

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033844.D
 Acq On : 17 Apr 2018 9:48
 Operator : SJ/JU
 Sample : J2392-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 10:54:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

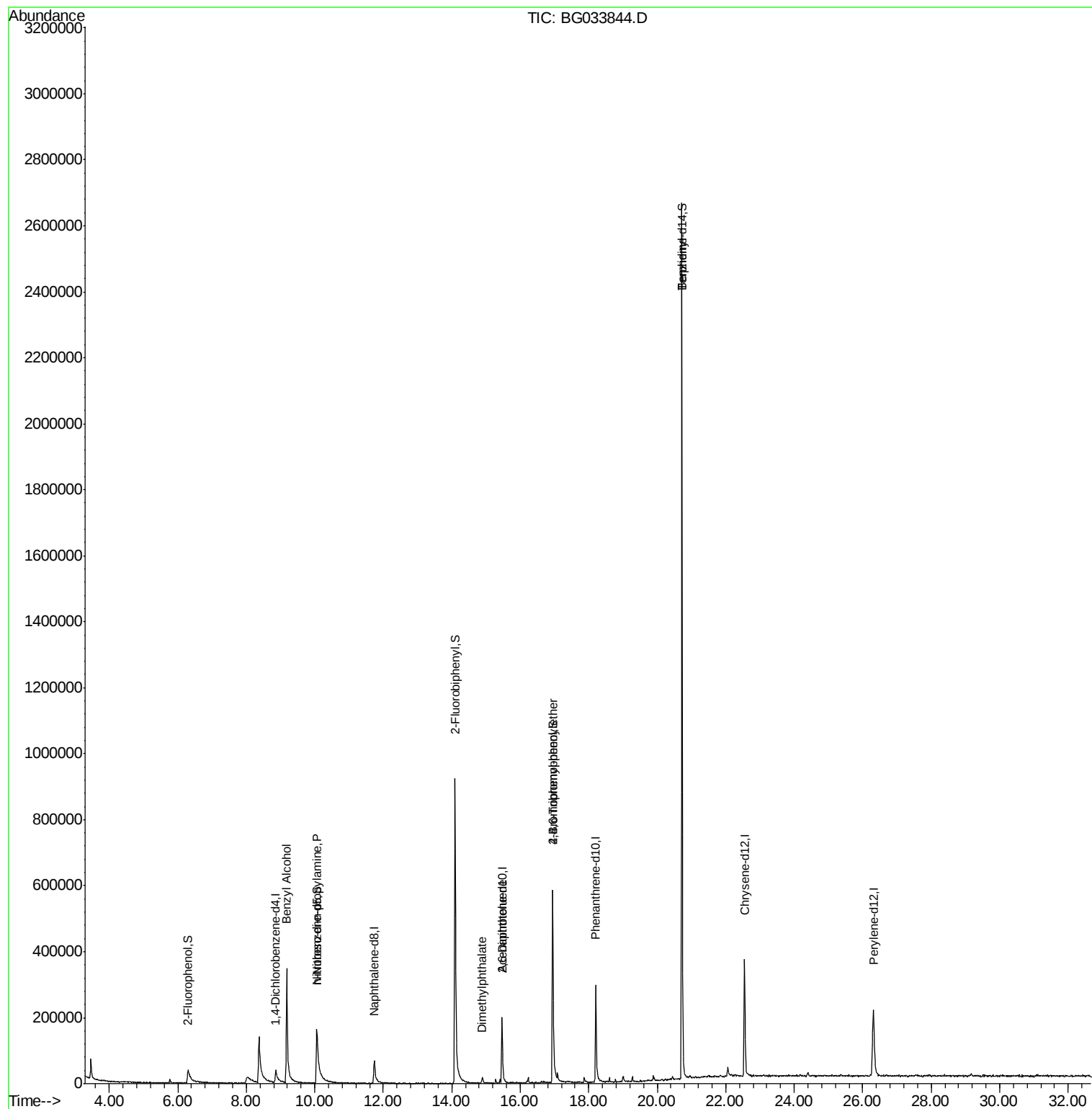
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	21522	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	111416	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	96001	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	269387	20.00	ng	0.00
75) Chrysene-d12	22.55	240	287025	20.00	ng	0.00
86) Perylene-d12	26.31	264	308952	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	36123	31.47	ng	0.00
7) Phenol-d6	8.22	99	1446	0.73	ng	0.23
23) Nitrobenzene-d5	10.06	82	250450	103.28	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	156026	108.67	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	727317	109.37	ng	0.00
78) Terphenyl-d14	20.72	244	1430506	106.59	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4342	2.796	ng	# 63
19) n-Nitroso-di-n-propylamine	10.06	70	28324	19.600	ng	# 84
49) Dimethylphthalate	14.90	163	18144	2.172	ng	# 91
50) 2,6-Dinitrotoluene	15.47	165	10967	6.420	ng	# 20
66) 4-Bromophenyl-phenylether	16.94	248	10735	3.393	ng	# 1
76) Benzidine	20.72	184	23775	3.054	ng	# 91

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

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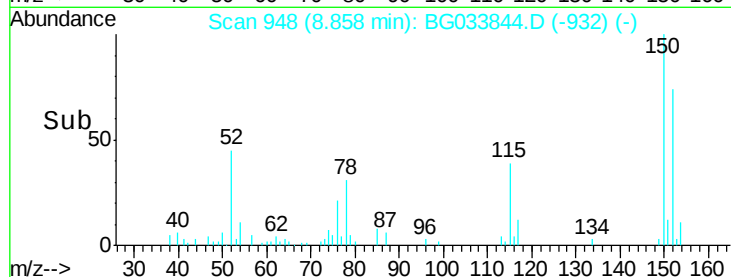
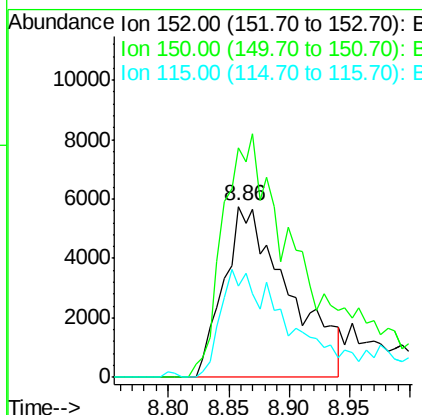
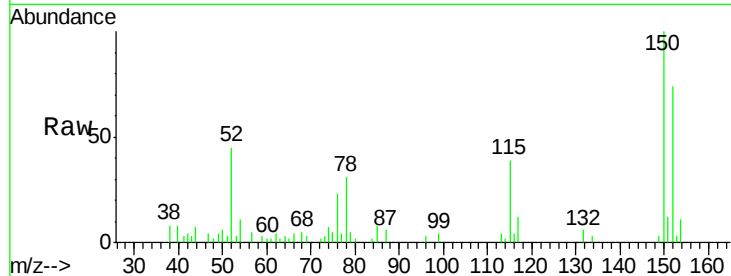


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033844.D
Acq: 17 Apr 2018 9:48

Instrument :
BNA_G
ClientSampleId :

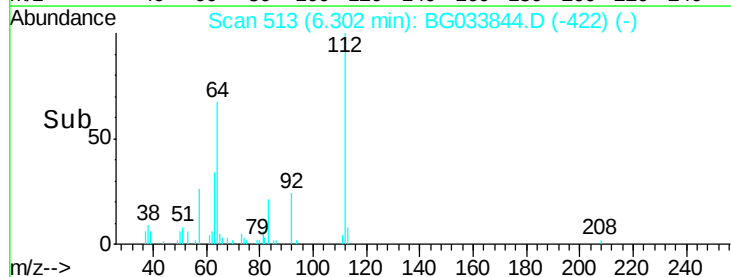
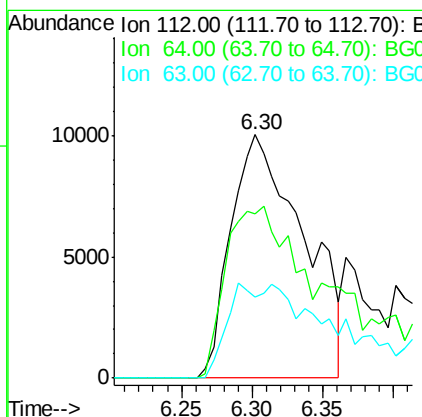
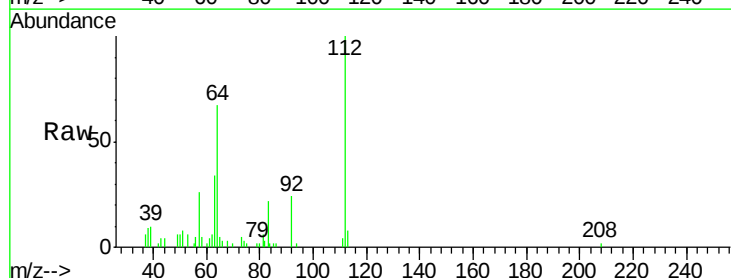
Tot Ion:152 Resp: 21522
Ion Ratio Lower Upper
152 100
150 134.8 126.6 189.8
115 53.2 53.0 79.4

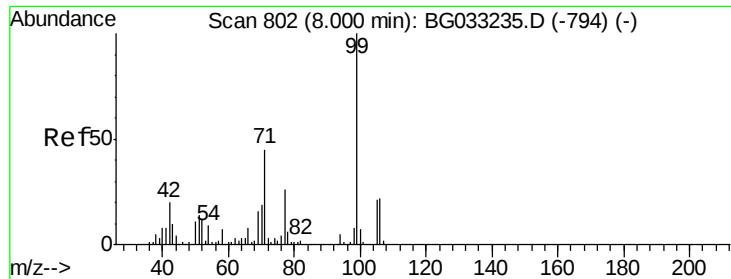


#5

2-Fluorophenol
Concen: 31.472 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033844.D
Acq: 17 Apr 2018 9:48

Tgt Ion:112 Resp: 36123
Ion Ratio Lower Upper
112 100
64 67.3 56.3 84.5
63 33.5 30.1 45.1





#7

Phenol-d6

Concen: 0.733 ng

RT: 8.22 min Scan# 839

Delta R.T. 0.23 min

Lab File: BG033844.D

Acq: 17 Apr 2018 9:48

Instrument :

BNA_G

ClientSampleId :

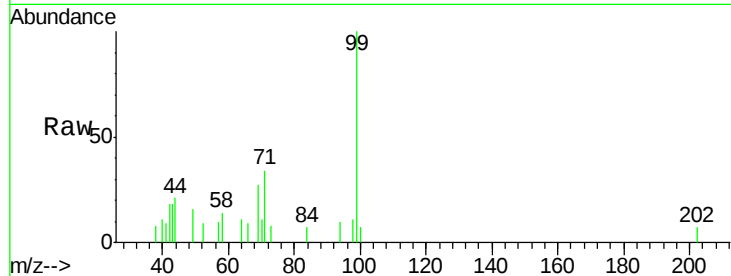
Tot Ion: 99 Resp: 1446

Ion Ratio Lower Upper

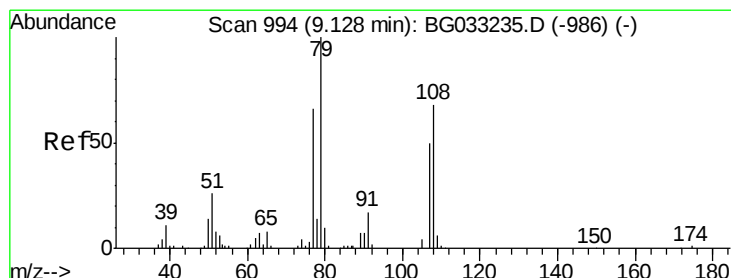
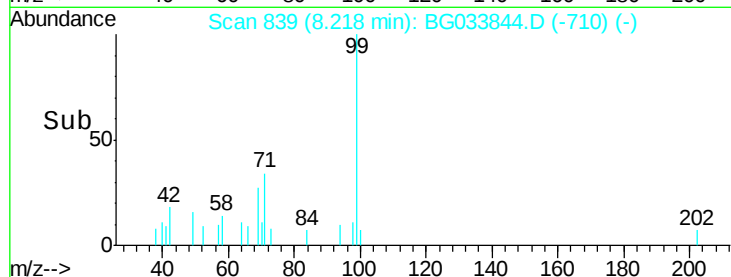
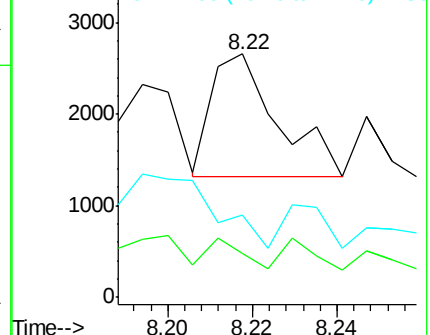
99 100

42 18.0 14.1 21.1

71 33.8 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: 2.796 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.08 min

Lab File: BG033844.D

Acq: 17 Apr 2018 9:48

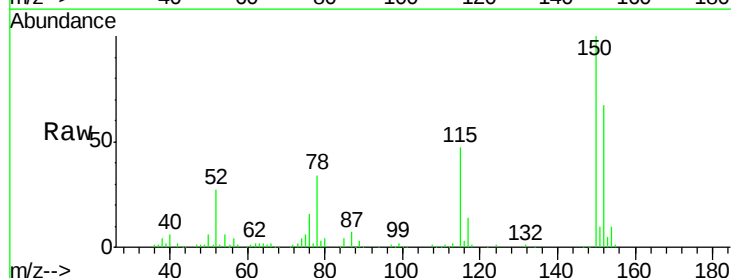
Tgt Ion: 79 Resp: 4342

Ion Ratio Lower Upper

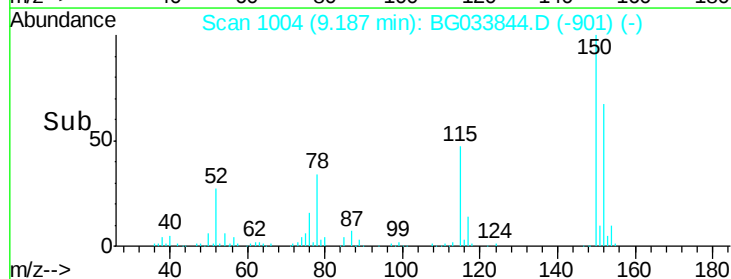
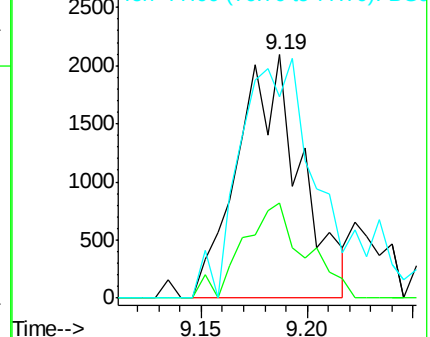
79 100

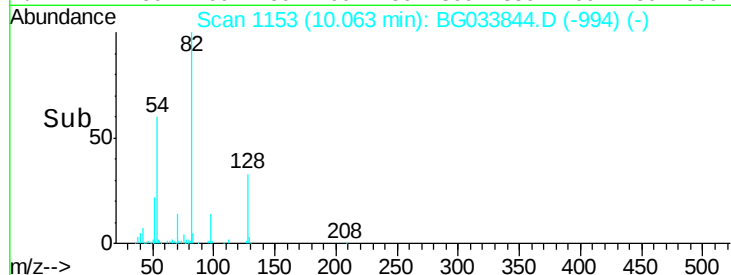
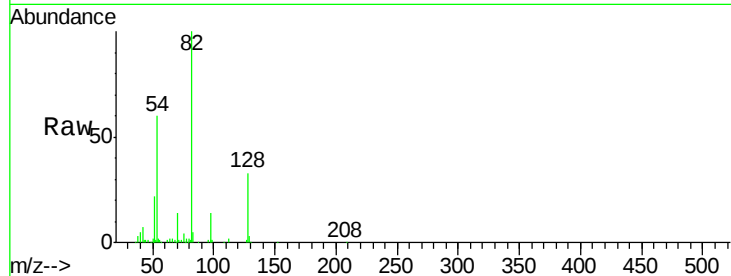
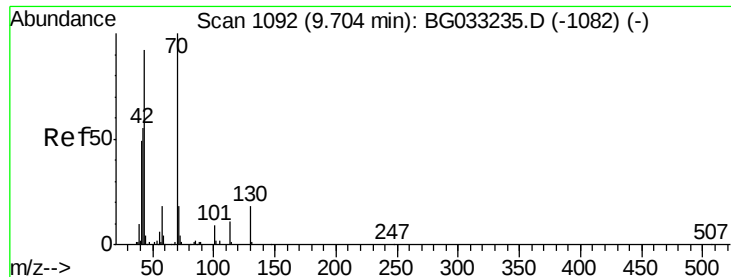
108 39.2 57.2 85.8#

77 82.5 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

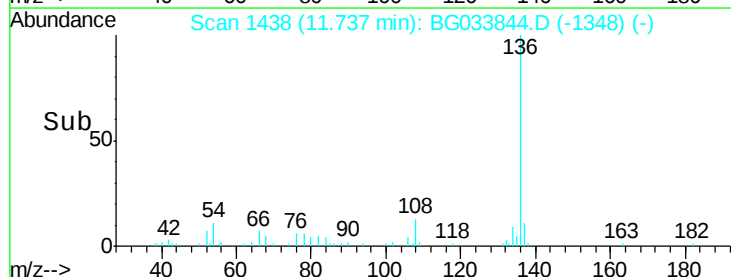
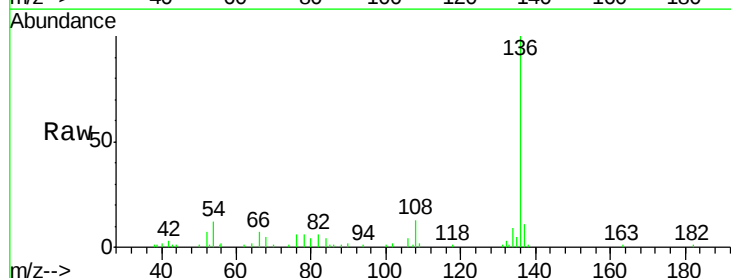
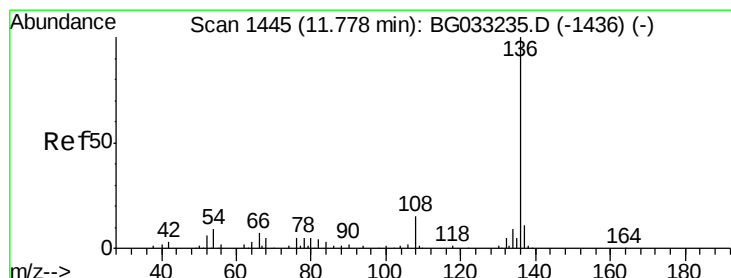
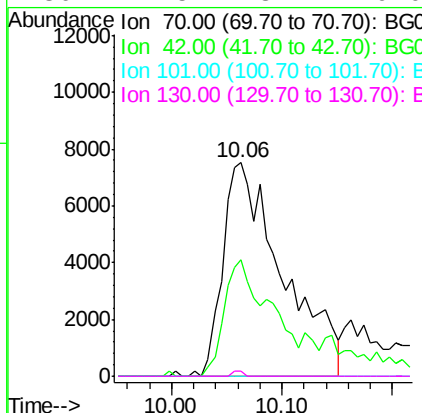




#19
n-Nitroso-di-n-propylamine
Concen: 19.600 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.41 min
Lab File: BG033844.D
Acq: 17 Apr 2018 9:48

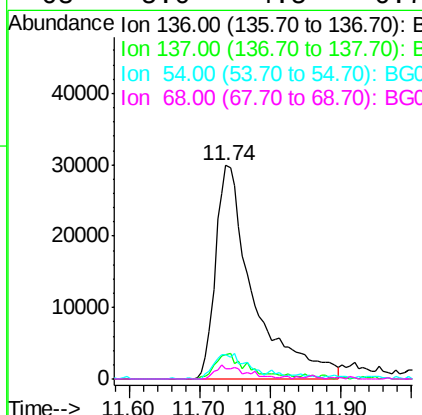
Instrument :
BNA_G
ClientSampled :

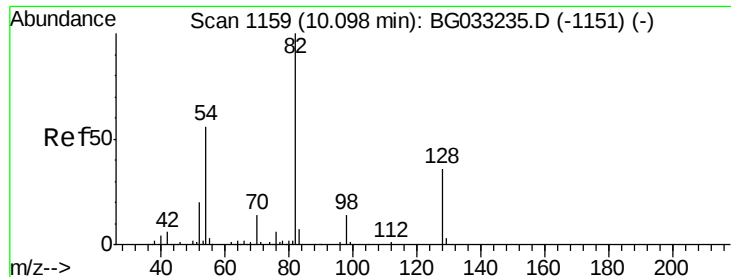
Tot Ion: 70 Resp: 28324
Ion Ratio Lower Upper
70 100
42 54.2 49.1 73.7
101 0.0 8.5 12.7#
130 2.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033844.D
Acq: 17 Apr 2018 9:48

Tgt Ion: 136 Resp: 111416
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 11.7 10.3 15.5
68 5.0 4.5 6.7

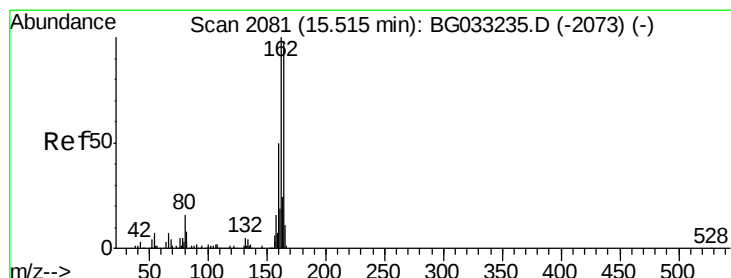
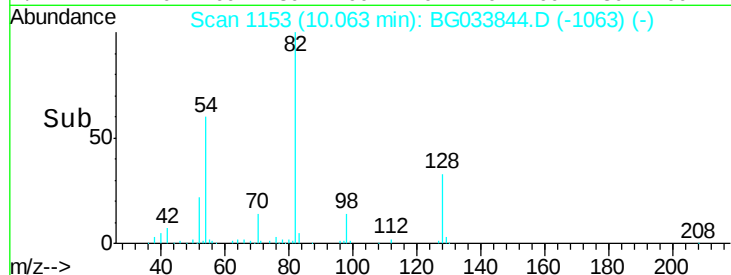
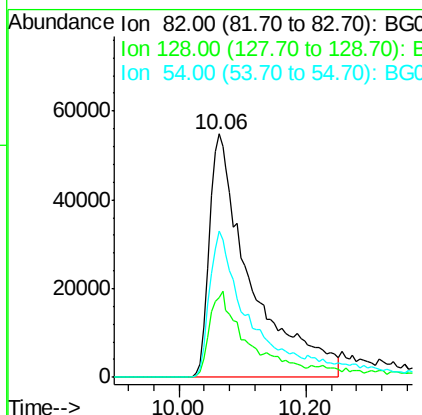
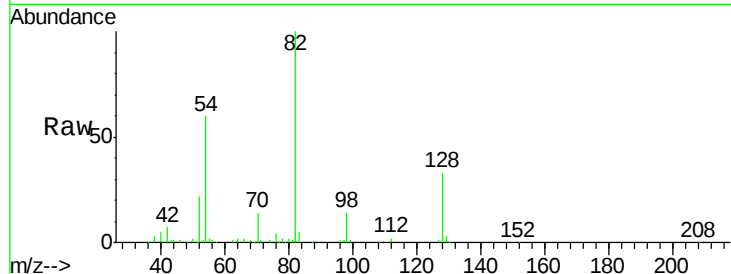




#23
Nitrobenzene-d5
Concen: 103.277 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033844.D
Acq: 17 Apr 2018 9:48

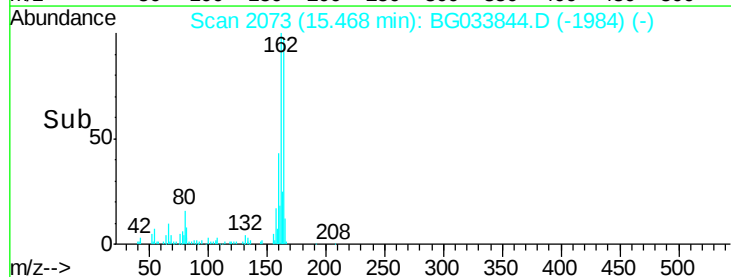
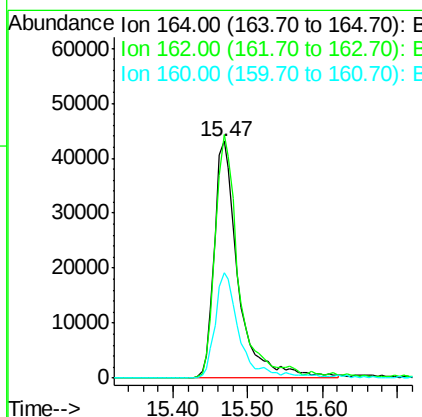
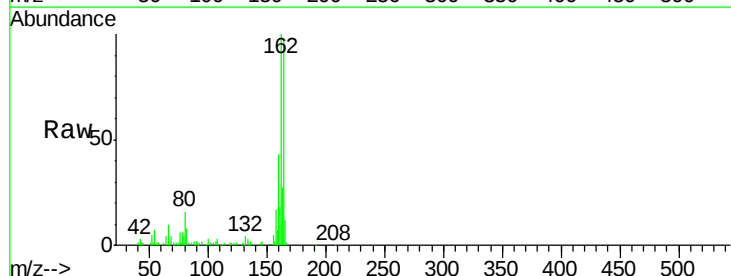
Instrument :
BNA_G
ClientSampleId :

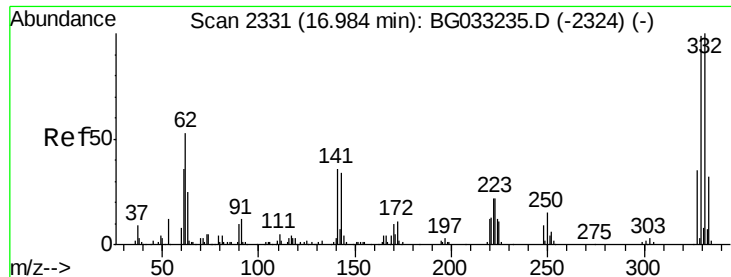
Tot Ion: 82 Resp: 250450
Ion Ratio Lower Upper
82 100
128 32.7 29.7 44.5
54 60.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG033844.D
Acq: 17 Apr 2018 9:48

Tgt Ion:164 Resp: 96001
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 44.7 35.4 53.0

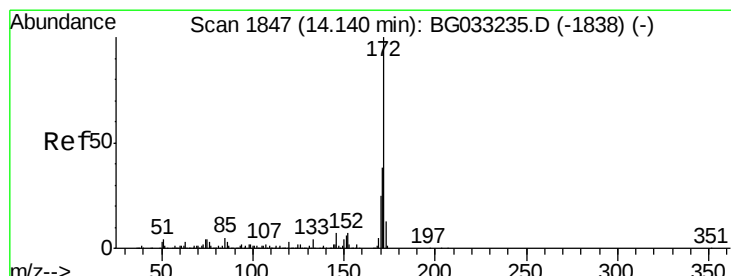
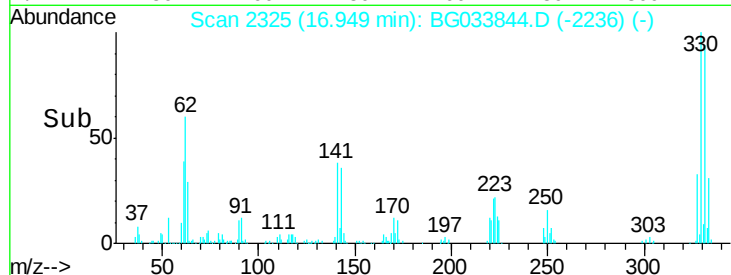
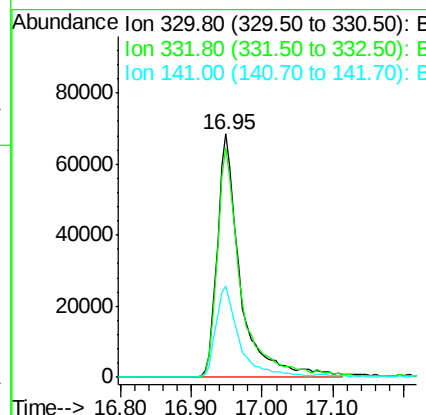
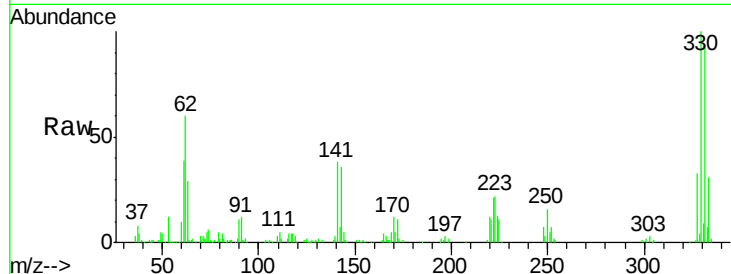




#41
 2,4,6-Tribromophenol
 Concen: 108.668 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033844.D
 Acq: 17 Apr 2018 9:48

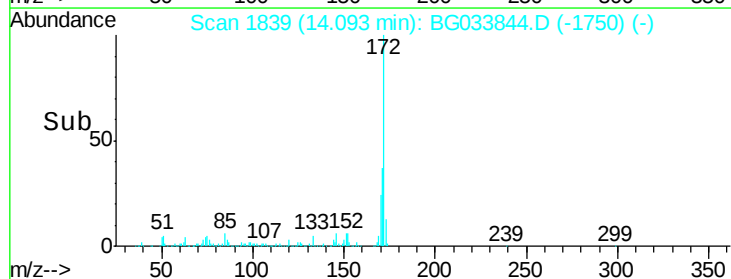
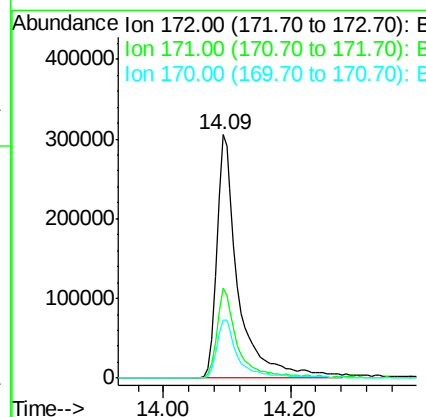
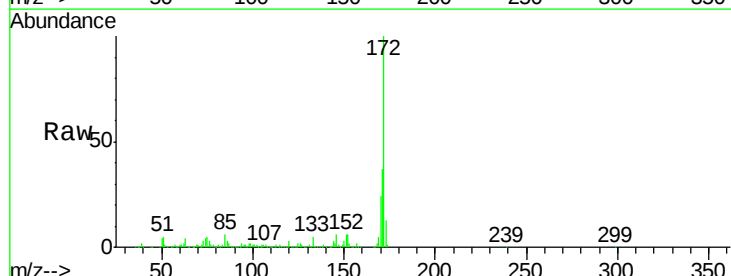
Instrument :
 BNA_G
 ClientSampleId :

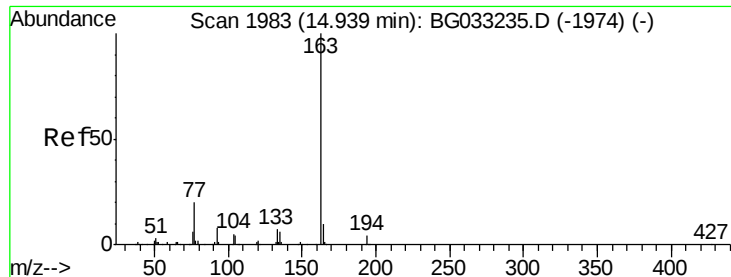
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	37.9	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 109.372 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033844.D
 Acq: 17 Apr 2018 9:48

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





#49

Dimethylphthalate

Concen: 2.172 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033844.D

Acq: 17 Apr 2018 9:48

Instrument :

BNA_G

ClientSampled :

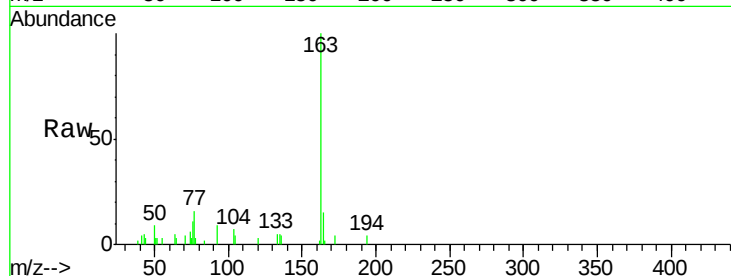
Tot Ion:163 Resp: 18144

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

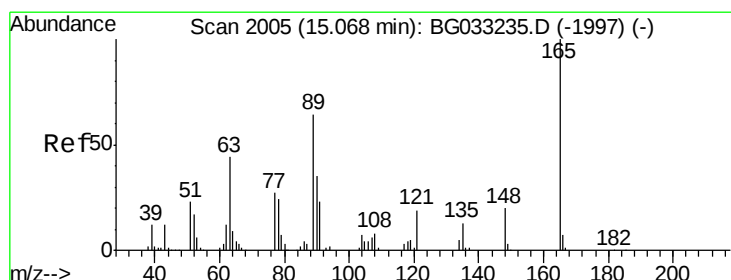
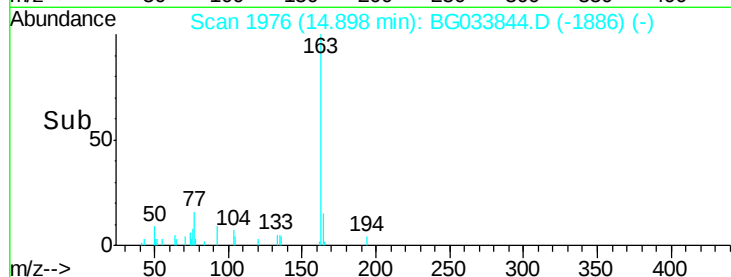
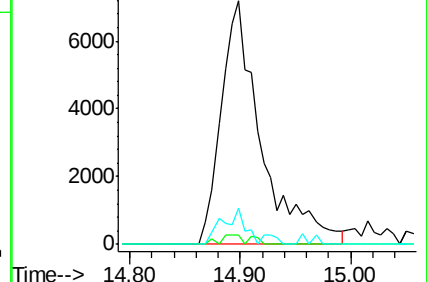
164 14.8 8.2 12.4#



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



#50

2,6-Dinitrotoluene

Concen: 6.420 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.43 min

Lab File: BG033844.D

Acq: 17 Apr 2018 9:48

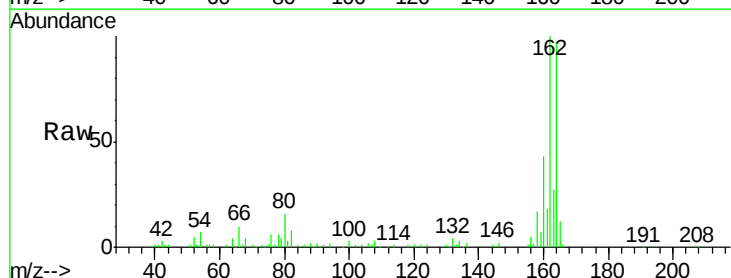
Tgt Ion:165 Resp: 10967

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

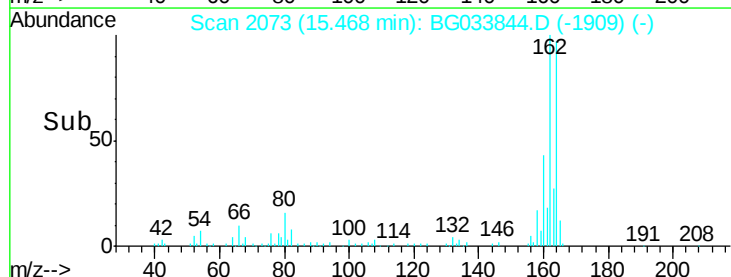
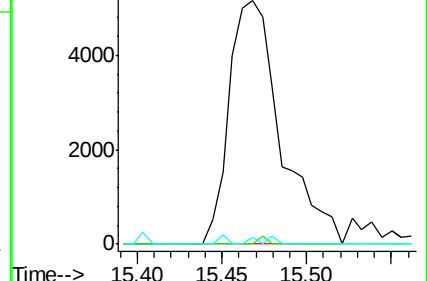
89 2.9 49.2 73.8#

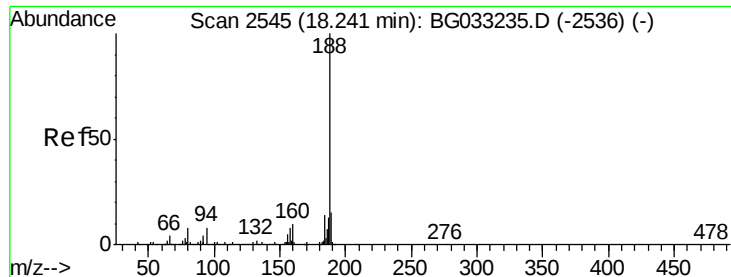


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

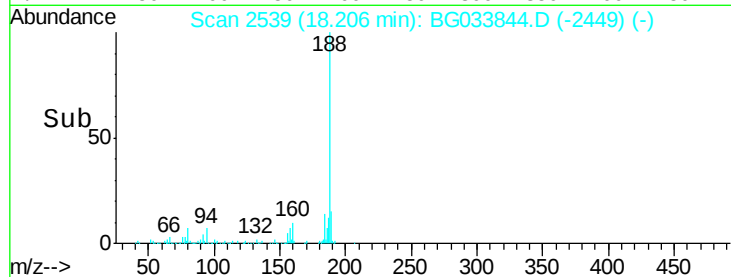
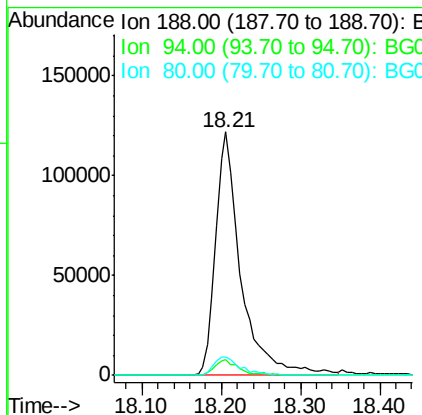
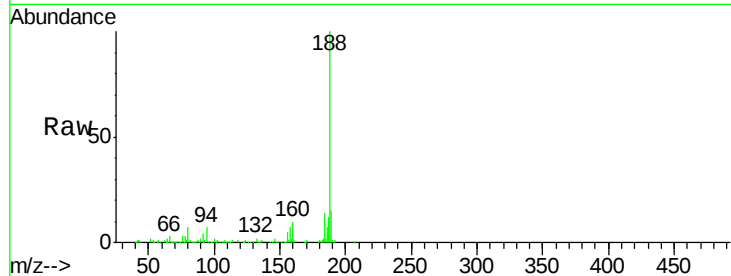




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033844.D
Acq: 17 Apr 2018 9:48

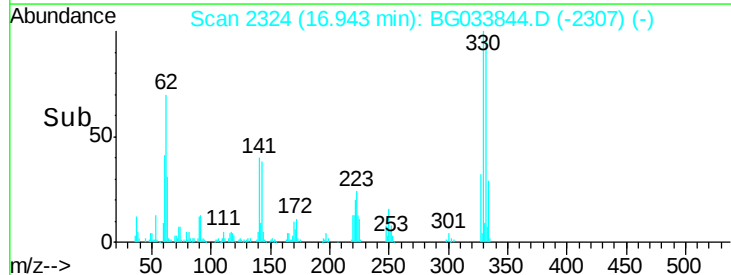
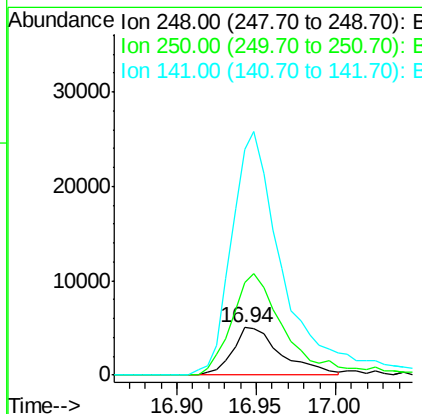
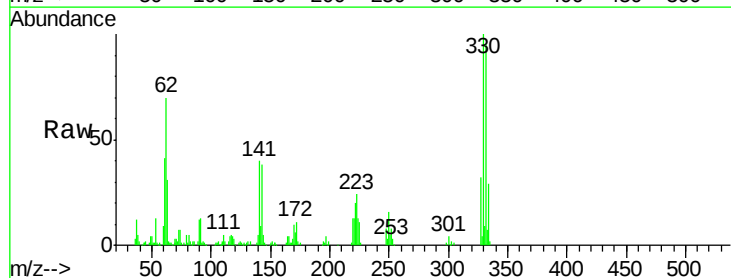
Instrument :
BNA_G
ClientSampleId :

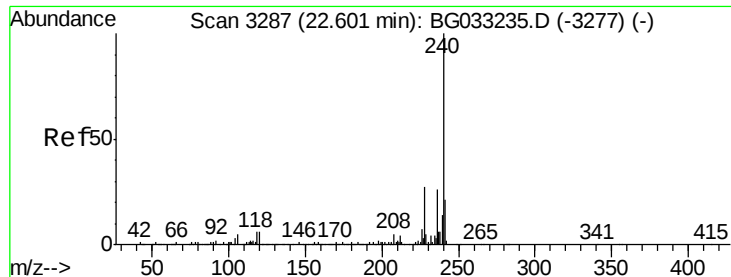
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.4	7.7	11.5#



#66
4-Bromophenyl-phenylether
Concen: 3.393 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033844.D
Acq: 17 Apr 2018 9:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.8	77.1	115.7#
141	477.1	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: BG033844.D

Acq: 17 Apr 2018 9:48

Instrument :

BNA_G

ClientSampleId :

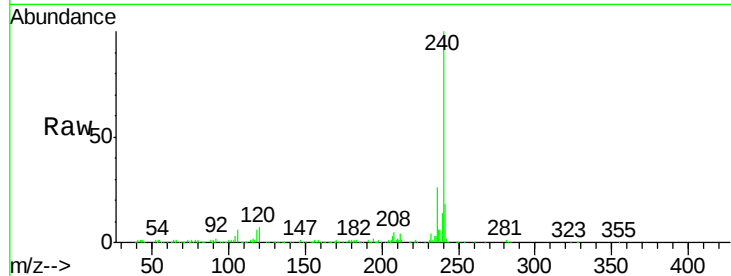
Tot Ion:240 Resp: 287025

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2#

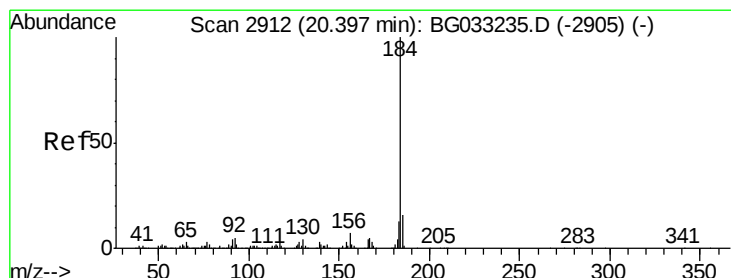
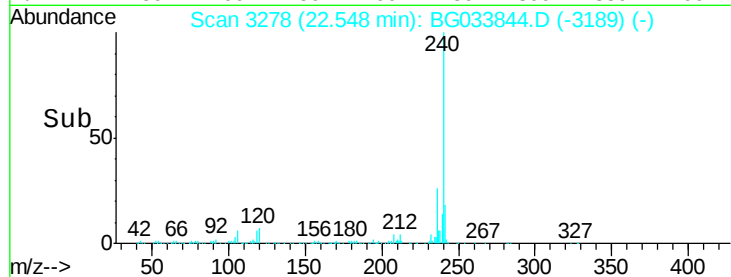
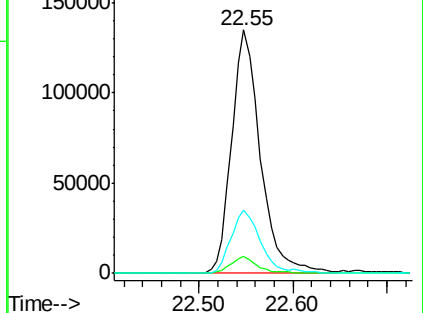
236 25.7 20.9 31.3



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: 3.054 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.35 min

Lab File: BG033844.D

Acq: 17 Apr 2018 9:48

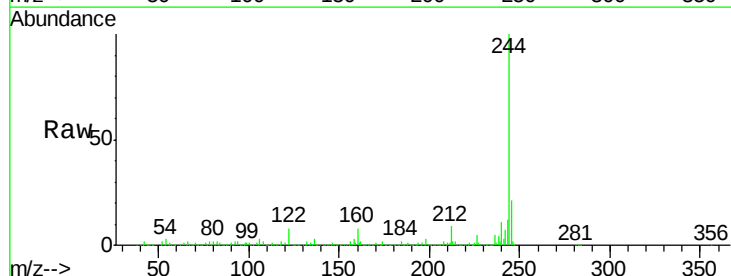
Tgt Ion:184 Resp: 23775

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

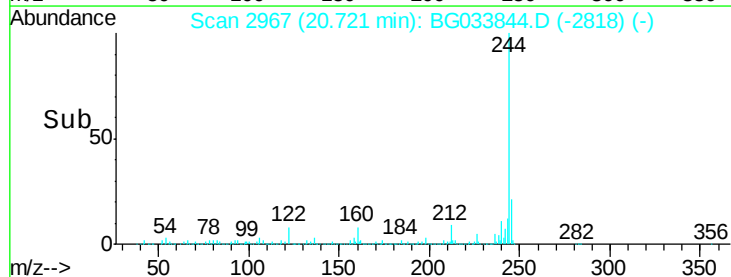
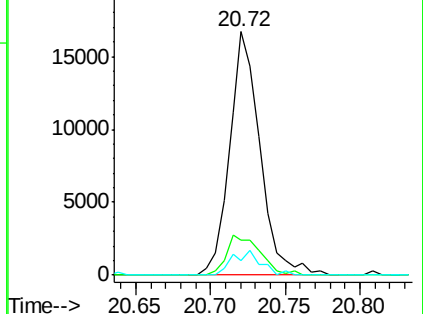
183 6.1 10.6 16.0#

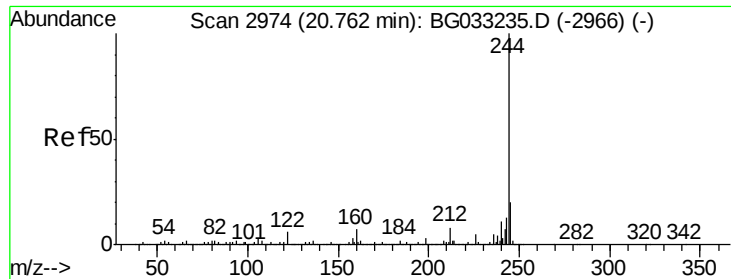


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 106.586 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033844.D

Acq: 17 Apr 2018 9:48

Instrument :

BNA_G

ClientSampleId :

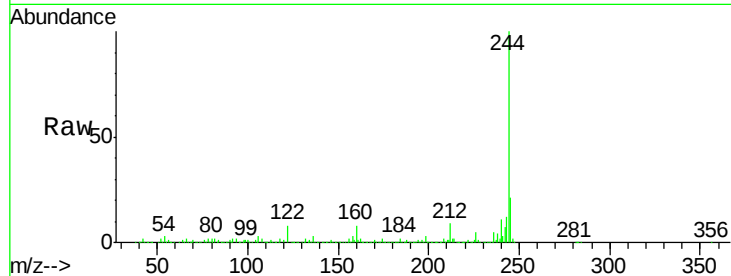
Tot Ion:244 Resp: 1430506

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

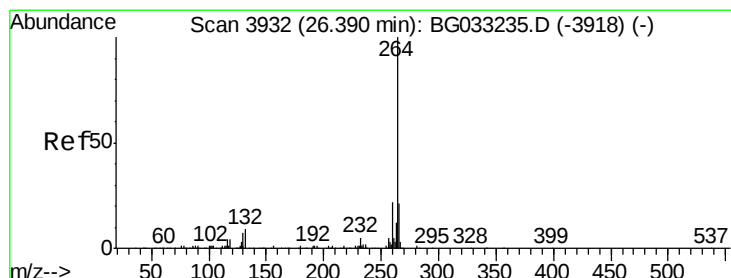
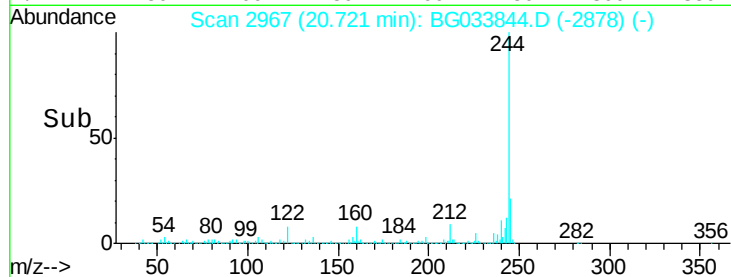
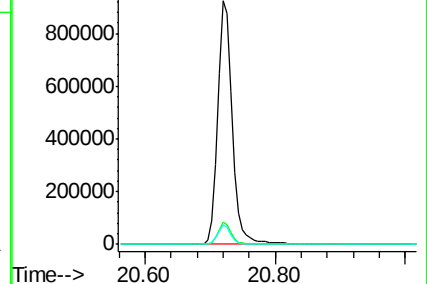
122 7.9 7.0 10.4



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: 26.31 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BG033844.D

Acq: 17 Apr 2018 9:48

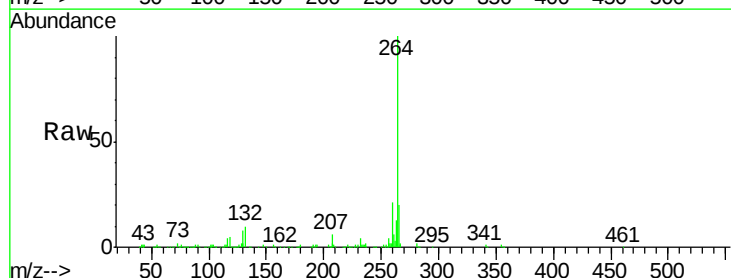
Tgt Ion:264 Resp: 308952

Ion Ratio Lower Upper

264 100

260 21.2 17.4 26.0

265 20.3 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

