

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034053.D
 Acq On : 27 Apr 2018 23:56
 Operator : SJ/JU
 Sample : J2549-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 28 02:03:30 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

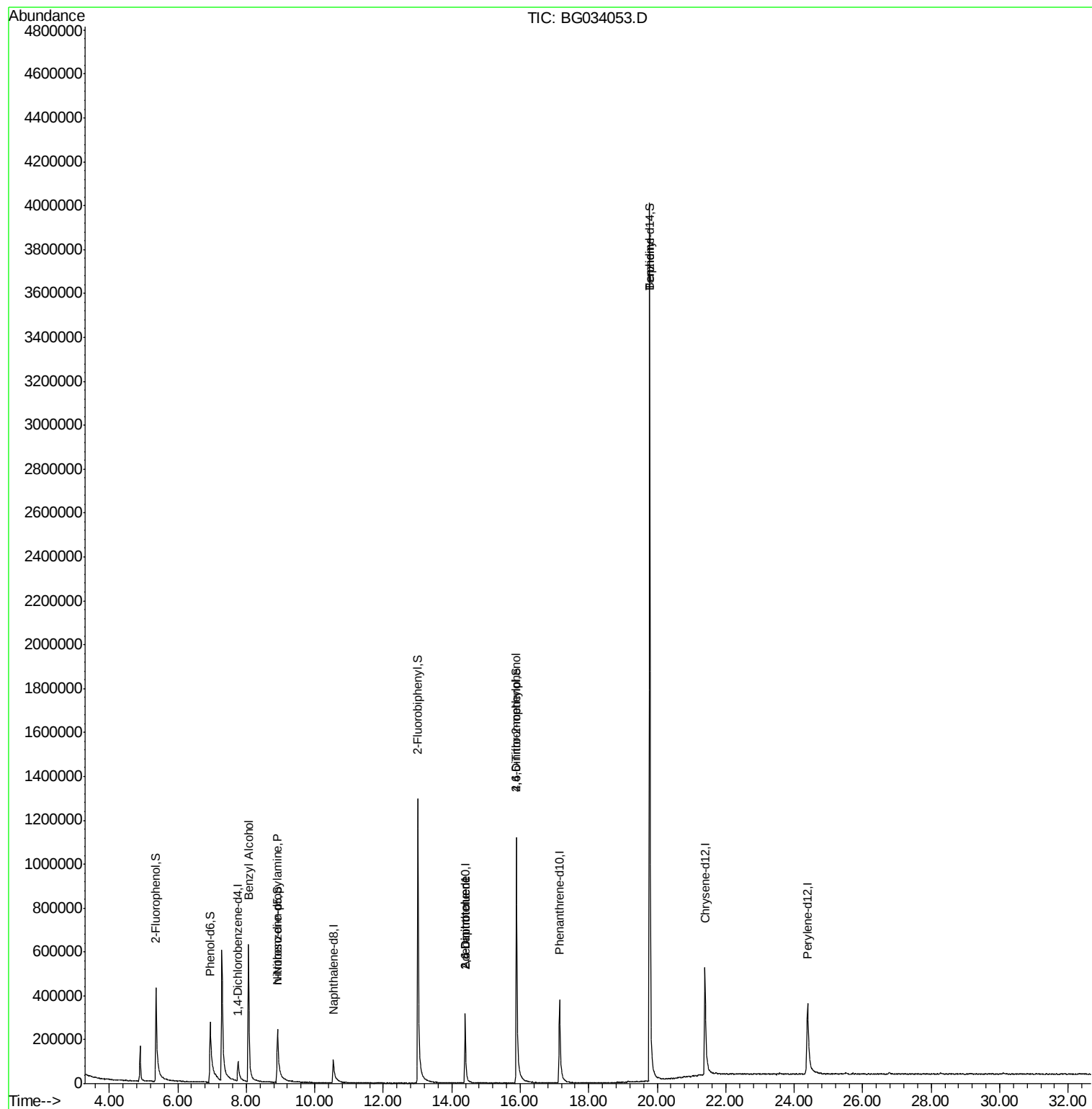
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	34862	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	212647	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	161788	20.00	ng	-0.08
63) Phenanthrene-d10	17.15	188	482086	20.00	ng	-0.08
75) Chrysene-d12	21.40	240	534057	20.00	ng	-0.10
86) Perylene-d12	24.39	264	515407	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	404303	185.15	ng	-0.08
7) Phenol-d6	6.94	99	390246	122.53	ng	-0.06
23) Nitrobenzene-d5	8.91	82	342926	91.78	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	340107	180.19	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1072691	97.40	ng	-0.09
78) Terphenyl-d14	19.78	244	2442405	102.74	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.95	77	366	Below Cal	Qvalue #	5
15) Benzyl Alcohol	8.07	79	6339	2.282 ng	#	39
19) n-Nitroso-di-n-propylamine	8.91	70	38381	14.137 ng	#	80
50) 2,6-Dinitrotoluene	14.39	165	20114	7.458 ng	#	20
56) 2,4-Dinitrotoluene	14.39	165	20429	5.696 ng	#	17
64) 4,6-Dinitro-2-methylphenol	15.88	198	1119	6.906 ng	#	68
76) Benzydine	19.78	184	33350	2.313 ng	#	90

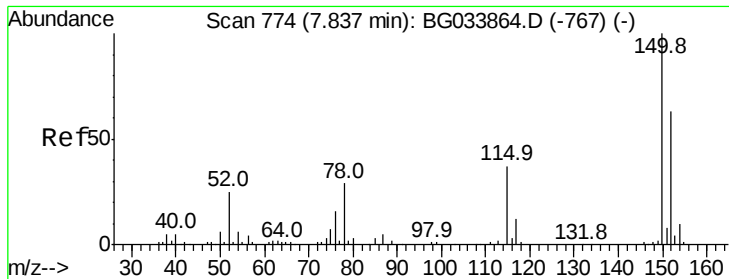
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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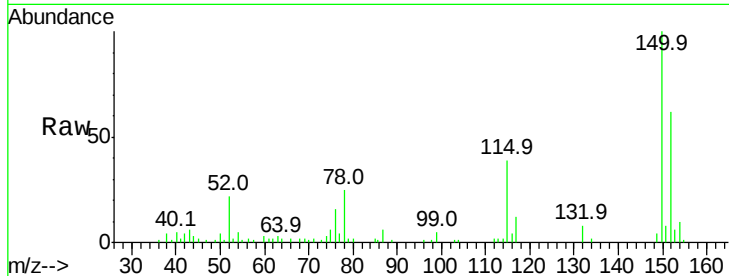


#1

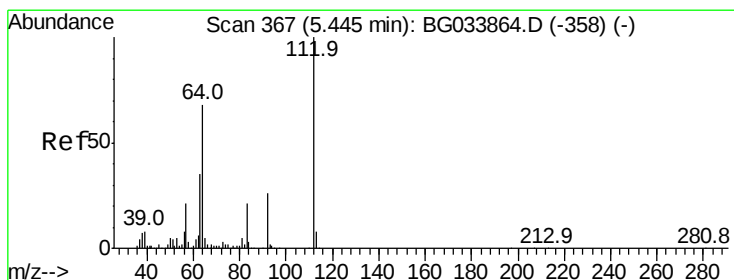
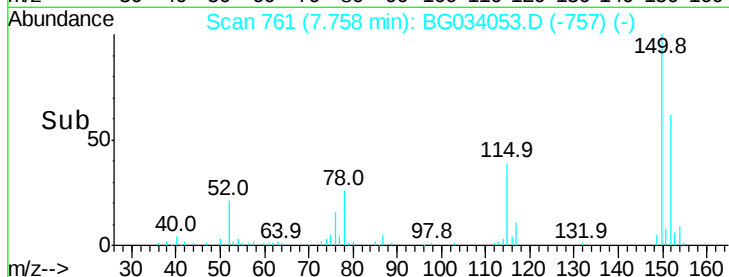
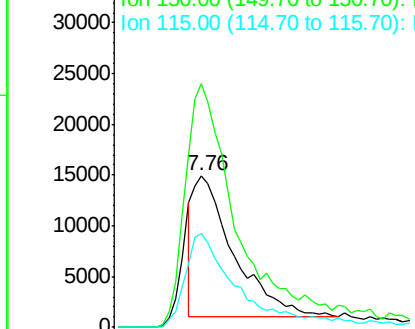
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 761
Delta R.T. -0.08 min
Lab File: BG034053.D
Acq: 27 Apr 2018 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34862
Ion Ratio Lower Upper
152 100
150 160.5 126.6 189.8
115 62.1 53.0 79.4



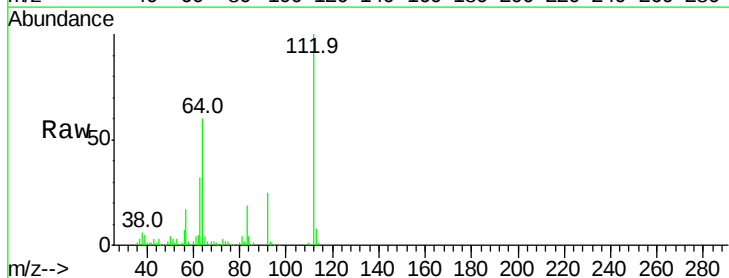
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



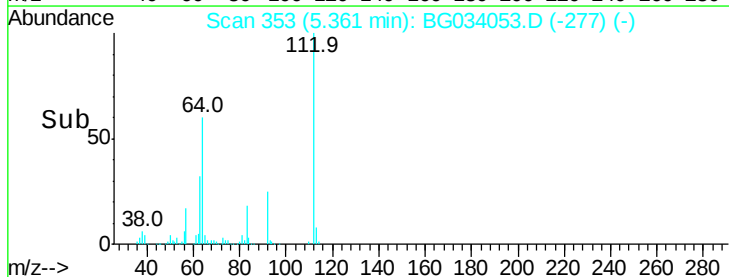
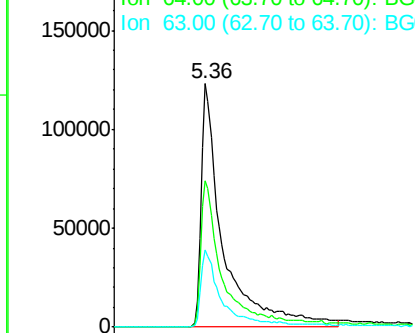
#5

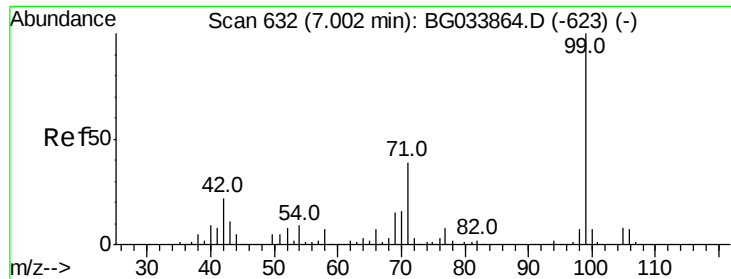
2-Fluorophenol
Concen: 185.154 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034053.D
Acq: 27 Apr 2018 23:56

Tgt Ion:112 Resp: 404303
Ion Ratio Lower Upper
112 100
64 60.2 56.3 84.5
63 31.6 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: 122.529 ng

RT: 6.94 min Scan# 622

Delta R.T. -0.06 min

Lab File: BG034053.D

Acq: 27 Apr 2018 23:56

Instrument :

BNA_G

ClientSampleId :

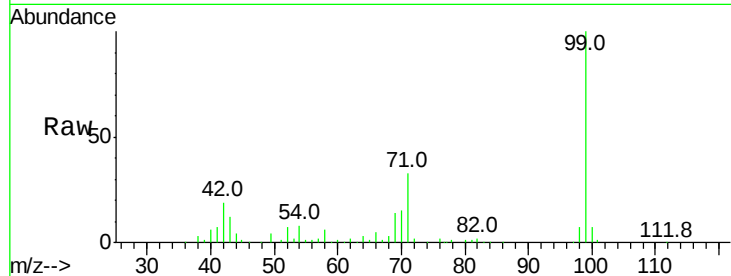
Tot Ion: 99 Resp: 390246

Ion Ratio Lower Upper

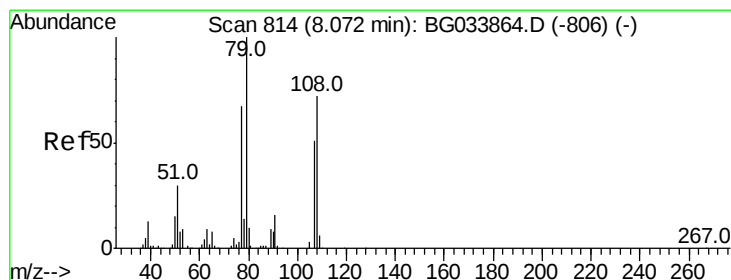
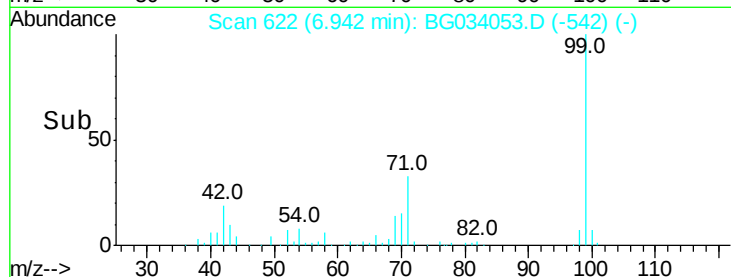
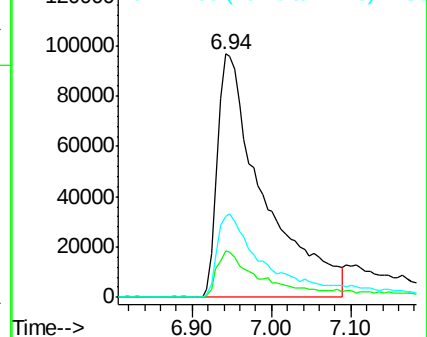
99 100

42 18.9 14.1 21.1

71 33.5 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: 2.282 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG034053.D

Acq: 27 Apr 2018 23:56

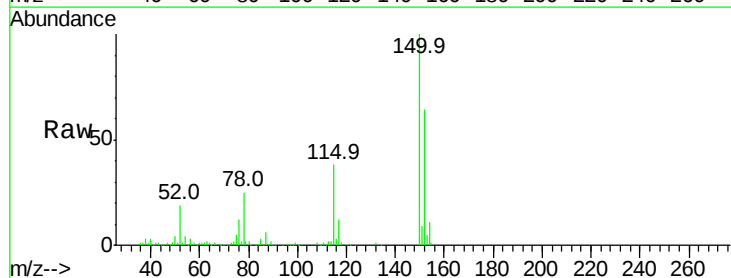
Tgt Ion: 79 Resp: 6339

Ion Ratio Lower Upper

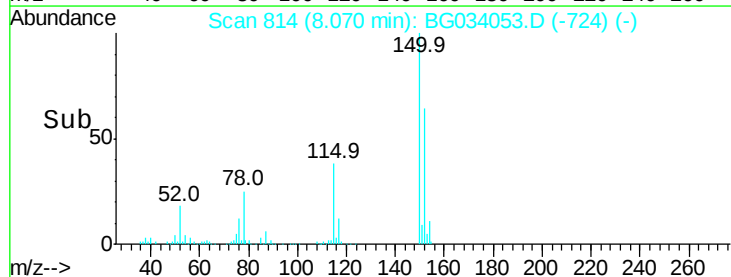
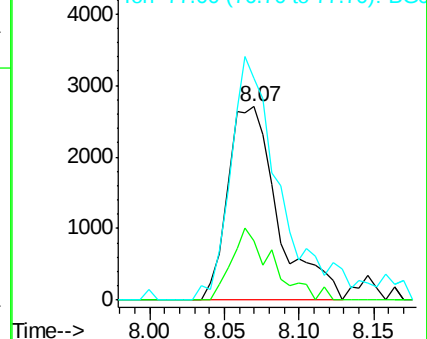
79 100

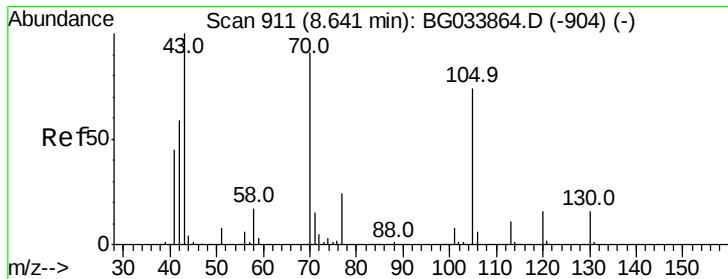
108 30.8 57.2 85.8#

77 114.4 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

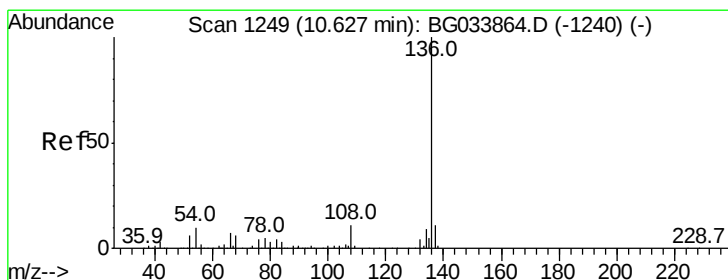
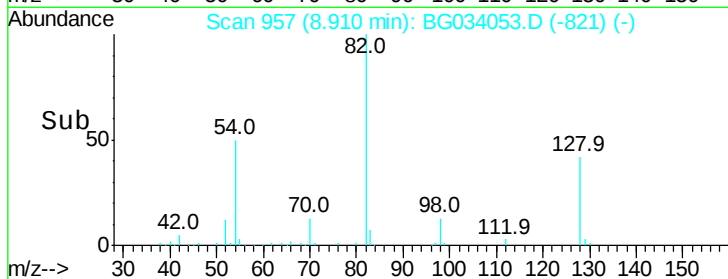
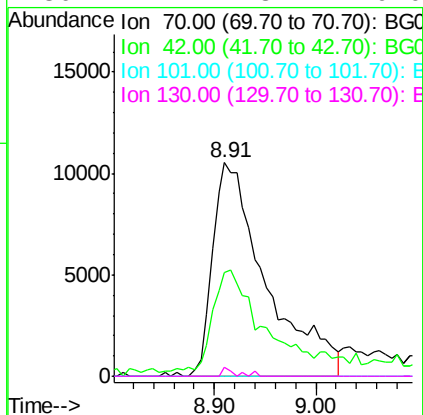
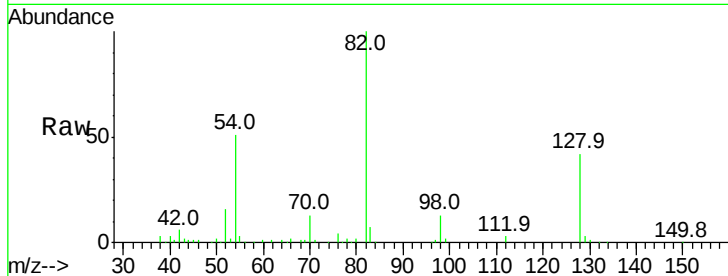




#19
n-Nitroso-di-n-propylamine
Concen: 14.137 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.27 min
Lab File: BG034053.D
Acq: 27 Apr 2018 23:56

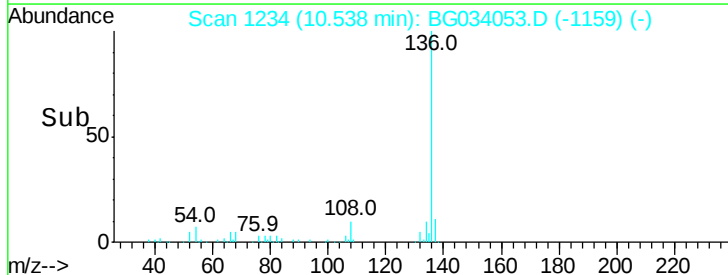
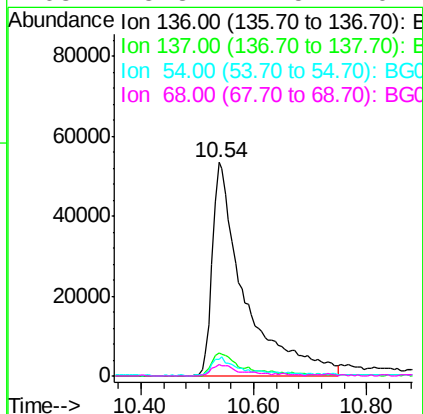
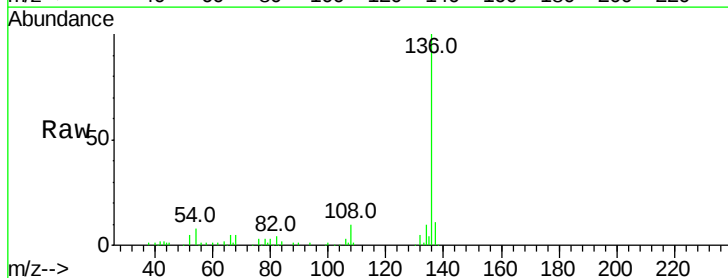
Instrument :
BNA_G
ClientSampleId :

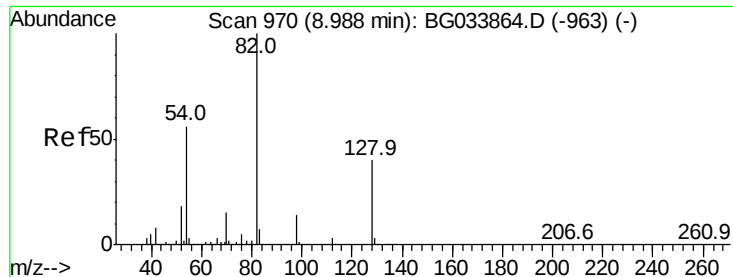
Tot Ion: 70 Resp: 38381
Ion Ratio Lower Upper
70 100
42 48.8 49.1 73.7#
101 0.0 8.5 12.7#
130 4.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.09 min
Lab File: BG034053.D
Acq: 27 Apr 2018 23:56

Tgt Ion: 136 Resp: 212647
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.1 10.3 15.5#
68 5.3 4.5 6.7

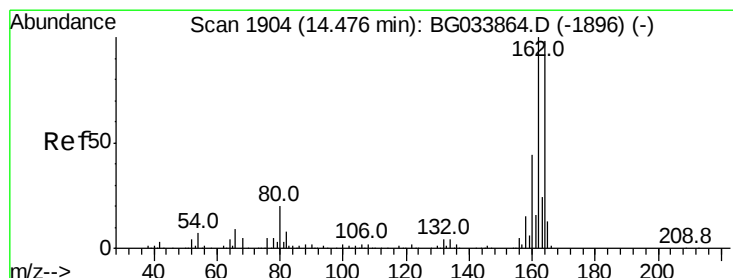
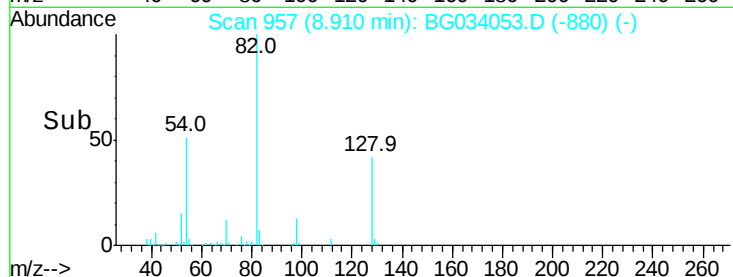
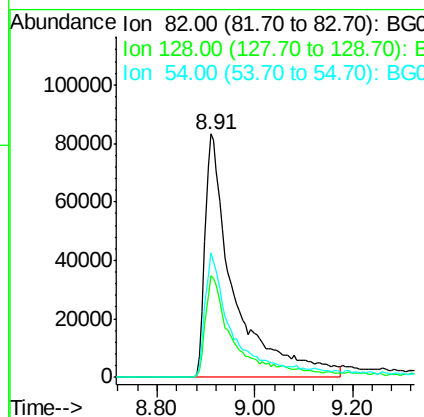
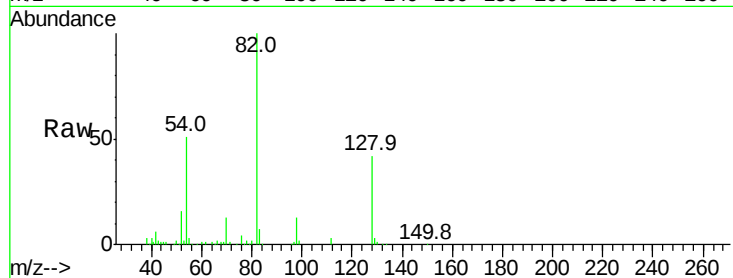




#23
Nitrobenzene-d5
Concen: 91.776 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.08 min
Lab File: BG034053.D
Acq: 27 Apr 2018 23:56

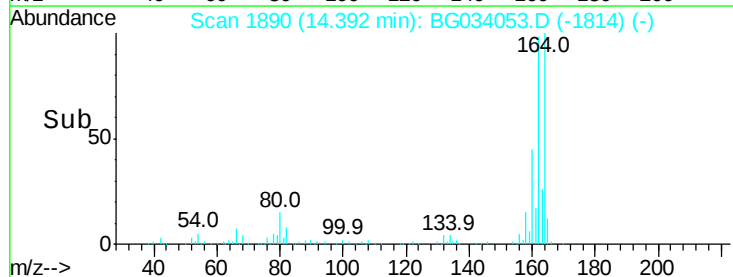
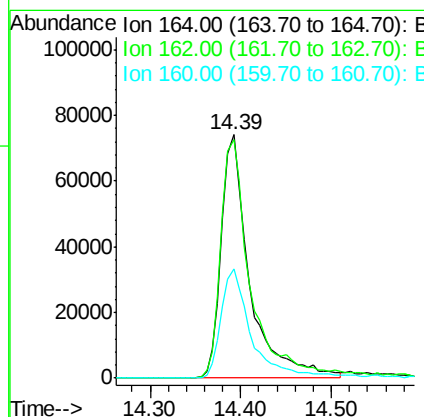
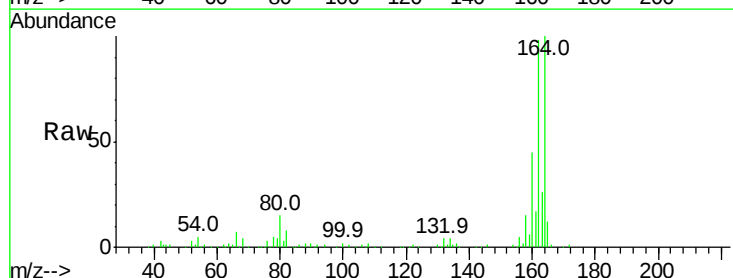
Instrument :
BNA_G
ClientSampleId :

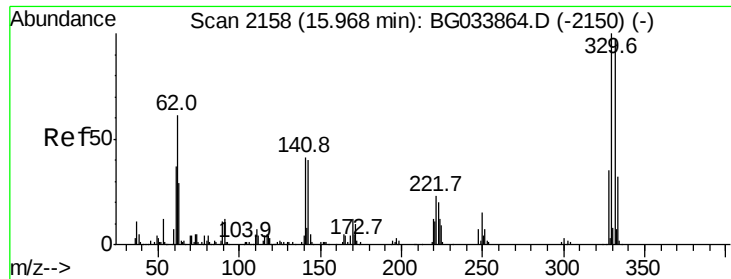
Tot Ion: 82 Resp: 342926
Ion Ratio Lower Upper
82 100
128 41.9 29.7 44.5
54 51.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.08 min
Lab File: BG034053.D
Acq: 27 Apr 2018 23:56

Tgt Ion:164 Resp: 161788
Ion Ratio Lower Upper
164 100
162 97.9 78.8 118.2
160 44.7 35.4 53.0

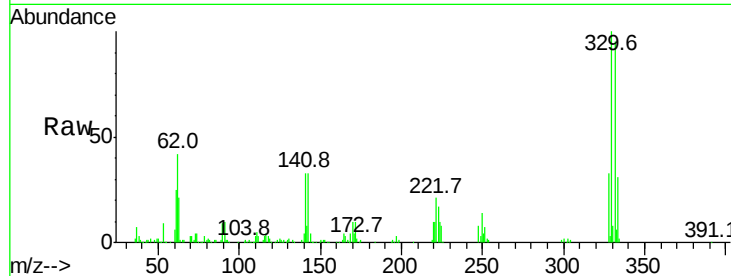




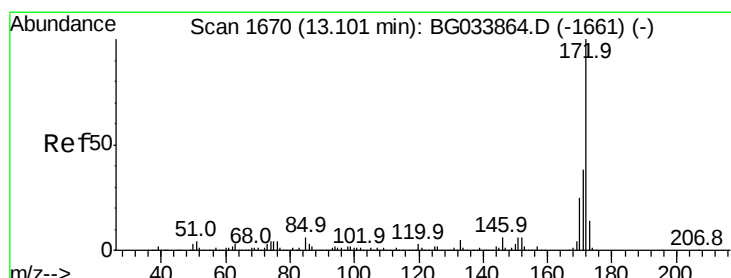
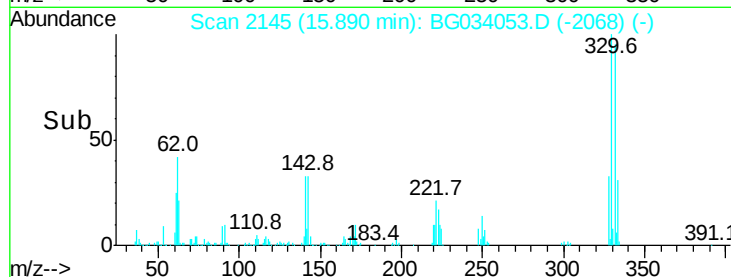
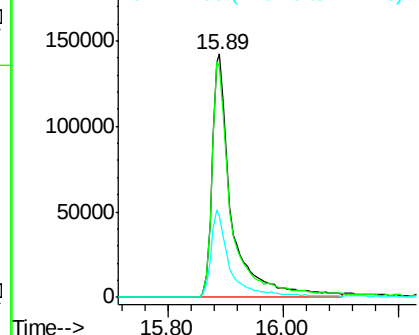
#41
 2,4,6-Tribromophenol
 Concen: 180.188 ng
 RT: 15.89 min Scan# 2145
 Delta R.T. -0.08 min
 Lab File: BG034053.D
 Acq: 27 Apr 2018 23:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 340107
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 35.5 25.2 37.8

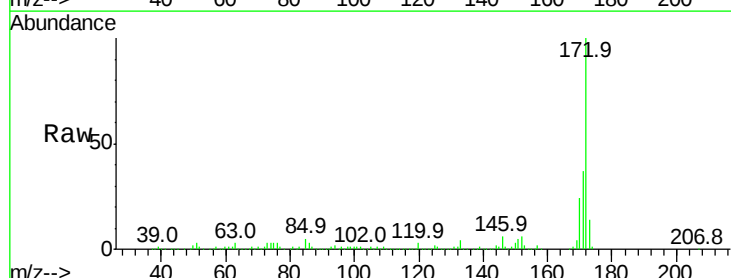


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

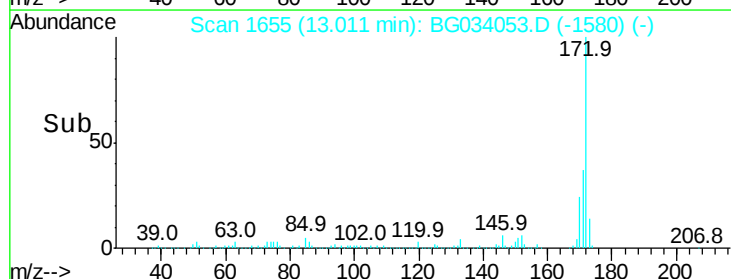
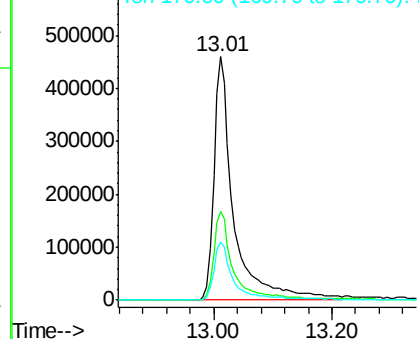


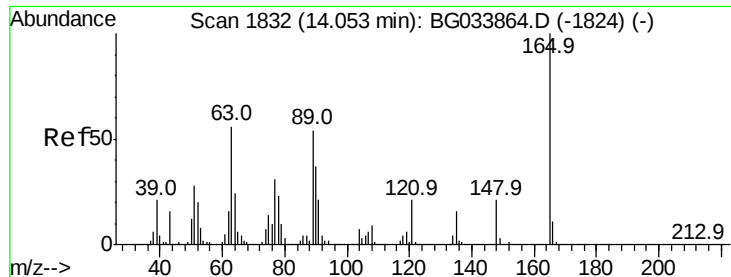
#44
 2-Fluorobiphenyl
 Concen: 97.400 ng
 RT: 13.01 min Scan# 1655
 Delta R.T. -0.09 min
 Lab File: BG034053.D
 Acq: 27 Apr 2018 23:56

Tgt Ion:172 Resp: 1072691
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 23.7 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

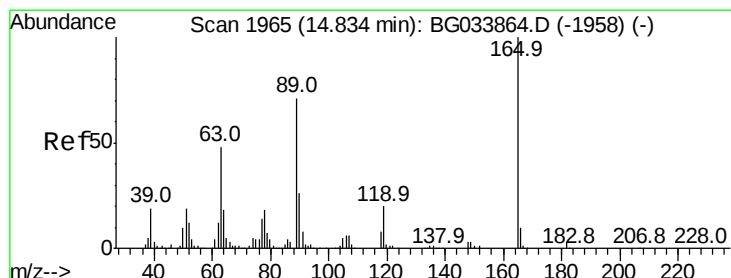
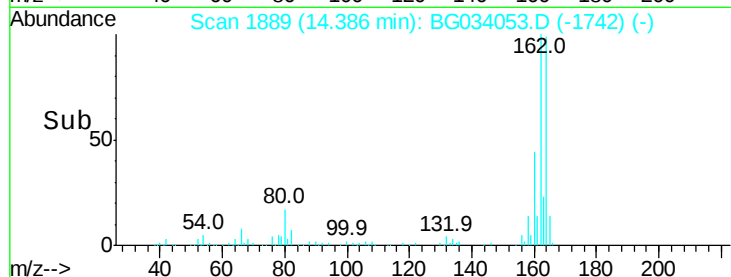
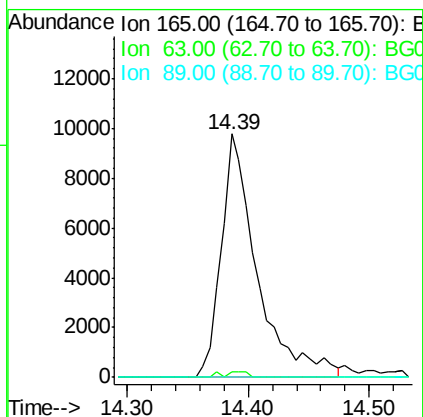
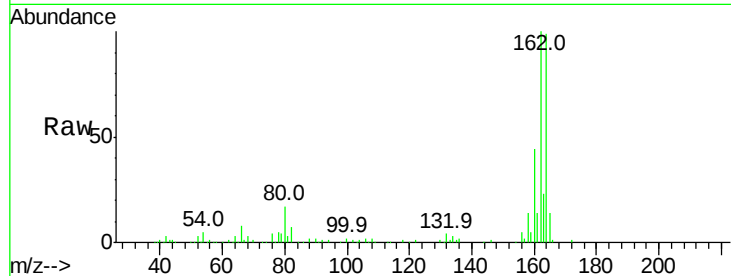




#50
2,6-Dinitrotoluene
Concen: 7.458 ng
RT: 14.39 min Scan# 1889
Delta R.T. 0.33 min
Lab File: BG034053.D
Acq: 27 Apr 2018 23:56

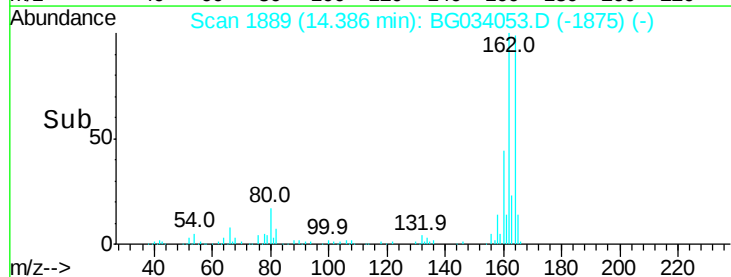
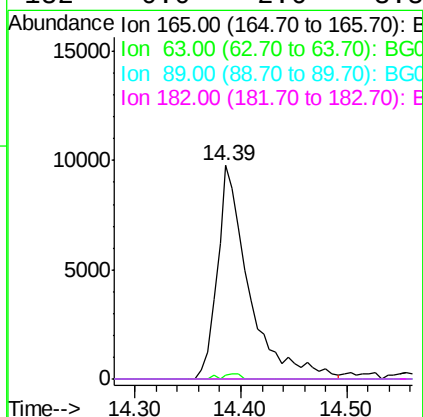
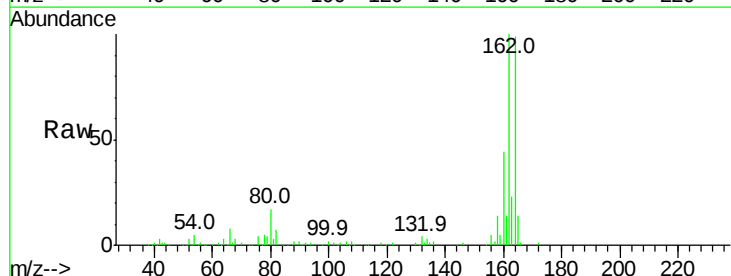
Instrument :
BNA_G
ClientSampleId :

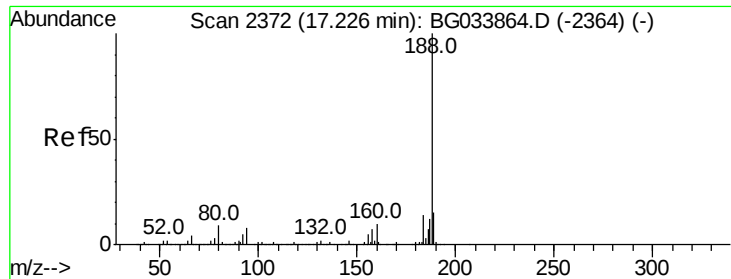
Tot Ion:165 Resp: 20114
Ion Ratio Lower Upper
165 100
63 2.1 52.7 79.1#
89 0.0 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.696 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.45 min
Lab File: BG034053.D
Acq: 27 Apr 2018 23:56

Tgt Ion:165 Resp: 20429
Ion Ratio Lower Upper
165 100
63 2.1 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: 17.15 min Scan# 2359

Delta R.T. -0.08 min

Lab File: BG034053.D

Acq: 27 Apr 2018 23:56

Instrument :

BNA_G

ClientSampleId :

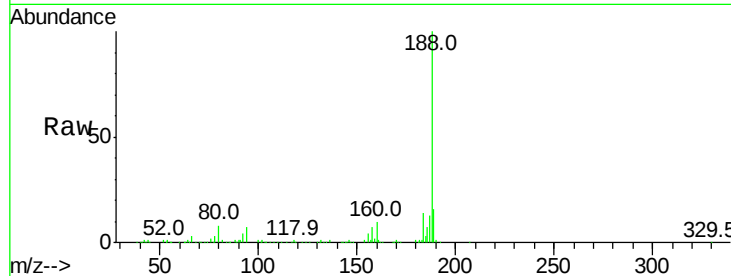
Tot Ion:188 Resp: 482086

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

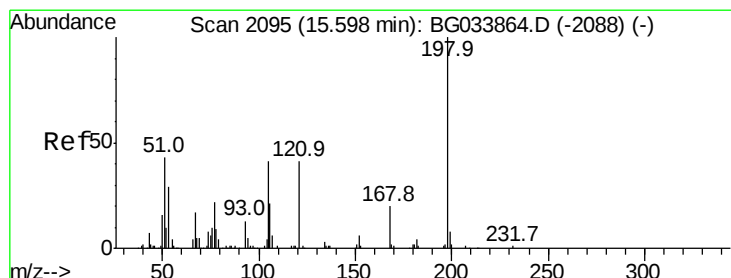
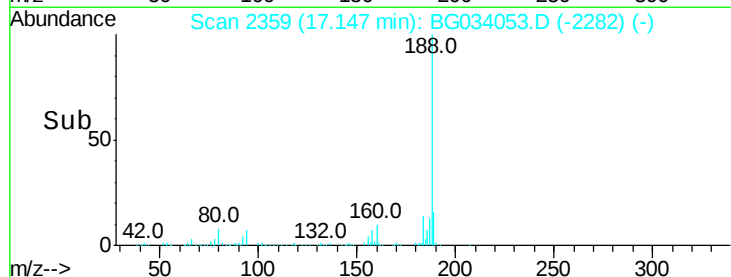
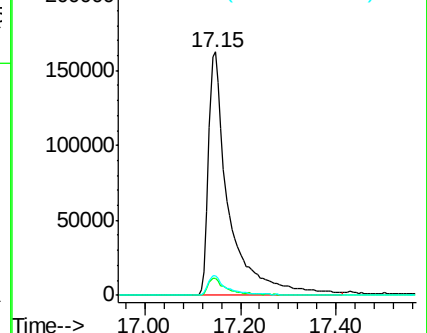
80 8.2 7.7 11.5



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.906 ng

RT: 15.88 min Scan# 2144

Delta R.T. 0.29 min

Lab File: BG034053.D

Acq: 27 Apr 2018 23:56

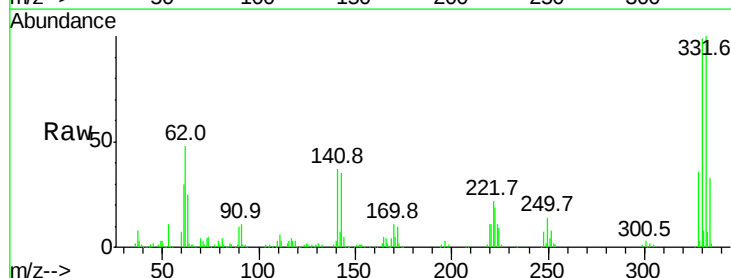
Tgt Ion:198 Resp: 1119

Ion Ratio Lower Upper

198 100

51 25.5 30.6 70.6#

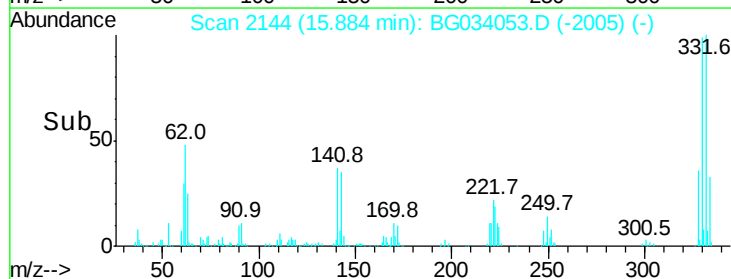
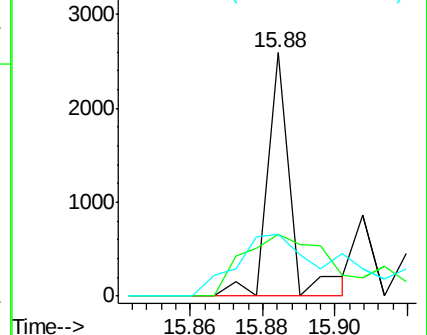
105 25.6 23.8 63.8

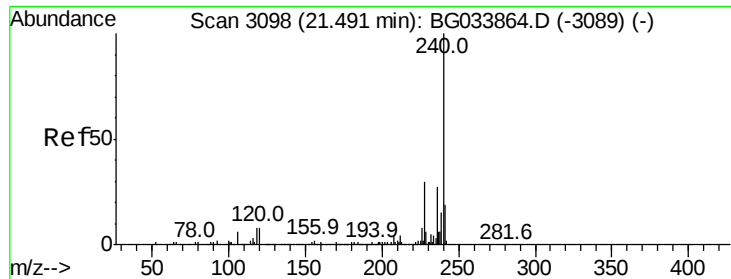


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3082

Delta R.T. -0.10 min

Lab File: BG034053.D

Acq: 27 Apr 2018 23:56

Instrument :

BNA_G

ClientSampleId :

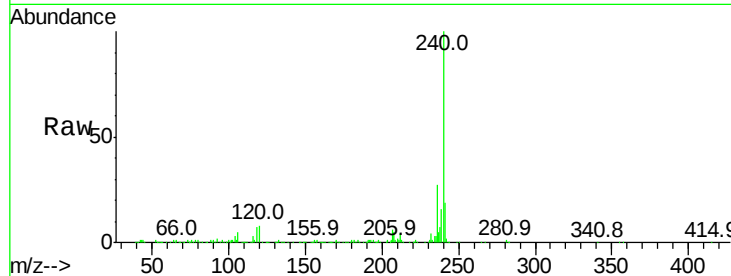
Tot Ion:240 Resp: 534057

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

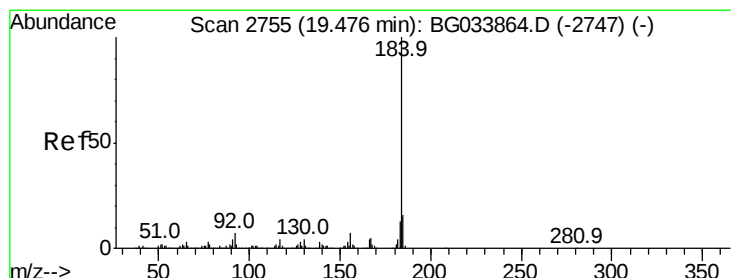
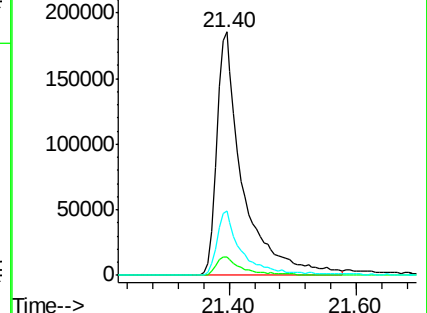
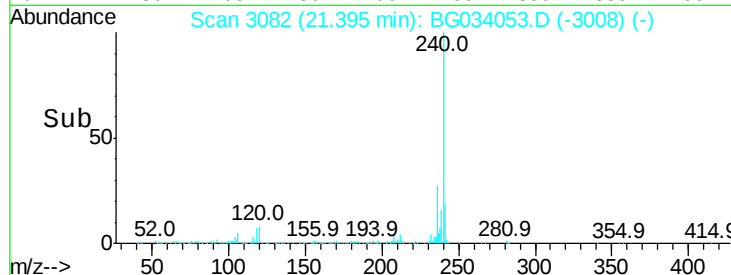
236 26.6 20.9 31.3



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: 2.313 ng

RT: 19.78 min Scan# 2807

Delta R.T. 0.30 min

Lab File: BG034053.D

Acq: 27 Apr 2018 23:56

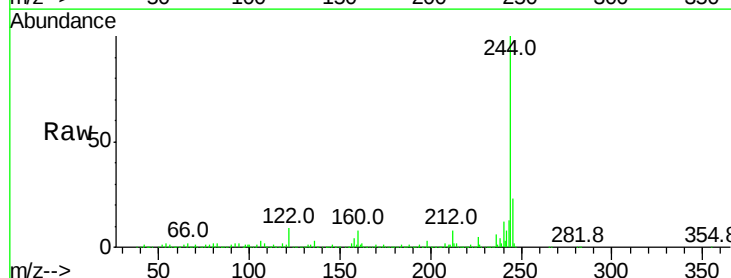
Tgt Ion:184 Resp: 33350

Ion Ratio Lower Upper

184 100

185 19.3 11.1 16.7#

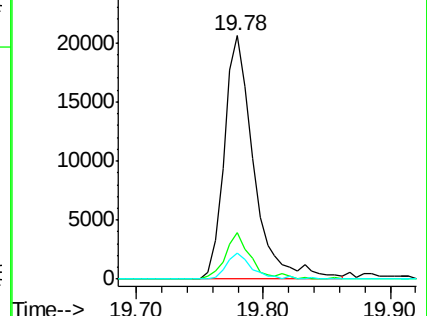
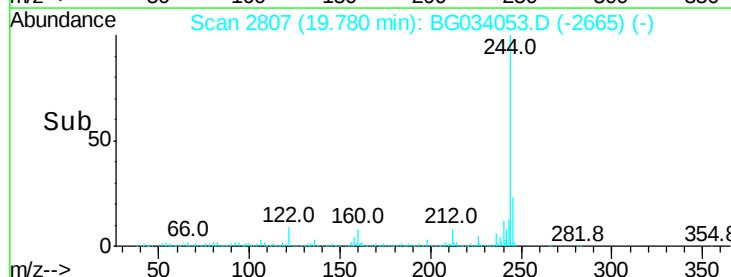
183 10.6 10.6 16.0#

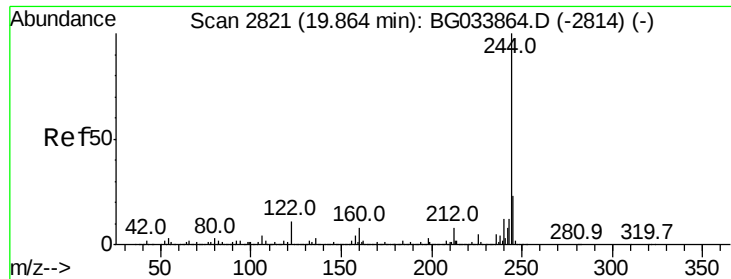


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

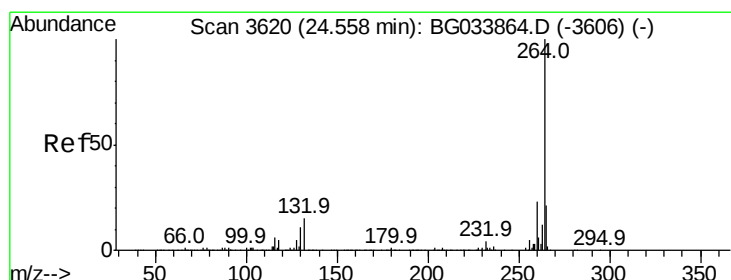
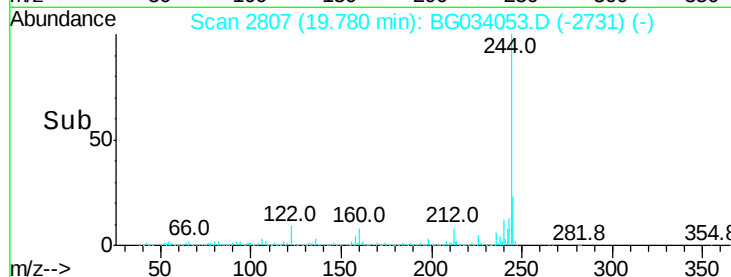
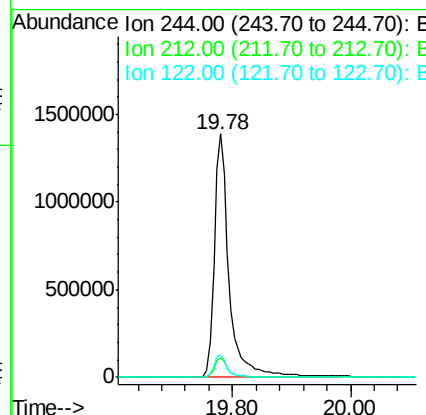
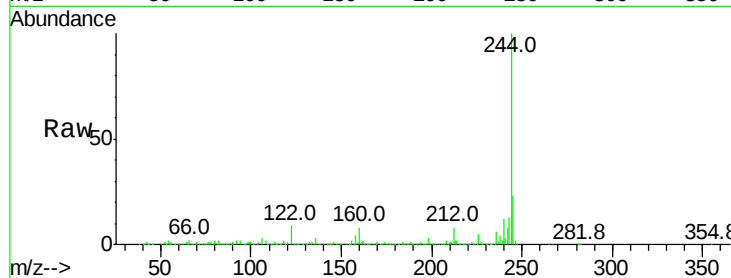




#78
 Terphenyl-d14
 Concen: 102.744 ng
 RT: 19.78 min Scan# 2807
 Delta R.T. -0.08 min
 Lab File: BG034053.D
 Acq: 27 Apr 2018 23:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2442405
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 9.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.39 min Scan# 3592
 Delta R.T. -0.17 min
 Lab File: BG034053.D
 Acq: 27 Apr 2018 23:56

Tgt Ion:264 Resp: 515407
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.4 26.0
 265 21.9 17.7 26.5

