

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042618\
 Data File : BG034024.D
 Acq On : 26 Apr 2018 23:19
 Operator : SJ/JU
 Sample : J2571-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 042418-DBRI-E-D-M

Quant Time: Apr 27 01:40:57 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

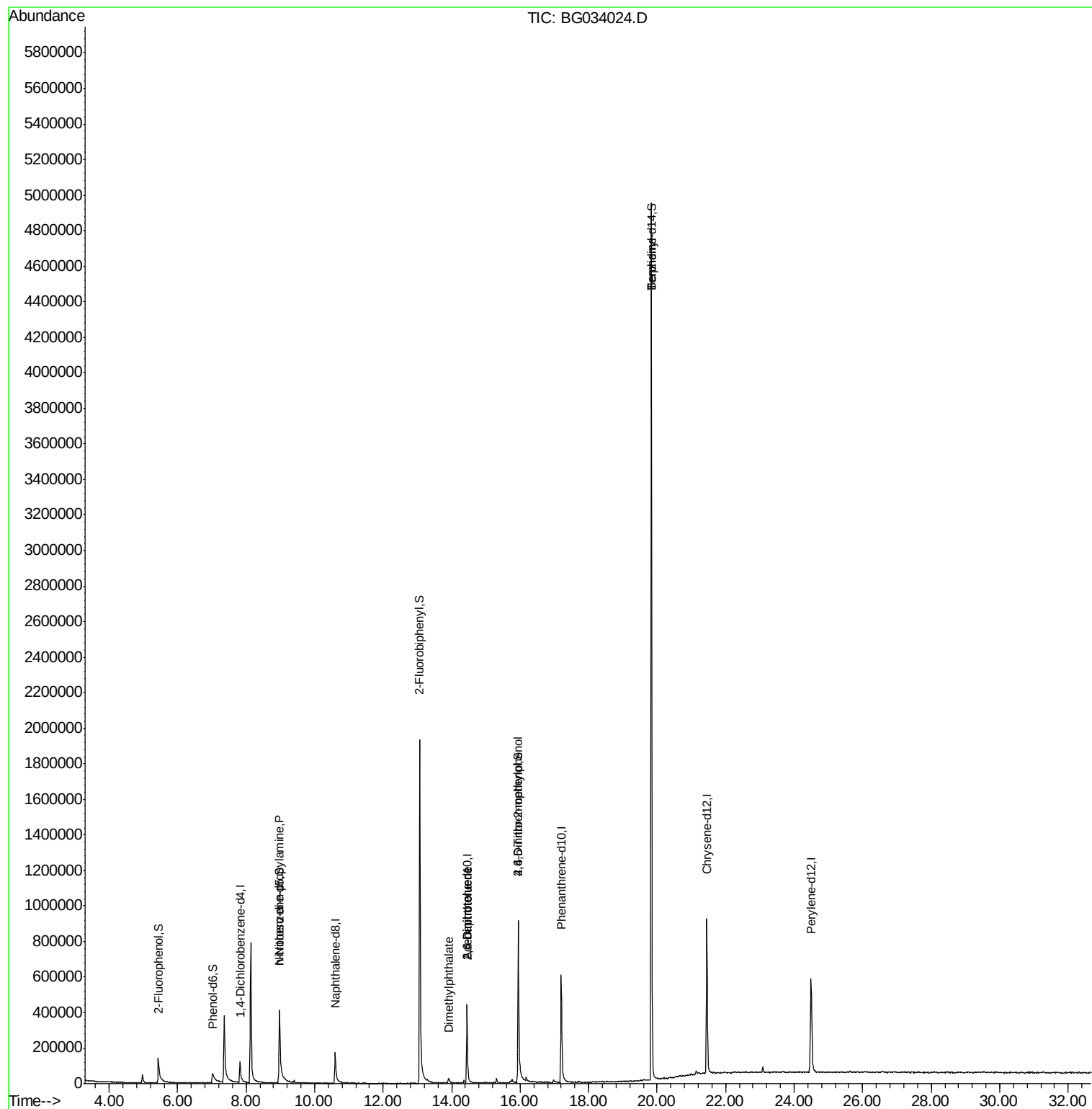
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	54562	20.00	ng	-0.02
21) Naphthalene-d8	10.60	136	257968	20.00	ng	-0.03
38) Acenaphthene-d10	14.45	164	194329	20.00	ng	-0.03
63) Phenanthrene-d10	17.20	188	559442	20.00	ng	-0.03
75) Chrysene-d12	21.45	240	604985	20.00	ng	-0.04
86) Perylene-d12	24.49	264	601455	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	136471	39.93	ng	0.00
7) Phenol-d6	7.03	99	100147	20.09	ng	0.02
23) Nitrobenzene-d5	8.97	82	436110	96.21	ng	-0.02
41) 2,4,6-Tribromophenol	15.95	330	273947	120.83	ng	-0.02
44) 2-Fluorobiphenyl	13.07	172	1394356	105.41	ng	-0.03
78) Terphenyl-d14	19.83	244	2561834	95.13	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.97	70	57365	13.501	ng	Qvalue # 78
49) Dimethylphthalate	13.91	163	35307	2.065	ng	# 99
50) 2,6-Dinitrotoluene	14.45	165	24817	7.661	ng	# 21
56) 2,4-Dinitrotoluene	14.45	165	24934	5.788	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.93	198	747	6.729	ng	# 77
76) Benzidine	19.83	184	40470	2.477	ng	# 93

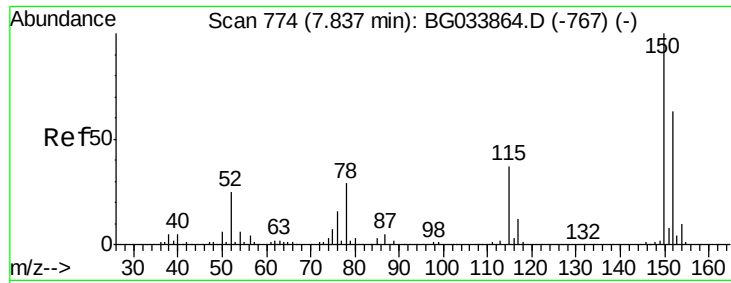
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042618\
Data File : BG034024.D
Acq On : 26 Apr 2018 23:19
Operator : SJ/JU
Sample : J2571-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
042418-DBRI-E-D-M

Quant Time: Apr 27 01:40:57 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



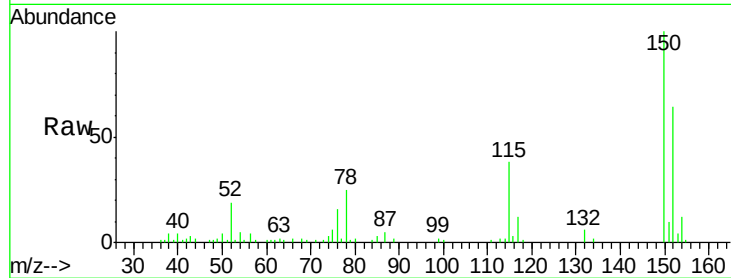


#1

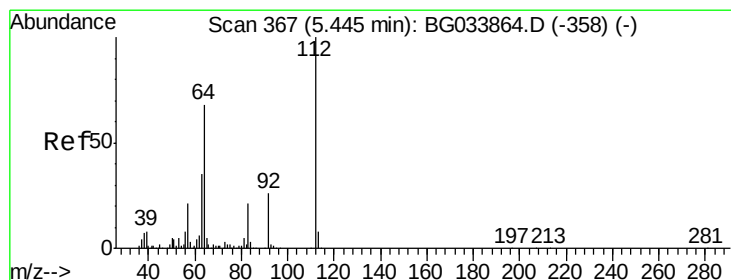
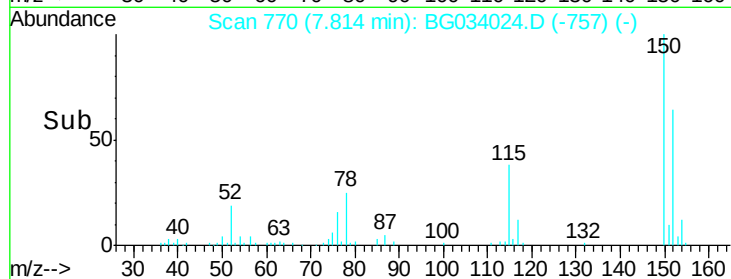
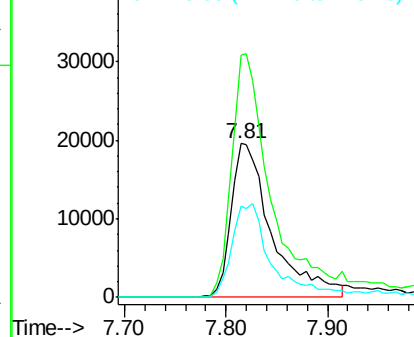
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.81 min Scan# 770
Delta R.T. -0.02 min
Lab File: BG034024.D
Acq: 26 Apr 2018 23:19

Instrument :
BNA_G
ClientSampleId :
042418-DBRI-E-D-M

Tgt Ion:152 Resp: 54562
Ion Ratio Lower Upper
152 100
150 157.2 126.6 189.8
115 59.6 53.0 79.4



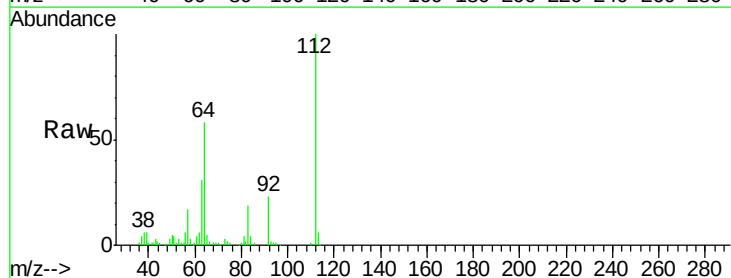
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



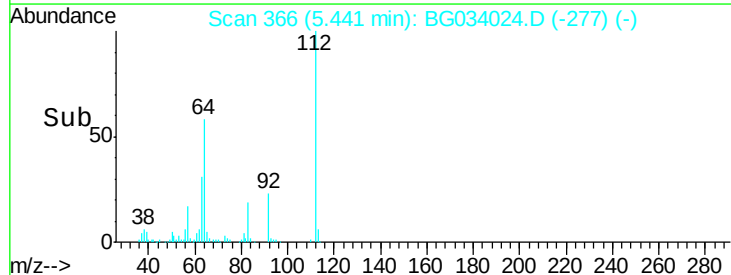
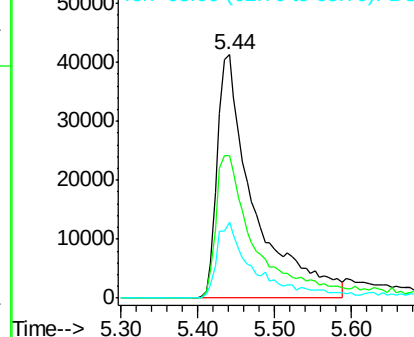
#5

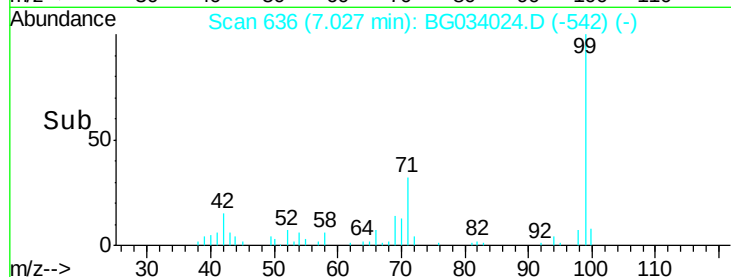
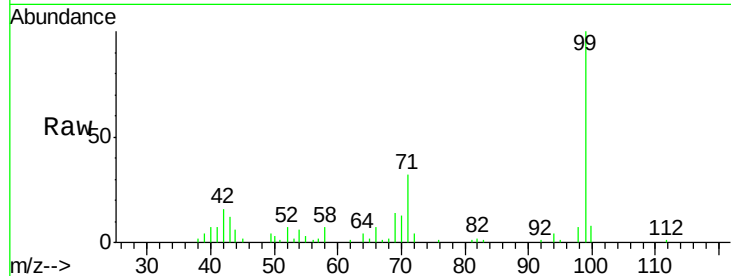
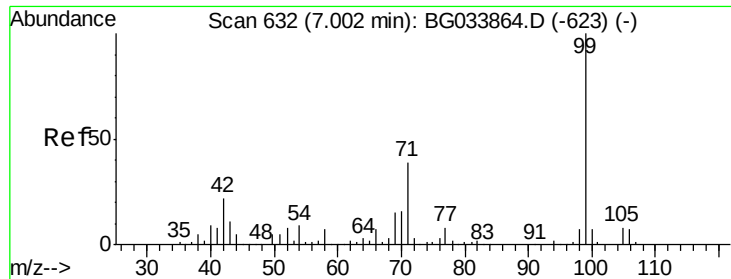
2-Fluorophenol
Concen: 39.933 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.00 min
Lab File: BG034024.D
Acq: 26 Apr 2018 23:19

Tgt Ion:112 Resp: 136471
Ion Ratio Lower Upper
112 100
64 58.3 56.3 84.5
63 31.3 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: 20.091 ng

RT: 7.03 min Scan# 636

Delta R.T. 0.02 min

Lab File: BG034024.D

Acq: 26 Apr 2018 23:19

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-D-M

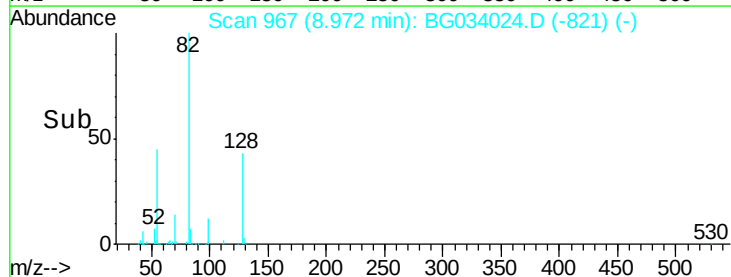
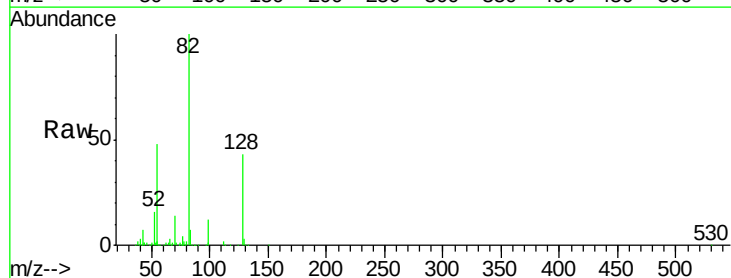
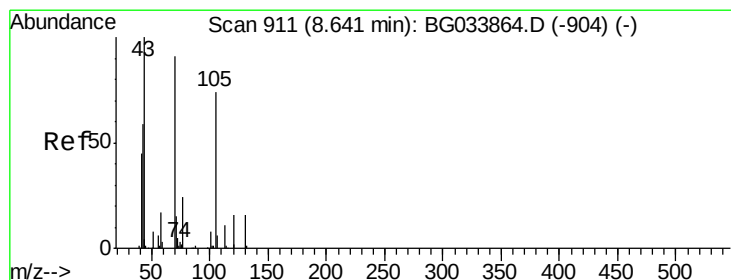
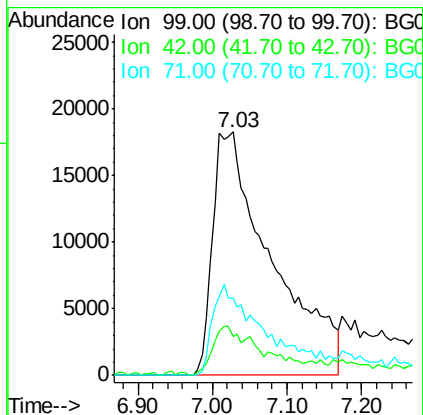
Tgt Ion: 99 Resp: 100147

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

71 32.0 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.501 ng

RT: 8.97 min Scan# 967

Delta R.T. 0.33 min

Lab File: BG034024.D

Acq: 26 Apr 2018 23:19

Tgt Ion: 70 Resp: 57365

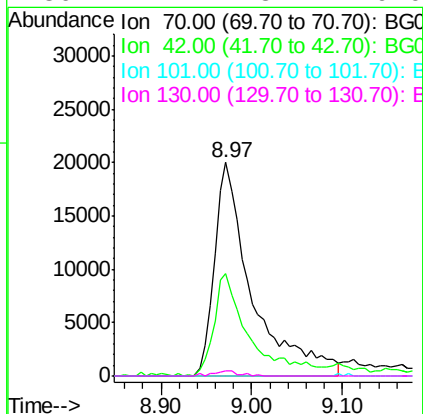
Ion Ratio Lower Upper

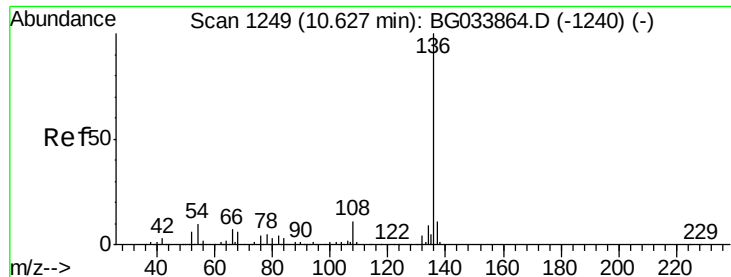
70 100

42 47.9 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#

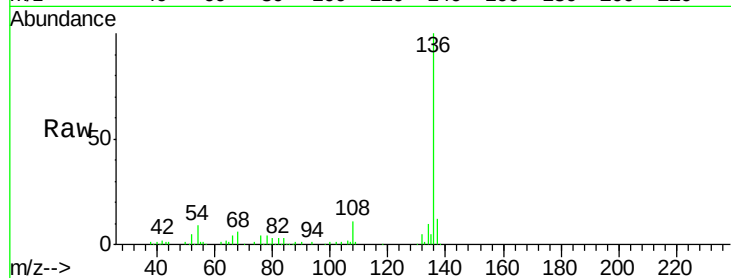




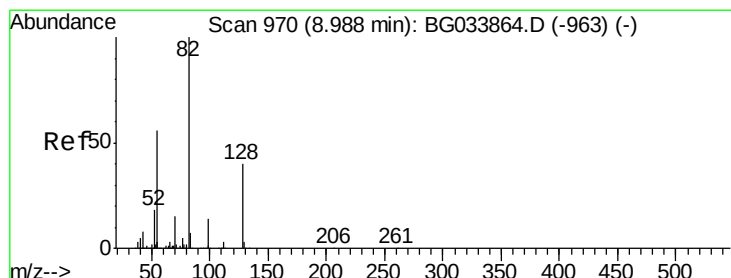
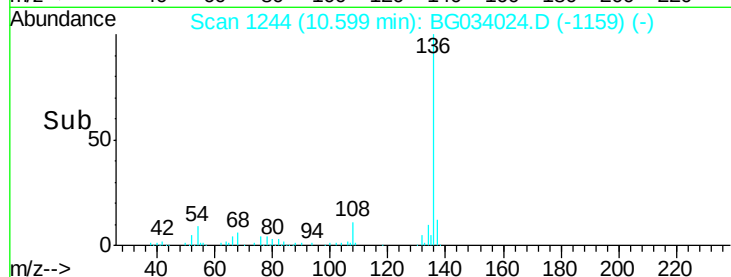
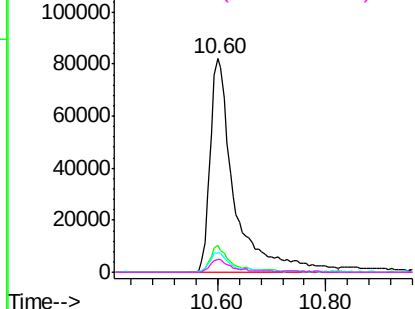
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BG034024.D
Acq: 26 Apr 2018 23:19

Instrument :
BNA_G
ClientSampleId :
042418-DBRI-E-D-M

Tgt Ion:	136	Resp:	257968
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	9.2	10.3	15.5
68	6.1	4.5	6.7

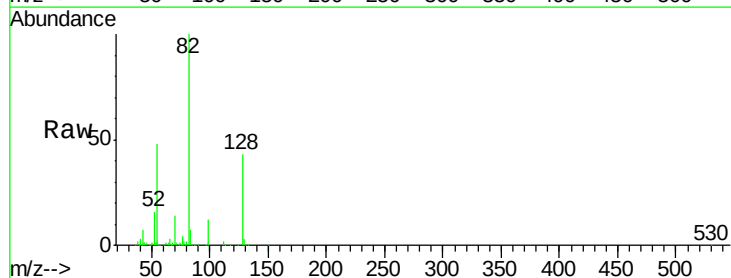


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

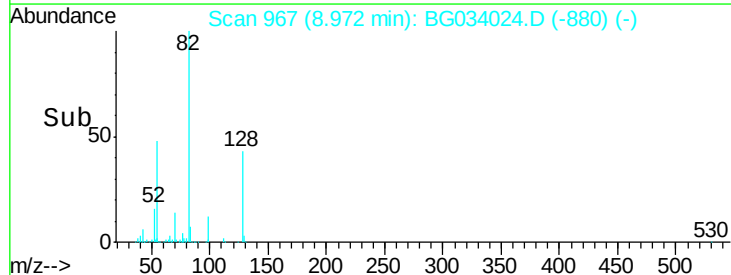
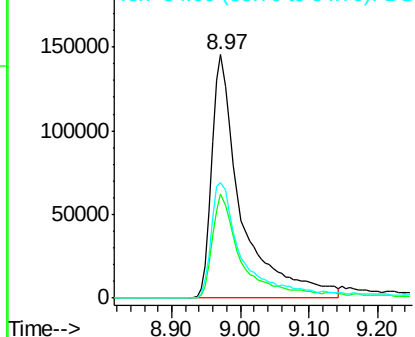


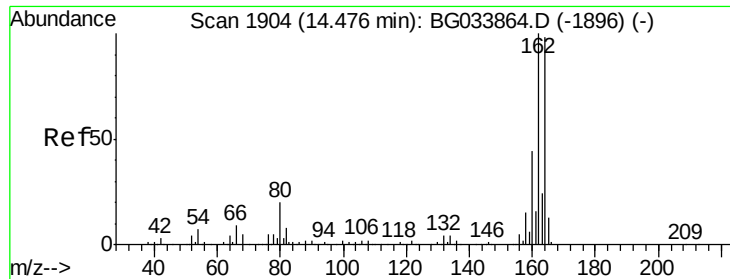
#23
Nitrobenzene-d5
Concen: 96.209 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG034024.D
Acq: 26 Apr 2018 23:19

Tgt Ion:	82	Resp:	436110
Ion	Ratio	Lower	Upper
82	100		
128	42.9	29.7	44.5
54	47.7	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BG034024.D

Acq: 26 Apr 2018 23:19

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-D-M

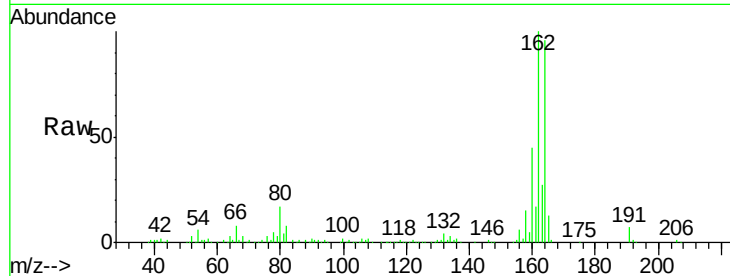
Tgt Ion:164 Resp: 194329

Ion Ratio Lower Upper

164 100

162 104.3 78.8 118.2

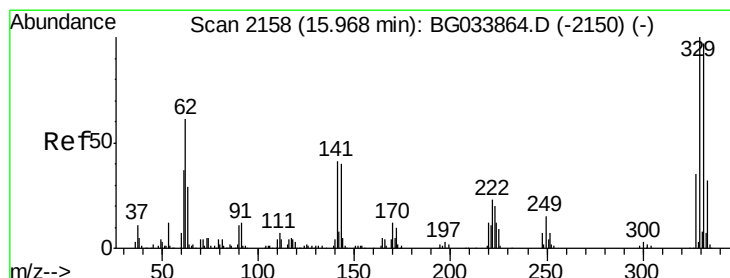
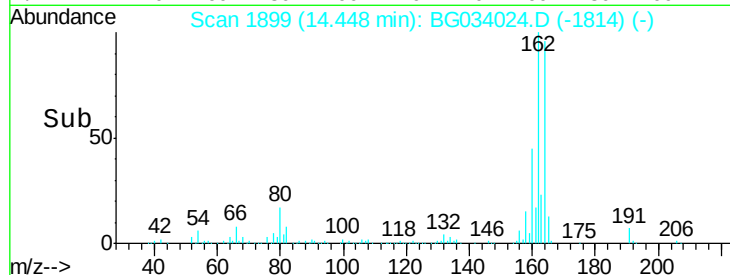
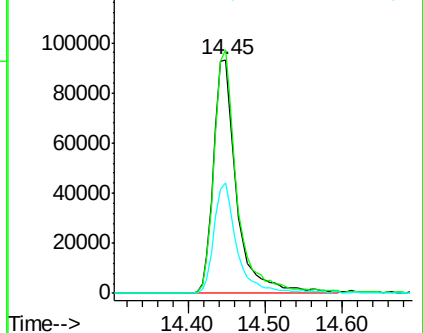
160 47.4 35.4 53.0



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: 120.833 ng

RT: 15.95 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BG034024.D

Acq: 26 Apr 2018 23:19

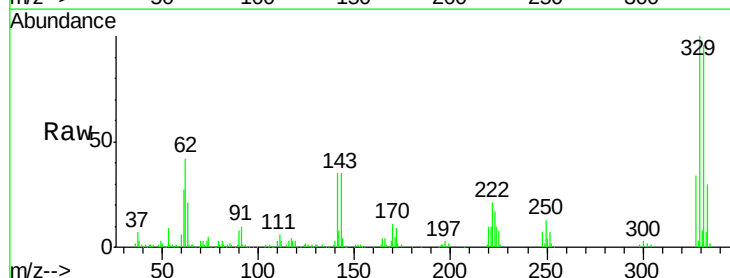
Tgt Ion:330 Resp: 273947

Ion Ratio Lower Upper

330 100

332 94.0 77.0 115.6

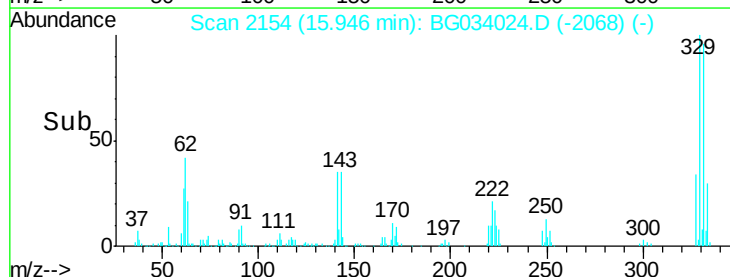
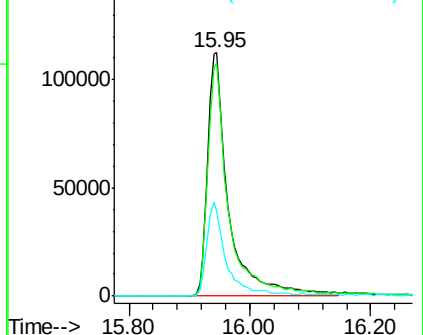
141 35.6 25.2 37.8

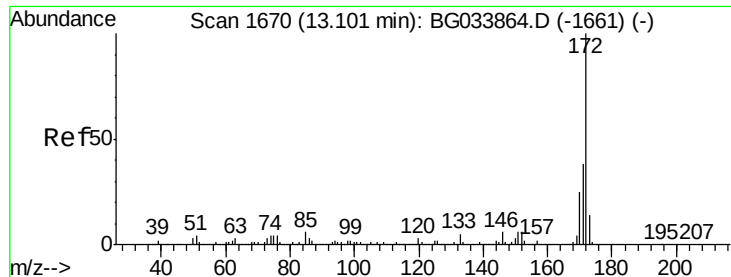


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

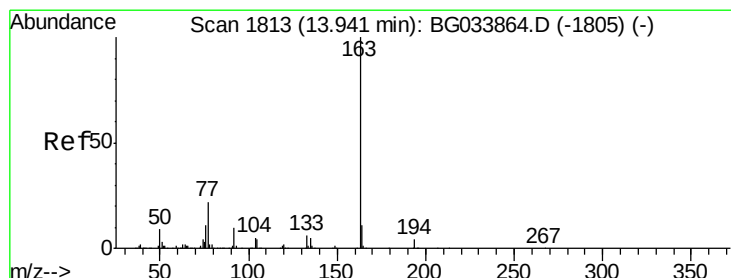
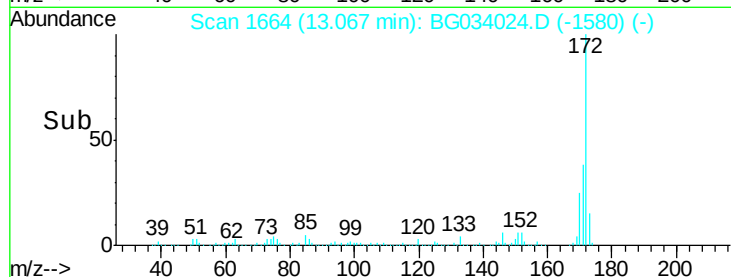
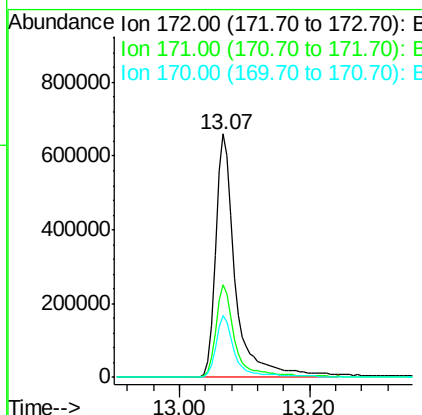
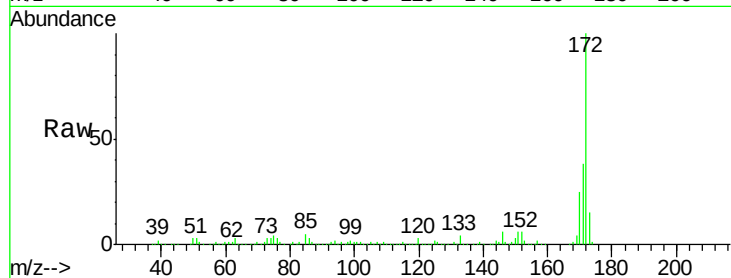




#44
2-Fluorobiphenyl
Concen: 105.406 ng
RT: 13.07 min Scan# 1664
Delta R.T. -0.03 min
Lab File: BG034024.D
Acq: 26 Apr 2018 23:19

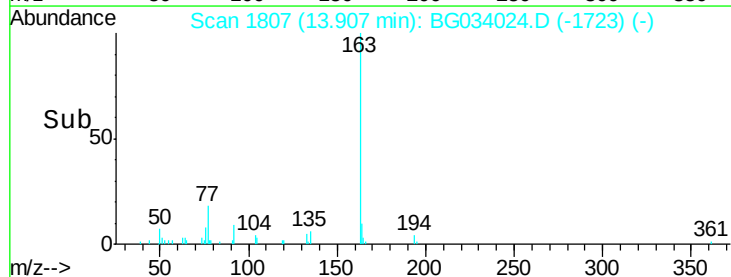
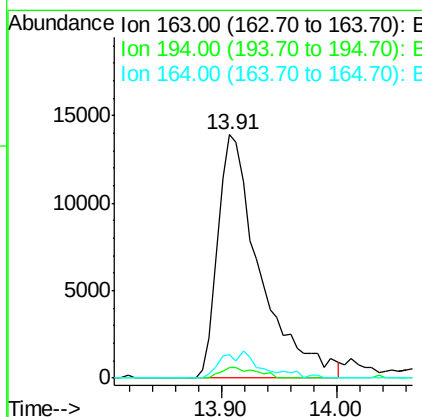
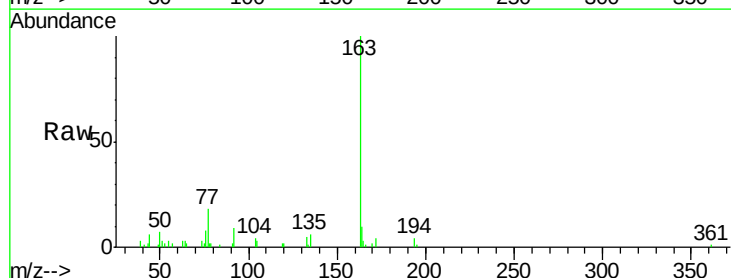
Instrument :
BNA_G
ClientSampleId :
042418-DBRI-E-D-M

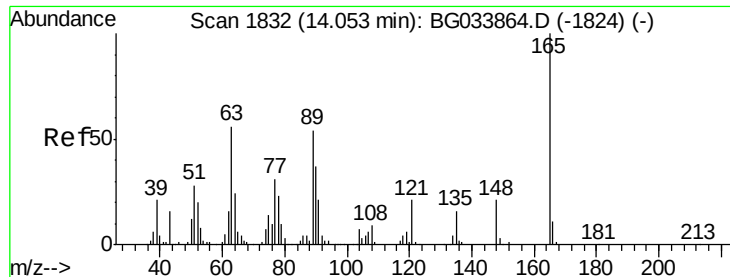
Tgt Ion:172 Resp: 1394356
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 25.3 19.5 29.3



#49
Dimethylphthalate
Concen: 2.065 ng
RT: 13.91 min Scan# 1807
Delta R.T. -0.03 min
Lab File: BG034024.D
Acq: 26 Apr 2018 23:19

Tgt Ion:163 Resp: 35307
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.8 8.2 12.4

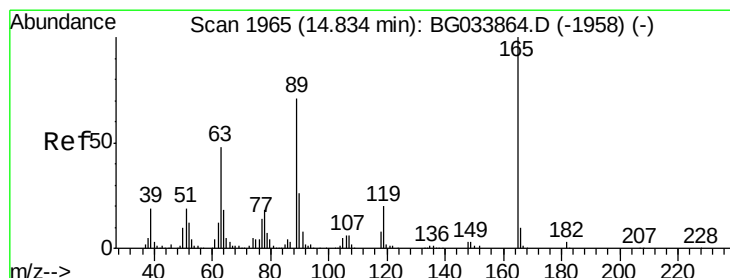
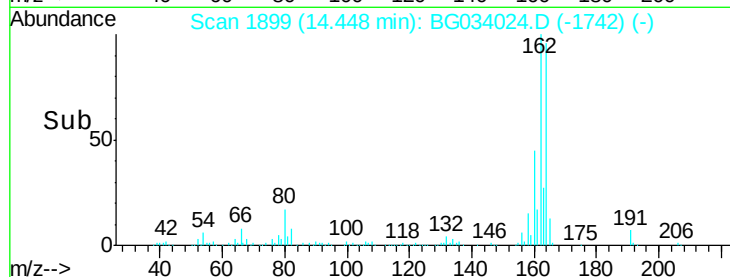
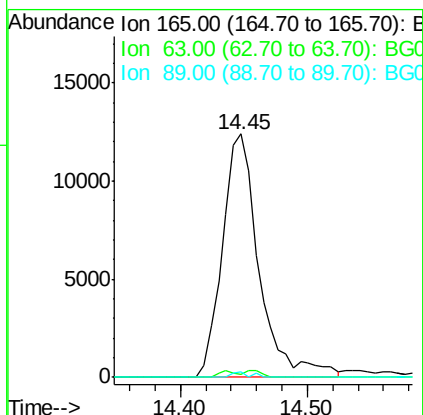
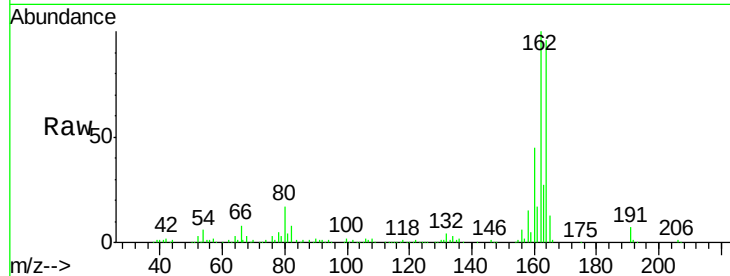




#50
 2,6-Dinitrotoluene
 Concen: 7.661 ng
 RT: 14.45 min Scan# 1899
 Delta R.T. 0.39 min
 Lab File: BG034024.D
 Acq: 26 Apr 2018 23:19

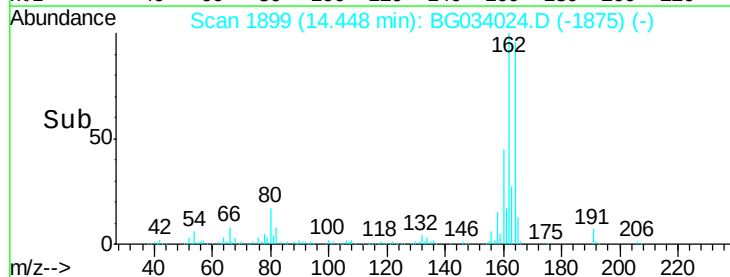
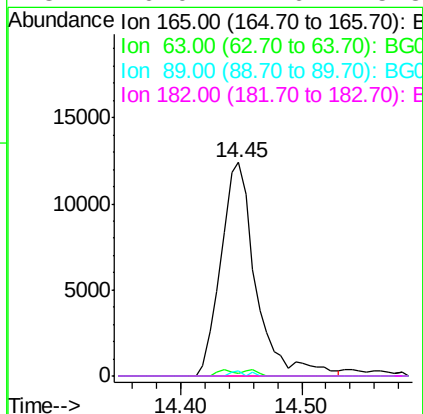
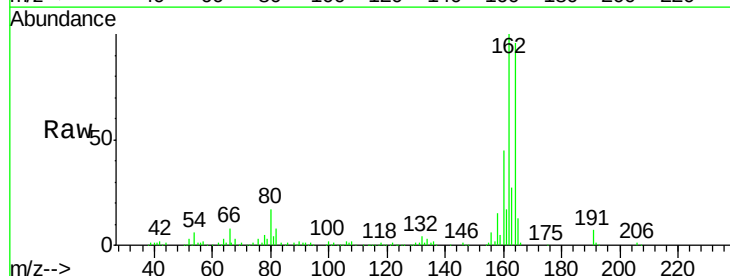
Instrument :
 BNA_G
 ClientSampleId :
 042418-DBRI-E-D-M

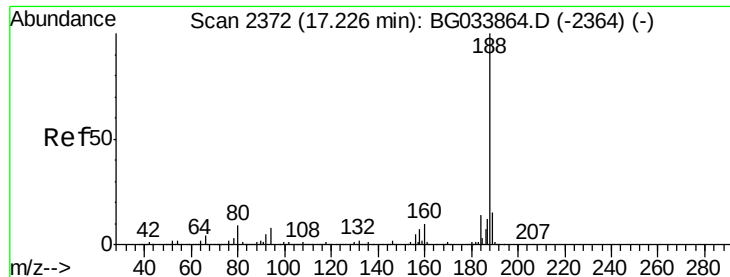
Tgt Ion:165 Resp: 24817
 Ion Ratio Lower Upper
 165 100
 63 1.2 52.7 79.1#
 89 2.3 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.788 ng
 RT: 14.45 min Scan# 1899
 Delta R.T. -0.39 min
 Lab File: BG034024.D
 Acq: 26 Apr 2018 23:19

Tgt Ion:165 Resp: 24934
 Ion Ratio Lower Upper
 165 100
 63 1.2 42.0 63.0#
 89 2.3 66.9 100.3#
 182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2367

Delta R.T. -0.03 min

Lab File: BG034024.D

Acq: 26 Apr 2018 23:19

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-D-M

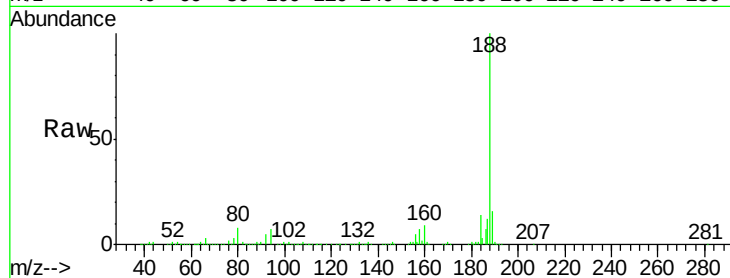
Tgt Ion:188 Resp: 559442

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

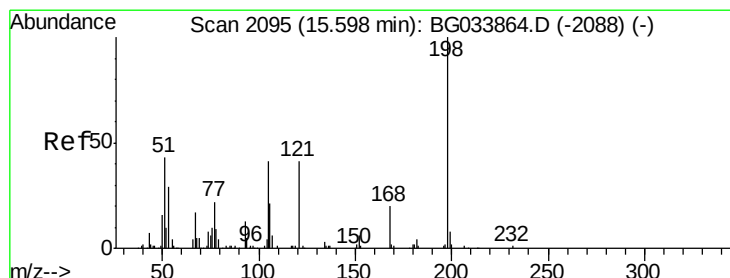
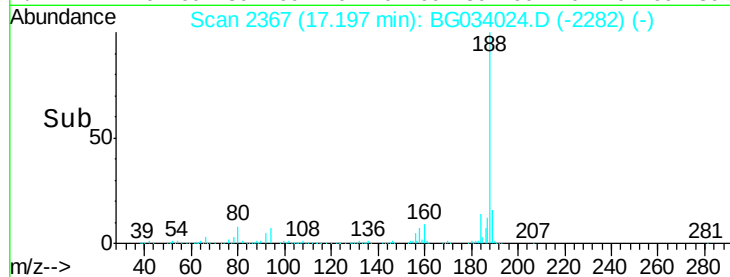
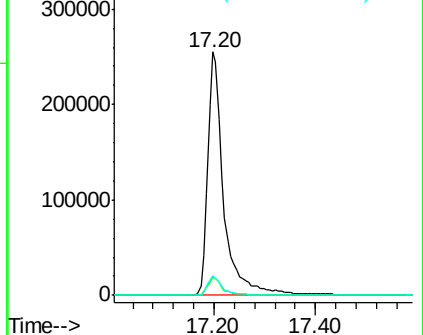
80 8.2 7.7 11.5



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: 6.729 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.34 min

Lab File: BG034024.D

Acq: 26 Apr 2018 23:19

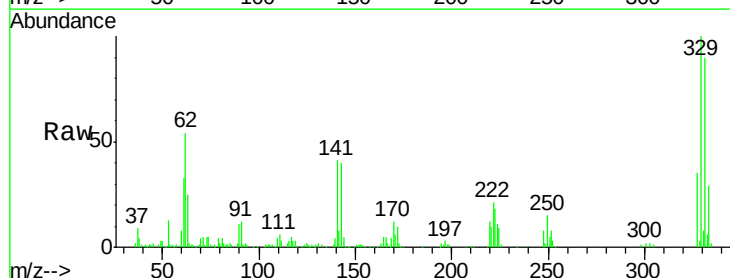
Tgt Ion:198 Resp: 747

Ion Ratio Lower Upper

198 100

51 29.7 30.6 70.6#

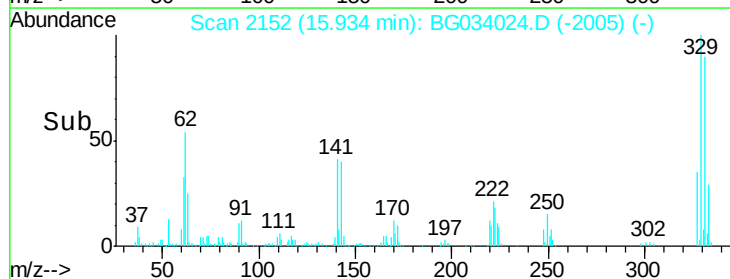
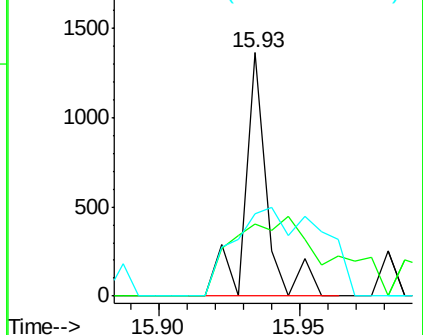
105 33.7 23.8 63.8

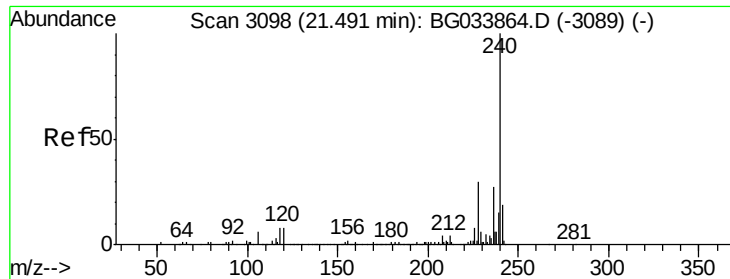


Abundance Ion 198.00 (197.70 to 198.70): E

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: BG034024.D

Acq: 26 Apr 2018 23:19

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-D-M

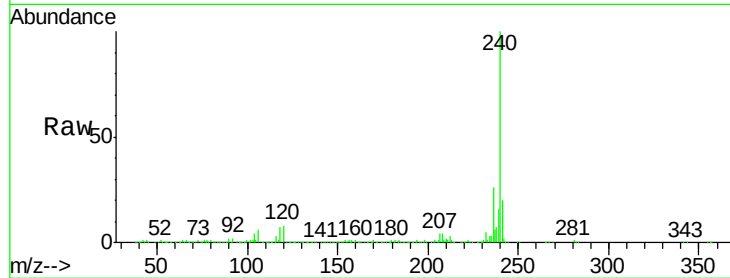
Tgt Ion:240 Resp: 604985

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

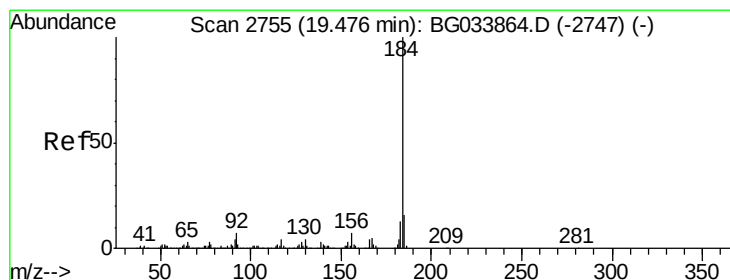
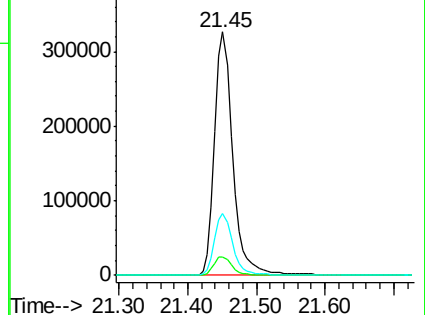
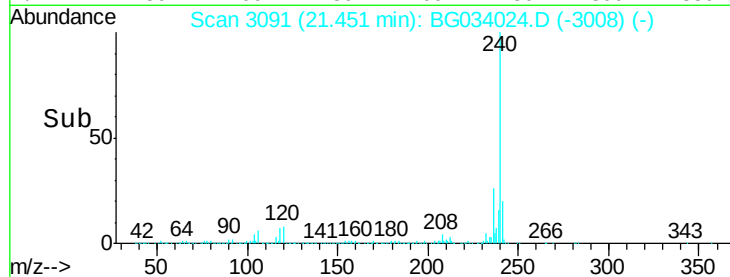
236 25.5 20.9 31.3



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: 2.477 ng

RT: 19.83 min Scan# 2815

Delta R.T. 0.35 min

Lab File: BG034024.D

Acq: 26 Apr 2018 23:19

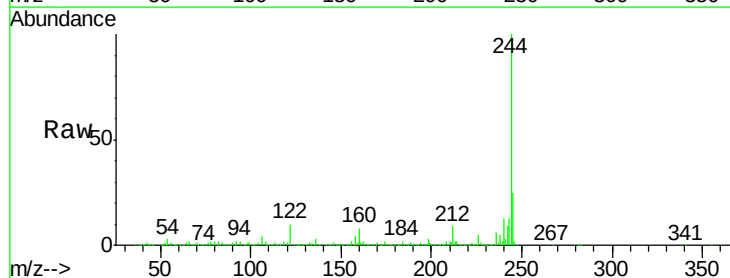
Tgt Ion:184 Resp: 40470

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

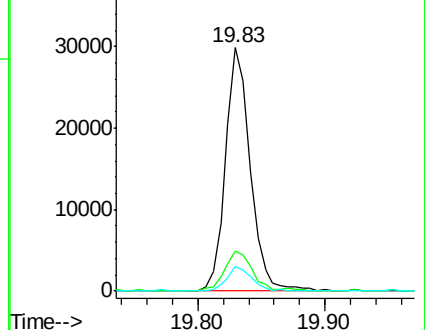
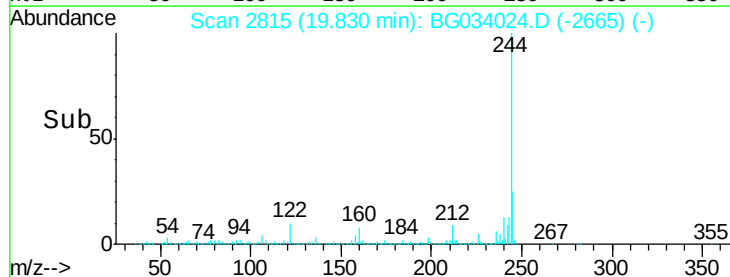
183 10.3 10.6 16.0#

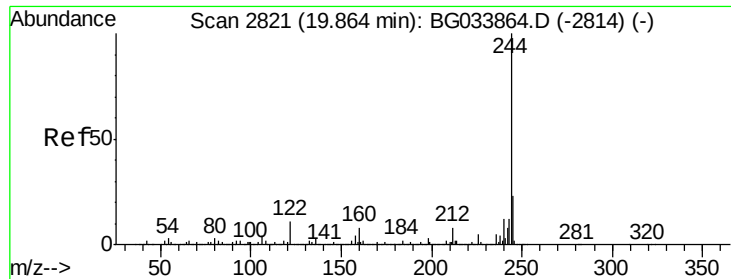


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 95.134 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.03 min

Lab File: BG034024.D

Acq: 26 Apr 2018 23:19

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-D-M

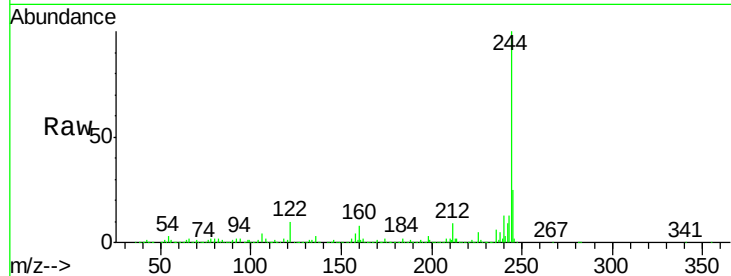
Tgt Ion:244 Resp: 2561834

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

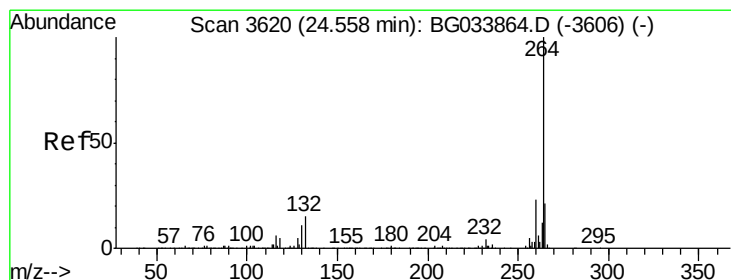
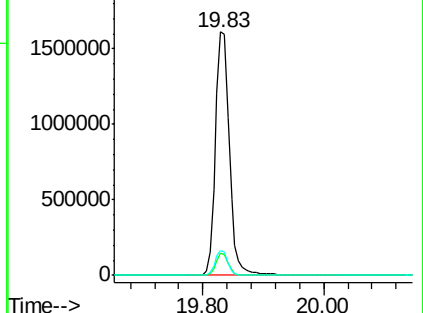
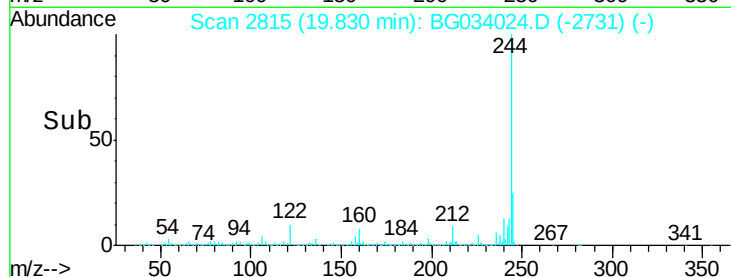
122 10.4 7.0 10.4



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. -0.06 min

Lab File: BG034024.D

Acq: 26 Apr 2018 23:19

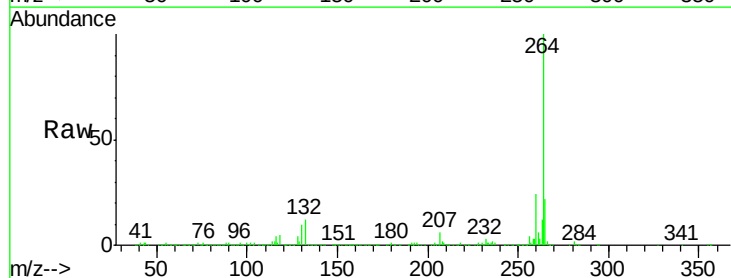
Tgt Ion:264 Resp: 601455

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

