

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033212.D
 Acq On : 16 Mar 2018 23:03
 Operator : SJ/JU
 Sample : PB107389TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107389TB

Quant Time: Mar 17 05:22:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	41185	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	155154	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	110258	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	296691	20.00	ng	0.00
75) Chrysene-d12	22.60	240	312875	20.00	ng	-0.01
86) Perylene-d12	26.40	264	332724	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.31	112	325615	126.49	ng	0.00
7) Phenol-d6	8.00	99	470903	131.24	ng	0.00
23) Nitrobenzene-d5	10.09	82	298926	128.02	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	198945	171.60	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	692185	90.54	ng	0.00
78) Terphenyl-d14	20.76	244	1293797	92.91	ng	0.00

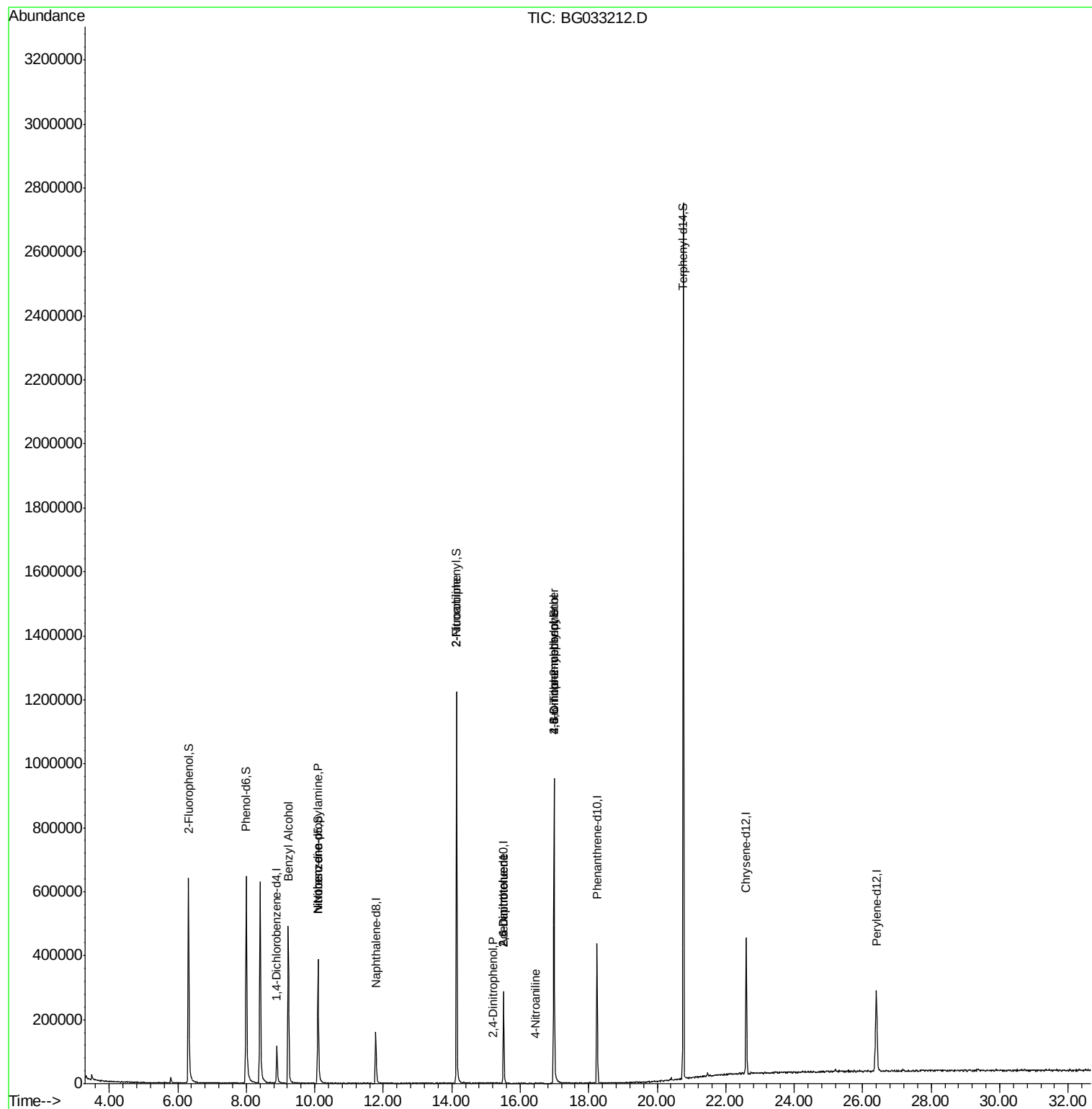
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.23	79	5352	2.029	ng	# 54
19) n-Nitroso-di-n-propylamine	10.09	70	41050	16.205	ng	# 72
24) Nitrobenzene	10.09	77	958	6.716	ng	# 27
47) 2-Nitroaniline	14.14	65	1263	10.389	ng	# 10
50) 2,6-Dinitrotoluene	15.52	165	14391	16.464	ng	# 20
53) 2,4-Dinitrophenol	15.22	184	55	3.550	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	14391	14.662	ng	# 18
61) 4-Nitroaniline	16.45	138	55	5.324	ng	# 12
64) 4,6-Dinitro-2-methylphenol	16.98	198	558	5.748	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	15905	5.070	ng	# 1

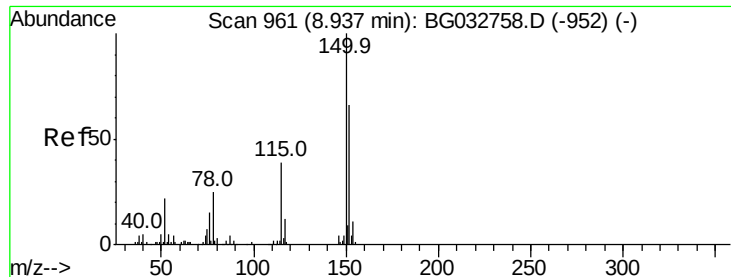
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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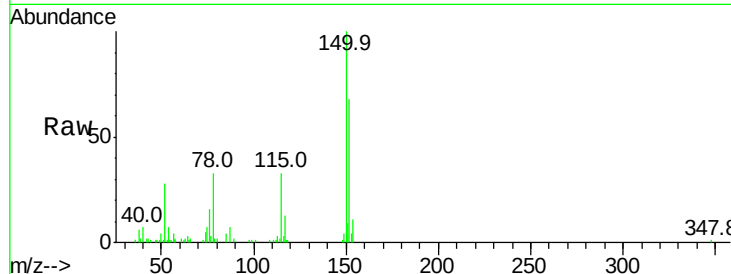


#1

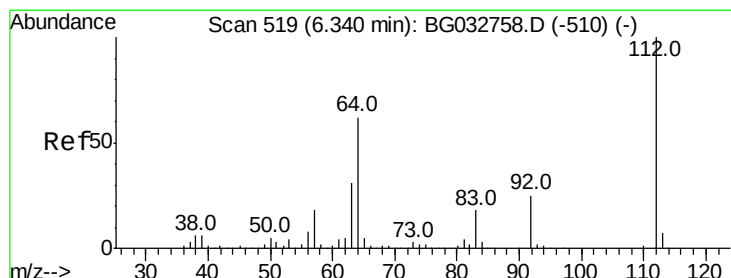
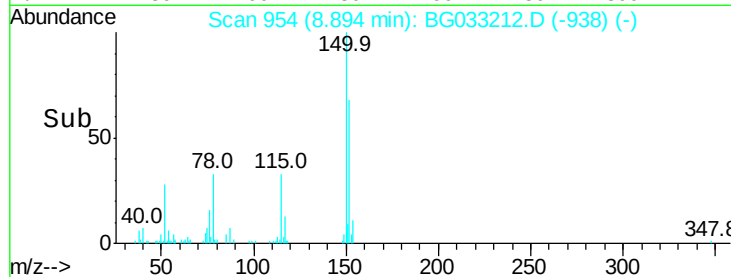
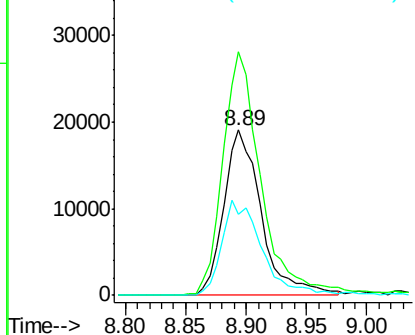
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033212.D
Acq: 16 Mar 2018 23:03

Instrument :
BNA_G
ClientSampleId :
PB107389TB

Tot Ion:152 Resp: 41185
Ion Ratio Lower Upper
152 100
150 147.1 126.6 189.8
115 49.3 53.0 79.4#



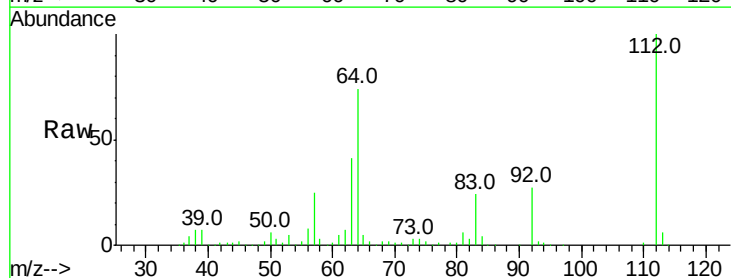
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



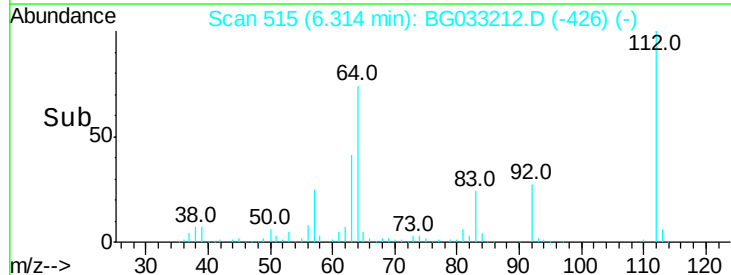
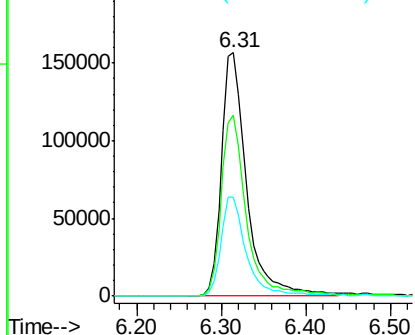
#5

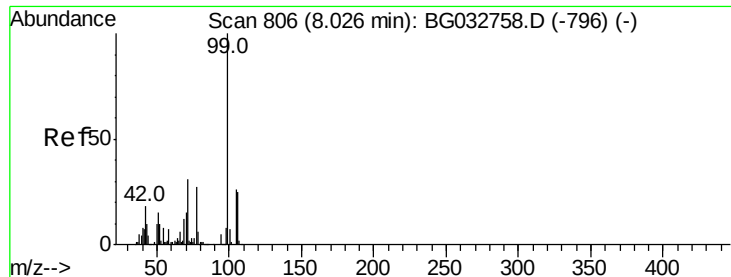
2-Fluorophenol
Concen: 126.487 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033212.D
Acq: 16 Mar 2018 23:03

Tgt Ion:112 Resp: 325615
Ion Ratio Lower Upper
112 100
64 74.4 56.3 84.5
63 40.5 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: 131.236 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

Instrument :

BNA_G

ClientSampleId :

PB107389TB

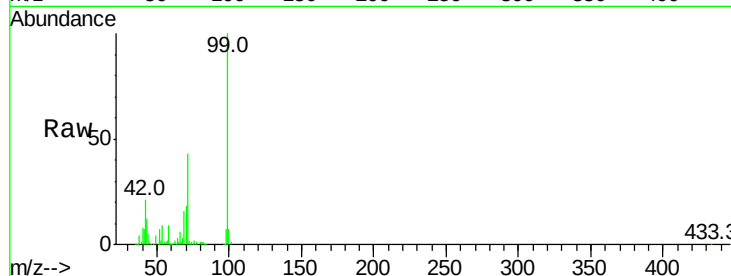
Tot Ion: 99 Resp: 470903

Ion Ratio Lower Upper

99 100

42 21.2 14.1 21.1#

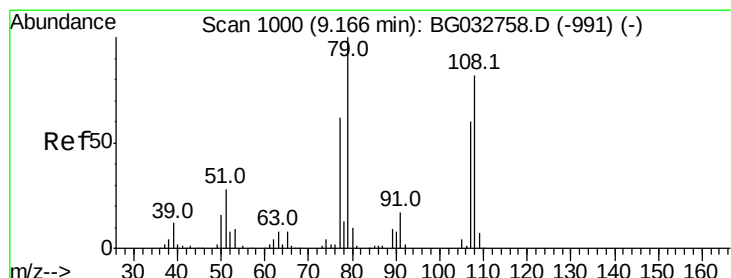
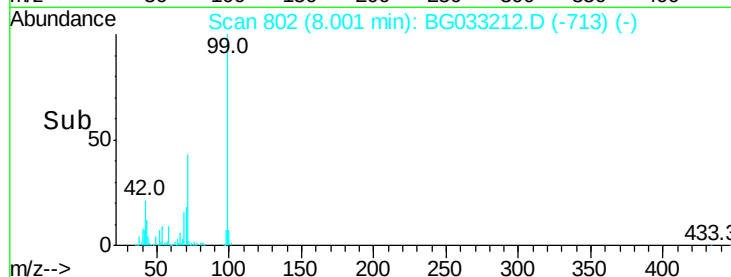
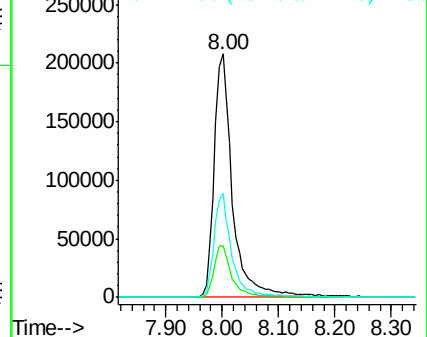
71 42.6 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.029 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.10 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

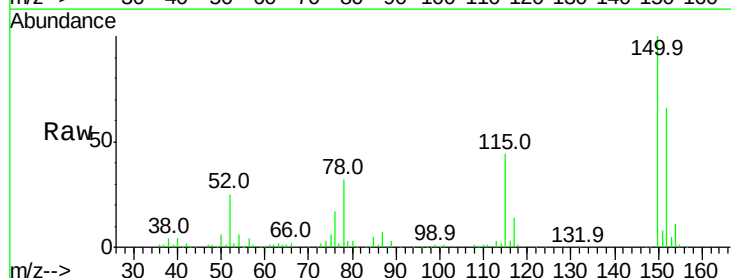
Tgt Ion: 79 Resp: 5352

Ion Ratio Lower Upper

79 100

108 22.6 57.2 85.8#

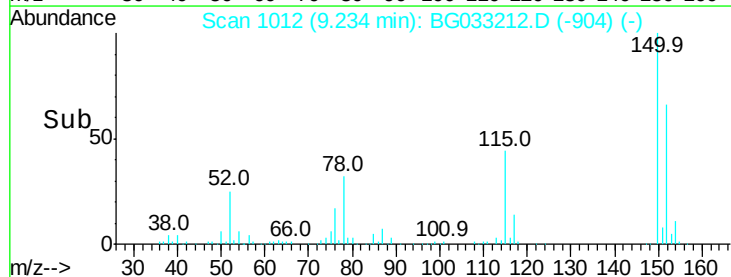
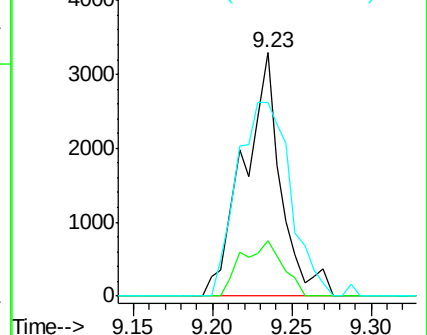
77 79.6 46.1 69.1#

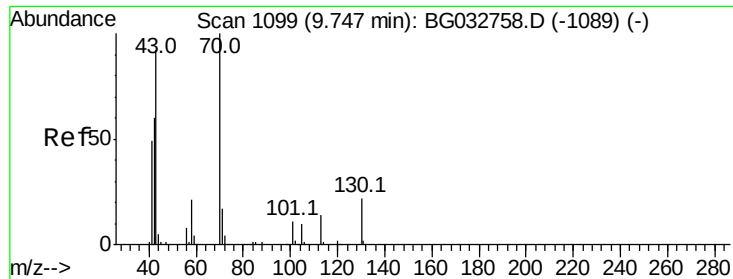


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

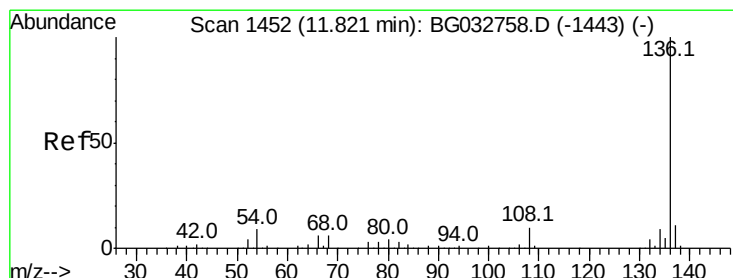
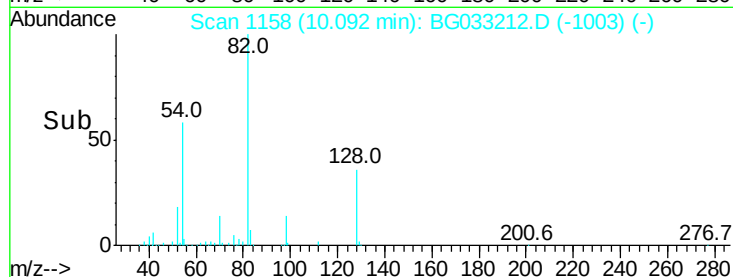
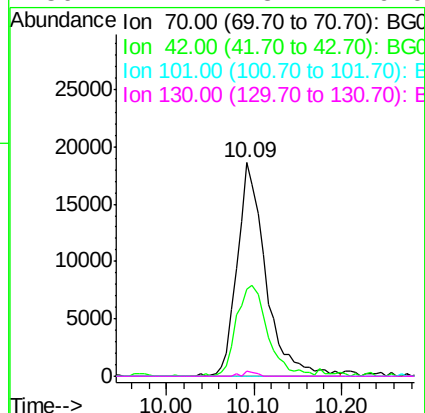
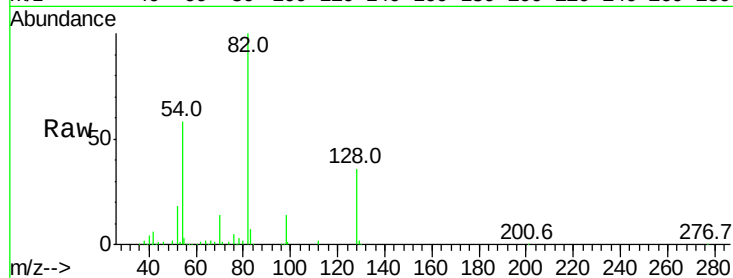




#19
n-Nitroso-di-n-propylamine
Concen: 16.205 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.38 min
Lab File: BG033212.D
Acq: 16 Mar 2018 23:03

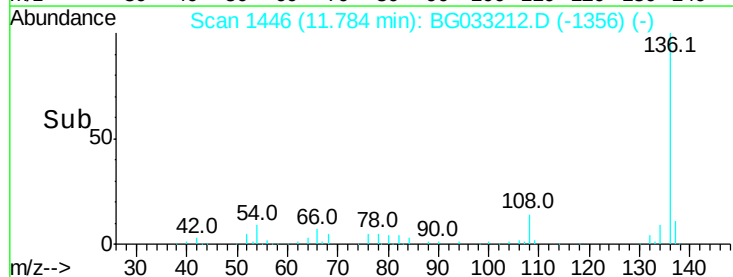
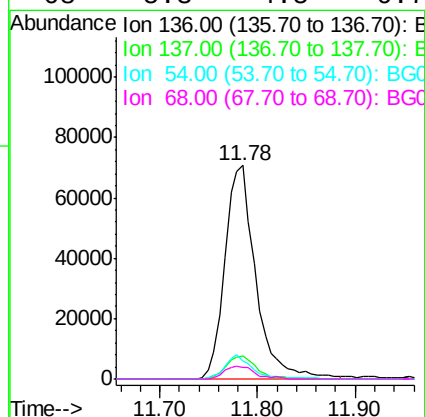
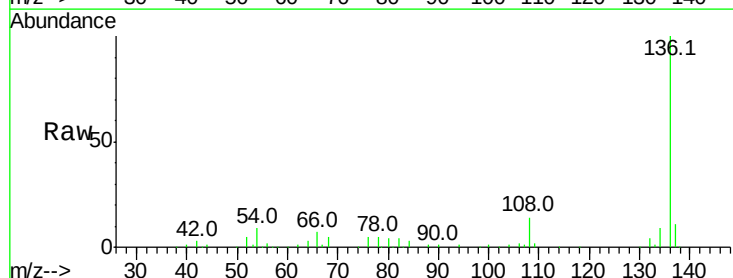
Instrument :
BNA_G
ClientSampled :
PB107389TB

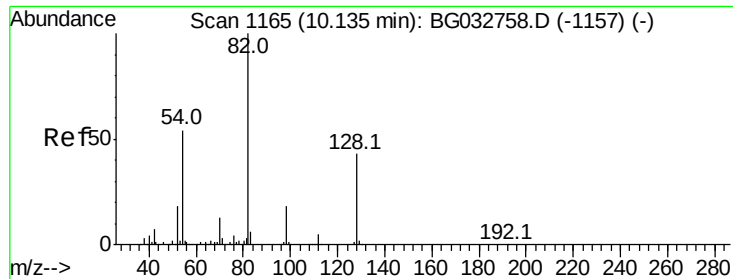
Tot Ion: 70 Resp: 41050
Ion Ratio Lower Upper
70 100
42 41.0 49.1 73.7#
101 0.0 8.5 12.7#
130 2.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG033212.D
Acq: 16 Mar 2018 23:03

Tgt Ion: 136 Resp: 155154
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.7 10.3 15.5#
68 5.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 128.020 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

Instrument :

BNA_G

ClientSampleId :

PB107389TB

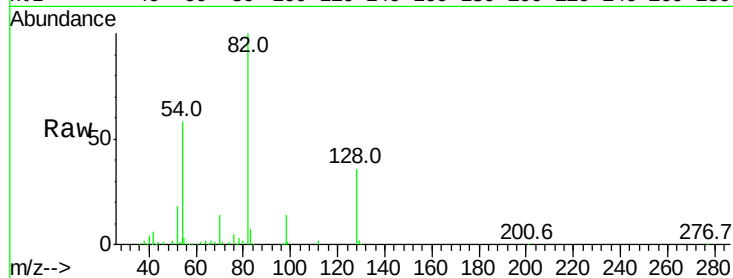
Tot Ion: 82 Resp: 298926

Ion Ratio Lower Upper

82 100

128 36.5 29.7 44.5

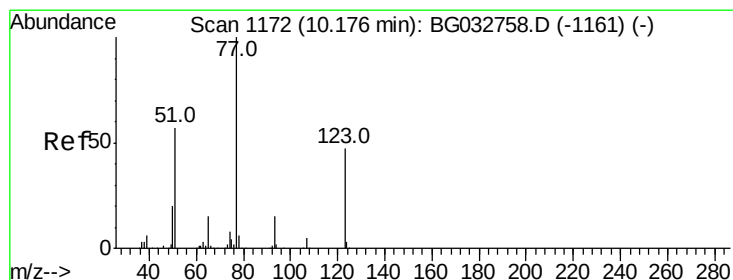
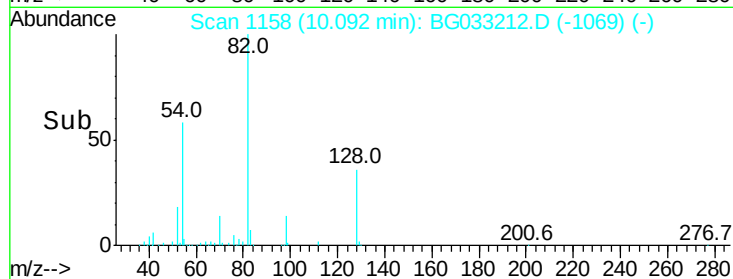
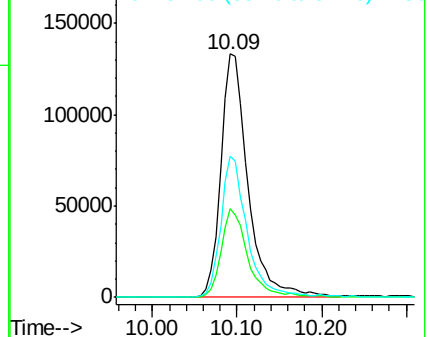
54 57.9 43.1 64.7



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



#24

Nitrobenzene

Concen: 6.716 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.05 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

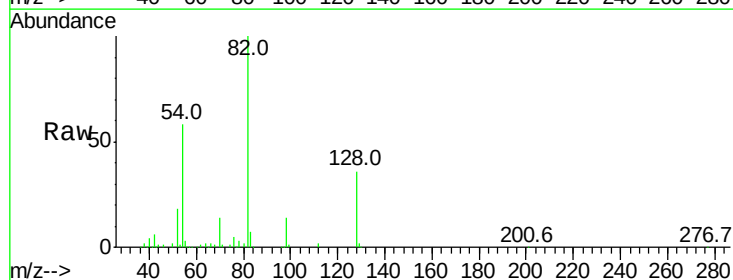
Tgt Ion: 77 Resp: 958

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

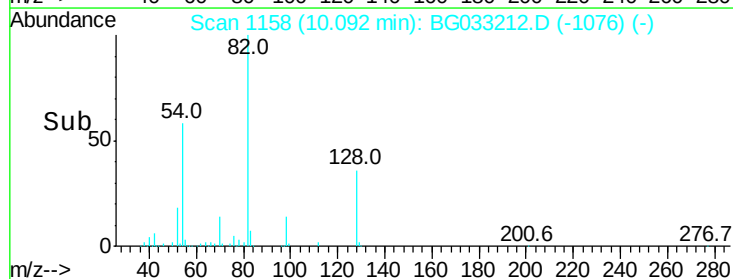
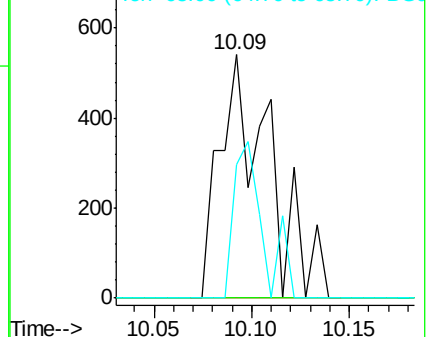
65 55.1 13.0 19.6#

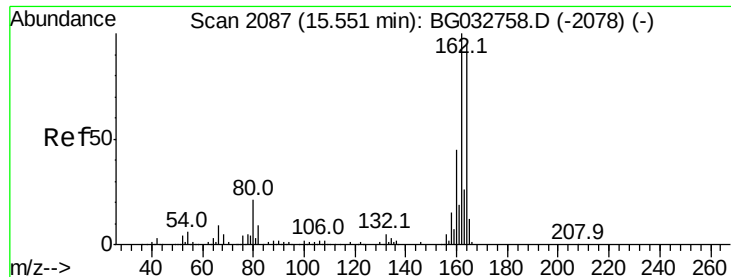


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

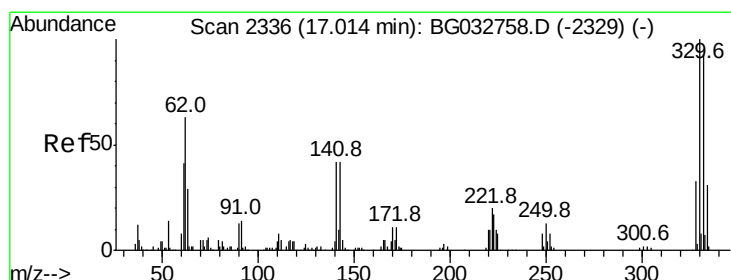
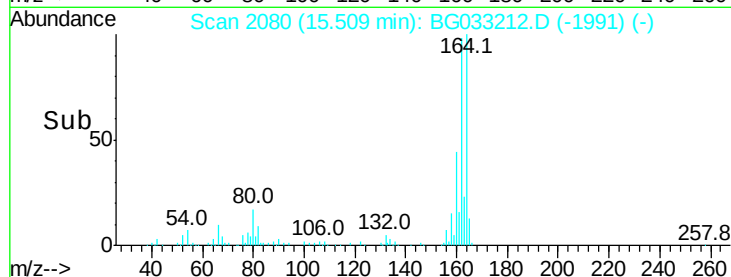
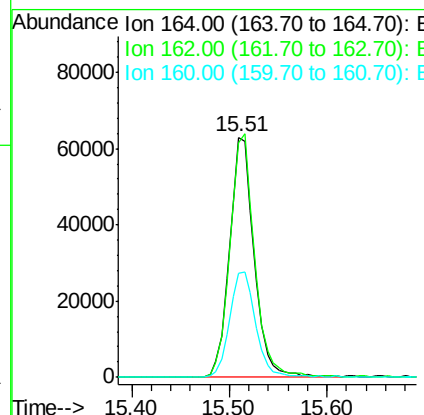
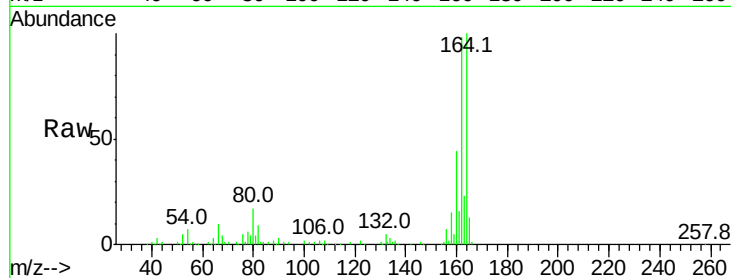




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG033212.D
Acq: 16 Mar 2018 23:03

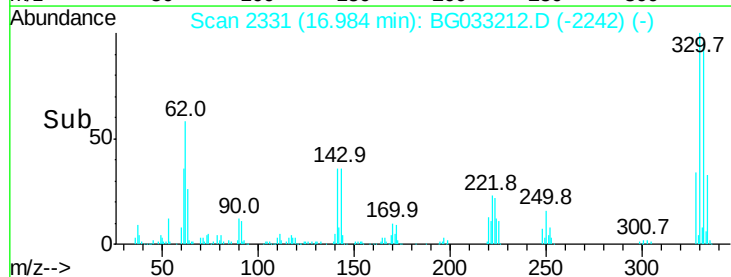
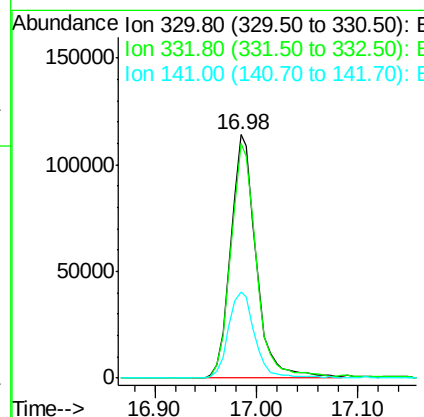
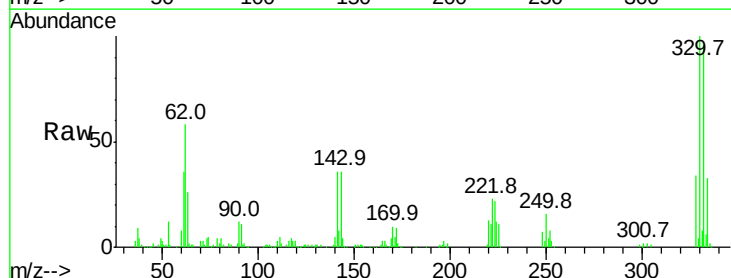
Instrument :
BNA_G
ClientSampleId :
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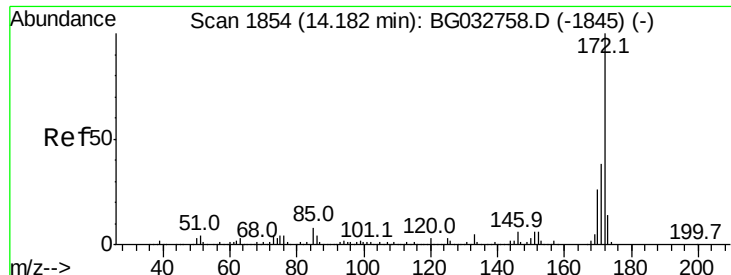
Tot Ion:164 Resp: 110258
Ion Ratio Lower Upper
164 100
162 97.9 78.8 118.2
160 43.6 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 171.604 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG033212.D
Acq: 16 Mar 2018 23:03

Tgt Ion:330 Resp: 198945
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 37.3 25.2 37.8

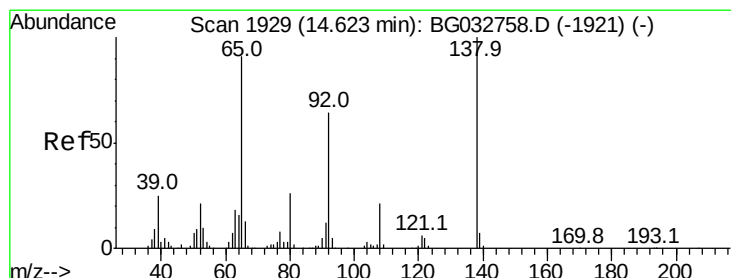
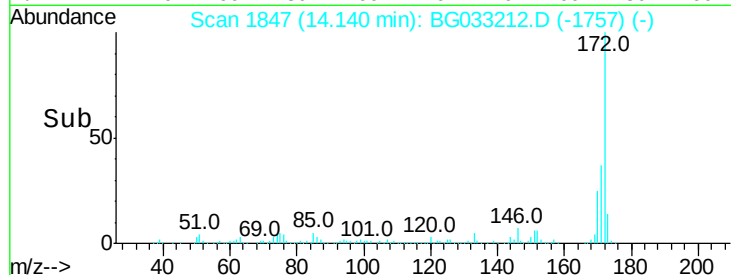
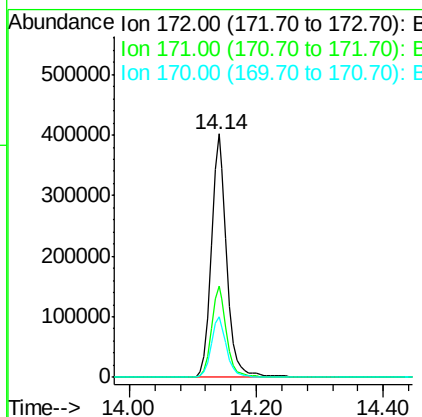
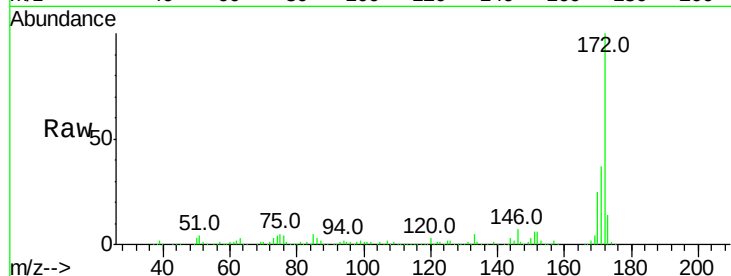




#44
 2-Fluorobiphenyl
 Concen: 90.543 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033212.D
 Acq: 16 Mar 2018 23:03

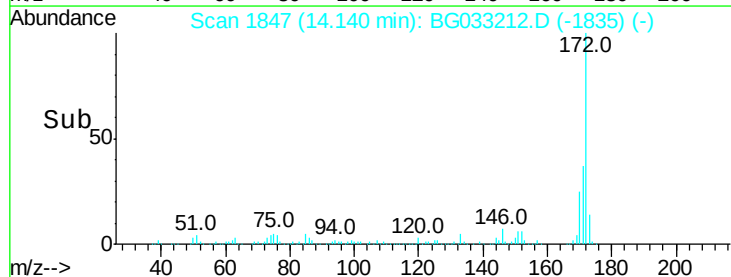
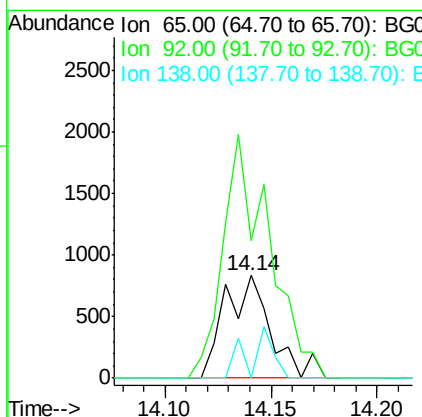
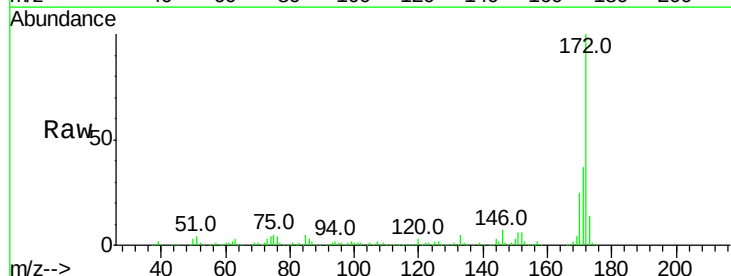
Instrument :
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 ClientSampled :
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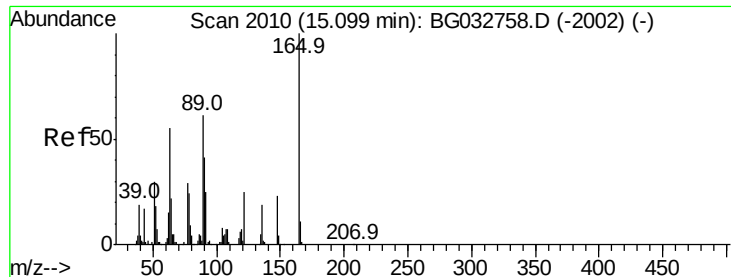
Tot Ion:172 Resp: 692185
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.9 19.5 29.3



#47
 2-Nitroaniline
 Concen: 10.389 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.46 min
 Lab File: BG033212.D
 Acq: 16 Mar 2018 23:03

Tgt Ion: 65 Resp: 1263
 Ion Ratio Lower Upper
 65 100
 92 134.3 54.6 82.0#
 138 0.0 72.9 109.3#

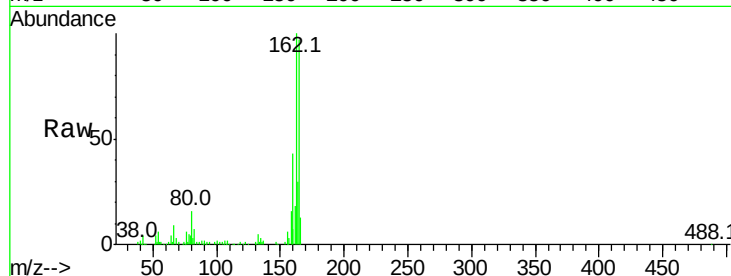




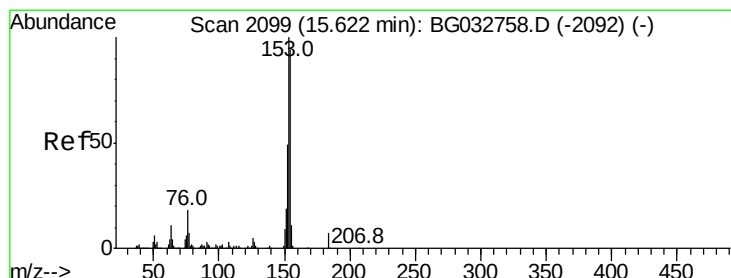
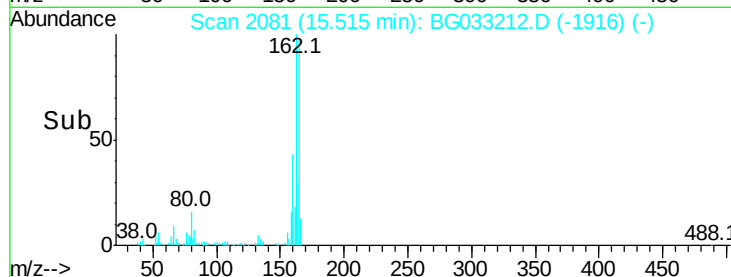
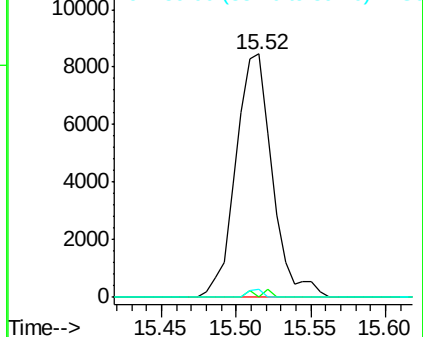
#50
2,6-Dinitrotoluene
Concen: 16.464 ng
RT: 15.52 min Scan# 2081
Delta R.T. 0.44 min
Lab File: BG033212.D
Acq: 16 Mar 2018 23:03

Instrument :
BNA_G
ClientSampleId :
PB107389TB

Tot Ion:165 Resp: 14391
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 3.2 49.2 73.8#

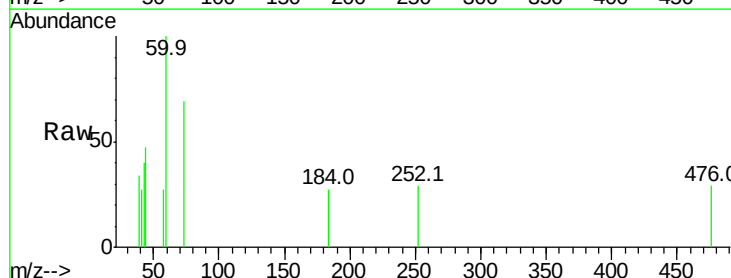


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

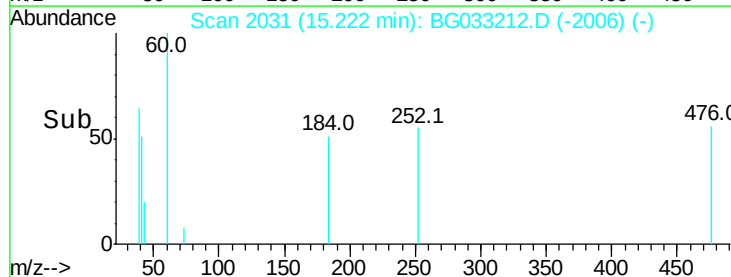
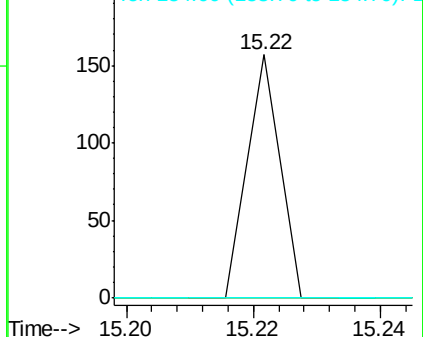


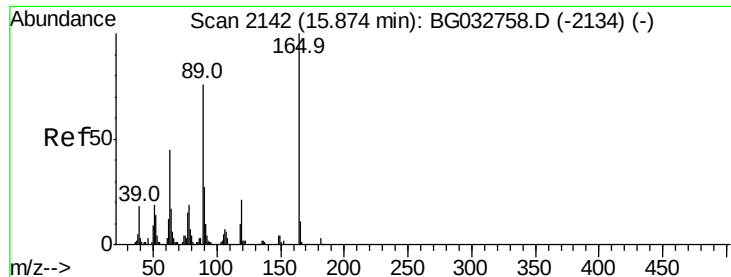
#53
2,4-Dinitrophenol
Concen: 3.550 ng
RT: 15.22 min Scan# 2031
Delta R.T. -0.38 min
Lab File: BG033212.D
Acq: 16 Mar 2018 23:03

Tgt Ion:184 Resp: 55
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

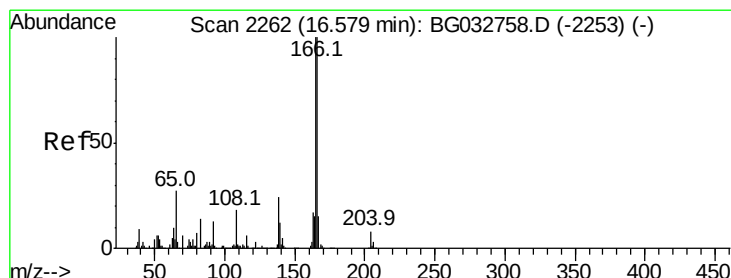
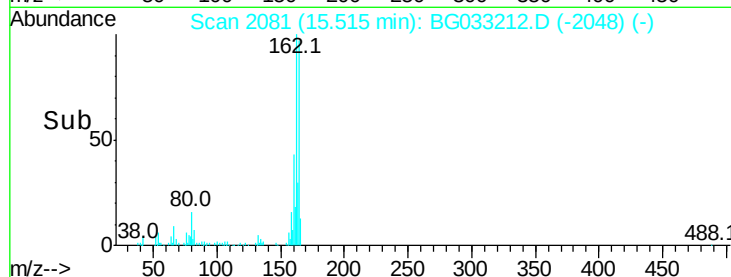
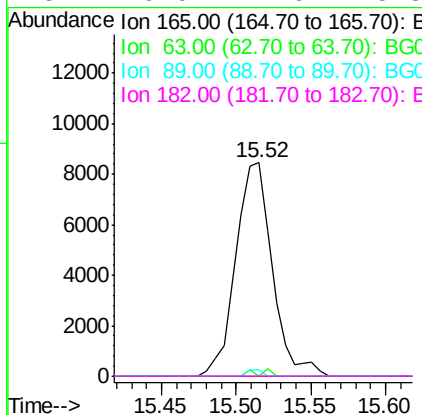
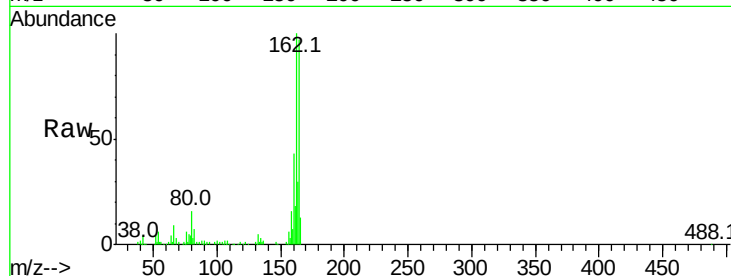




#56
 2,4-Dinitrotoluene
 Concen: 14.662 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.34 min
 Lab File: BG033212.D
 Acq: 16 Mar 2018 23:03

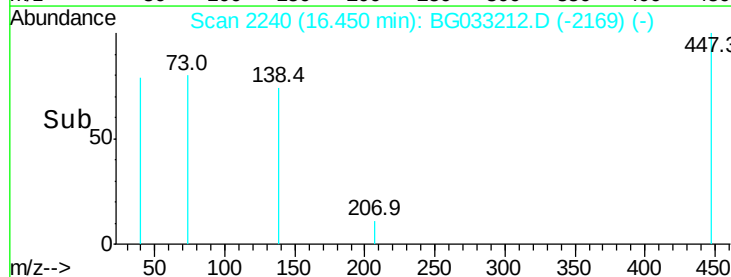
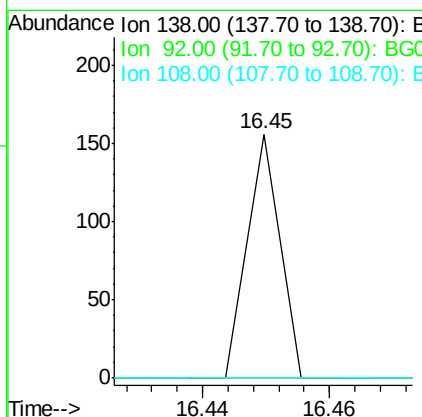
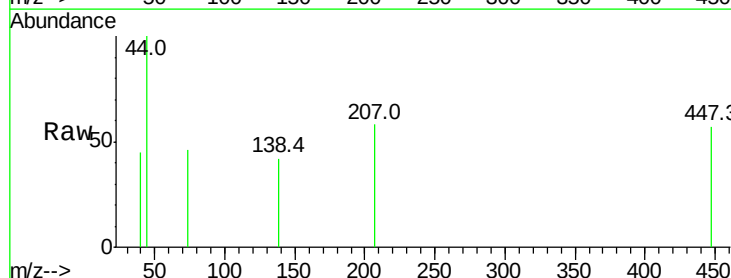
Instrument :
 BNA_G
 ClientSampleId :
 PB107389TB

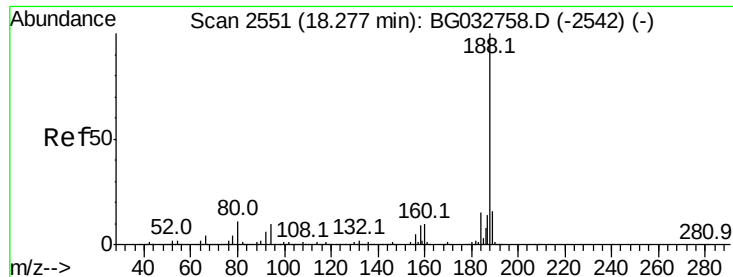
Tot Ion:165 Resp: 14391
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.2 66.9 100.3#
 182 0.0 2.6 3.8#



#61
 4-Nitroaniline
 Concen: 5.324 ng
 RT: 16.45 min Scan# 2240
 Delta R.T. -0.11 min
 Lab File: BG033212.D
 Acq: 16 Mar 2018 23:03

Tgt Ion:138 Resp: 55
 Ion Ratio Lower Upper
 138 100
 92 0.0 40.1 80.1#
 108 0.0 65.4 105.4#

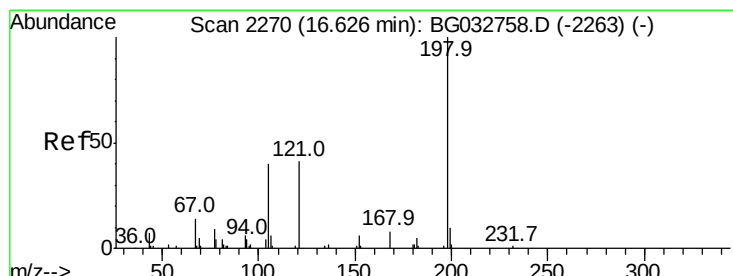
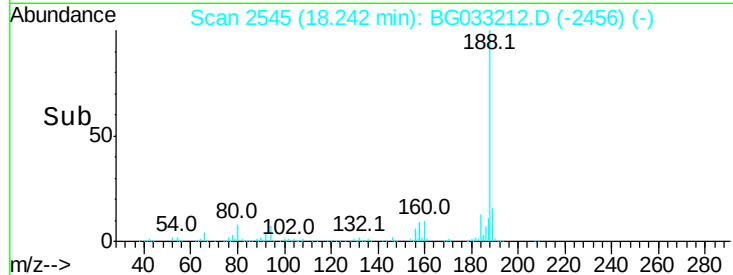
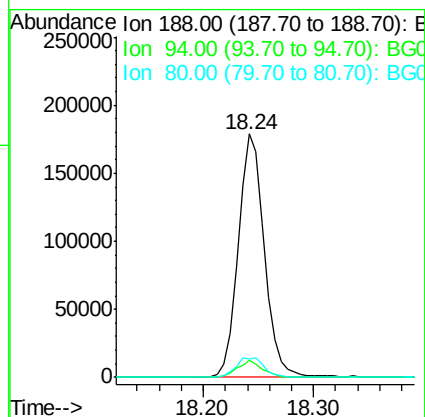
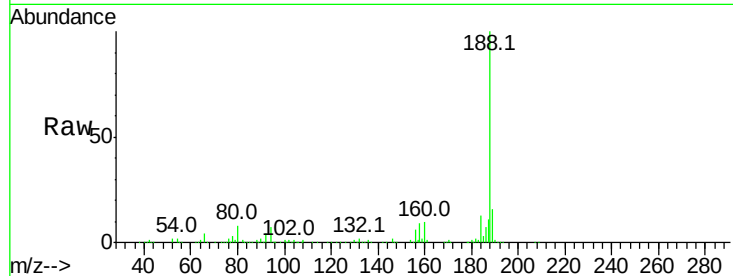




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BG033212.D
 Acq: 16 Mar 2018 23:03

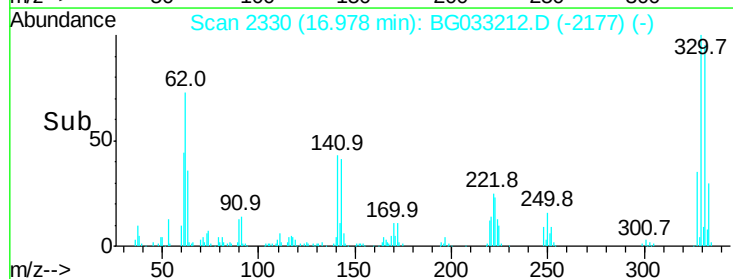
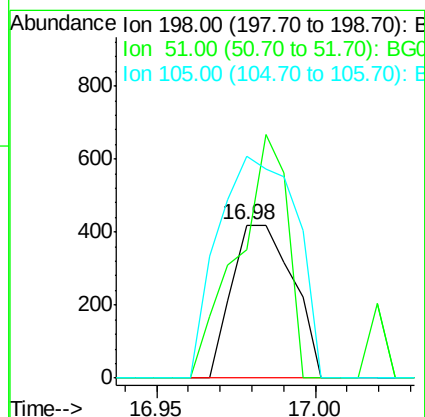
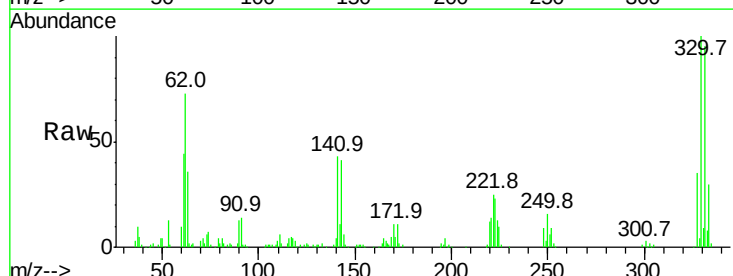
Instrument :
 BNA_G
 ClientSampleId :
 PB107389TB

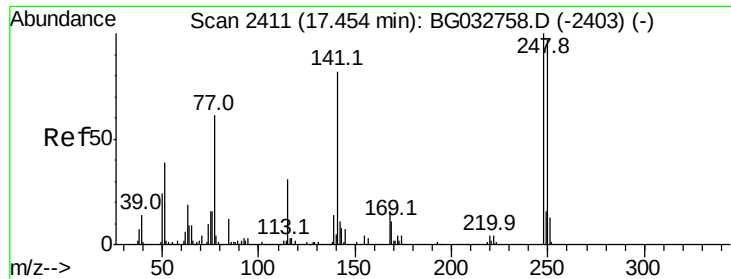
Tot Ion:188 Resp: 296691
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.9 10.3
 80 7.8 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.748 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. 0.37 min
 Lab File: BG033212.D
 Acq: 16 Mar 2018 23:03

Tgt Ion:198 Resp: 558
 Ion Ratio Lower Upper
 198 100
 51 84.2 30.6 70.6#
 105 145.1 23.8 63.8#

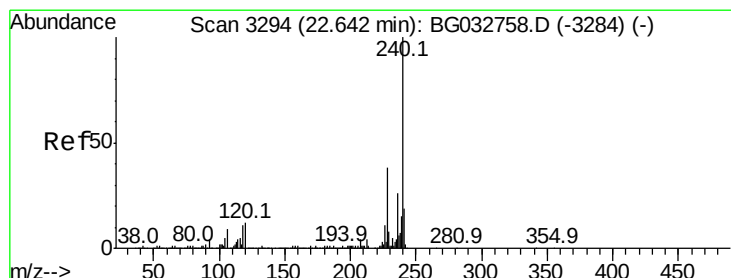
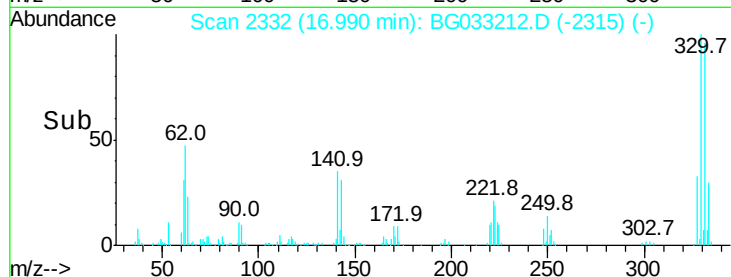
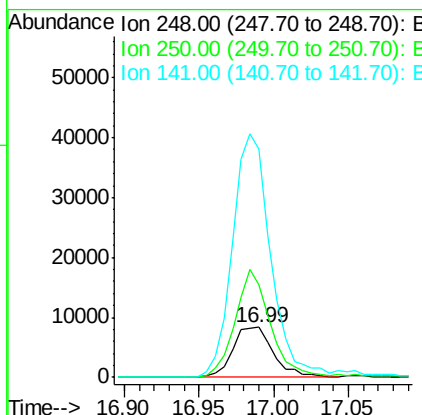
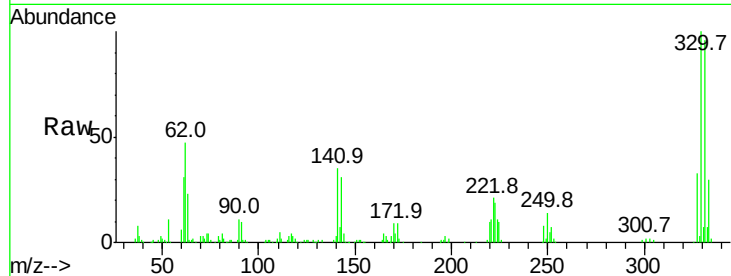




#66
 4-Bromophenyl-phenylether
 Concen: 5.070 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.43 min
 Lab File: BG033212.D
 Acq: 16 Mar 2018 23:03

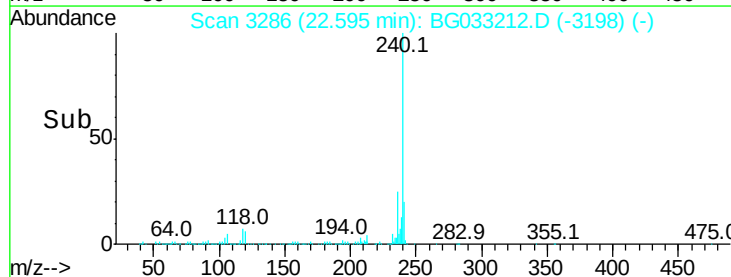
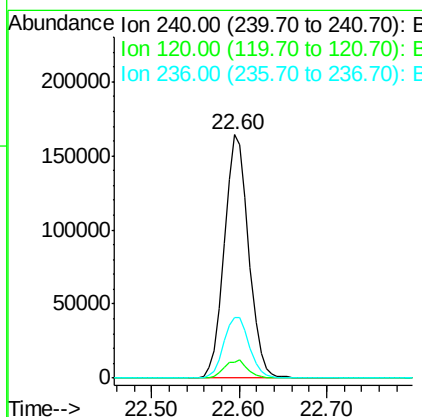
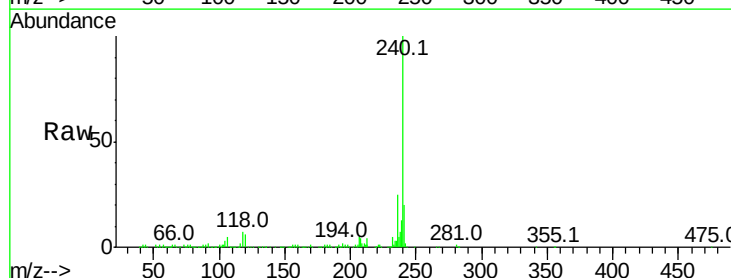
Instrument :
 BNA_G
 ClientSampleId :
 PB107389TB

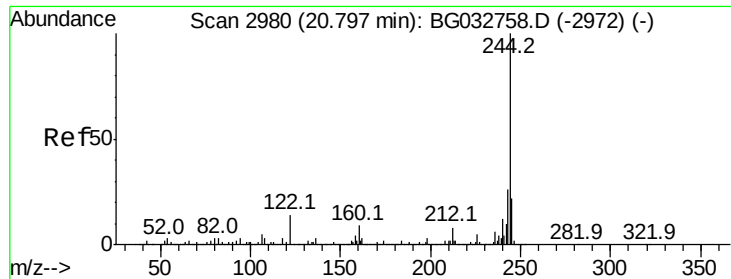
Tot Ion:248 Resp: 15905
 Ion Ratio Lower Upper
 248 100
 250 185.6 77.1 115.7#
 141 454.3 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3286
 Delta R.T. -0.01 min
 Lab File: BG033212.D
 Acq: 16 Mar 2018 23:03

Tgt Ion:240 Resp: 312875
 Ion Ratio Lower Upper
 240 100
 120 6.4 6.8 10.2#
 236 25.0 20.9 31.3





#78

Terphenyl-d14

Concen: 92.906 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

Instrument :

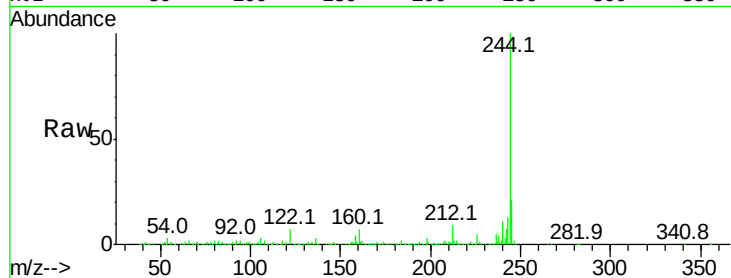
BNA_G

ClientSampleId :

PB107389TB

Tot Ion:244 Resp: 1293797

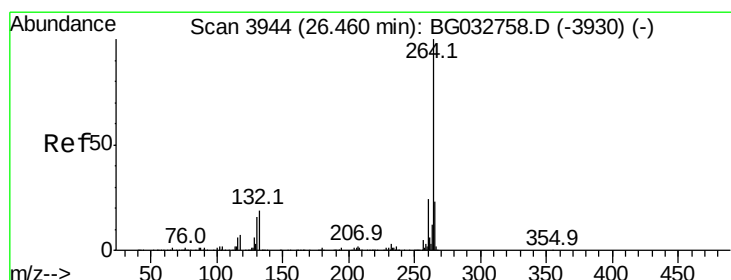
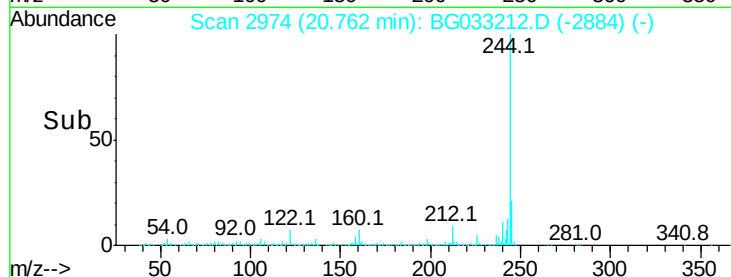
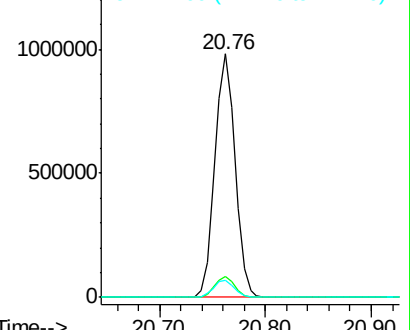
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.1	7.0	10.4



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: 26.40 min Scan# 3933

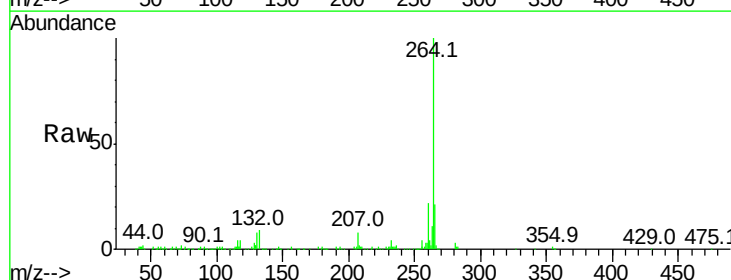
Delta R.T. -0.01 min

Lab File: BG033212.D

Acq: 16 Mar 2018 23:03

Tgt Ion:264 Resp: 332724

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.4	26.0
265	21.4	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

