

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023296.D
 Acq On : 27 Jul 2016 23:41
 Operator : UM/SJ
 Sample : H4175-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Time: Jul 28 03:23:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

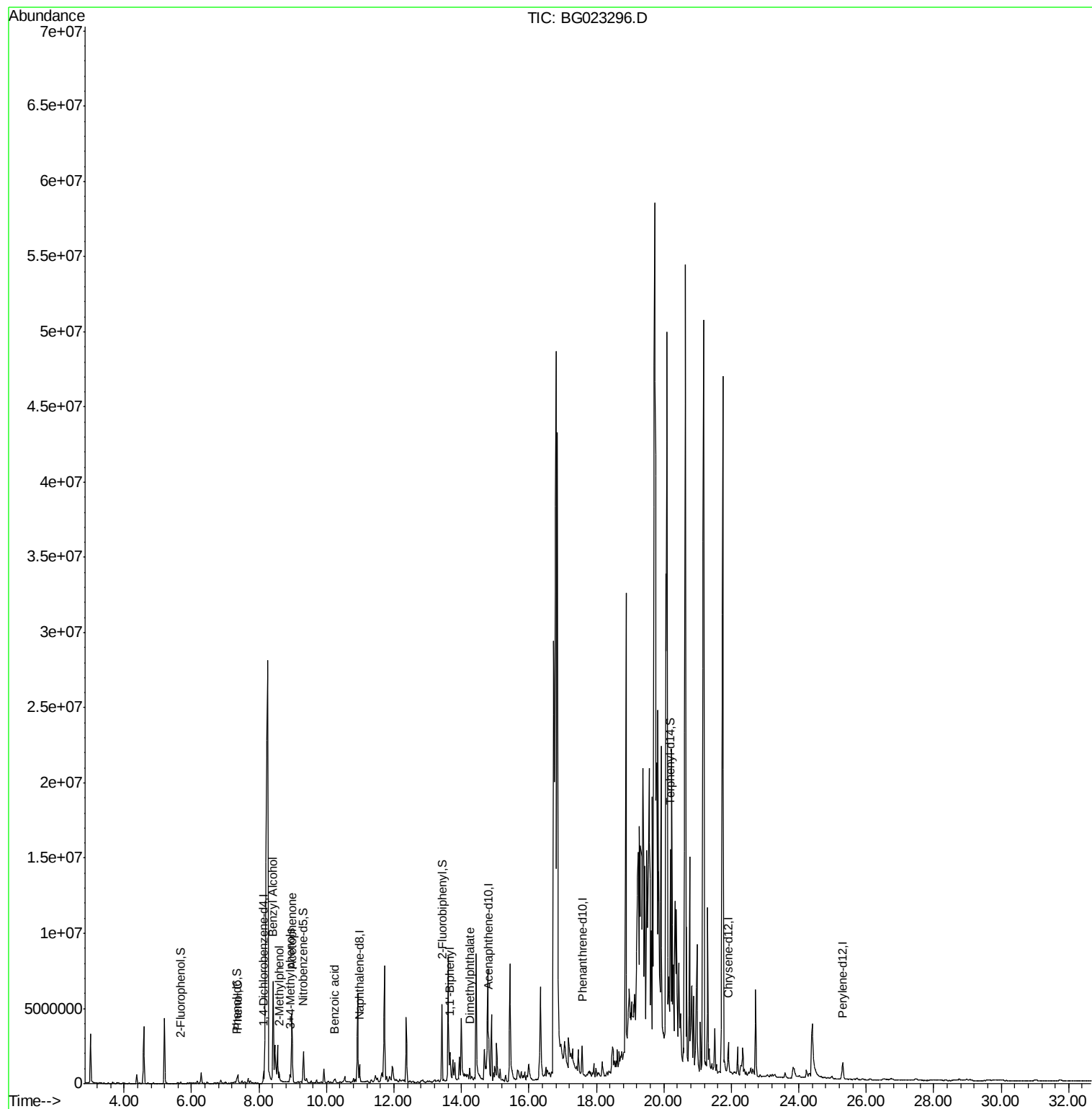
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	241008	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	973347	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	669847	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	1156599	20.00	ng	0.00
75) Chrysene-d12	21.91	240	1091282	20.00	ng	0.02
86) Perylene-d12	25.30	264	1158072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	38704	2.74	ng	0.00
7) Phenol-d6	7.34	99	155762	7.19	ng	0.05
23) Nitrobenzene-d5	9.32	82	1352113	67.93	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	11925	1.72	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2468099	68.96	ng	0.00
78) Terphenyl-d14	20.20	244	2250841	67.05	ng	0.02
Target Compounds						
10) Phenol	7.37	94	387123	16.93	ng	# 78
15) Benzyl Alcohol	8.42	79	2365073	162.14	ng	# 86
17) 2-Methylphenol	8.60	107	194187	12.42	ng	# 89
20) 3+4-Methylphenols	8.92	107	283708	13.35	ng	# 89
22) Acetophenone	8.98	105	2403084	94.56	ng	# 92
32) Benzoic acid	10.25	122	138680	17.73	ng	# 84
45) 1,1'-Biphenyl	13.64	154	326034	6.98	ng	# 96
49) Dimethylphthalate	14.25	163	452555	9.16	ng	# 99

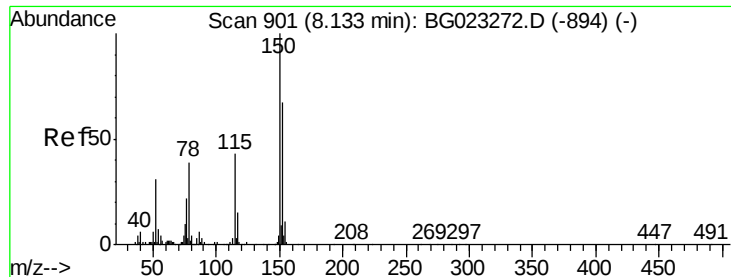
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023296.D
Acq On : 27 Jul 2016 23:41
Operator : UM/SJ
Sample : H4175-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Quant Time: Jul 28 03:23:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

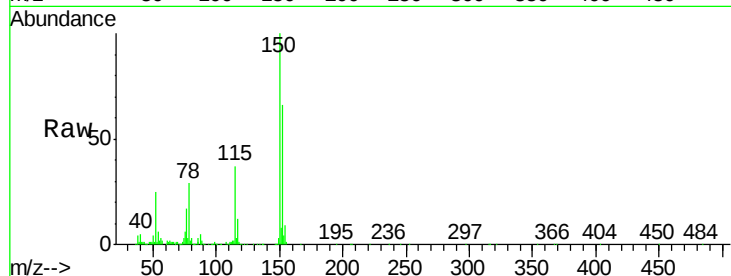
Tot Ion:152 Resp: 241008

Ion Ratio Lower Upper

152 100

150 152.3 144.7 217.1

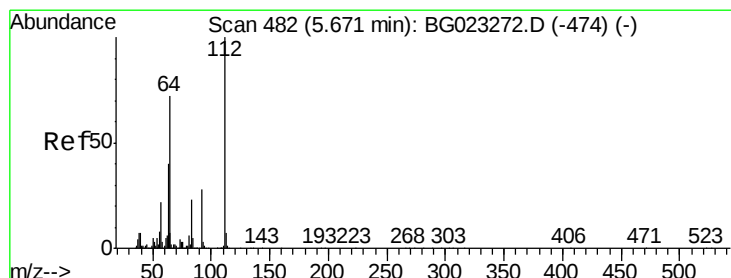
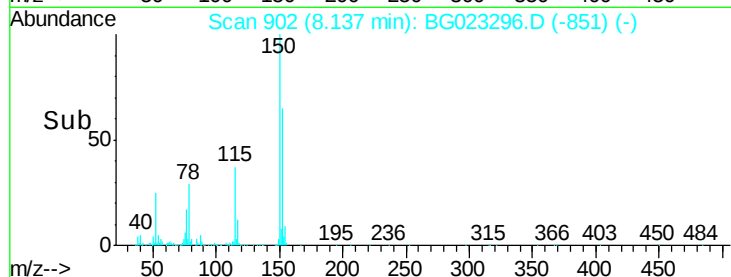
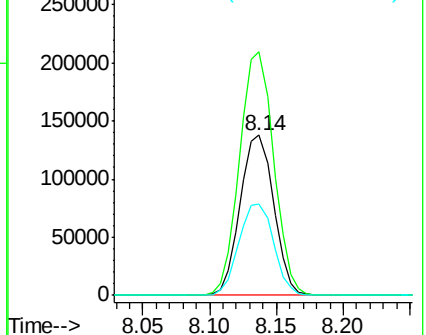
115 56.8 64.0 96.0#



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: 2.74 ng

RT: 5.68 min Scan# 484

Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

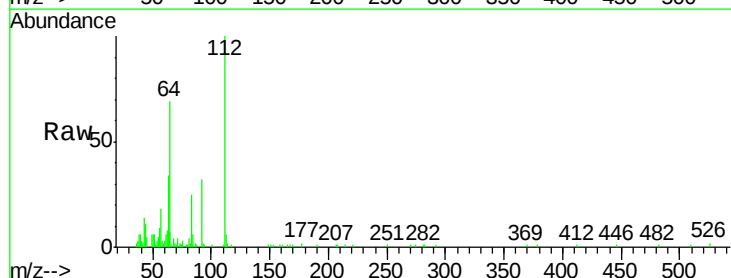
Tgt Ion:112 Resp: 38704

Ion Ratio Lower Upper

112 100

64 69.4 59.0 88.4

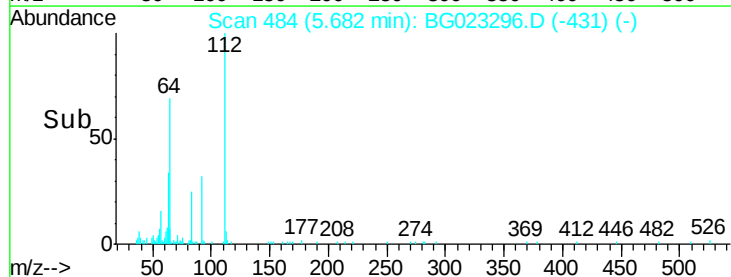
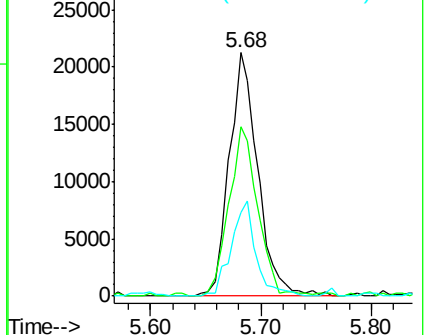
63 34.4 37.8 56.8#

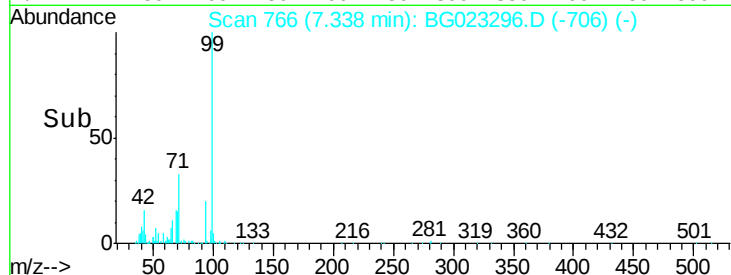
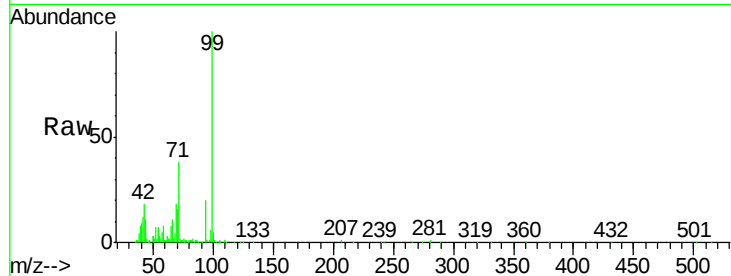
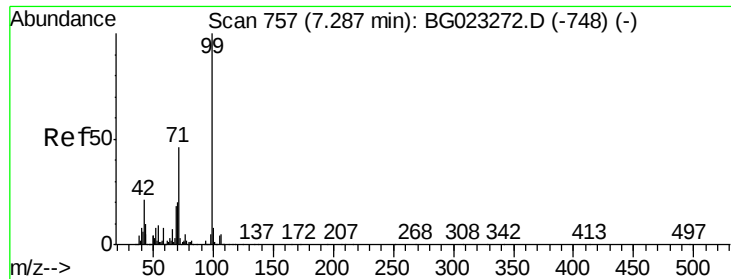


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 7.19 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.05 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampled :

EFF-WW

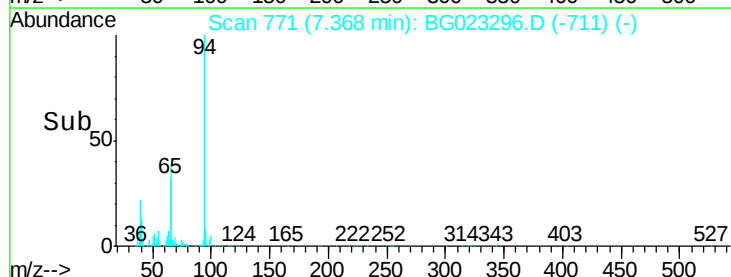
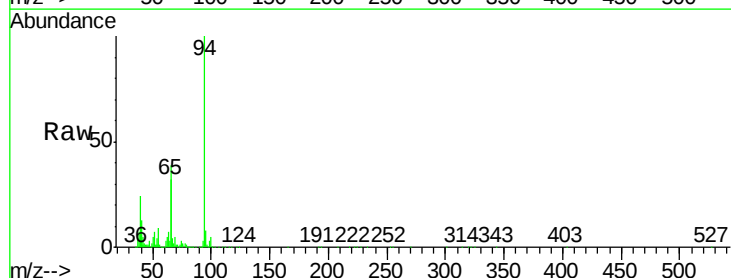
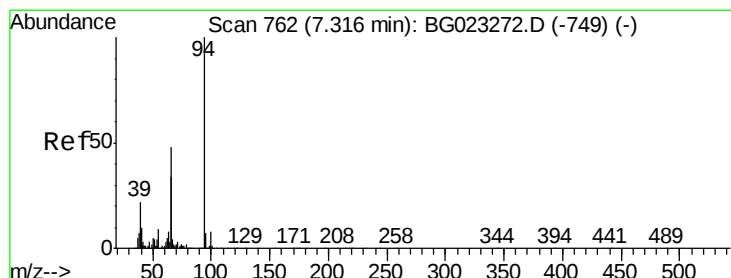
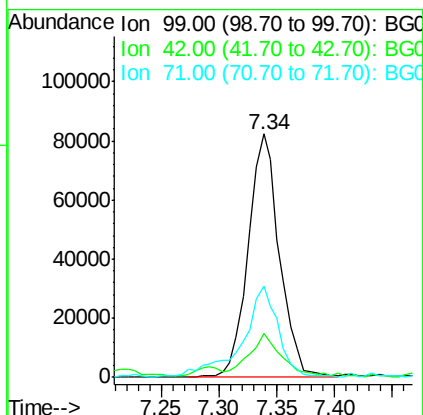
Tot Ion: 99 Resp: 155762

Ion Ratio Lower Upper

99 100

42 18.2 17.8 26.6

71 37.7 41.5 62.3#



#10

Phenol

Concen: 16.93 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.05 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

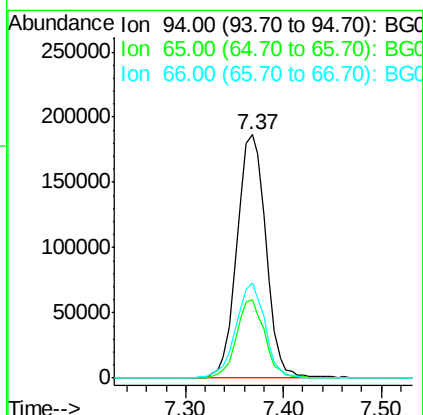
Tgt Ion: 94 Resp: 387123

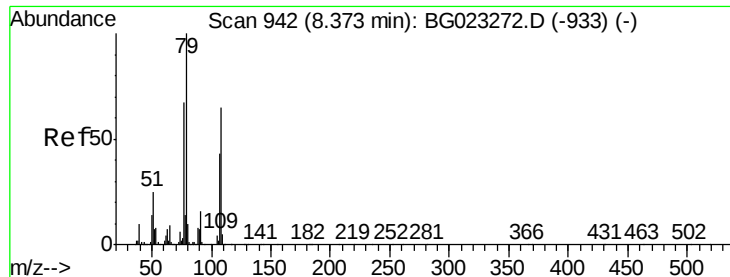
Ion Ratio Lower Upper

94 100

65 32.2 18.1 58.1

66 38.9 42.1 82.1#





#15

Benzyl Alcohol

Concen: 162.14 ng

RT: 8.42 min Scan# 950

Delta R.T. 0.04 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

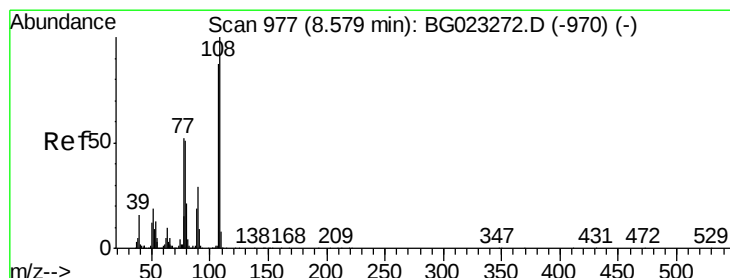
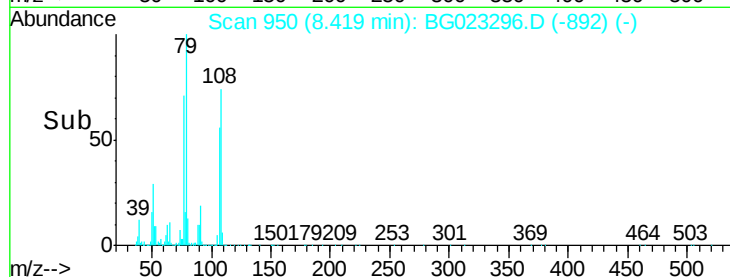
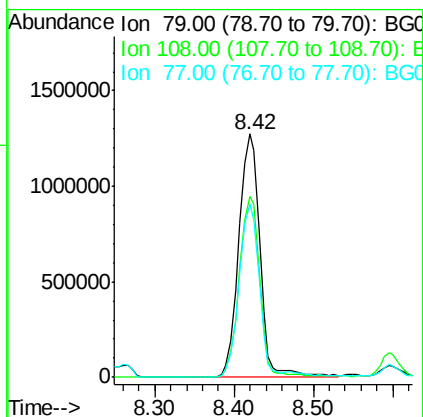
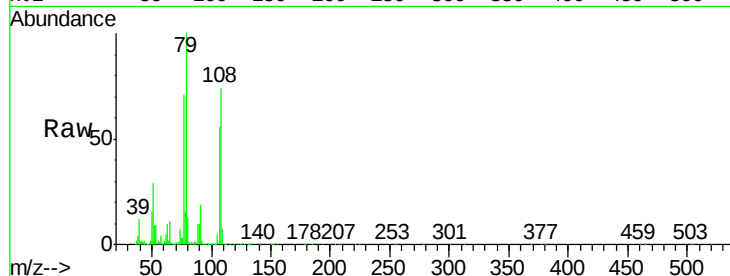
ClientSampleId :

EFF-WW

Tot Ion: 79 Resp: 2365073

Ion Ratio Lower Upper

79	100		
108	74.1	46.5	69.7#
77	71.3	52.3	78.5



#17

2-Methylphenol

Concen: 12.42 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.01 min

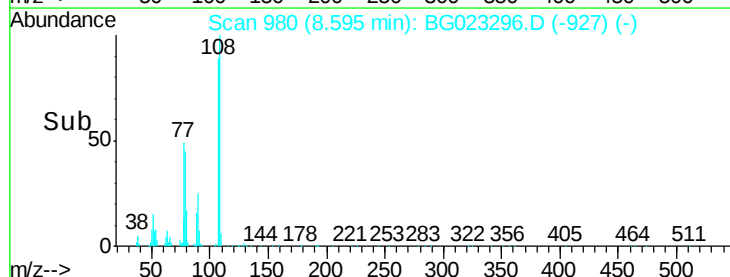
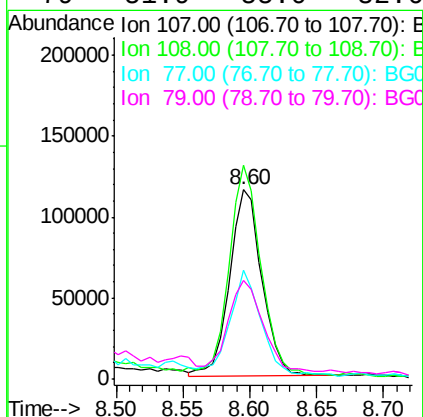
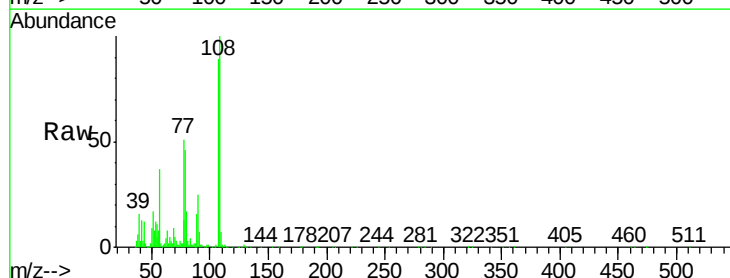
Lab File: BG023296.D

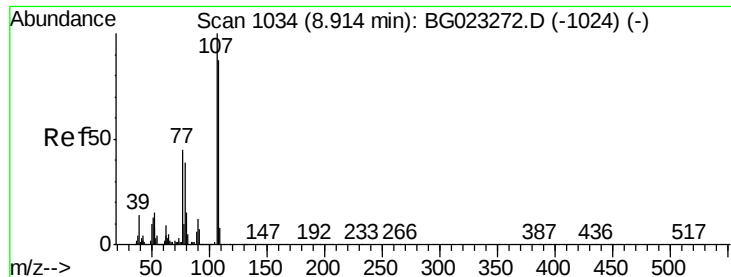
Acq: 27 Jul 2016 23:41

Tgt Ion: 107 Resp: 194187

Ion Ratio Lower Upper

107	100		
108	112.8	92.0	138.0
77	57.2	55.8	83.6
79	51.9	55.0	82.6#





#20

3+4-Methylphenols

Concen: 13.35 ng

RT: 8.92 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

Tot Ion:107 Resp: 283708

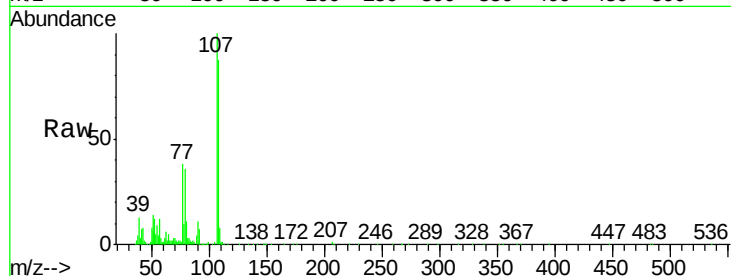
Ion Ratio Lower Upper

107 100

108 87.0 72.5 112.5

77 37.5 30.1 70.1

79 36.0 24.2 64.2

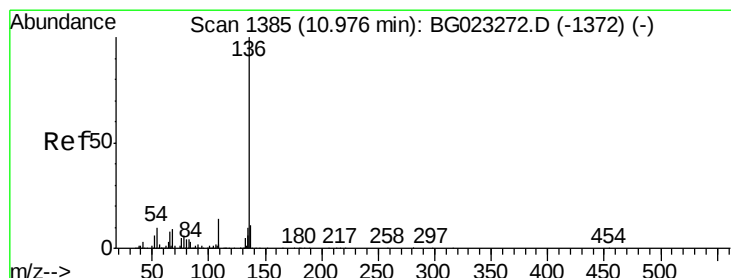
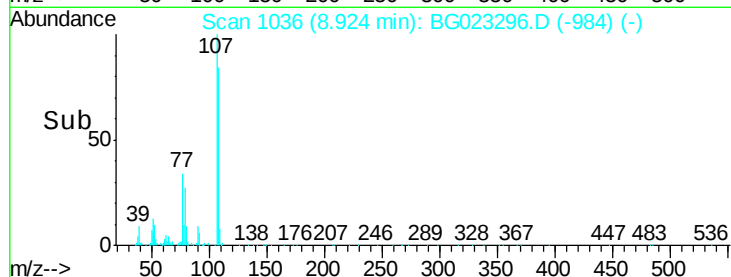
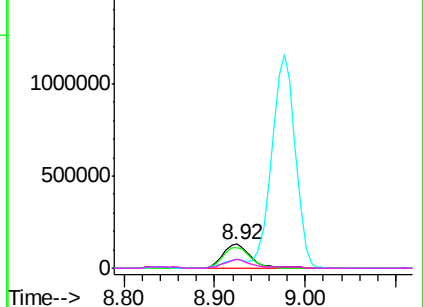


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Tgt Ion:136 Resp: 973347

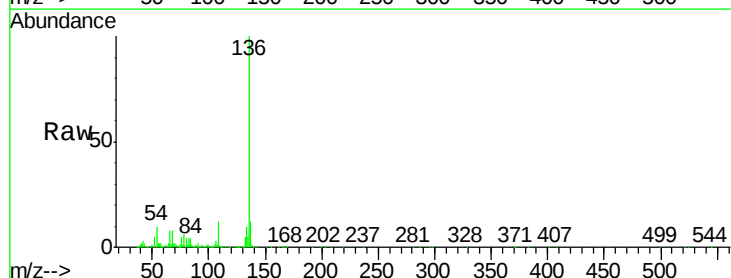
Ion Ratio Lower Upper

136 100

137 12.4 9.6 14.4

54 10.0 7.3 10.9

68 8.0 5.3 7.9#

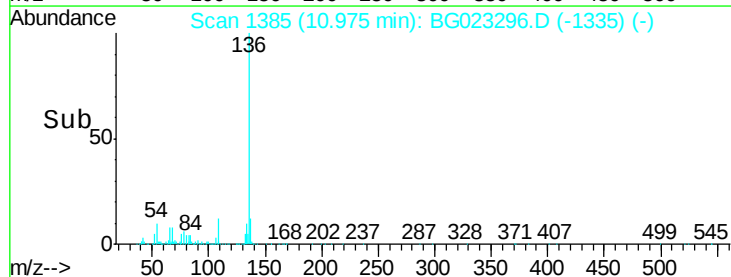
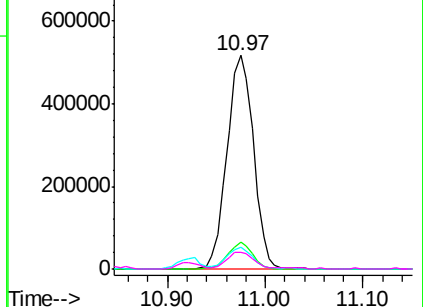


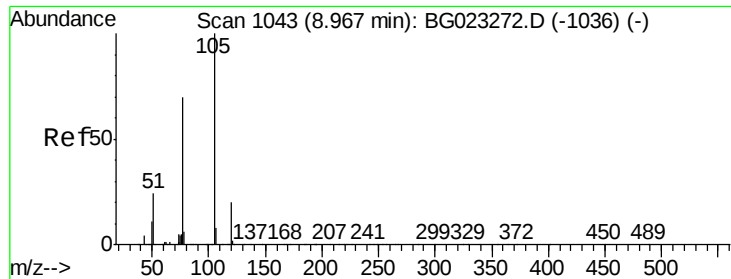
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 94.56 ng

RT: 8.98 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

Tot Ion:105 Resp: 2403084

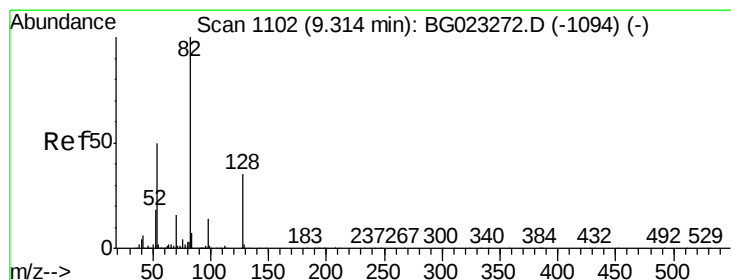
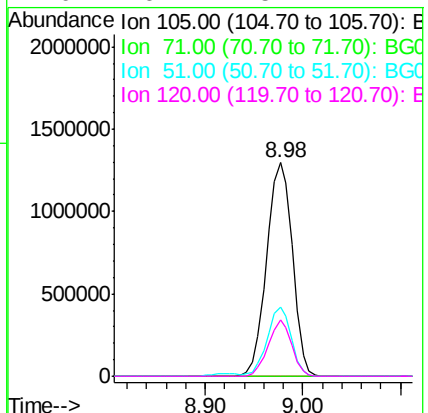
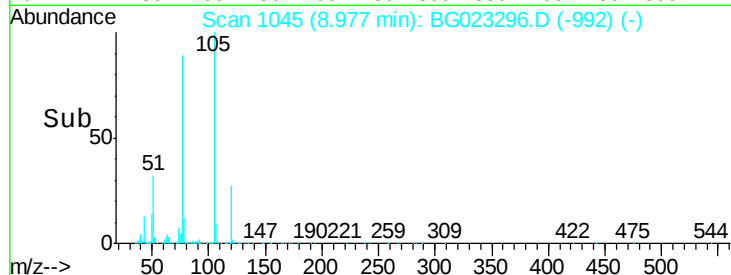
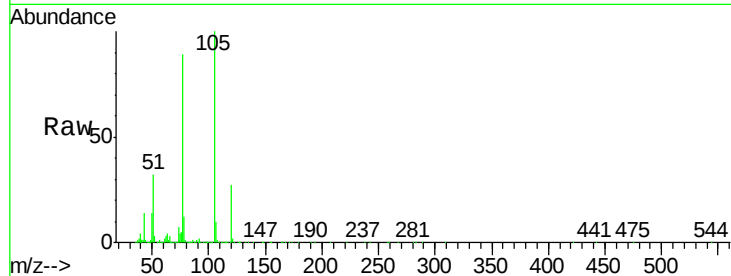
Ion Ratio Lower Upper

105 100

71 0.2 2.6 3.8#

51 32.1 27.1 40.7

120 26.7 15.1 22.7#



#23

Nitrobenzene-d5

Concen: 67.93 ng

RT: 9.32 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

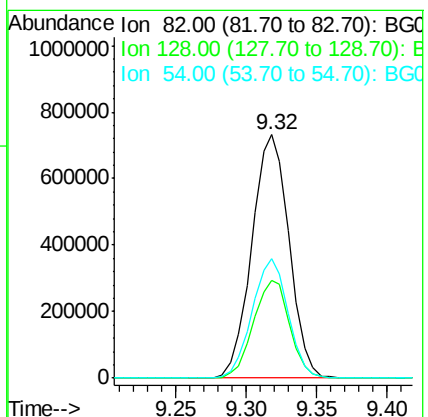
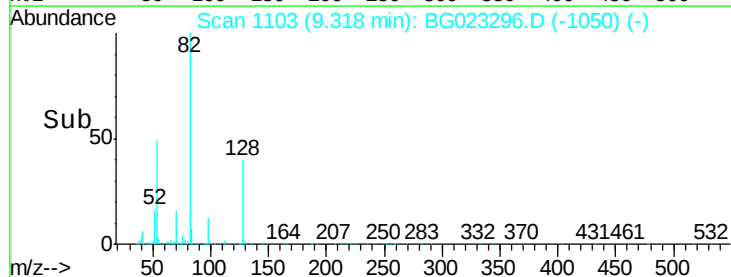
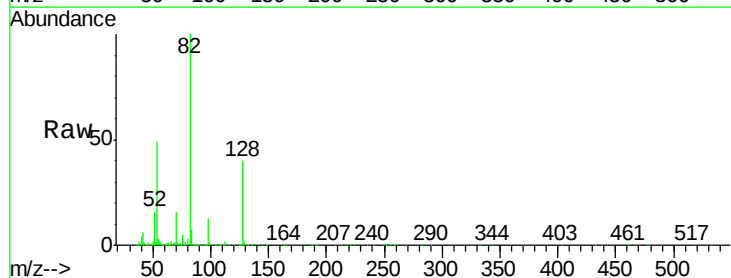
Tgt Ion: 82 Resp: 1352113

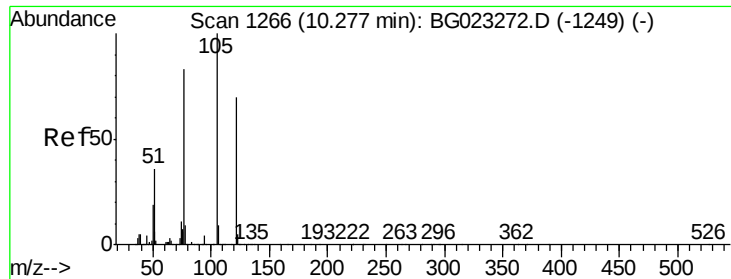
Ion Ratio Lower Upper

82 100

128 40.4 24.4 36.6#

54 49.1 41.4 62.0

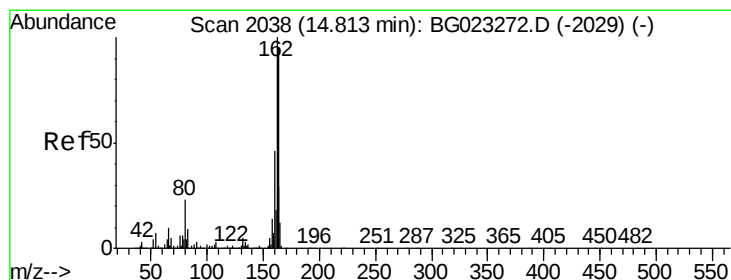
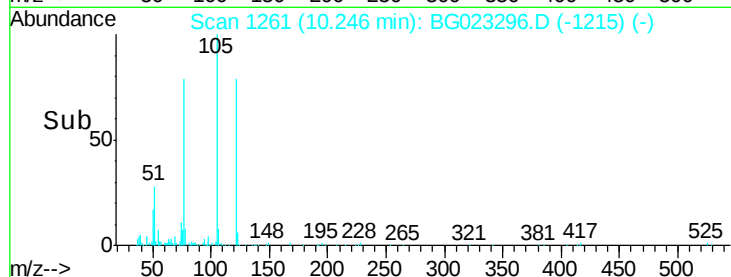
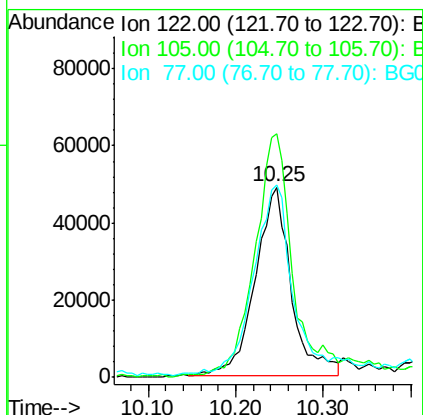
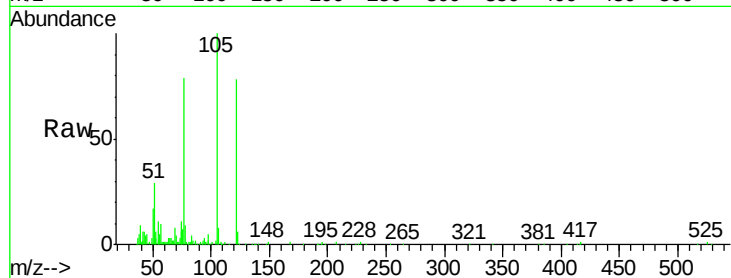




#32
Benzoic acid
Concen: 17.73 ng
RT: 10.25 min Scan# 1261
Delta R.T. -0.03 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

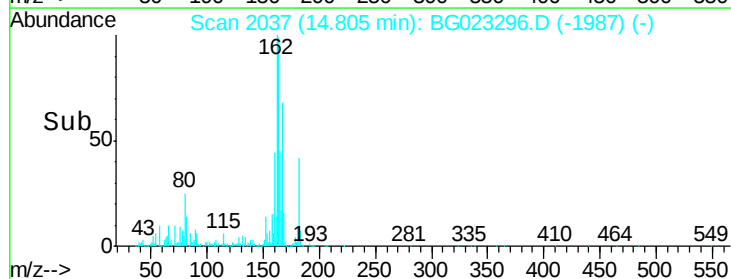
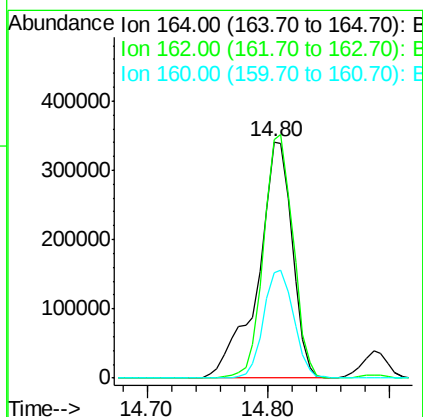
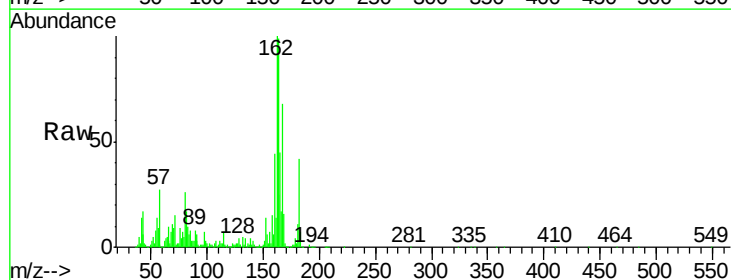
Instrument :
BNA_G
ClientSampleId :
EFF-WW

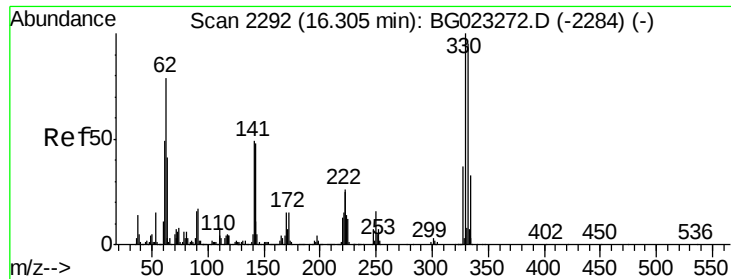
Tot Ion:122 Resp: 138680
Ion Ratio Lower Upper
122 100
105 128.0 117.2 157.2
77 100.8 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:164 Resp: 669847
Ion Ratio Lower Upper
164 100
162 100.9 87.7 131.5
160 44.8 37.2 55.8

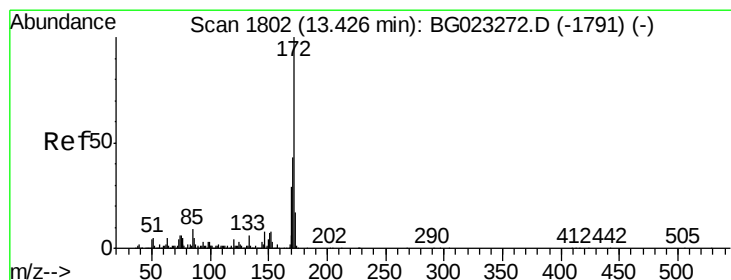
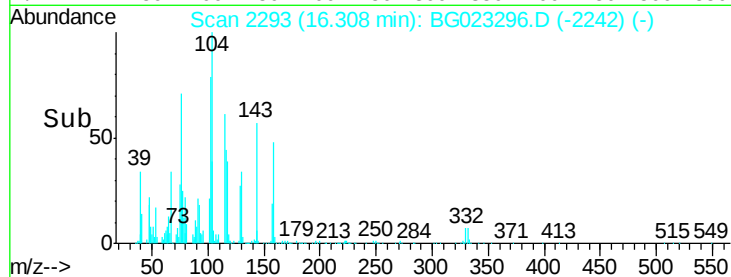
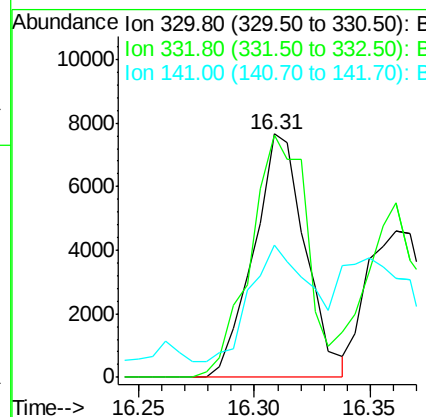
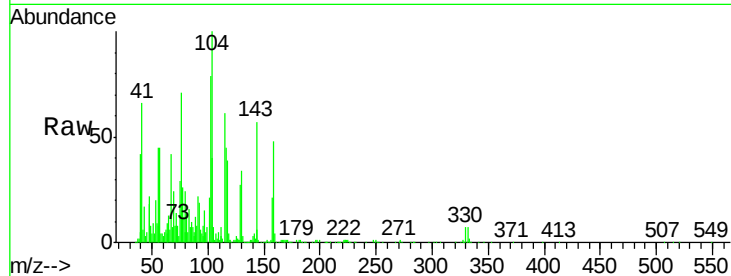




#41
2,4,6-Tribromophenol
Concen: 1.72 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

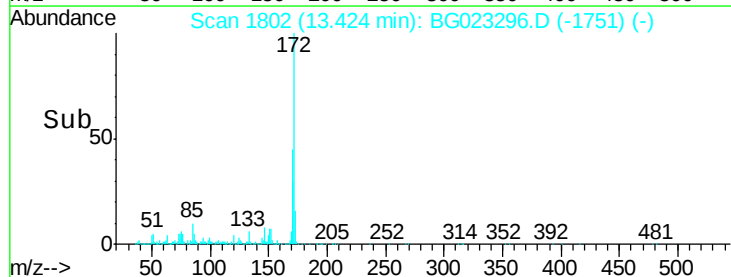
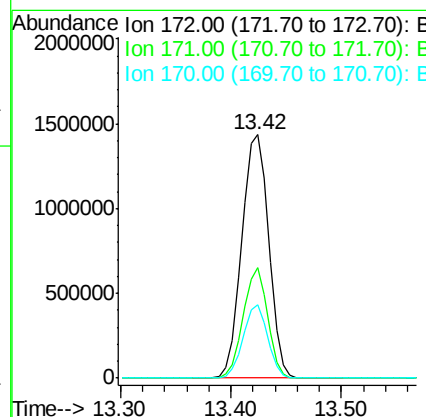
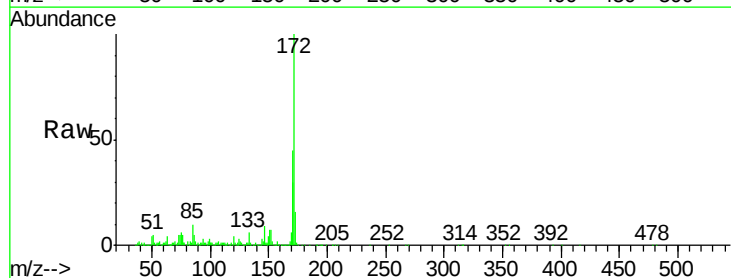
Instrument :
BNA_G
ClientSampleId :
EFF-WW

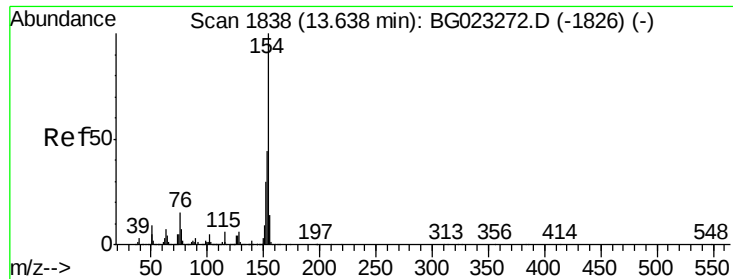
Tot Ion:330 Resp: 11925
Ion Ratio Lower Upper
330 100
332 107.3 77.4 116.2
141 57.3 31.7 47.5#



#44
2-Fluorobiphenyl
Concen: 68.96 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:172 Resp: 2468099
Ion Ratio Lower Upper
172 100
171 45.2 31.6 47.4
170 29.9 21.3 31.9

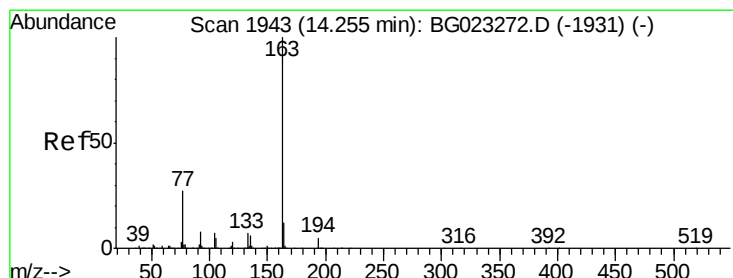
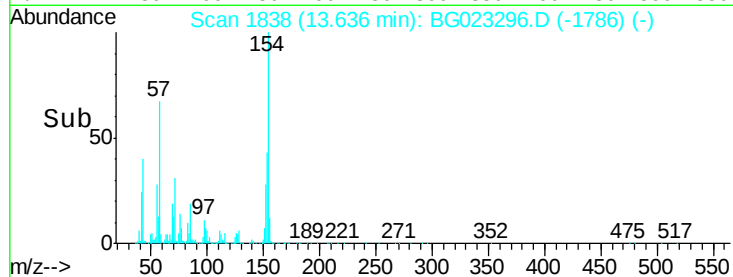
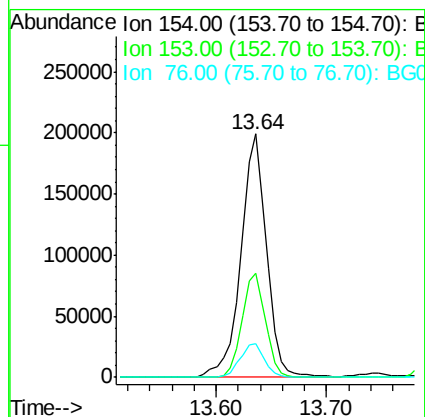
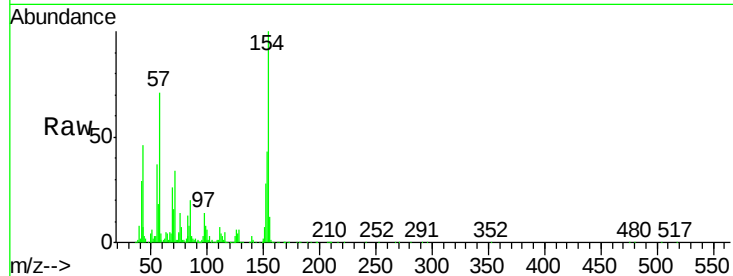




#45
1,1'-Biphenyl
Concen: 6.98 ng
RT: 13.64 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

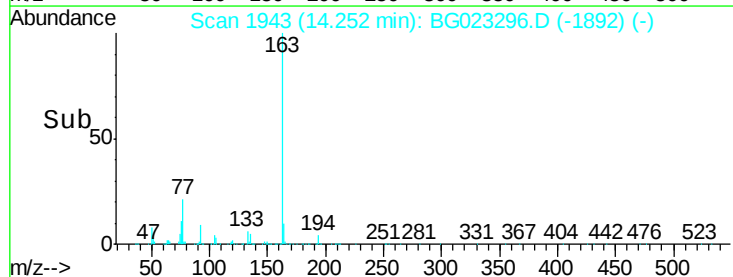
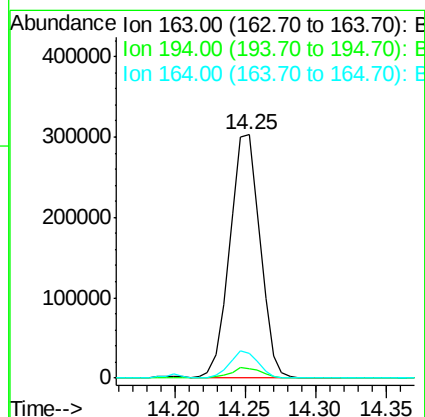
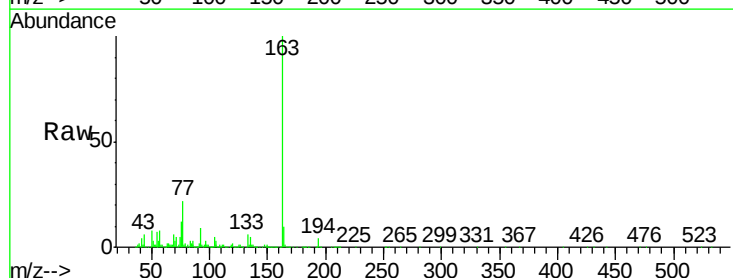
Instrument :
BNA_G
ClientSampled :
EFF-WW

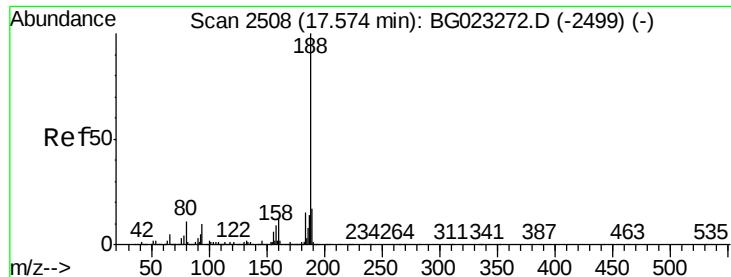
Tot Ion:154 Resp: 326034
Ion Ratio Lower Upper
154 100
153 42.7 20.2 60.2
76 13.8 0.0 32.9



#49
Dimethylphthalate
Concen: 9.16 ng
RT: 14.25 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:163 Resp: 452555
Ion Ratio Lower Upper
163 100
194 3.8 3.6 5.4
164 10.2 8.1 12.1

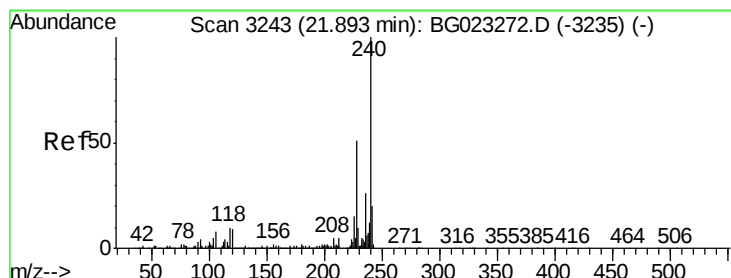
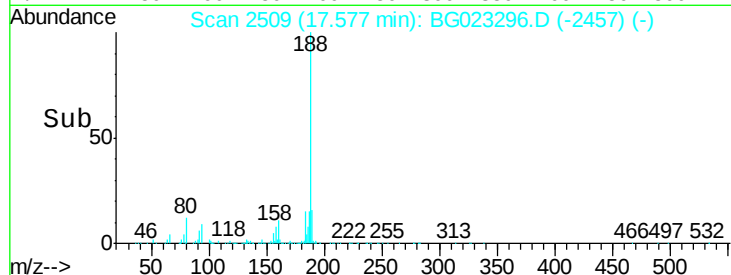
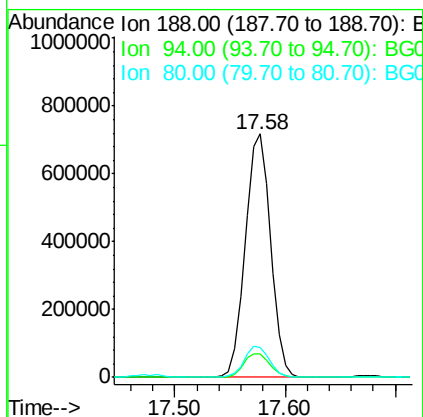
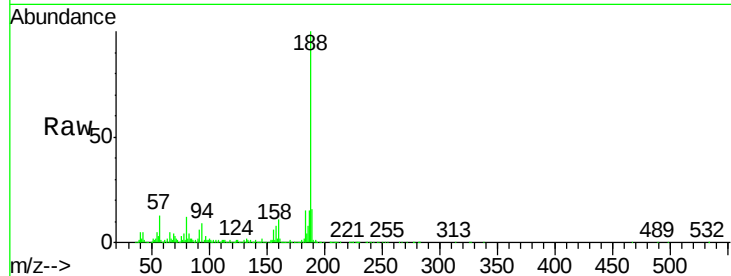




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

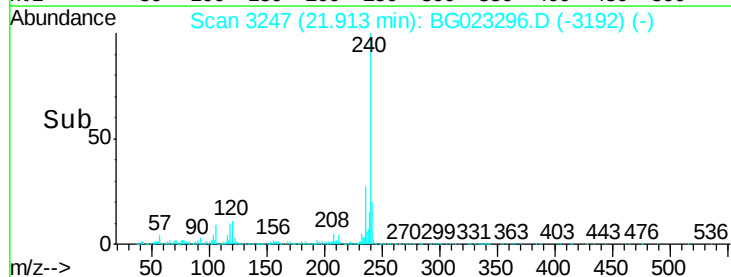
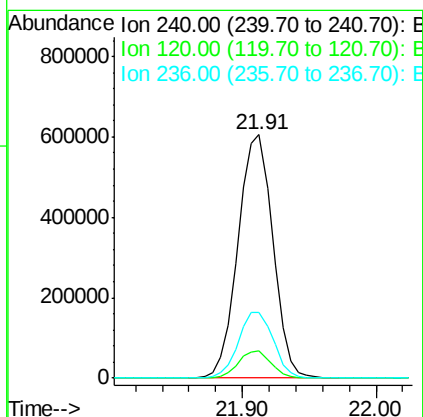
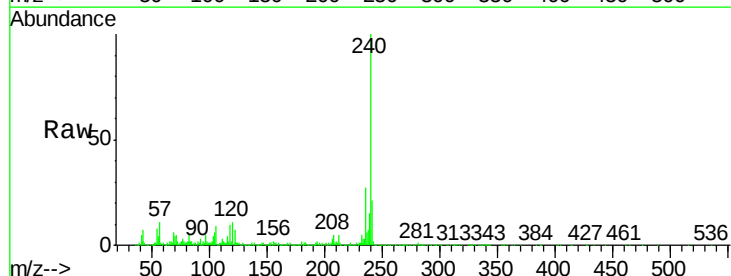
Instrument :
BNA_G
ClientSampleId :
EFF-WW

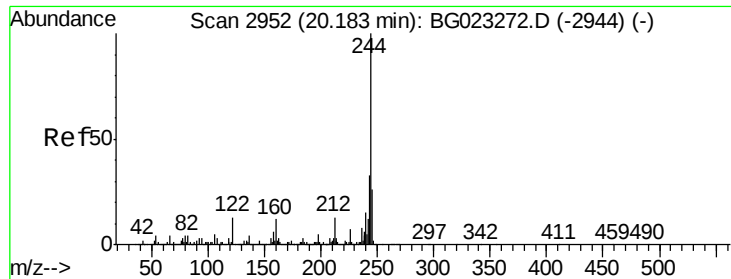
Tot Ion:188 Resp: 1156599
Ion Ratio Lower Upper
188 100
94 9.4 5.2 7.8#
80 12.0 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.91 min Scan# 3247
Delta R.T. 0.02 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:240 Resp: 1091282
Ion Ratio Lower Upper
240 100
120 11.3 4.1 6.1#
236 26.9 21.1 31.7





#78

Terphenyl-d14

Concen: 67.05 ng

RT: 20.20 min Scan# 2955

Delta R.T. 0.02 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

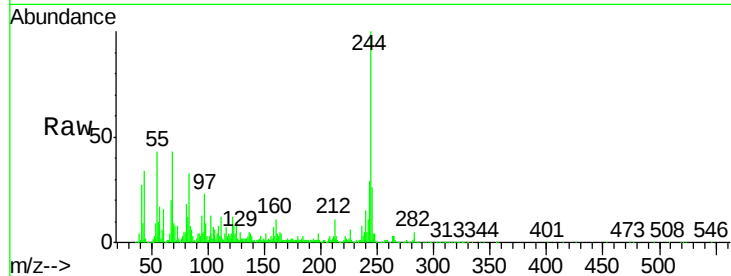
Tot Ion:244 Resp: 2250841

Ion Ratio Lower Upper

244 100

212 11.4 10.8 16.2

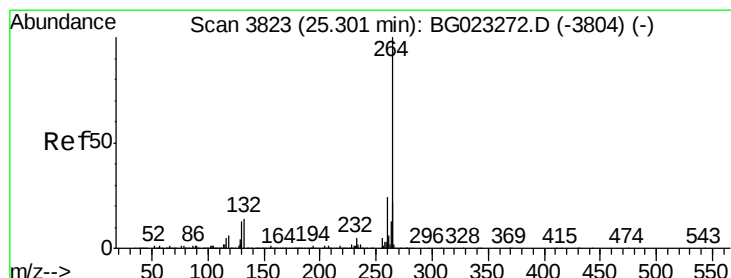
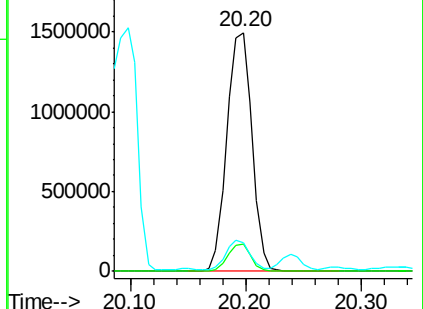
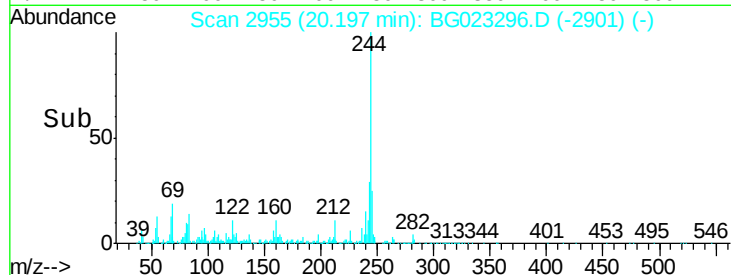
122 12.0 8.0 12.0



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: 25.30 min Scan# 3824

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

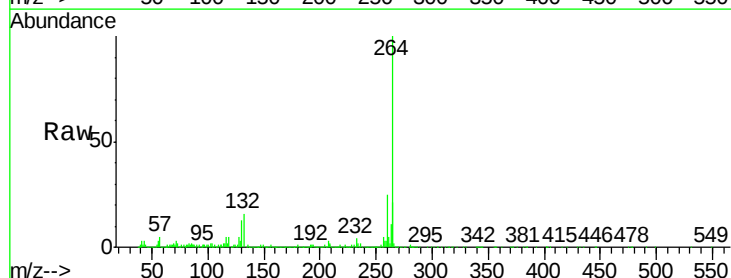
Tgt Ion:264 Resp: 1158072

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 21.5 18.9 28.3



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

