

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032188.D
 Acq On : 20 Jan 2018 20:35
 Operator : SJ/JU
 Sample : J1188-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

Quant Time: Jan 22 16:26:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

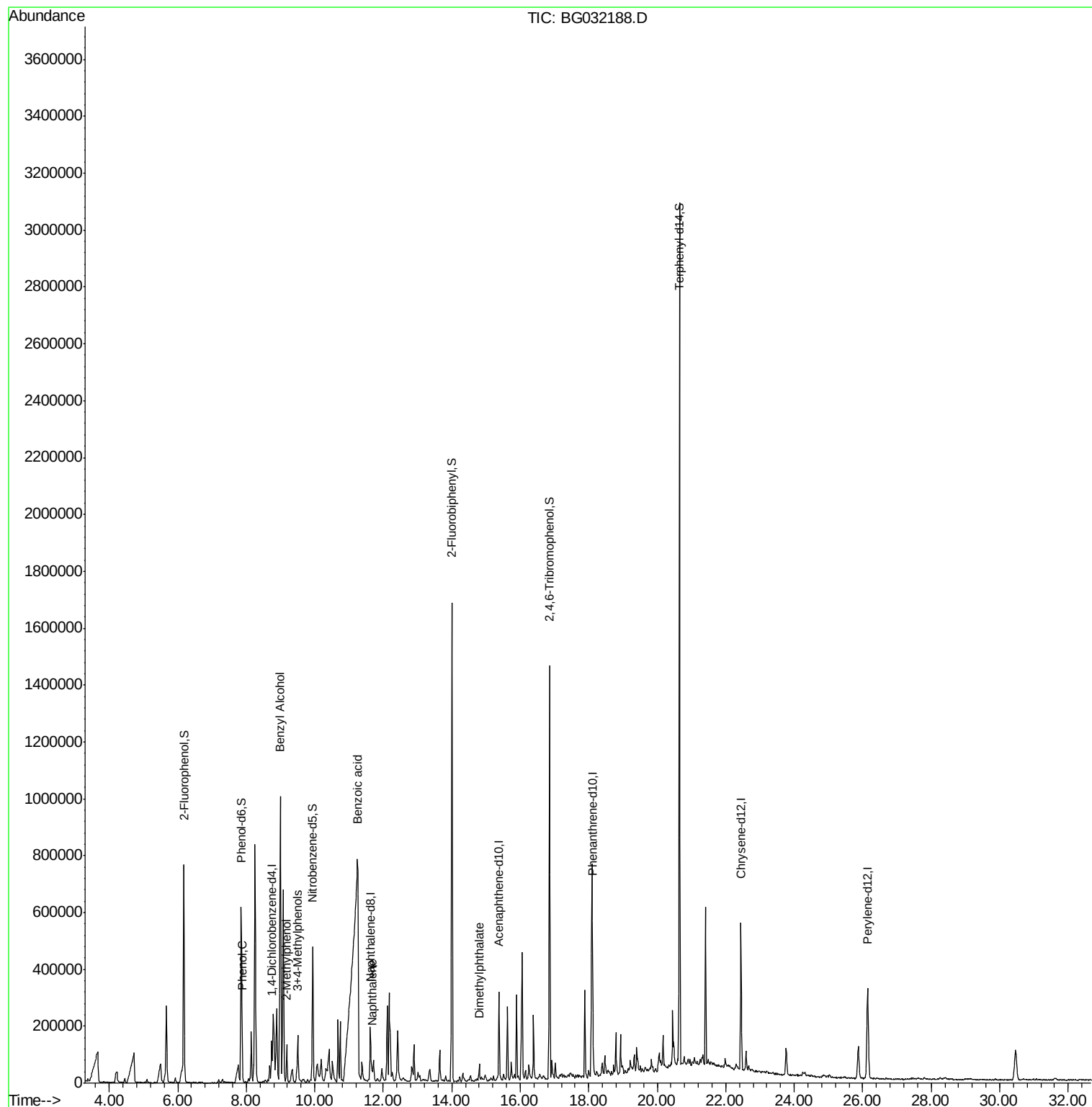
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	47760	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	184052	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	118270	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	298949	20.00	ng	0.00
75) Chrysene-d12	22.45	240	401950	20.00	ng	0.00
86) Perylene-d12	26.14	264	434870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	353389	135.33	ng	0.01
7) Phenol-d6	7.85	99	392113	119.23	ng	0.00
23) Nitrobenzene-d5	9.95	82	301027	110.65	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	339161	173.30	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	993202	104.13	ng	0.00
78) Terphenyl-d14	20.65	244	1636750	89.91	ng	0.00
Target Compounds						
10) Phenol	7.88	94	37753	11.653	ng	92
15) Benzyl Alcohol	8.99	79	442628	185.261	ng	96
17) 2-Methylphenol	9.18	107	44052	17.792	ng	93
20) 3+4-Methylphenols	9.50	107	52815	15.398	ng	94
31) Naphthalene	11.68	128	18990	2.083	ng	96
32) Benzoic acid	11.26	122	1720093	753.590	ng	86
49) Dimethylphthalate	14.80	163	42236	4.081	ng	99

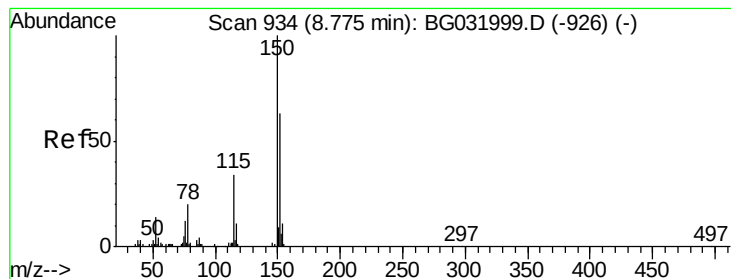
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG032188.D

Acq: 20 Jan 2018 20:35

Instrument :

BNA_G

ClientSampleId :

OWS-1

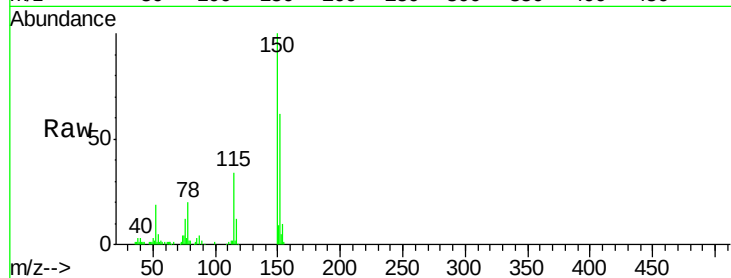
Tot Ion:152 Resp: 47760

Ion Ratio Lower Upper

152 100

150 161.9 126.6 189.8

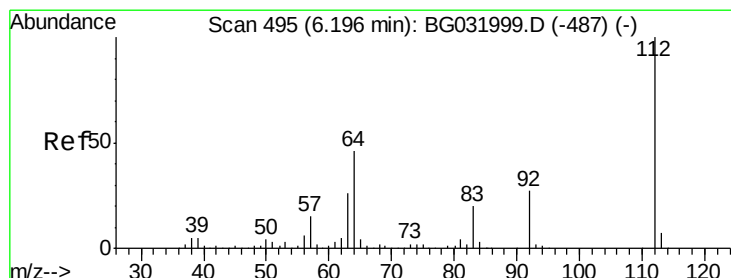
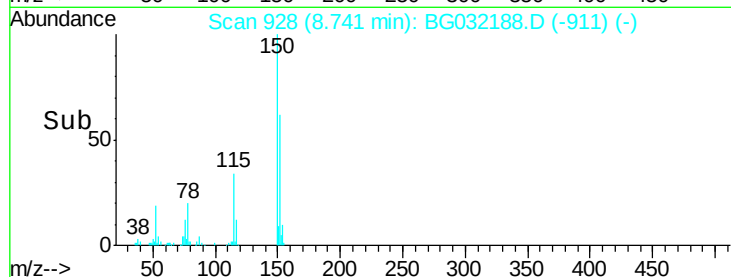
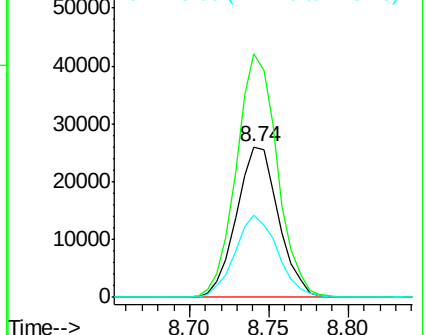
115 55.0 53.0 79.4



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: 135.328 ng

RT: 6.18 min Scan# 492

Delta R.T. 0.01 min

Lab File: BG032188.D

Acq: 20 Jan 2018 20:35

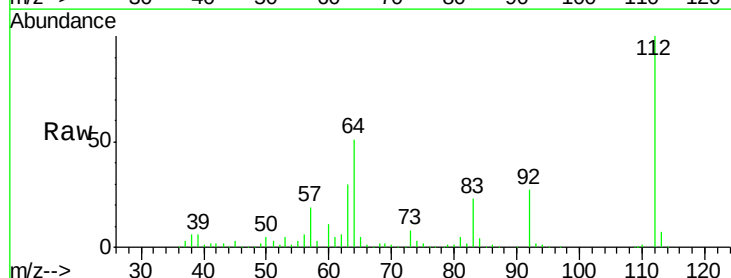
Tgt Ion:112 Resp: 353389

Ion Ratio Lower Upper

112 100

64 51.0 56.3 84.5#

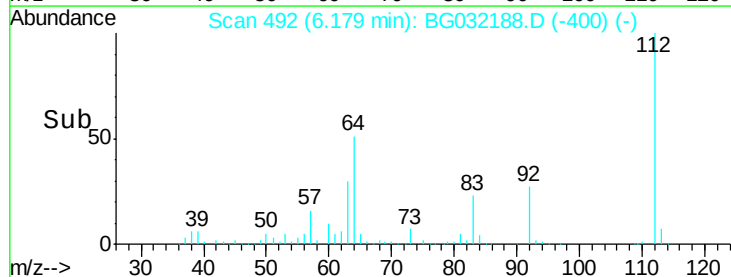
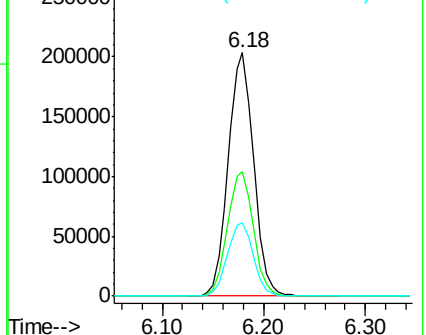
63 30.2 30.1 45.1

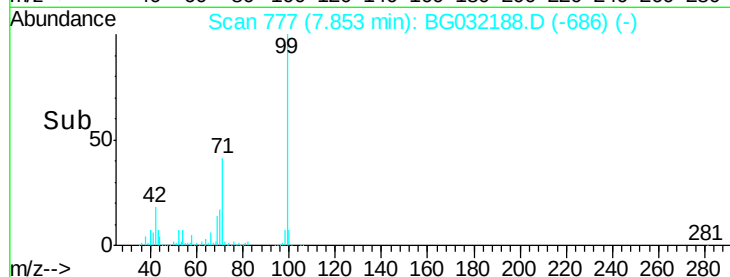
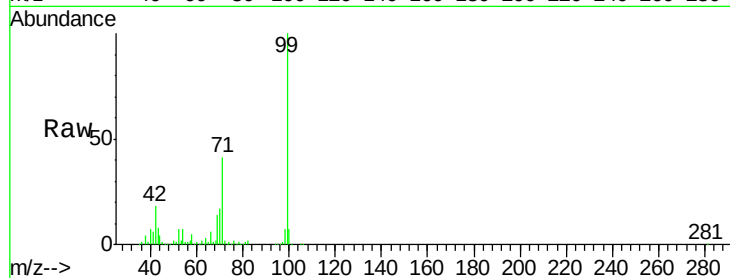
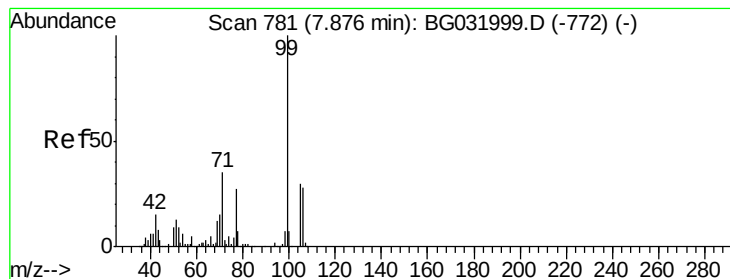


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.225 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032188.D

Acq: 20 Jan 2018 20:35

Instrument :

BNA_G

ClientSampleId :

OWS-1

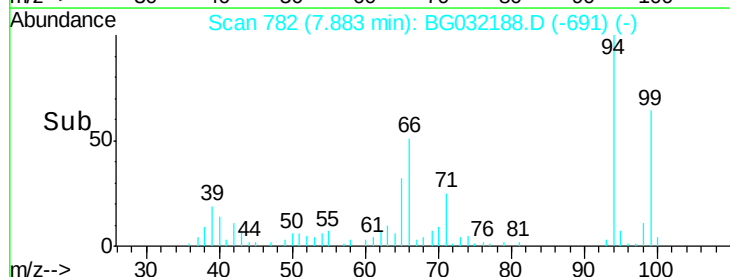
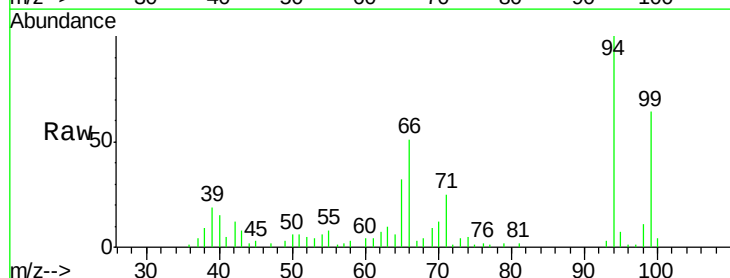
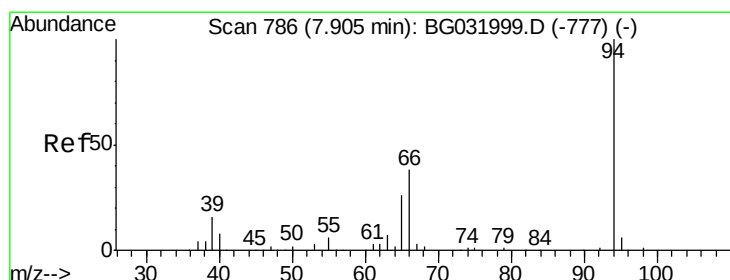
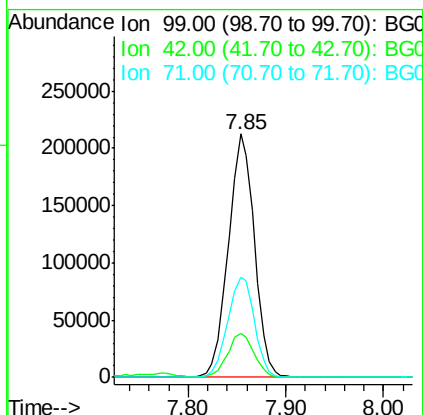
Tot Ion: 99 Resp: 392113

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

71 41.0 26.1 39.1#



#10

Phenol

Concen: 11.653 ng

RT: 7.88 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG032188.D

Acq: 20 Jan 2018 20:35

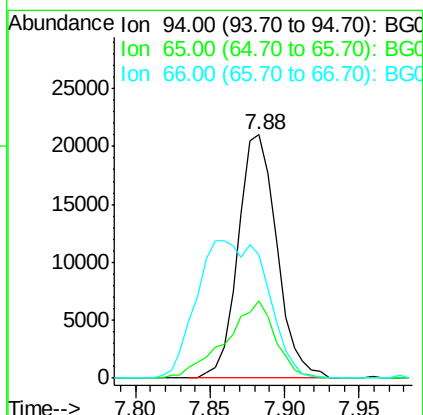
Tgt Ion: 94 Resp: 37753

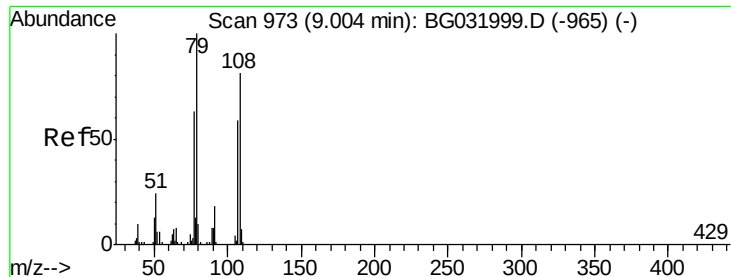
Ion Ratio Lower Upper

94 100

65 31.7 11.9 51.9

66 50.9 22.2 62.2





#15

Benzyl Alcohol

Concen: 185.261 ng

RT: 8.99 min Scan# 971

Delta R.T. 0.02 min

Lab File: BG032188.D

Acq: 20 Jan 2018 20:35

Instrument :

BNA_G

ClientSampled :

OWS-1

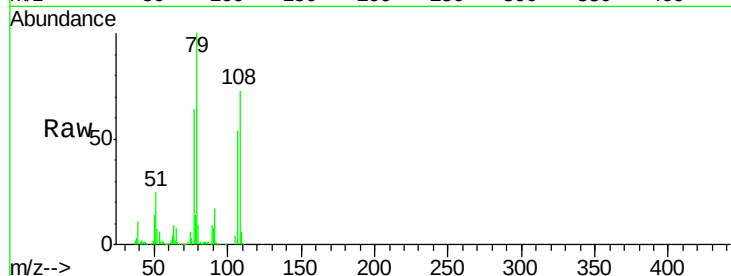
Tot Ion: 79 Resp: 442628

Ion Ratio Lower Upper

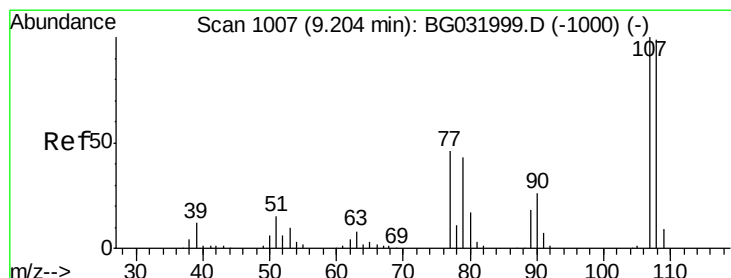
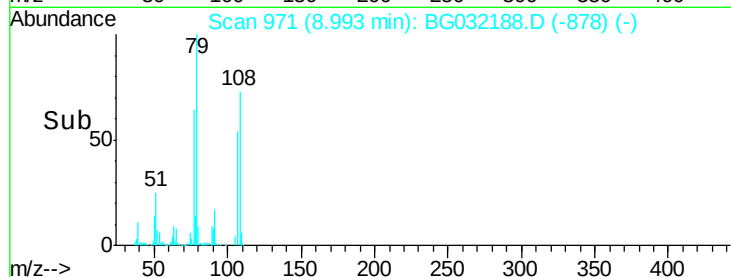
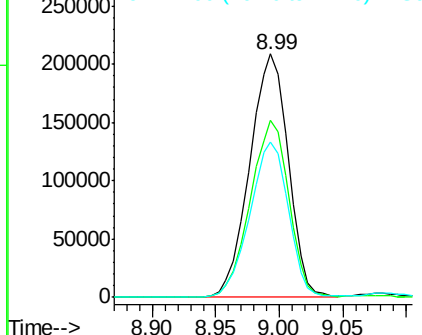
79 100

108 72.5 57.2 85.8

77 63.8 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#17

2-Methylphenol

Concen: 17.792 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BG032188.D

Acq: 20 Jan 2018 20:35

Tgt Ion: 107 Resp: 44052

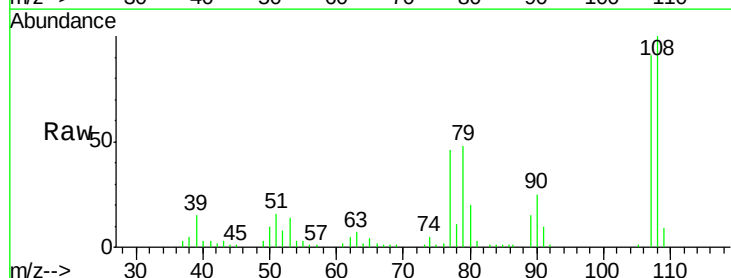
Ion Ratio Lower Upper

107 100

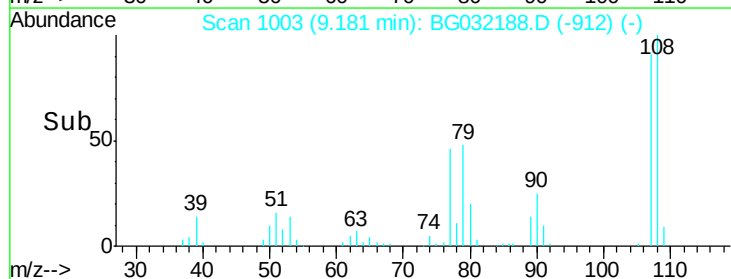
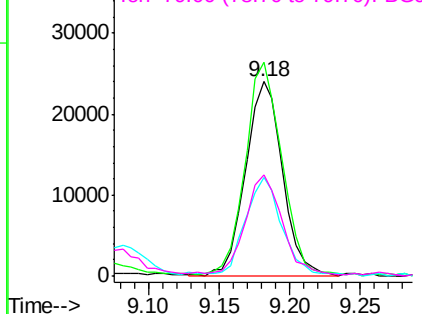
108 109.8 83.9 125.9

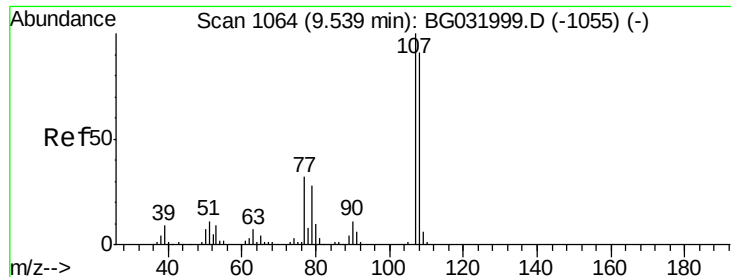
77 50.9 37.2 55.8

79 52.3 36.2 54.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

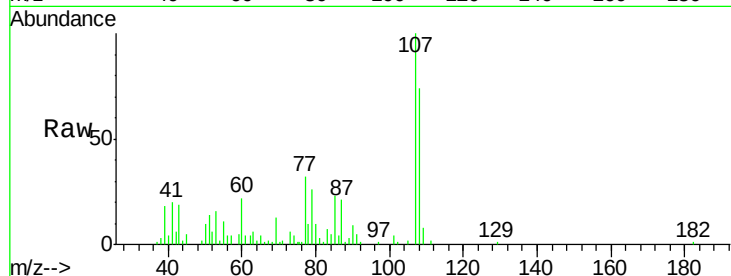




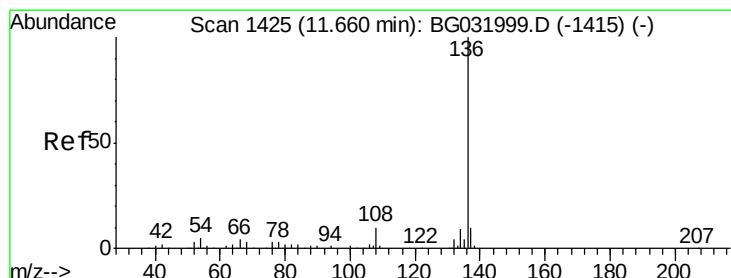
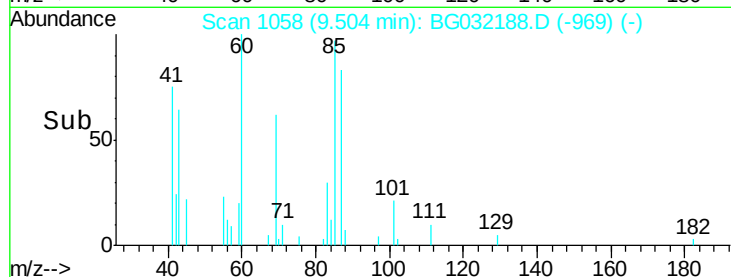
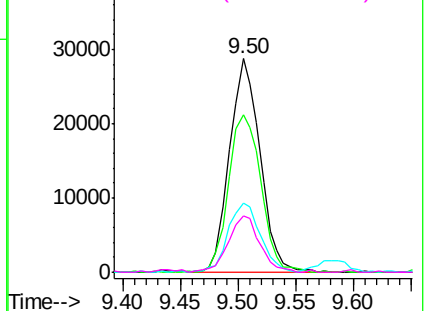
#20
3+4-Methylphenols
Concen: 15.398 ng
RT: 9.50 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tot Ion:107	Resp:	52815
Ion Ratio	Lower	Upper
107	100	
108	73.9	61.6 101.6
77	32.5	13.9 53.9
79	26.5	8.8 48.8

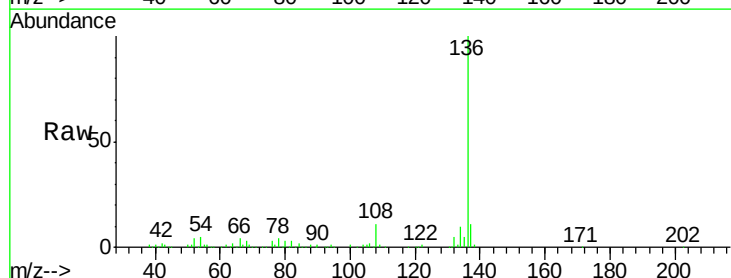


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

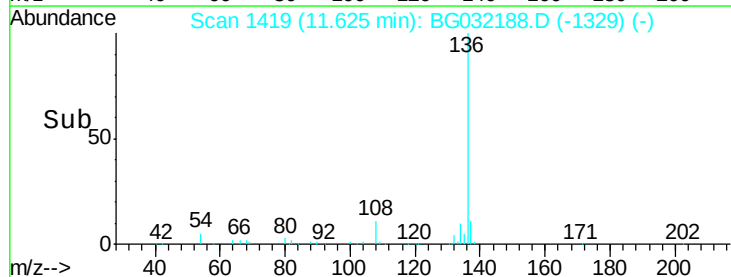
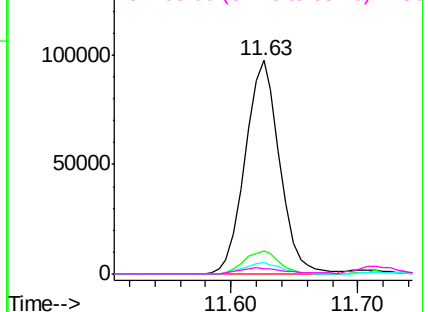


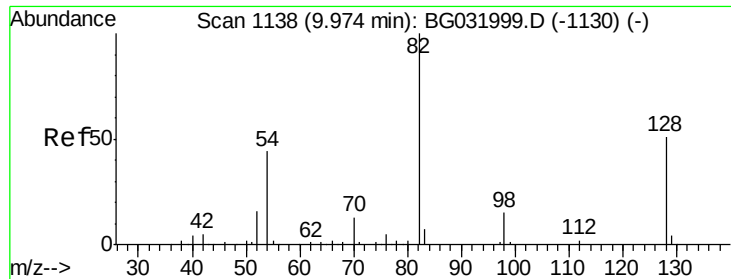
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Tgt Ion:136	Resp:	184052
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	5.5	10.3 15.5#
68	2.6	4.5 6.7#



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

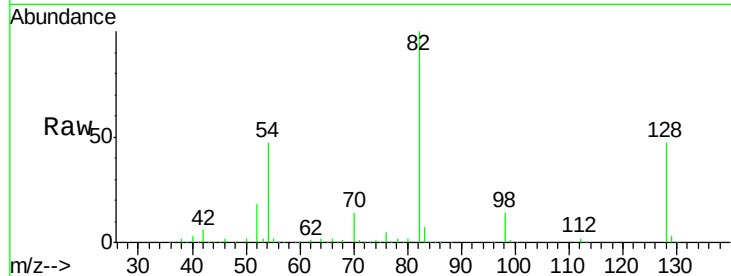




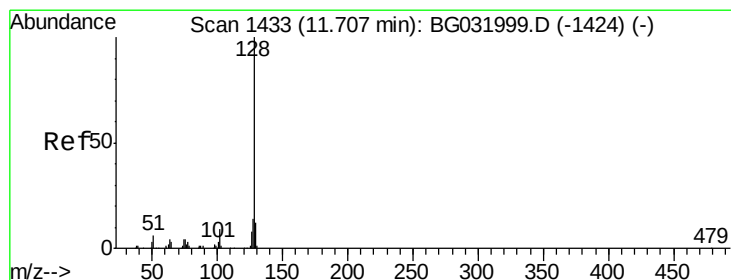
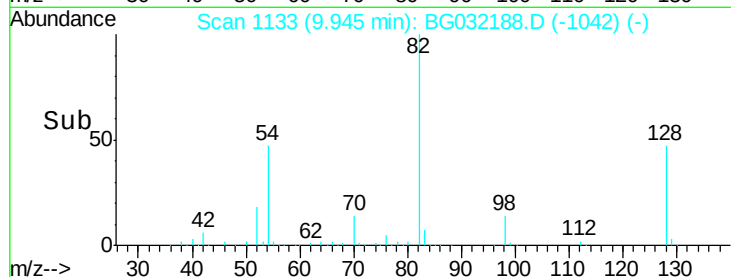
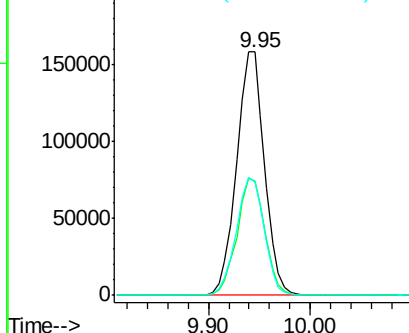
#23
 Nitrobenzene-d5
 Concen: 110.652 ng
 RT: 9.95 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BG032188.D
 Acq: 20 Jan 2018 20:35

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

Tot Ion	82	Resp	301027
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
82	100		
128	46.8	29.7	44.5
54	46.5	43.1	64.7

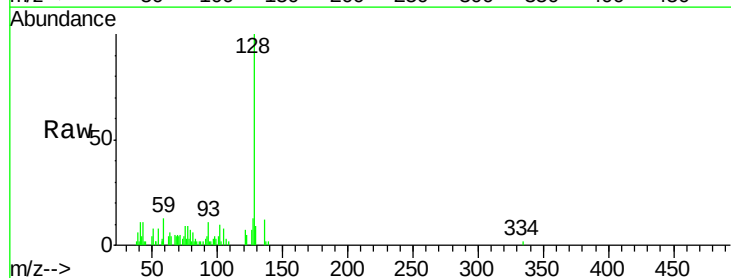


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

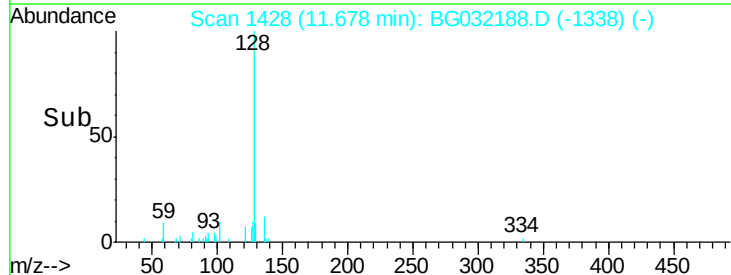
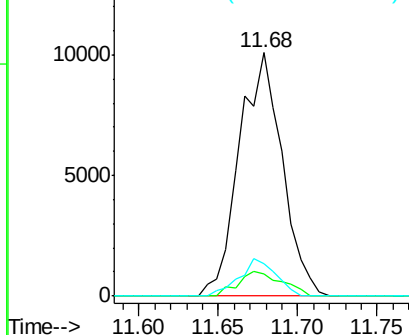


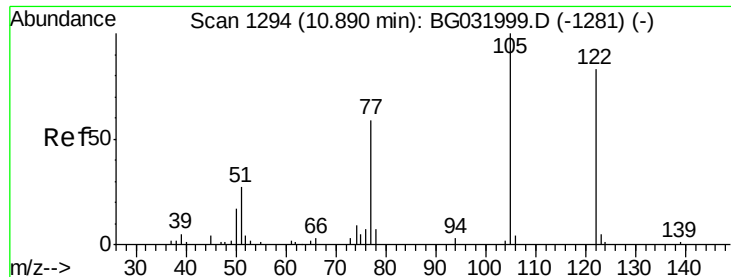
#31
 Naphthalene
 Concen: 2.083 ng
 RT: 11.68 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BG032188.D
 Acq: 20 Jan 2018 20:35

Tgt Ion	128	Resp	18990
Ion Ratio	100		
Lower	8.6		
Upper	12.8		
128	100		
129	8.9	8.6	12.8
127	13.2	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

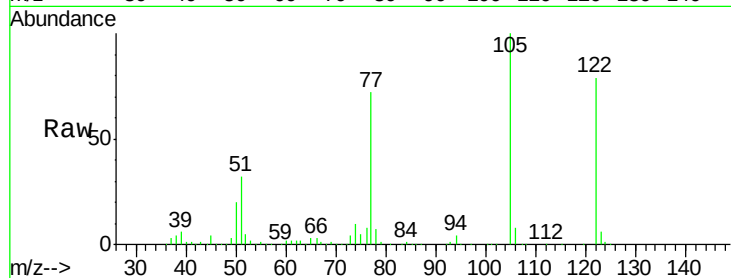




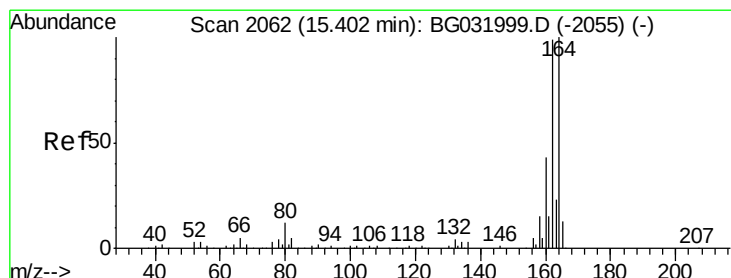
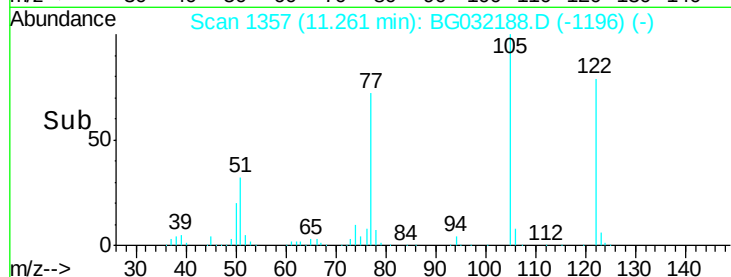
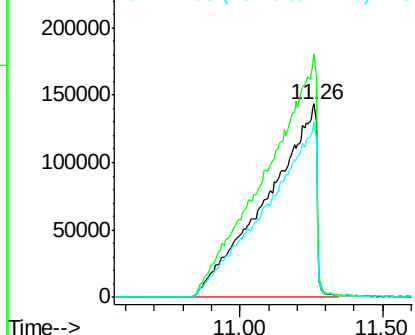
#32
Benzoic acid
Concen: 753.590 ng
RT: 11.26 min Scan# 1357
Delta R.T. 0.42 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tot Ion:122 Resp: 1720093
Ion Ratio Lower Upper
122 100
105 126.1 123.5 163.5
77 91.3 85.7 125.7

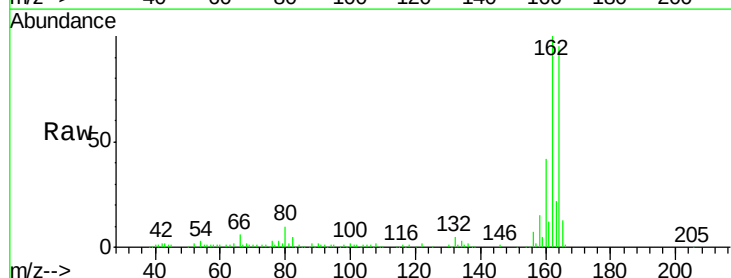


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

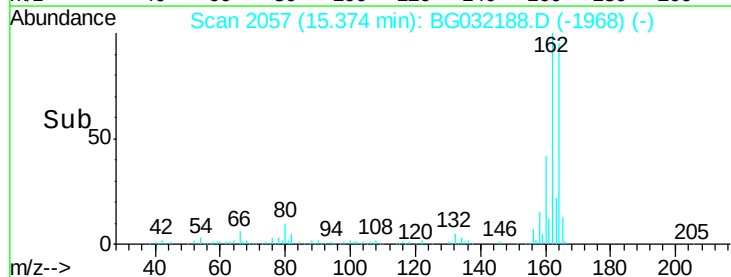
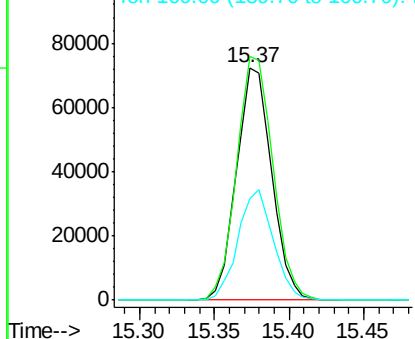


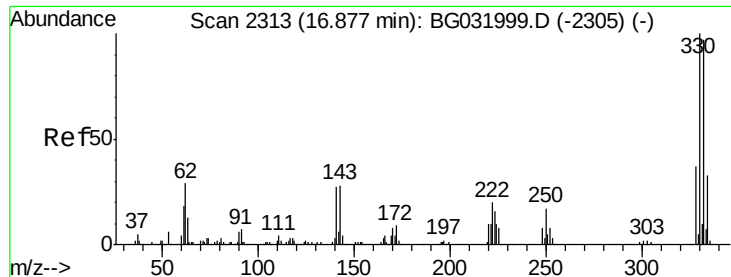
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Tgt Ion:164 Resp: 118270
Ion Ratio Lower Upper
164 100
162 104.9 78.8 118.2
160 43.6 35.4 53.0



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

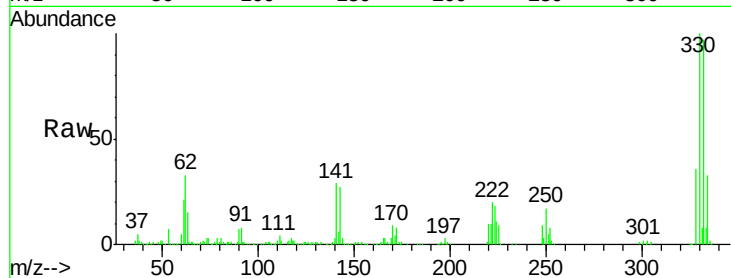




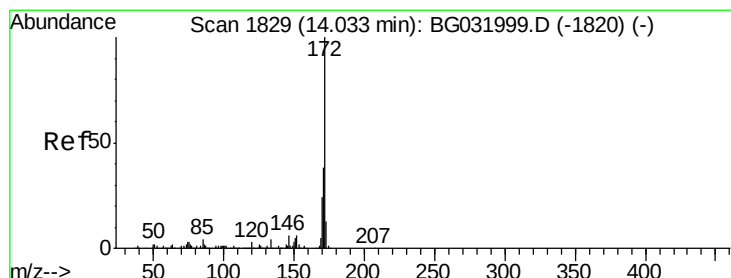
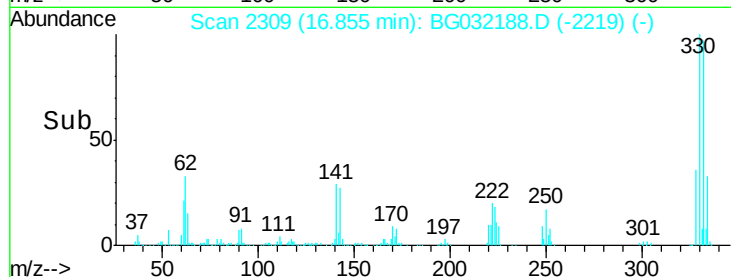
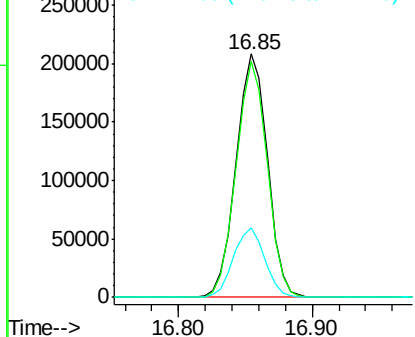
#41
 2,4,6-Tribromophenol
 Concen: 173.298 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG032188.D
 Acq: 20 Jan 2018 20:35

Instrument :
 BNA_G
 ClientSampled :
 OWS-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	28.9	25.2	37.8

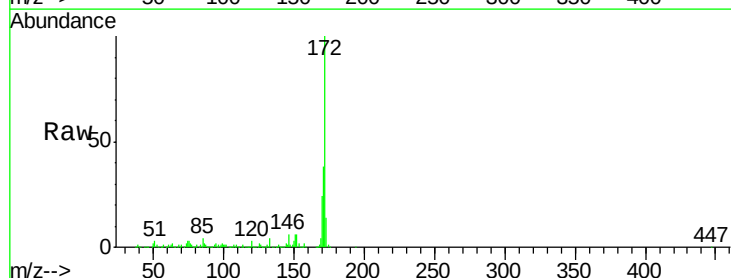


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

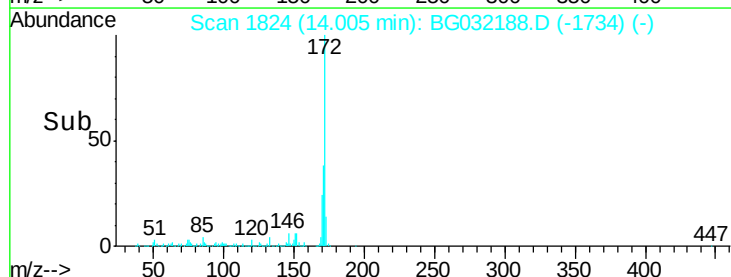
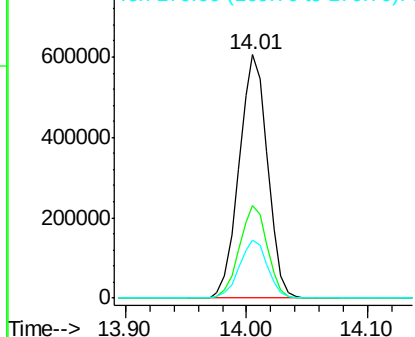


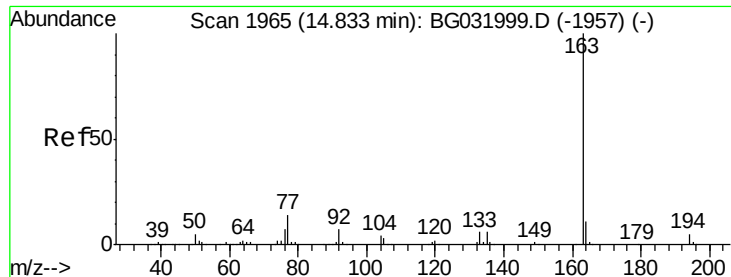
#44
 2-Fluorobiphenyl
 Concen: 104.128 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032188.D
 Acq: 20 Jan 2018 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.7	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: 4.081 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG032188.D

Acq: 20 Jan 2018 20:35

Instrument :

BNA_G

ClientSampleId :

OWS-1

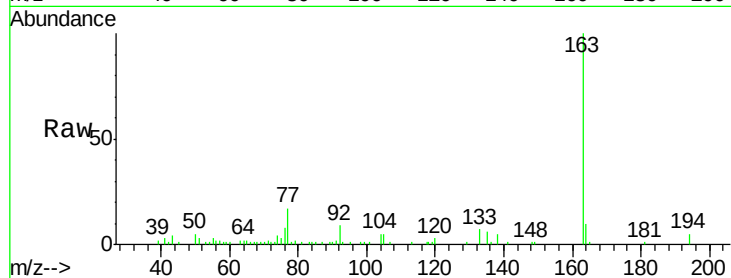
Tot Ion:163 Resp: 42236

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

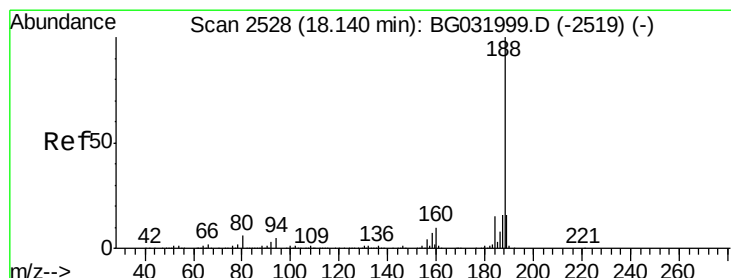
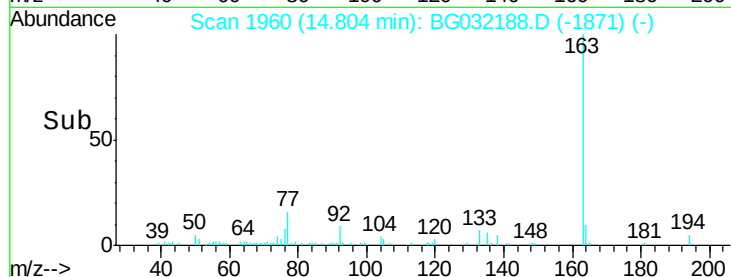
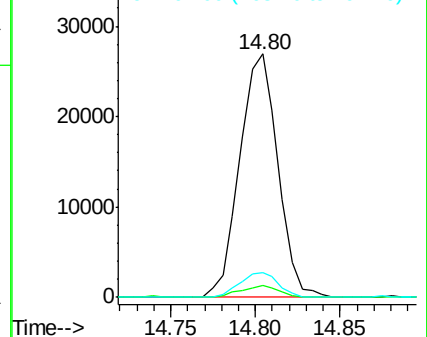
164 9.9 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.11 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BG032188.D

Acq: 20 Jan 2018 20:35

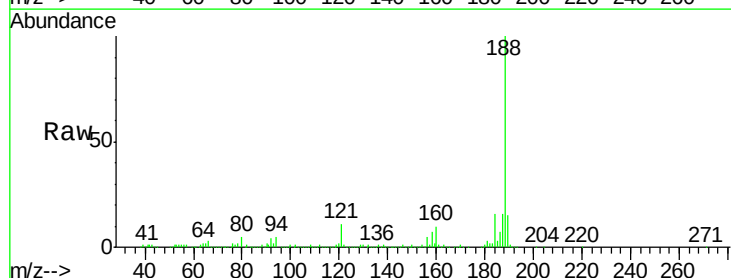
Tgt Ion:188 Resp: 298949

Ion Ratio Lower Upper

188 100

94 4.6 6.9 10.3#

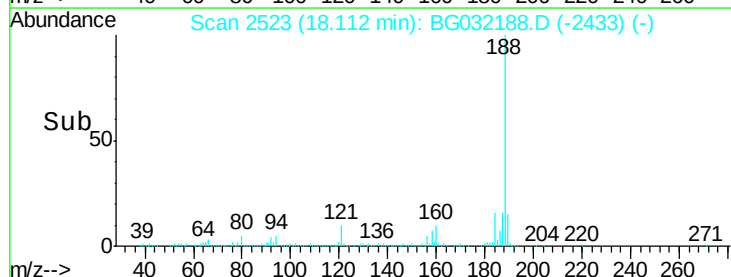
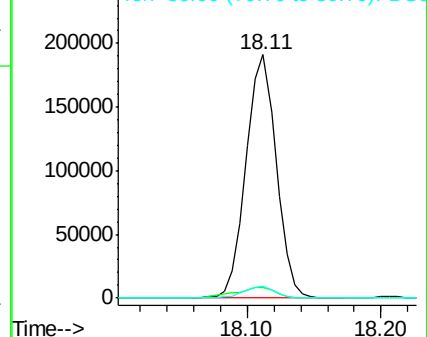
80 4.7 7.7 11.5#

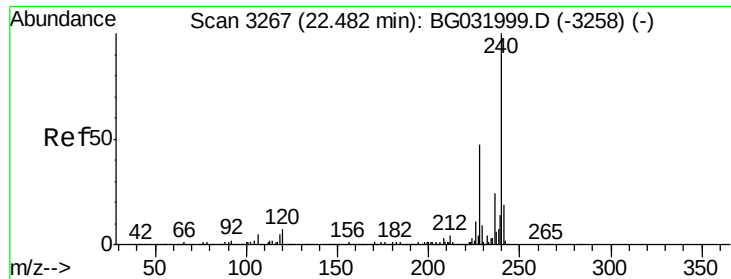


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BG032188.D

Acq: 20 Jan 2018 20:35

Instrument :

BNA_G

ClientSampleId :

OWS-1

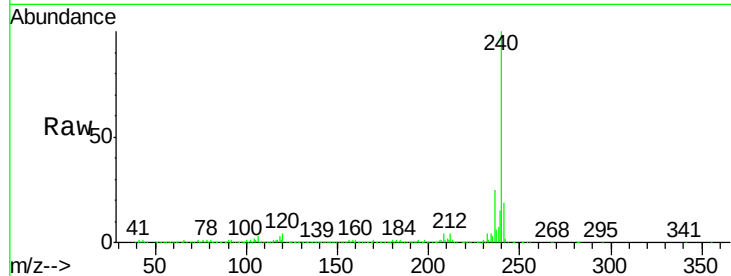
Tot Ion:240 Resp: 401950

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

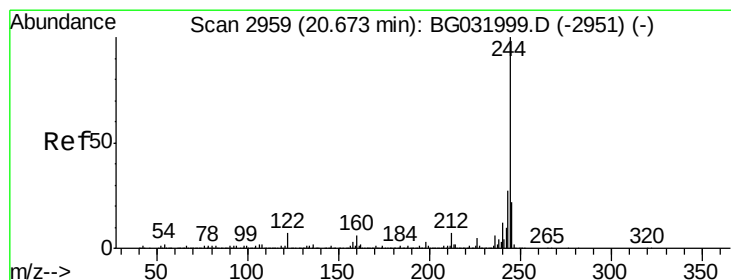
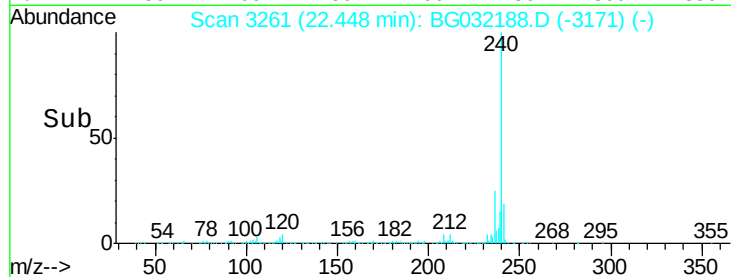
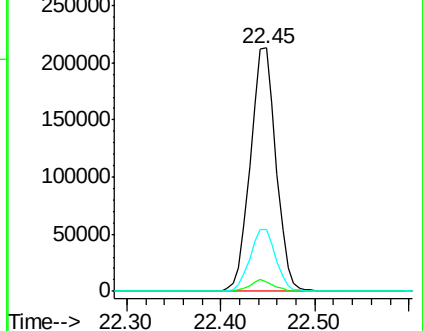
236 25.2 20.9 31.3



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



#78

Terphenyl-d14

Concen: 89.912 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032188.D

Acq: 20 Jan 2018 20:35

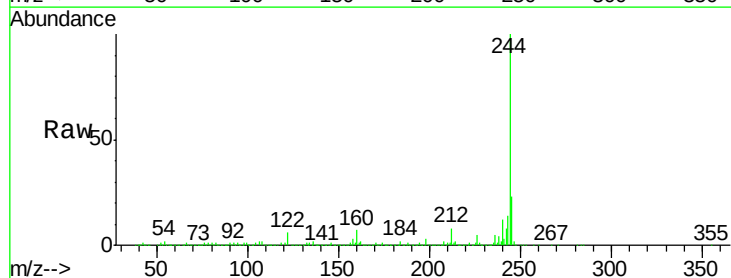
Tgt Ion:244 Resp: 1636750

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

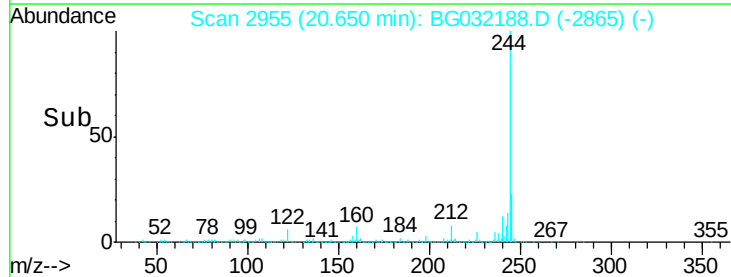
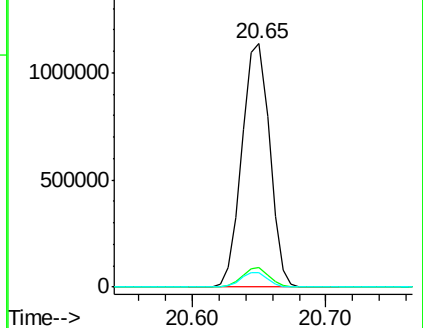
122 5.9 7.0 10.4#

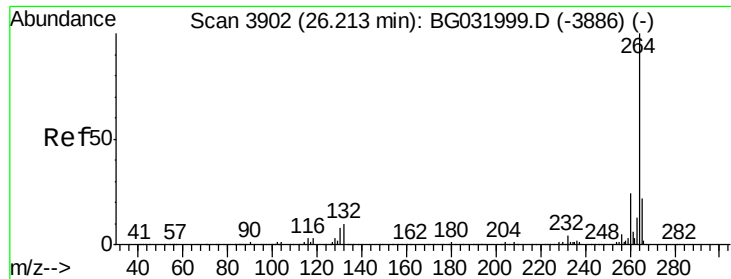


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

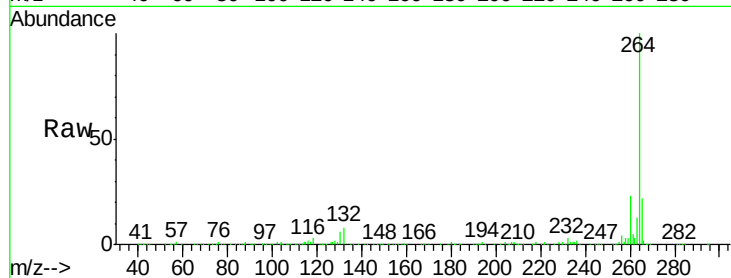




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.14 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	22.1	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

