

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033506.D
 Acq On : 3 Apr 2018 2:54
 Operator : SJ/JU
 Sample : J2114-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 04:05:42 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

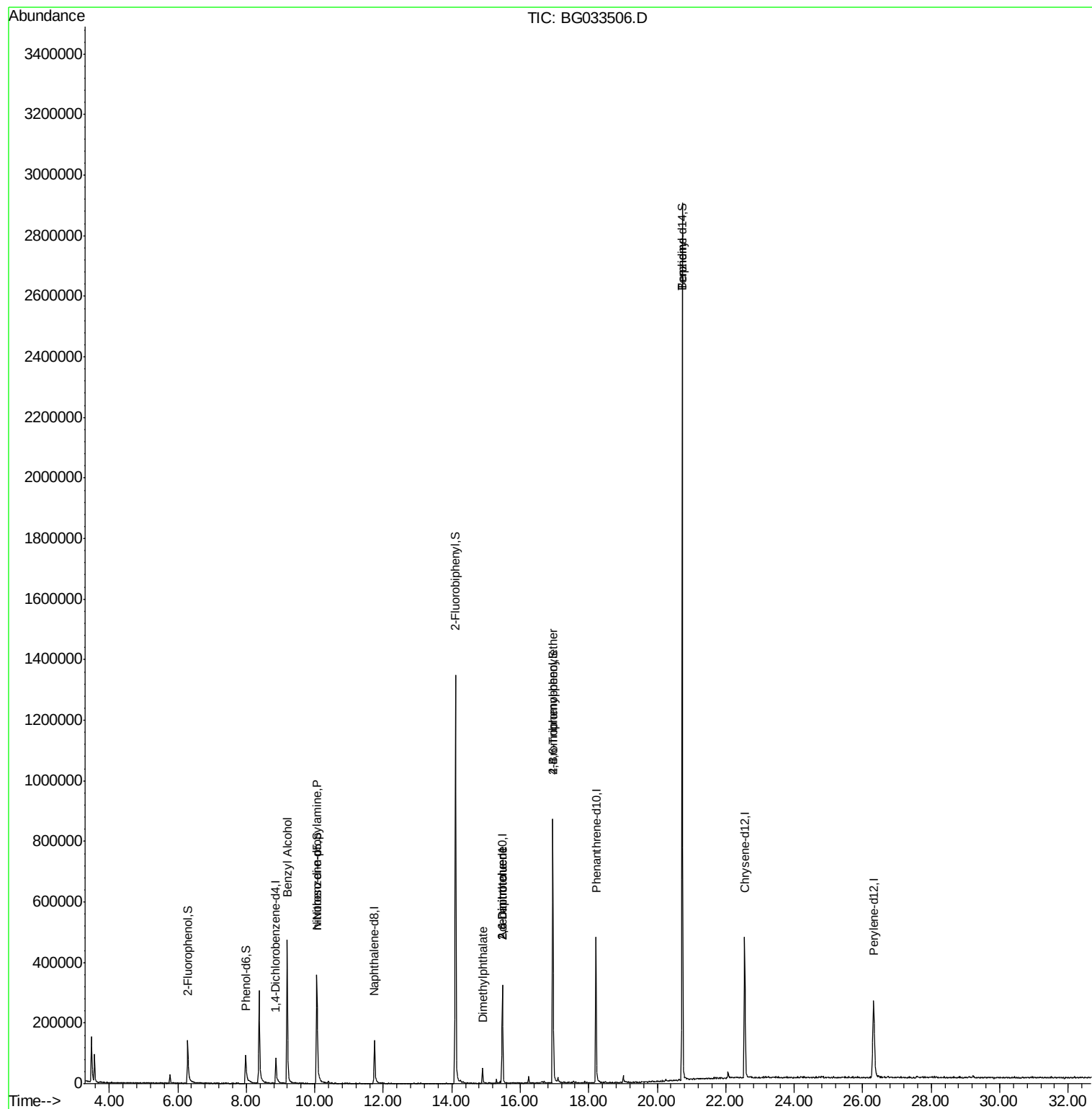
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32763	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	144058	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	119988	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	338599	20.00	ng	0.00
75) Chrysene-d12	22.55	240	346051	20.00	ng	0.00
86) Perylene-d12	26.31	264	364839	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	83337	47.70	ng	0.00
7) Phenol-d6	7.98	99	77577	25.84	ng	0.00
23) Nitrobenzene-d5	10.06	82	293678	93.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	175084	97.56	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	784634	94.40	ng	0.00
78) Terphenyl-d14	20.73	244	1430129	88.38	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5418	2.292	ng	# 59
19) n-Nitroso-di-n-propylamine	10.06	70	39832	18.107	ng	# 78
49) Dimethylphthalate	14.90	163	37338	3.576	ng	# 96
50) 2,6-Dinitrotoluene	15.48	165	16099	7.540	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	16099	5.121	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	12722	3.199	ng	# 1
76) Benizidine	20.73	184	25118	2.677	ng	# 93

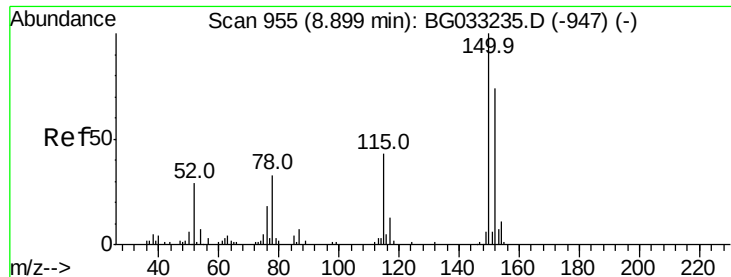
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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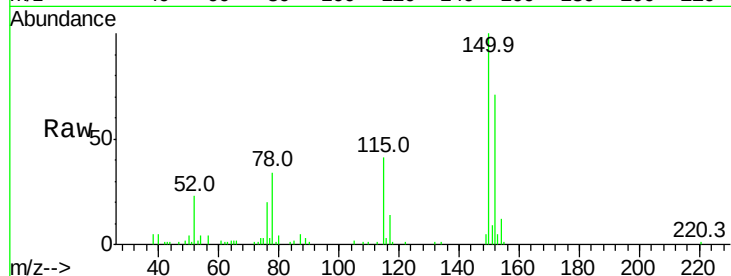


#1

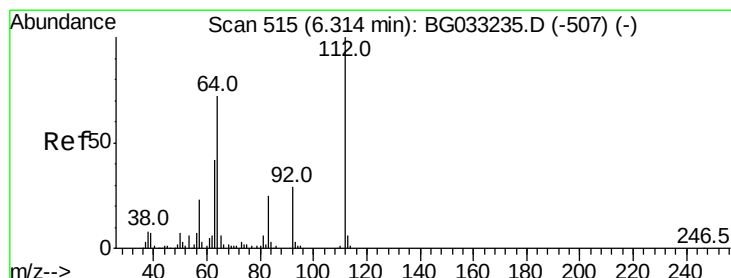
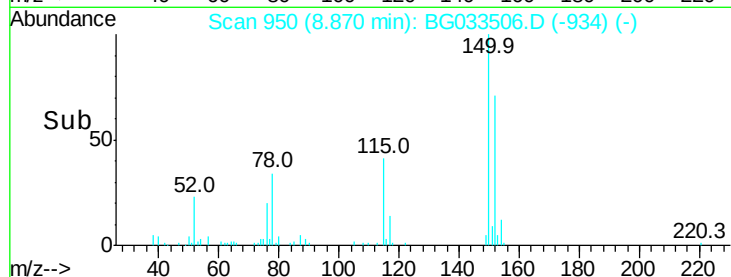
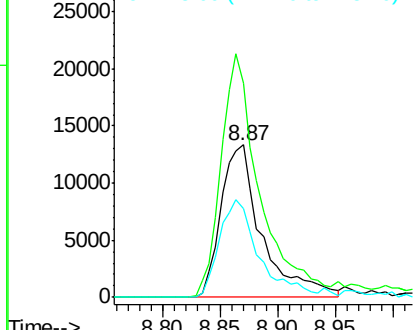
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033506.D
Acq: 3 Apr 2018 2:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32763
Ion Ratio Lower Upper
152 100
150 141.1 126.6 189.8
115 58.4 53.0 79.4



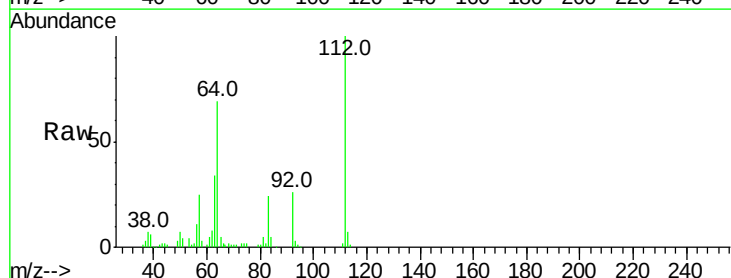
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



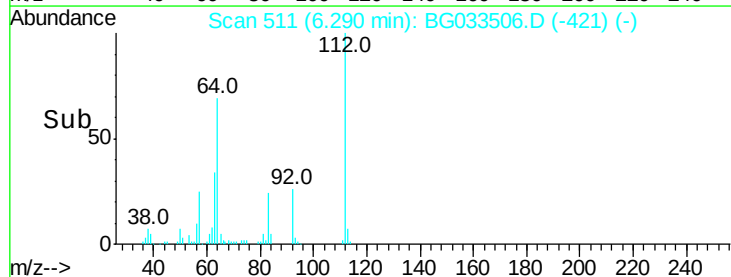
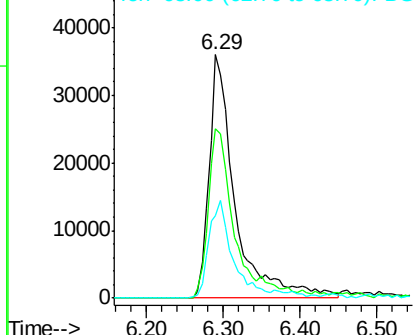
#5

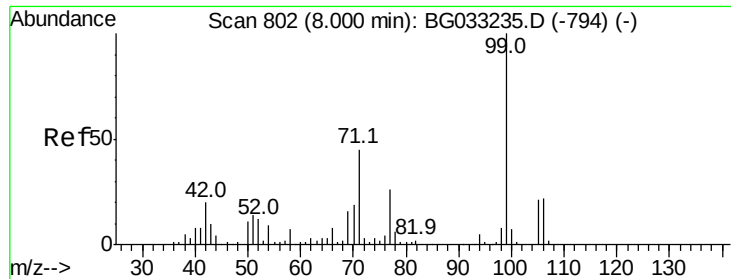
2-Fluorophenol
Concen: 47.696 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033506.D
Acq: 3 Apr 2018 2:54

Tgt Ion:112 Resp: 83337
Ion Ratio Lower Upper
112 100
64 69.4 56.3 84.5
63 33.6 30.1 45.1



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





#7

Phenol-d6

Concen: 25.841 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033506.D

Acq: 3 Apr 2018 2:54

Instrument :

BNA_G

ClientSampleId :

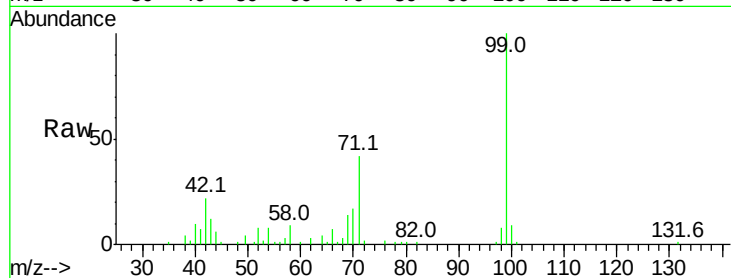
Tot Ion: 99 Resp: 77577

Ion Ratio Lower Upper

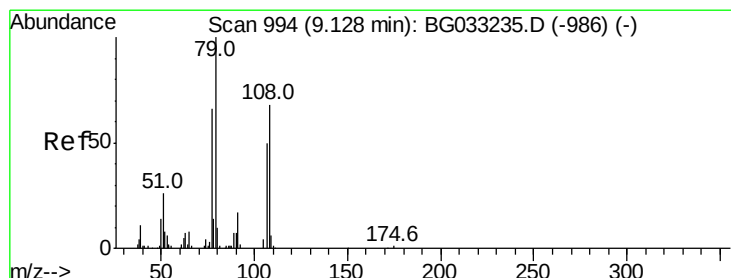
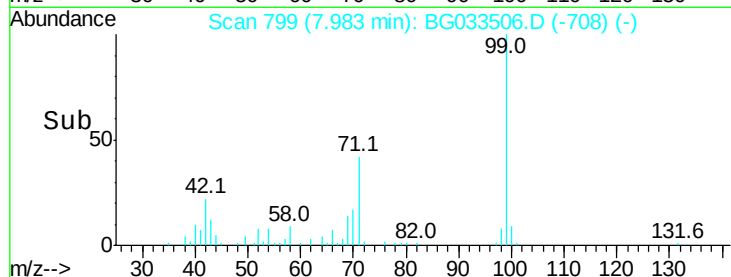
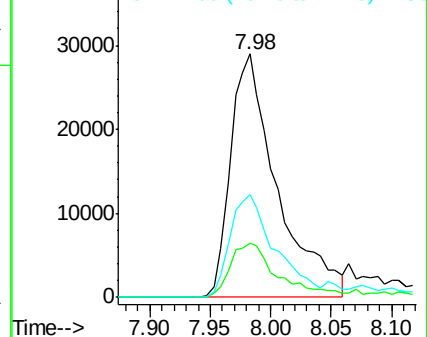
99 100

42 22.0 14.1 21.1#

71 42.1 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: 2.292 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.08 min

Lab File: BG033506.D

Acq: 3 Apr 2018 2:54

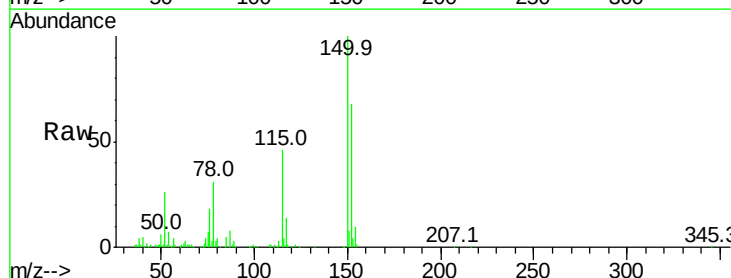
Tgt Ion: 79 Resp: 5418

Ion Ratio Lower Upper

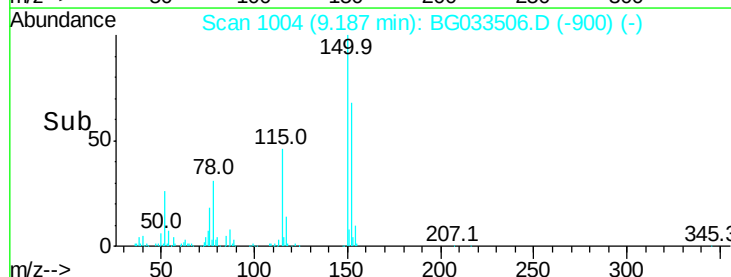
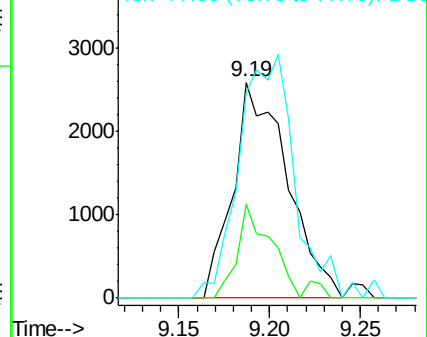
79 100

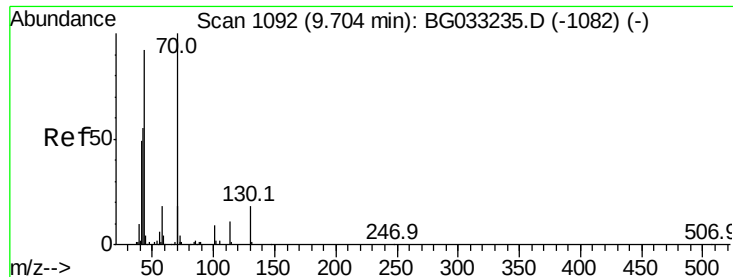
108 43.6 57.2 85.8#

77 95.3 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

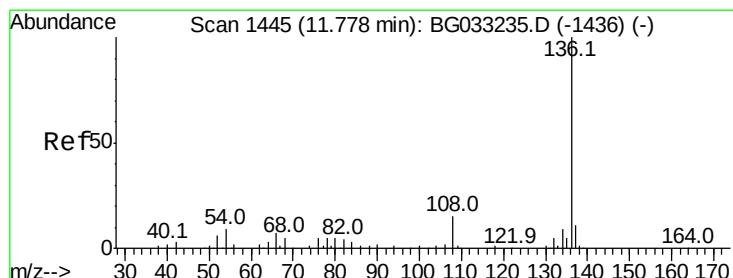
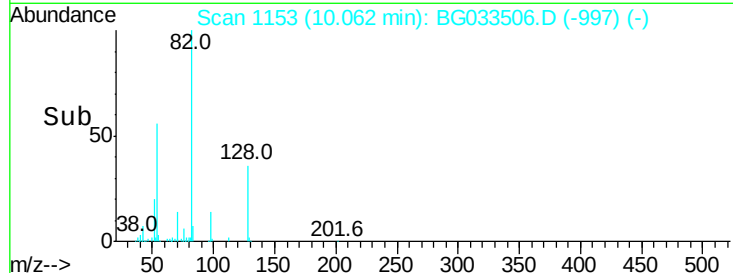
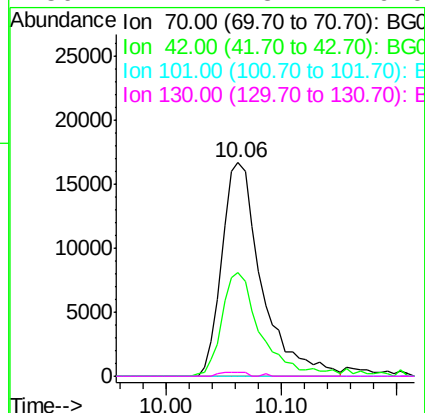
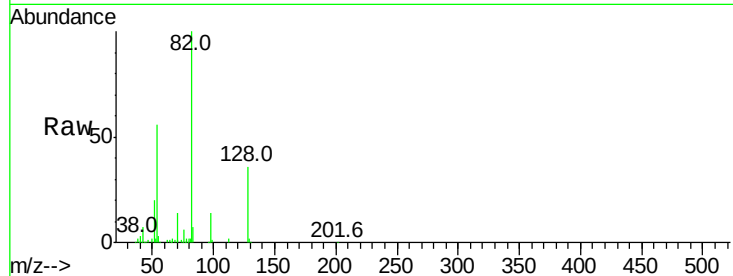




#19
n-Nitroso-di-n-propylamine
Concen: 18.107 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033506.D
Acq: 3 Apr 2018 2:54

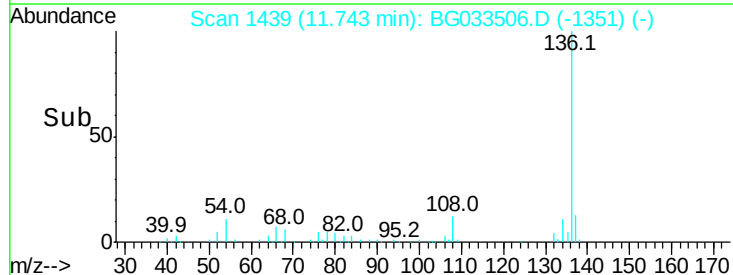
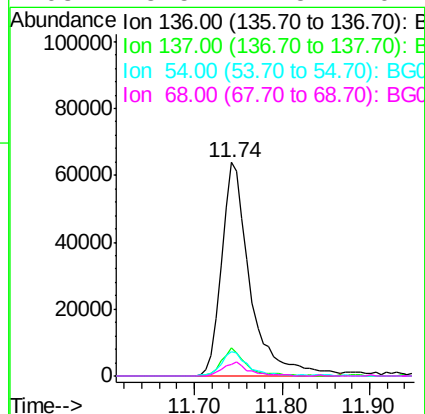
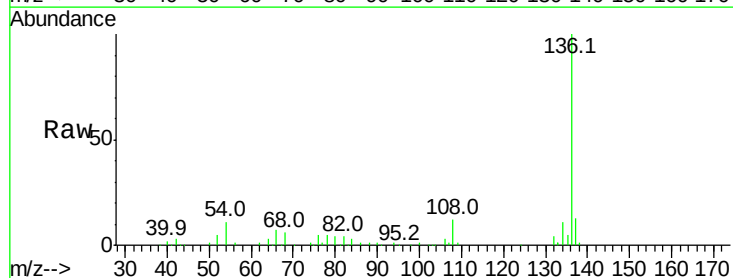
Instrument :
BNA_G
ClientSampleId :

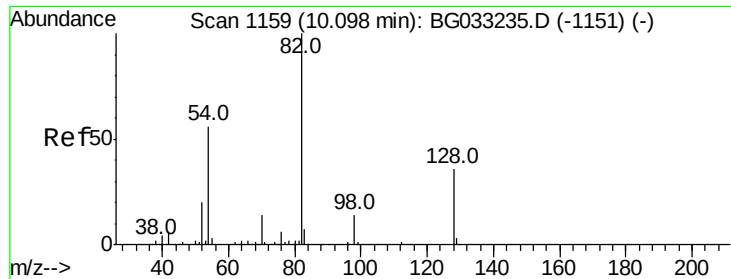
Tot Ion: 70 Resp: 39832
Ion Ratio Lower Upper
70 100
42 48.4 49.1 73.7#
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033506.D
Acq: 3 Apr 2018 2:54

Tgt Ion: 136 Resp: 144058
Ion Ratio Lower Upper
136 100
137 12.9 9.2 13.8
54 11.4 10.3 15.5
68 5.5 4.5 6.7

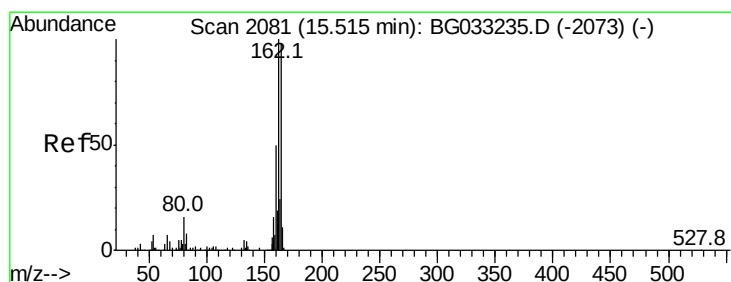
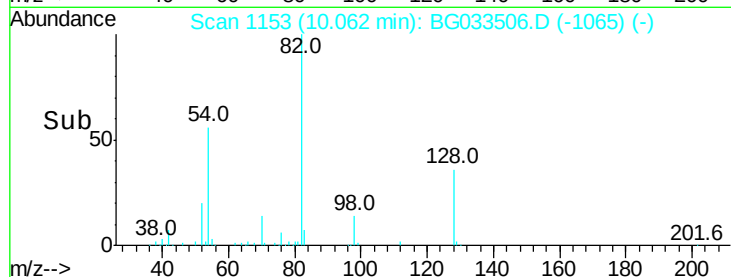
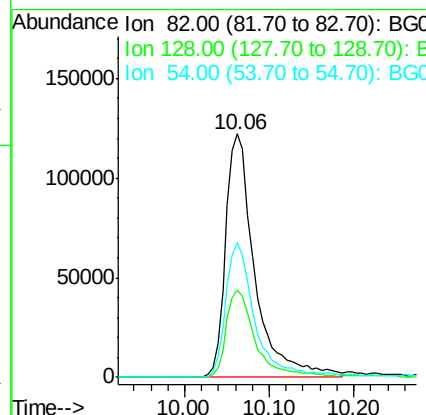
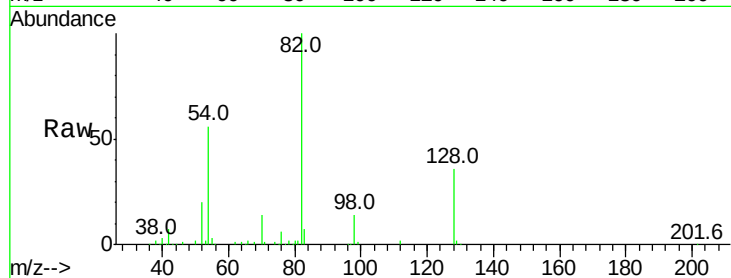




#23
 Nitrobenzene-d5
 Concen: 93.662 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033506.D
 Acq: 3 Apr 2018 2:54

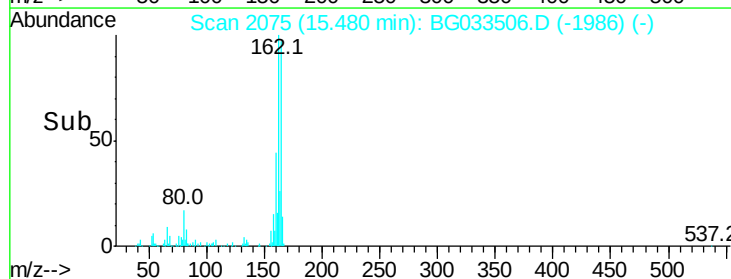
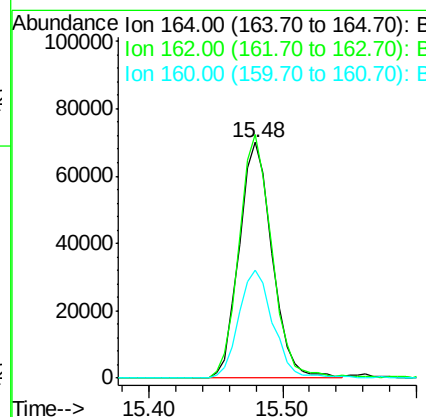
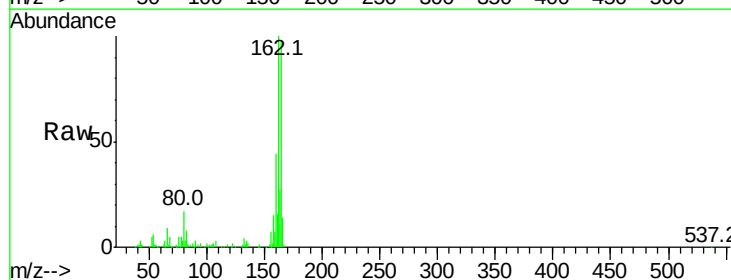
Instrument :
 BNA_G
 ClientSampleId :

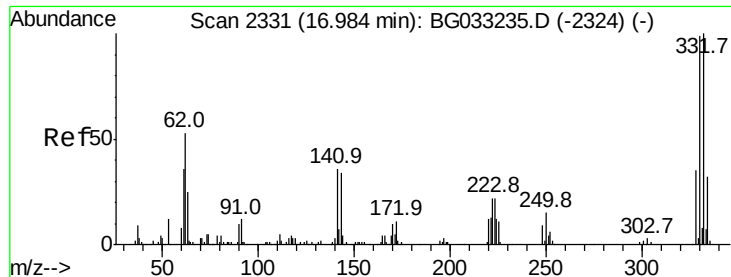
Tot Ion	82	Resp	293678
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	55.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033506.D
 Acq: 3 Apr 2018 2:54

Tgt Ion	164	Resp	119988
Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	45.7	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 97.564 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033506.D

Acq: 3 Apr 2018 2:54

Instrument :

BNA_G

ClientSampled :

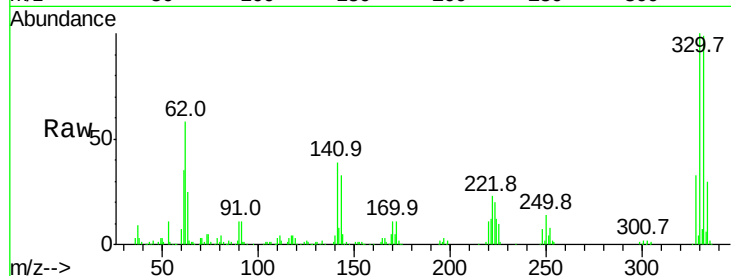
Tot Ion:330 Resp: 175084

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

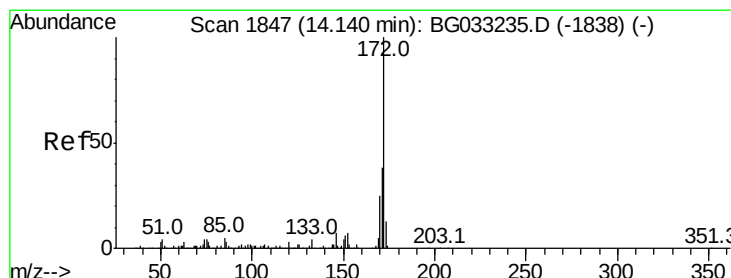
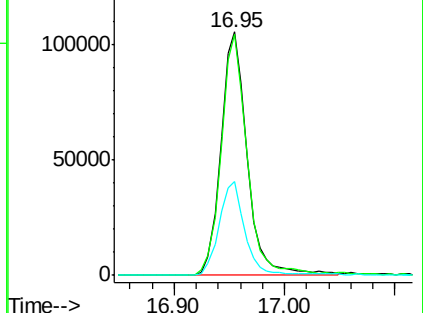
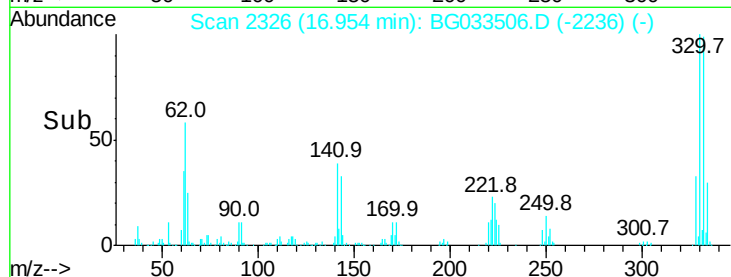
141 38.0 25.2 37.8#



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: 94.403 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG033506.D

Acq: 3 Apr 2018 2:54

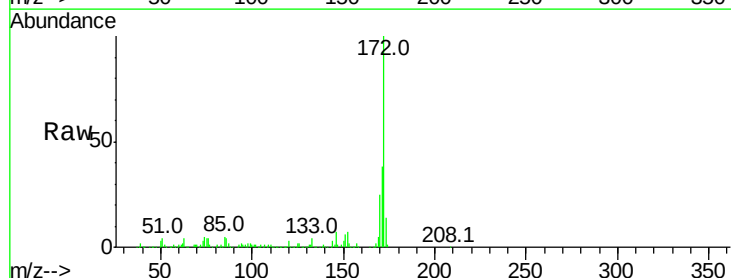
Tgt Ion:172 Resp: 784634

Ion Ratio Lower Upper

172 100

171 37.8 30.0 45.0

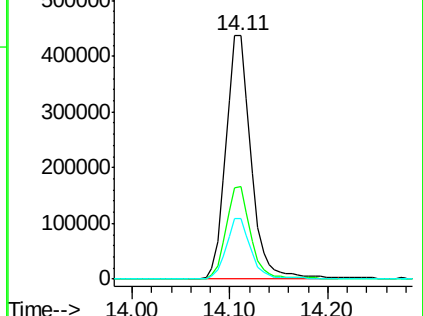
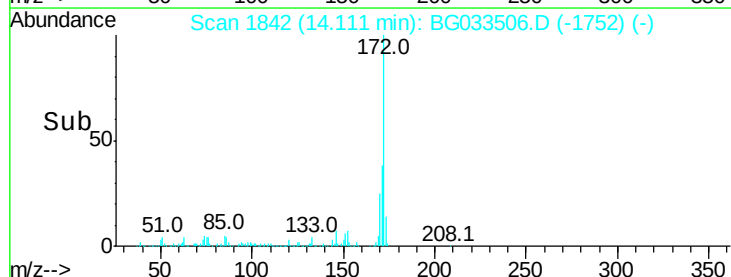
170 24.7 19.5 29.3

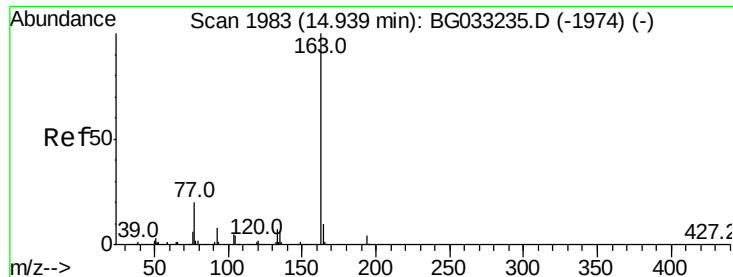


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

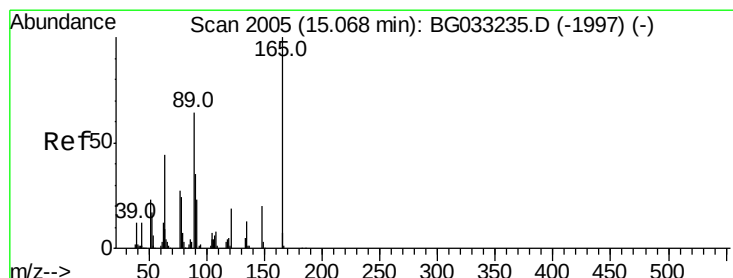
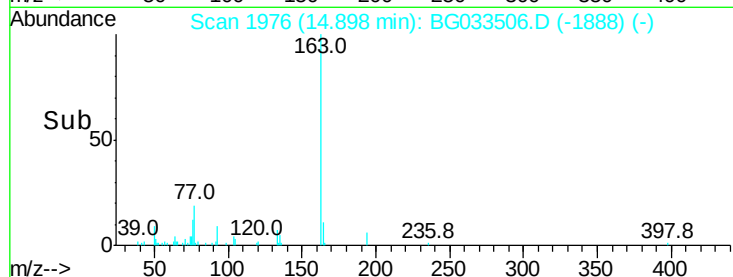
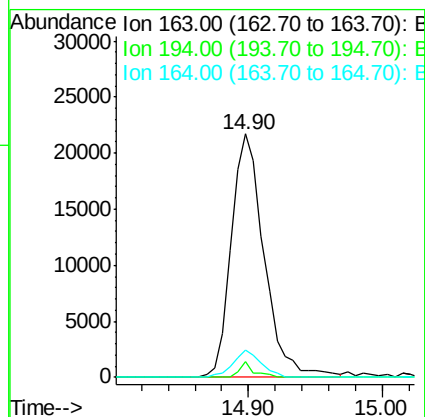
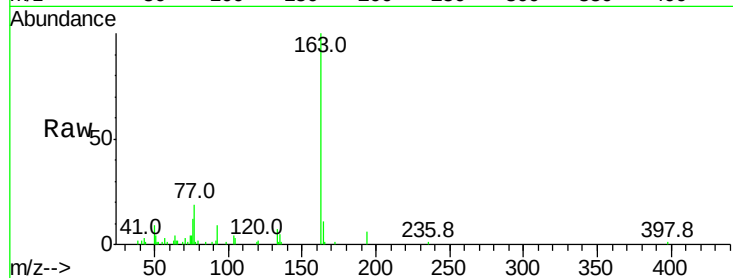




#49
Dimethylphthalate
Concen: 3.576 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033506.D
Acq: 3 Apr 2018 2:54

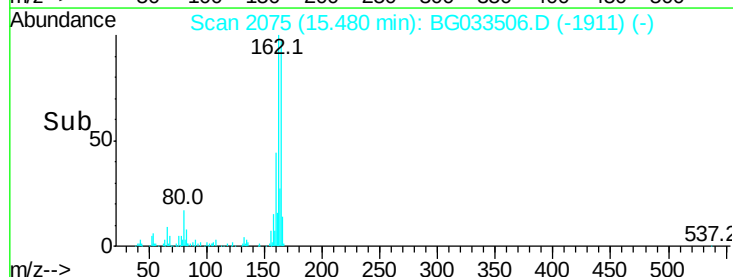
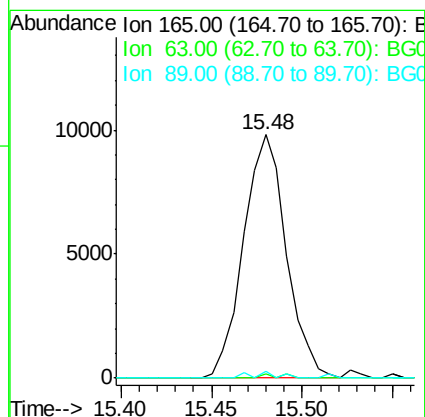
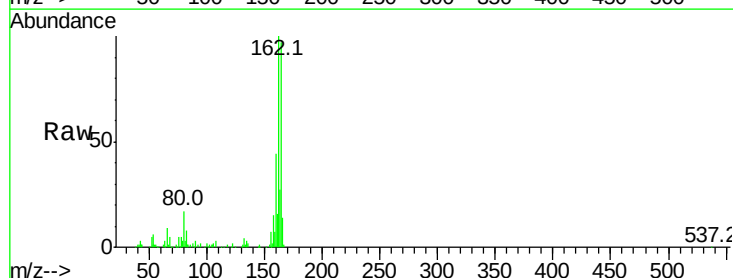
Instrument :
BNA_G
ClientSampleId :

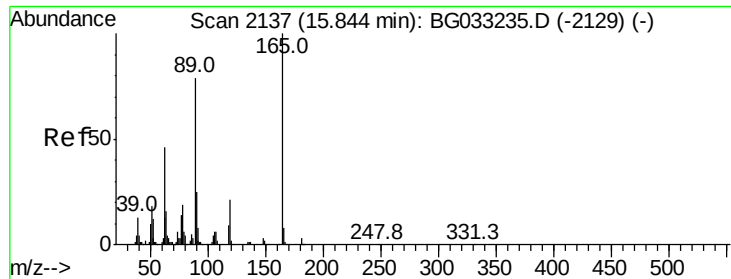
Tot Ion	Ratio	Lower	Upper
163	100		
194	6.4	3.4	5.2#
164	11.4	8.2	12.4



#50
2,6-Dinitrotoluene
Concen: 7.540 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.43 min
Lab File: BG033506.D
Acq: 3 Apr 2018 2:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.7	79.1#
89	2.9	49.2	73.8#

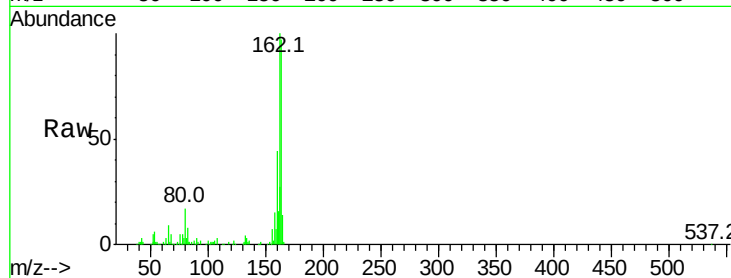




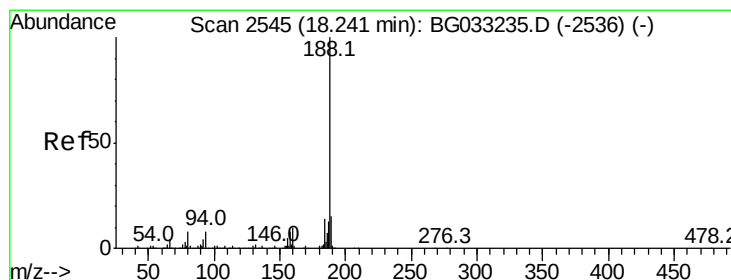
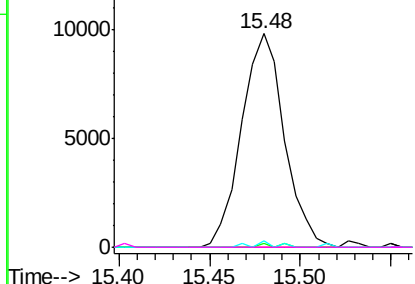
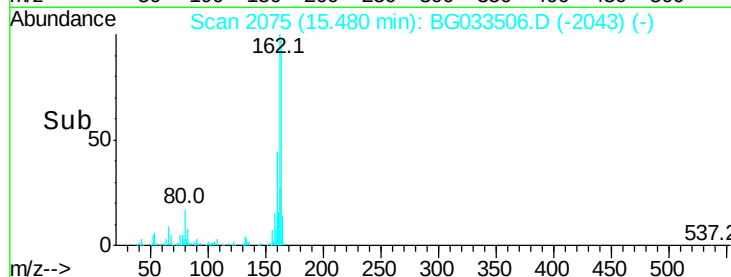
#56
 2,4-Dinitrotoluene
 Concen: 5.121 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033506.D
 Acq: 3 Apr 2018 2:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 16099
 Ion Ratio Lower Upper
 165 100
 63 1.9 42.0 63.0#
 89 2.9 66.9 100.3#
 182 0.0 2.6 3.8#

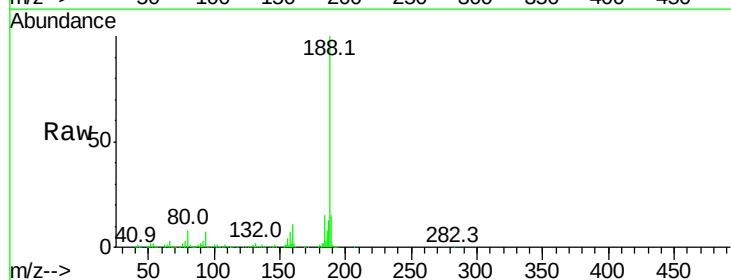


Abundance Ion 165.00 (164.70 to 165.70): E
 15000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

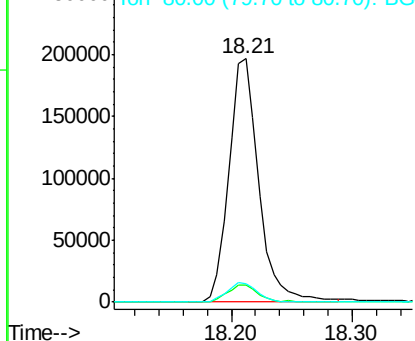
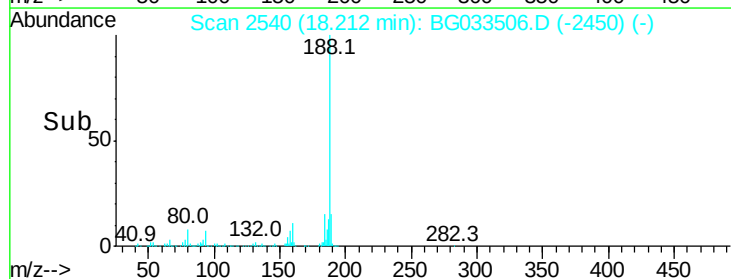


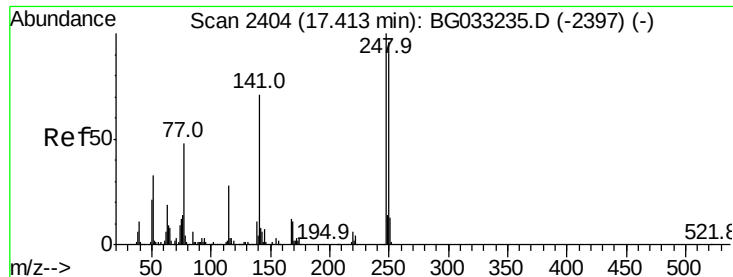
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033506.D
 Acq: 3 Apr 2018 2:54

Tgt Ion:188 Resp: 338599
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.9 10.3
 80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
 250000
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

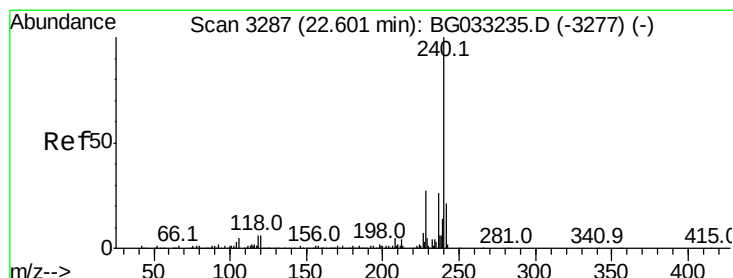
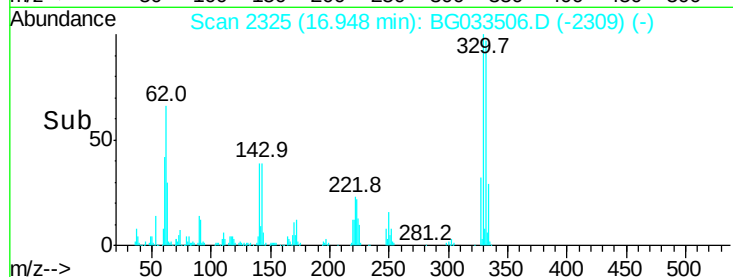
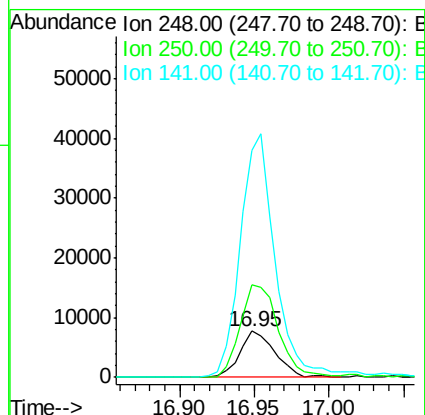
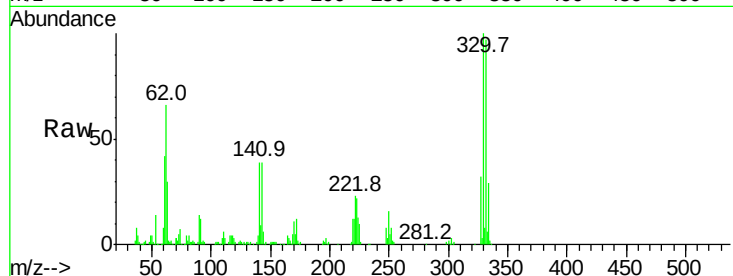




#66
 4-Bromophenyl-phenylether
 Concen: 3.199 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.44 min
 Lab File: BG033506.D
 Acq: 3 Apr 2018 2:54

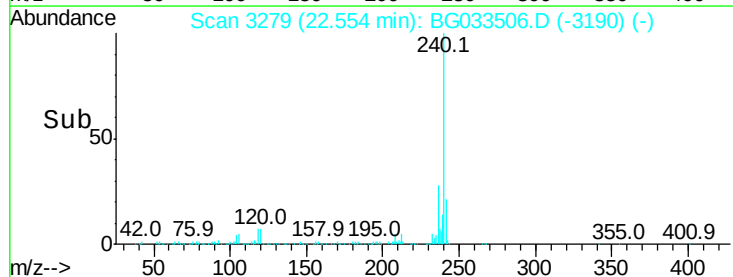
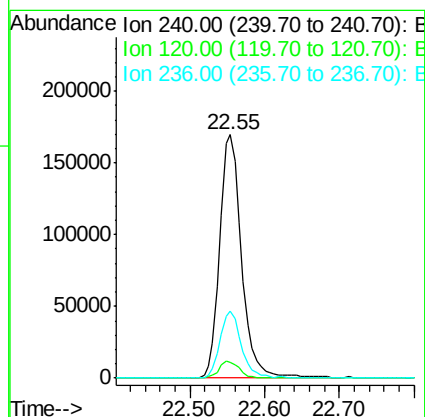
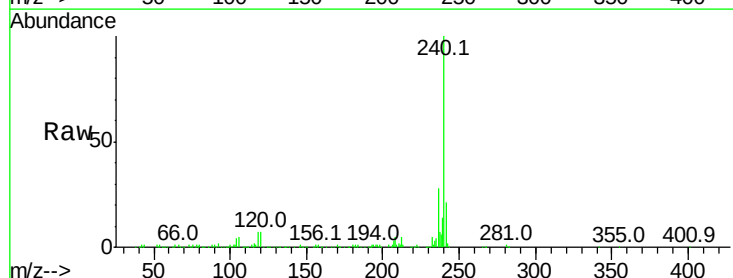
Instrument :
 BNA_G
 ClientSampleId :

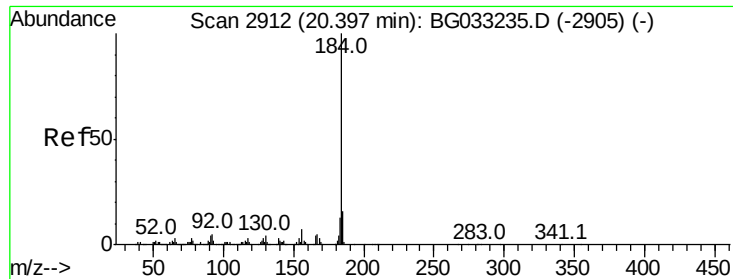
Tot Ion:248 Resp: 12722
 Ion Ratio Lower Upper
 248 100
 250 202.5 77.1 115.7#
 141 492.5 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BG033506.D
 Acq: 3 Apr 2018 2:54

Tgt Ion:240 Resp: 346051
 Ion Ratio Lower Upper
 240 100
 120 6.5 6.8 10.2#
 236 27.7 20.9 31.3





#76

Benzidine

Concen: 2.677 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033506.D

Acq: 3 Apr 2018 2:54

Instrument :

BNA_G

ClientSampleId :

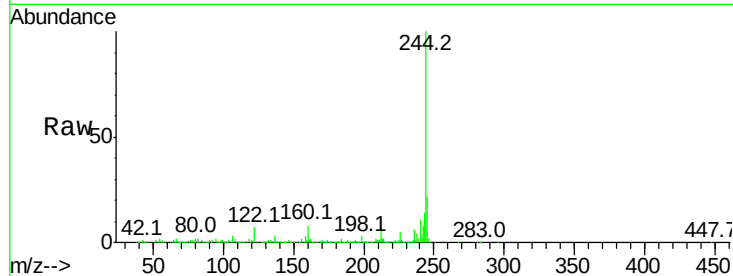
Tot Ion:184 Resp: 25118

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

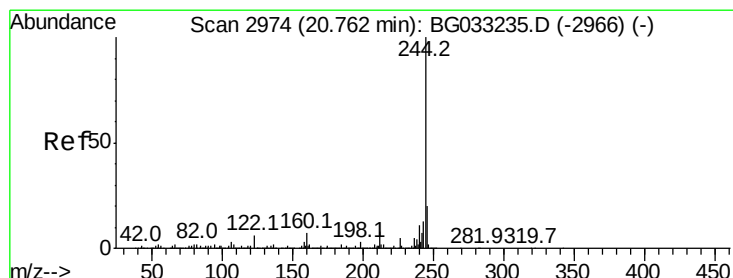
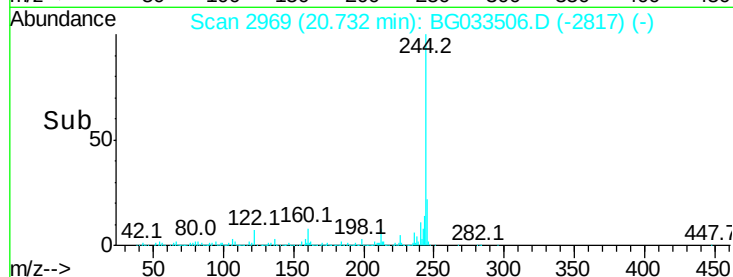
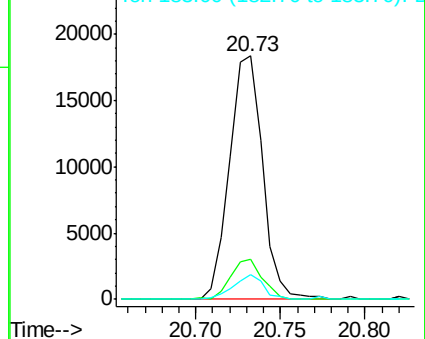
183 10.1 10.6 16.0#



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: 88.382 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033506.D

Acq: 3 Apr 2018 2:54

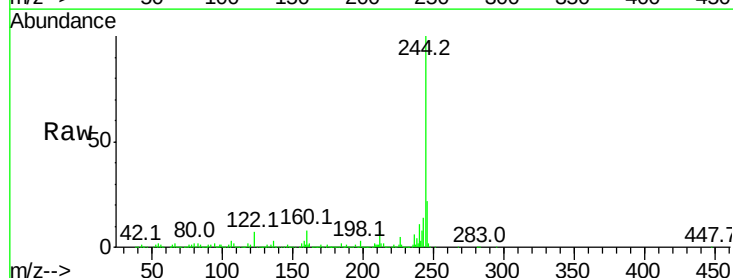
Tgt Ion:244 Resp: 1430129

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

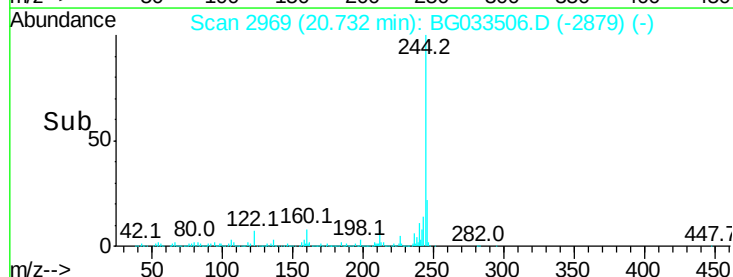
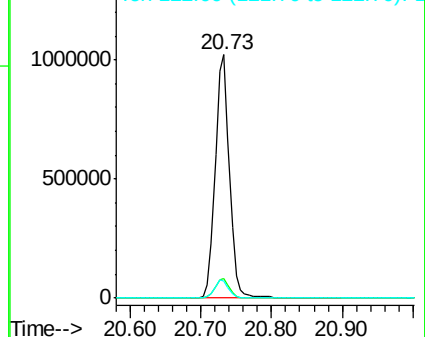
122 6.9 7.0 10.4#

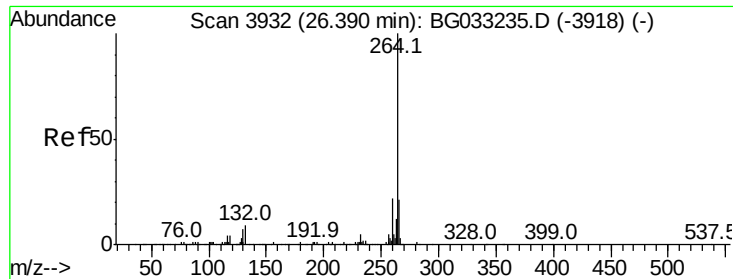


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

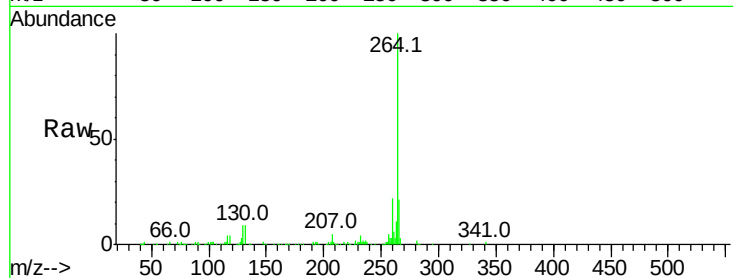




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.02 min
 Lab File: BG033506.D
 Acq: 3 Apr 2018 2:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	21.2	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

