

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041018\
 Data File : BG033742.D
 Acq On : 11 Apr 2018 10:40
 Operator : SJ/JU
 Sample : PB108130TB
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108130TB

Quant Time: Apr 11 11:56:43 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

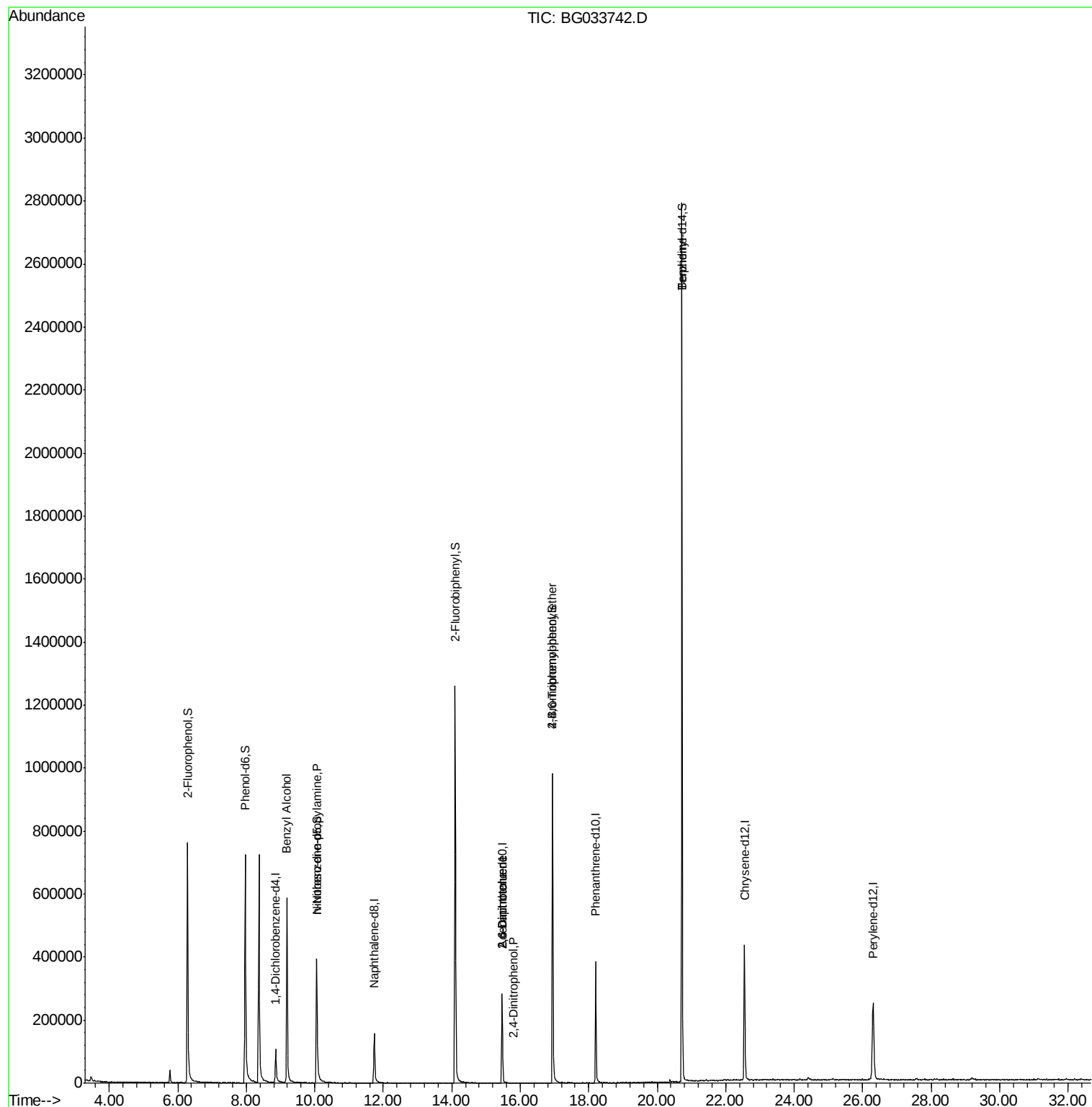
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	40438	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	161577	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	109515	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	288479	20.00	ng	0.00
75) Chrysene-d12	22.55	240	322682	20.00	ng	0.00
86) Perylene-d12	26.30	264	339806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	359678	166.78	ng	0.00
7) Phenol-d6	7.96	99	496715	134.05	ng	0.00
23) Nitrobenzene-d5	10.06	82	320131	91.03	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	194134	118.52	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	714548	94.19	ng	0.00
78) Terphenyl-d14	20.72	244	1394754	92.44	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6390	2.190	ng	# 28
19) n-Nitroso-di-n-propylamine	10.05	70	42762	15.749	ng	# 77
50) 2,6-Dinitrotoluene	15.47	165	13986	7.177	ng	# 20
53) 2,4-Dinitrophenol	15.79	184	61	7.698	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	13986	4.874	ng	# 18
66) 4-Bromophenyl-phenylether	16.94	248	15363	4.535	ng	# 1
76) Benzydine	20.72	184	23460	2.681	ng	# 92

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

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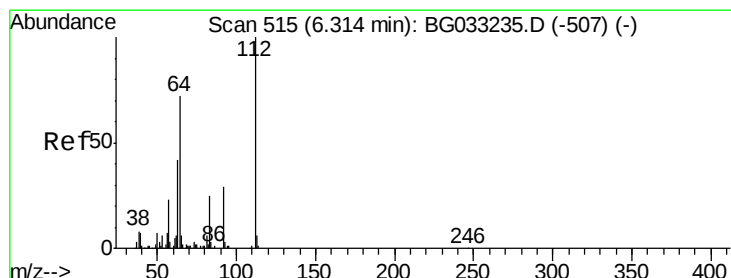
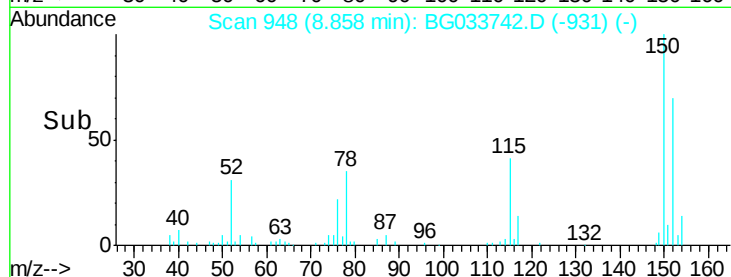
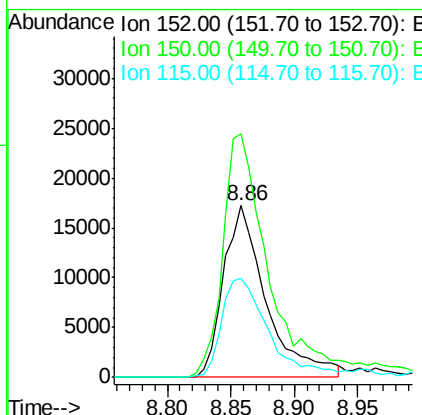
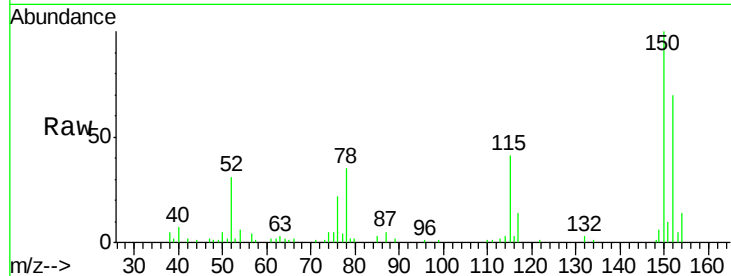




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

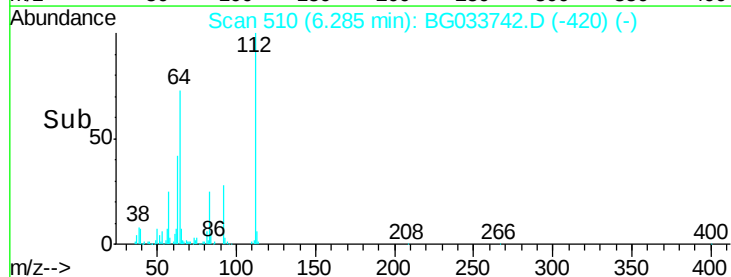
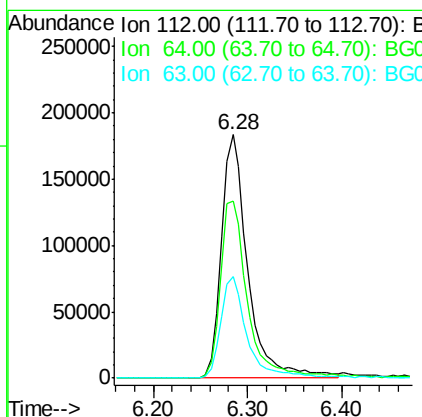
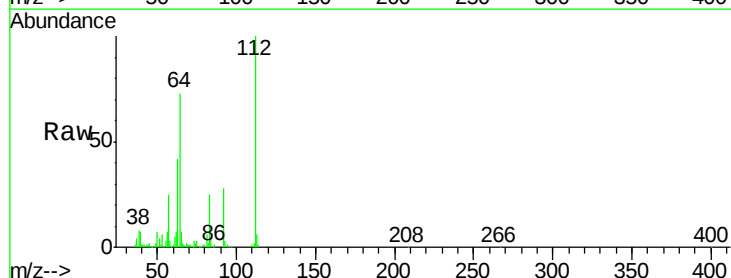
Instrument :
 BNA_G
 ClientSampleId :
 PB108130TB

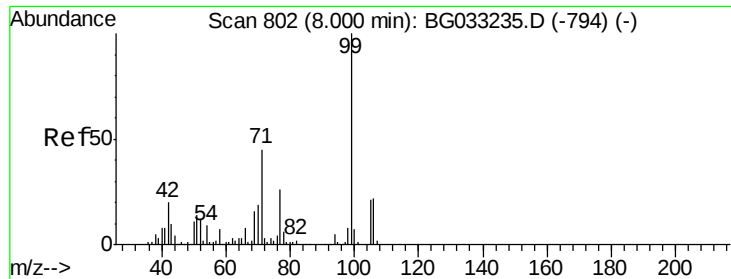
Tgt Ion:152 Resp: 40438
 Ion Ratio Lower Upper
 152 100
 150 141.9 126.6 189.8
 115 57.6 53.0 79.4



#5
 2-Fluorophenol
 Concen: 166.784 ng
 RT: 6.28 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

Tgt Ion:112 Resp: 359678
 Ion Ratio Lower Upper
 112 100
 64 72.6 56.3 84.5
 63 41.8 30.1 45.1





#7

Phenol-d6

Concen: 134.051 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033742.D

Acq: 11 Apr 2018 10:40

Instrument :

BNA_G

ClientSampleId :

PB108130TB

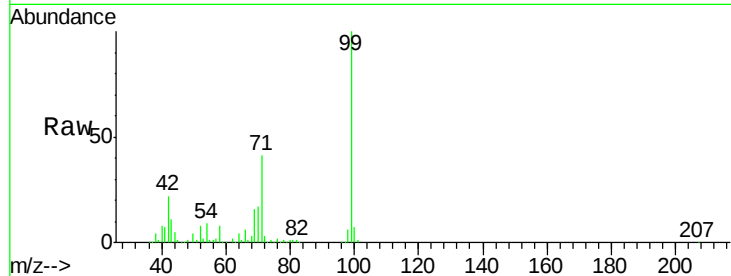
Tgt Ion: 99 Resp: 496715

Ion Ratio Lower Upper

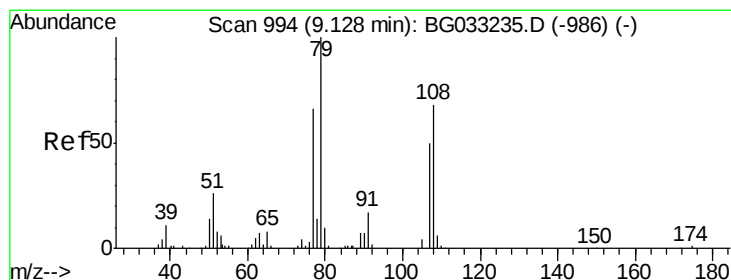
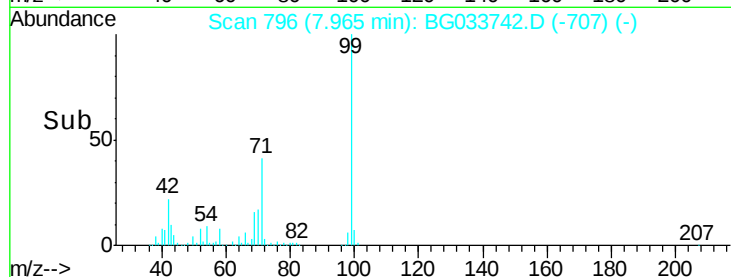
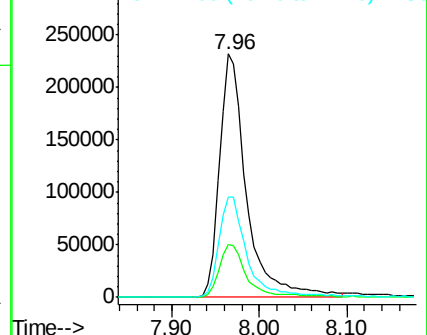
99 100

42 21.6 14.1 21.1#

71 41.2 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: 2.190 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.10 min

Lab File: BG033742.D

Acq: 11 Apr 2018 10:40

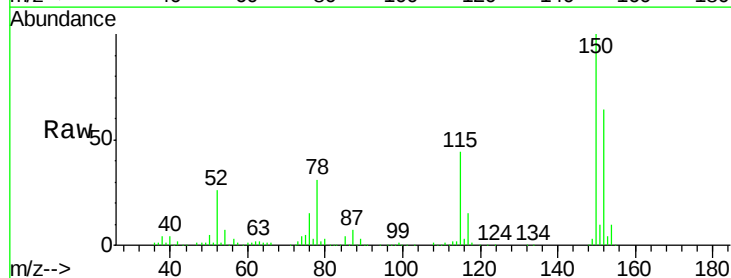
Tgt Ion: 79 Resp: 6390

Ion Ratio Lower Upper

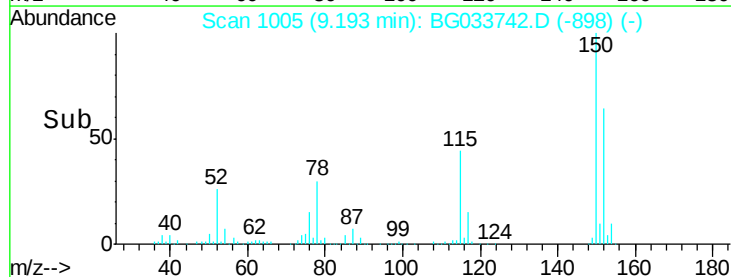
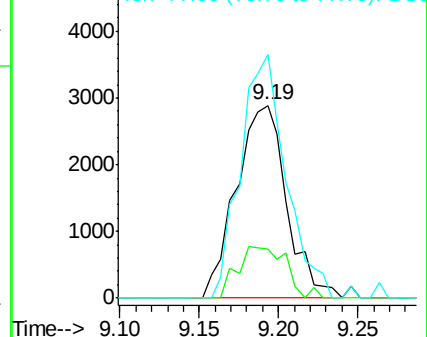
79 100

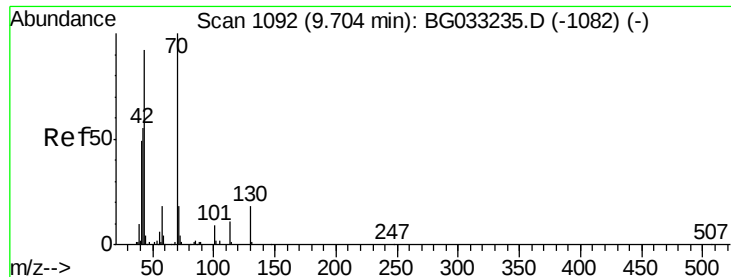
108 25.7 57.2 85.8#

77 126.6 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

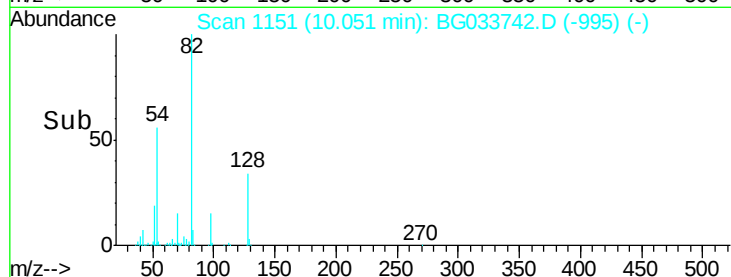
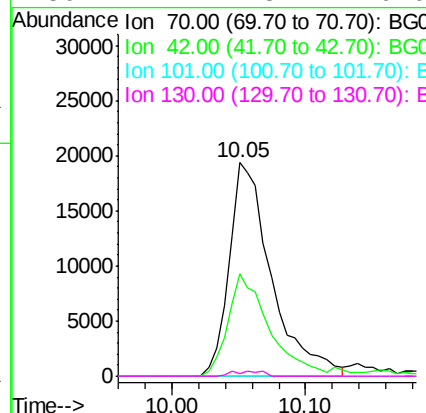
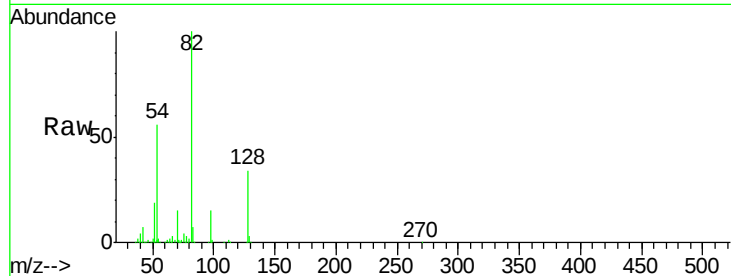




#19
n-Nitroso-di-n-propylamine
Concen: 15.749 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033742.D
Acq: 11 Apr 2018 10:40

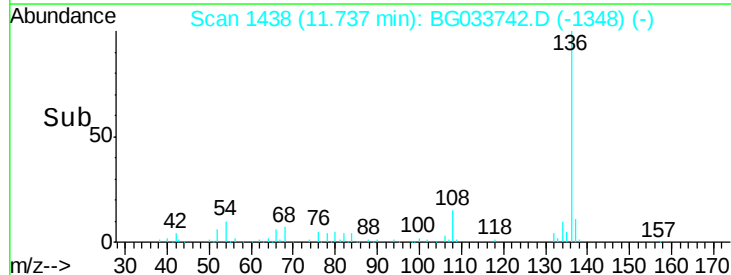
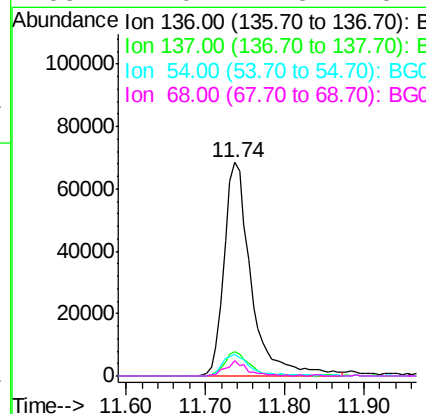
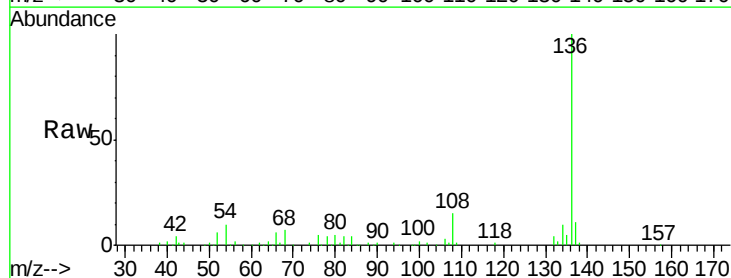
Instrument :
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ClientSampleId :
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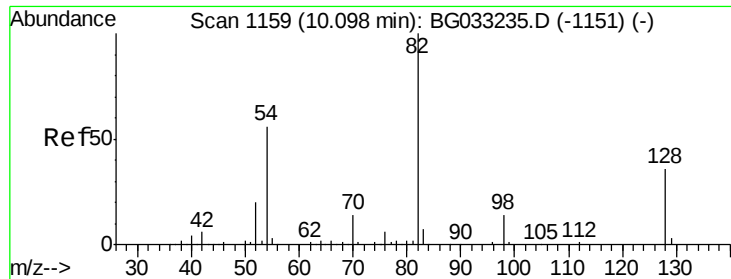
Tgt Ion: 70 Resp: 42762
Ion Ratio Lower Upper
70 100
42 47.7 49.1 73.7#
101 0.0 8.5 12.7#
130 1.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033742.D
Acq: 11 Apr 2018 10:40

Tgt Ion: 136 Resp: 161577
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.9 10.3 15.5#
68 7.0 4.5 6.7#

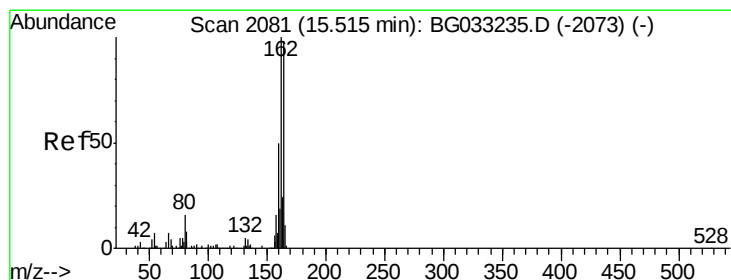
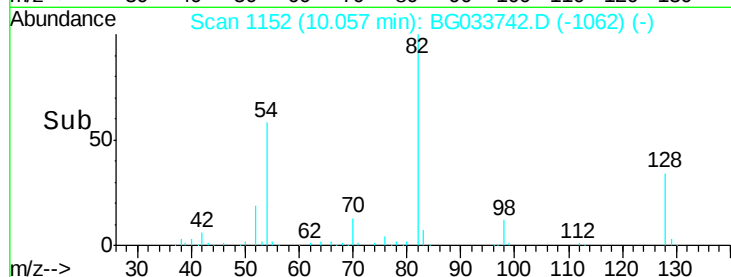
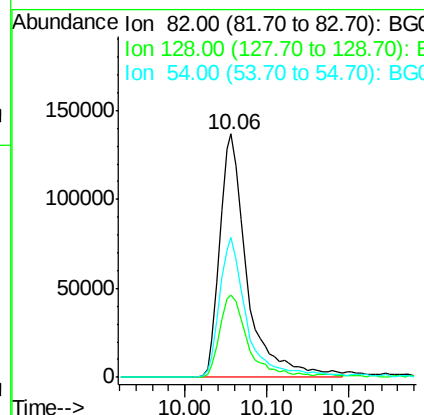
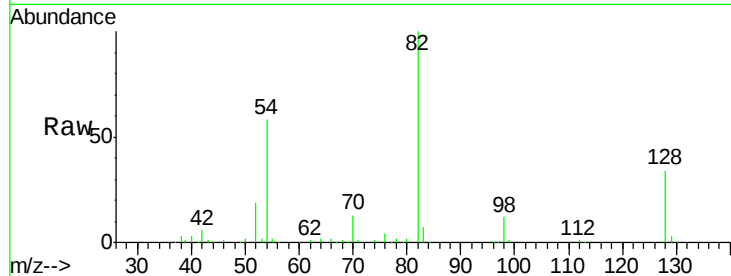




#23
 Nitrobenzene-d5
 Concen: 91.029 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

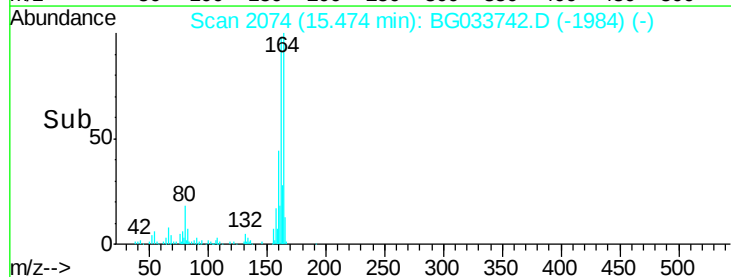
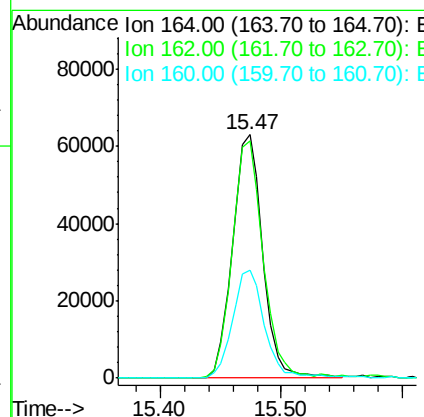
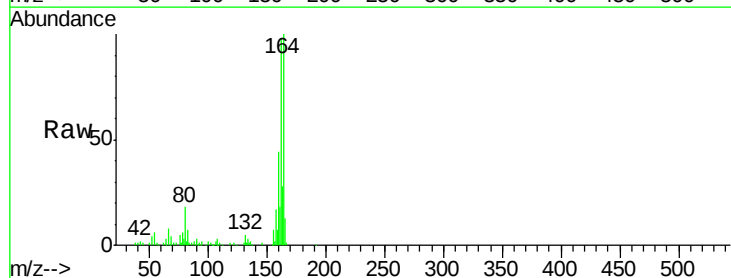
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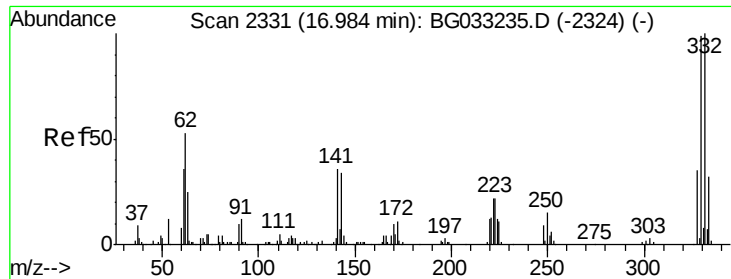
Tgt Ion: 82 Resp: 320131
 Ion Ratio Lower Upper
 82 100
 128 34.0 29.7 44.5
 54 57.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

Tgt Ion: 164 Resp: 109515
 Ion Ratio Lower Upper
 164 100
 162 97.6 78.8 118.2
 160 44.4 35.4 53.0

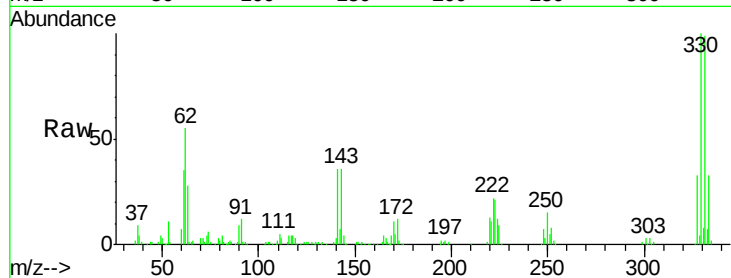




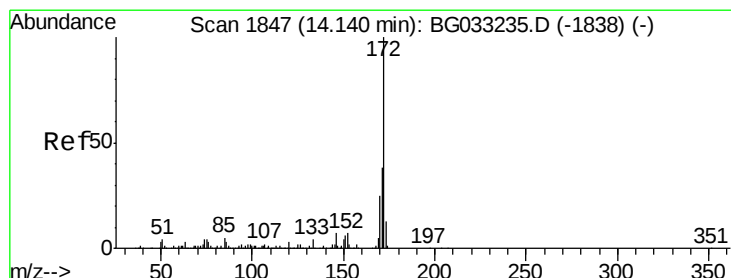
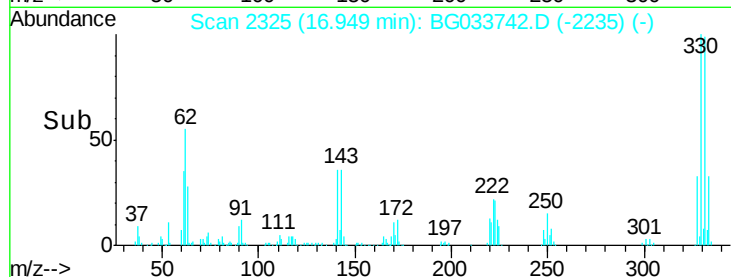
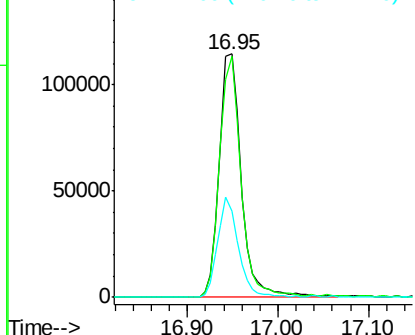
#41
 2,4,6-Tribromophenol
 Concen: 118.524 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

Instrument :
 BNA_G
 ClientSampleId :
 PB108130TB

Tgt Ion:330 Resp: 194134
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 38.7 25.2 37.8#

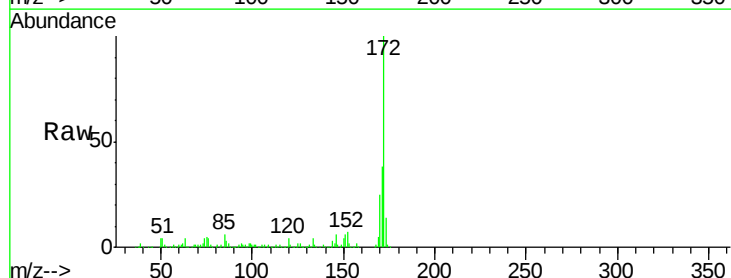


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

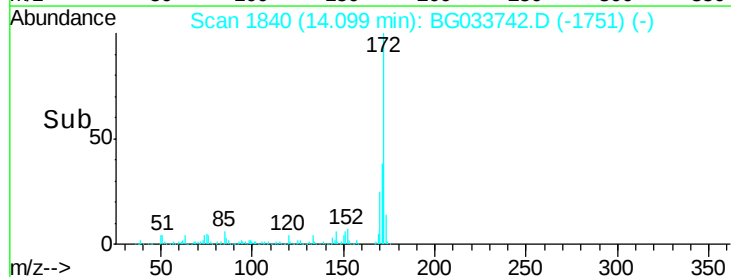
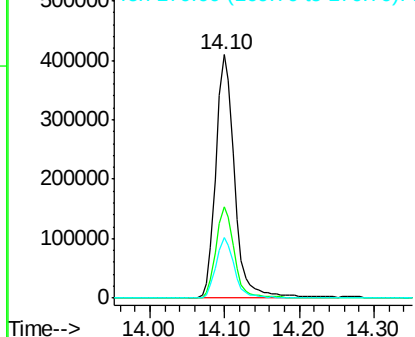


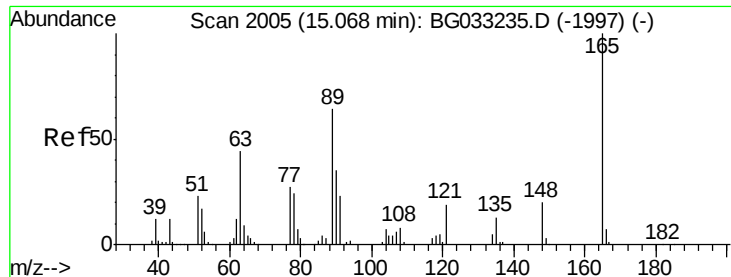
#44
 2-Fluorobiphenyl
 Concen: 94.192 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

Tgt Ion:172 Resp: 714548
 Ion Ratio Lower Upper
 172 100
 171 37.7 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

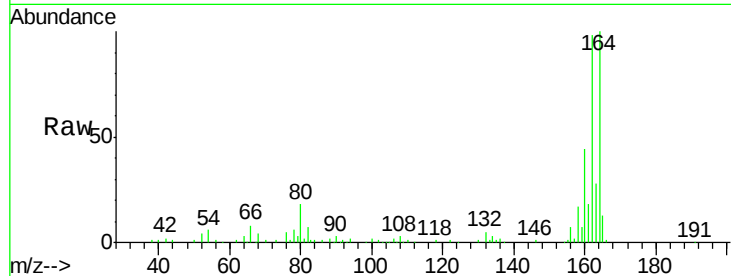




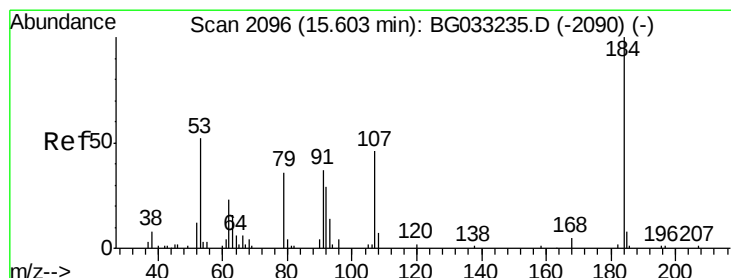
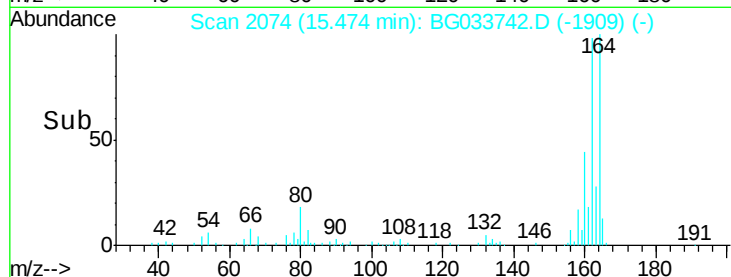
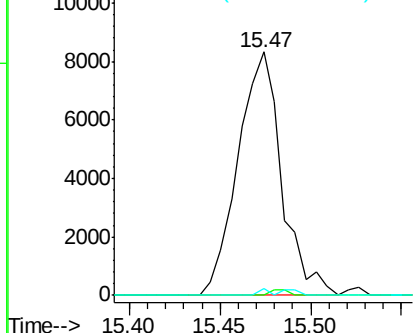
#50
2,6-Dinitrotoluene
Concen: 7.177 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033742.D
Acq: 11 Apr 2018 10:40

Instrument :
BNA_G
ClientSampleId :
PB108130TB

Tgt Ion:165 Resp: 13986
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 3.0 49.2 73.8#

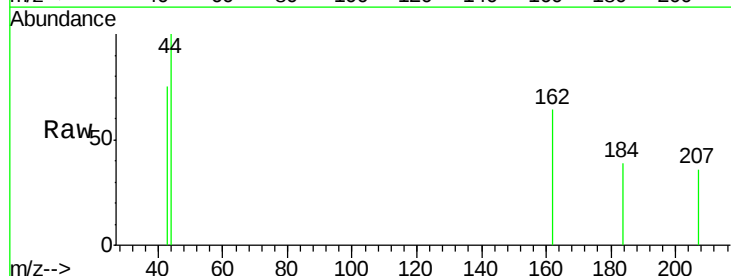


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

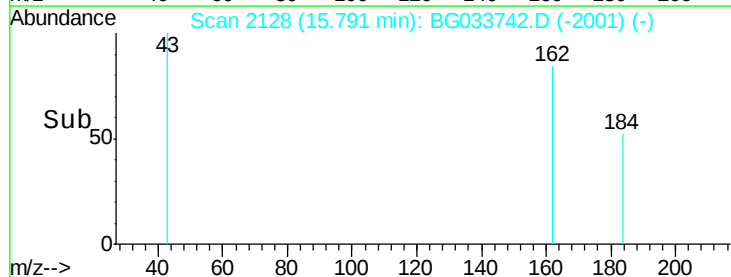
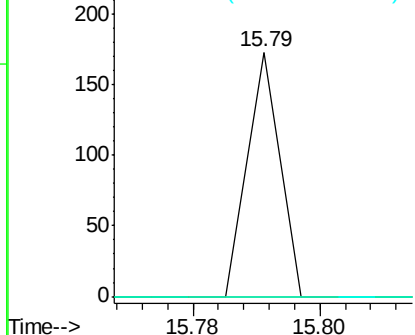


#53
2,4-Dinitrophenol
Concen: 7.698 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.22 min
Lab File: BG033742.D
Acq: 11 Apr 2018 10:40

Tgt Ion:184 Resp: 61
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

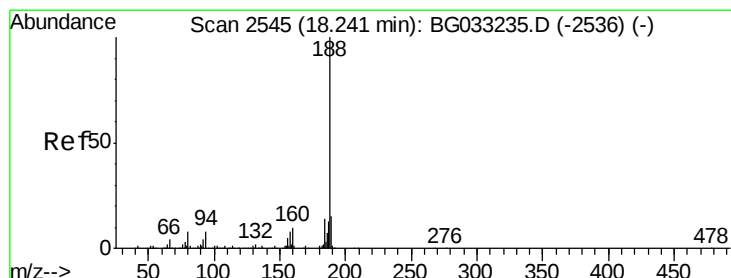
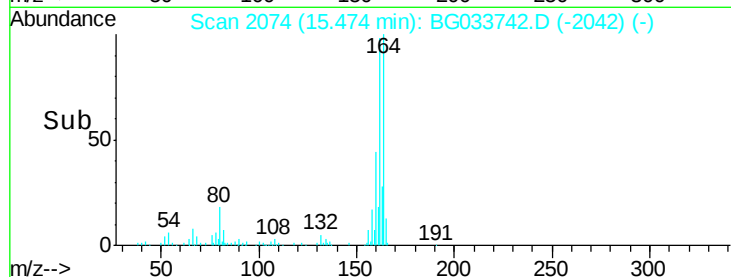
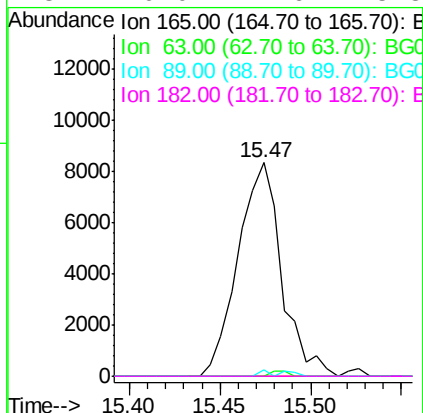
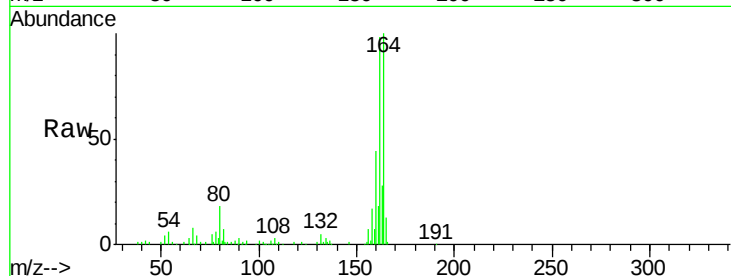




#56
 2,4-Dinitrotoluene
 Concen: 4.874 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

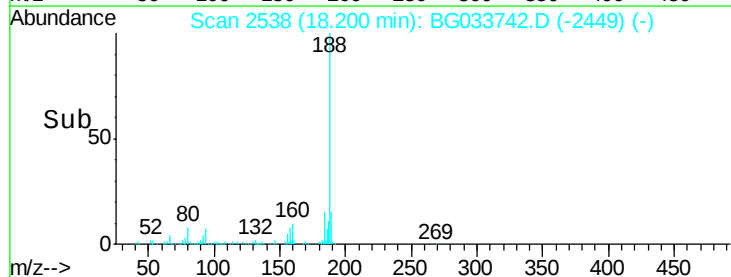
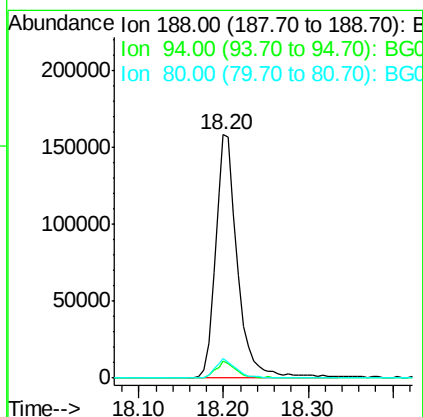
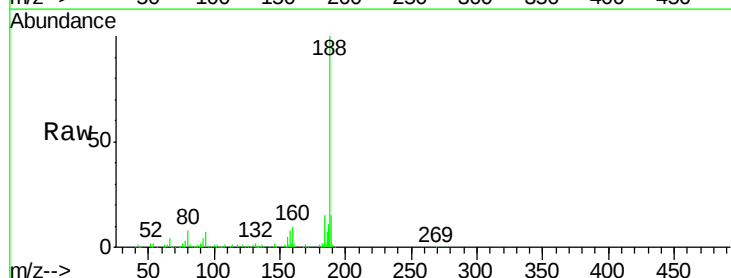
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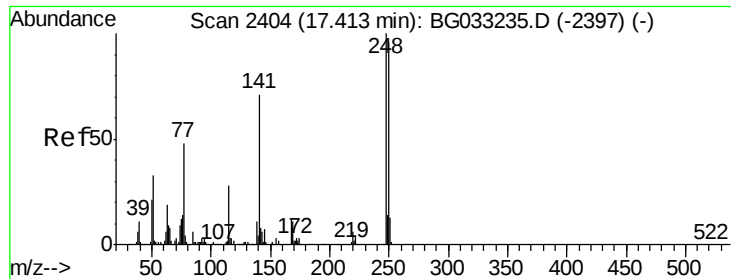
Tgt Ion:165 Resp: 13986
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

Tgt Ion:188 Resp: 288479
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.9 10.3
 80 8.1 7.7 11.5

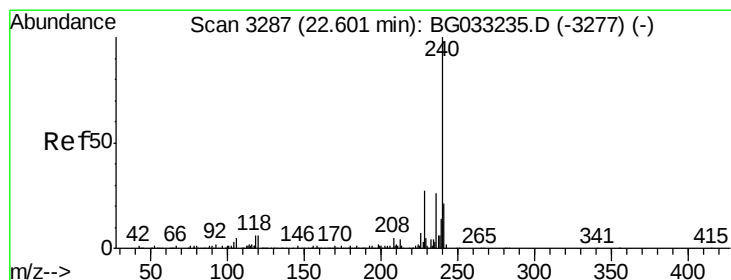
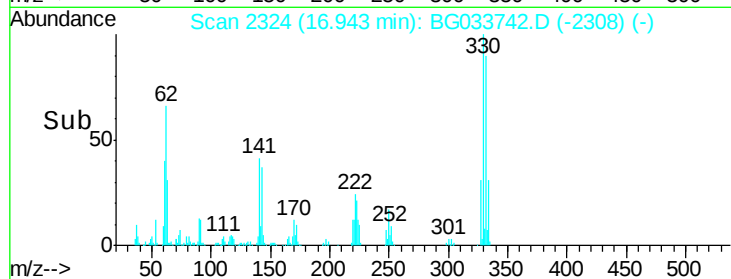
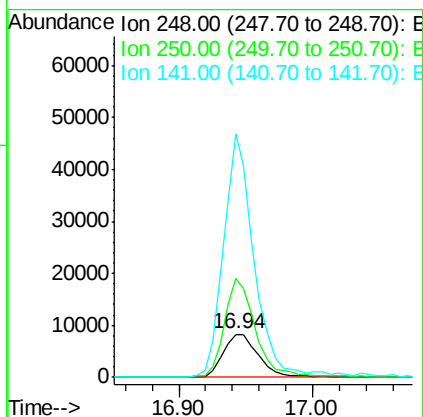
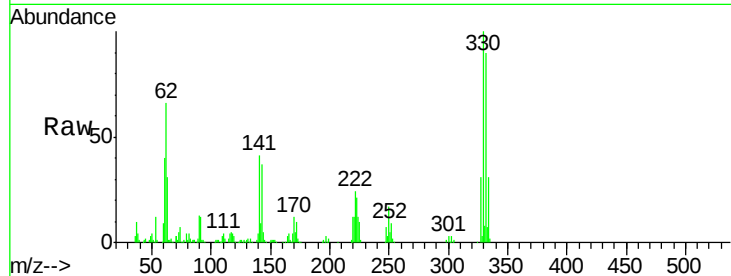




#66
 4-Bromophenyl-phenylether
 Concen: 4.535 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.43 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

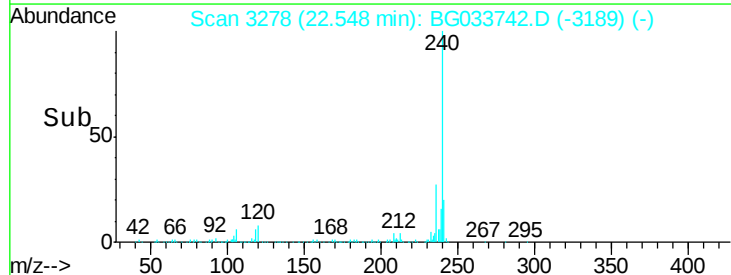
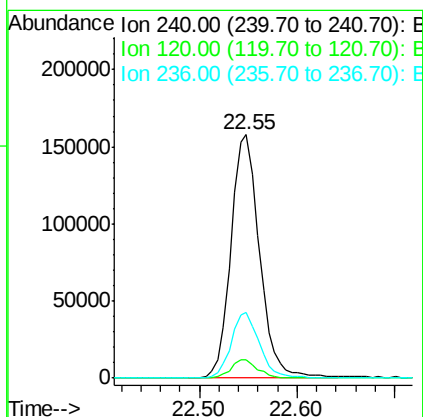
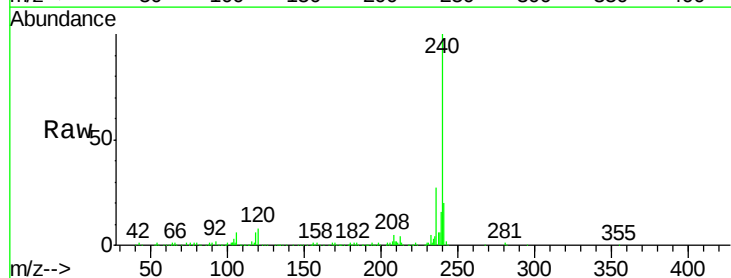
Instrument :
 BNA_G
 ClientSampleId :
 PB108130TB

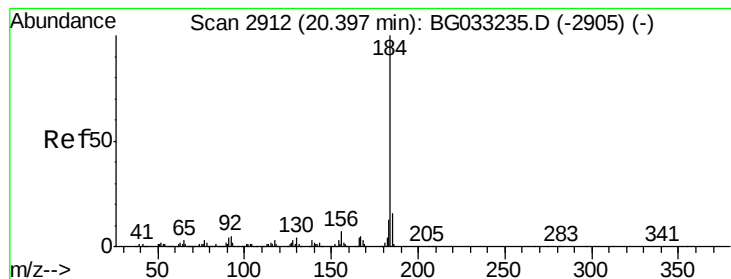
Tgt Ion:248 Resp: 15363
 Ion Ratio Lower Upper
 248 100
 250 228.6 77.1 115.7#
 141 562.9 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.01 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

Tgt Ion:240 Resp: 322682
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.8 10.2
 236 26.7 20.9 31.3





#76

Benzidine

Concen: 2.681 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033742.D

Acq: 11 Apr 2018 10:40

Instrument :

BNA_G

ClientSampleId :

PB108130TB

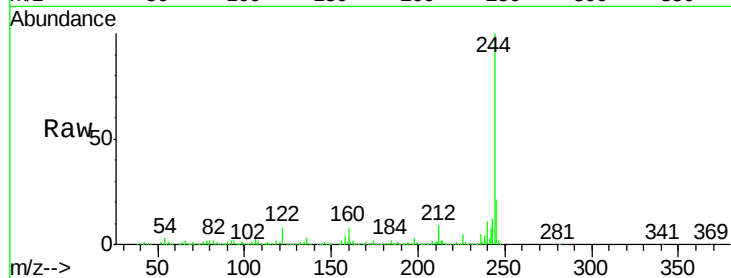
Tgt Ion:184 Resp: 23460

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

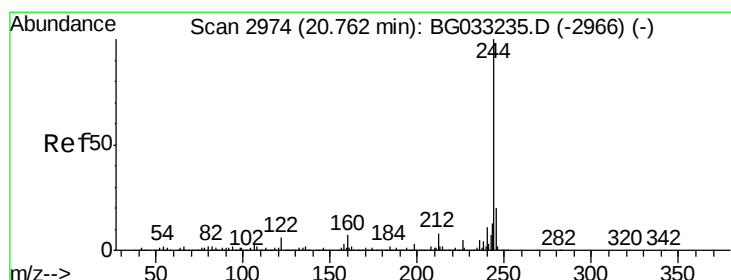
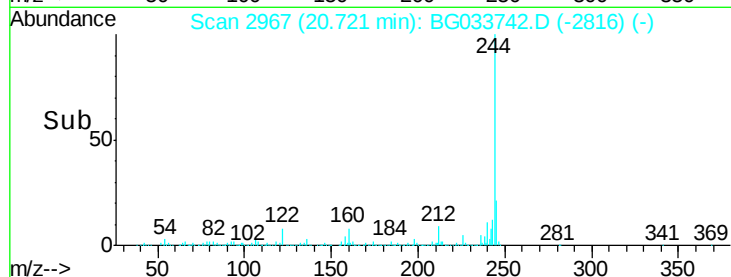
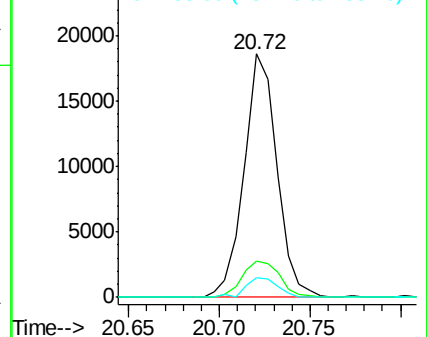
183 8.2 10.6 16.0#



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: 92.439 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033742.D

Acq: 11 Apr 2018 10:40

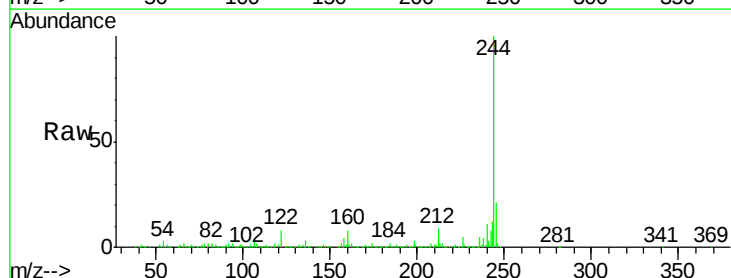
Tgt Ion:244 Resp: 1394754

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

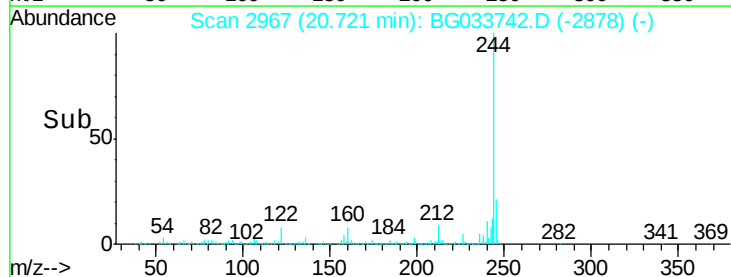
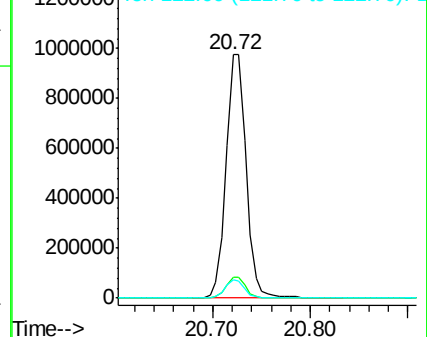
122 7.5 7.0 10.4



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

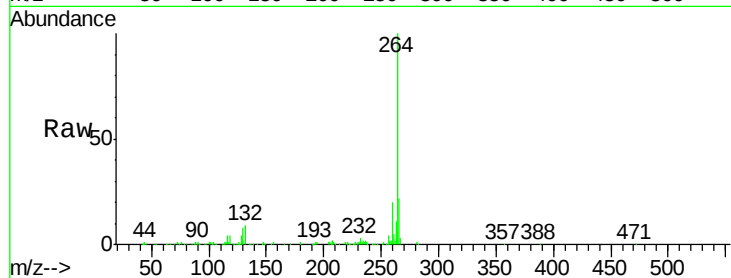




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.30 min Scan# 3917
Delta R.T. -0.01 min
Lab File: BG033742.D
Acq: 11 Apr 2018 10:40

Instrument :
BNA_G
ClientSampleId :
PB108130TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.0	17.4	26.0
265	21.5	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

