

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033883.D
 Acq On : 20 Apr 2018 13:09
 Operator : SJ/JU
 Sample : J2455-31
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Apr 21 05:13:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

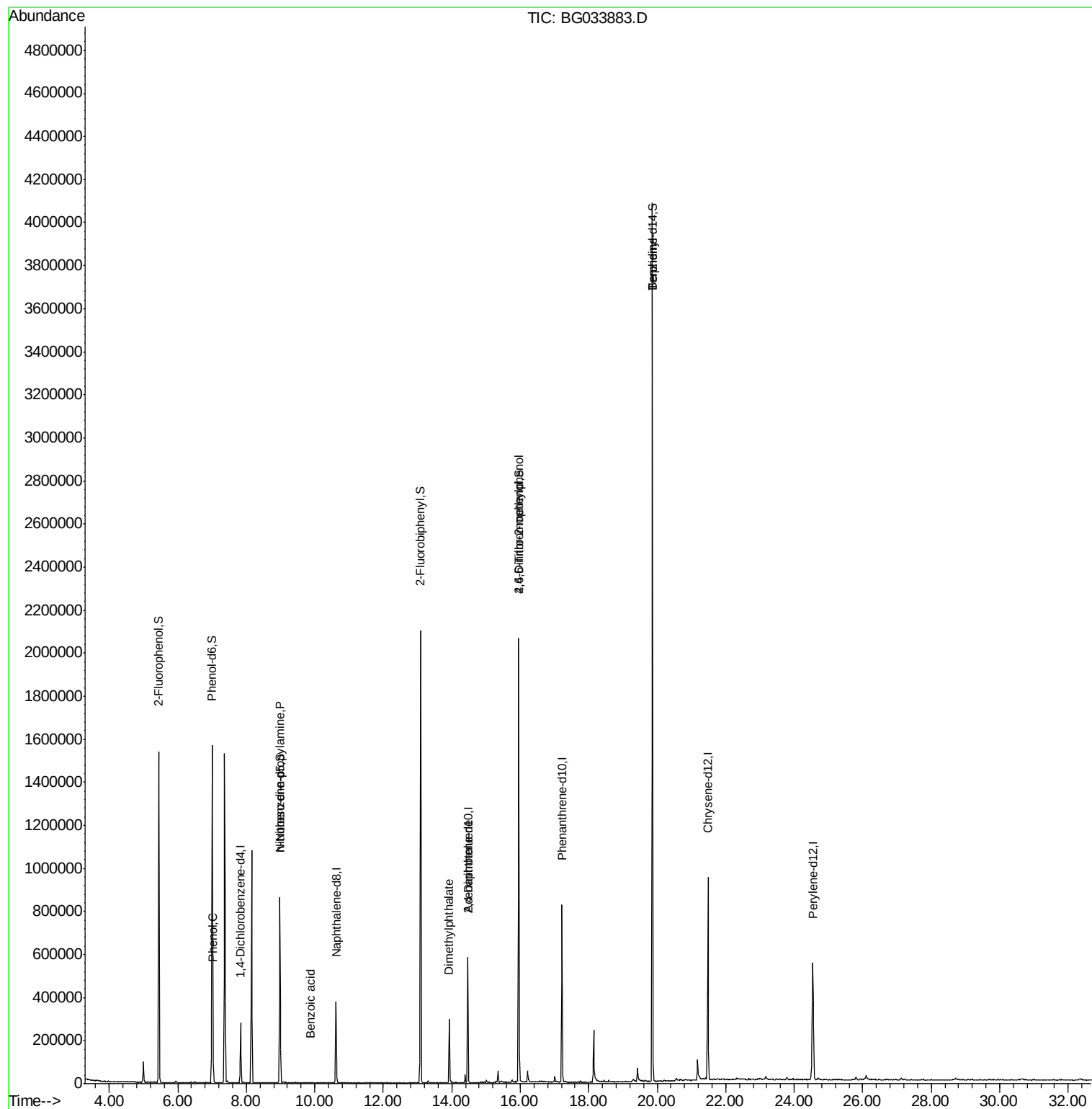
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	74219	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	320637	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	204259	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	504199	20.00	ng	0.00
75) Chrysene-d12	21.48	240	536851	20.00	ng	-0.01
86) Perylene-d12	24.54	264	543522	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	637890	137.22	ng	0.00
7) Phenol-d6	7.01	99	865325	127.62	ng	0.00
23) Nitrobenzene-d5	8.98	82	522975	92.82	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	351477	147.49	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1134798	81.61	ng	0.00
78) Terphenyl-d14	19.86	244	1850194	77.43	ng	0.00
Target Compounds						
9) Benzaldehyde	7.01	77	2156	Below Cal	Qvalue	
10) Phenol	7.03	94	45735	6.584 ng	#	5
19) n-Nitroso-di-n-propylamine	8.99	70	73254	12.674 ng	#	74
32) Benzoic acid	9.87	122	63	5.096 ng	#	1
49) Dimethylphthalate	13.93	163	187882	10.457 ng		99
56) 2,4-Dinitrotoluene	14.46	165	26199	5.786 ng	#	19
64) 4,6-Dinitro-2-methylphenol	15.96	198	1083	6.875 ng		73
76) Benzydine	19.86	184	31690	2.186 ng	#	95

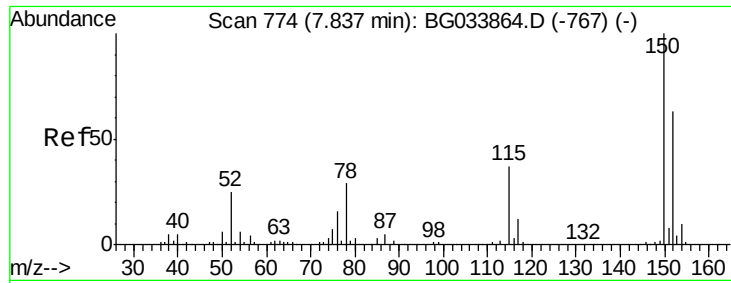
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
Data File : BG033883.D
Acq On : 20 Apr 2018 13:09
Operator : SJ/JU
Sample : J2455-31
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Time: Apr 21 05:13:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

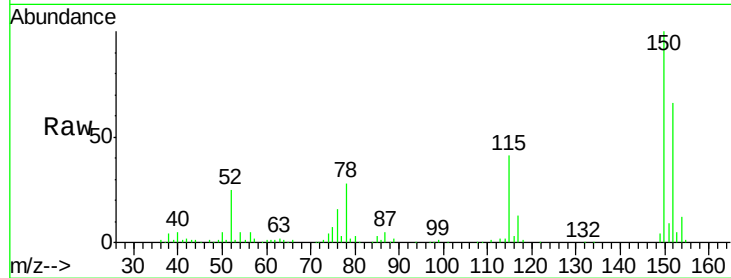




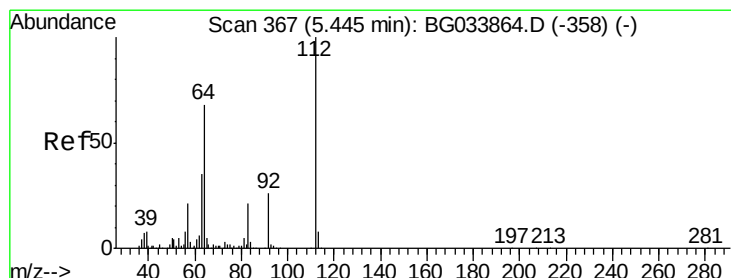
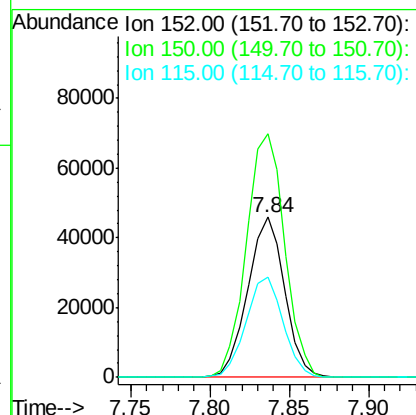
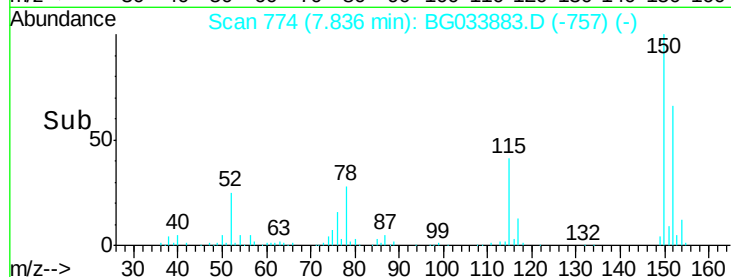
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.84 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BG033883.D
 Acq: 20 Apr 2018 13:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion:152 Resp: 74219
 Ion Ratio Lower Upper
 152 100
 150 152.0 126.6 189.8
 115 62.4 53.0 79.4

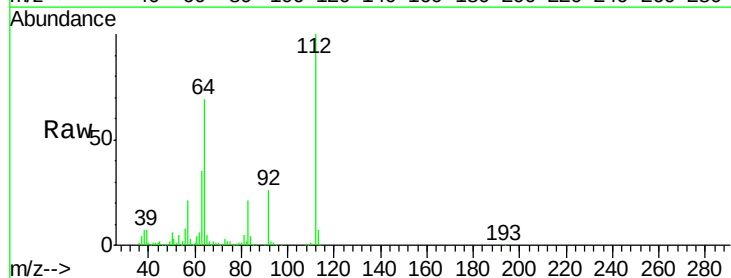


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

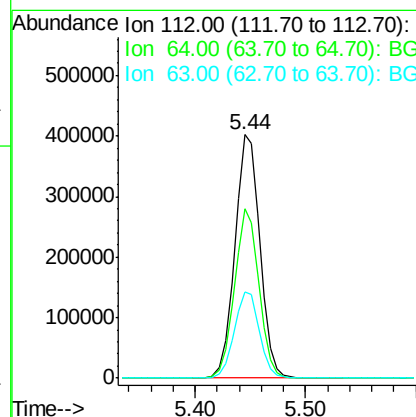
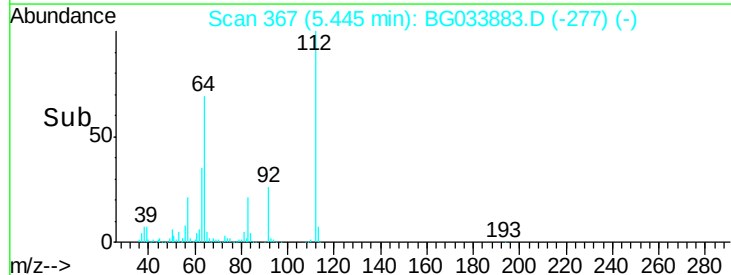


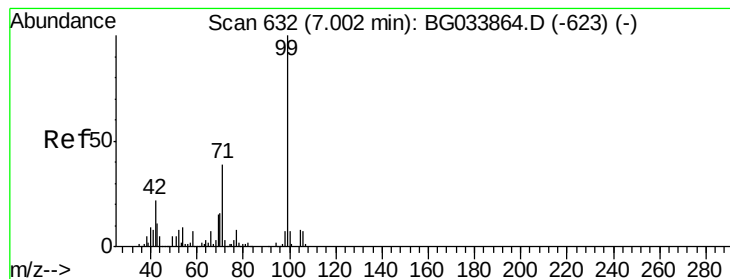
#5
 2-Fluorophenol
 Concen: 137.217 ng
 RT: 5.44 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BG033883.D
 Acq: 20 Apr 2018 13:09

Tgt Ion:112 Resp: 637890
 Ion Ratio Lower Upper
 112 100
 64 69.3 56.3 84.5
 63 35.4 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: 127.620 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.01 min

Lab File: BG033883.D

Acq: 20 Apr 2018 13:09

Instrument :

BNA_G

ClientSampleId :

TP-4

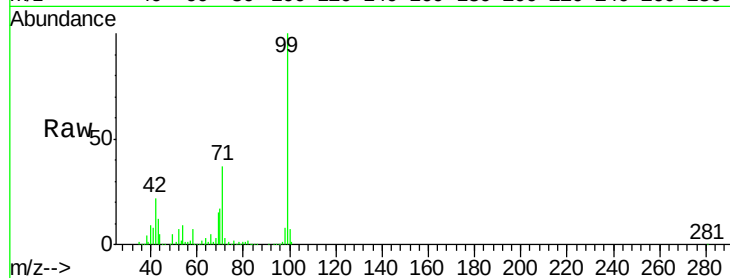
Tot Ion: 99 Resp: 865325

Ion Ratio Lower Upper

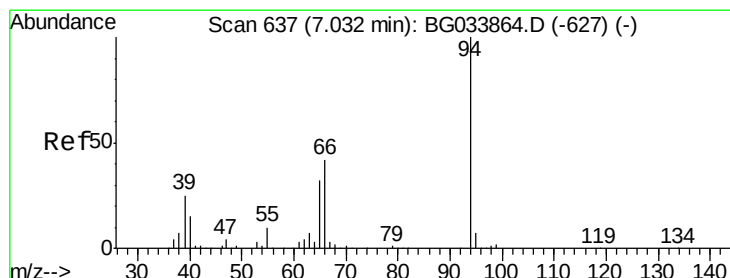
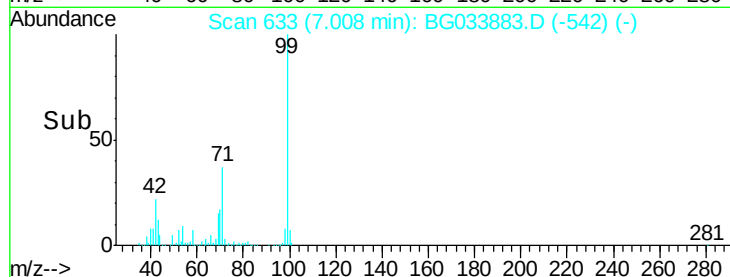
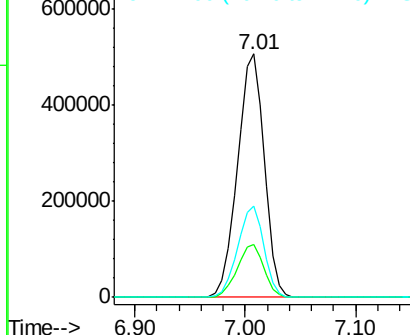
99 100

42 21.7 14.1 21.1#

71 37.5 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



#10

Phenol

Concen: 6.584 ng

RT: 7.03 min Scan# 637

Delta R.T. -0.00 min

Lab File: BG033883.D

Acq: 20 Apr 2018 13:09

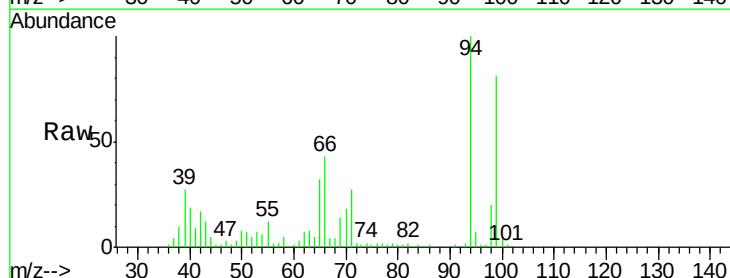
Tgt Ion: 94 Resp: 45735

Ion Ratio Lower Upper

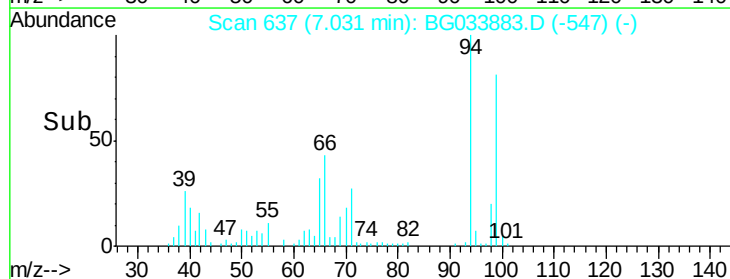
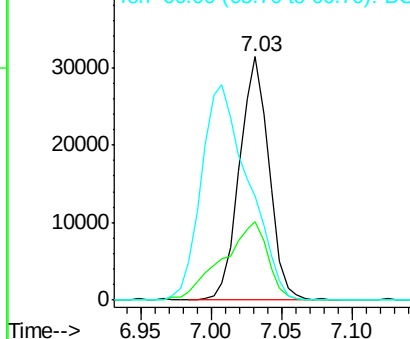
94 100

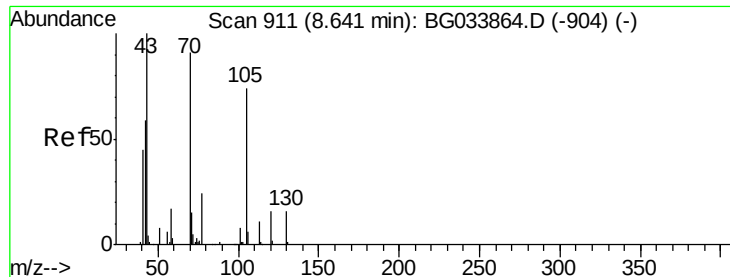
65 32.0 11.9 51.9

66 42.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 12.674 ng

RT: 8.99 min Scan# 970

Delta R.T. 0.35 min

Lab File: BG033883.D

Acq: 20 Apr 2018 13:09

Instrument :

BNA_G

ClientSampleId :

TP-4

Tot Ion: 70 Resp: 73254

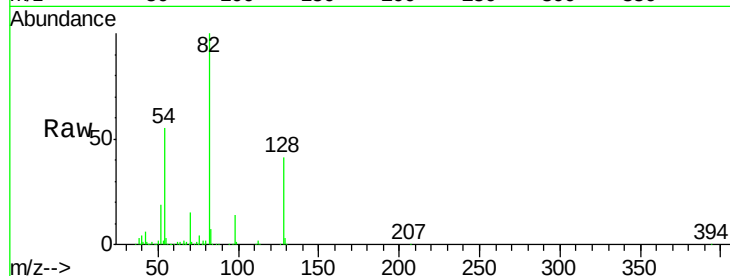
Ion Ratio Lower Upper

70 100

42 44.0 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

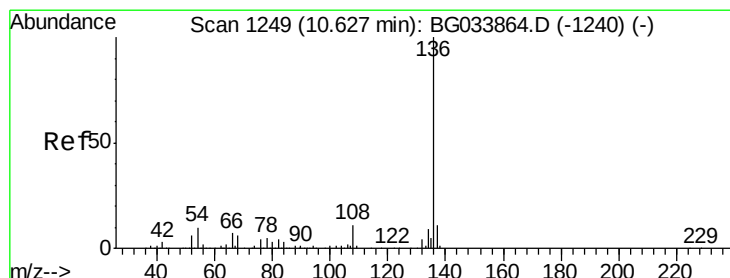
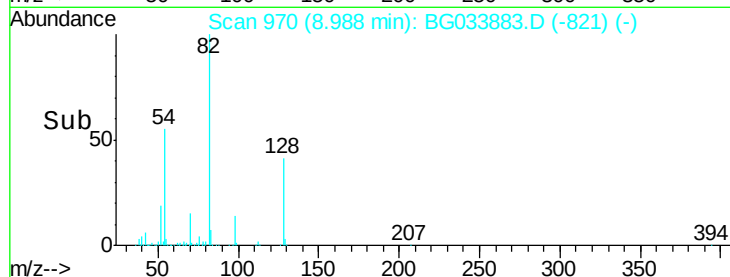
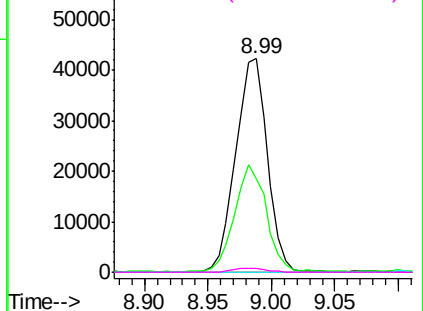


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG033883.D

Acq: 20 Apr 2018 13:09

Tgt Ion: 136 Resp: 320637

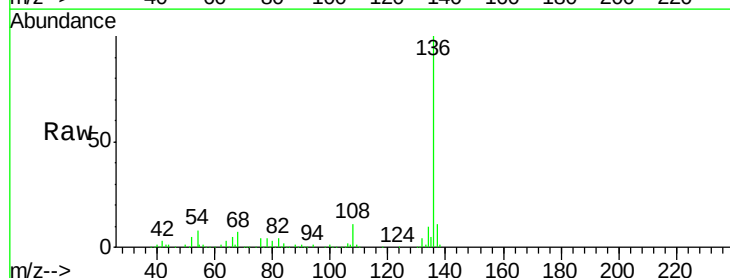
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 9.0 10.3 15.5#

68 6.7 4.5 6.7

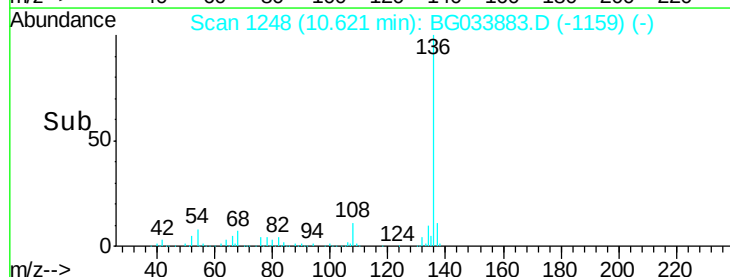
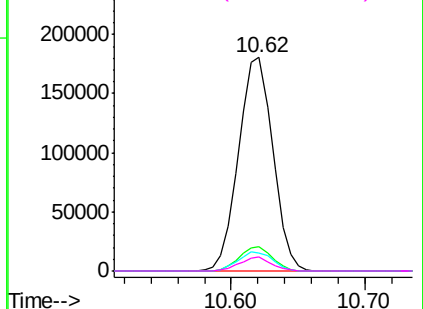


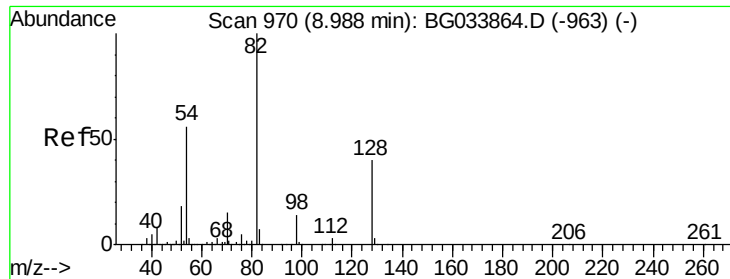
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

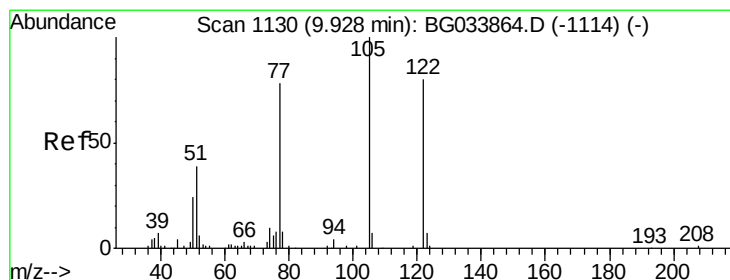
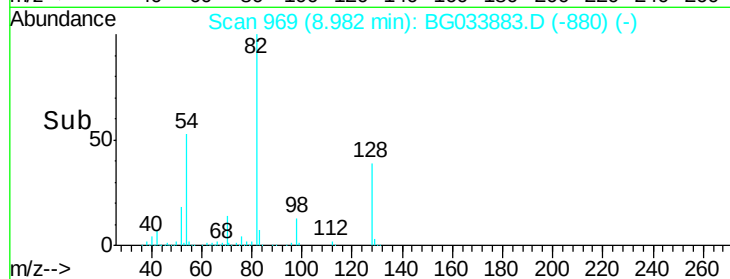
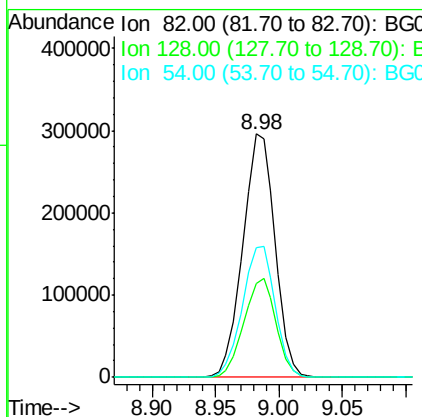
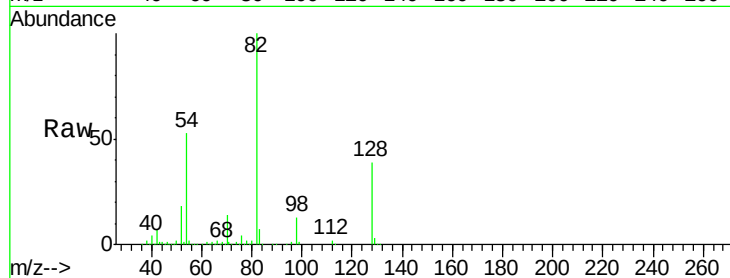




#23
 Nitrobenzene-d5
 Concen: 92.822 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033883.D
 Acq: 20 Apr 2018 13:09

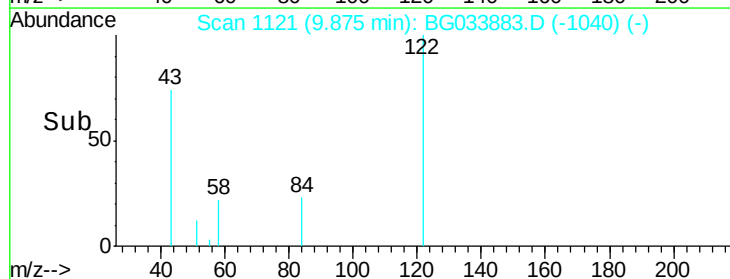
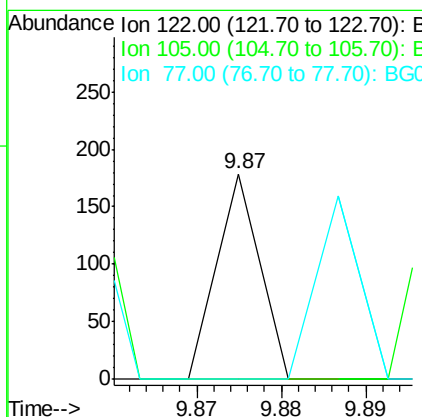
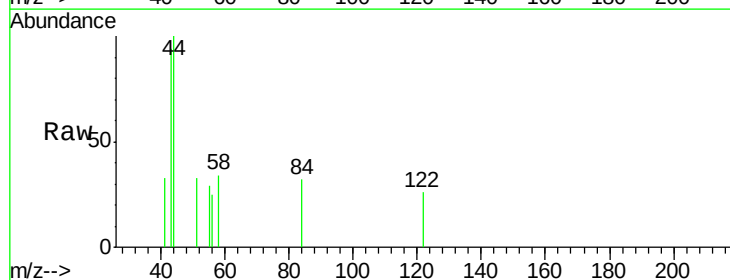
Instrument :
 BNA_G
 ClientSampled :
 TP-4

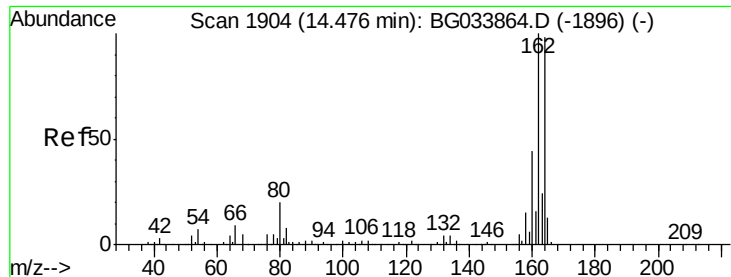
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.7	44.5
54	53.4	43.1	64.7



#32
 Benzoic acid
 Concen: 5.096 ng
 RT: 9.87 min Scan# 1121
 Delta R.T. -0.05 min
 Lab File: BG033883.D
 Acq: 20 Apr 2018 13:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.47 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG033883.D

Acq: 20 Apr 2018 13:09

Instrument :

BNA_G

ClientSampleId :

TP-4

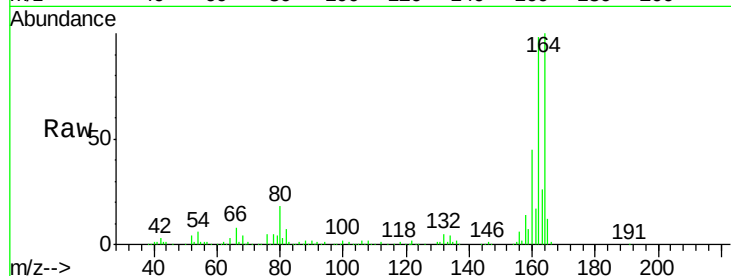
Tot Ion:164 Resp: 204259

Ion Ratio Lower Upper

164 100

162 97.6 78.8 118.2

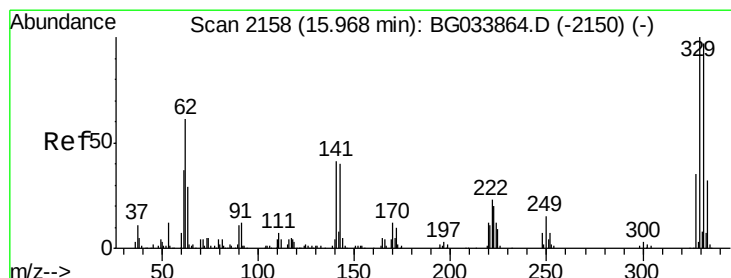
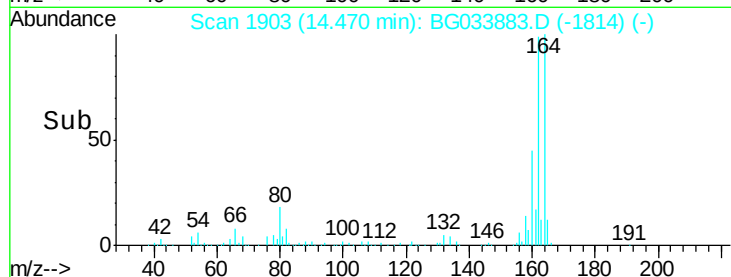
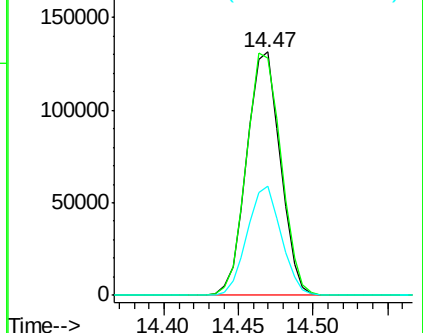
160 44.9 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 147.493 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG033883.D

Acq: 20 Apr 2018 13:09

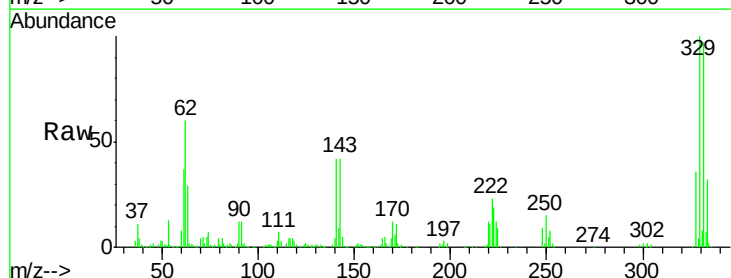
Tgt Ion:330 Resp: 351477

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

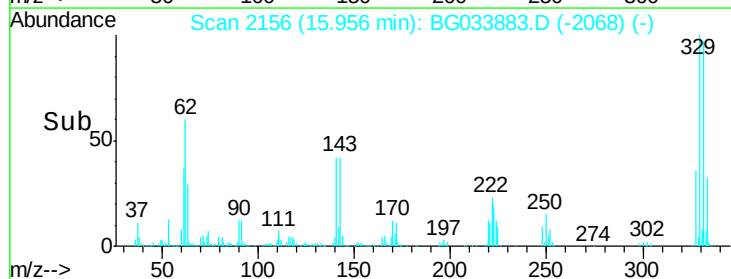
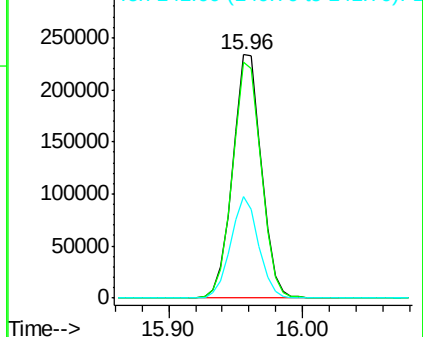
141 40.5 25.2 37.8#

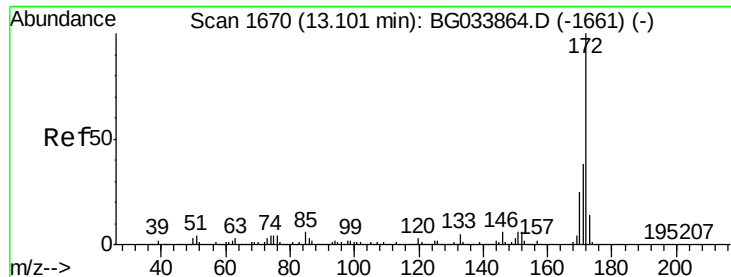


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

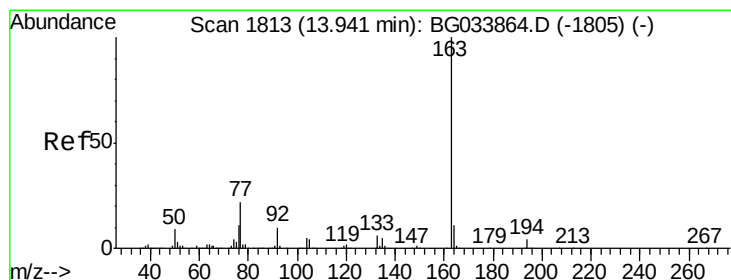
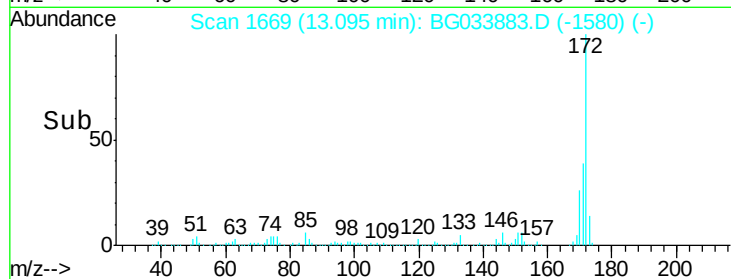
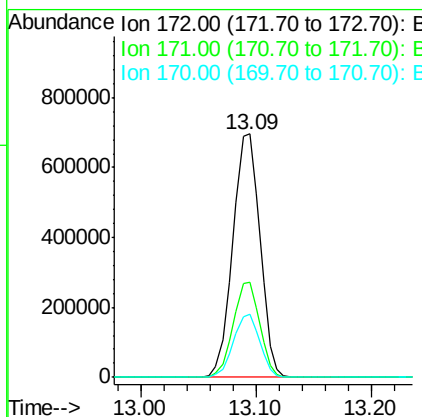
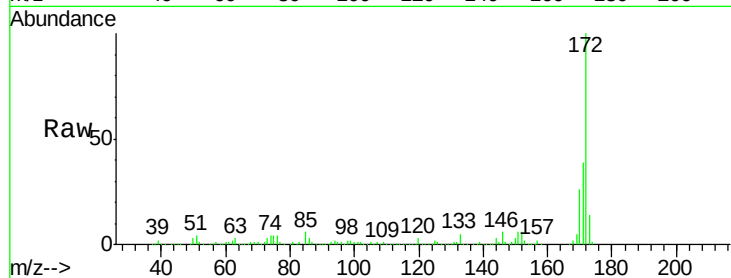




#44
2-Fluorobiphenyl
Concen: 81.614 ng
RT: 13.09 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG033883.D
Acq: 20 Apr 2018 13:09

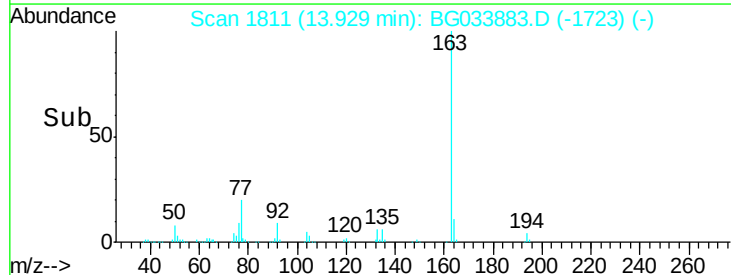
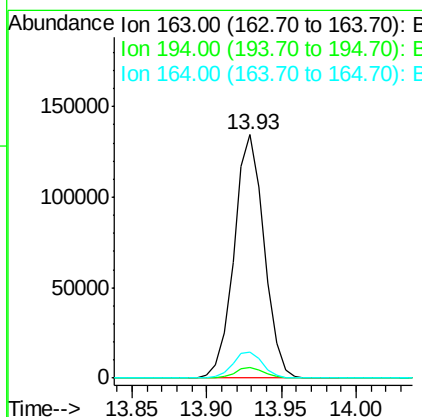
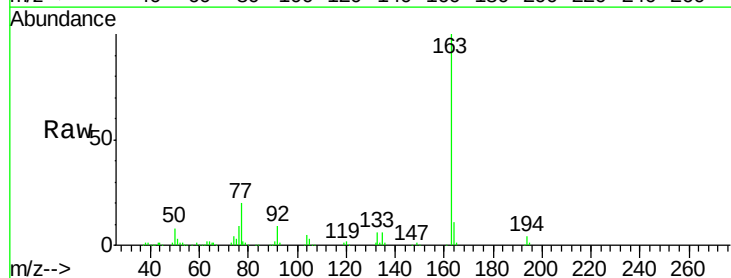
Instrument :
BNA_G
ClientSampleId :
TP-4

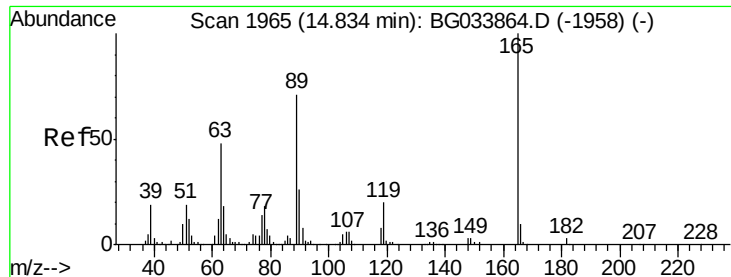
Tot Ion:172 Resp: 1134798
Ion Ratio Lower Upper
172 100
171 39.0 30.0 45.0
170 25.9 19.5 29.3



#49
Dimethylphthalate
Concen: 10.457 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG033883.D
Acq: 20 Apr 2018 13:09

Tgt Ion:163 Resp: 187882
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.8 8.2 12.4

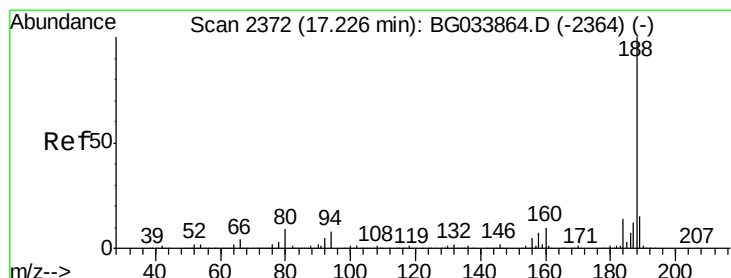
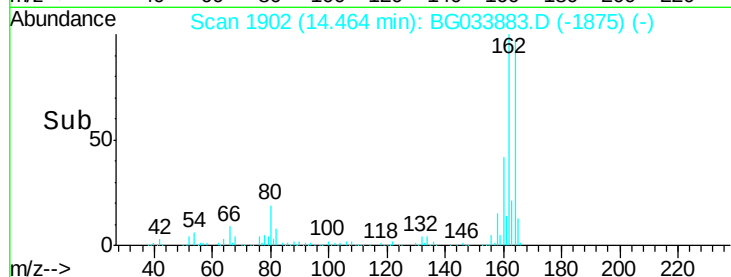
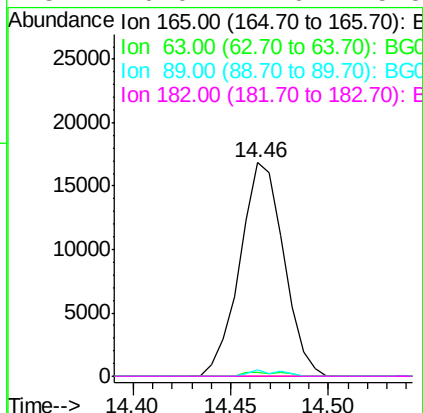
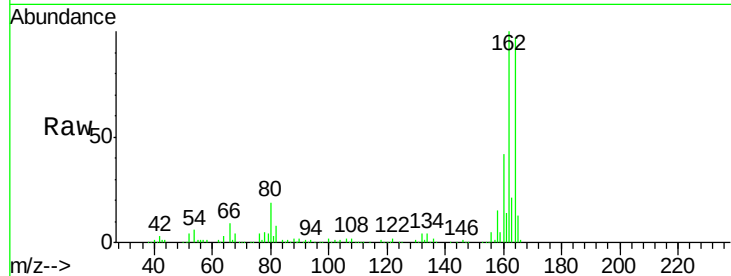




#56
 2,4-Dinitrotoluene
 Concen: 5.786 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.37 min
 Lab File: BG033883.D
 Acq: 20 Apr 2018 13:09

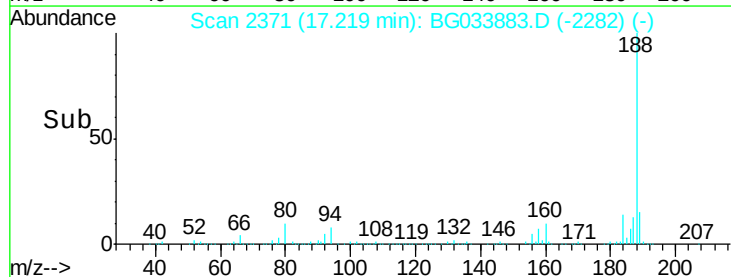
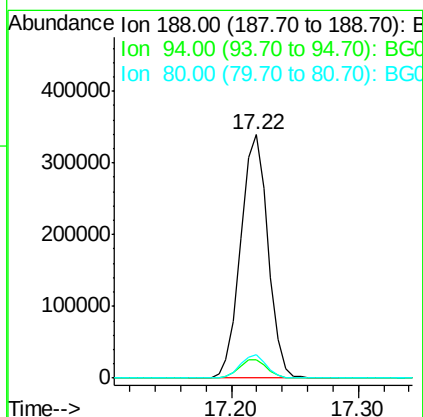
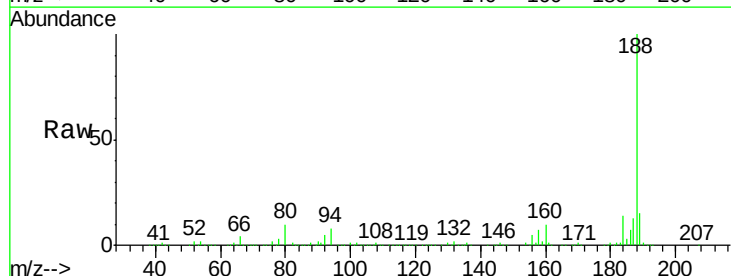
Instrument :
 BNA_G
 ClientSampled :
 TP-4

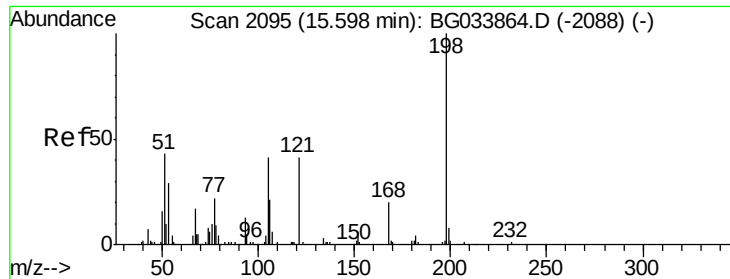
Tot Ion:165 Resp: 26199
 Ion Ratio Lower Upper
 165 100
 63 1.8 42.0 63.0#
 89 3.2 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2371
 Delta R.T. -0.01 min
 Lab File: BG033883.D
 Acq: 20 Apr 2018 13:09

Tgt Ion:188 Resp: 504199
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.9 10.3
 80 9.6 7.7 11.5

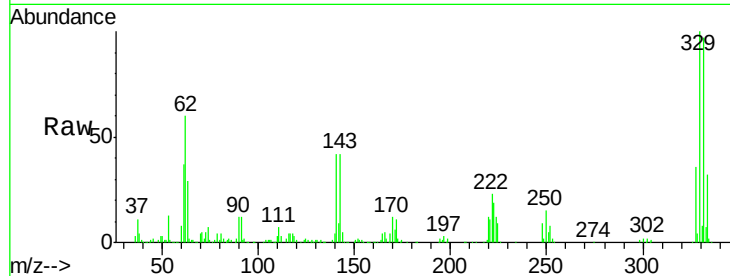




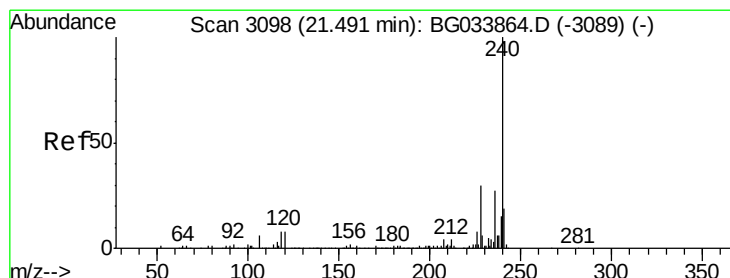
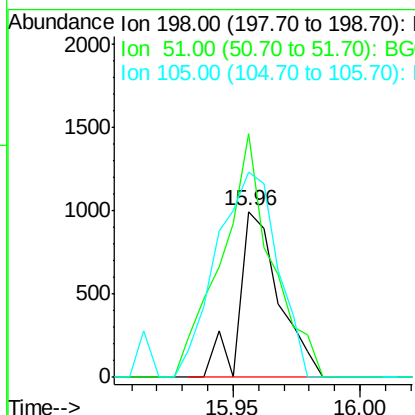
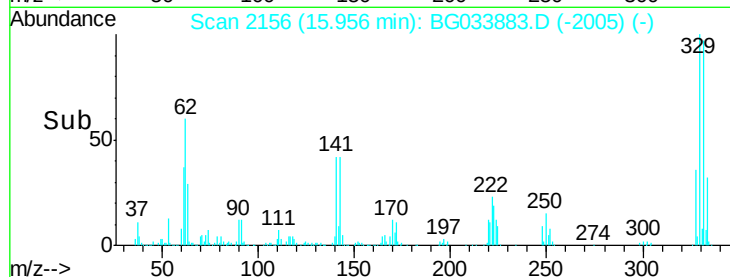
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.875 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. 0.36 min
 Lab File: BG033883.D
 Acq: 20 Apr 2018 13:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion:198 Resp: 1083
 Ion Ratio Lower Upper
 198 100
 51 31.8 30.6 70.6
 105 26.8 23.8 63.8

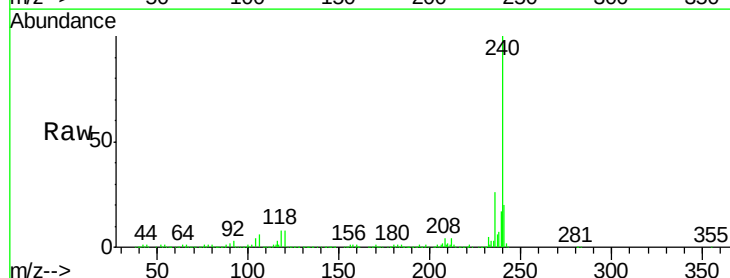


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

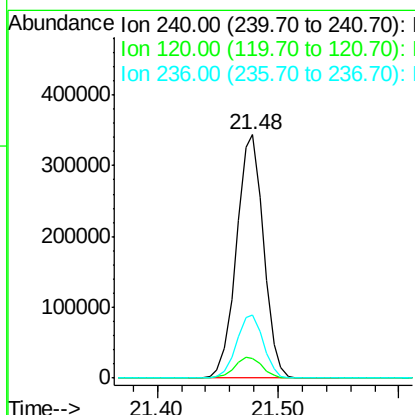
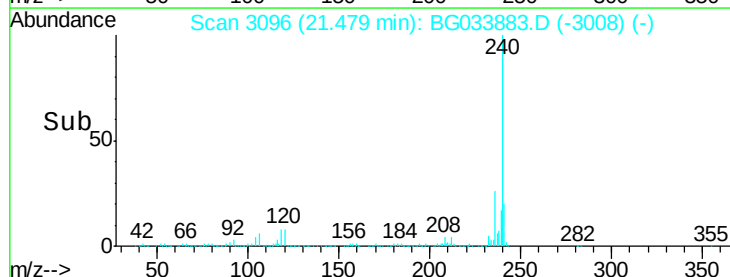


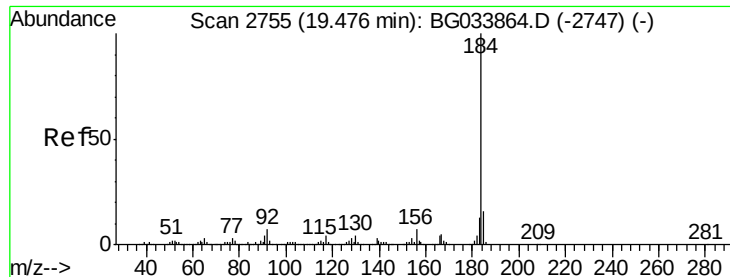
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.48 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BG033883.D
 Acq: 20 Apr 2018 13:09

Tgt Ion:240 Resp: 536851
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.8 10.2
 236 25.9 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: 2.186 ng

RT: 19.86 min Scan# 2820

Delta R.T. 0.38 min

Lab File: BG033883.D

Acq: 20 Apr 2018 13:09

Instrument :

BNA_G

ClientSampleId :

TP-4

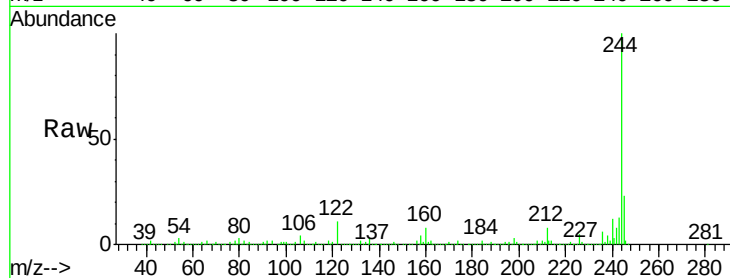
Tot Ion:184 Resp: 31690

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

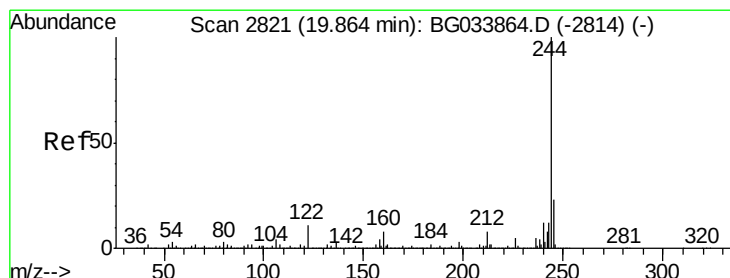
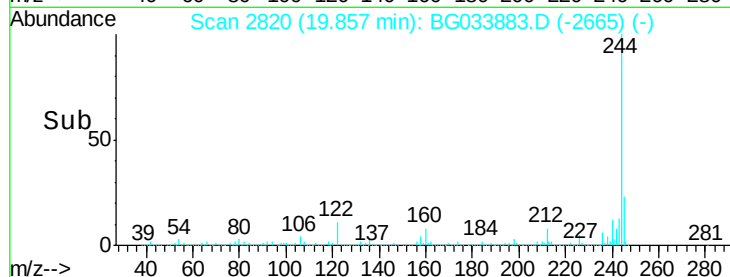
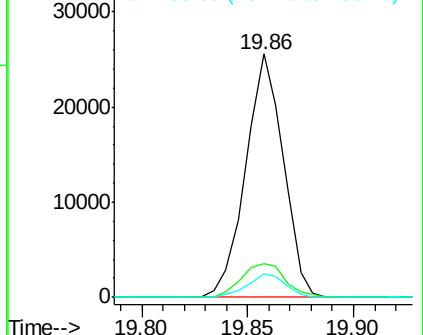
183 9.6 10.6 16.0#



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: 77.427 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033883.D

Acq: 20 Apr 2018 13:09

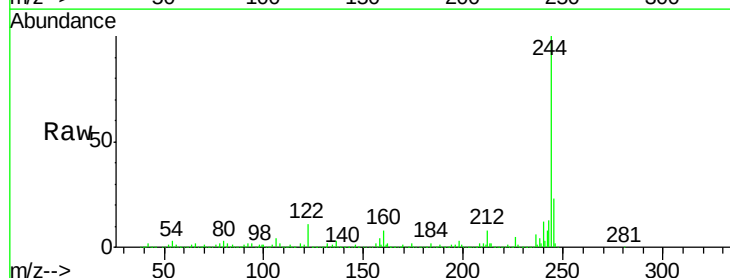
Tgt Ion:244 Resp: 1850194

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

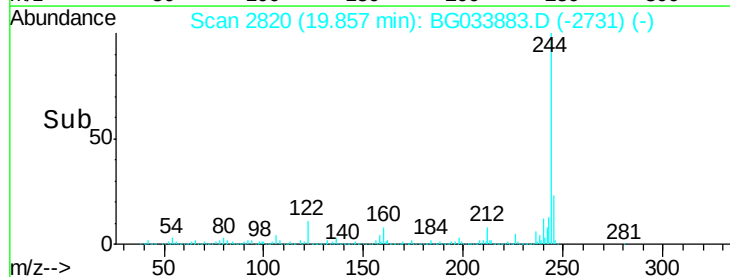
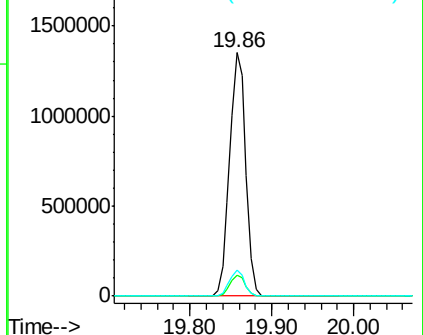
122 10.6 7.0 10.4#

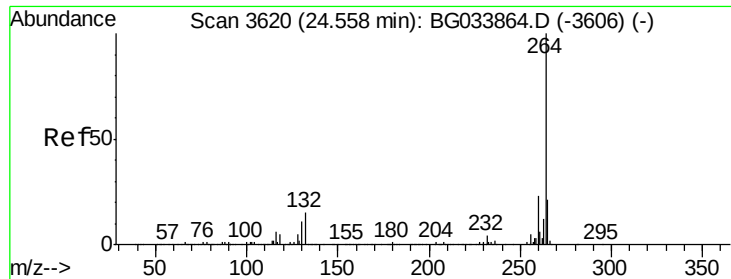


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.54 min Scan# 3617
Delta R.T. -0.02 min
Lab File: BG033883.D
Acq: 20 Apr 2018 13:09

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion:264 Resp: 543522

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.7	17.7	26.5

