

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033493.D
 Acq On : 2 Apr 2018 18:46
 Operator : SJ/JU
 Sample : J2114-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 04:00:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

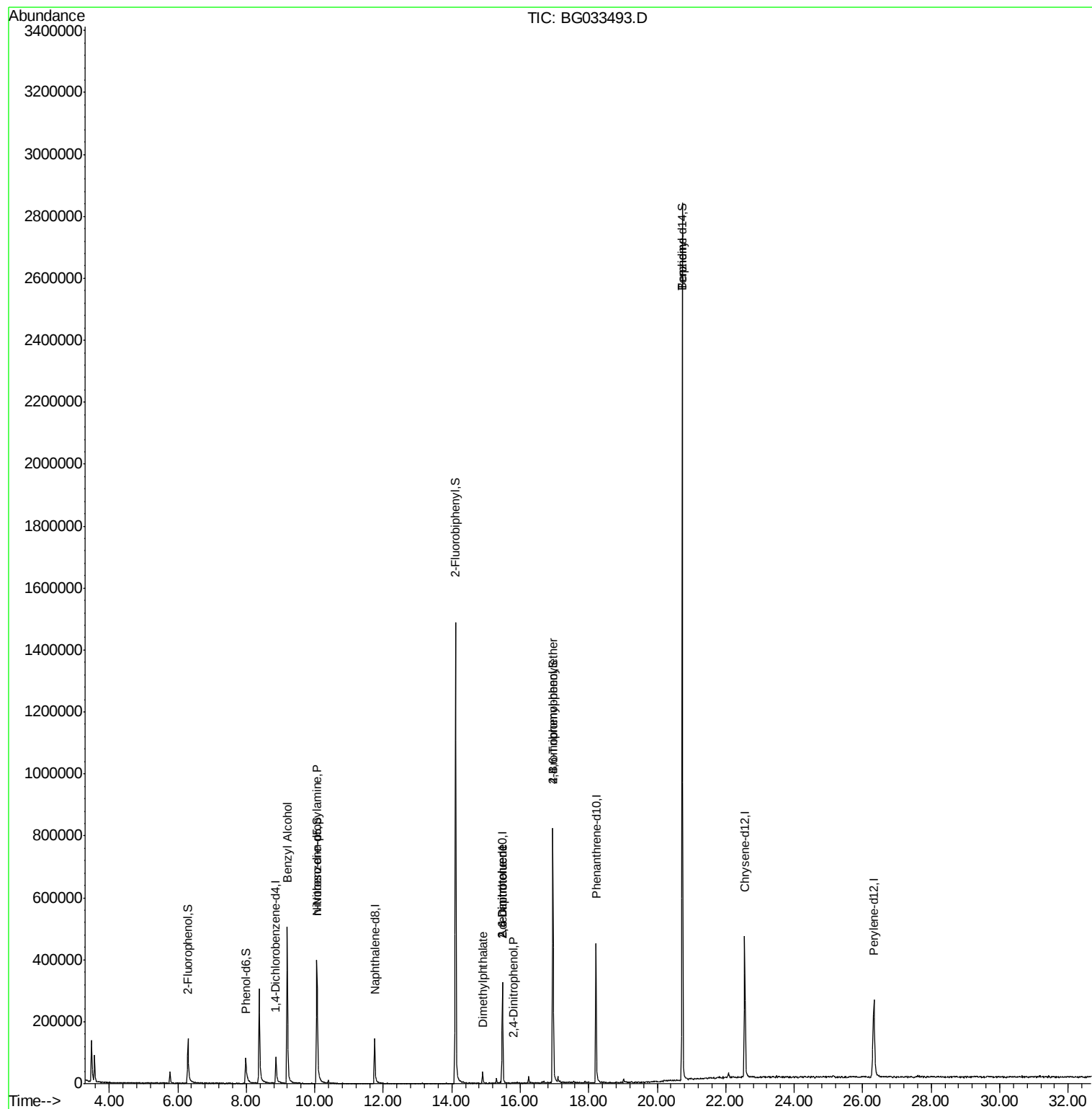
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32352	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	147570	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	119945	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	326221	20.00	ng	0.00
75) Chrysene-d12	22.56	240	334641	20.00	ng	0.00
86) Perylene-d12	26.33	264	354258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	78012	45.22	ng	0.00
7) Phenol-d6	7.98	99	76692	25.87	ng	0.00
23) Nitrobenzene-d5	10.06	82	317675	98.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	166824	92.99	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	853820	102.76	ng	0.00
78) Terphenyl-d14	20.73	244	1457305	93.13	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4972	2.130	ng	# 34
19) n-Nitroso-di-n-propylamine	10.06	70	42270	19.459	ng	# 71
49) Dimethylphthalate	14.90	163	25467	2.440	ng	# 99
50) 2,6-Dinitrotoluene	15.48	165	15313	7.174	ng	# 20
53) 2,4-Dinitrophenol	15.81	184	53	7.686	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	15312	4.872	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	12682	3.310	ng	# 1
76) Benzidine	20.73	184	24657	2.717	ng	# 91

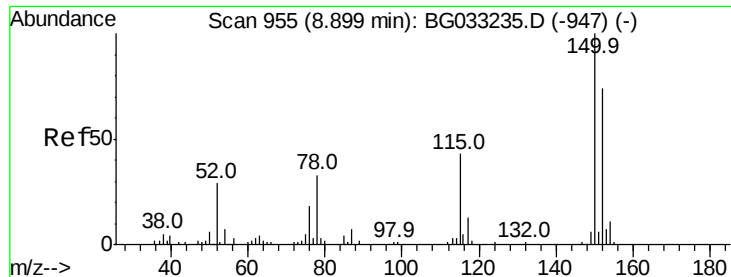
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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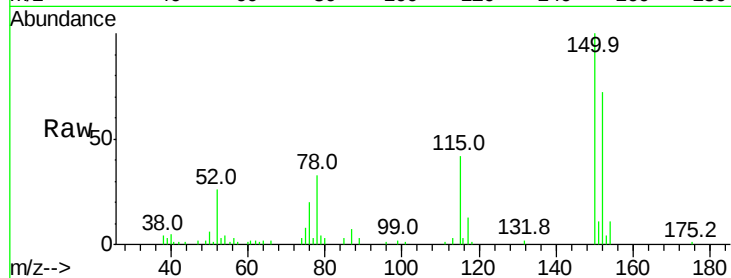


#1

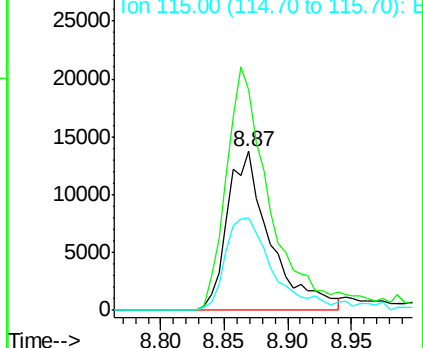
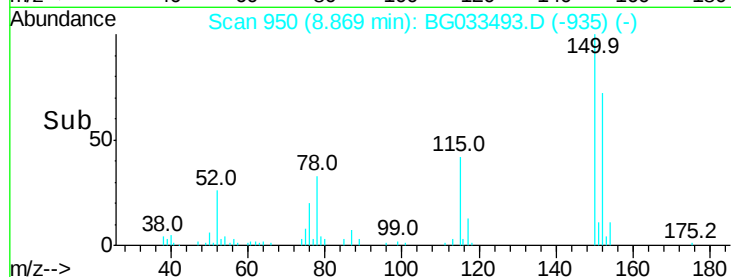
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033493.D
Acq: 2 Apr 2018 18:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32352
Ion Ratio Lower Upper
152 100
150 139.1 126.6 189.8
115 58.8 53.0 79.4



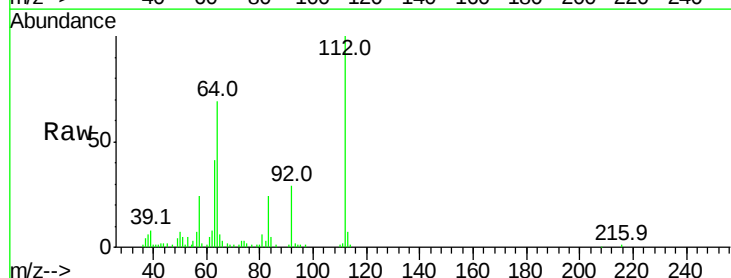
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



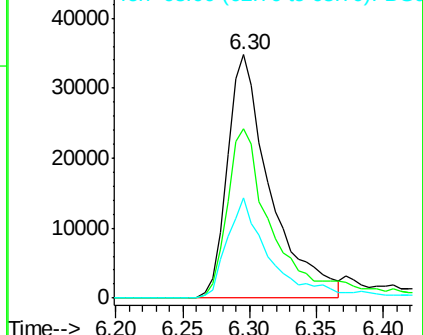
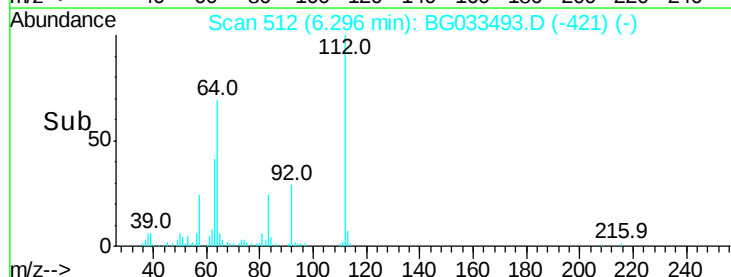
#5

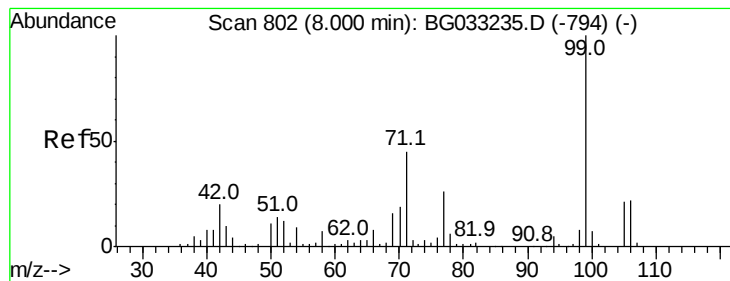
2-Fluorophenol
Concen: 45.216 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033493.D
Acq: 2 Apr 2018 18:46

Tgt Ion:112 Resp: 78012
Ion Ratio Lower Upper
112 100
64 69.4 56.3 84.5
63 41.3 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: 25.870 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033493.D

Acq: 2 Apr 2018 18:46

Instrument :

BNA_G

ClientSampleId :

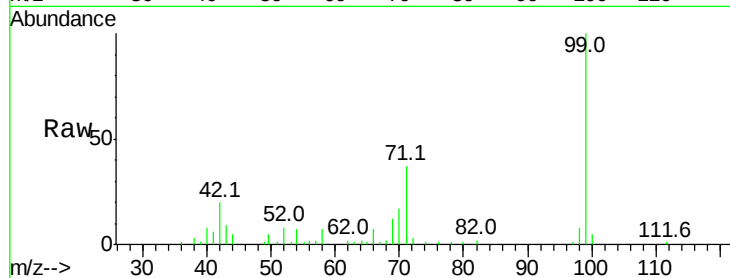
Tot Ion: 99 Resp: 76692

Ion Ratio Lower Upper

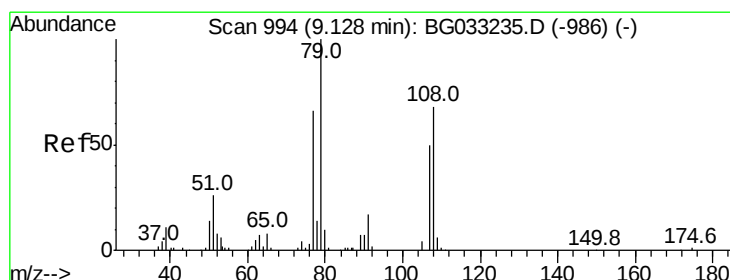
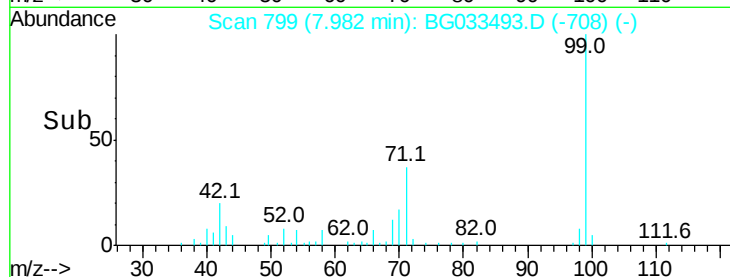
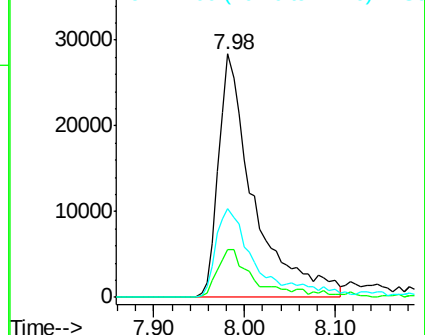
99 100

42 19.6 14.1 21.1

71 36.6 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: 2.130 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033493.D

Acq: 2 Apr 2018 18:46

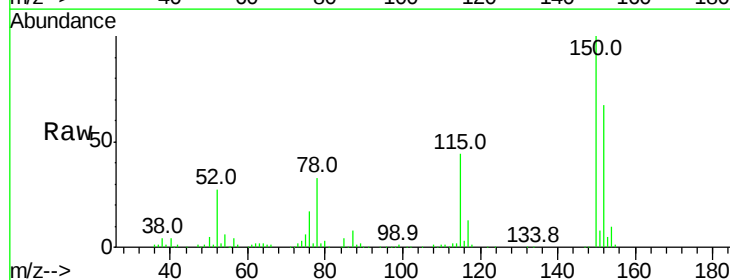
Tgt Ion: 79 Resp: 4972

Ion Ratio Lower Upper

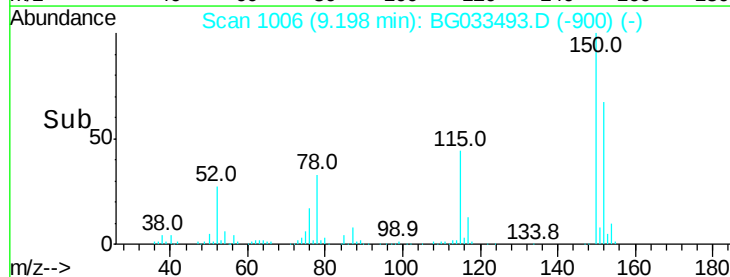
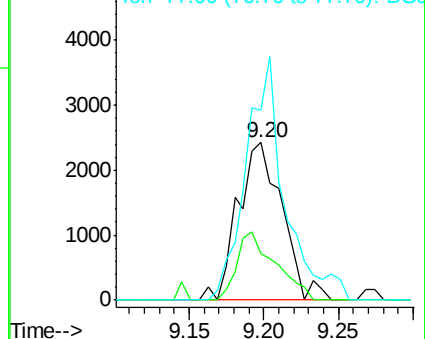
79 100

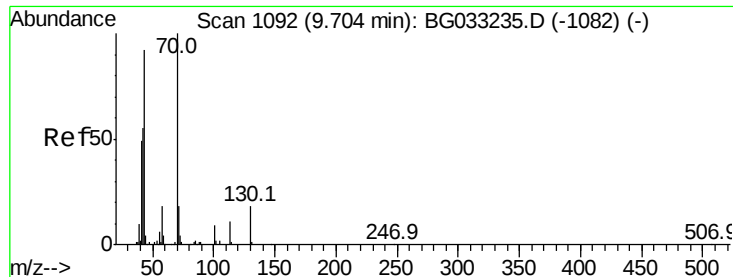
108 29.4 57.2 85.8#

77 120.7 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

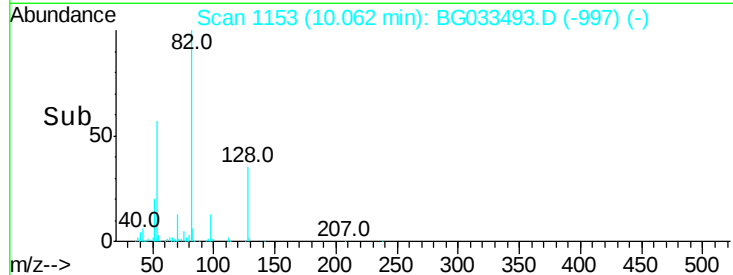
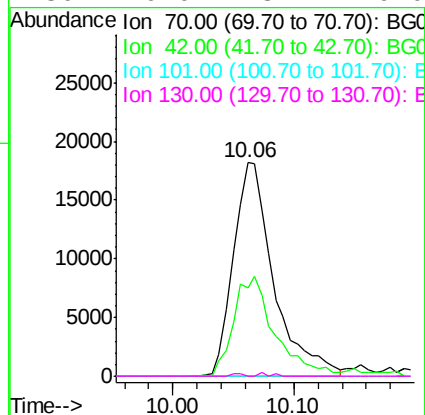
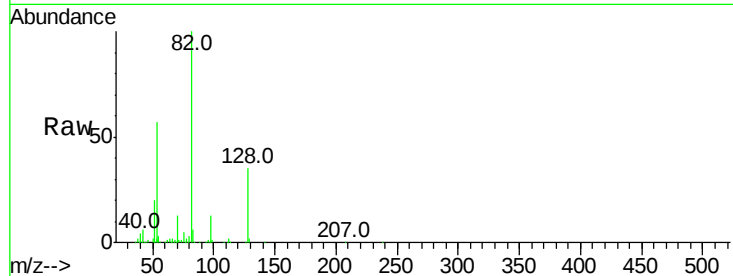




#19
n-Nitroso-di-n-propylamine
Concen: 19.459 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.38 min
Lab File: BG033493.D
Acq: 2 Apr 2018 18:46

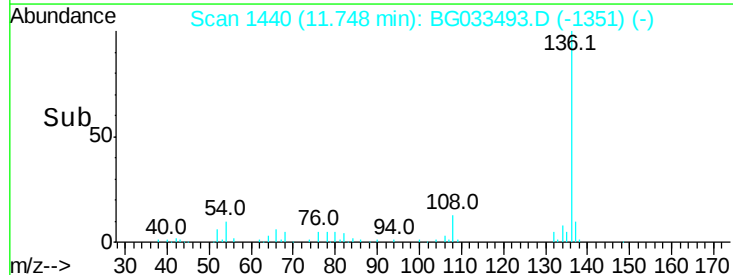
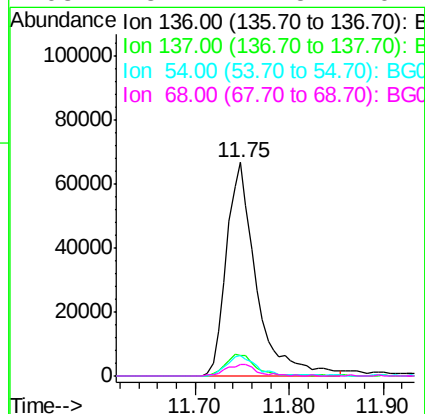
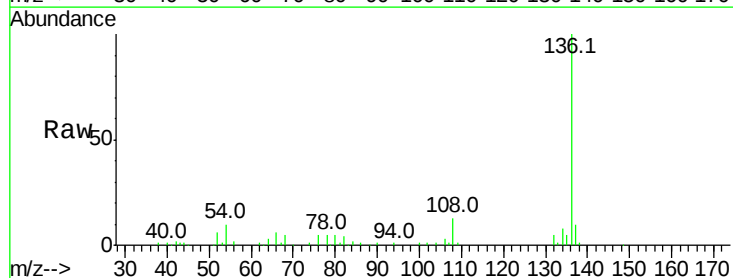
Instrument :
BNA_G
ClientSampleId :

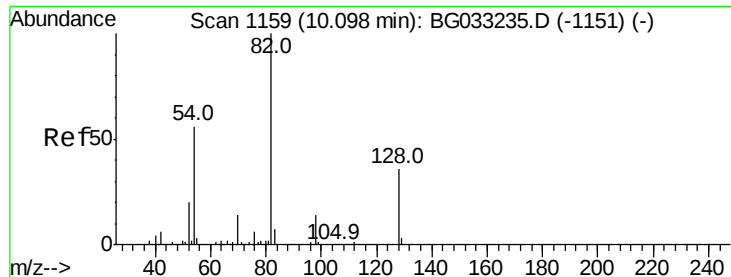
Tot Ion: 70 Resp: 42270
Ion Ratio Lower Upper
70 100
42 41.5 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033493.D
Acq: 2 Apr 2018 18:46

Tgt Ion: 136 Resp: 147570
Ion Ratio Lower Upper
136 100
137 9.8 9.2 13.8
54 9.6 10.3 15.5#
68 5.1 4.5 6.7



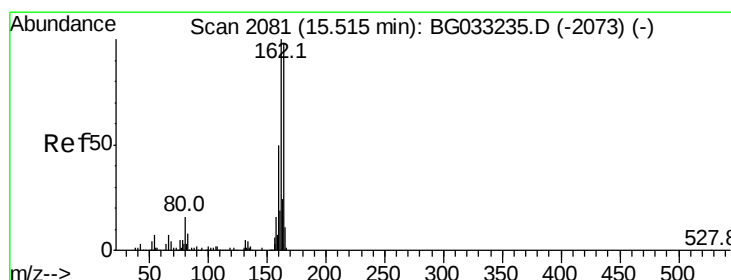
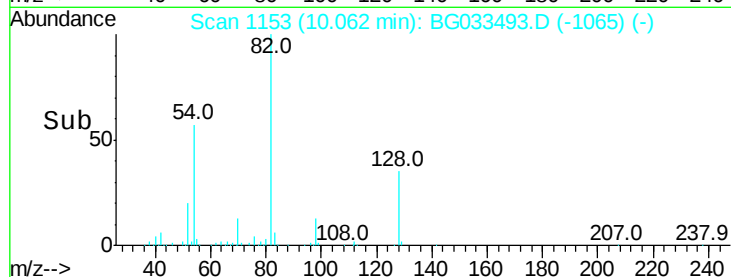
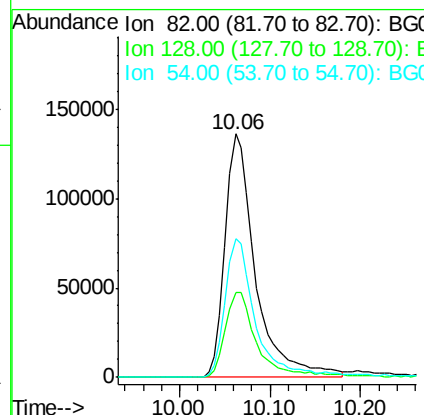
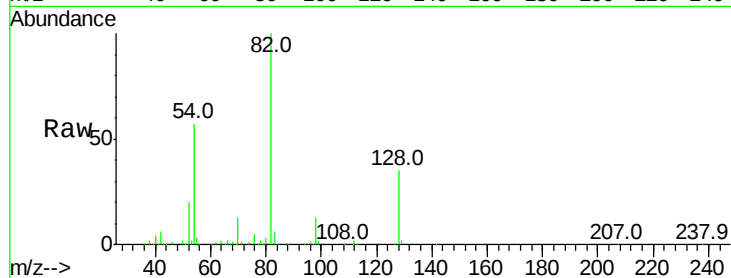


#23
 Nitrobenzene-d5
 Concen: 98.904 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BG033493.D
 Acq: 2 Apr 2018 18:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 317675

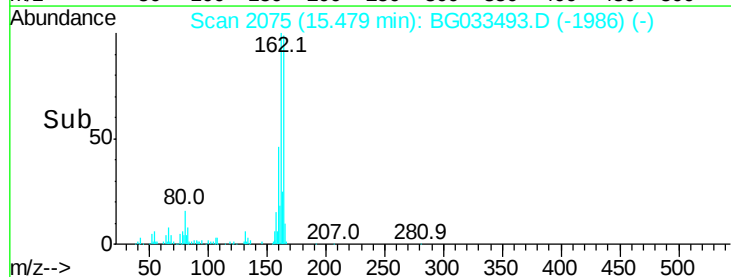
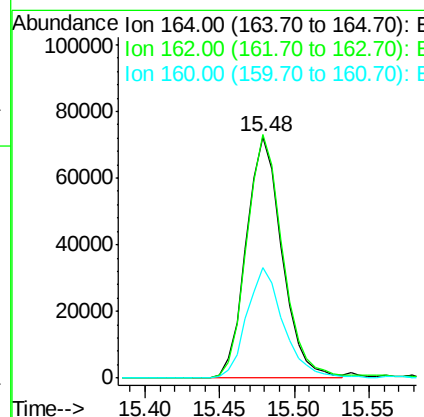
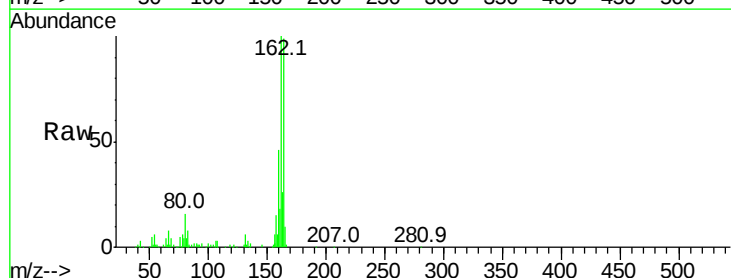
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	56.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033493.D
 Acq: 2 Apr 2018 18:46

Tgt Ion: 164 Resp: 119945

Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	46.0	35.4	53.0

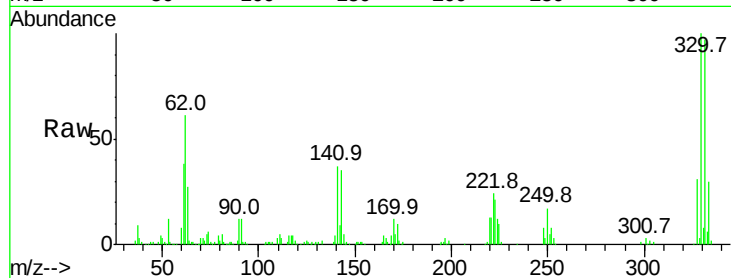




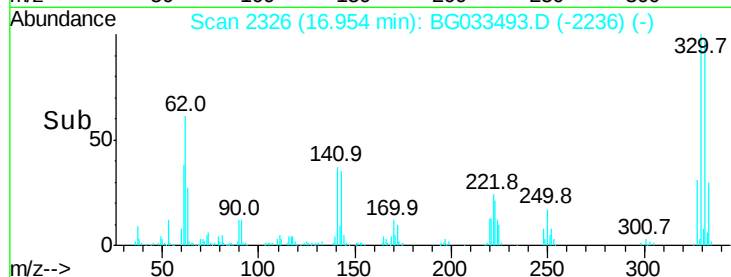
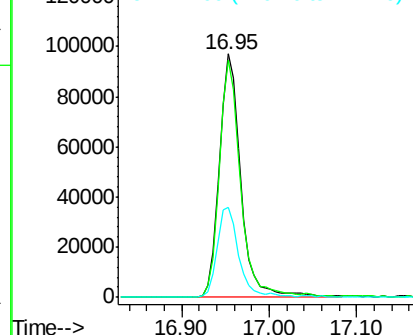
#41
 2,4,6-Tribromophenol
 Concen: 92.994 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033493.D
 Acq: 2 Apr 2018 18:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 166824
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 37.6 25.2 37.8

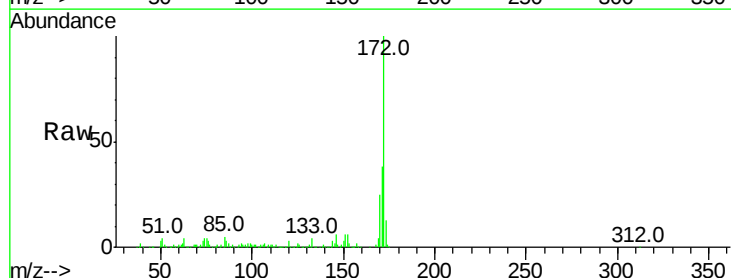


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

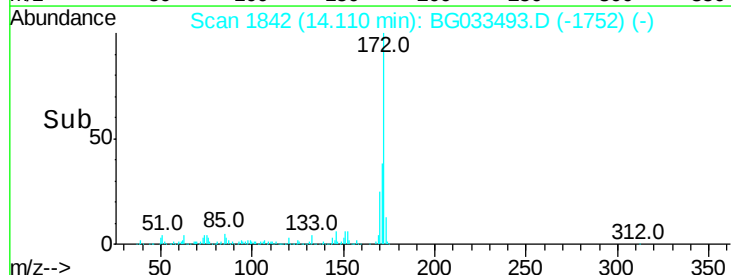
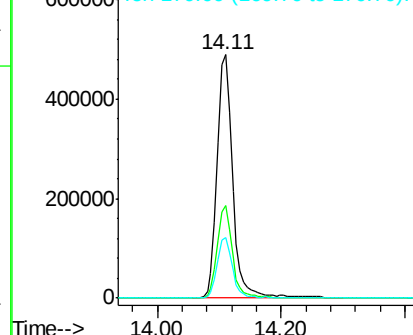


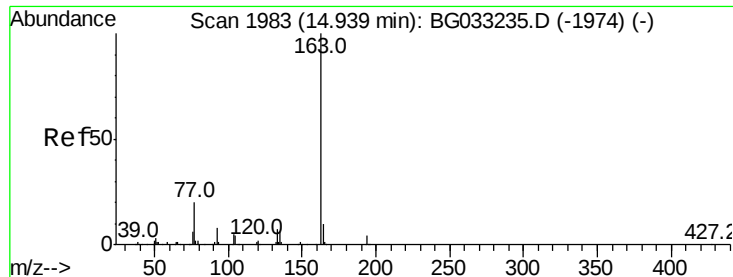
#44
 2-Fluorobiphenyl
 Concen: 102.764 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033493.D
 Acq: 2 Apr 2018 18:46

Tgt Ion:172 Resp: 853820
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.0 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





#49

Dimethylphthalate

Concen: 2.440 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG033493.D

Acq: 2 Apr 2018 18:46

Instrument :

BNA_G

ClientSampleId :

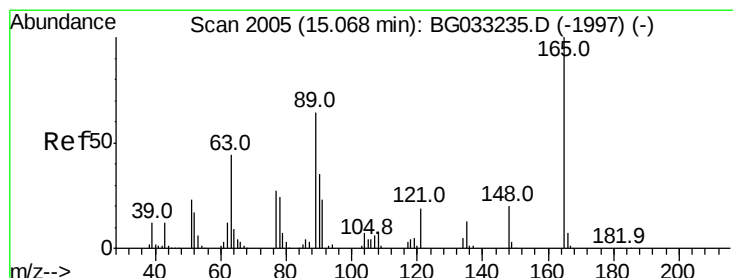
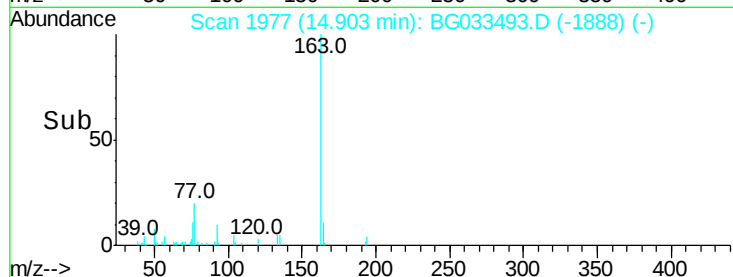
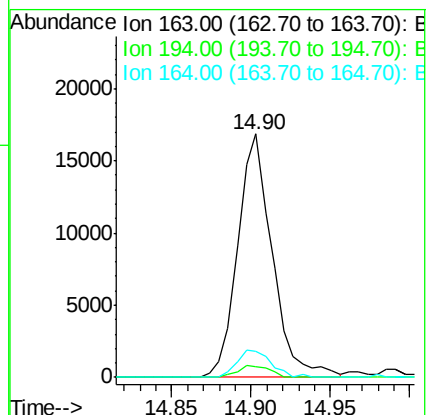
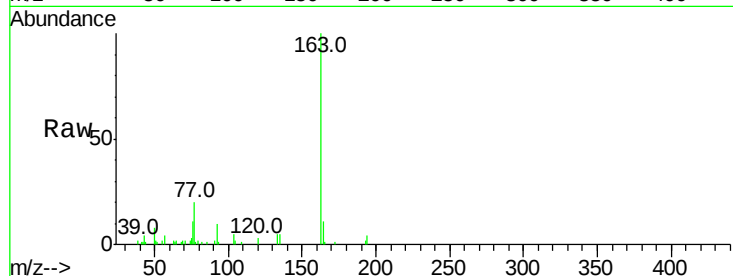
Tot Ion:163 Resp: 25467

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 10.6 8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 7.174 ng

RT: 15.48 min Scan# 2076

Delta R.T. 0.44 min

Lab File: BG033493.D

Acq: 2 Apr 2018 18:46

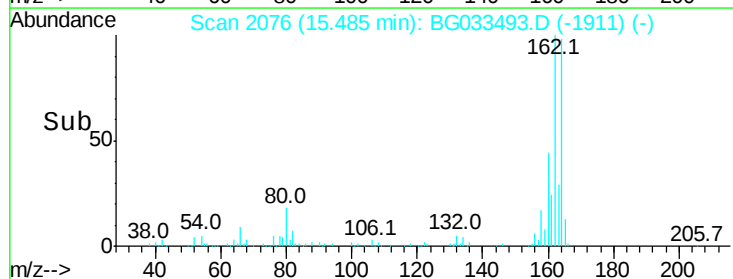
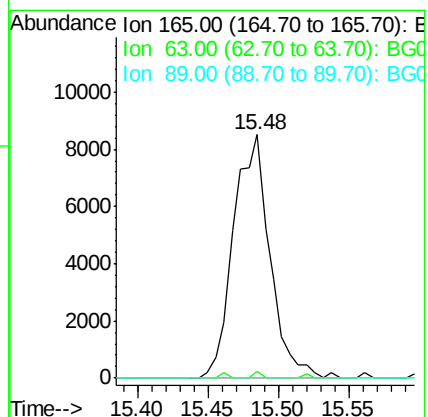
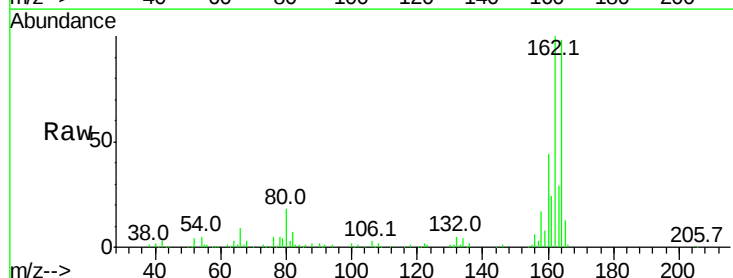
Tgt Ion:165 Resp: 15313

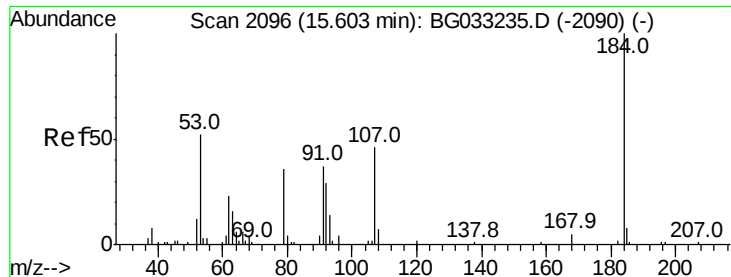
Ion Ratio Lower Upper

165 100

63 2.8 52.7 79.1#

89 0.0 49.2 73.8#

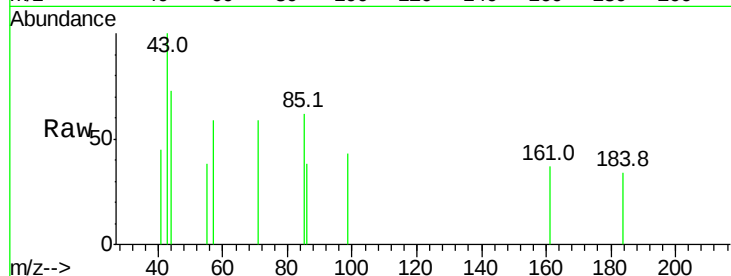




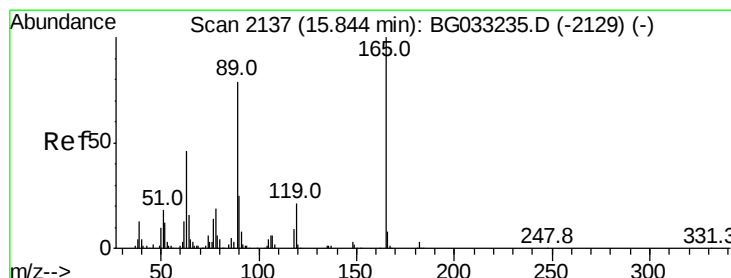
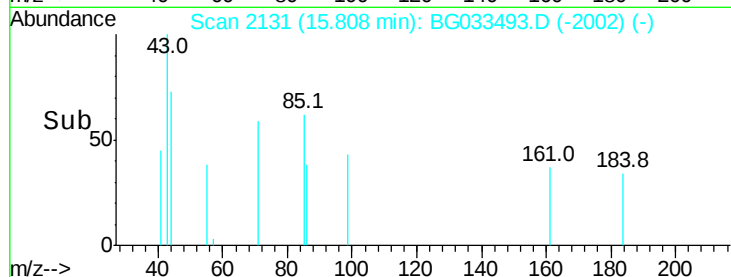
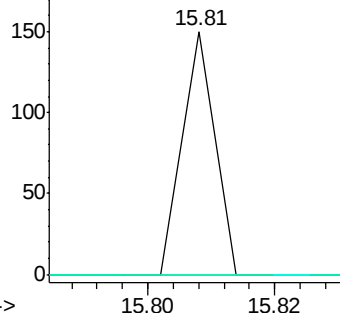
#53
 2,4-Dinitrophenol
 Concen: 7.686 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. 0.23 min
 Lab File: BG033493.D
 Acq: 2 Apr 2018 18:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 53
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

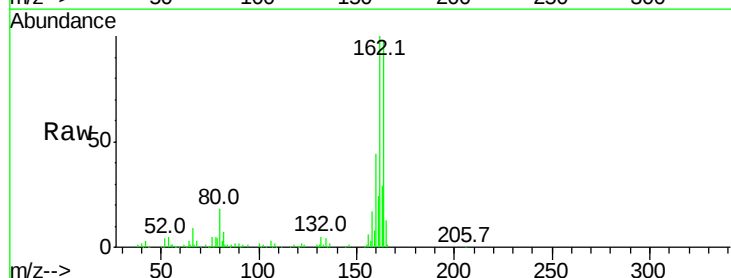


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

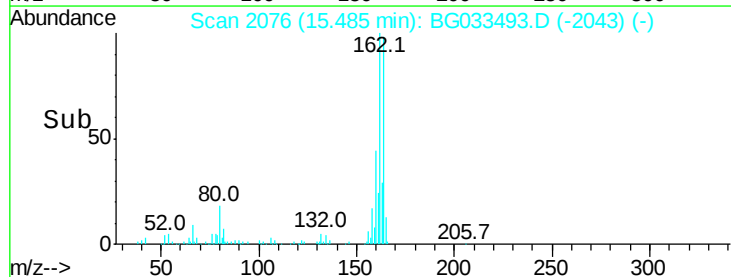
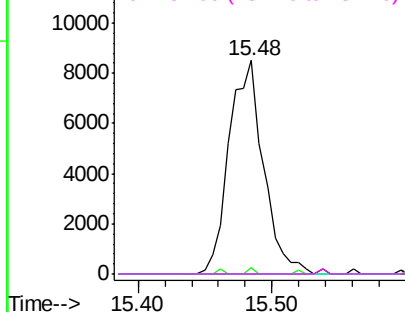


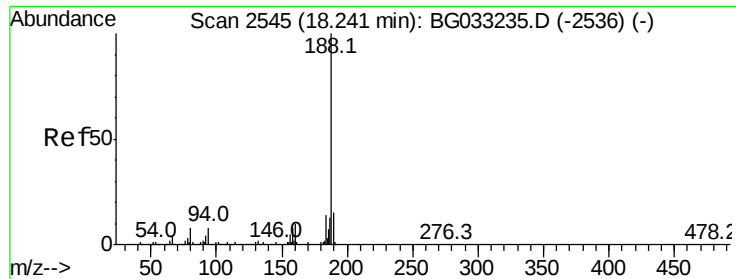
#56
 2,4-Dinitrotoluene
 Concen: 4.872 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. -0.34 min
 Lab File: BG033493.D
 Acq: 2 Apr 2018 18:46

Tgt Ion:165 Resp: 15312
 Ion Ratio Lower Upper
 165 100
 63 2.8 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



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
 Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033493.D

Acq: 2 Apr 2018 18:46

Instrument :

BNA_G

ClientSampleId :

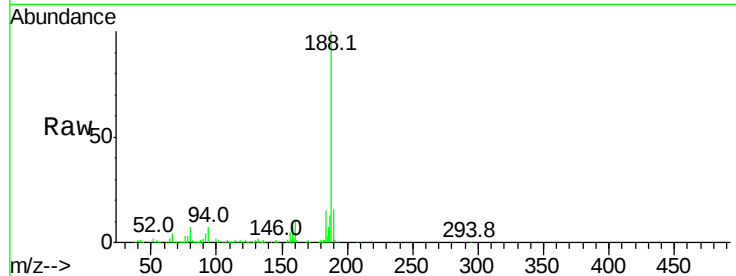
Tot Ion:188 Resp: 326221

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

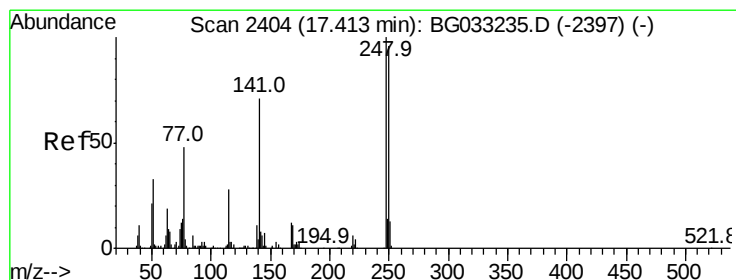
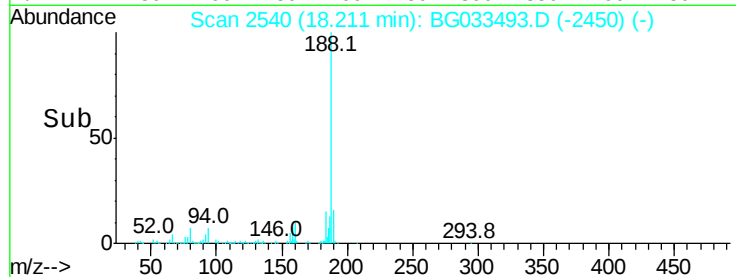
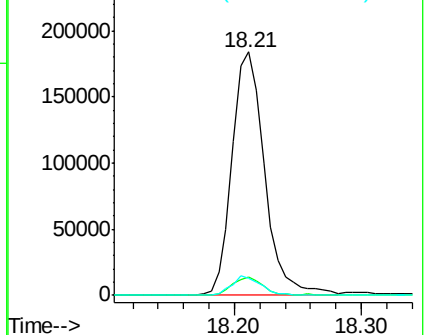
80 7.0 7.7 11.5#



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: 3.310 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.43 min

Lab File: BG033493.D

Acq: 2 Apr 2018 18:46

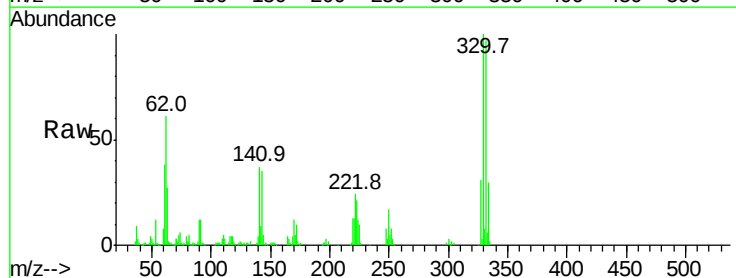
Tgt Ion:248 Resp: 12682

Ion Ratio Lower Upper

248 100

250 199.7 77.1 115.7#

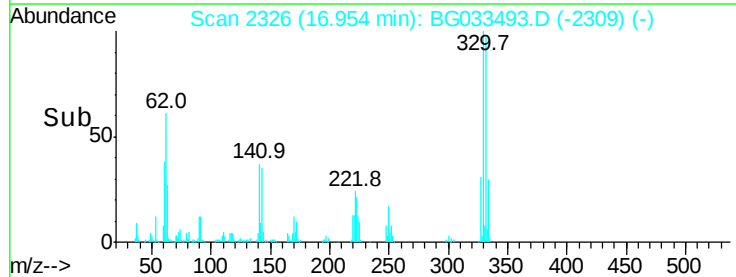
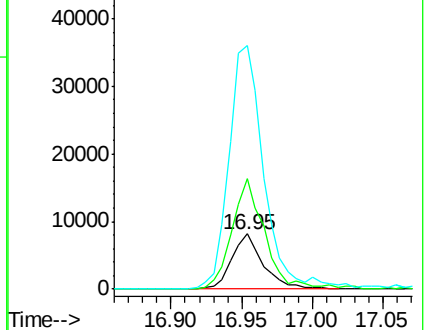
141 440.0 50.8 76.2#

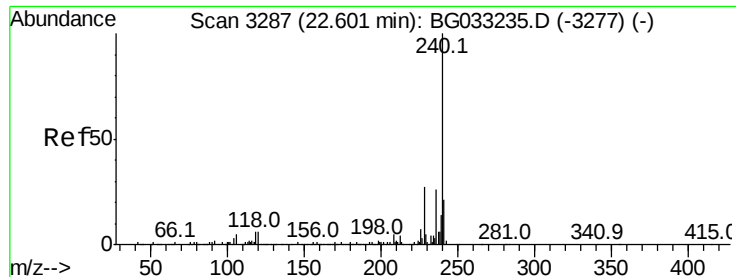


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033493.D

Acq: 2 Apr 2018 18:46

Instrument :

BNA_G

ClientSampleId :

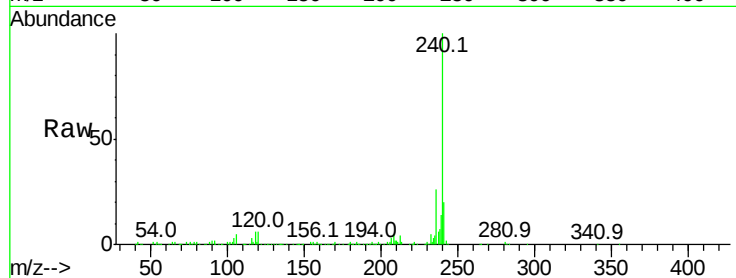
Tot Ion:240 Resp: 334641

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

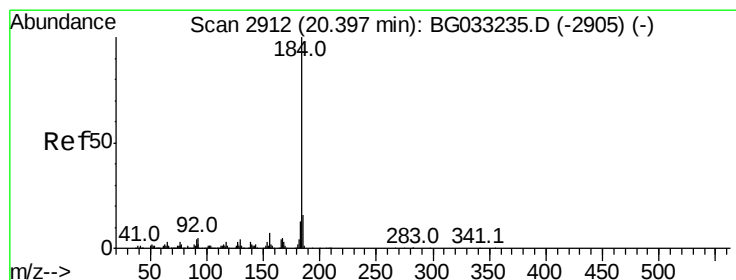
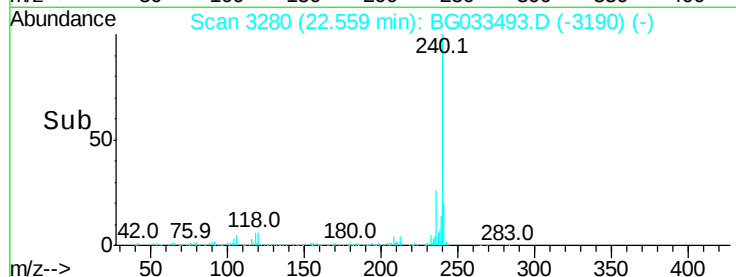
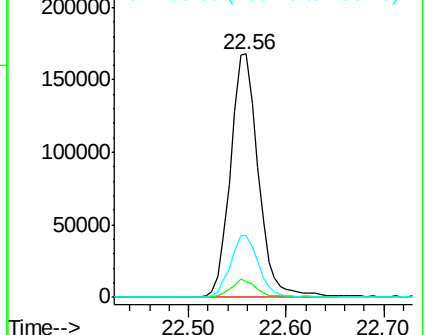
236 25.5 20.9 31.3



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: 2.717 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033493.D

Acq: 2 Apr 2018 18:46

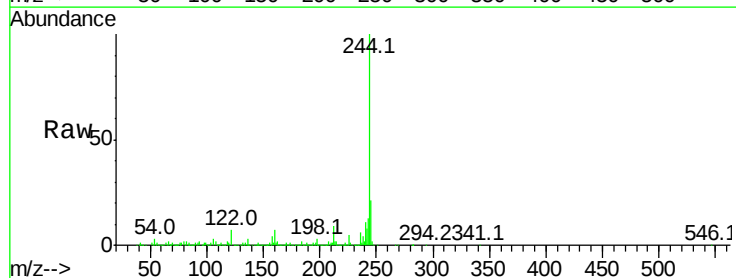
Tgt Ion:184 Resp: 24657

Ion Ratio Lower Upper

184 100

185 18.5 11.1 16.7#

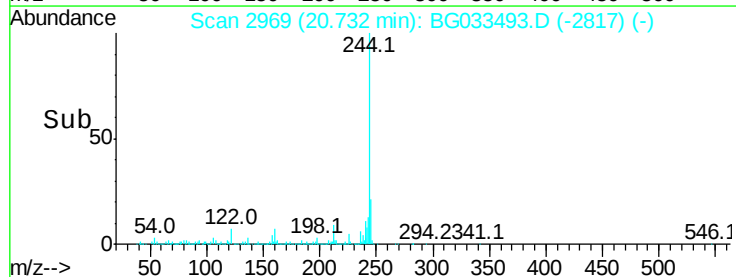
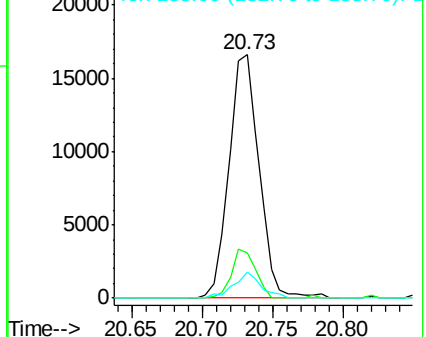
183 10.5 10.6 16.0#

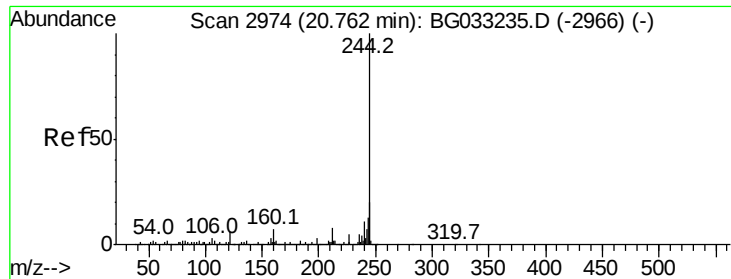


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

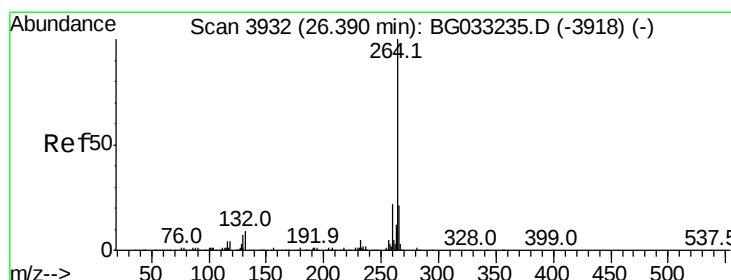
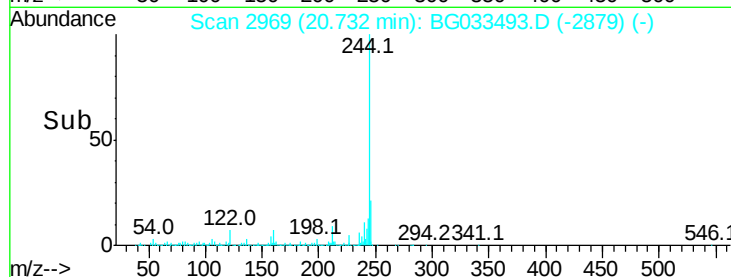
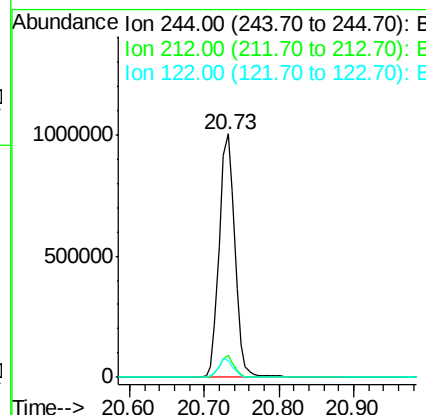
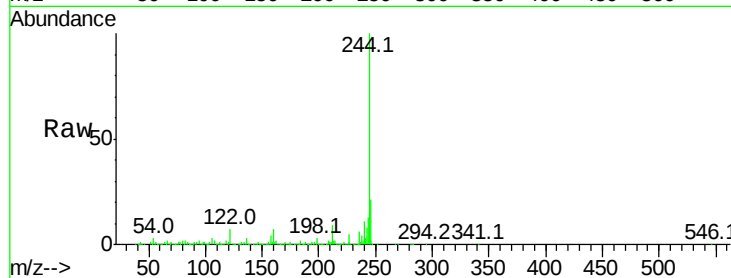




#78
 Terphenyl-d14
 Concen: 93.133 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG033493.D
 Acq: 2 Apr 2018 18:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1457305
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 7.1 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. -0.01 min
 Lab File: BG033493.D
 Acq: 2 Apr 2018 18:46

Tgt Ion:264 Resp: 354258
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.4 26.0
 265 21.0 17.7 26.5

