

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034054.D
 Acq On : 28 Apr 2018 00:34
 Operator : SJ/JU
 Sample : J2549-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 28 02:03:58 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

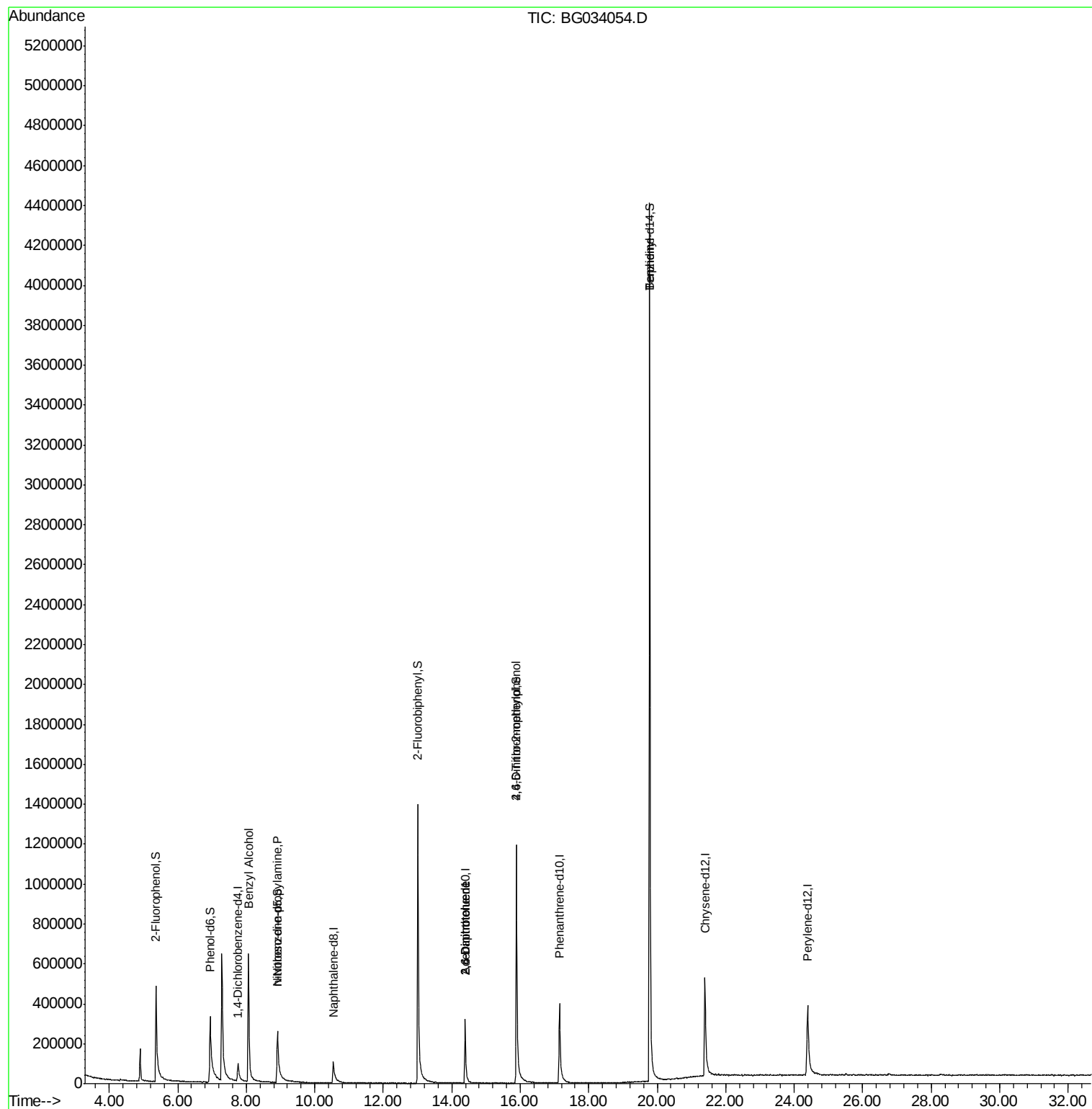
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	36842	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	200953	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	162988	20.00	ng	-0.08
63) Phenanthrene-d10	17.15	188	481324	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	542444	20.00	ng	-0.10
86) Perylene-d12	24.39	264	534786	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	416525	180.50	ng	-0.08
7) Phenol-d6	6.94	99	436161	129.59	ng	-0.06
23) Nitrobenzene-d5	8.91	82	332199	94.08	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	334263	175.79	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1182999	106.62	ng	-0.09
78) Terphenyl-d14	19.78	244	2636050	109.18	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.93	77	83	Below Cal	Qvalue #	5
15) Benzyl Alcohol	8.07	79	7066	2.408 ng	#	48
19) n-Nitroso-di-n-propylamine	8.91	70	44498	15.510 ng	#	77
50) 2,6-Dinitrotoluene	14.39	165	21182	7.796 ng	#	20
56) 2,4-Dinitrotoluene	14.39	165	21804	6.035 ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.88	198	851	6.807 ng	#	80
76) Benzydine	19.78	184	37881	2.586 ng	#	95

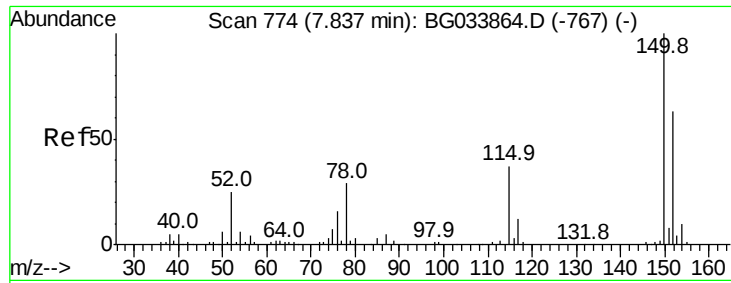
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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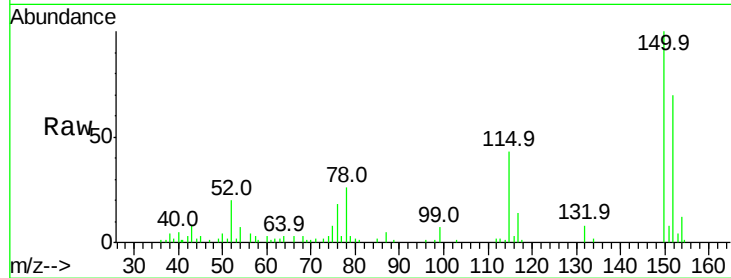


#1

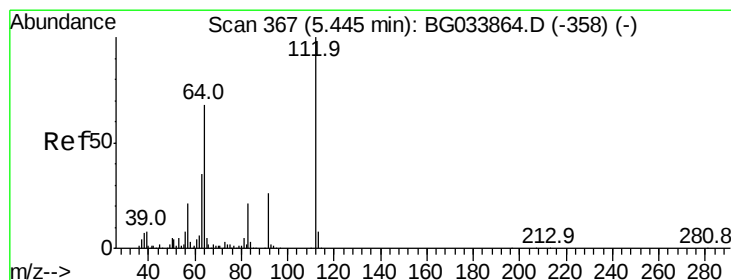
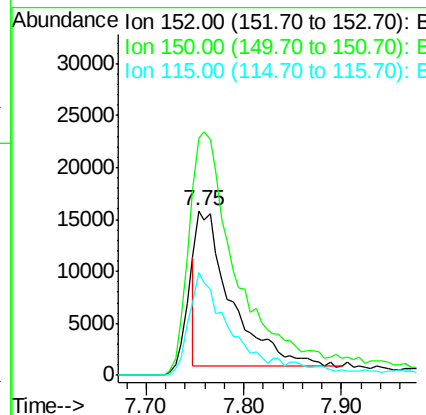
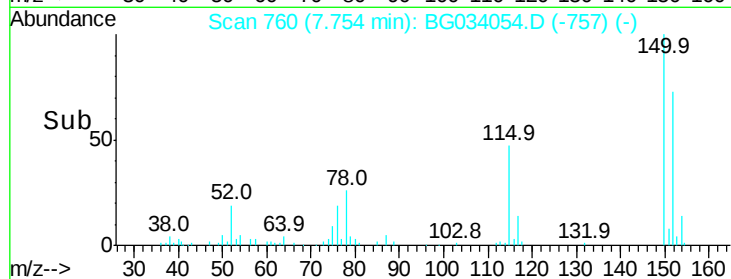
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 760
Delta R.T. -0.08 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 36842
Ion Ratio Lower Upper
152 100
150 143.9 126.6 189.8
115 62.4 53.0 79.4



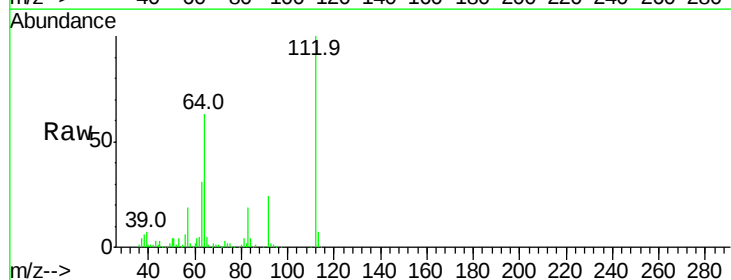
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



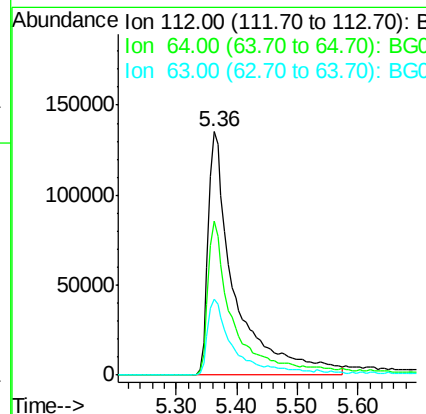
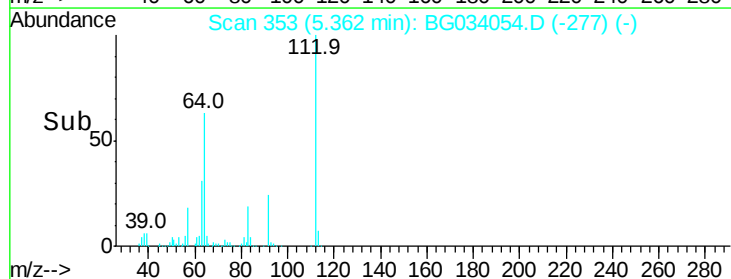
#5

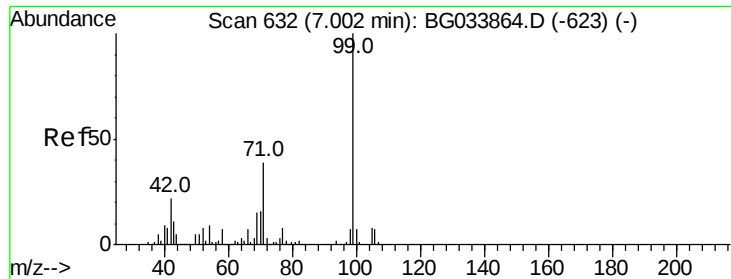
2-Fluorophenol
Concen: 180.499 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Tgt Ion:112 Resp: 416525
Ion Ratio Lower Upper
112 100
64 63.3 56.3 84.5
63 31.4 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: 129.586 ng

RT: 6.94 min Scan# 622

Delta R.T. -0.06 min

Lab File: BG034054.D

Acq: 28 Apr 2018 00:34

Instrument :

BNA_G

ClientSampleId :

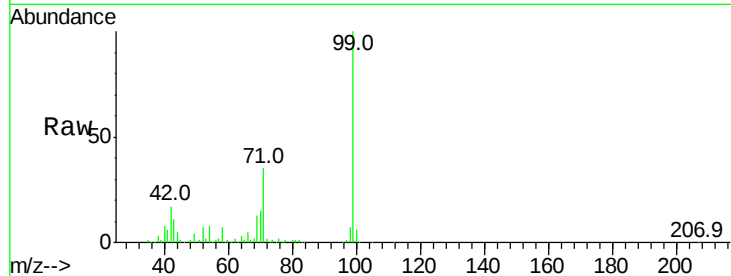
Tot Ion: 99 Resp: 436161

Ion Ratio Lower Upper

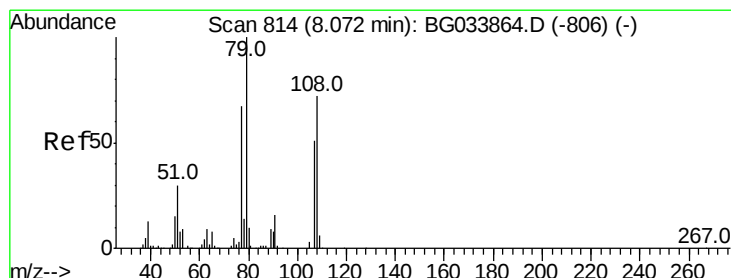
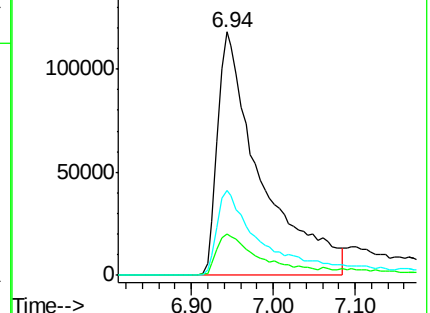
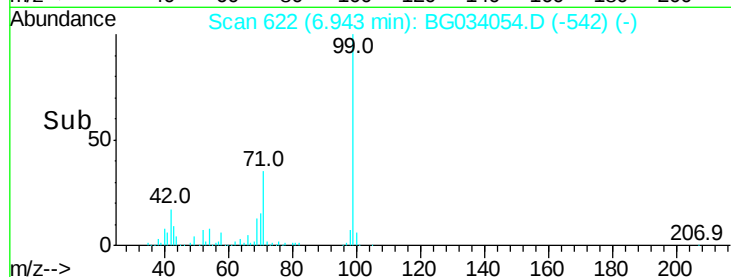
99 100

42 17.2 14.1 21.1

71 34.9 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: 2.408 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG034054.D

Acq: 28 Apr 2018 00:34

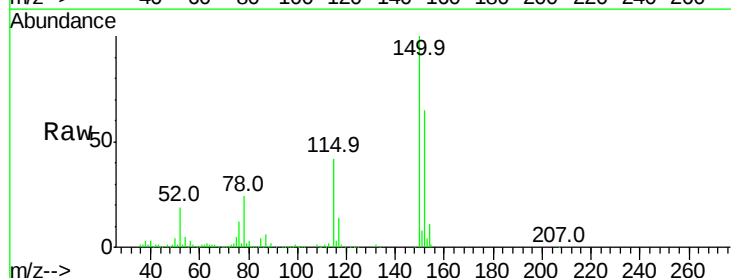
Tgt Ion: 79 Resp: 7066

Ion Ratio Lower Upper

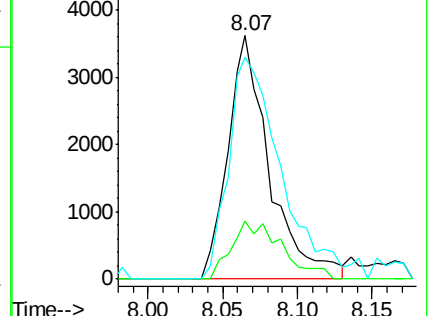
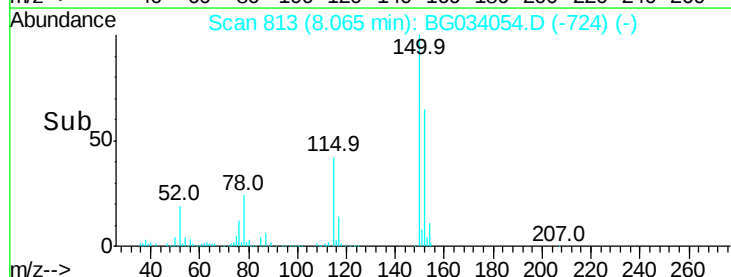
79 100

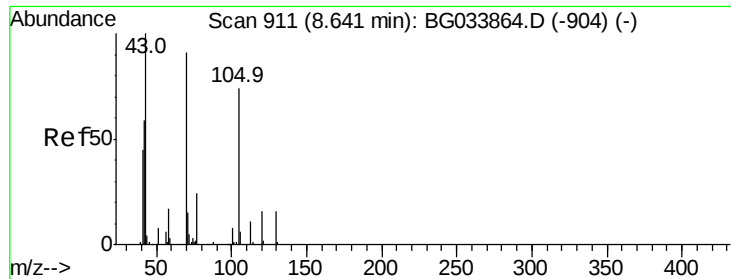
108 23.8 57.2 85.8#

77 91.0 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

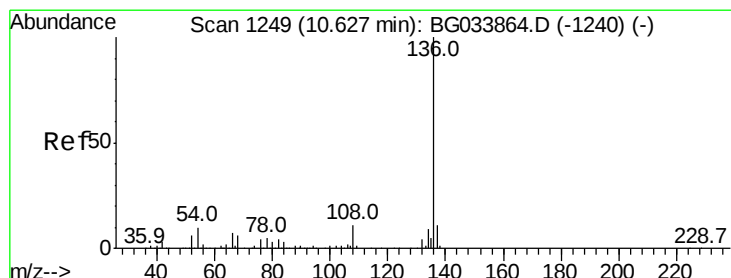
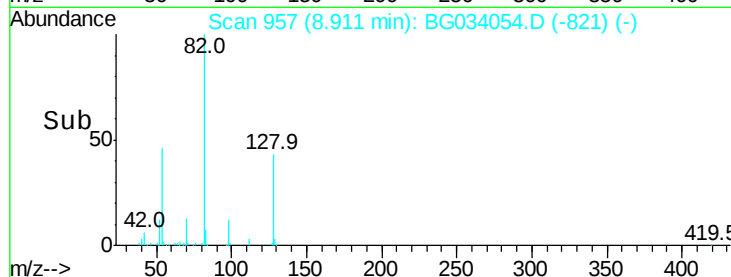
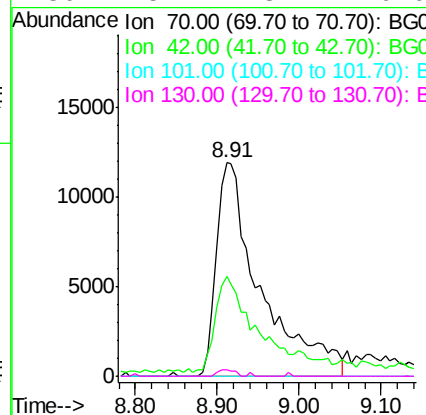
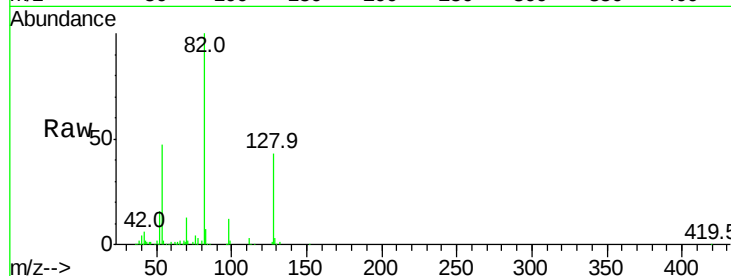




#19
n-Nitroso-di-n-propylamine
Concen: 15.510 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.27 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

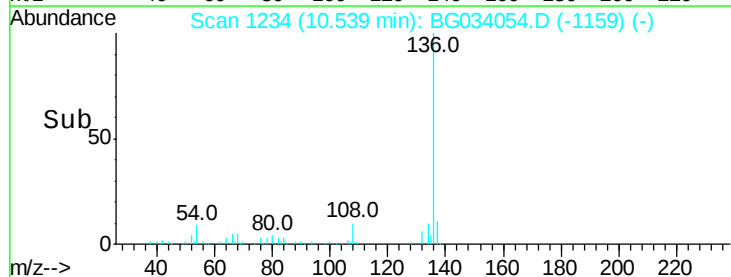
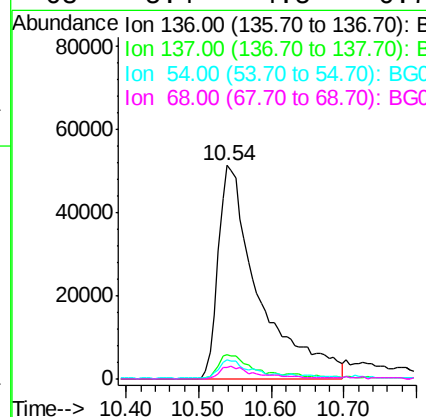
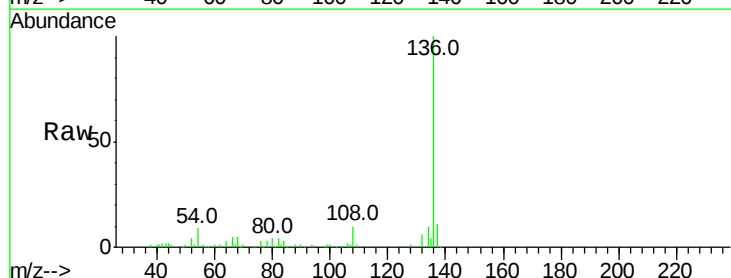
Instrument :
BNA_G
ClientSampleId :

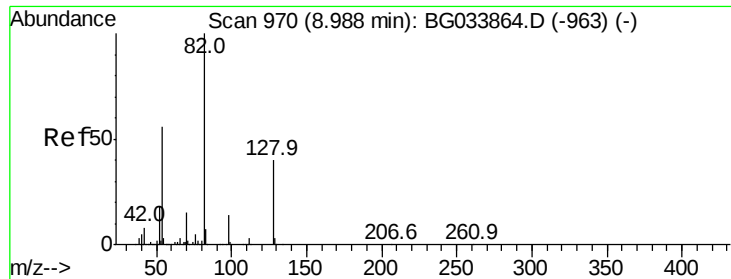
Tot Ion: 70 Resp: 44498
Ion Ratio Lower Upper
70 100
42 46.6 49.1 73.7#
101 0.0 8.5 12.7#
130 3.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.09 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Tgt Ion: 136 Resp: 200953
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 9.2 10.3 15.5#
68 5.4 4.5 6.7

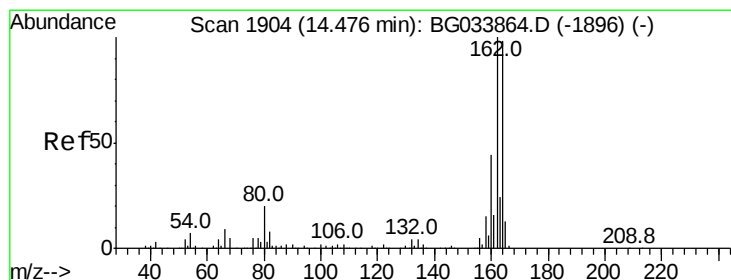
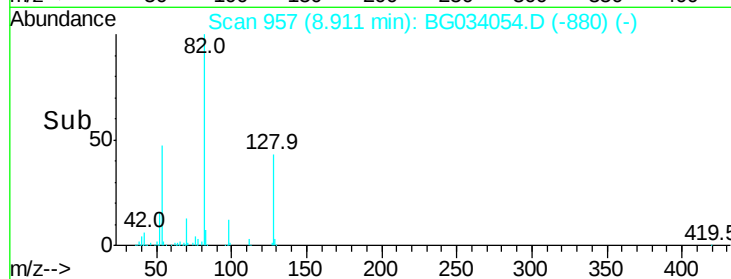
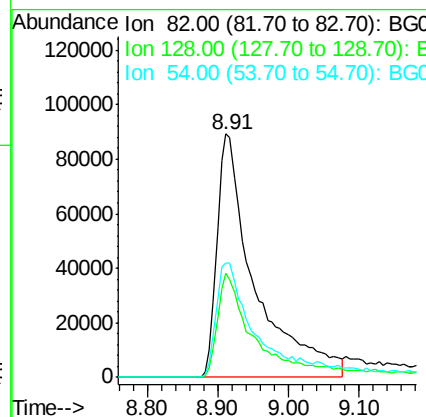
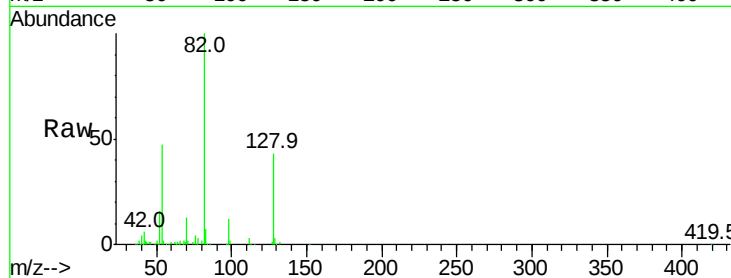




#23
 Nitrobenzene-d5
 Concen: 94.078 ng
 RT: 8.91 min Scan# 957
 Delta R.T. -0.08 min
 Lab File: BG034054.D
 Acq: 28 Apr 2018 00:34

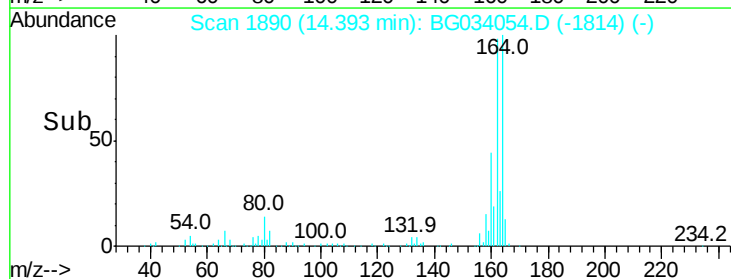
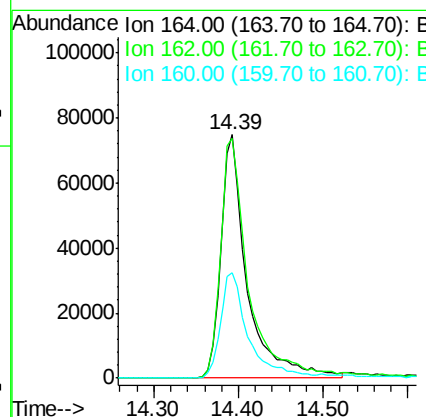
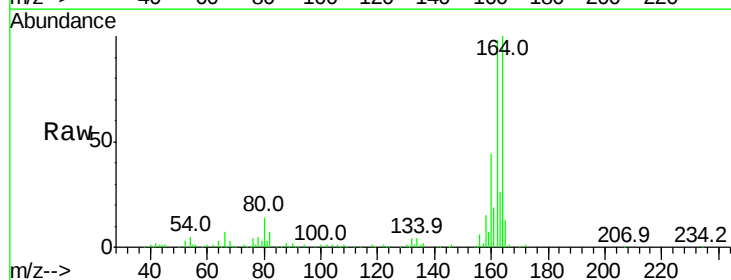
Instrument :
 BNA_G
 ClientSampleId :

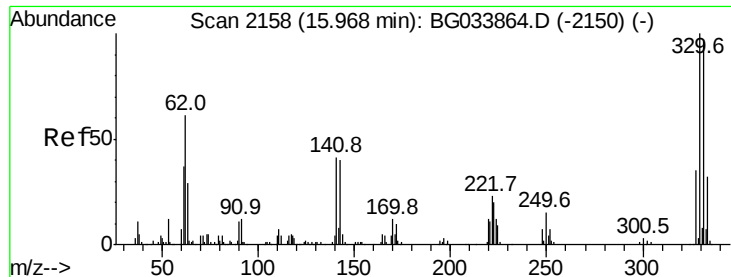
Tot Ion	82	Resp	332199
Ion Ratio	Lower	Upper	
82	100		
128	42.8	29.7	44.5
54	46.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1890
 Delta R.T. -0.08 min
 Lab File: BG034054.D
 Acq: 28 Apr 2018 00:34

Tgt Ion	164	Resp	162988
Ion Ratio	Lower	Upper	
164	100		
162	98.3	78.8	118.2
160	43.5	35.4	53.0

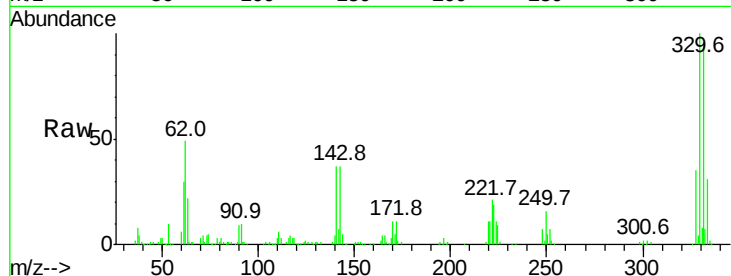




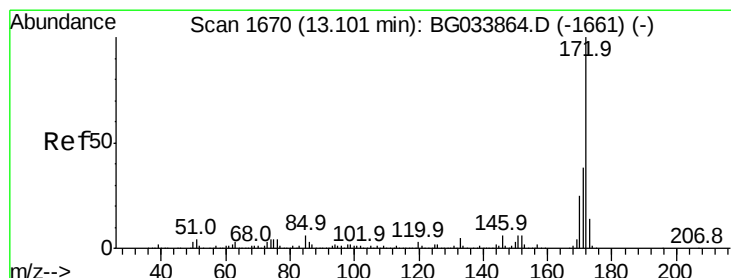
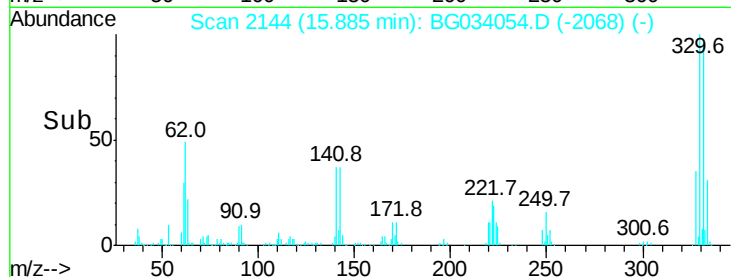
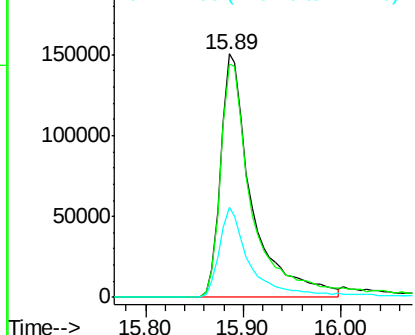
#41
 2,4,6-Tribromophenol
 Concen: 175.788 ng
 RT: 15.89 min Scan# 2144
 Delta R.T. -0.08 min
 Lab File: BG034054.D
 Acq: 28 Apr 2018 00:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 334263
 Ion Ratio Lower Upper
 330 100
 332 99.7 77.0 115.6
 141 37.6 25.2 37.8

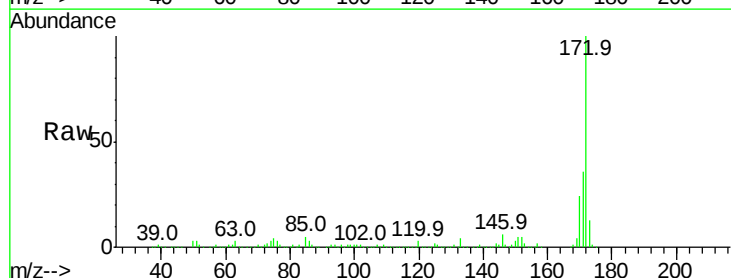


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

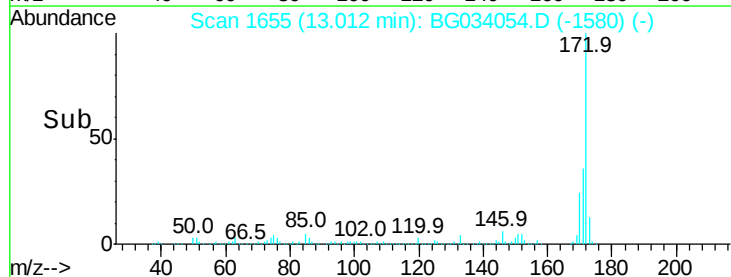
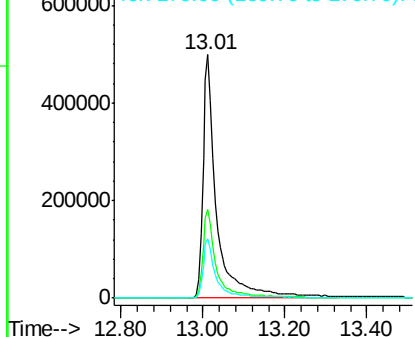


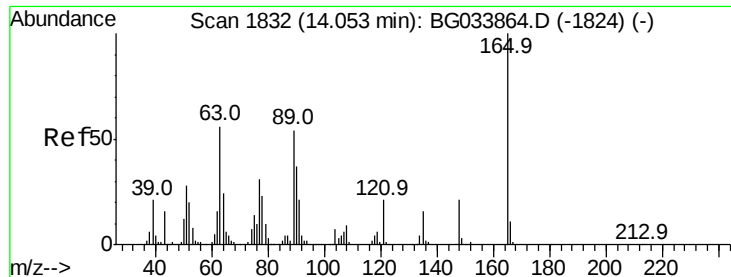
#44
 2-Fluorobiphenyl
 Concen: 106.625 ng
 RT: 13.01 min Scan# 1655
 Delta R.T. -0.09 min
 Lab File: BG034054.D
 Acq: 28 Apr 2018 00:34

Tgt Ion:172 Resp: 1182999
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.0 45.0
 170 24.4 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

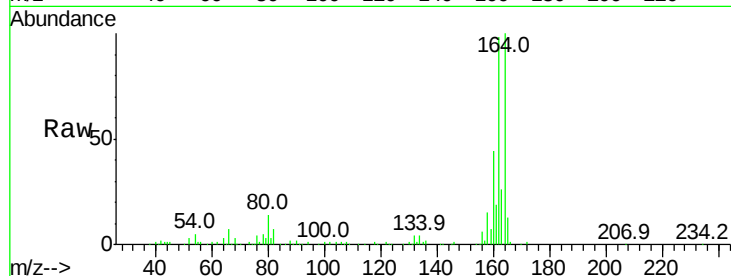




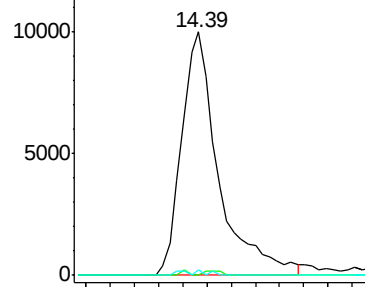
#50
2,6-Dinitrotoluene
Concen: 7.796 ng
RT: 14.39 min Scan# 1890
Delta R.T. 0.34 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Instrument :
BNA_G
ClientSampleId :

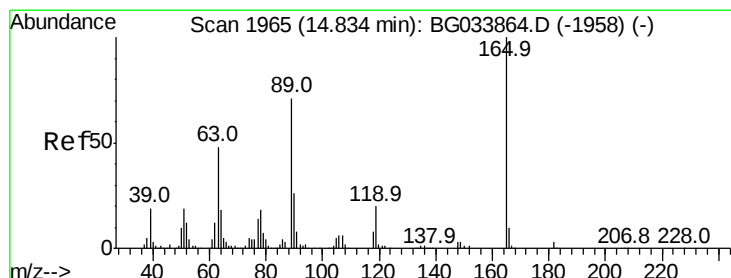
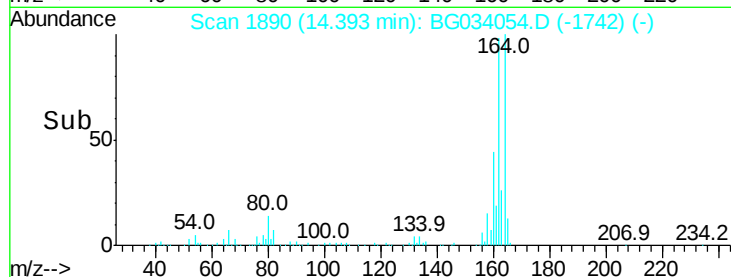
Tot Ion:165 Resp: 21182
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.3 49.2 73.8#



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

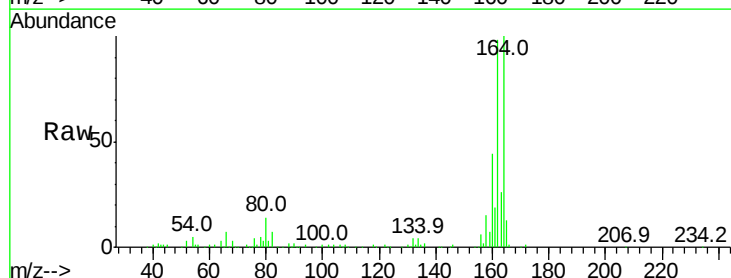


Time--> 14.30 14.40 14.50

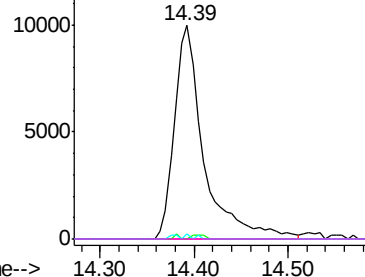


#56
2,4-Dinitrotoluene
Concen: 6.035 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.44 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

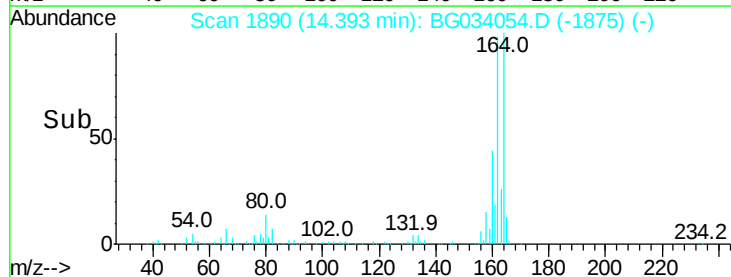
Tgt Ion:165 Resp: 21804
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.3 66.9 100.3#
182 0.0 2.6 3.8#

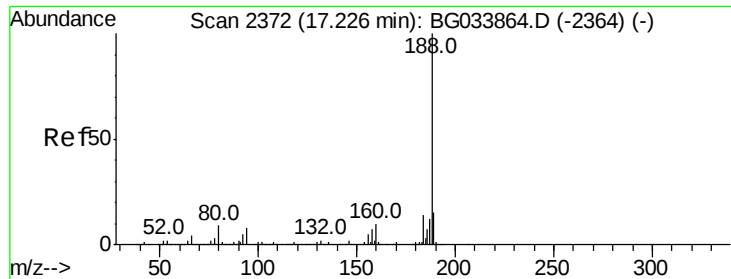


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E



Time--> 14.30 14.40 14.50

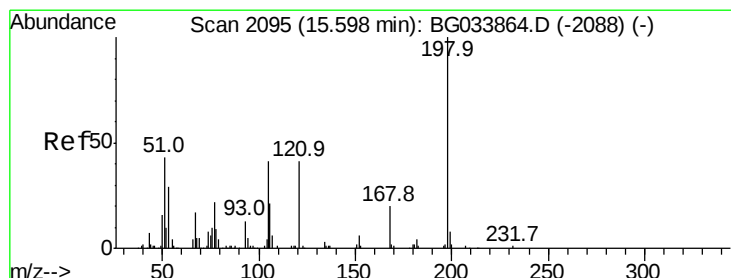
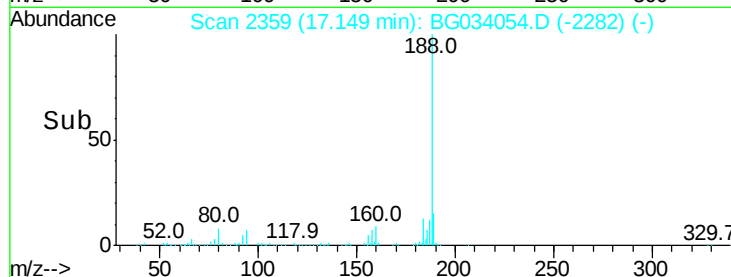
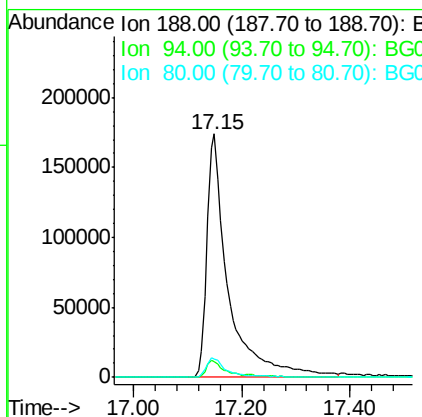
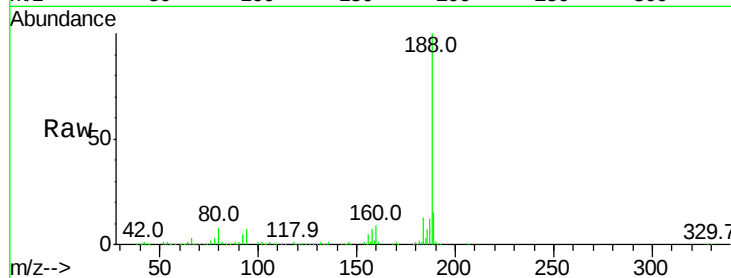




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2359
Delta R.T. -0.08 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

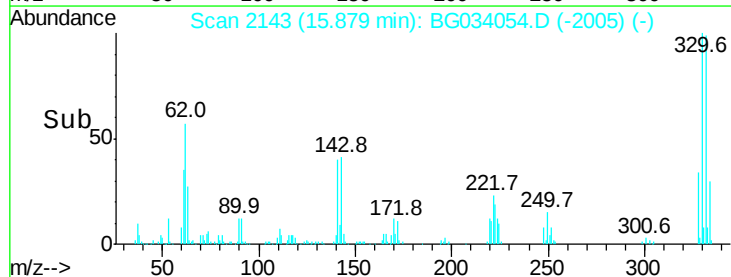
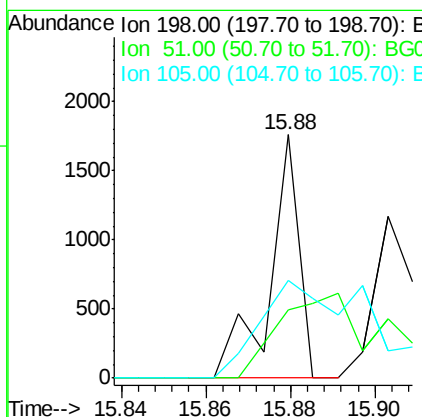
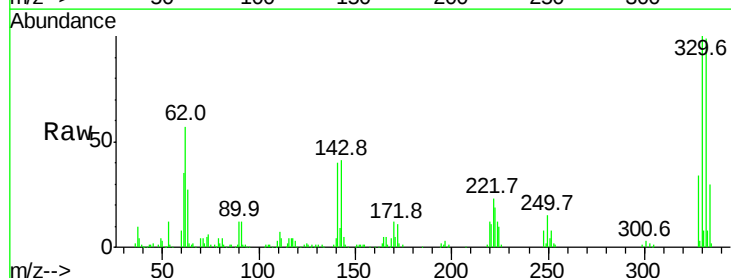
Instrument :
BNA_G
ClientSampleId :

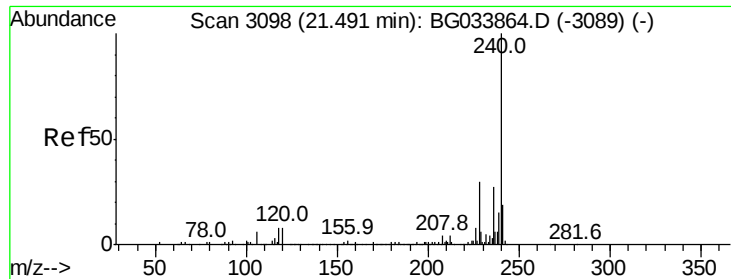
Tot Ion:188 Resp: 481324
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.7 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 6.807 ng
RT: 15.88 min Scan# 2143
Delta R.T. 0.28 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Tgt Ion:198 Resp: 851
Ion Ratio Lower Upper
198 100
51 28.3 30.6 70.6#
105 40.4 23.8 63.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3081

Delta R.T. -0.10 min

Lab File: BG034054.D

Acq: 28 Apr 2018 00:34

Instrument :

BNA_G

ClientSampleId :

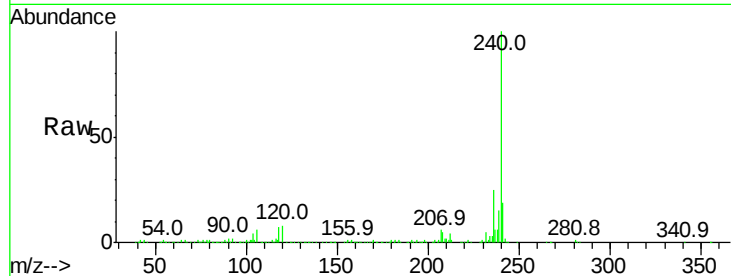
Tot Ion:240 Resp: 542444

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

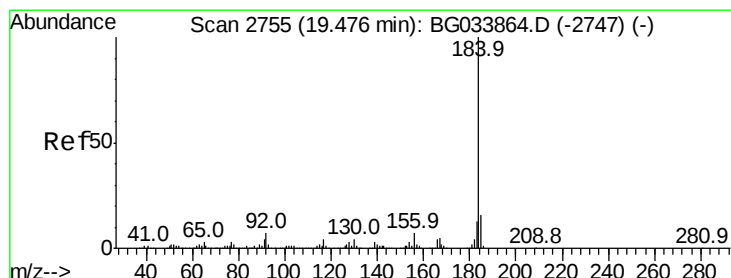
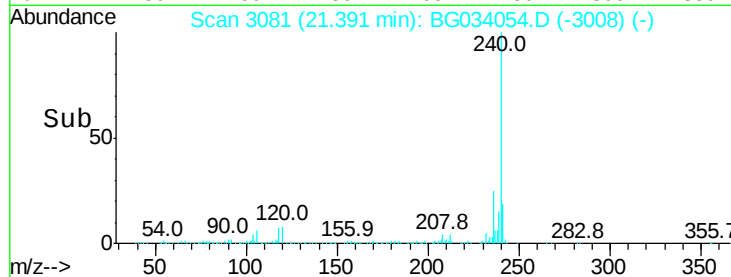
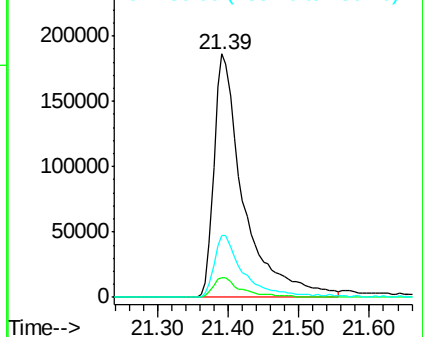
236 25.2 20.9 31.3



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: 2.586 ng

RT: 19.78 min Scan# 2807

Delta R.T. 0.30 min

Lab File: BG034054.D

Acq: 28 Apr 2018 00:34

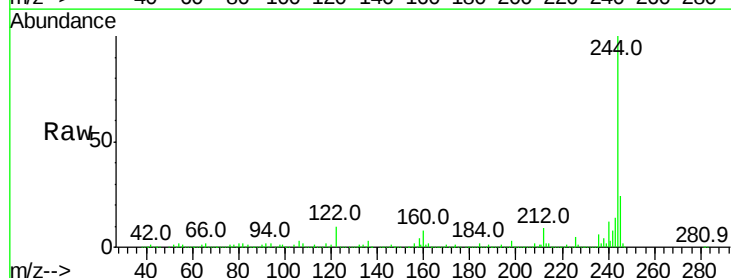
Tgt Ion:184 Resp: 37881

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

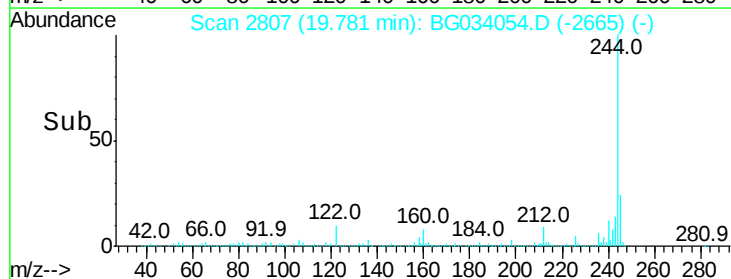
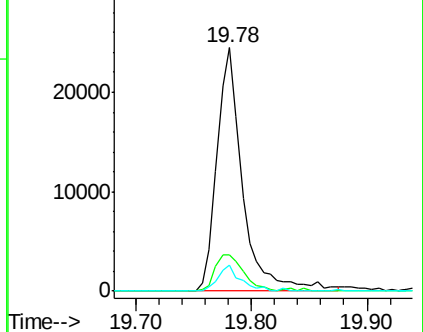
183 10.5 10.6 16.0#

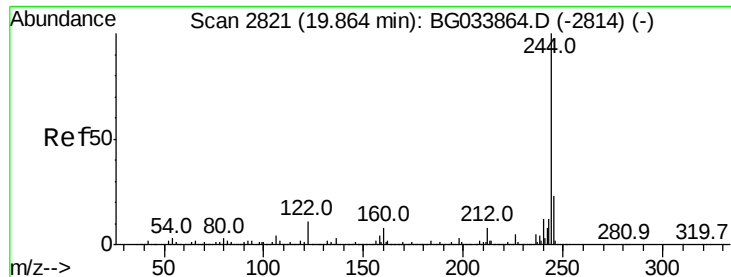


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 109.176 ng

RT: 19.78 min Scan# 2807

Delta R.T. -0.08 min

Lab File: BG034054.D

Acq: 28 Apr 2018 00:34

Instrument :

BNA_G

ClientSampleId :

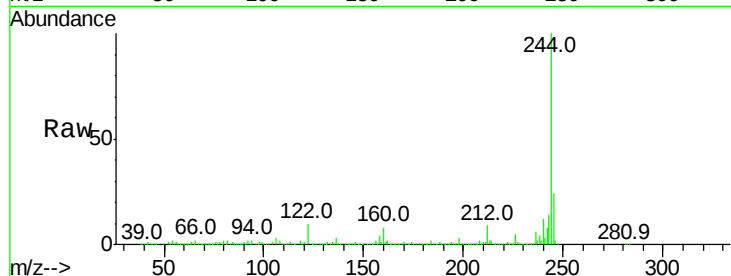
Tot Ion:244 Resp: 2636050

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

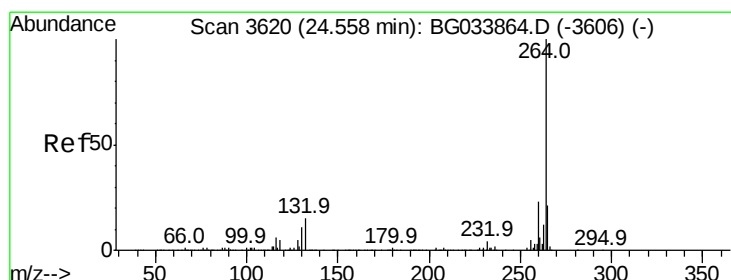
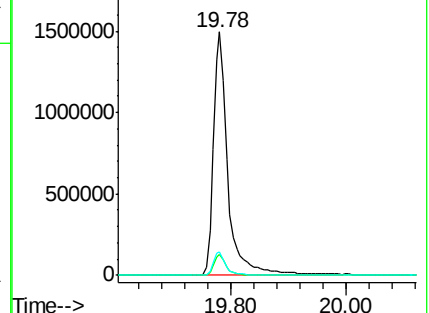
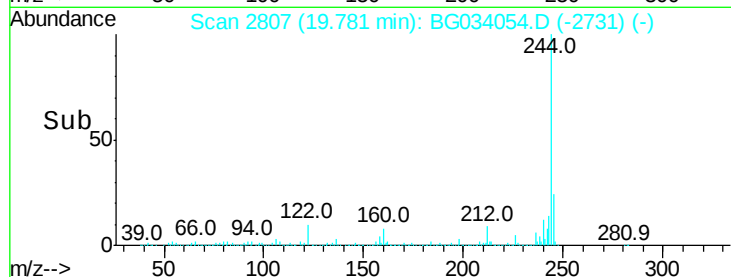
122 9.6 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.39 min Scan# 3592

Delta R.T. -0.17 min

Lab File: BG034054.D

Acq: 28 Apr 2018 00:34

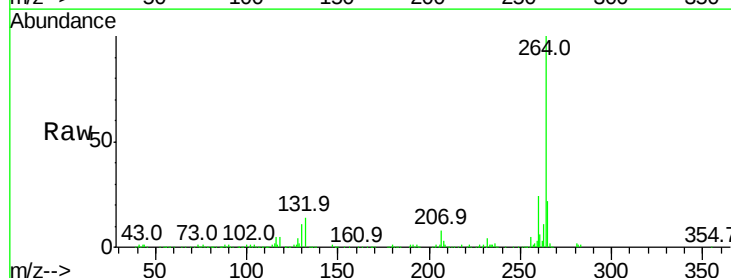
Tgt Ion:264 Resp: 534786

Ion Ratio Lower Upper

264 100

260 23.6 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

