

Data File : BG033407.D
Acq On : 29 Mar 2018 5:43
Operator : SJ/JU
Sample : PB107704BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107704BL

Quant Time: Mar 29 06:36:33 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37848	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	153146	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	115483	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	318728	20.00	ng	0.00
75) Chrysene-d12	22.56	240	330811	20.00	ng	0.00
86) Perylene-d12	26.33	264	355648	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	322812	159.93	ng	0.00
7) Phenol-d6	7.99	99	493848	142.40	ng	0.00
23) Nitrobenzene-d5	10.07	82	297546	89.26	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	228563	132.33	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	732072	91.52	ng	0.00
78) Terphenyl-d14	20.73	244	1373092	88.77	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.06	70	39417	15.51	ng	# 71
50) 2,6-Dinitrotoluene	15.48	165	14864	7.23	ng	# 20
53) 2,4-Dinitrophenol	15.86	184	59	7.69	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	14864	4.91	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	17368	4.64	ng	# 1
76) Benzidine	20.73	184	22650	2.52	ng	94

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

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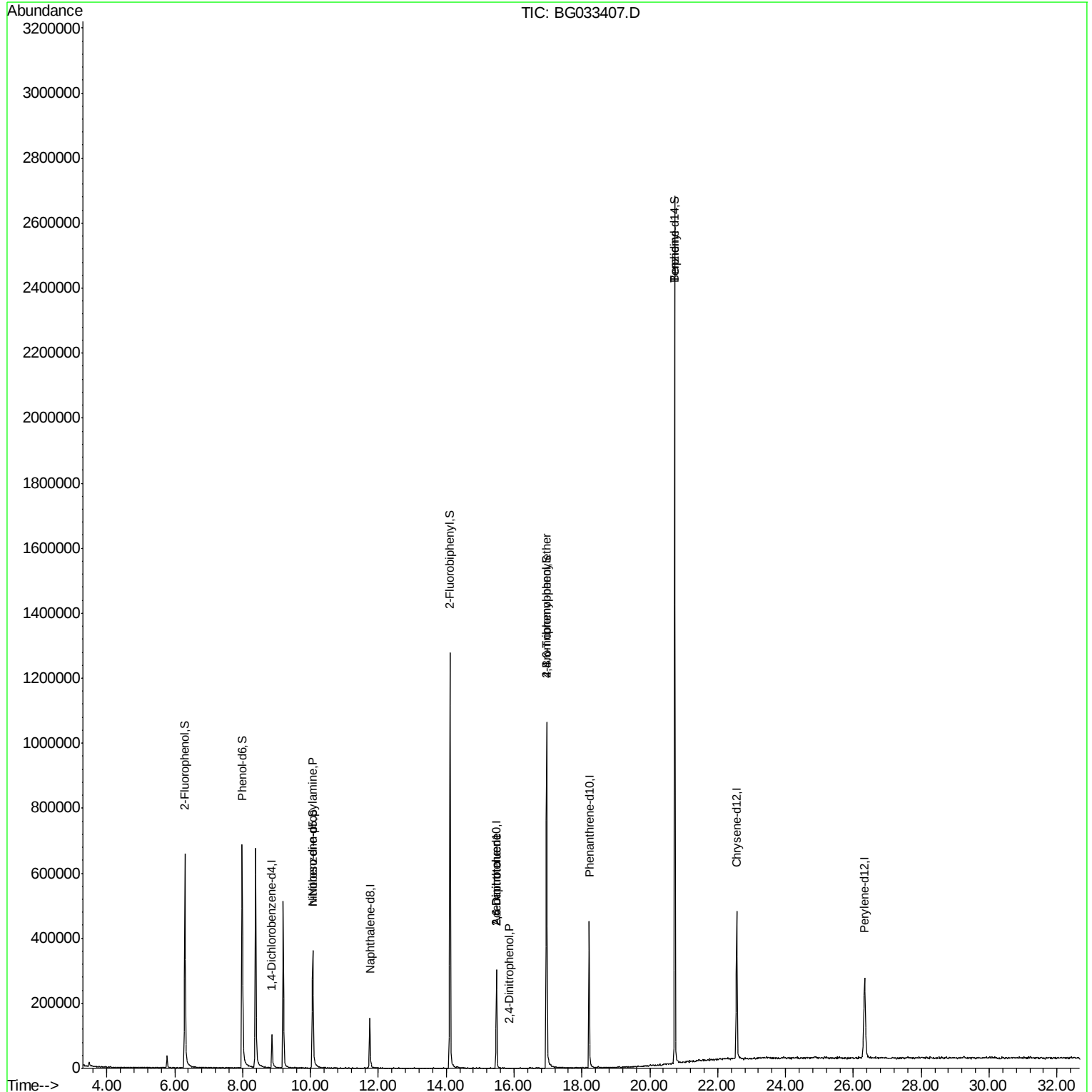
Quant Time: Mar 29 06:36:33 2018

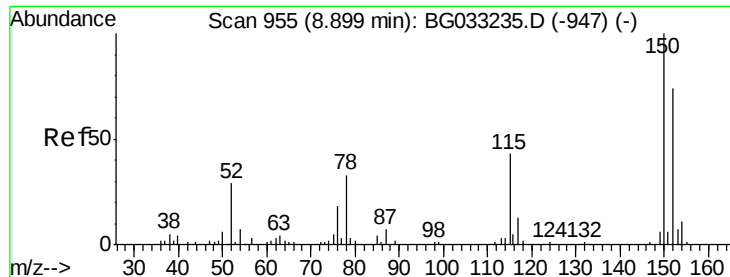
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M

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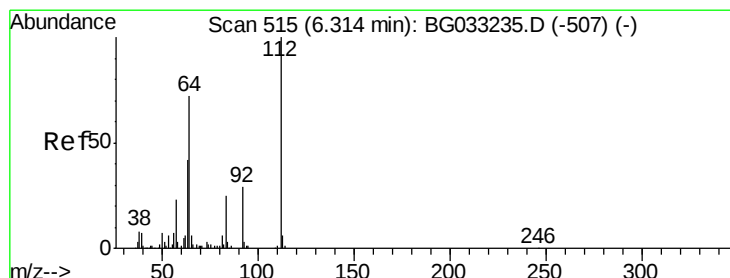
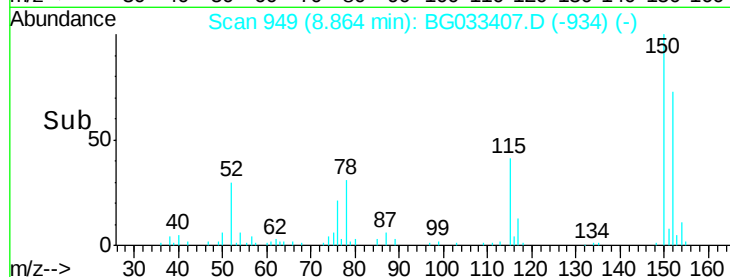
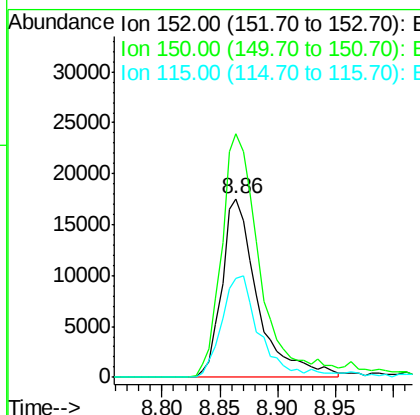
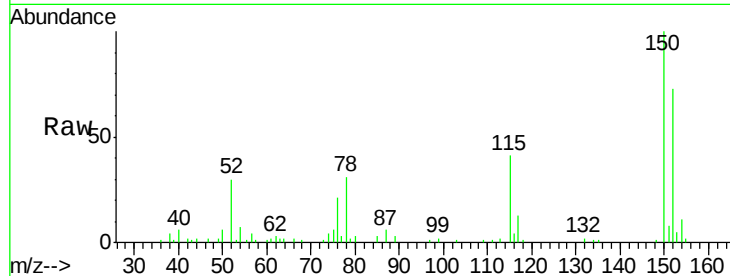




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033407.D
 Acq: 29 Mar 2018 5:43

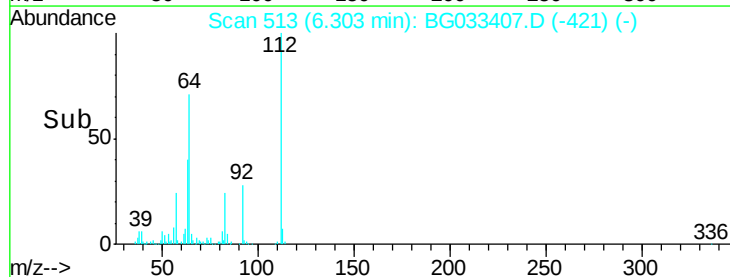
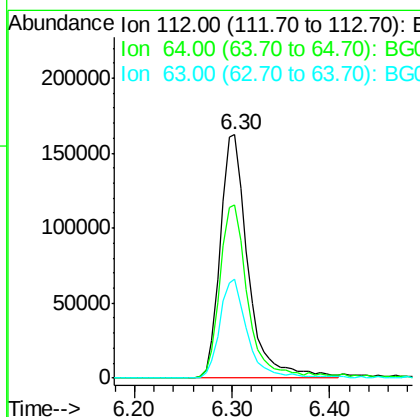
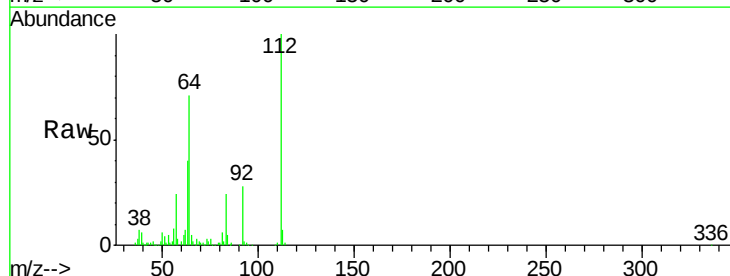
Instrument :
 BNA_G
 ClientSampleId :
 PB107704BL

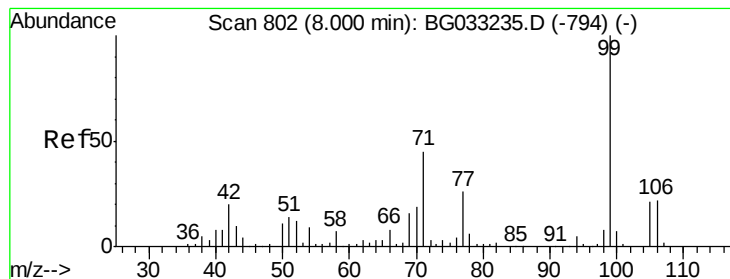
Tgt Ion:152 Resp: 37848
 Ion Ratio Lower Upper
 152 100
 150 136.2 126.6 189.8
 115 55.7 53.0 79.4



#5
 2-Fluorophenol
 Concen: 159.93 ng
 RT: 6.30 min Scan# 513
 Delta R.T. 0.01 min
 Lab File: BG033407.D
 Acq: 29 Mar 2018 5:43

Tgt Ion:112 Resp: 322812
 Ion Ratio Lower Upper
 112 100
 64 71.3 56.3 84.5
 63 40.4 30.1 45.1





#7

Phenol-d6

Concen: 142.40 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

Instrument :

BNA_G

ClientSampleId :

PB107704BL

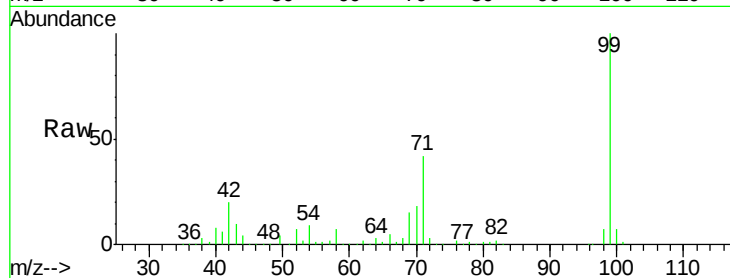
Tgt Ion: 99 Resp: 493848

Ion Ratio Lower Upper

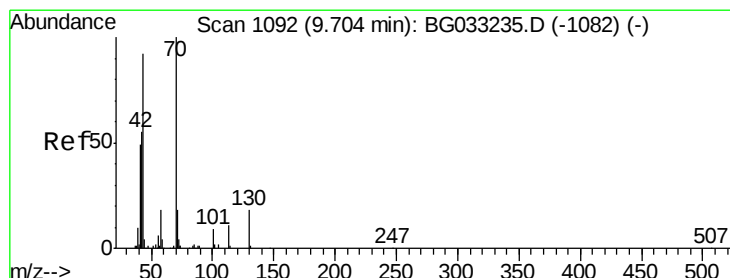
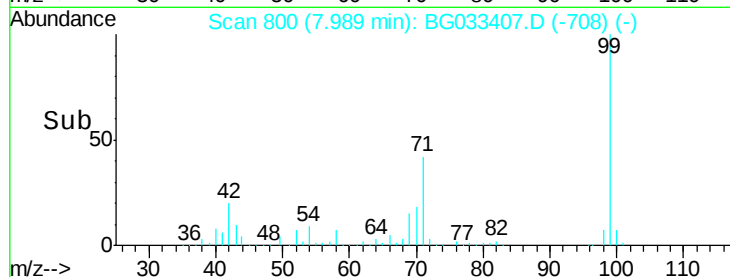
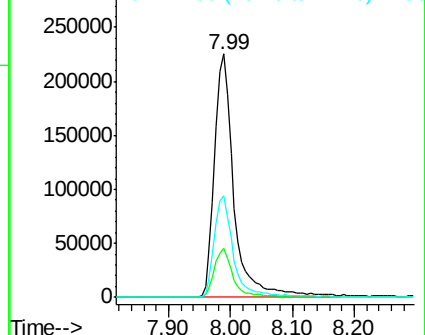
99 100

42 20.2 14.1 21.1

71 41.9 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: 15.51 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.39 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

Tgt Ion: 70 Resp: 39417

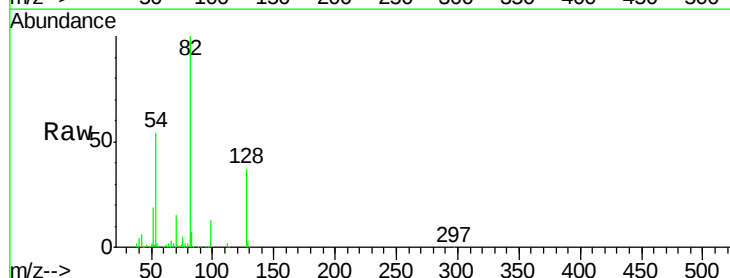
Ion Ratio Lower Upper

70 100

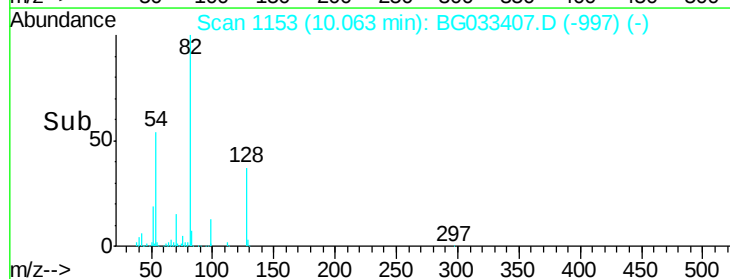
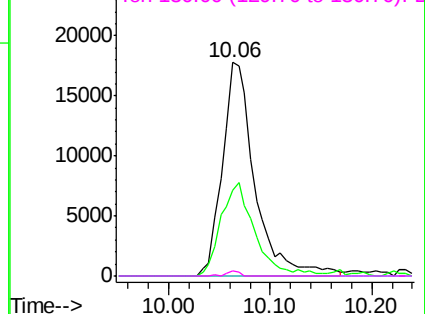
42 40.1 49.1 73.7#

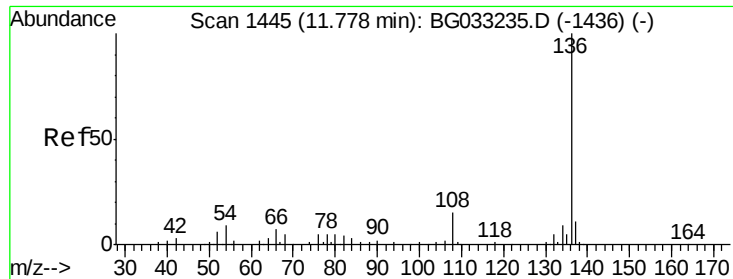
101 0.0 8.5 12.7#

130 2.5 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

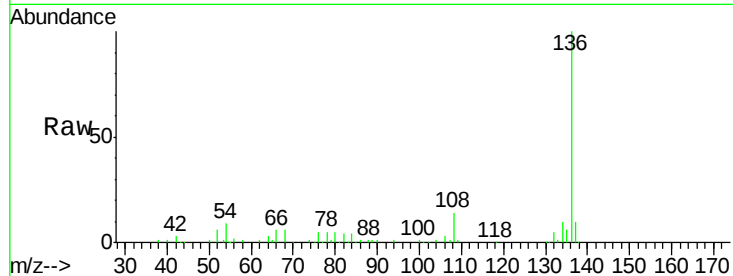




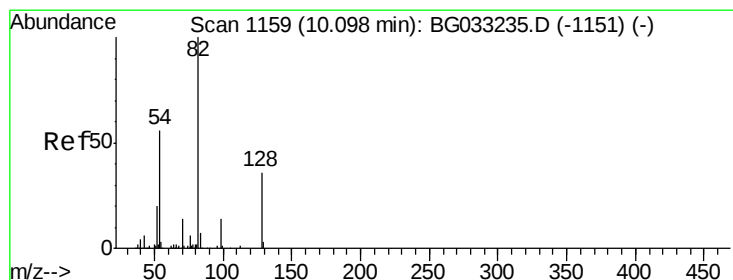
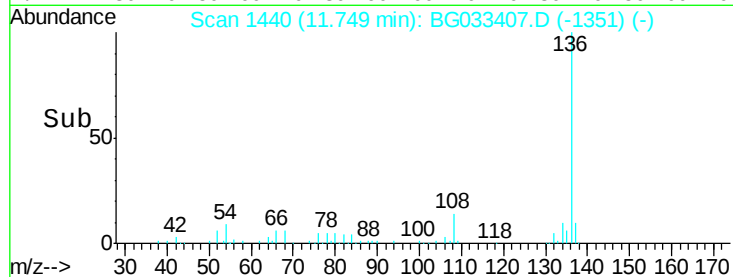
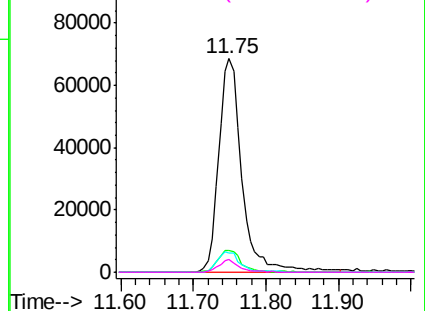
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033407.D
Acq: 29 Mar 2018 5:43

Instrument :
BNA_G
ClientSampleId :
PB107704BL

Tgt Ion:	136	Resp:	153146
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	9.4	10.3	15.5#
68	5.7	4.5	6.7

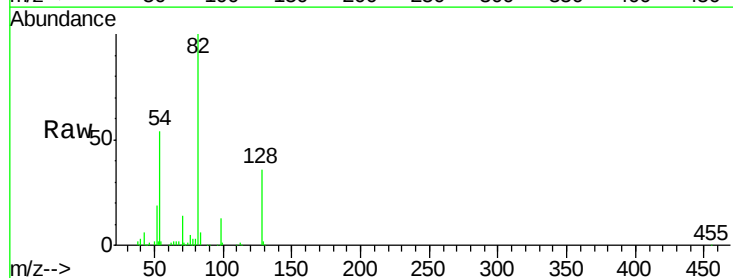


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

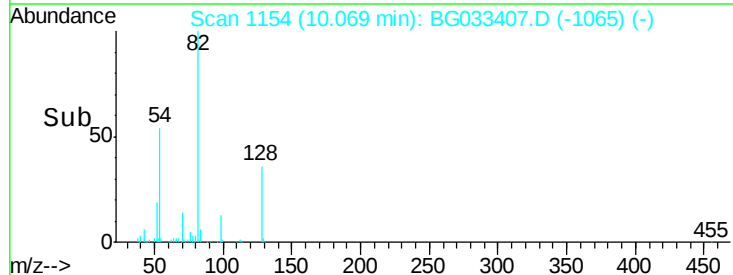
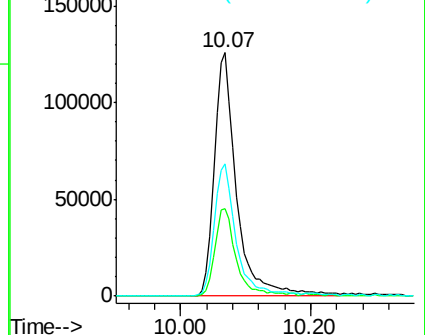


#23
Nitrobenzene-d5
Concen: 89.26 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033407.D
Acq: 29 Mar 2018 5:43

Tgt Ion:	82	Resp:	297546
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	54.3	43.1	64.7



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

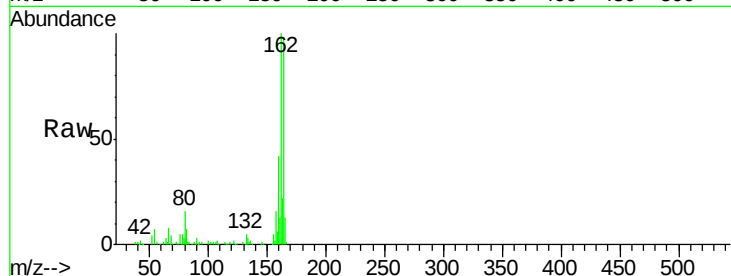




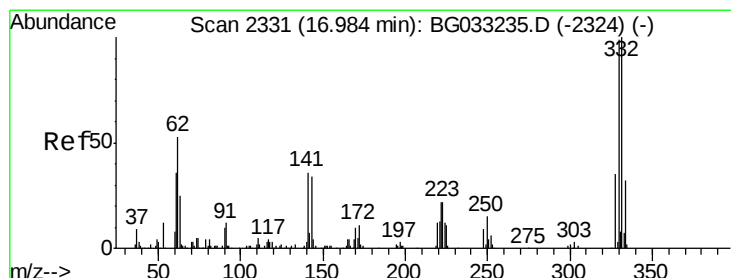
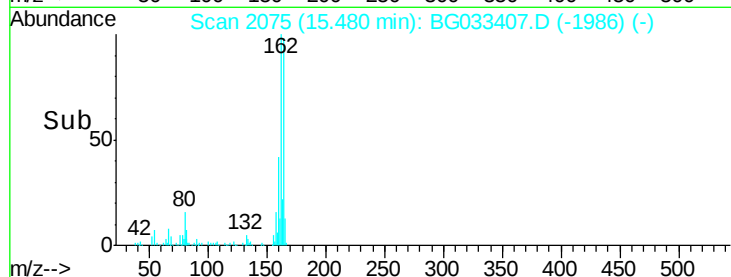
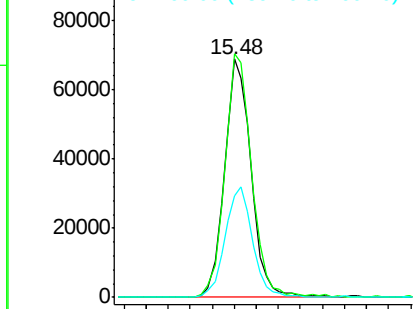
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033407.D
Acq: 29 Mar 2018 5:43

Instrument :
BNA_G
ClientSampleId :
PB107704BL

Tgt Ion:164 Resp: 115483
Ion Ratio Lower Upper
164 100
162 102.3 78.8 118.2
160 42.5 35.4 53.0

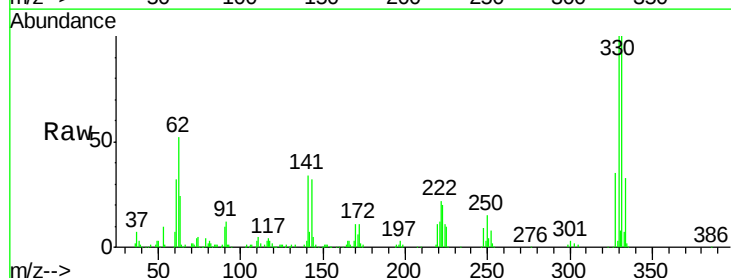


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

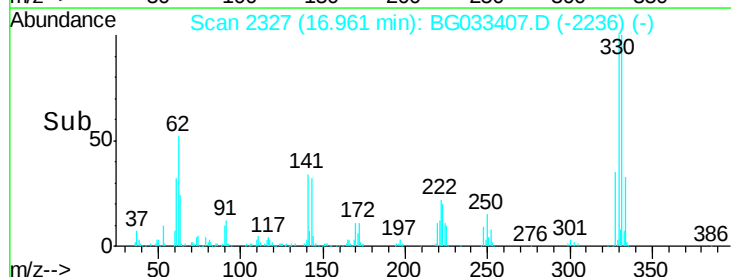
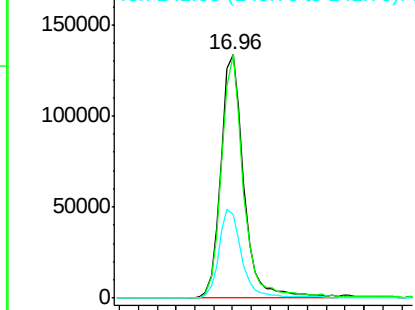


#41
2,4,6-Tribromophenol
Concen: 132.33 ng
RT: 16.96 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG033407.D
Acq: 29 Mar 2018 5:43

Tgt Ion:330 Resp: 228563
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 35.6 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

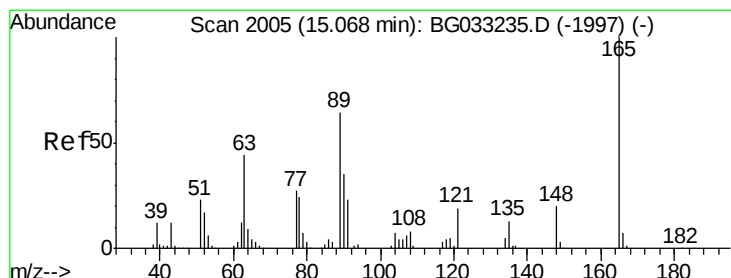
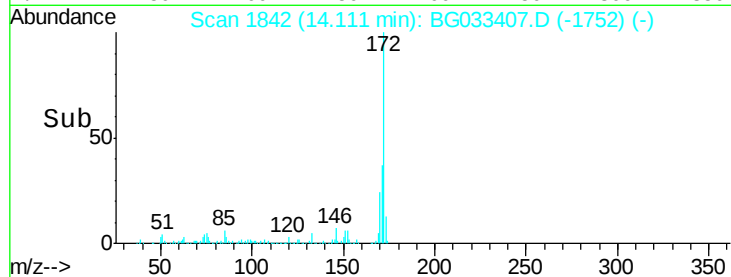
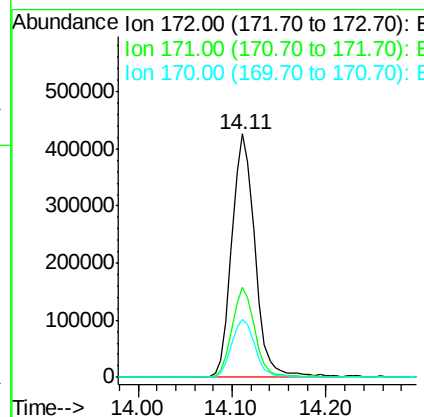
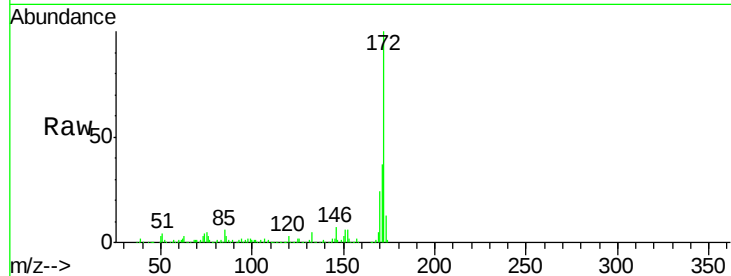




#44
 2-Fluorobiphenyl
 Concen: 91.52 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033407.D
 Acq: 29 Mar 2018 5:43

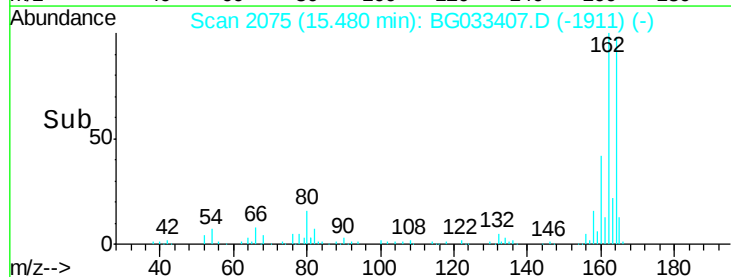
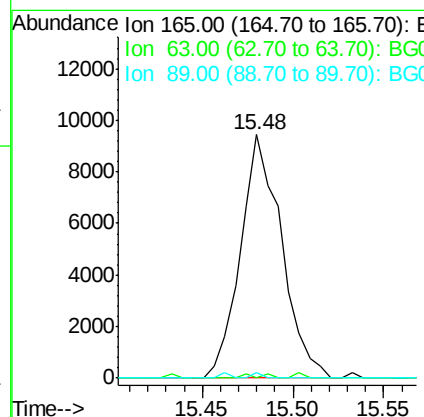
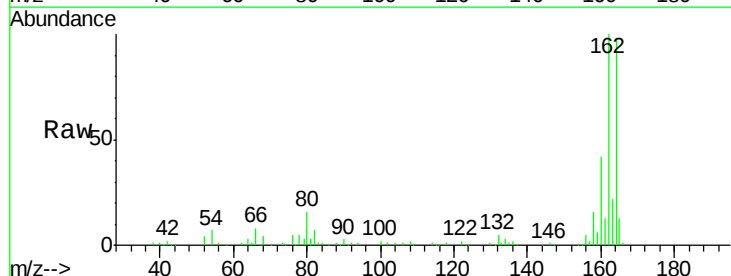
Instrument :
 BNA_G
 ClientSampleId :
 PB107704BL

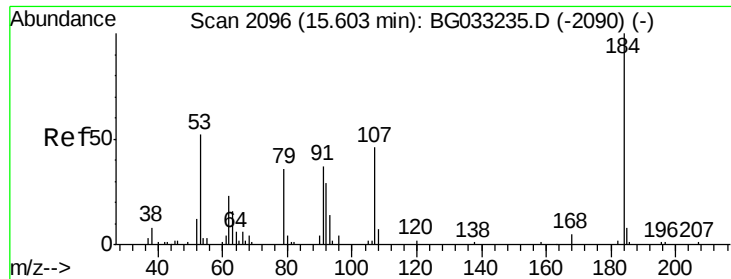
Tgt Ion:172 Resp: 732072
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 23.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.23 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033407.D
 Acq: 29 Mar 2018 5:43

Tgt Ion:165 Resp: 14864
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.5 49.2 73.8#

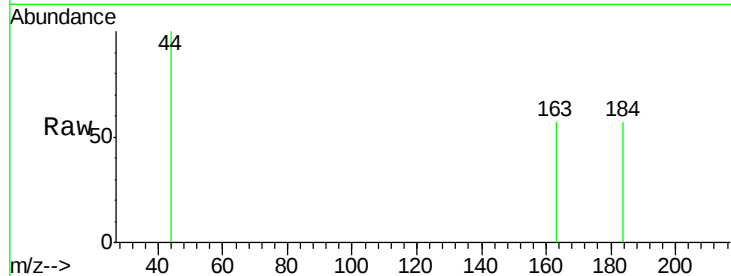




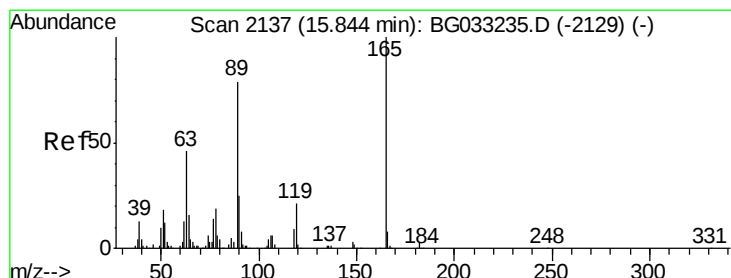
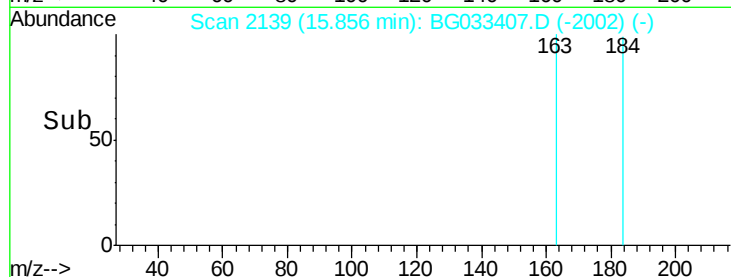
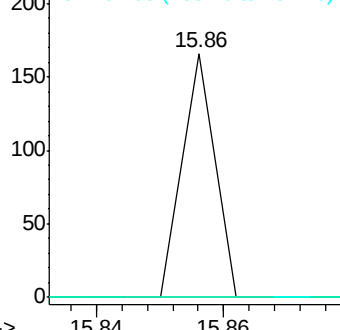
#53
2,4-Dinitrophenol
Concen: 7.69 ng
RT: 15.86 min Scan# 2139
Delta R.T. 0.27 min
Lab File: BG033407.D
Acq: 29 Mar 2018 5:43

Instrument :
BNA_G
ClientSampleId :
PB107704BL

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

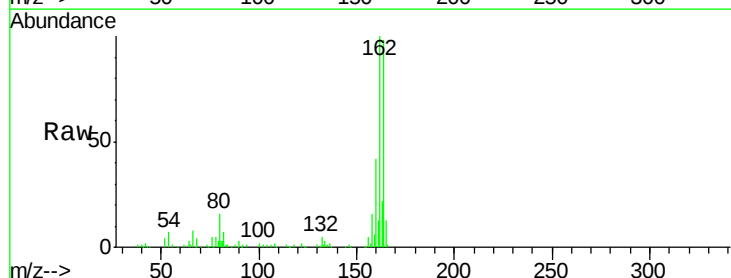


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

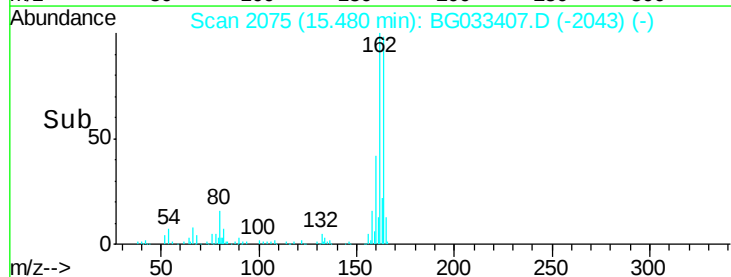
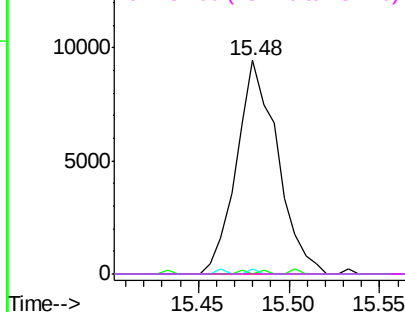


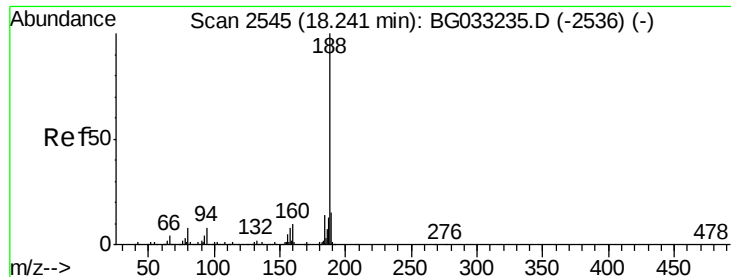
#56
2,4-Dinitrotoluene
Concen: 4.91 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033407.D
Acq: 29 Mar 2018 5:43

Tgt Ion:165 Resp: 14864
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.5 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

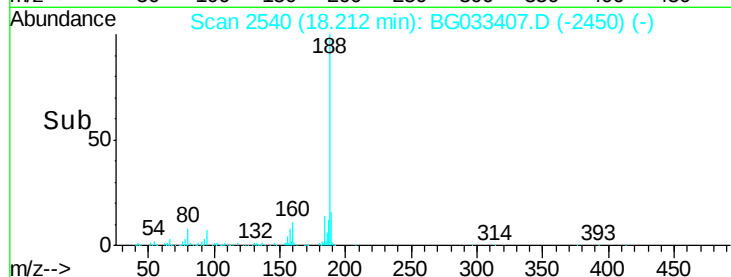
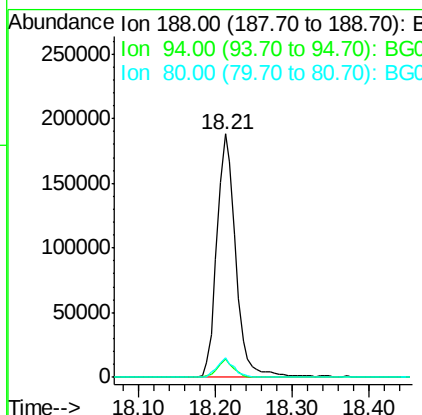
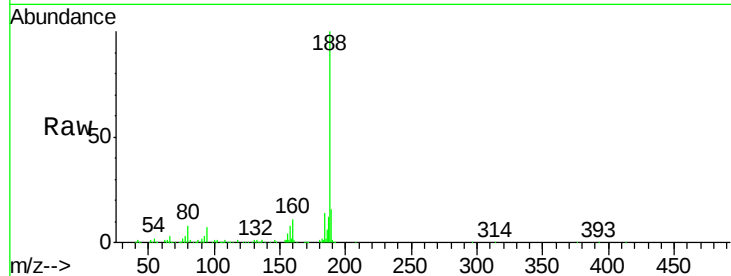




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033407.D
Acq: 29 Mar 2018 5:43

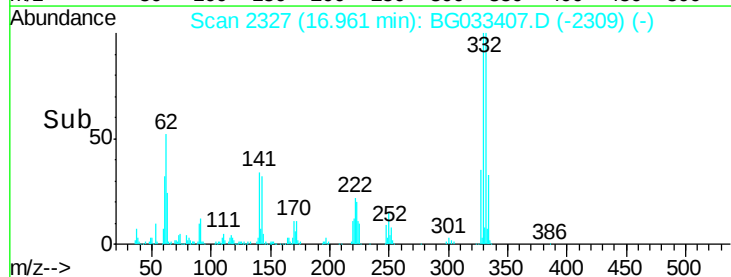
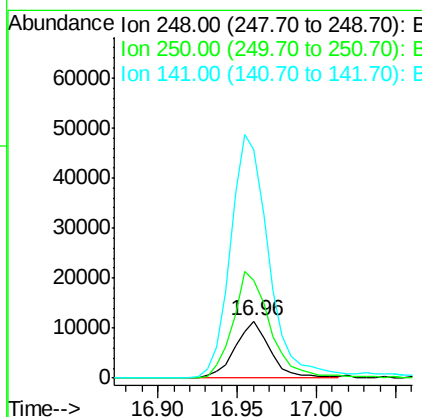
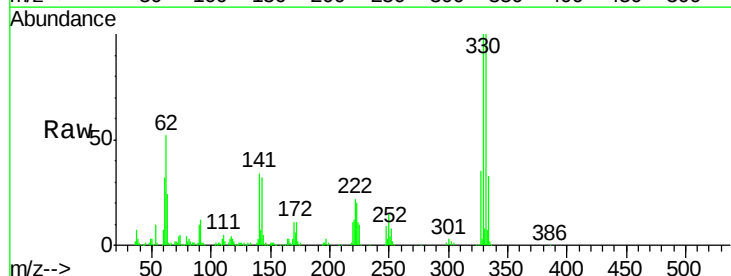
Instrument :
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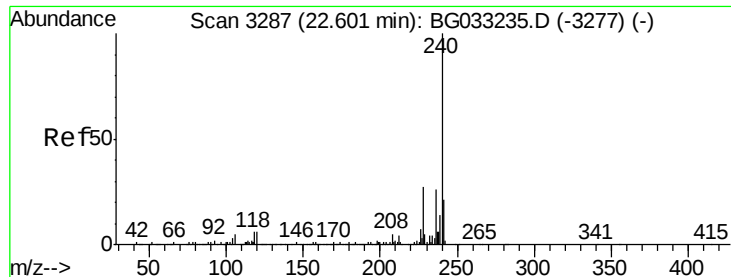
Tgt Ion:188 Resp: 318728
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.1 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 16.96 min Scan# 2327
Delta R.T. -0.43 min
Lab File: BG033407.D
Acq: 29 Mar 2018 5:43

Tgt Ion:248 Resp: 17368
Ion Ratio Lower Upper
248 100
250 172.4 77.1 115.7#
141 400.1 50.8 76.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

Instrument :

BNA_G

ClientSampleId :

PB107704BL

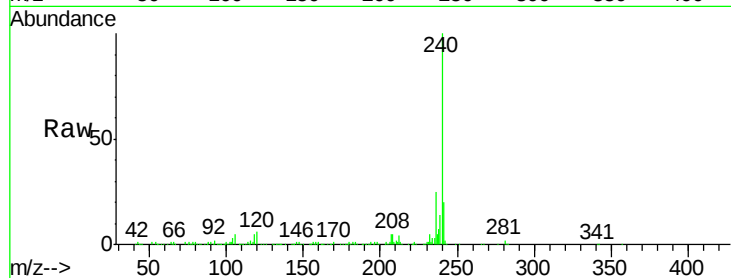
Tgt Ion:240 Resp: 330811

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

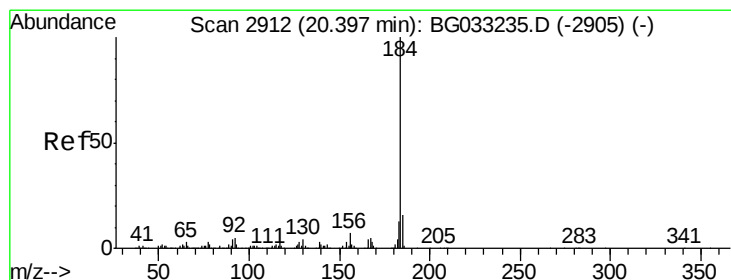
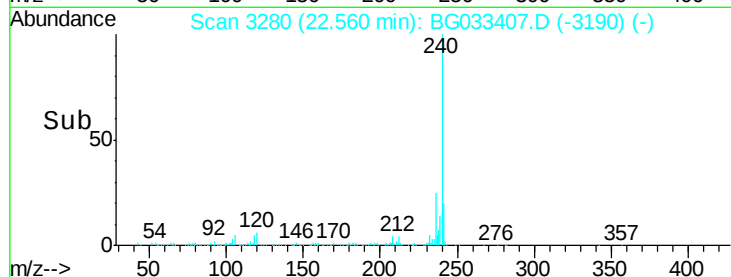
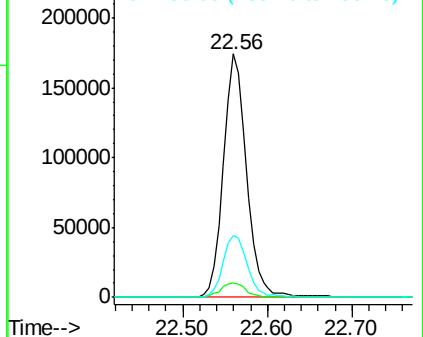
236 25.3 20.9 31.3



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



#76

Benzidine

Concen: 2.52 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

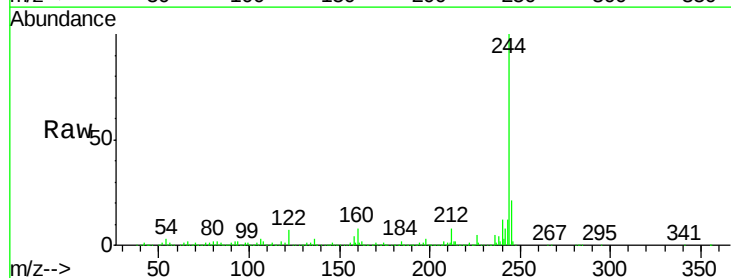
Tgt Ion:184 Resp: 22650

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

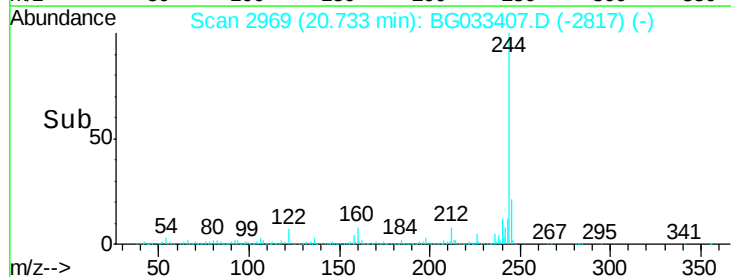
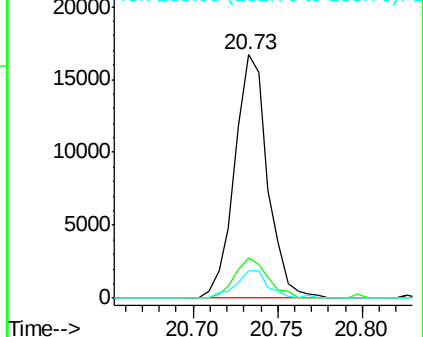
183 11.0 10.6 16.0

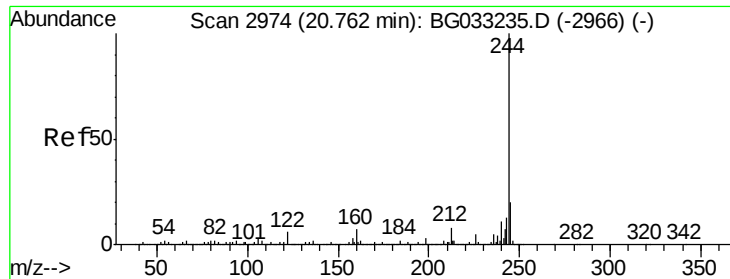


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 88.77 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

Instrument :

BNA_G

ClientSampleId :

PB107704BL

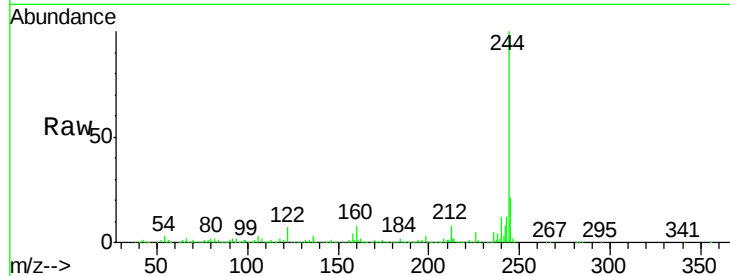
Tgt Ion:244 Resp: 1373092

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

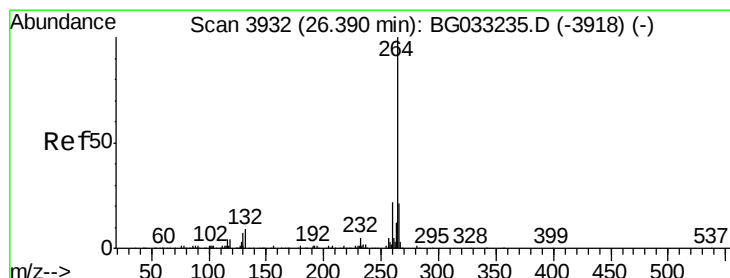
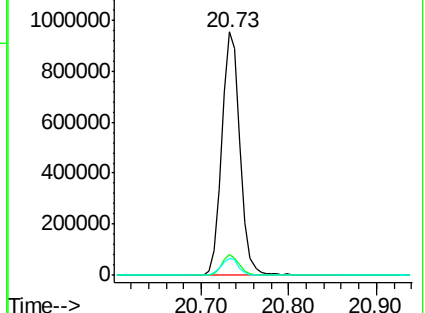
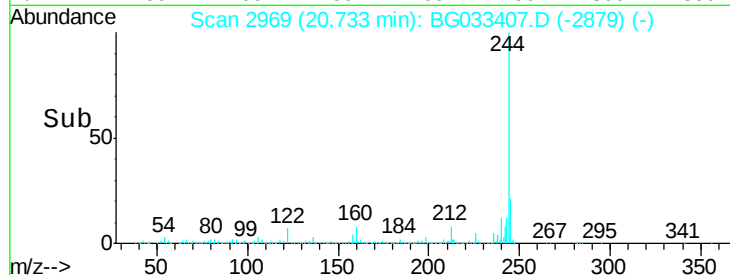
122 7.2 7.0 10.4



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: 20.00 ng

RT: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033407.D

Acq: 29 Mar 2018 5:43

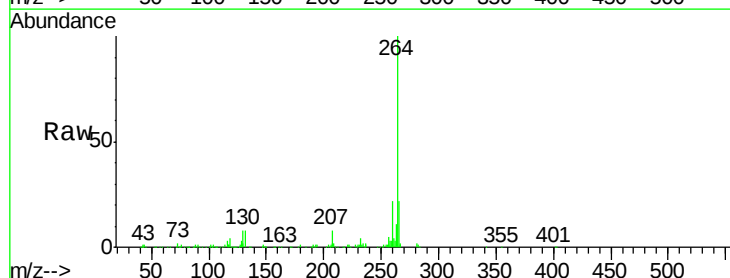
Tgt Ion:264 Resp: 355648

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 21.9 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

