

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033503.D
 Acq On : 3 Apr 2018 1:01
 Operator : SJ/JU
 Sample : J2114-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 04:04:49 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

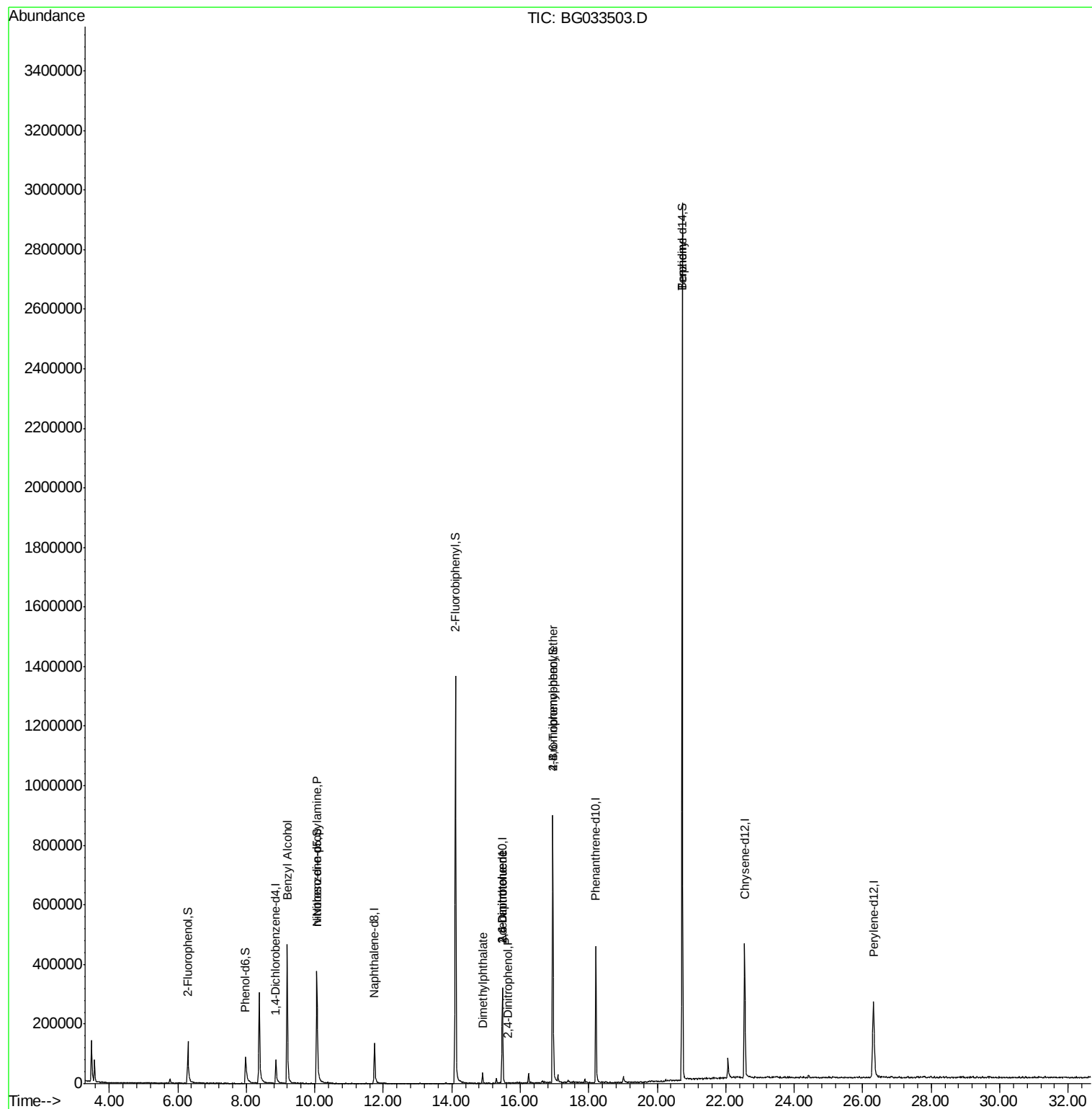
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31832	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	135197	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	119870	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	327698	20.00	ng	0.00
75) Chrysene-d12	22.55	240	338943	20.00	ng	-0.01
86) Perylene-d12	26.31	264	356376	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	80635	47.50	ng	0.00
7) Phenol-d6	7.98	99	79913	27.40	ng	0.00
23) Nitrobenzene-d5	10.06	82	299242	101.69	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	181713	101.36	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	796470	95.92	ng	0.00
78) Terphenyl-d14	20.73	244	1476242	93.15	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5208	2.268	ng	# 43
19) n-Nitroso-di-n-propylamine	10.06	70	40277	18.844	ng	# 79
49) Dimethylphthalate	14.90	163	24157	2.316	ng	# 99
50) 2,6-Dinitrotoluene	15.48	165	15893	7.451	ng	# 18
53) 2,4-Dinitrophenol	15.66	184	81	7.709	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	15893	5.060	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	14272	3.708	ng	# 1
76) Benzidine	20.73	184	24977	2.717	ng	# 90

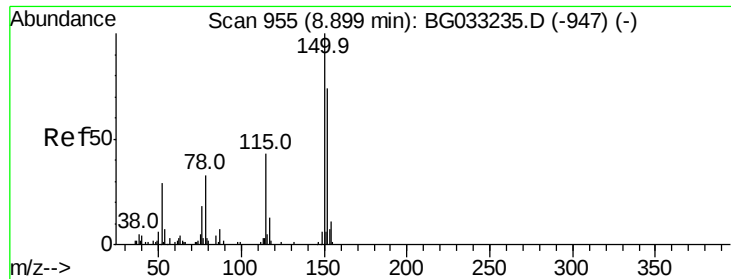
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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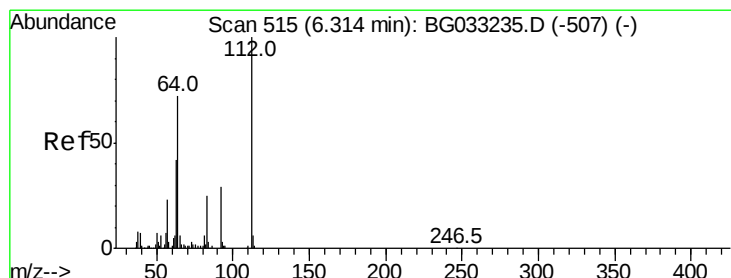
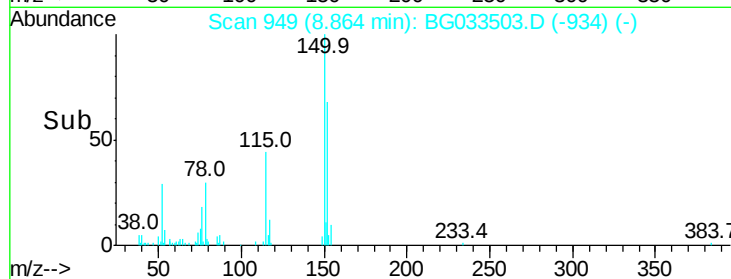
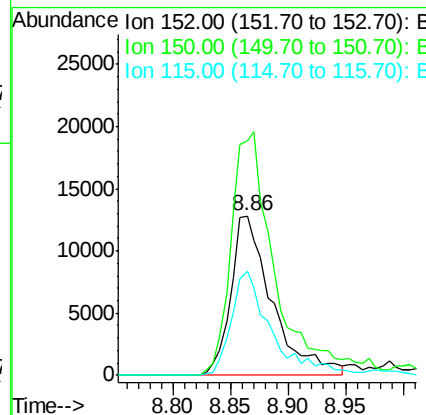
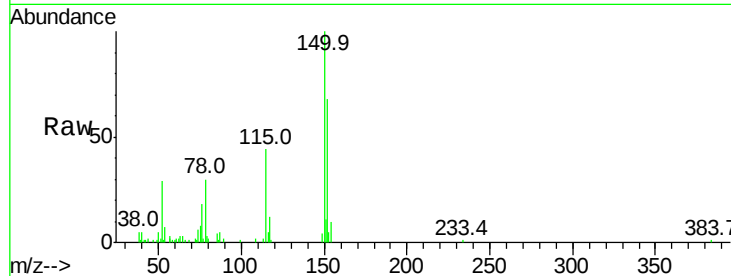


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033503.D
Acq: 3 Apr 2018 1:01

Instrument :
BNA_G
ClientSampleId :

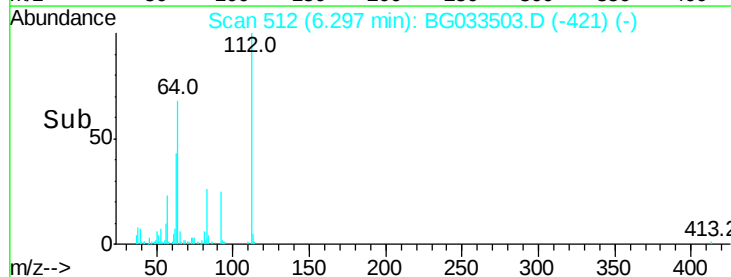
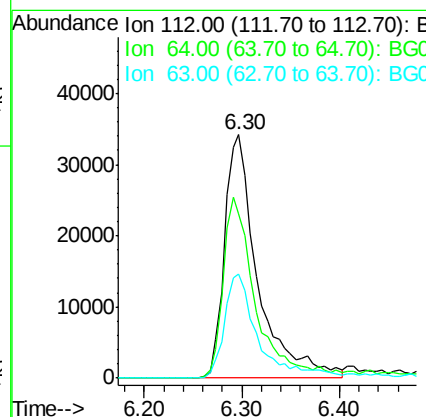
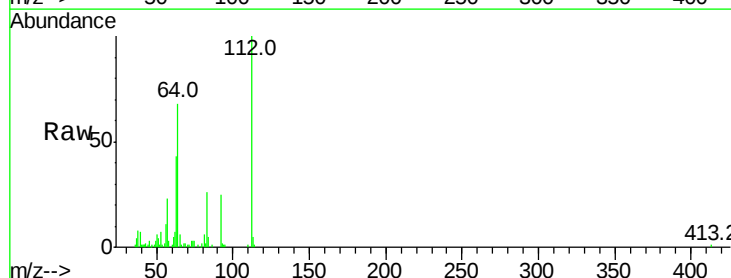
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	126.6	189.8
115	65.2	53.0	79.4

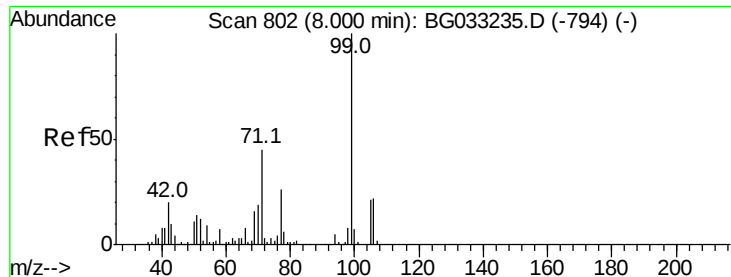


#5

2-Fluorophenol
Concen: 47.499 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033503.D
Acq: 3 Apr 2018 1:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.3	84.5
63	42.5	30.1	45.1





#7

Phenol-d6

Concen: 27.397 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033503.D

Acq: 3 Apr 2018 1:01

Instrument :

BNA_G

ClientSampleId :

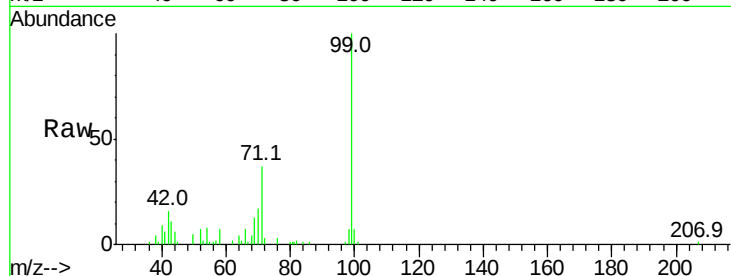
Tot Ion: 99 Resp: 79913

Ion Ratio Lower Upper

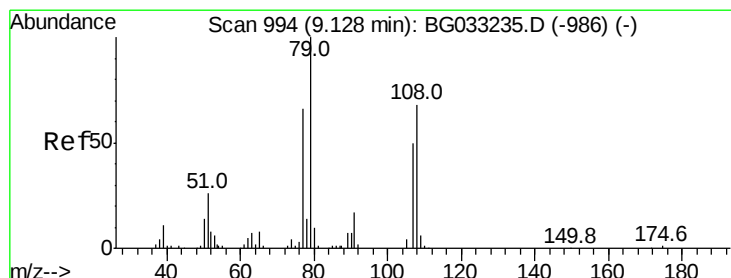
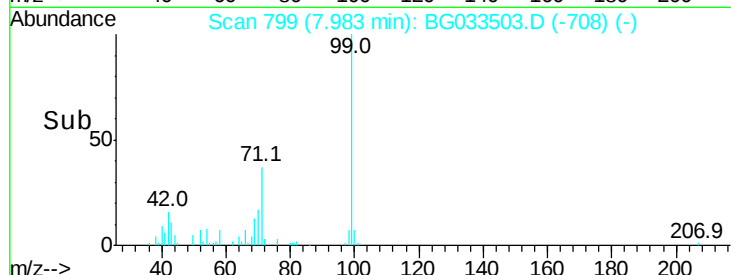
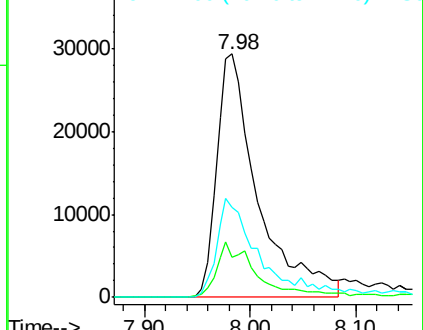
99 100

42 16.3 14.1 21.1

71 36.8 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: 2.268 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033503.D

Acq: 3 Apr 2018 1:01

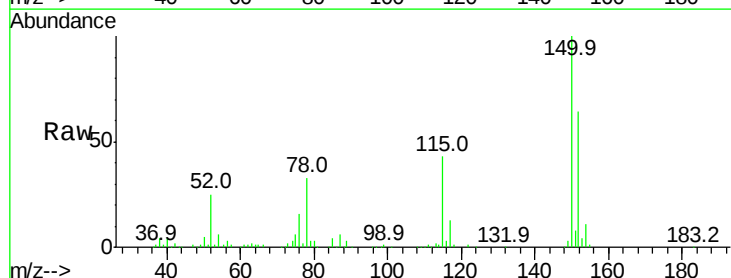
Tgt Ion: 79 Resp: 5208

Ion Ratio Lower Upper

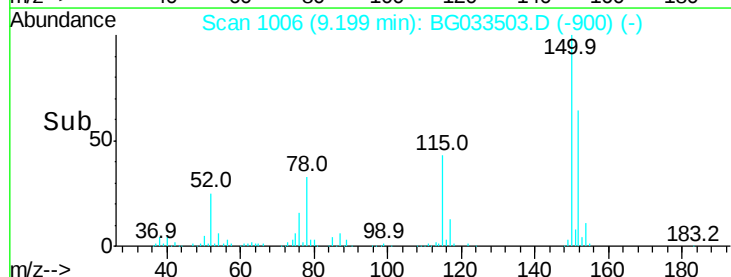
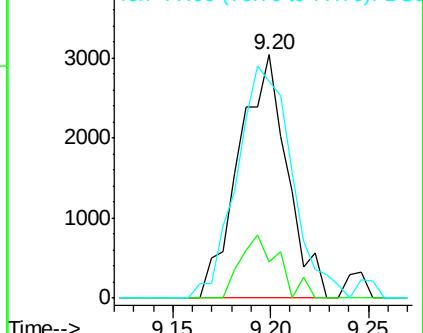
79 100

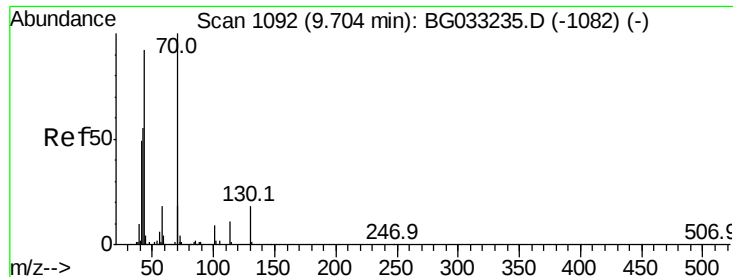
108 14.9 57.2 85.8#

77 89.3 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: 18.844 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.39 min

Lab File: BG033503.D

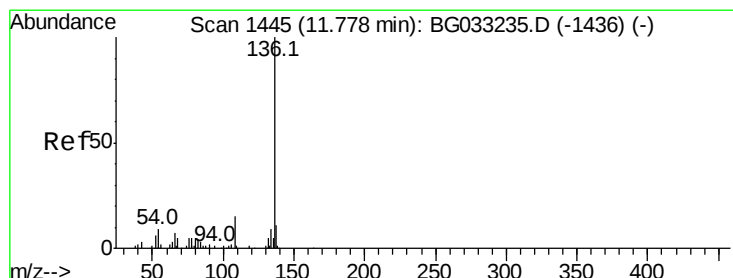
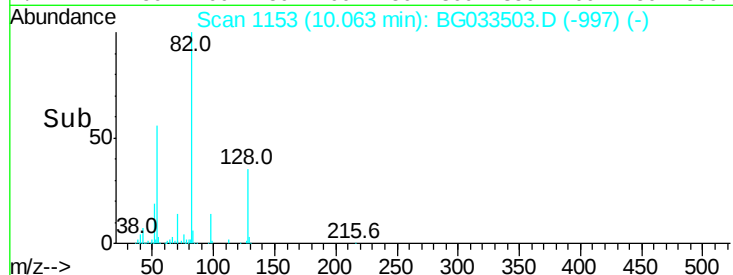
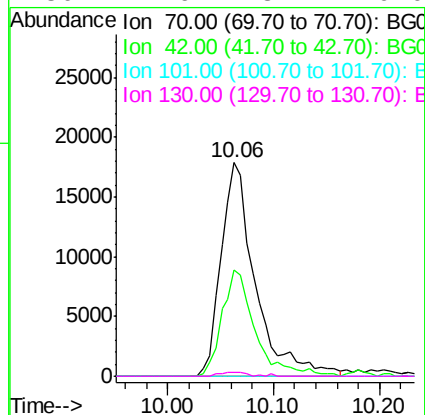
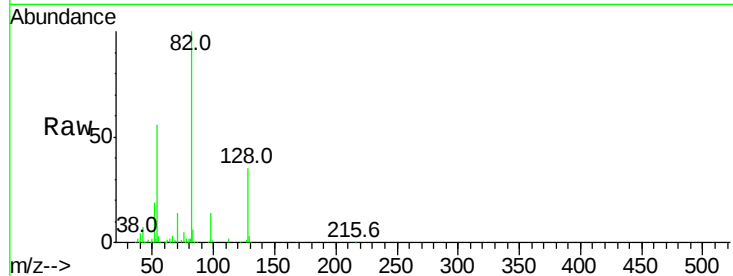
Acq: 3 Apr 2018 1:01

Instrument :

BNA_G

ClientSampled :

Tot Ion:	70	Resp:	40277
Ion	Ratio	Lower	Upper
70	100		
42	49.5	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

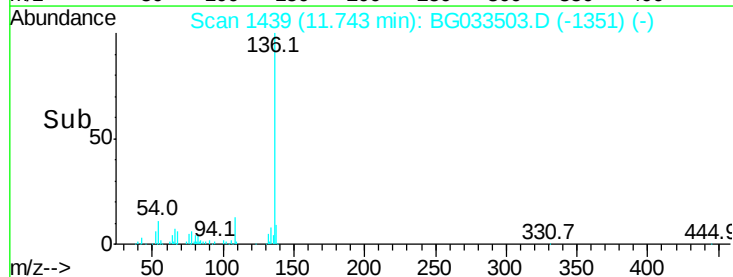
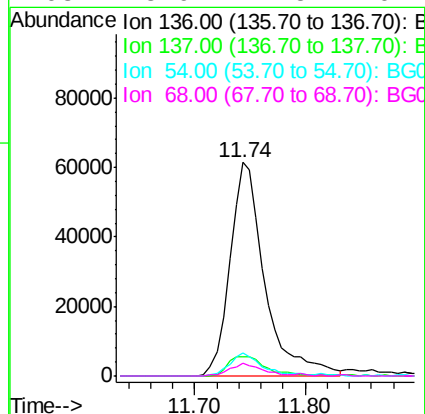
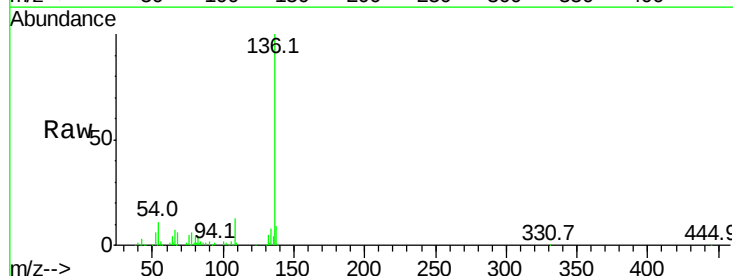
RT: 11.74 min Scan# 1439

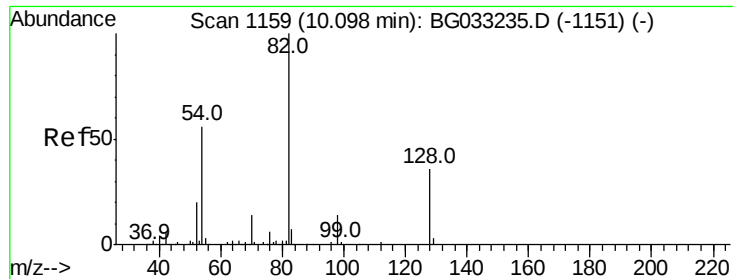
Delta R.T. -0.01 min

Lab File: BG033503.D

Acq: 3 Apr 2018 1:01

Tgt Ion:	136	Resp:	135197
Ion	Ratio	Lower	Upper
136	100		
137	8.9	9.2	13.8#
54	10.9	10.3	15.5
68	5.9	4.5	6.7

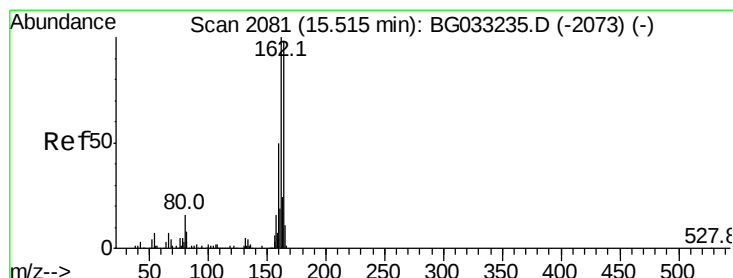
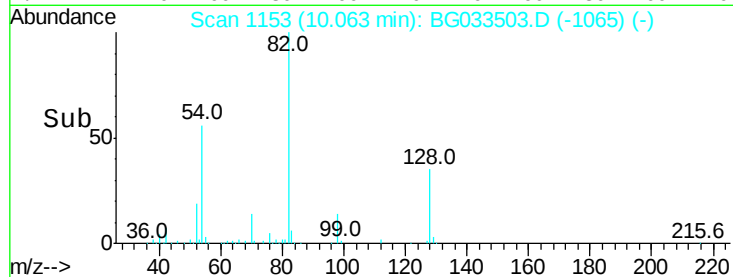
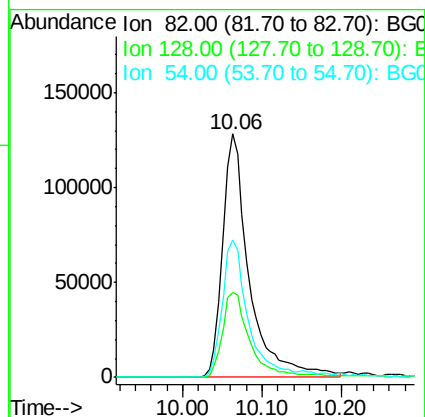
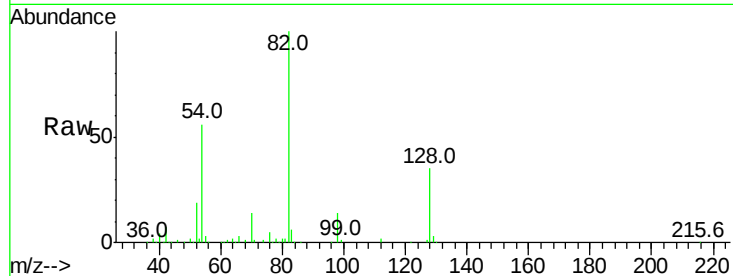




#23
 Nitrobenzene-d5
 Concen: 101.692 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033503.D
 Acq: 3 Apr 2018 1:01

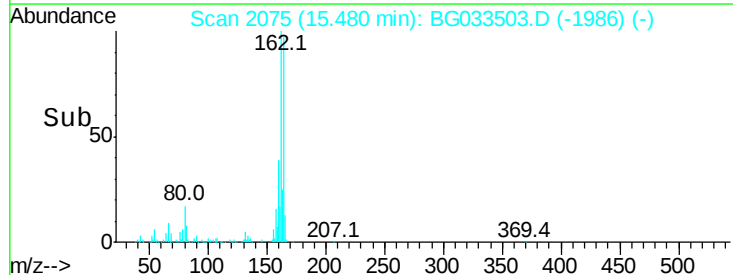
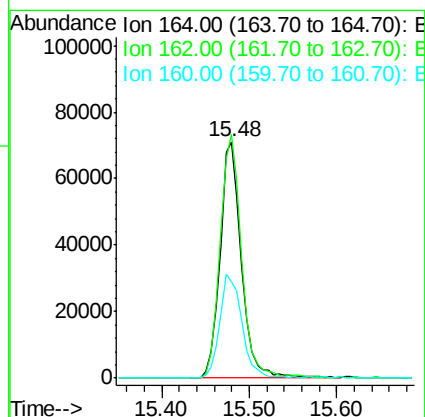
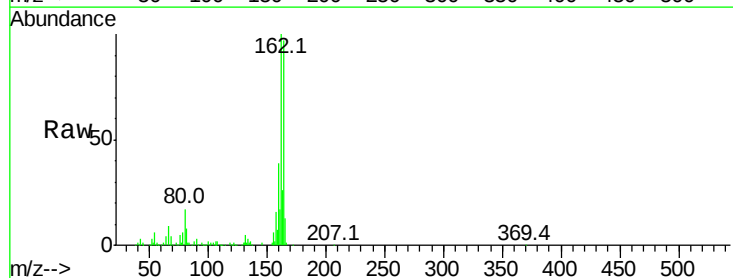
Instrument :
 BNA_G
 ClientSampleId :

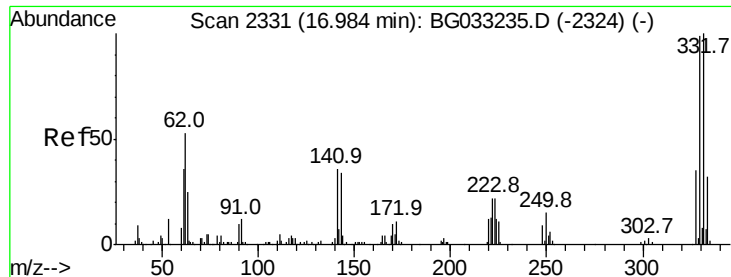
Tot Ion	82	Resp	299242
Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	56.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033503.D
 Acq: 3 Apr 2018 1:01

Tgt Ion	164	Resp	119870
Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	40.6	35.4	53.0

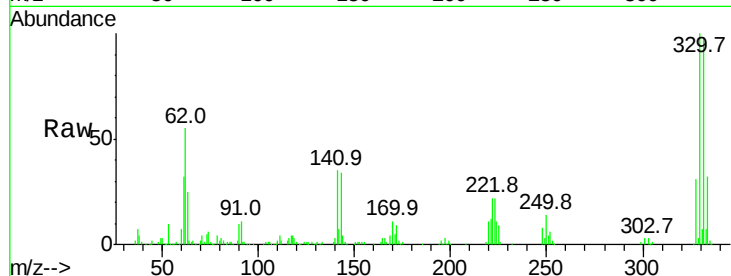




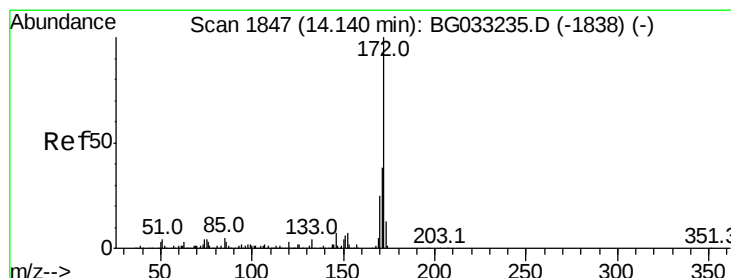
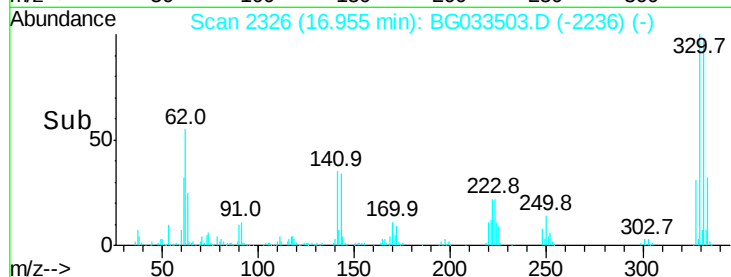
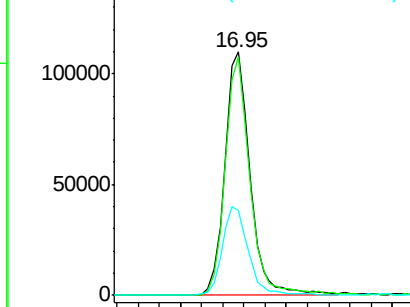
#41
 2,4,6-Tribromophenol
 Concen: 101.357 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033503.D
 Acq: 3 Apr 2018 1:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 181713
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 37.8 25.2 37.8

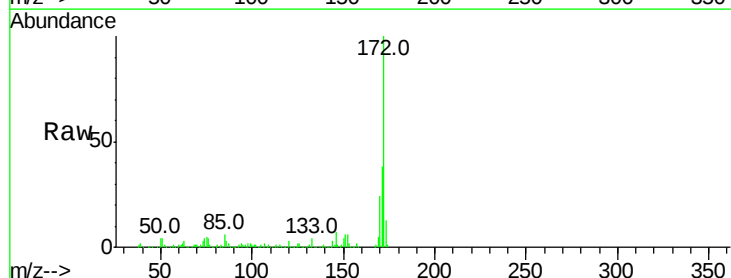


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

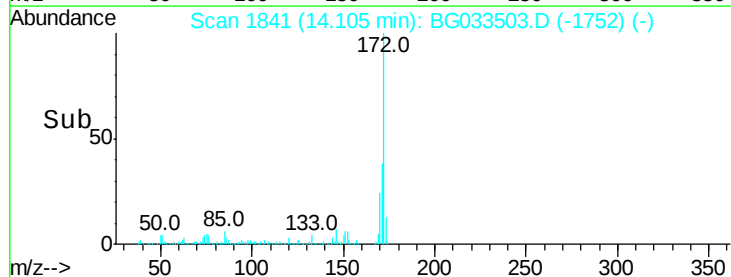
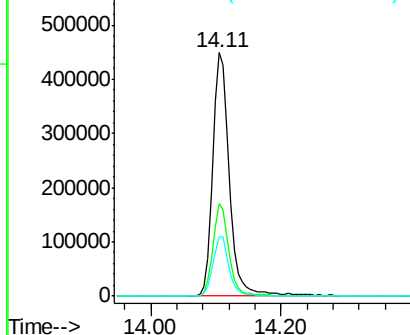


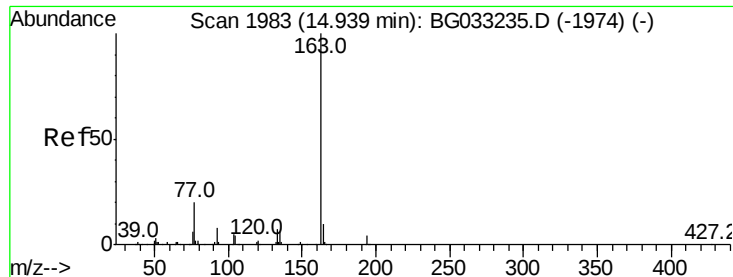
#44
 2-Fluorobiphenyl
 Concen: 95.922 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033503.D
 Acq: 3 Apr 2018 1:01

Tgt Ion:172 Resp: 796470
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 24.5 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: 2.316 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033503.D

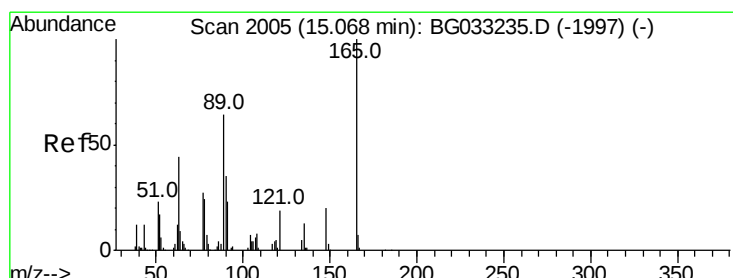
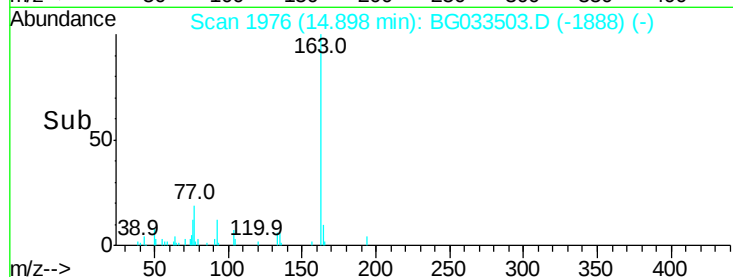
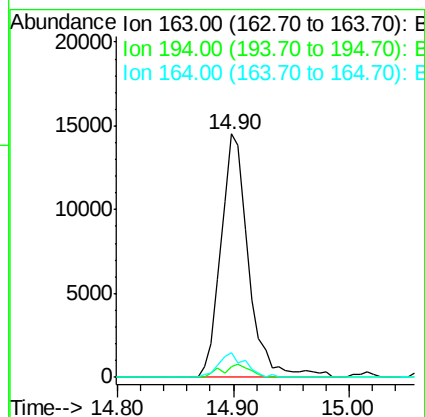
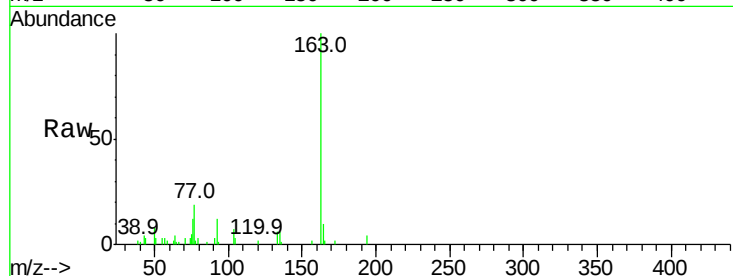
Acq: 3 Apr 2018 1:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	24157
Ion Ratio	Lower	Upper
163	100	
194	4.4	3.4 5.2
164	9.9	8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 7.451 ng

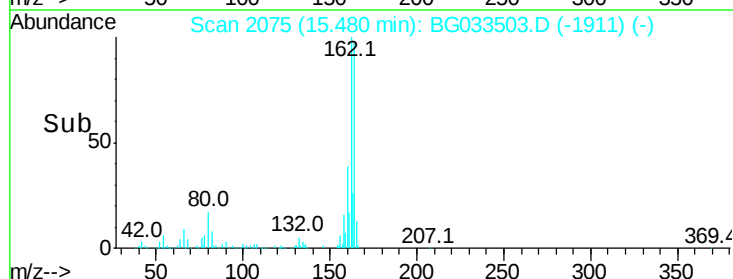
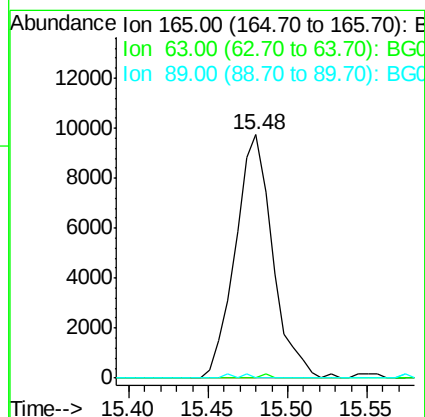
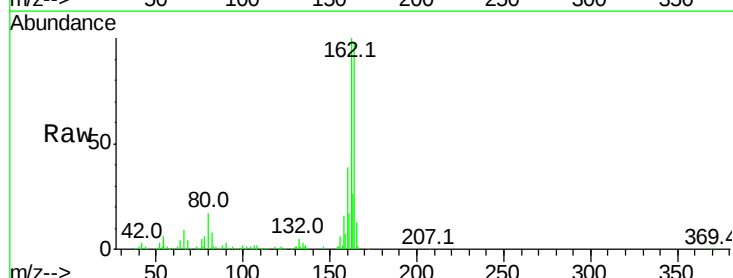
RT: 15.48 min Scan# 2075

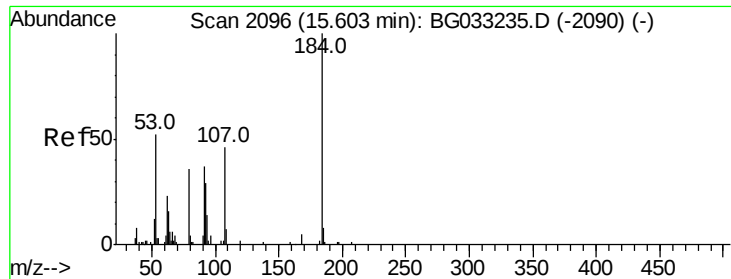
Delta R.T. 0.43 min

Lab File: BG033503.D

Acq: 3 Apr 2018 1:01

Tgt Ion:165	Resp:	15893
Ion Ratio	Lower	Upper
165	100	
63	0.0	52.7 79.1#
89	0.0	49.2 73.8#

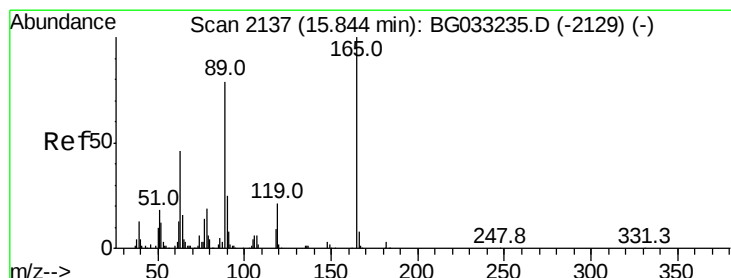
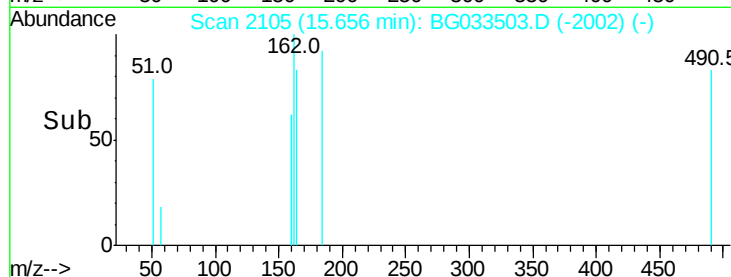
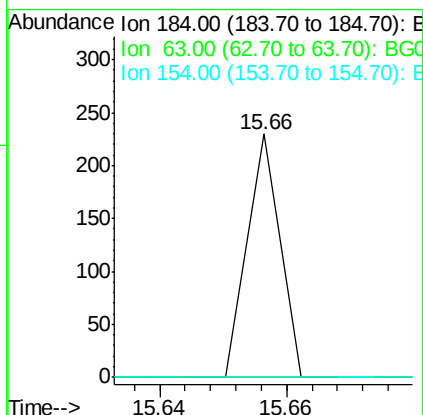
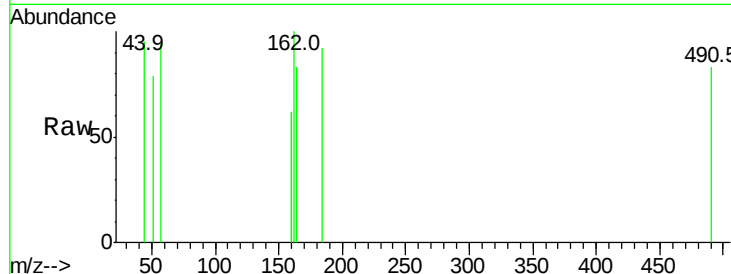




#53
2,4-Dinitrophenol
Concen: 7.709 ng
RT: 15.66 min Scan# 2105
Delta R.T. 0.07 min
Lab File: BG033503.D
Acq: 3 Apr 2018 1:01

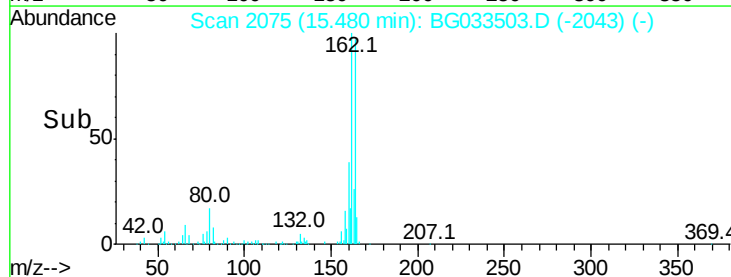
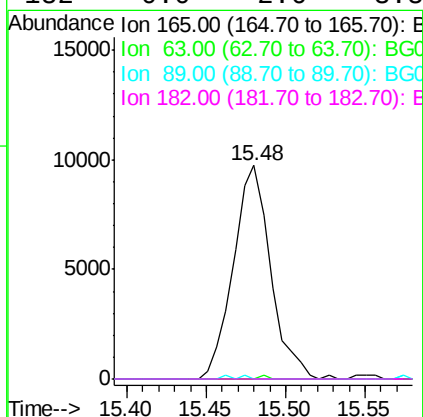
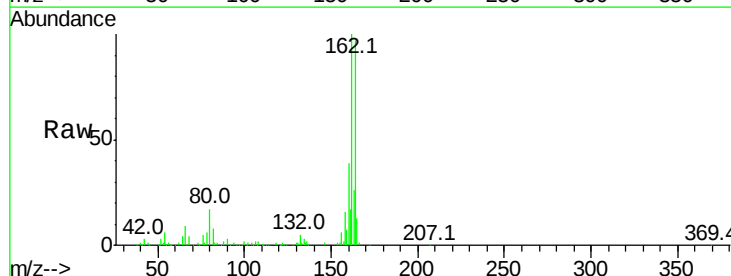
Instrument :
BNA_G
ClientSampleId :

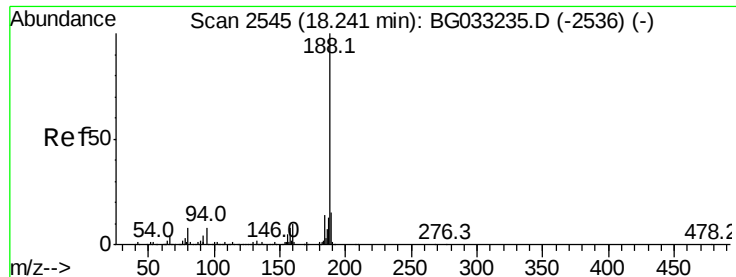
Tot Ion:184 Resp: 81
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.060 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033503.D
Acq: 3 Apr 2018 1:01

Tgt Ion:165 Resp: 15893
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

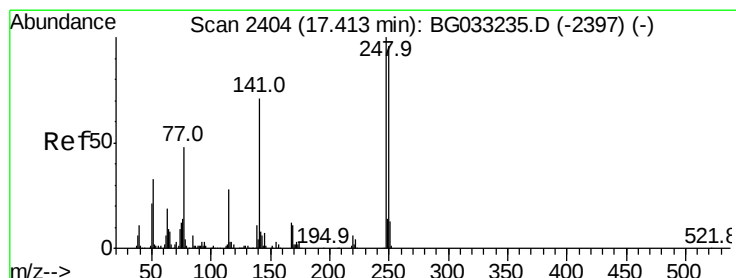
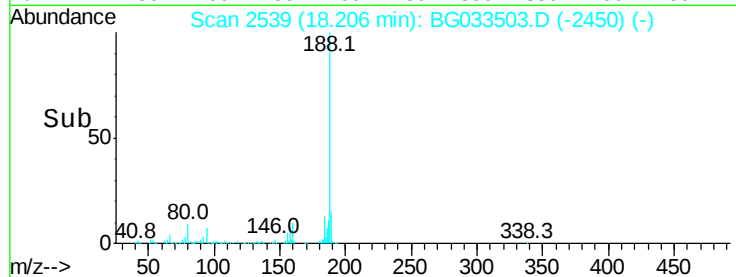
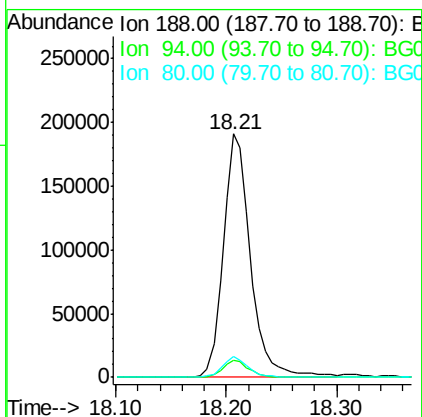
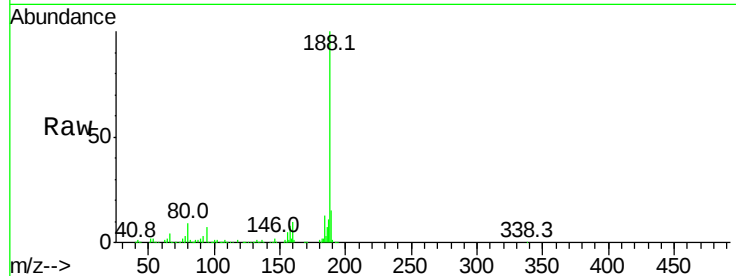




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033503.D
Acq: 3 Apr 2018 1:01

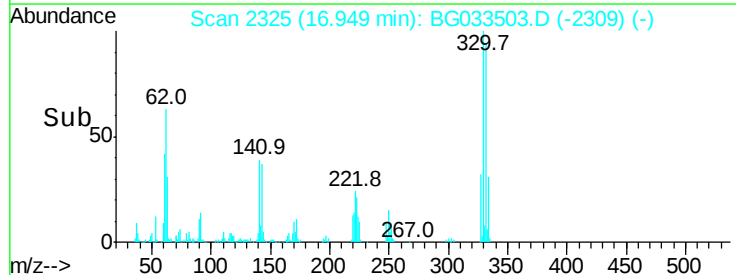
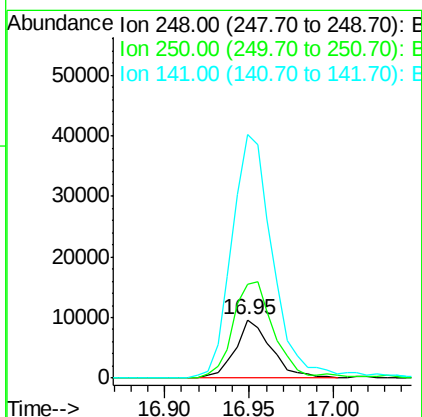
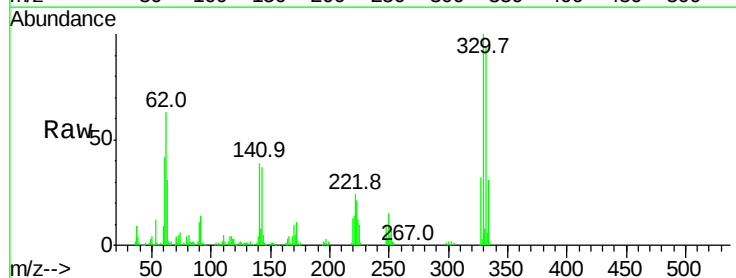
Instrument :
BNA_G
ClientSampleId :

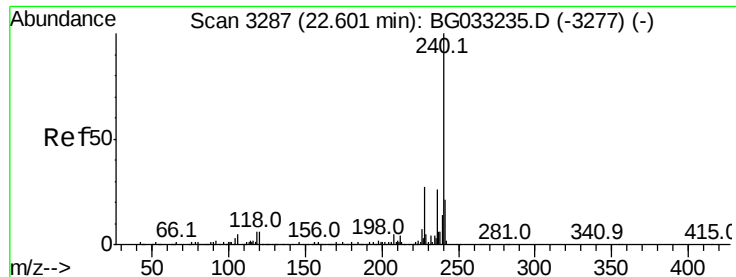
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.8	7.7	11.5



#66
4-Bromophenyl-phenylether
Concen: 3.708 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033503.D
Acq: 3 Apr 2018 1:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	162.0	77.1	115.7#
141	417.7	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033503.D

Acq: 3 Apr 2018 1:01

Instrument :

BNA_G

ClientSampleId :

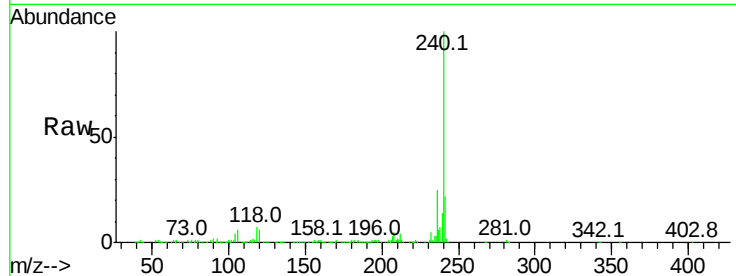
Tot Ion:240 Resp: 338943

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

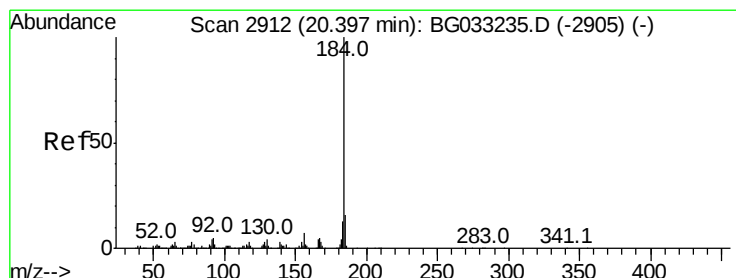
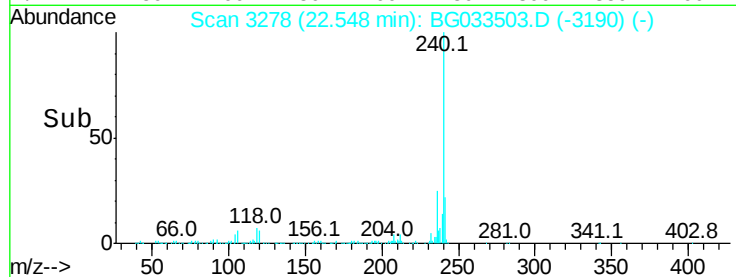
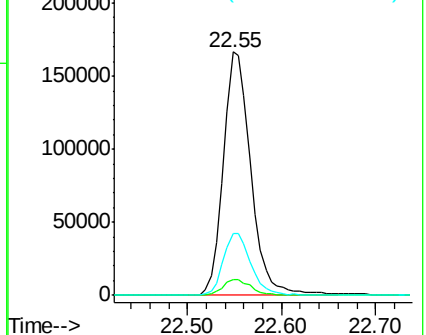
236 25.2 20.9 31.3



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# 2968

Delta R.T. 0.36 min

Lab File: BG033503.D

Acq: 3 Apr 2018 1:01

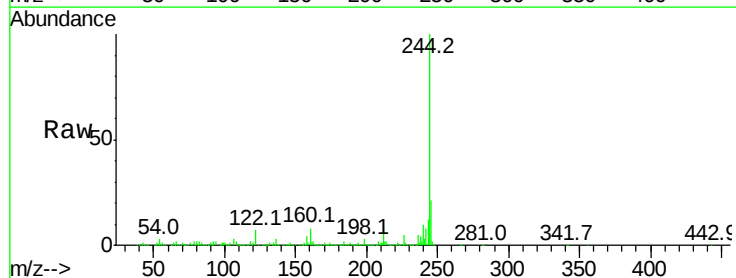
Tgt Ion:184 Resp: 24977

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

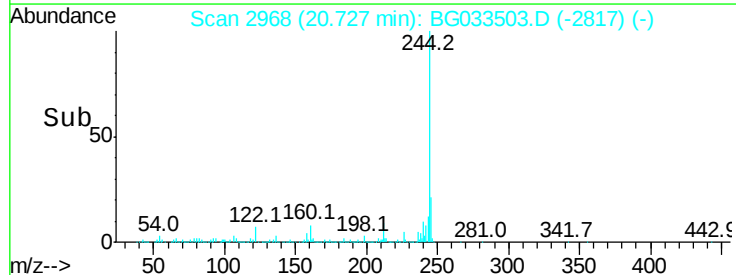
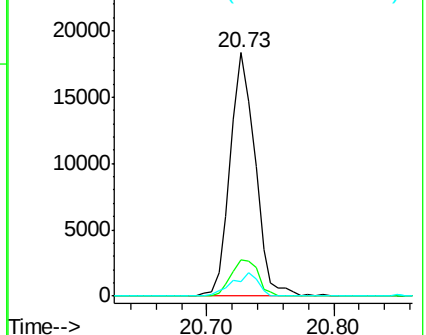
183 6.1 10.6 16.0#

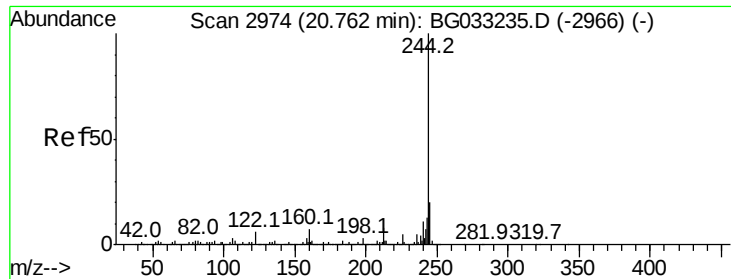


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

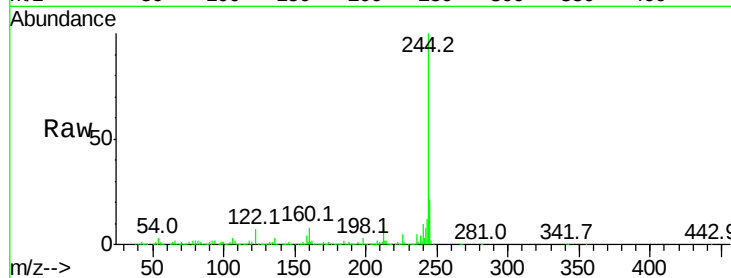




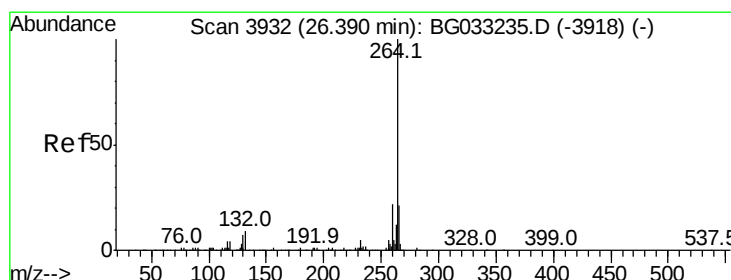
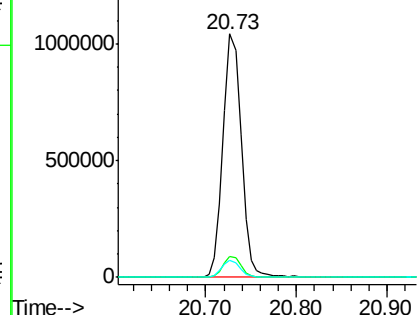
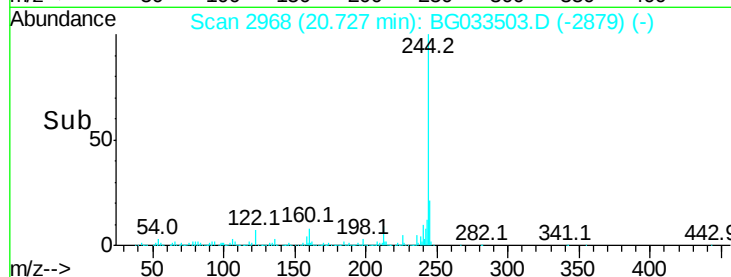
#78
 Terphenyl-d14
 Concen: 93.145 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG033503.D
 Acq: 3 Apr 2018 1:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1476242
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 7.2 7.0 10.4

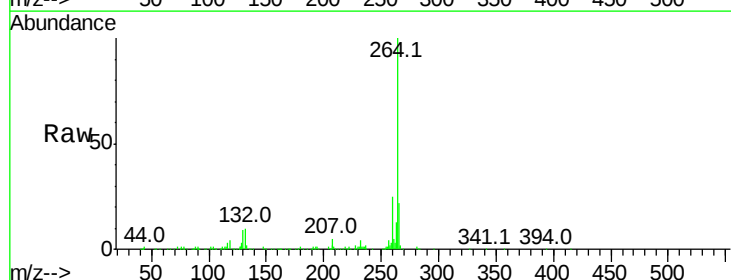


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.02 min
 Lab File: BG033503.D
 Acq: 3 Apr 2018 1:01

Tgt Ion:264 Resp: 356376
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.4 26.0
 265 22.1 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

