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 Data File : BG032251.D
 Acq On : 24 Jan 2018 8:04
 Operator : SJ/JU
 Sample : J1249-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-2(0-2)

Quant Time: Jan 24 09:59:31 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

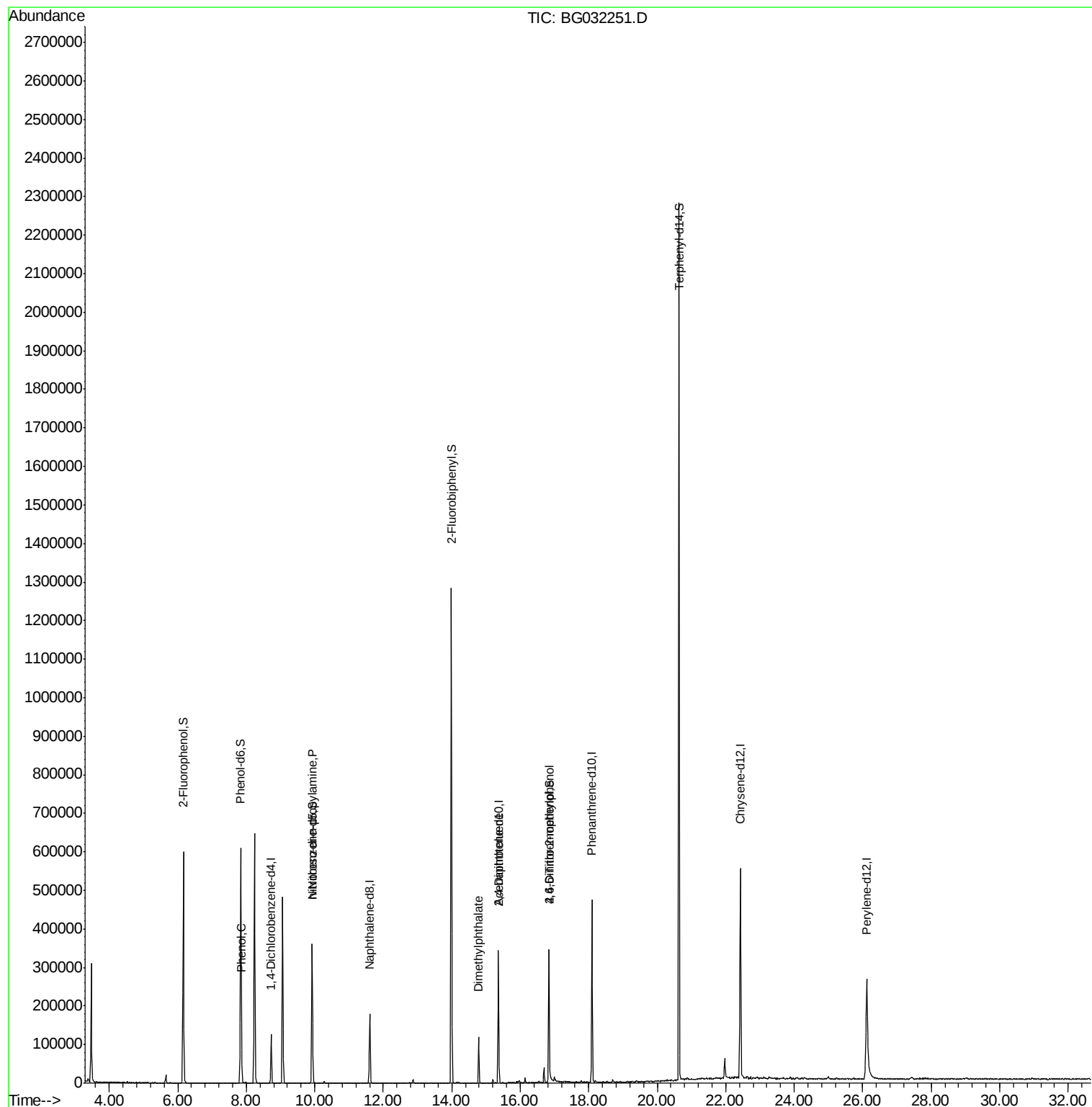
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	41306	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	178348	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	127304	20.00	ng	-0.02
63) Phenanthrene-d10	18.09	188	314281	20.00	ng	-0.02
75) Chrysene-d12	22.42	240	406010	20.00	ng	-0.03
86) Perylene-d12	26.11	264	433087	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	300283	132.96	ng	0.00
7) Phenol-d6	7.84	99	383180	134.71	ng	-0.01
23) Nitrobenzene-d5	9.92	82	226990	86.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.84	330	88979	42.24	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	752358	73.28	ng	-0.02
78) Terphenyl-d14	20.63	244	1197169	65.11	ng	-0.02
Target Compounds						
10) Phenol	7.86	94	17474	6.236	ng	84
19) n-Nitroso-di-n-propylamine	9.92	70	31511	17.855	ng	# 74
49) Dimethylphthalate	14.79	163	89058	7.994	ng	96
56) 2,4-Dinitrotoluene	15.36	165	16690	5.361	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.83	198	135	4.945	ng	# 2

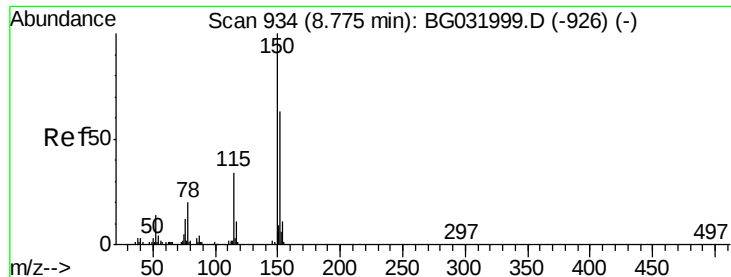
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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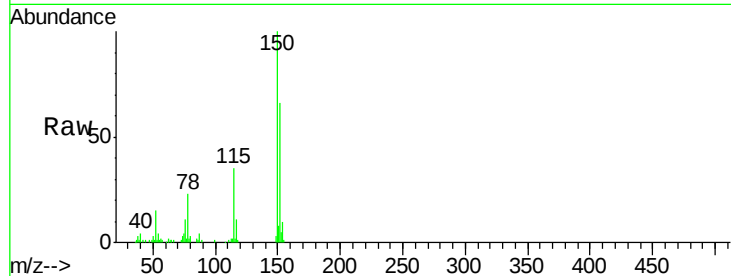


#1

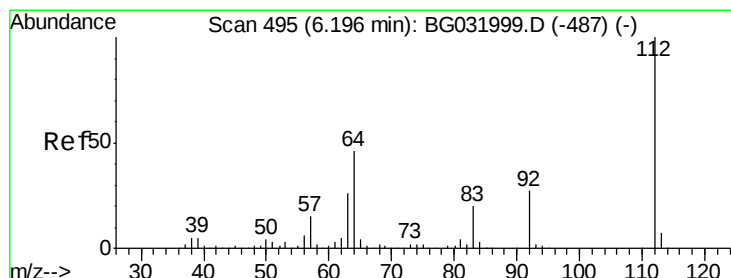
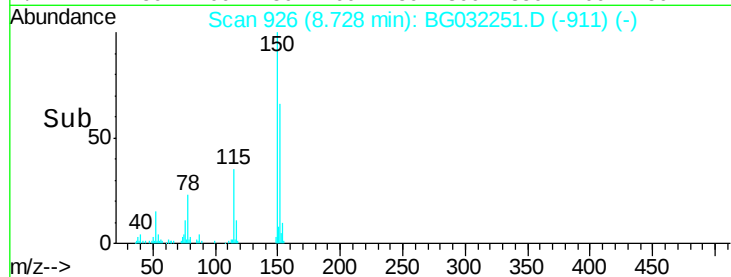
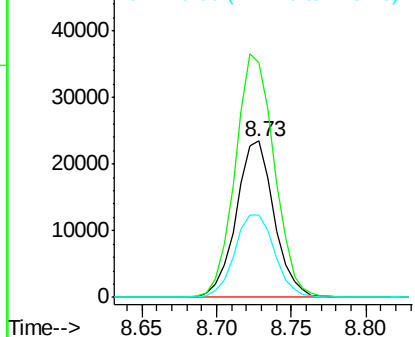
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG032251.D
Acq: 24 Jan 2018 8:04

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)

Tgt Ion:152 Resp: 41306
Ion Ratio Lower Upper
152 100
150 150.6 126.6 189.8
115 53.1 53.0 79.4



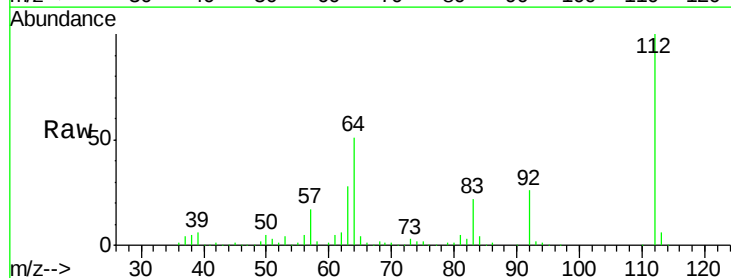
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



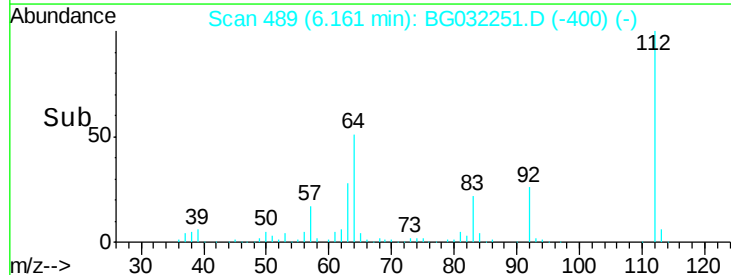
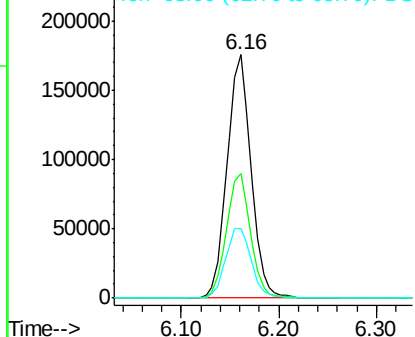
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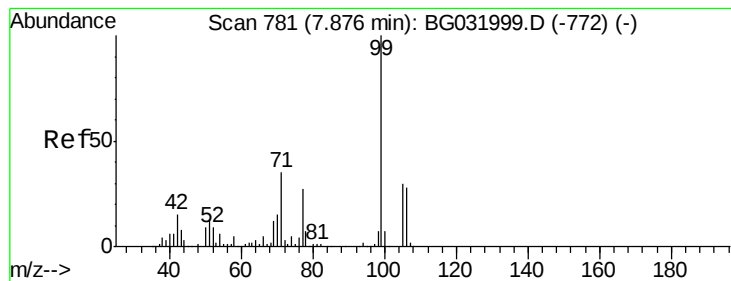
2-Fluorophenol
Concen: 132.958 ng
RT: 6.16 min Scan# 489
Delta R.T. -0.01 min
Lab File: BG032251.D
Acq: 24 Jan 2018 8:04

Tgt Ion:112 Resp: 300283
Ion Ratio Lower Upper
112 100
64 51.0 56.3 84.5#
63 28.4 30.1 45.1#



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





#7

Phenol-d6

Concen: 134.713 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

Instrument :

BNA_G

ClientSampleId :

AB-2(0-2)

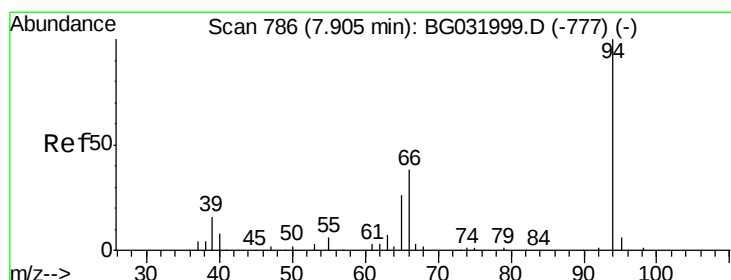
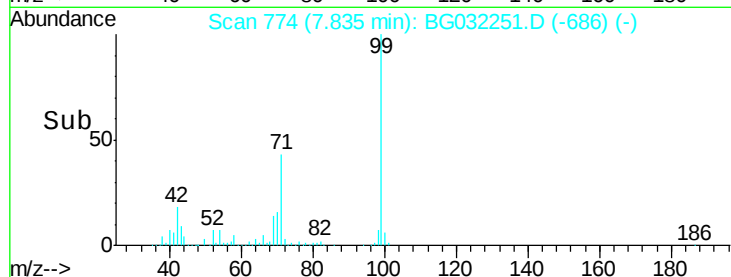
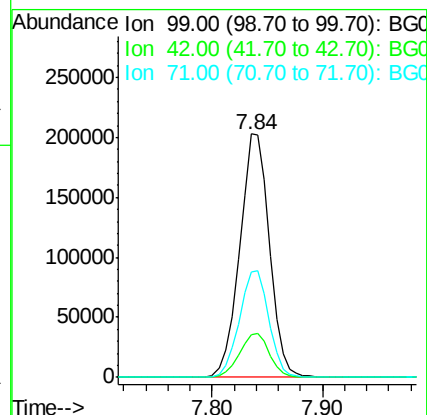
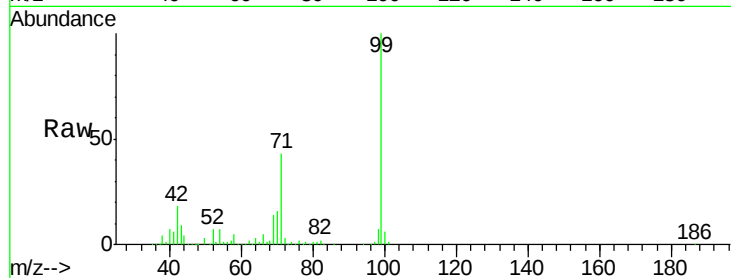
Tgt Ion: 99 Resp: 383180

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

71 43.3 26.1 39.1#



#10

Phenol

Concen: 6.236 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

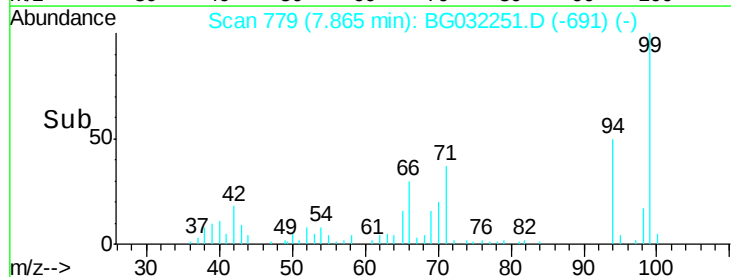
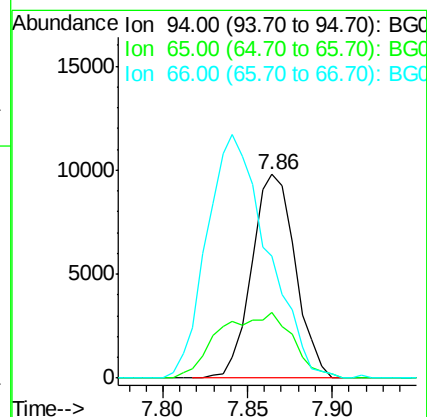
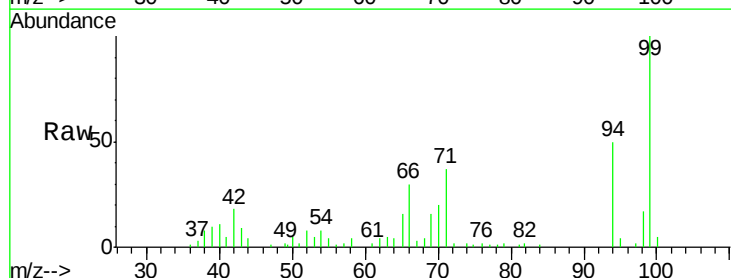
Tgt Ion: 94 Resp: 17474

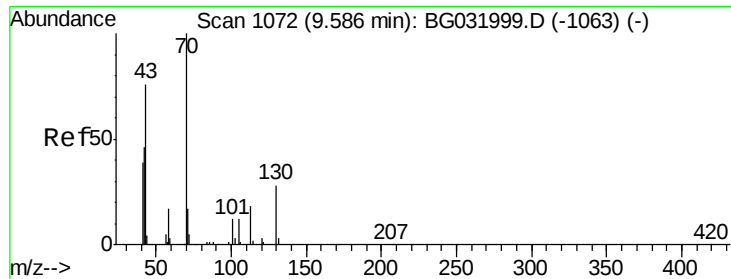
Ion Ratio Lower Upper

94 100

65 32.2 11.9 51.9

66 60.1 22.2 62.2

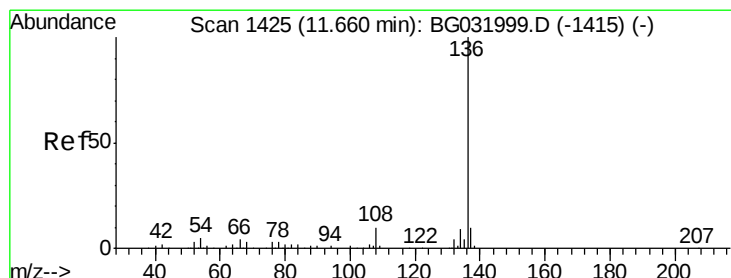
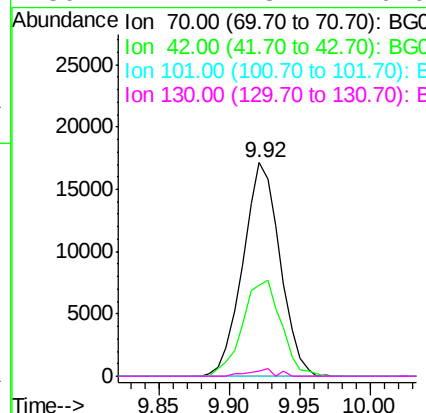
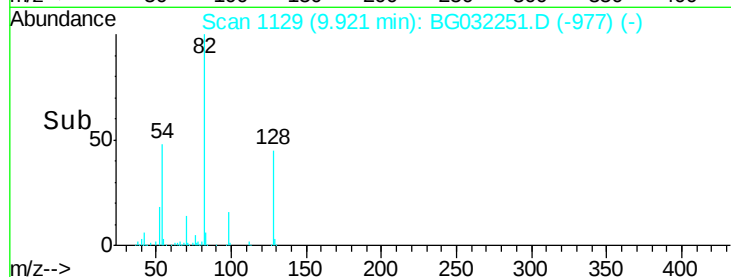
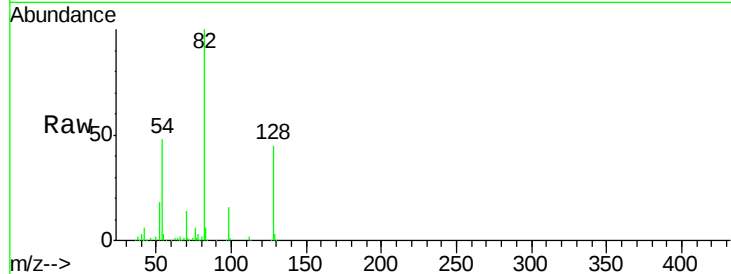




#19
n-Nitroso-di-n-propylamine
Concen: 17.855 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.36 min
Lab File: BG032251.D
Acq: 24 Jan 2018 8:04

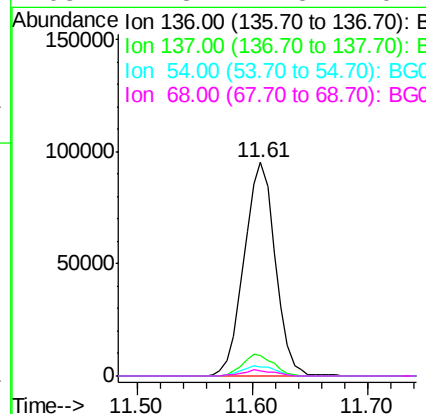
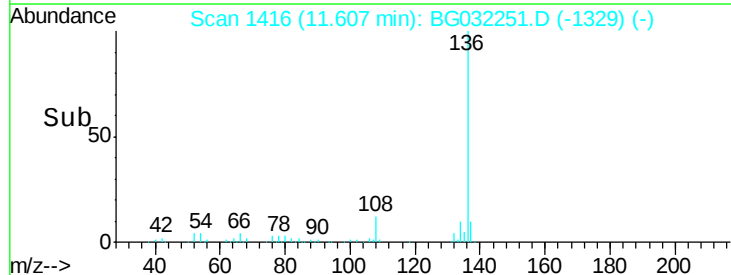
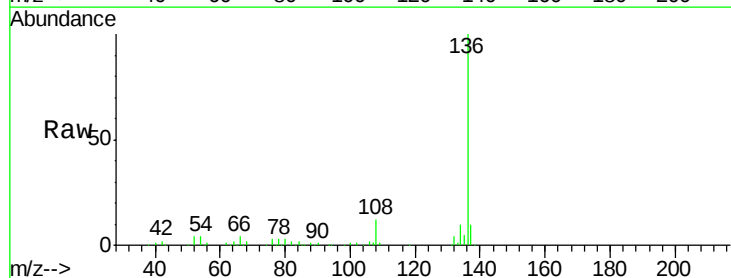
Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)

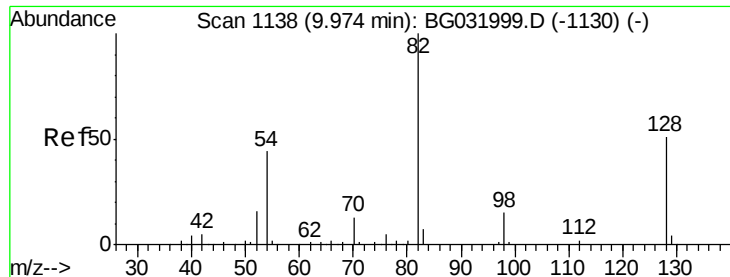
Tgt Ion:	70	Resp:	31511
Ion	Ratio	Lower	Upper
70	100		
42	42.8	49.1	73.7#
101	0.0	8.5	12.7#
130	2.7	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BG032251.D
Acq: 24 Jan 2018 8:04

Tgt Ion:	136	Resp:	178348
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	4.3	10.3	15.5#
68	2.3	4.5	6.7#

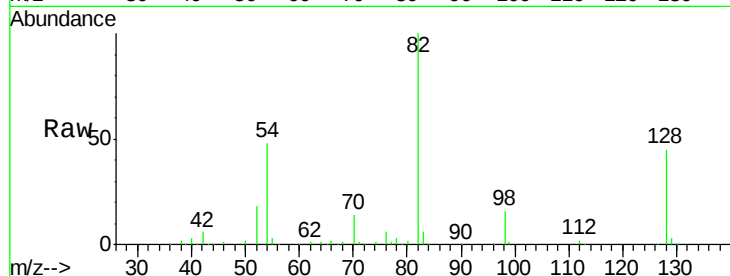




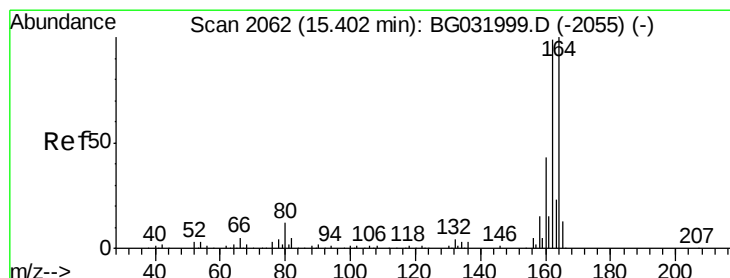
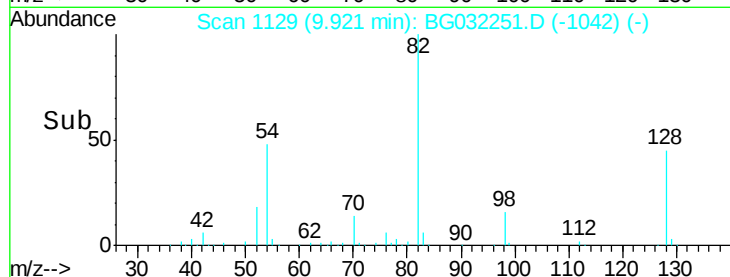
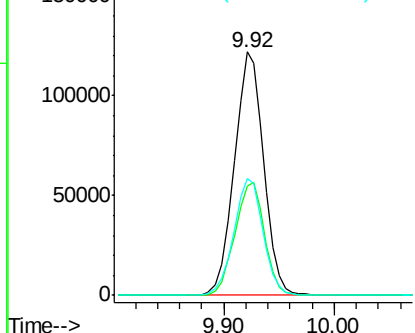
#23
Nitrobenzene-d5
Concen: 86.106 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BG032251.D
Acq: 24 Jan 2018 8:04

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)

Tgt Ion: 82 Resp: 226990
Ion Ratio Lower Upper
82 100
128 45.1 29.7 44.5#
54 47.9 43.1 64.7

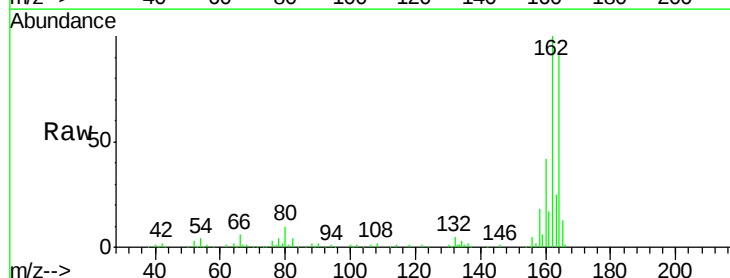


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

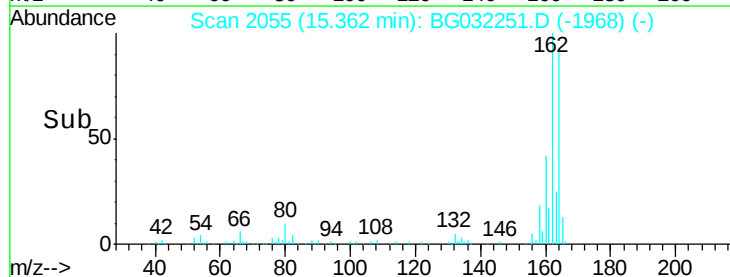
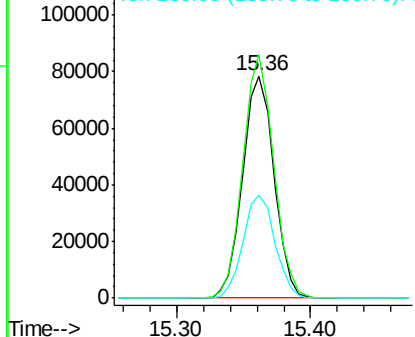


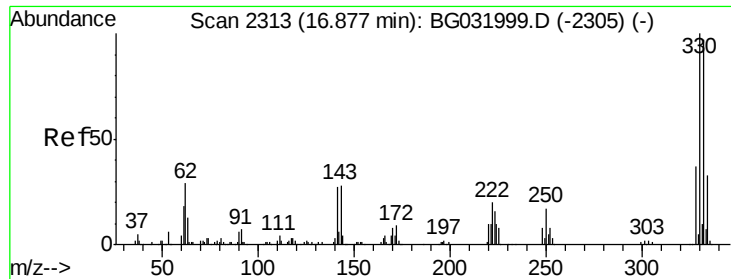
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG032251.D
Acq: 24 Jan 2018 8:04

Tgt Ion: 164 Resp: 127304
Ion Ratio Lower Upper
164 100
162 109.6 78.8 118.2
160 46.3 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

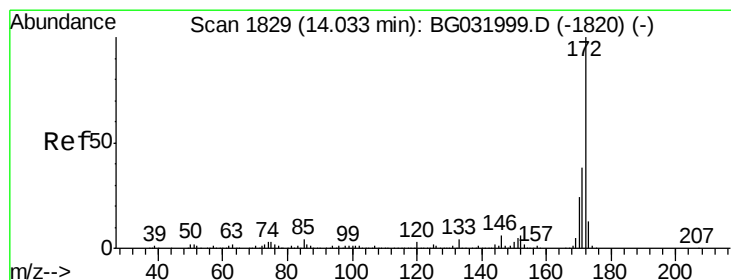
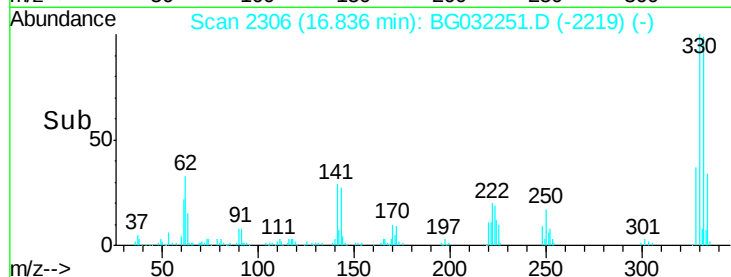
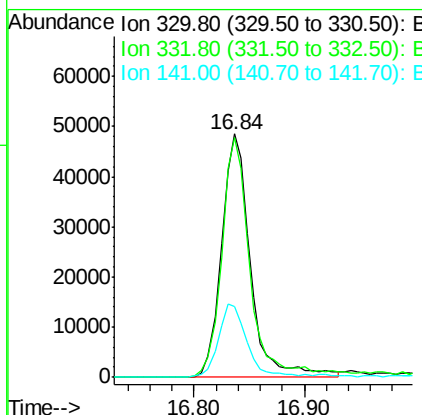
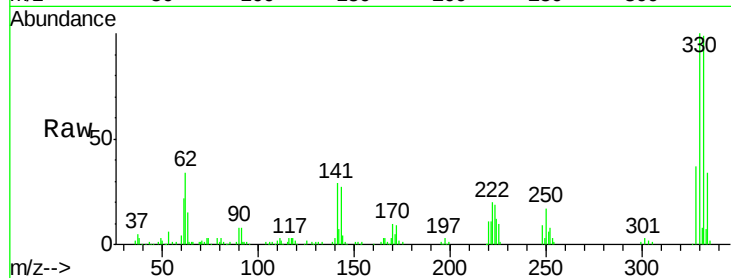




#41
 2,4,6-Tribromophenol
 Concen: 42.239 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG032251.D
 Acq: 24 Jan 2018 8:04

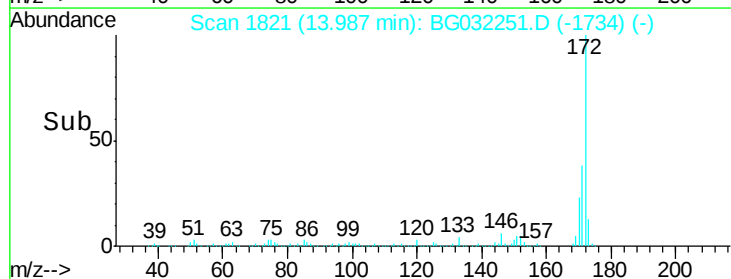
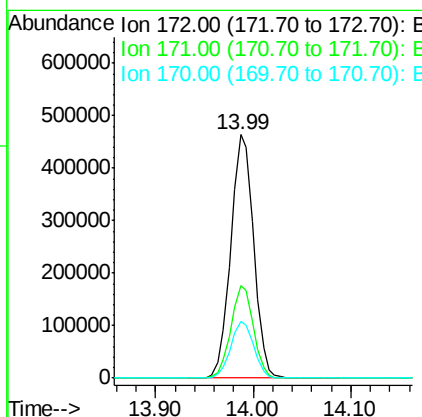
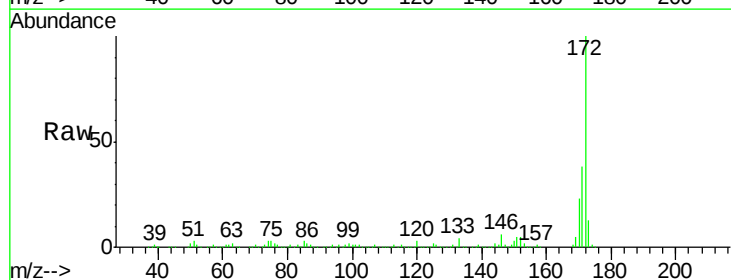
Instrument :
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 ClientSampleId :
 AB-2(0-2)

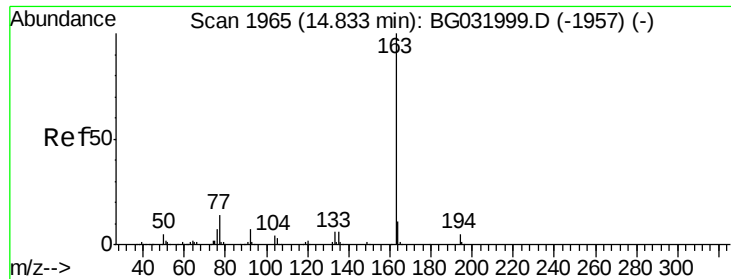
Tgt Ion:330 Resp: 88979
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 29.9 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 73.280 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BG032251.D
 Acq: 24 Jan 2018 8:04

Tgt Ion:172 Resp: 752358
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 23.2 19.5 29.3





#49

Dimethylphthalate

Concen: 7.994 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.03 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

Instrument :

BNA_G

ClientSampleId :

AB-2(0-2)

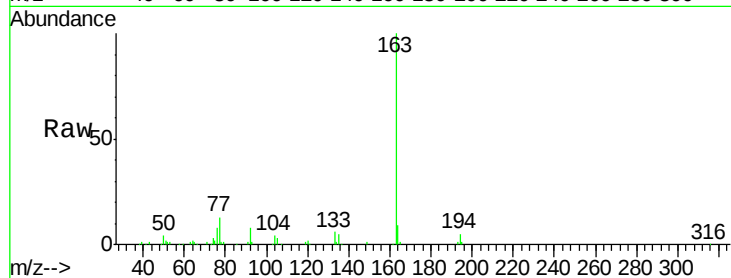
Tgt Ion:163 Resp: 89058

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

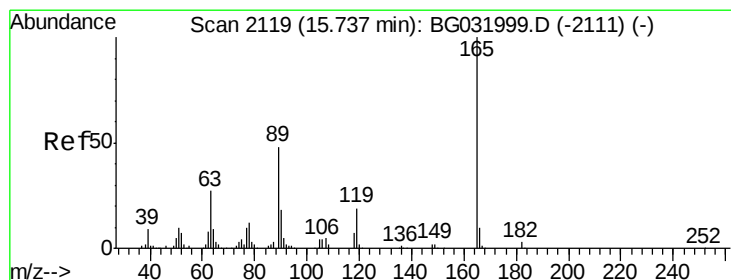
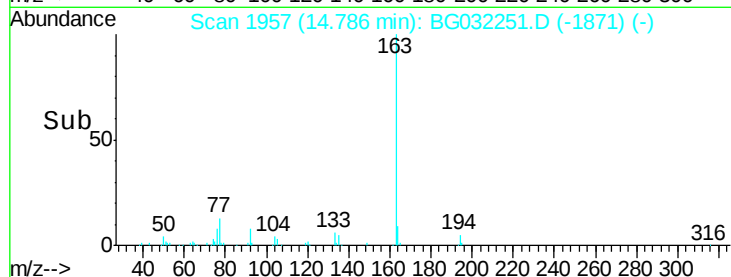
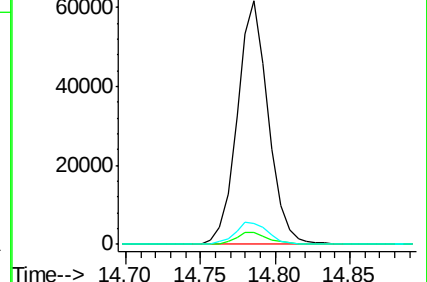
164 8.6 8.2 12.4



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: 5.361 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.35 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

Tgt Ion:165 Resp: 16690

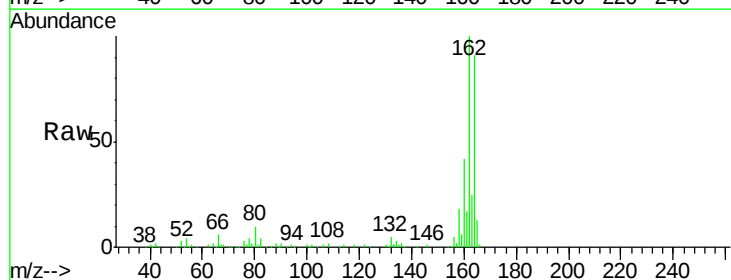
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 1.5 66.9 100.3#

182 0.0 2.6 3.8#

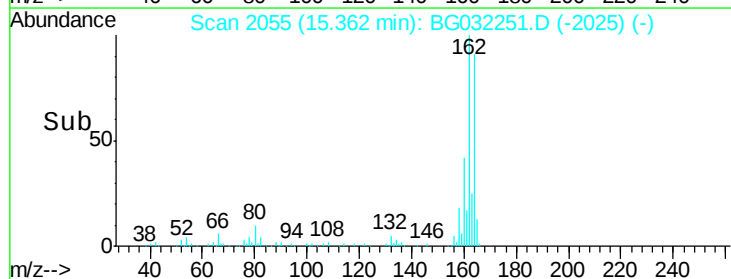
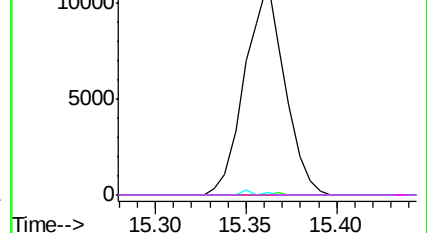


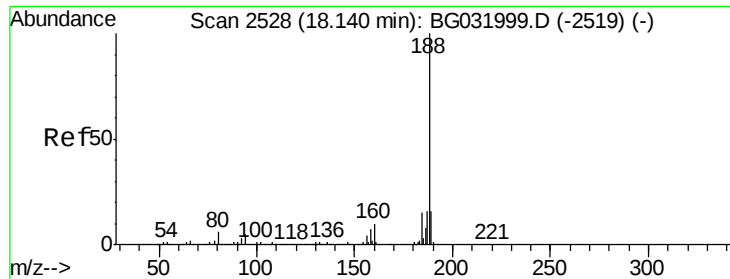
Abundance Ion 165.00 (164.70 to 165.70): E

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

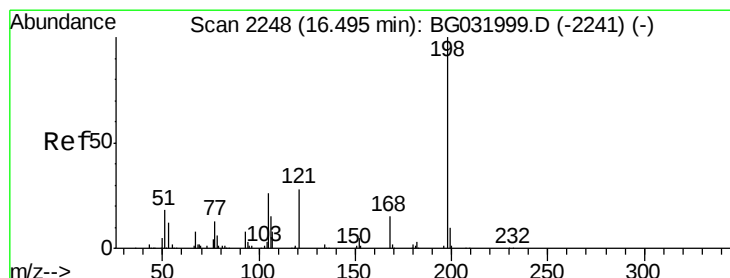
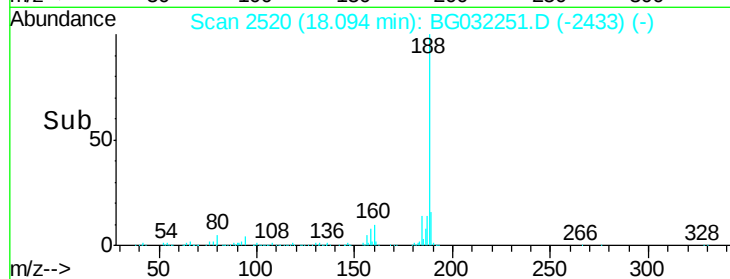
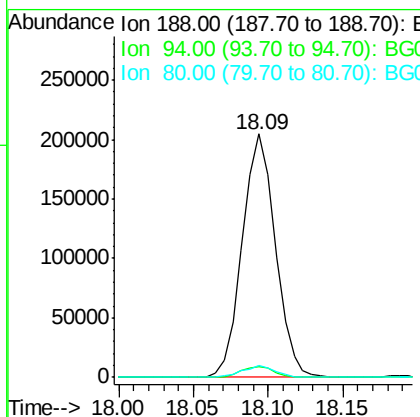
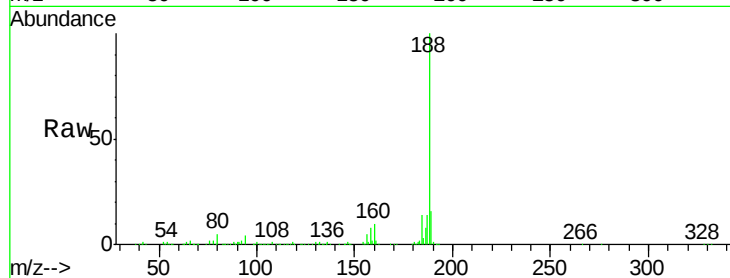




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2520
 Delta R.T. -0.02 min
 Lab File: BG032251.D
 Acq: 24 Jan 2018 8:04

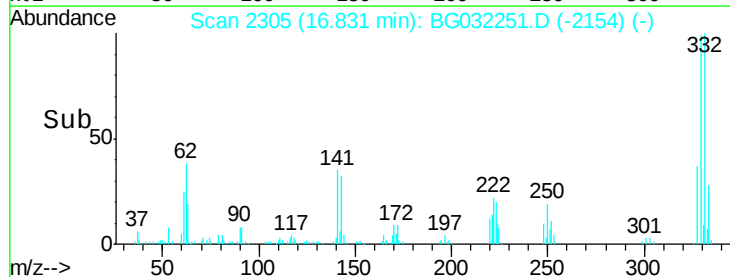
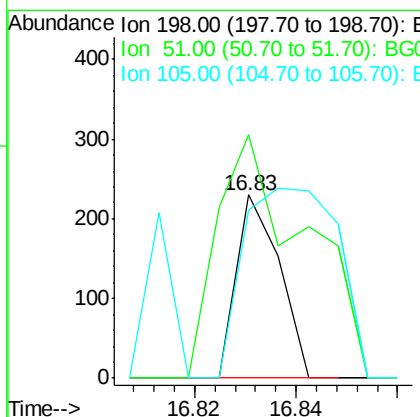
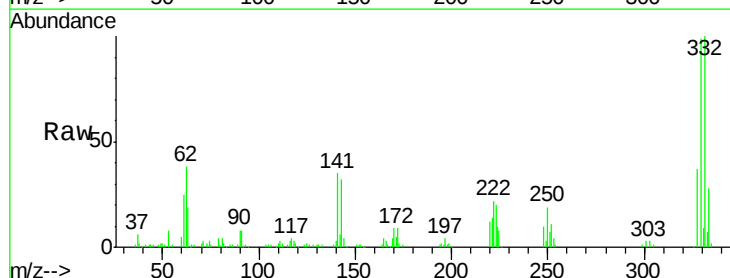
Instrument :
 BNA_G
 ClientSampleId :
 AB-2(0-2)

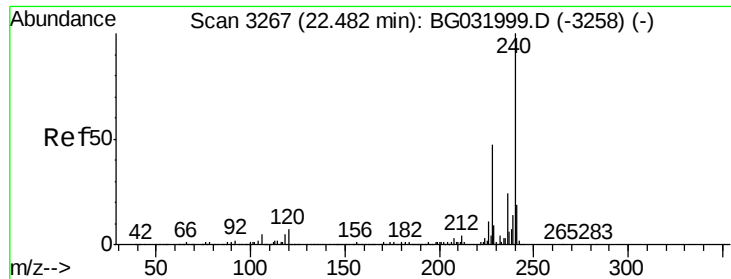
Tgt Ion:188 Resp: 314281
 Ion Ratio Lower Upper
 188 100
 94 4.3 6.9 10.3#
 80 4.8 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.945 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. 0.36 min
 Lab File: BG032251.D
 Acq: 24 Jan 2018 8:04

Tgt Ion:198 Resp: 135
 Ion Ratio Lower Upper
 198 100
 51 133.0 30.6 70.6#
 105 91.7 23.8 63.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3257

Delta R.T. -0.03 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

Instrument :

BNA_G

ClientSampleId :

AB-2(0-2)

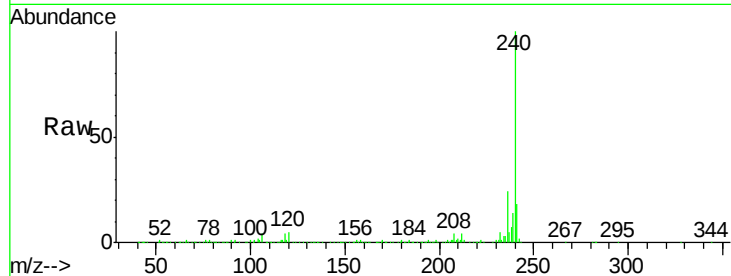
Tgt Ion:240 Resp: 406010

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

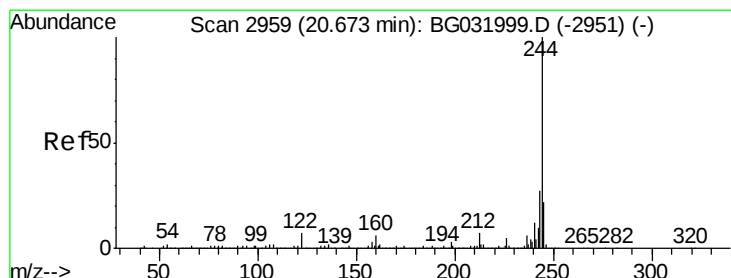
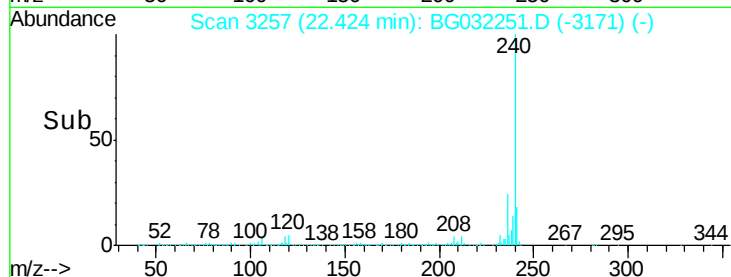
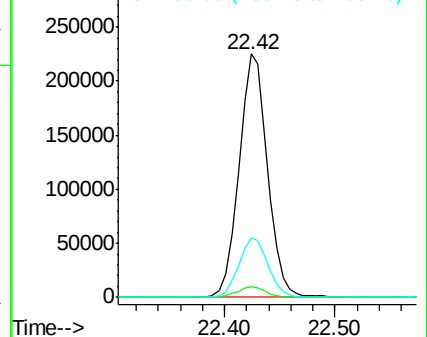
236 24.5 20.9 31.3



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: 65.107 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

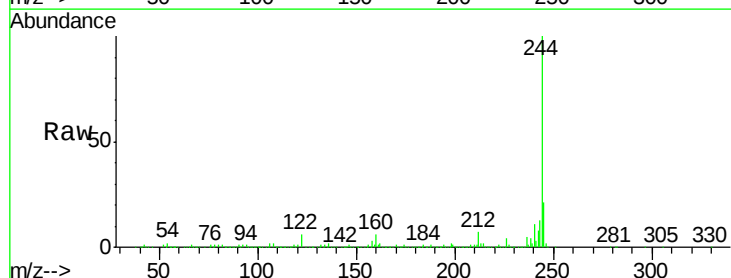
Tgt Ion:244 Resp: 1197169

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

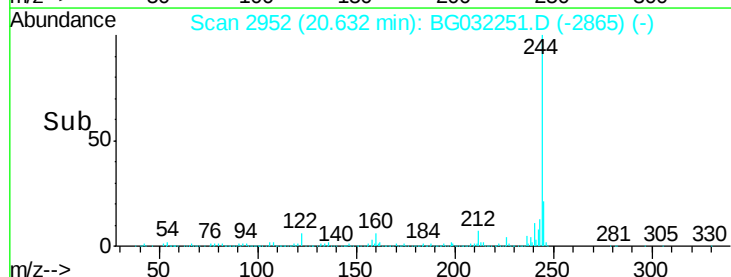
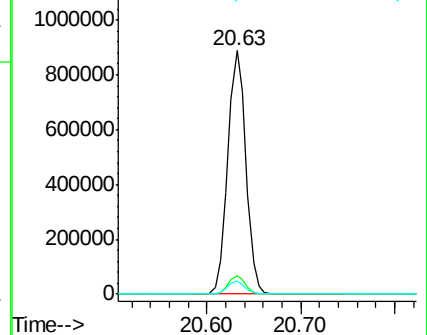
122 5.7 7.0 10.4#

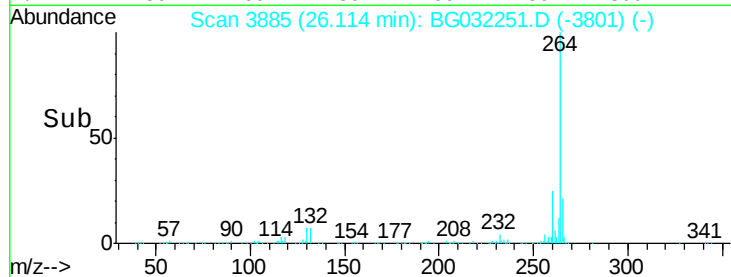
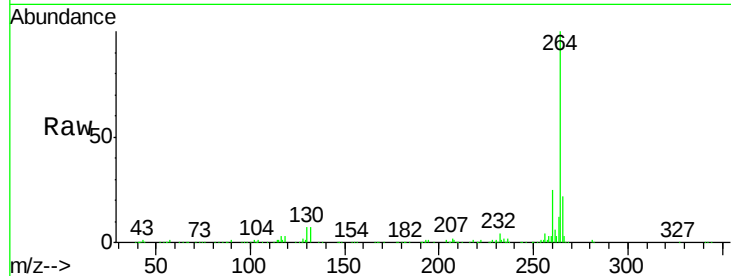
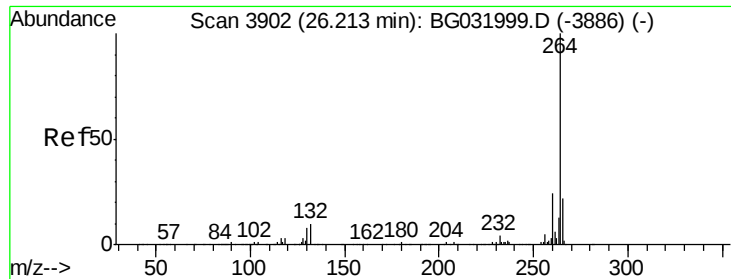


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.11 min Scan# 3885

Delta R.T. -0.04 min

Lab File: BG032251.D

Acq: 24 Jan 2018 8:04

Instrument :

BNA_G

ClientSampleId :

AB-2(0-2)

Tgt Ion: 264 Resp: 433087

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 21.5 17.7 26.5

