

Data File : BG033400.D
Acq On : 28 Mar 2018 23:59
Operator : SJ/JU
Sample : J2097-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PZ-8

Quant Time: Mar 29 06:33:11 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	8.86	152	39899	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	170952	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	130773	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	303441	20.00	ng	0.00
75) Chrysene-d12	22.56	240	327282	20.00	ng	0.00
86) Perylene-d12	26.33	264	358145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	110743	52.05	ng	0.00
7) Phenol-d6	7.99	99	93272	25.51	ng	0.00
23) Nitrobenzene-d5	10.07	82	281489	75.65	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	203236	103.91	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	715935	79.03	ng	0.00
78) Terphenyl-d14	20.74	244	1198453	78.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.07	70	36839	13.75	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	17249	7.41	ng	# 20
53) 2,4-Dinitrophenol	15.82	184	62	7.69	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	17248	5.03	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	15165	4.26	ng	# 1
76) Benzidine	20.74	184	19970	2.25	ng	99

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

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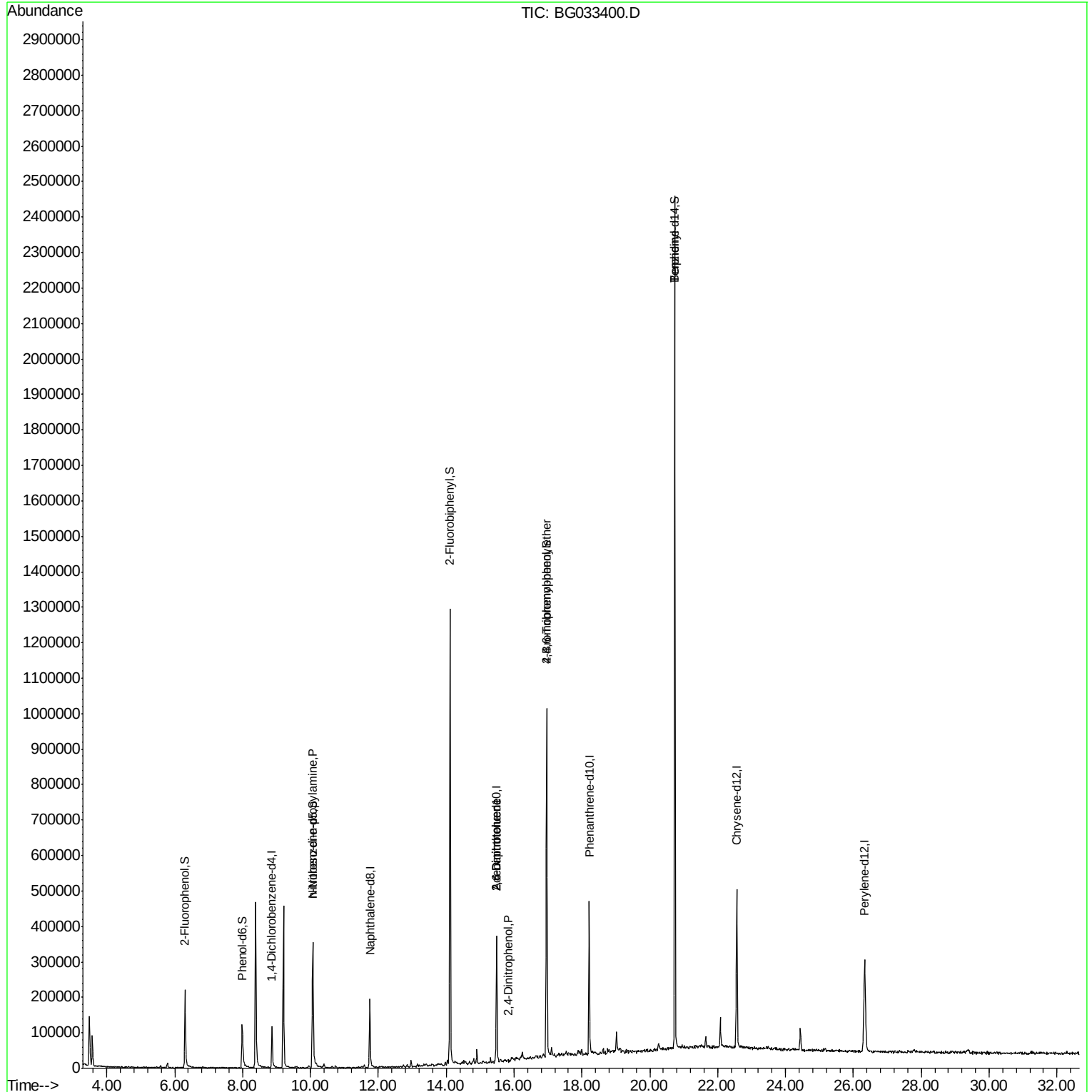
Quant Time: Mar 29 06:33:11 2018

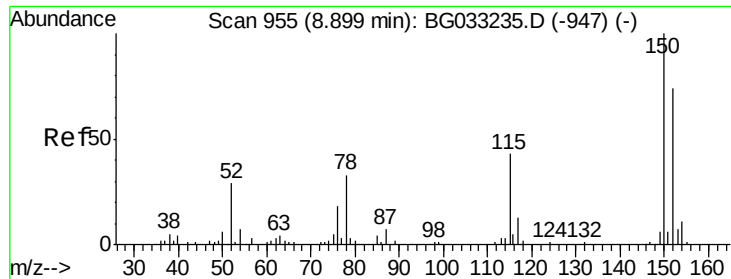
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M

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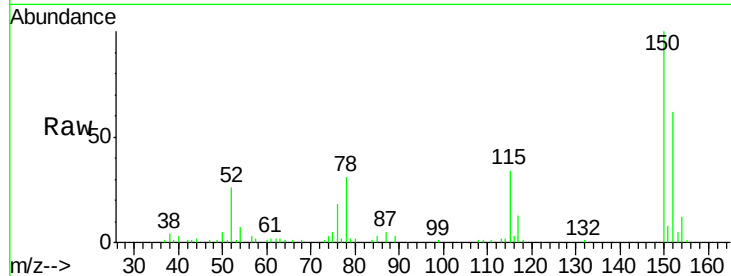




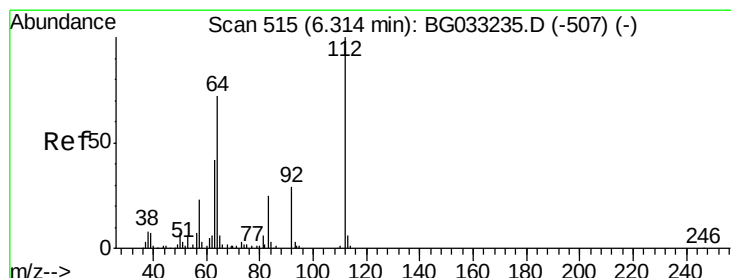
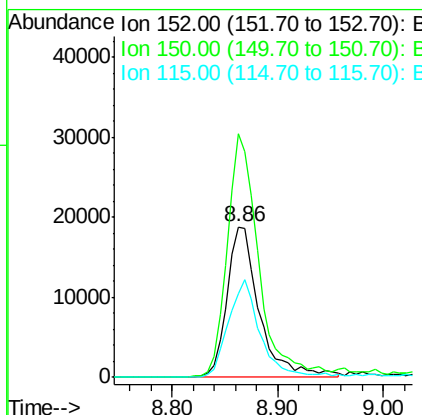
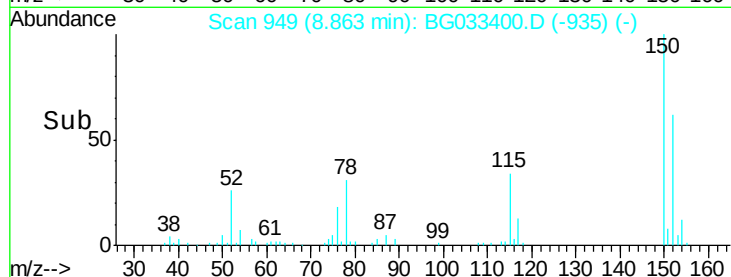
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BG033400.D
 Acq: 28 Mar 2018 23:59

Instrument :
 BNA_G
 ClientSampleId :
 PZ-8

Tgt Ion:152 Resp: 39899
 Ion Ratio Lower Upper
 152 100
 150 161.5 126.6 189.8
 115 55.5 53.0 79.4

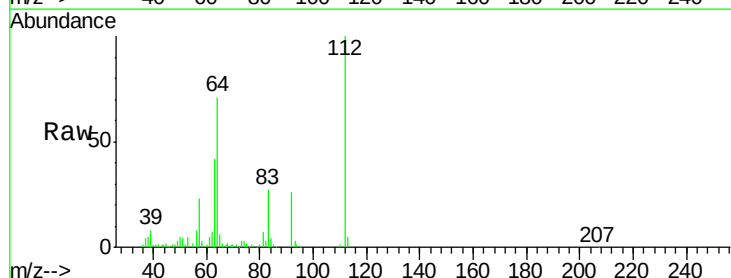


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

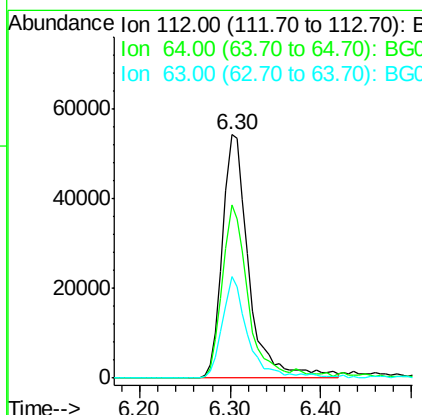
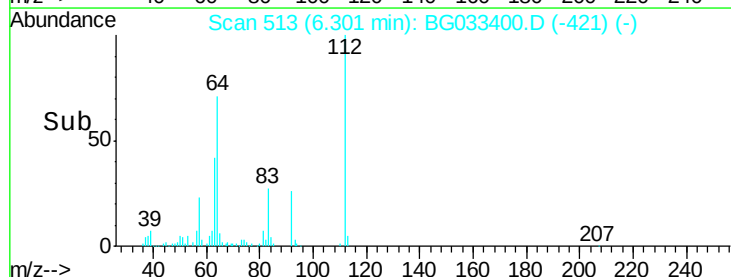


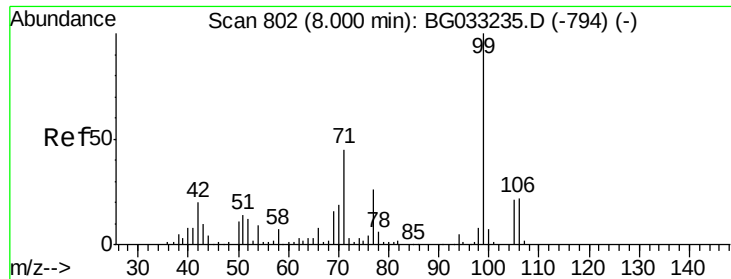
#5
 2-Fluorophenol
 Concen: 52.05 ng
 RT: 6.30 min Scan# 513
 Delta R.T. 0.01 min
 Lab File: BG033400.D
 Acq: 28 Mar 2018 23:59

Tgt Ion:112 Resp: 110743
 Ion Ratio Lower Upper
 112 100
 64 70.9 56.3 84.5
 63 42.0 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: 25.51 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033400.D

Acq: 28 Mar 2018 23:59

Instrument :

BNA_G

ClientSampleId :

PZ-8

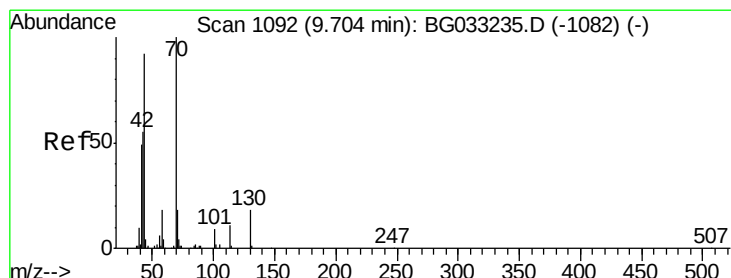
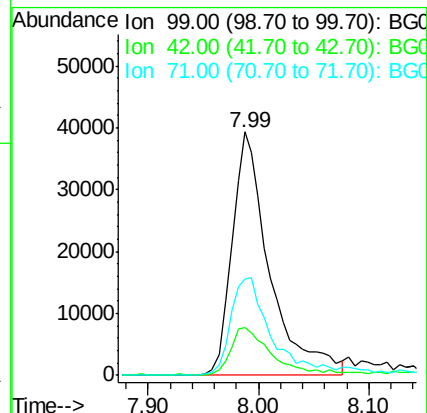
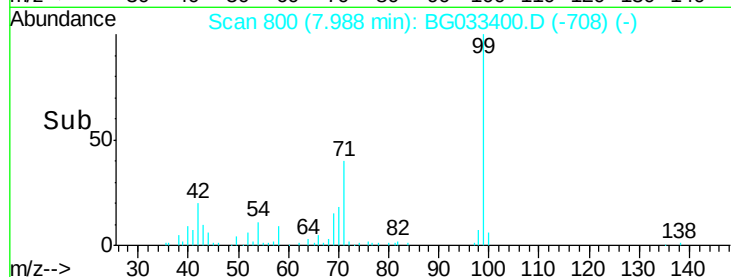
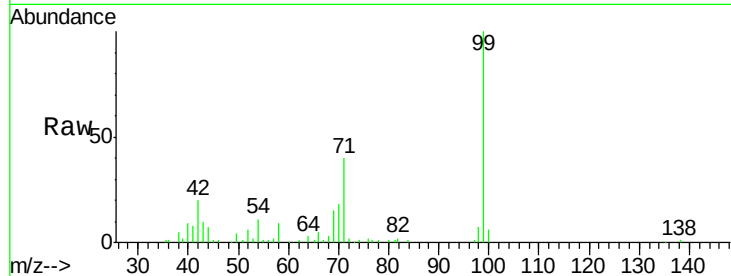
Tgt Ion: 99 Resp: 93272

Ion Ratio Lower Upper

99 100

42 19.7 14.1 21.1

71 39.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.75 ng

RT: 10.07 min Scan# 1154

Delta R.T. 0.39 min

Lab File: BG033400.D

Acq: 28 Mar 2018 23:59

Tgt Ion: 70 Resp: 36839

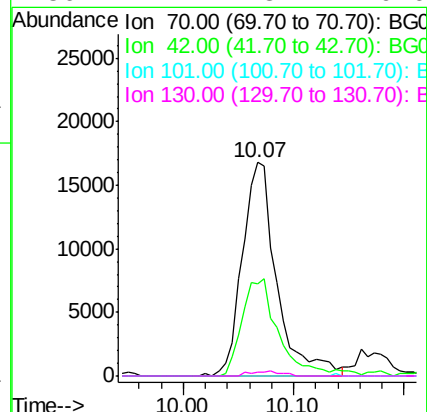
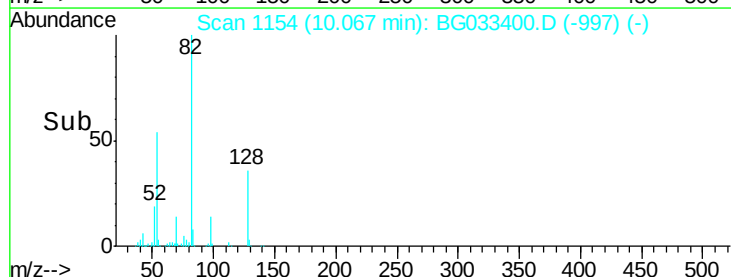
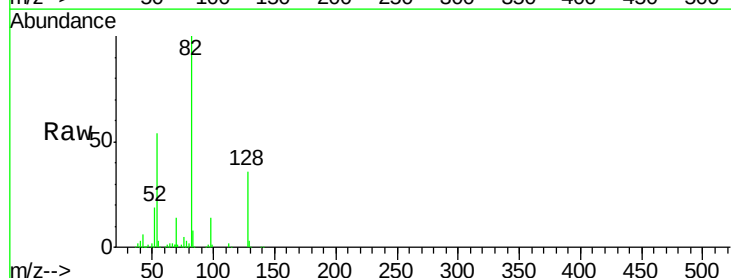
Ion Ratio Lower Upper

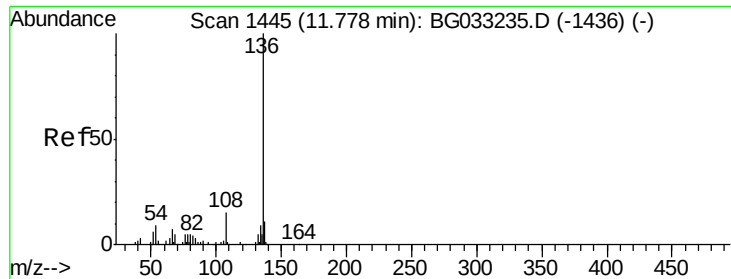
70 100

42 43.3 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

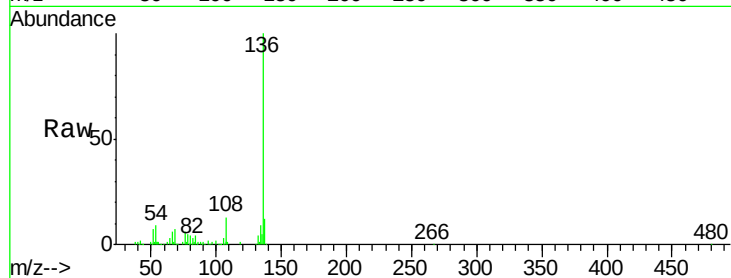




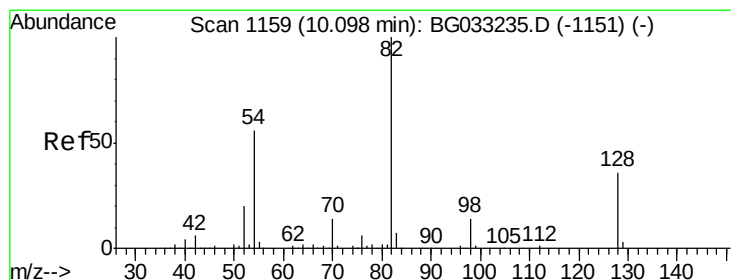
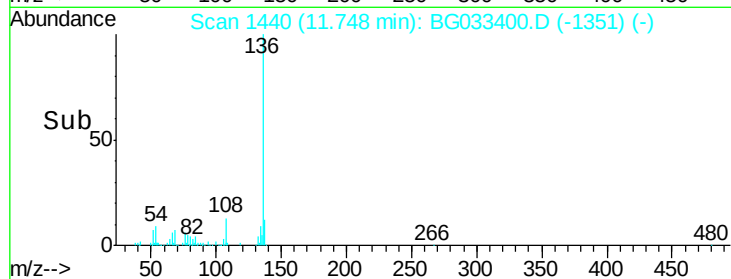
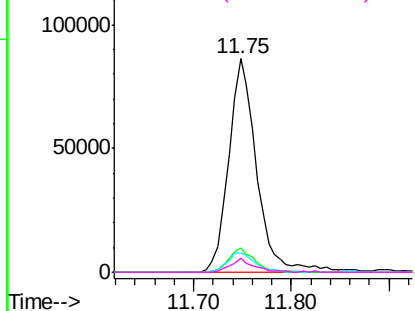
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion:	136	Resp:	170952
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	9.5	10.3	15.5#
68	6.6	4.5	6.7

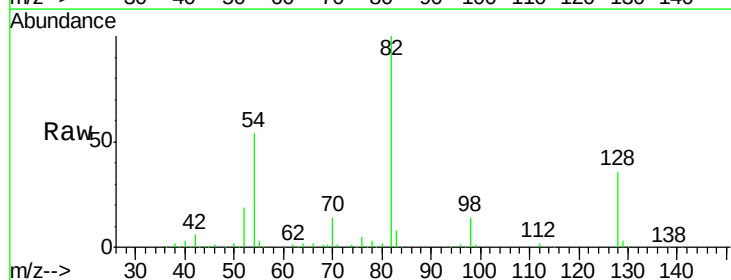


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

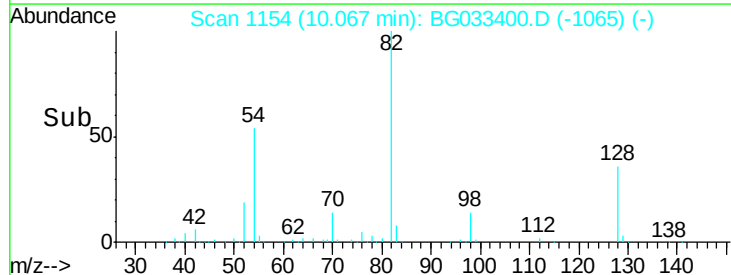
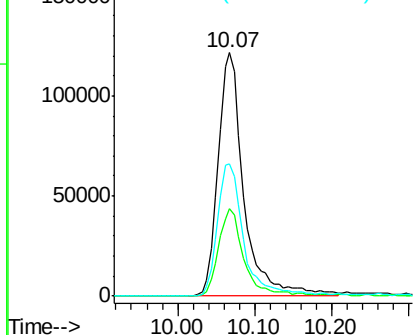


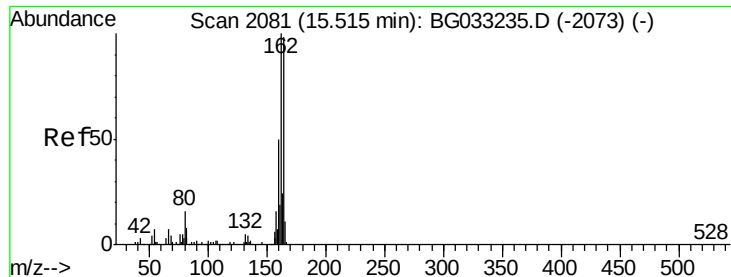
#23
Nitrobenzene-d5
Concen: 75.65 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Tgt Ion:	82	Resp:	281489
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	54.3	43.1	64.7



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

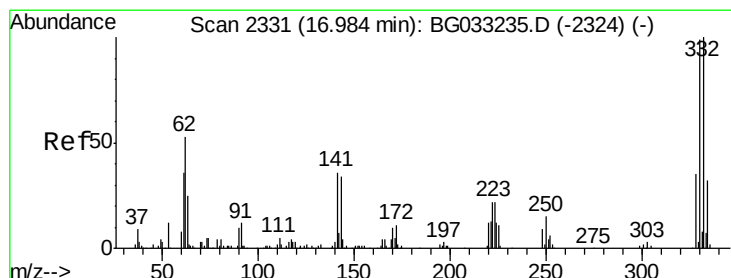
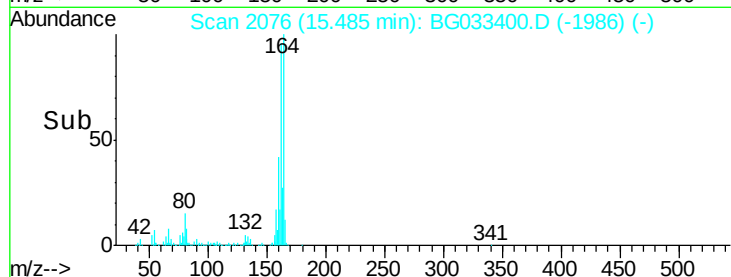
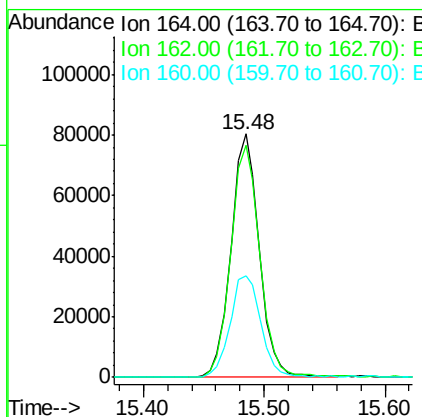
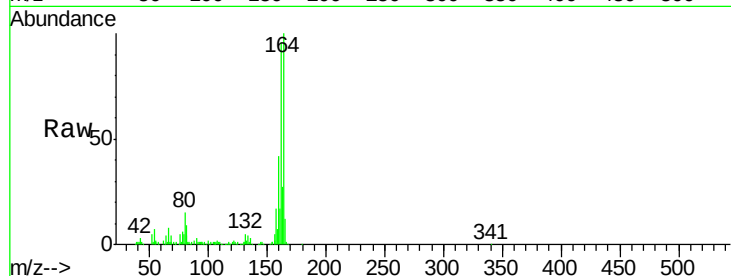




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

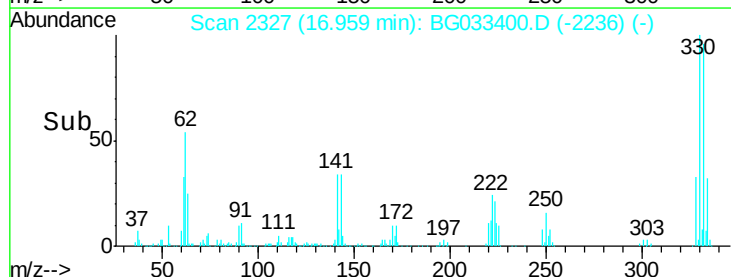
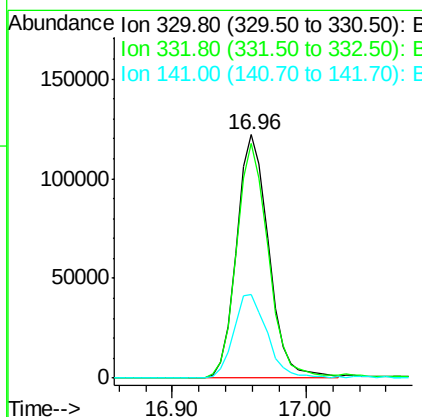
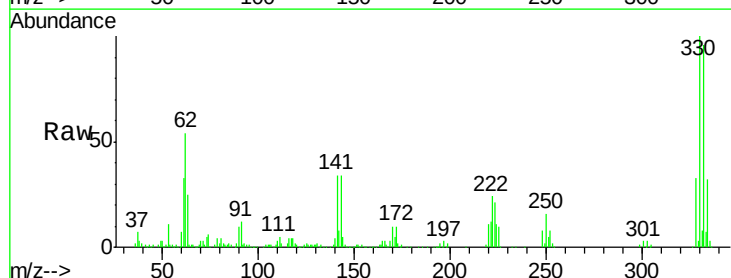
Instrument :
BNA_G
ClientSampleId :
PZ-8

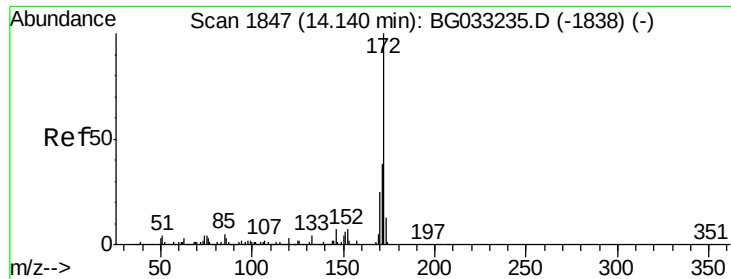
Tgt Ion:164 Resp: 130773
Ion Ratio Lower Upper
164 100
162 95.5 78.8 118.2
160 41.7 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 103.91 ng
RT: 16.96 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Tgt Ion:330 Resp: 203236
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 35.9 25.2 37.8

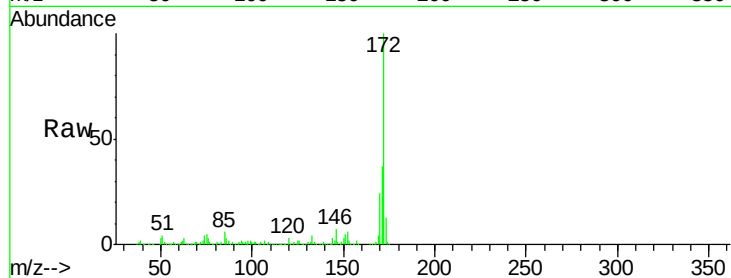




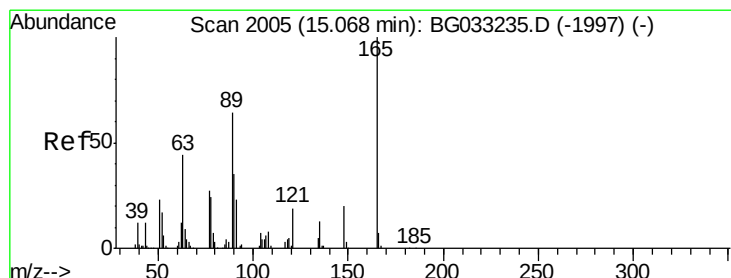
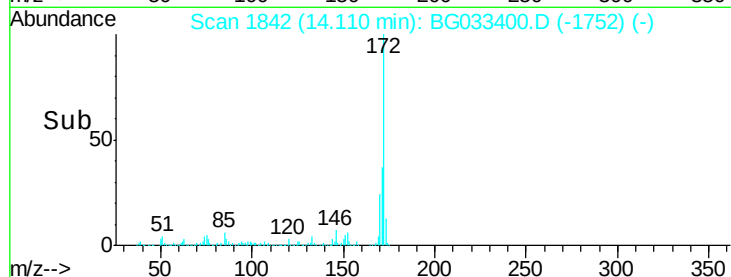
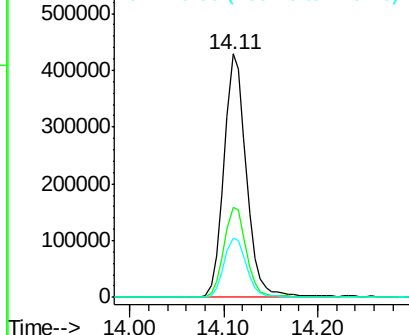
#44
 2-Fluorobiphenyl
 Concen: 79.03 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033400.D
 Acq: 28 Mar 2018 23:59

Instrument :
 BNA_G
 ClientSampleId :
 PZ-8

Tgt Ion:172 Resp: 715935
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 24.3 19.5 29.3

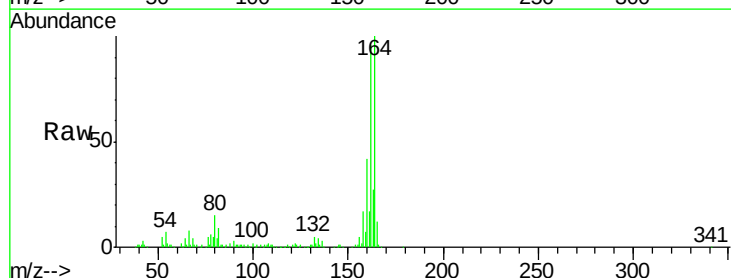


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

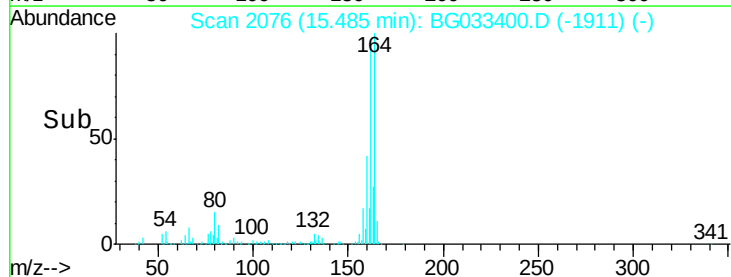
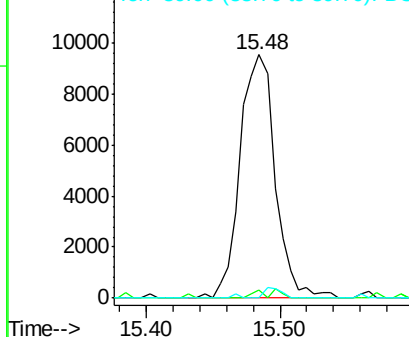


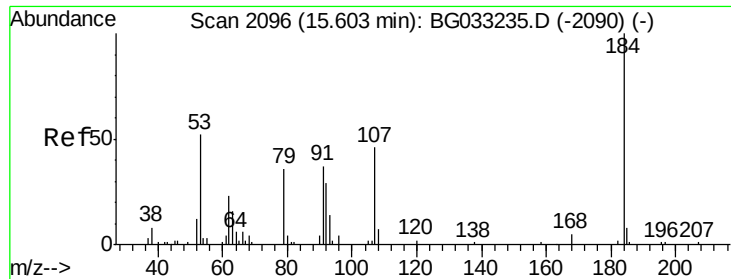
#50
 2,6-Dinitrotoluene
 Concen: 7.41 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. 0.44 min
 Lab File: BG033400.D
 Acq: 28 Mar 2018 23:59

Tgt Ion:165 Resp: 17249
 Ion Ratio Lower Upper
 165 100
 63 3.1 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

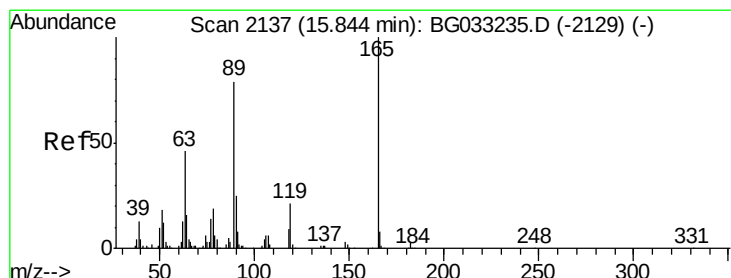
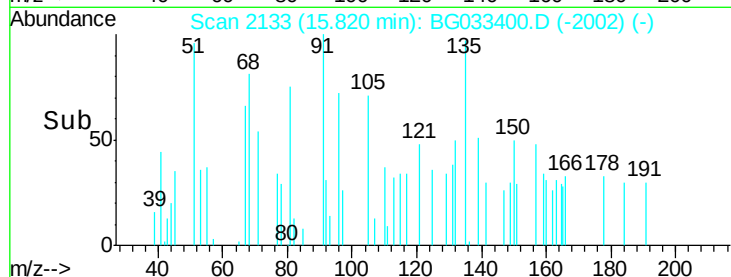
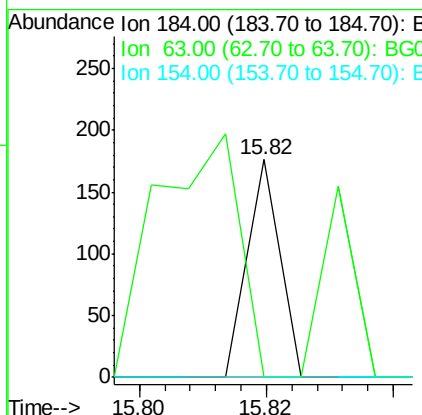
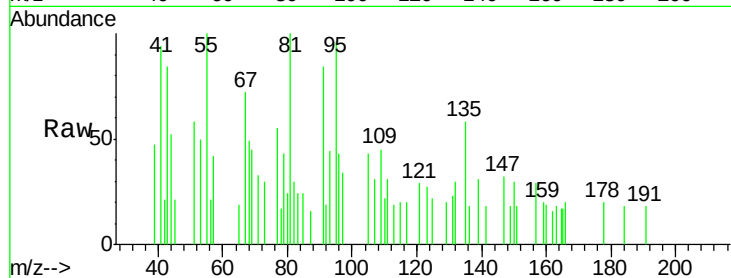




#53
2,4-Dinitrophenol
Concen: 7.69 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.24 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

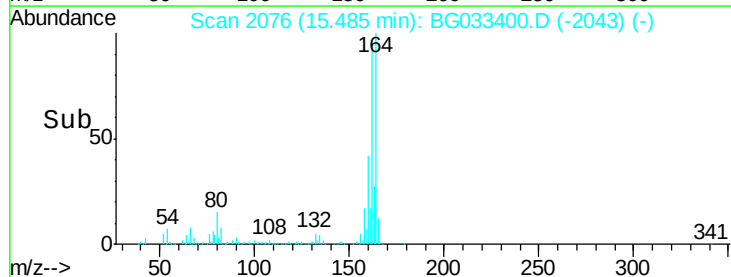
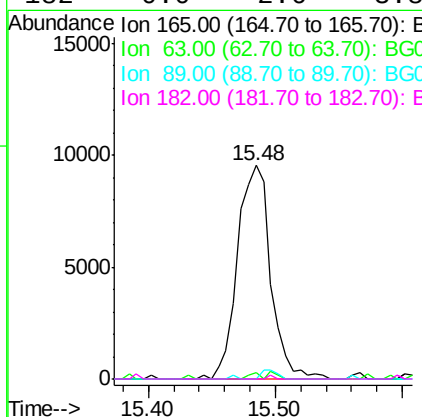
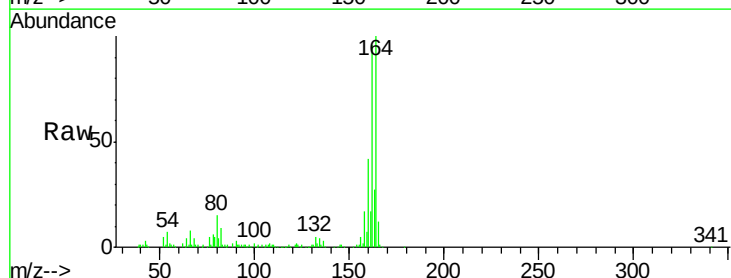
Instrument :
BNA_G
ClientSampled :
PZ-8

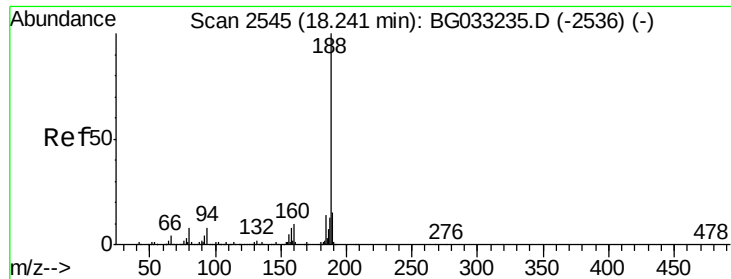
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.03 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.34 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Tgt Ion:165 Resp: 17248
Ion Ratio Lower Upper
165 100
63 3.1 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.22 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BG033400.D

Acq: 28 Mar 2018 23:59

Instrument :

BNA_G

ClientSampleId :

PZ-8

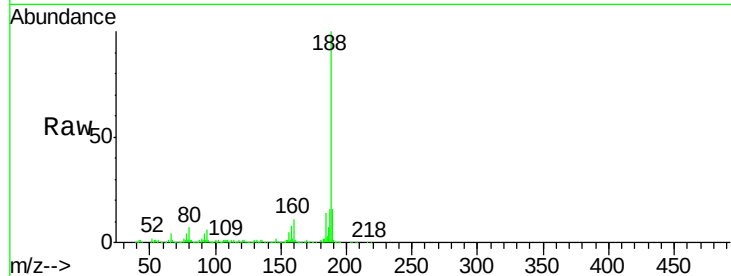
Tgt Ion:188 Resp: 303441

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

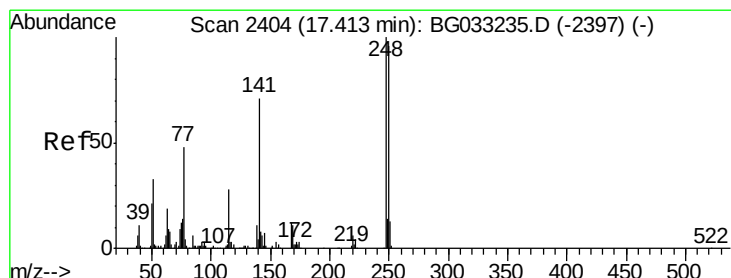
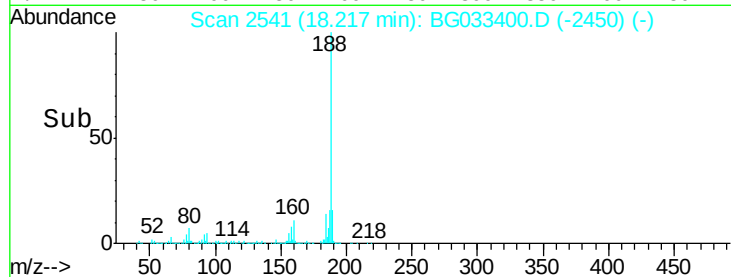
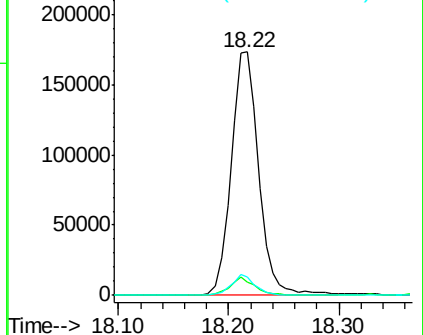
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

4-Bromophenyl-phenylether

Concen: 4.26 ng

RT: 16.96 min Scan# 2327

Delta R.T. -0.43 min

Lab File: BG033400.D

Acq: 28 Mar 2018 23:59

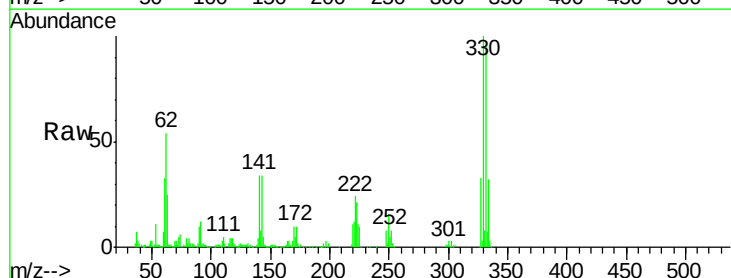
Tgt Ion:248 Resp: 15165

Ion Ratio Lower Upper

248 100

250 205.8 77.1 115.7#

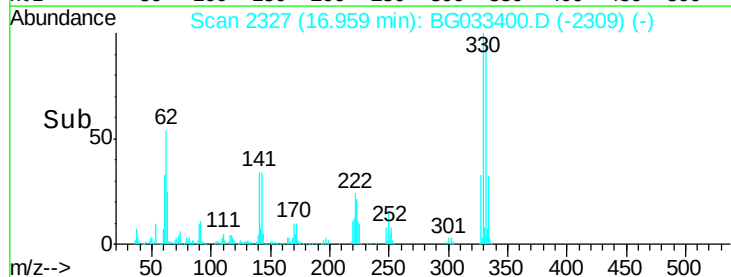
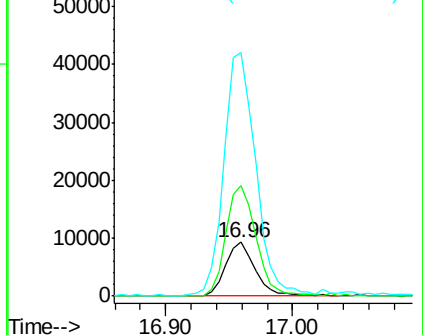
141 451.0 50.8 76.2#

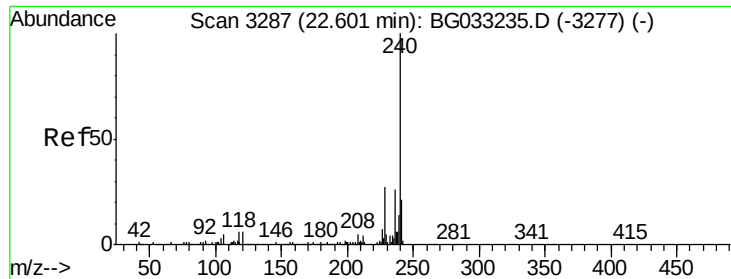


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.56 min Scan# 3281

Delta R.T. 0.00 min

Lab File: BG033400.D

Acq: 28 Mar 2018 23:59

Instrument :

BNA_G

ClientSampleId :

PZ-8

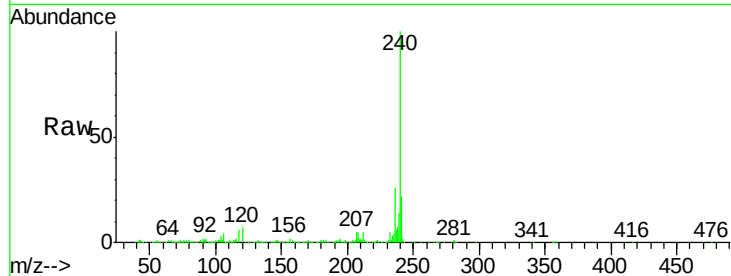
Tgt Ion:240 Resp: 327282

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

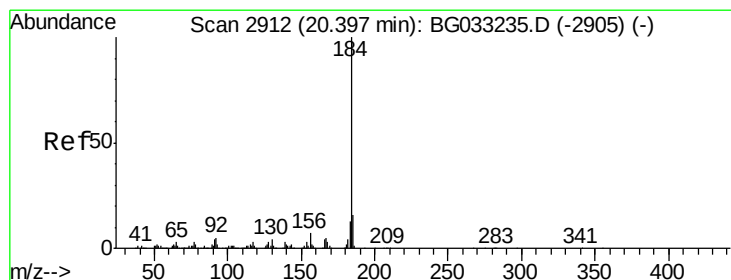
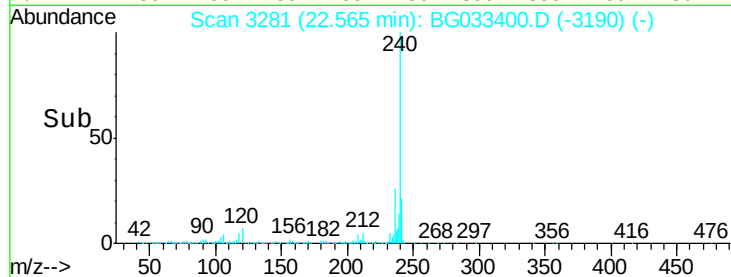
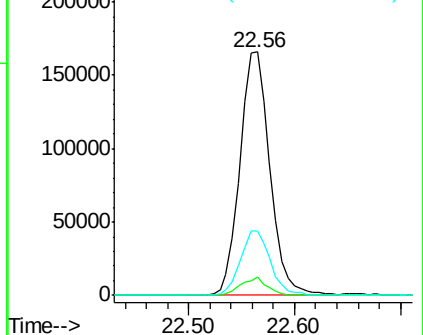
236 26.3 20.9 31.3



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: 2.25 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.37 min

Lab File: BG033400.D

Acq: 28 Mar 2018 23:59

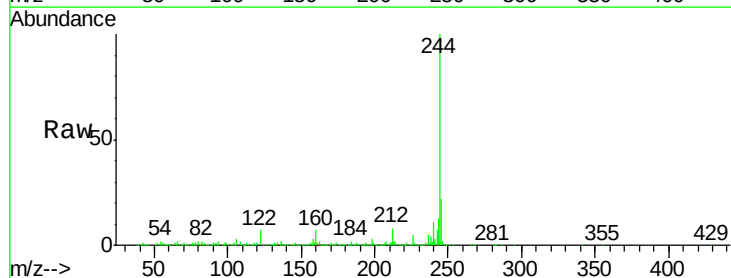
Tgt Ion:184 Resp: 19970

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

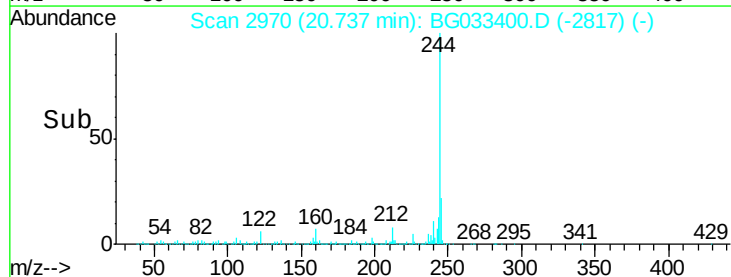
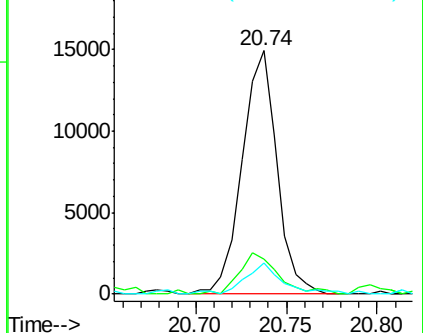
183 13.0 10.6 16.0

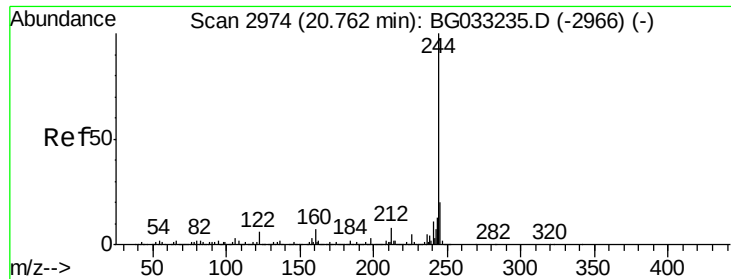


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 78.31 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033400.D

Acq: 28 Mar 2018 23:59

Instrument :

BNA_G

ClientSampleId :

PZ-8

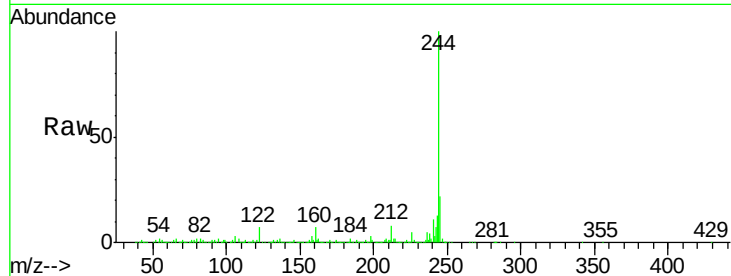
Tgt Ion:244 Resp: 1198453

Ion Ratio Lower Upper

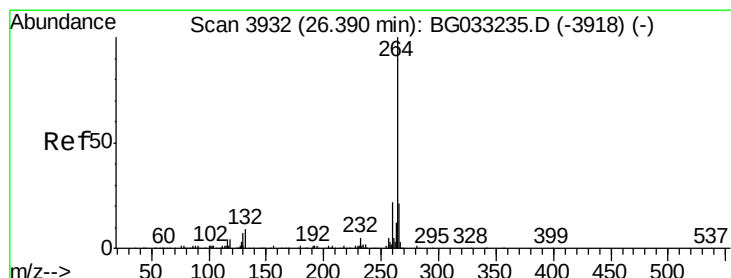
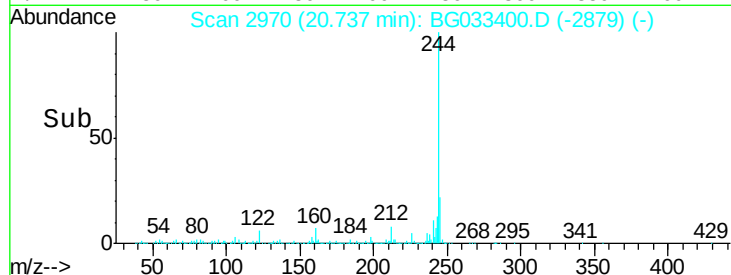
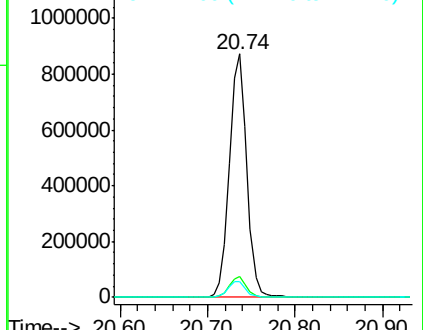
244 100

212 8.5 5.8 8.8

122 6.5 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

Perylene-d12

Concen: 20.00 ng

RT: 26.33 min Scan# 3922

Delta R.T. -0.00 min

Lab File: BG033400.D

Acq: 28 Mar 2018 23:59

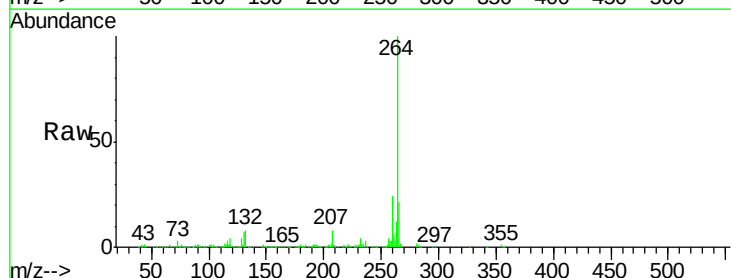
Tgt Ion:264 Resp: 358145

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.4 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

