

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033980.D
 Acq On : 25 Apr 2018 8:45
 Operator : SJ/JU
 Sample : J2508-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 11:53:58 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

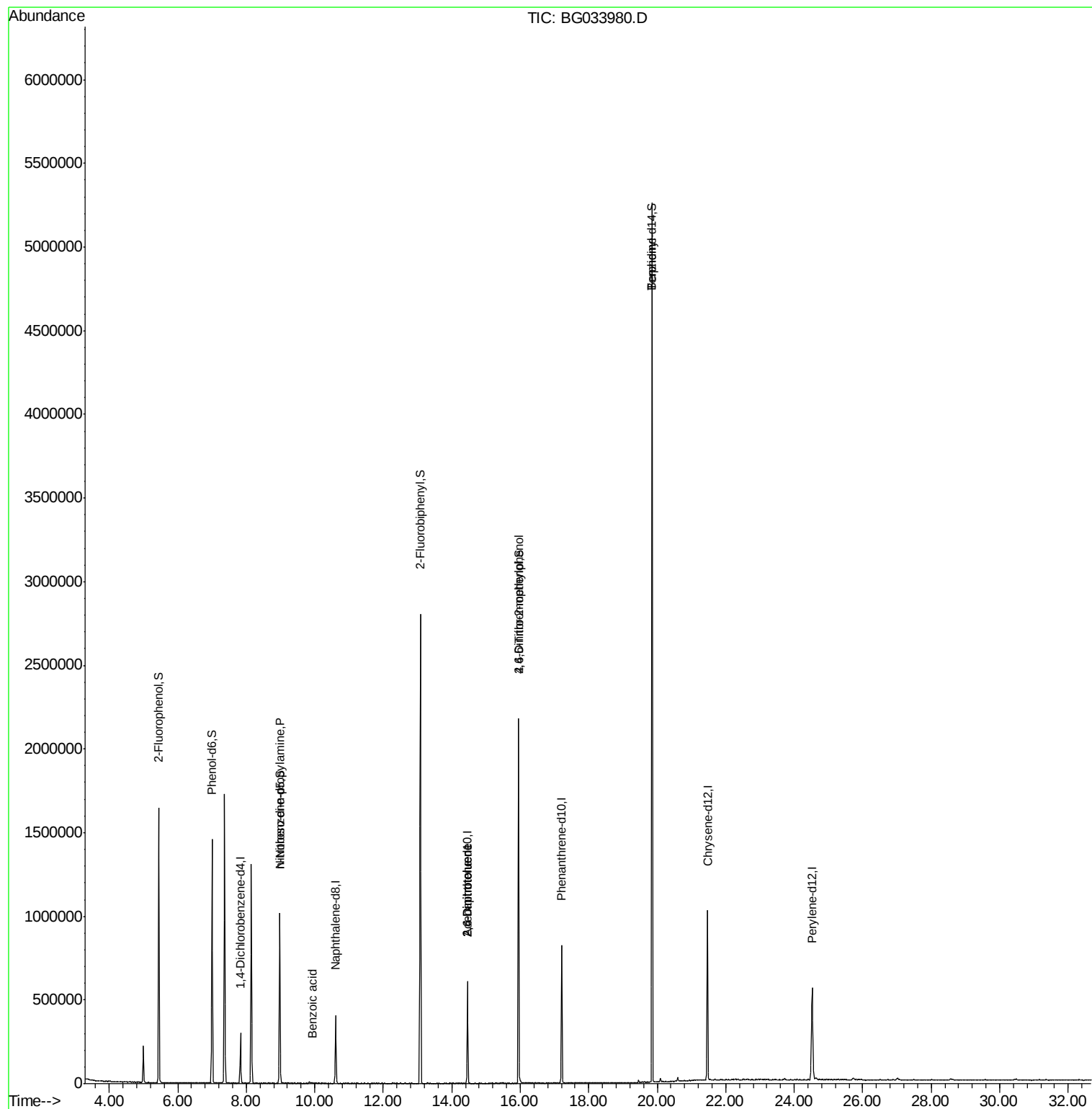
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	84395	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	340404	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	210997	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	526909	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	602330	20.00	ng	-0.02
86) Perylene-d12	24.52	264	607965	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	692317	130.97	ng	0.00
7) Phenol-d6	7.00	99	806958	104.66	ng	0.00
23) Nitrobenzene-d5	8.98	82	620506	103.74	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	398516	161.89	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1432528	99.74	ng	-0.02
78) Terphenyl-d14	19.85	244	2445317	91.21	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.01	77	1608	Below Cal	Qvalue #	5
19) n-Nitroso-di-n-propylamine	8.98	70	85271	12.974 ng	#	77
32) Benzoic acid	9.93	122	261	5.133 ng	#	80
50) 2,6-Dinitrotoluene	14.46	165	27029	7.684 ng	#	18
56) 2,4-Dinitrotoluene	14.46	165	27029	5.779 ng	#	16
64) 4,6-Dinitro-2-methylphenol	15.94	198	1895	7.135 ng	#	72
76) Benzidine	19.85	184	40457	2.487 ng		94

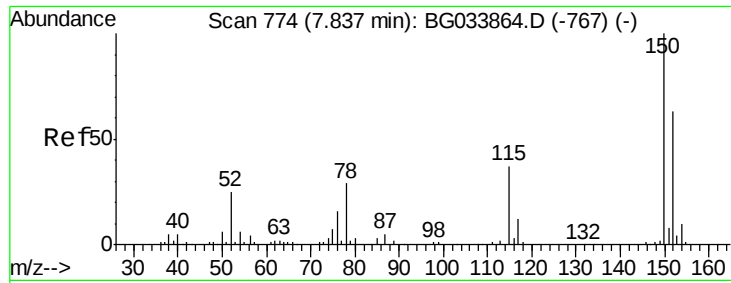
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033980.D
Acq On : 25 Apr 2018 8:45
Operator : SJ/JU
Sample : J2508-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 25 11:53:58 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



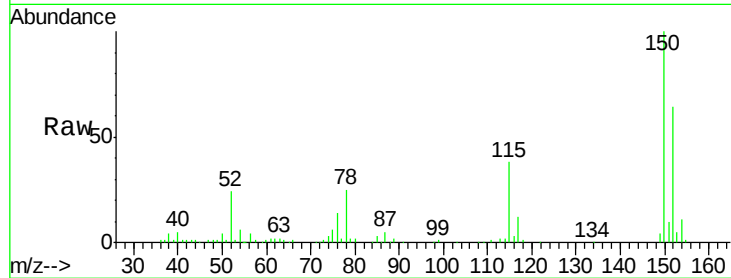


#1

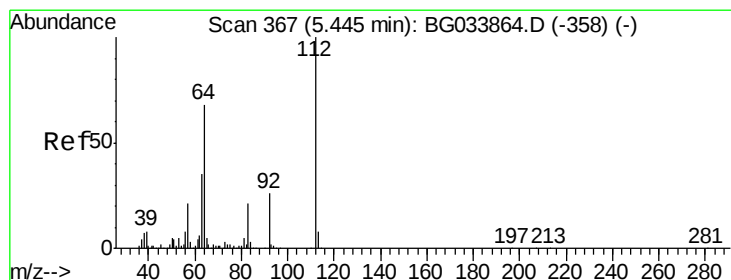
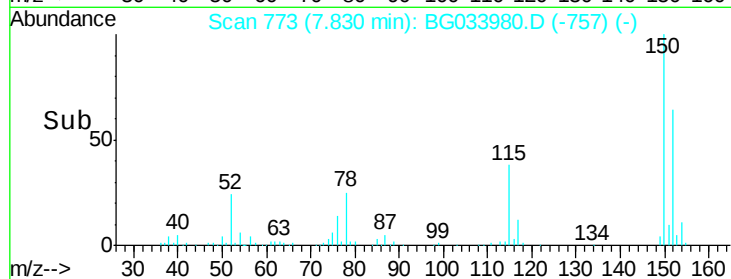
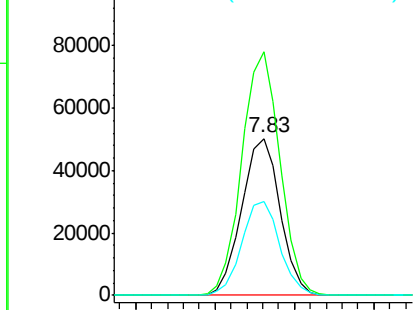
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033980.D
Acq: 25 Apr 2018 8:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	59.6	53.0	79.4



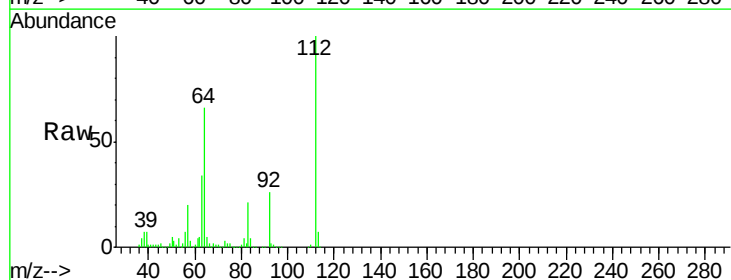
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



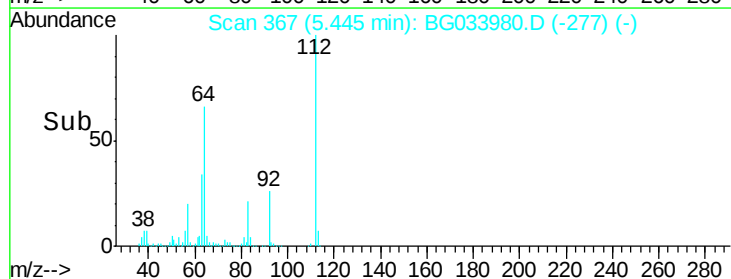
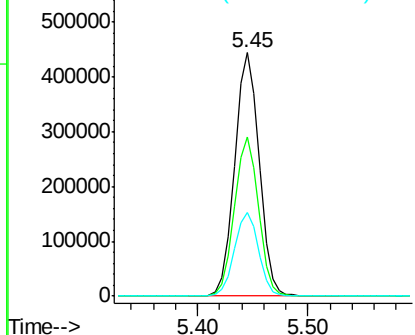
#5

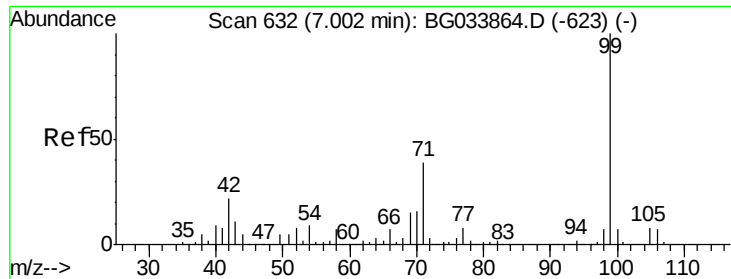
2-Fluorophenol
Concen: 130.968 ng
RT: 5.45 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033980.D
Acq: 25 Apr 2018 8:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.3	84.5
63	34.2	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 104.662 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033980.D

Acq: 25 Apr 2018 8:45

Instrument :

BNA_G

ClientSampleId :

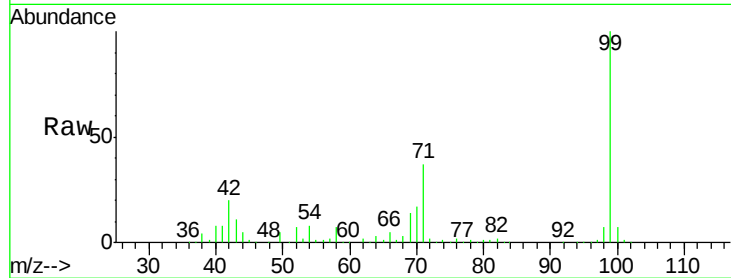
Tot Ion: 99 Resp: 806958

Ion Ratio Lower Upper

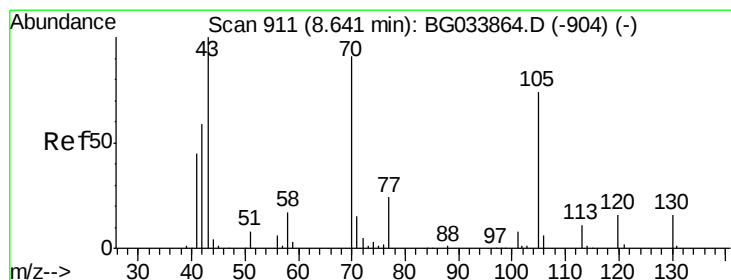
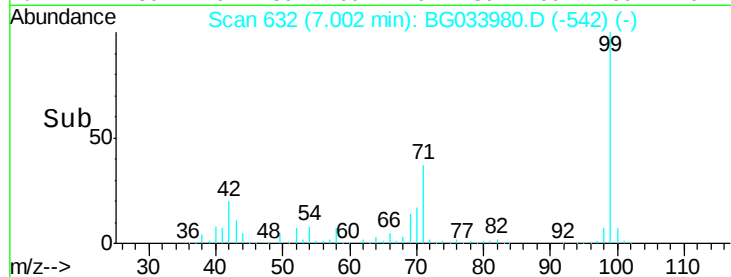
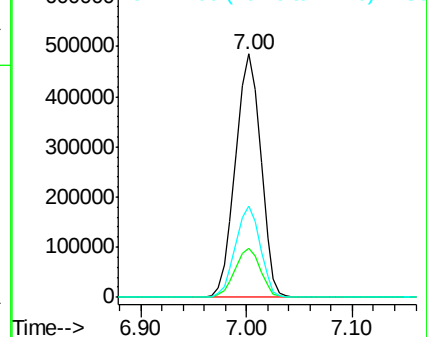
99 100

42 20.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.974 ng

RT: 8.98 min Scan# 969

Delta R.T. 0.34 min

Lab File: BG033980.D

Acq: 25 Apr 2018 8:45

Tgt Ion: 70 Resp: 85271

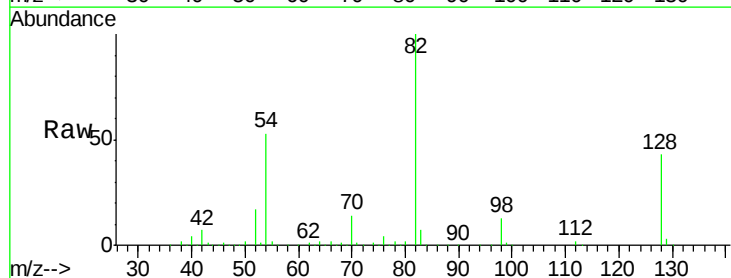
Ion Ratio Lower Upper

70 100

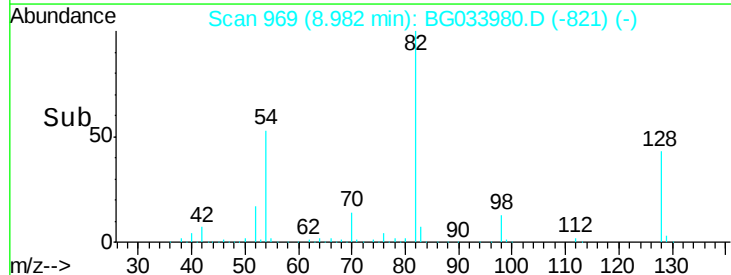
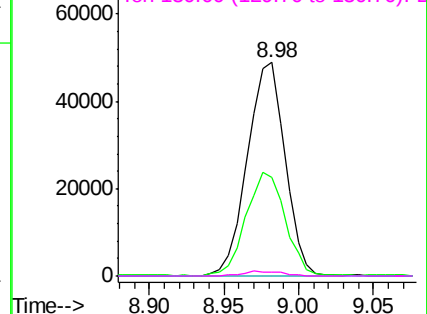
42 46.4 49.1 73.7#

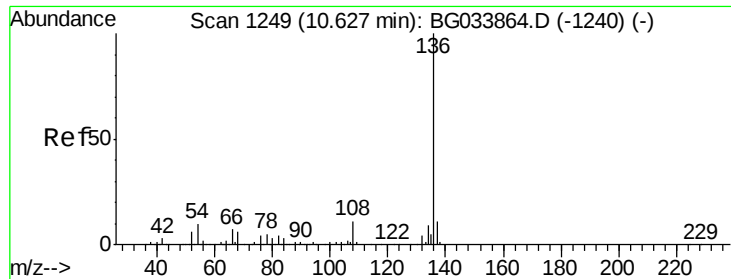
101 0.0 8.5 12.7#

130 2.1 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

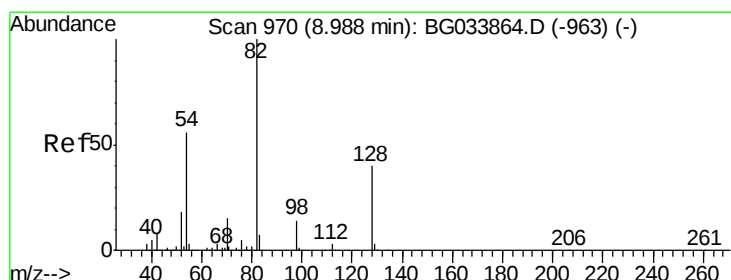
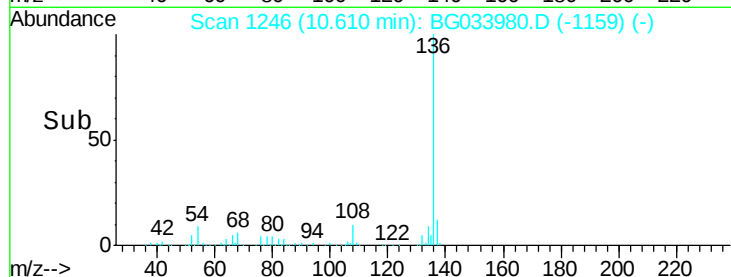
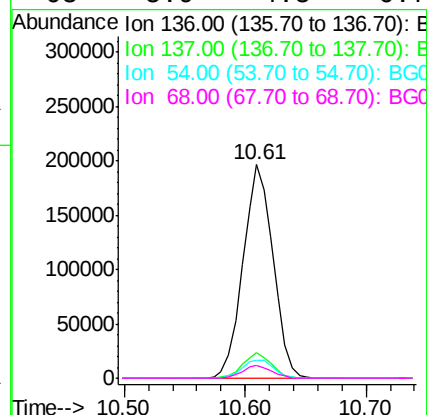
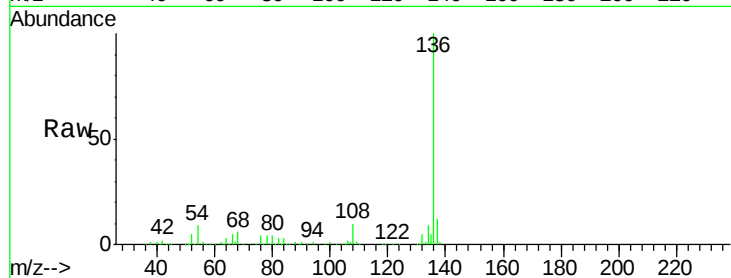




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033980.D
Acq: 25 Apr 2018 8:45

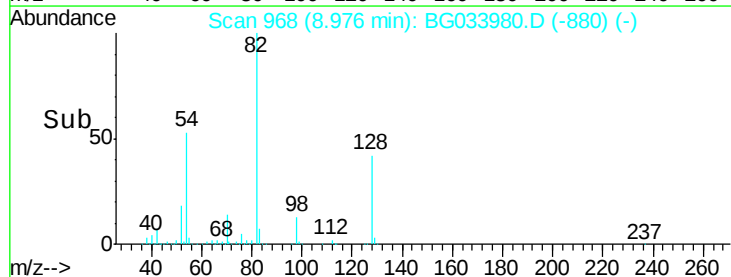
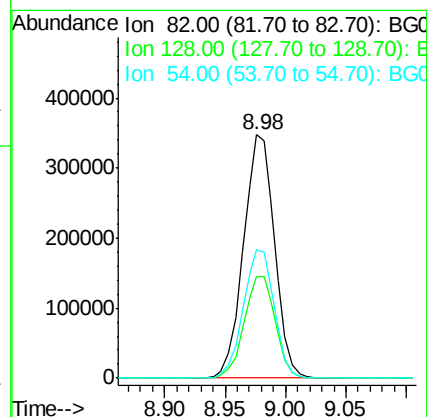
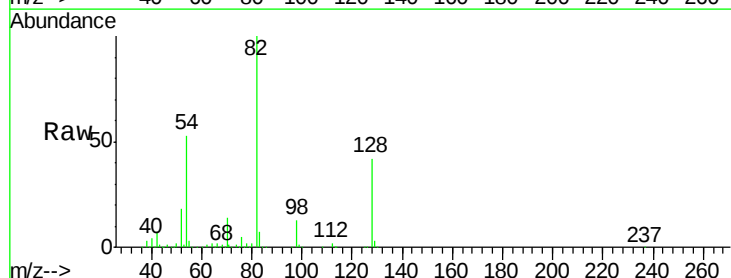
Instrument :
BNA_G
ClientSampleId :

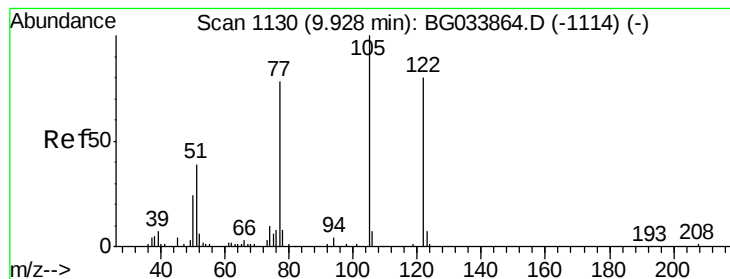
Tot Ion:136	Resp:	340404
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.2 13.8
54	8.7	10.3 15.5#
68	5.9	4.5 6.7



#23
Nitrobenzene-d5
Concen: 103.738 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033980.D
Acq: 25 Apr 2018 8:45

Tgt Ion: 82	Resp:	620506
Ion Ratio	Lower	Upper
82	100	
128	41.6	29.7 44.5
54	52.9	43.1 64.7





#32

Benzoic acid

Concen: 5.133 ng

RT: 9.93 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG033980.D

Acq: 25 Apr 2018 8:45

Instrument :

BNA_G

ClientSampled :

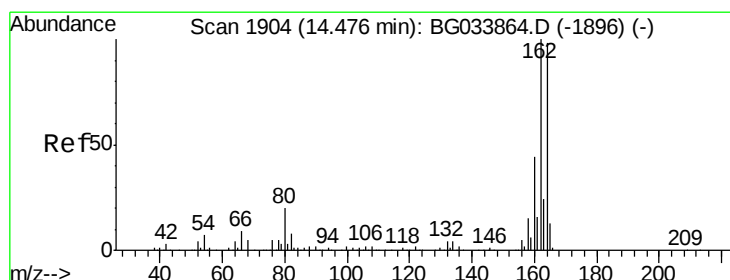
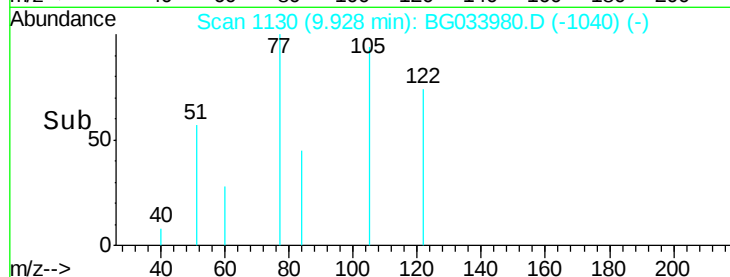
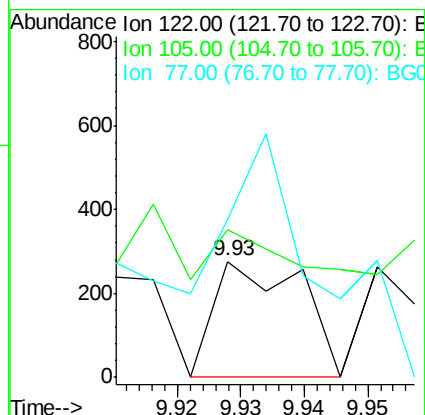
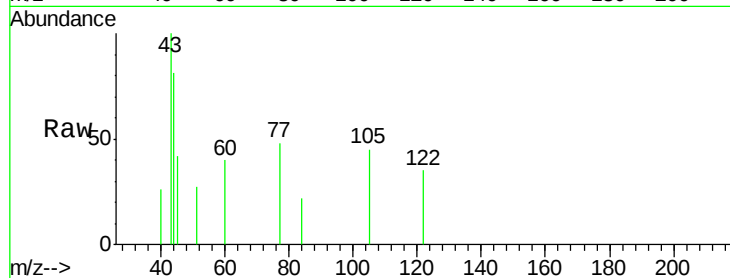
Tot Ion:122 Resp: 261

Ion Ratio Lower Upper

122 100

105 127.4 123.5 163.5

77 135.4 85.7 125.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033980.D

Acq: 25 Apr 2018 8:45

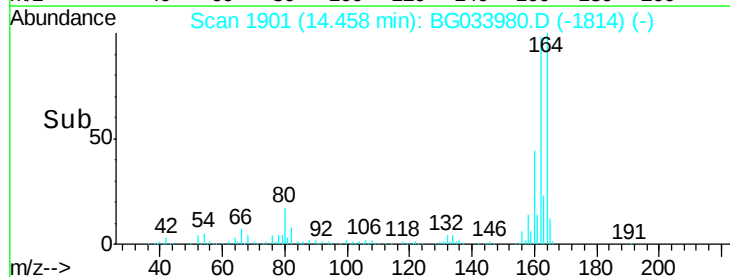
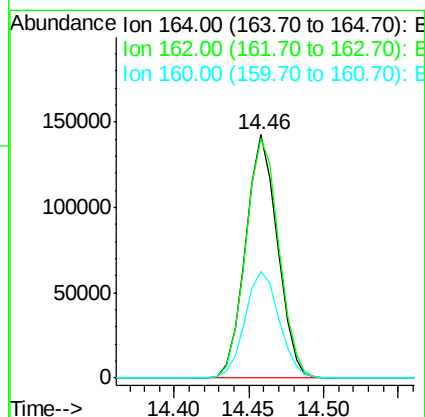
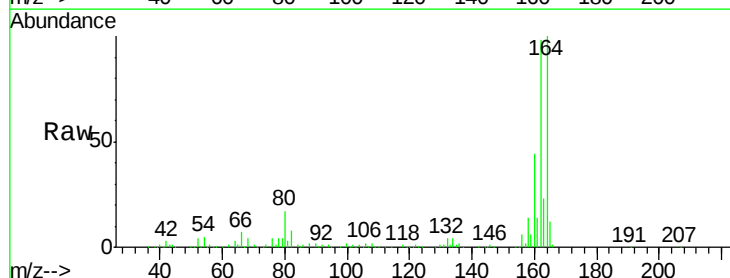
Tgt Ion:164 Resp: 210997

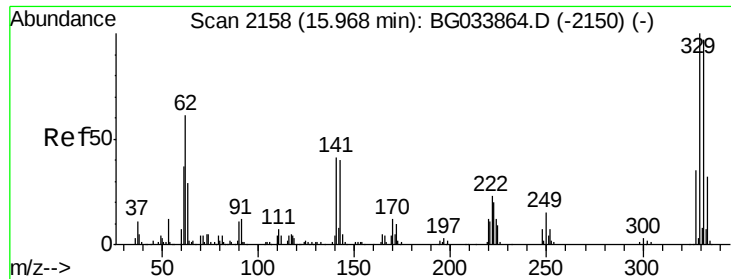
Ion Ratio Lower Upper

164 100

162 98.3 78.8 118.2

160 43.6 35.4 53.0

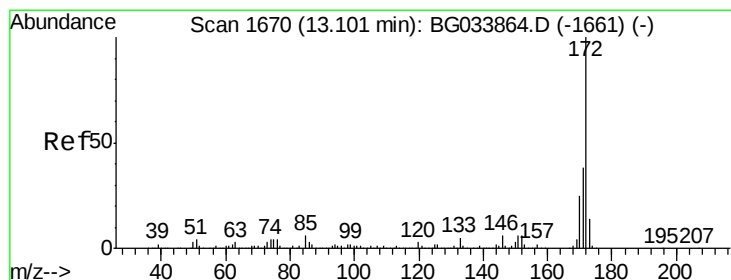
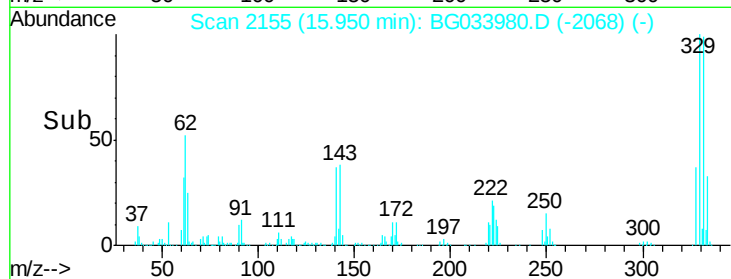
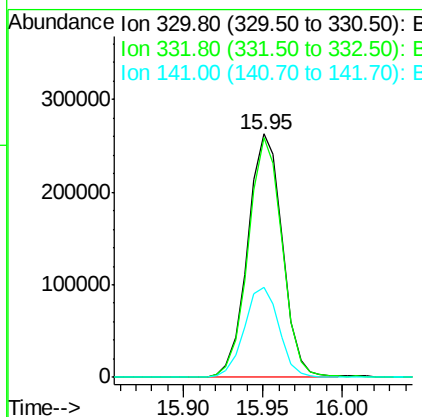
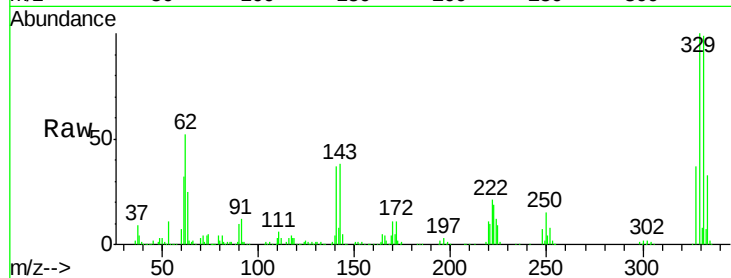




#41
 2,4,6-Tribromophenol
 Concen: 161.892 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033980.D
 Acq: 25 Apr 2018 8:45

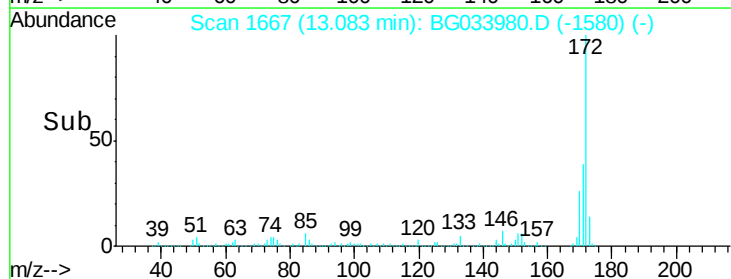
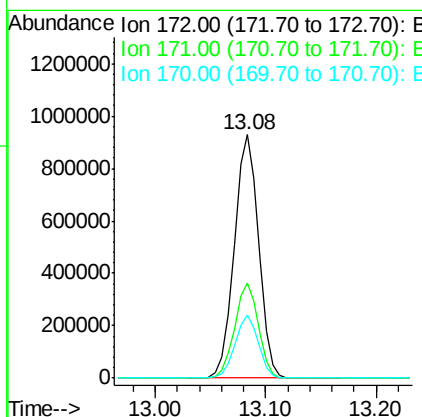
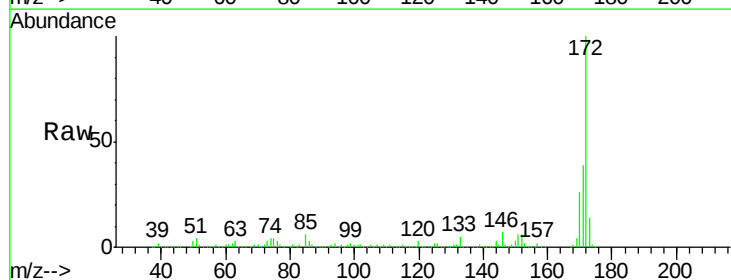
Instrument :
 BNA_G
 ClientSampleId :

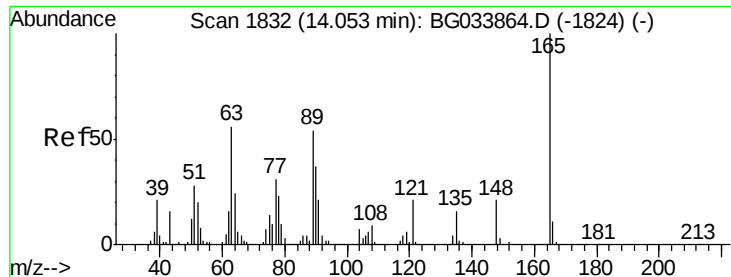
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	37.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 99.737 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033980.D
 Acq: 25 Apr 2018 8:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	25.9	19.5	29.3

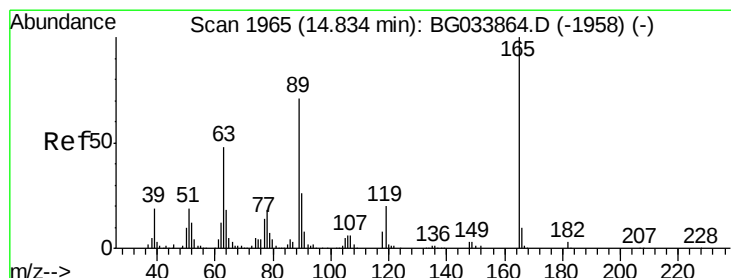
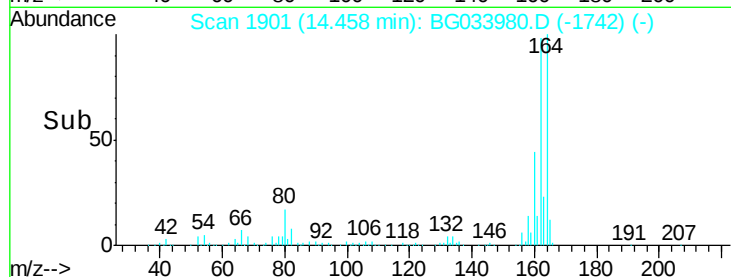
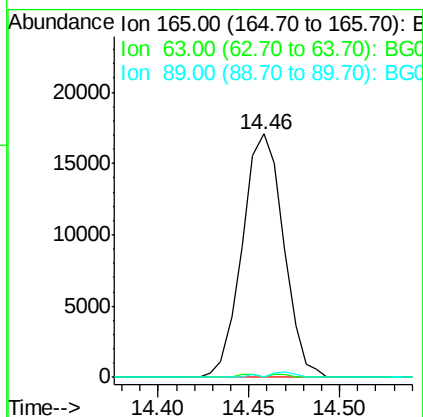
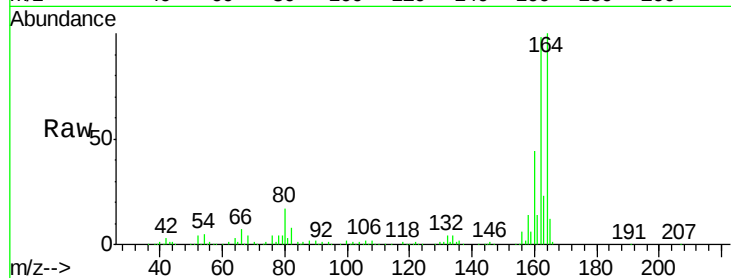




#50
2,6-Dinitrotoluene
Concen: 7.684 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.41 min
Lab File: BG033980.D
Acq: 25 Apr 2018 8:45

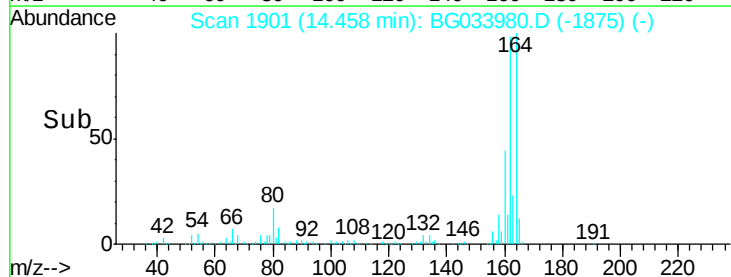
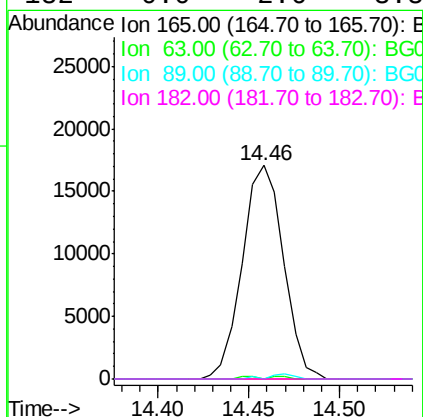
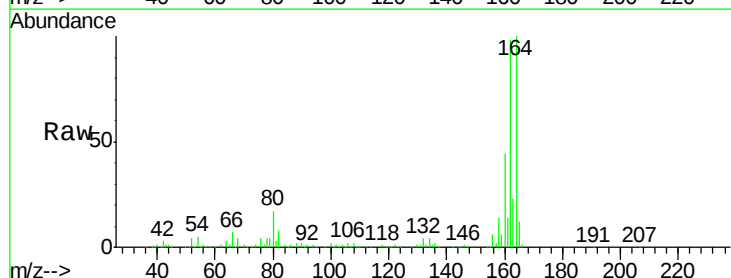
Instrument :
BNA_G
ClientSampleId :

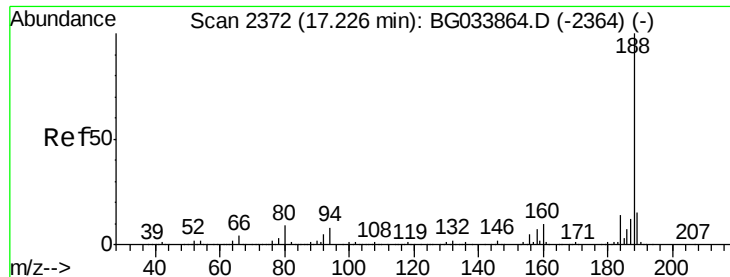
Tot Ion:165 Resp: 27029
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.779 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.38 min
Lab File: BG033980.D
Acq: 25 Apr 2018 8:45

Tgt Ion:165 Resp: 27029
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#

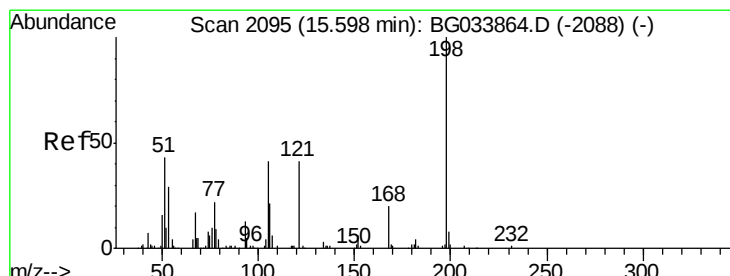
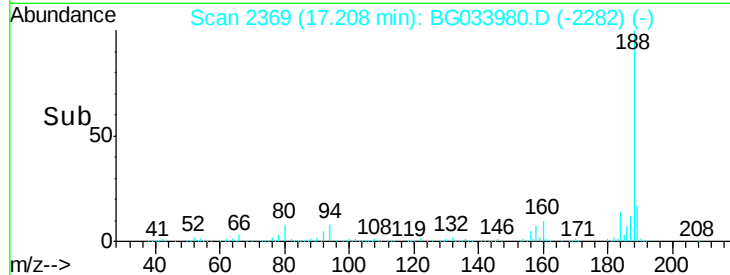
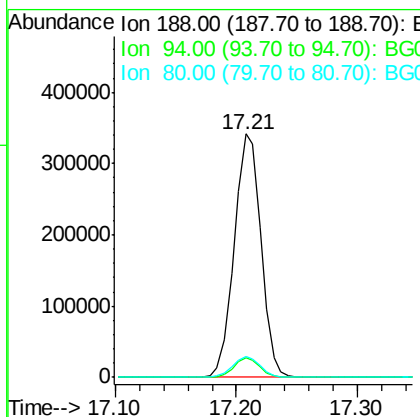
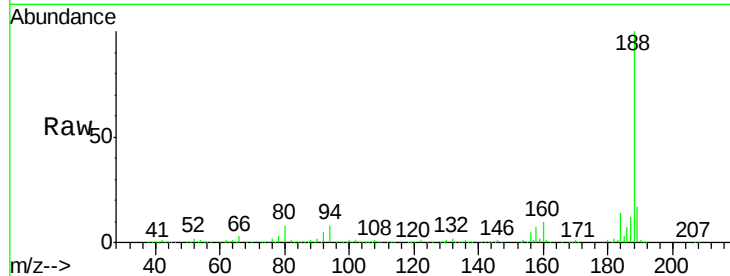




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG033980.D
 Acq: 25 Apr 2018 8:45

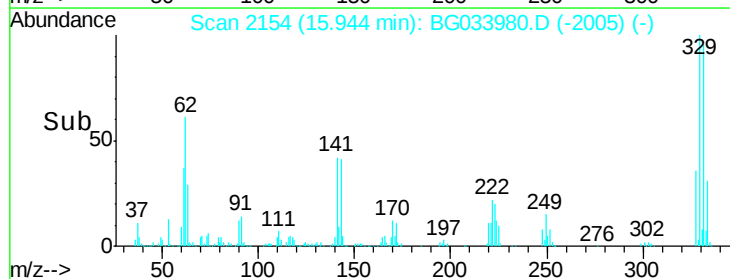
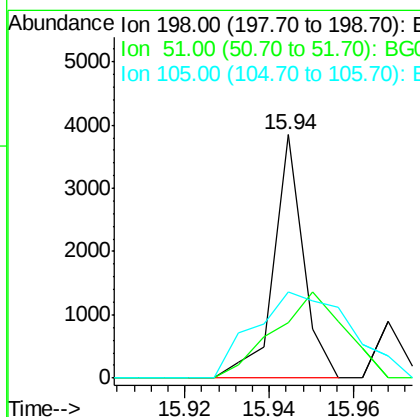
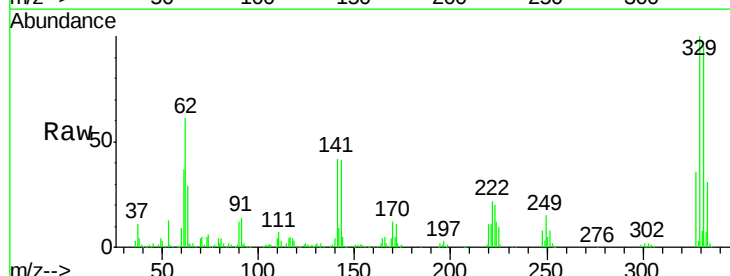
Instrument :
 BNA_G
 ClientSampleId :

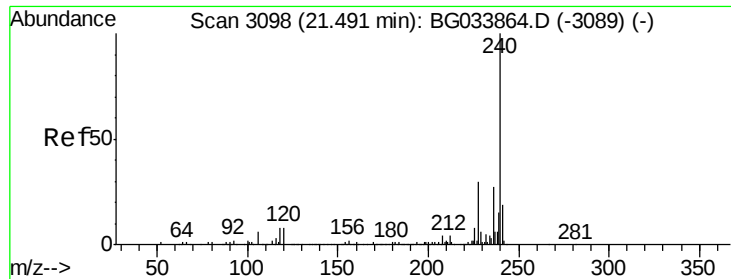
Tot Ion:188 Resp: 526909
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.9 10.3
 80 8.5 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.135 ng
 RT: 15.94 min Scan# 2154
 Delta R.T. 0.35 min
 Lab File: BG033980.D
 Acq: 25 Apr 2018 8:45

Tgt Ion:198 Resp: 1895
 Ion Ratio Lower Upper
 198 100
 51 22.6 30.6 70.6#
 105 35.5 23.8 63.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033980.D

Acq: 25 Apr 2018 8:45

Instrument :

BNA_G

ClientSampleId :

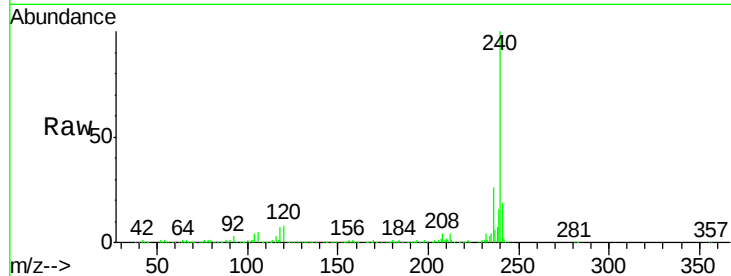
Tot Ion:240 Resp: 602330

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

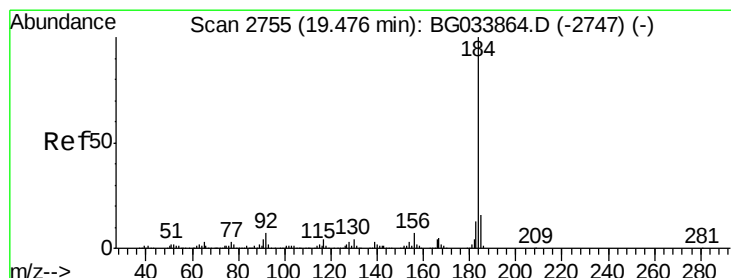
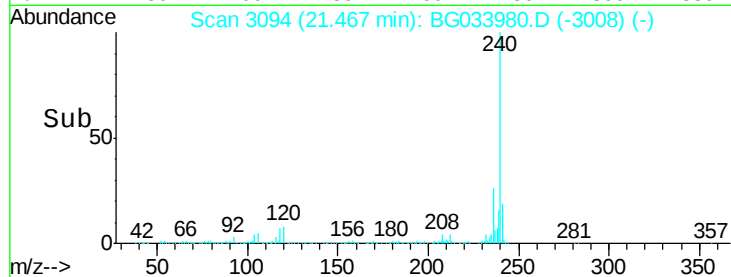
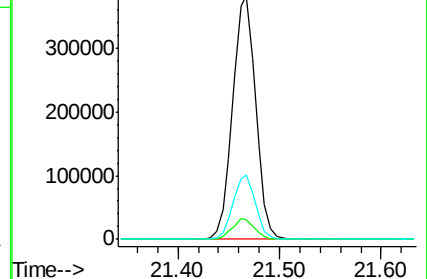
236 26.3 20.9 31.3



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: 2.487 ng

RT: 19.85 min Scan# 2818

Delta R.T. 0.37 min

Lab File: BG033980.D

Acq: 25 Apr 2018 8:45

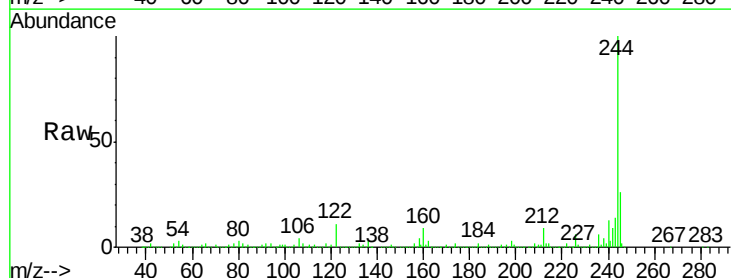
Tgt Ion:184 Resp: 40457

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

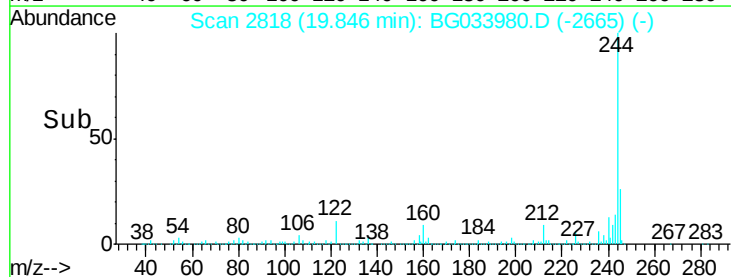
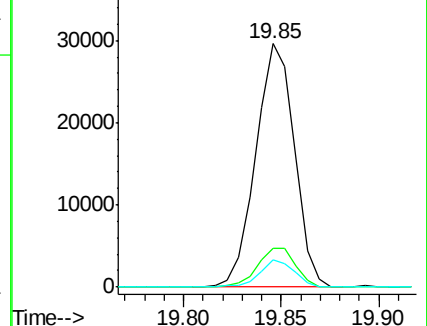
183 11.0 10.6 16.0

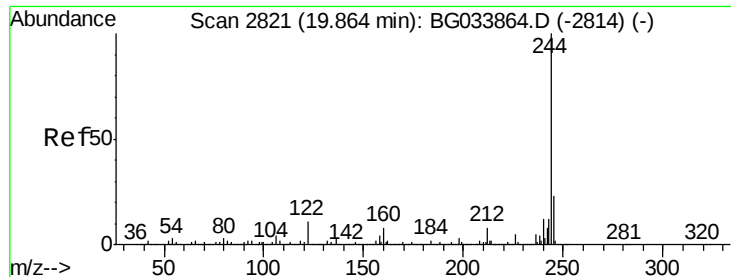


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 91.207 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033980.D

Acq: 25 Apr 2018 8:45

Instrument :

BNA_G

ClientSampled :

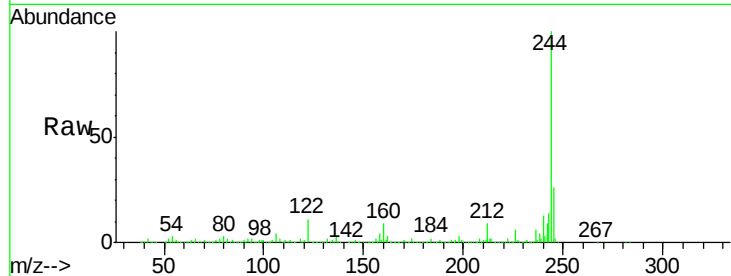
Tot Ion:244 Resp: 2445317

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

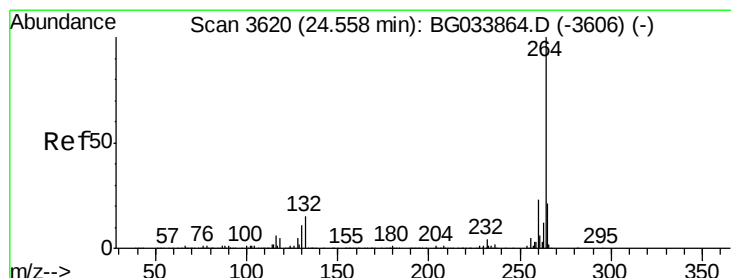
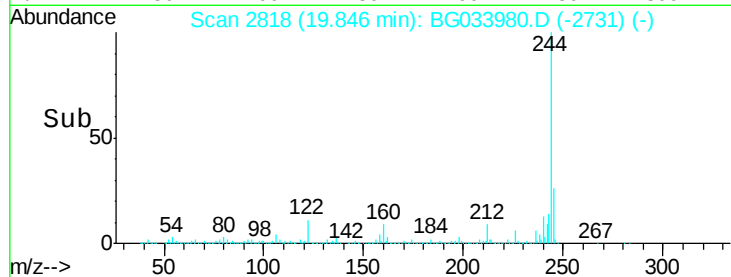
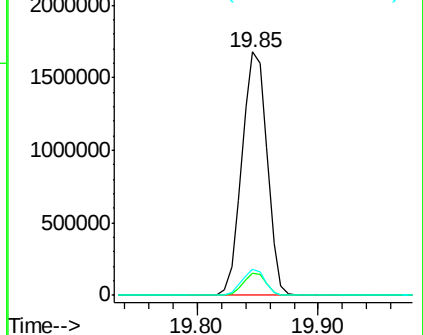
122 10.9 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.52 min Scan# 3614

Delta R.T. -0.04 min

Lab File: BG033980.D

Acq: 25 Apr 2018 8:45

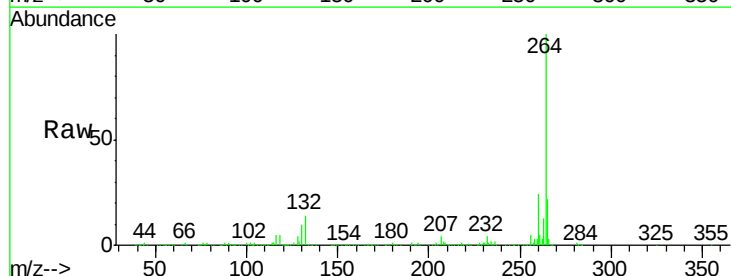
Tgt Ion:264 Resp: 607965

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.2 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

