

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032335.D
 Acq On : 26 Jan 2018 19:22
 Operator : SJ/JU
 Sample : J1288-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 26 23:09:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

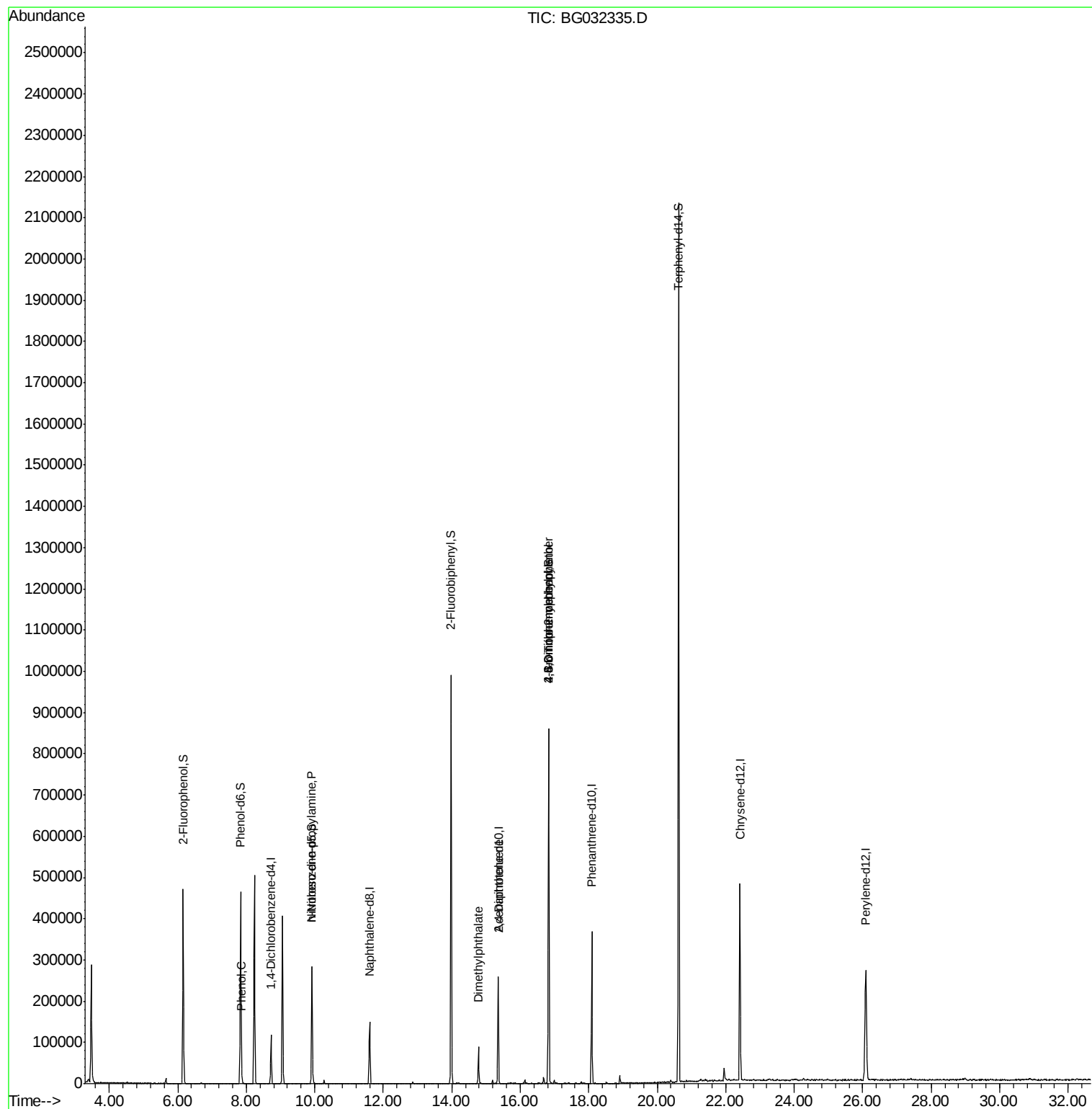
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	39564	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	146166	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	98732	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	259785	20.00	ng	0.00
75) Chrysene-d12	22.41	240	348699	20.00	ng	-0.01
86) Perylene-d12	26.09	264	373487	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	231651	107.09	ng	0.00
7) Phenol-d6	7.84	99	278440	102.20	ng	0.00
23) Nitrobenzene-d5	9.92	82	173767	80.43	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	201108	123.09	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	583087	73.23	ng	0.00
78) Terphenyl-d14	20.62	244	1118125	70.80	ng	-0.01
Target Compounds						
10) Phenol	7.87	94	10648	3.968	ng	91
19) n-Nitroso-di-n-propylamine	9.92	70	24529	14.511	ng	# 74
49) Dimethylphthalate	14.78	163	68110	7.883	ng	98
56) 2,4-Dinitrotoluene	15.36	165	13225	5.478	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.83	198	632	5.226	ng	# 60
66) 4-Bromophenyl-phenylether	16.83	248	17026	4.606	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: 8.72 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG032335.D

Acq: 26 Jan 2018 19:22

Instrument :

BNA_G

ClientSampleId :

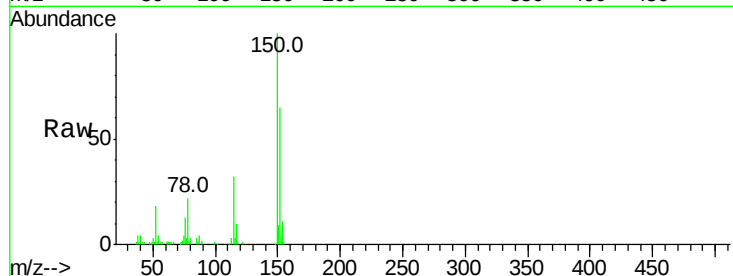
Tot Ion:152 Resp: 39564

Ion Ratio Lower Upper

152 100

150 155.0 126.6 189.8

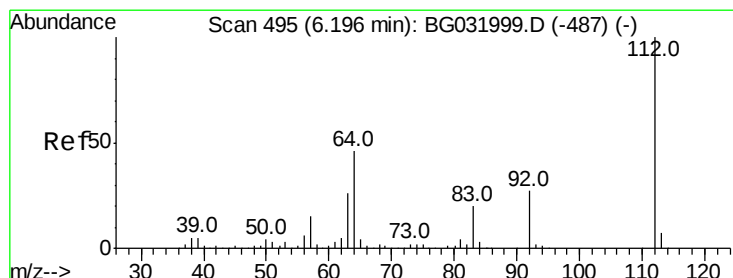
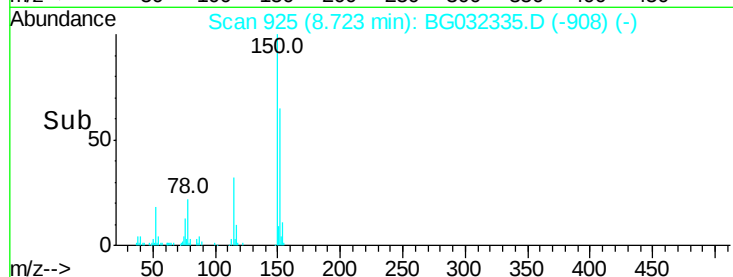
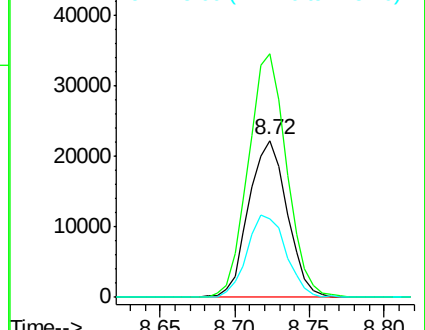
115 49.8 53.0 79.4#



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: 107.086 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032335.D

Acq: 26 Jan 2018 19:22

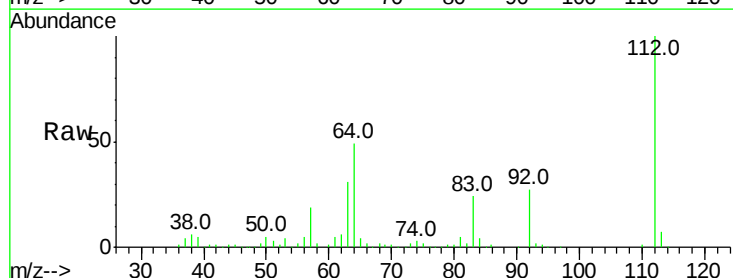
Tgt Ion:112 Resp: 231651

Ion Ratio Lower Upper

112 100

64 49.2 56.3 84.5#

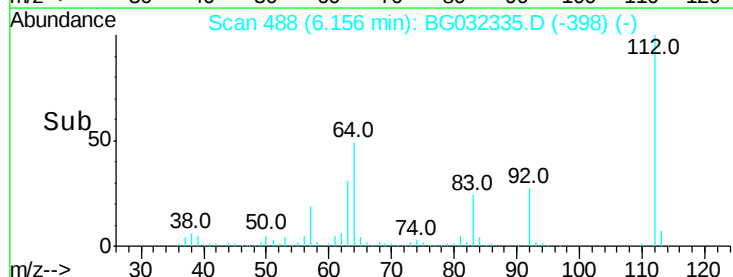
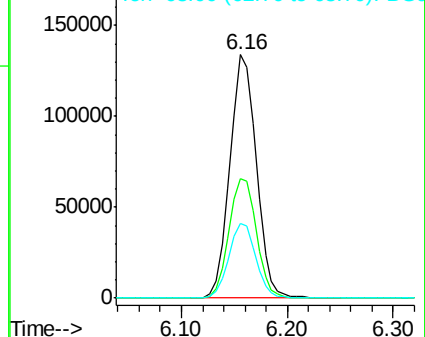
63 30.7 30.1 45.1

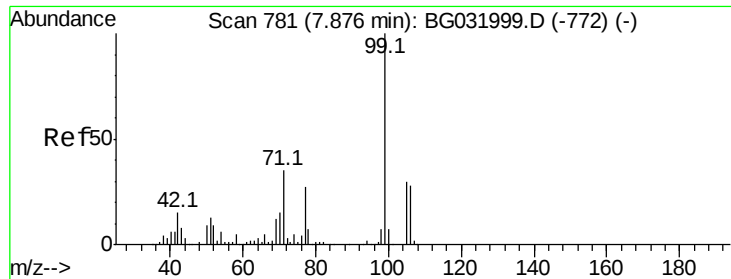


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 102.200 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032335.D

Acq: 26 Jan 2018 19:22

Instrument :

BNA_G

ClientSampleId :

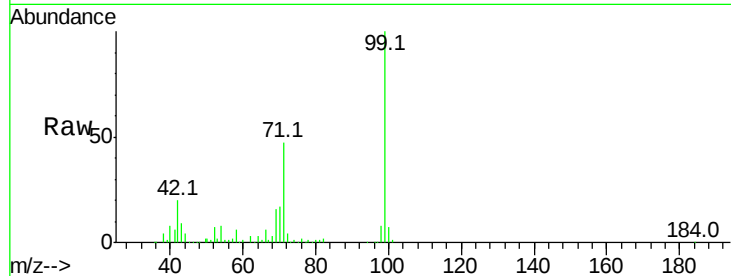
Tot Ion: 99 Resp: 278440

Ion Ratio Lower Upper

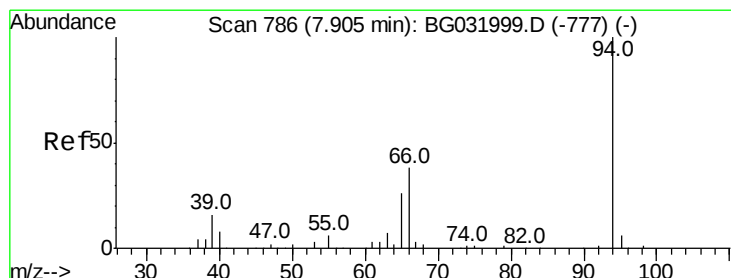
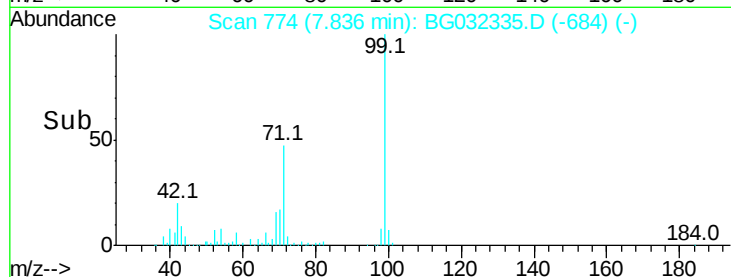
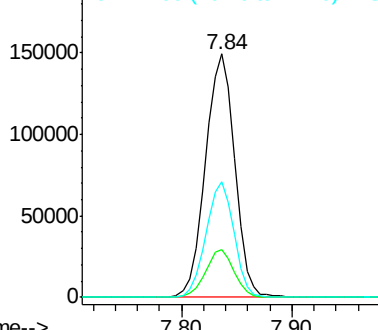
99 100

42 19.9 14.1 21.1

71 47.4 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: 3.968 ng

RT: 7.87 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032335.D

Acq: 26 Jan 2018 19:22

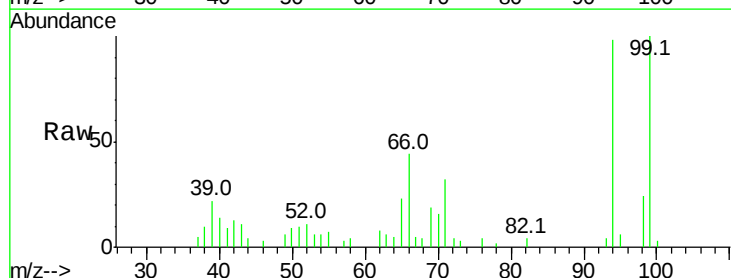
Tgt Ion: 94 Resp: 10648

Ion Ratio Lower Upper

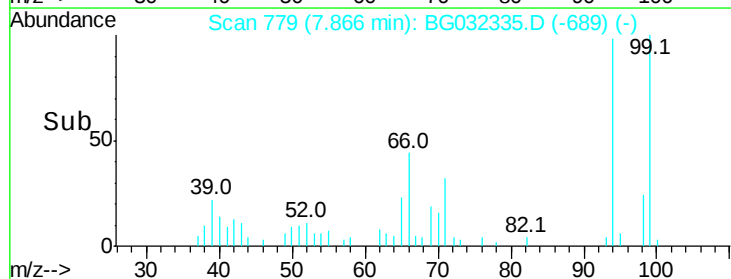
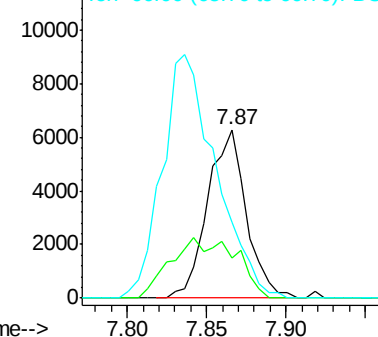
94 100

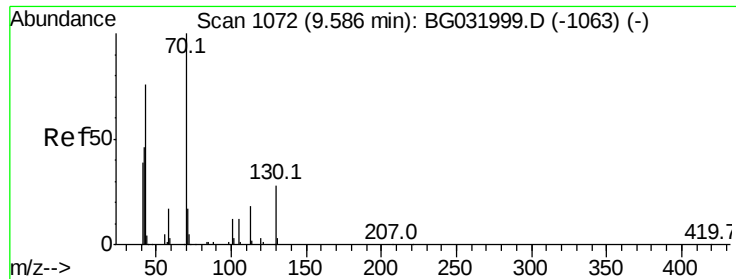
65 23.6 11.9 51.9

66 45.4 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

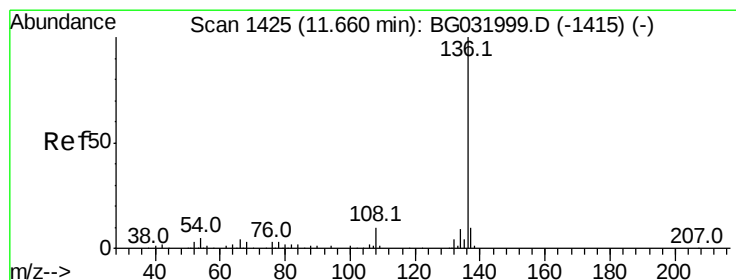
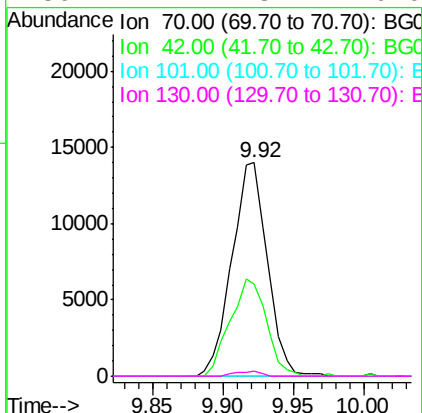
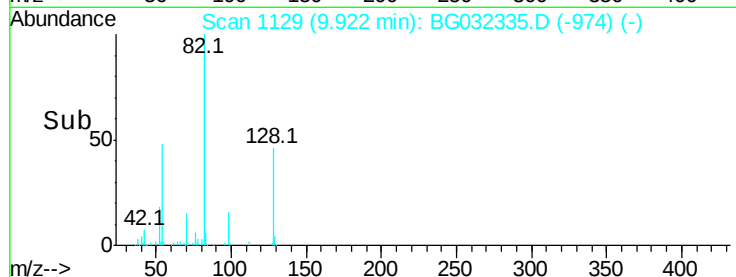
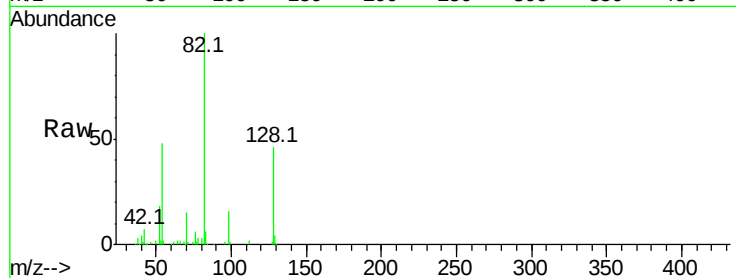




#19
n-Nitroso-di-n-propylamine
Concen: 14.511 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.38 min
Lab File: BG032335.D
Acq: 26 Jan 2018 19:22

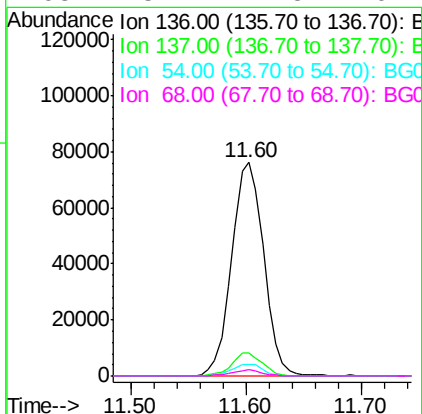
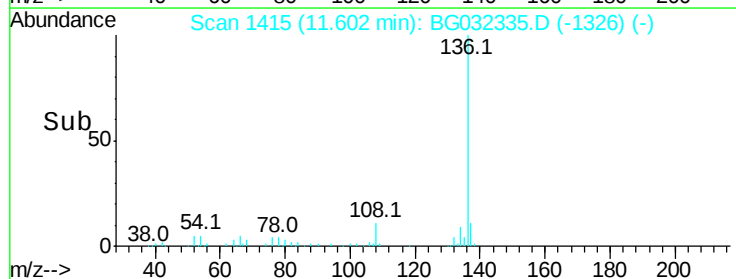
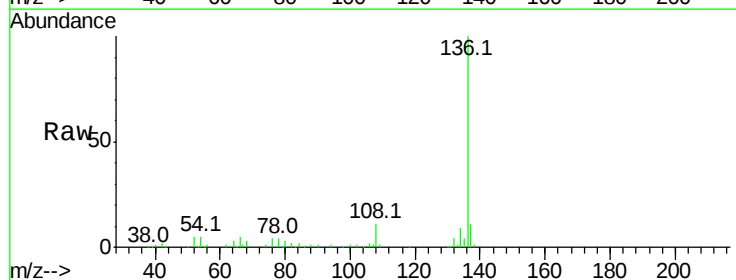
Instrument :
BNA_G
ClientSampleId :

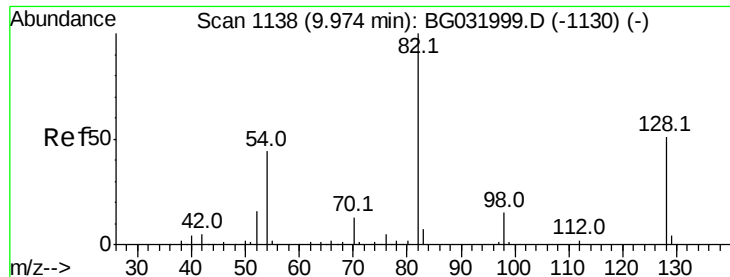
Tot Ion: 70 Resp: 24529
Ion Ratio Lower Upper
70 100
42 42.9 49.1 73.7#
101 0.0 8.5 12.7#
130 2.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032335.D
Acq: 26 Jan 2018 19:22

Tgt Ion: 136 Resp: 146166
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 5.4 10.3 15.5#
68 3.1 4.5 6.7#

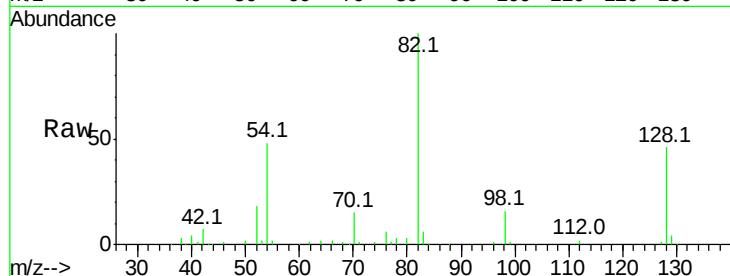




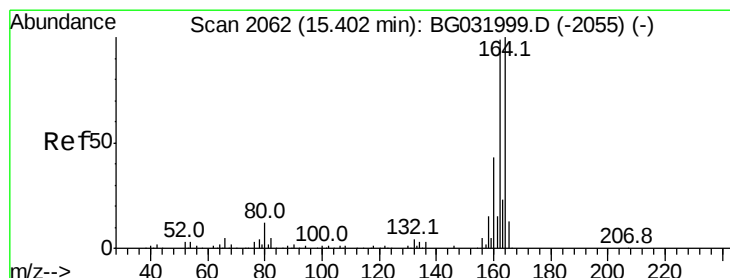
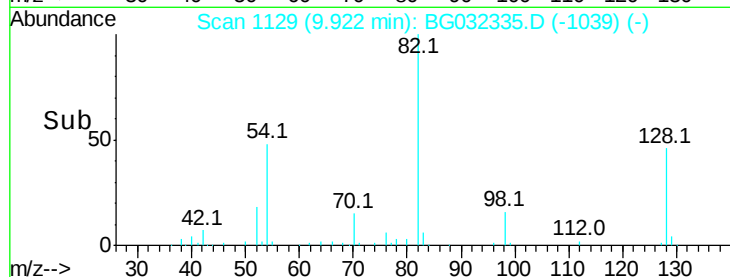
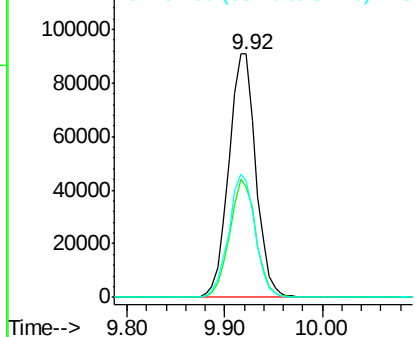
#23
 Nitrobenzene-d5
 Concen: 80.430 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BG032335.D
 Acq: 26 Jan 2018 19:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 173767
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 48.0 43.1 64.7

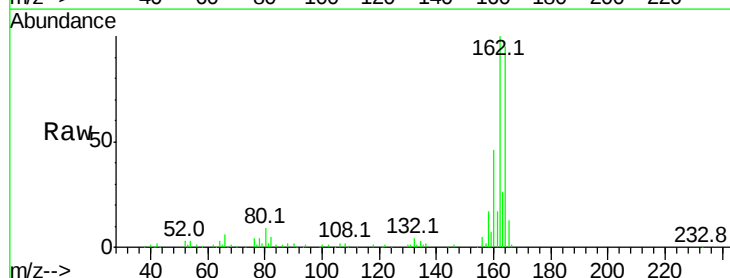


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

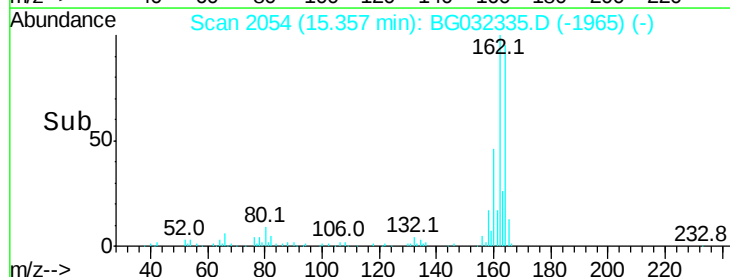
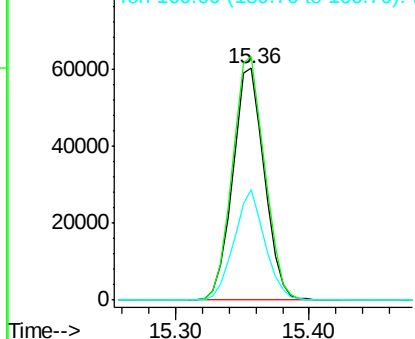


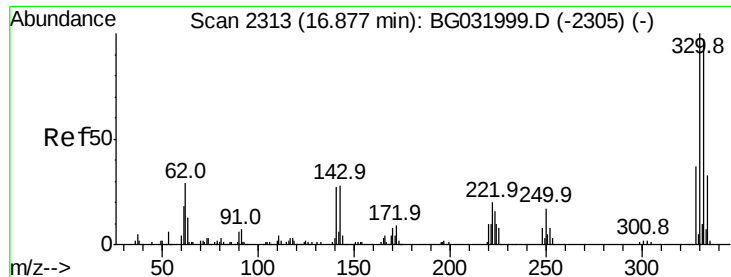
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG032335.D
 Acq: 26 Jan 2018 19:22

Tgt Ion:164 Resp: 98732
 Ion Ratio Lower Upper
 164 100
 162 105.0 78.8 118.2
 160 47.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

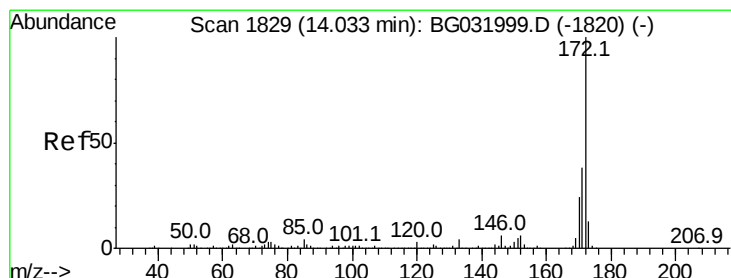
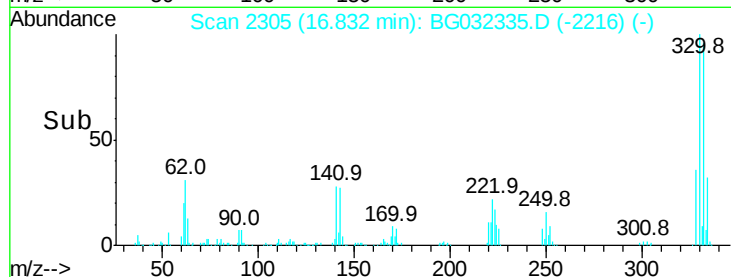
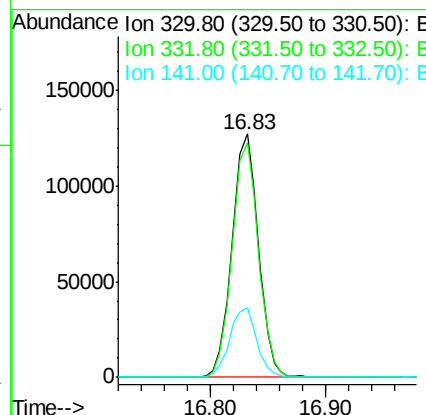
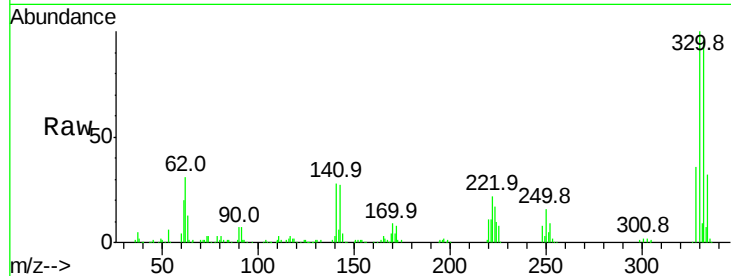




#41
 2,4,6-Tribromophenol
 Concen: 123.093 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032335.D
 Acq: 26 Jan 2018 19:22

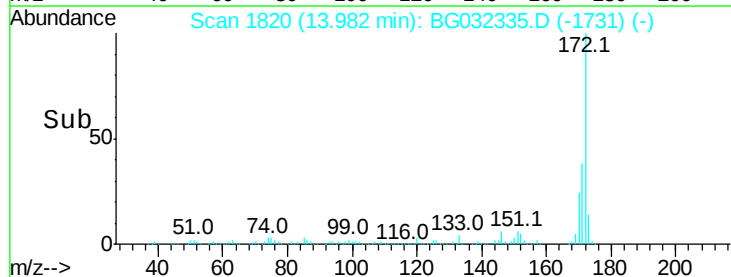
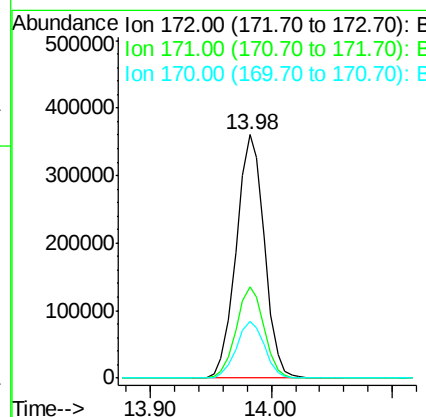
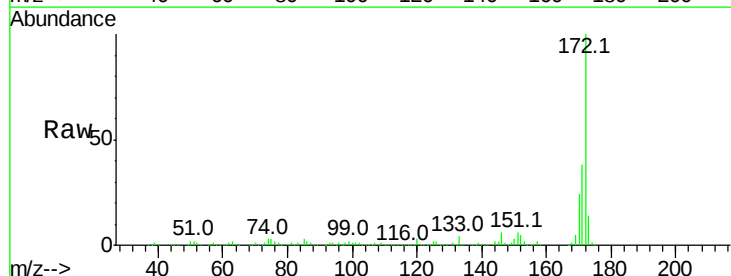
Instrument :
 BNA_G
 ClientSampleId :

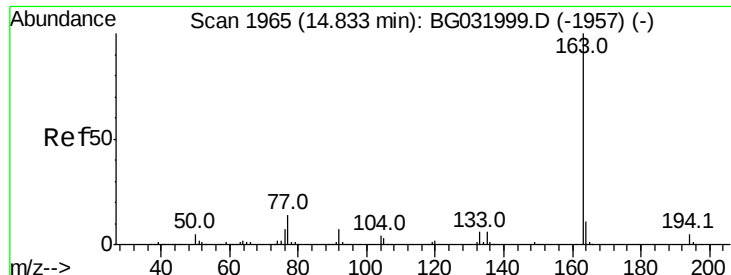
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 73.228 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032335.D
 Acq: 26 Jan 2018 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.5	19.5	29.3





#49

Dimethylphthalate

Concen: 7.883 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG032335.D

Acq: 26 Jan 2018 19:22

Instrument :

BNA_G

ClientSampleId :

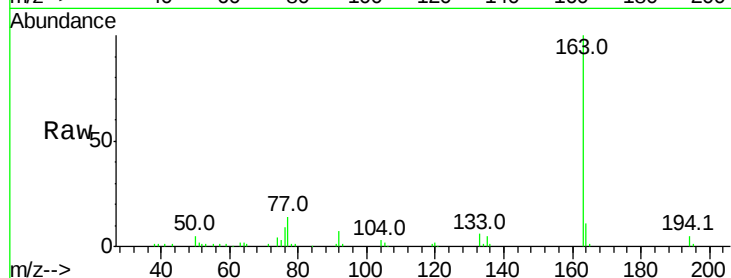
Tot Ion:163 Resp: 68110

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

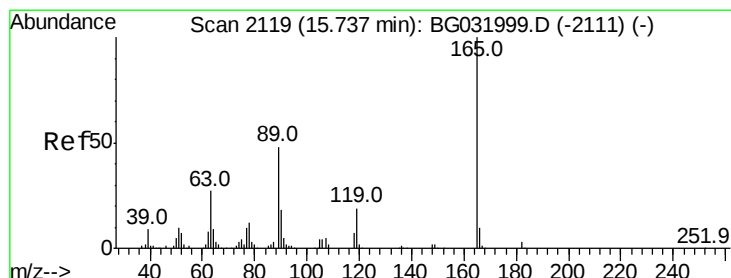
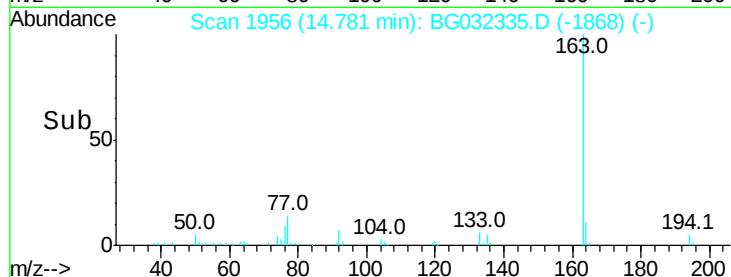
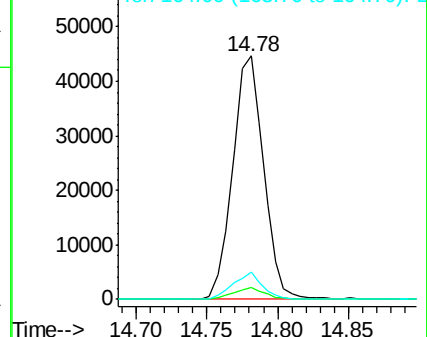
164 11.0 8.2 12.4



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: 5.478 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.34 min

Lab File: BG032335.D

Acq: 26 Jan 2018 19:22

Tgt Ion:165 Resp: 13225

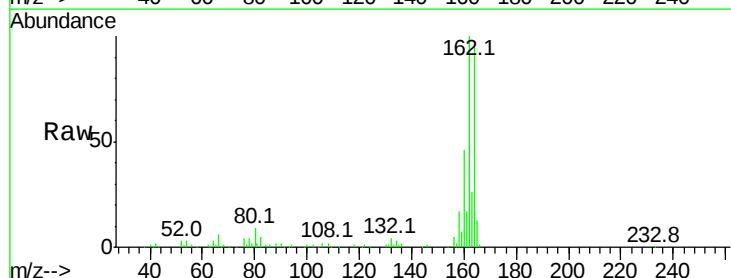
Ion Ratio Lower Upper

165 100

63 2.6 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

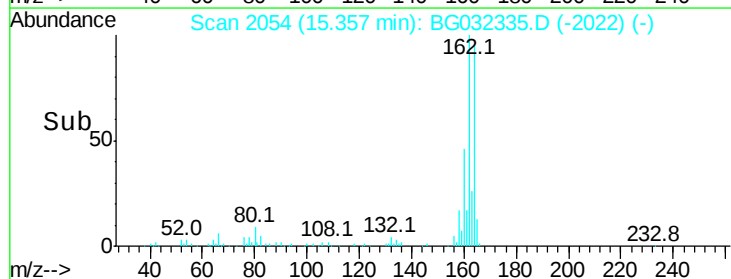
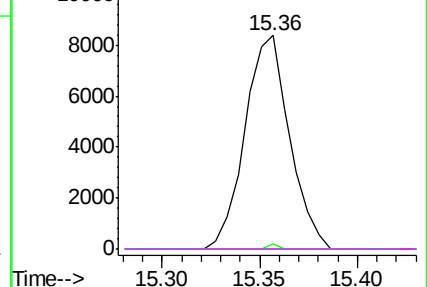


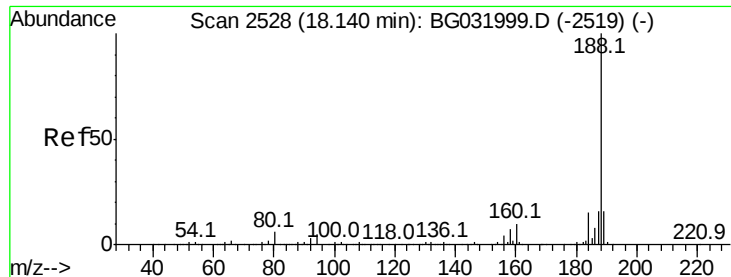
Abundance Ion 165.00 (164.70 to 165.70): E

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

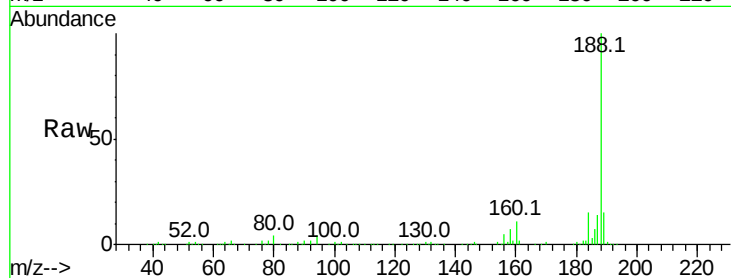




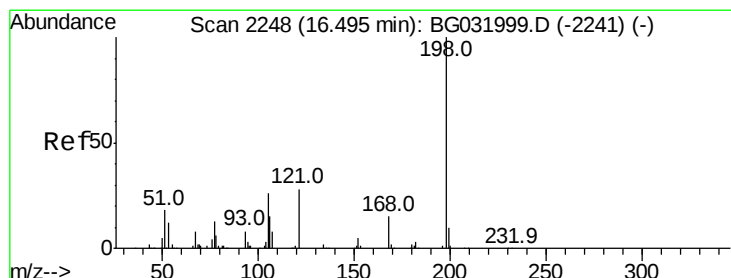
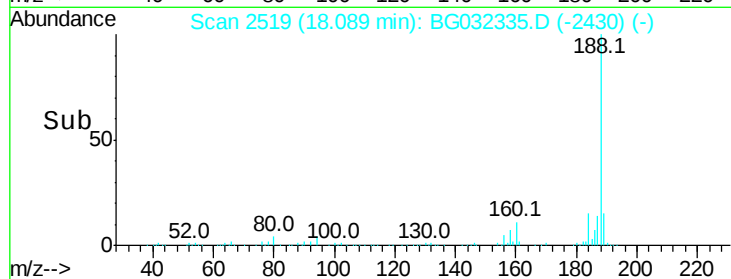
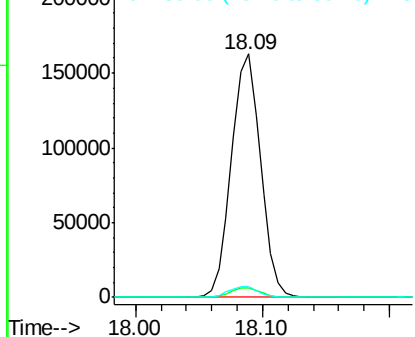
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032335.D
Acq: 26 Jan 2018 19:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 259785
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 4.2 7.7 11.5#

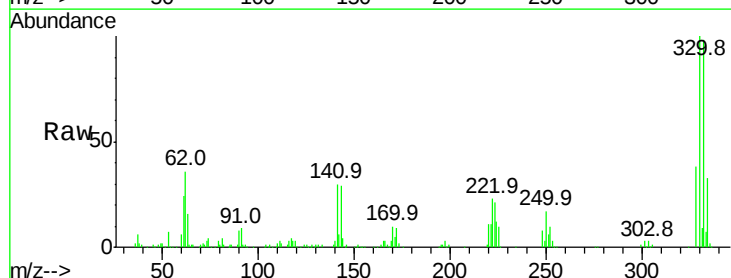


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

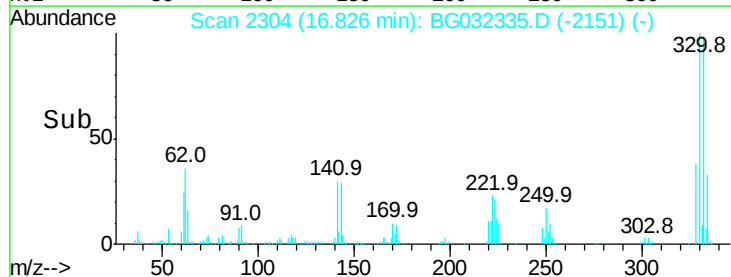
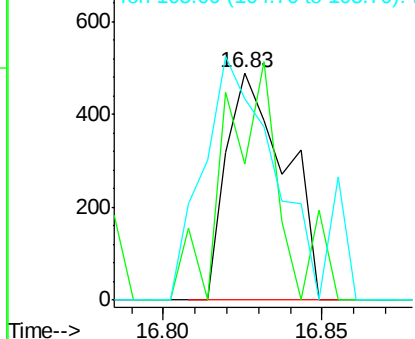


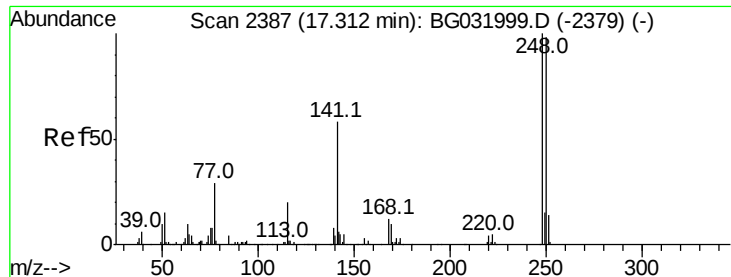
#64
4,6-Dinitro-2-methylphenol
Concen: 5.226 ng
RT: 16.83 min Scan# 2304
Delta R.T. 0.37 min
Lab File: BG032335.D
Acq: 26 Jan 2018 19:22

Tgt Ion:198 Resp: 632
Ion Ratio Lower Upper
198 100
51 60.0 30.6 70.6
105 88.8 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

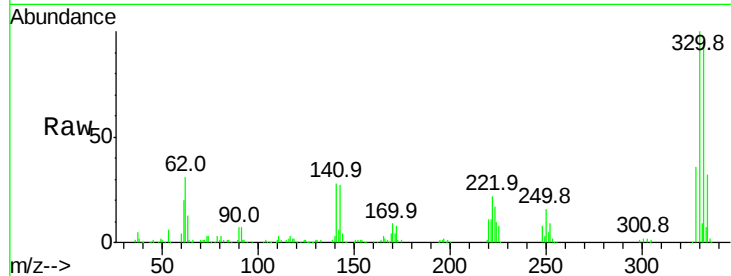




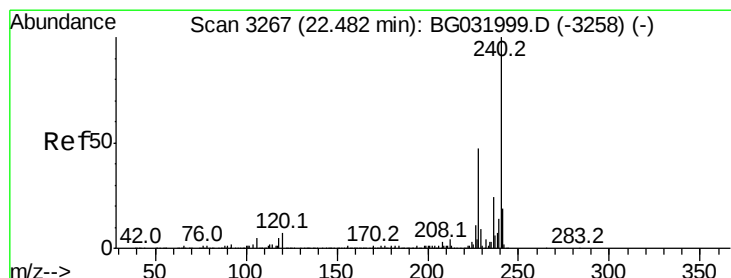
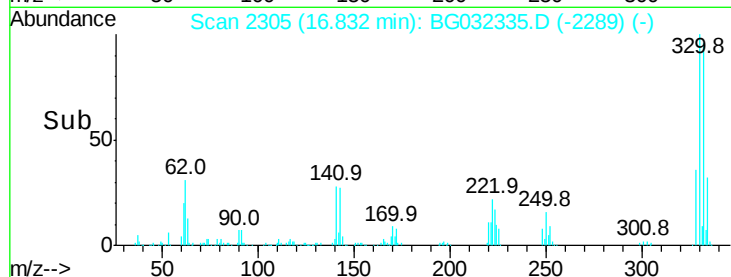
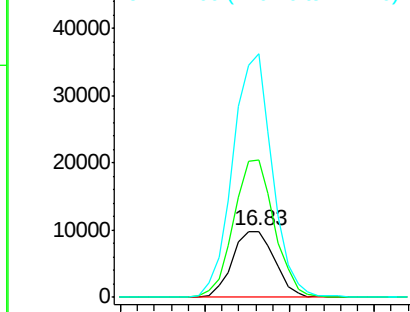
#66
4-Bromophenyl-phenylether
Concen: 4.606 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.43 min
Lab File: BG032335.D
Acq: 26 Jan 2018 19:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 17026
Ion Ratio Lower Upper
248 100
250 208.2 77.1 115.7#
141 368.6 50.8 76.2#

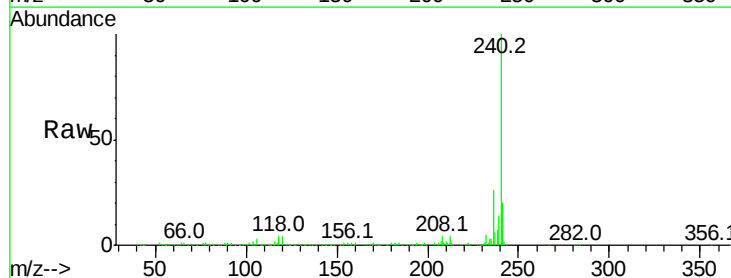


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

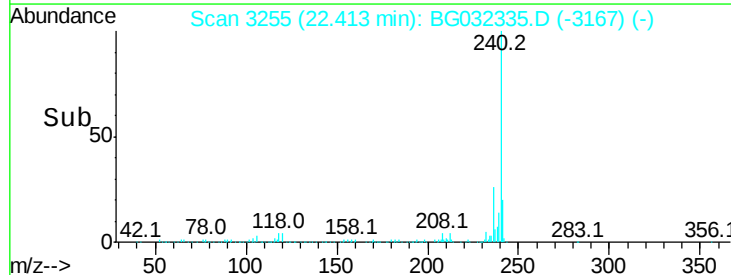
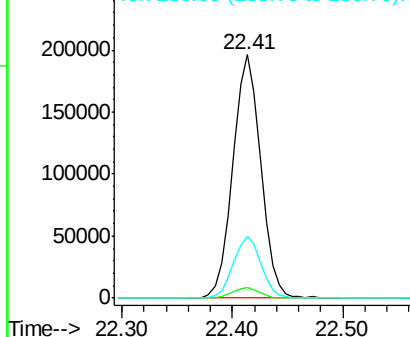


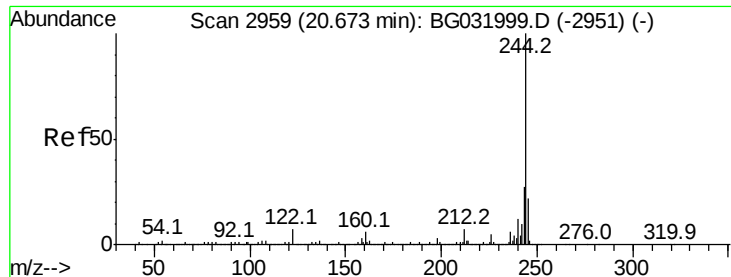
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032335.D
Acq: 26 Jan 2018 19:22

Tgt Ion:240 Resp: 348699
Ion Ratio Lower Upper
240 100
120 4.2 6.8 10.2#
236 25.7 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: 70.802 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032335.D

Acq: 26 Jan 2018 19:22

Instrument :

BNA_G

ClientSampleId :

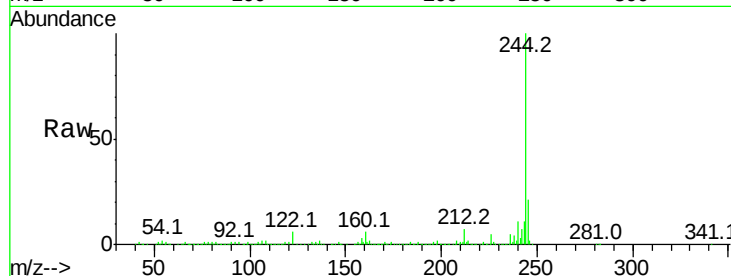
Tot Ion:244 Resp: 1118125

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

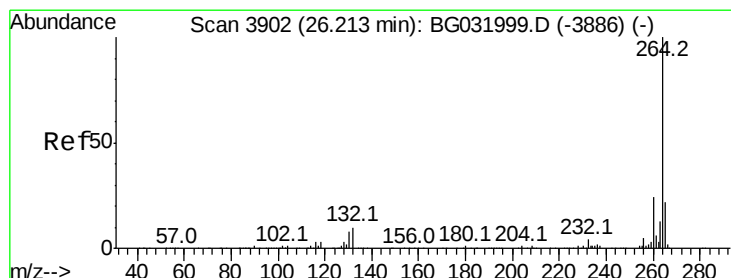
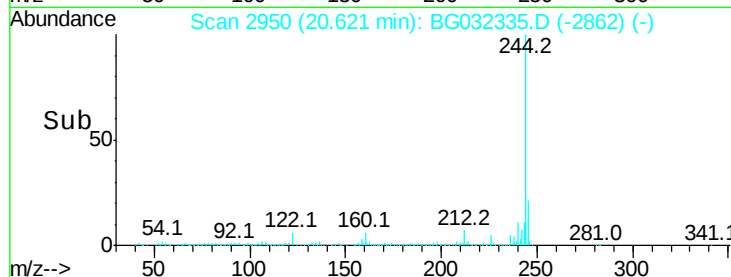
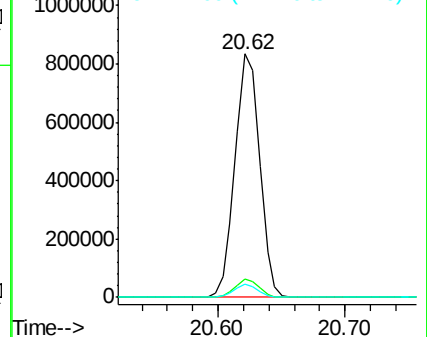
122 5.6 7.0 10.4#



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: 26.09 min Scan# 3880

Delta R.T. -0.02 min

Lab File: BG032335.D

Acq: 26 Jan 2018 19:22

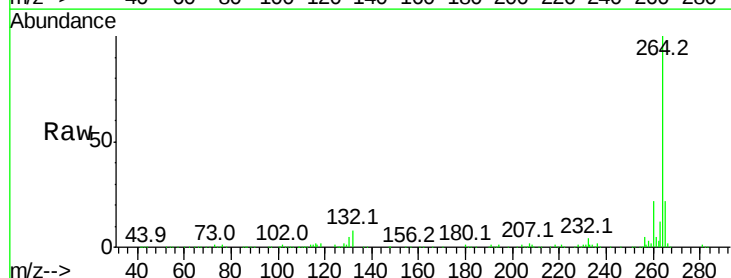
Tgt Ion:264 Resp: 373487

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 21.7 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

