

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072816\
 Data File : BG023319.D
 Acq On : 28 Jul 2016 23:06
 Operator : UM/SJ
 Sample : H4175-02RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WWRE

Quant Time: Jul 29 01:36:58 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

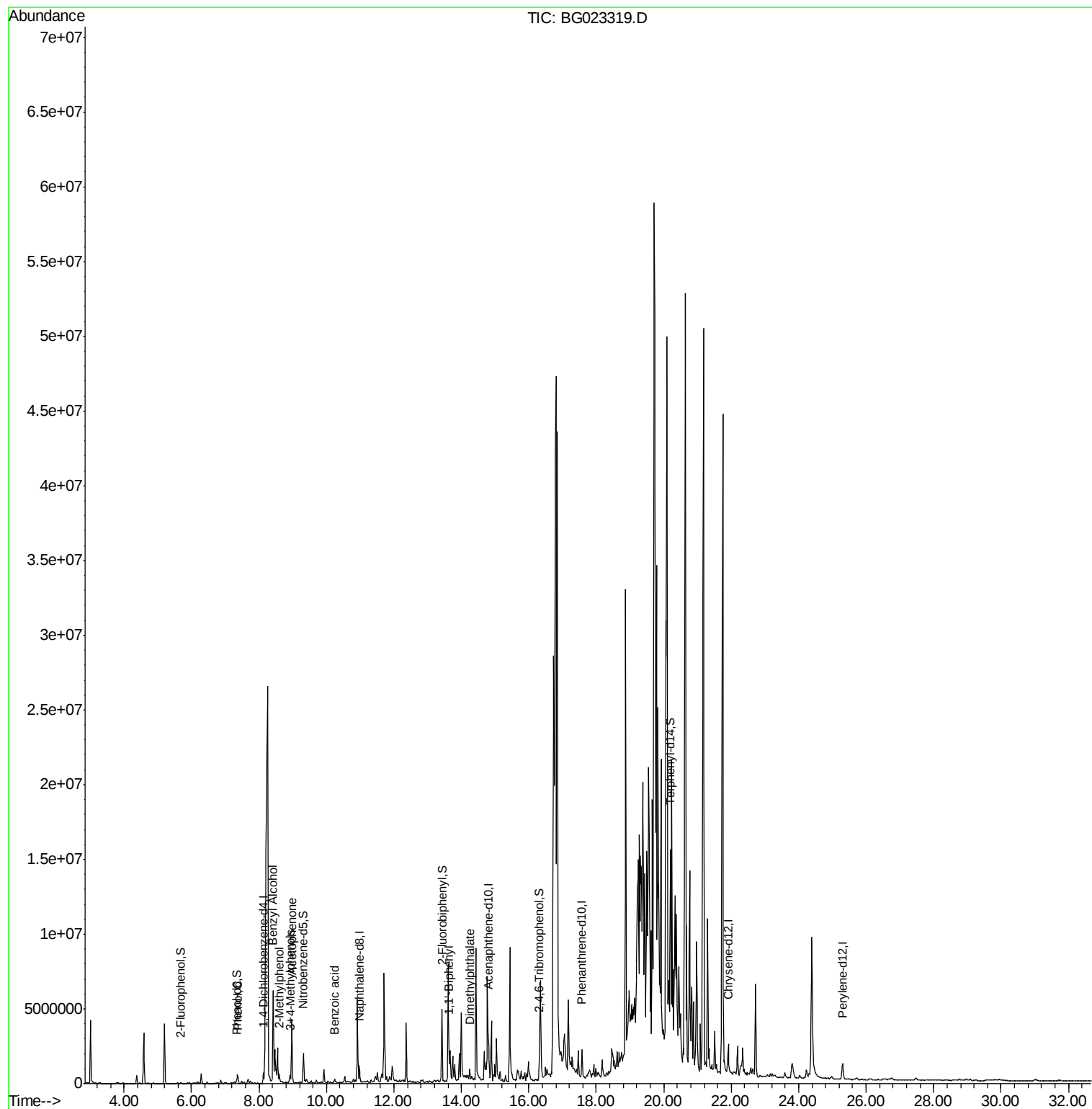
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	214025	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	913735	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	648156	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	1123653	20.00	ng	0.00
75) Chrysene-d12	21.91	240	1104096	20.00	ng	0.02
86) Perylene-d12	25.30	264	1152951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	35785	2.85	ng	0.00
7) Phenol-d6	7.34	99	140076	7.28	ng	0.05
23) Nitrobenzene-d5	9.32	82	1247509	66.77	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	15199	2.27	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2375777	68.60	ng	0.00
78) Terphenyl-d14	20.20	244	2249571	66.23	ng	0.02
Target Compounds						
10) Phenol	7.37	94	352617	17.36	ng	82
15) Benzyl Alcohol	8.42	79	2203852	170.13	ng	# 88
17) 2-Methylphenol	8.59	107	171860	12.38	ng	# 88
20) 3+4-Methylphenols	8.92	107	268098	14.20	ng	82
22) Acetophenone	8.98	105	2242745	94.01	ng	# 93
32) Benzoic acid	10.25	122	106860	16.01	ng	# 83
45) 1,1'-Biphenyl	13.63	154	305471	6.76	ng	99
49) Dimethylphthalate	14.25	163	431255	9.02	ng	99

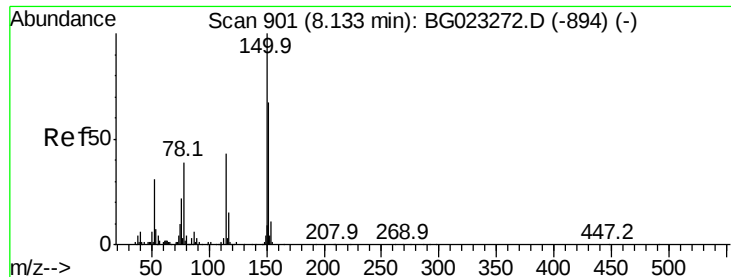
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023319.D

Acq: 28 Jul 2016 23:06

Instrument :

BNA_G

ClientSampled :

EFF-WWRE

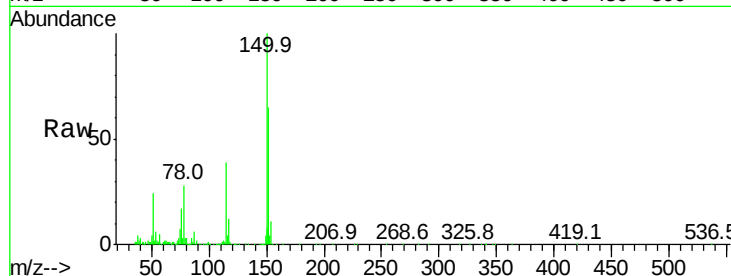
Tot Ion:152 Resp: 214025

Ion Ratio Lower Upper

152 100

150 154.6 144.7 217.1

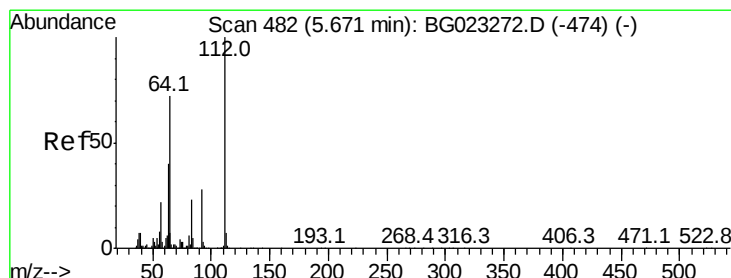
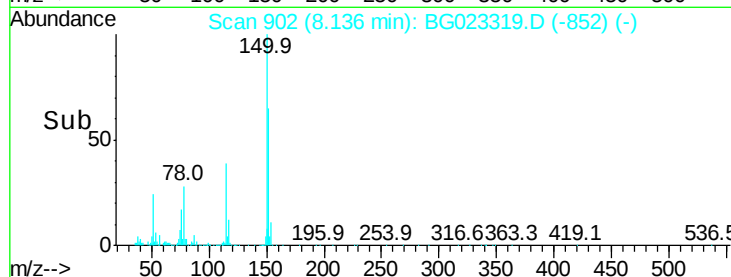
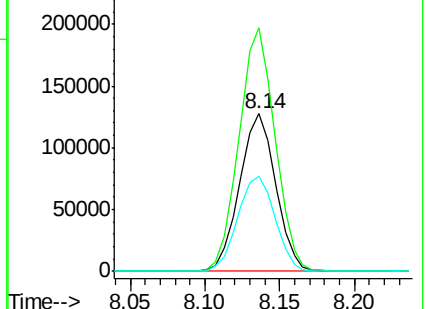
115 60.3 64.0 96.0#



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: 2.85 ng

RT: 5.68 min Scan# 484

Delta R.T. 0.01 min

Lab File: BG023319.D

Acq: 28 Jul 2016 23:06

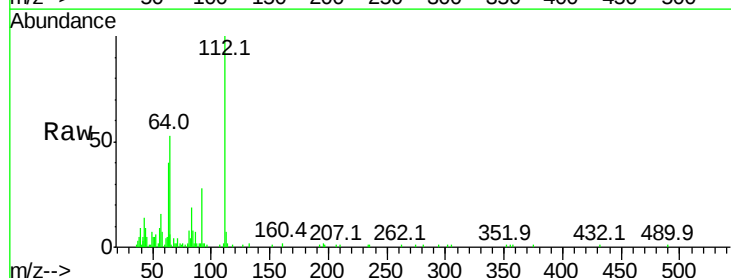
Tgt Ion:112 Resp: 35785

Ion Ratio Lower Upper

112 100

64 52.8 59.0 88.4#

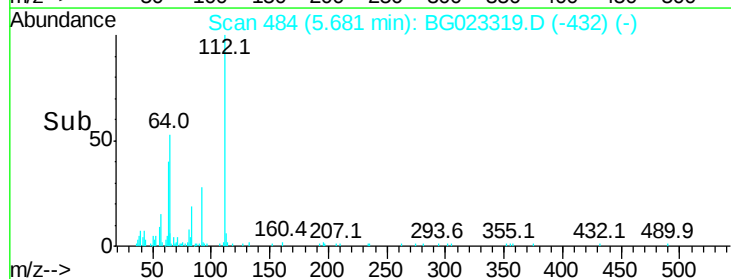
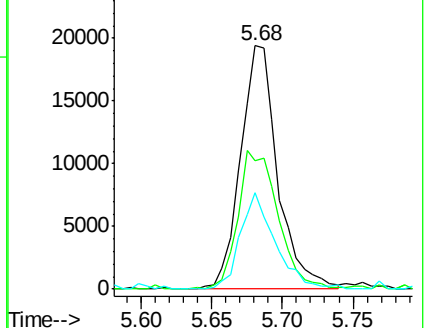
63 39.5 37.8 56.8

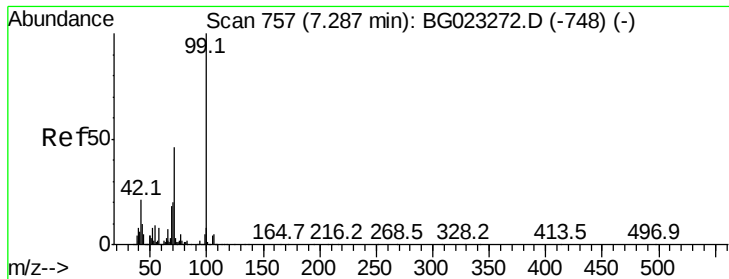


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 7.28 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.05 min

Lab File: BG023319.D

Acq: 28 Jul 2016 23:06

Instrument :

BNA_G

ClientSampleId :

EFF-WWRE

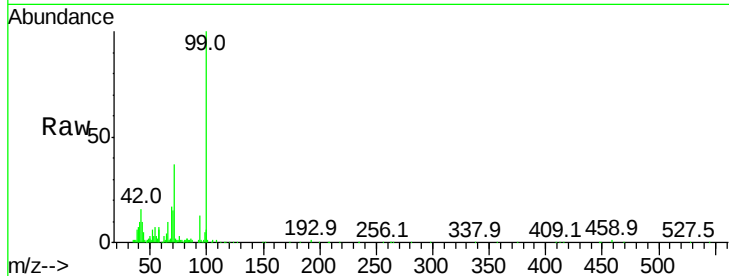
Tot Ion: 99 Resp: 140076

Ion Ratio Lower Upper

99 100

42 15.6 17.8 26.6#

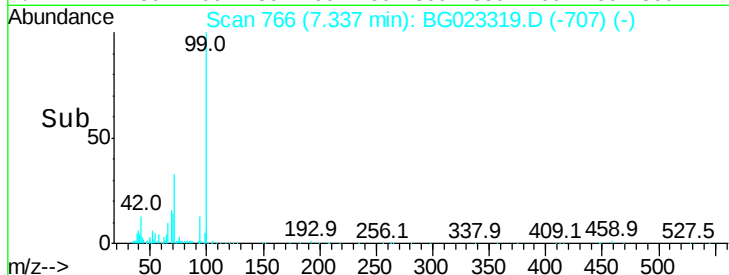
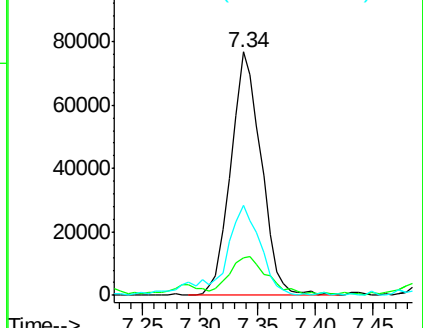
71 36.8 41.5 62.3#



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



#10

Phenol

Concen: 17.36 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.05 min

Lab File: BG023319.D

Acq: 28 Jul 2016 23:06

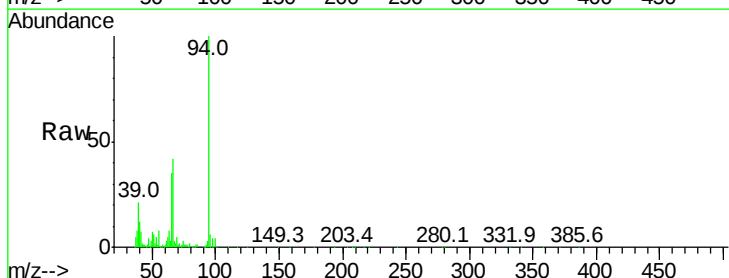
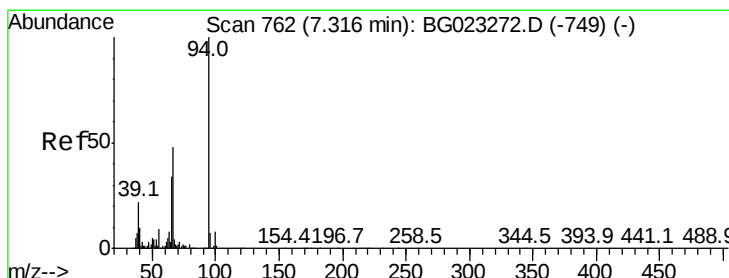
Tgt Ion: 94 Resp: 352617

Ion Ratio Lower Upper

94 100

65 34.5 18.1 58.1

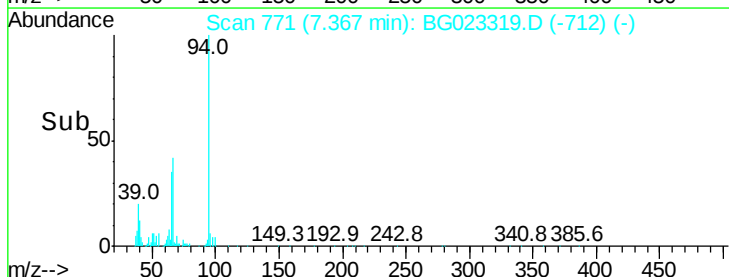
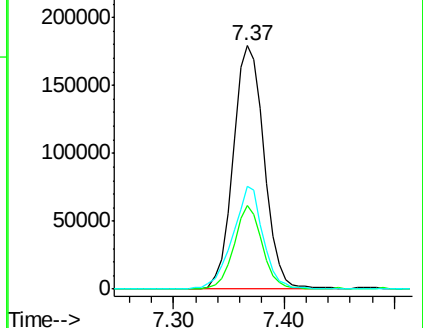
66 42.5 42.1 82.1

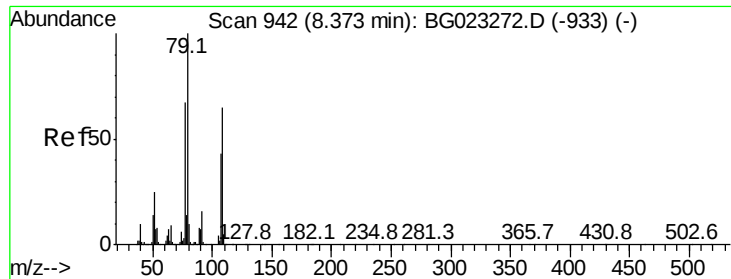


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 170.13 ng

RT: 8.42 min Scan# 950

Delta R.T. 0.04 min

Lab File: BG023319.D

Acq: 28 Jul 2016 23:06

Instrument :

BNA_G

ClientSampleId :

EFF-WWRE

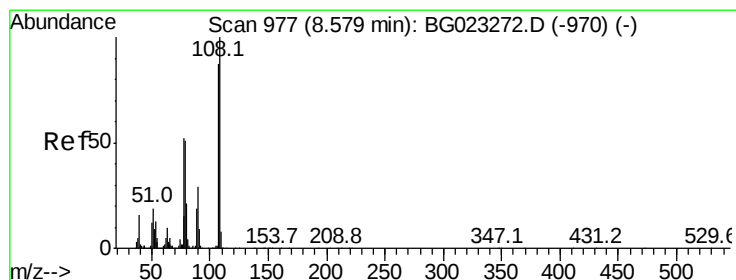
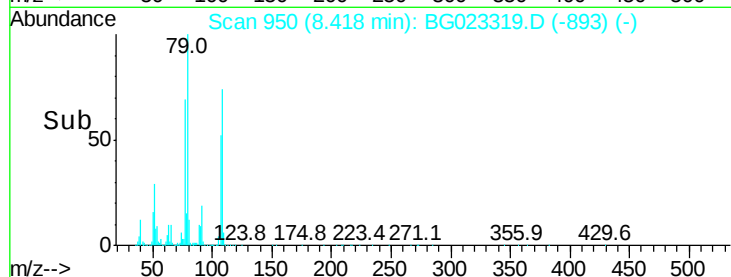
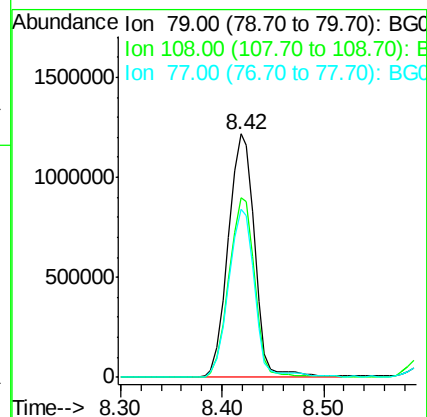
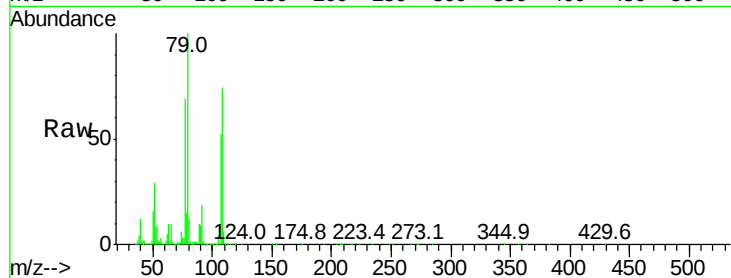
Tot Ion: 79 Resp: 2203852

Ion Ratio Lower Upper

79 100

108 73.6 46.5 69.7#

77 68.8 52.3 78.5



#17

2-Methylphenol

Concen: 12.38 ng

RT: 8.59 min Scan# 980

Delta R.T. 0.01 min

Lab File: BG023319.D

Acq: 28 Jul 2016 23:06

Tgt Ion: 107 Resp: 171860

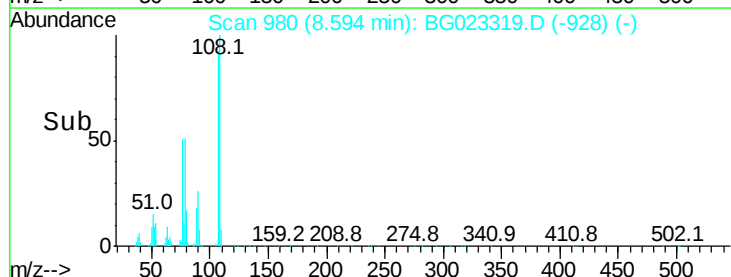
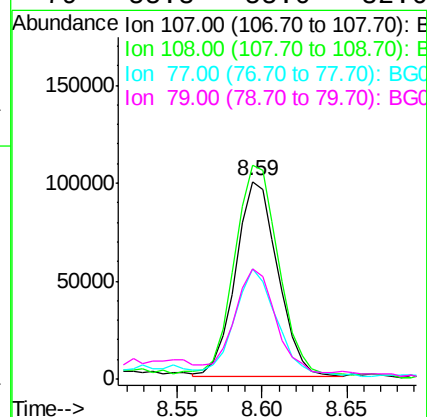
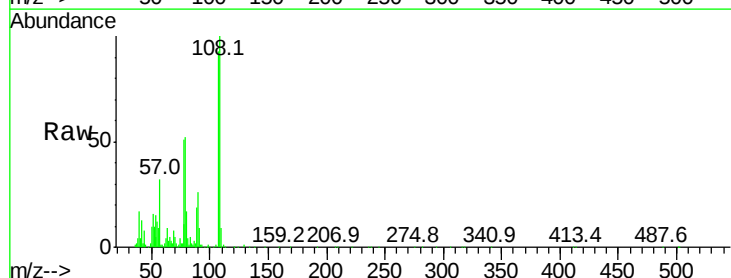
Ion Ratio Lower Upper

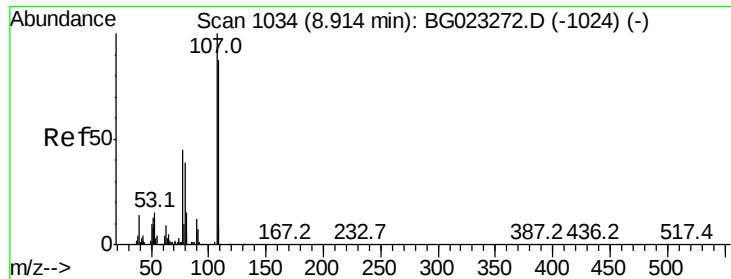
107 100

108 108.0 92.0 138.0

77 55.6 55.8 83.6#

79 55.8 55.0 82.6

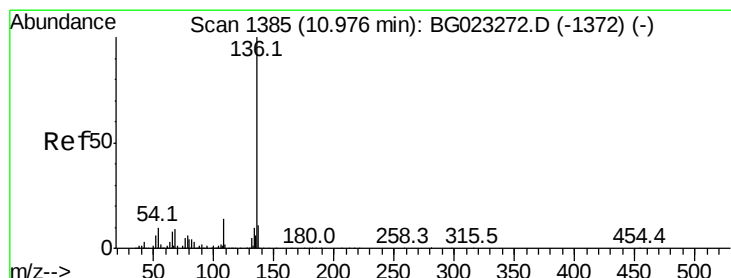
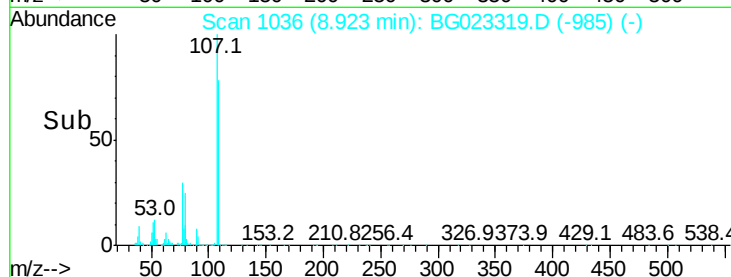
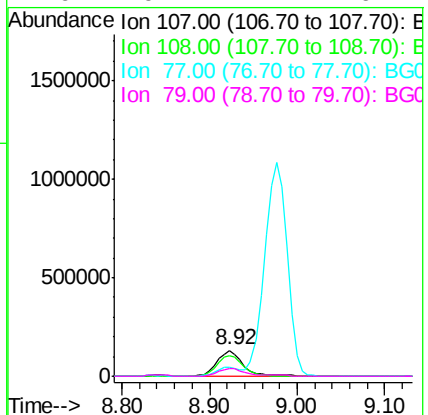
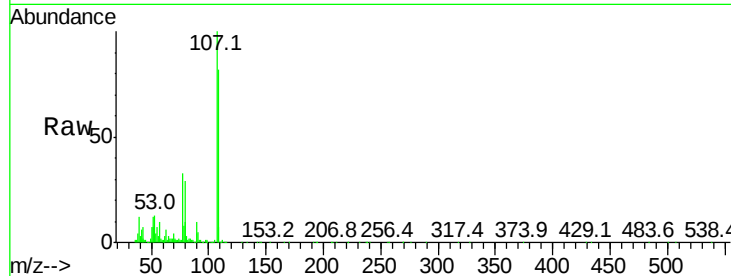




#20
3+4-Methylphenols
Concen: 14.20 ng
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG023319.D
Acq: 28 Jul 2016 23:06

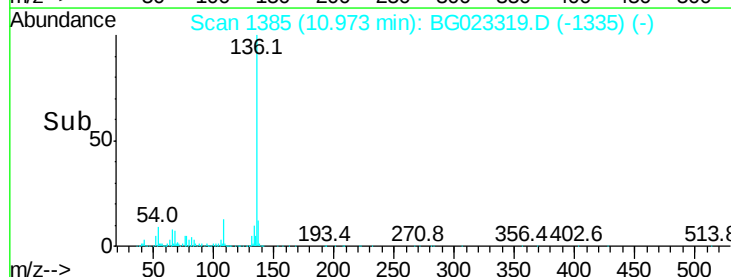
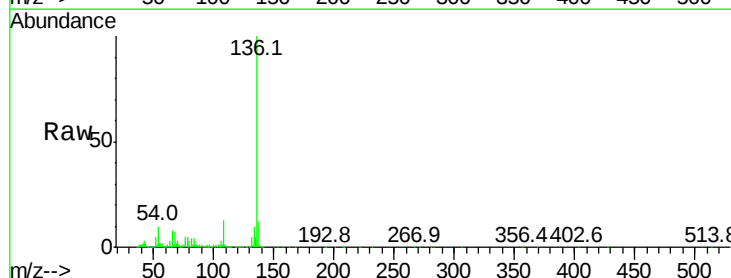
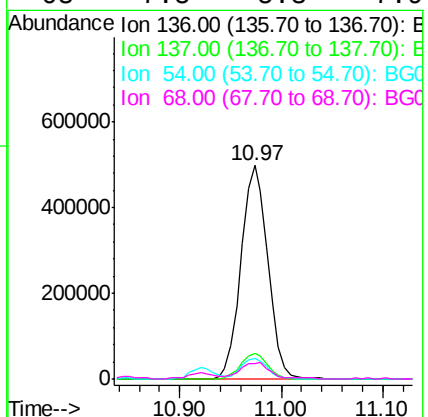
Instrument :
BNA_G
ClientSampleId :
EFF-WWRE

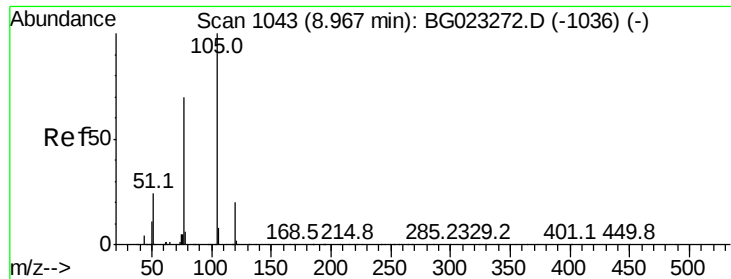
Tot Ion	Ratio	Lower	Upper
107	100		
108	82.0	72.5	112.5
77	32.7	30.1	70.1
79	29.4	24.2	64.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023319.D
Acq: 28 Jul 2016 23:06

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	9.6	7.3	10.9
68	7.5	5.3	7.9





#22

Acetophenone

Concen: 94.01 ng

RT: 8.98 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BG023319.D

Acq: 28 Jul 2016 23:06

Instrument :

BNA_G

ClientSampleId :

EFF-WWRE

Tot Ion:105 Resp: 2242745

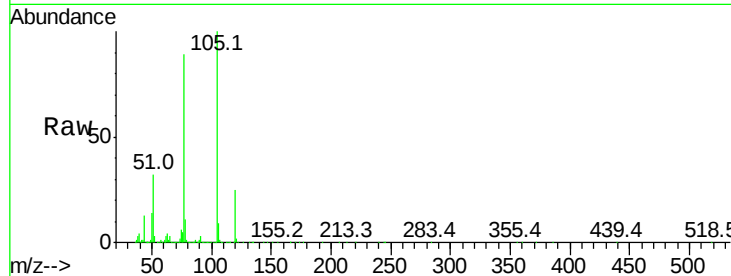
Ion Ratio Lower Upper

105 100

71 0.2 2.6 3.8#

51 32.0 27.1 40.7

120 25.1 15.1 22.7#

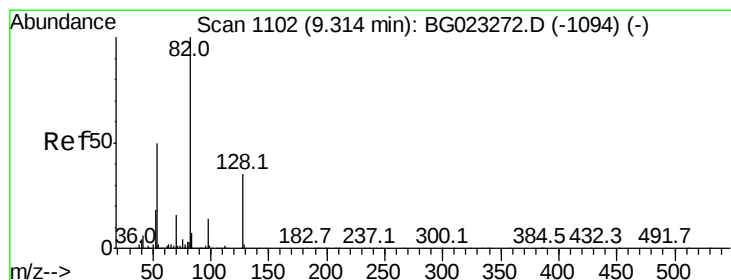
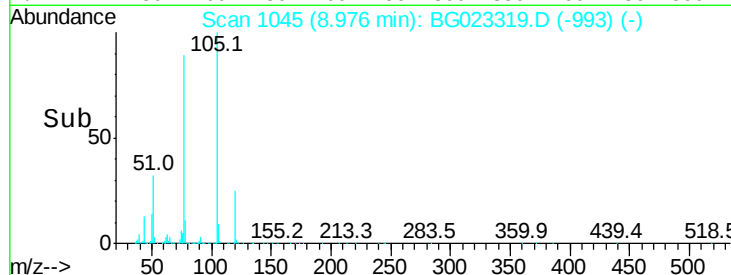
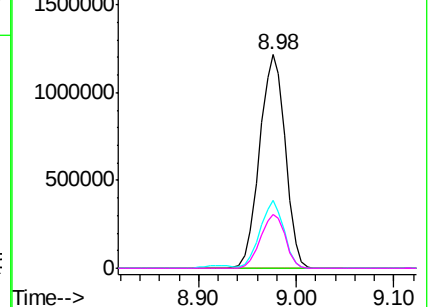


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 66.77 ng

RT: 9.32 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BG023319.D

Acq: 28 Jul 2016 23:06

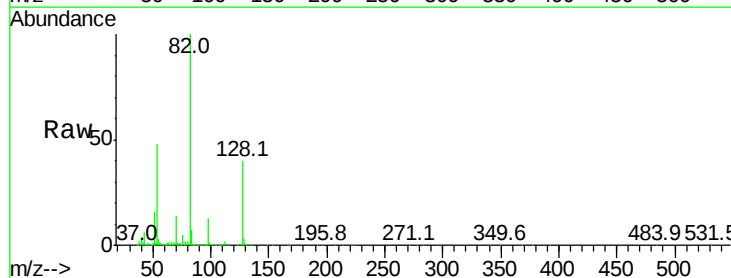
Tgt Ion: 82 Resp: 1247509

Ion Ratio Lower Upper

82 100

128 40.0 24.4 36.6#

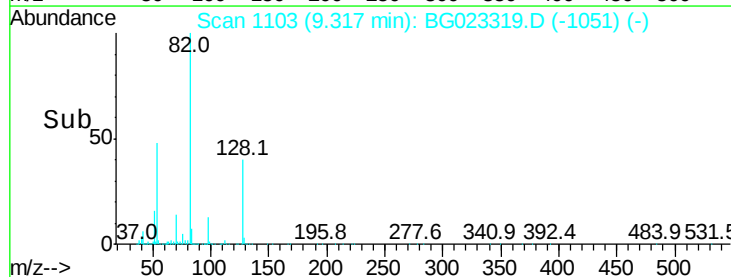
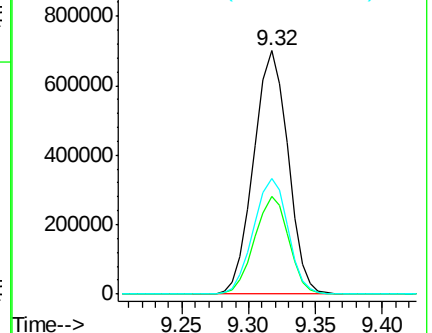
54 47.5 41.4 62.0

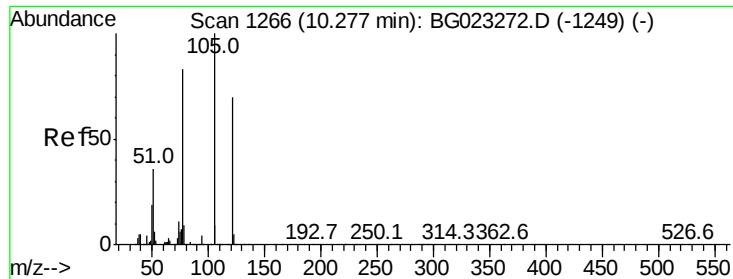


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

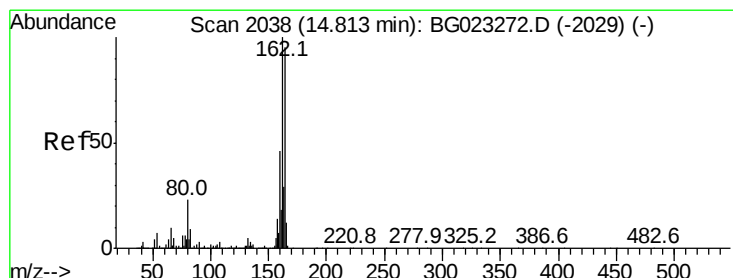
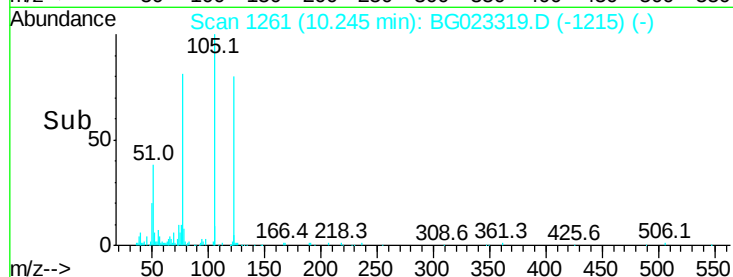
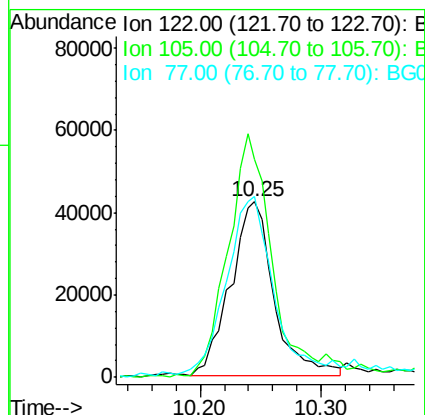
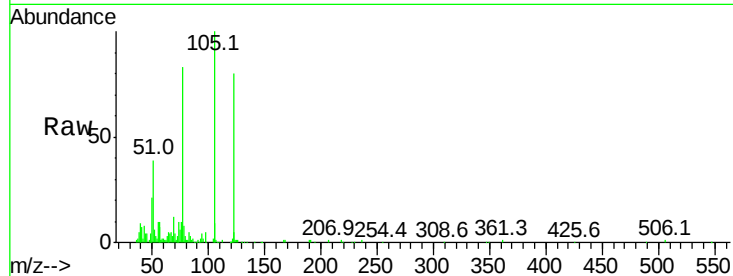




#32
Benzoic acid
Concen: 16.01 ng
RT: 10.25 min Scan# 1261
Delta R.T. -0.03 min
Lab File: BG023319.D
Acq: 28 Jul 2016 23:06

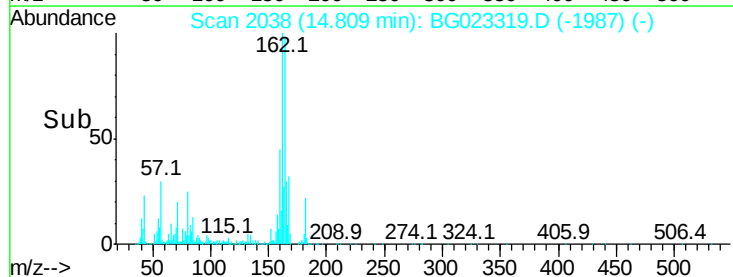
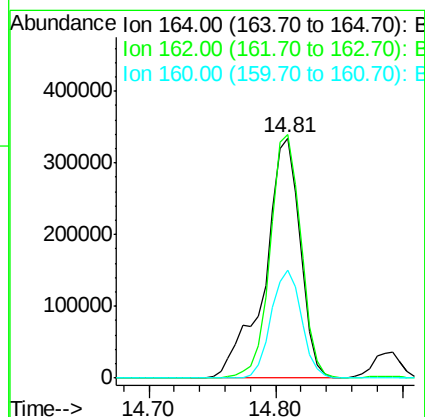
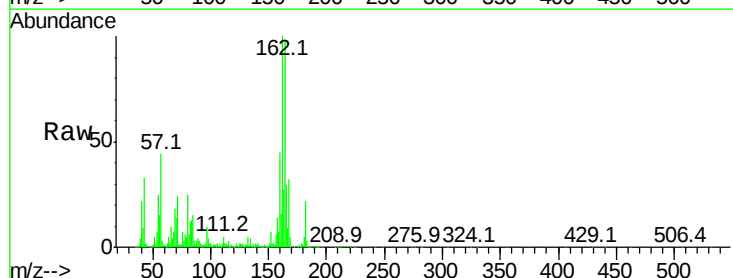
Instrument :
BNA_G
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EFF-WWRE

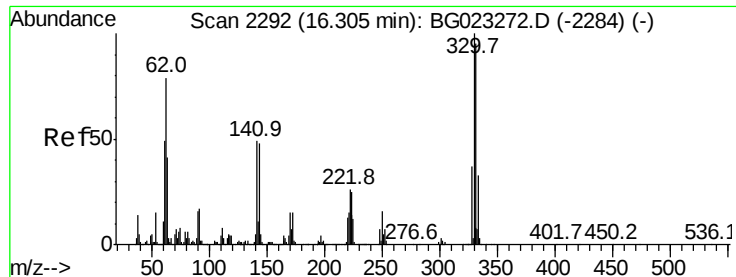
Tot Ion:122 Resp: 106860
Ion Ratio Lower Upper
122 100
105 124.5 117.2 157.2
77 102.7 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG023319.D
Acq: 28 Jul 2016 23:06

Tgt Ion:164 Resp: 648156
Ion Ratio Lower Upper
164 100
162 101.6 87.7 131.5
160 45.2 37.2 55.8

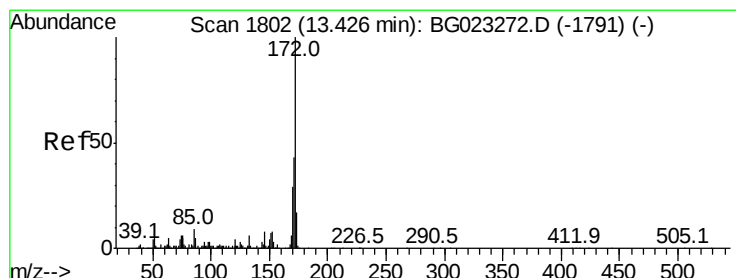
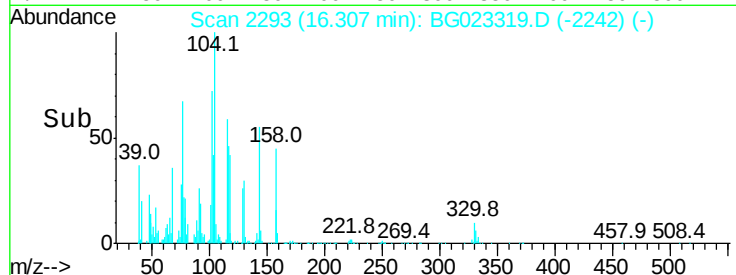
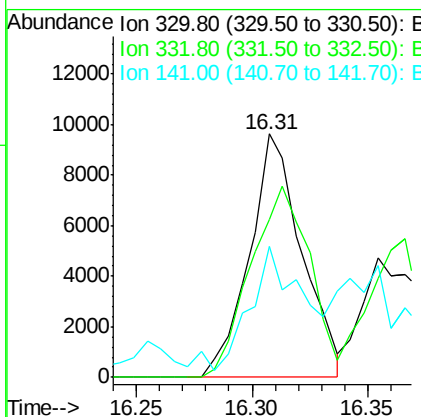
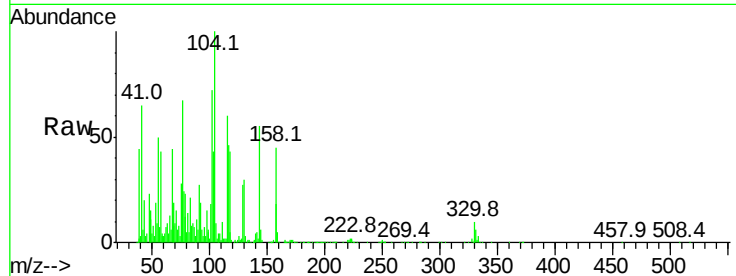




#41
 2,4,6-Tribromophenol
 Concen: 2.27 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023319.D
 Acq: 28 Jul 2016 23:06

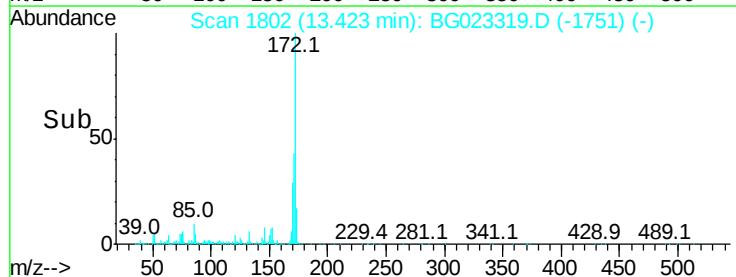
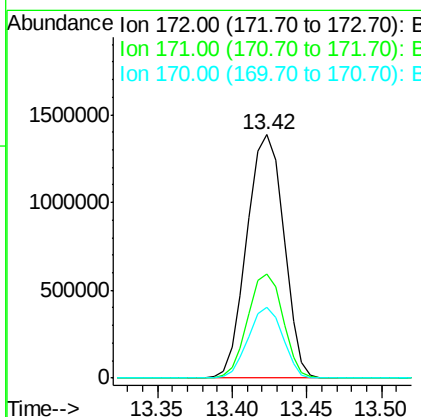
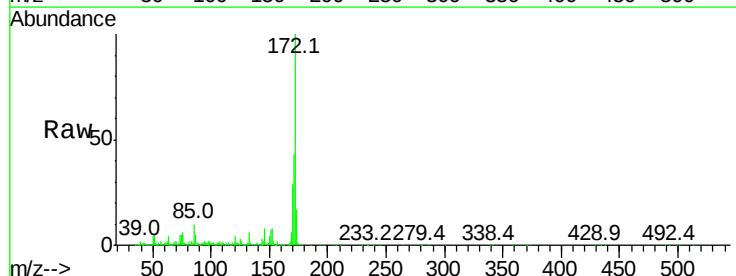
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WWRE

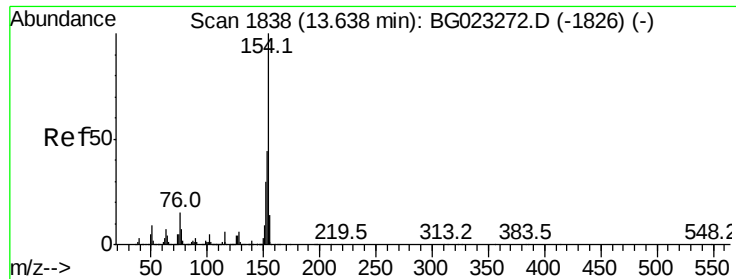
Tot Ion:330 Resp: 15199
 Ion Ratio Lower Upper
 330 100
 332 88.3 77.4 116.2
 141 49.5 31.7 47.5#



#44
 2-Fluorobiphenyl
 Concen: 68.60 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023319.D
 Acq: 28 Jul 2016 23:06

Tgt Ion:172 Resp: 2375777
 Ion Ratio Lower Upper
 172 100
 171 42.8 31.6 47.4
 170 28.8 21.3 31.9





#45

1,1'-Biphenyl

Concen: 6.76 ng

RT: 13.63 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG023319.D

Acq: 28 Jul 2016 23:06

Instrument :

BNA_G

ClientSampleId :

EFF-WWRE

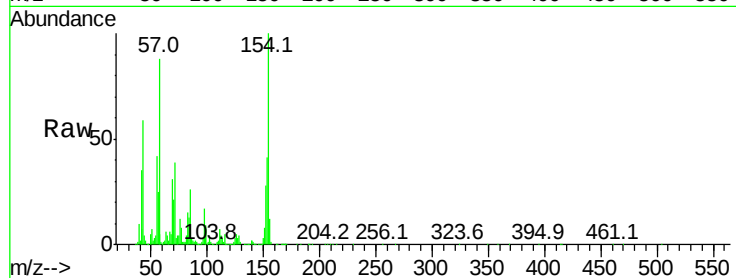
Tot Ion:154 Resp: 305471

Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 12.2 0.0 32.9

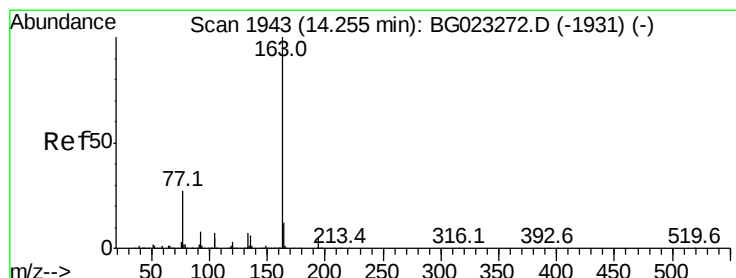
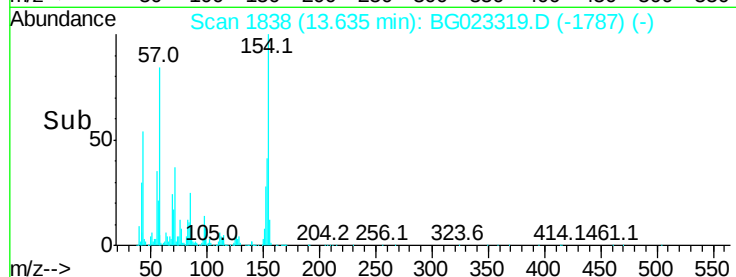


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B

Time-->



#49

Dimethylphthalate

Concen: 9.02 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023319.D

Acq: 28 Jul 2016 23:06

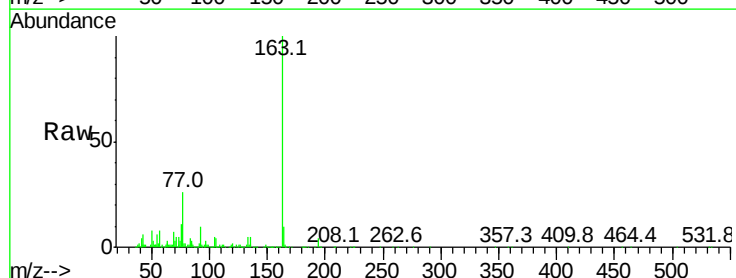
Tgt Ion:163 Resp: 431255

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

164 9.9 8.1 12.1

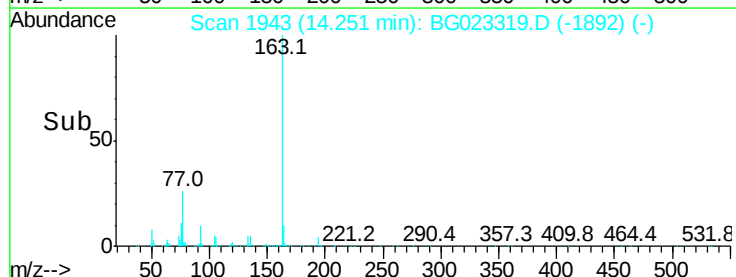


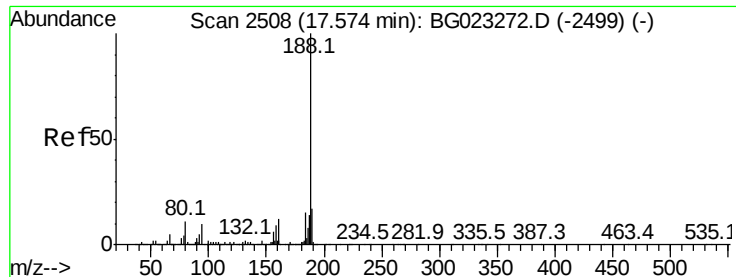
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->

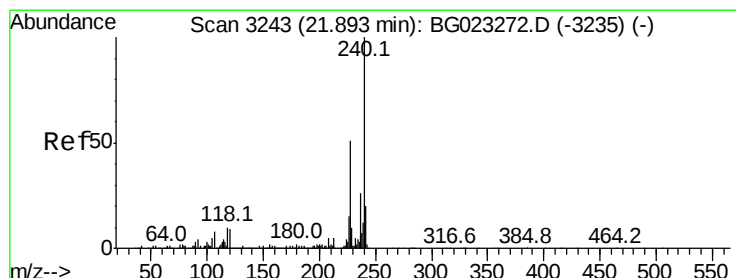
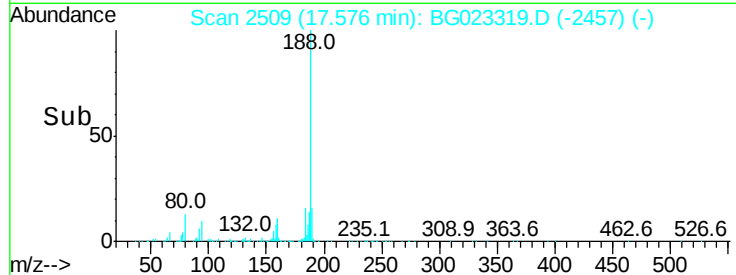
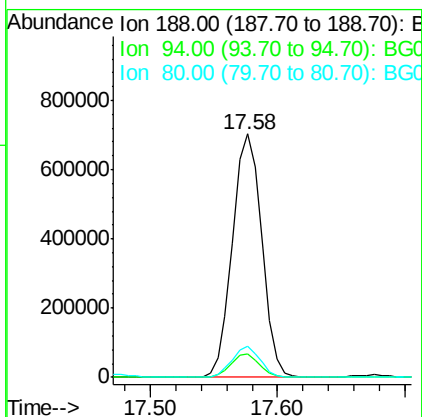
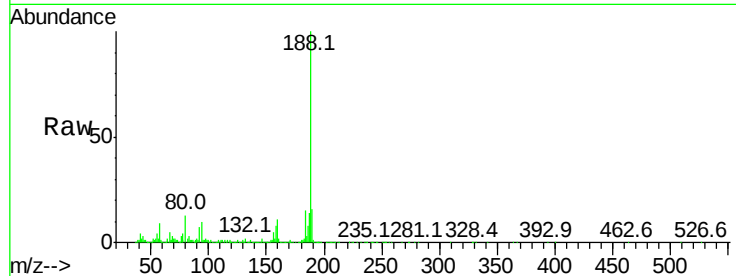




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG023319.D
Acq: 28 Jul 2016 23:06

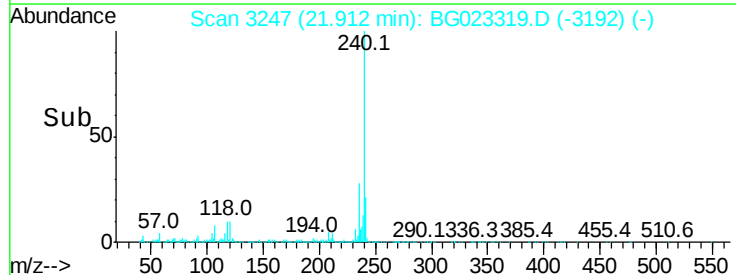
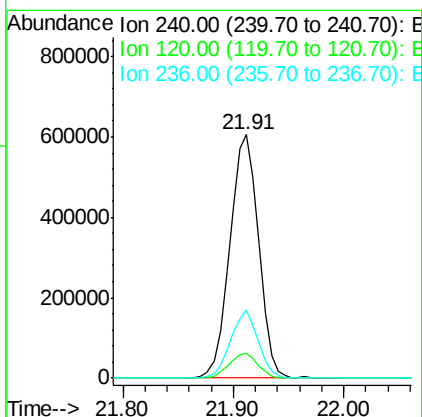
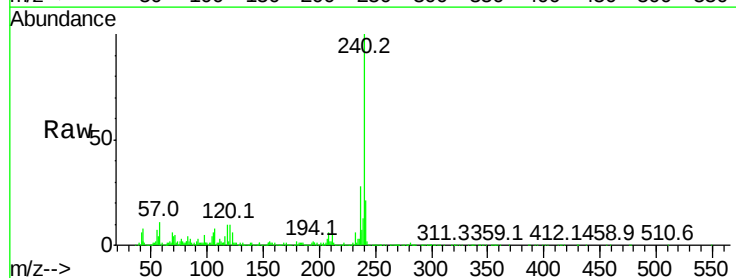
Instrument :
BNA_G
ClientSampleId :
EFF-WWRE

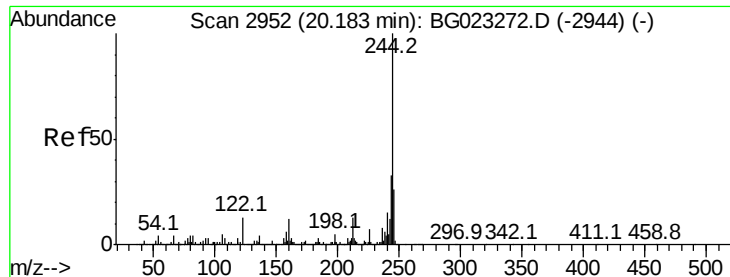
Tot Ion:188 Resp: 1123653
Ion Ratio Lower Upper
188 100
94 9.9 5.2 7.8#
80 12.8 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.91 min Scan# 3247
Delta R.T. 0.02 min
Lab File: BG023319.D
Acq: 28 Jul 2016 23:06

Tgt Ion:240 Resp: 1104096
Ion Ratio Lower Upper
240 100
120 9.9 4.1 6.1#
236 27.9 21.1 31.7





#78

Terphenyl-d14

Concen: 66.23 ng

RT: 20.20 min Scan# 2955

Delta R.T. 0.02 min

Lab File: BG023319.D

Acq: 28 Jul 2016 23:06

Instrument :

BNA_G

ClientSampleId :

EFF-WWRE

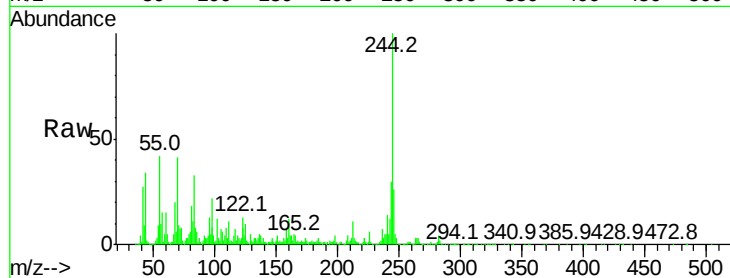
Tot Ion:244 Resp: 2249571

Ion Ratio Lower Upper

244 100

212 11.4 10.8 16.2

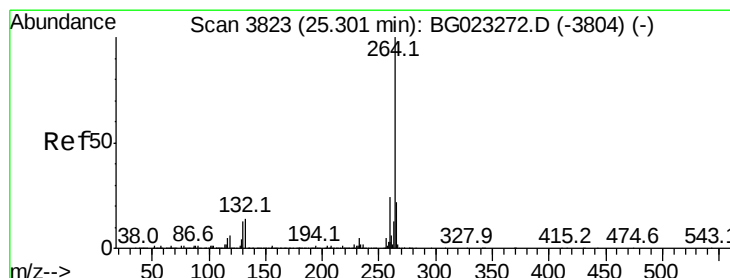
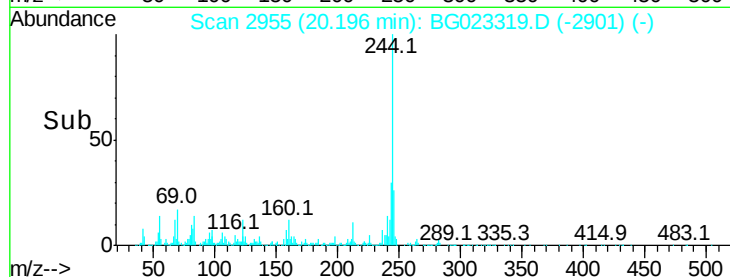
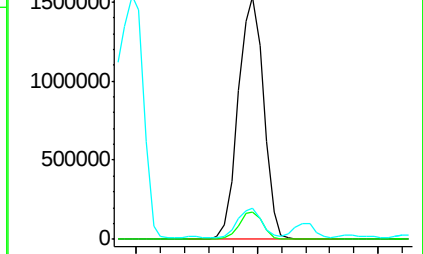
122 12.9 8.0 12.0#



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: BG023319.D

Acq: 28 Jul 2016 23:06

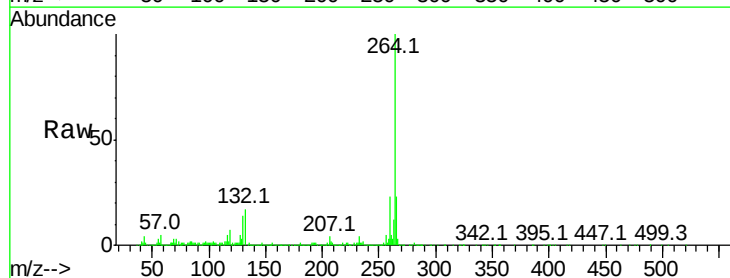
Tgt Ion:264 Resp: 1152951

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 22.7 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

