

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042618\
 Data File : BG034026.D
 Acq On : 27 Apr 2018 00:35
 Operator : SJ/JU
 Sample : J2571-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 042418-DBRI-E-U-B

Quant Time: Apr 27 01:43:02 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

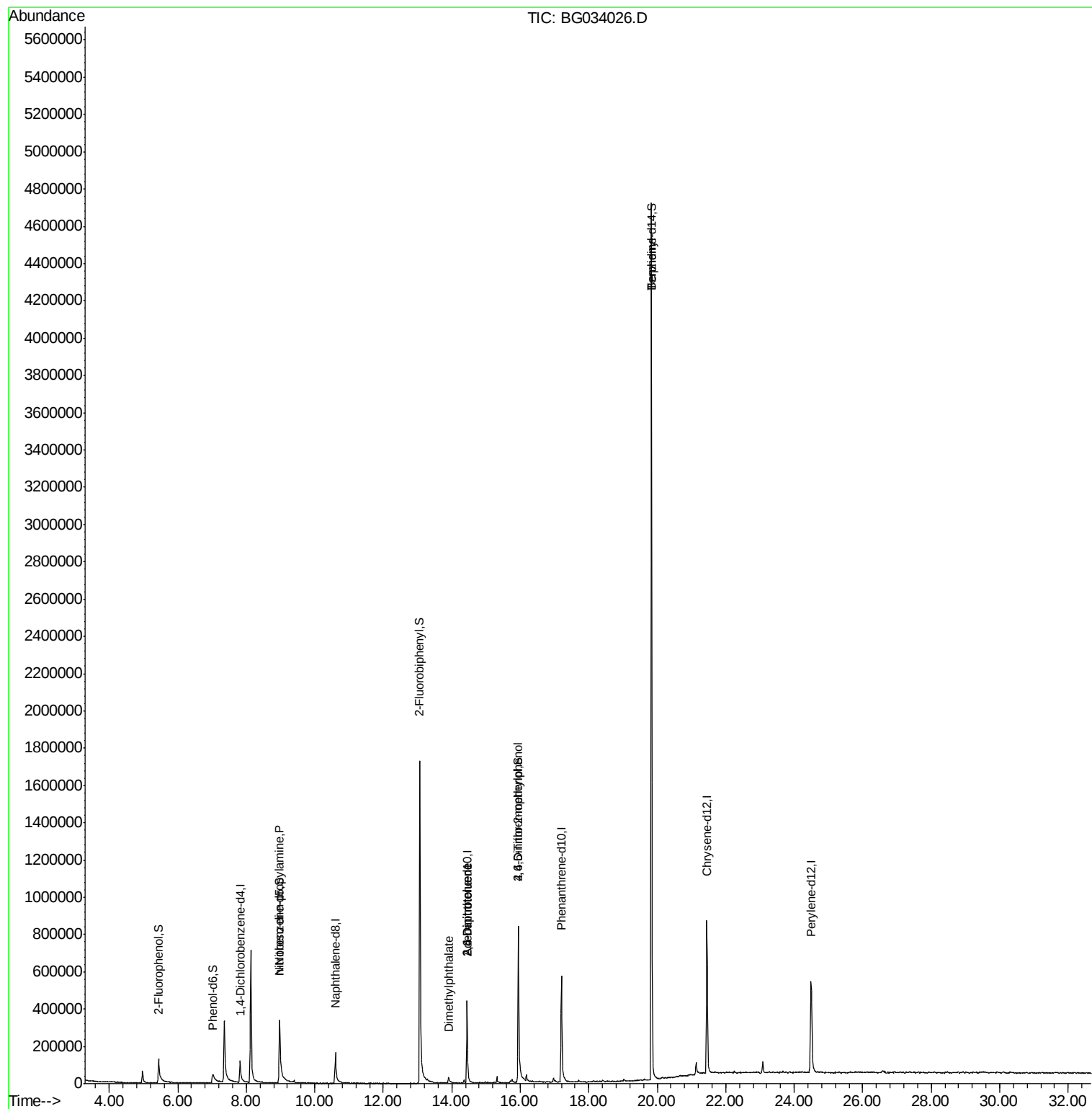
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	52020	20.00	ng	-0.02
21) Naphthalene-d8	10.60	136	237247	20.00	ng	-0.02
38) Acenaphthene-d10	14.45	164	188430	20.00	ng	-0.03
63) Phenanthrene-d10	17.20	188	545777	20.00	ng	-0.02
75) Chrysene-d12	21.45	240	587547	20.00	ng	-0.04
86) Perylene-d12	24.49	264	590423	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	123803	38.00	ng	0.00
7) Phenol-d6	7.03	99	91635	19.28	ng	0.02
23) Nitrobenzene-d5	8.97	82	382393	91.73	ng	-0.02
41) 2,4,6-Tribromophenol	15.94	330	246376	112.07	ng	-0.02
44) 2-Fluorobiphenyl	13.07	172	1299750	101.33	ng	-0.04
78) Terphenyl-d14	19.83	244	2471226	94.49	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.96	77	60	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.97	70	50610	12.493 ng	#	77
49) Dimethylphthalate	13.91	163	39841	2.404 ng	#	95
50) 2,6-Dinitrotoluene	14.45	165	24175	7.696 ng	#	21
56) 2,4-Dinitrotoluene	14.45	165	24175	5.788 ng	#	19
64) 4,6-Dinitro-2-methylphenol	15.93	198	950	6.802 ng	#	77
76) Benzydine	19.83	184	38253	2.411 ng	#	95

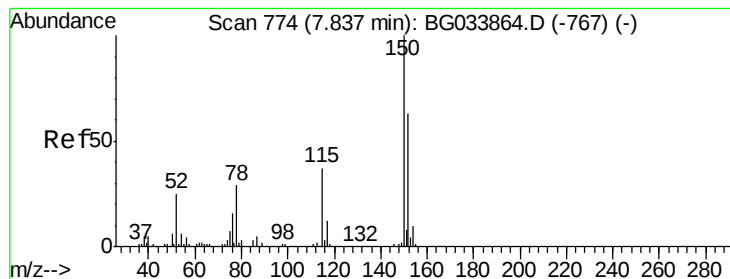
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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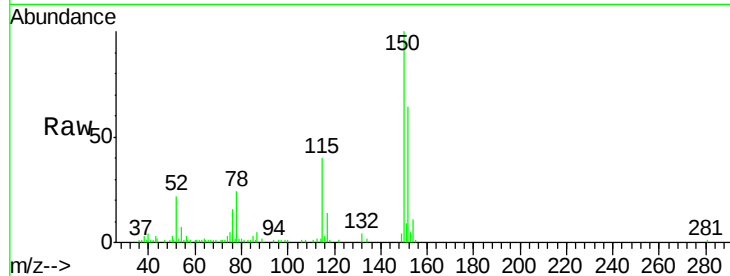


#1

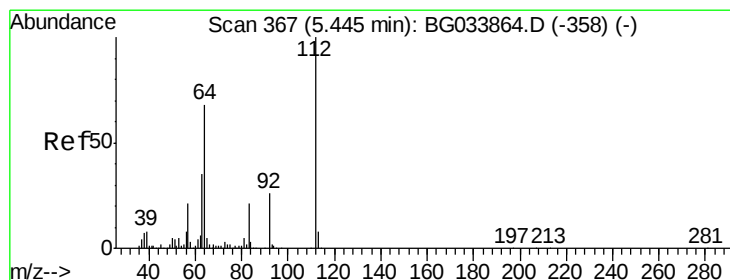
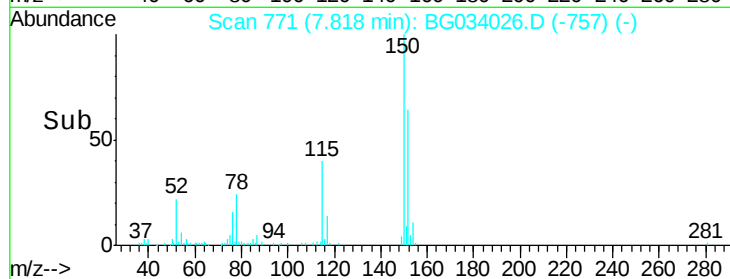
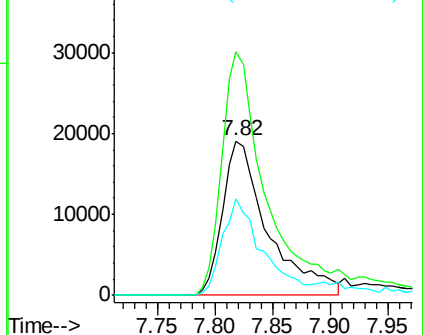
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG034026.D
Acq: 27 Apr 2018 00:35

Instrument :
BNA_G
ClientSampleId :
042418-DBRI-E-U-B

Tgt Ion:152 Resp: 52020
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 62.6 53.0 79.4



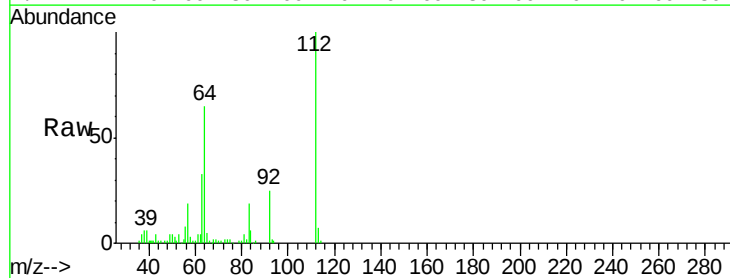
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



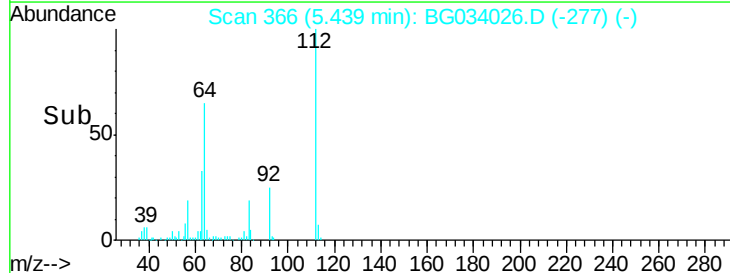
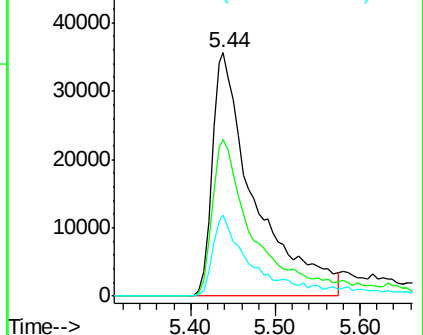
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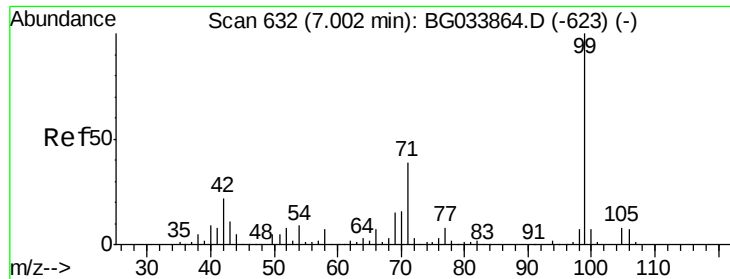
2-Fluorophenol
Concen: 37.996 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG034026.D
Acq: 27 Apr 2018 00:35

Tgt Ion:112 Resp: 123803
Ion Ratio Lower Upper
112 100
64 64.6 56.3 84.5
63 33.5 30.1 45.1



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





#7

Phenol-d6

Concen: 19.282 ng

RT: 7.03 min Scan# 636

Delta R.T. 0.02 min

Lab File: BG034026.D

Acq: 27 Apr 2018 00:35

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-U-B

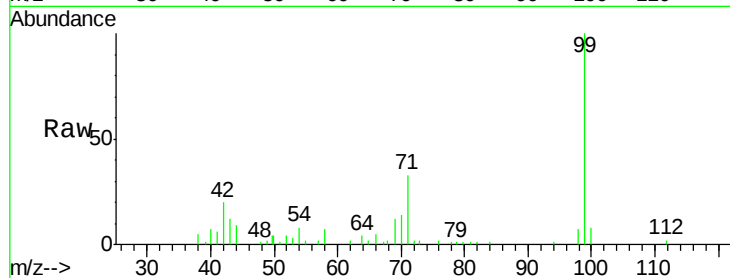
Tgt Ion: 99 Resp: 91635

Ion Ratio Lower Upper

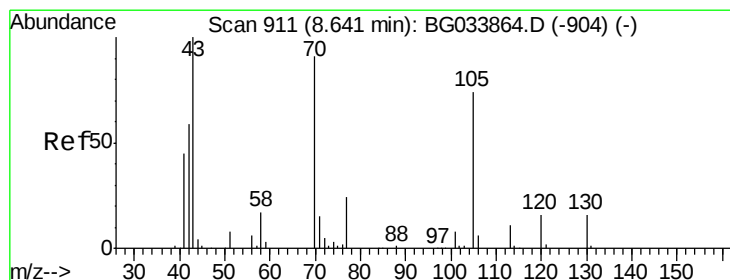
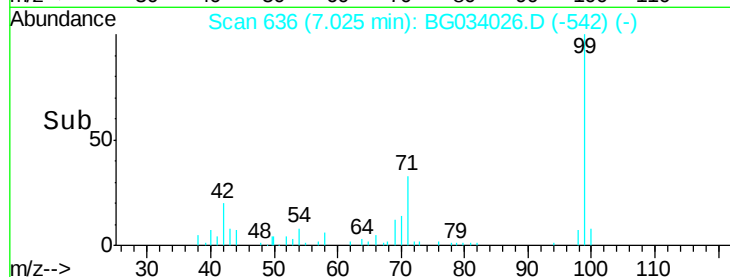
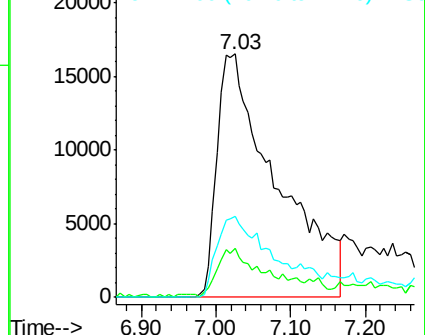
99 100

42 20.1 14.1 21.1

71 33.2 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: 12.493 ng

RT: 8.97 min Scan# 967

Delta R.T. 0.33 min

Lab File: BG034026.D

Acq: 27 Apr 2018 00:35

Tgt Ion: 70 Resp: 50610

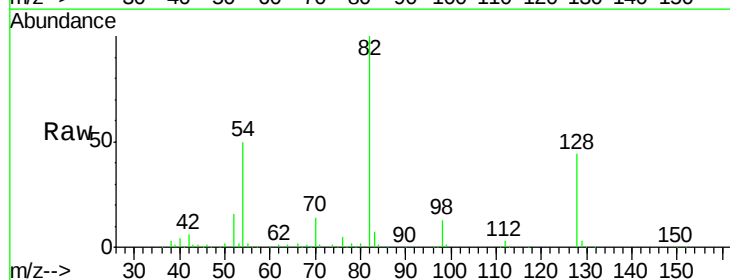
Ion Ratio Lower Upper

70 100

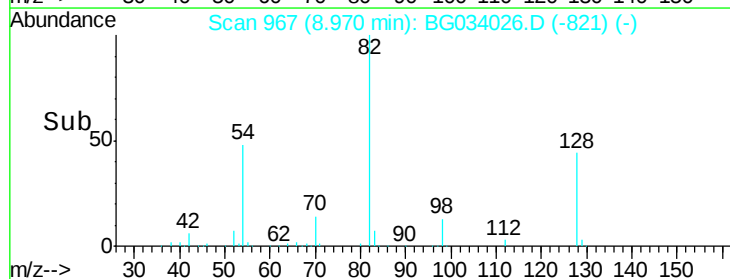
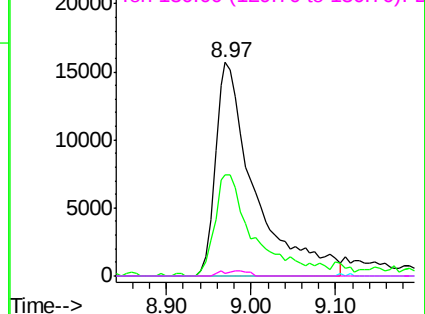
42 47.5 49.1 73.7#

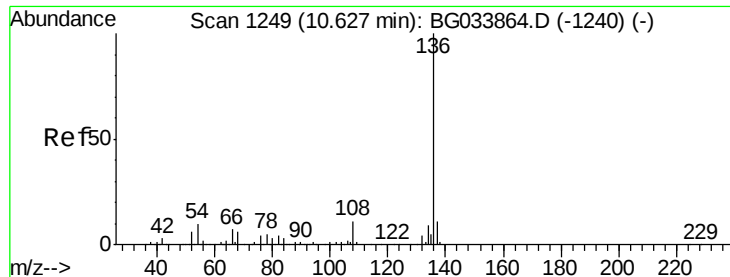
101 0.0 8.5 12.7#

130 1.4 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

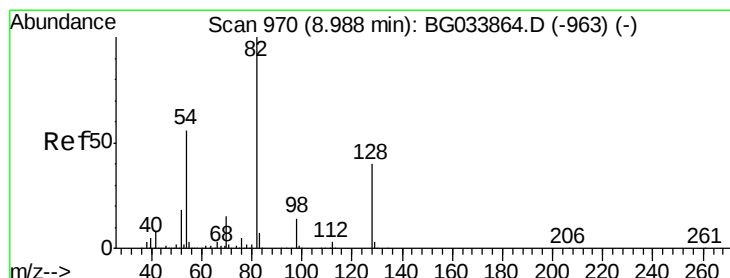
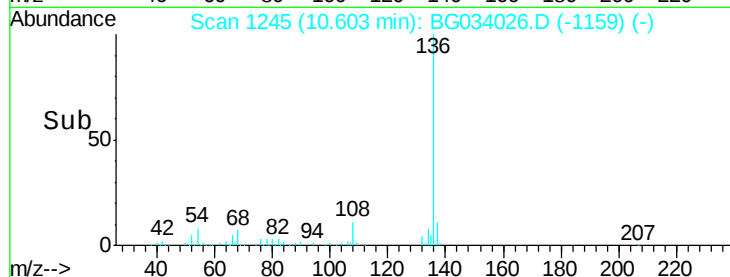
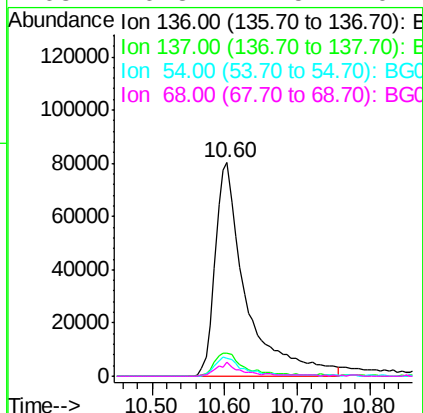
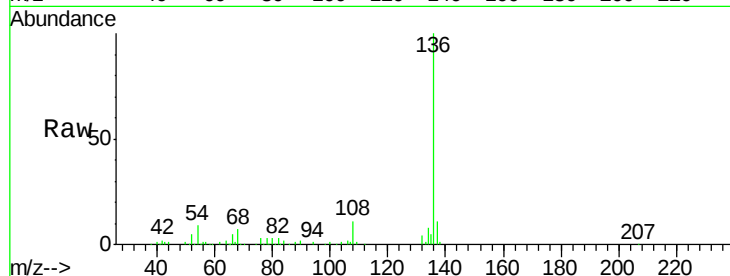




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BG034026.D
Acq: 27 Apr 2018 00:35

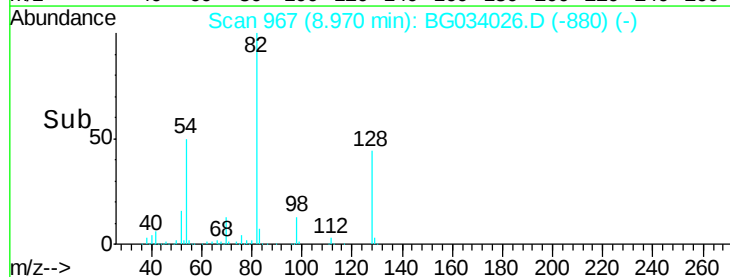
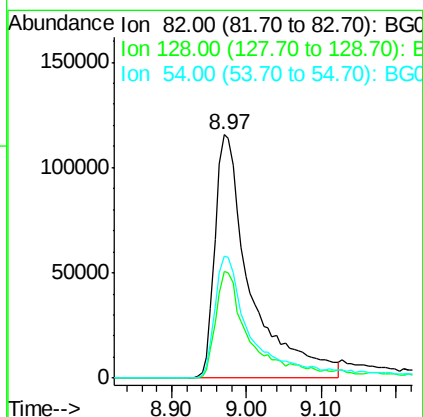
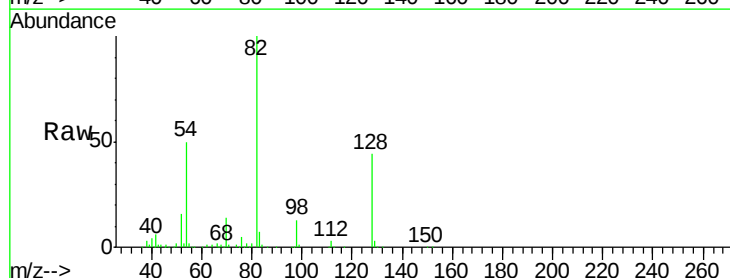
Instrument :
BNA_G
ClientSampleId :
042418-DBRI-E-U-B

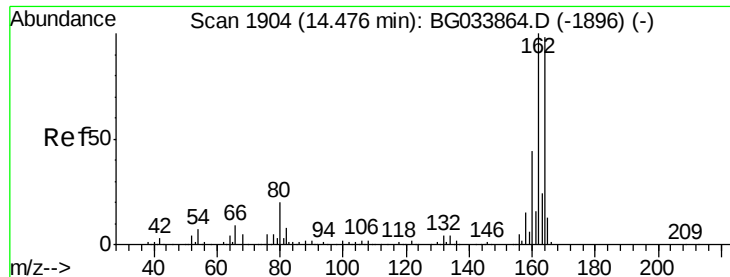
Tgt Ion:	136	Resp:	237247
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.6	10.3	15.5#
68	6.8	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 91.727 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG034026.D
Acq: 27 Apr 2018 00:35

Tgt Ion:	82	Resp:	382393
Ion	Ratio	Lower	Upper
82	100		
128	43.7	29.7	44.5
54	50.3	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BG034026.D

Acq: 27 Apr 2018 00:35

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-U-B

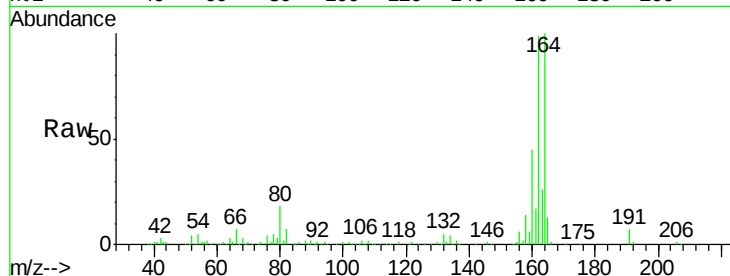
Tgt Ion:164 Resp: 188430

Ion Ratio Lower Upper

164 100

162 99.3 78.8 118.2

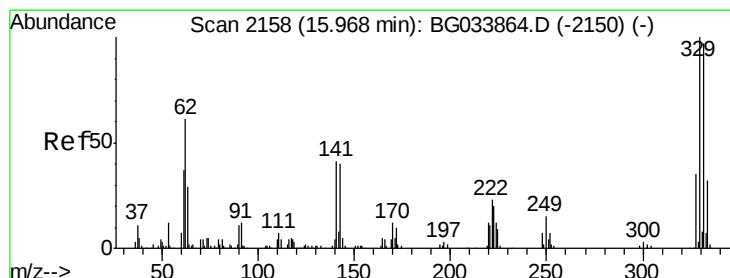
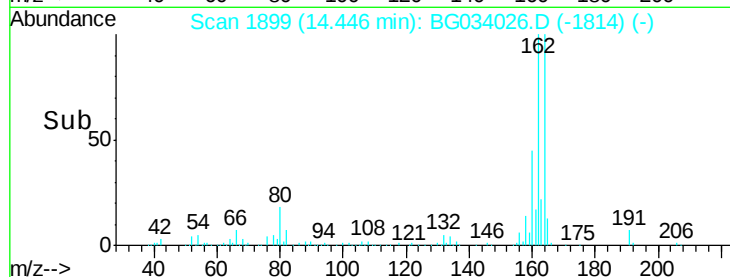
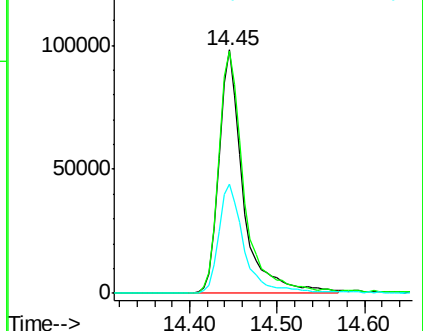
160 44.9 35.4 53.0



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: 112.074 ng

RT: 15.94 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BG034026.D

Acq: 27 Apr 2018 00:35

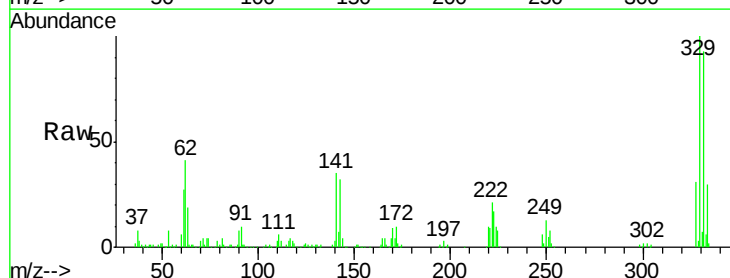
Tgt Ion:330 Resp: 246376

Ion Ratio Lower Upper

330 100

332 99.2 77.0 115.6

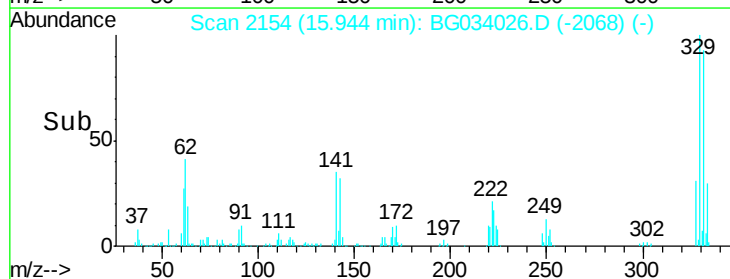
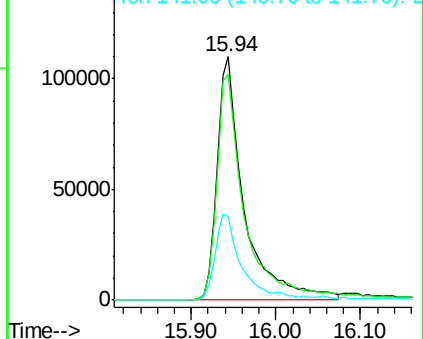
141 35.5 25.2 37.8

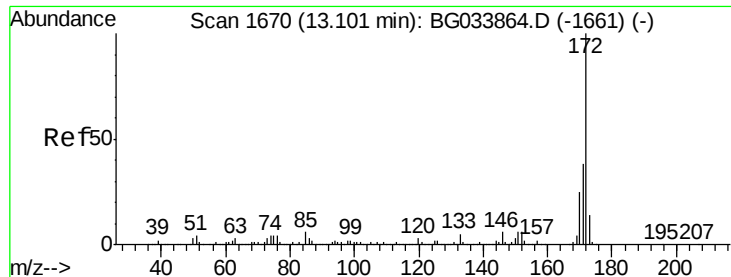


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

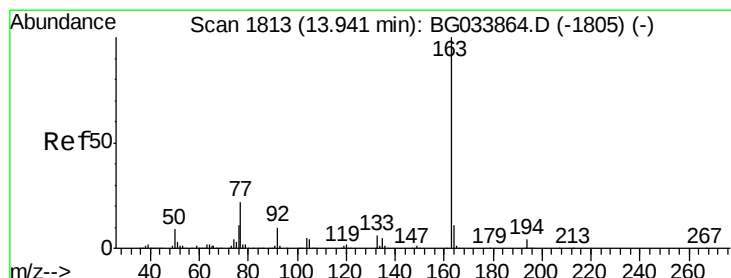
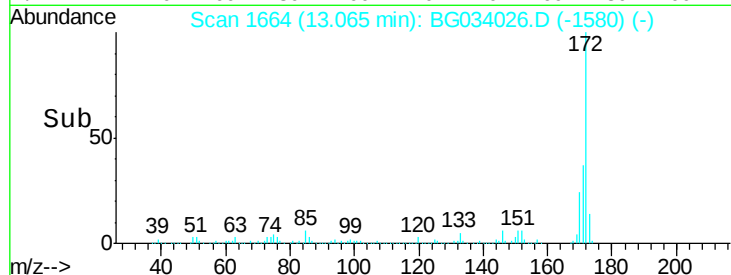
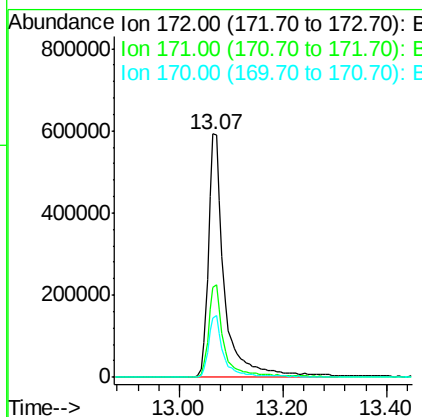
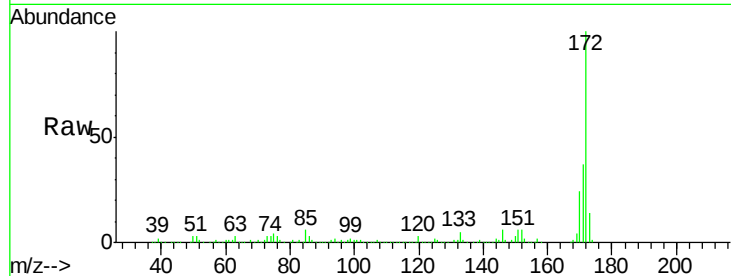




#44
 2-Fluorobiphenyl
 Concen: 101.330 ng
 RT: 13.07 min Scan# 1664
 Delta R.T. -0.04 min
 Lab File: BG034026.D
 Acq: 27 Apr 2018 00:35

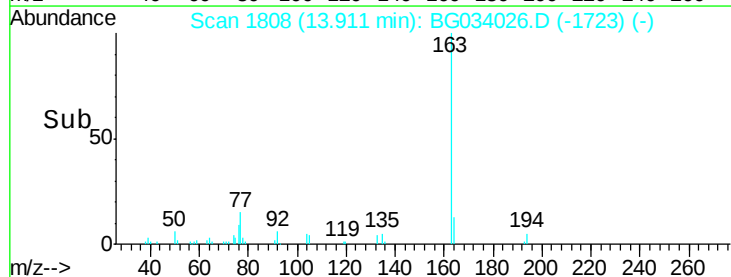
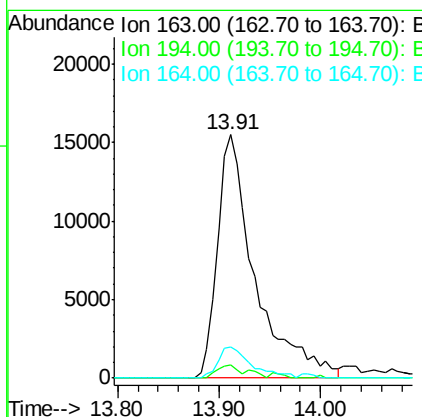
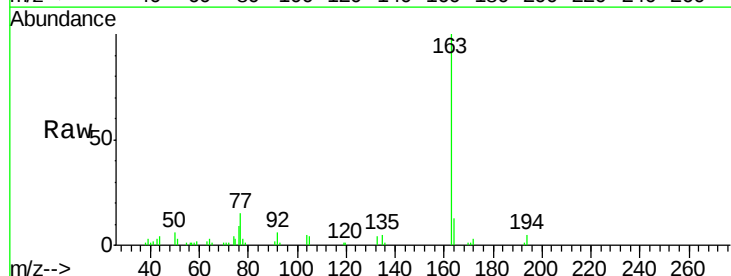
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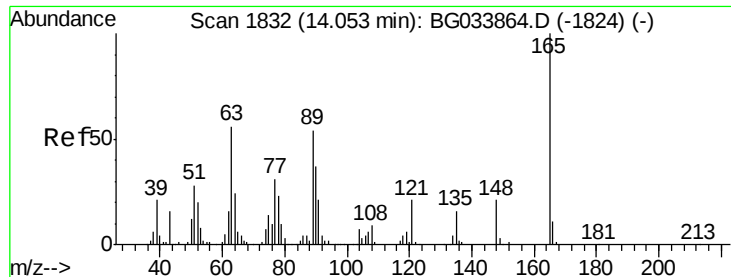
Tgt Ion:172 Resp: 1299750
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 24.4 19.5 29.3



#49
 Dimethylphthalate
 Concen: 2.404 ng
 RT: 13.91 min Scan# 1808
 Delta R.T. -0.03 min
 Lab File: BG034026.D
 Acq: 27 Apr 2018 00:35

Tgt Ion:163 Resp: 39841
 Ion Ratio Lower Upper
 163 100
 194 5.3 3.4 5.2#
 164 12.6 8.2 12.4#

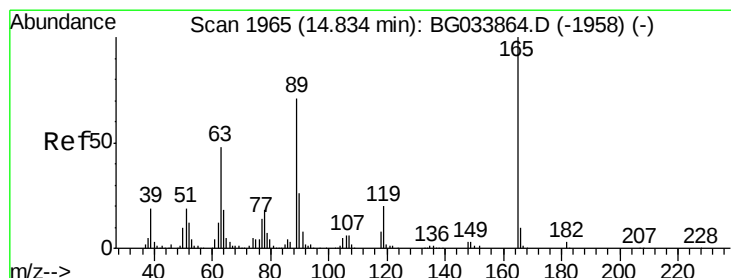
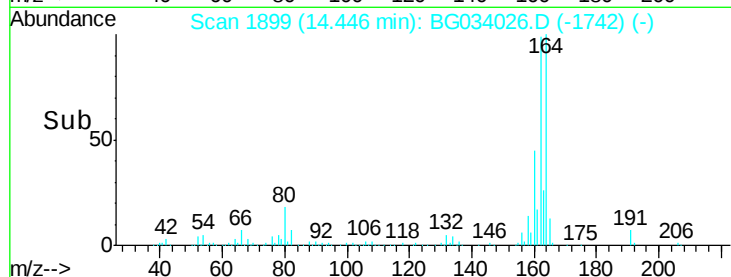
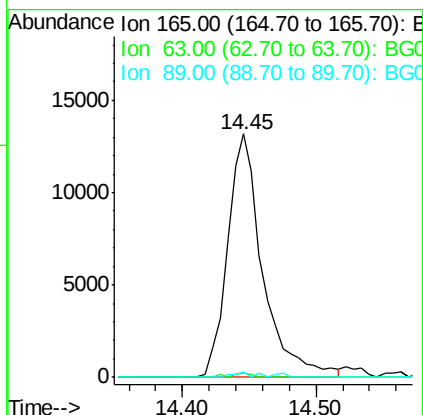
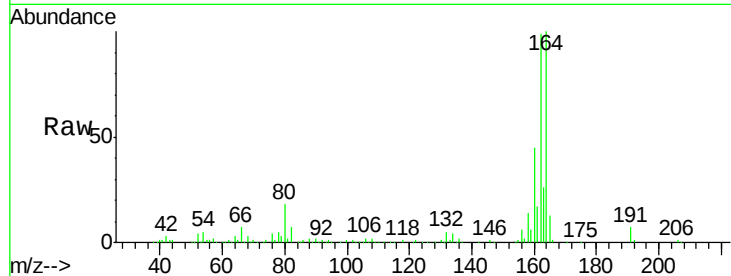




#50
 2,6-Dinitrotoluene
 Concen: 7.696 ng
 RT: 14.45 min Scan# 1899
 Delta R.T. 0.39 min
 Lab File: BG034026.D
 Acq: 27 Apr 2018 00:35

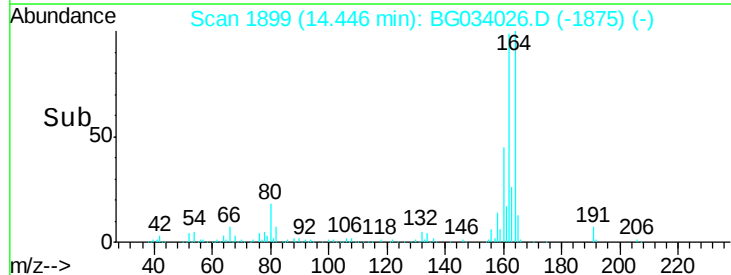
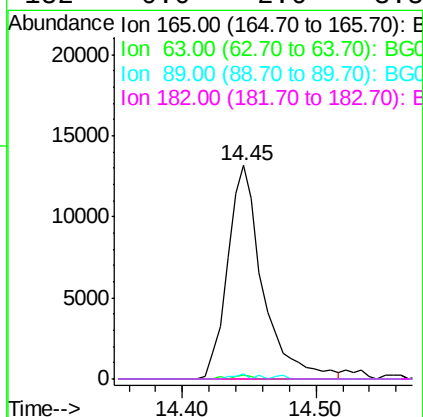
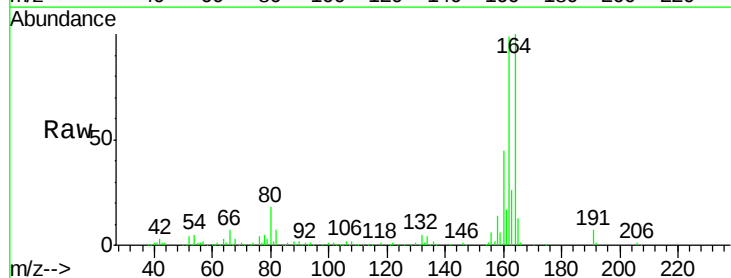
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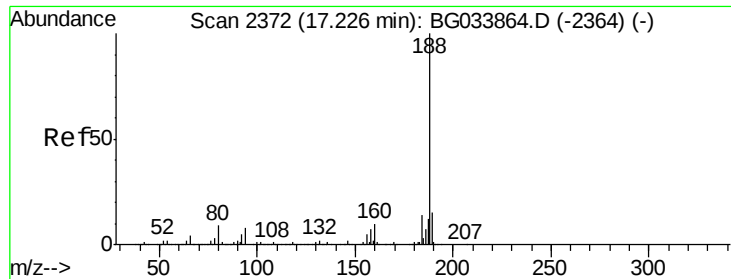
Tgt Ion:165 Resp: 24175
 Ion Ratio Lower Upper
 165 100
 63 2.0 52.7 79.1#
 89 2.1 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.788 ng
 RT: 14.45 min Scan# 1899
 Delta R.T. -0.39 min
 Lab File: BG034026.D
 Acq: 27 Apr 2018 00:35

Tgt Ion:165 Resp: 24175
 Ion Ratio Lower Upper
 165 100
 63 2.0 42.0 63.0#
 89 2.1 66.9 100.3#
 182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2368

Delta R.T. -0.02 min

Lab File: BG034026.D

Acq: 27 Apr 2018 00:35

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-U-B

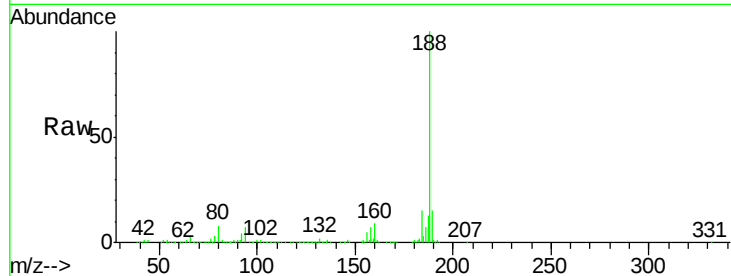
Tgt Ion:188 Resp: 545777

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

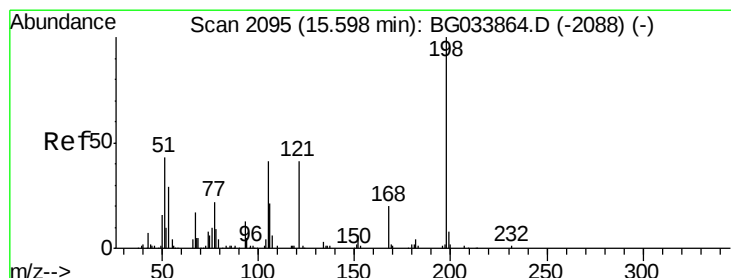
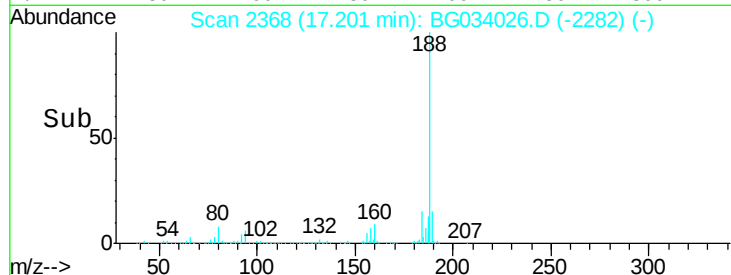
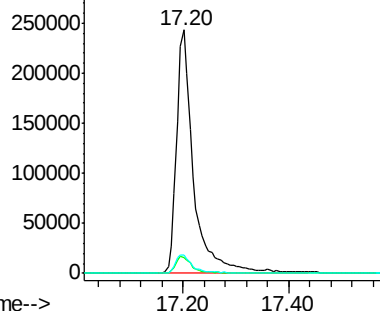
80 7.6 7.7 11.5#



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: 6.802 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.33 min

Lab File: BG034026.D

Acq: 27 Apr 2018 00:35

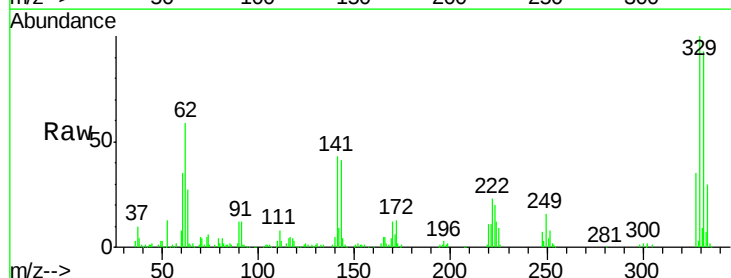
Tgt Ion:198 Resp: 950

Ion Ratio Lower Upper

198 100

51 26.8 30.6 70.6#

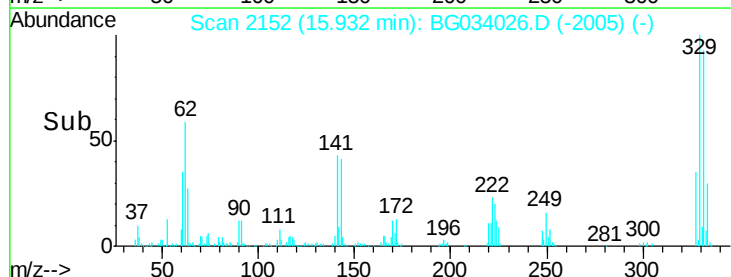
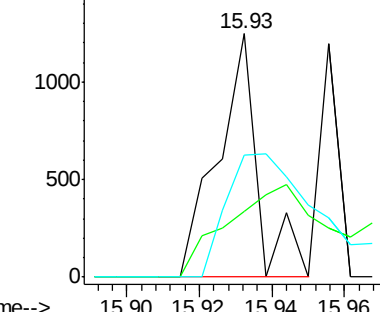
105 50.1 23.8 63.8

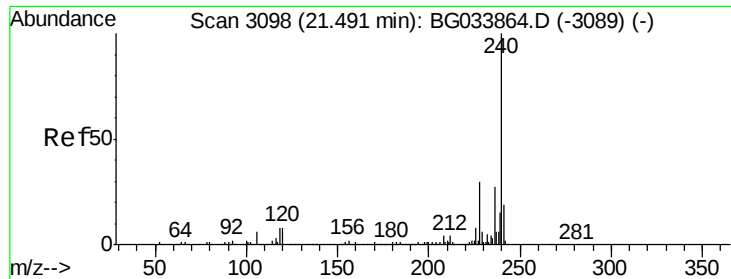


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

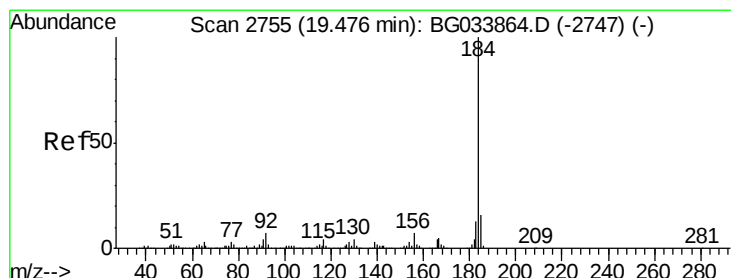
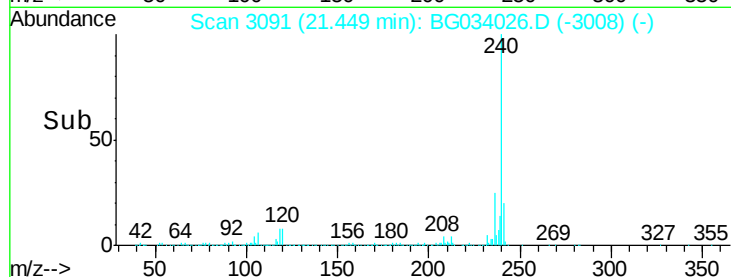
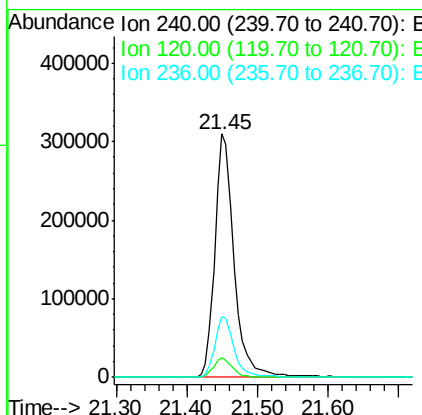
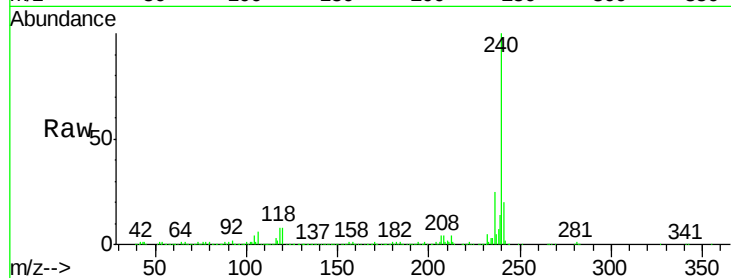




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.45 min Scan# 3091
Delta R.T. -0.04 min
Lab File: BG034026.D
Acq: 27 Apr 2018 00:35

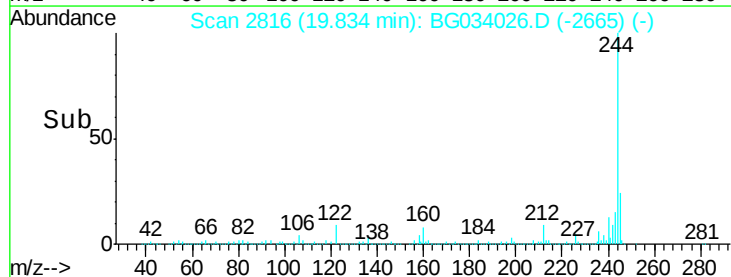
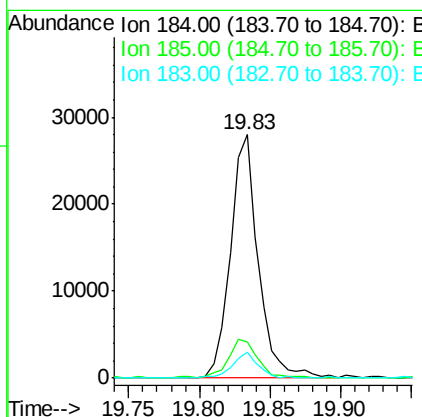
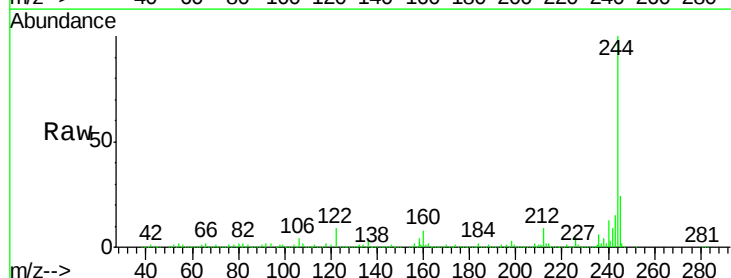
Instrument :
BNA_G
ClientSampleId :
042418-DBRI-E-U-B

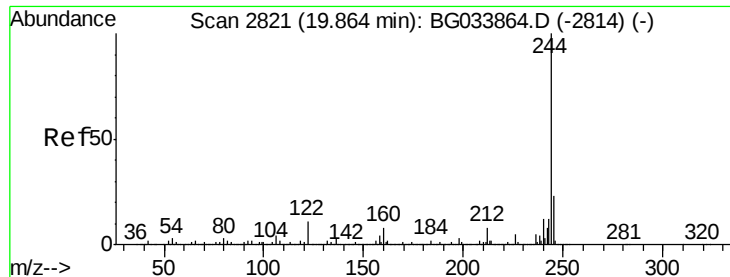
Tgt Ion:240 Resp: 587547
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 25.0 20.9 31.3



#76
Benzidine
Concen: 2.411 ng
RT: 19.83 min Scan# 2816
Delta R.T. 0.36 min
Lab File: BG034026.D
Acq: 27 Apr 2018 00:35

Tgt Ion:184 Resp: 38253
Ion Ratio Lower Upper
184 100
185 14.9 11.1 16.7
183 10.5 10.6 16.0#





#78

Terphenyl-d14

Concen: 94.493 ng

RT: 19.83 min Scan# 2816

Delta R.T. -0.03 min

Lab File: BG034026.D

Acq: 27 Apr 2018 00:35

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-U-B

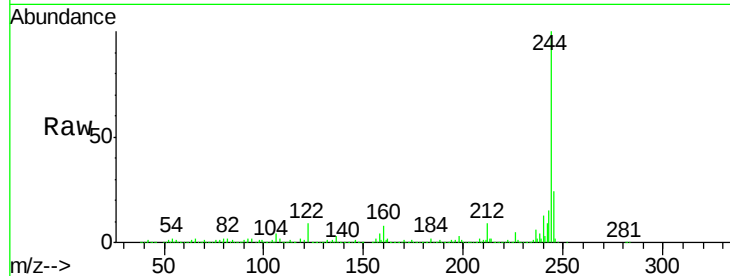
Tgt Ion:244 Resp: 2471226

Ion Ratio Lower Upper

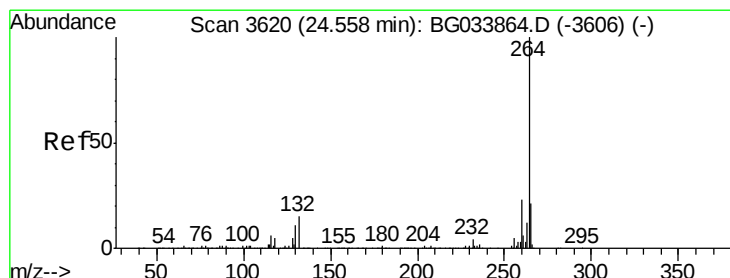
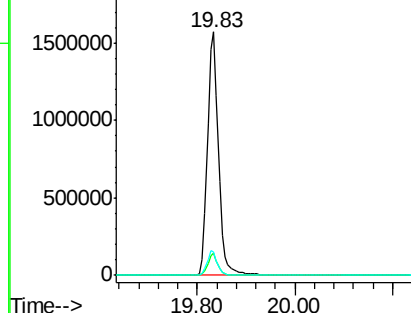
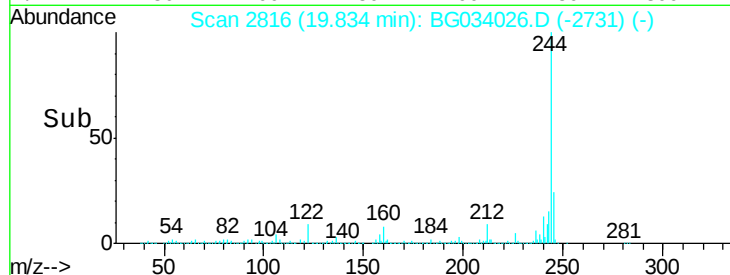
244 100

212 8.9 5.8 8.8#

122 9.4 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: 24.49 min Scan# 3609

Delta R.T. -0.07 min

Lab File: BG034026.D

Acq: 27 Apr 2018 00:35

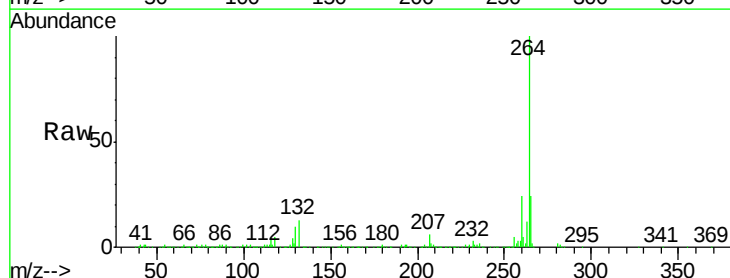
Tgt Ion:264 Resp: 590423

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 23.6 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

