

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041018\
 Data File : BG033744.D
 Acq On : 11 Apr 2018 11:55
 Operator : SJ/JU
 Sample : PB108084BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BL

Quant Time: Apr 11 13:10:41 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

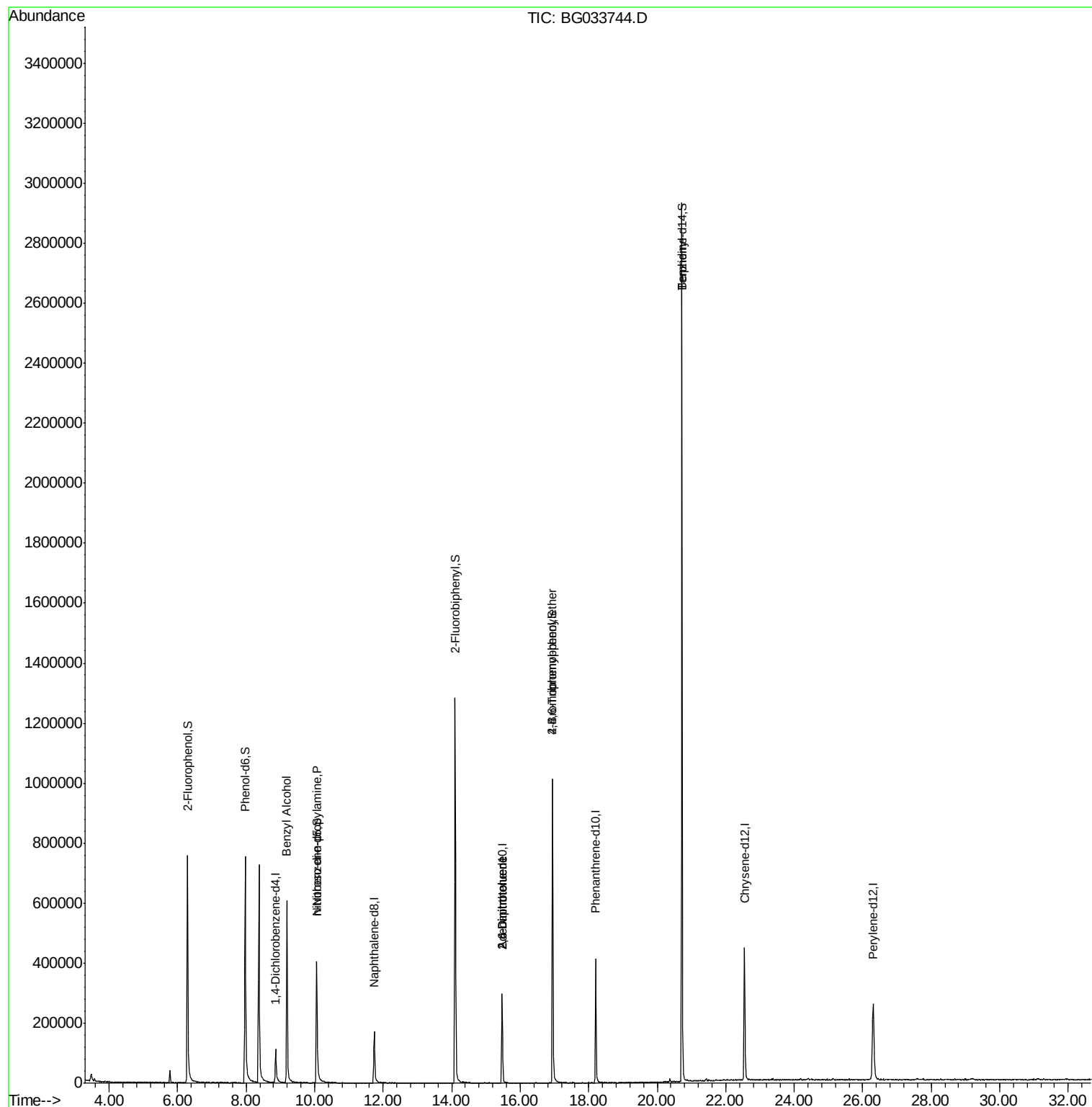
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	41992	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	166651	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	116029	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	304940	20.00	ng	0.00
75) Chrysene-d12	22.55	240	333749	20.00	ng	0.00
86) Perylene-d12	26.30	264	356982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	365583	163.25	ng	0.00
7) Phenol-d6	7.97	99	519320	134.97	ng	0.00
23) Nitrobenzene-d5	10.06	82	330492	91.11	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	204045	117.58	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	732559	91.15	ng	0.00
78) Terphenyl-d14	20.72	244	1392106	89.20	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6611	2.182	ng	# 25
19) n-Nitroso-di-n-propylamine	10.05	70	45036	15.973	ng	# 76
50) 2,6-Dinitrotoluene	15.47	165	14944	7.238	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	14944	4.916	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	15017	4.193	ng	# 1
76) Benzidine	20.72	184	23501	2.597	ng	# 92

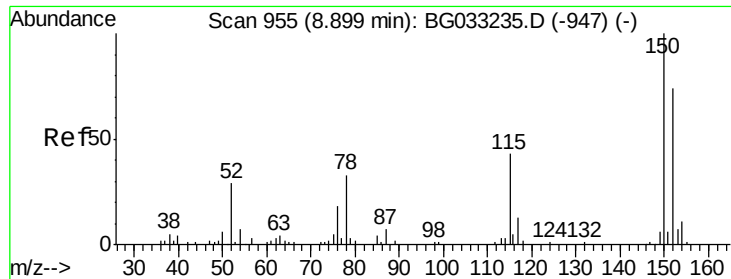
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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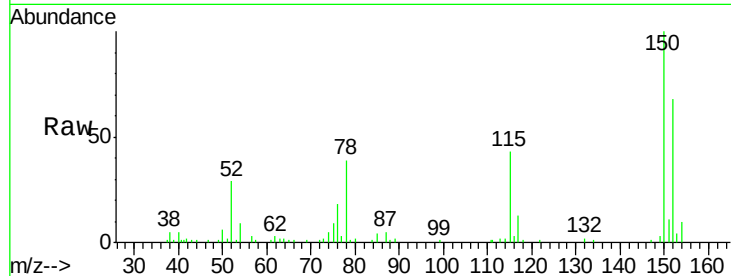


#1

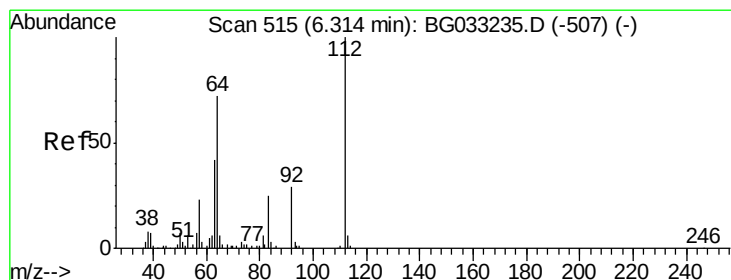
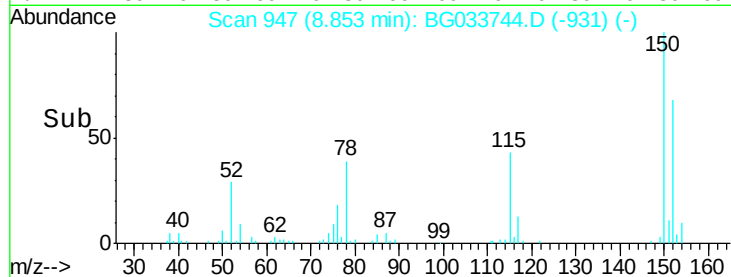
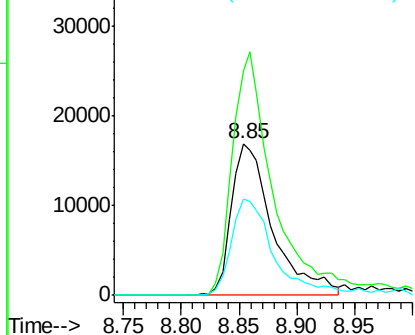
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033744.D
Acq: 11 Apr 2018 11:55

Instrument :
BNA_G
ClientSampleId :
PB108084BL

Tgt Ion:152 Resp: 41992
Ion Ratio Lower Upper
152 100
150 147.7 126.6 189.8
115 63.7 53.0 79.4



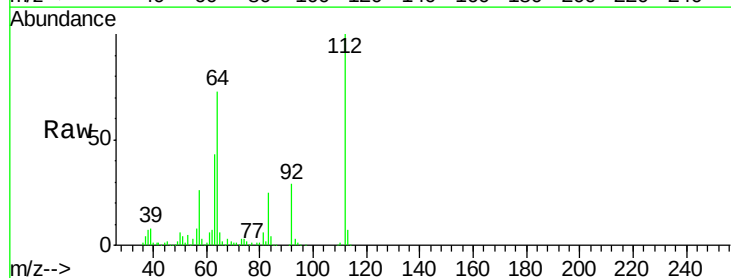
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



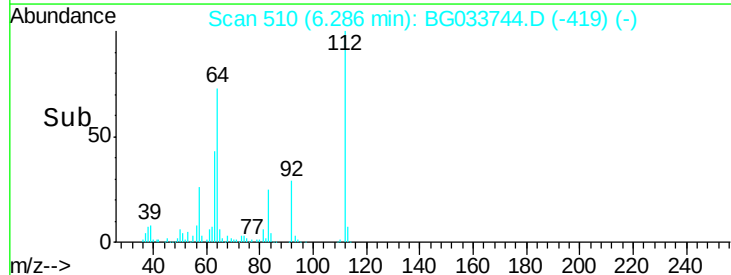
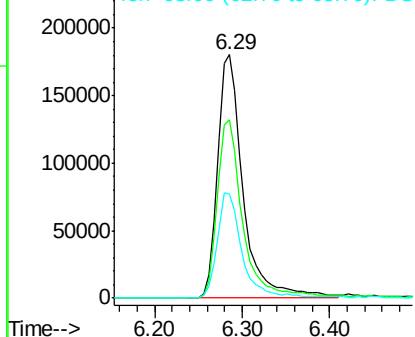
#5

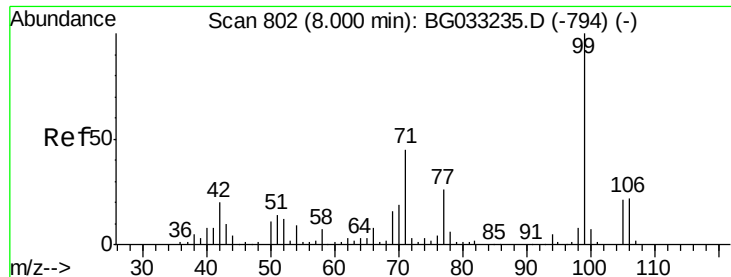
2-Fluorophenol
Concen: 163.248 ng
RT: 6.29 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033744.D
Acq: 11 Apr 2018 11:55

Tgt Ion:112 Resp: 365583
Ion Ratio Lower Upper
112 100
64 73.3 56.3 84.5
63 42.9 30.1 45.1



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





#7

Phenol-d6

Concen: 134.965 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033744.D

Acq: 11 Apr 2018 11:55

Instrument :

BNA_G

ClientSampleId :

PB108084BL

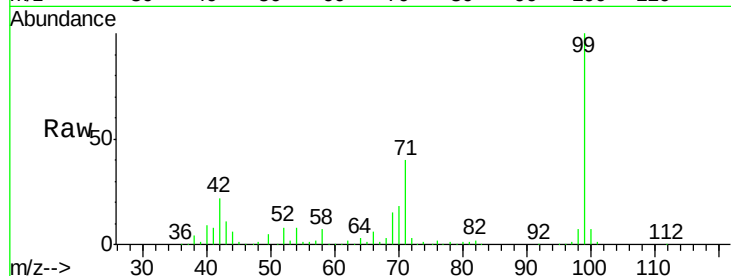
Tgt Ion: 99 Resp: 519320

Ion Ratio Lower Upper

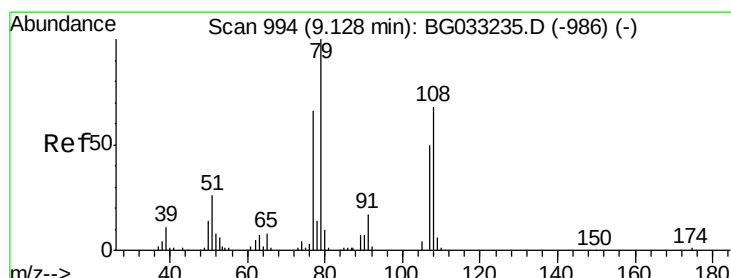
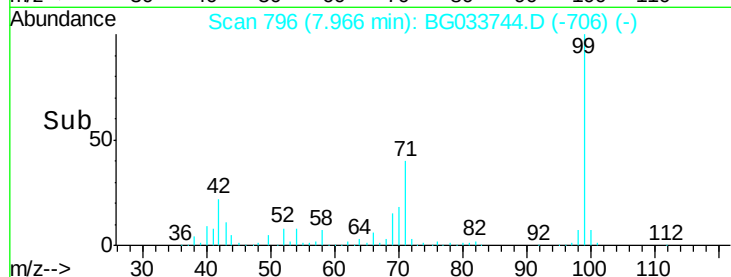
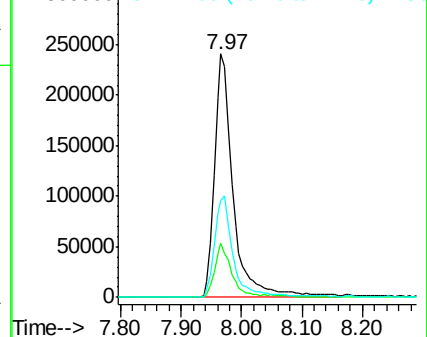
99 100

42 22.2 14.1 21.1#

71 39.8 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: 2.182 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.10 min

Lab File: BG033744.D

Acq: 11 Apr 2018 11:55

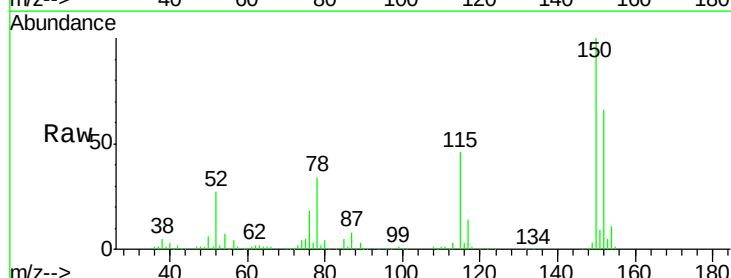
Tgt Ion: 79 Resp: 6611

Ion Ratio Lower Upper

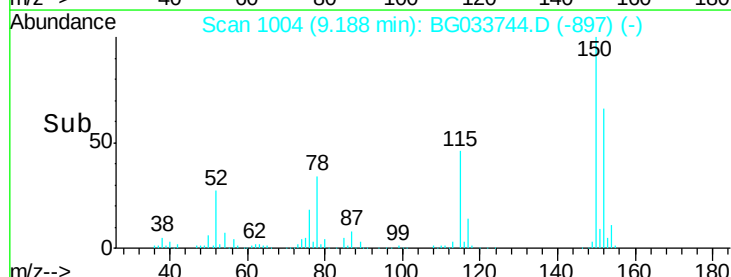
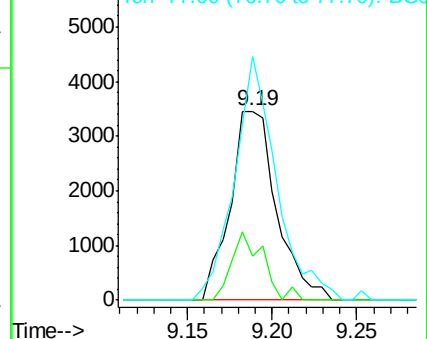
79 100

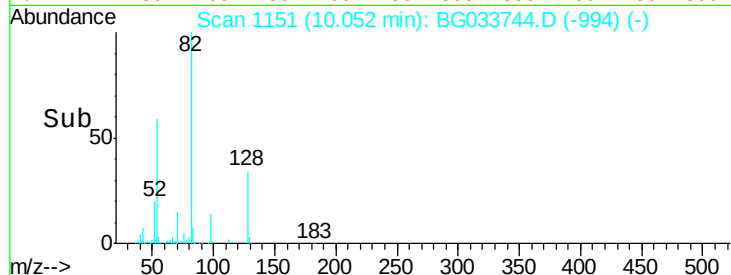
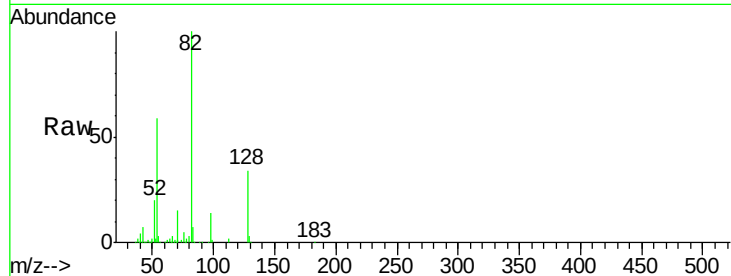
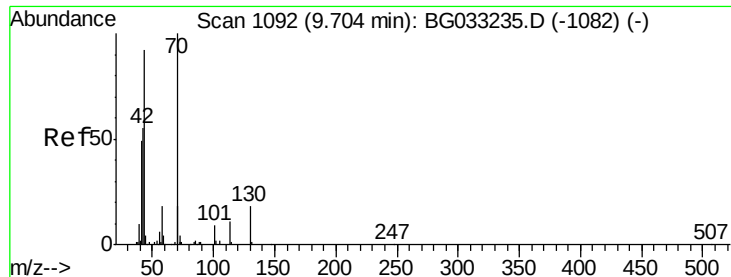
108 23.0 57.2 85.8#

77 128.7 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

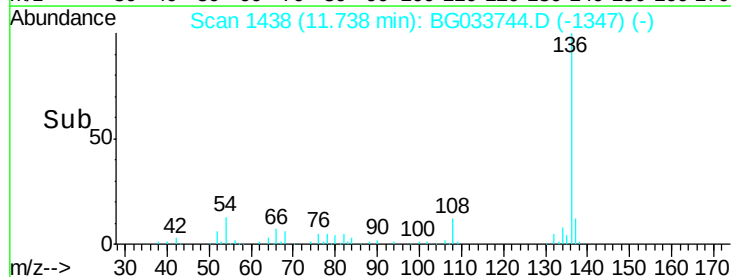
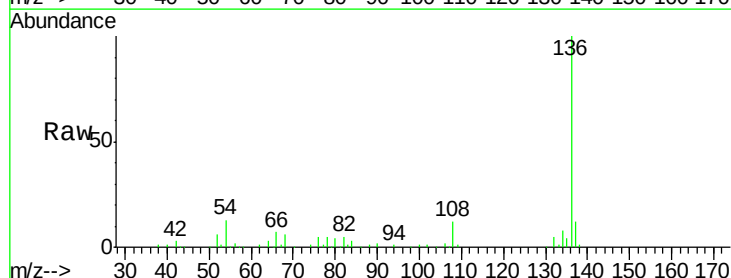
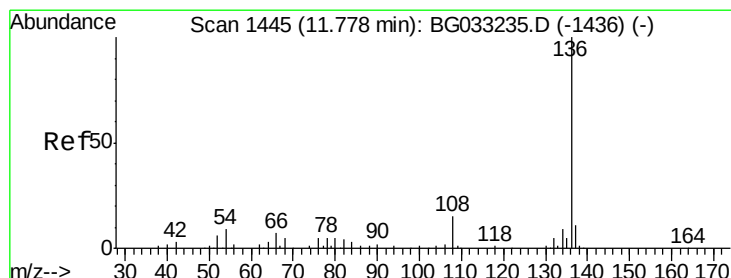
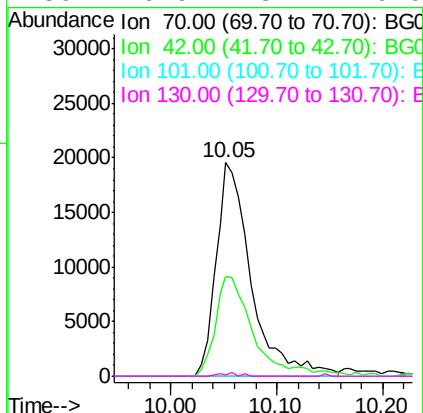




#19
n-Nitroso-di-n-propylamine
Concen: 15.973 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033744.D
Acq: 11 Apr 2018 11:55

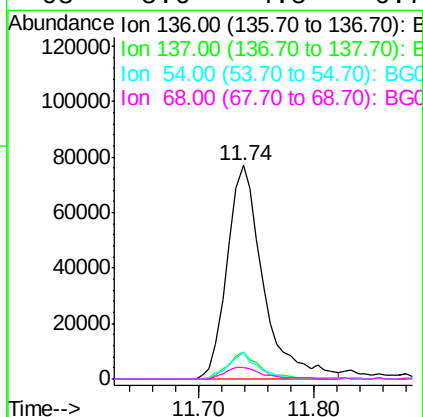
Instrument :
BNA_G
ClientSampleId :
PB108084BL

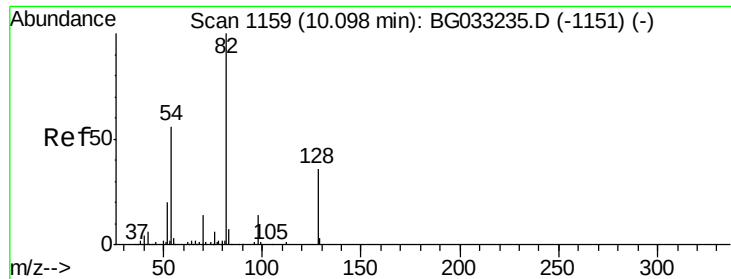
Tgt Ion:	70	Resp:	45036
Ion Ratio	Lower	Upper	
70	100		
42	46.6	49.1	73.7#
101	0.0	8.5	12.7#
130	0.9	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033744.D
Acq: 11 Apr 2018 11:55

Tgt Ion:	136	Resp:	166651
Ion Ratio	Lower	Upper	
136	100		
137	12.4	9.2	13.8
54	12.7	10.3	15.5
68	5.6	4.5	6.7

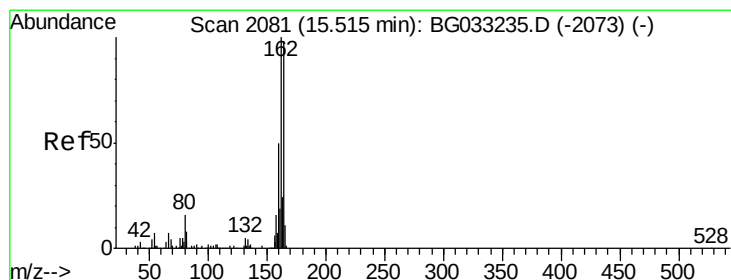
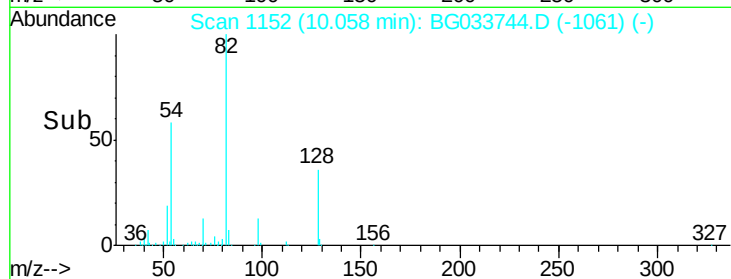
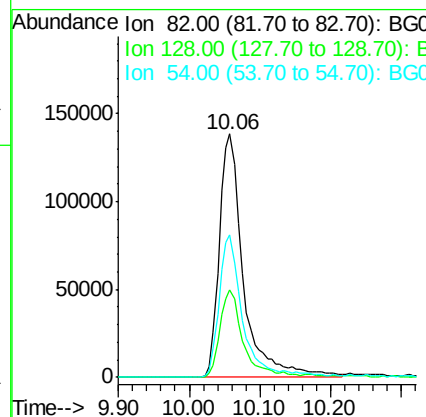
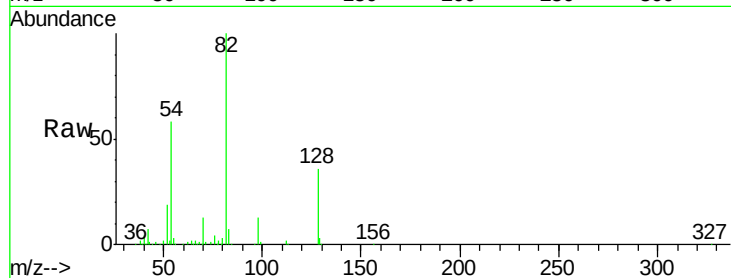




#23
 Nitrobenzene-d5
 Concen: 91.113 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033744.D
 Acq: 11 Apr 2018 11:55

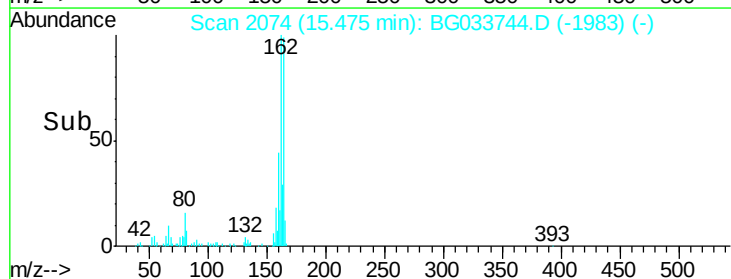
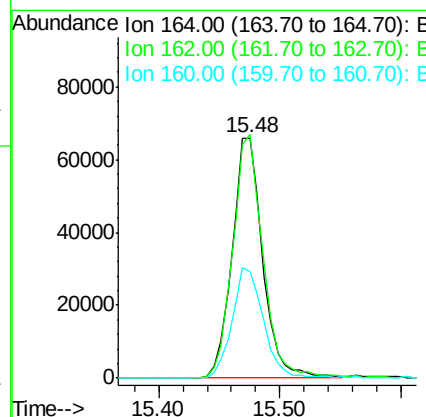
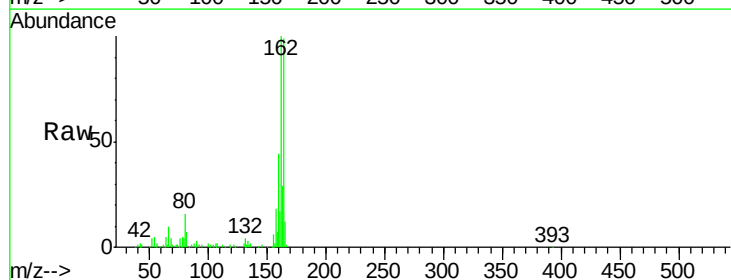
Instrument :
 BNA_G
 ClientSampleId :
 PB108084BL

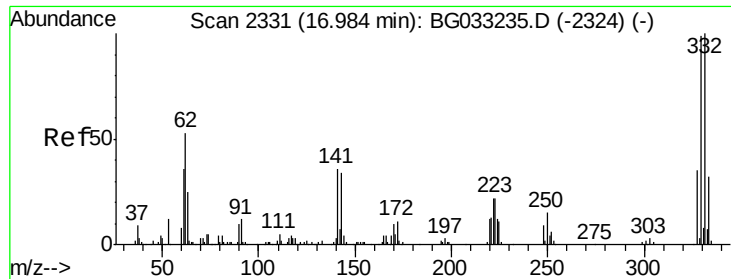
Tgt Ion: 82 Resp: 330492
 Ion Ratio Lower Upper
 82 100
 128 35.9 29.7 44.5
 54 58.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033744.D
 Acq: 11 Apr 2018 11:55

Tgt Ion: 164 Resp: 116029
 Ion Ratio Lower Upper
 164 100
 162 101.3 78.8 118.2
 160 44.3 35.4 53.0

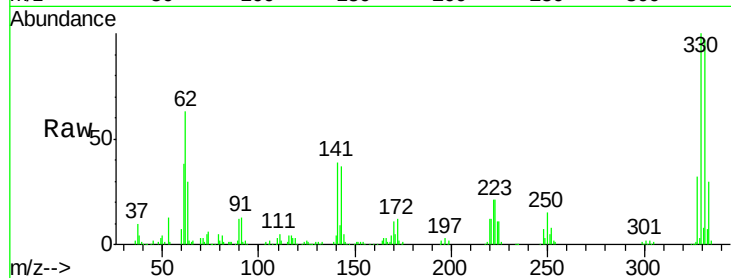




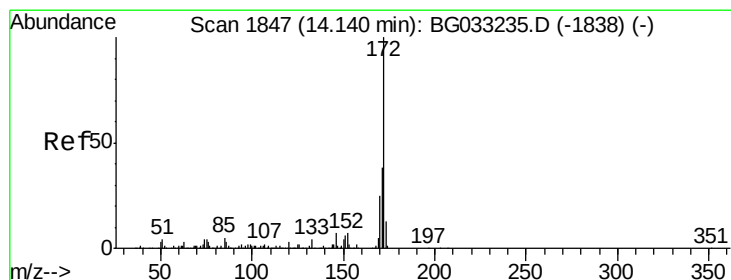
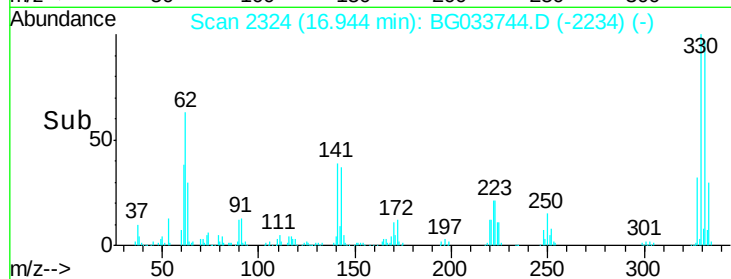
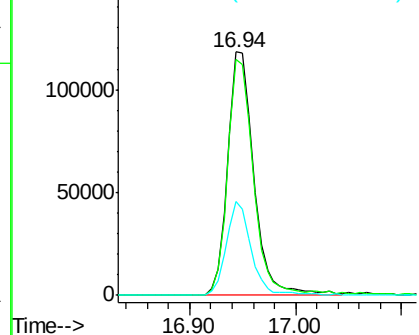
#41
 2,4,6-Tribromophenol
 Concen: 117.582 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033744.D
 Acq: 11 Apr 2018 11:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	36.6	25.2	37.8

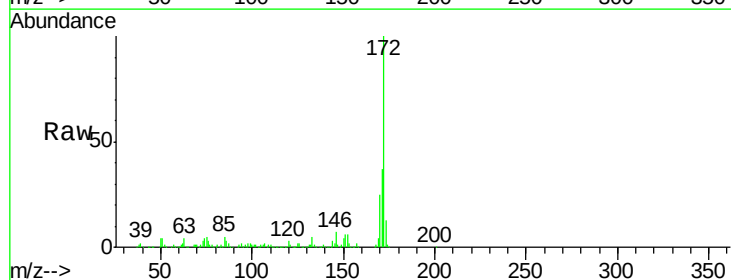


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

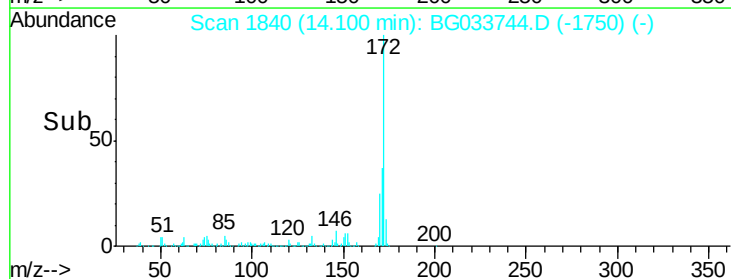
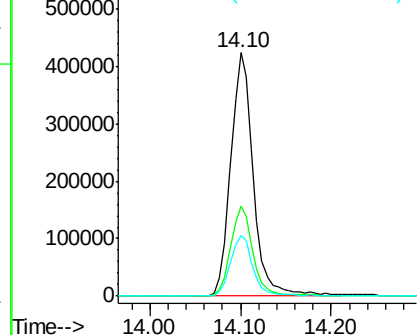


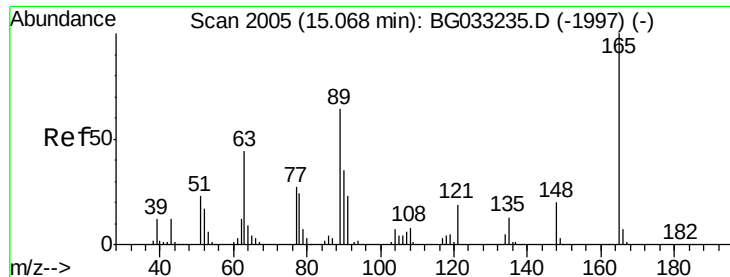
#44
 2-Fluorobiphenyl
 Concen: 91.145 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033744.D
 Acq: 11 Apr 2018 11:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.6	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

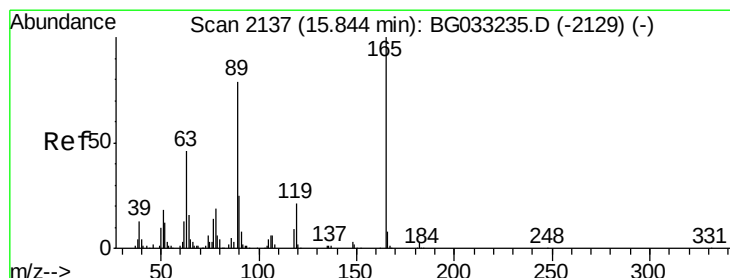
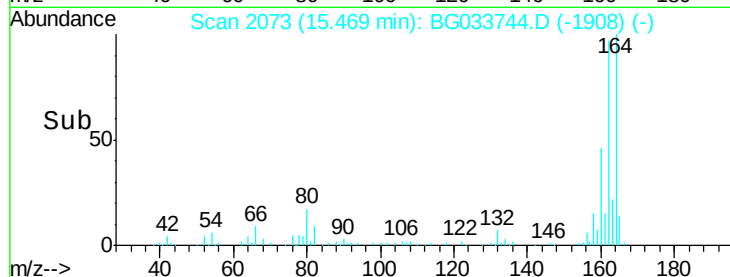
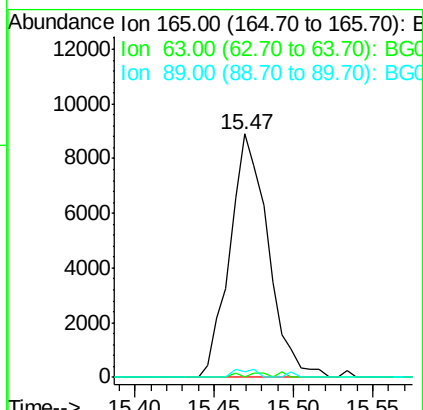
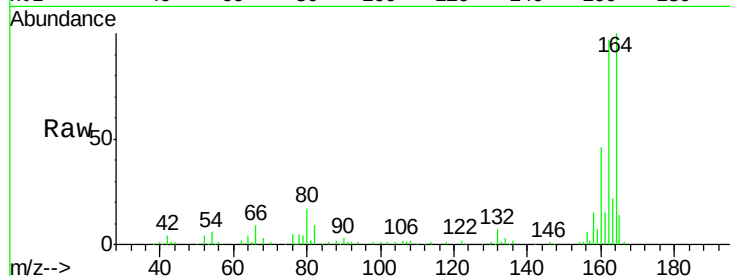




#50
 2,6-Dinitrotoluene
 Concen: 7.238 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.44 min
 Lab File: BG033744.D
 Acq: 11 Apr 2018 11:55

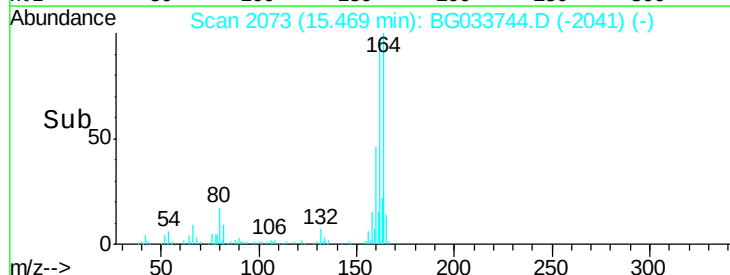
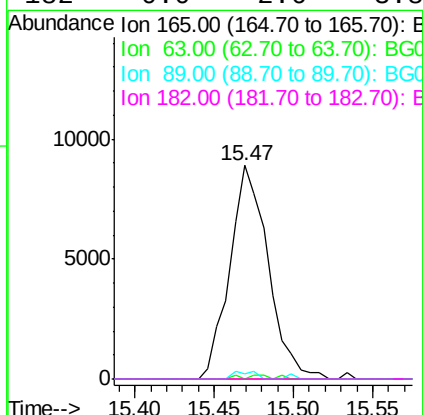
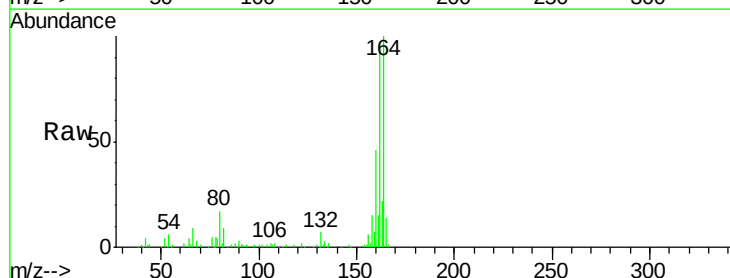
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 BNA_G
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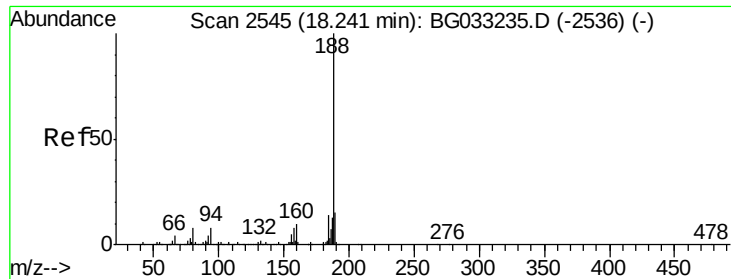
Tgt Ion:165 Resp: 14944
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.3 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.916 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.34 min
 Lab File: BG033744.D
 Acq: 11 Apr 2018 11:55

Tgt Ion:165 Resp: 14944
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.3 66.9 100.3#
 182 0.0 2.6 3.8#

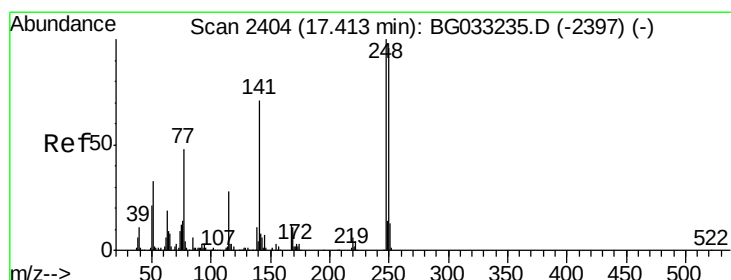
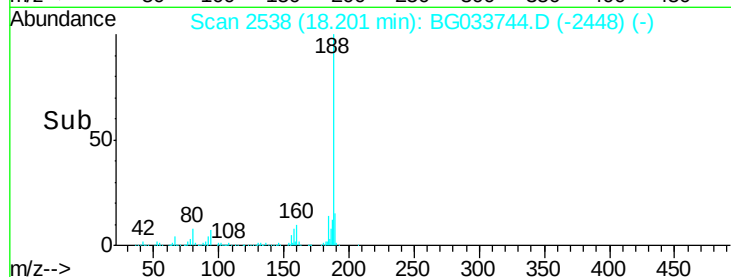
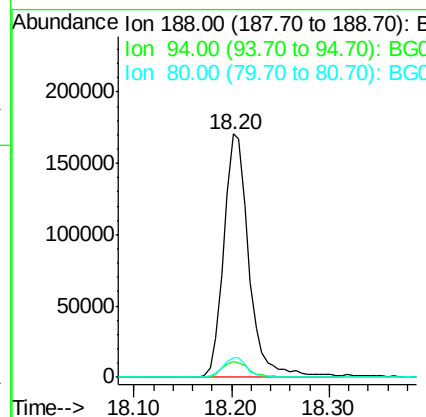
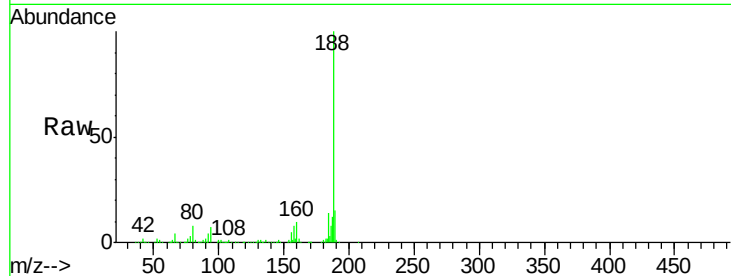




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033744.D
Acq: 11 Apr 2018 11:55

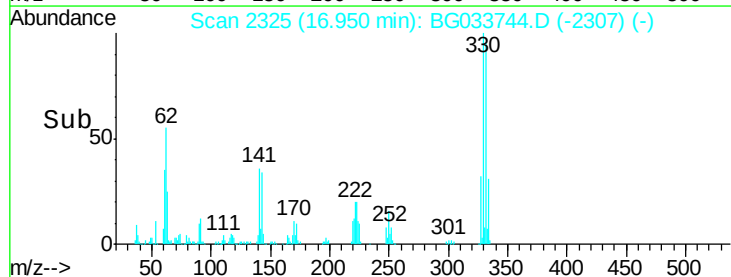
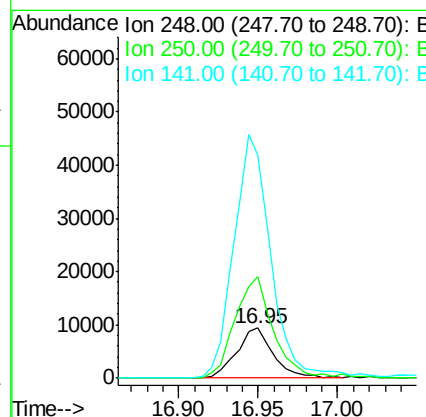
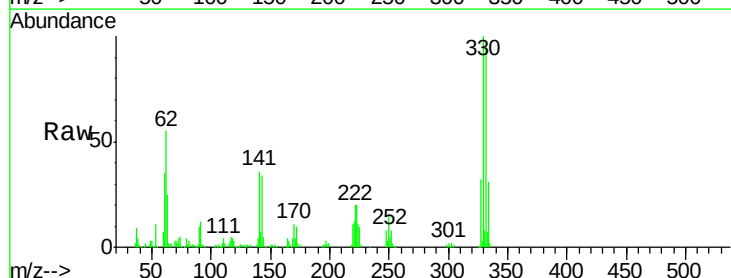
Instrument :
BNA_G
ClientSampleId :
PB108084BL

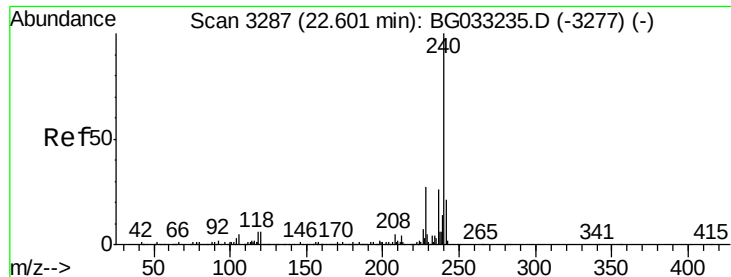
Tgt Ion:188 Resp: 304940
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 8.2 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 4.193 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033744.D
Acq: 11 Apr 2018 11:55

Tgt Ion:248 Resp: 15017
Ion Ratio Lower Upper
248 100
250 203.1 77.1 115.7#
141 448.6 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033744.D

Acq: 11 Apr 2018 11:55

Instrument :

BNA_G

ClientSampleId :

PB108084BL

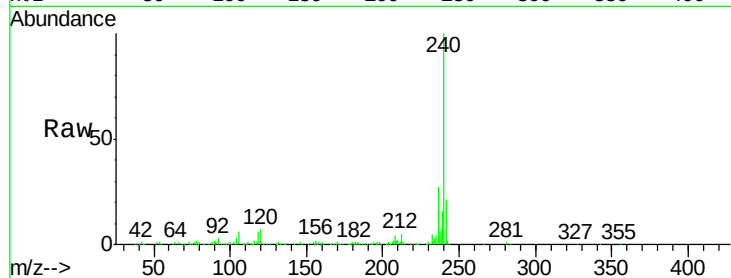
Tgt Ion:240 Resp: 333749

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

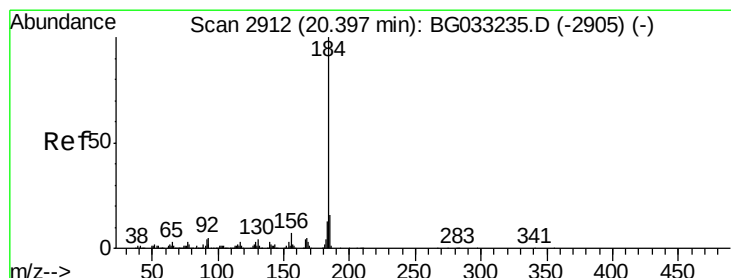
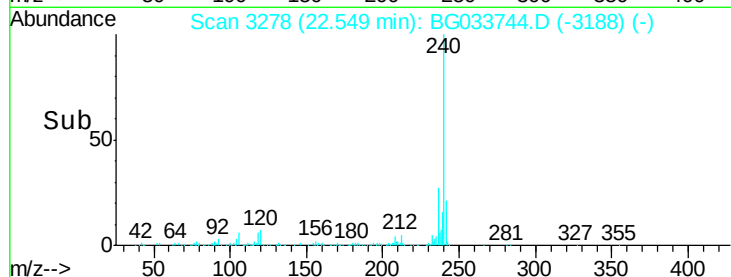
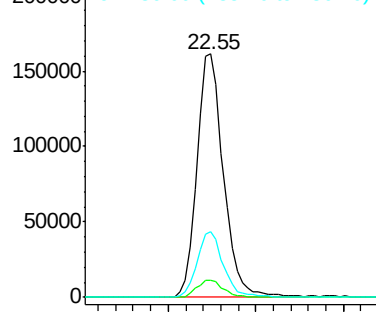
236 27.0 20.9 31.3



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



#76

Benzidine

Concen: 2.597 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033744.D

Acq: 11 Apr 2018 11:55

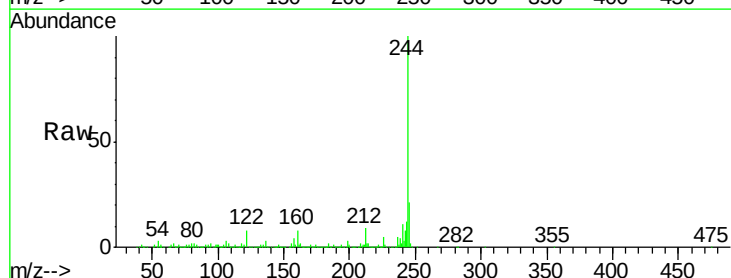
Tgt Ion:184 Resp: 23501

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

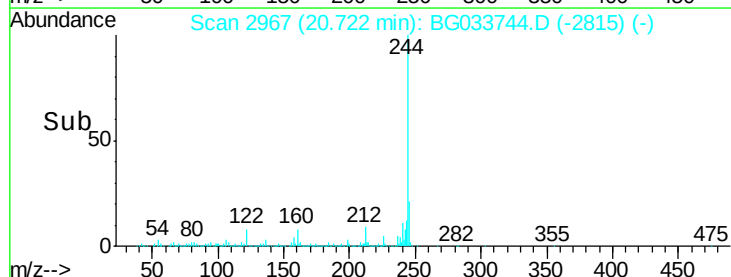
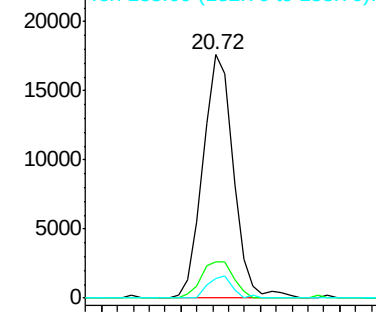
183 7.8 10.6 16.0#

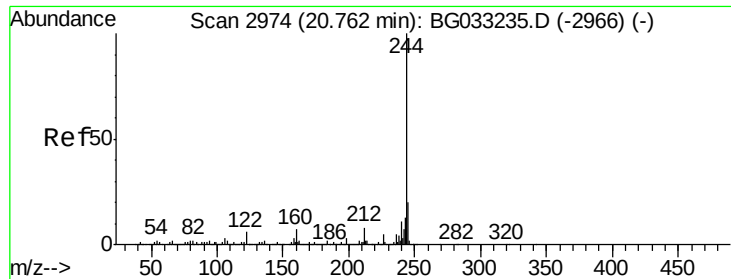


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 89.204 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033744.D

Acq: 11 Apr 2018 11:55

Instrument :

BNA_G

ClientSampleId :

PB108084BL

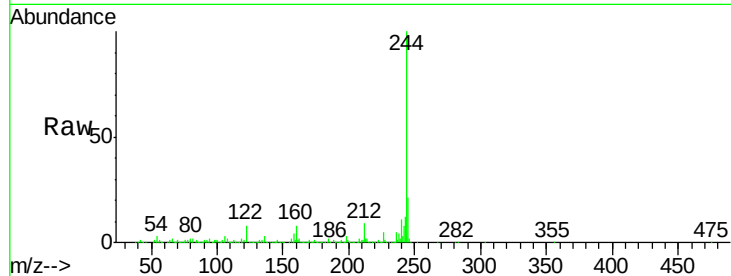
Tgt Ion:244 Resp: 1392106

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

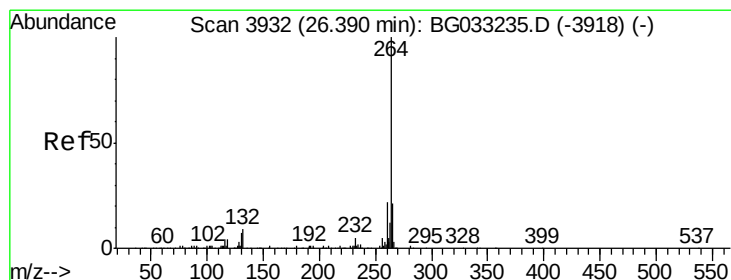
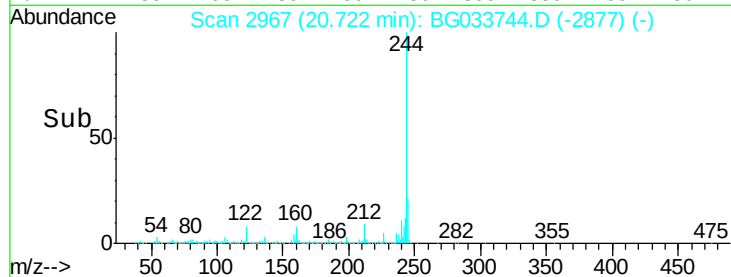
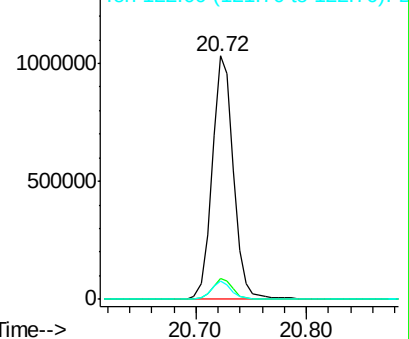
122 7.5 7.0 10.4



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: 26.30 min Scan# 3917

Delta R.T. -0.00 min

Lab File: BG033744.D

Acq: 11 Apr 2018 11:55

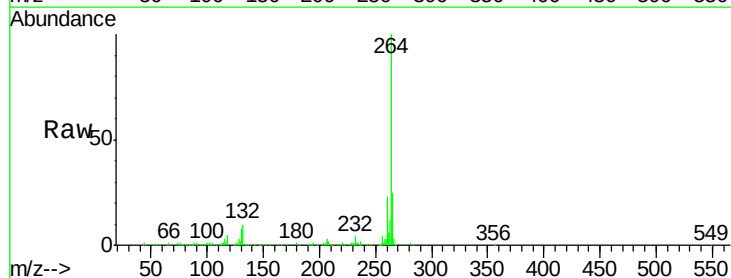
Tgt Ion:264 Resp: 356982

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 24.9 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

