

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033322.D
 Acq On : 23 Mar 2018 12:51
 Operator : SJ/JU
 Sample : J1978-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 14:34:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

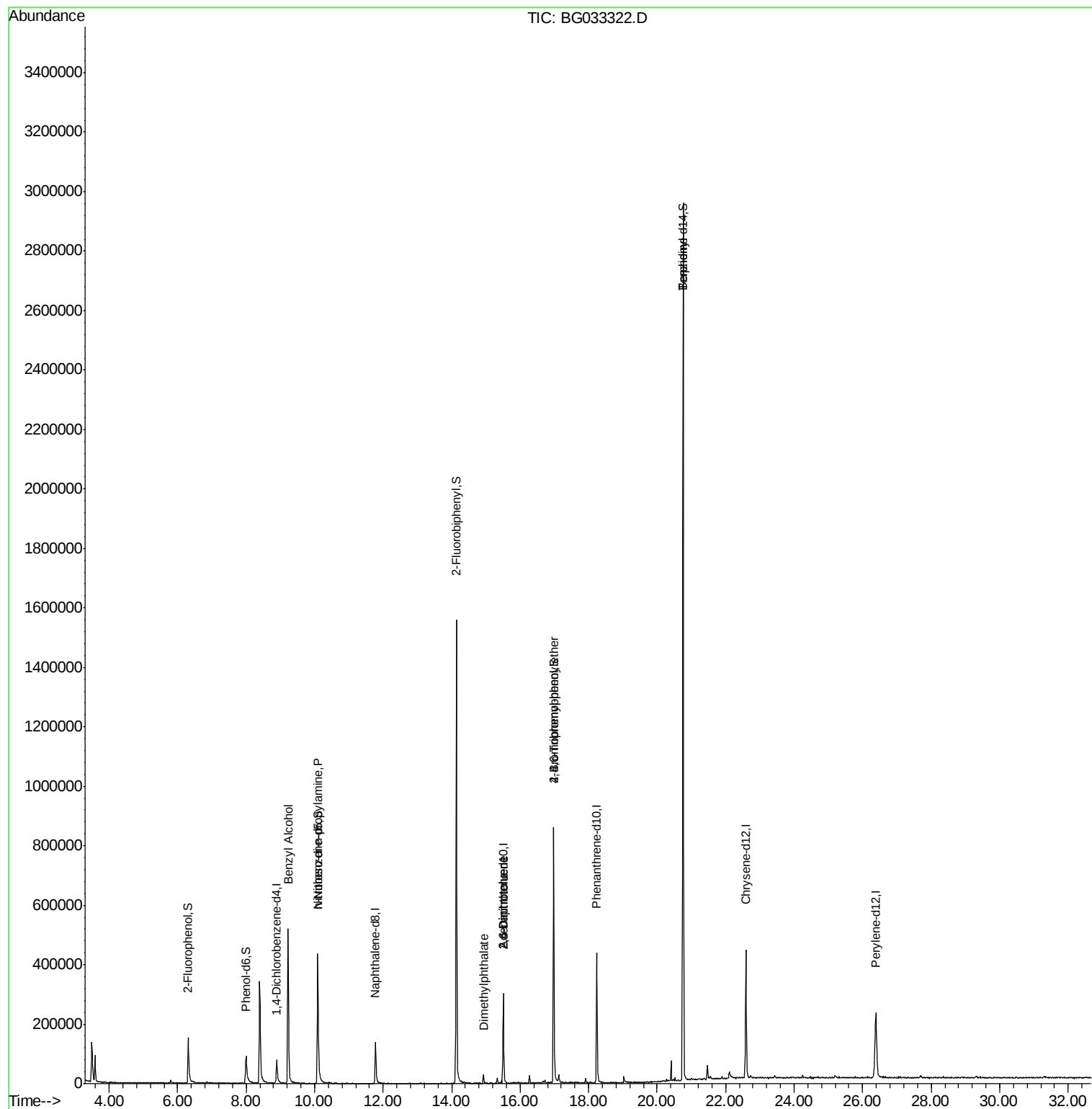
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	30800	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	139328	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	114895	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	318742	20.00	ng	0.00
75) Chrysene-d12	22.59	240	314919	20.00	ng	0.00
86) Perylene-d12	26.39	264	317483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	90951	55.37	ng	0.00
7) Phenol-d6	8.00	99	84678	30.00	ng	0.00
23) Nitrobenzene-d5	10.09	82	345982	114.09	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	184441	107.33	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	886467	111.38	ng	0.00
78) Terphenyl-d14	20.76	244	1497325	101.68	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.23	79	5883	2.648	ng	# 39
19) n-Nitroso-di-n-propylamine	10.09	70	46687	22.575	ng	# 82
49) Dimethylphthalate	14.93	163	20784	2.079	ng	# 95
50) 2,6-Dinitrotoluene	15.50	165	15267	7.467	ng	# 18
56) 2,4-Dinitrotoluene	15.50	165	15267	5.072	ng	# 16
66) 4-Bromophenyl-phenylether	16.98	248	13580	3.628	ng	# 1
76) Benizidine	20.76	184	23489	2.750	ng	# 92

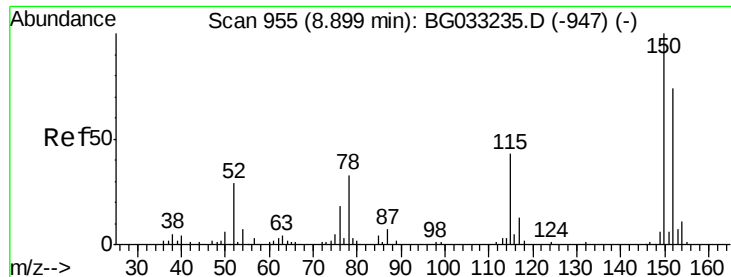
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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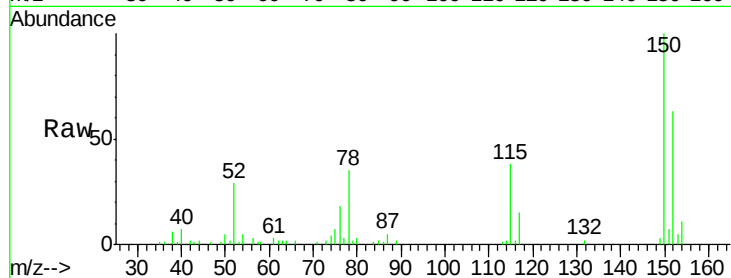


#1

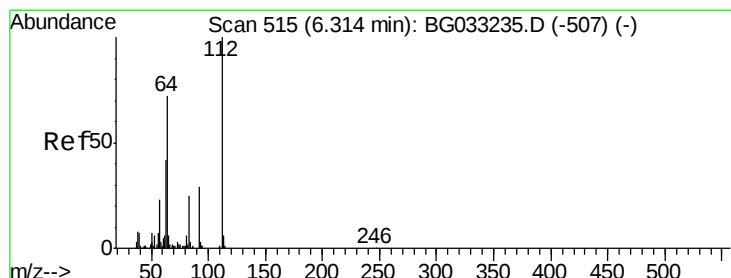
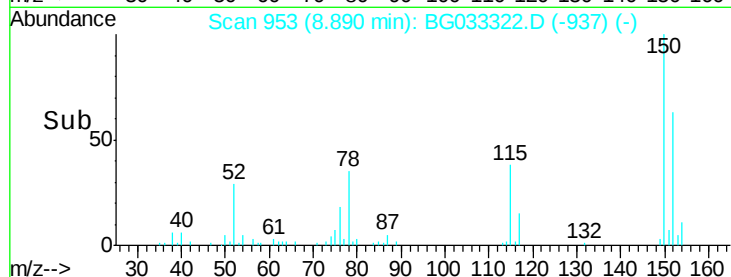
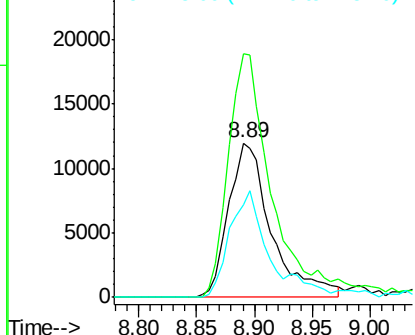
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033322.D
Acq: 23 Mar 2018 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30800
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 60.3 53.0 79.4



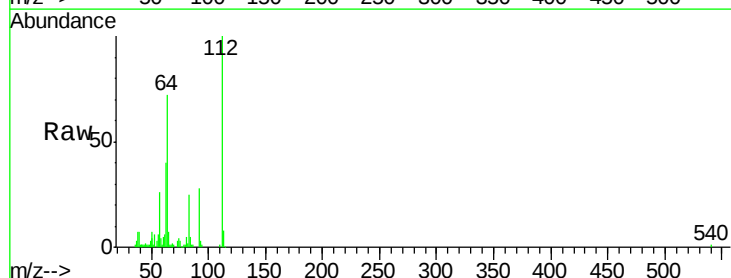
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



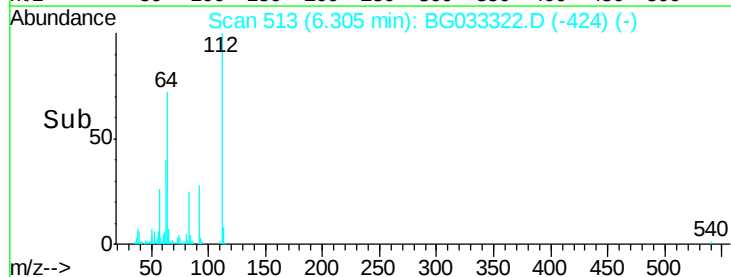
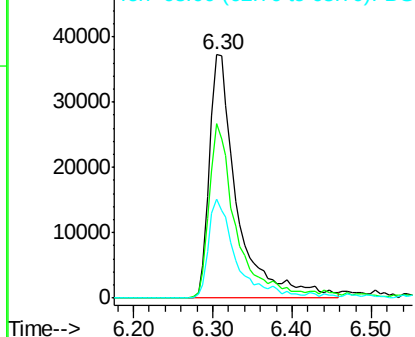
#5

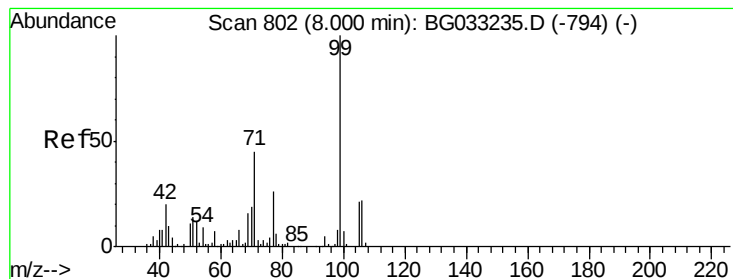
2-Fluorophenol
Concen: 55.371 ng
RT: 6.30 min Scan# 513
Delta R.T. -0.01 min
Lab File: BG033322.D
Acq: 23 Mar 2018 12:51

Tgt Ion:112 Resp: 90951
Ion Ratio Lower Upper
112 100
64 71.7 56.3 84.5
63 40.5 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: 30.004 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033322.D

Acq: 23 Mar 2018 12:51

Instrument :

BNA_G

ClientSampleId :

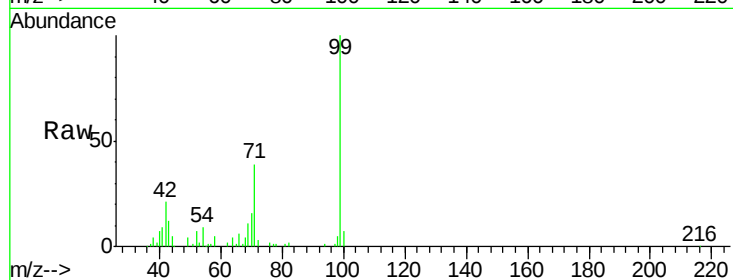
Tot Ion: 99 Resp: 84678

Ion Ratio Lower Upper

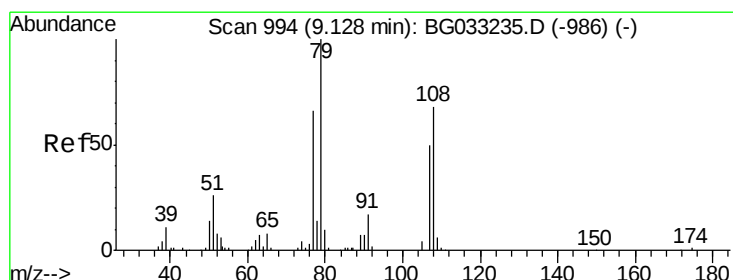
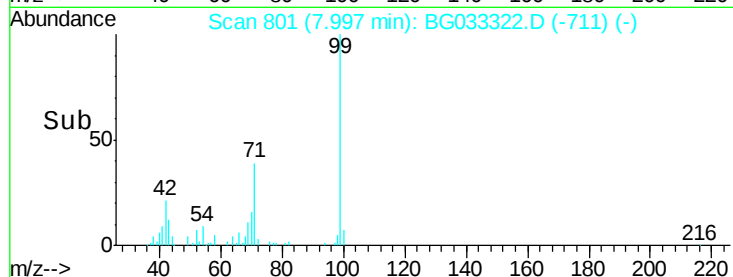
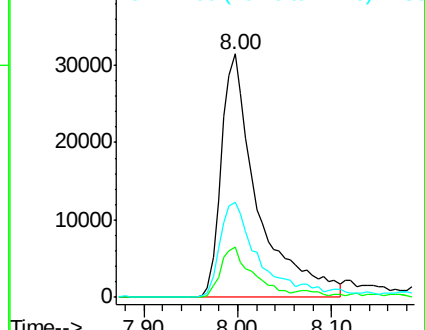
99 100

42 20.5 14.1 21.1

71 39.2 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: 2.648 ng

RT: 9.23 min Scan# 1010

Delta R.T. 0.10 min

Lab File: BG033322.D

Acq: 23 Mar 2018 12:51

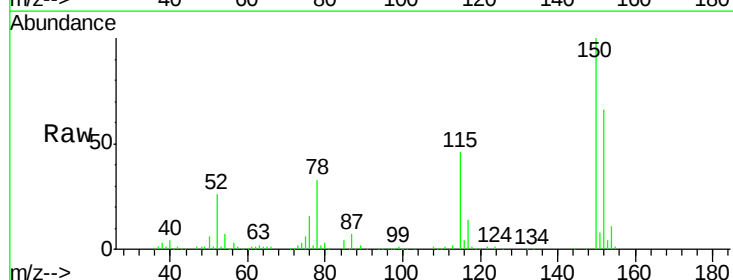
Tgt Ion: 79 Resp: 5883

Ion Ratio Lower Upper

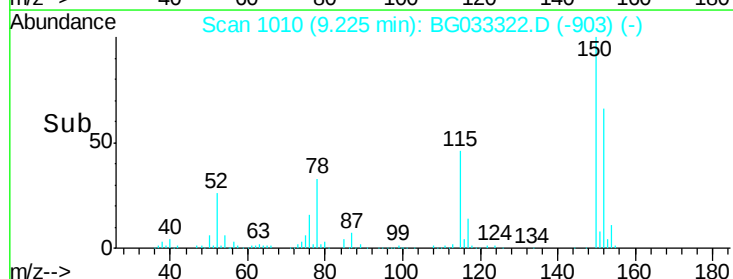
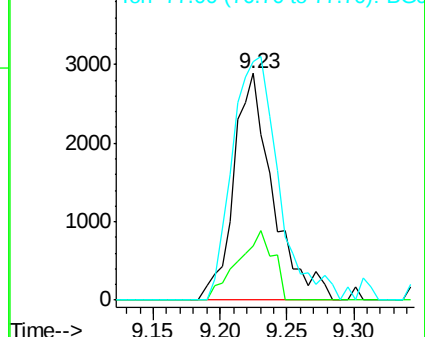
79 100

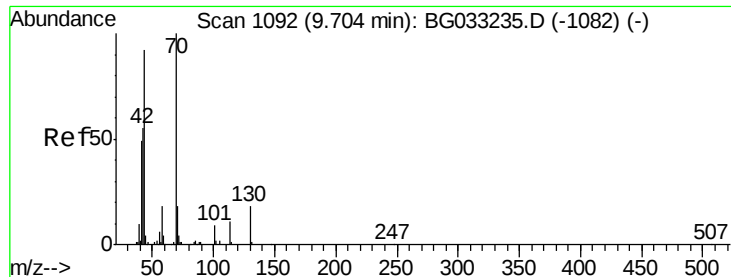
108 23.6 57.2 85.8#

77 105.4 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

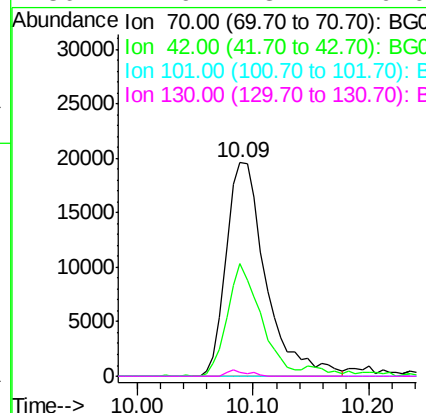
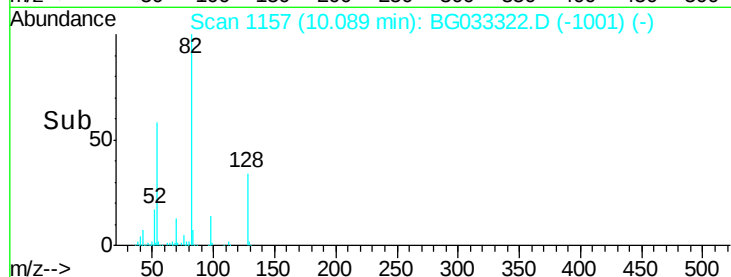
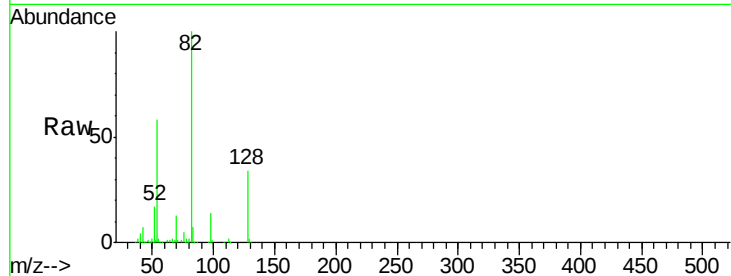




#19
n-Nitroso-di-n-propylamine
Concen: 22.575 ng
RT: 10.09 min Scan# 1157
Delta R.T. 0.39 min
Lab File: BG033322.D
Acq: 23 Mar 2018 12:51

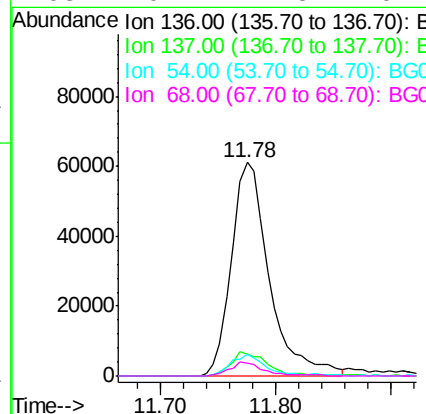
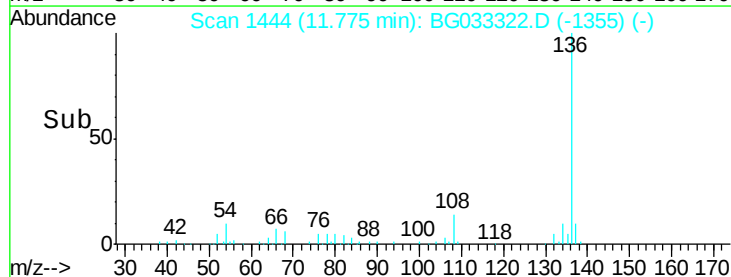
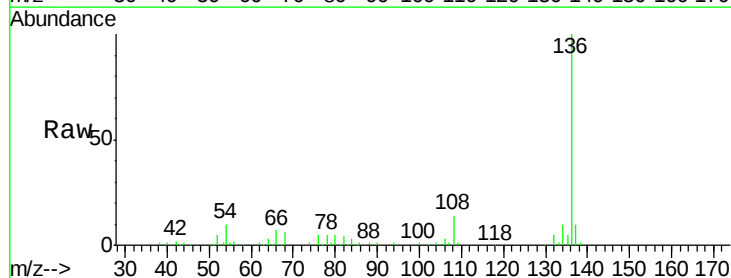
Instrument :
BNA_G
ClientSampleId :

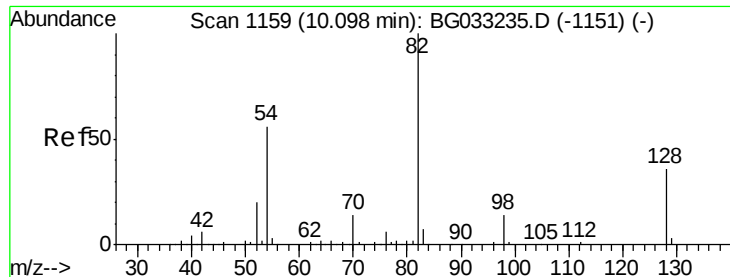
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.6	49.1	73.7
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033322.D
Acq: 23 Mar 2018 12:51

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	10.4	10.3	15.5
68	6.1	4.5	6.7

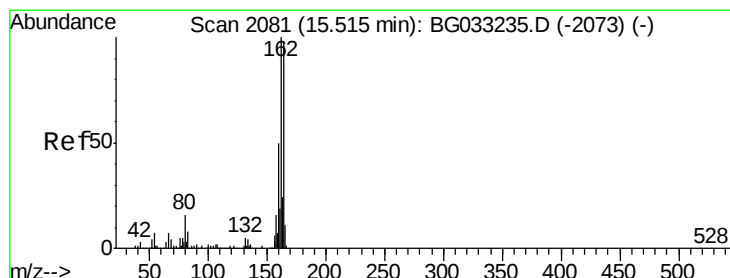
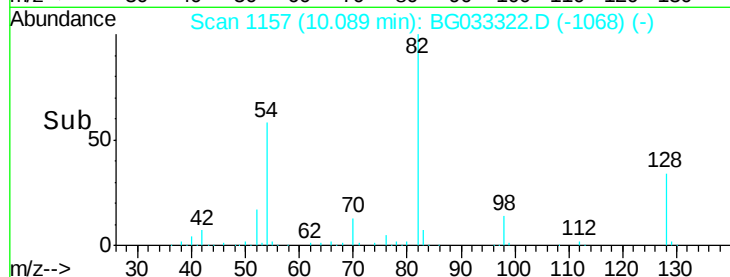
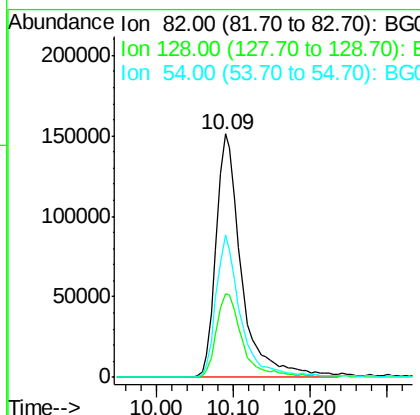
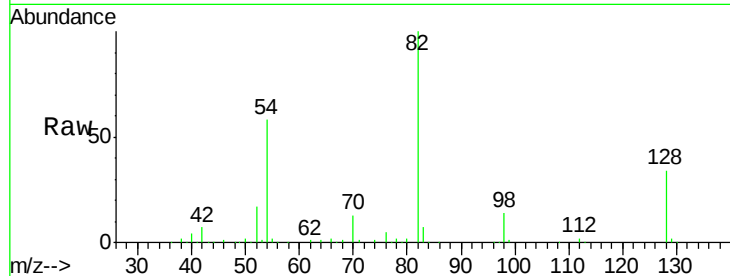




#23
Nitrobenzene-d5
Concen: 114.089 ng
RT: 10.09 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG033322.D
Acq: 23 Mar 2018 12:51

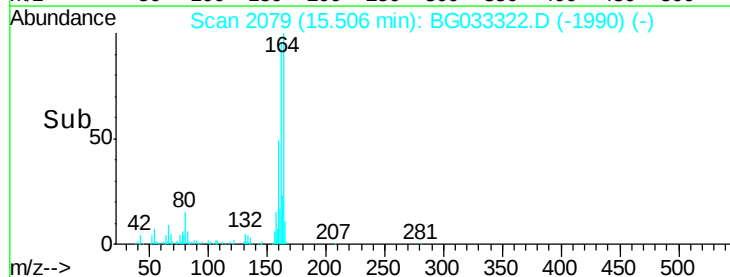
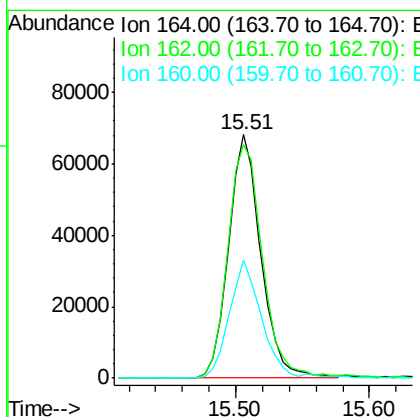
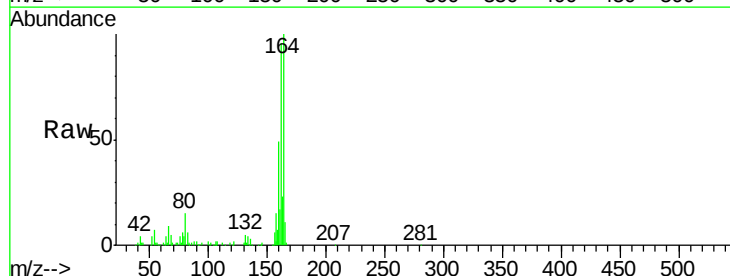
Instrument :
BNA_G
ClientSampleId :

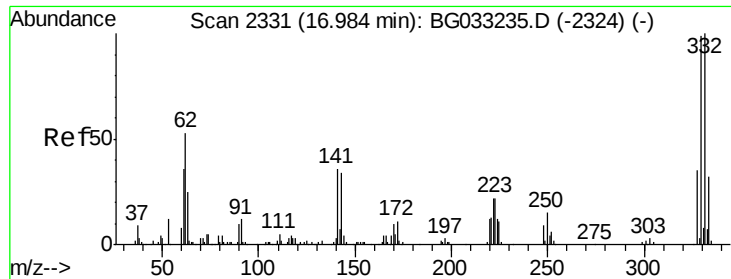
Tot Ion	82	Resp	345982
Ion Ratio	Lower	Upper	
82	100		
128	34.4	29.7	44.5
54	58.3	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG033322.D
Acq: 23 Mar 2018 12:51

Tgt Ion	164	Resp	114895
Ion Ratio	Lower	Upper	
164	100		
162	96.1	78.8	118.2
160	48.6	35.4	53.0

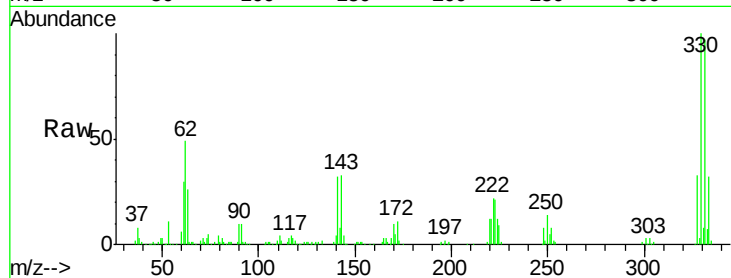




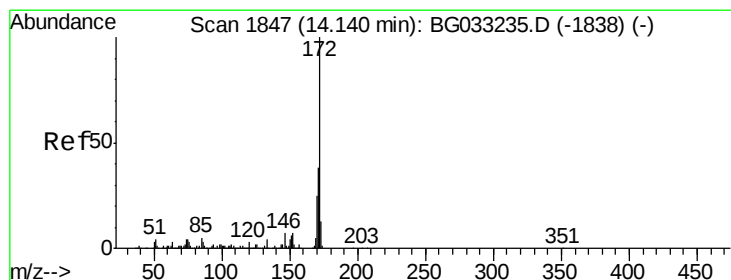
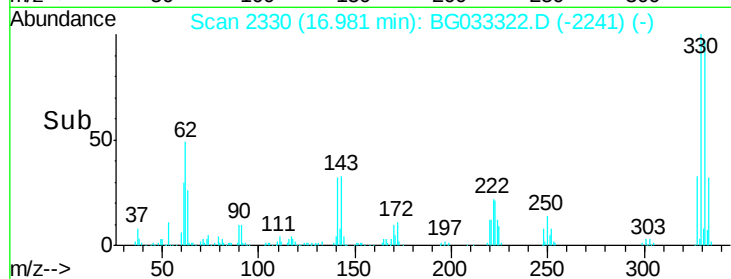
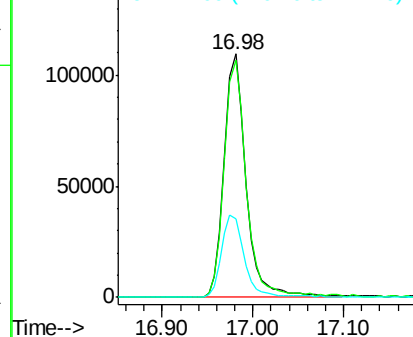
#41
 2,4,6-Tribromophenol
 Concen: 107.334 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG033322.D
 Acq: 23 Mar 2018 12:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	35.2	25.2	37.8

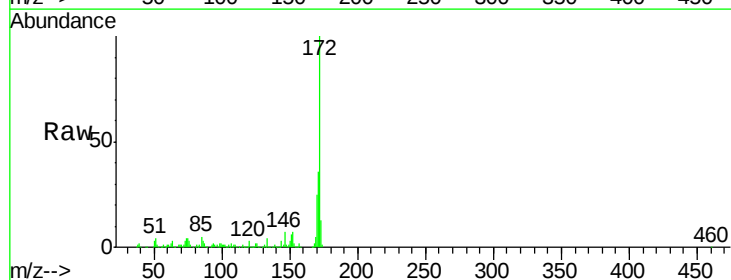


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

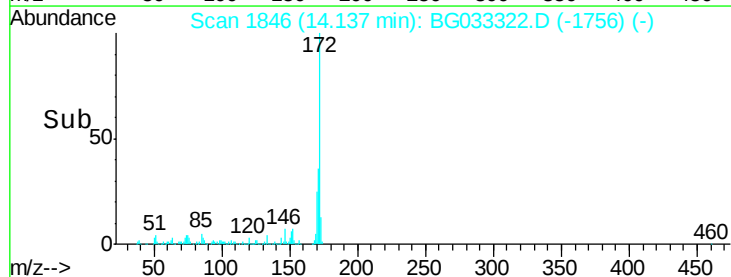
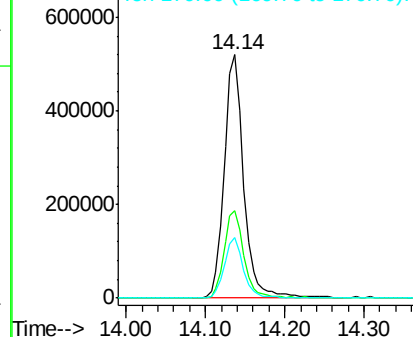


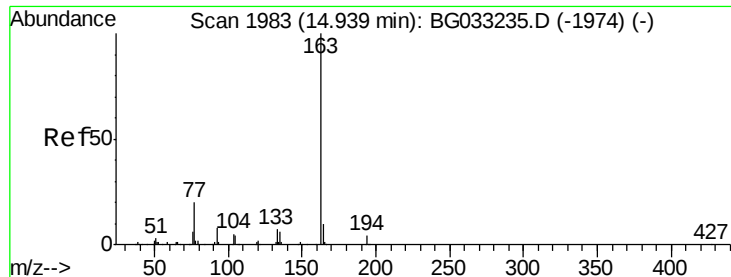
#44
 2-Fluorobiphenyl
 Concen: 111.383 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033322.D
 Acq: 23 Mar 2018 12:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	24.9	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: 2.079 ng

RT: 14.93 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG033322.D

Acq: 23 Mar 2018 12:51

Instrument :

BNA_G

ClientSampleId :

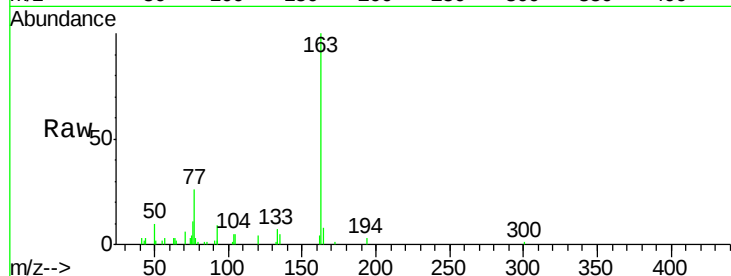
Tot Ion:163 Resp: 20784

Ion Ratio Lower Upper

163 100

194 3.3 3.4 5.2#

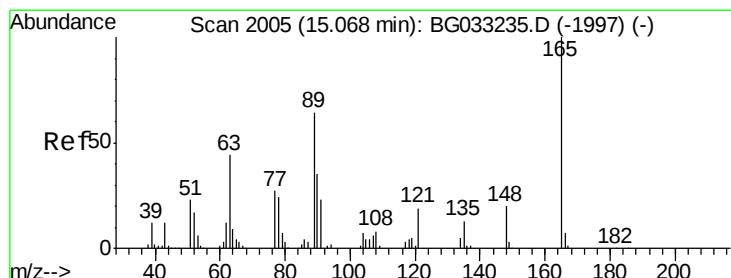
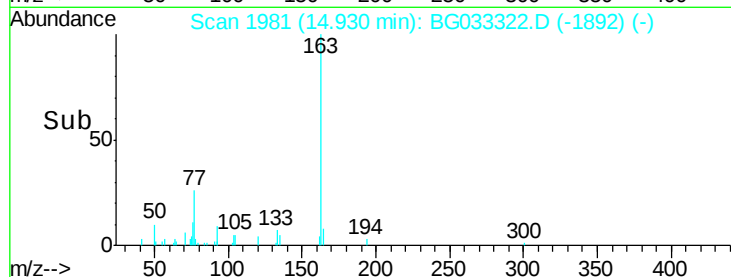
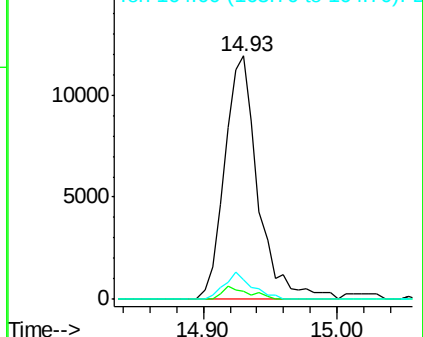
164 7.9 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.467 ng

RT: 15.50 min Scan# 2078

Delta R.T. 0.43 min

Lab File: BG033322.D

Acq: 23 Mar 2018 12:51

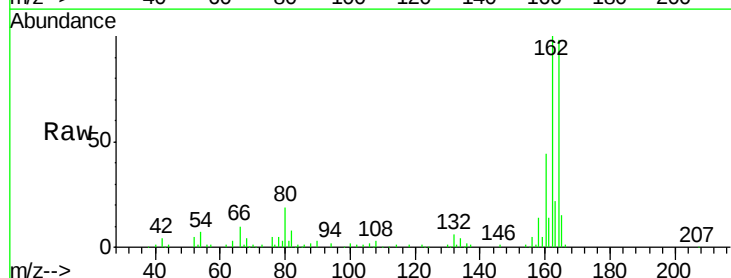
Tgt Ion:165 Resp: 15267

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

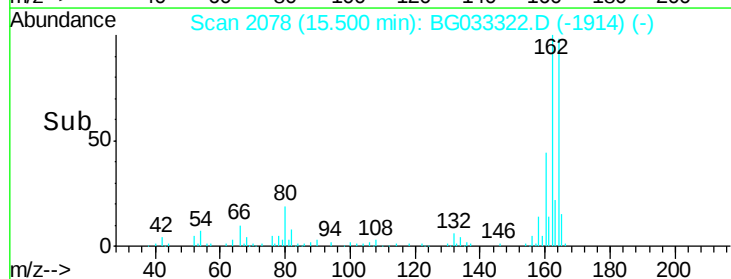
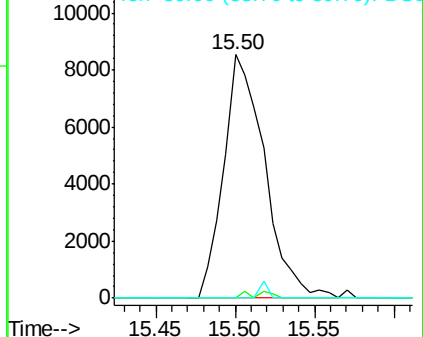
89 0.0 49.2 73.8#



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

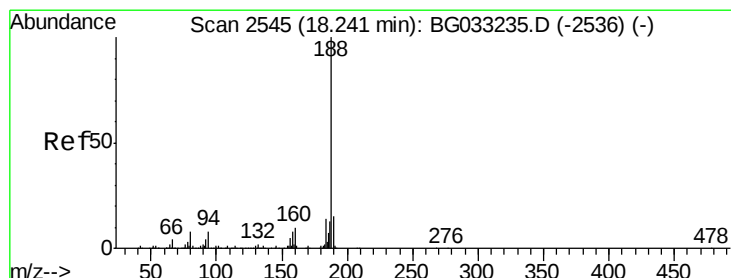
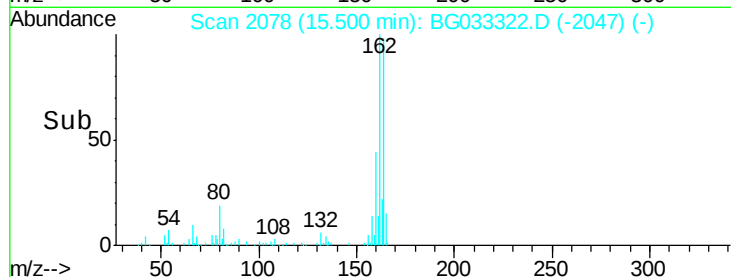
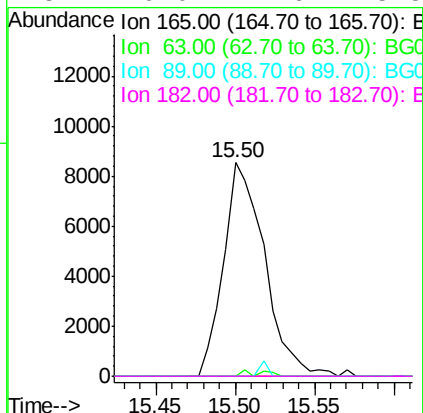
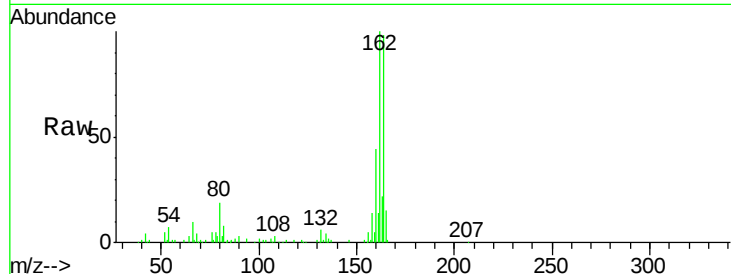




#56
 2,4-Dinitrotoluene
 Concen: 5.072 ng
 RT: 15.50 min Scan# 2078
 Delta R.T. -0.35 min
 Lab File: BG033322.D
 Acq: 23 Mar 2018 12:51

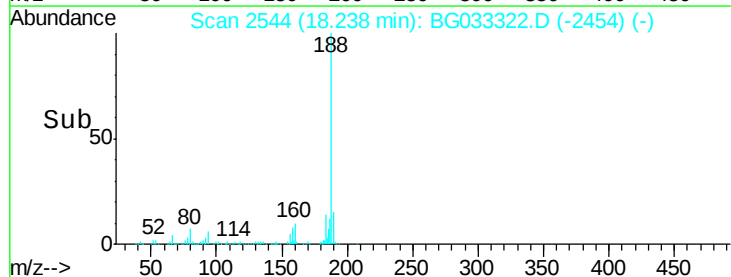
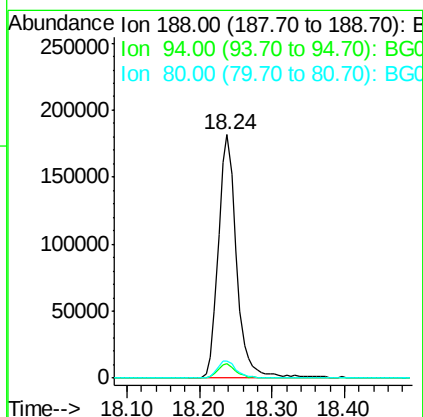
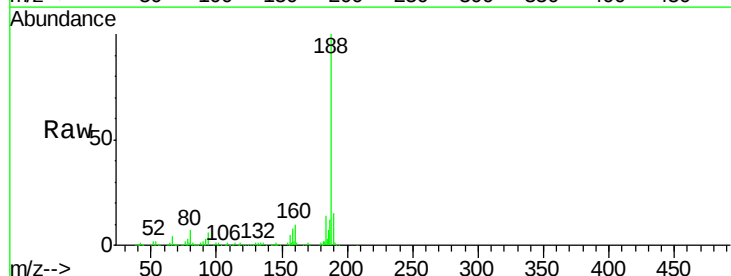
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15267
 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: 18.24 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: BG033322.D
 Acq: 23 Mar 2018 12:51

Tgt Ion:188 Resp: 318742
 Ion Ratio Lower Upper
 188 100
 94 5.7 6.9 10.3#
 80 7.2 7.7 11.5#

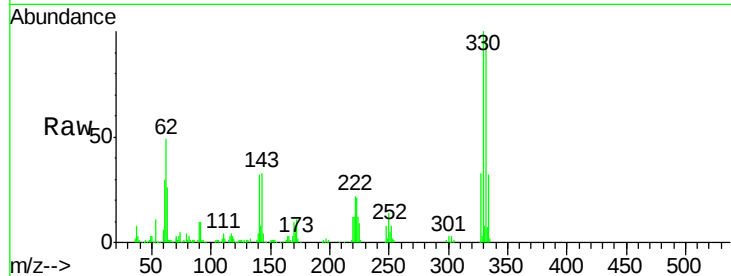




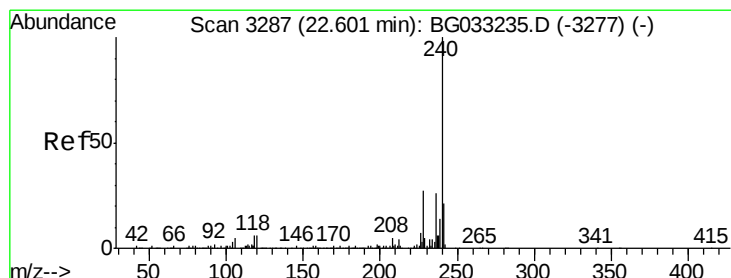
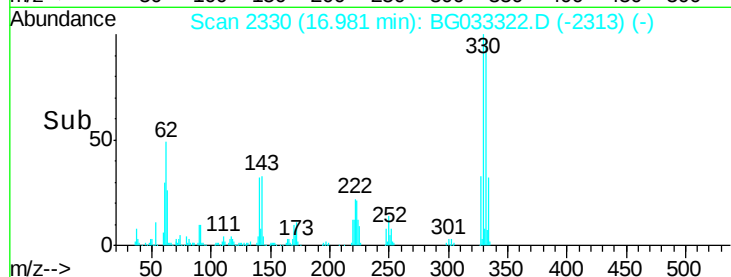
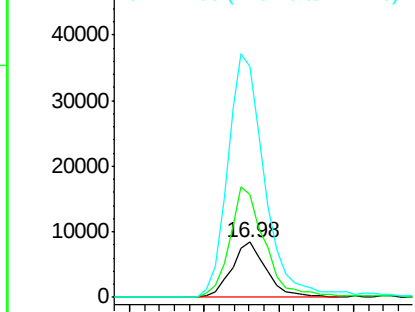
#66
4-Bromophenyl-phenylether
Concen: 3.628 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG03322.D
Acq: 23 Mar 2018 12:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 13580
Ion Ratio Lower Upper
248 100
250 187.4 77.1 115.7#
141 420.5 50.8 76.2#

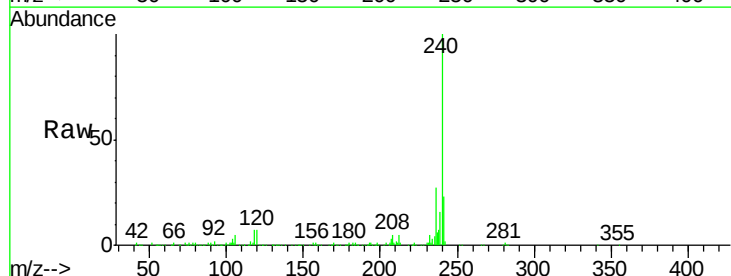


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

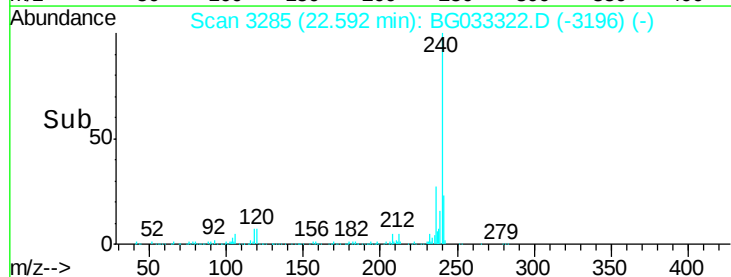
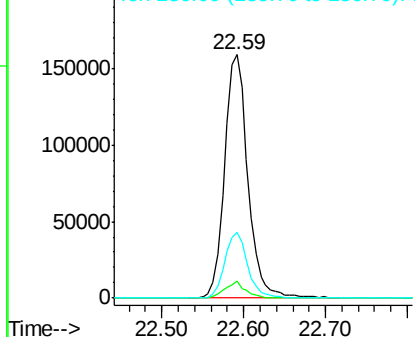


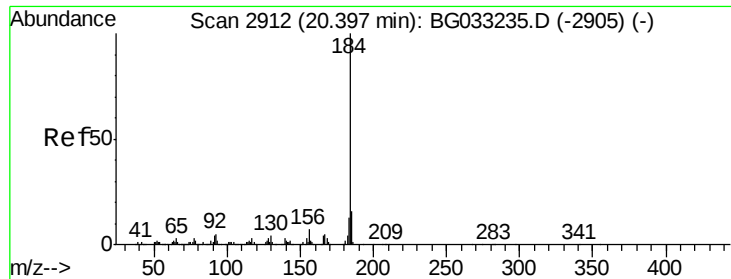
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.01 min
Lab File: BG03322.D
Acq: 23 Mar 2018 12:51

Tgt Ion:240 Resp: 314919
Ion Ratio Lower Upper
240 100
120 6.8 6.8 10.2#
236 27.1 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: 2.750 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.36 min

Lab File: BG033322.D

Acq: 23 Mar 2018 12:51

Instrument :

BNA_G

ClientSampleId :

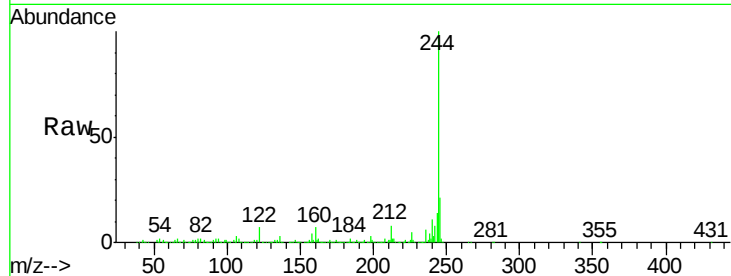
Tot Ion:184 Resp: 23489

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

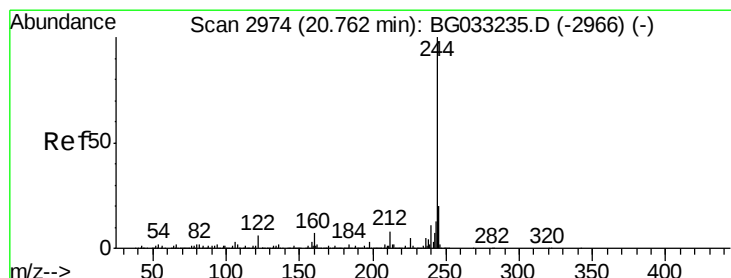
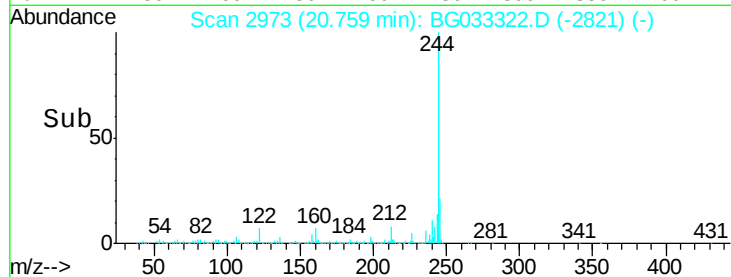
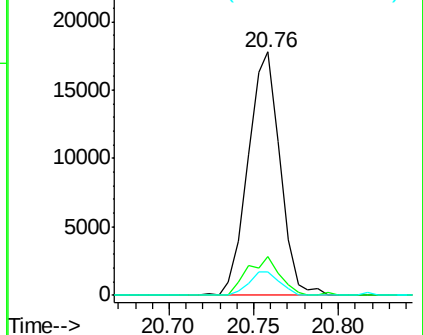
183 9.4 10.6 16.0#



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: 101.683 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033322.D

Acq: 23 Mar 2018 12:51

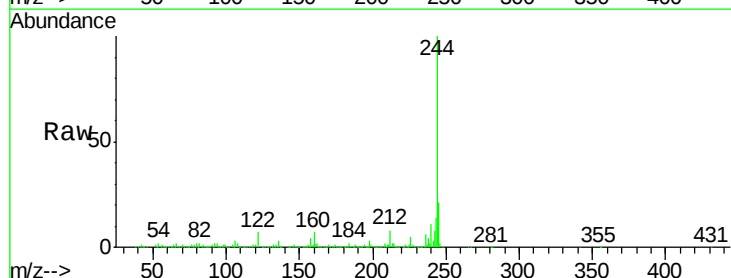
Tgt Ion:244 Resp: 1497325

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

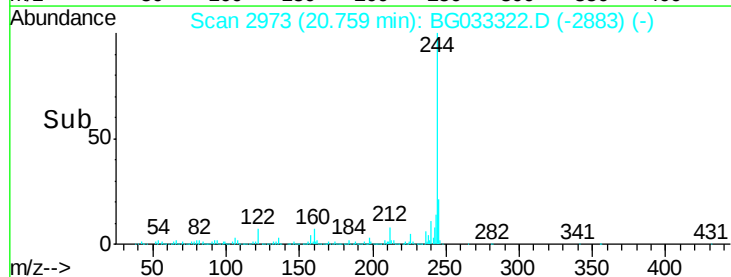
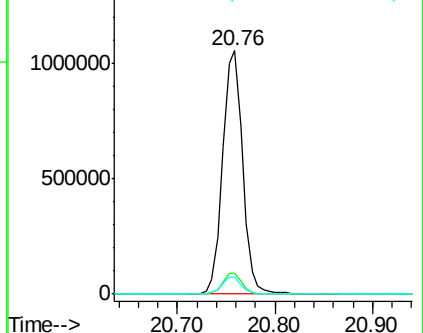
122 6.9 7.0 10.4#



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: 26.39 min Scan# 3931
Delta R.T. -0.00 min
Lab File: BG033322.D
Acq: 23 Mar 2018 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	20.5	17.7	26.5

