

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032047.D
 Acq On : 16 Jan 2018 00:29
 Operator : SJ/JU
 Sample : J1117-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 03:09:17 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

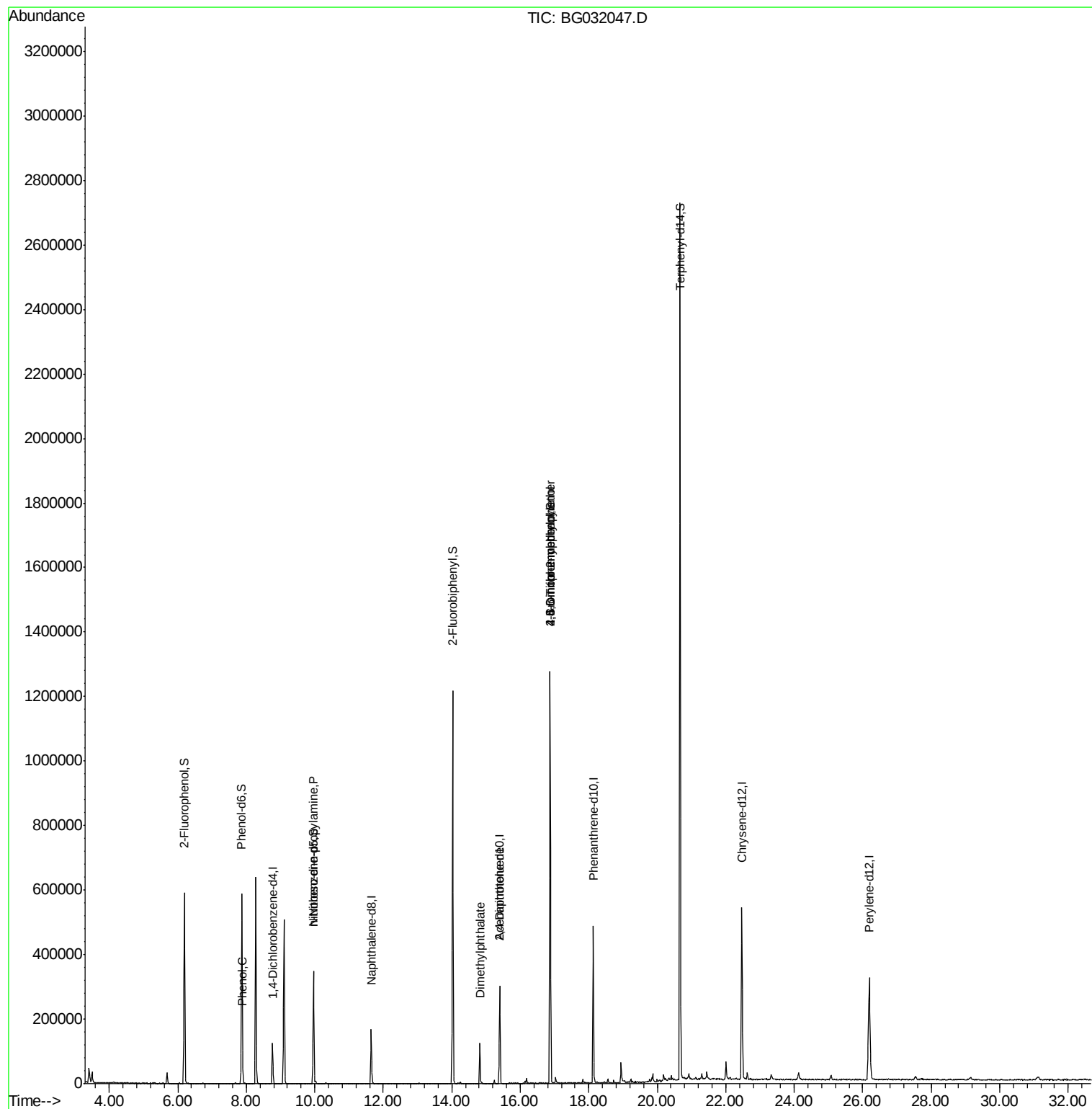
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	42553	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	168746	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	115483	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	337776	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	418100	20.00	ng	-0.02
86) Perylene-d12	26.19	264	439970	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	313884	134.91	ng	0.00
7) Phenol-d6	7.87	99	389973	133.08	ng	0.00
23) Nitrobenzene-d5	9.96	82	226567	90.84	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	290051	151.78	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	755073	81.07	ng	0.00
78) Terphenyl-d14	20.67	244	1546660	81.68	ng	0.00
Target Compounds						
10) Phenol	7.90	94	7340	2.543	ng	83
19) n-Nitroso-di-n-propylamine	9.96	70	31725	17.449	ng	# 71
49) Dimethylphthalate	14.82	163	93320	9.234	ng	99
56) 2,4-Dinitrotoluene	15.40	165	15402	5.454	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.87	198	800	5.217	ng	# 61
66) 4-Bromophenyl-phenylether	16.87	248	23720	4.936	ng	# 1

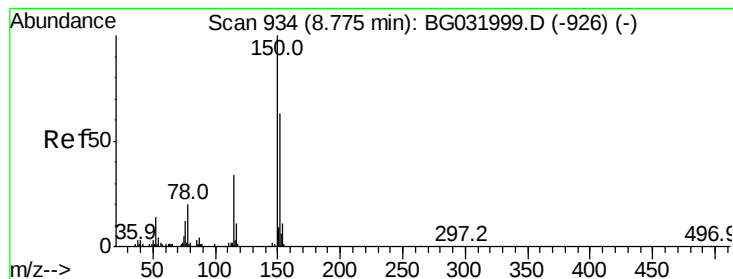
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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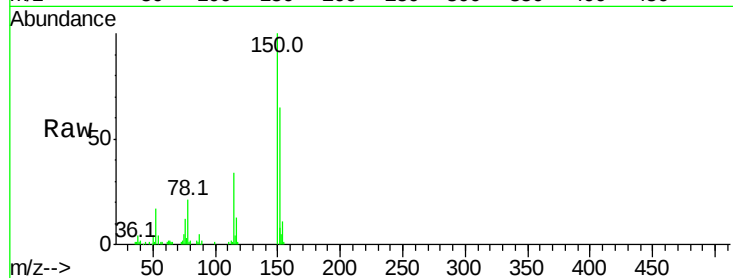


#1

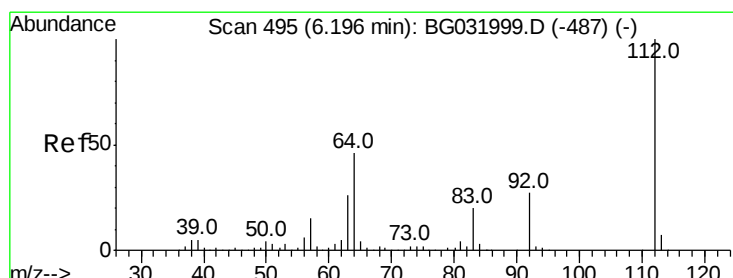
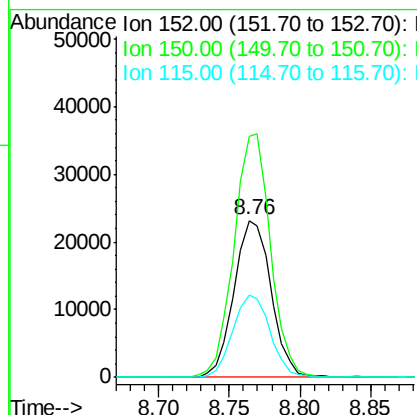
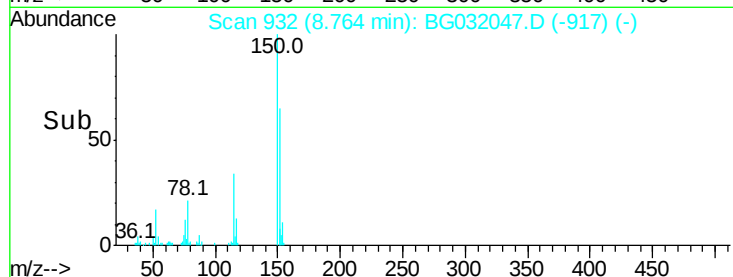
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032047.D
Acq: 16 Jan 2018 00:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42553
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 52.2 53.0 79.4#



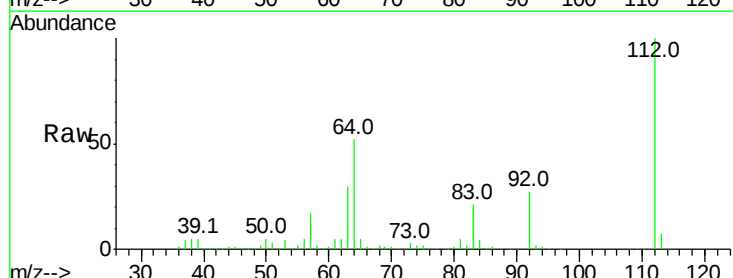
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



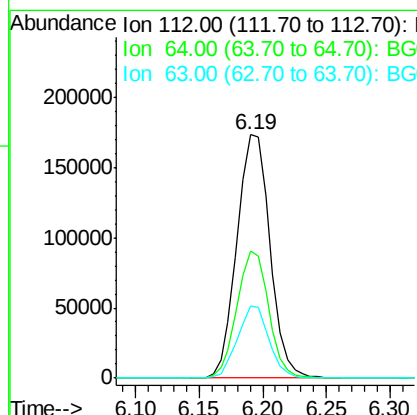
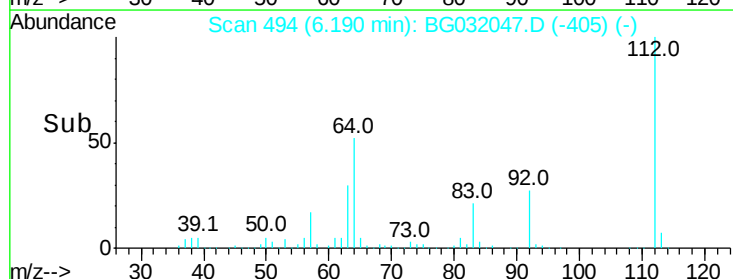
#5

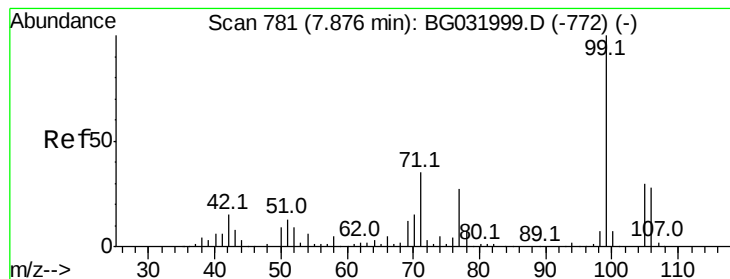
2-Fluorophenol
Concen: 134.908 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG032047.D
Acq: 16 Jan 2018 00:29

Tgt Ion:112 Resp: 313884
Ion Ratio Lower Upper
112 100
64 52.2 56.3 84.5#
63 29.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 133.084 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032047.D

Acq: 16 Jan 2018 00:29

Instrument :

BNA_G

ClientSampled :

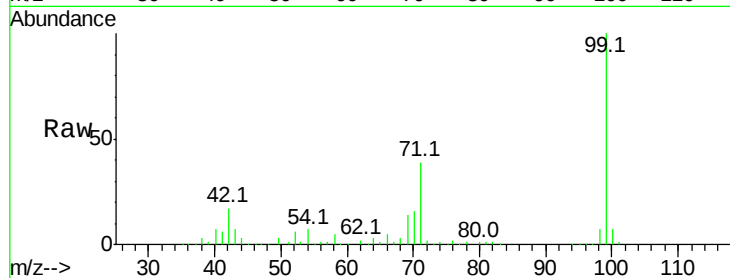
Tot Ion: 99 Resp: 389973

Ion Ratio Lower Upper

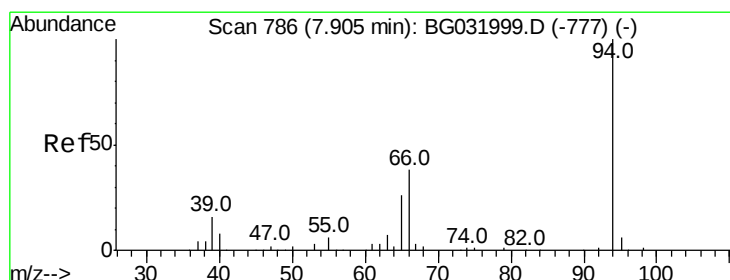
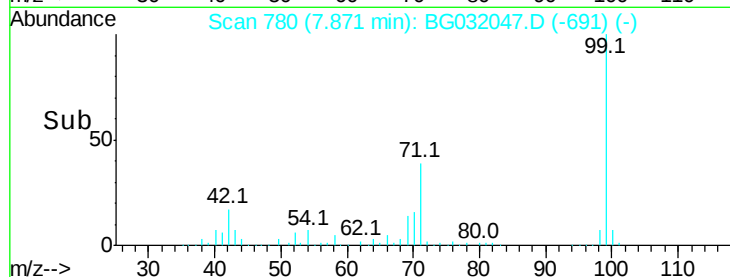
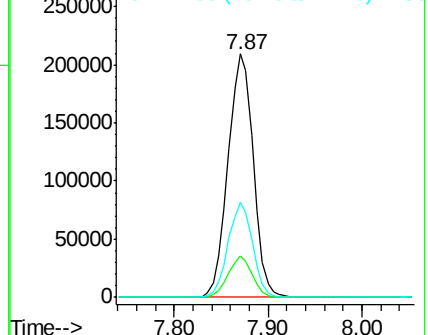
99 100

42 17.1 14.1 21.1

71 39.0 26.1 39.1



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: 2.543 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG032047.D

Acq: 16 Jan 2018 00:29

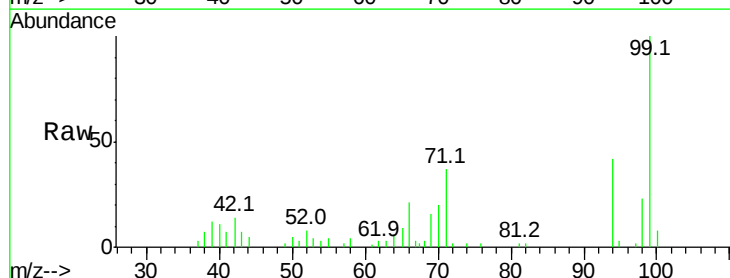
Tgt Ion: 94 Resp: 7340

Ion Ratio Lower Upper

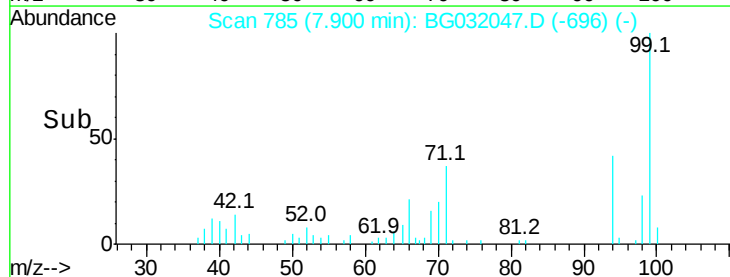
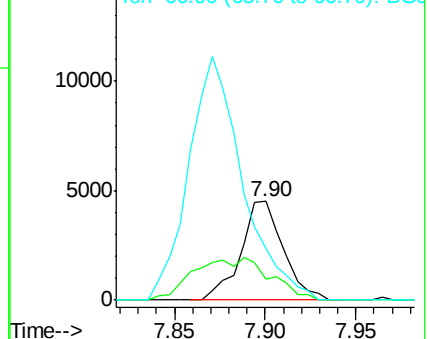
94 100

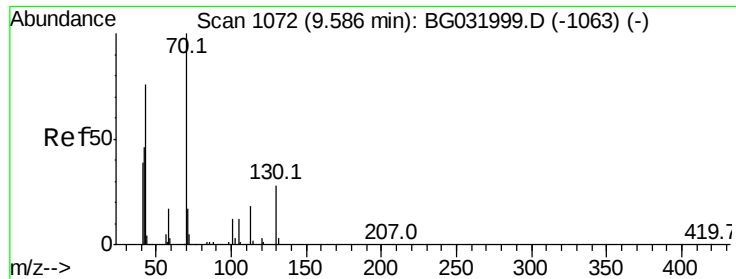
65 21.1 11.9 51.9

66 51.7 22.2 62.2



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

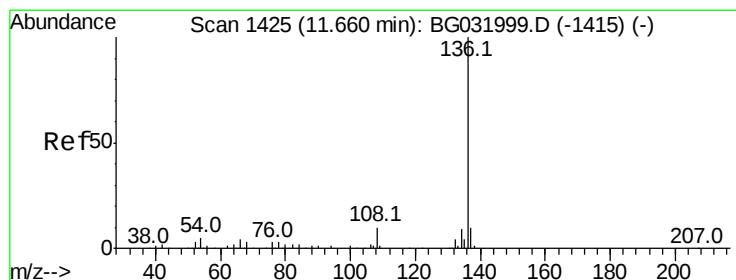
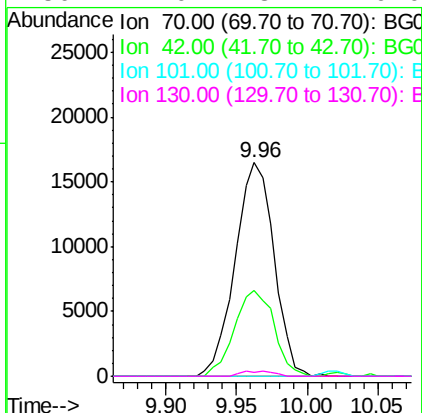
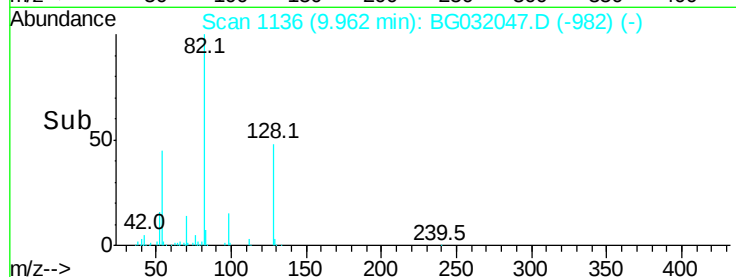
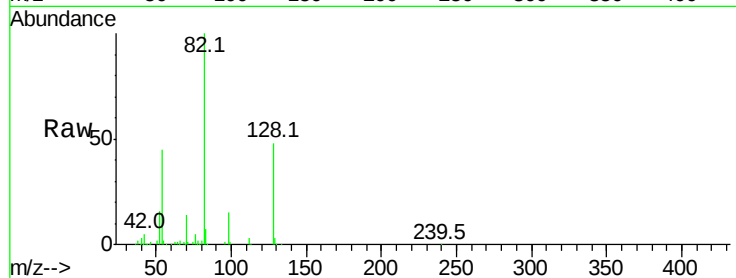




#19
n-Nitroso-di-n-propylamine
Concen: 17.449 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032047.D
Acq: 16 Jan 2018 00:29

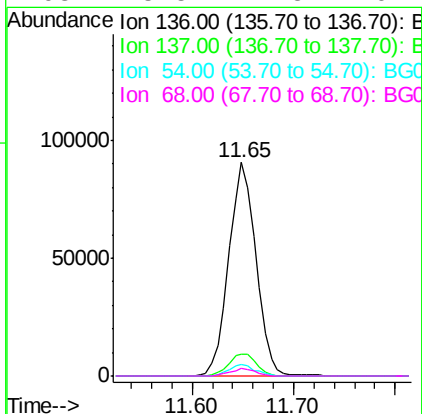
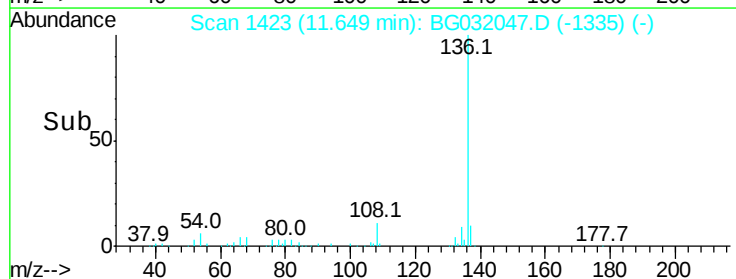
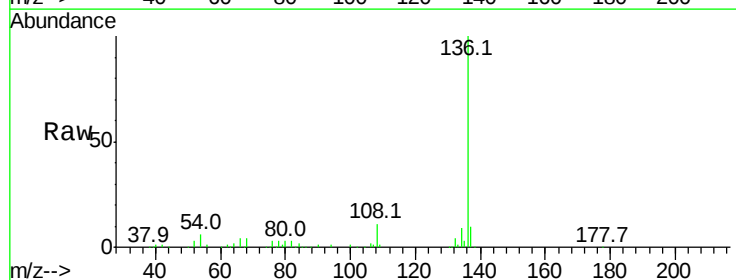
Instrument :
BNA_G
ClientSampleId :

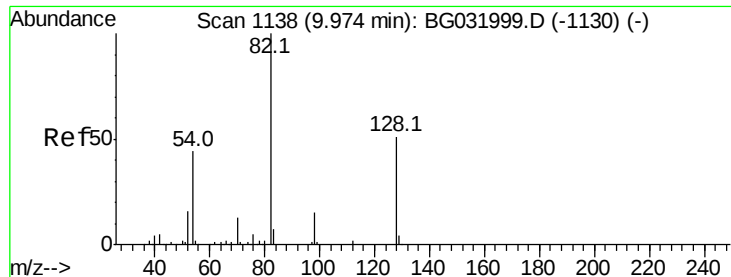
Tot Ion: 70 Resp: 31725
Ion Ratio Lower Upper
70 100
42 40.3 49.1 73.7#
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032047.D
Acq: 16 Jan 2018 00:29

Tgt Ion: 136 Resp: 168746
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 5.7 10.3 15.5#
68 3.5 4.5 6.7#

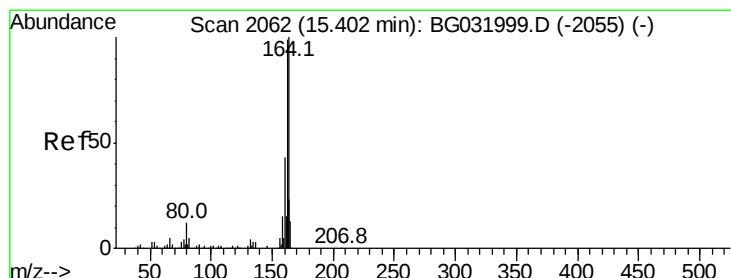
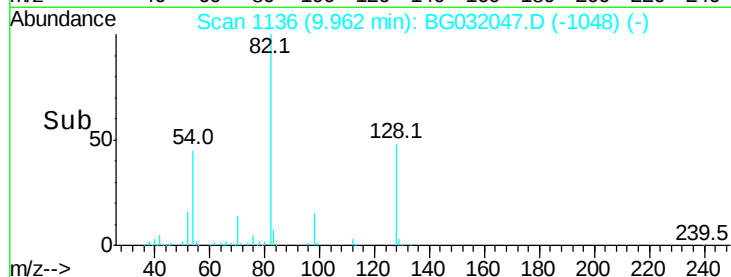
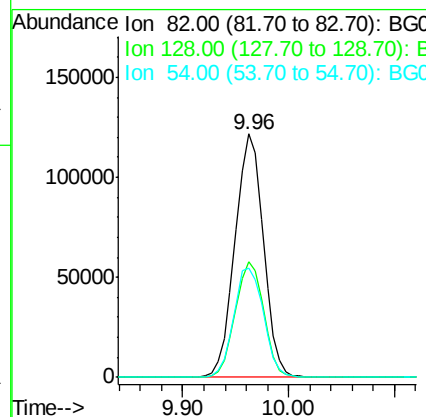
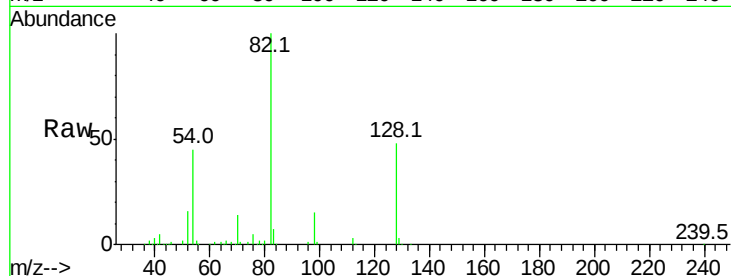




#23
Nitrobenzene-d5
Concen: 90.836 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032047.D
Acq: 16 Jan 2018 00:29

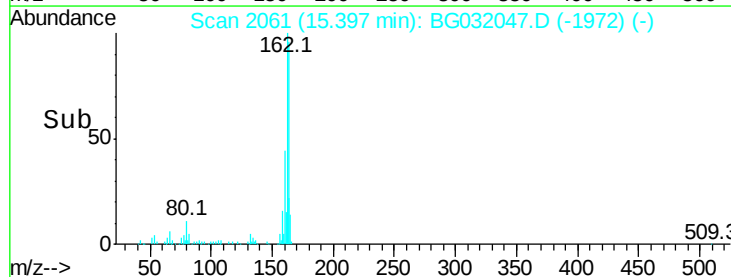
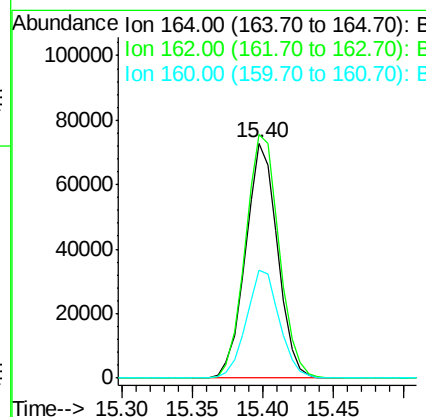
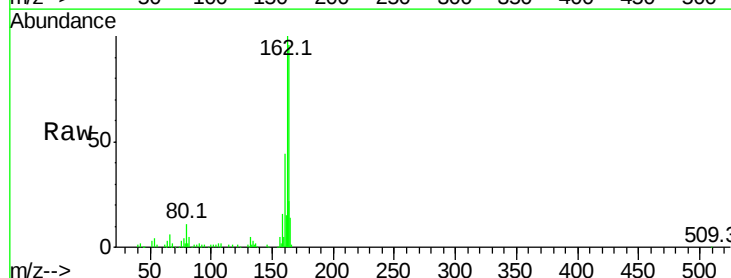
Instrument :
BNA_G
ClientSampleId :

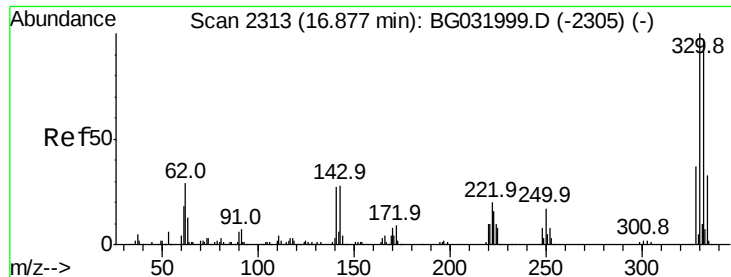
Tot Ion: 82 Resp: 226567
Ion Ratio Lower Upper
82 100
128 47.7 29.7 44.5#
54 44.8 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG032047.D
Acq: 16 Jan 2018 00:29

Tgt Ion:164 Resp: 115483
Ion Ratio Lower Upper
164 100
162 103.7 78.8 118.2
160 45.9 35.4 53.0

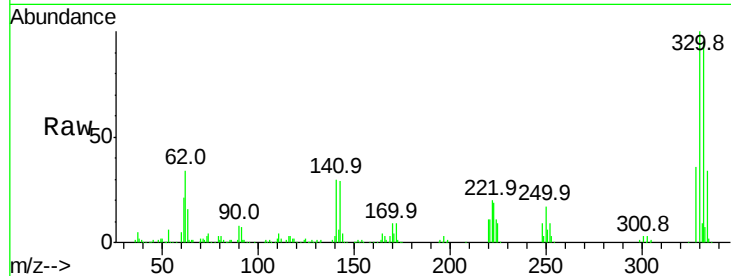




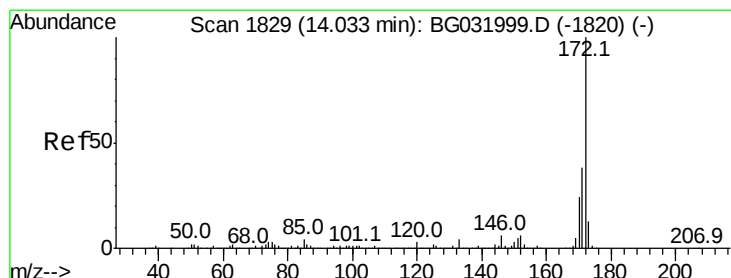
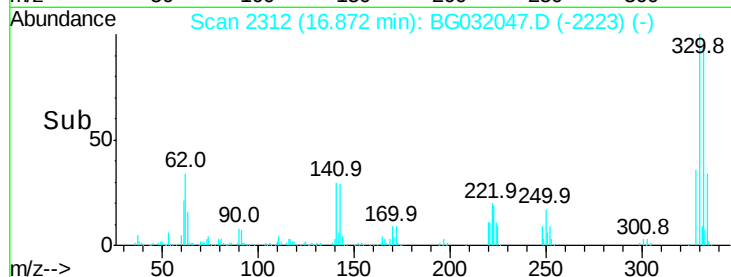
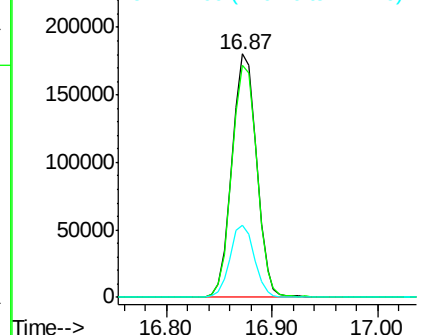
#41
 2,4,6-Tribromophenol
 Concen: 151.782 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG032047.D
 Acq: 16 Jan 2018 00:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	29.5	25.2	37.8

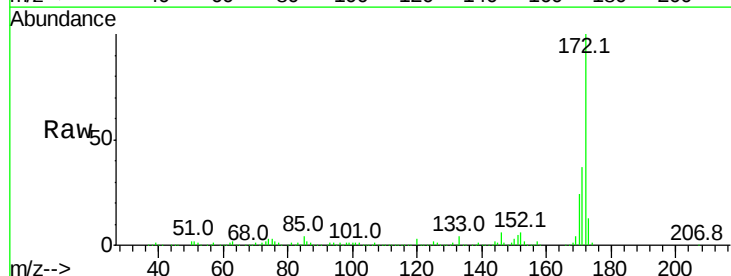


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

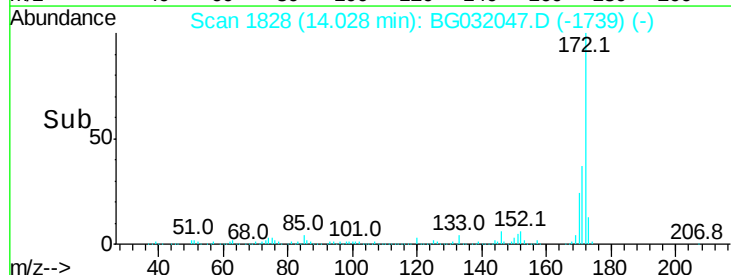
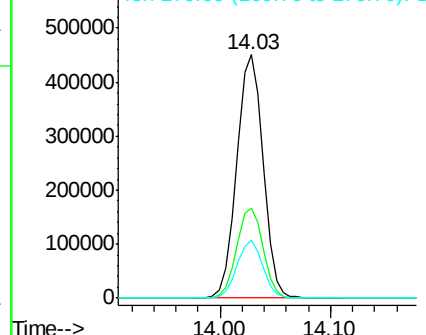


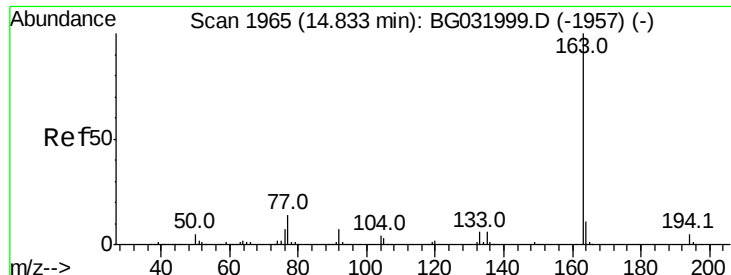
#44
 2-Fluorobiphenyl
 Concen: 81.073 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032047.D
 Acq: 16 Jan 2018 00:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.6	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: 9.234 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG032047.D

Acq: 16 Jan 2018 00:29

Instrument :

BNA_G

ClientSampleId :

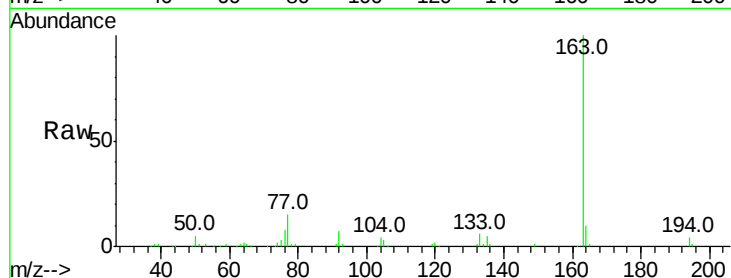
Tot Ion:163 Resp: 93320

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

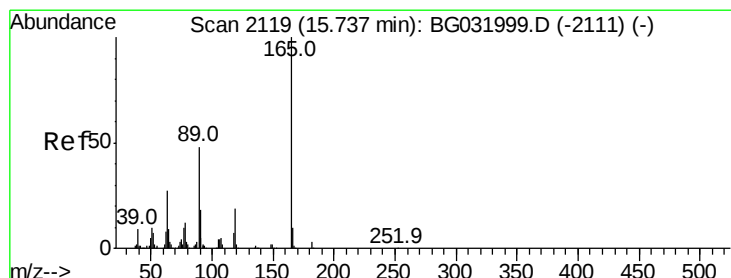
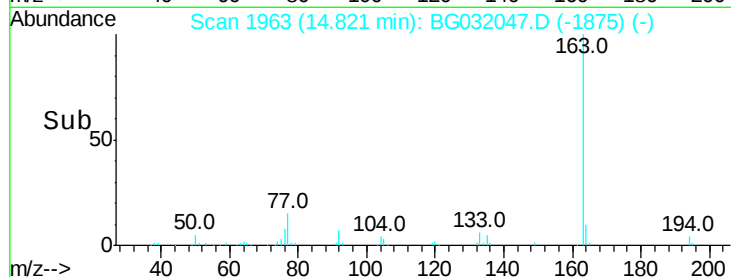
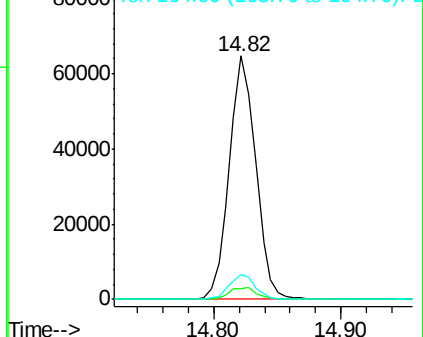
164 9.9 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 5.454 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.34 min

Lab File: BG032047.D

Acq: 16 Jan 2018 00:29

Tgt Ion:165 Resp: 15402

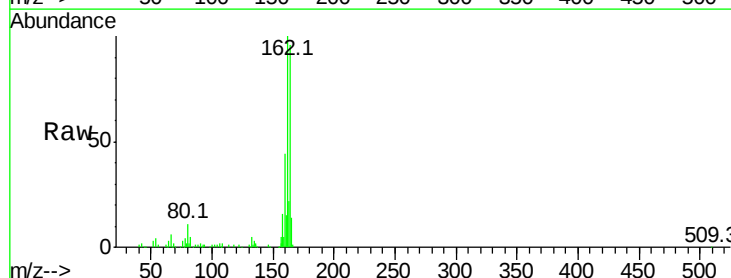
Ion Ratio Lower Upper

165 100

63 3.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

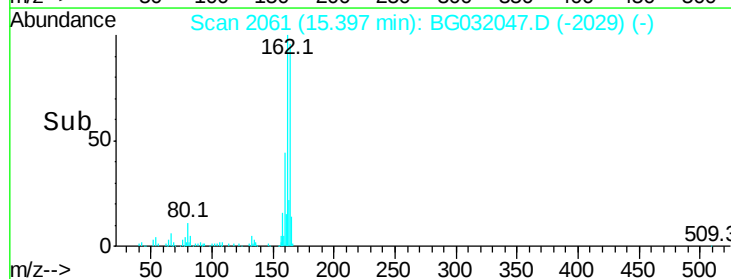
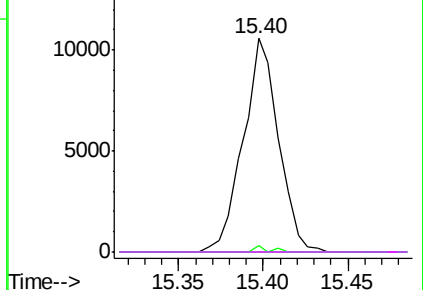


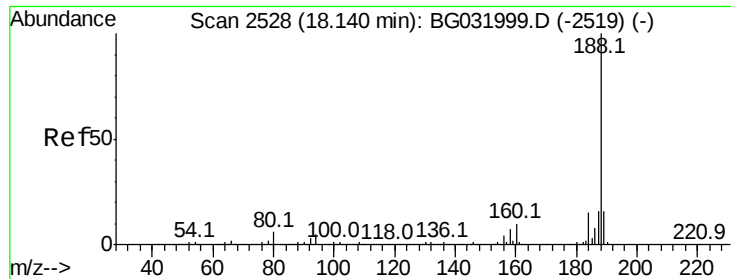
Abundance Ion 165.00 (164.70 to 165.70): E

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

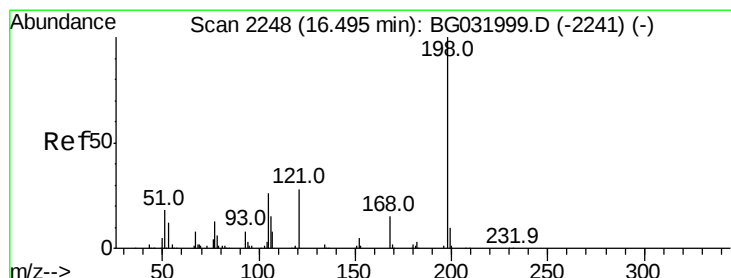
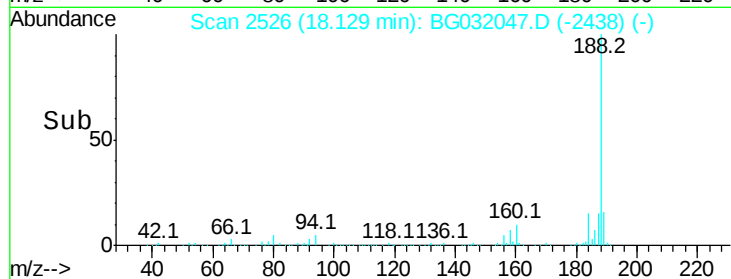
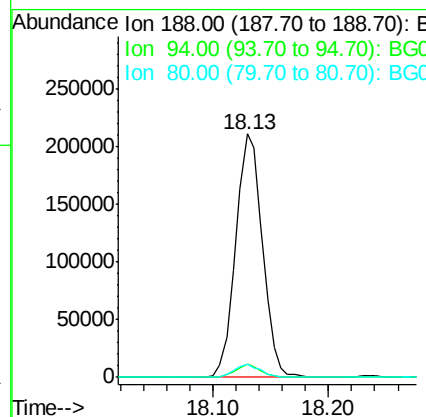
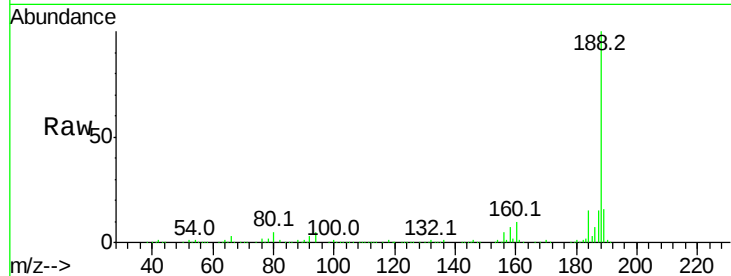




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032047.D
Acq: 16 Jan 2018 00:29

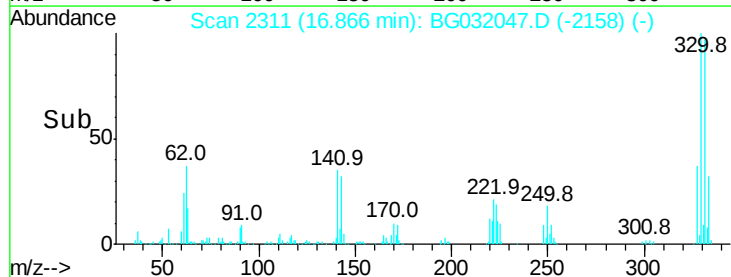
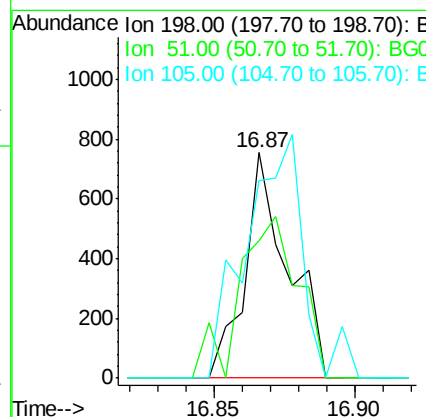
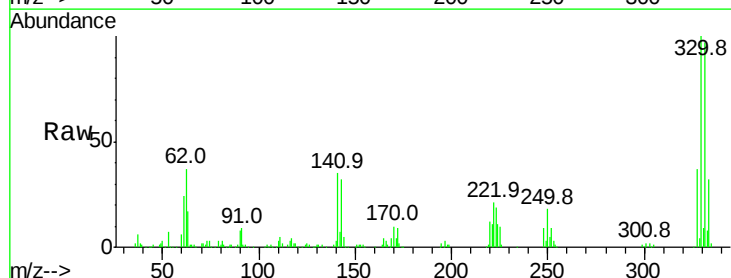
Instrument :
BNA_G
ClientSampleId :

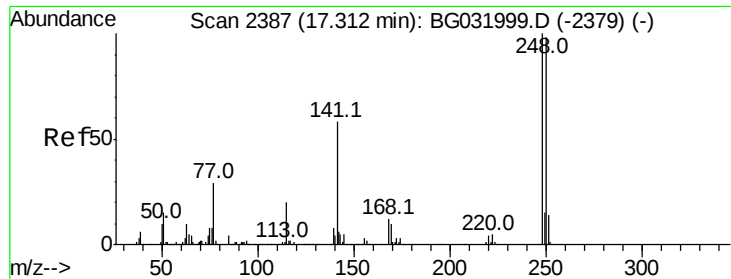
Tot Ion:188 Resp: 337776
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 5.3 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.217 ng
RT: 16.87 min Scan# 2311
Delta R.T. 0.37 min
Lab File: BG032047.D
Acq: 16 Jan 2018 00:29

Tgt Ion:198 Resp: 800
Ion Ratio Lower Upper
198 100
51 60.8 30.6 70.6
105 87.5 23.8 63.8#

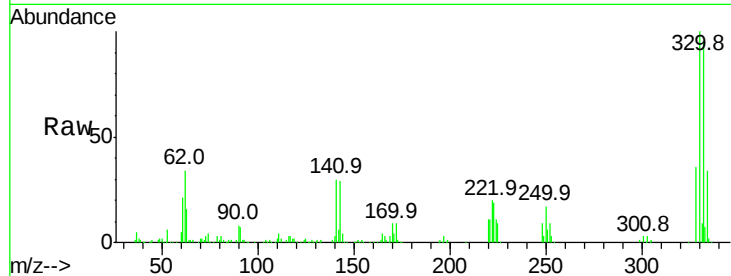




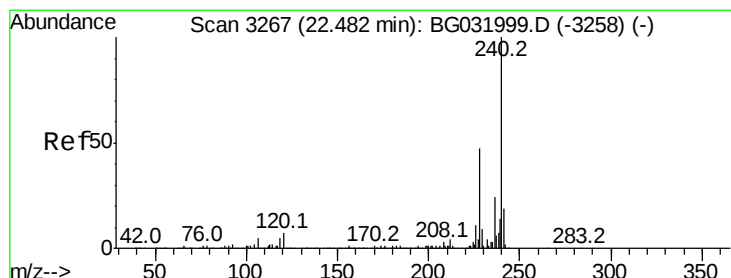
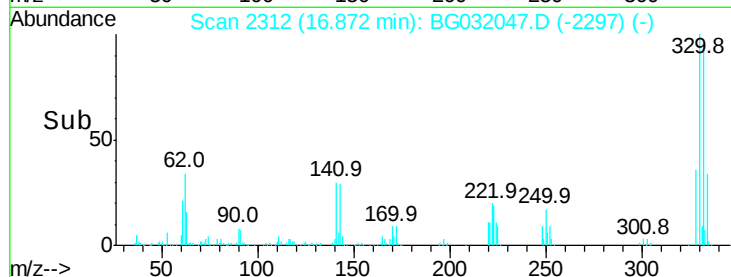
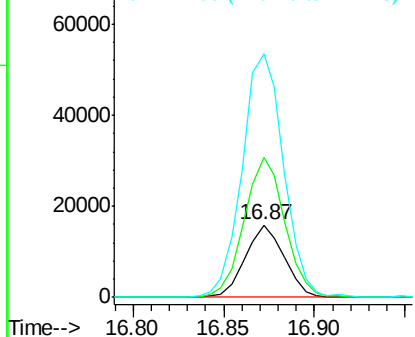
#66
 4-Bromophenyl-phenylether
 Concen: 4.936 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.44 min
 Lab File: BG032047.D
 Acq: 16 Jan 2018 00:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 23720
 Ion Ratio Lower Upper
 248 100
 250 193.2 77.1 115.7#
 141 335.8 50.8 76.2#

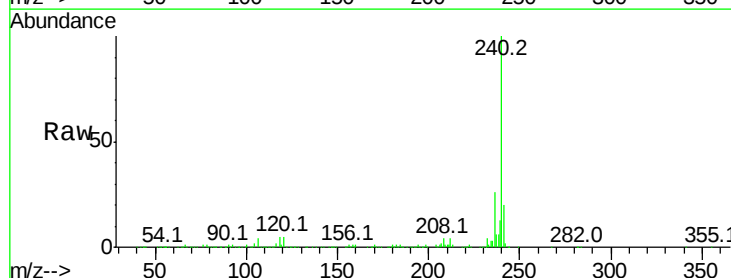


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

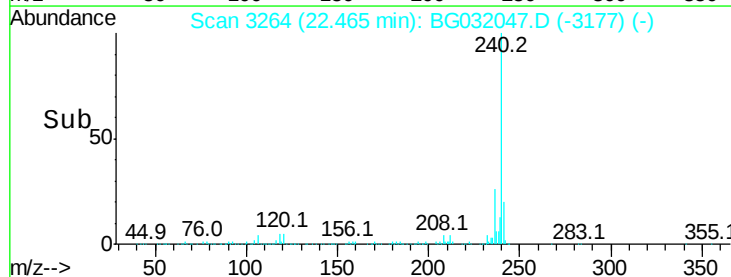
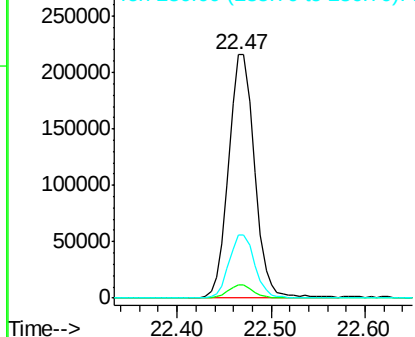


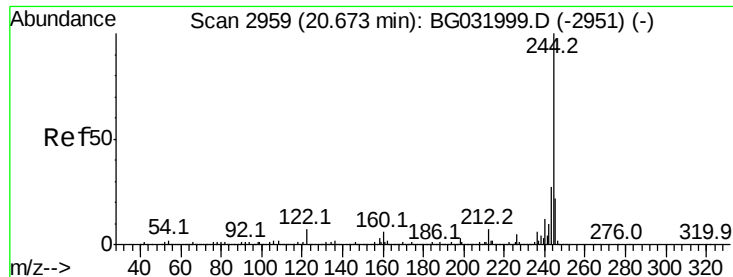
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.47 min Scan# 3264
 Delta R.T. -0.02 min
 Lab File: BG032047.D
 Acq: 16 Jan 2018 00:29

Tgt Ion:240 Resp: 418100
 Ion Ratio Lower Upper
 240 100
 120 5.4 6.8 10.2#
 236 26.1 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: 81.681 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BG032047.D

Acq: 16 Jan 2018 00:29

Instrument :

BNA_G

ClientSampled :

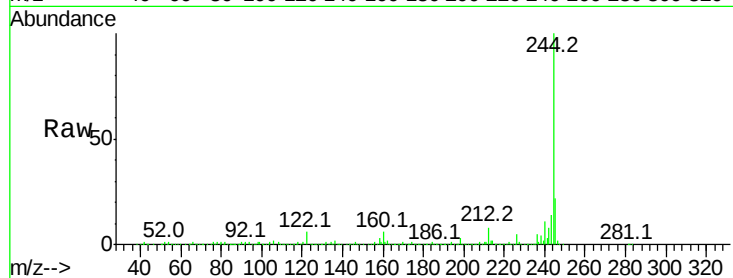
Tot Ion:244 Resp: 1546660

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

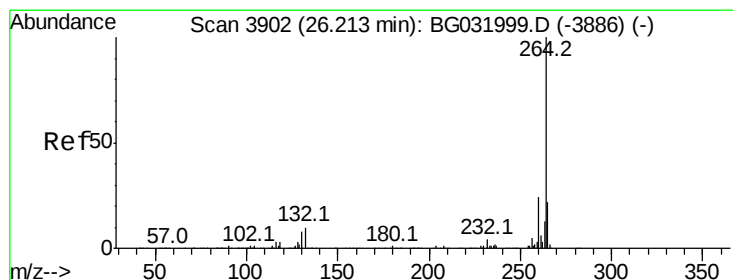
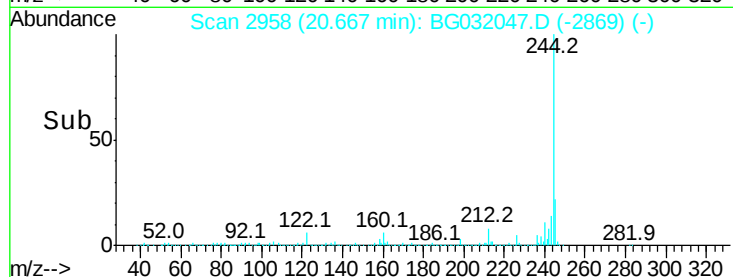
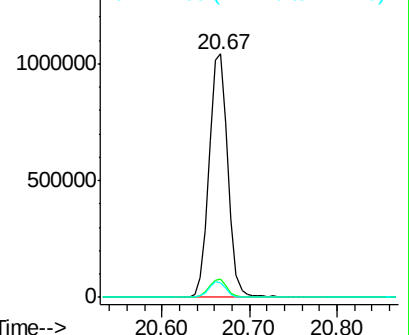
122 6.0 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.19 min Scan# 3898

Delta R.T. -0.02 min

Lab File: BG032047.D

Acq: 16 Jan 2018 00:29

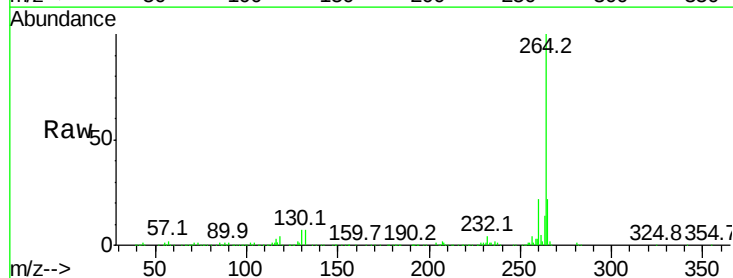
Tgt Ion:264 Resp: 439970

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 22.3 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

