

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032037.D
 Acq On : 15 Jan 2018 18:14
 Operator : SJ/JU
 Sample : PB105614BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 01:29:57 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

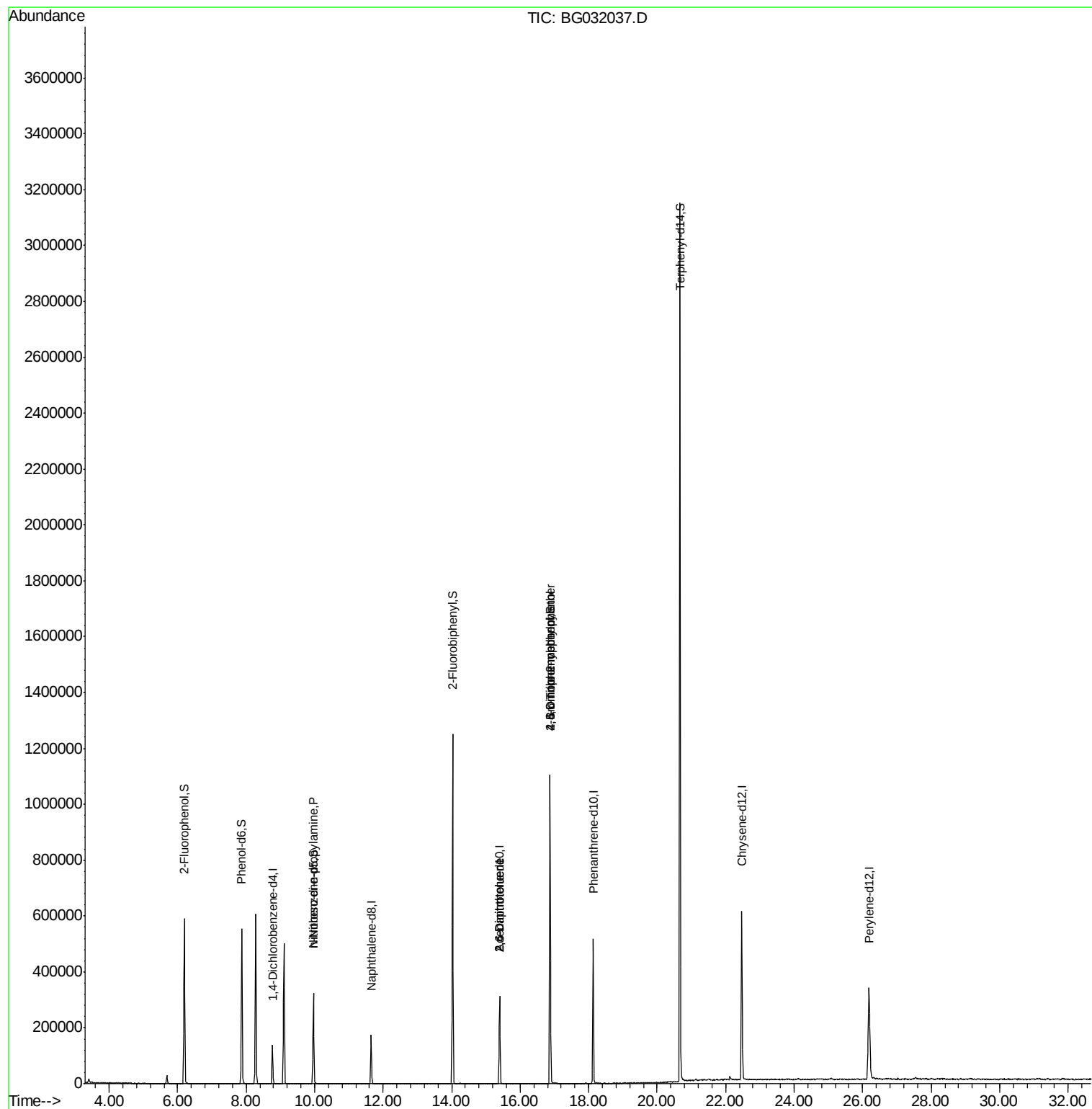
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	45070	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	176897	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	121154	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	349756	20.00	ng	0.00
75) Chrysene-d12	22.47	240	453210	20.00	ng	-0.01
86) Perylene-d12	26.19	264	462687	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	300269	121.85	ng	0.00
7) Phenol-d6	7.87	99	365546	117.78	ng	0.00
23) Nitrobenzene-d5	9.96	82	212622	81.32	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	262624	131.00	ng	0.00
44) 2-Fluorobiphenyl	14.02	172	745164	76.26	ng	0.00
78) Terphenyl-d14	20.66	244	1662418	80.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.96	70	28957	15.037	ng	# 74
50) 2,6-Dinitrotoluene	15.40	165	16078	7.306	ng	# 20
56) 2,4-Dinitrotoluene	15.40	165	16078	5.427	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.87	198	557	5.108	ng	# 48
66) 4-Bromophenyl-phenylether	16.87	248	21588	4.338	ng	# 1

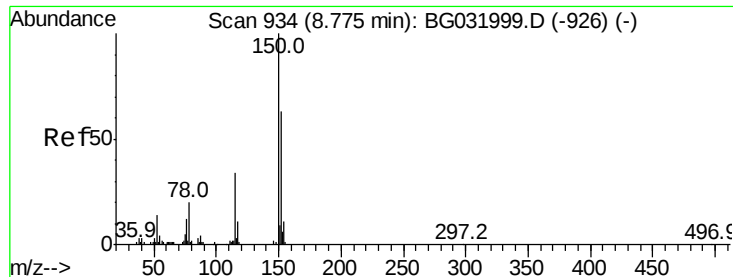
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



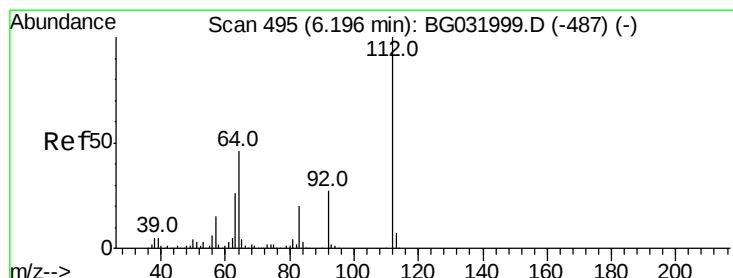
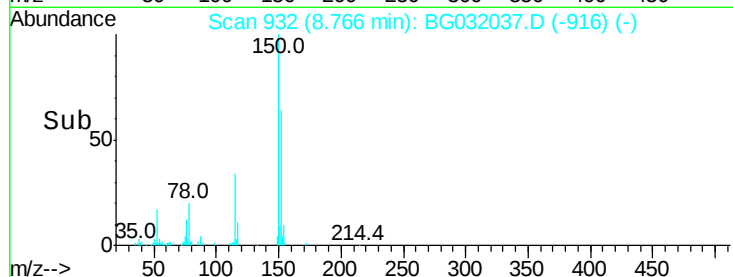
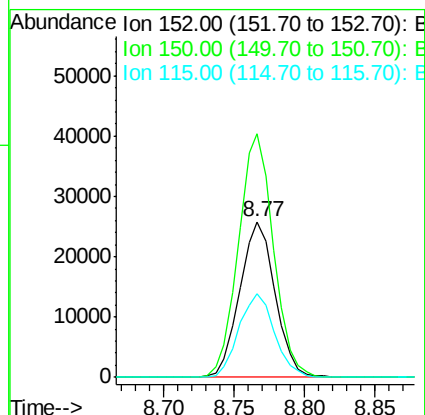
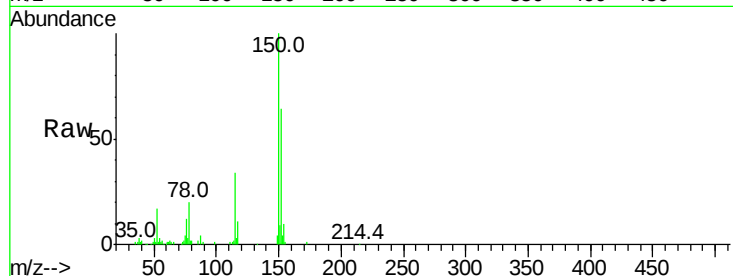


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032037.D
Acq: 15 Jan 2018 18:14

Instrument :
BNA_G
ClientSampleId :

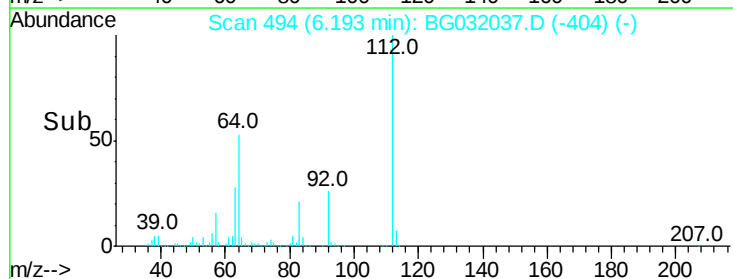
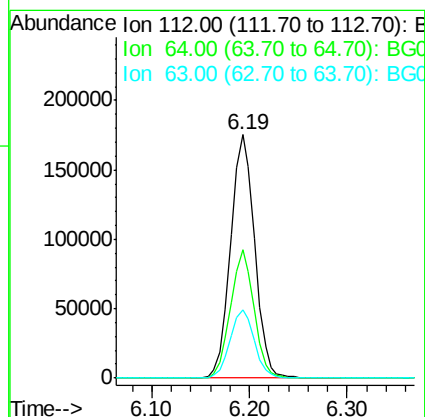
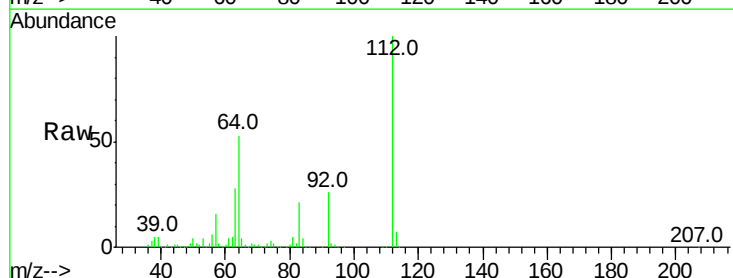
Tot Ion:152 Resp: 45070
Ion Ratio Lower Upper
152 100
150 156.5 126.6 189.8
115 53.9 53.0 79.4



#5

2-Fluorophenol
Concen: 121.849 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.00 min
Lab File: BG032037.D
Acq: 15 Jan 2018 18:14

Tgt Ion:112 Resp: 300269
Ion Ratio Lower Upper
112 100
64 52.6 56.3 84.5#
63 28.0 30.1 45.1#





#7

Phenol-d6

Concen: 117.781 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032037.D

Acq: 15 Jan 2018 18:14

Instrument :

BNA_G

ClientSampled :

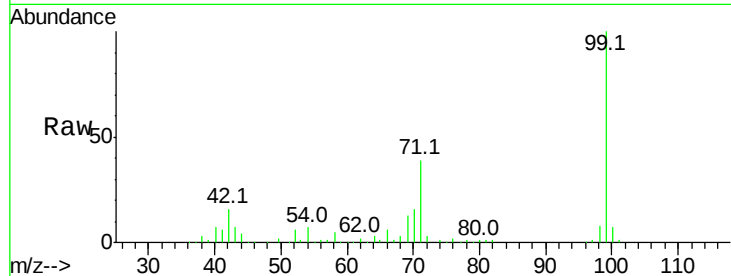
Tot Ion: 99 Resp: 365546

Ion Ratio Lower Upper

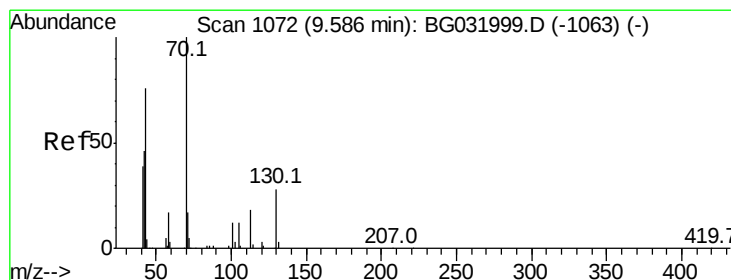
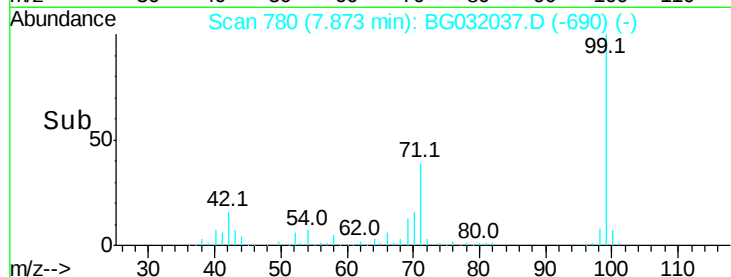
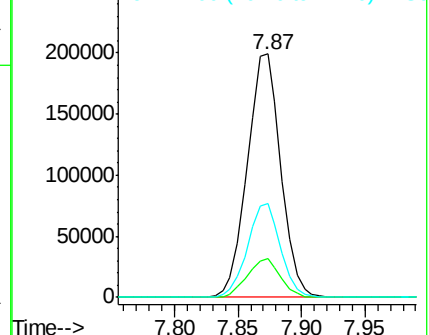
99 100

42 16.1 14.1 21.1

71 38.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.037 ng

RT: 9.96 min Scan# 1135

Delta R.T. 0.37 min

Lab File: BG032037.D

Acq: 15 Jan 2018 18:14

Tgt Ion: 70 Resp: 28957

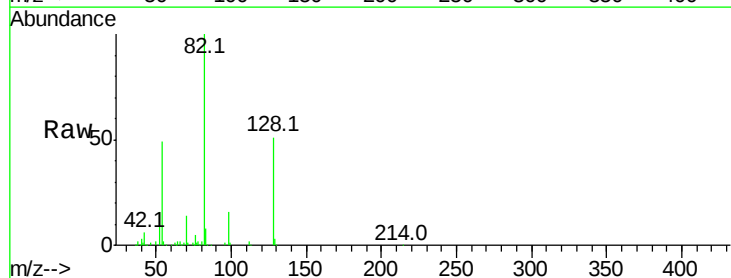
Ion Ratio Lower Upper

70 100

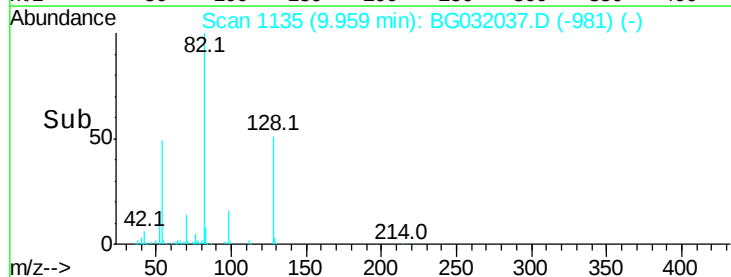
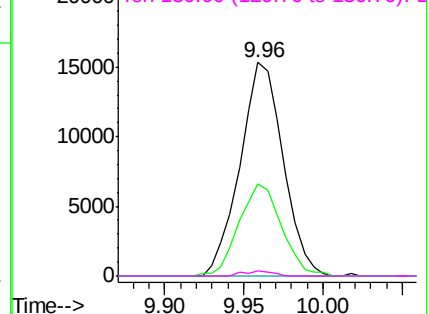
42 43.3 49.1 73.7#

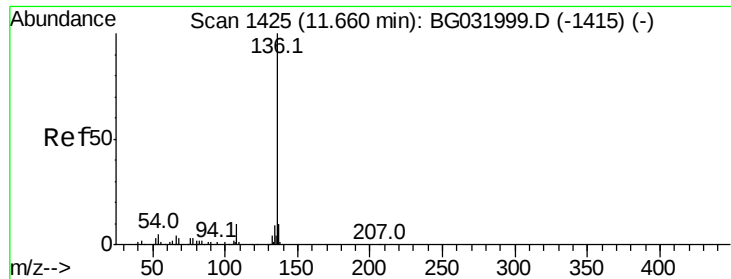
101 0.0 8.5 12.7#

130 2.2 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

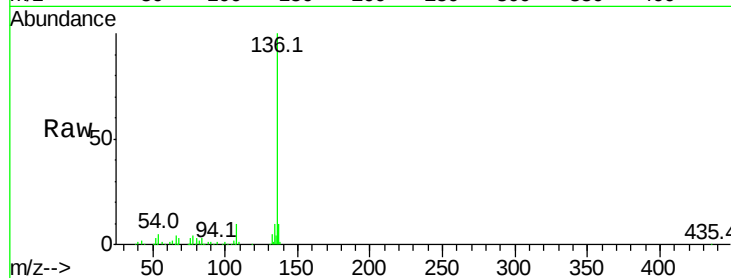




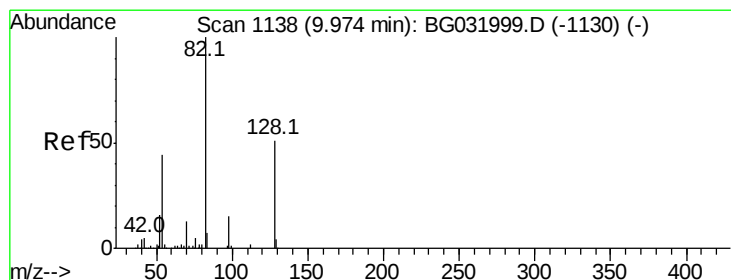
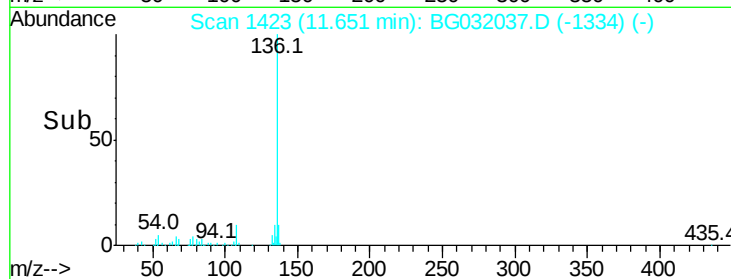
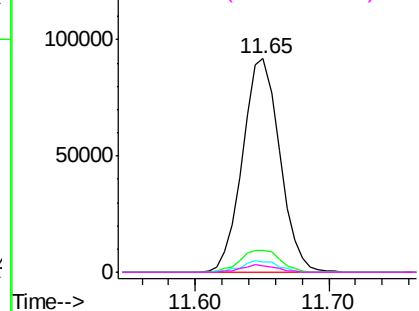
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032037.D
Acq: 15 Jan 2018 18:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	176897
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	5.0	10.3	15.5#
68	3.1	4.5	6.7#

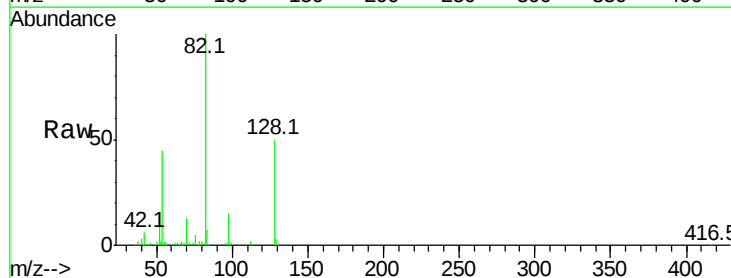


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

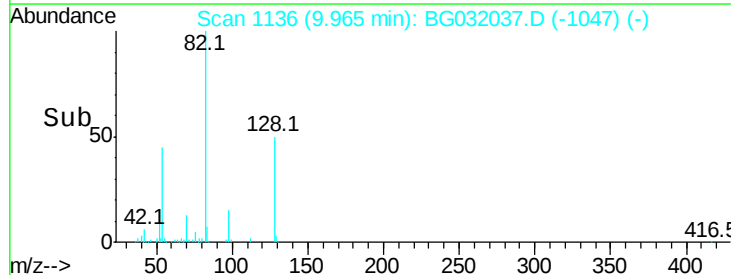
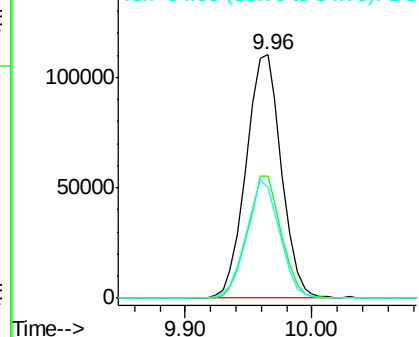


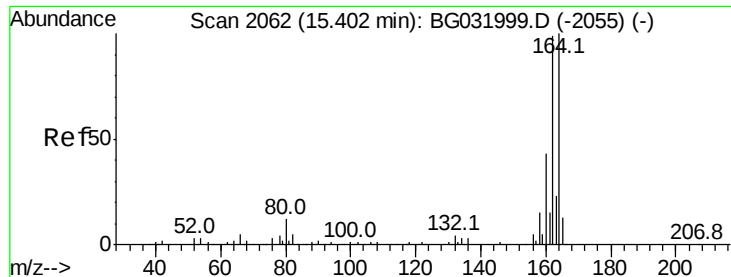
#23
Nitrobenzene-d5
Concen: 81.317 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032037.D
Acq: 15 Jan 2018 18:14

Tgt Ion:	82	Resp:	212622
Ion	Ratio	Lower	Upper
82	100		
128	50.2	29.7	44.5#
54	45.5	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BG032037.D

Acq: 15 Jan 2018 18:14

Instrument :

BNA_G

ClientSampleId :

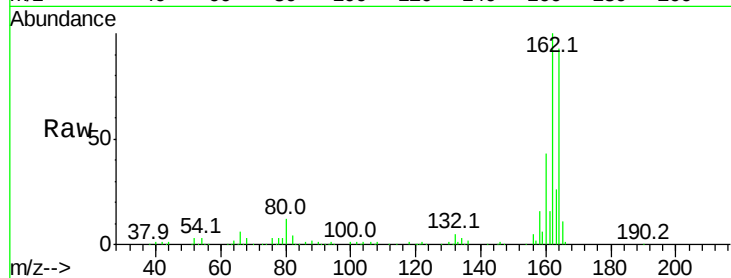
Tot Ion:164 Resp: 121154

Ion Ratio Lower Upper

164 100

162 107.3 78.8 118.2

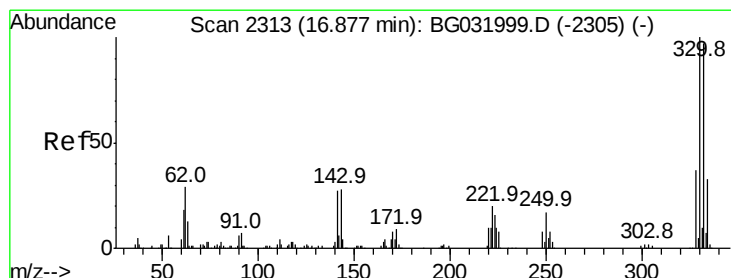
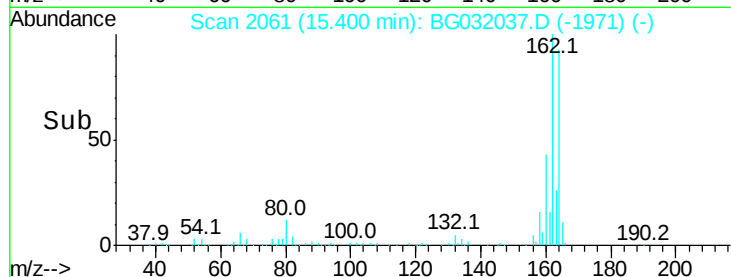
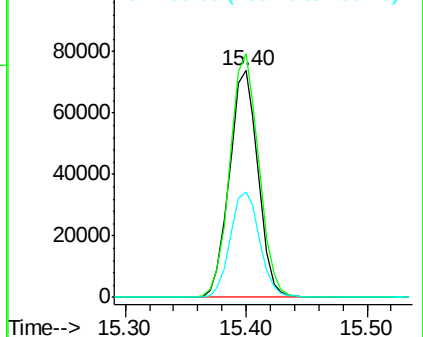
160 46.2 35.4 53.0



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: 130.997 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG032037.D

Acq: 15 Jan 2018 18:14

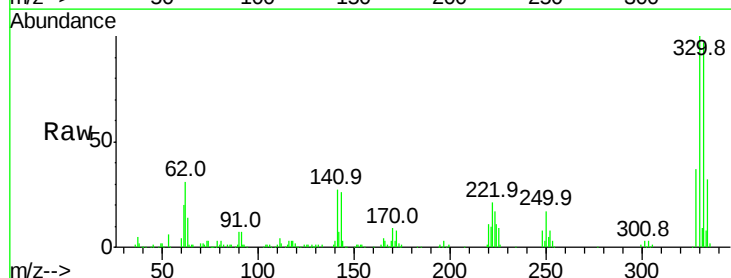
Tgt Ion:330 Resp: 262624

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

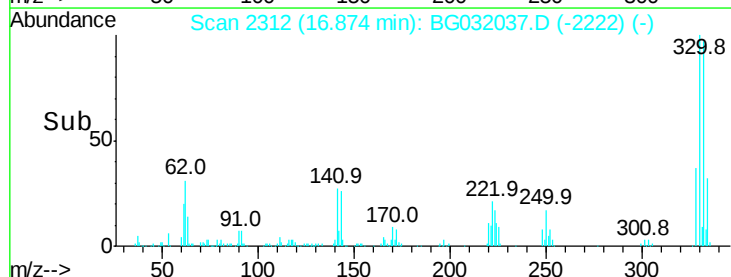
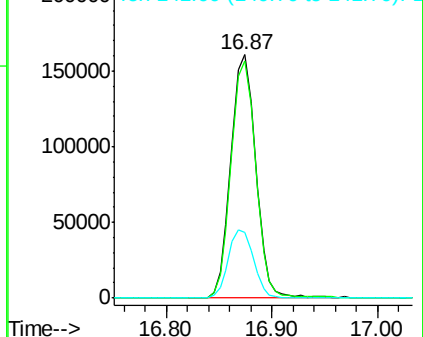
141 28.8 25.2 37.8

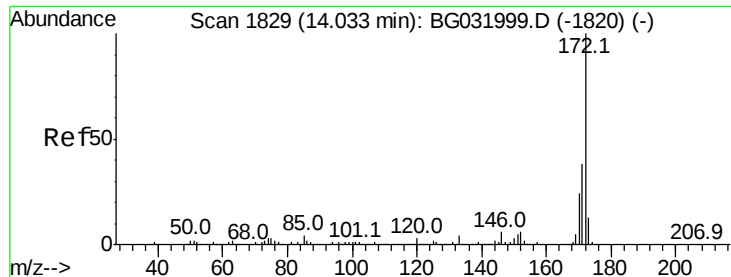


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

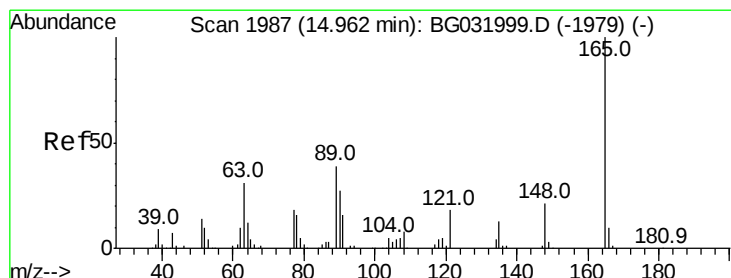
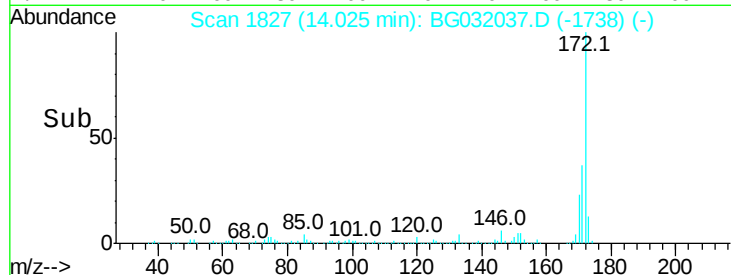
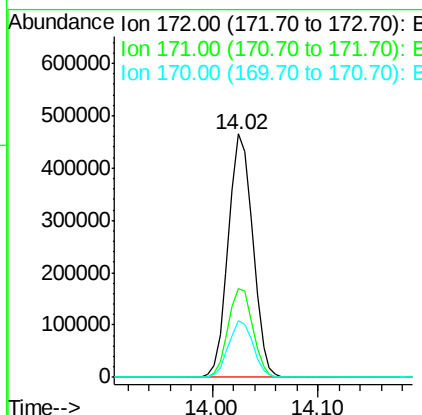
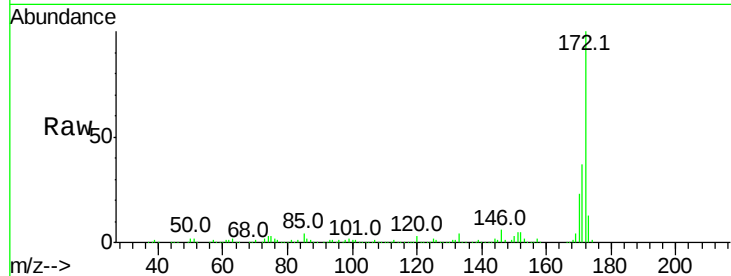




#44
2-Fluorobiphenyl
Concen: 76.264 ng
RT: 14.02 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BG032037.D
Acq: 15 Jan 2018 18:14

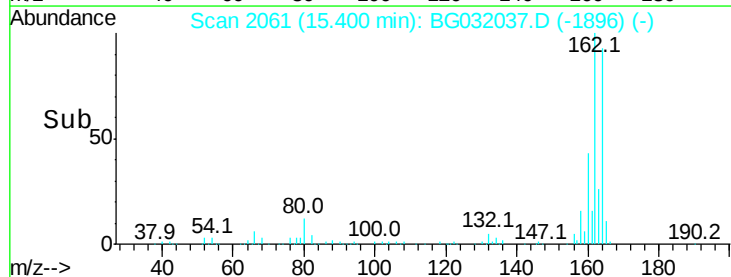
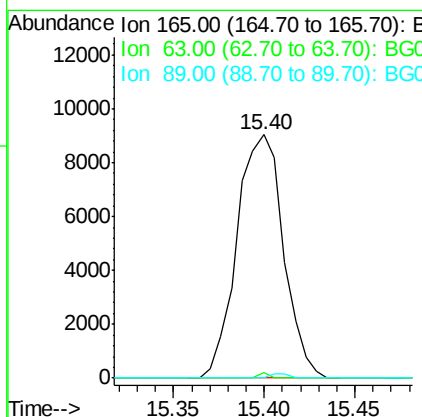
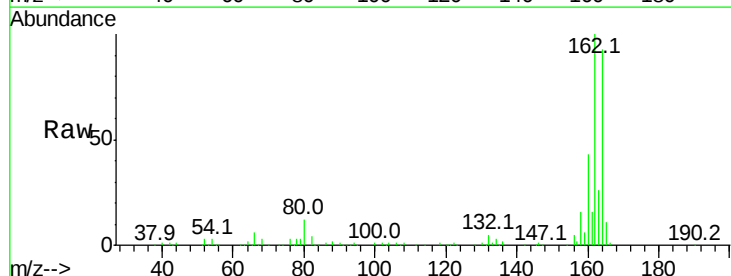
Instrument :
BNA_G
ClientSampleId :

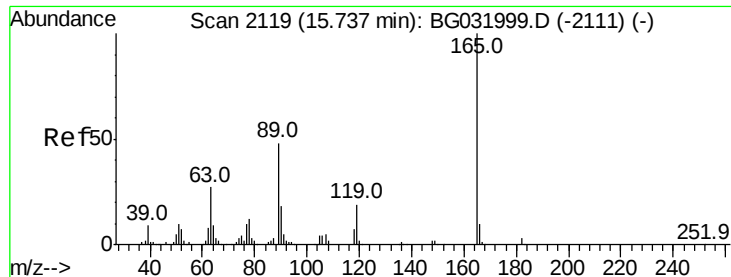
Tot Ion:172 Resp: 745164
Ion Ratio Lower Upper
172 100
171 36.5 30.0 45.0
170 23.2 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.306 ng
RT: 15.40 min Scan# 2061
Delta R.T. 0.44 min
Lab File: BG032037.D
Acq: 15 Jan 2018 18:14

Tgt Ion:165 Resp: 16078
Ion Ratio Lower Upper
165 100
63 2.3 52.7 79.1#
89 0.0 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 5.427 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.34 min

Lab File: BG032037.D

Acq: 15 Jan 2018 18:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 16078

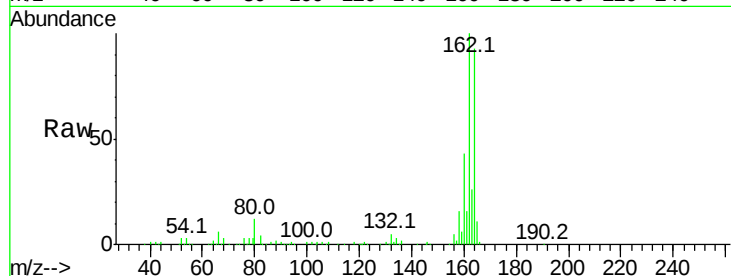
Ion Ratio Lower Upper

165 100

63 2.3 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

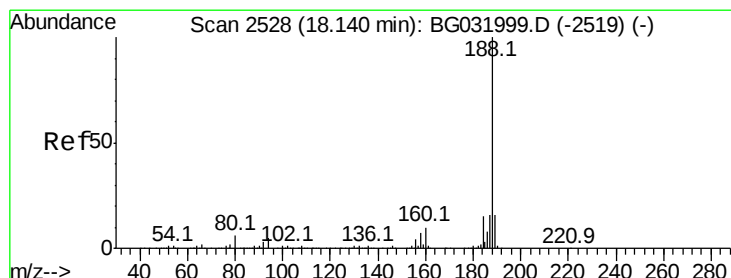
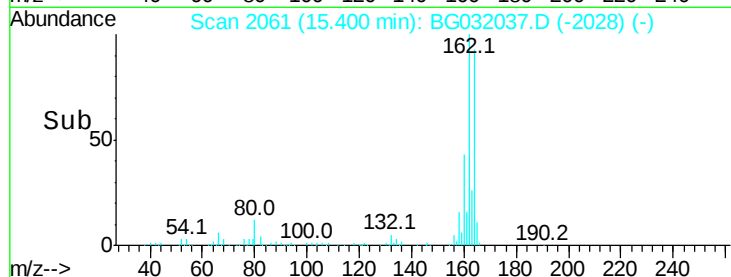
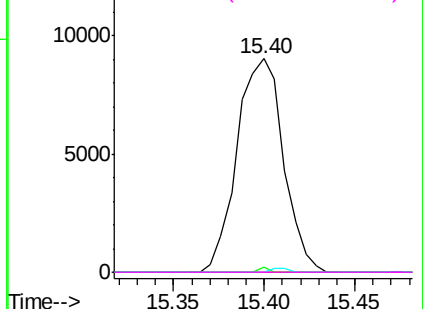


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG032037.D

Acq: 15 Jan 2018 18:14

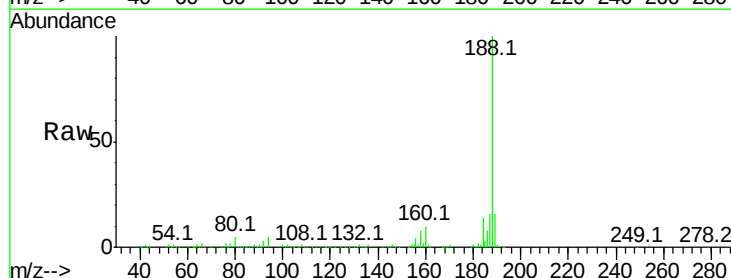
Tgt Ion:188 Resp: 349756

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

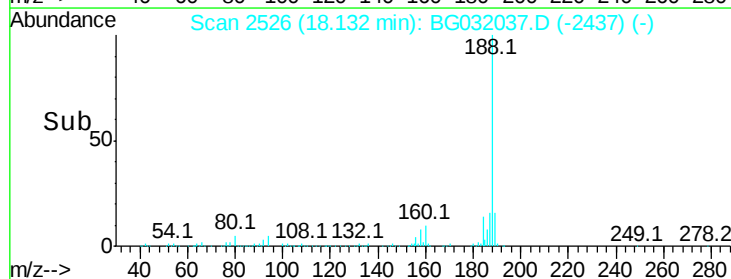
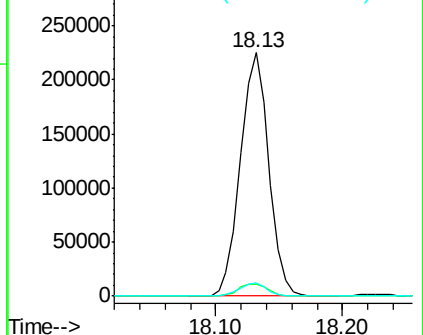
80 5.5 7.7 11.5#

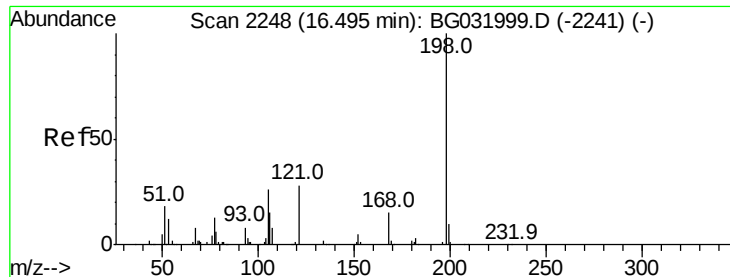


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

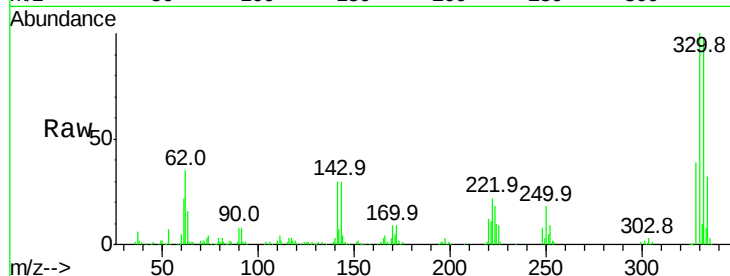




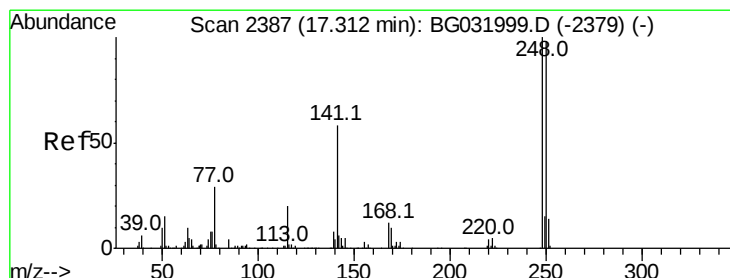
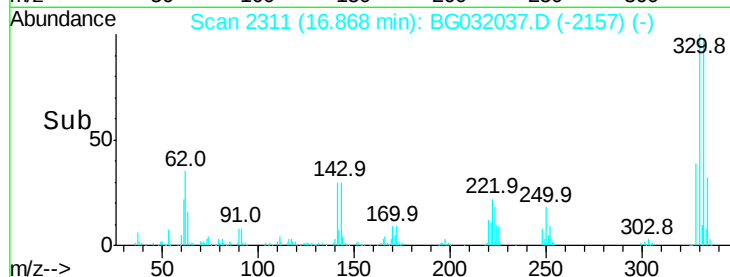
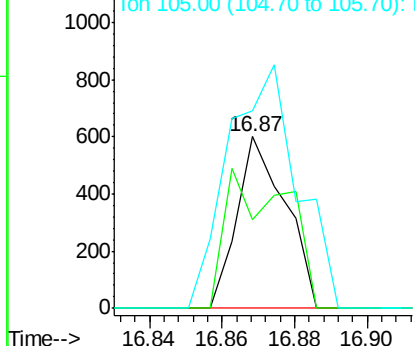
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.108 ng
 RT: 16.87 min Scan# 2311
 Delta R.T. 0.37 min
 Lab File: BG032037.D
 Acq: 15 Jan 2018 18:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 557
 Ion Ratio Lower Upper
 198 100
 51 51.9 30.6 70.6
 105 115.1 23.8 63.8#

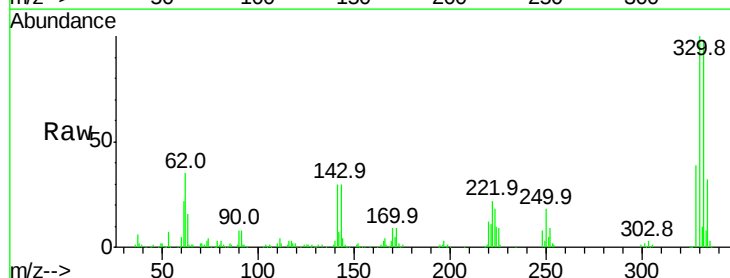


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

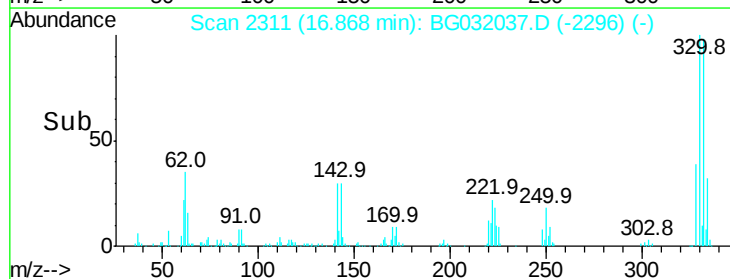
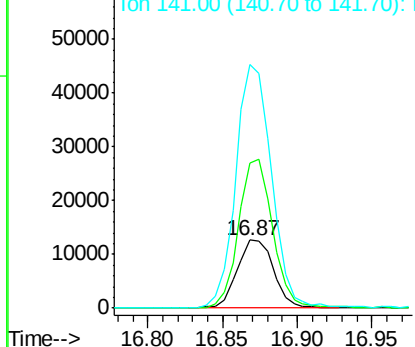


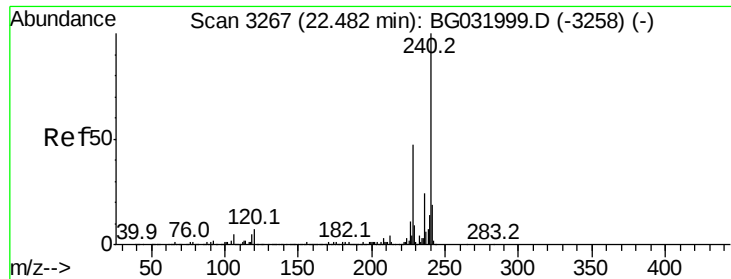
#66
 4-Bromophenyl-phenylether
 Concen: 4.338 ng
 RT: 16.87 min Scan# 2311
 Delta R.T. -0.44 min
 Lab File: BG032037.D
 Acq: 15 Jan 2018 18:14

Tgt Ion:248 Resp: 21588
 Ion Ratio Lower Upper
 248 100
 250 213.3 77.1 115.7#
 141 358.3 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. -0.01 min

Lab File: BG032037.D

Acq: 15 Jan 2018 18:14

Instrument :

BNA_G

ClientSampleId :

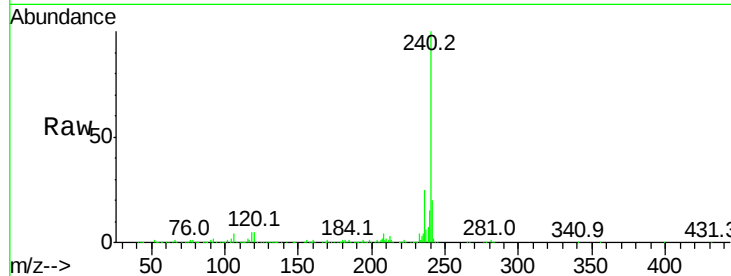
Tot Ion:240 Resp: 453210

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

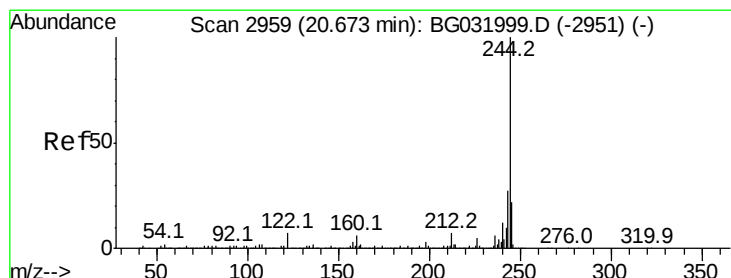
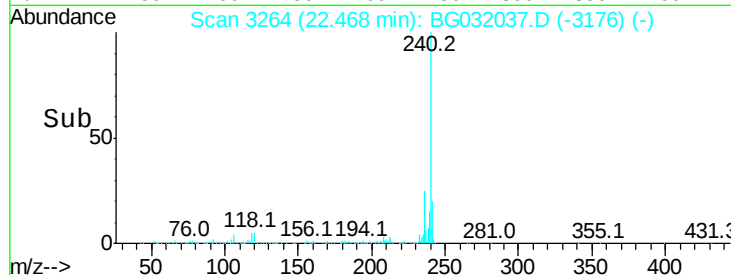
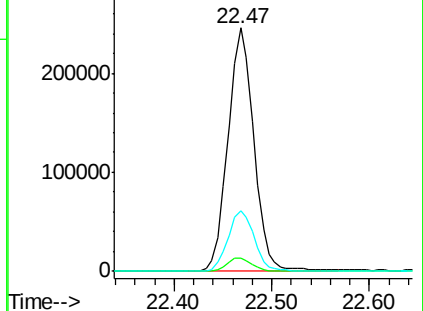
236 25.1 20.9 31.3



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: 80.993 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032037.D

Acq: 15 Jan 2018 18:14

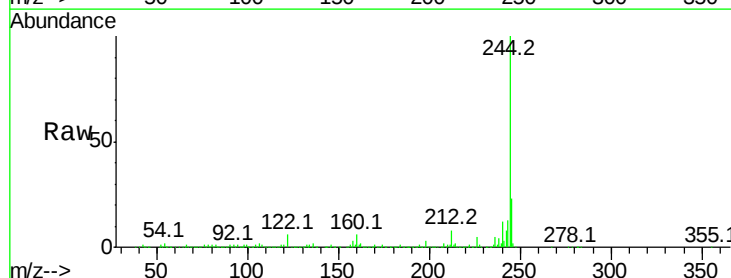
Tgt Ion:244 Resp: 1662418

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

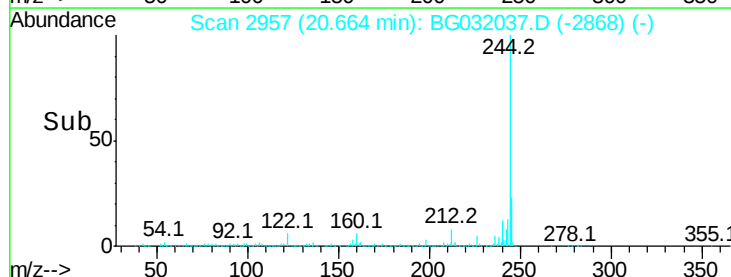
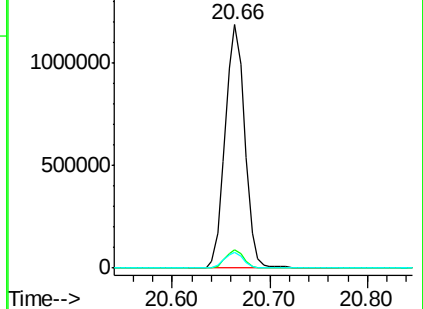
122 6.5 7.0 10.4#

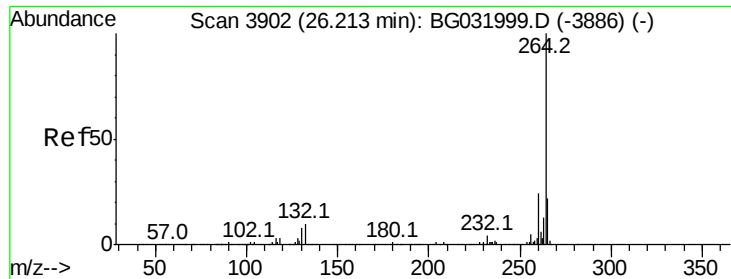


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.19 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032037.D
Acq: 15 Jan 2018 18:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.5	17.7	26.5

