

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032048.D
 Acq On : 16 Jan 2018 1:06
 Operator : SJ/JU
 Sample : J1117-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 03:09:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

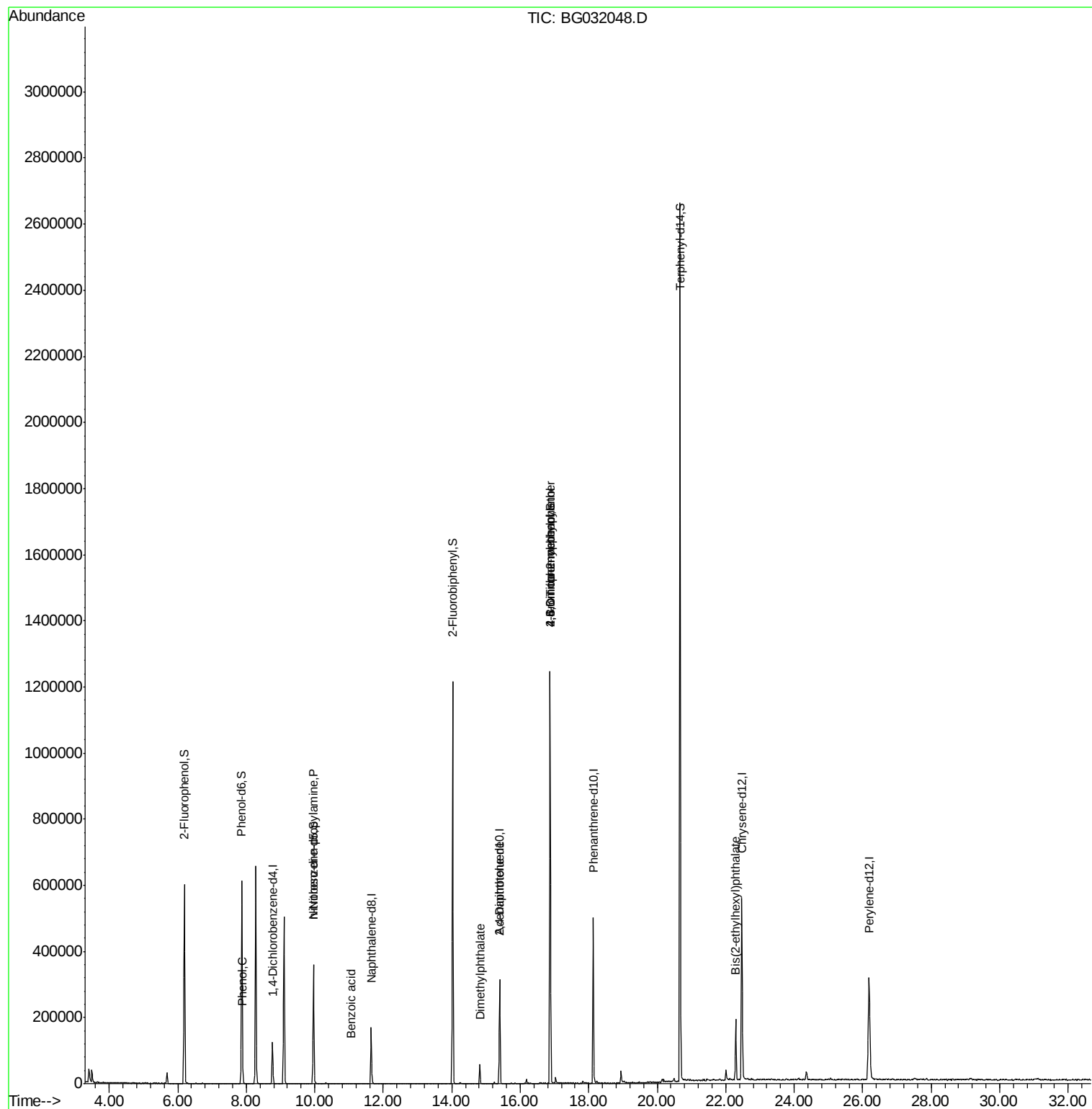
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	41011	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	166835	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	120277	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	348948	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	434652	20.00	ng	-0.02
86) Perylene-d12	26.19	264	443740	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	320508	142.93	ng	0.00
7) Phenol-d6	7.87	99	397958	140.92	ng	0.00
23) Nitrobenzene-d5	9.96	82	228769	92.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	278721	140.04	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	744471	76.75	ng	0.00
78) Terphenyl-d14	20.67	244	1507725	76.59	ng	0.00
Target Compounds						
10) Phenol	7.90	94	8889	3.195	ng	89
19) n-Nitroso-di-n-propylamine	9.96	70	31511	17.983	ng	# 70
32) Benzoic acid	11.07	122	59	5.284	ng	# 1
49) Dimethylphthalate	14.82	163	45012	4.277	ng	# 96
56) 2,4-Dinitrotoluene	15.40	165	14939	5.079	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.87	198	872	5.235	ng	# 1
66) 4-Bromophenyl-phenylether	16.87	248	23078	4.648	ng	# 1
83) Bis(2-ethylhexyl)phthalate	22.29	149	102565	7.144	ng	# 97

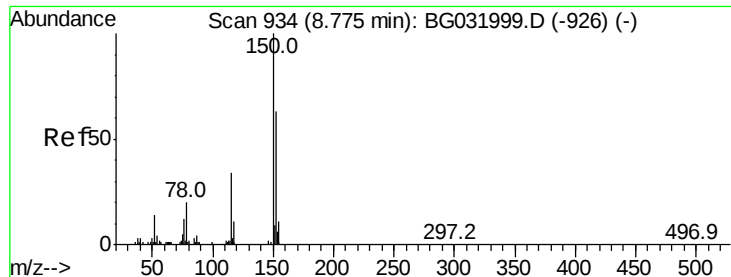
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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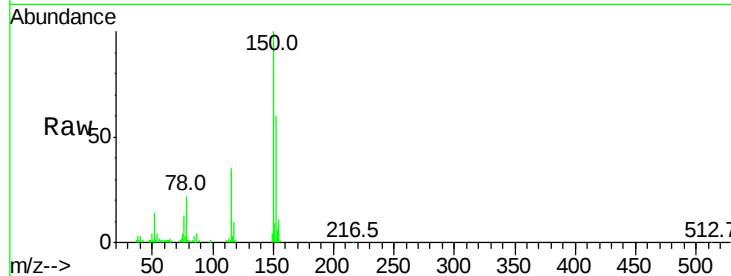


#1

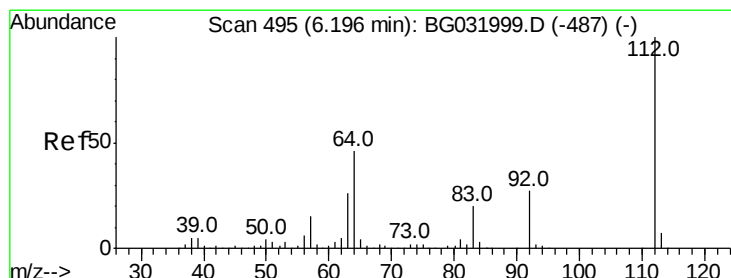
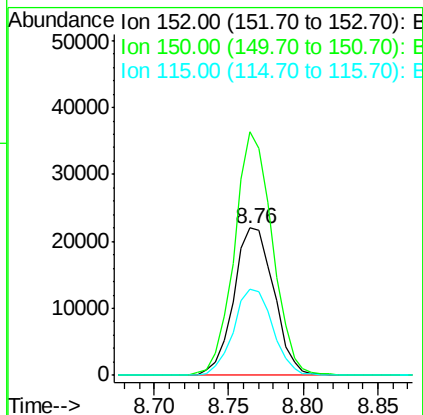
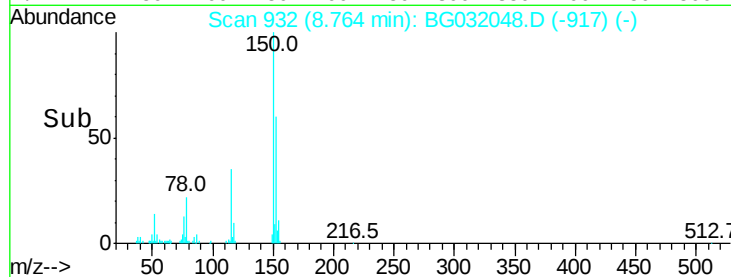
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032048.D
Acq: 16 Jan 2018 1:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41011
Ion Ratio Lower Upper
152 100
150 165.4 126.6 189.8
115 58.4 53.0 79.4



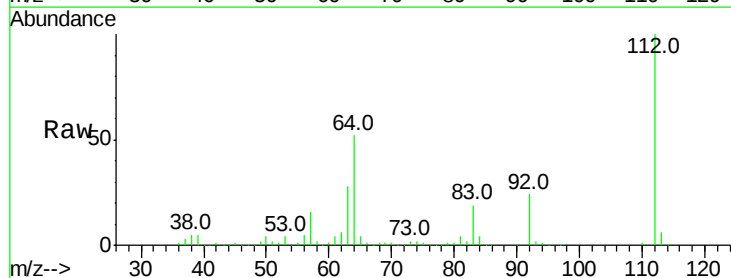
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



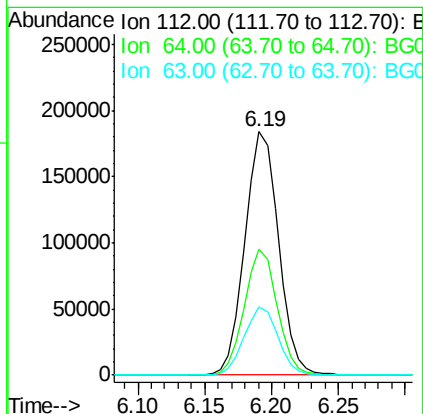
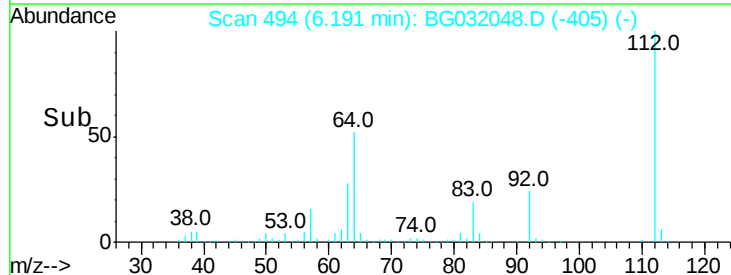
#5

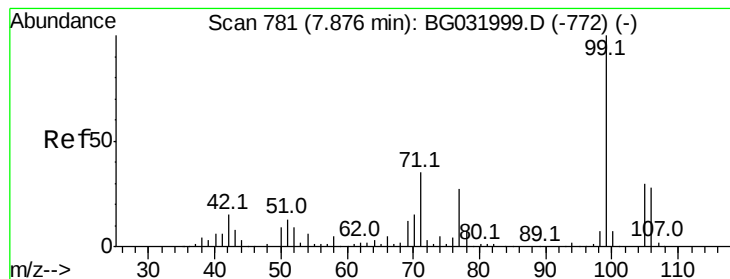
2-Fluorophenol
Concen: 142.934 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.00 min
Lab File: BG032048.D
Acq: 16 Jan 2018 1:06

Tgt Ion:112 Resp: 320508
Ion Ratio Lower Upper
112 100
64 51.6 56.3 84.5#
63 28.0 30.1 45.1#



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





#7

Phenol-d6

Concen: 140.915 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032048.D

Acq: 16 Jan 2018 1:06

Instrument :

BNA_G

ClientSampled :

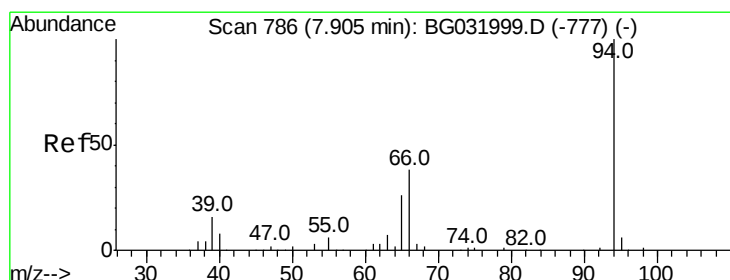
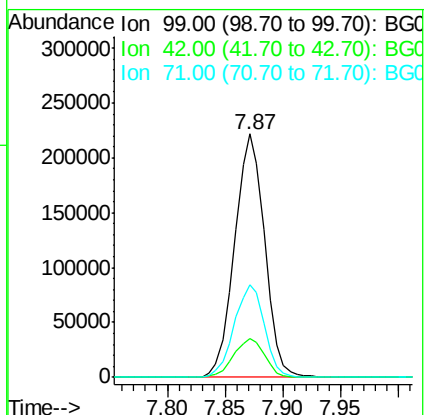
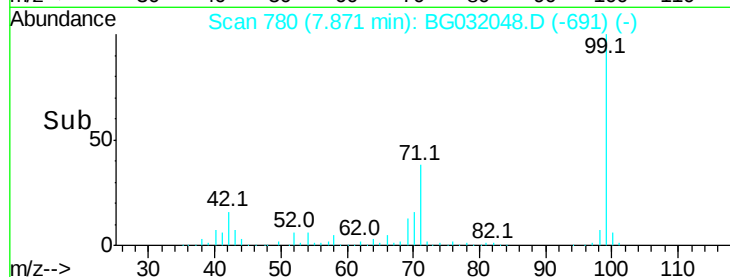
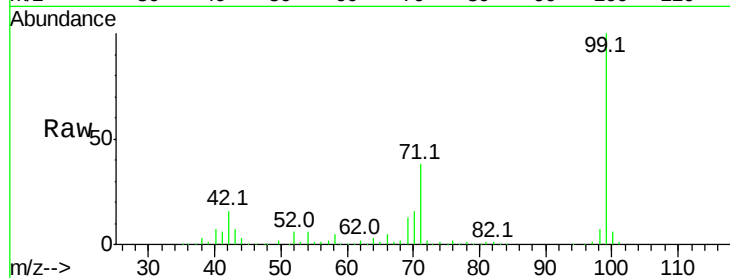
Tot Ion: 99 Resp: 397958

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 38.1 26.1 39.1



#10

Phenol

Concen: 3.195 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG032048.D

Acq: 16 Jan 2018 1:06

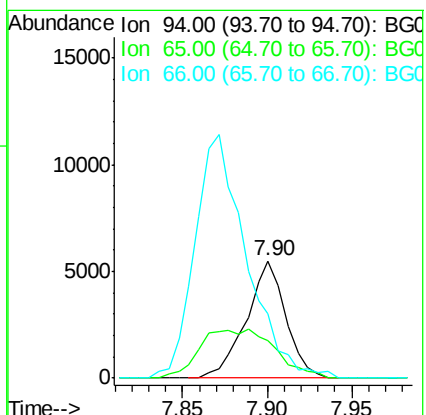
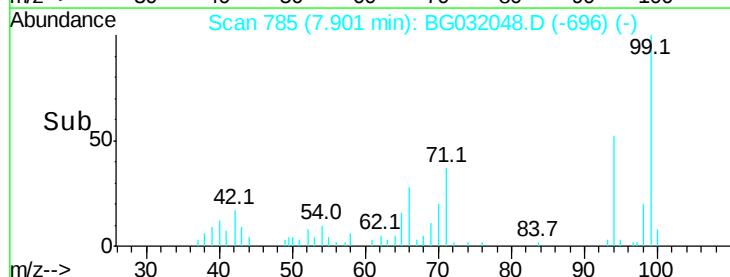
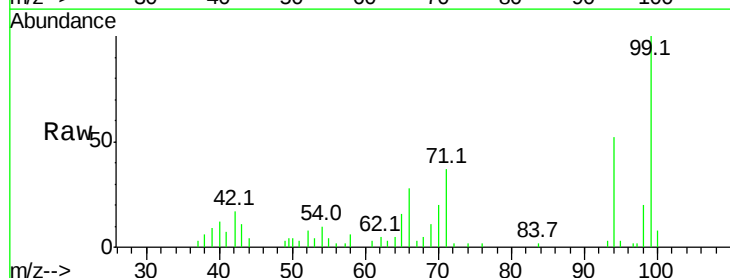
Tgt Ion: 94 Resp: 8889

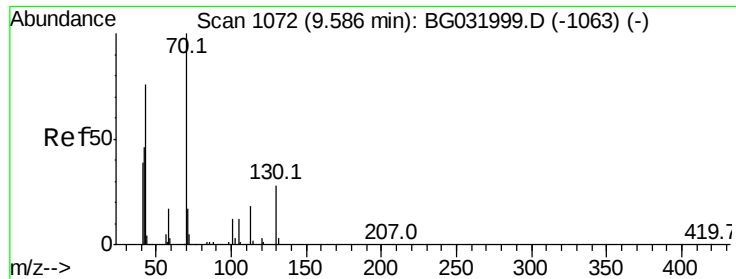
Ion Ratio Lower Upper

94 100

65 31.8 11.9 51.9

66 54.8 22.2 62.2

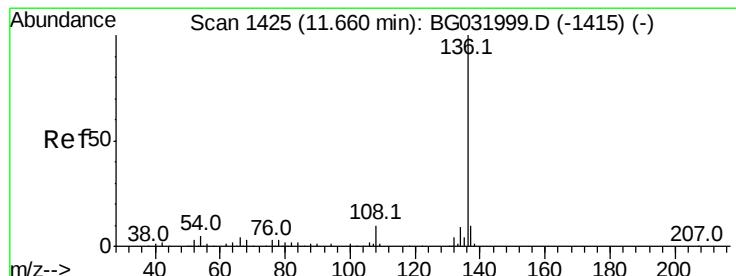
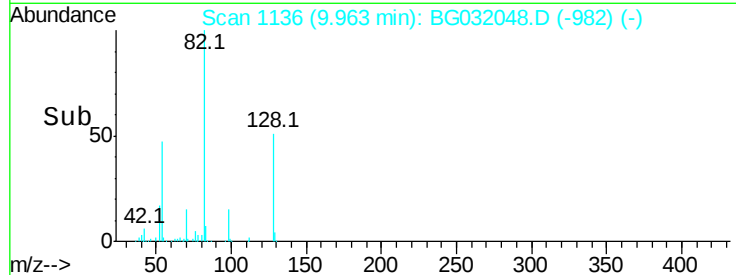
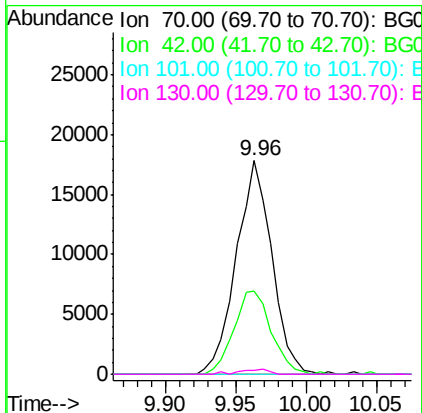
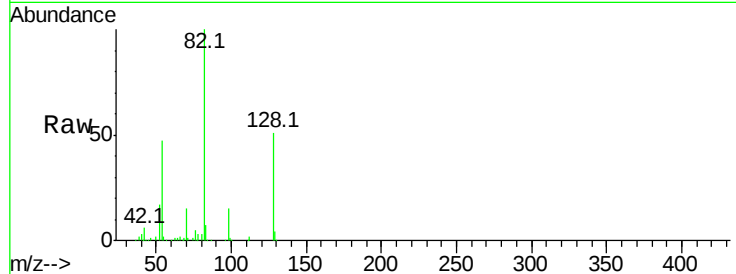




#19
n-Nitroso-di-n-propylamine
Concen: 17.983 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032048.D
Acq: 16 Jan 2018 1:06

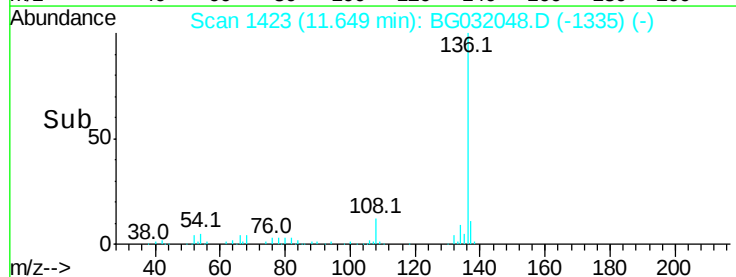
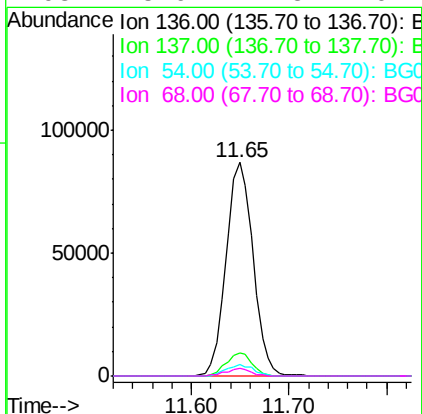
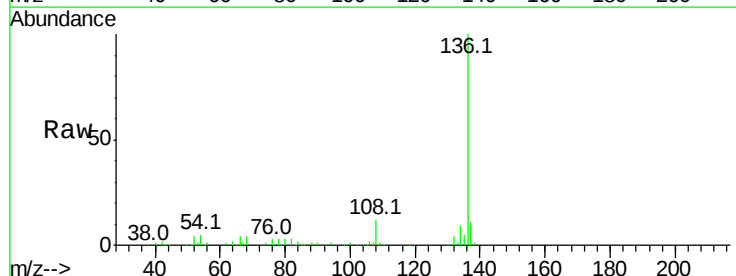
Instrument :
BNA_G
ClientSampleId :

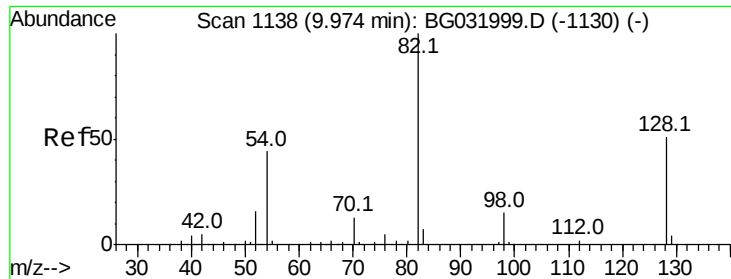
Tot Ion: 70 Resp: 31511
Ion Ratio Lower Upper
70 100
42 39.2 49.1 73.7#
101 0.0 8.5 12.7#
130 1.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032048.D
Acq: 16 Jan 2018 1:06

Tgt Ion: 136 Resp: 166835
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 5.1 10.3 15.5#
68 3.9 4.5 6.7#

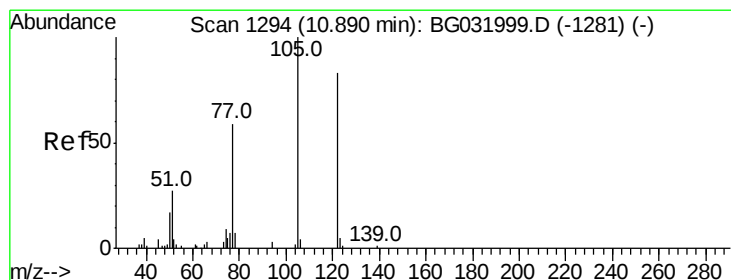
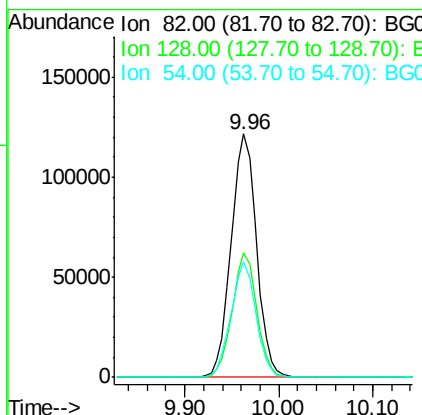
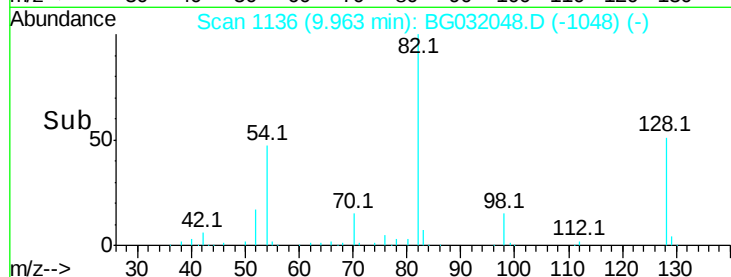
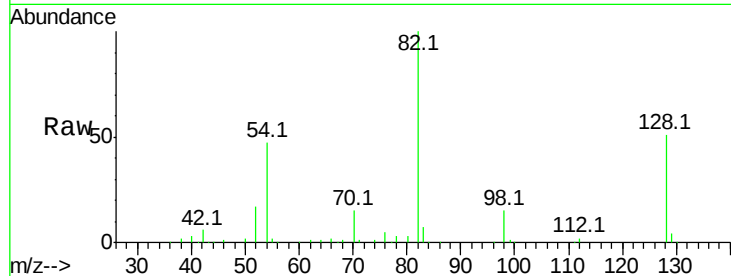




#23
Nitrobenzene-d5
Concen: 92.770 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032048.D
Acq: 16 Jan 2018 1:06

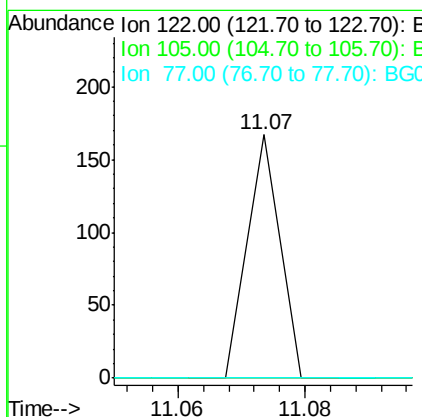
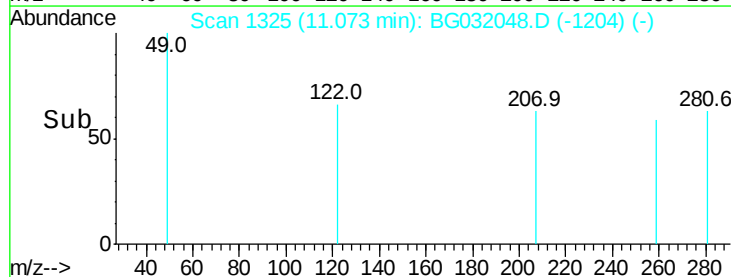
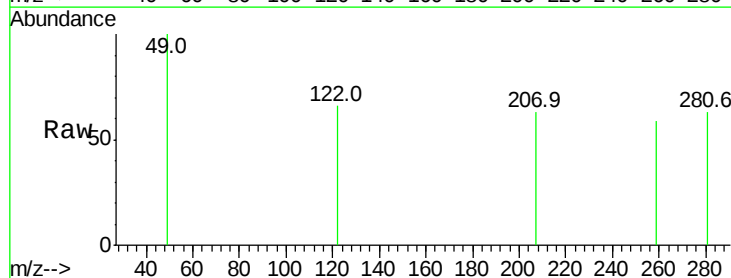
Instrument :
BNA_G
ClientSampleId :

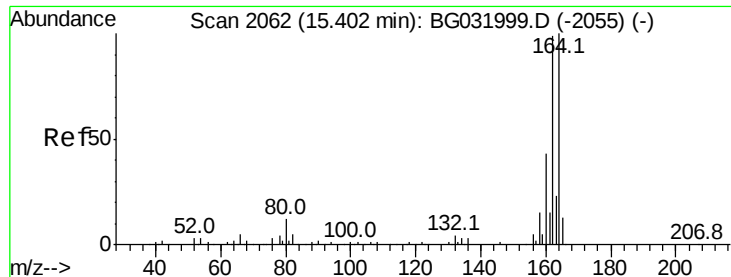
Tot Ion: 82 Resp: 228769
Ion Ratio Lower Upper
82 100
128 51.3 29.7 44.5#
54 47.4 43.1 64.7



#32
Benzoic acid
Concen: 5.284 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.18 min
Lab File: BG032048.D
Acq: 16 Jan 2018 1:06

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BG032048.D

Acq: 16 Jan 2018 1:06

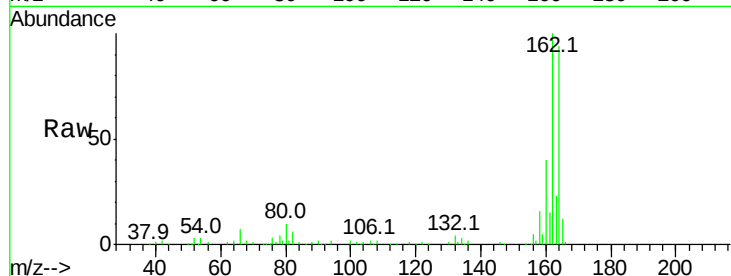
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 120277

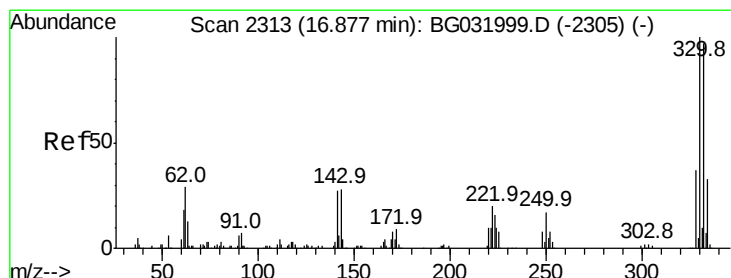
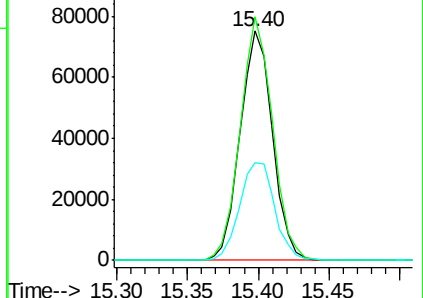
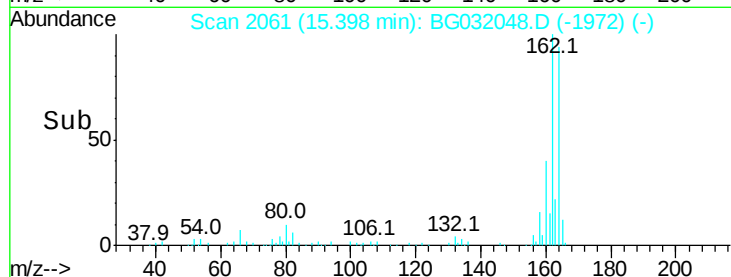
Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.8	118.2
160	42.8	35.4	53.0



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: 140.039 ng

RT: 16.87 min Scan# 2312

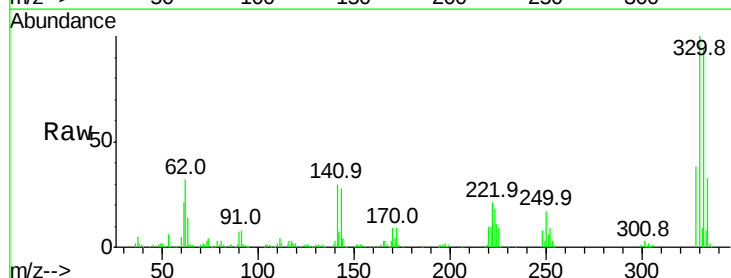
Delta R.T. -0.00 min

Lab File: BG032048.D

Acq: 16 Jan 2018 1:06

Tgt Ion:330 Resp: 278721

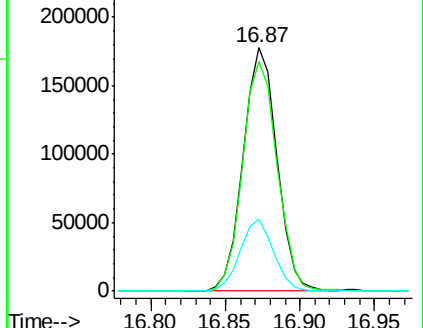
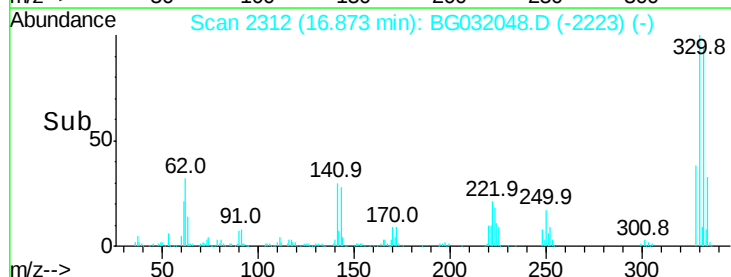
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	29.3	25.2	37.8

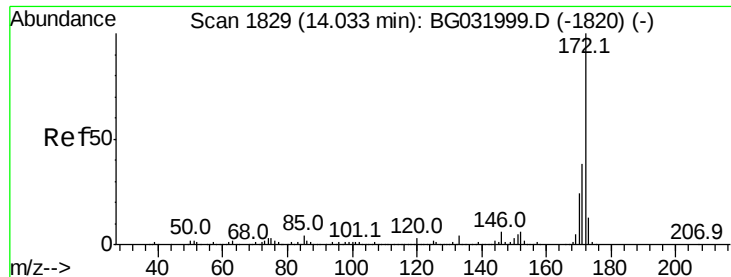


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

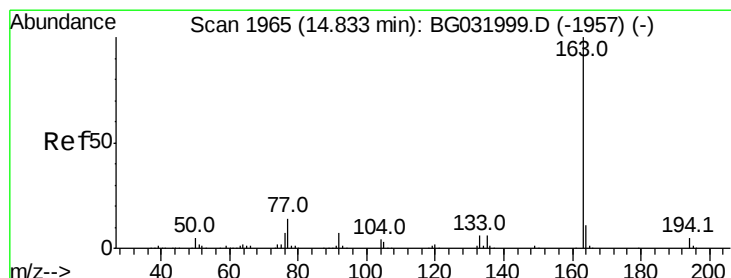
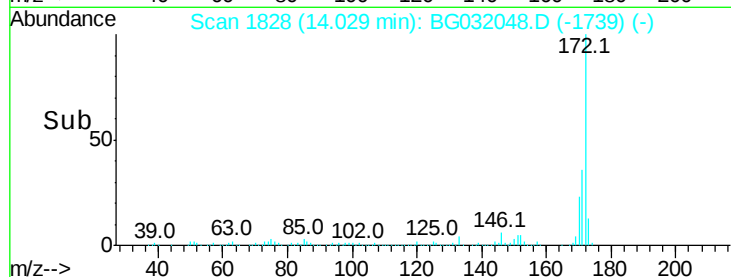
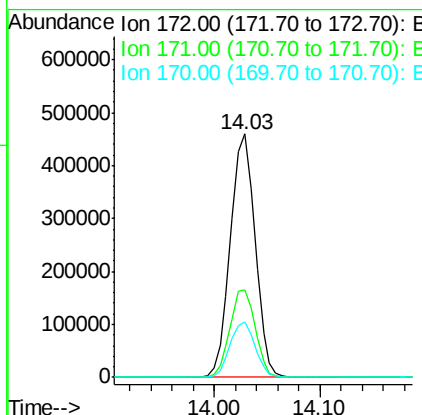
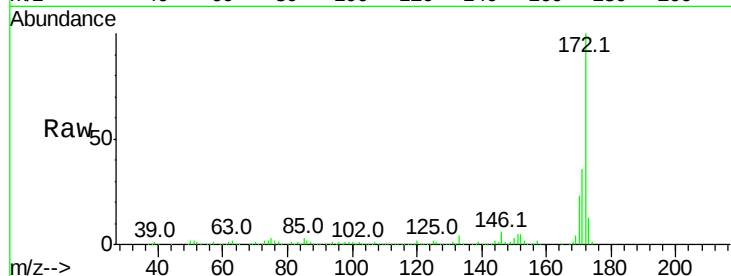




#44
2-Fluorobiphenyl
Concen: 76.748 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG032048.D
Acq: 16 Jan 2018 1:06

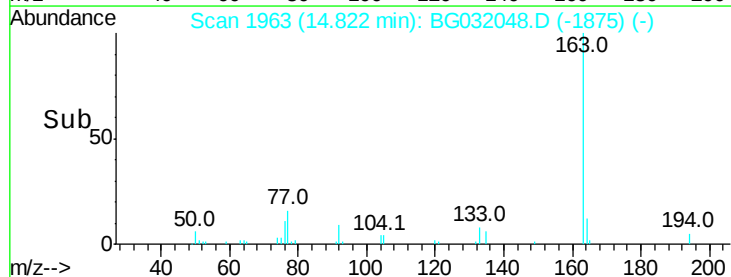
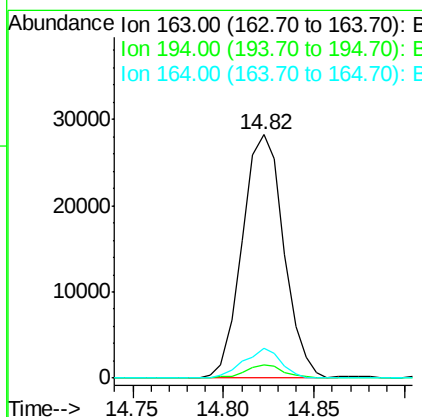
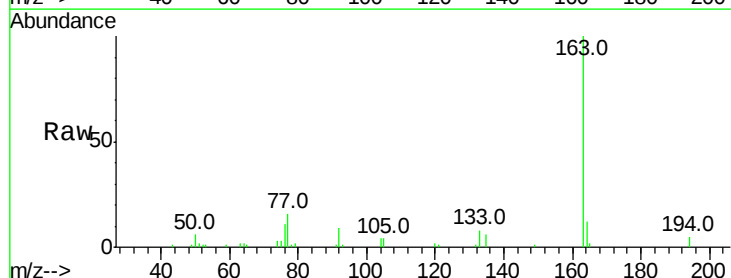
Instrument :
BNA_G
ClientSampleId :

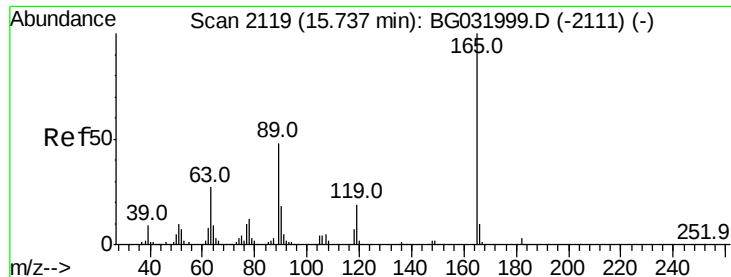
Tot Ion:172 Resp: 744471
Ion Ratio Lower Upper
172 100
171 35.7 30.0 45.0
170 23.0 19.5 29.3



#49
Dimethylphthalate
Concen: 4.277 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG032048.D
Acq: 16 Jan 2018 1:06

Tgt Ion:163 Resp: 45012
Ion Ratio Lower Upper
163 100
194 5.4 3.4 5.2#
164 12.1 8.2 12.4

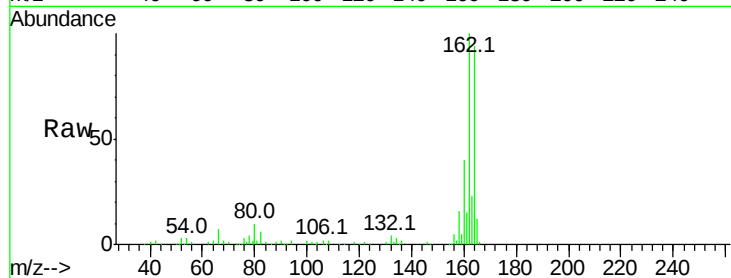




#56
 2,4-Dinitrotoluene
 Concen: 5.079 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.34 min
 Lab File: BG032048.D
 Acq: 16 Jan 2018 1:06

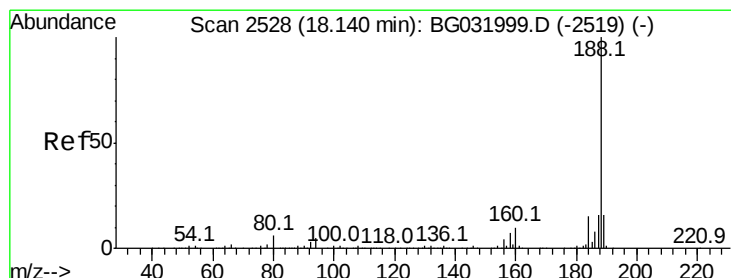
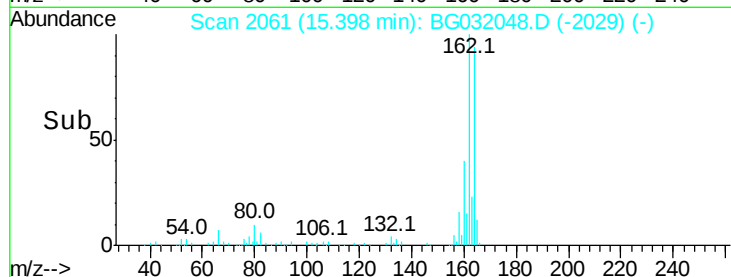
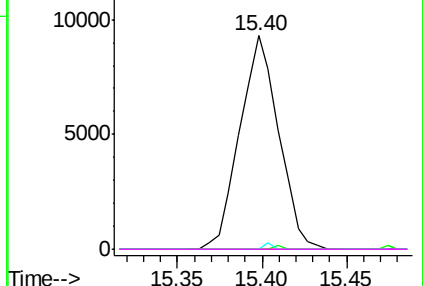
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 14939
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



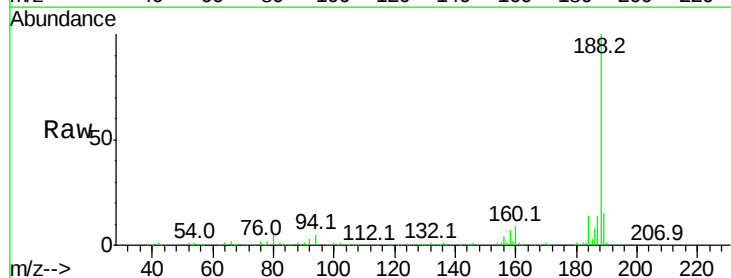
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E



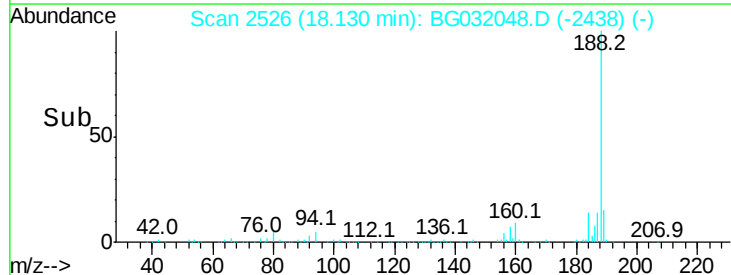
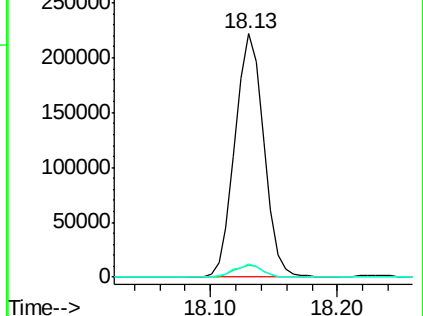
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032048.D
 Acq: 16 Jan 2018 1:06

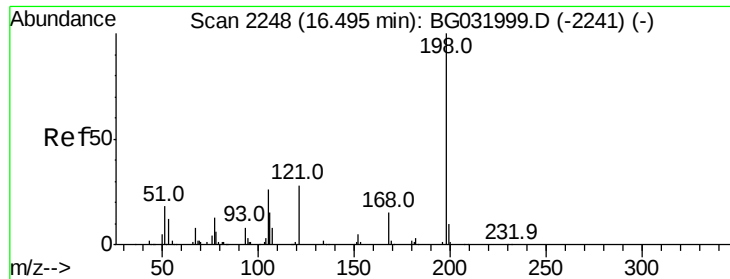
Tgt Ion:188 Resp: 348948
 Ion Ratio Lower Upper
 188 100
 94 4.8 6.9 10.3#
 80 5.2 7.7 11.5#



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

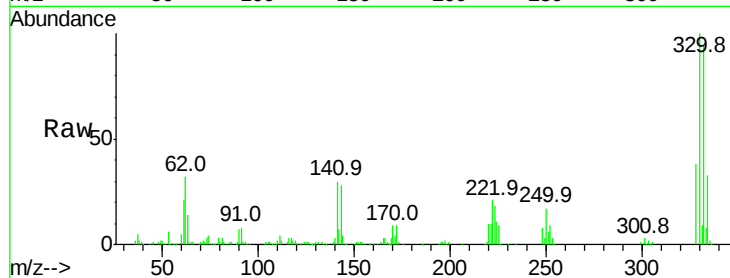




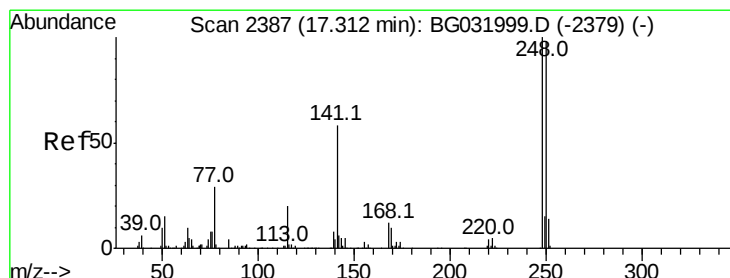
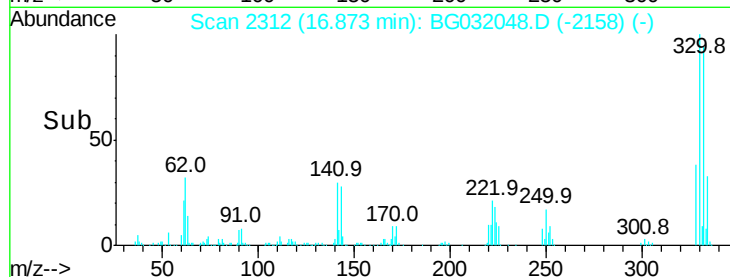
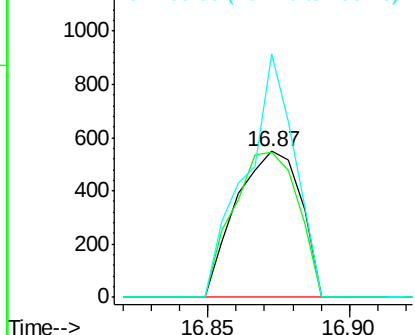
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.235 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. 0.38 min
 Lab File: BG032048.D
 Acq: 16 Jan 2018 1:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 872
 Ion Ratio Lower Upper
 198 100
 51 99.5 30.6 70.6#
 105 166.5 23.8 63.8#

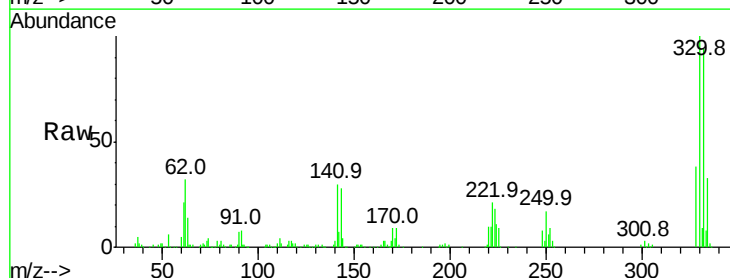


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

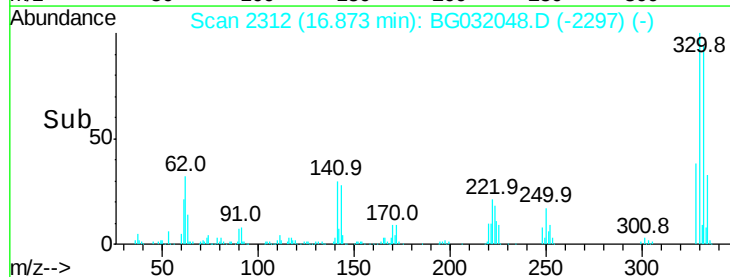
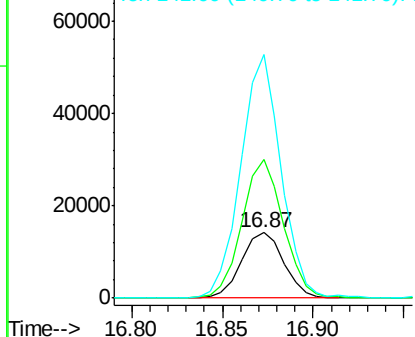


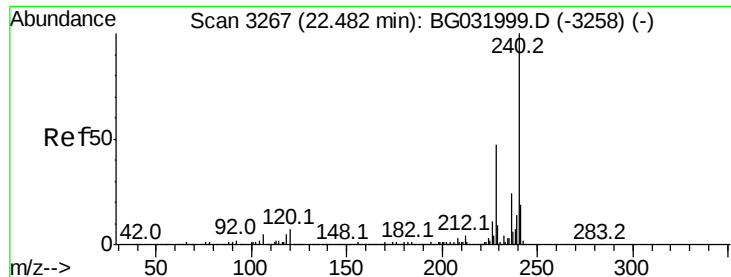
#66
 4-Bromophenyl-phenylether
 Concen: 4.648 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.44 min
 Lab File: BG032048.D
 Acq: 16 Jan 2018 1:06

Tgt Ion:248 Resp: 23078
 Ion Ratio Lower Upper
 248 100
 250 211.2 77.1 115.7#
 141 370.9 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: 22.47 min Scan# 3264

Delta R.T. -0.02 min

Lab File: BG032048.D

Acq: 16 Jan 2018 1:06

Instrument :

BNA_G

ClientSampleId :

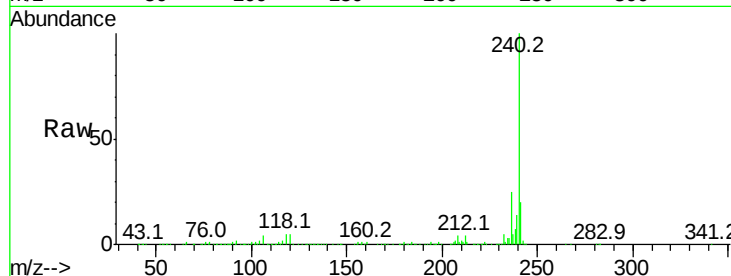
Tot Ion:240 Resp: 434652

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

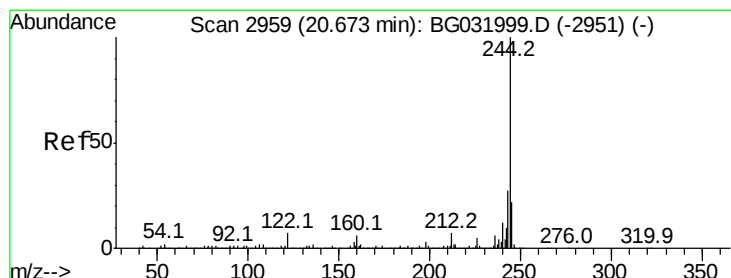
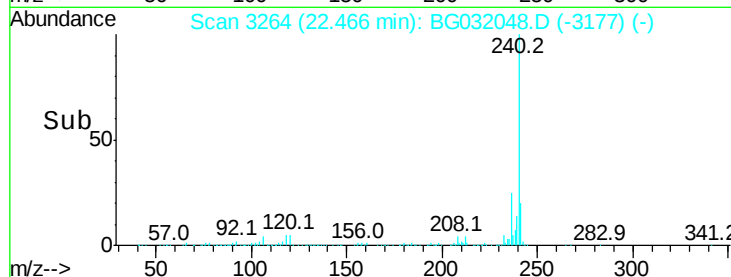
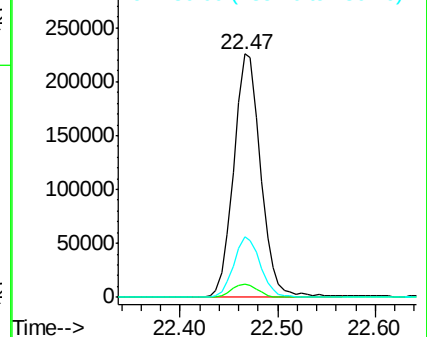
236 24.7 20.9 31.3



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: 76.593 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BG032048.D

Acq: 16 Jan 2018 1:06

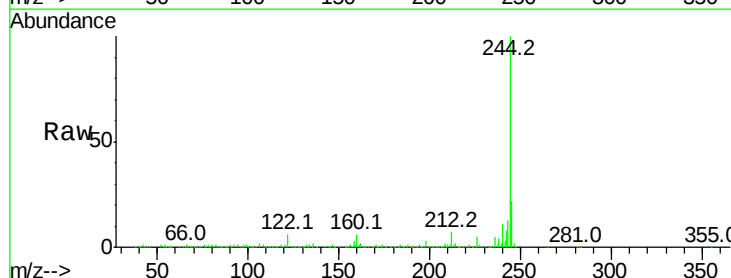
Tgt Ion:244 Resp: 1507725

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

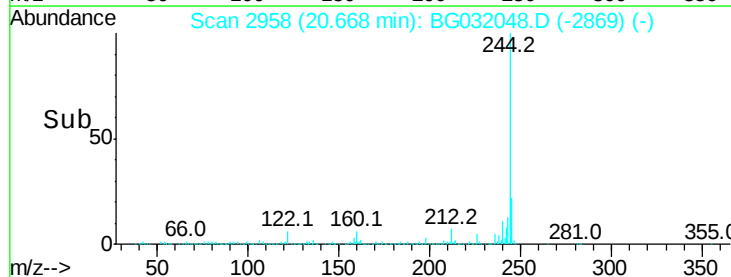
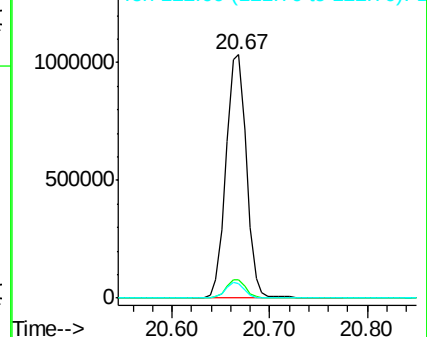
122 5.9 7.0 10.4#

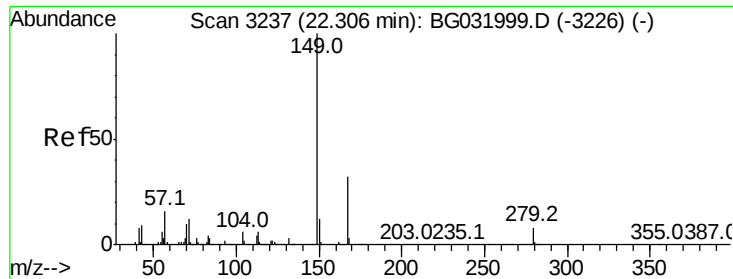


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

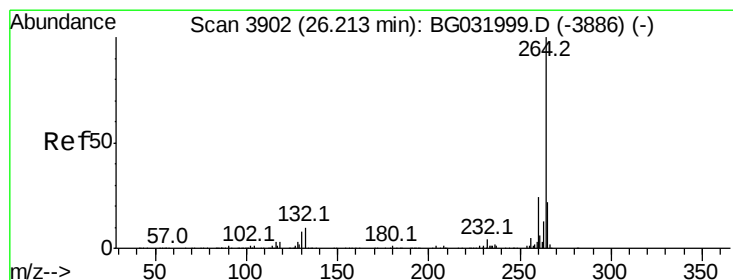
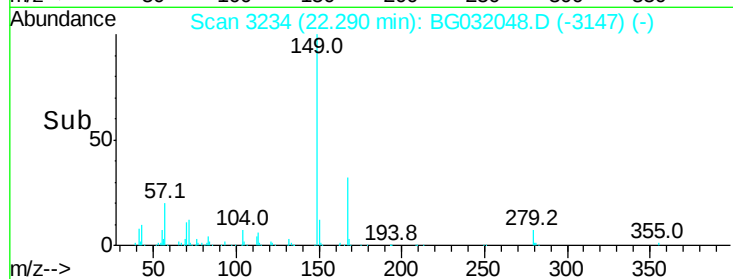
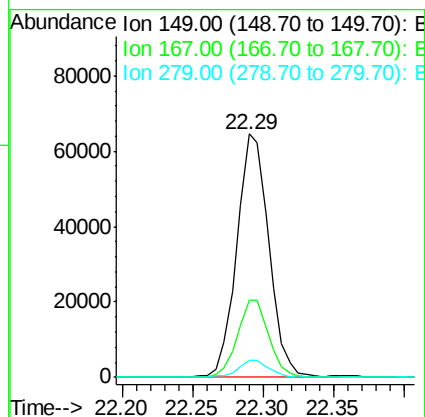
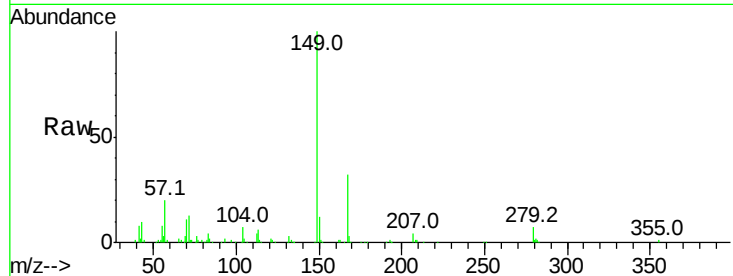




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.144 ng
 RT: 22.29 min Scan# 3234
 Delta R.T. -0.02 min
 Lab File: BG032048.D
 Acq: 16 Jan 2018 1:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 102565
 Ion Ratio Lower Upper
 149 100
 167 31.8 24.3 36.5
 279 6.9 4.0 6.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.19 min Scan# 3897
 Delta R.T. -0.03 min
 Lab File: BG032048.D
 Acq: 16 Jan 2018 1:06

Tgt Ion:264 Resp: 443740
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 23.6 17.7 26.5

