

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033499.D
 Acq On : 2 Apr 2018 22:31
 Operator : SJ/JU
 Sample : J2114-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 04:03:37 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

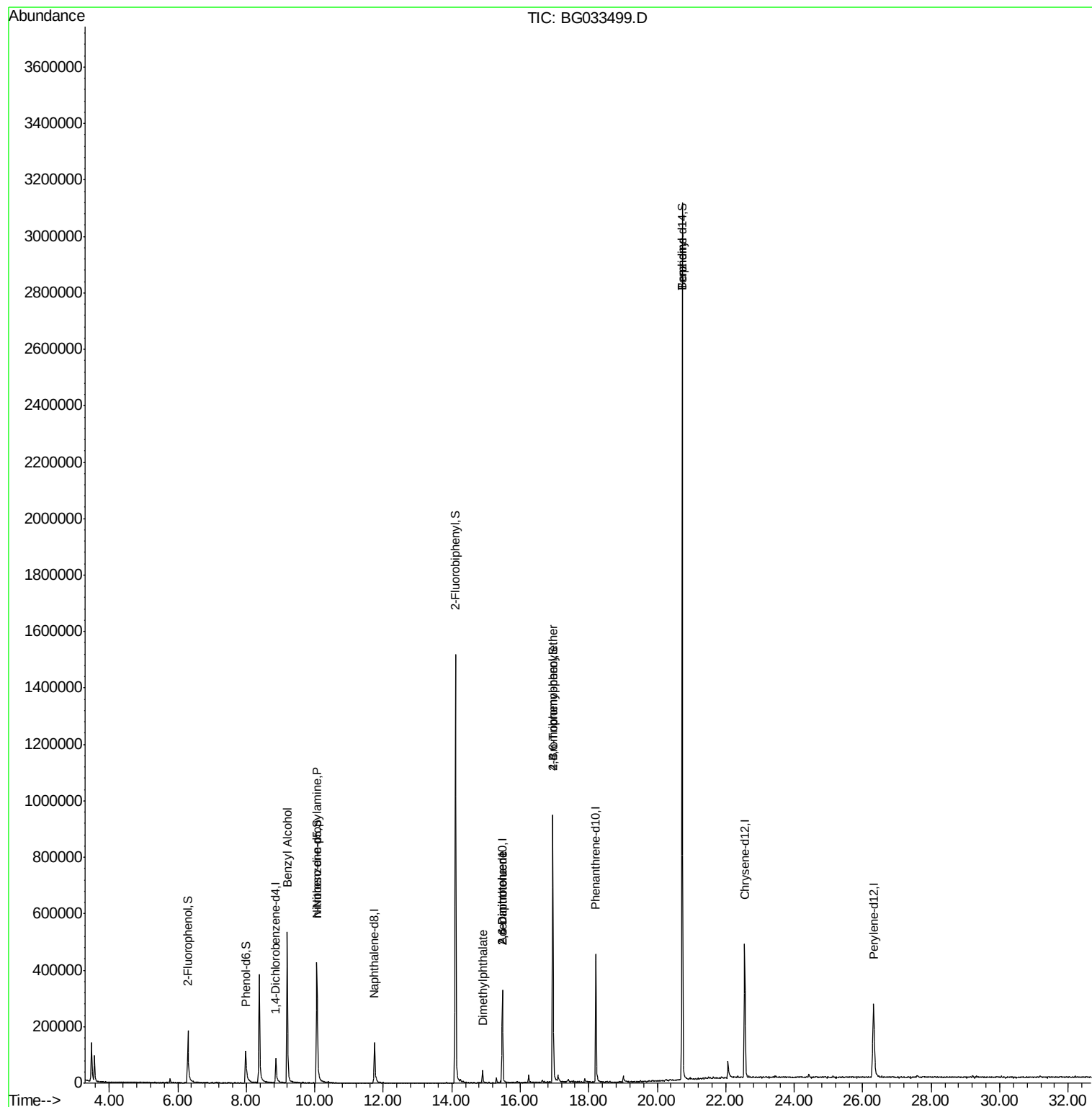
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	34700	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	148901	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	123937	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	331517	20.00	ng	0.00
75) Chrysene-d12	22.55	240	339264	20.00	ng	0.00
86) Perylene-d12	26.31	264	365503	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	98993	53.49	ng	0.00
7) Phenol-d6	7.98	99	100057	31.47	ng	0.00
23) Nitrobenzene-d5	10.06	82	347296	107.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	190266	102.65	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	872758	101.66	ng	0.00
78) Terphenyl-d14	20.73	244	1567602	98.82	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5436	2.171	ng	# 41
19) n-Nitroso-di-n-propylamine	10.06	70	46706	20.046	ng	# 75
49) Dimethylphthalate	14.90	163	29658	2.750	ng	# 96
50) 2,6-Dinitrotoluene	15.47	165	15770	7.151	ng	# 22
56) 2,4-Dinitrotoluene	15.47	165	15770	4.856	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	14678	3.770	ng	# 1
76) Benizidine	20.73	184	27209	2.957	ng	# 93

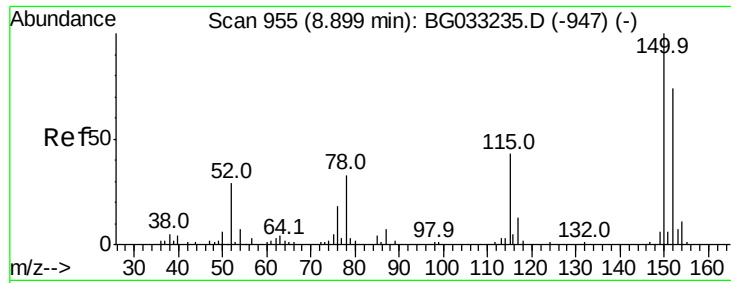
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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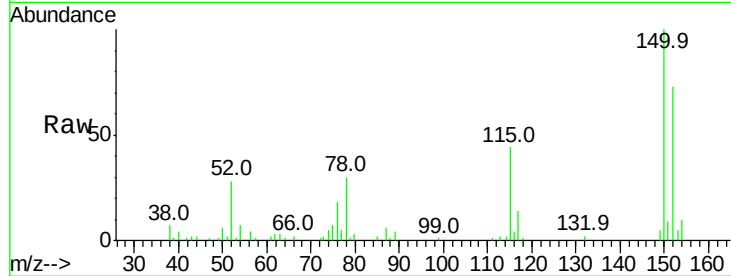


#1

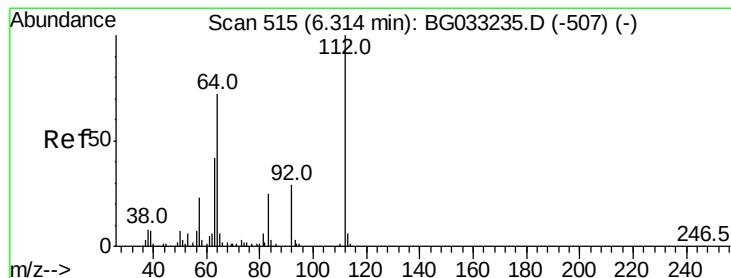
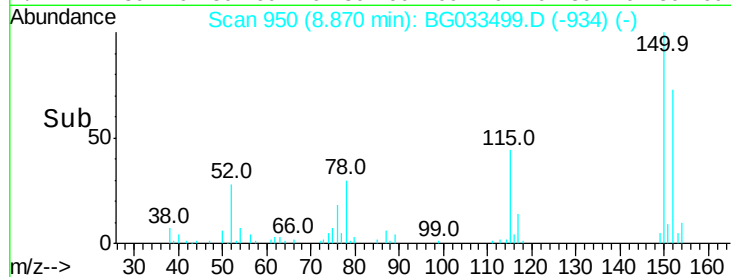
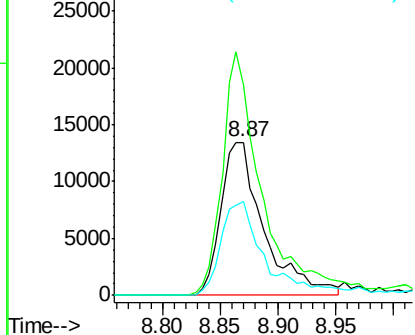
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033499.D
Acq: 2 Apr 2018 22:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34700
Ion Ratio Lower Upper
152 100
150 137.9 126.6 189.8
115 61.0 53.0 79.4



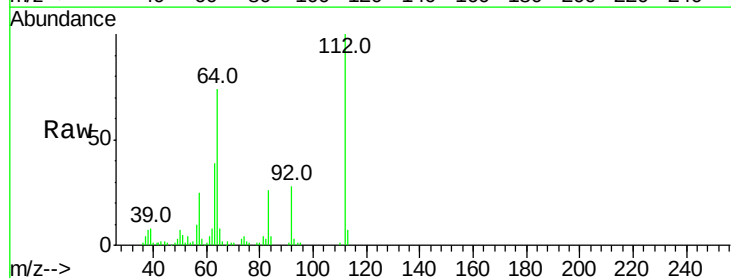
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



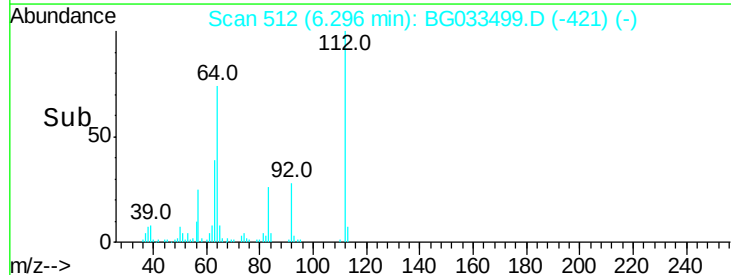
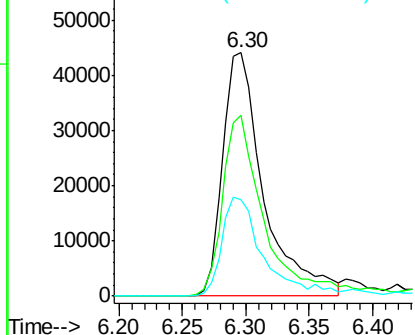
#5

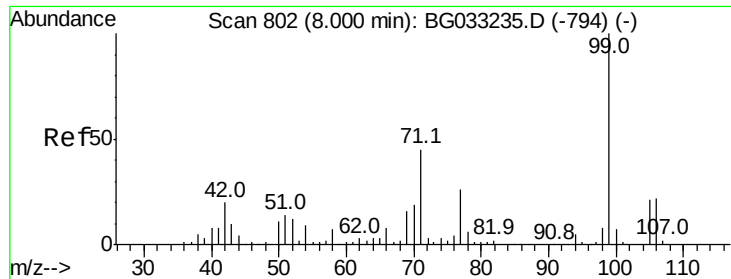
2-Fluorophenol
Concen: 53.494 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033499.D
Acq: 2 Apr 2018 22:31

Tgt Ion:112 Resp: 98993
Ion Ratio Lower Upper
112 100
64 74.5 56.3 84.5
63 39.5 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: 31.468 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033499.D

Acq: 2 Apr 2018 22:31

Instrument :

BNA_G

ClientSampled :

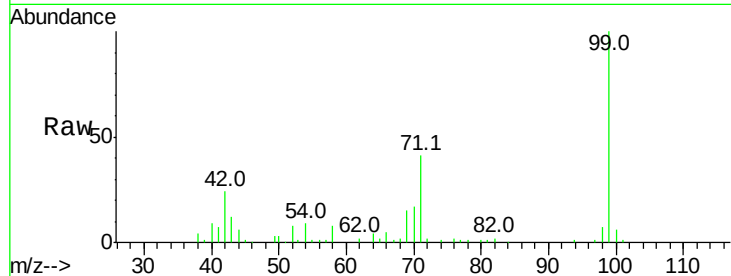
Tot Ion: 99 Resp: 100057

Ion Ratio Lower Upper

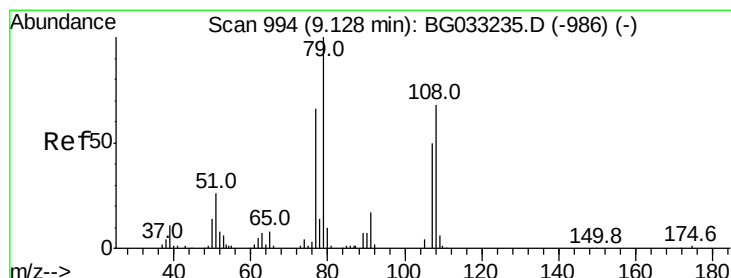
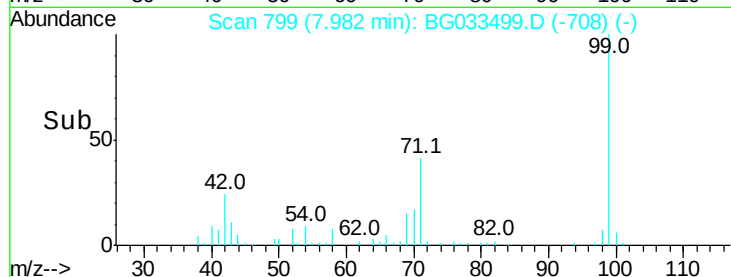
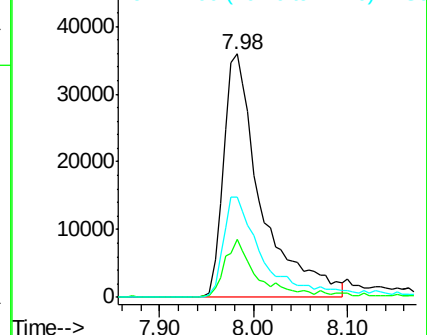
99 100

42 23.6 14.1 21.1#

71 41.1 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: 2.171 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033499.D

Acq: 2 Apr 2018 22:31

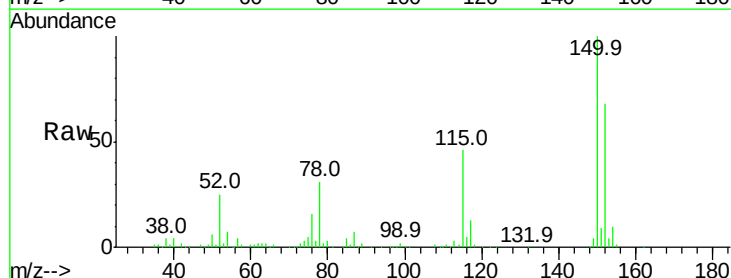
Tgt Ion: 79 Resp: 5436

Ion Ratio Lower Upper

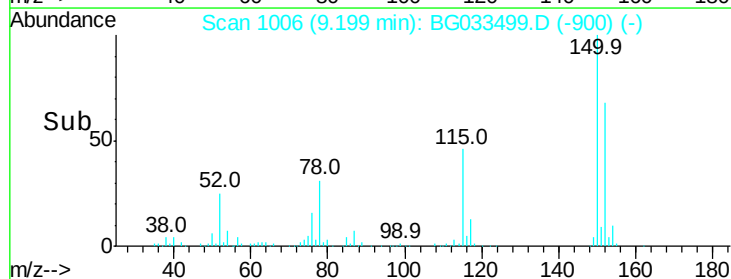
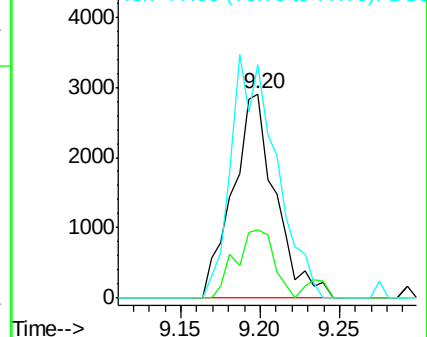
79 100

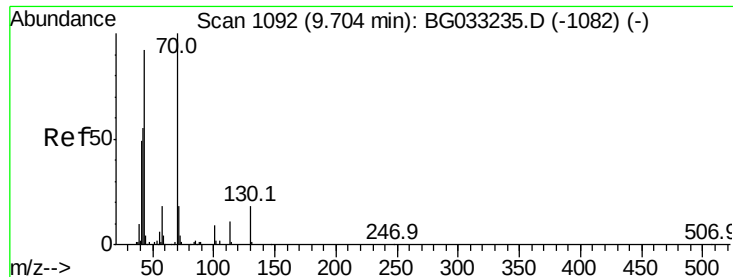
108 33.6 57.2 85.8#

77 114.2 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

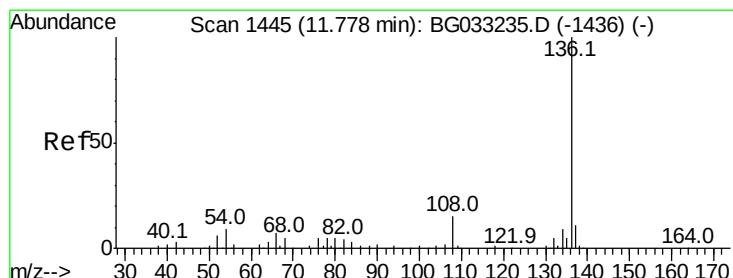
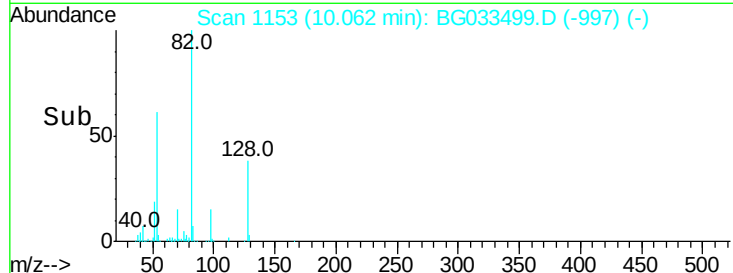
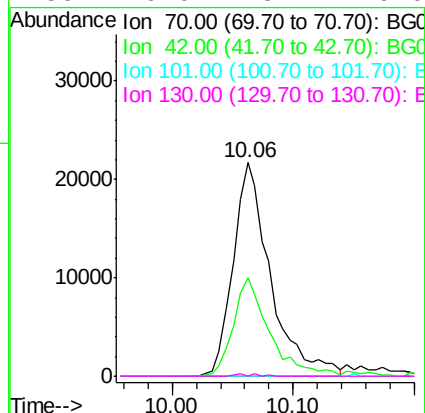
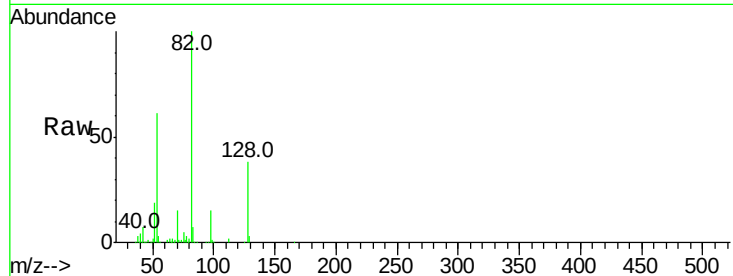




#19
n-Nitroso-di-n-propylamine
Concen: 20.046 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.38 min
Lab File: BG033499.D
Acq: 2 Apr 2018 22:31

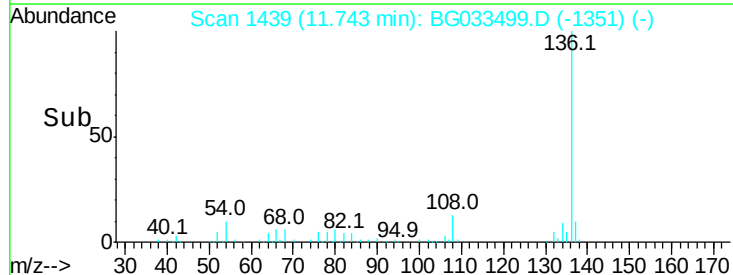
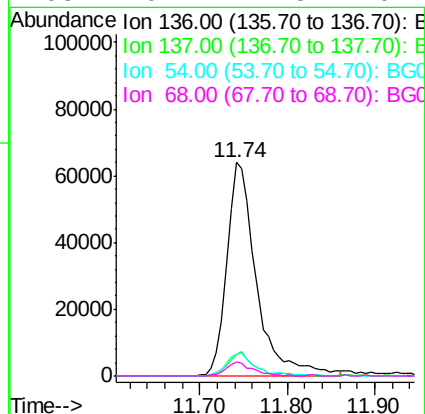
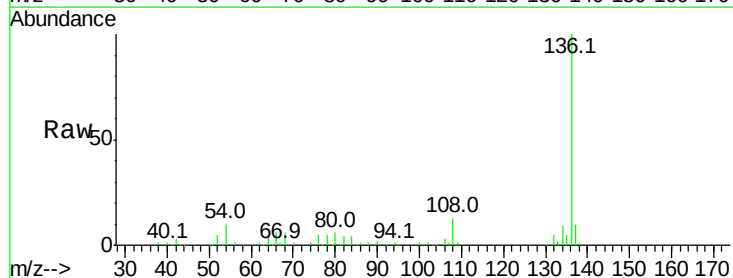
Instrument :
BNA_G
ClientSampleId :

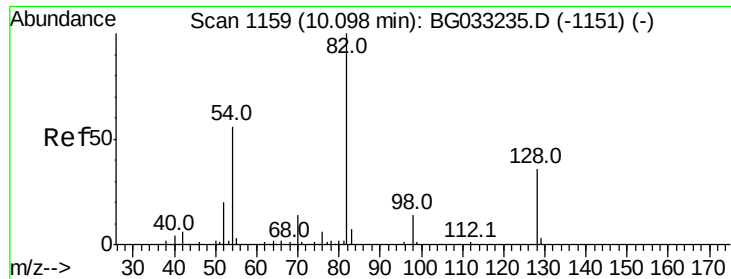
Tot Ion: 70 Resp: 46706
Ion Ratio Lower Upper
70 100
42 46.0 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033499.D
Acq: 2 Apr 2018 22:31

Tgt Ion: 136 Resp: 148901
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 10.4 10.3 15.5
68 6.4 4.5 6.7

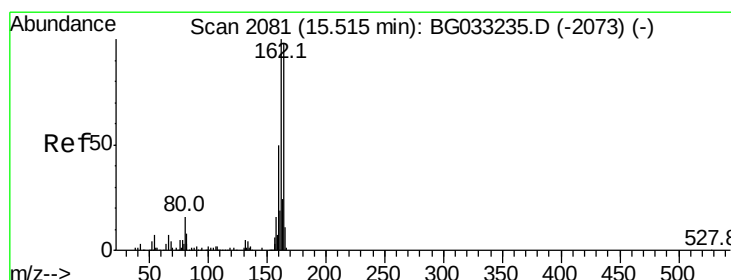
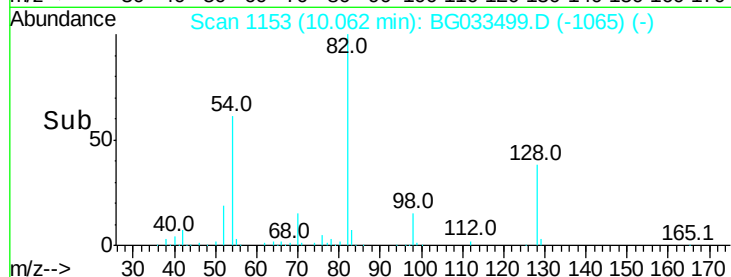
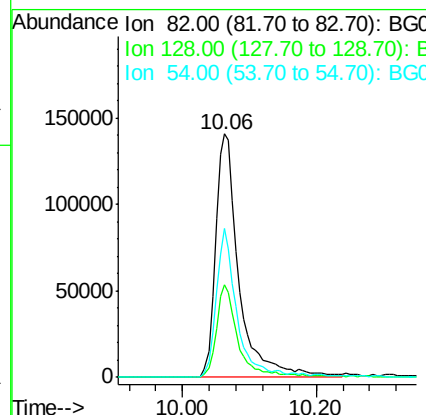
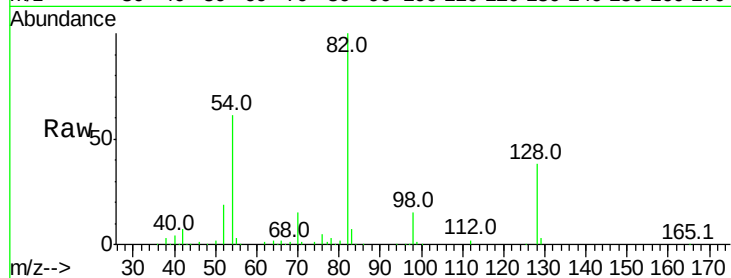




#23
 Nitrobenzene-d5
 Concen: 107.160 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033499.D
 Acq: 2 Apr 2018 22:31

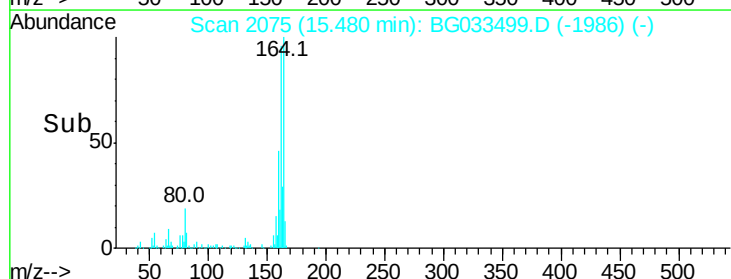
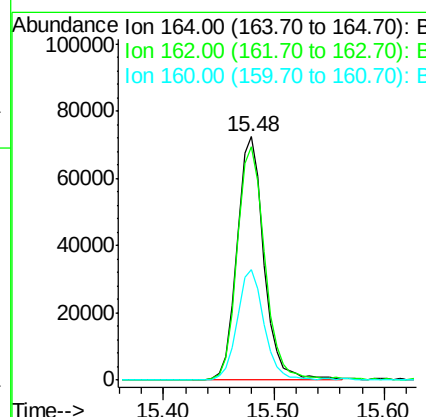
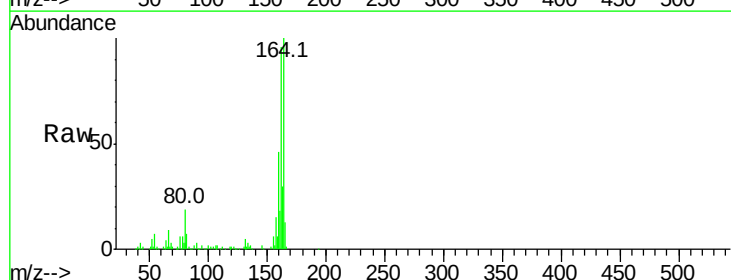
Instrument :
 BNA_G
 ClientSampleId :

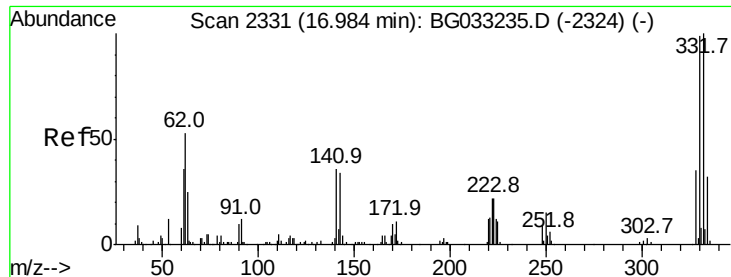
Tot Ion: 82 Resp: 347296
 Ion Ratio Lower Upper
 82 100
 128 37.9 29.7 44.5
 54 61.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033499.D
 Acq: 2 Apr 2018 22:31

Tgt Ion:164 Resp: 123937
 Ion Ratio Lower Upper
 164 100
 162 95.7 78.8 118.2
 160 45.6 35.4 53.0

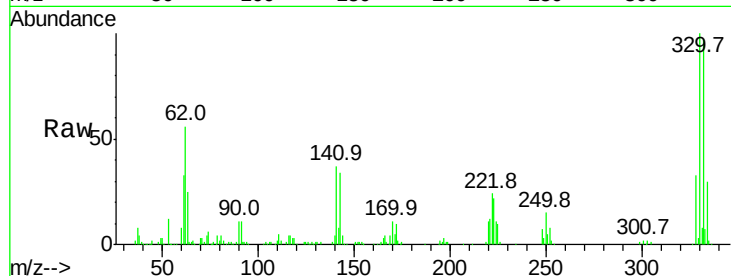




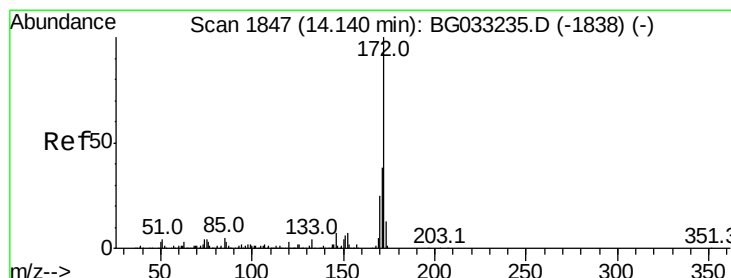
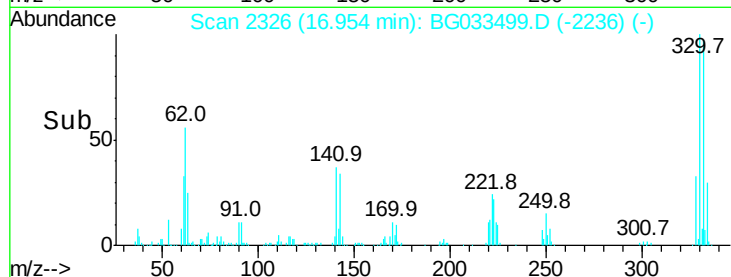
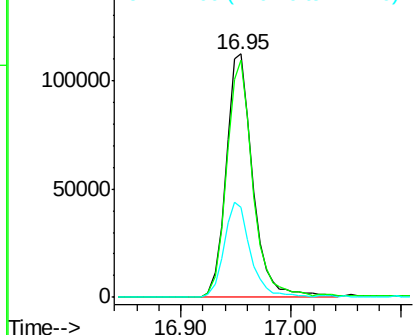
#41
 2,4,6-Tribromophenol
 Concen: 102.646 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033499.D
 Acq: 2 Apr 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	38.4	25.2	37.8#

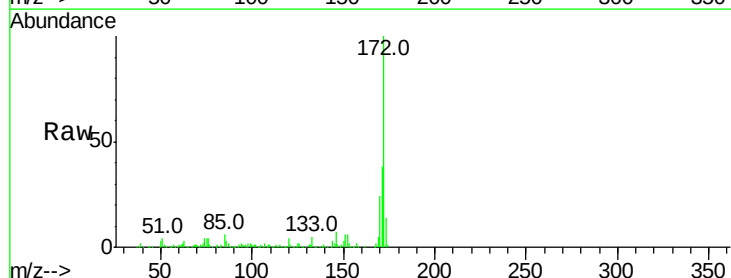


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

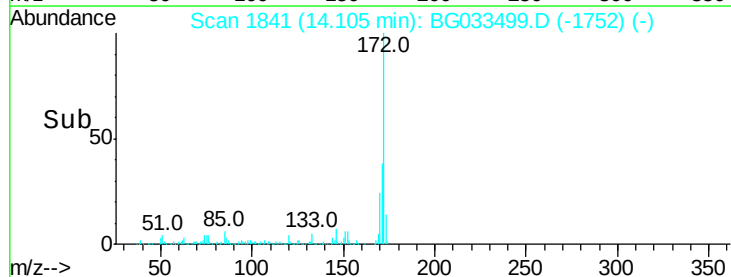
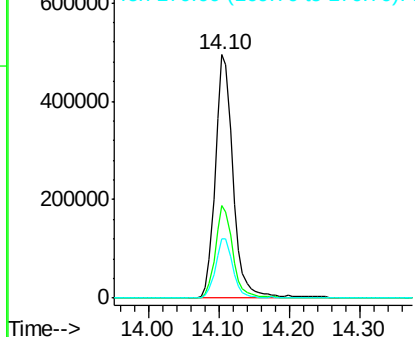


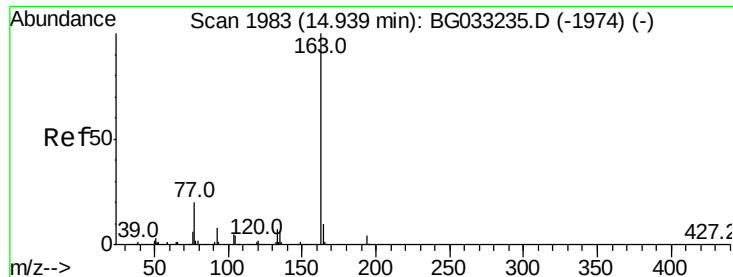
#44
 2-Fluorobiphenyl
 Concen: 101.660 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033499.D
 Acq: 2 Apr 2018 22:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.4	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

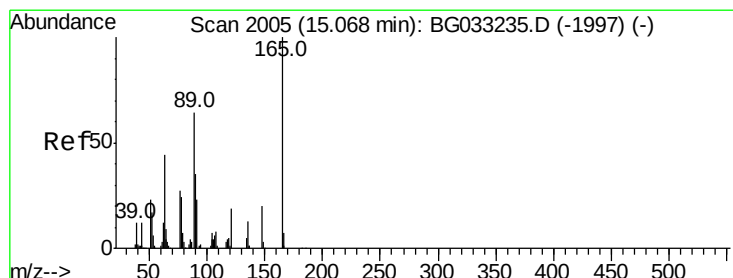
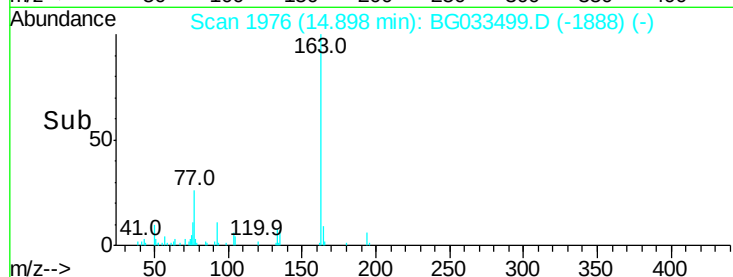
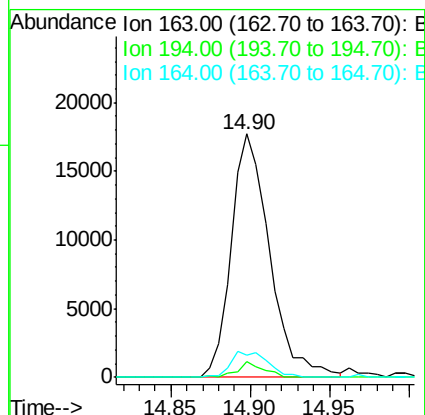
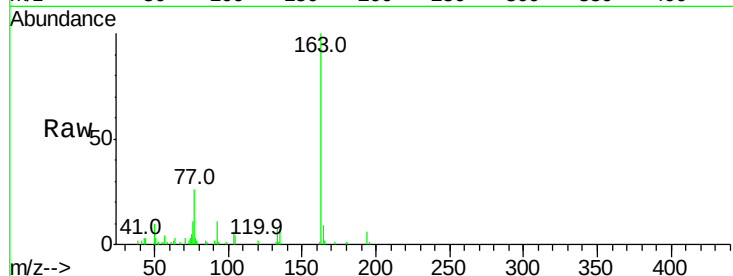




#49
Dimethylphthalate
Concen: 2.750 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033499.D
Acq: 2 Apr 2018 22:31

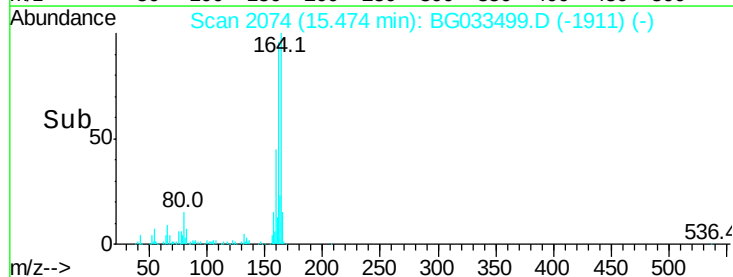
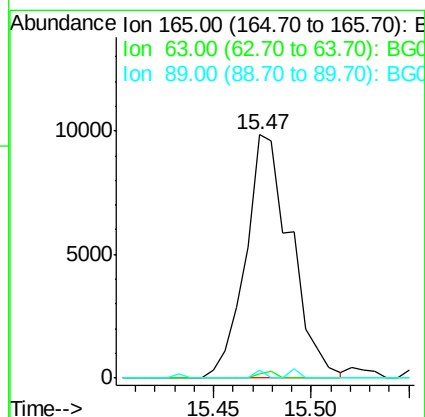
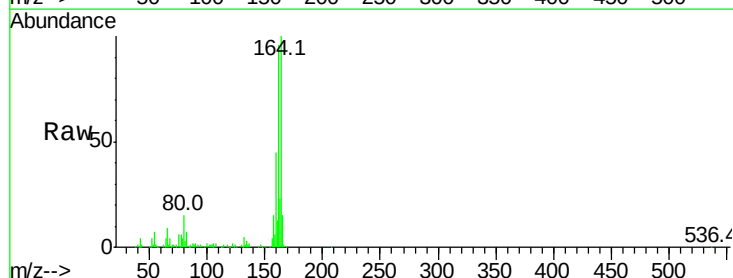
Instrument :
BNA_G
ClientSampleId :

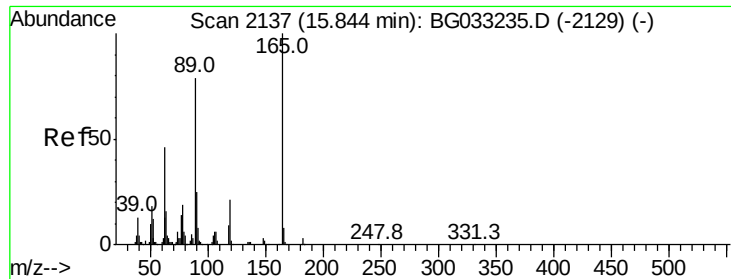
Tot Ion:163 Resp: 29658
Ion Ratio Lower Upper
163 100
194 6.2 3.4 5.2#
164 9.3 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 7.151 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.43 min
Lab File: BG033499.D
Acq: 2 Apr 2018 22:31

Tgt Ion:165 Resp: 15770
Ion Ratio Lower Upper
165 100
63 1.6 52.7 79.1#
89 3.5 49.2 73.8#

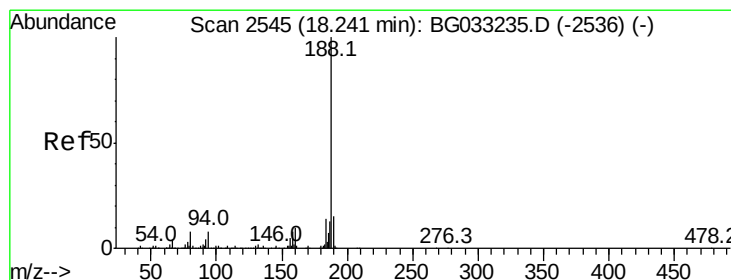
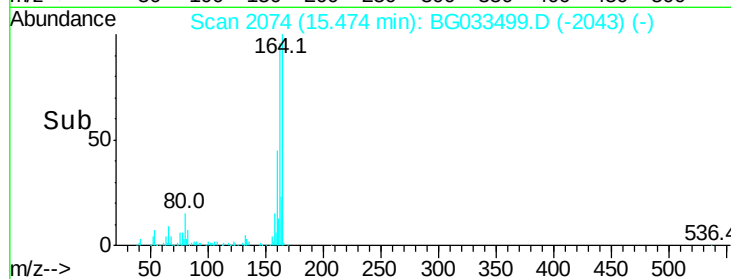
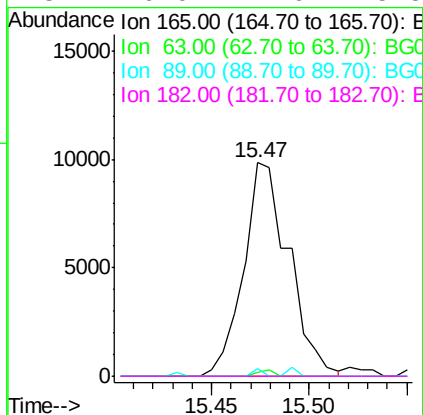
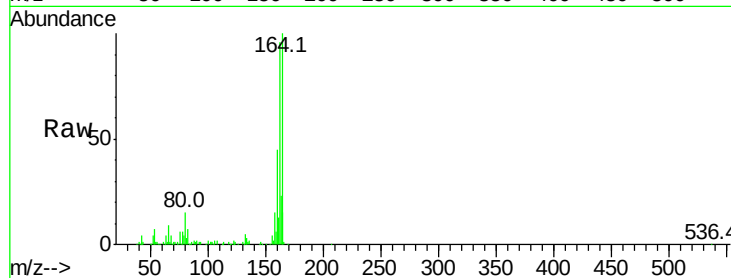




#56
 2,4-Dinitrotoluene
 Concen: 4.856 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.35 min
 Lab File: BG033499.D
 Acq: 2 Apr 2018 22:31

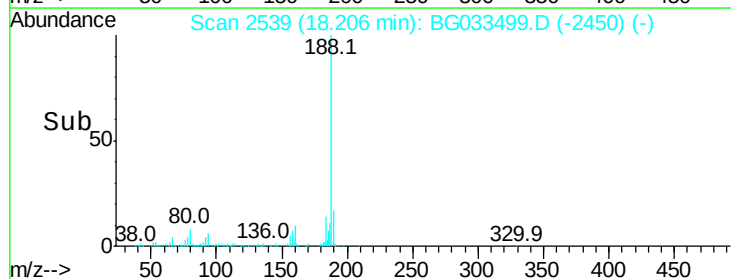
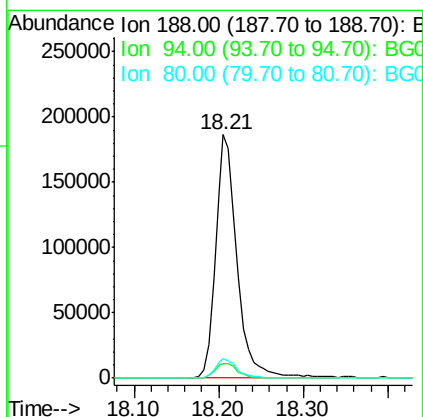
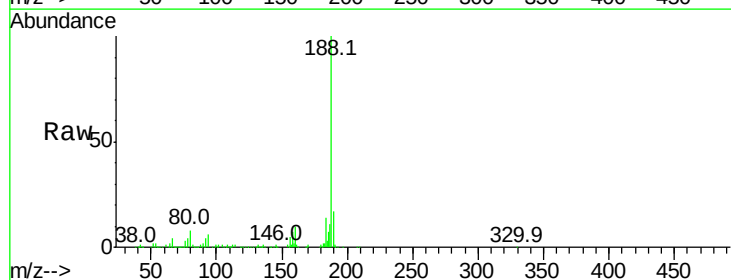
Instrument :
 BNA_G
 ClientSampleId :

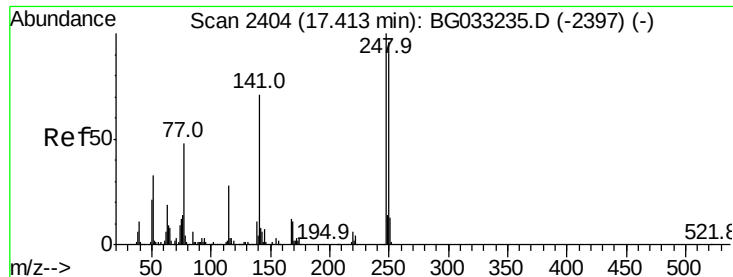
Tot Ion:165 Resp: 15770
 Ion Ratio Lower Upper
 165 100
 63 1.6 42.0 63.0#
 89 3.5 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033499.D
 Acq: 2 Apr 2018 22:31

Tgt Ion:188 Resp: 331517
 Ion Ratio Lower Upper
 188 100
 94 6.2 6.9 10.3#
 80 8.2 7.7 11.5

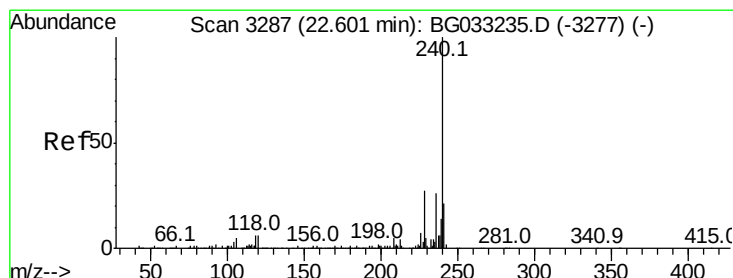
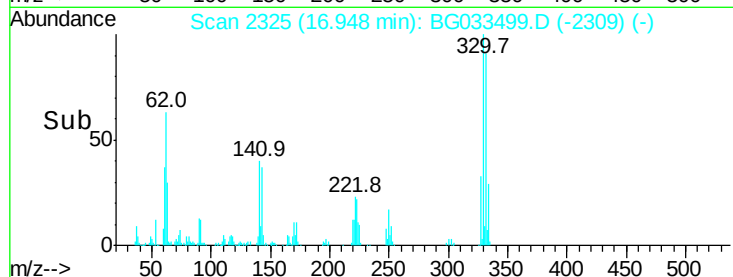
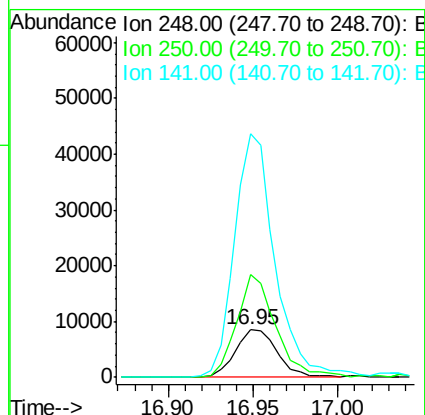
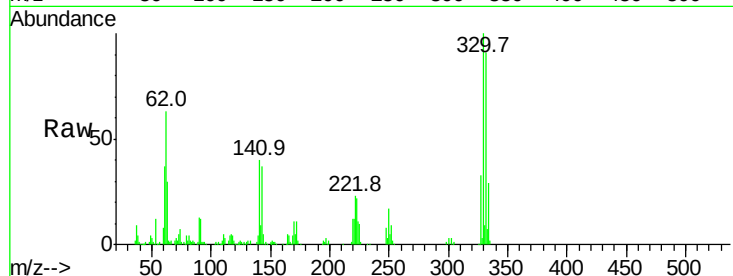




#66
 4-Bromophenyl-phenylether
 Concen: 3.770 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.44 min
 Lab File: BG033499.D
 Acq: 2 Apr 2018 22:31

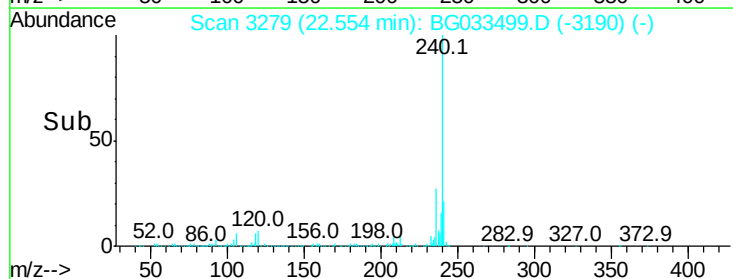
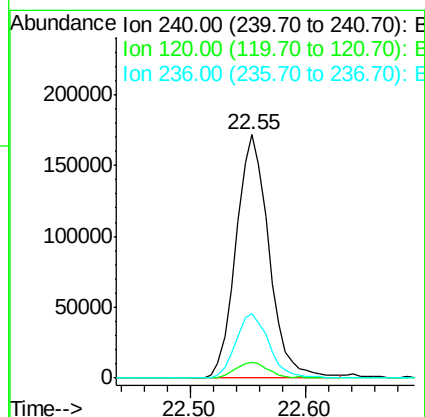
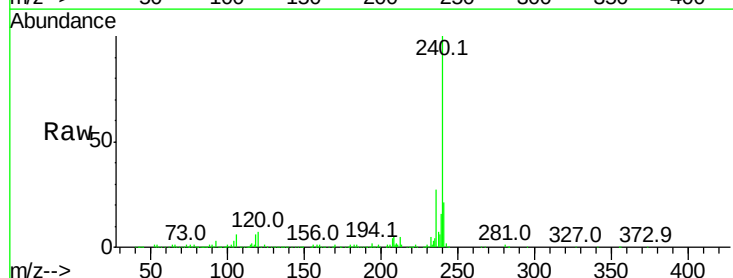
Instrument :
 BNA_G
 ClientSampled :

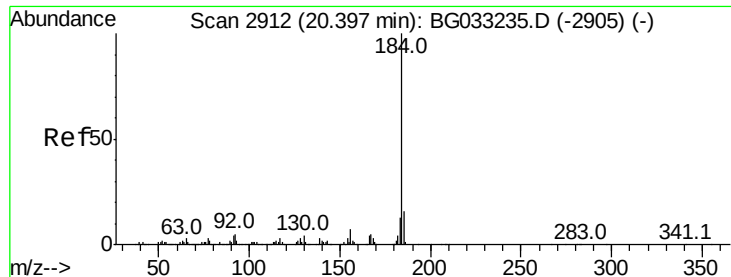
Tot Ion	Ratio	Lower	Upper
248	100		
250	215.6	77.1	115.7#
141	510.8	50.8	76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BG033499.D
 Acq: 2 Apr 2018 22:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.8	10.2#
236	26.6	20.9	31.3





#76

Benzidine

Concen: 2.957 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033499.D

Acq: 2 Apr 2018 22:31

Instrument :

BNA_G

ClientSampleId :

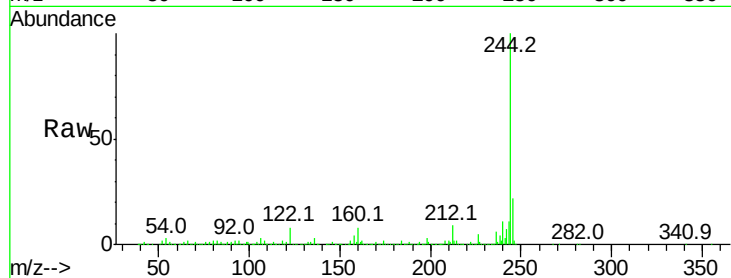
Tot Ion:184 Resp: 27209

Ion Ratio Lower Upper

184 100

185 11.6 11.1 16.7

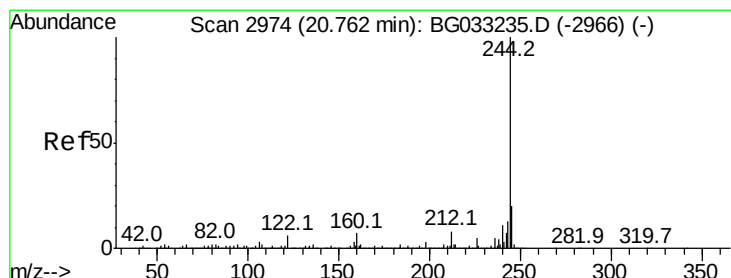
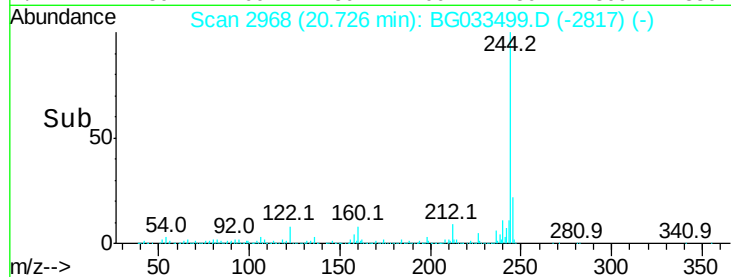
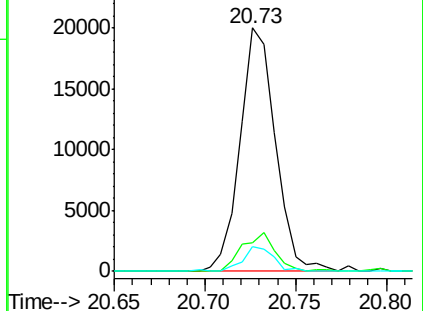
183 10.2 10.6 16.0#



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: 98.816 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033499.D

Acq: 2 Apr 2018 22:31

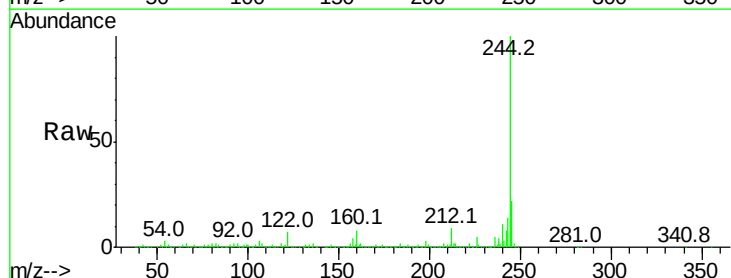
Tgt Ion:244 Resp: 1567602

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

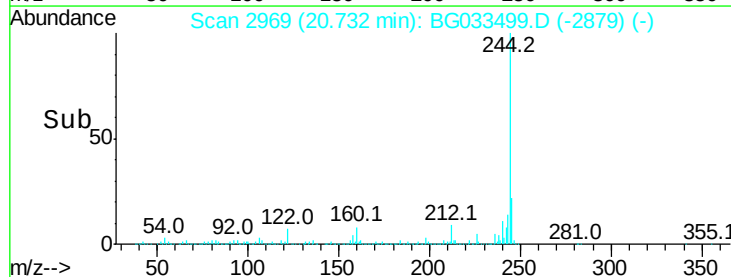
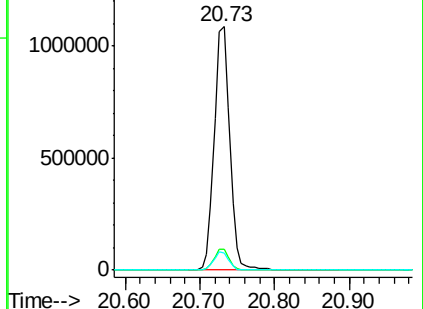
122 7.0 7.0 10.4

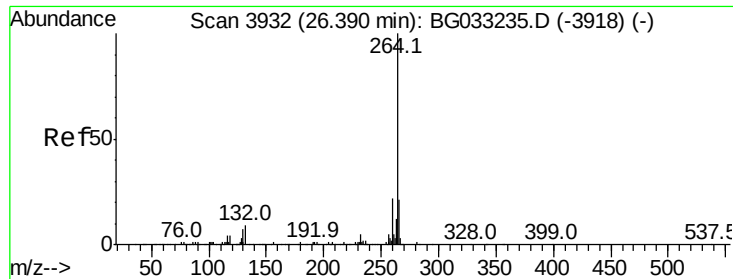


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

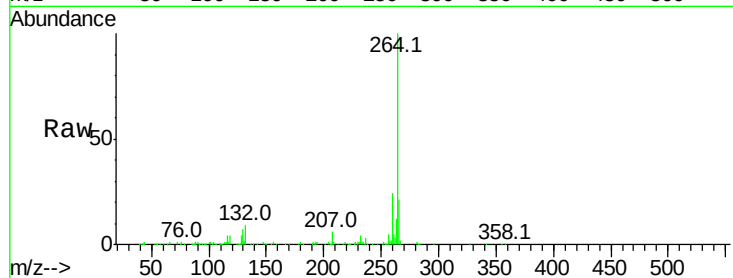




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BG033499.D
Acq: 2 Apr 2018 22:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.0	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

