

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032241.D
 Acq On : 23 Jan 2018 21:03
 Operator : SJ/JU
 Sample : J1238-22
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

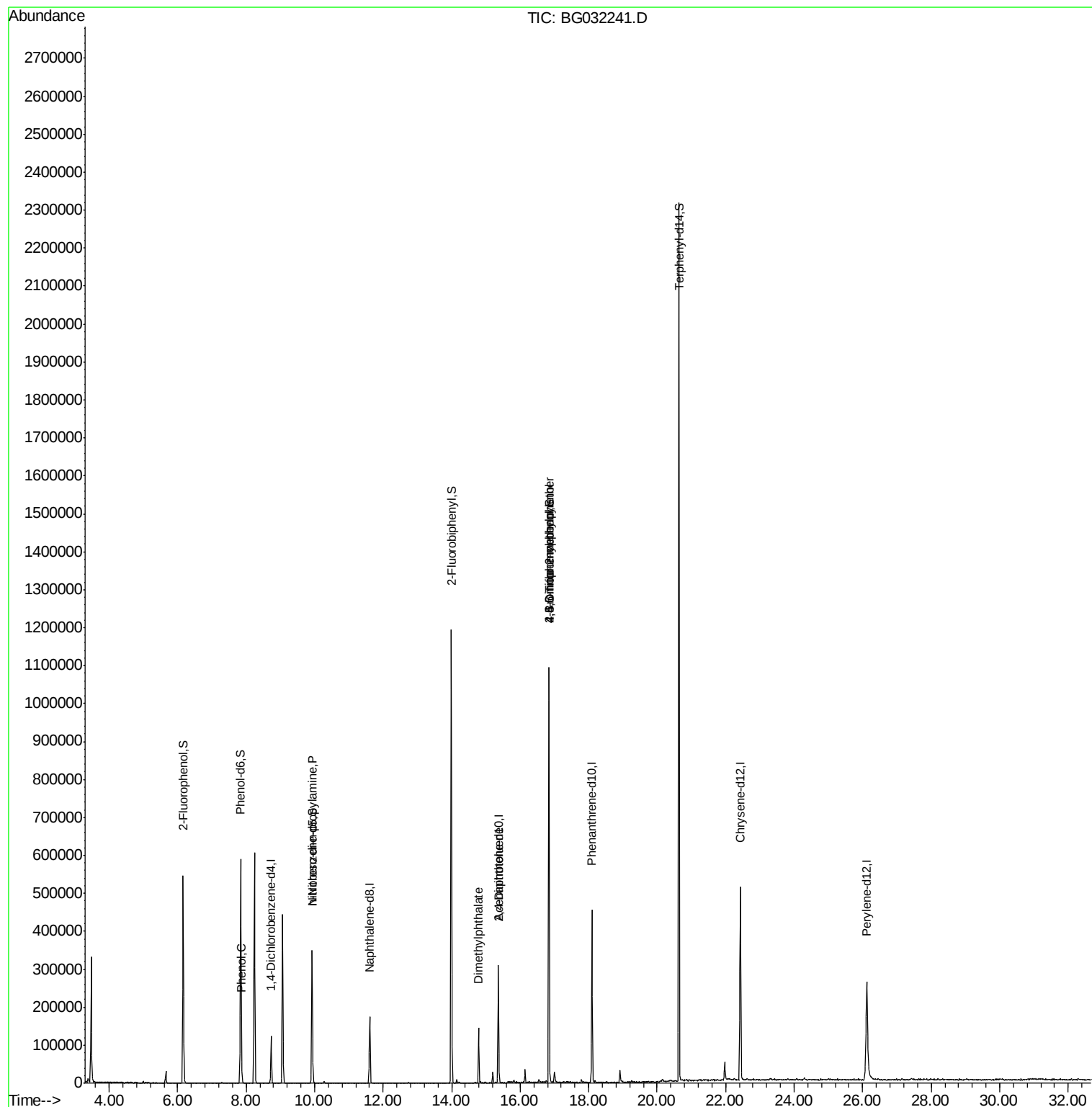
Quant Time: Jan 24 03:00:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

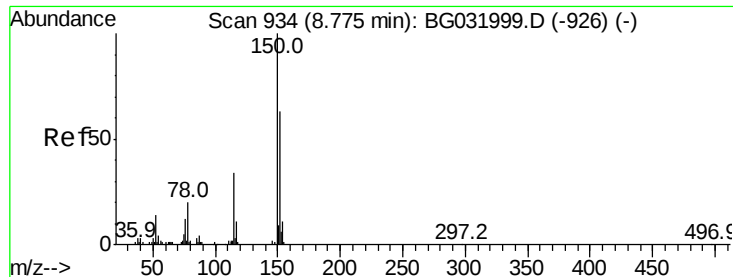
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	40915	20.00	ng	-0.02
21) Naphthalene-d8	11.61	136	171687	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	122326	20.00	ng	-0.02
63) Phenanthrene-d10	18.10	188	302788	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	394401	20.00	ng	-0.02
86) Perylene-d12	26.12	264	424693	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	274688	122.79	ng	-0.01
7) Phenol-d6	7.84	99	358601	127.28	ng	-0.01
23) Nitrobenzene-d5	9.92	82	218122	85.95	ng	-0.02
41) 2,4,6-Tribromophenol	16.84	330	249654	123.33	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	696749	70.63	ng	-0.02
78) Terphenyl-d14	20.63	244	1249345	69.94	ng	-0.02
Target Compounds						
10) Phenol	7.87	94	11054	3.983	ng	79
19) n-Nitroso-di-n-propylamine	9.92	70	32232	18.438	ng	# 69
49) Dimethylphthalate	14.79	163	103874	9.704	ng	# 98
56) 2,4-Dinitrotoluene	15.36	165	16078	5.375	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.84	198	571	5.149	ng	# 35
66) 4-Bromophenyl-phenylether	16.84	248	21503	4.991	ng	# 1

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

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 24 03:00:09 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

Instrument :

BNA_G

ClientSampleId :

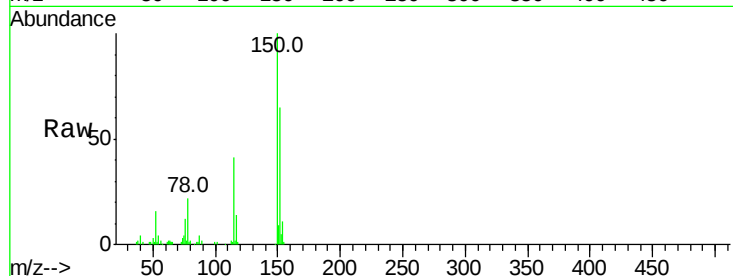
Tot Ion:152 Resp: 40915

Ion Ratio Lower Upper

152 100

150 153.5 126.6 189.8

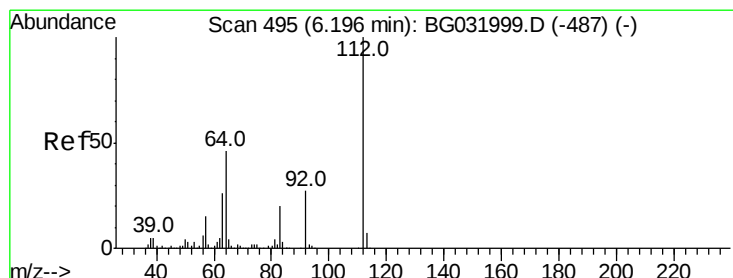
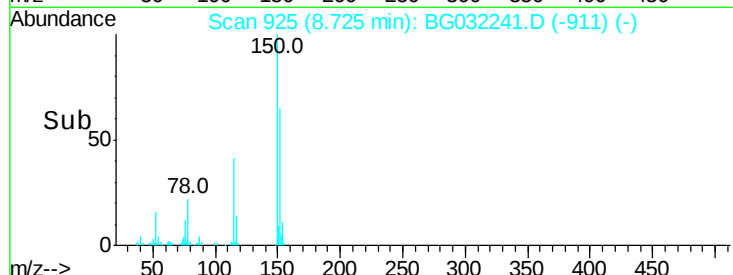
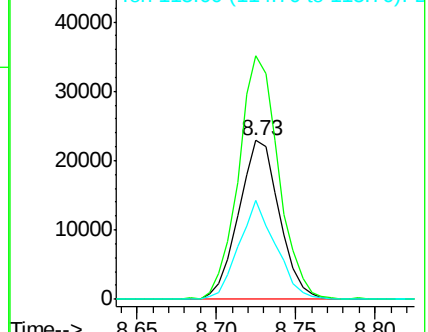
115 62.2 53.0 79.4



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: 122.788 ng

RT: 6.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

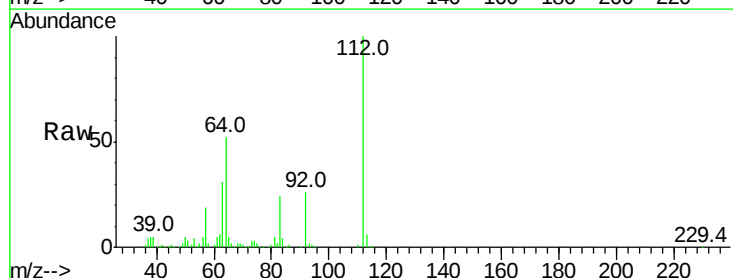
Tgt Ion:112 Resp: 274688

Ion Ratio Lower Upper

112 100

64 52.0 56.3 84.5#

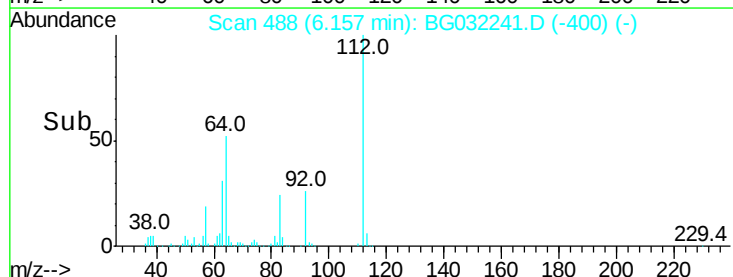
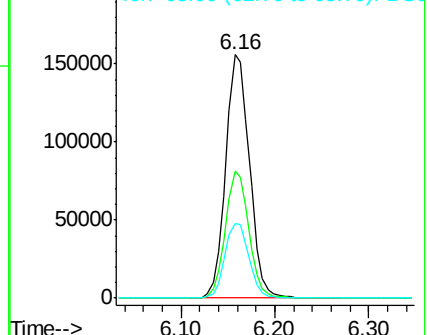
63 30.8 30.1 45.1

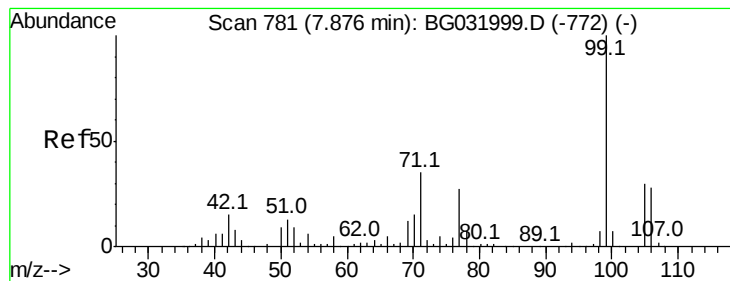


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 127.277 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

Instrument :

BNA_G

ClientSampleId :

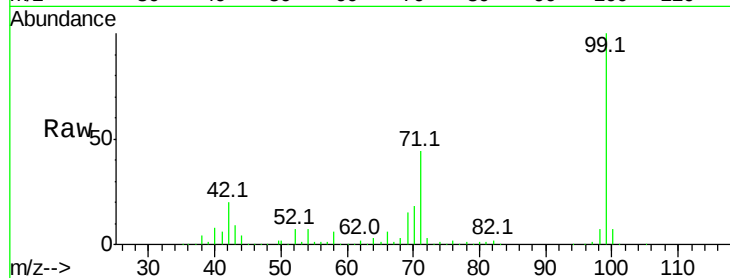
Tot Ion: 99 Resp: 358601

Ion Ratio Lower Upper

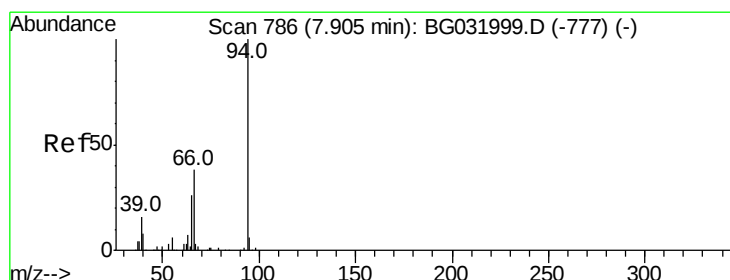
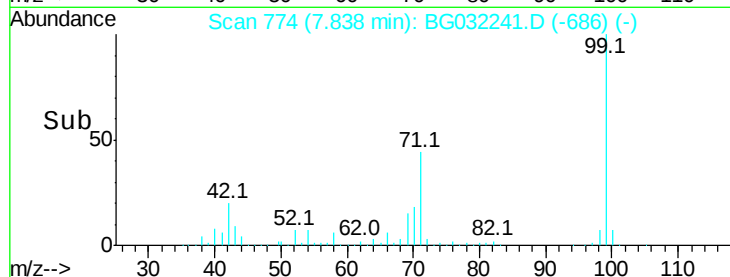
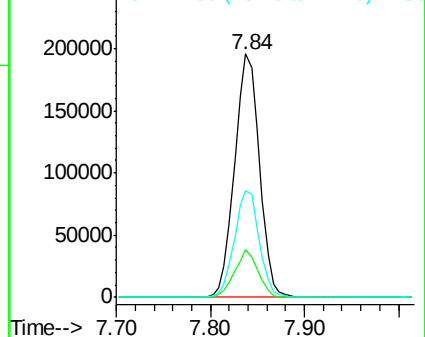
99 100

42 19.7 14.1 21.1

71 43.6 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



#10

Phenol

Concen: 3.983 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

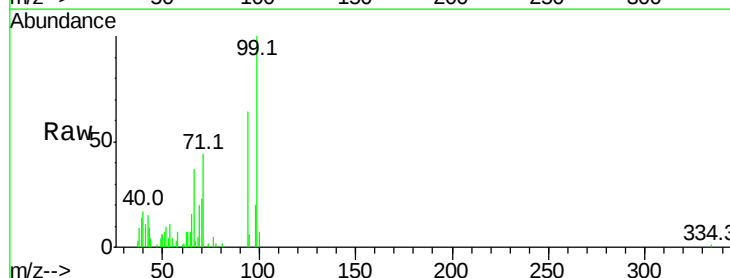
Tgt Ion: 94 Resp: 11054

Ion Ratio Lower Upper

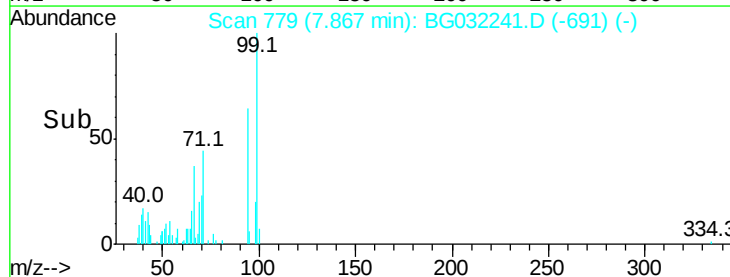
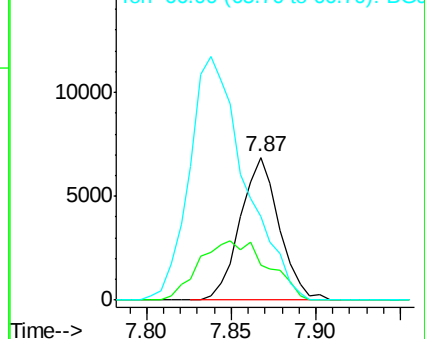
94 100

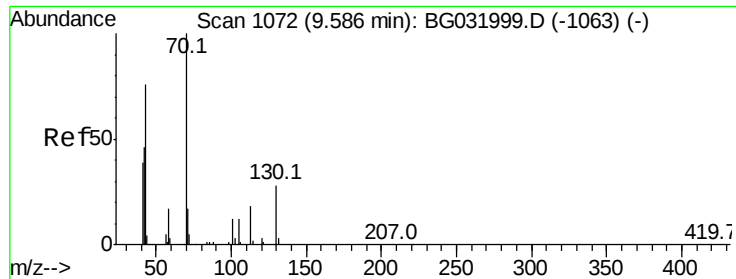
65 24.6 11.9 51.9

66 58.8 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: 18.438 ng

RT: 9.92 min Scan# 1129

Delta R.T. 0.36 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 32232

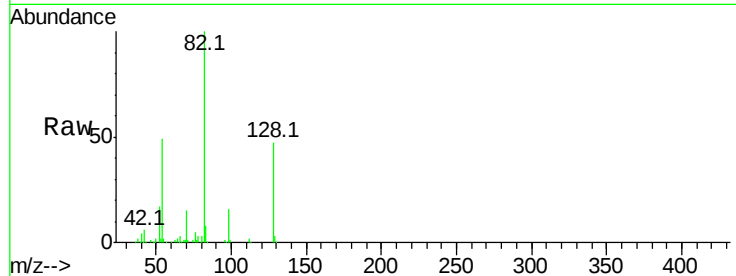
Ion Ratio Lower Upper

70 100

42 38.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.1 13.4 20.0#

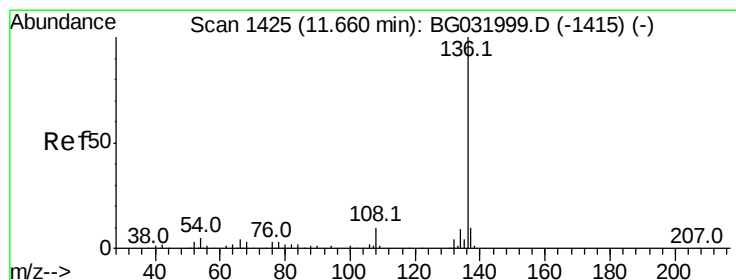
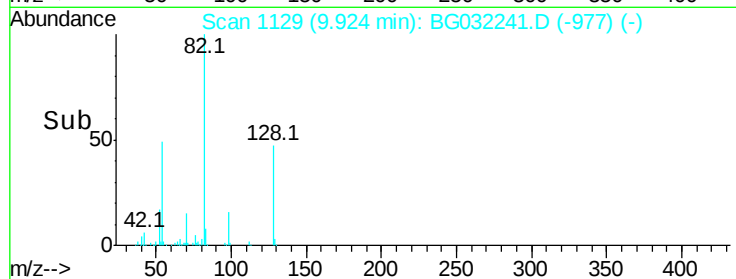
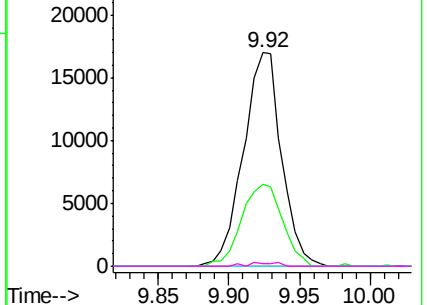


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 11.61 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

Tgt Ion: 136 Resp: 171687

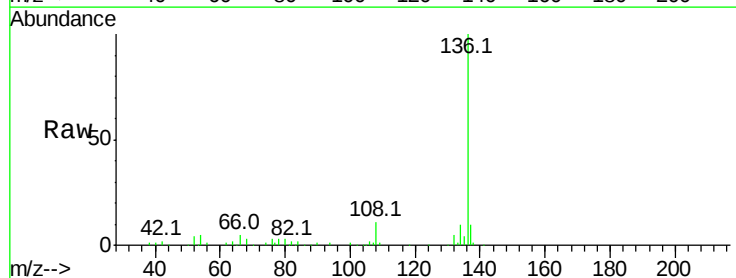
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 5.3 10.3 15.5#

68 2.6 4.5 6.7#

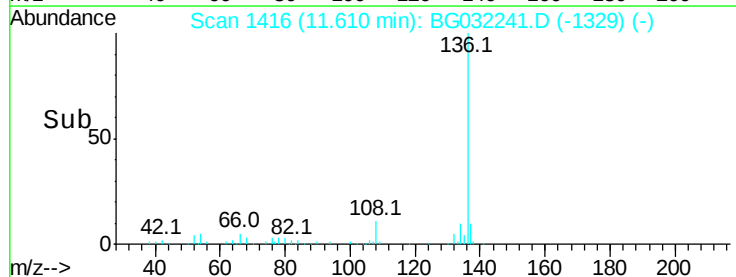
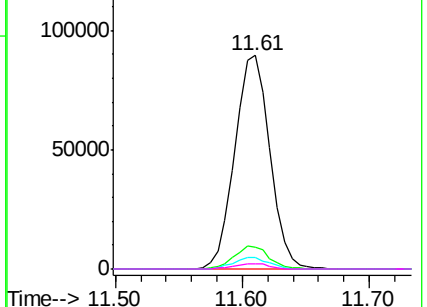


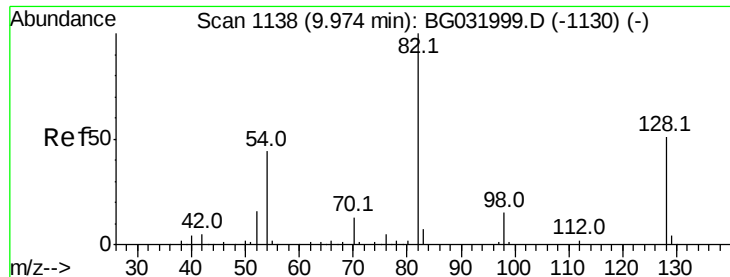
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

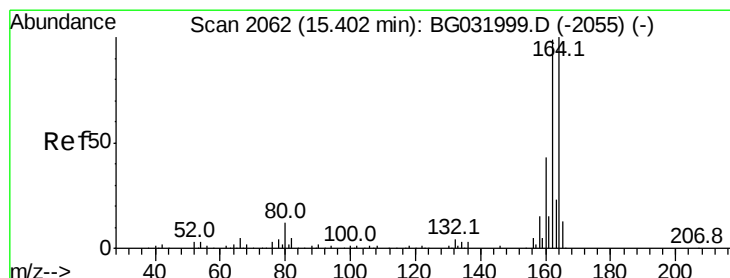
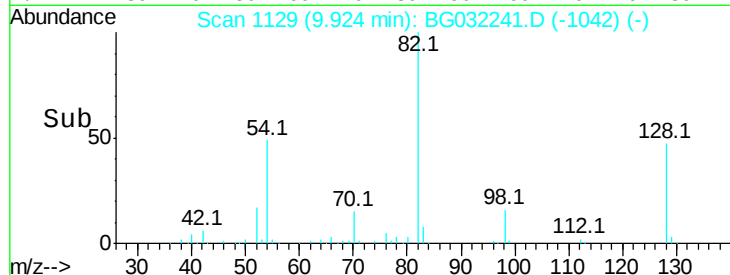
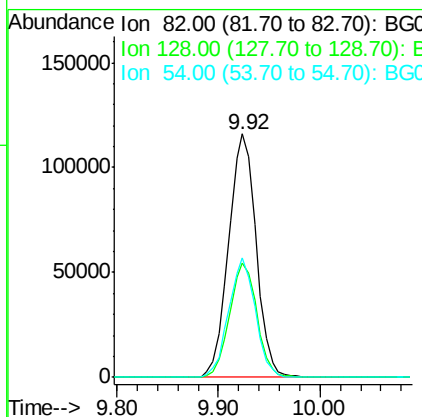
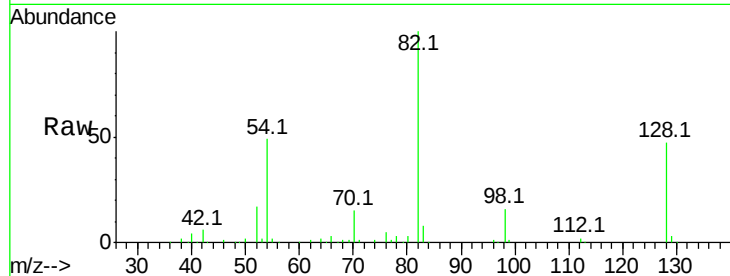




#23
Nitrobenzene-d5
Concen: 85.952 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BG032241.D
Acq: 23 Jan 2018 21:03

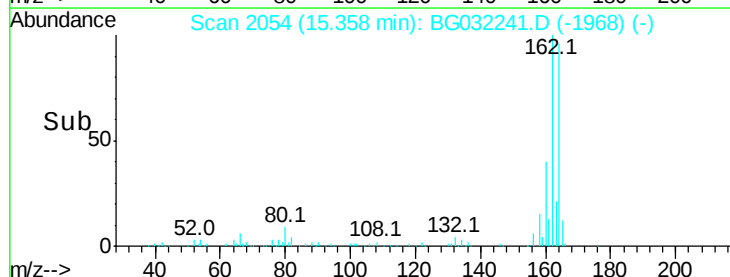
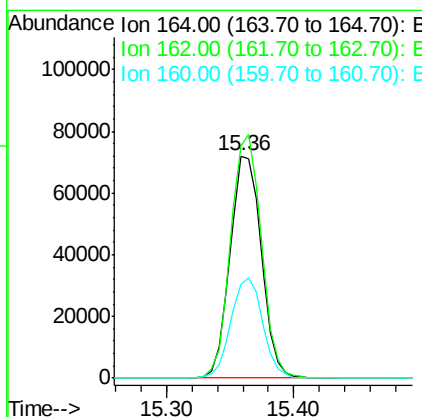
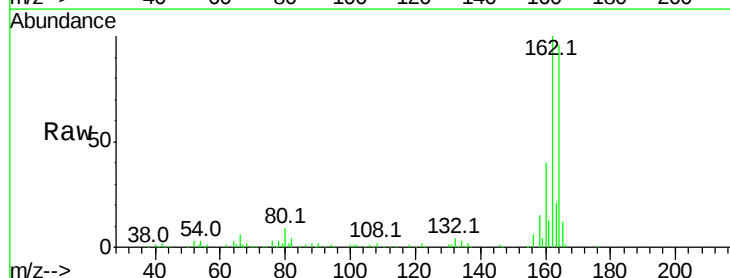
Instrument :
BNA_G
ClientSampleId :

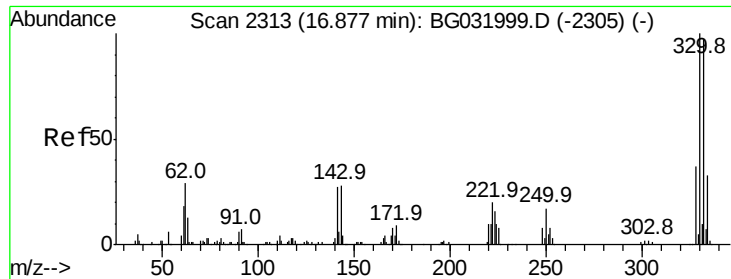
Tot Ion: 82 Resp: 218122
Ion Ratio Lower Upper
82 100
128 47.0 29.7 44.5#
54 49.0 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BG032241.D
Acq: 23 Jan 2018 21:03

Tgt Ion:164 Resp: 122326
Ion Ratio Lower Upper
164 100
162 104.4 78.8 118.2
160 42.0 35.4 53.0

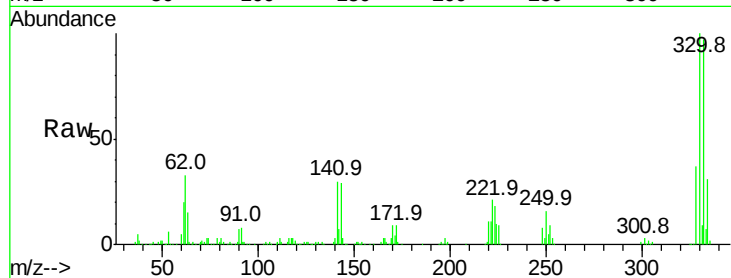




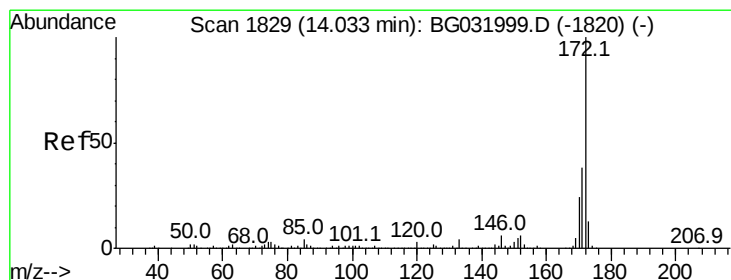
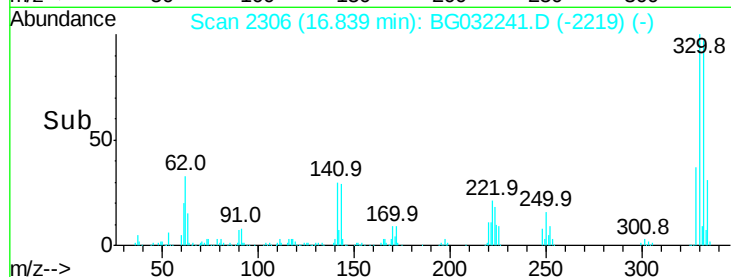
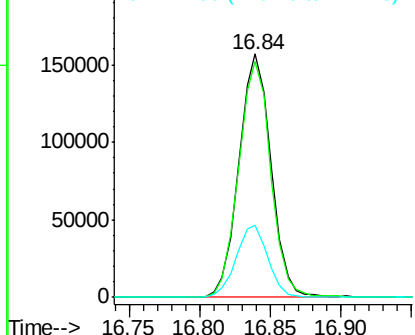
#41
 2,4,6-Tribromophenol
 Concen: 123.334 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG032241.D
 Acq: 23 Jan 2018 21:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	29.3	25.2	37.8

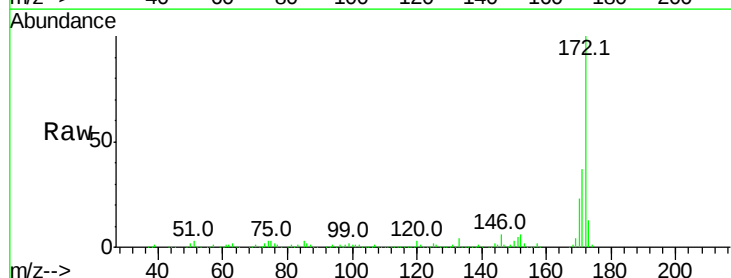


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

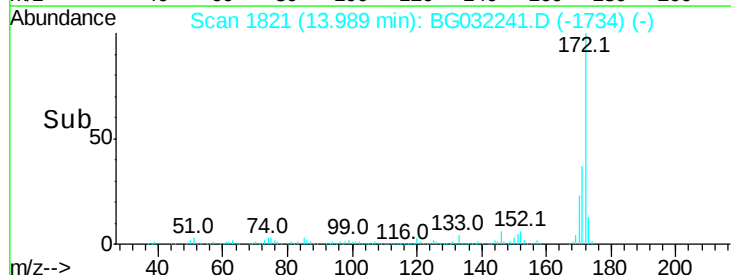
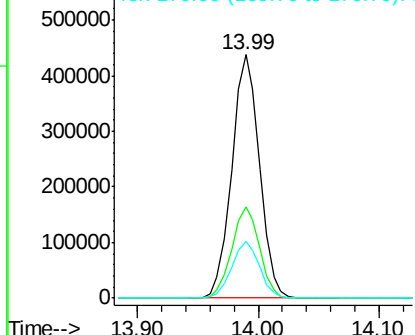


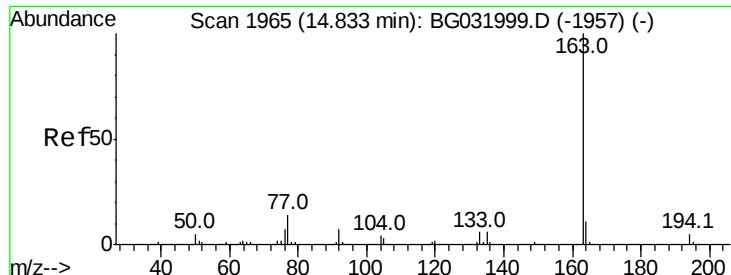
#44
 2-Fluorobiphenyl
 Concen: 70.626 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BG032241.D
 Acq: 23 Jan 2018 21:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.5	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: 9.704 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

Instrument :

BNA_G

ClientSampleId :

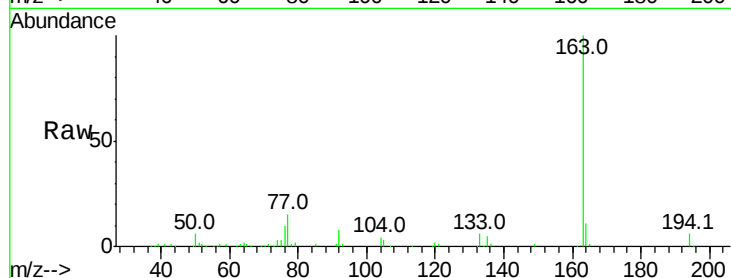
Tot Ion:163 Resp: 103874

Ion Ratio Lower Upper

163 100

194 5.9 3.4 5.2#

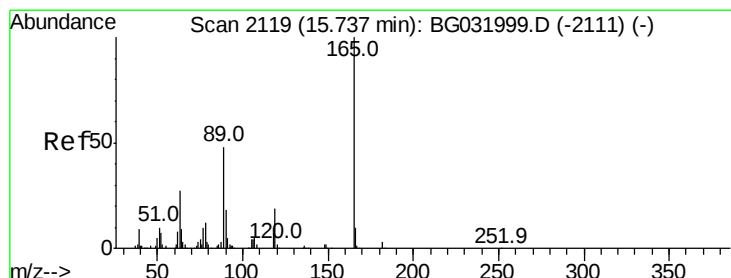
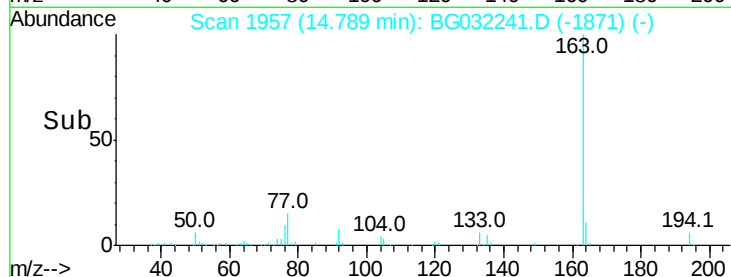
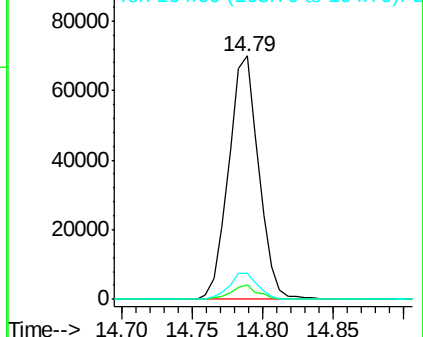
164 10.7 8.2 12.4



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: 5.375 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.35 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

Tgt Ion:165 Resp: 16078

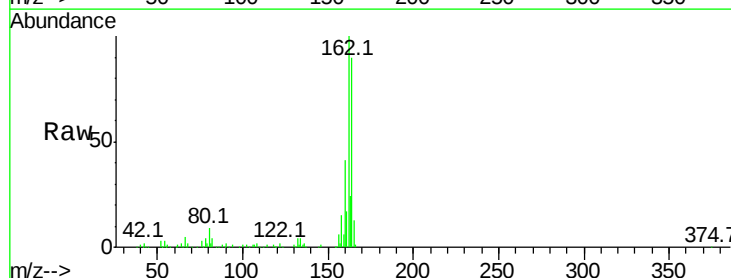
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.0 66.9 100.3#

182 0.0 2.6 3.8#

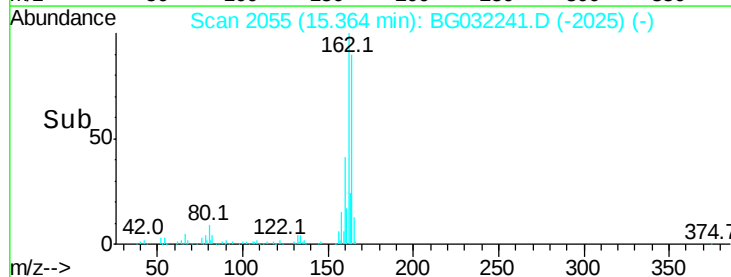
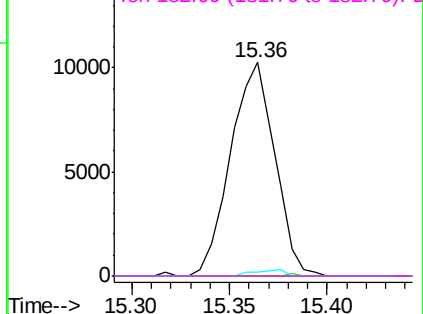


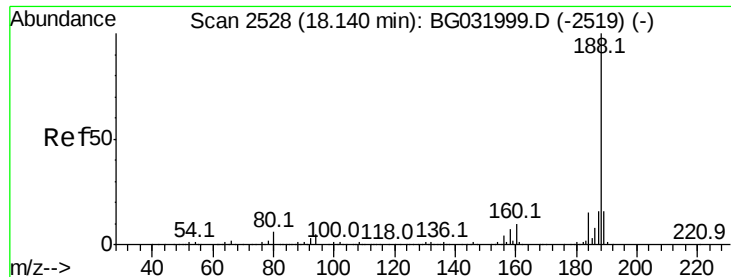
Abundance Ion 165.00 (164.70 to 165.70): E

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

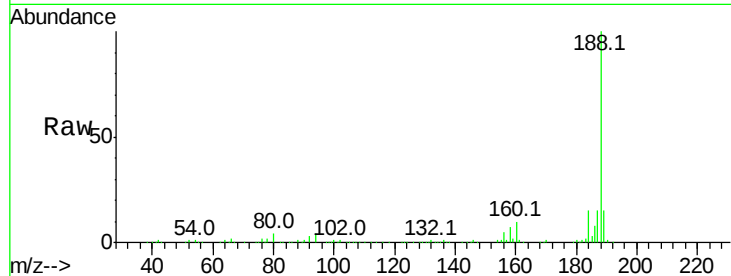




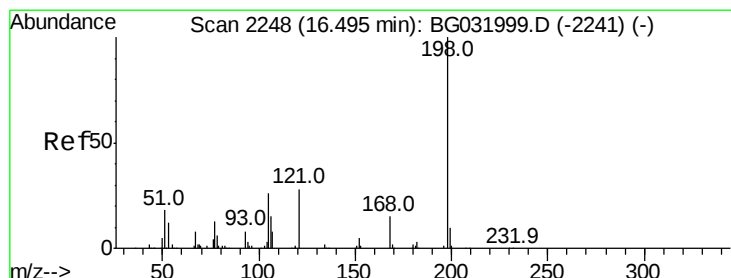
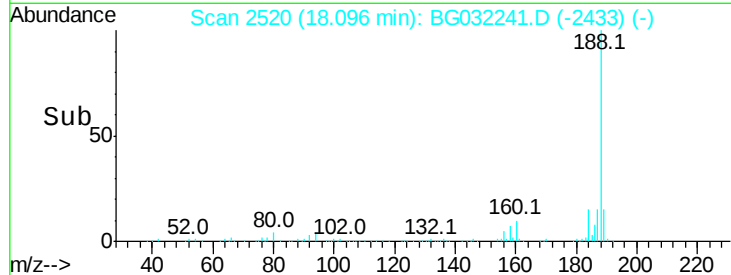
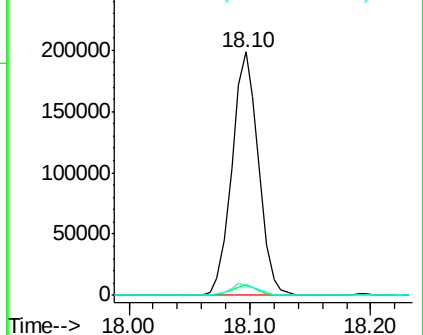
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.10 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BG032241.D
Acq: 23 Jan 2018 21:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 302788
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 4.1 7.7 11.5#

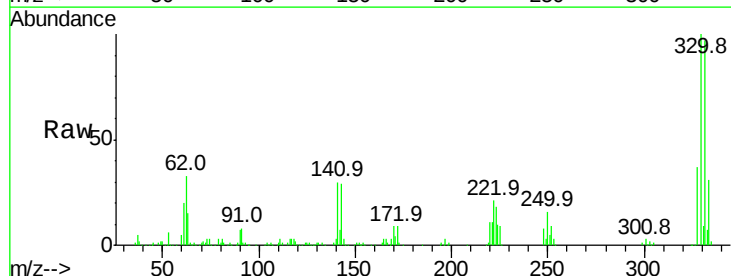


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

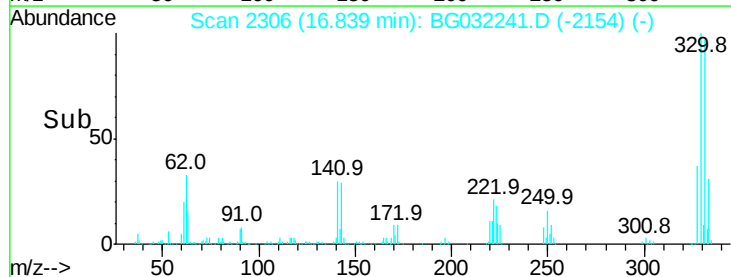
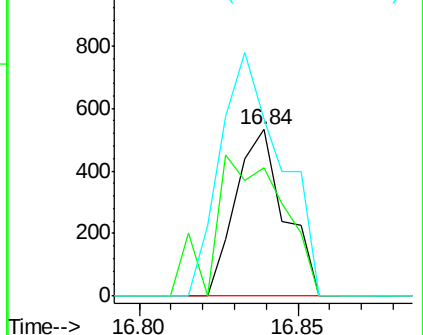


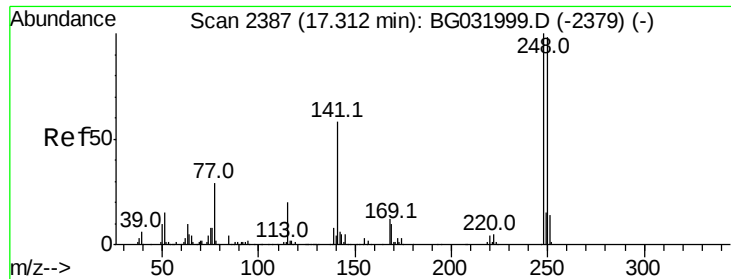
#64
4,6-Dinitro-2-methylphenol
Concen: 5.149 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.36 min
Lab File: BG032241.D
Acq: 23 Jan 2018 21:03

Tgt Ion:198 Resp: 571
Ion Ratio Lower Upper
198 100
51 77.4 30.6 70.6#
105 106.0 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

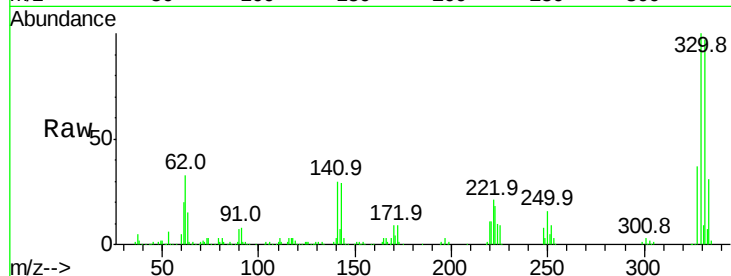




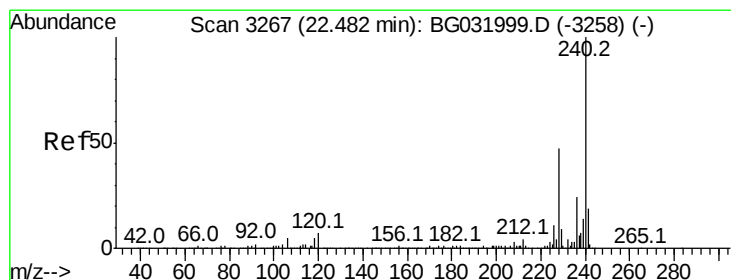
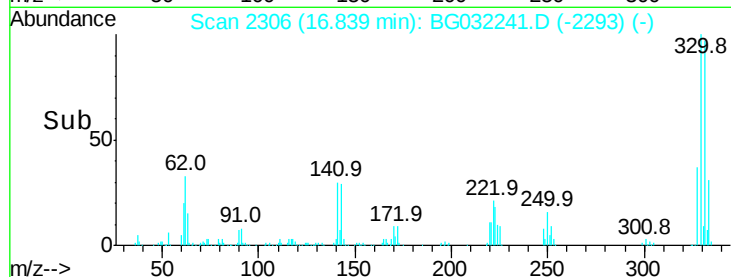
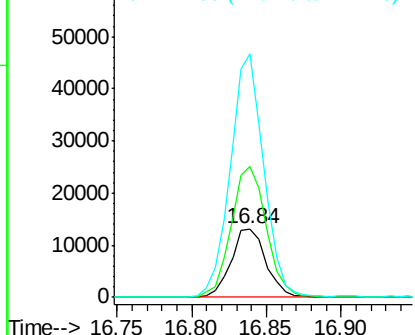
#66
4-Bromophenyl-phenylether
Concen: 4.991 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.45 min
Lab File: BG032241.D
Acq: 23 Jan 2018 21:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 21503
Ion Ratio Lower Upper
248 100
250 190.5 77.1 115.7#
141 355.2 50.8 76.2#

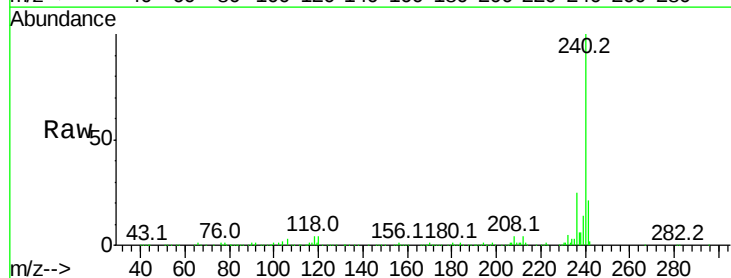


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

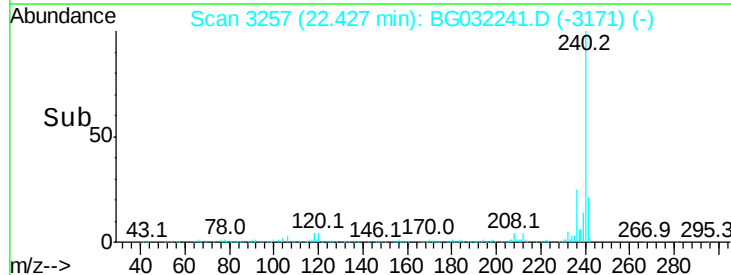
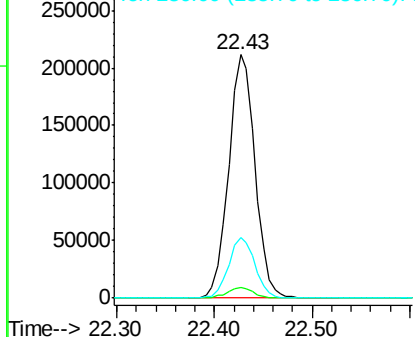


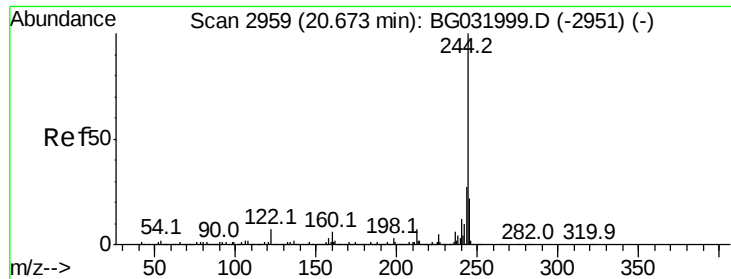
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.43 min Scan# 3257
Delta R.T. -0.02 min
Lab File: BG032241.D
Acq: 23 Jan 2018 21:03

Tgt Ion:240 Resp: 394401
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 25.0 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: 69.944 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

Instrument :

BNA_G

ClientSampled :

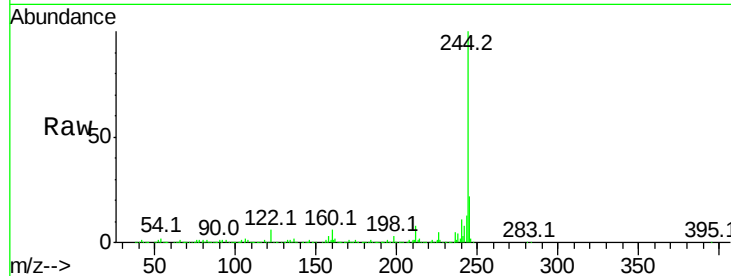
Tot Ion:244 Resp: 1249345

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

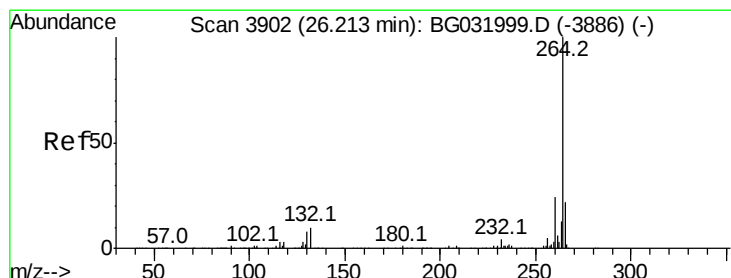
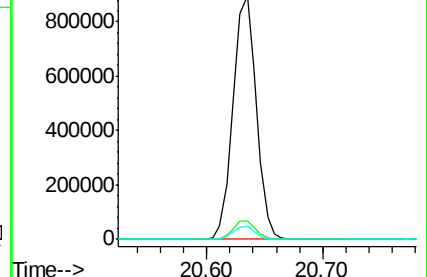
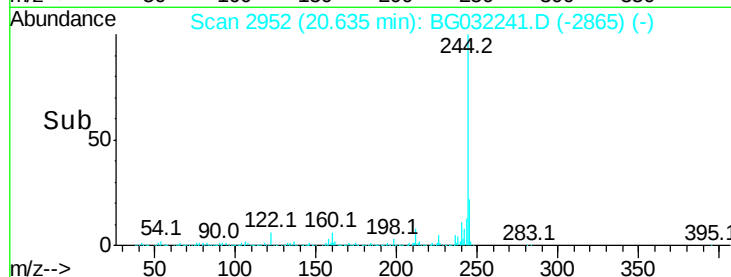
122 5.6 7.0 10.4#



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: 26.12 min Scan# 3885

Delta R.T. -0.03 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

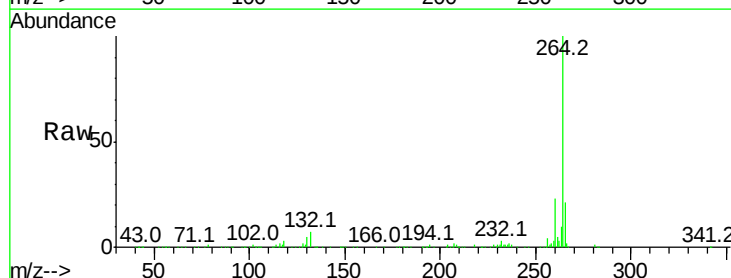
Tgt Ion:264 Resp: 424693

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.5 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

