

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033295.D
 Acq On : 22 Mar 2018 15:27
 Operator : SJ/JU
 Sample : J1756-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 22 17:33:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

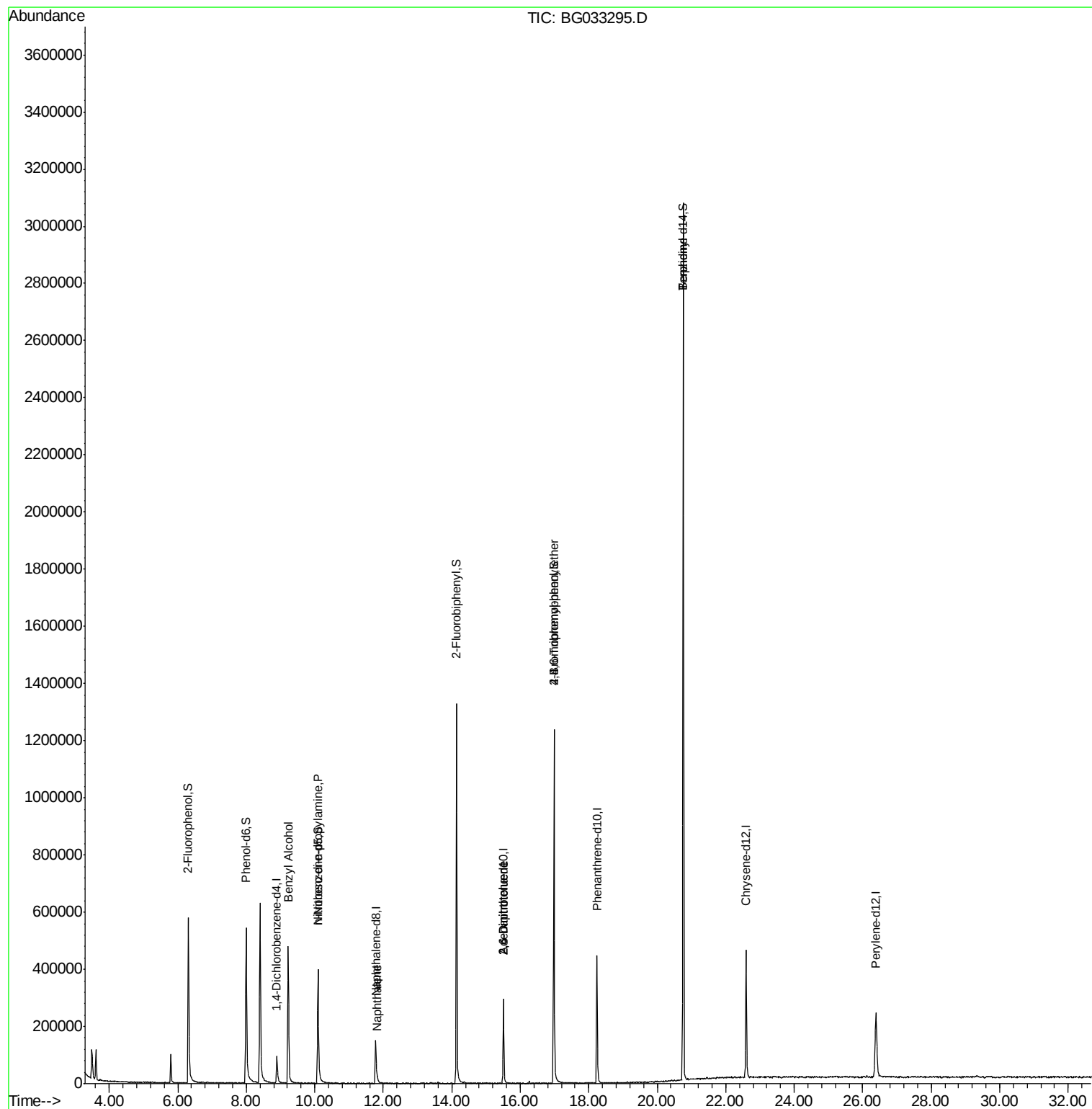
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35914	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	145197	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	115893	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	325825	20.00	ng	0.00
75) Chrysene-d12	22.59	240	330159	20.00	ng	0.00
86) Perylene-d12	26.38	264	330478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	279127	145.74	ng	0.00
7) Phenol-d6	7.99	99	398404	121.06	ng	0.00
23) Nitrobenzene-d5	10.09	82	327096	103.50	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	259413	149.66	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	783281	97.57	ng	0.00
78) Terphenyl-d14	20.76	244	1575602	102.06	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.22	79	5262	2.031	ng	# 49
19) n-Nitroso-di-n-propylamine	10.09	70	42711	17.712	ng	# 84
31) Naphthalene	11.82	128	16520	2.196	ng	# 95
50) 2,6-Dinitrotoluene	15.51	165	14603	7.081	ng	# 20
56) 2,4-Dinitrotoluene	15.51	165	14604	4.810	ng	# 18
66) 4-Bromophenyl-phenylether	16.98	248	20188	5.276	ng	# 1
76) Benzidine	20.76	184	25916	2.895	ng	# 91

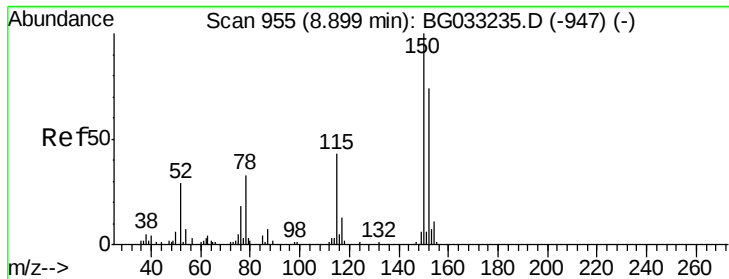
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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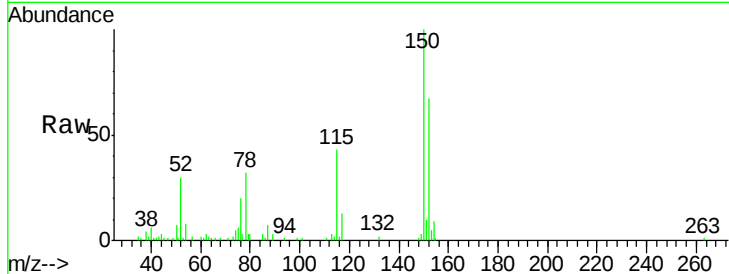


#1

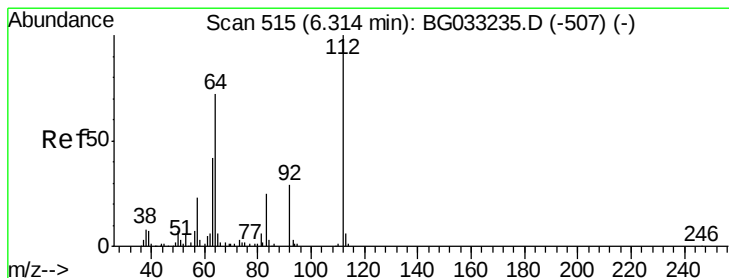
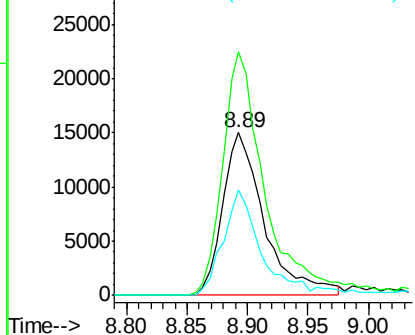
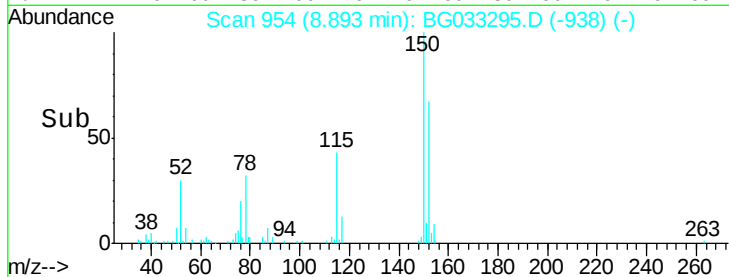
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	126.6	189.8
115	64.5	53.0	79.4



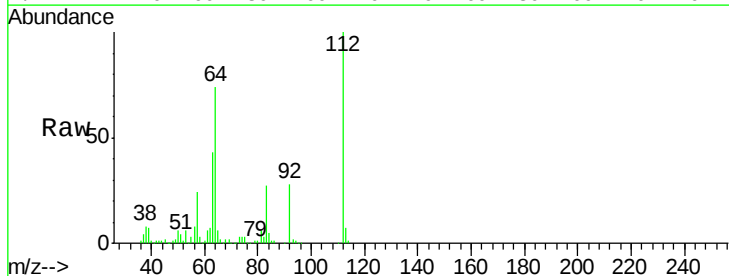
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



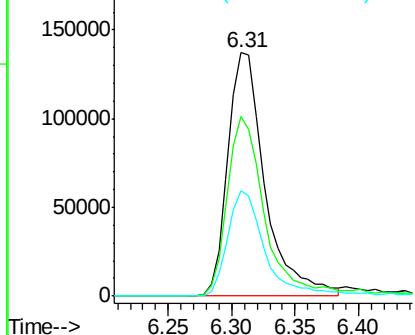
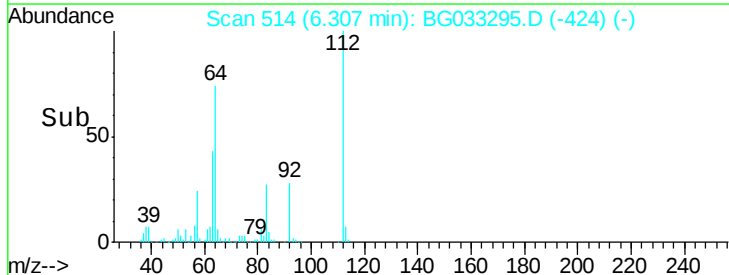
#5

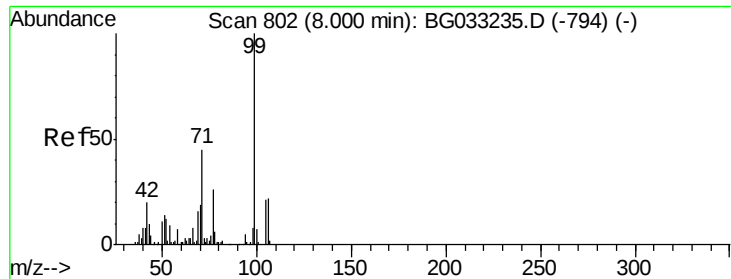
2-Fluorophenol
Concen: 145.736 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.9	56.3	84.5
63	43.3	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 121.064 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

Instrument :

BNA_G

ClientSampleId :

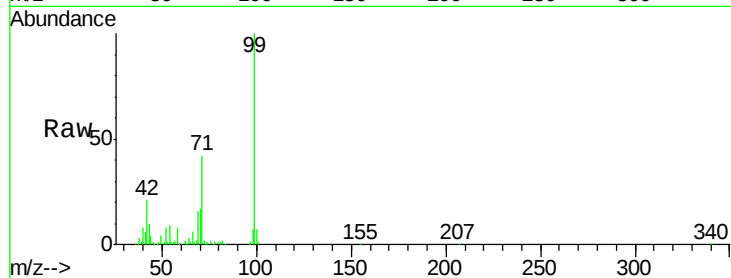
Tot Ion: 99 Resp: 398404

Ion Ratio Lower Upper

99 100

42 21.5 14.1 21.1#

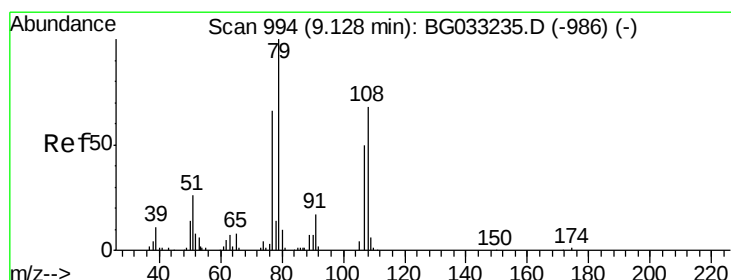
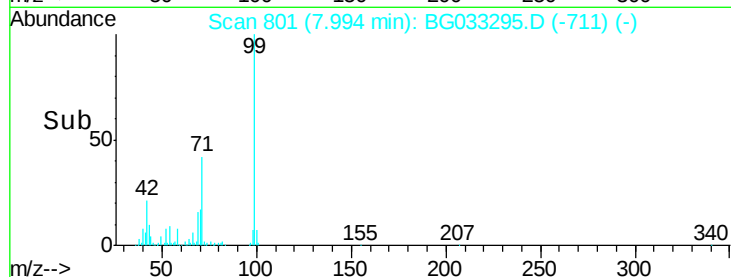
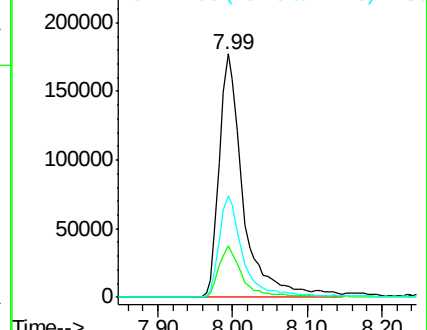
71 41.6 26.1 39.1#



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: 2.031 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.10 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

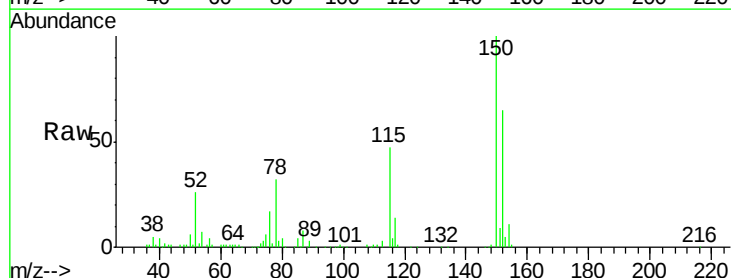
Tgt Ion: 79 Resp: 5262

Ion Ratio Lower Upper

79 100

108 26.9 57.2 85.8#

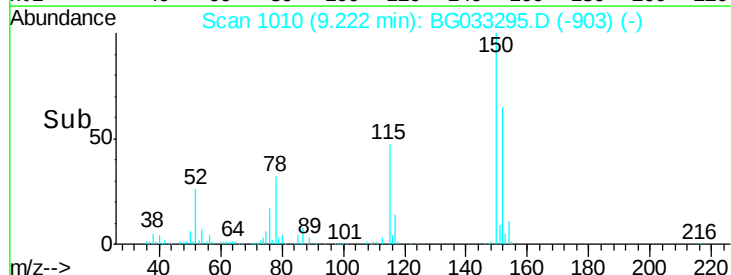
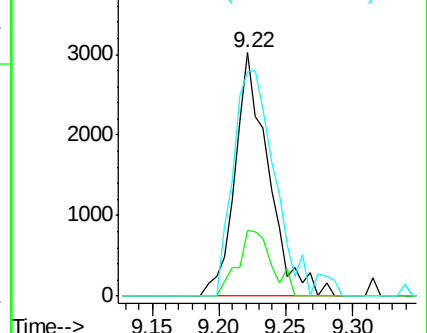
77 92.0 46.1 69.1#



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

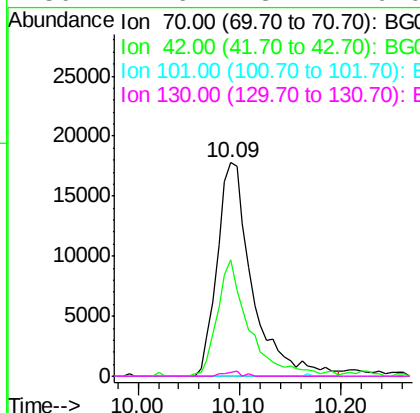
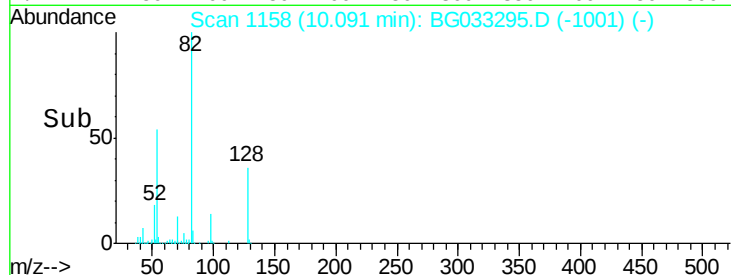
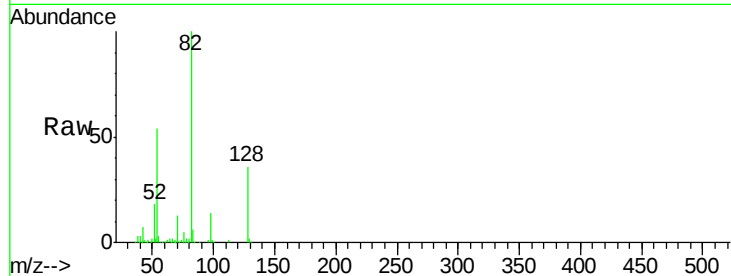




#19
n-Nitroso-di-n-propylamine
Concen: 17.712 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

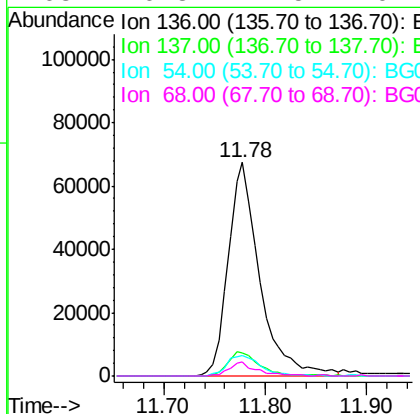
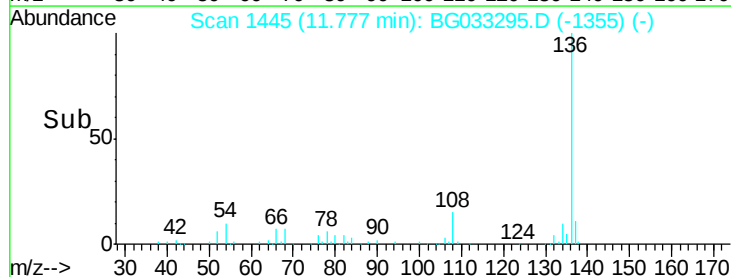
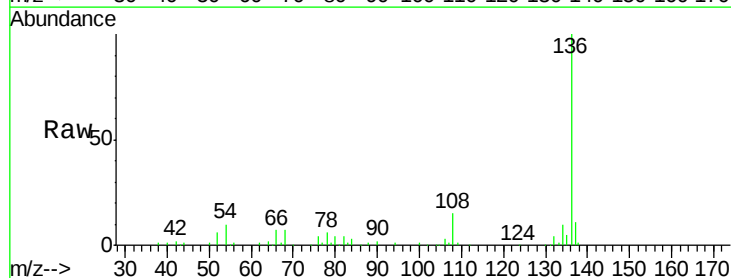
Instrument :
BNA_G
ClientSampleId :

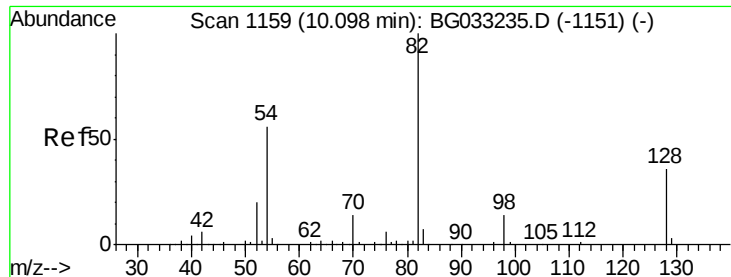
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.4	49.1	73.7
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	9.7	10.3	15.5#
68	6.8	4.5	6.7#





#23

Nitrobenzene-d5

Concen: 103.502 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

Instrument :

BNA_G

ClientSampled :

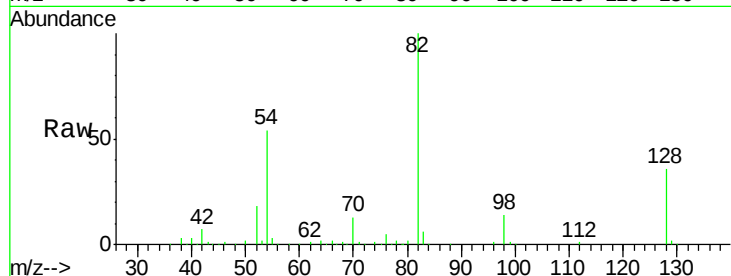
Tot Ion: 82 Resp: 327096

Ion Ratio Lower Upper

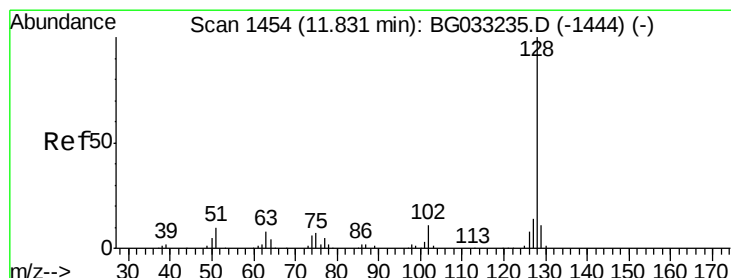
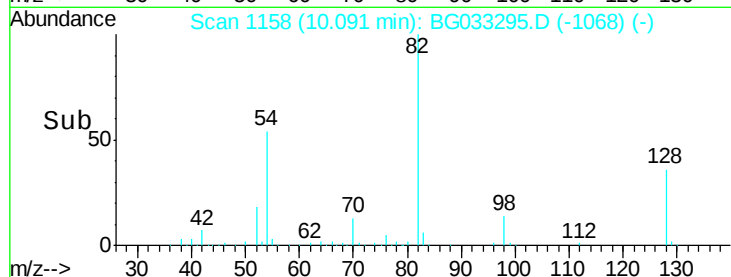
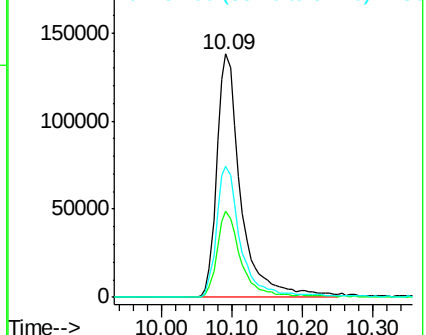
82 100

128 35.6 29.7 44.5

54 53.8 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



#31

Naphthalene

Concen: 2.196 ng

RT: 11.82 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

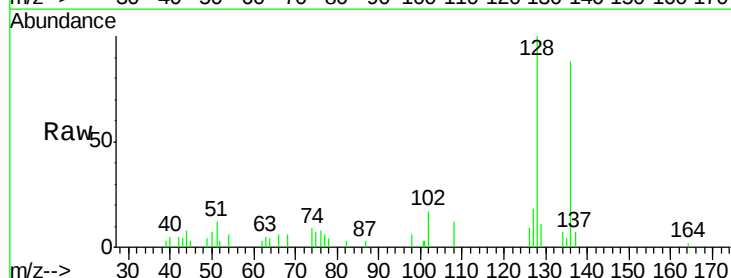
Tgt Ion: 128 Resp: 16520

Ion Ratio Lower Upper

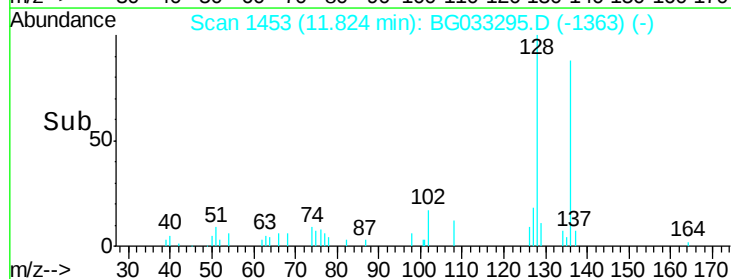
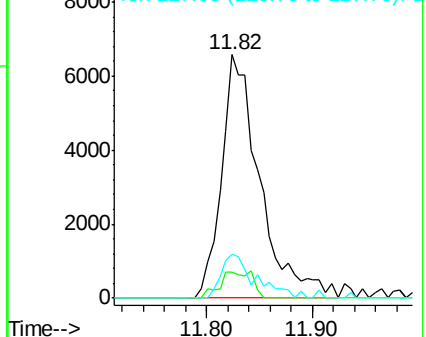
128 100

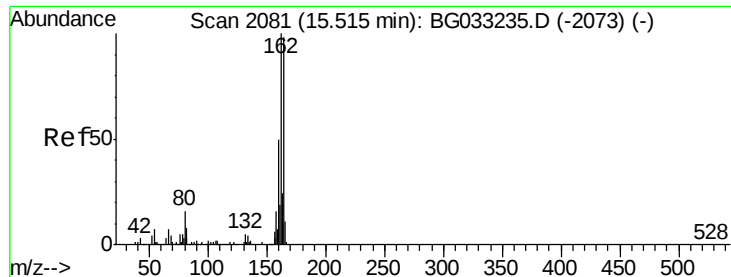
129 10.8 8.6 12.8

127 18.2 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

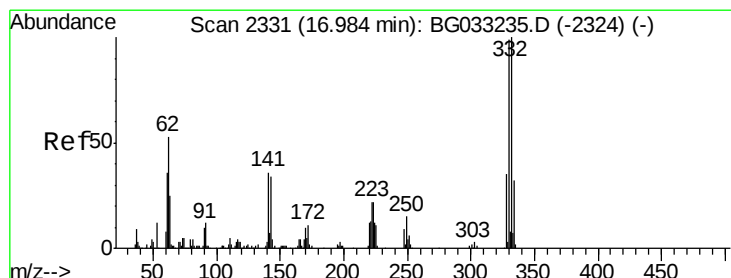
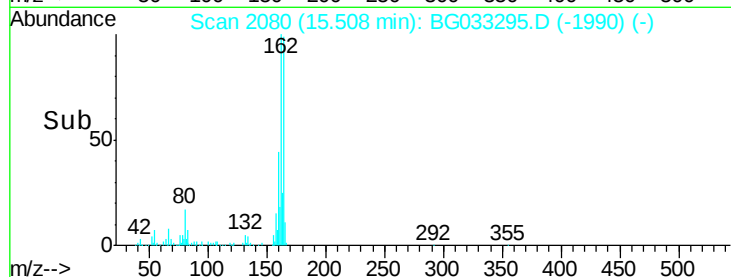
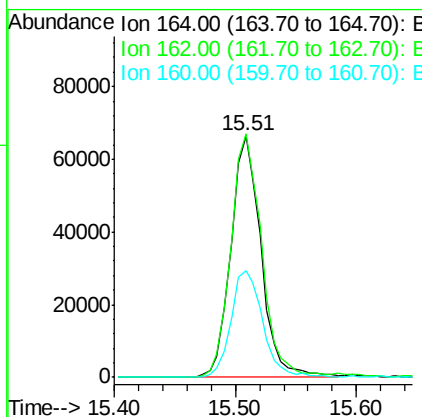
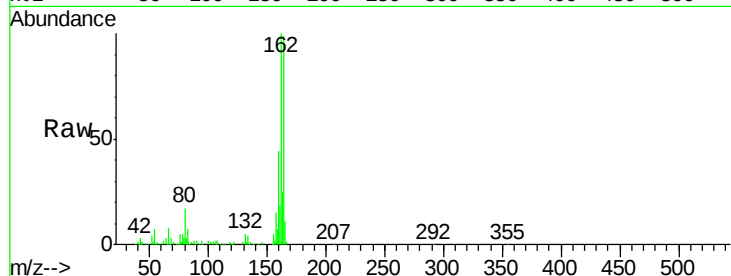




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

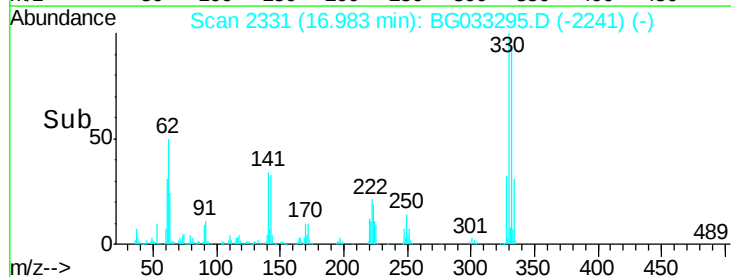
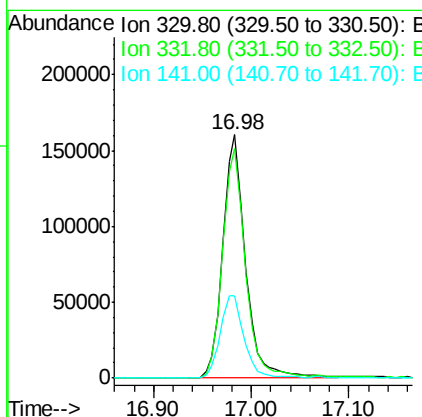
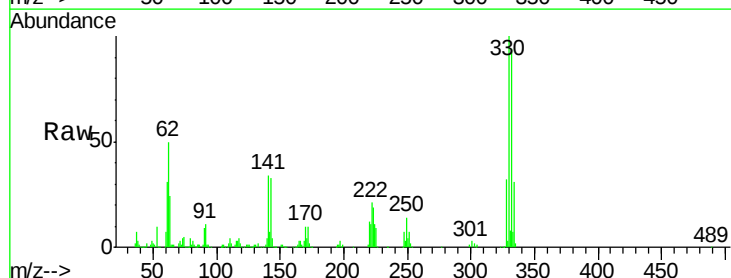
Instrument :
BNA_G
ClientSampleId :

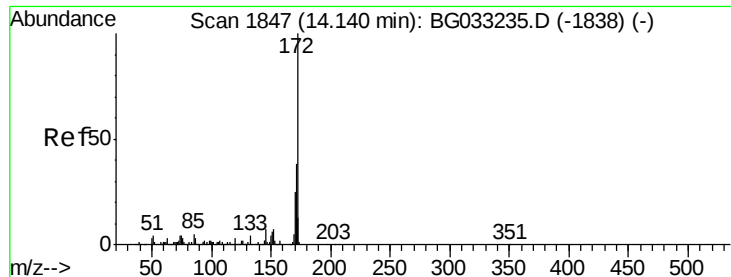
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	78.8	118.2
160	44.2	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 149.663 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	35.7	25.2	37.8

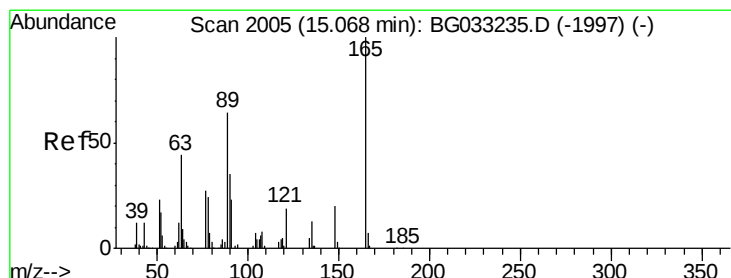
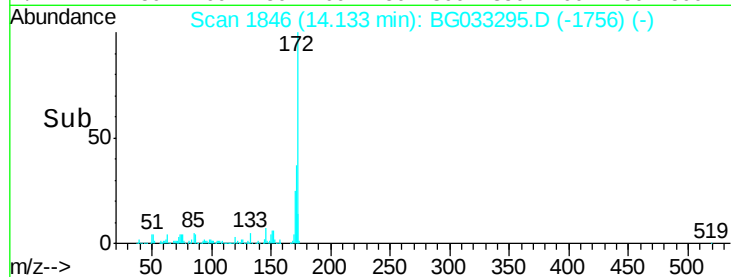
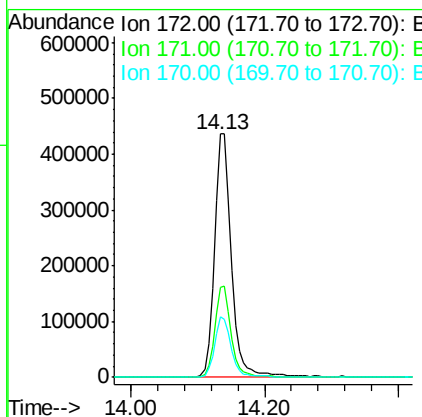
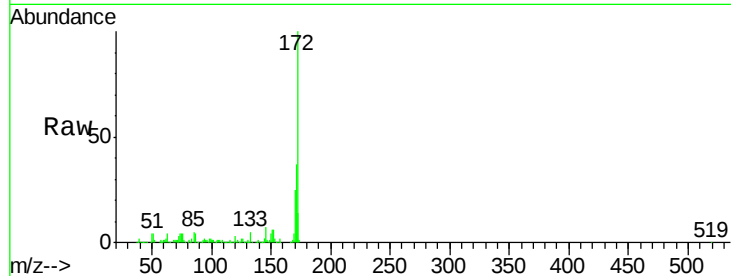




#44
2-Fluorobiphenyl
Concen: 97.570 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

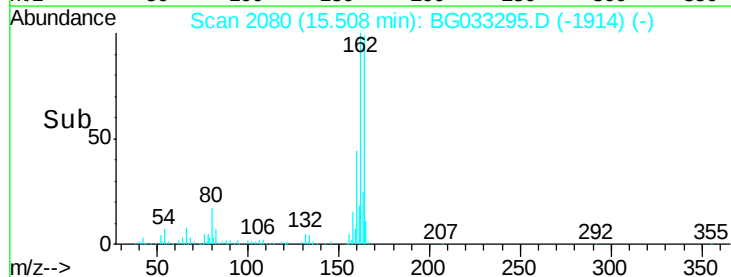
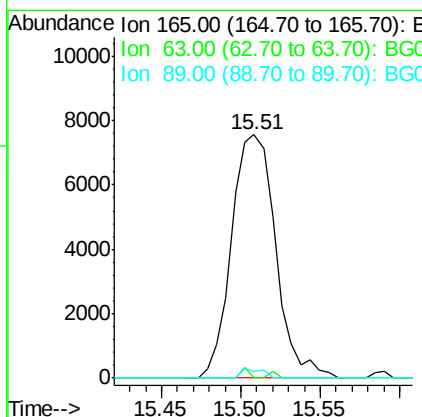
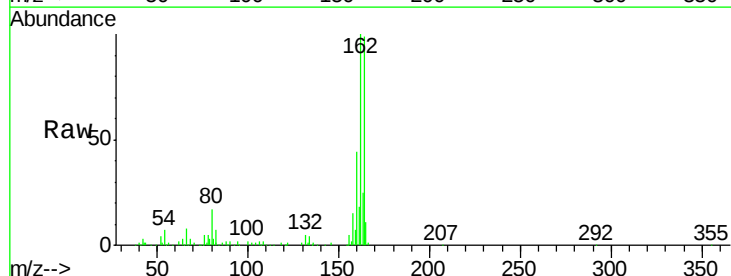
Instrument :
BNA_G
ClientSampleId :

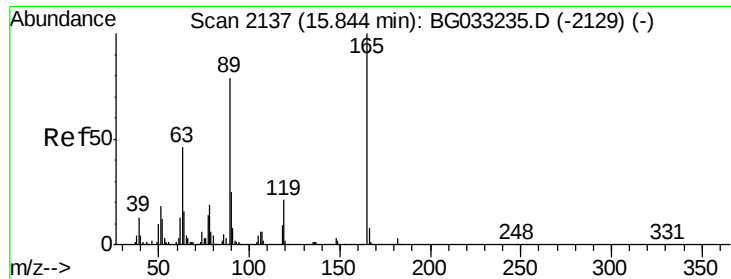
Tot Ion:172 Resp: 783281
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 25.1 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.081 ng
RT: 15.51 min Scan# 2080
Delta R.T. 0.44 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

Tgt Ion:165 Resp: 14603
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.6 49.2 73.8#

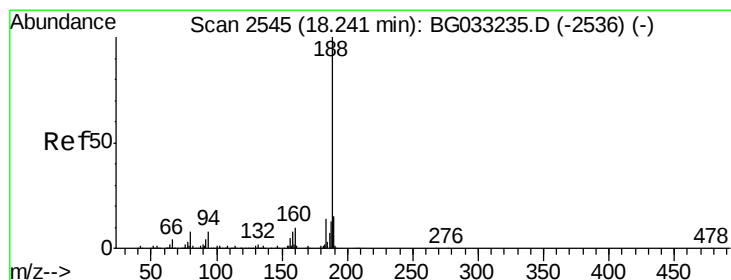
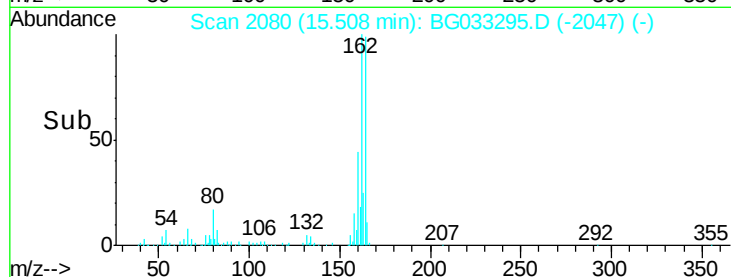
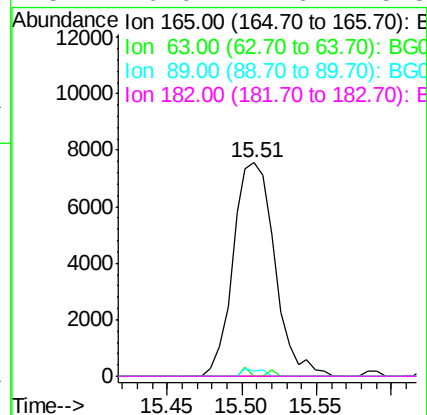
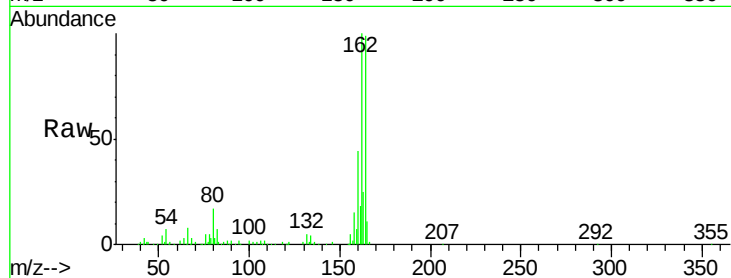




#56
2,4-Dinitrotoluene
Concen: 4.810 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.34 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

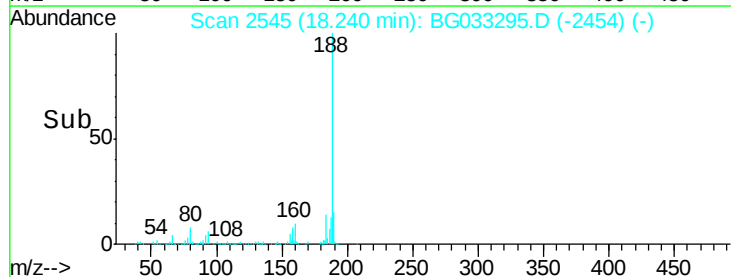
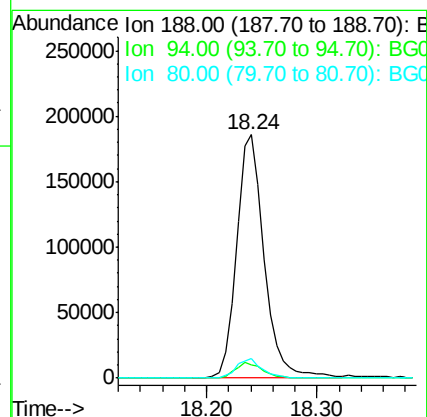
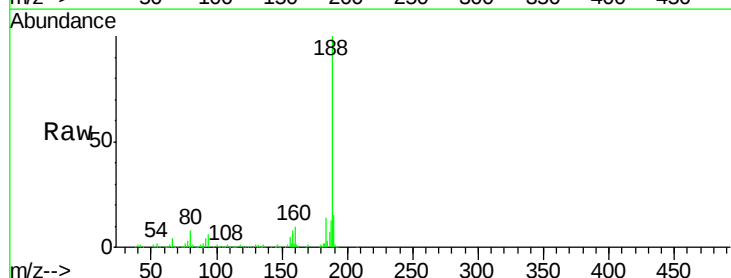
Instrument :
BNA_G
ClientSampleId :

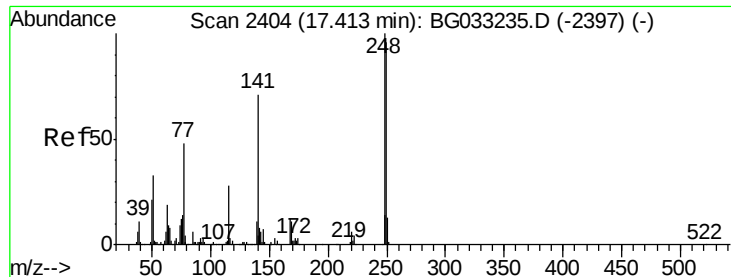
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.6	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	7.9	7.7	11.5

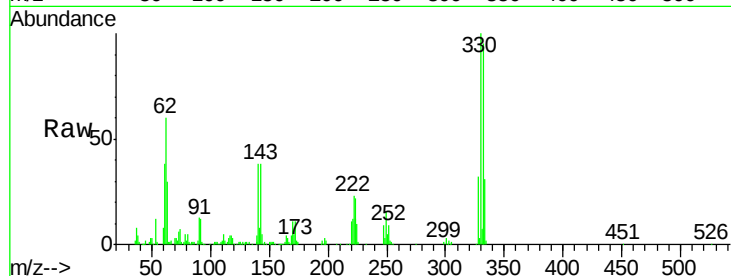




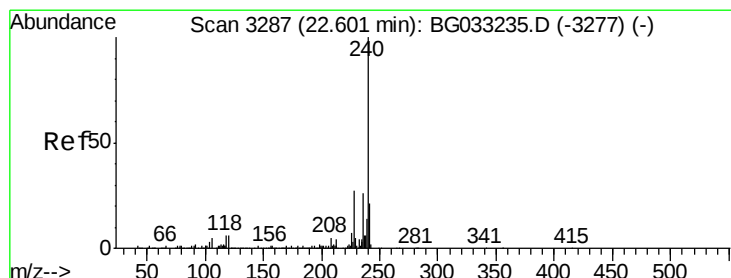
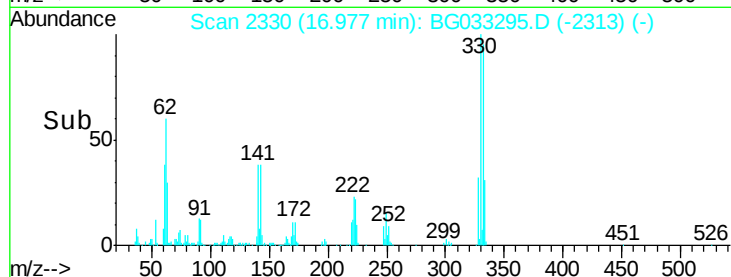
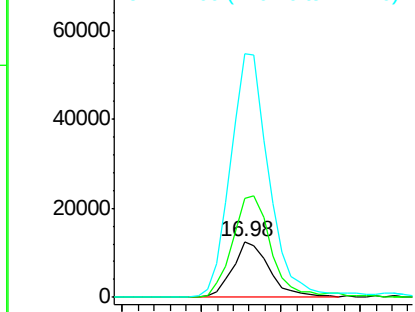
#66
4-Bromophenyl-phenylether
Concen: 5.276 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20188
Ion Ratio Lower Upper
248 100
250 177.5 77.1 115.7#
141 438.2 50.8 76.2#

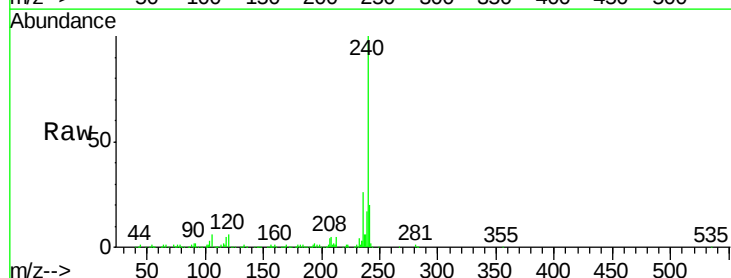


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

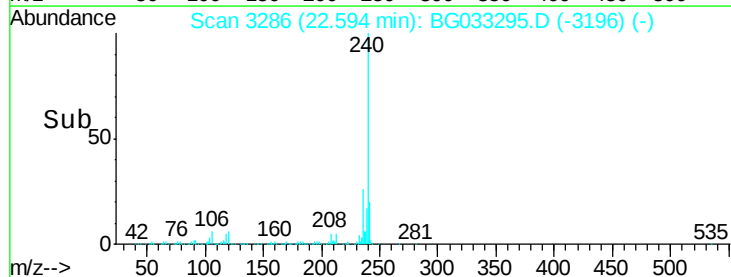
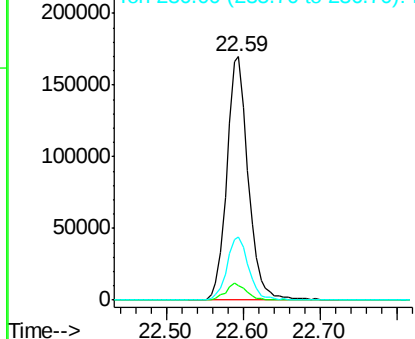


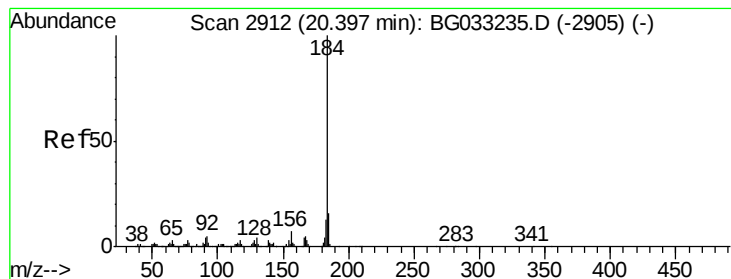
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

Tgt Ion:240 Resp: 330159
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 25.9 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: 2.895 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.36 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

Instrument :

BNA_G

ClientSampleId :

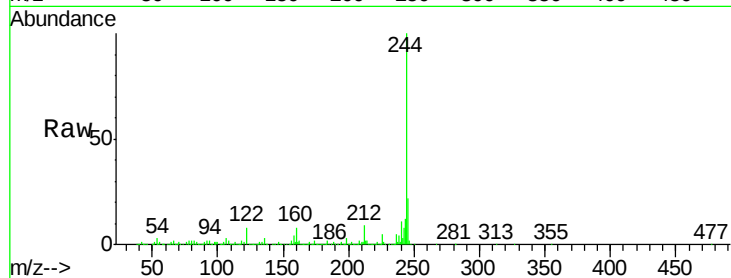
Tot Ion:184 Resp: 25916

Ion Ratio Lower Upper

184 100

185 17.0 11.1 16.7#

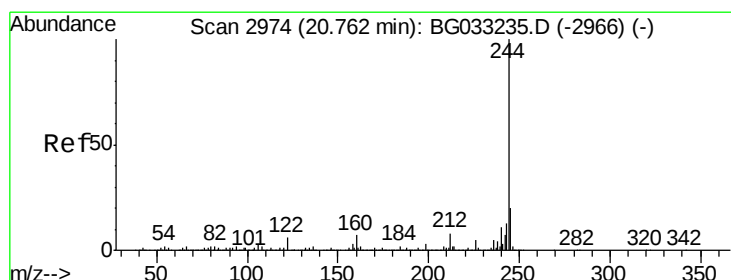
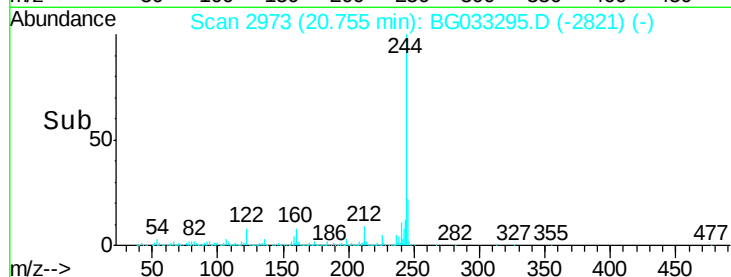
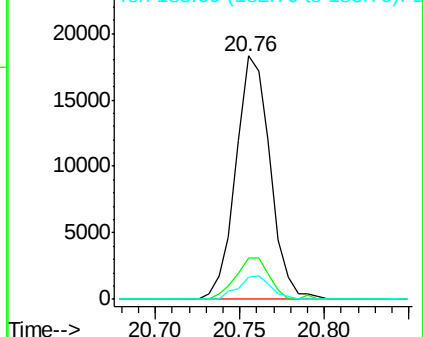
183 8.9 10.6 16.0#



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: 102.060 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

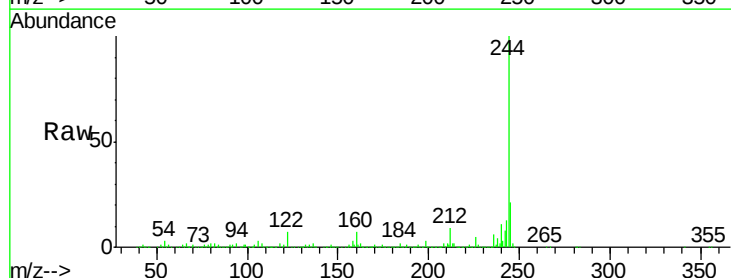
Tgt Ion:244 Resp: 1575602

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

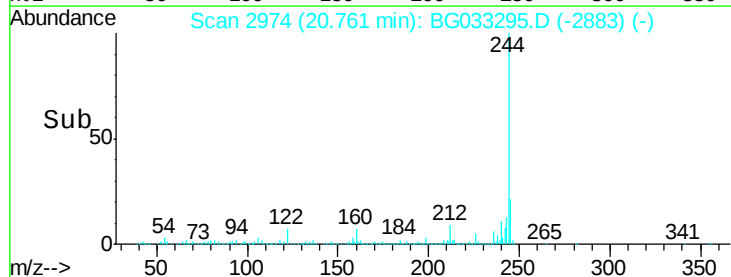
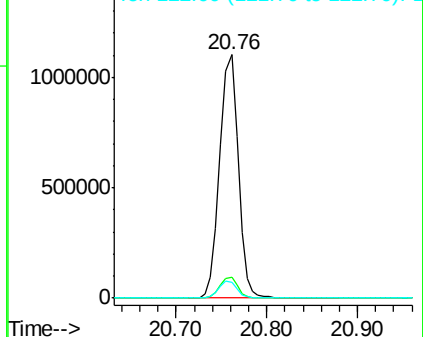
122 6.6 7.0 10.4#



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
Pervlene-d12
Concen: 20.000 ng
RT: 26.38 min Scan# 3931
Delta R.T. -0.00 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	21.7	17.7	26.5

