

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033539.D
 Acq On : 4 Apr 2018 1:21
 Operator : SJ/JU
 Sample : J2131-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 02:33:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

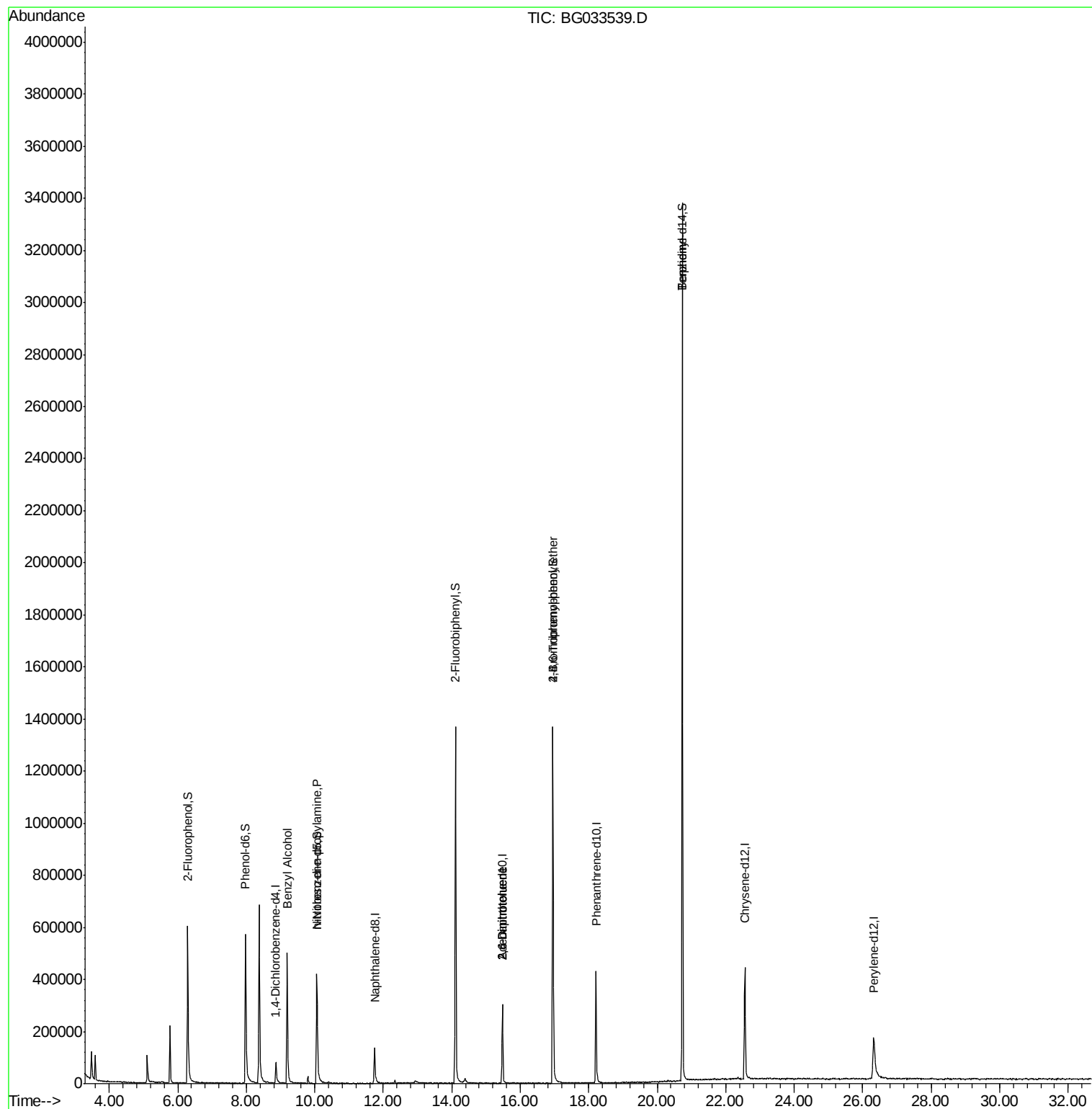
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32698	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	142667	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	112779	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	321387	20.00	ng	0.00
75) Chrysene-d12	22.55	240	330542	20.00	ng	0.00
86) Perylene-d12	26.32	264	295115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	290061	166.34	ng	0.00
7) Phenol-d6	7.98	99	416800	139.11	ng	0.00
23) Nitrobenzene-d5	10.06	82	335642	108.09	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	275914	163.58	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	790835	101.23	ng	0.00
78) Terphenyl-d14	20.73	244	1660763	107.45	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5939	2.518	ng	# 63
19) n-Nitroso-di-n-propylamine	10.06	70	46242	21.062	ng	# 86
50) 2,6-Dinitrotoluene	15.48	165	14222	7.087	ng	# 22
56) 2,4-Dinitrotoluene	15.48	165	14221	4.813	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	21354	5.658	ng	# 1
76) Benzidine	20.73	184	29388	3.279	ng	# 91

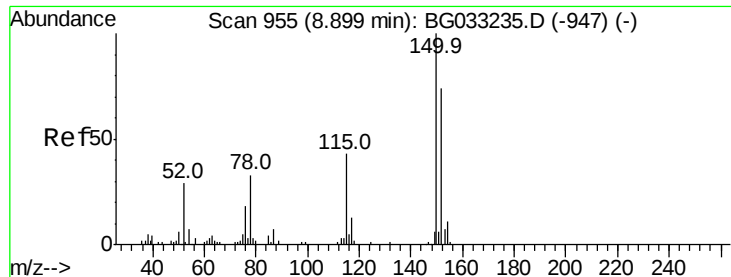
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033539.D
Acq On : 4 Apr 2018 1:21
Operator : SJ/JU
Sample : J2131-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 04 02:33:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 14:50:26 2018
Response via : Initial Calibration



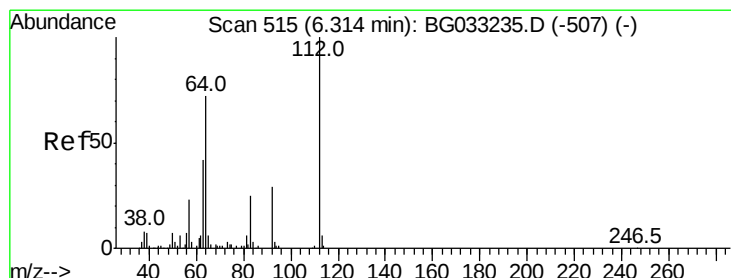
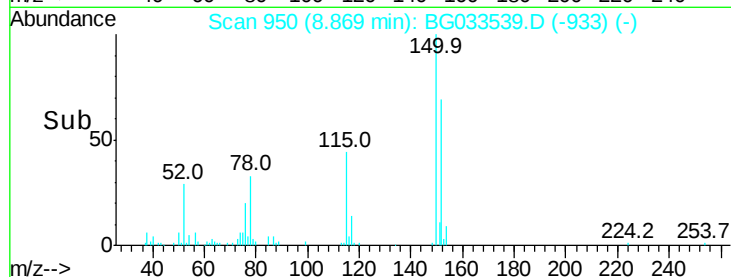
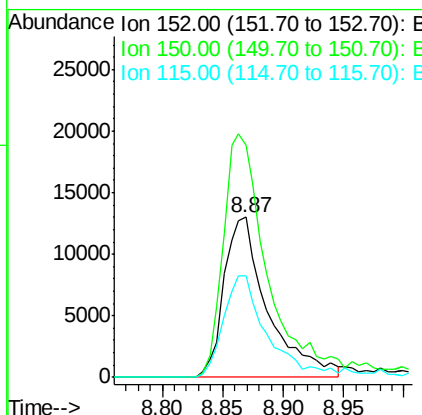
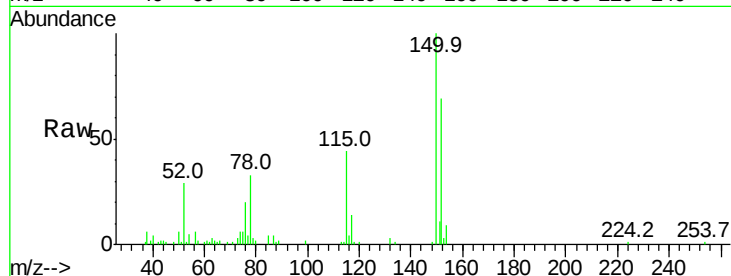


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG033539.D
Acq: 4 Apr 2018 1:21

Instrument :
BNA_G
ClientSampleId :

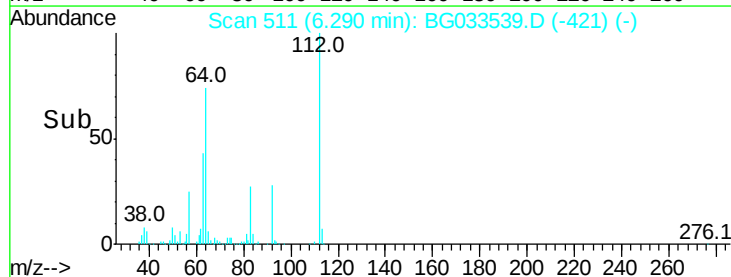
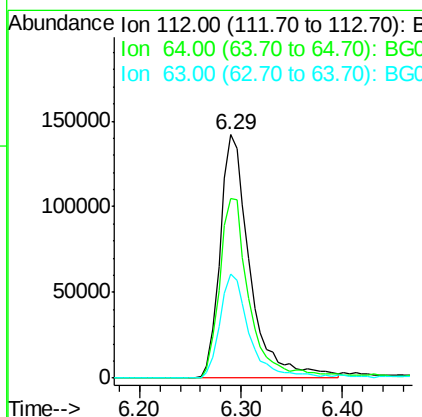
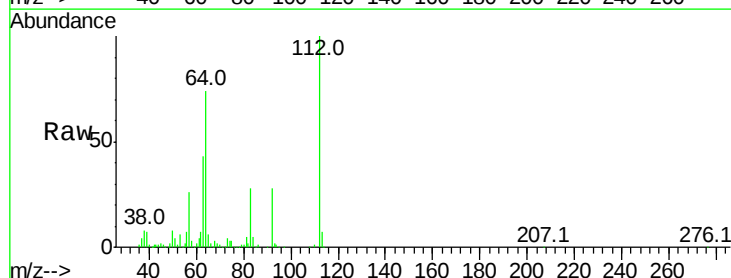
Tot Ion:152 Resp: 32698
Ion Ratio Lower Upper
152 100
150 144.8 126.6 189.8
115 63.7 53.0 79.4

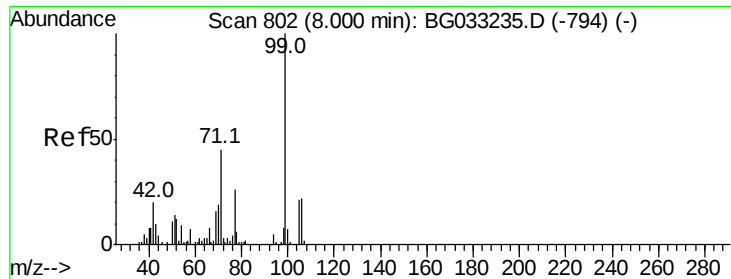


#5

2-Fluorophenol
Concen: 166.340 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033539.D
Acq: 4 Apr 2018 1:21

Tgt Ion:112 Resp: 290061
Ion Ratio Lower Upper
112 100
64 73.8 56.3 84.5
63 43.0 30.1 45.1





#7

Phenol-d6

Concen: 139.111 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033539.D

Acq: 4 Apr 2018 1:21

Instrument :

BNA_G

ClientSampled :

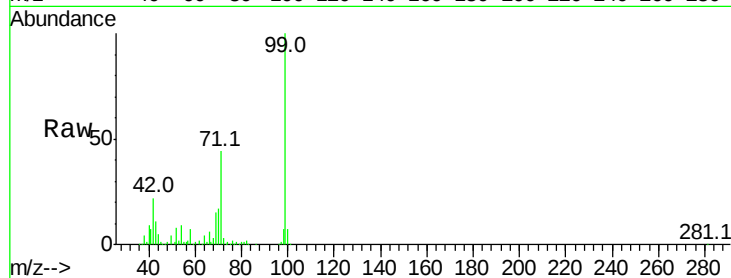
Tot Ion: 99 Resp: 416800

Ion Ratio Lower Upper

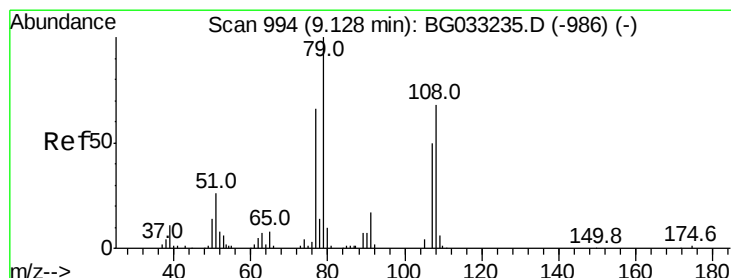
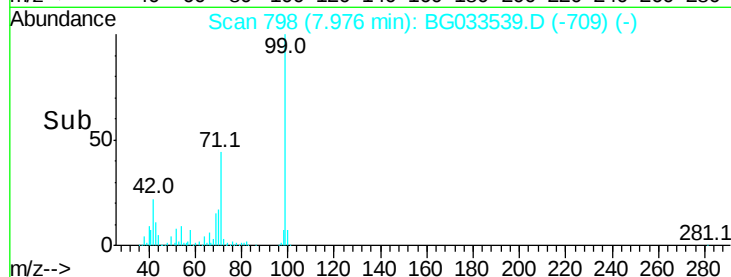
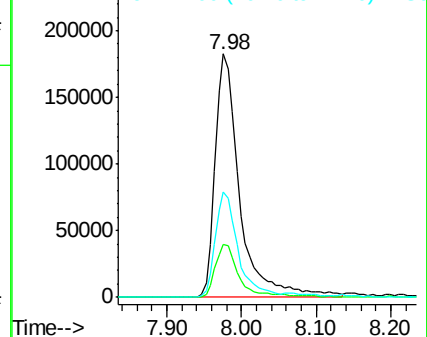
99 100

42 21.6 14.1 21.1#

71 43.5 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: 2.518 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033539.D

Acq: 4 Apr 2018 1:21

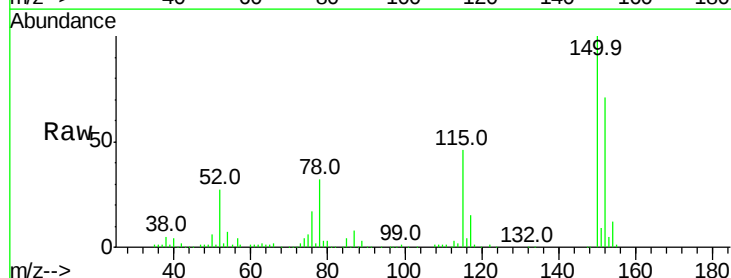
Tgt Ion: 79 Resp: 5939

Ion Ratio Lower Upper

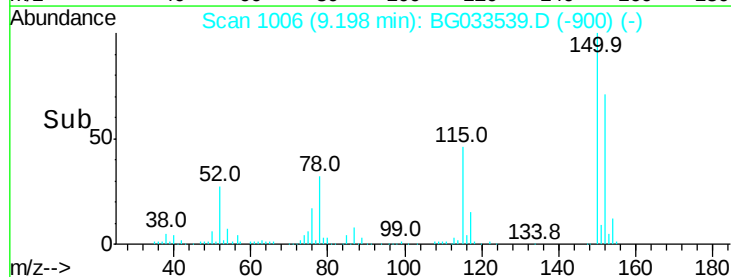
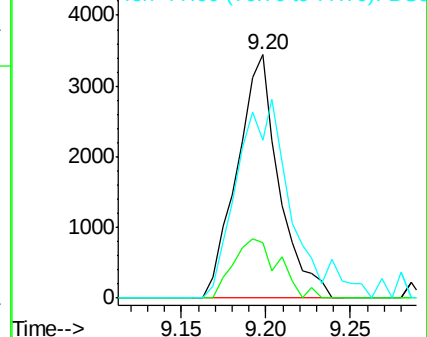
79 100

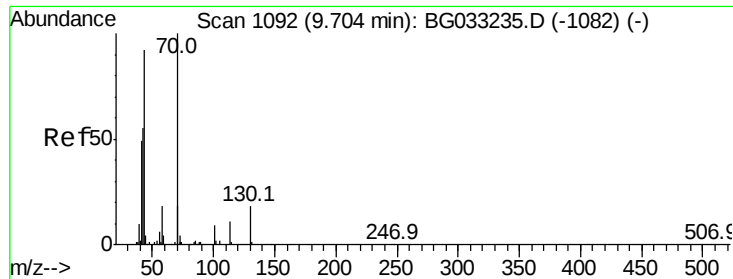
108 22.8 57.2 85.8#

77 65.1 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

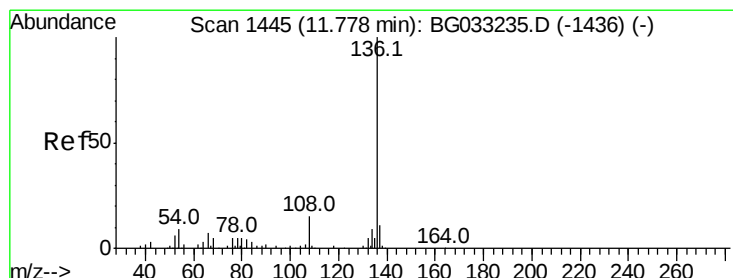
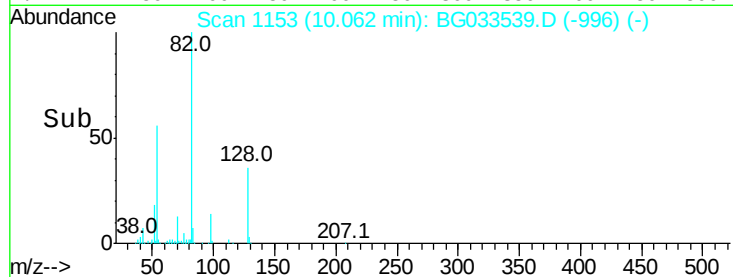
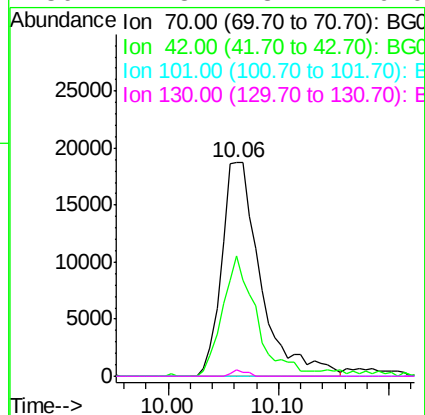
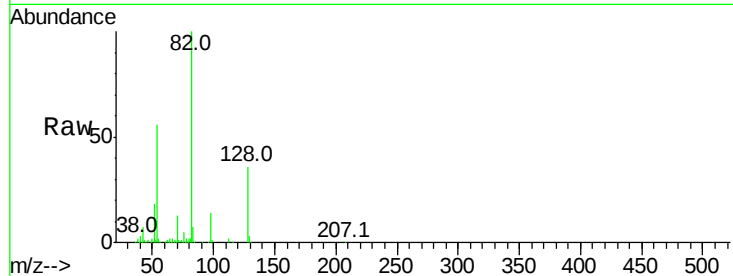




#19
n-Nitroso-di-n-propylamine
Concen: 21.062 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033539.D
Acq: 4 Apr 2018 1:21

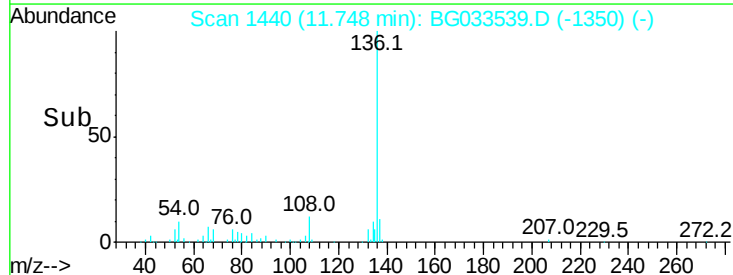
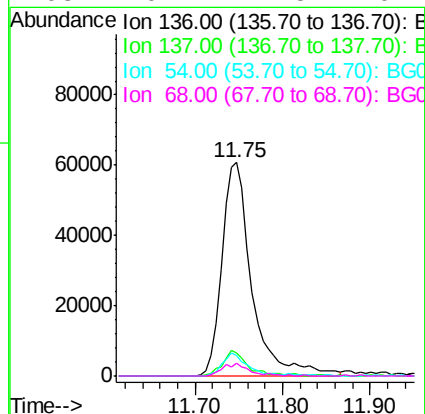
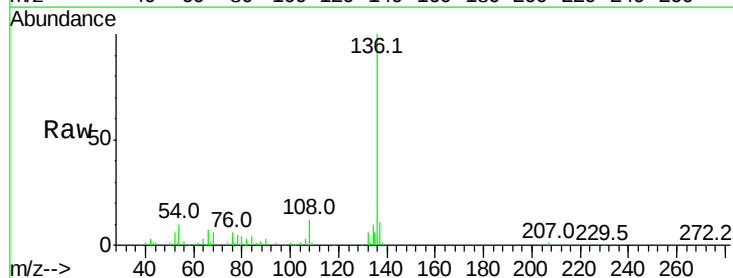
Instrument :
BNA_G
ClientSampled :

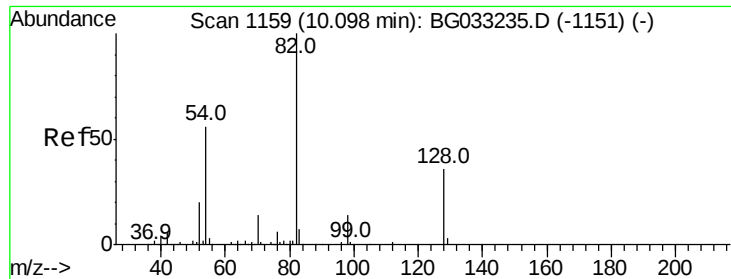
Tot Ion: 70 Resp: 46242
Ion Ratio Lower Upper
70 100
42 56.6 49.1 73.7
101 0.0 8.5 12.7#
130 2.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033539.D
Acq: 4 Apr 2018 1:21

Tgt Ion: 136 Resp: 142667
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 9.9 10.3 15.5#
68 6.2 4.5 6.7

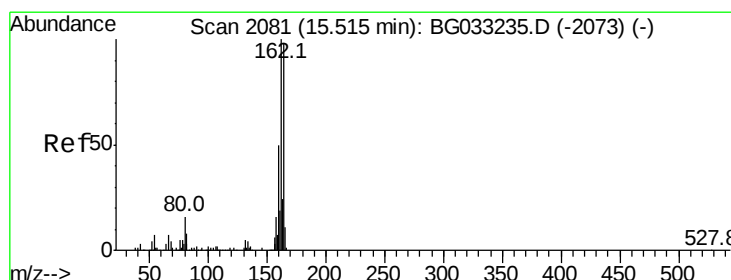
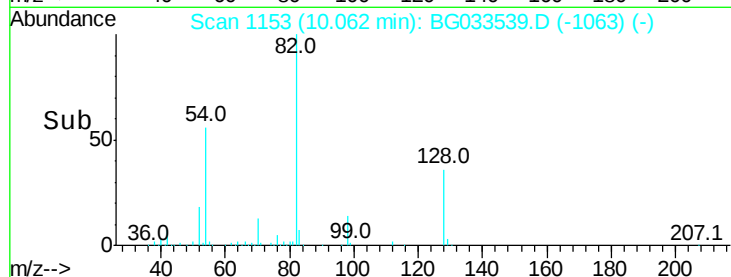
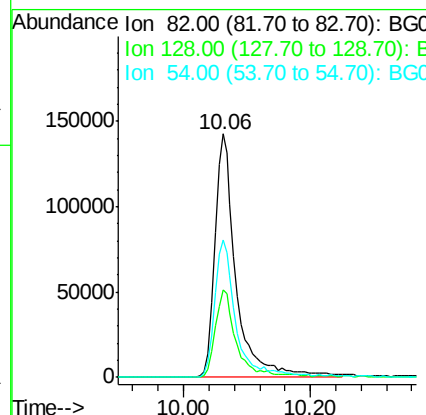
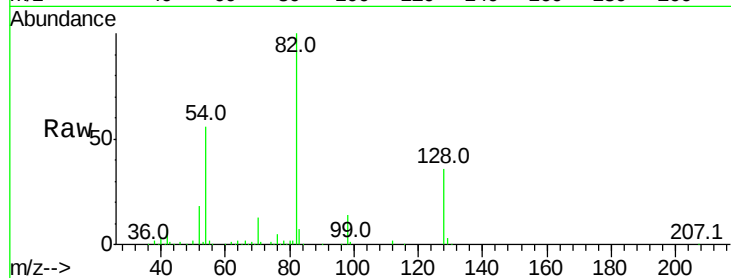




#23
 Nitrobenzene-d5
 Concen: 108.089 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033539.D
 Acq: 4 Apr 2018 1:21

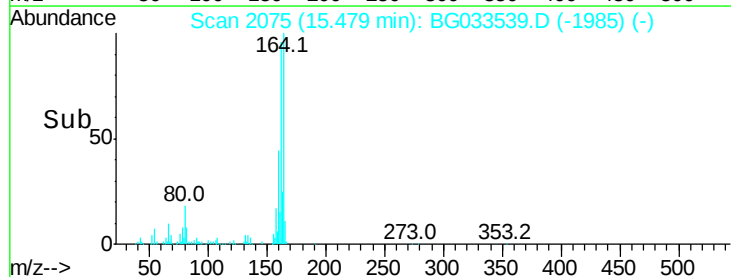
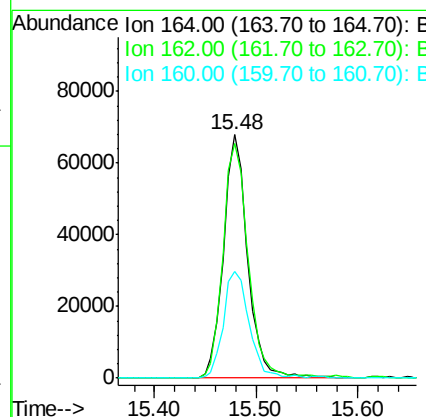
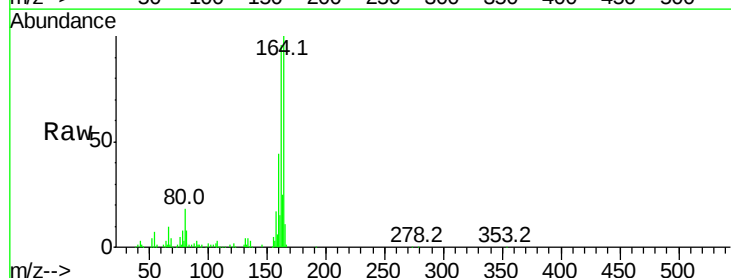
Instrument :
 BNA_G
 ClientSampleId :

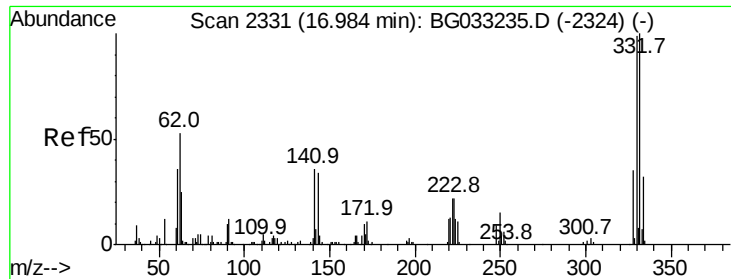
Tot Ion: 82 Resp: 335642
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.7 44.5
 54 56.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033539.D
 Acq: 4 Apr 2018 1:21

Tgt Ion: 164 Resp: 112779
 Ion Ratio Lower Upper
 164 100
 162 96.5 78.8 118.2
 160 43.7 35.4 53.0

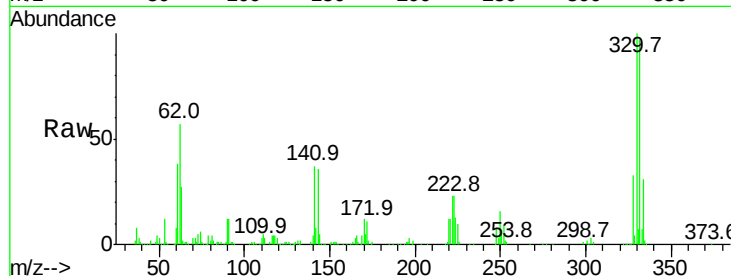




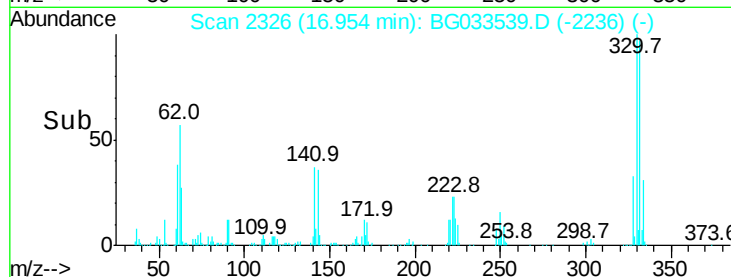
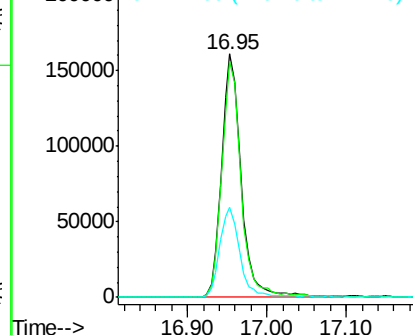
#41
 2,4,6-Tribromophenol
 Concen: 163.578 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033539.D
 Acq: 4 Apr 2018 1:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 275914
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 37.9 25.2 37.8#

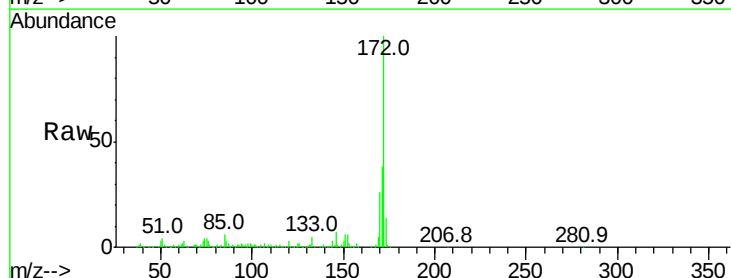


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

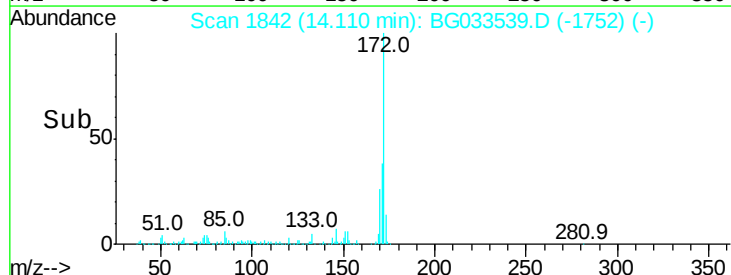
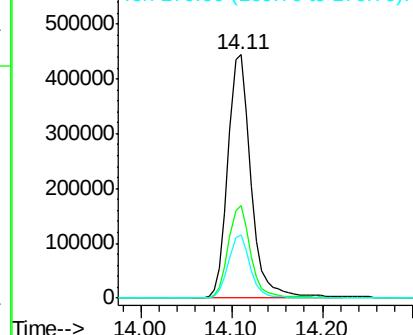


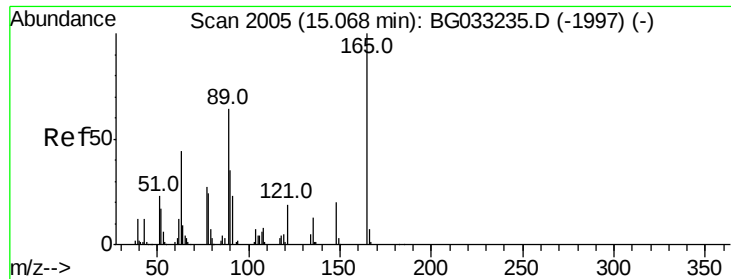
#44
 2-Fluorobiphenyl
 Concen: 101.231 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033539.D
 Acq: 4 Apr 2018 1:21

Tgt Ion:172 Resp: 790835
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 26.1 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

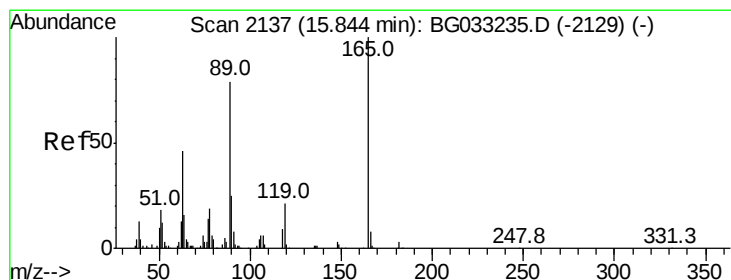
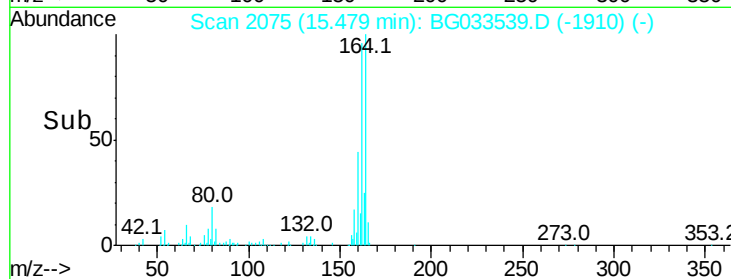
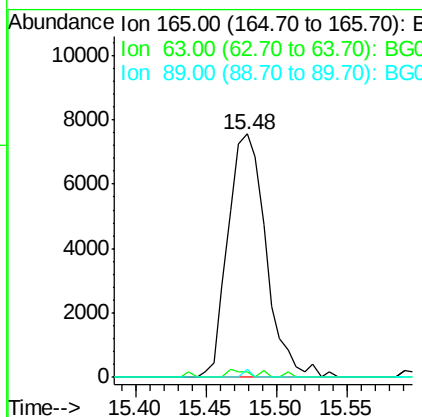
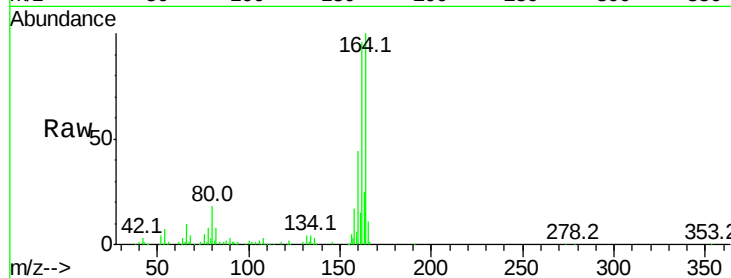




#50
2,6-Dinitrotoluene
Concen: 7.087 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.44 min
Lab File: BG033539.D
Acq: 4 Apr 2018 1:21

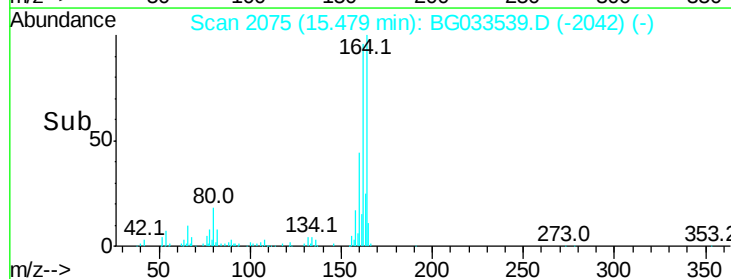
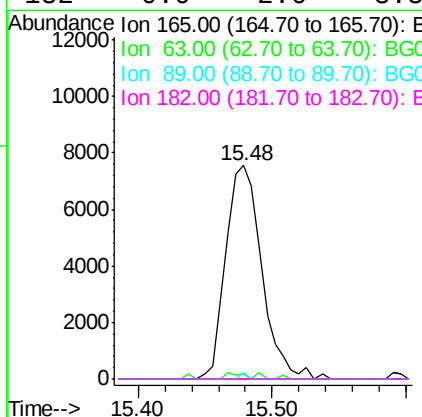
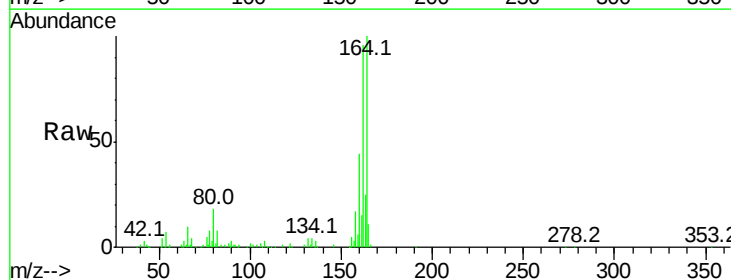
Instrument :
BNA_G
ClientSampleId :

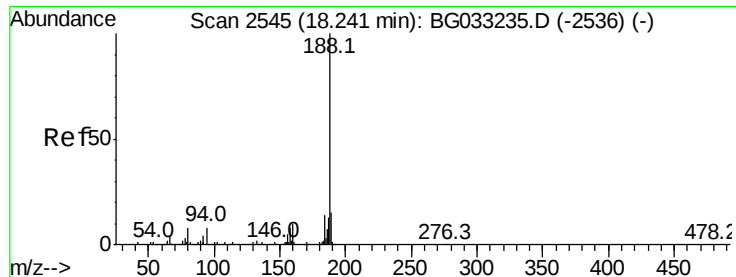
Tot Ion:165 Resp: 14222
Ion Ratio Lower Upper
165 100
63 2.4 52.7 79.1#
89 3.1 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 4.813 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033539.D
Acq: 4 Apr 2018 1:21

Tgt Ion:165 Resp: 14221
Ion Ratio Lower Upper
165 100
63 2.4 42.0 63.0#
89 3.1 66.9 100.3#
182 0.0 2.6 3.8#

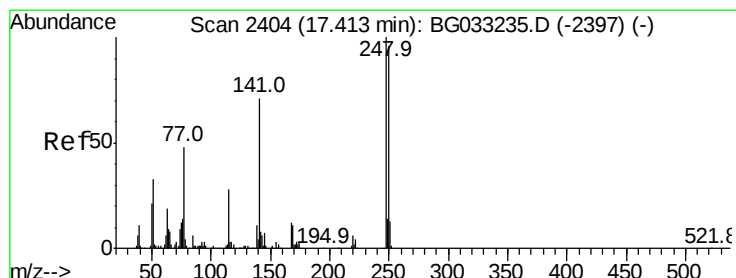
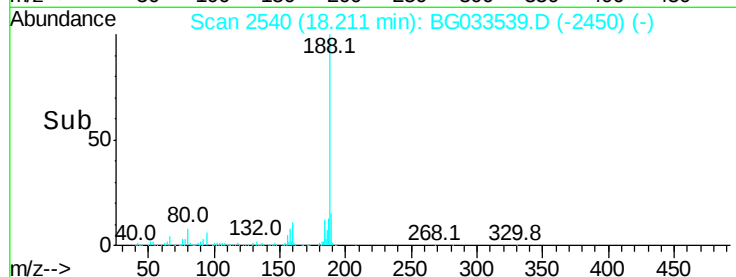
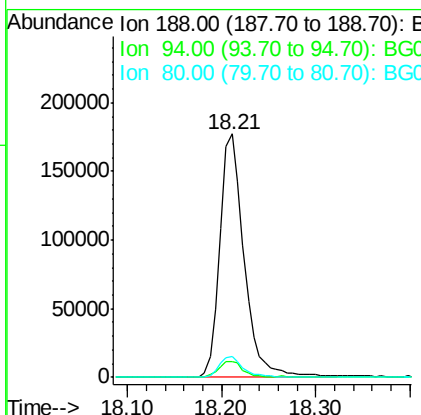
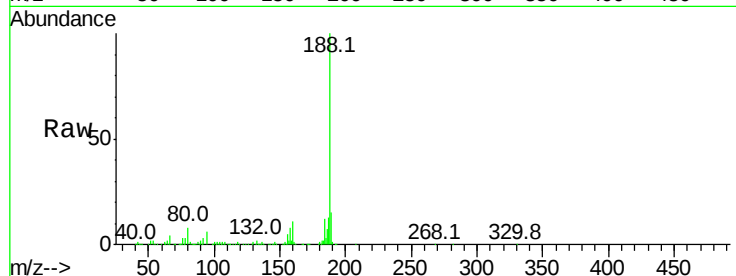




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033539.D
Acq: 4 Apr 2018 1:21

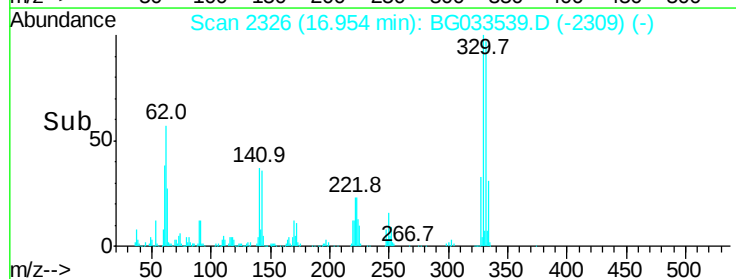
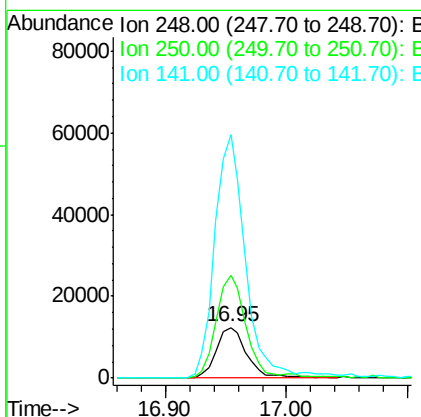
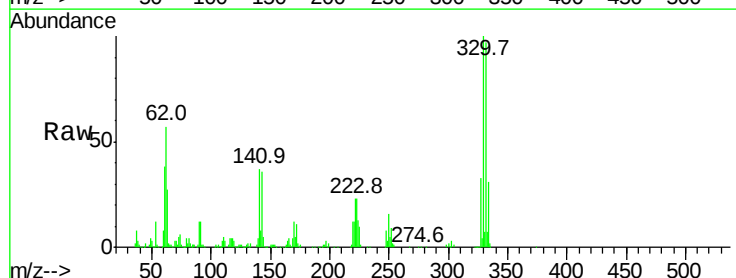
Instrument :
BNA_G
ClientSampleId :

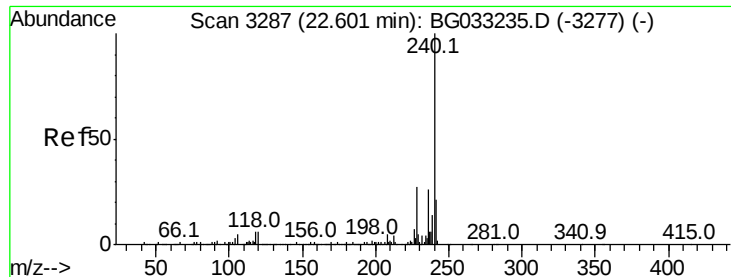
Tot Ion:188 Resp: 321387
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 8.3 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 5.658 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033539.D
Acq: 4 Apr 2018 1:21

Tgt Ion:248 Resp: 21354
Ion Ratio Lower Upper
248 100
250 203.9 77.1 115.7#
141 483.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033539.D

Acq: 4 Apr 2018 1:21

Instrument :

BNA_G

ClientSampleId :

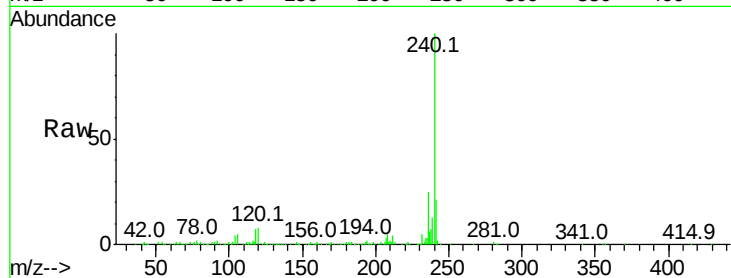
Tot Ion:240 Resp: 330542

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

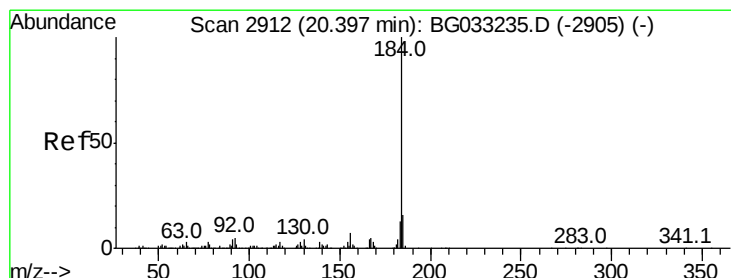
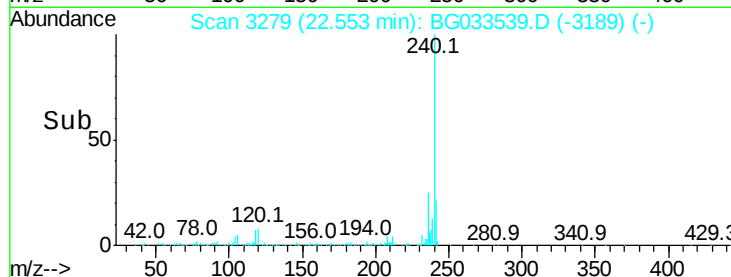
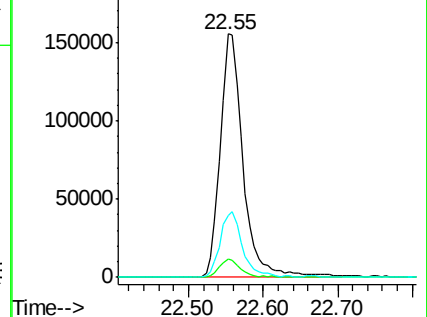
236 25.5 20.9 31.3



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: 3.279 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033539.D

Acq: 4 Apr 2018 1:21

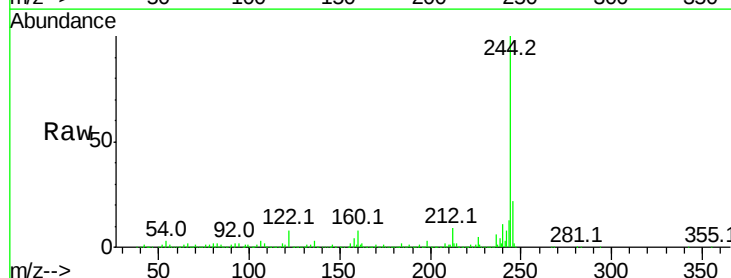
Tgt Ion:184 Resp: 29388

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

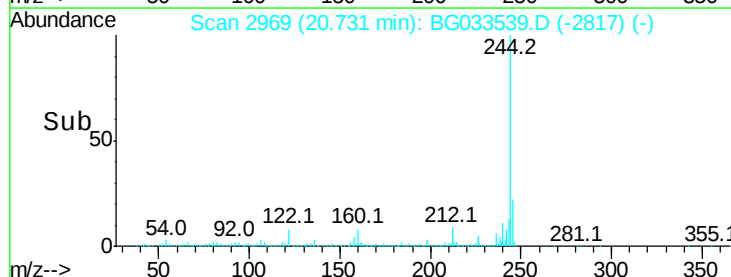
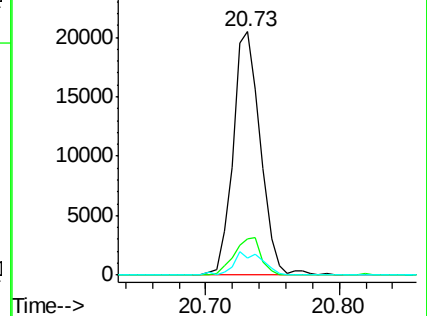
183 7.1 10.6 16.0#

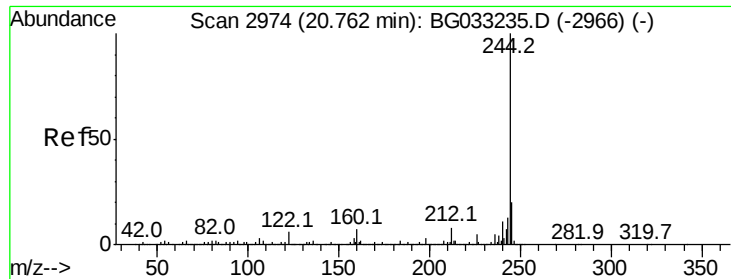


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



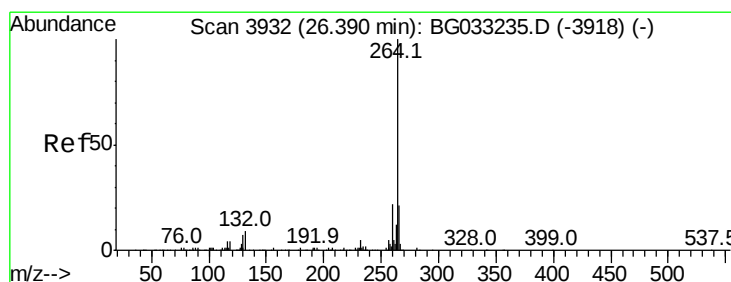
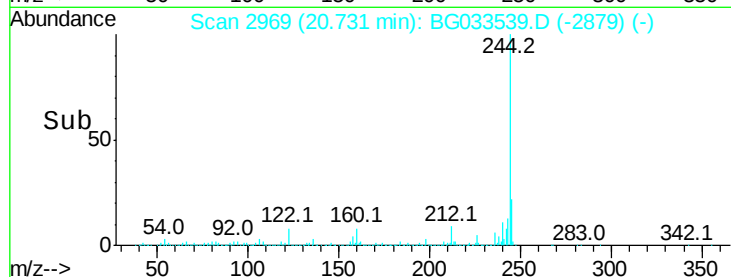
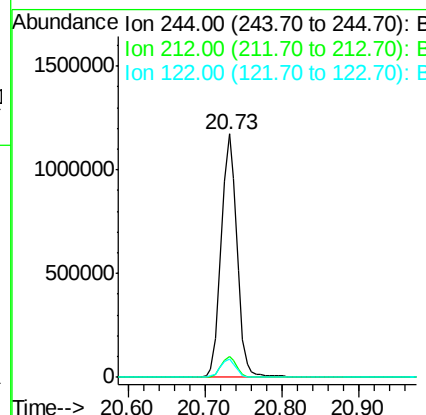
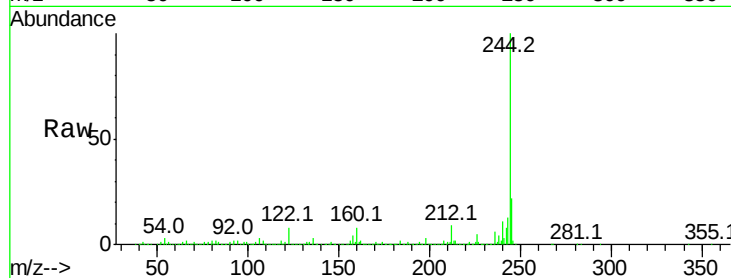


#78
 Terphenyl-d14
 Concen: 107.451 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG033539.D
 Acq: 4 Apr 2018 1:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1660763

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.6	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.00 min
 Lab File: BG033539.D
 Acq: 4 Apr 2018 1:21

Tgt Ion:264 Resp: 295115

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.6	17.7	26.5

