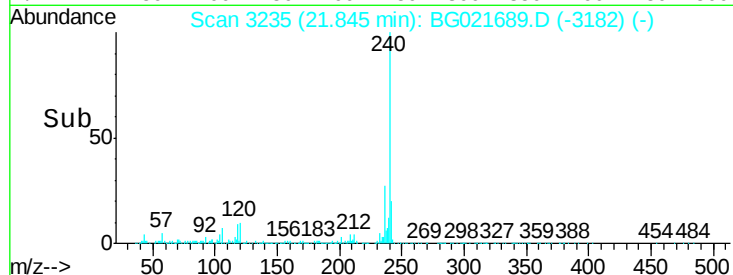
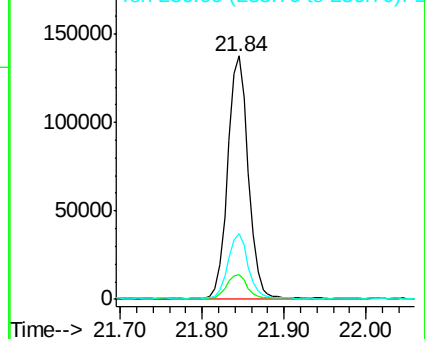
236 27.2 19.6 29.4



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: 46.18 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG021689.D

Acq: 15 Apr 2016 15:57

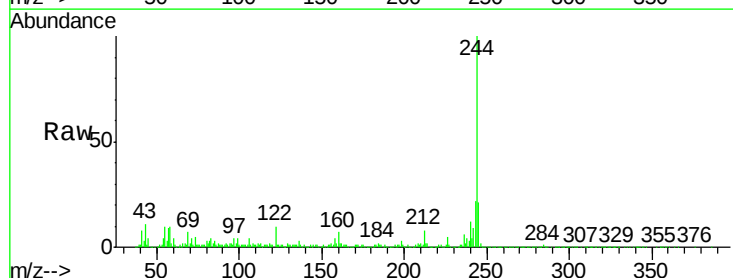
Tgt Ion:244 Resp: 442238

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

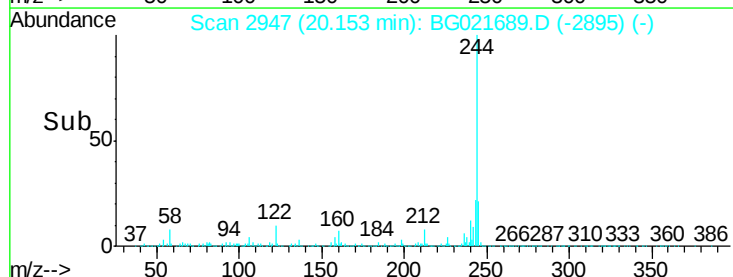
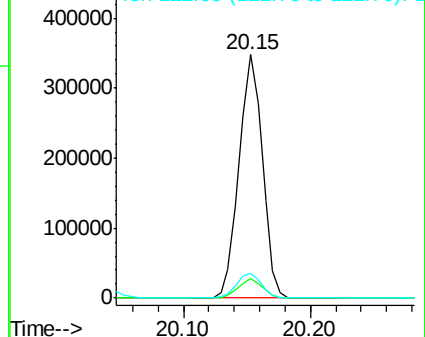
122 10.0 8.6 12.8

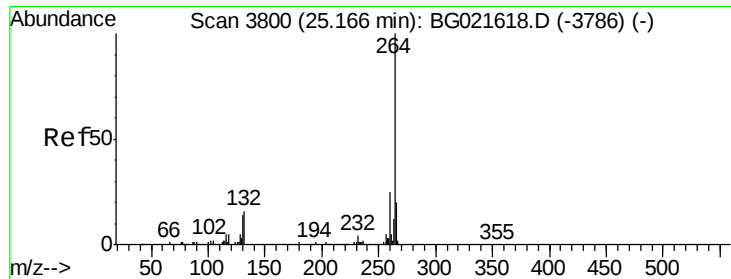


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.18 min Scan# 3803
Delta R.T. 0.02 min
Lab File: BG021689.D
Acq: 15 Apr 2016 15:57

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.4
265	23.6	17.8	26.8

