

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033805.D
 Acq On : 13 Apr 2018 20:37
 Operator : SJ/JU
 Sample : J2166-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 14 00:51:42 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

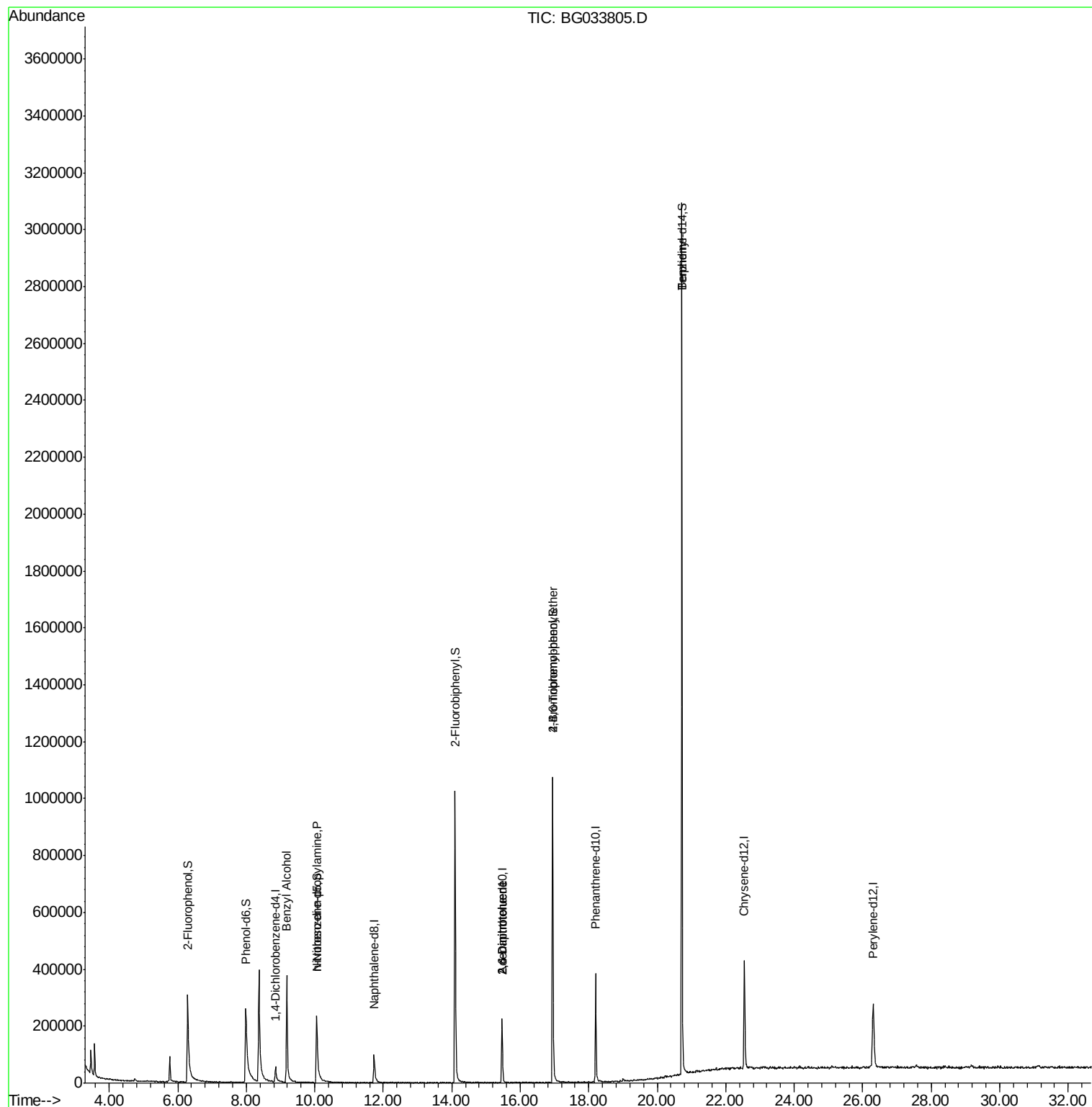
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	21313	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	114195	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	89712	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	278090	20.00	ng	0.00
75) Chrysene-d12	22.54	240	295351	20.00	ng	-0.01
86) Perylene-d12	26.31	264	309384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	229389	201.82	ng	0.00
7) Phenol-d6	7.99	99	310264	158.87	ng	0.02
23) Nitrobenzene-d5	10.06	82	259871	104.55	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	234689	174.91	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	671434	108.05	ng	0.00
78) Terphenyl-d14	20.72	244	1547677	112.07	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	4659	3.030	ng	# 53
19) n-Nitroso-di-n-propylamine	10.06	70	34772	24.298	ng	# 74
50) 2,6-Dinitrotoluene	15.46	165	12461	7.806	ng	# 22
56) 2,4-Dinitrotoluene	15.46	165	12461	5.301	ng	# 20
66) 4-Bromophenyl-phenylether	16.94	248	18018	5.517	ng	# 1
76) Benzidine	20.72	184	27484	3.431	ng	98

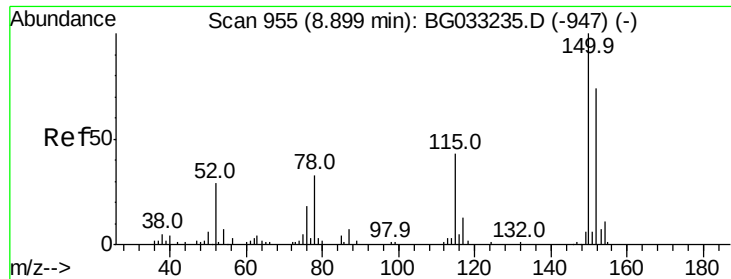
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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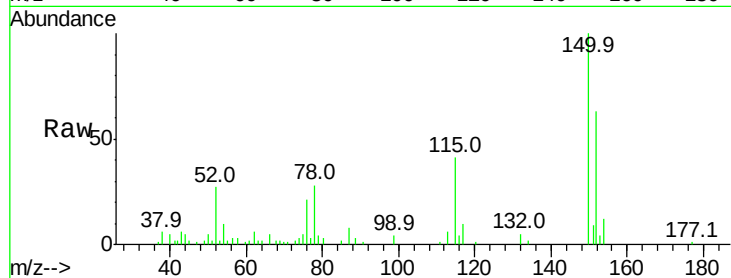


#1

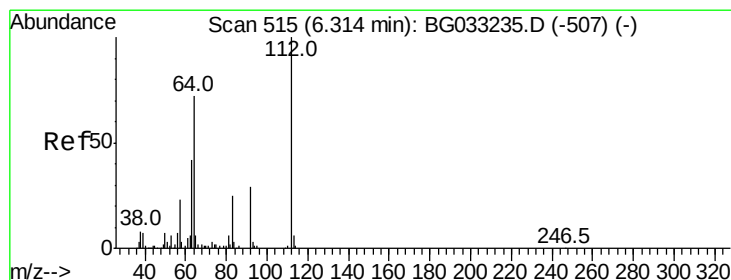
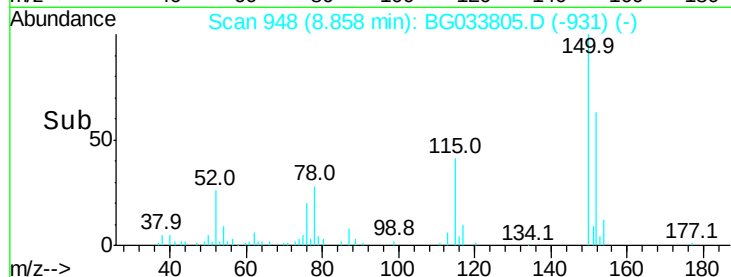
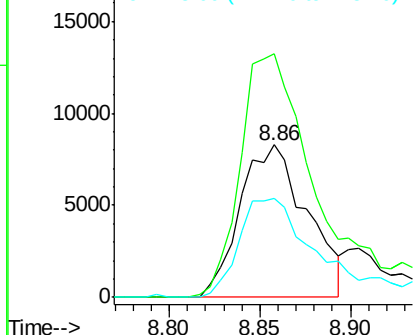
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033805.D
Acq: 13 Apr 2018 20:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 21313
Ion Ratio Lower Upper
152 100
150 159.6 126.6 189.8
115 64.9 53.0 79.4



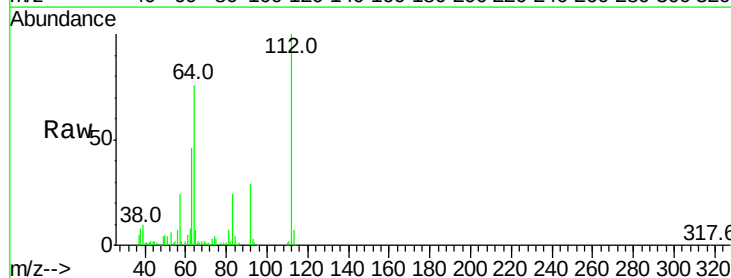
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



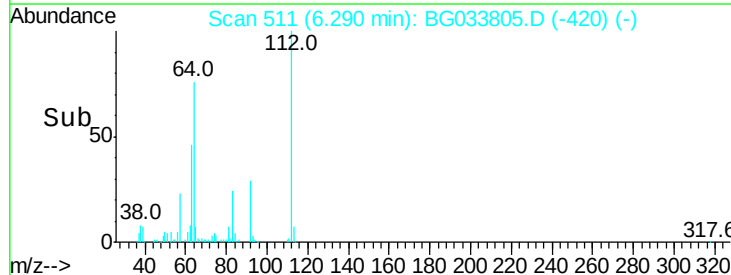
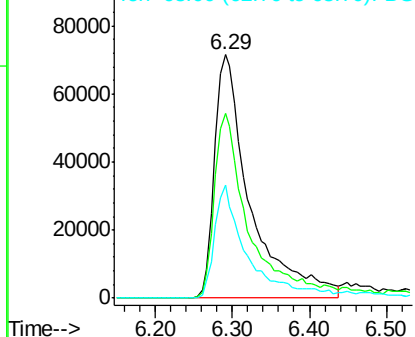
#5

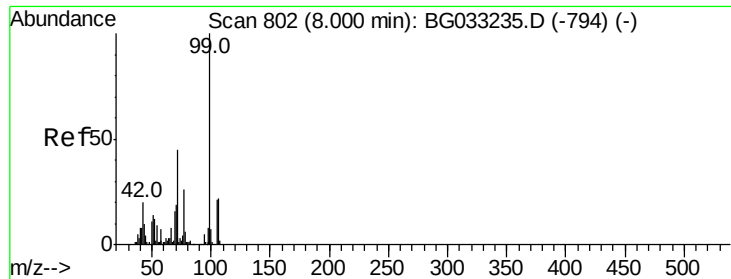
2-Fluorophenol
Concen: 201.817 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: BG033805.D
Acq: 13 Apr 2018 20:37

Tgt Ion:112 Resp: 229389
Ion Ratio Lower Upper
112 100
64 76.0 56.3 84.5
63 46.4 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: 158.870 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

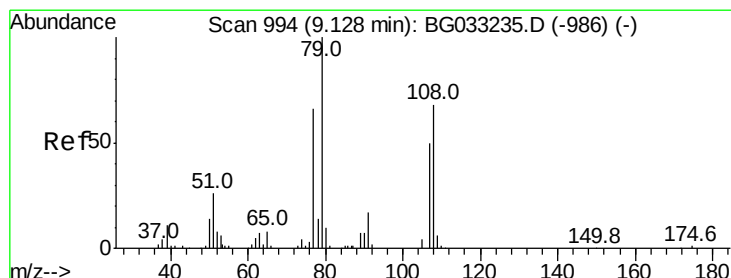
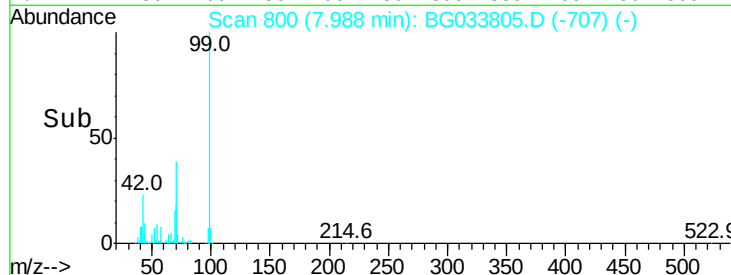
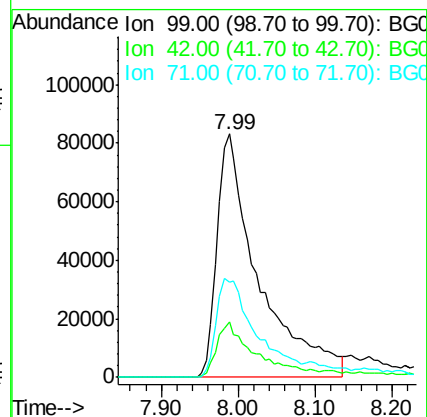
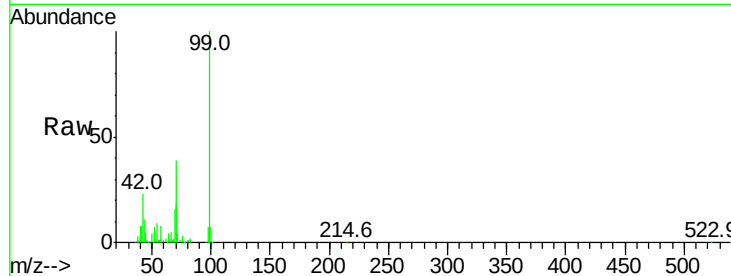
Tot Ion: 99 Resp: 310264

Ion Ratio Lower Upper

99 100

42 22.6 14.1 21.1#

71 39.3 26.1 39.1#



#15

Benzyl Alcohol

Concen: 3.030 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.09 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

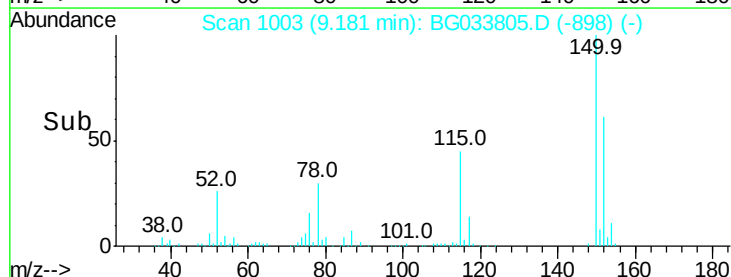
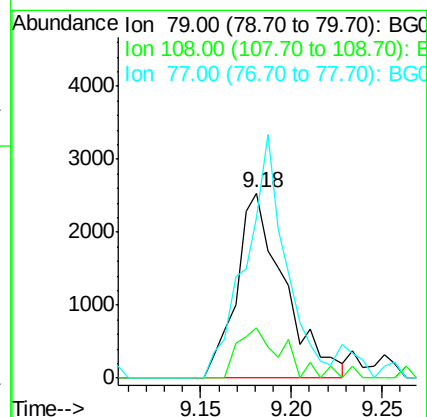
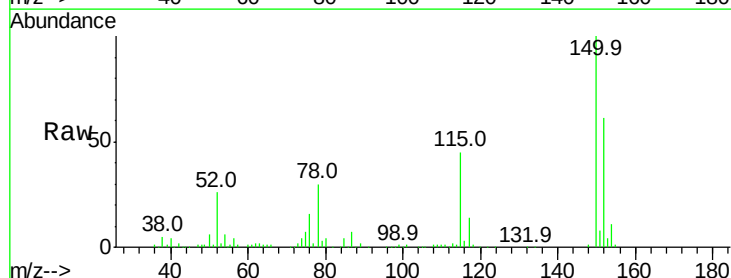
Tgt Ion: 79 Resp: 4659

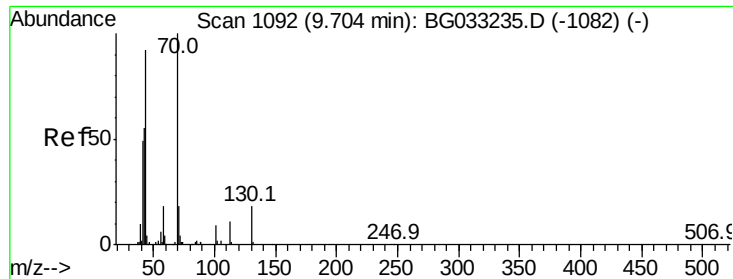
Ion Ratio Lower Upper

79 100

108 27.2 57.2 85.8#

77 87.0 46.1 69.1#

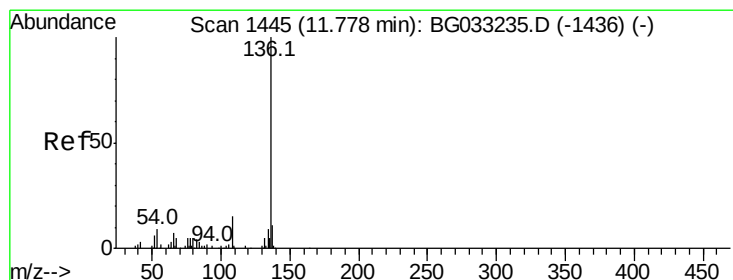
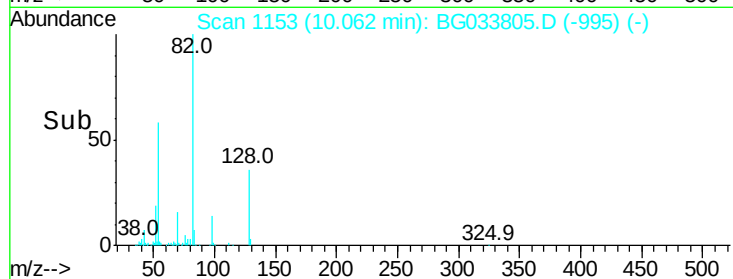
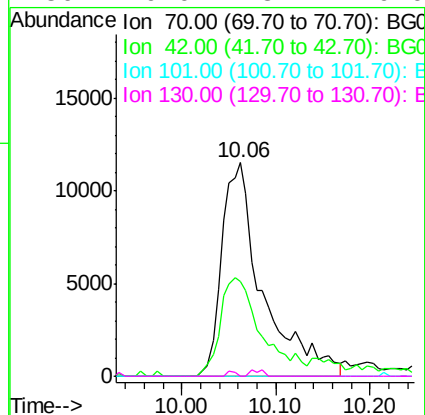
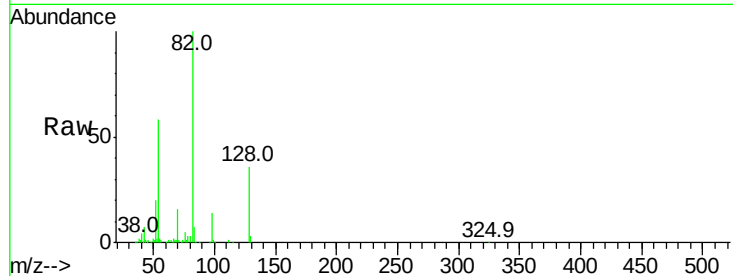




#19
 n-Nitroso-di-n-propylamine
 Concen: 24.298 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.40 min
 Lab File: BG033805.D
 Acq: 13 Apr 2018 20:37

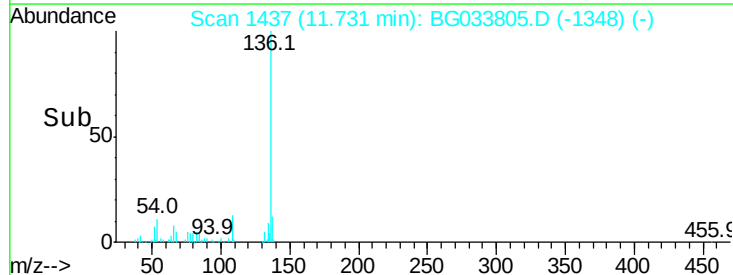
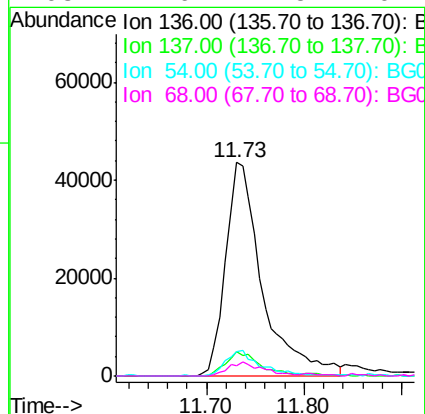
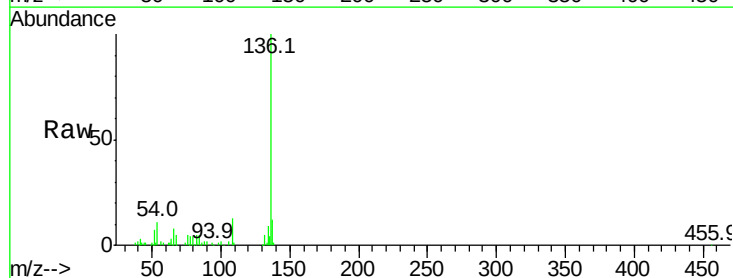
Instrument :
 BNA_G
 ClientSampleId :

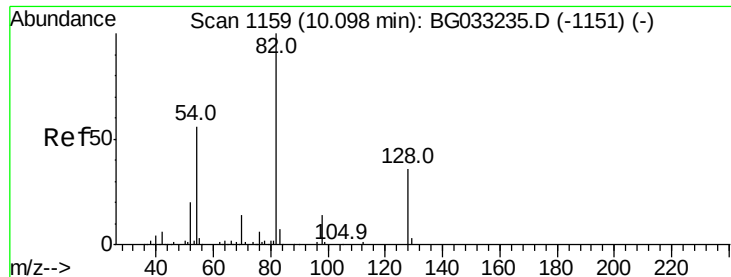
Tot Ion:	70	Resp:	34772
Ion	Ratio	Lower	Upper
70	100		
42	44.2	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.73 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BG033805.D
 Acq: 13 Apr 2018 20:37

Tgt Ion:	136	Resp:	114195
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	11.1	10.3	15.5
68	4.6	4.5	6.7

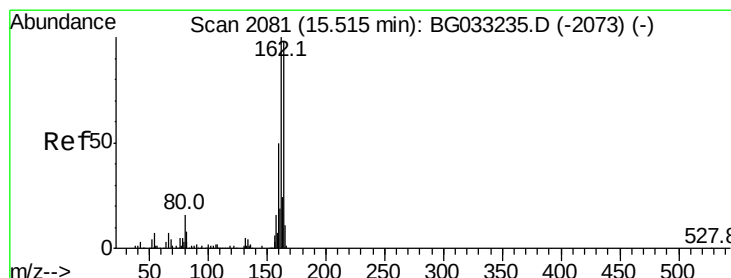
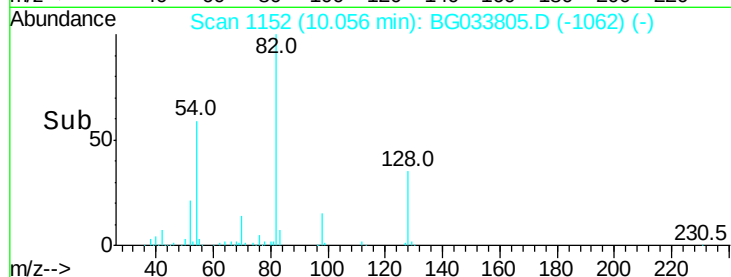
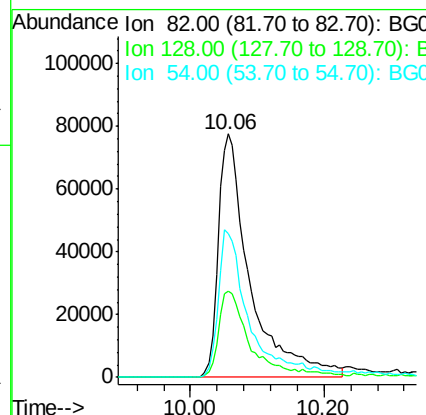
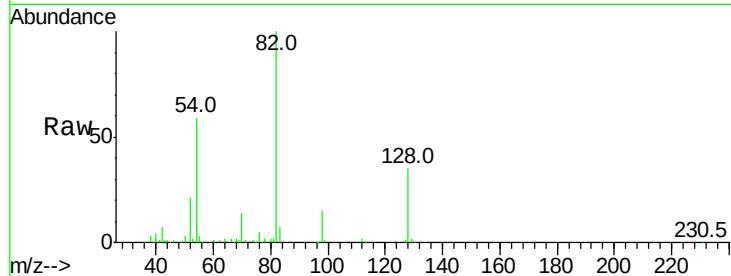




#23
Nitrobenzene-d5
Concen: 104.554 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033805.D
Acq: 13 Apr 2018 20:37

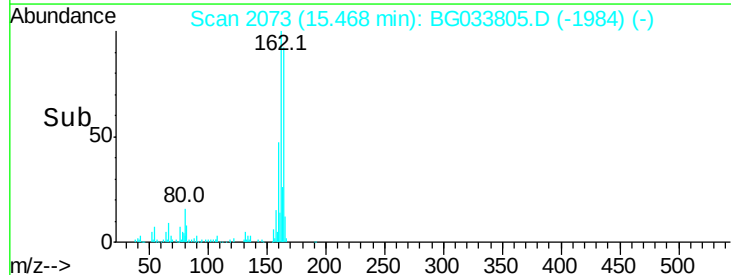
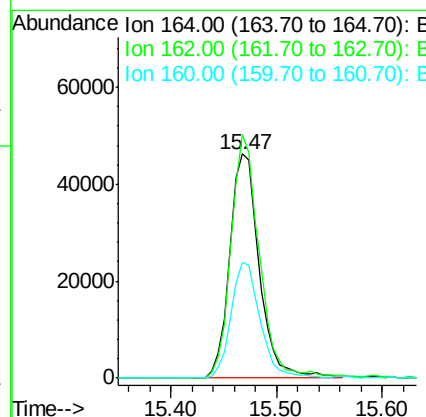
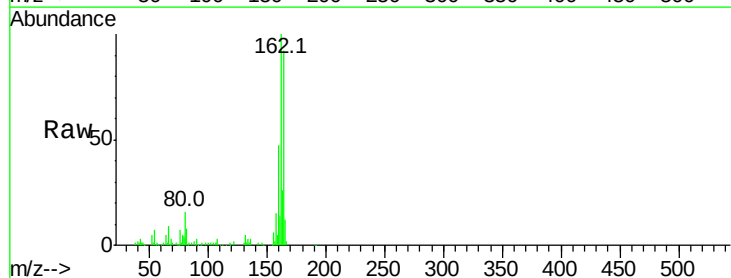
Instrument :
BNA_G
ClientSampleId :

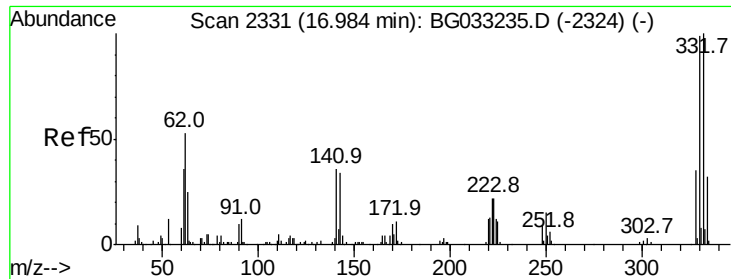
Tot Ion: 82 Resp: 259871
Ion Ratio Lower Upper
82 100
128 35.3 29.7 44.5
54 59.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG033805.D
Acq: 13 Apr 2018 20:37

Tgt Ion:164 Resp: 89712
Ion Ratio Lower Upper
164 100
162 108.6 78.8 118.2
160 51.4 35.4 53.0

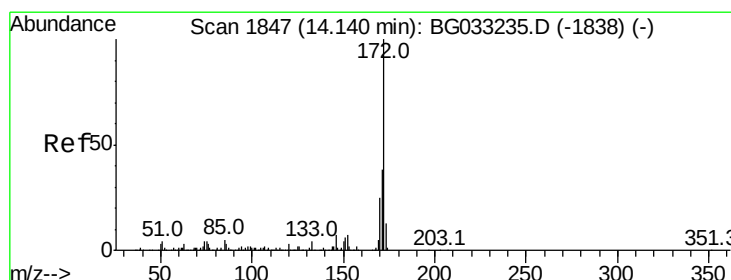
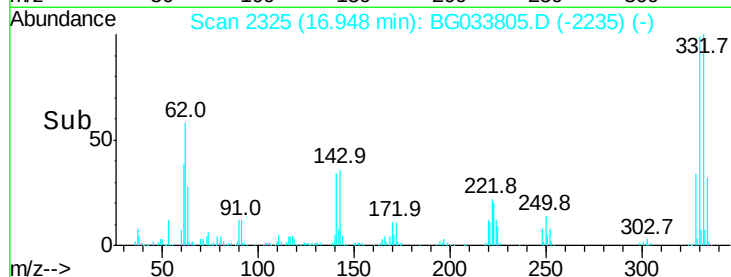
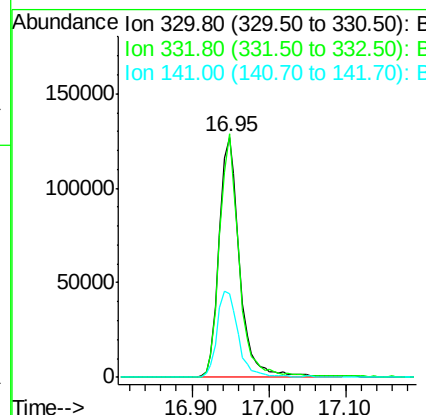
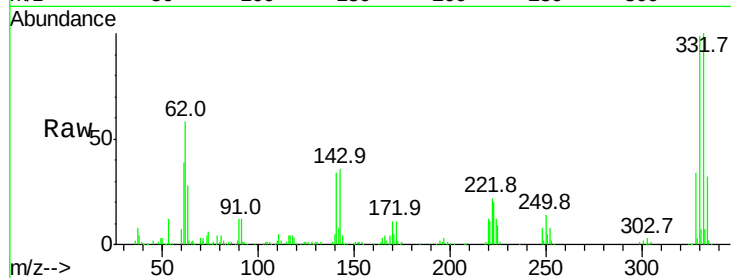




#41
 2,4,6-Tribromophenol
 Concen: 174.913 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033805.D
 Acq: 13 Apr 2018 20:37

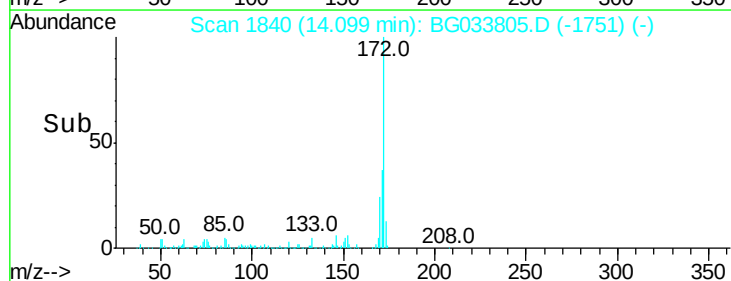
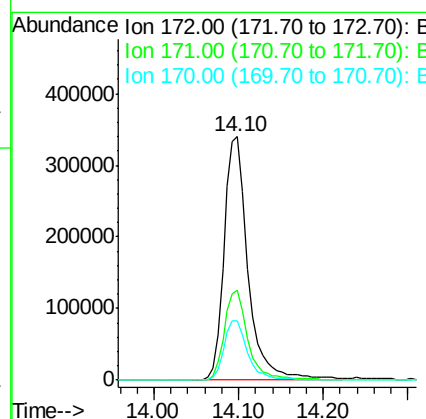
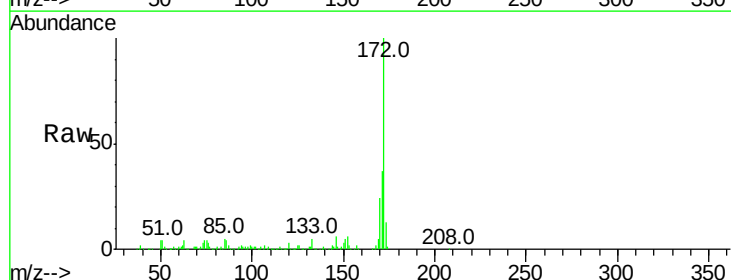
Instrument :
 BNA_G
 ClientSampleId :

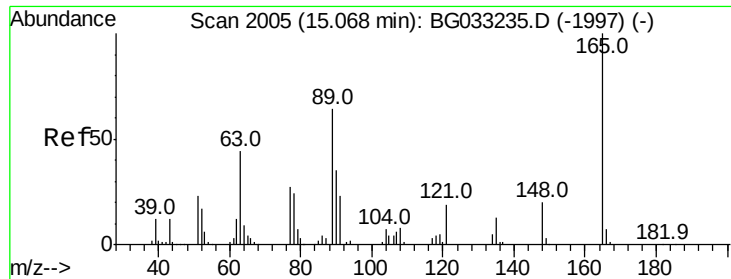
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	36.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 108.046 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033805.D
 Acq: 13 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.2	19.5	29.3

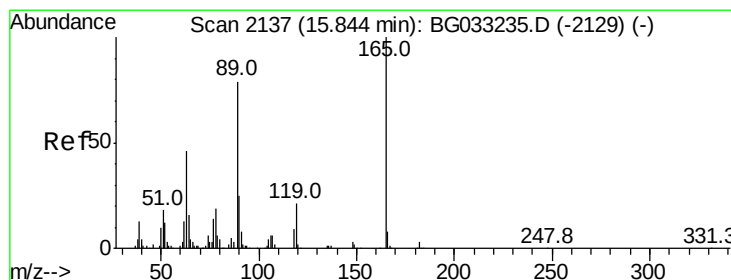
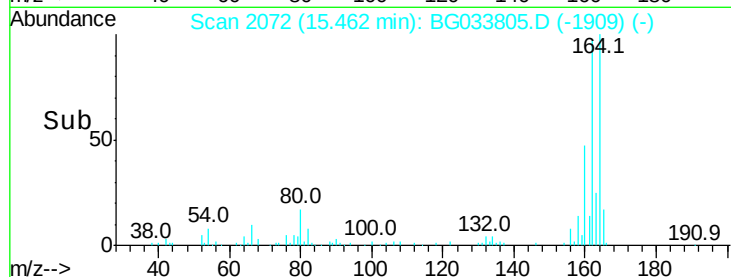
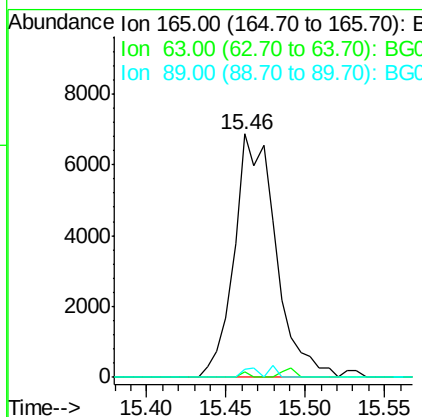
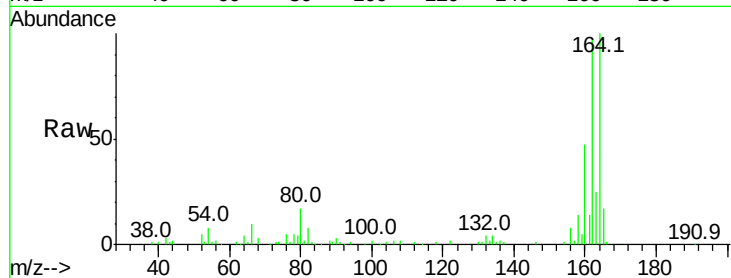




#50
 2,6-Dinitrotoluene
 Concen: 7.806 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. 0.43 min
 Lab File: BG033805.D
 Acq: 13 Apr 2018 20:37

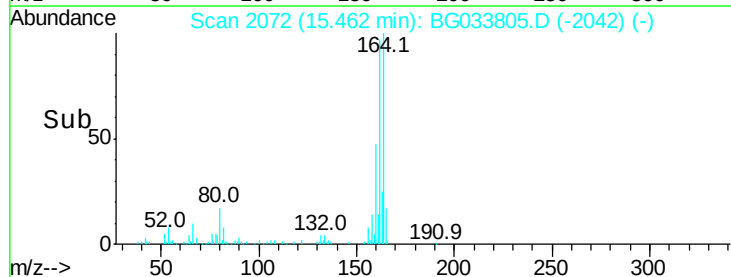
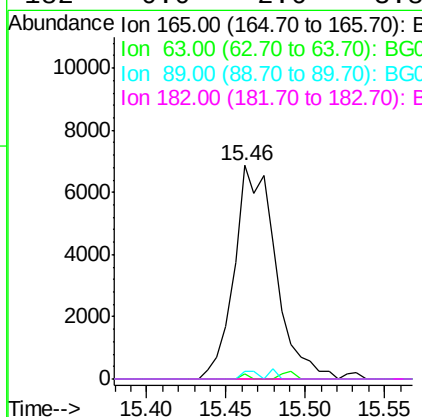
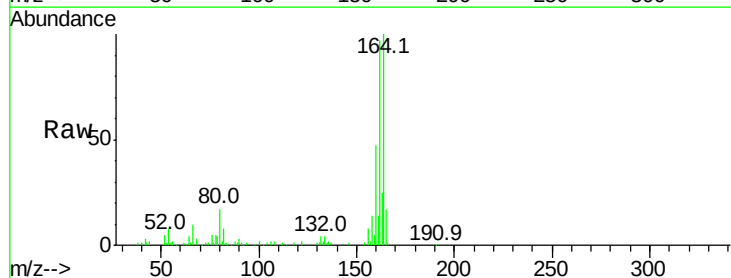
Instrument :
 BNA_G
 ClientSampleId :

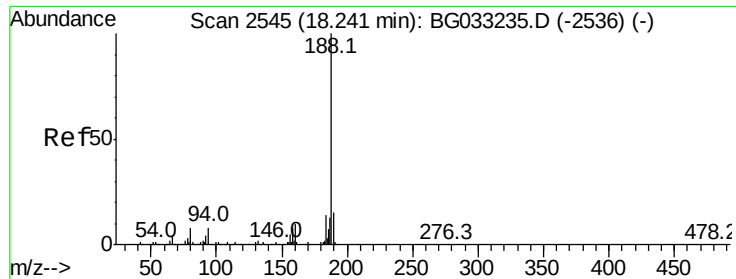
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	52.7	79.1#
89	3.3	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.301 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. -0.35 min
 Lab File: BG033805.D
 Acq: 13 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	42.0	63.0#
89	3.3	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. -0.01 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

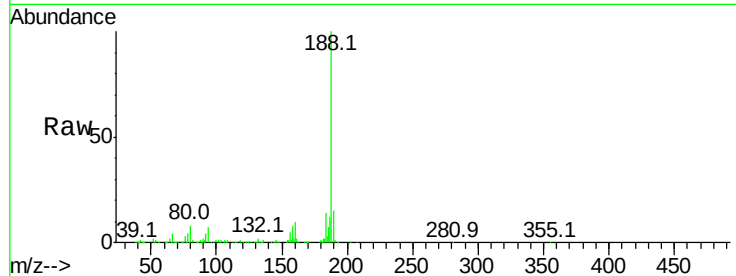
Tot Ion:188 Resp: 278090

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

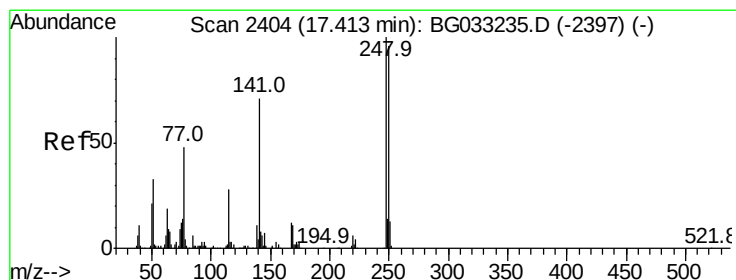
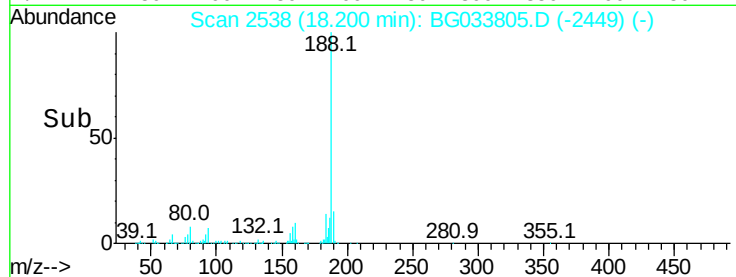
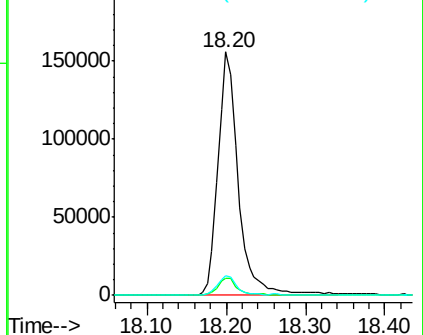
80 8.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

4-Bromophenyl-phenylether

Concen: 5.517 ng

RT: 16.94 min Scan# 2324

Delta R.T. -0.43 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

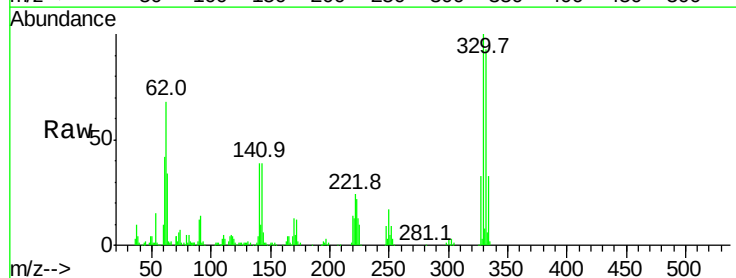
Tgt Ion:248 Resp: 18018

Ion Ratio Lower Upper

248 100

250 192.7 77.1 115.7#

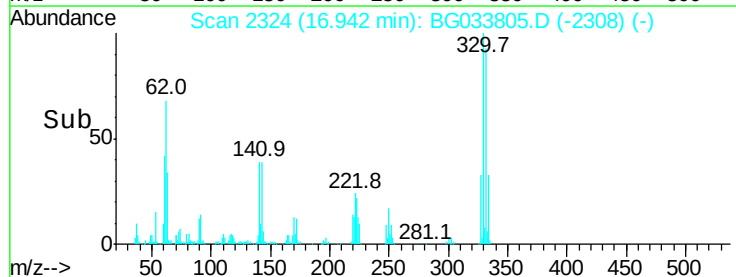
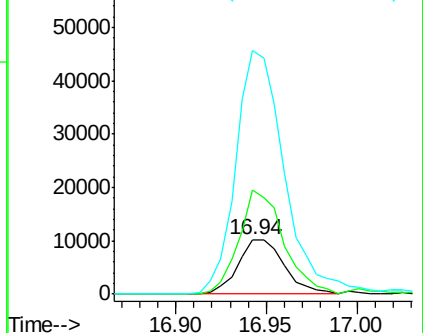
141 448.7 50.8 76.2#

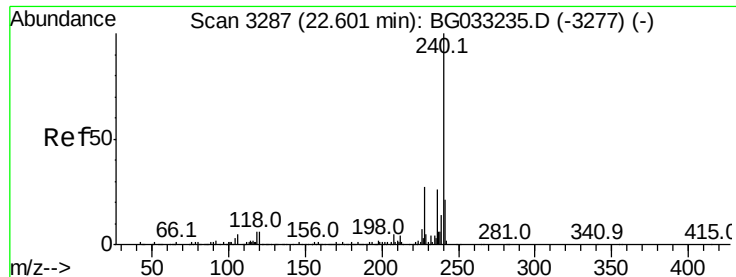


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.54 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

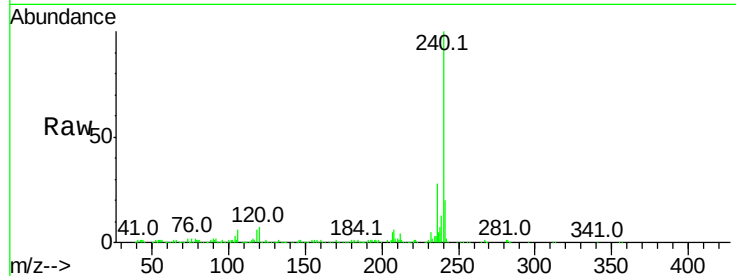
Tot Ion:240 Resp: 295351

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2

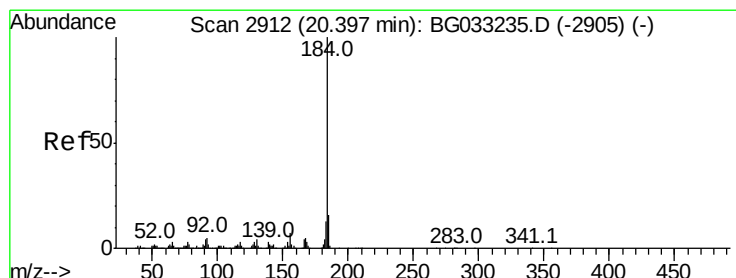
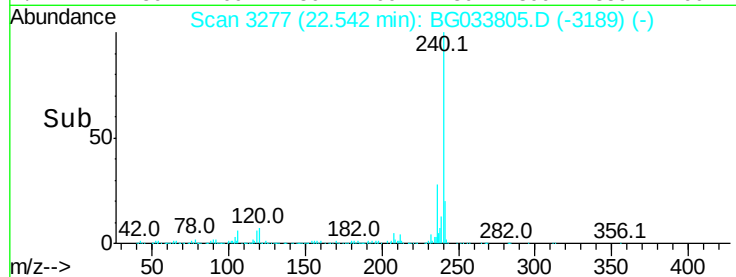
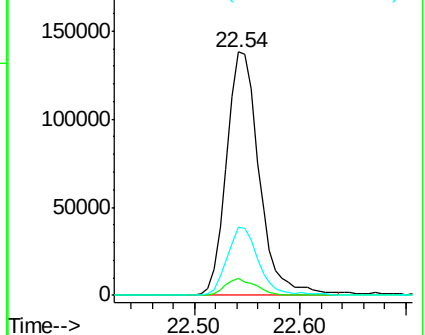
236 28.0 20.9 31.3



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: 3.431 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

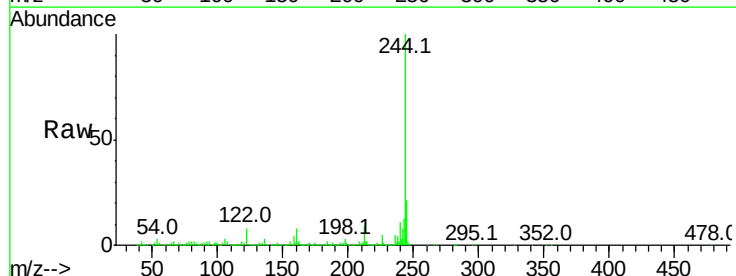
Tgt Ion:184 Resp: 27484

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

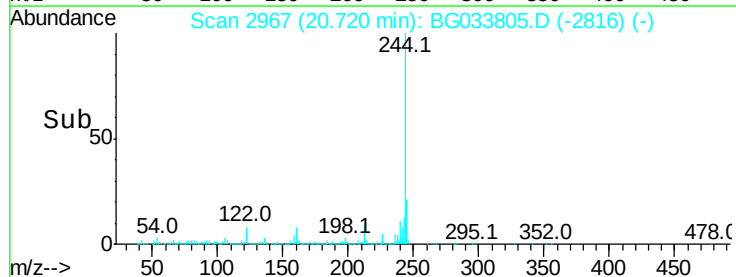
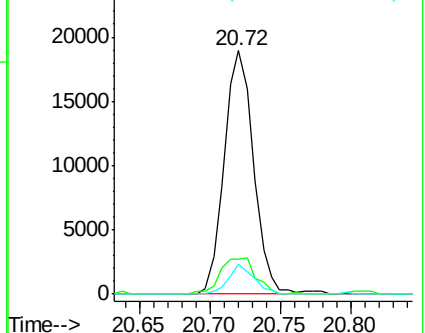
183 12.3 10.6 16.0

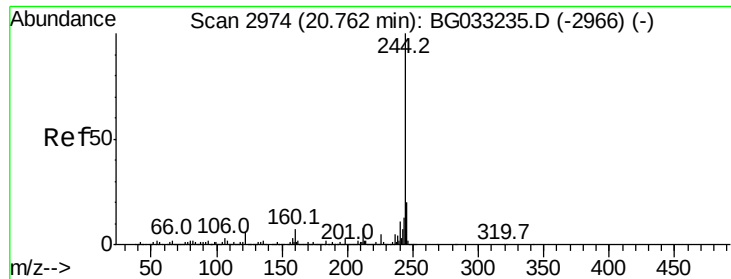


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 112.066 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

Instrument :

BNA_G

ClientSampled :

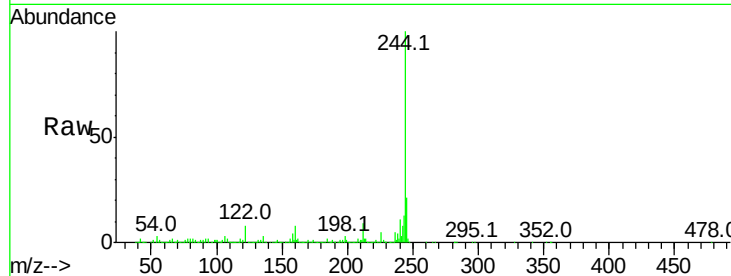
Tot Ion:244 Resp: 1547677

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

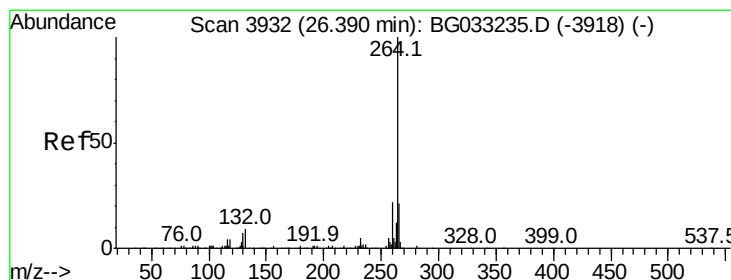
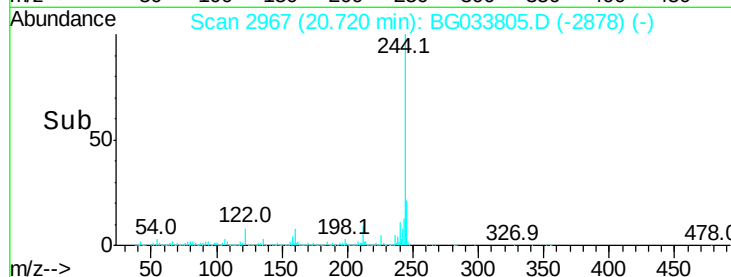
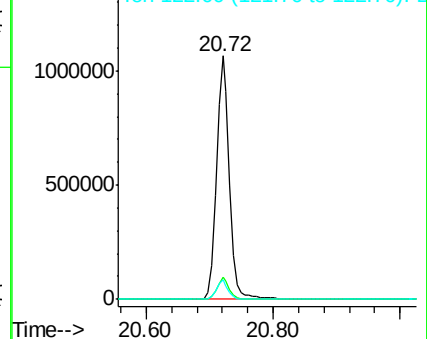
122 8.0 7.0 10.4



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# 3918

Delta R.T. 0.00 min

Lab File: BG033805.D

Acq: 13 Apr 2018 20:37

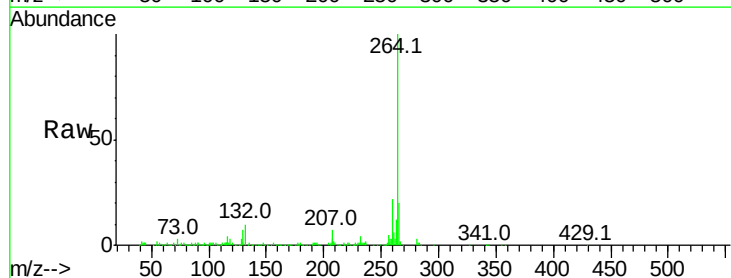
Tgt Ion:264 Resp: 309384

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 19.8 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

