

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033303.D
 Acq On : 22 Mar 2018 20:28
 Operator : SJ/JU
 Sample : J1993-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 04:17:06 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

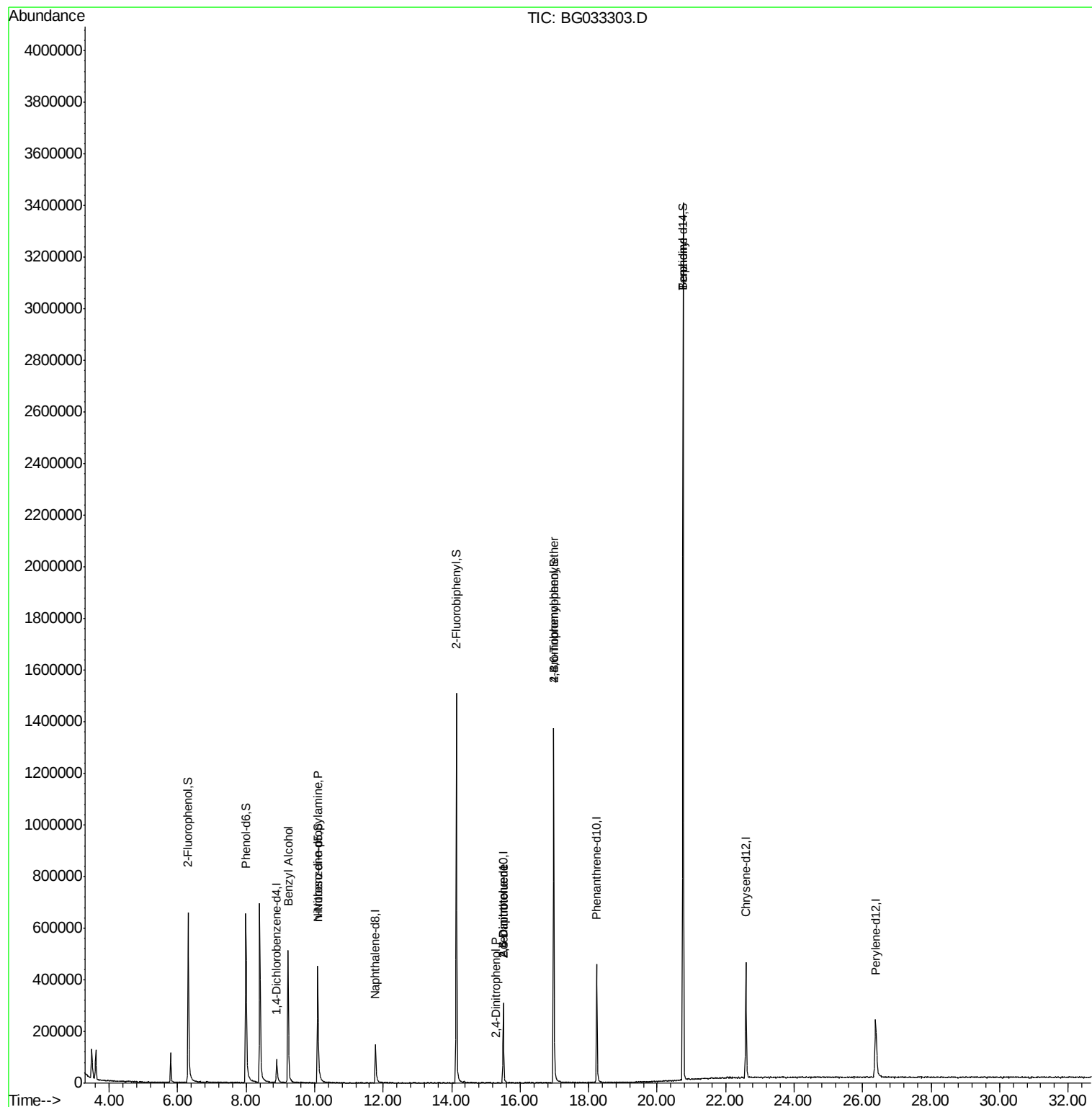
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	34688	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	149106	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	121403	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	335459	20.00	ng	0.00
75) Chrysene-d12	22.59	240	325968	20.00	ng	0.00
86) Perylene-d12	26.38	264	339737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	325055	175.71	ng	0.00
7) Phenol-d6	7.99	99	469746	147.79	ng	0.00
23) Nitrobenzene-d5	10.09	82	345955	106.60	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	285904	157.46	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	863656	102.70	ng	0.00
78) Terphenyl-d14	20.76	244	1699693	111.51	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.23	79	5758	2.301	ng	# 48
19) n-Nitroso-di-n-propylamine	10.09	70	46826	20.105	ng	# 78
50) 2,6-Dinitrotoluene	15.51	165	15474	7.163	ng	# 20
53) 2,4-Dinitrophenol	15.30	184	67	7.697	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	15474	4.865	ng	# 18
66) 4-Bromophenyl-phenylether	16.99	248	21354	5.420	ng	# 1
76) Benizidine	20.76	184	27895	3.156	ng	# 91

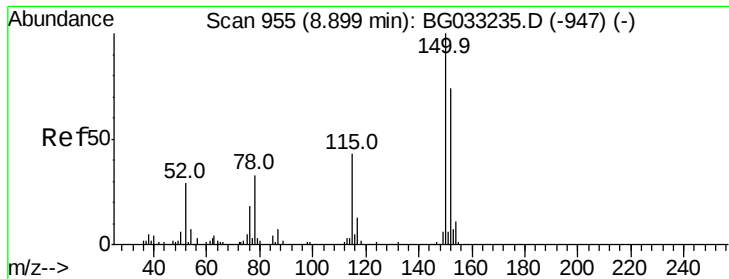
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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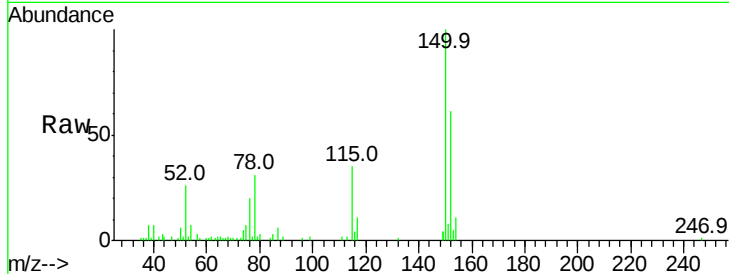


#1

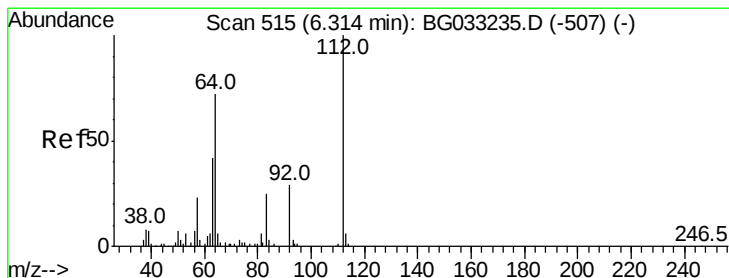
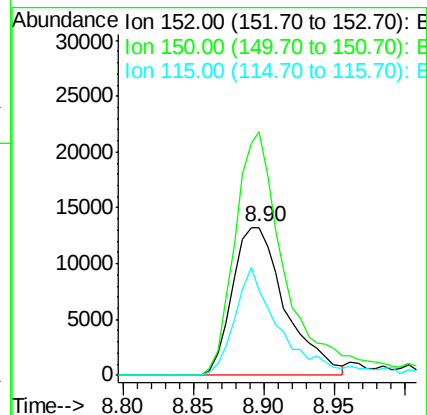
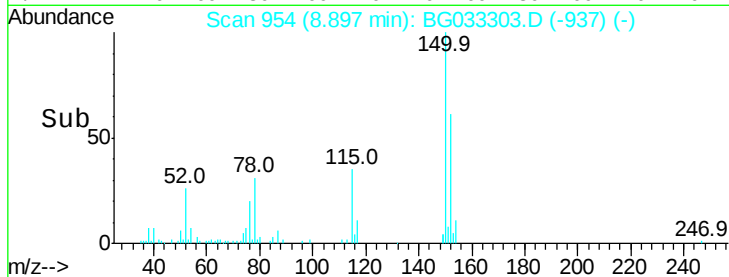
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG033303.D
Acq: 22 Mar 2018 20:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34688
Ion Ratio Lower Upper
152 100
150 164.6 126.6 189.8
115 57.6 53.0 79.4



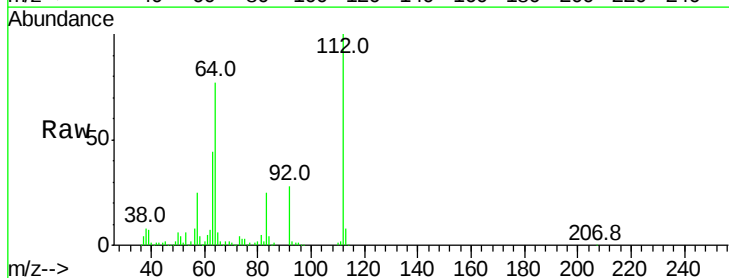
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



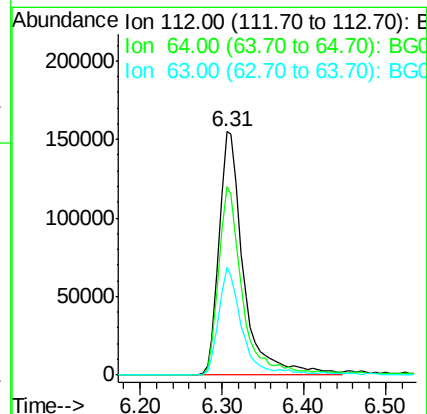
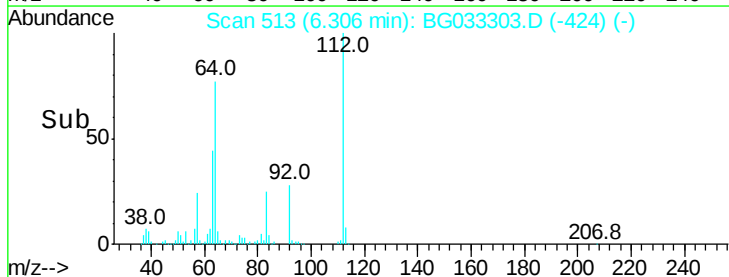
#5

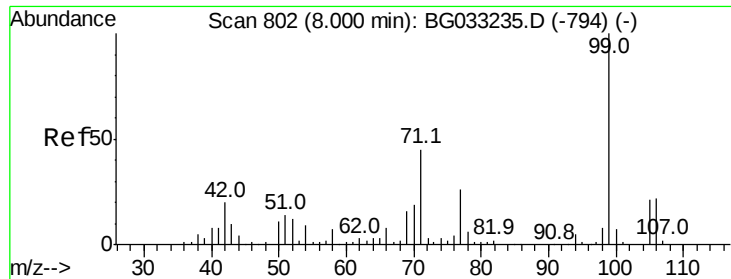
2-Fluorophenol
Concen: 175.714 ng
RT: 6.31 min Scan# 513
Delta R.T. -0.01 min
Lab File: BG033303.D
Acq: 22 Mar 2018 20:28

Tgt Ion:112 Resp: 325055
Ion Ratio Lower Upper
112 100
64 77.2 56.3 84.5
63 44.2 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: 147.788 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG033303.D

Acq: 22 Mar 2018 20:28

Instrument :

BNA_G

ClientSampled :

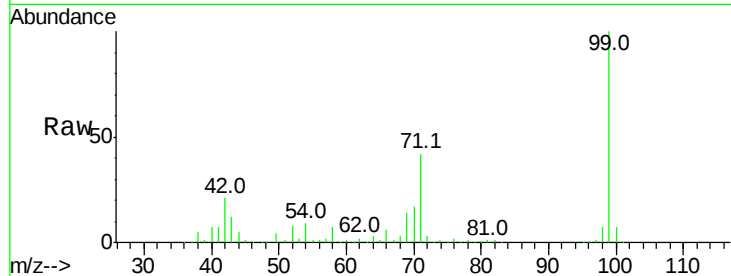
Tot Ion: 99 Resp: 469746

Ion Ratio Lower Upper

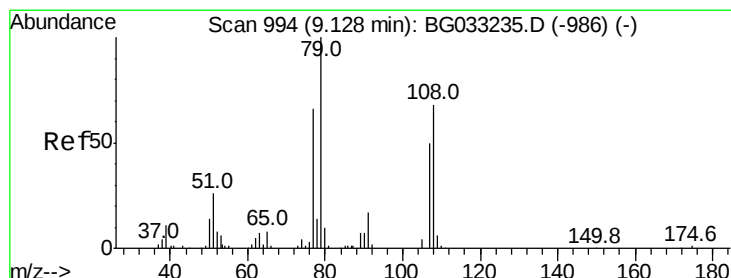
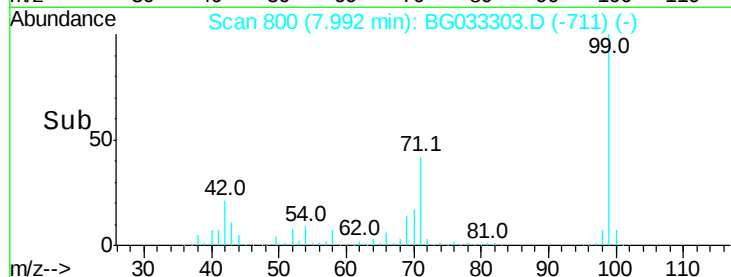
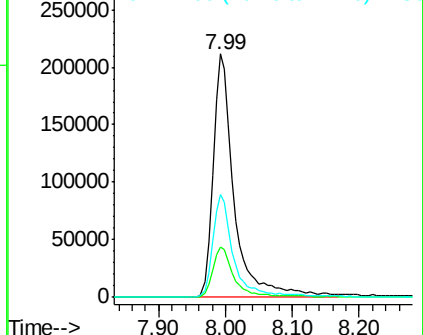
99 100

42 20.8 14.1 21.1

71 42.3 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: 2.301 ng

RT: 9.23 min Scan# 1010

Delta R.T. 0.10 min

Lab File: BG033303.D

Acq: 22 Mar 2018 20:28

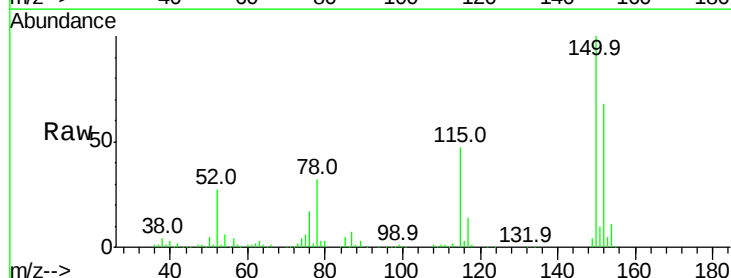
Tgt Ion: 79 Resp: 5758

Ion Ratio Lower Upper

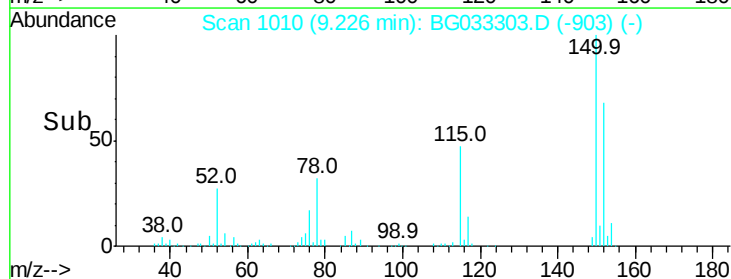
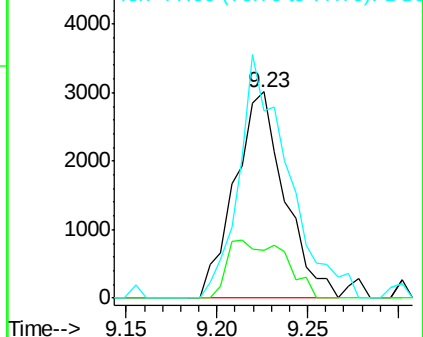
79 100

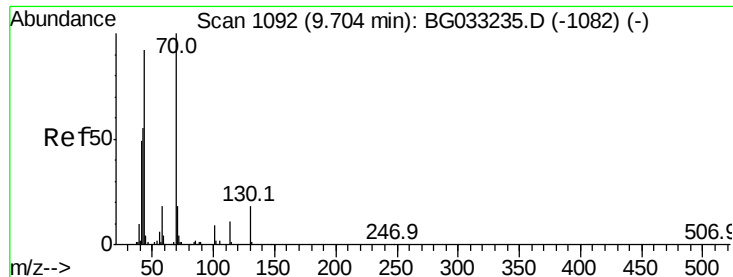
108 23.4 57.2 85.8#

77 91.0 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

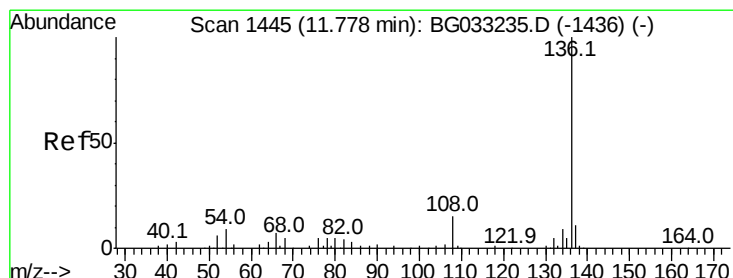
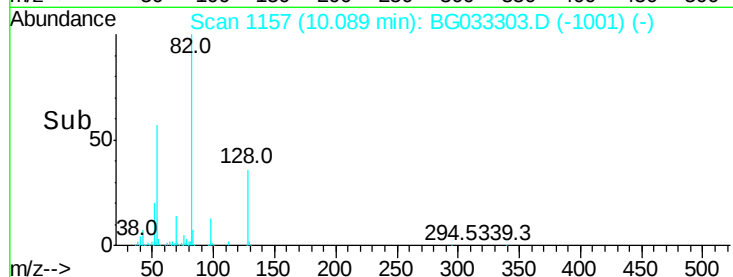
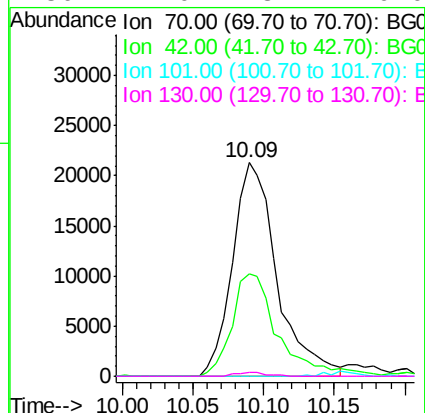
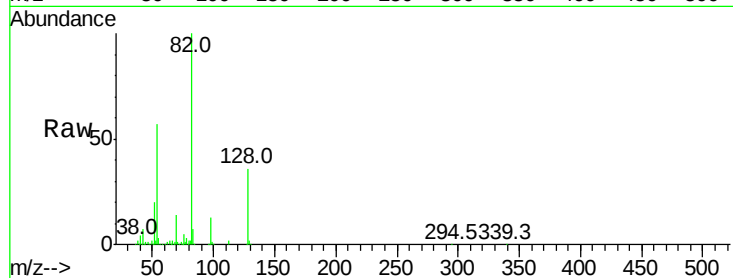




#19
n-Nitroso-di-n-propylamine
Concen: 20.105 ng
RT: 10.09 min Scan# 1157
Delta R.T. 0.39 min
Lab File: BG033303.D
Acq: 22 Mar 2018 20:28

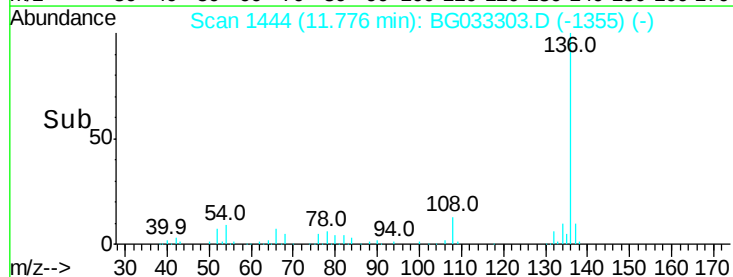
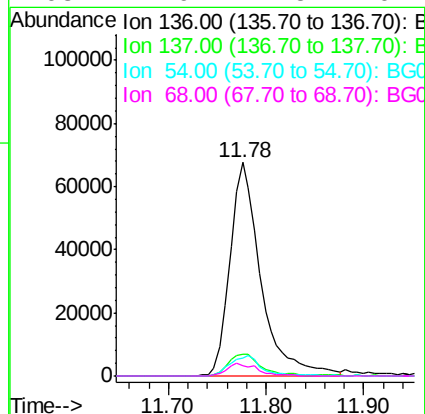
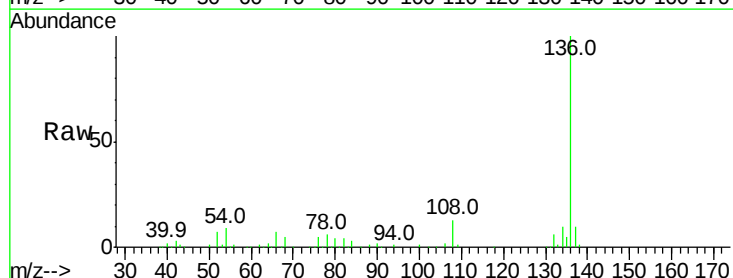
Instrument :
BNA_G
ClientSampleId :

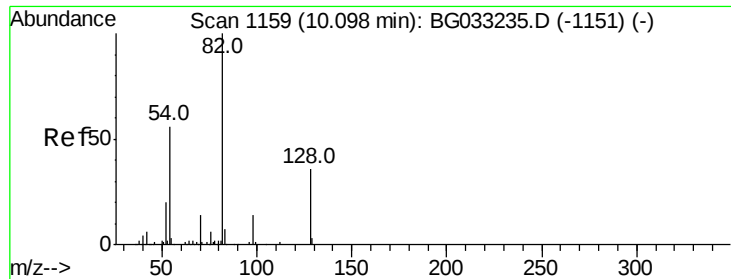
Tot Ion: 70 Resp: 46826
Ion Ratio Lower Upper
70 100
42 48.0 49.1 73.7#
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033303.D
Acq: 22 Mar 2018 20:28

Tgt Ion: 136 Resp: 149106
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 8.7 10.3 15.5#
68 4.9 4.5 6.7

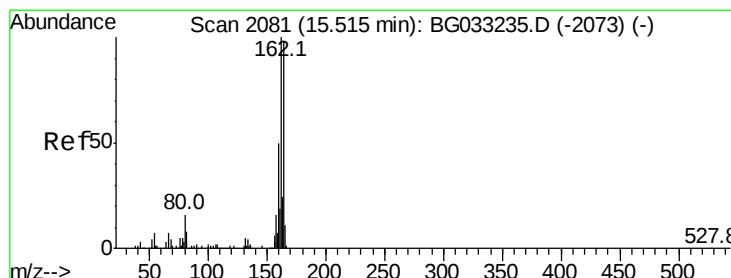
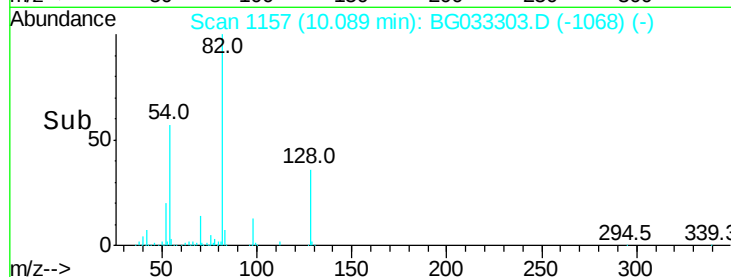
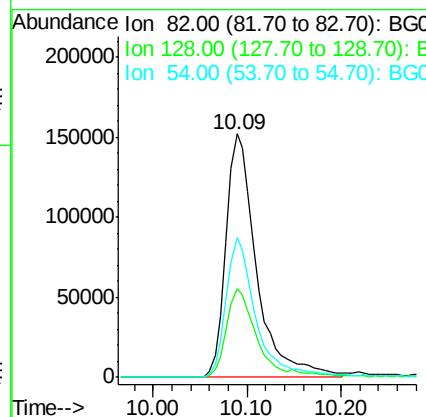
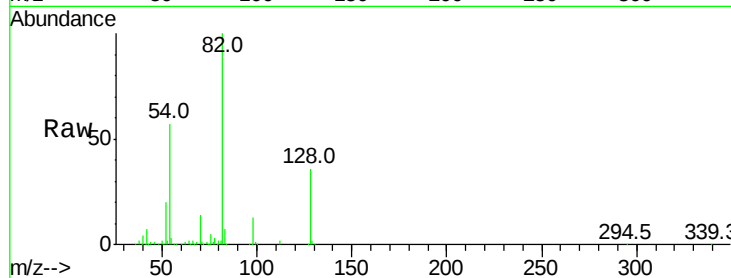




#23
 Nitrobenzene-d5
 Concen: 106.599 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BG033303.D
 Acq: 22 Mar 2018 20:28

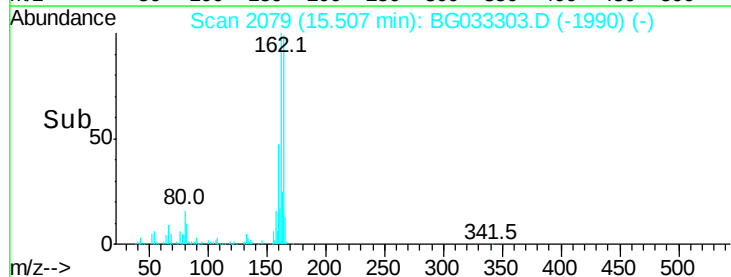
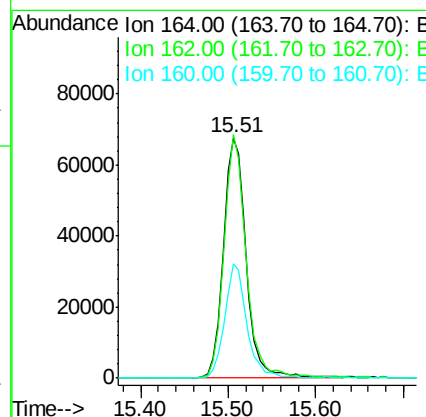
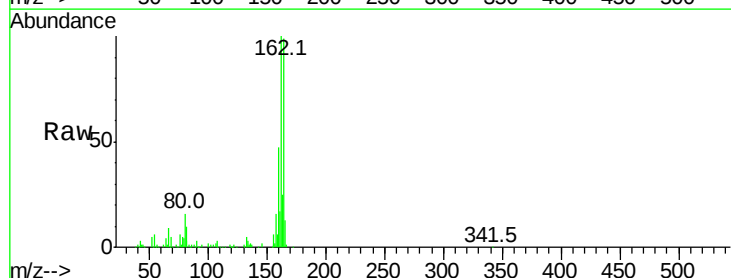
Instrument :
 BNA_G
 ClientSampled :

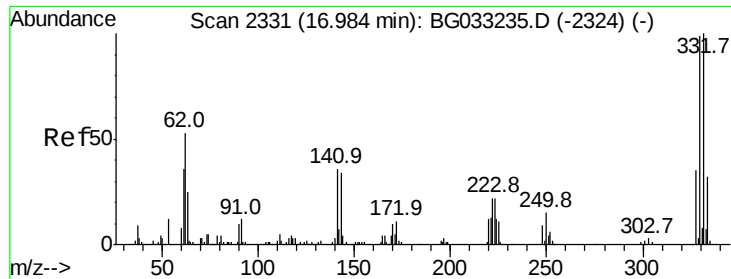
Tot Ion	82	Resp	345955
Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.7	44.5
54	57.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG033303.D
 Acq: 22 Mar 2018 20:28

Tgt Ion	164	Resp	121403
Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	47.8	35.4	53.0

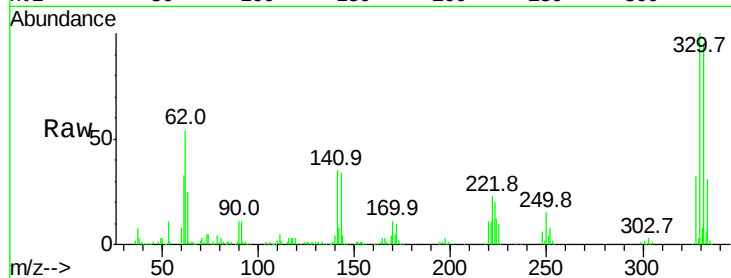




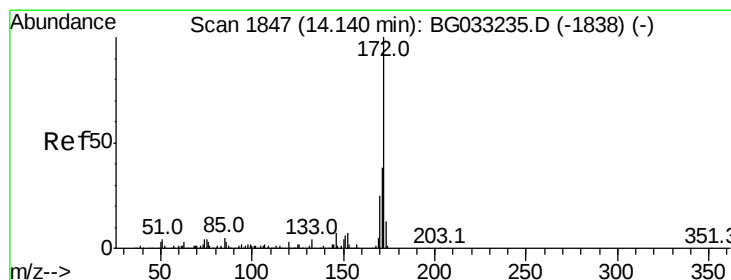
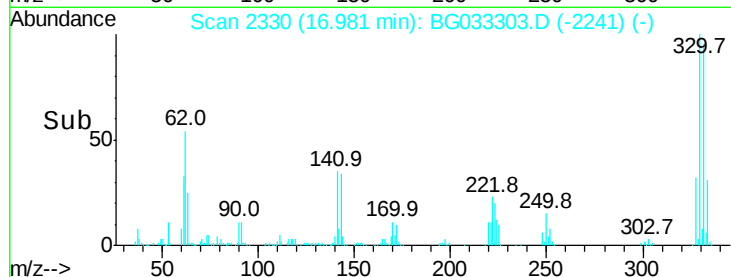
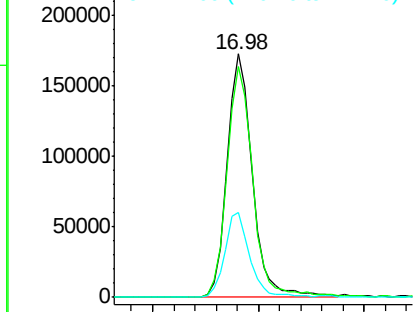
#41
 2,4,6-Tribromophenol
 Concen: 157.460 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG033303.D
 Acq: 22 Mar 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 285904
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 34.1 25.2 37.8

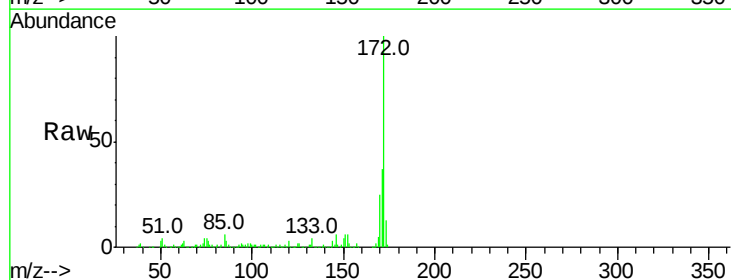


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

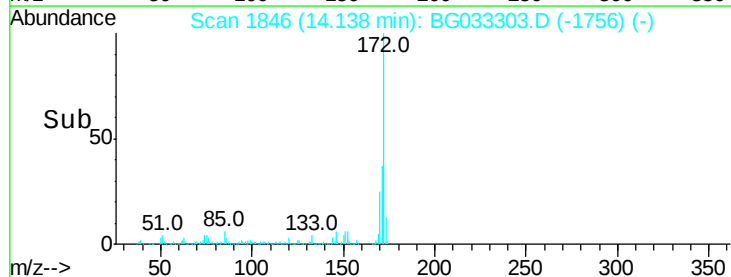
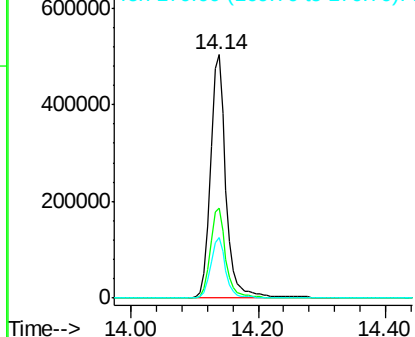


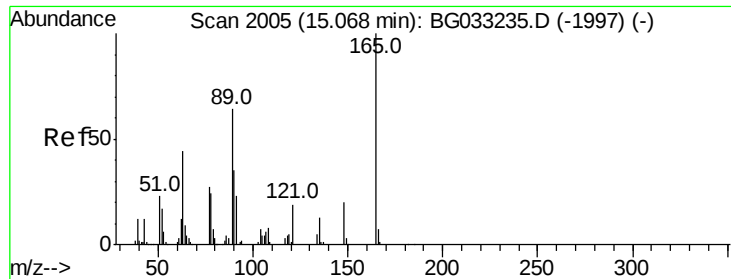
#44
 2-Fluorobiphenyl
 Concen: 102.700 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG033303.D
 Acq: 22 Mar 2018 20:28

Tgt Ion:172 Resp: 863656
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 24.7 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: 7.163 ng

RT: 15.51 min Scan# 2079

Delta R.T. 0.44 min

Lab File: BG033303.D

Acq: 22 Mar 2018 20:28

Instrument :

BNA_G

ClientSampleId :

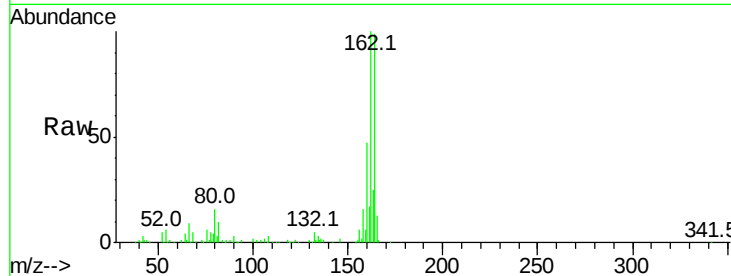
Tot Ion:165 Resp: 15474

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

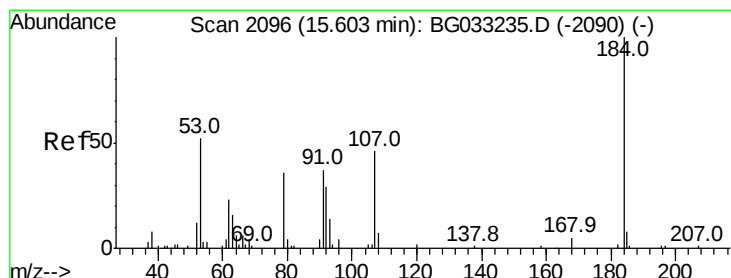
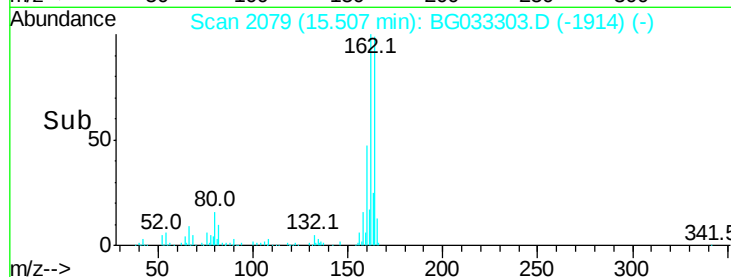
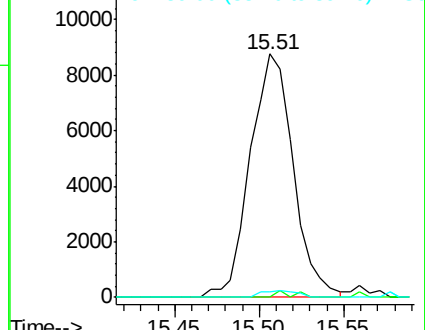
89 2.1 49.2 73.8#



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: 7.697 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.31 min

Lab File: BG033303.D

Acq: 22 Mar 2018 20:28

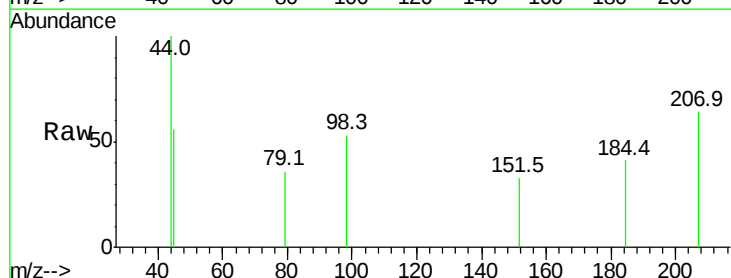
Tgt Ion:184 Resp: 67

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

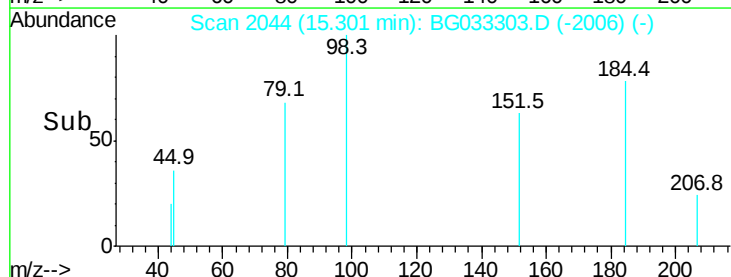
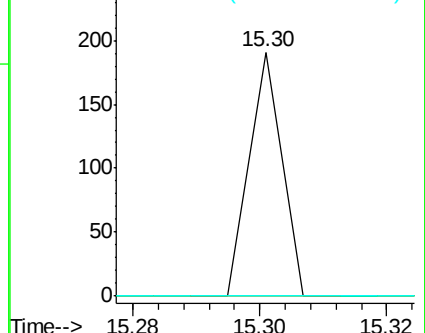
154 0.0 101.8 152.8#

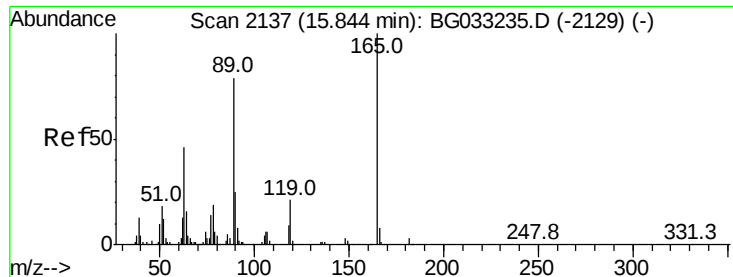


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

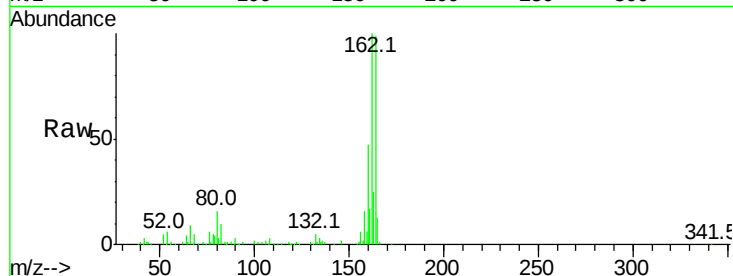




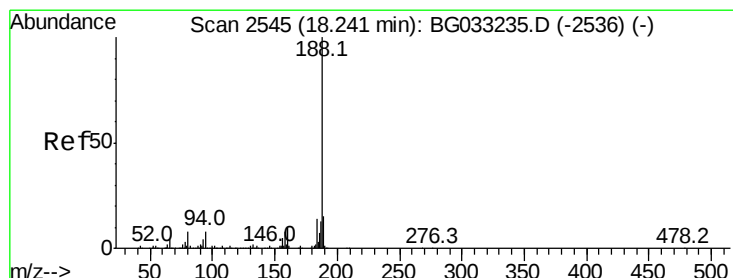
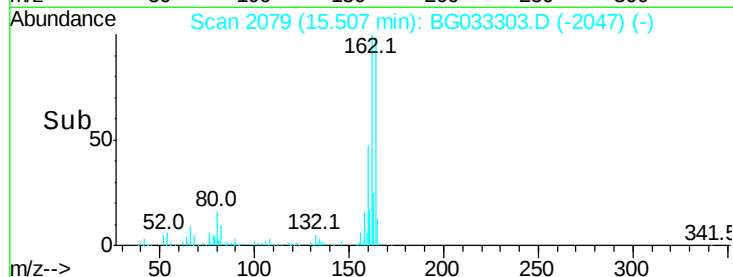
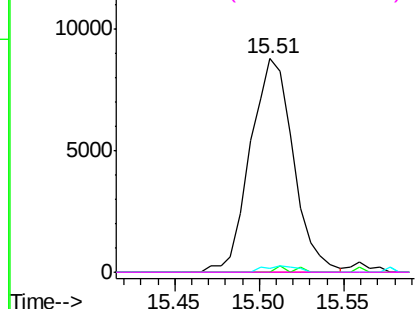
#56
 2,4-Dinitrotoluene
 Concen: 4.865 ng
 RT: 15.51 min Scan# 2079
 Delta R.T. -0.34 min
 Lab File: BG033303.D
 Acq: 22 Mar 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15474
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.1 66.9 100.3#
 182 0.0 2.6 3.8#

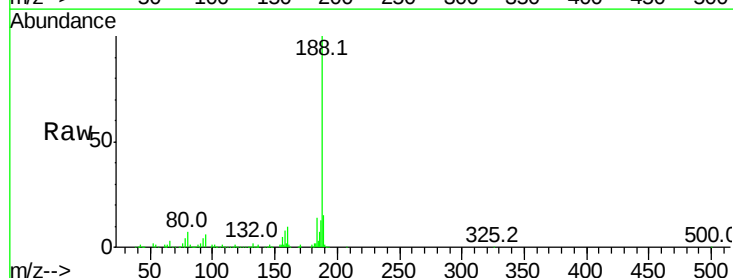


Abundance Ion 165.00 (164.70 to 165.70): E

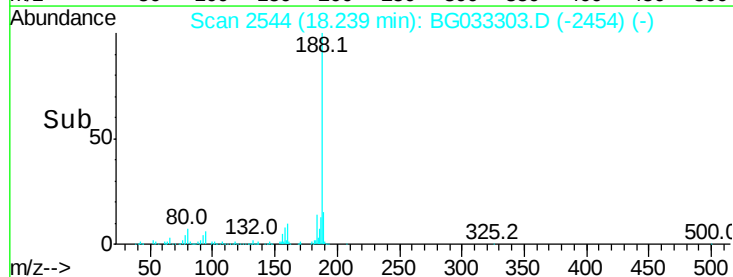
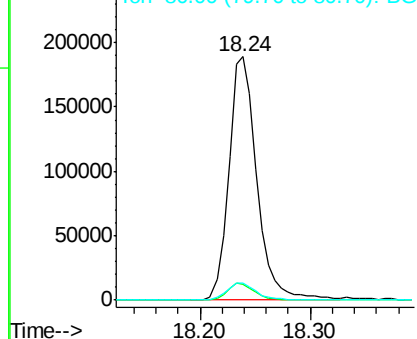


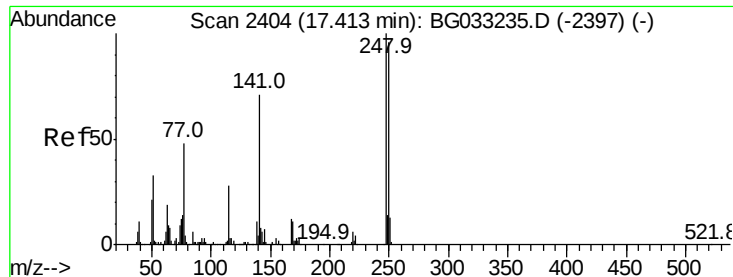
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: BG033303.D
 Acq: 22 Mar 2018 20:28

Tgt Ion:188 Resp: 335459
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

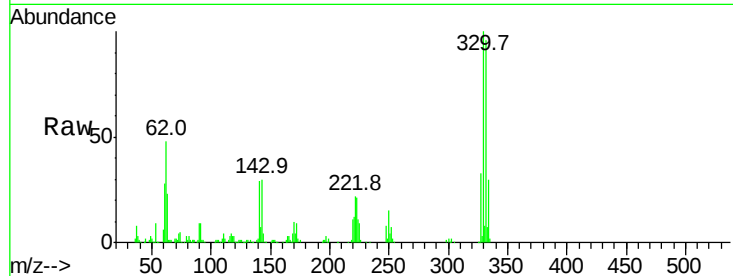




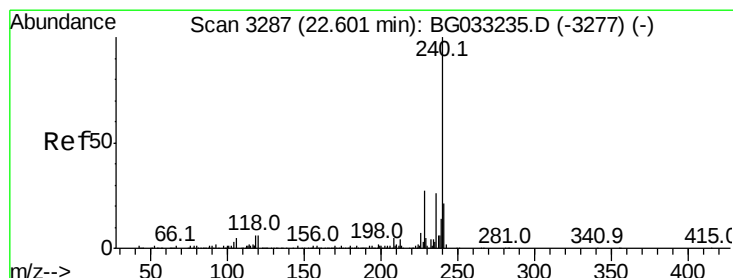
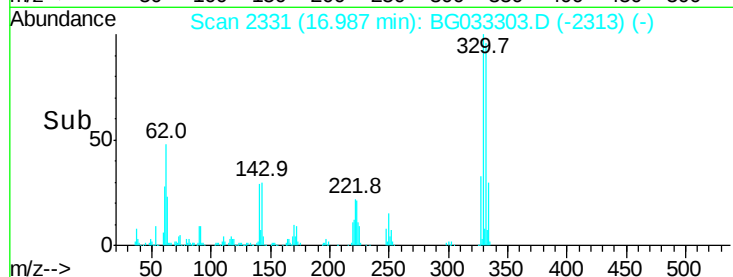
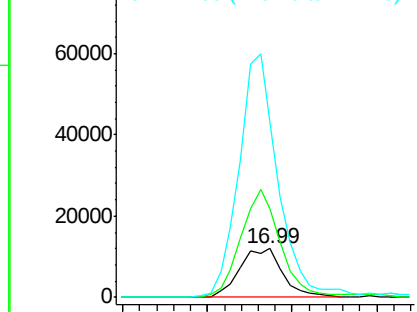
#66
4-Bromophenyl-phenylether
Concen: 5.420 ng
RT: 16.99 min Scan# 2331
Delta R.T. -0.42 min
Lab File: BG033303.D
Acq: 22 Mar 2018 20:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 21354
Ion Ratio Lower Upper
248 100
250 183.3 77.1 115.7#
141 362.1 50.8 76.2#

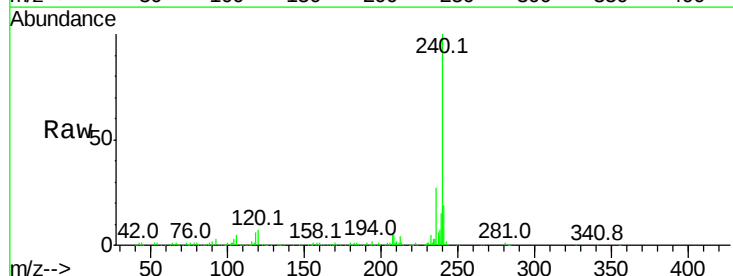


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

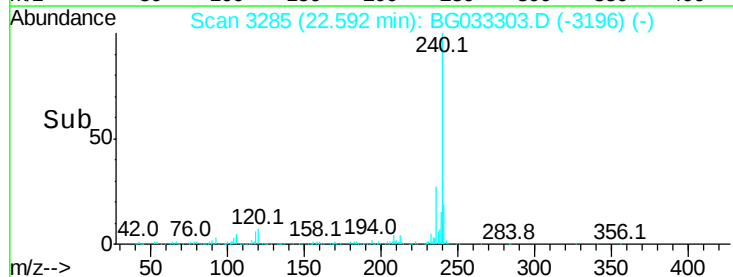
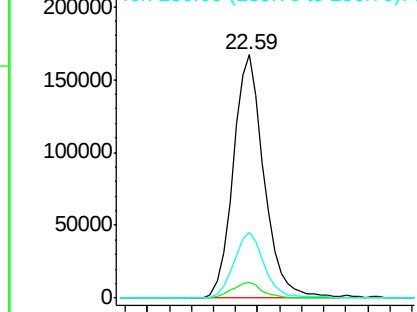


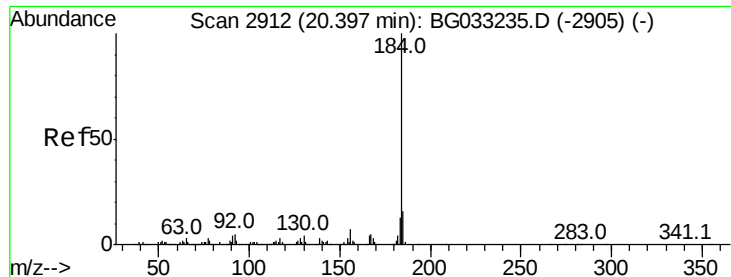
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.01 min
Lab File: BG033303.D
Acq: 22 Mar 2018 20:28

Tgt Ion:240 Resp: 325968
Ion Ratio Lower Upper
240 100
120 6.6 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

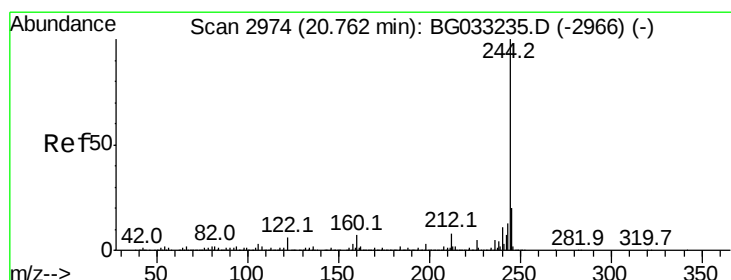
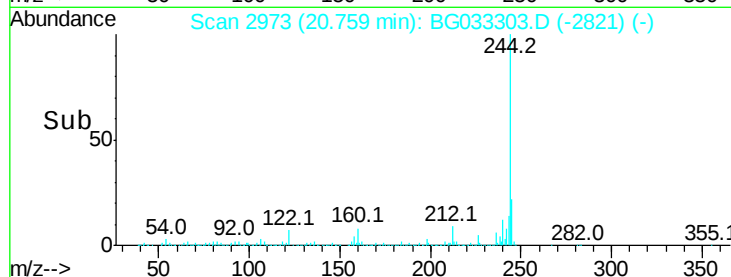
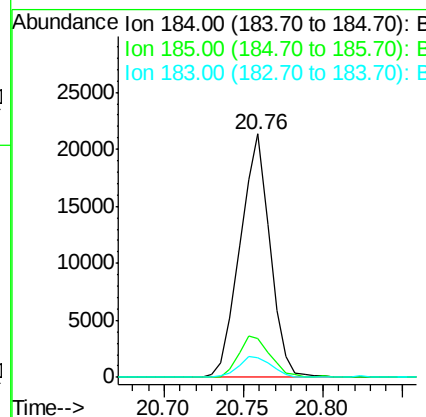
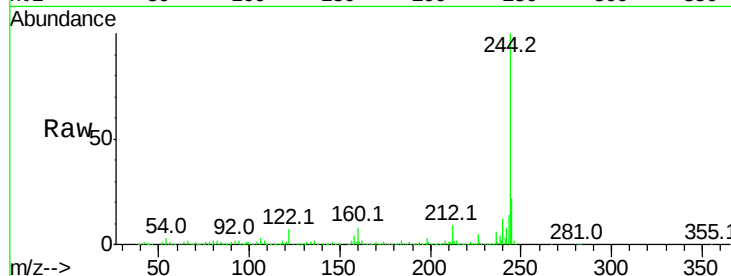




#76
Benzidine
Concen: 3.156 ng
RT: 20.76 min Scan# 2973
Delta R.T. 0.36 min
Lab File: BG033303.D
Acq: 22 Mar 2018 20:28

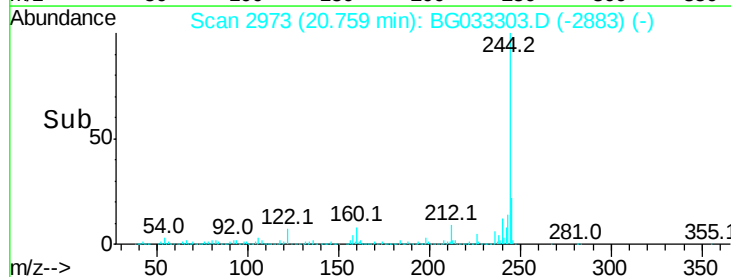
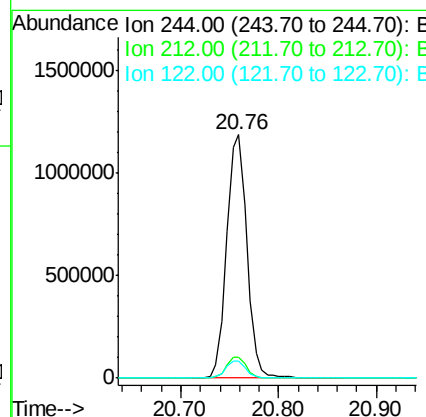
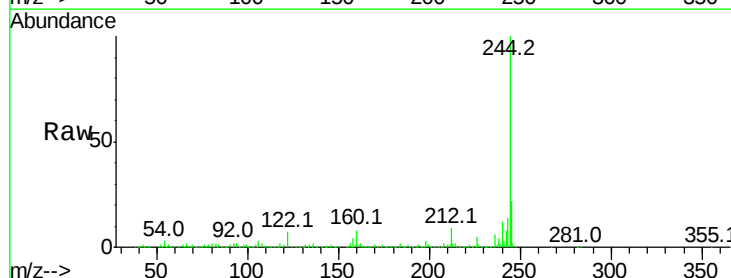
Instrument :
BNA_G
ClientSampleId :

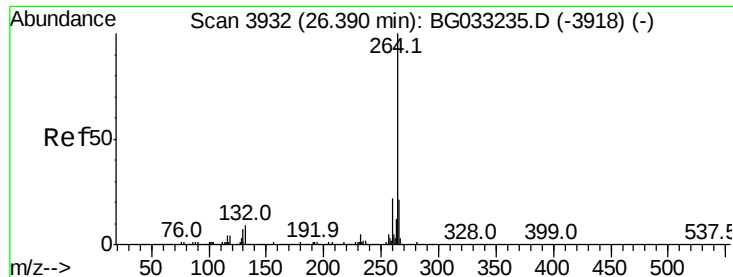
Tot Ion:184 Resp: 27895
Ion Ratio Lower Upper
184 100
185 16.2 11.1 16.7
183 8.3 10.6 16.0#



#78
Terphenyl-d14
Concen: 111.513 ng
RT: 20.76 min Scan# 2973
Delta R.T. 0.00 min
Lab File: BG033303.D
Acq: 22 Mar 2018 20:28

Tgt Ion:244 Resp: 1699693
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 7.0 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.38 min Scan# 3930
 Delta R.T. -0.01 min
 Lab File: BG033303.D
 Acq: 22 Mar 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.4	26.0
265	22.8	17.7	26.5

