

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033376.D
 Acq On : 27 Mar 2018 23:58
 Operator : SJ/JU
 Sample : J2061-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 07:58:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

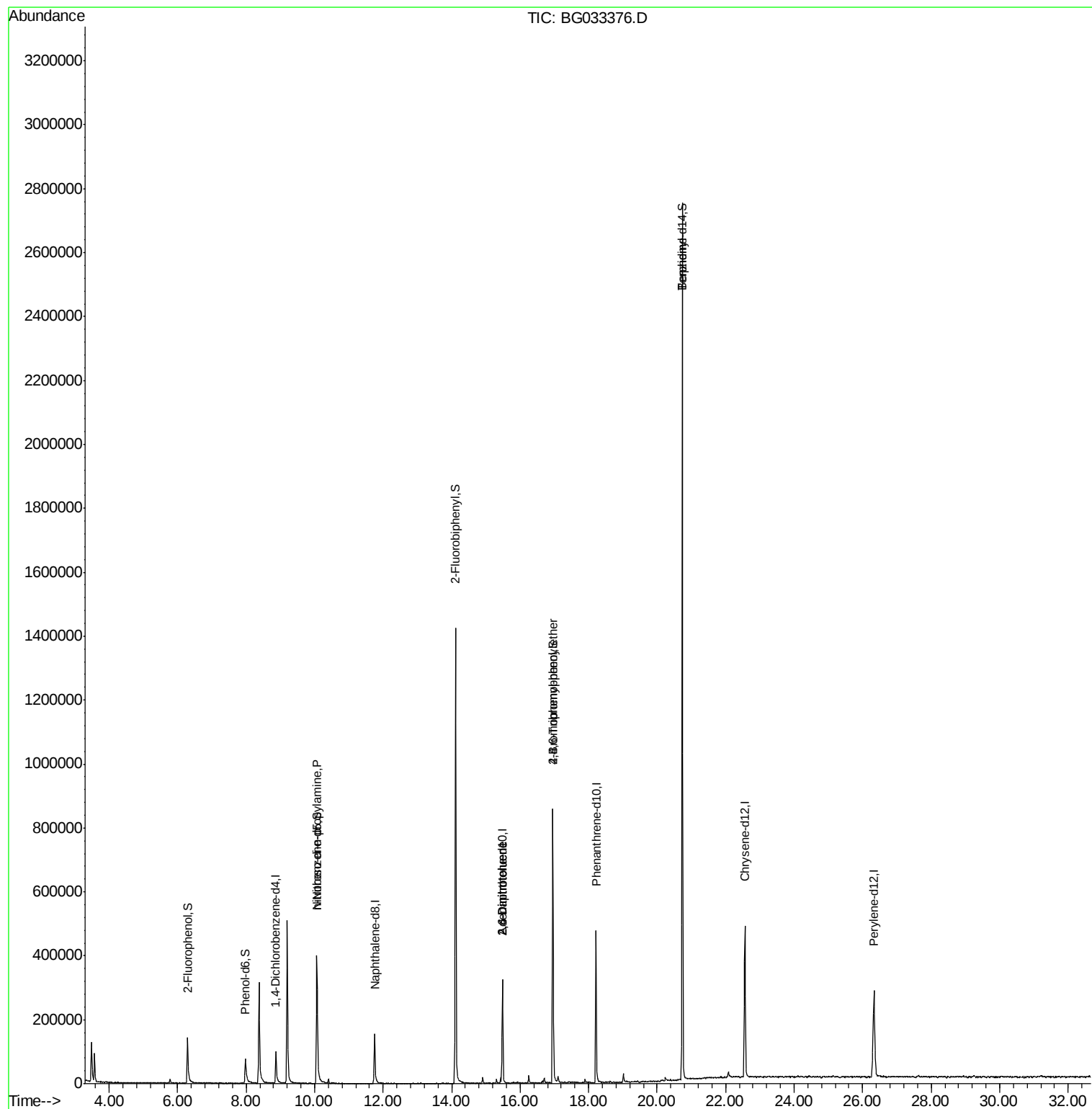
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	39179	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	161050	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	128159	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	334111	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	355494	20.00	ng	-0.04
86) Perylene-d12	26.33	264	379778	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	78892	37.76	ng	-0.02
7) Phenol-d6	7.98	99	71634	19.95	ng	-0.02
23) Nitrobenzene-d5	10.07	82	318943	90.99	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	182266	95.09	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	817268	92.06	ng	-0.02
78) Terphenyl-d14	20.73	244	1399661	84.20	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.07	70	42478	16.147	ng	# 75
50) 2,6-Dinitrotoluene	15.48	165	16366	7.176	ng	# 19
56) 2,4-Dinitrotoluene	15.48	165	16366	4.874	ng	# 17
66) 4-Bromophenyl-phenylether	16.96	248	13577	3.460	ng	# 1
76) Benzidine	20.73	184	22112	2.294	ng	95

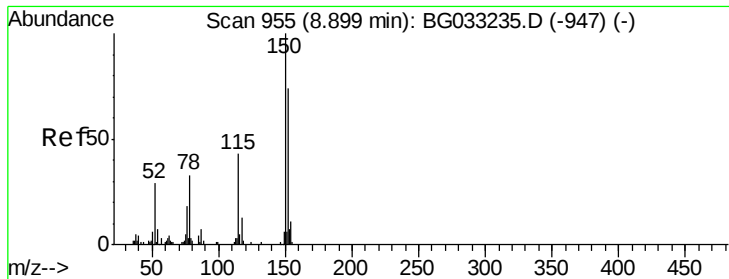
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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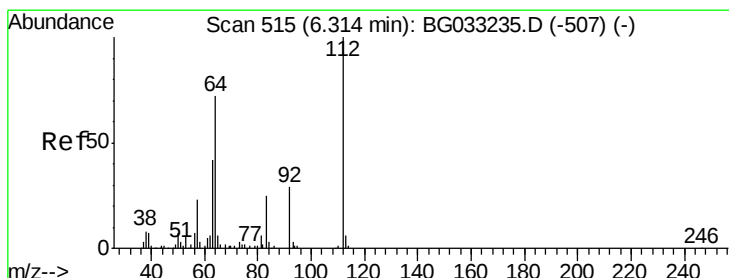
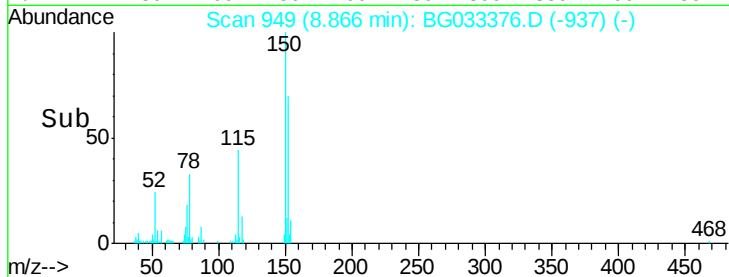
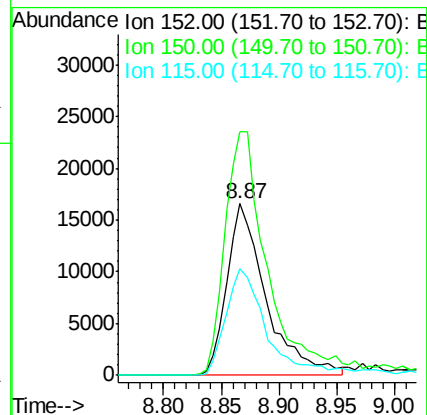
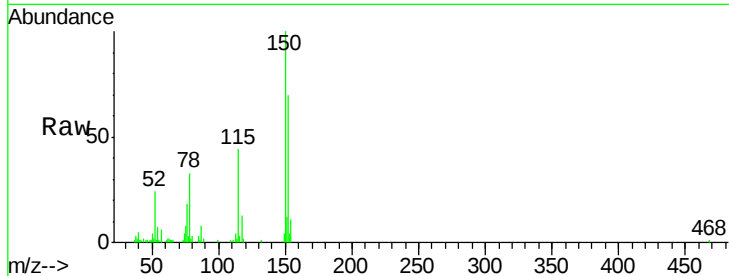


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033376.D
Acq: 27 Mar 2018 23:58

Instrument :
BNA_G
ClientSampleId :

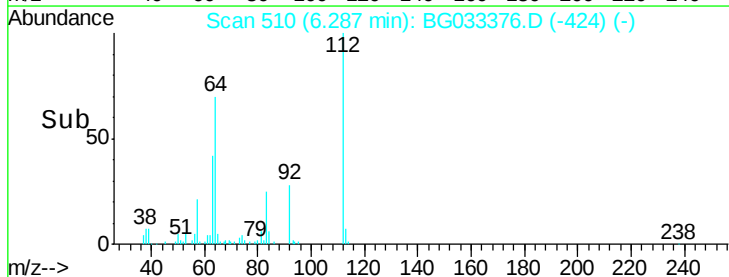
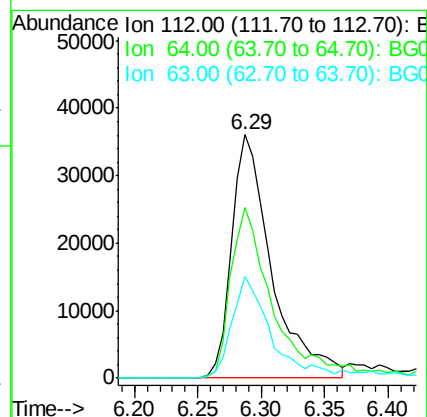
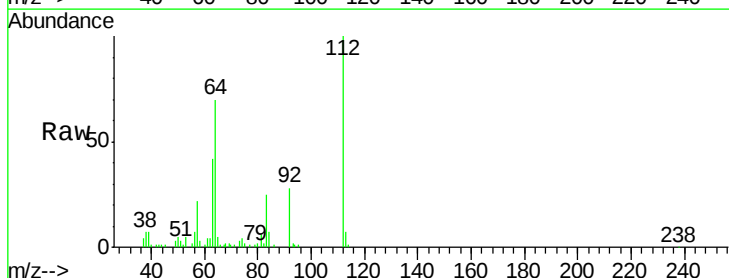
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.1	126.6	189.8
115	61.9	53.0	79.4

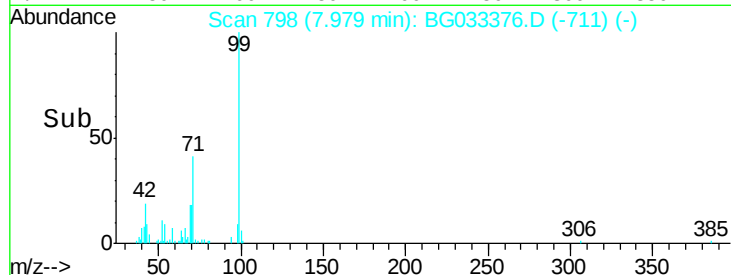
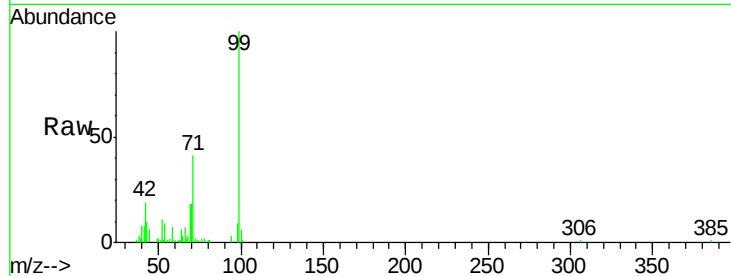
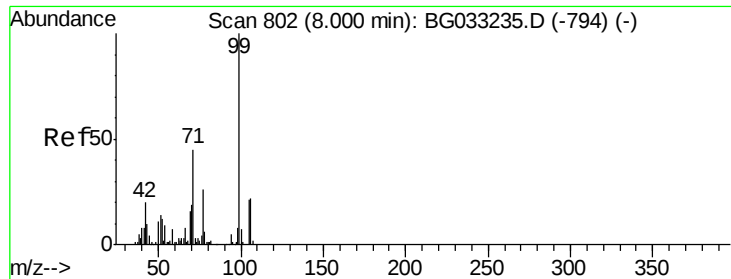


#5

2-Fluorophenol
Concen: 37.758 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.02 min
Lab File: BG033376.D
Acq: 27 Mar 2018 23:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.3	84.5
63	41.8	30.1	45.1





#7

Phenol-d6

Concen: 19.954 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

Instrument :

BNA_G

ClientSampleId :

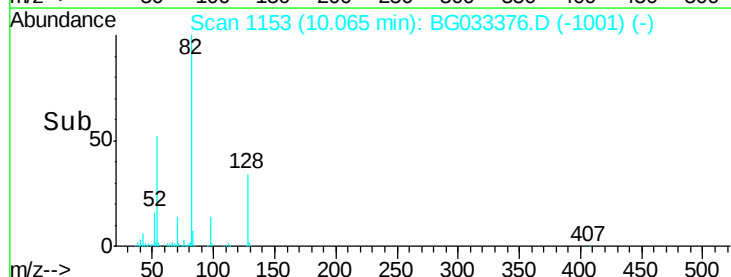
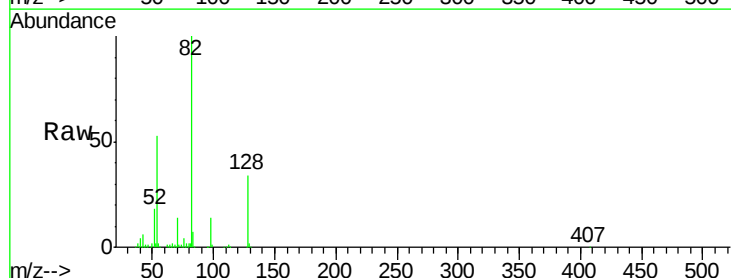
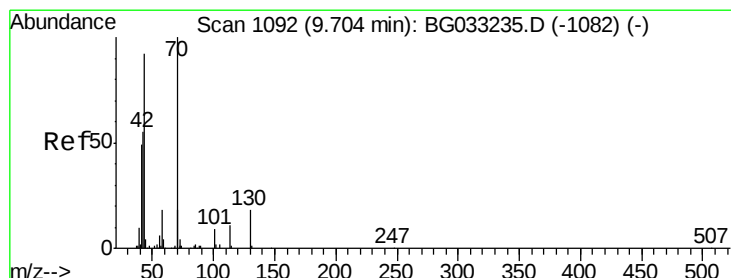
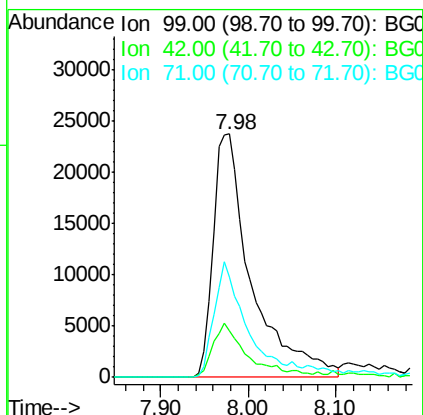
Tot Ion: 99 Resp: 71634

Ion Ratio Lower Upper

99 100

42 19.0 14.1 21.1

71 41.3 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.147 ng

RT: 10.07 min Scan# 1153

Delta R.T. 0.36 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

Tgt Ion: 70 Resp: 42478

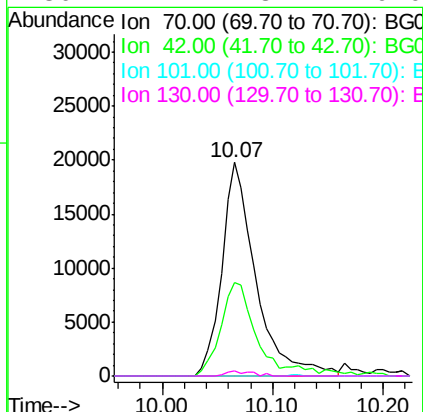
Ion Ratio Lower Upper

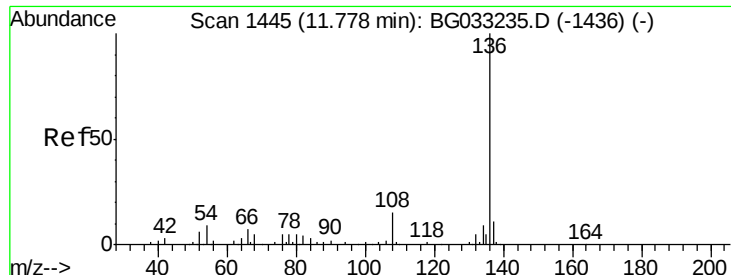
70 100

42 44.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#

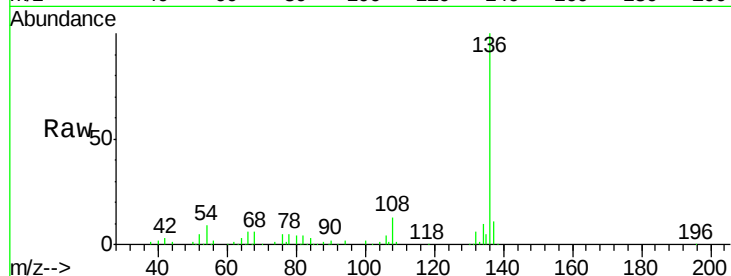




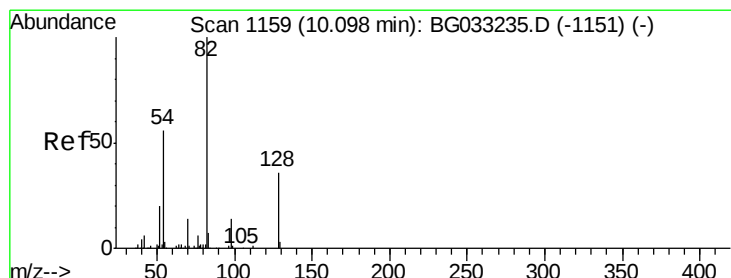
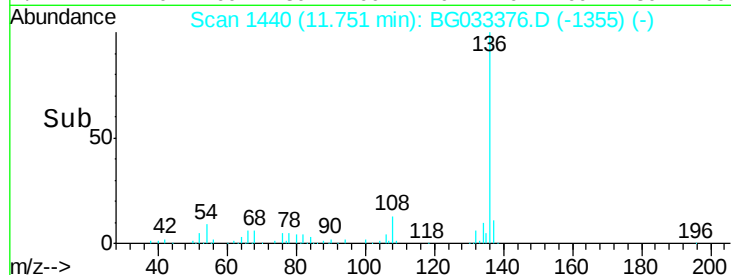
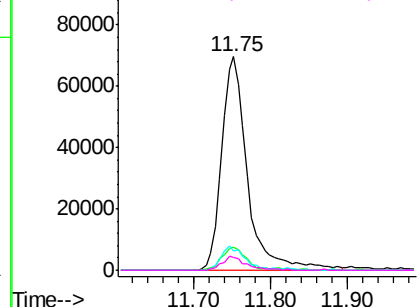
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033376.D
Acq: 27 Mar 2018 23:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	161050
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.2 13.8
54	8.8	10.3 15.5#
68	6.3	4.5 6.7

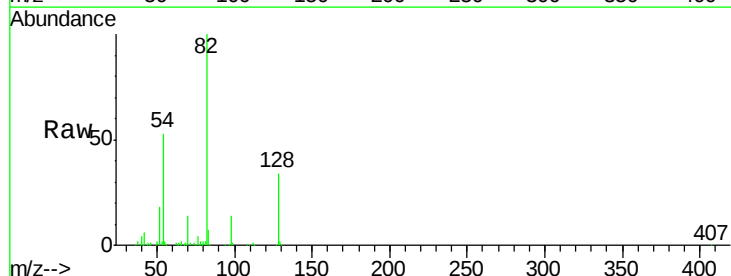


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

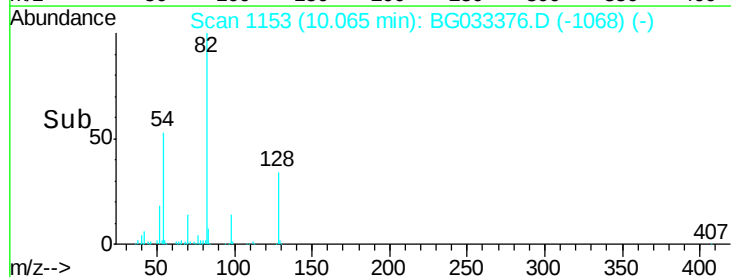
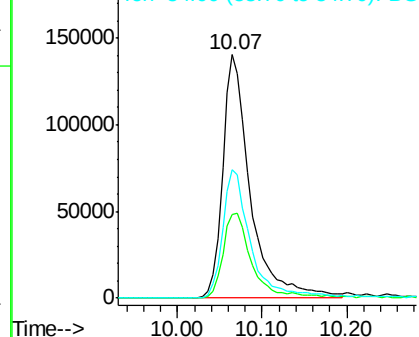


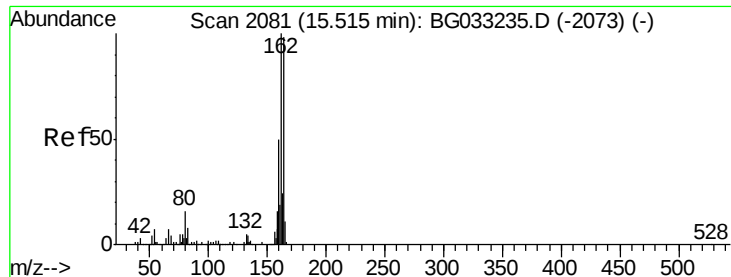
#23
Nitrobenzene-d5
Concen: 90.988 ng
RT: 10.07 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BG033376.D
Acq: 27 Mar 2018 23:58

Tgt Ion: 82	Resp:	318943
Ion	Ratio	Lower Upper
82	100	
128	34.3	29.7 44.5
54	52.7	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

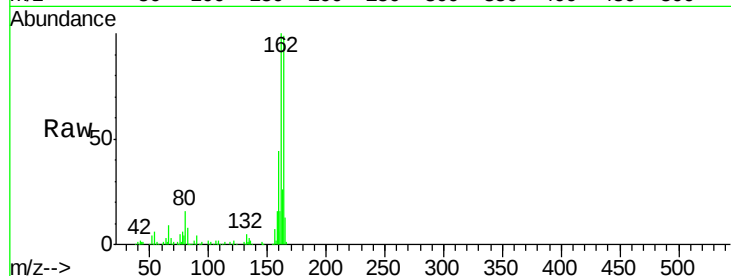
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 128159

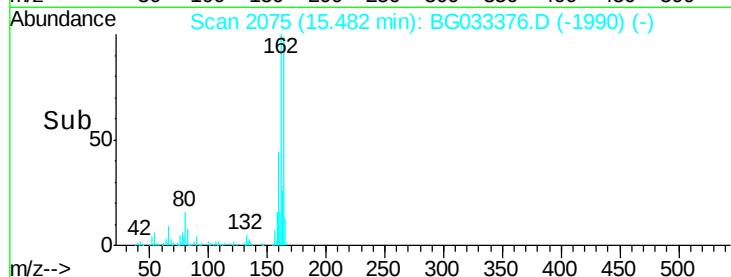
Ion	Ratio	Lower	Upper
164	100		
162	100.8	78.8	118.2
160	44.8	35.4	53.0



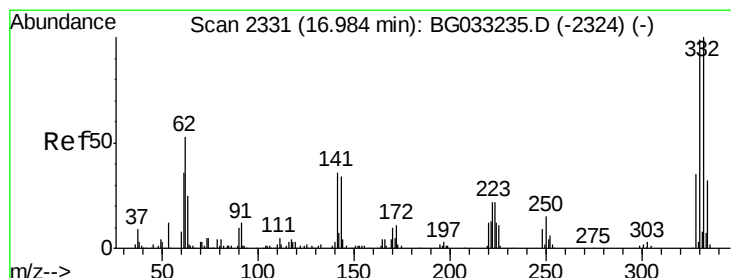
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 95.090 ng

RT: 16.96 min Scan# 2326

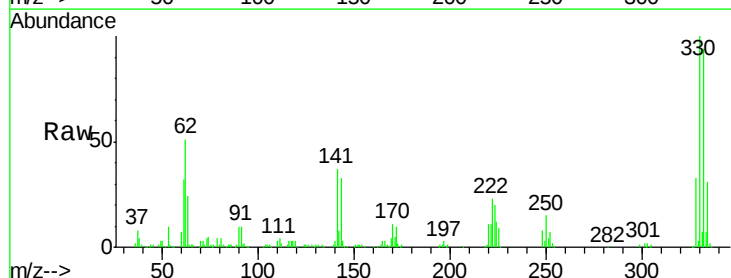
Delta R.T. -0.03 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

Tgt Ion:330 Resp: 182266

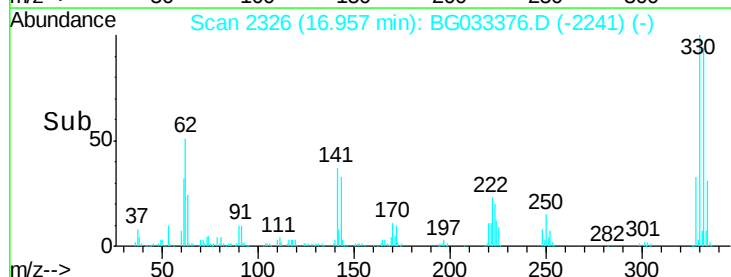
Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	36.1	25.2	37.8



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



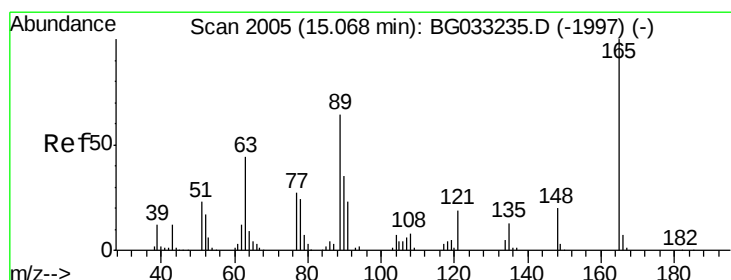
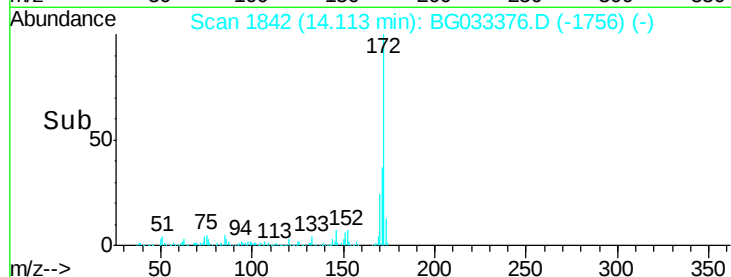
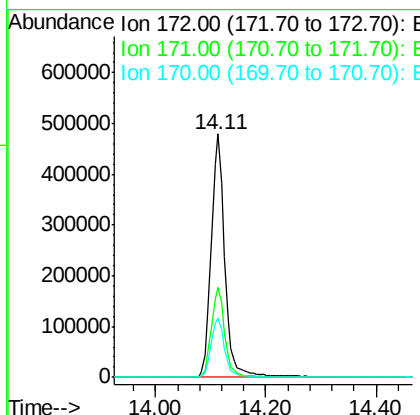
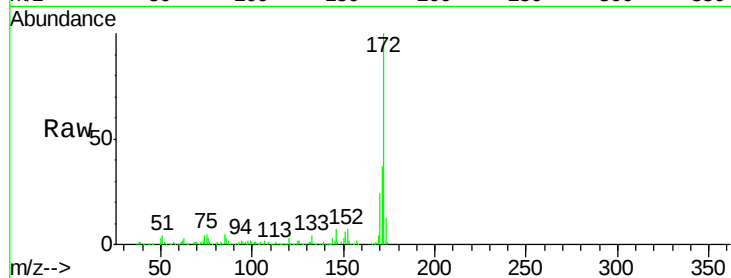
Time-->



#44
2-Fluorobiphenyl
Concen: 92.060 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG033376.D
Acq: 27 Mar 2018 23:58

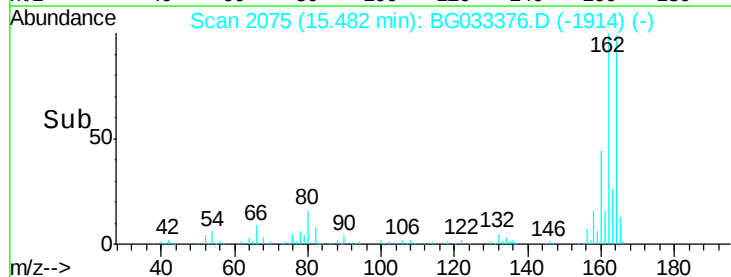
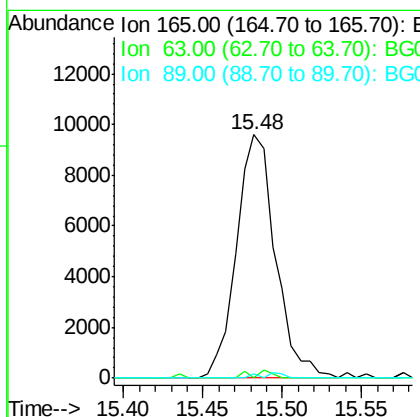
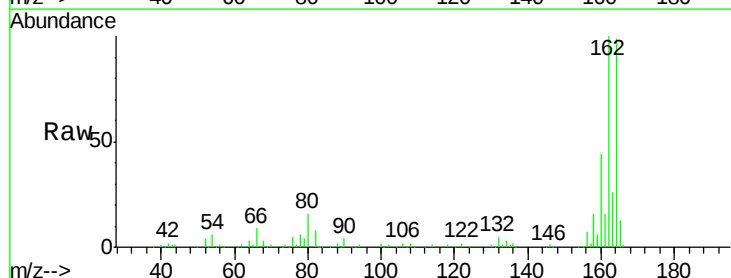
Instrument :
BNA_G
ClientSampleId :

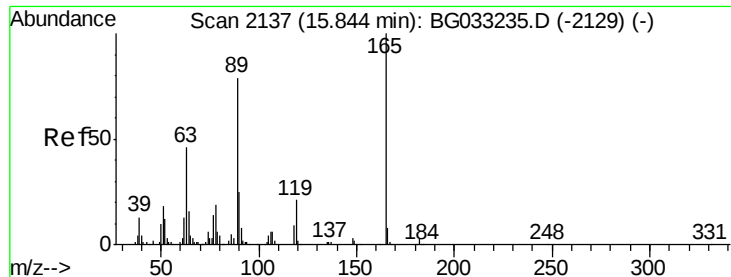
Tot Ion:172 Resp: 817268
Ion Ratio Lower Upper
172 100
171 36.8 30.0 45.0
170 24.2 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.176 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.42 min
Lab File: BG033376.D
Acq: 27 Mar 2018 23:58

Tgt Ion:165 Resp: 16366
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.8 49.2 73.8#

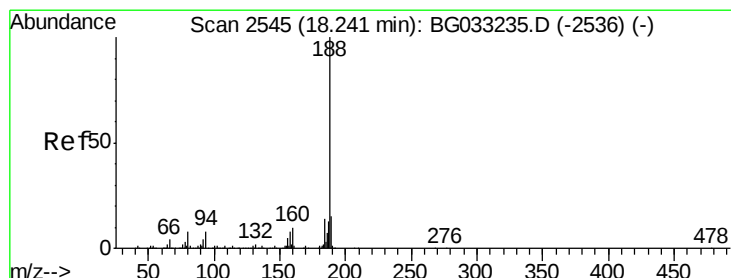
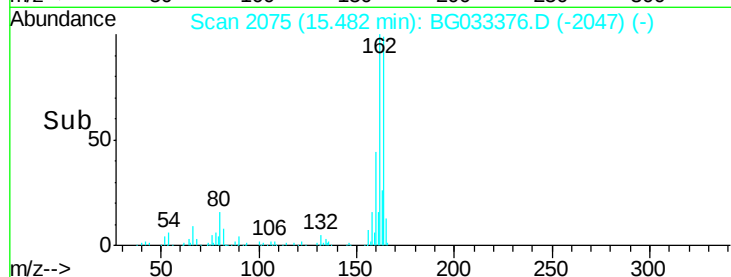
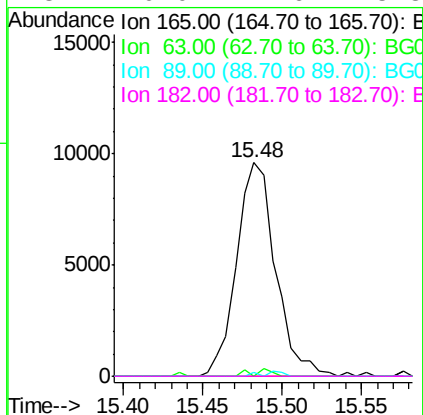
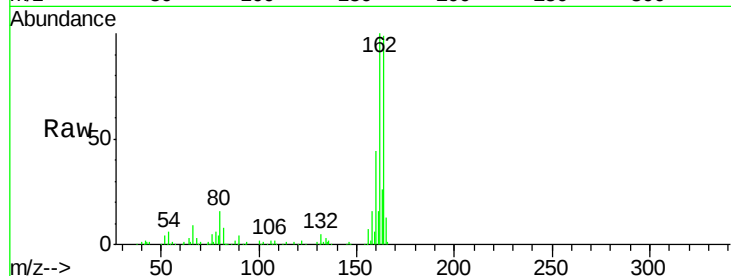




#56
 2,4-Dinitrotoluene
 Concen: 4.874 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.36 min
 Lab File: BG033376.D
 Acq: 27 Mar 2018 23:58

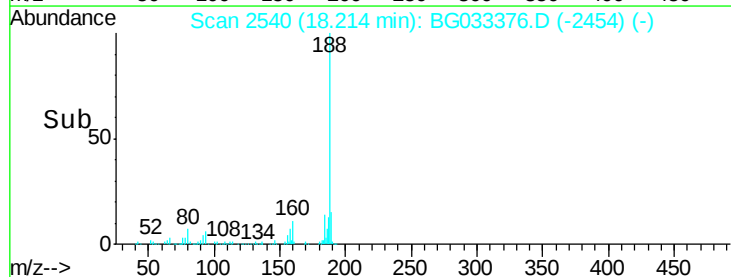
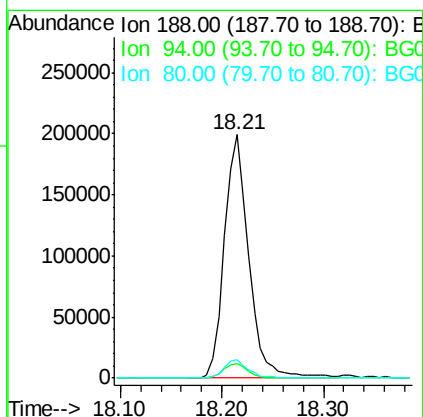
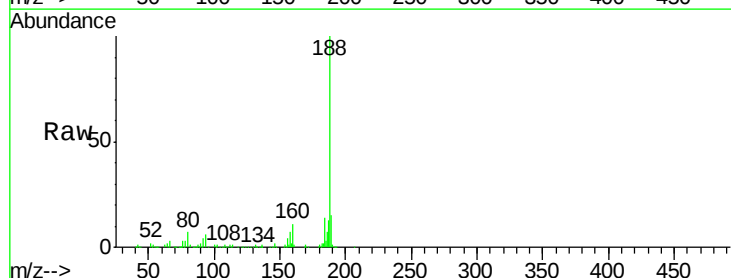
Instrument :
 BNA_G
 ClientSampleId :

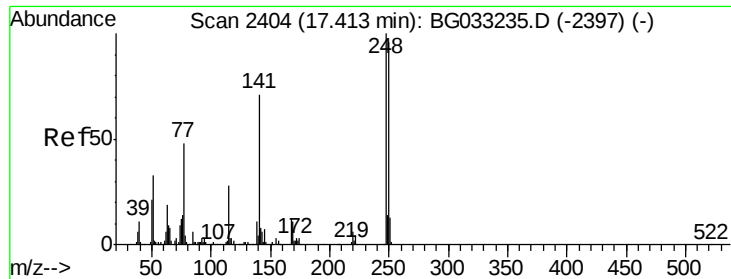
Tot Ion:165 Resp: 16366
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.8 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.02 min
 Lab File: BG033376.D
 Acq: 27 Mar 2018 23:58

Tgt Ion:188 Resp: 334111
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.9 10.3#
 80 7.3 7.7 11.5#

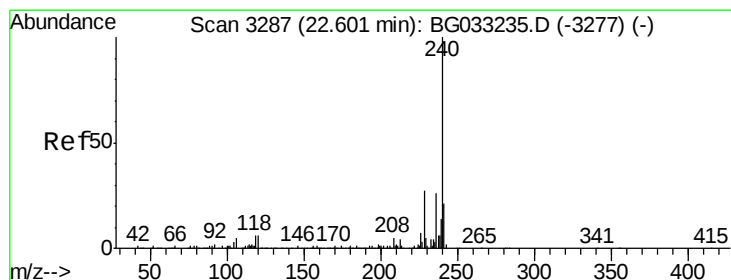
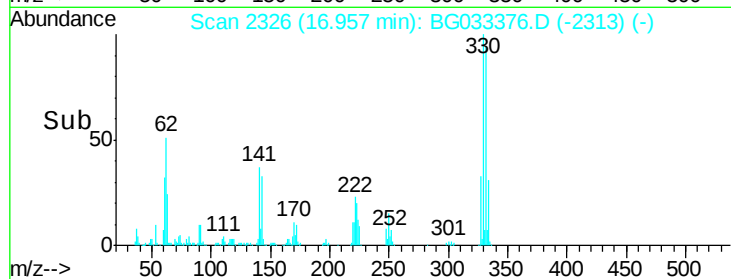
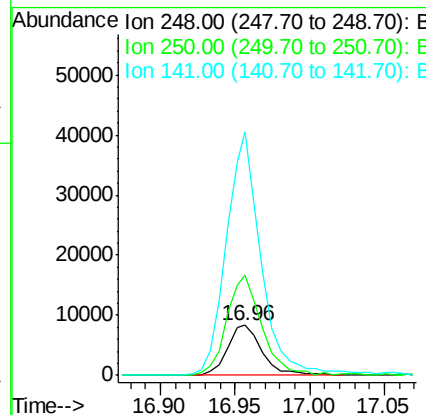
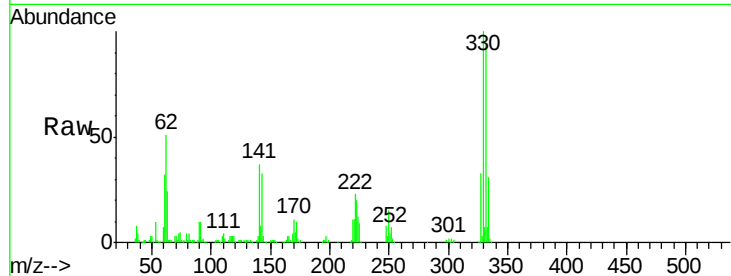




#66
4-Bromophenyl-phenylether
Concen: 3.460 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.45 min
Lab File: BG033376.D
Acq: 27 Mar 2018 23:58

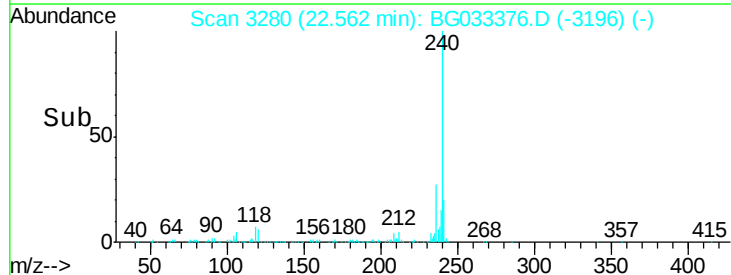
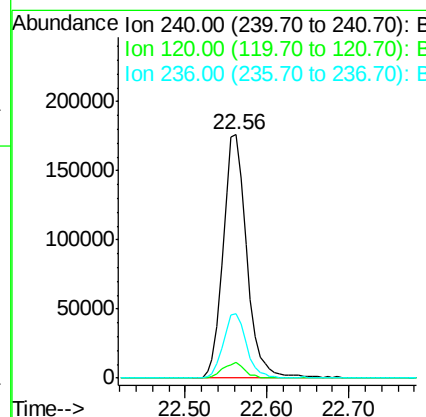
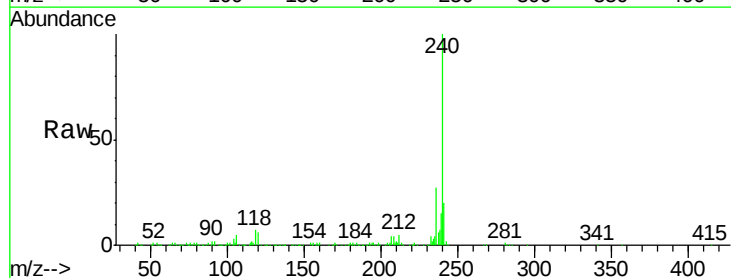
Instrument :
BNA_G
ClientSampleId :

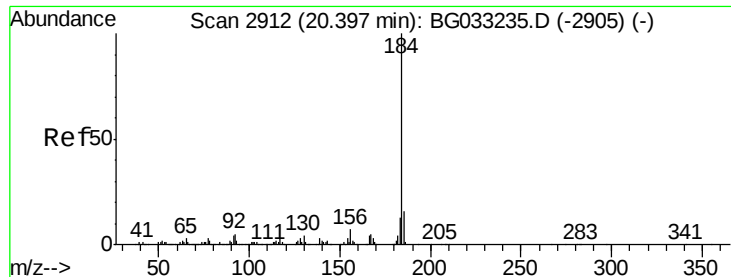
Tot Ion:248 Resp: 13577
Ion Ratio Lower Upper
248 100
250 199.1 77.1 115.7#
141 485.4 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033376.D
Acq: 27 Mar 2018 23:58

Tgt Ion:240 Resp: 355494
Ion Ratio Lower Upper
240 100
120 6.3 6.8 10.2#
236 26.7 20.9 31.3





#76

Benzidine

Concen: 2.294 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.34 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

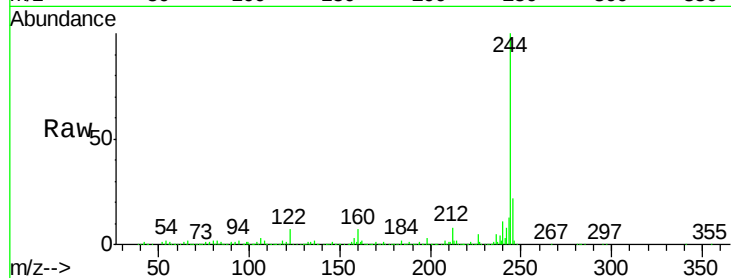
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 22112

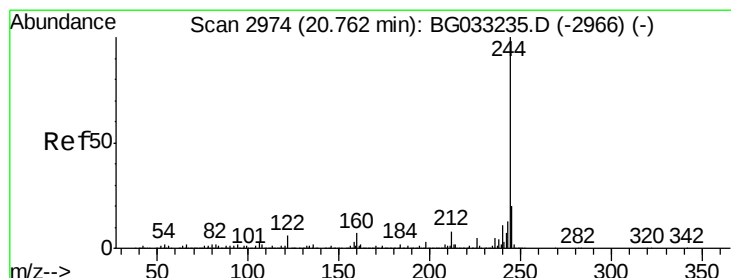
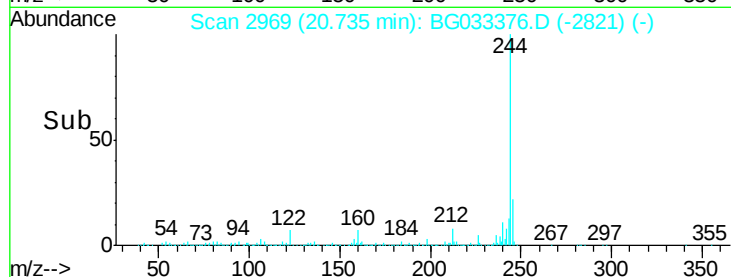
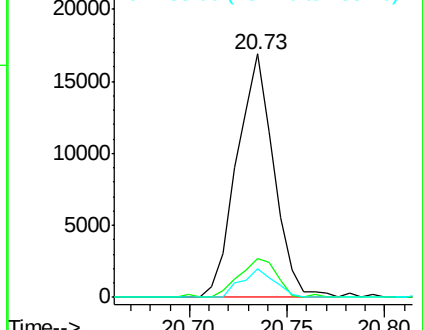
Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.1	16.7
183	11.6	10.6	16.0



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: 84.202 ng

RT: 20.73 min Scan# 2969

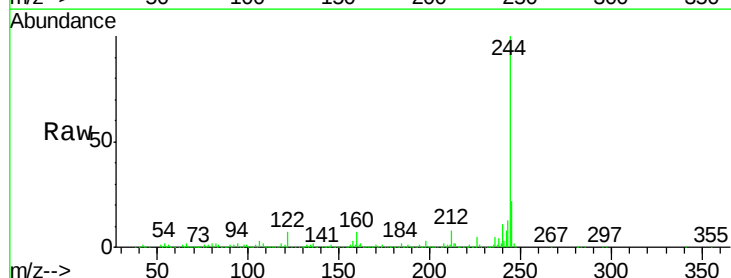
Delta R.T. -0.02 min

Lab File: BG033376.D

Acq: 27 Mar 2018 23:58

Tgt Ion:244 Resp: 1399661

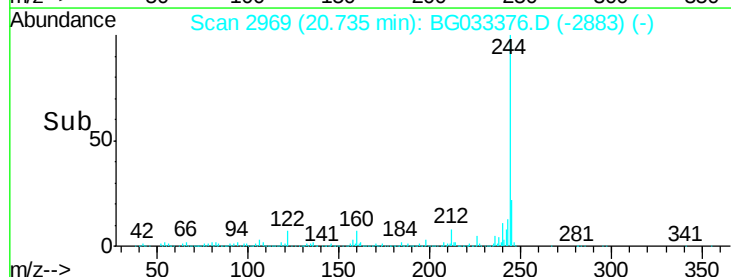
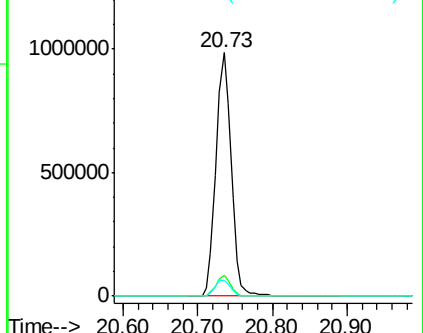
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	6.6	7.0	10.4

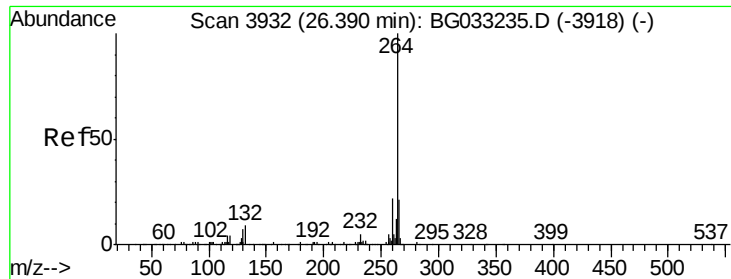


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.33 min Scan# 3921
Delta R.T. -0.06 min
Lab File: BG033376.D
Acq: 27 Mar 2018 23:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.4	17.7	26.5

