

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033444.D
 Acq On : 30 Mar 2018 8:08
 Operator : SJ/JU
 Sample : J2102-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 30 08:49:23 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

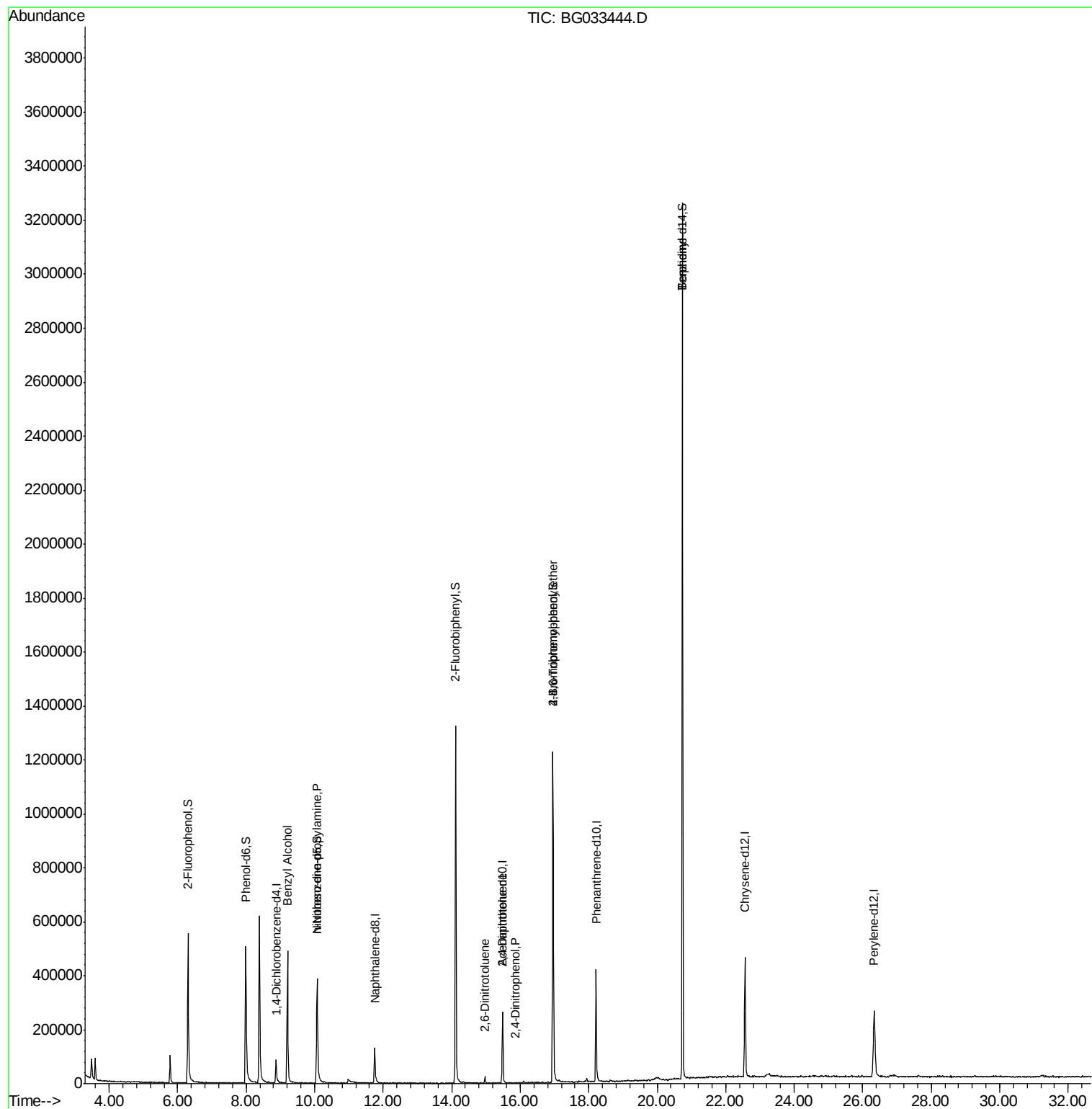
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	31176	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	129141	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	101793	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	308852	20.00	ng	0.00
75) Chrysene-d12	22.56	240	333041	20.00	ng	0.00
86) Perylene-d12	26.34	264	356713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	280231	168.55	ng	0.00
7) Phenol-d6	7.98	99	374849	131.22	ng	0.00
23) Nitrobenzene-d5	10.07	82	311921	110.97	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	257593	169.20	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	755283	107.11	ng	0.00
78) Terphenyl-d14	20.74	244	1645991	105.70	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.21	79	5283	2.349	ng	# 45
19) n-Nitroso-di-n-propylamine	10.08	70	39817	19.021	ng	# 74
50) 2,6-Dinitrotoluene	14.97	165	4221	2.330	ng	# 23
53) 2,4-Dinitrophenol	15.86	184	57	7.698	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	12136	4.550	ng	# 16
66) 4-Bromophenyl-phenylether	16.96	248	20678	5.701	ng	# 1
76) Benzydine	20.74	184	28058	3.107	ng	# 91

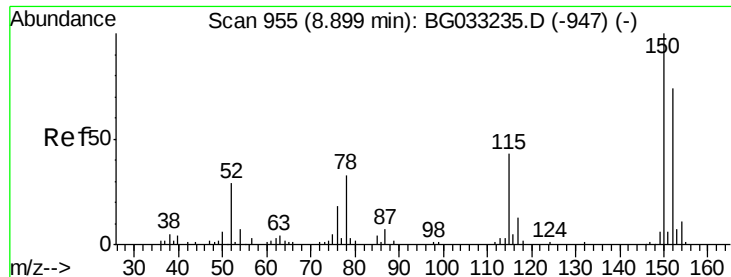
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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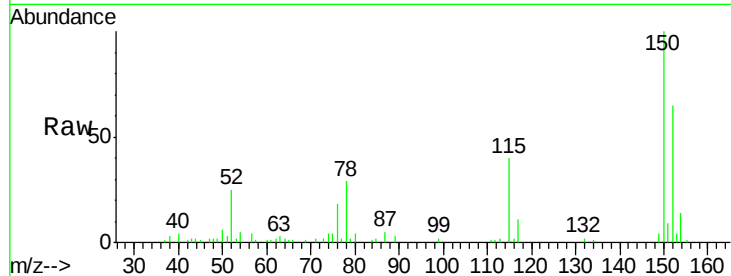


#1

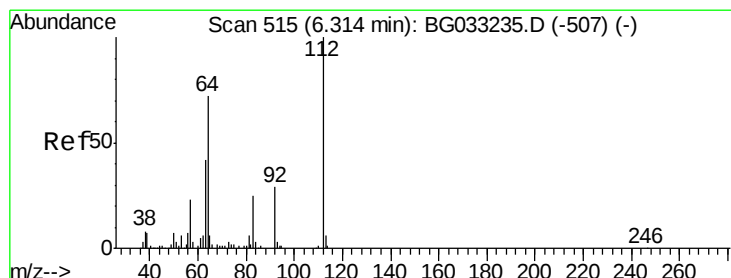
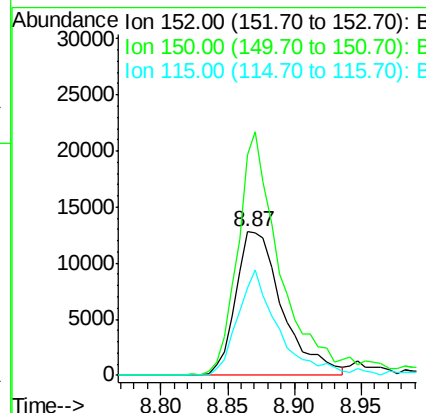
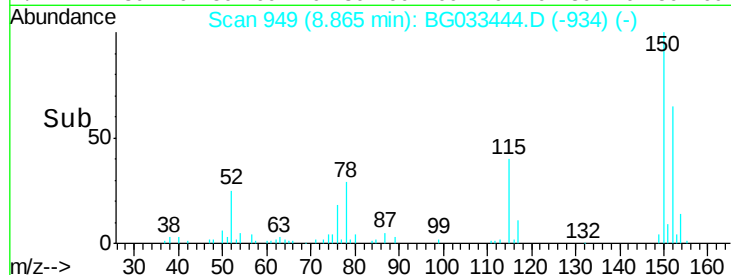
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033444.D
Acq: 30 Mar 2018 8:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.6	189.8
115	61.3	53.0	79.4



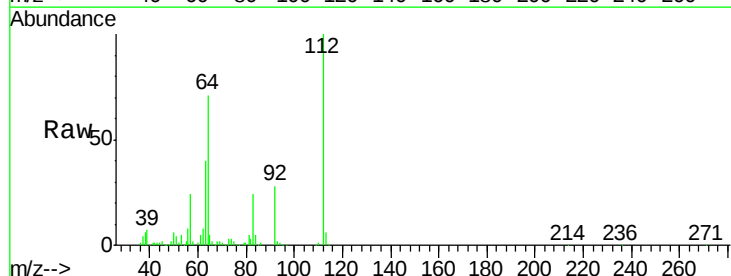
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



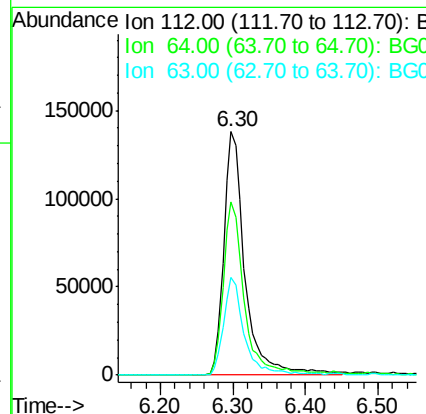
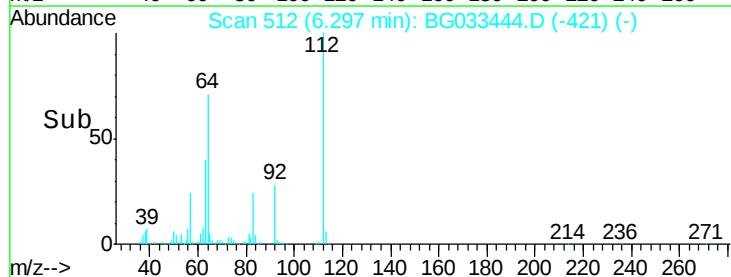
#5

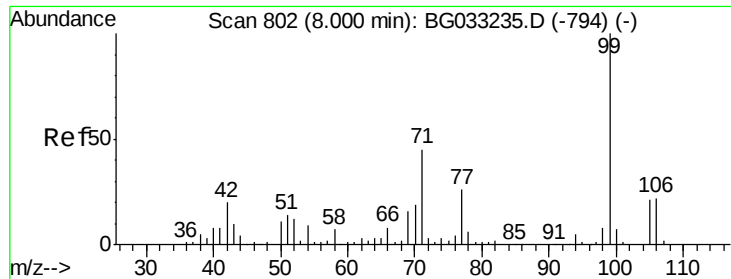
2-Fluorophenol
Concen: 168.549 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033444.D
Acq: 30 Mar 2018 8:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	56.3	84.5
63	39.9	30.1	45.1



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





#7

Phenol-d6

Concen: 131.217 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033444.D

Acq: 30 Mar 2018 8:08

Instrument :

BNA_G

ClientSampleId :

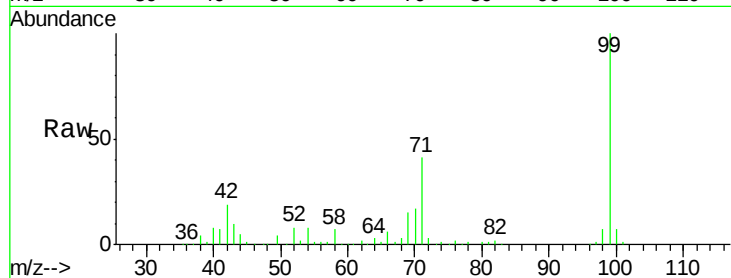
Tot Ion: 99 Resp: 374849

Ion Ratio Lower Upper

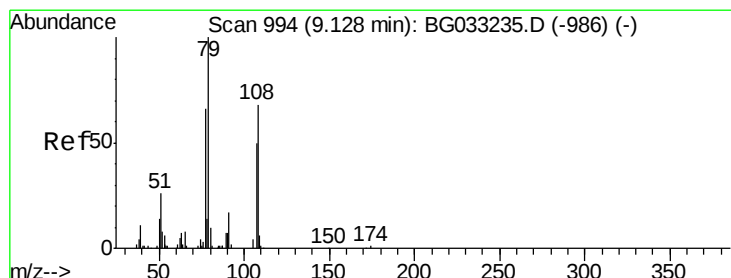
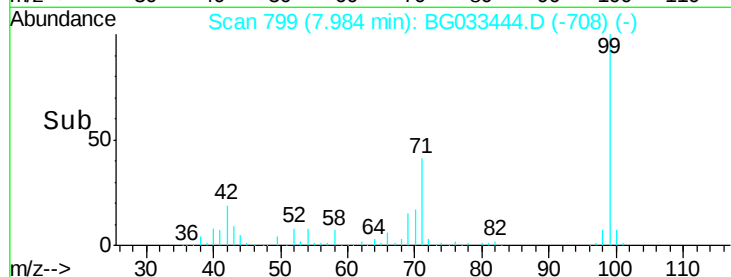
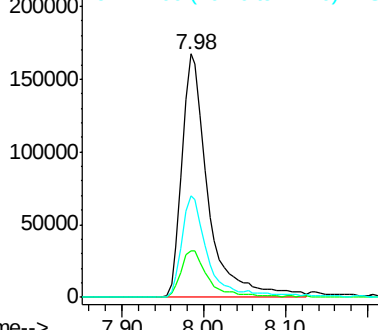
99 100

42 19.1 14.1 21.1

71 41.5 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: 2.349 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.10 min

Lab File: BG033444.D

Acq: 30 Mar 2018 8:08

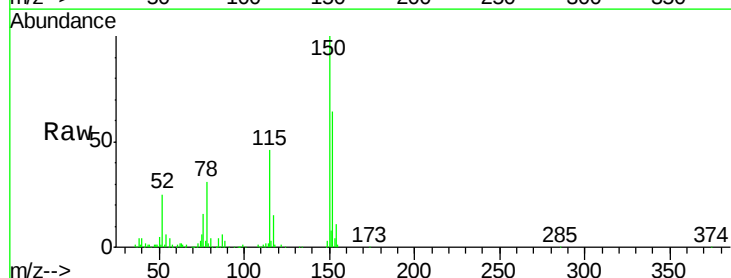
Tgt Ion: 79 Resp: 5283

Ion Ratio Lower Upper

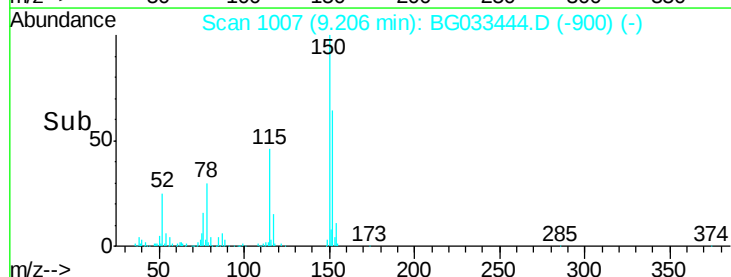
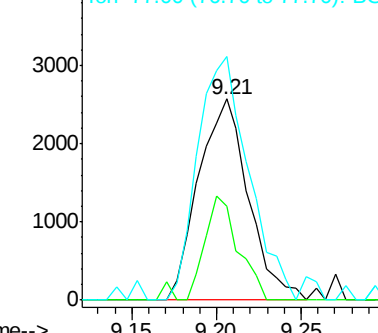
79 100

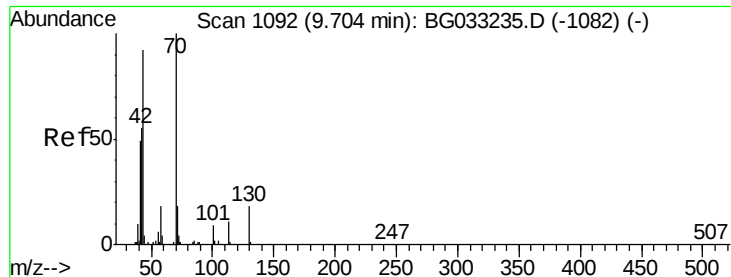
108 46.5 57.2 85.8#

77 120.9 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

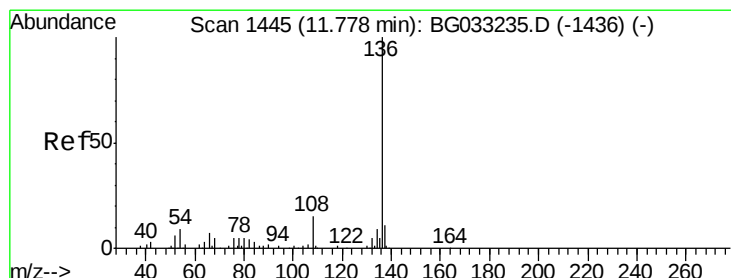
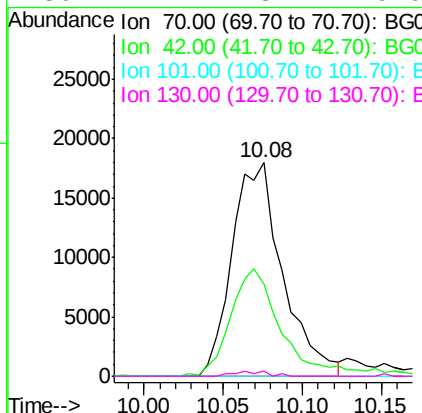
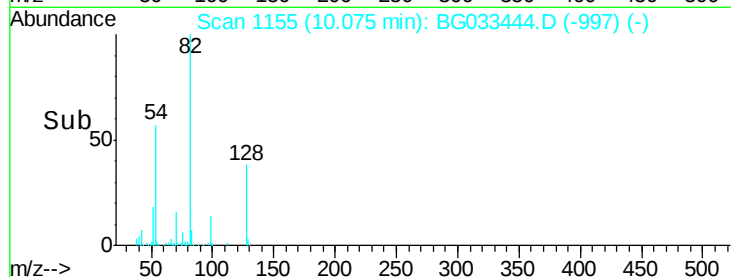
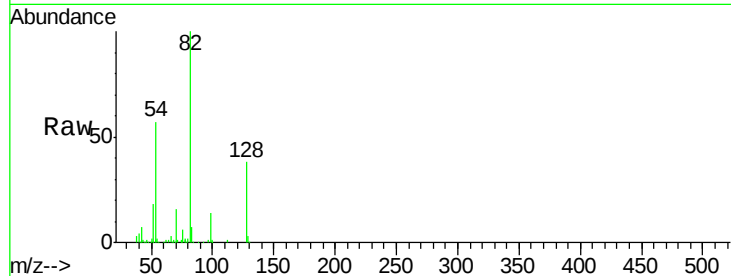




#19
n-Nitroso-di-n-propylamine
Concen: 19.021 ng
RT: 10.08 min Scan# 1155
Delta R.T. 0.40 min
Lab File: BG033444.D
Acq: 30 Mar 2018 8:08

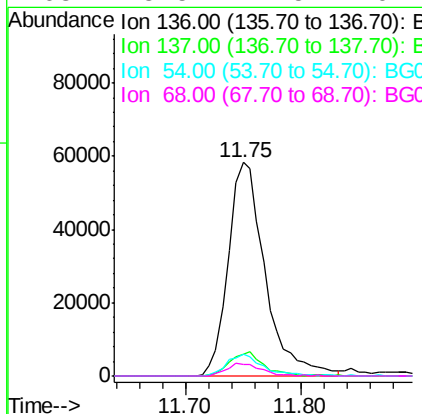
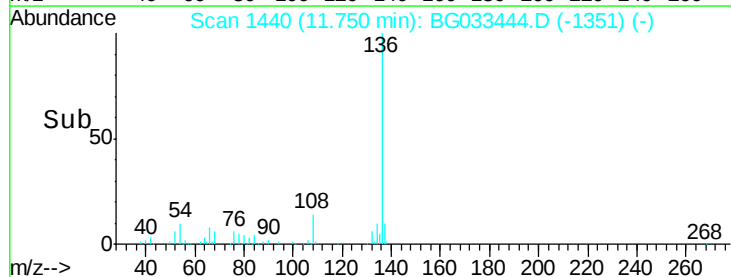
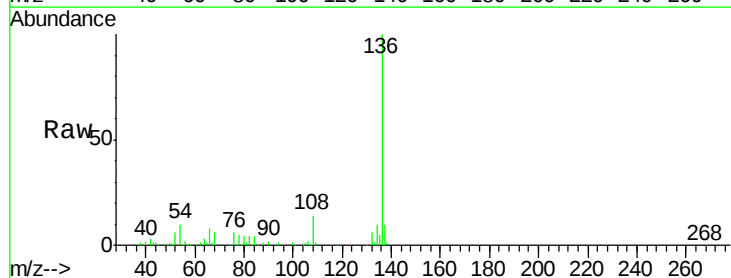
Instrument :
BNA_G
ClientSampled :

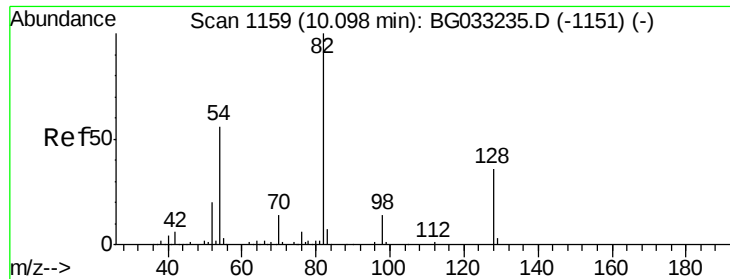
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033444.D
Acq: 30 Mar 2018 8:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	10.0	10.3	15.5#
68	5.5	4.5	6.7

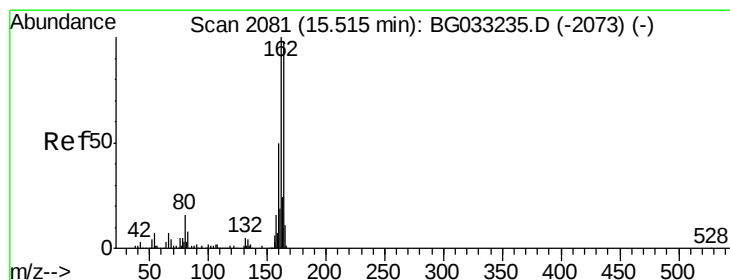
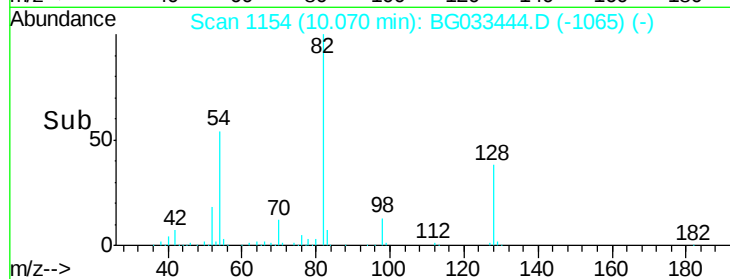
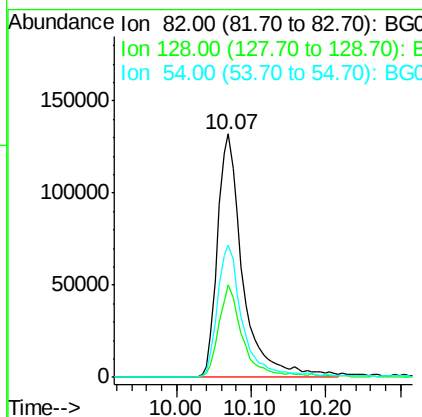
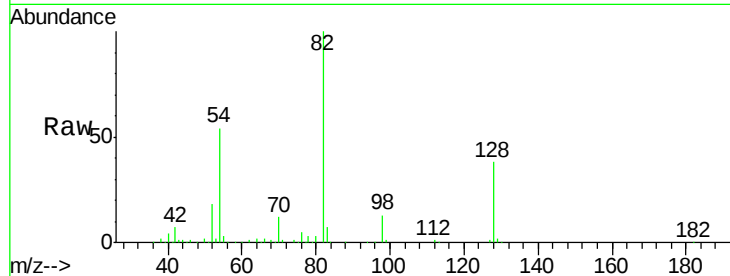




#23
 Nitrobenzene-d5
 Concen: 110.971 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033444.D
 Acq: 30 Mar 2018 8:08

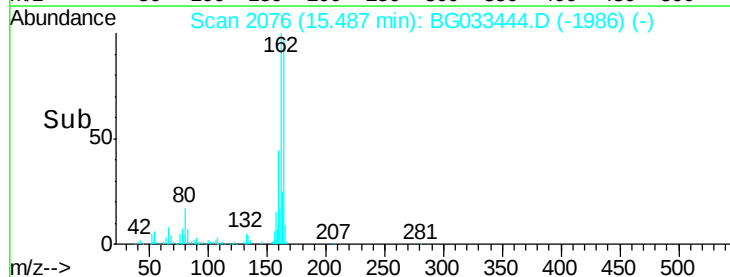
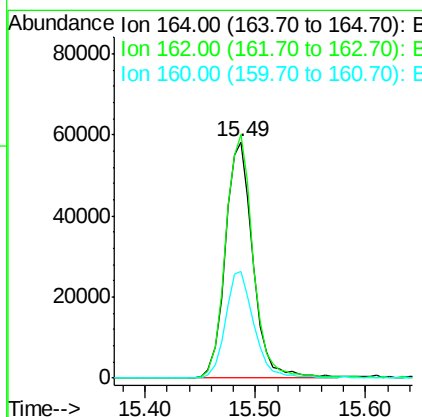
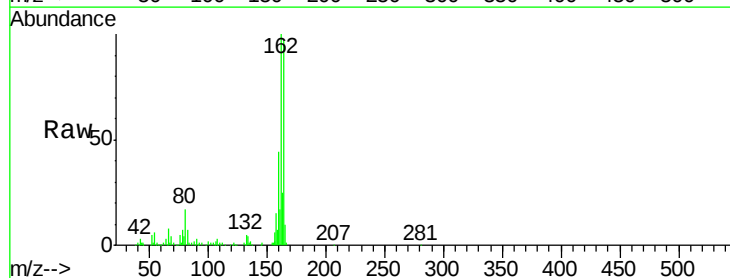
Instrument :
 BNA_G
 ClientSampleId :

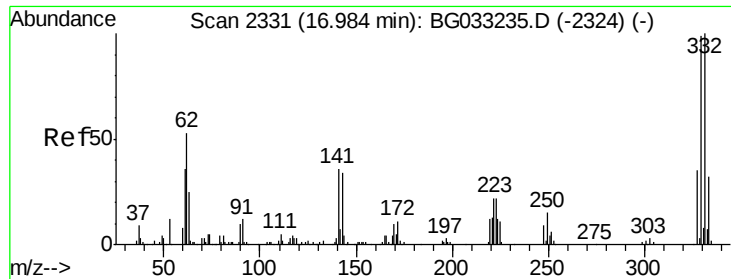
Tot Ion	82	Resp	311921
Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.7	44.5
54	54.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033444.D
 Acq: 30 Mar 2018 8:08

Tgt Ion	164	Resp	101793
Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	45.3	35.4	53.0

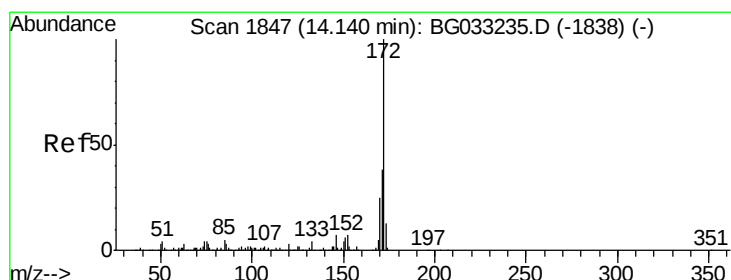
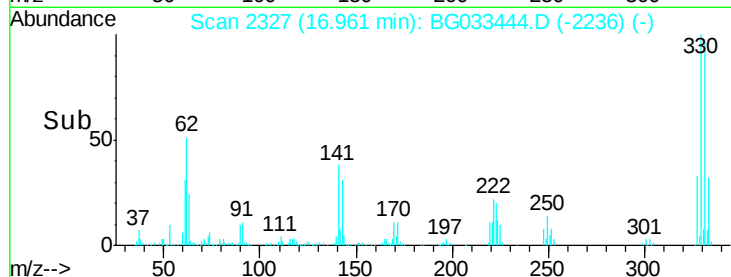
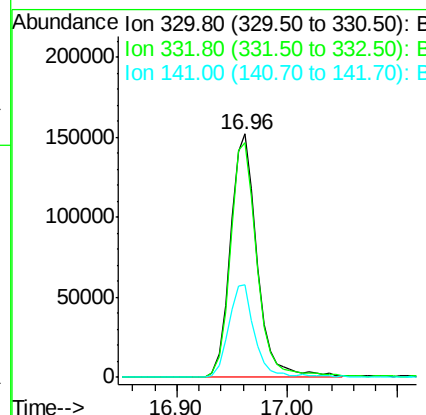
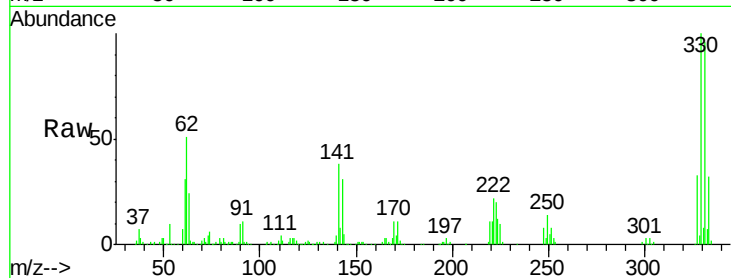




#41
 2,4,6-Tribromophenol
 Concen: 169.198 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033444.D
 Acq: 30 Mar 2018 8:08

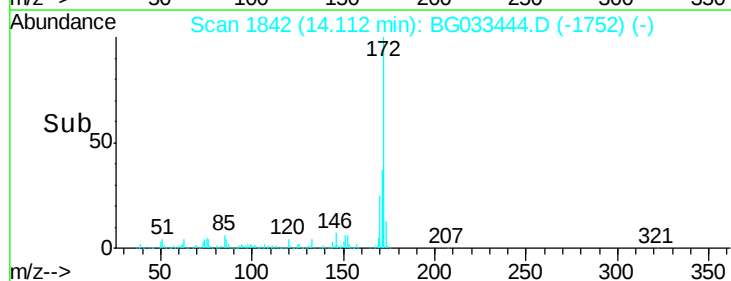
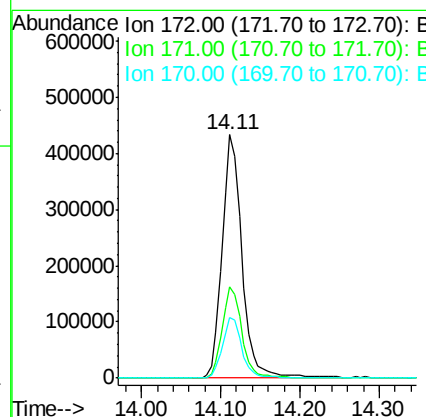
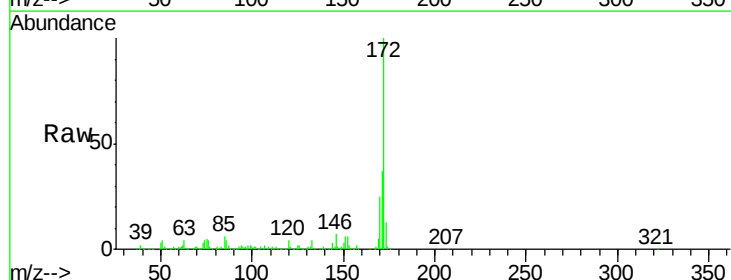
Instrument :
 BNA_G
 ClientSampleId :

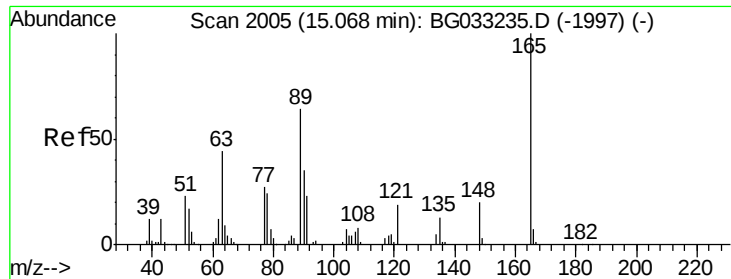
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	37.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 107.115 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033444.D
 Acq: 30 Mar 2018 8:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.9	19.5	29.3





#50

2,6-Dinitrotoluene

Concen: 2.330 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.08 min

Lab File: BG033444.D

Acq: 30 Mar 2018 8:08

Instrument :

BNA_G

ClientSampleId :

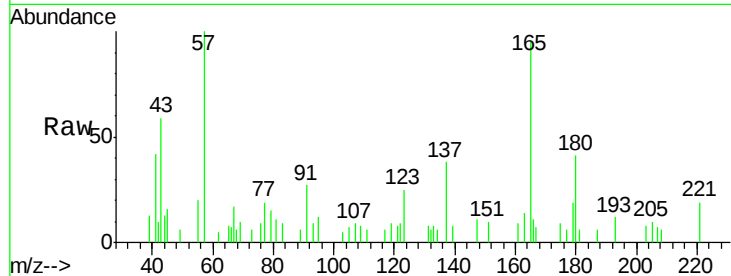
Tot Ion:165 Resp: 4221

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

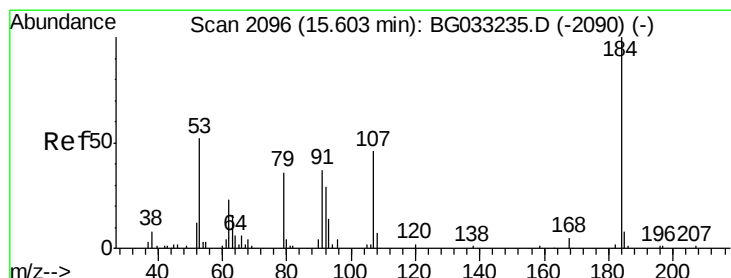
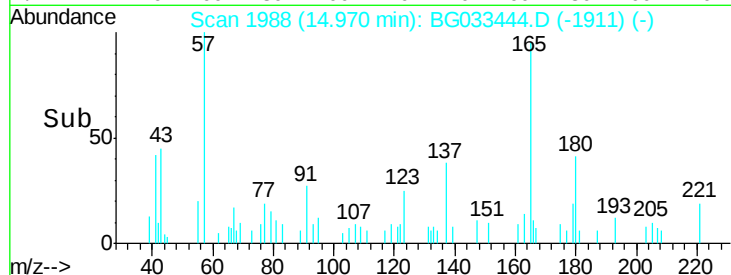
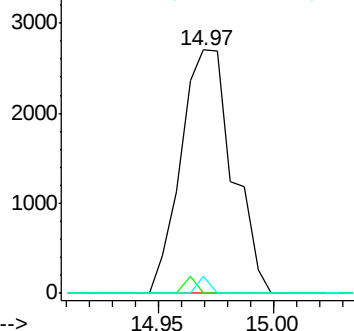
89 6.8 49.2 73.8#



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



#53

2,4-Dinitrophenol

Concen: 7.698 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.28 min

Lab File: BG033444.D

Acq: 30 Mar 2018 8:08

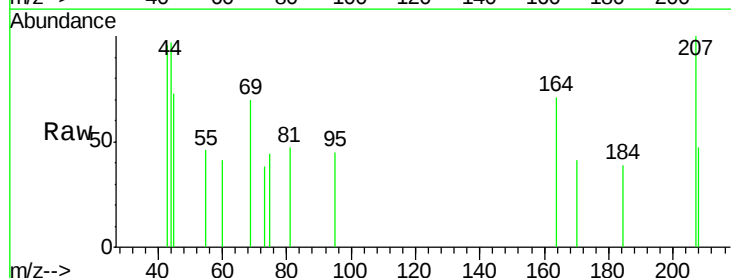
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

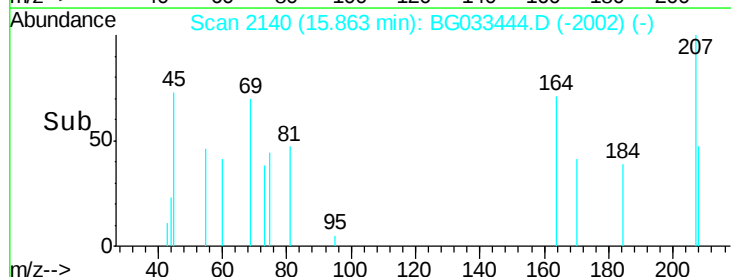
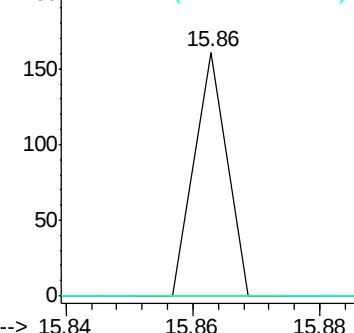
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

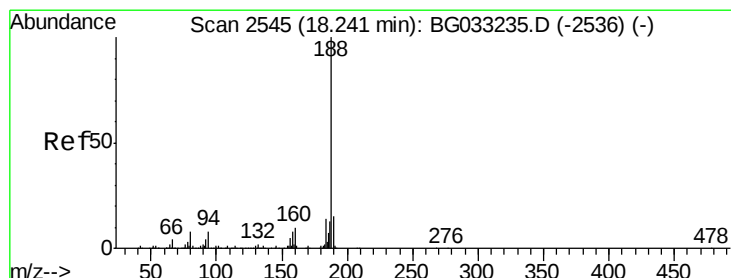
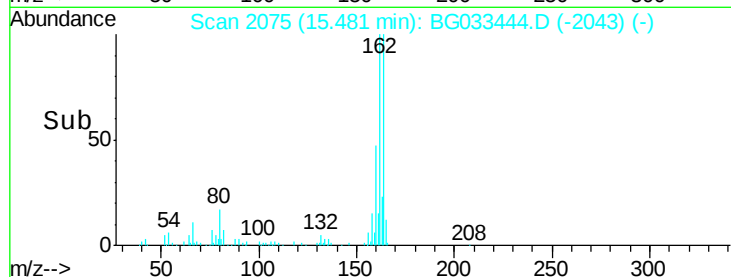
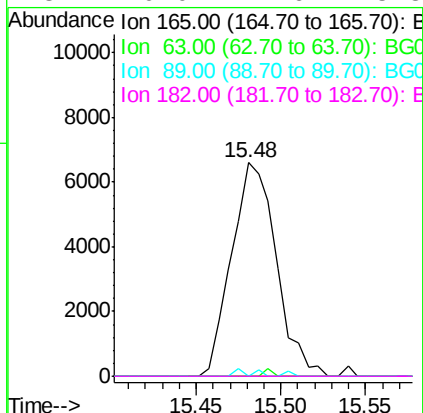
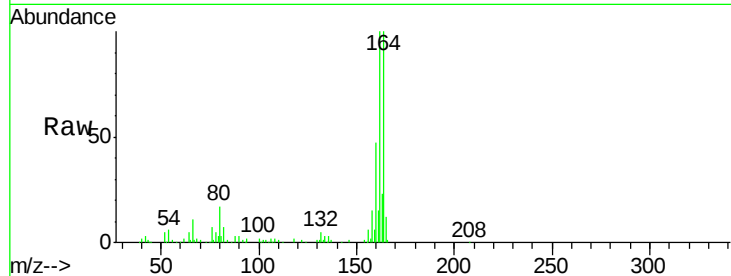




#56
2,4-Dinitrotoluene
Concen: 4.550 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033444.D
Acq: 30 Mar 2018 8:08

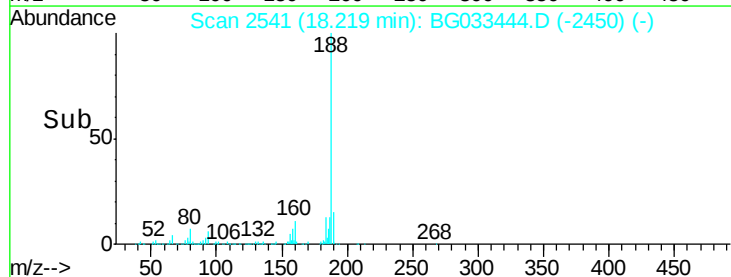
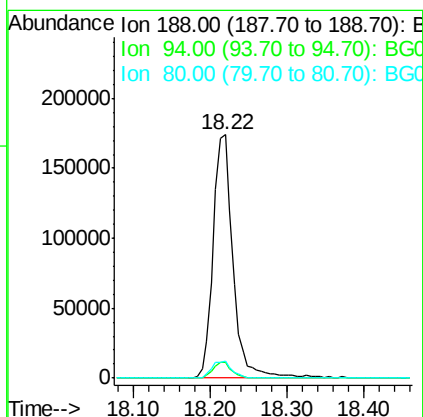
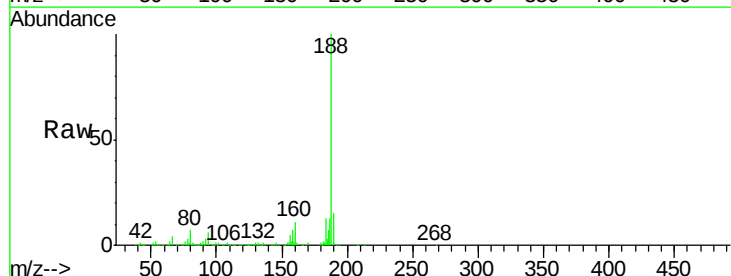
Instrument :
BNA_G
ClientSampleId :

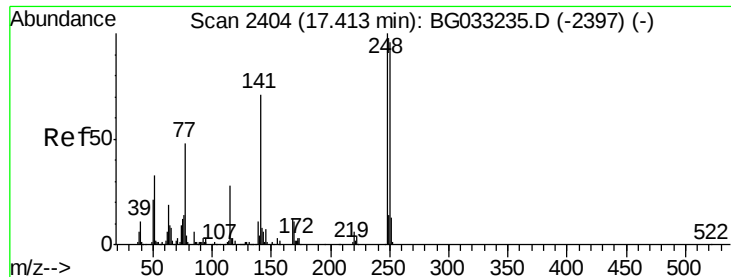
Tot Ion:165 Resp: 12136
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.22 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BG033444.D
Acq: 30 Mar 2018 8:08

Tgt Ion:188 Resp: 308852
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.1 7.7 11.5#

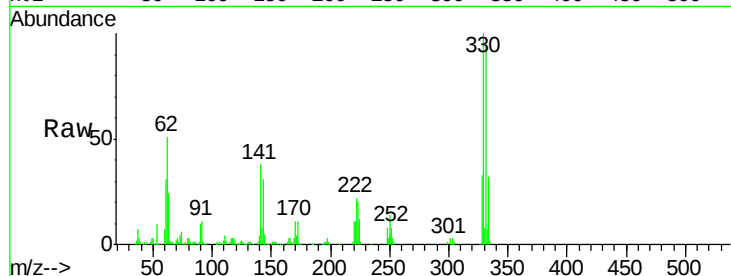




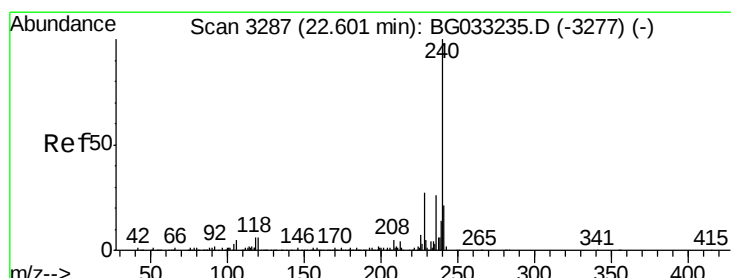
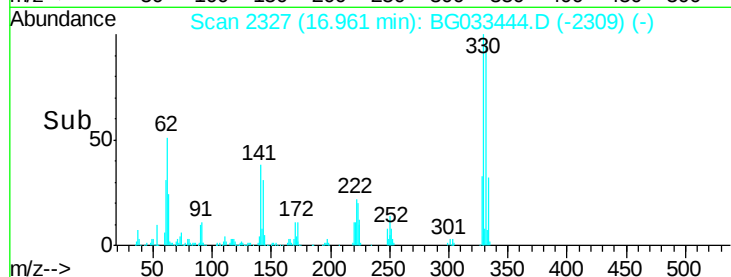
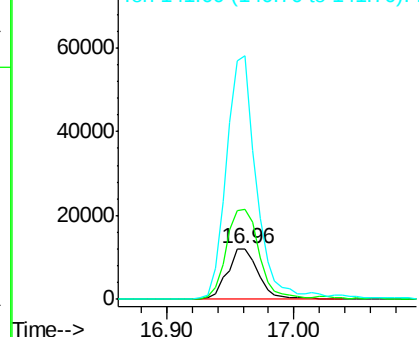
#66
4-Bromophenyl-phenylether
Concen: 5.701 ng
RT: 16.96 min Scan# 2327
Delta R.T. -0.42 min
Lab File: BG033444.D
Acq: 30 Mar 2018 8:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20678
Ion Ratio Lower Upper
248 100
250 179.2 77.1 115.7#
141 482.3 50.8 76.2#

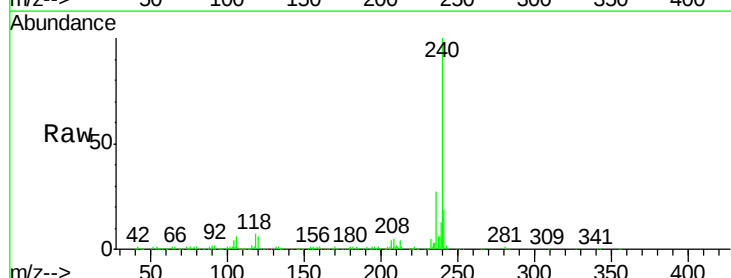


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

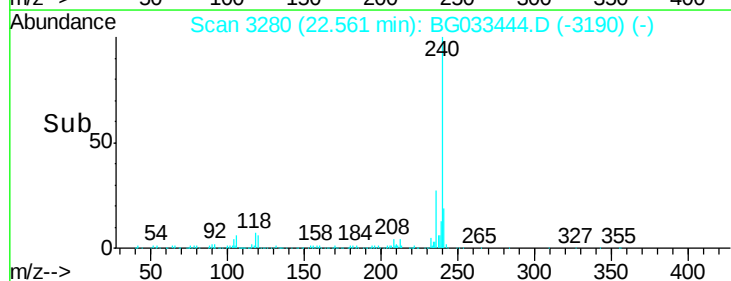
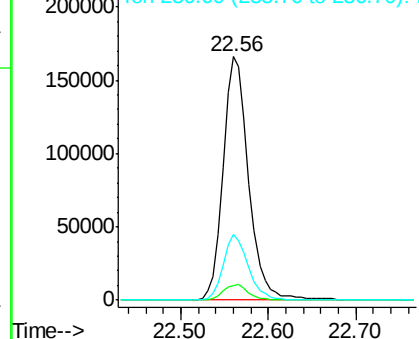


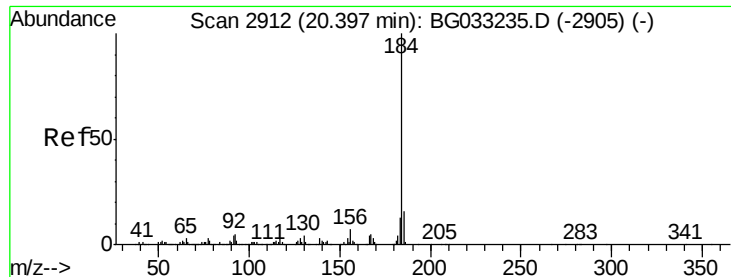
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033444.D
Acq: 30 Mar 2018 8:08

Tgt Ion:240 Resp: 333041
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 26.8 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

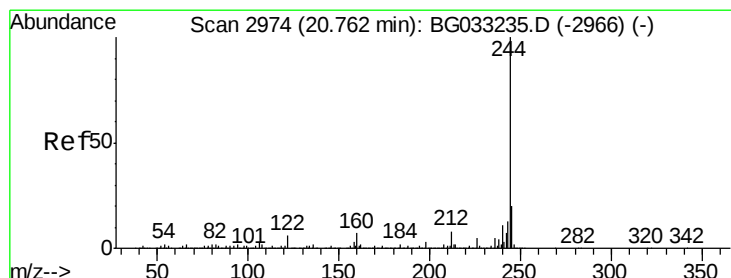
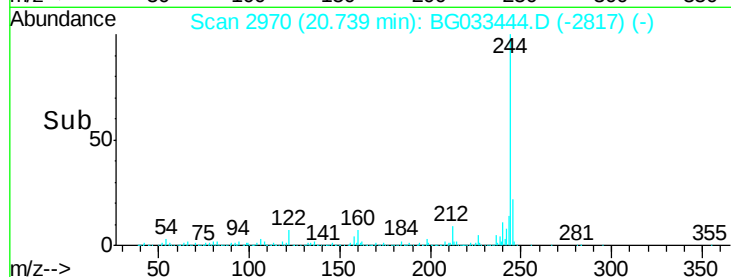
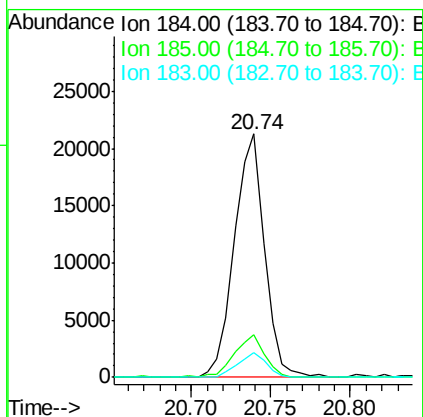
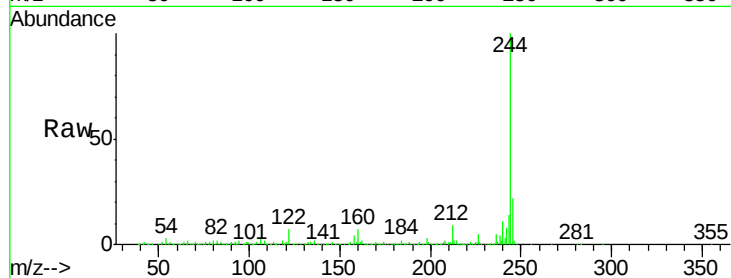




#76
Benzidine
Concen: 3.107 ng
RT: 20.74 min Scan# 2970
Delta R.T. 0.37 min
Lab File: BG033444.D
Acq: 30 Mar 2018 8:08

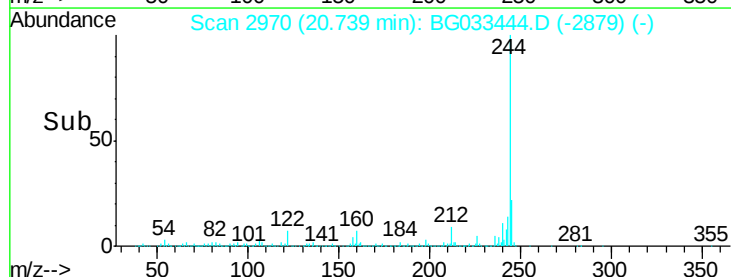
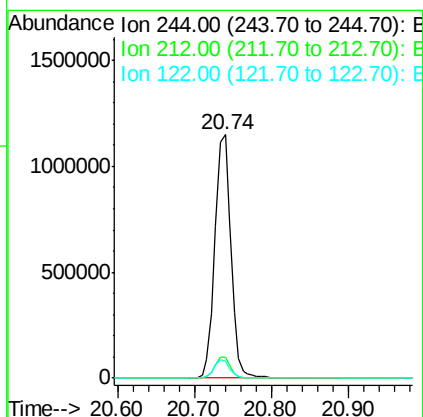
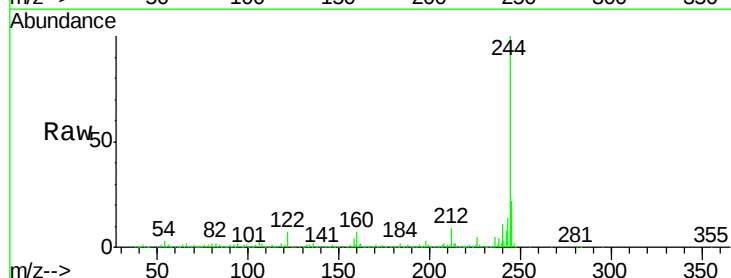
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 28058
Ion Ratio Lower Upper
184 100
185 17.7 11.1 16.7#
183 10.2 10.6 16.0#



#78
Terphenyl-d14
Concen: 105.696 ng
RT: 20.74 min Scan# 2970
Delta R.T. 0.00 min
Lab File: BG033444.D
Acq: 30 Mar 2018 8:08

Tgt Ion:244 Resp: 1645991
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 6.9 7.0 10.4#

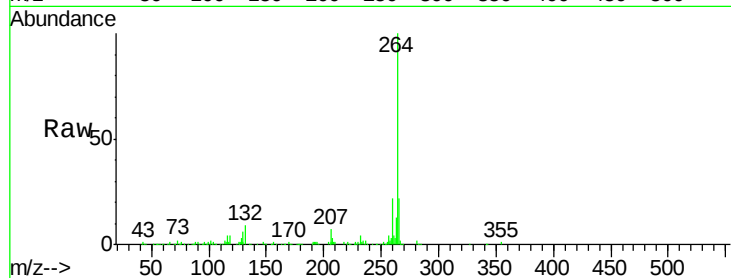




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3923
Delta R.T. 0.00 min
Lab File: BG033444.D
Acq: 30 Mar 2018 8:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	22.5	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

