

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042618\
 Data File : BG034025.D
 Acq On : 26 Apr 2018 23:57
 Operator : SJ/JU
 Sample : J2571-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 27 01:42:18 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

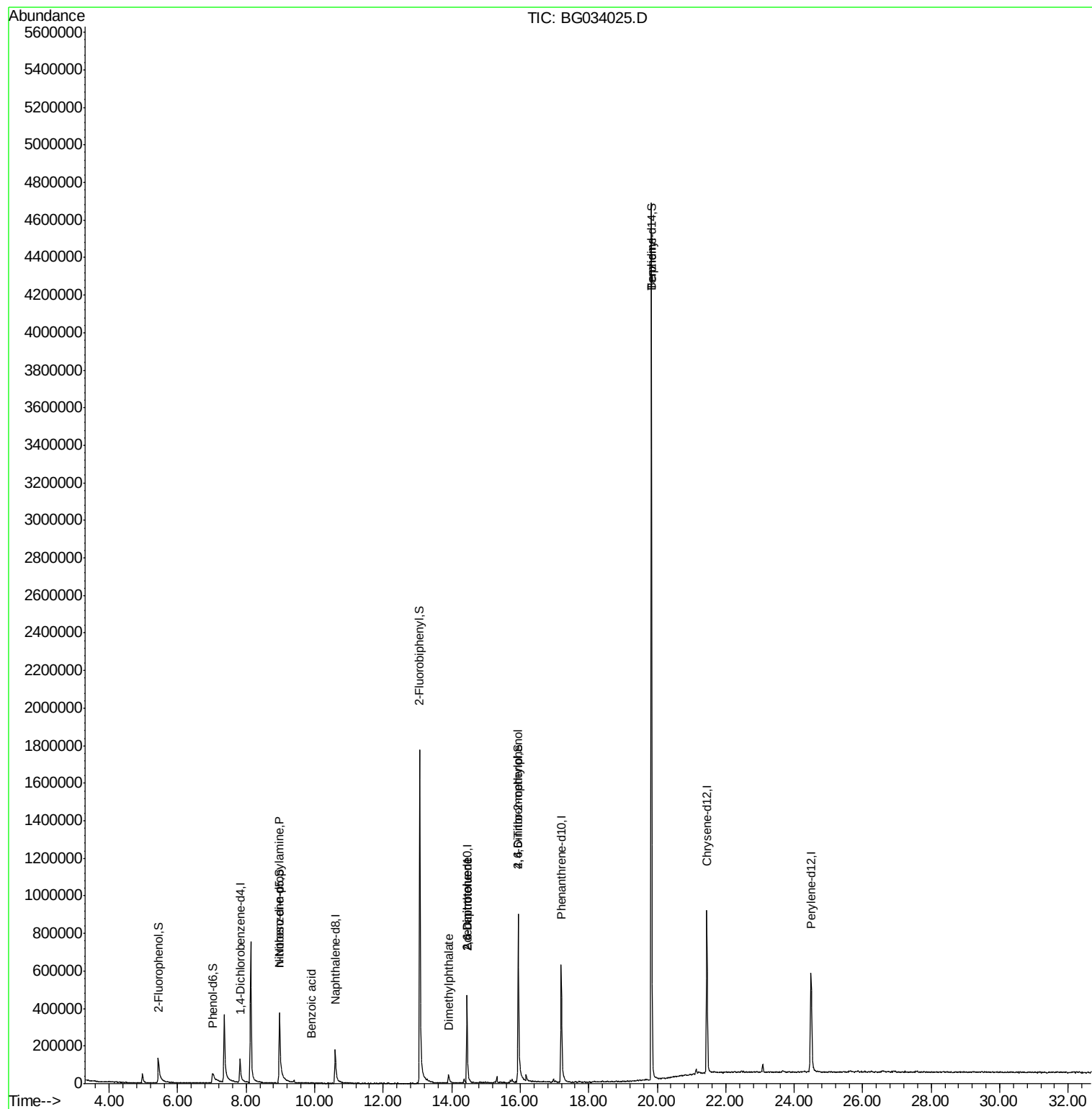
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	54695	20.00	ng	-0.02
21) Naphthalene-d8	10.60	136	259329	20.00	ng	-0.03
38) Acenaphthene-d10	14.45	164	204330	20.00	ng	-0.03
63) Phenanthrene-d10	17.20	188	578721	20.00	ng	-0.03
75) Chrysene-d12	21.45	240	620950	20.00	ng	-0.04
86) Perylene-d12	24.49	264	622249	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	127973	37.35	ng	-0.01
7) Phenol-d6	7.02	99	91325	18.28	ng	0.02
23) Nitrobenzene-d5	8.97	82	418766	91.90	ng	-0.02
41) 2,4,6-Tribromophenol	15.94	330	260645	109.34	ng	-0.03
44) 2-Fluorobiphenyl	13.07	172	1350120	97.07	ng	-0.03
78) Terphenyl-d14	19.83	244	2495292	90.28	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.03	77	58	Below Cal		Qvalue # 5
19) n-Nitroso-di-n-propylamine	8.97	70	52147	12.243	ng	# 77
32) Benzoic acid	9.91	122	61	5.099	ng	# 1
49) Dimethylphthalate	13.91	163	52175	2.903	ng	# 99
50) 2,6-Dinitrotoluene	14.44	165	25998	7.632	ng	# 21
56) 2,4-Dinitrotoluene	14.44	165	26575	5.867	ng	# 19
64) 4,6-Dinitro-2-methylphenol	15.93	198	218	6.557	ng	# 77
76) Benzydine	19.83	184	38296	2.284	ng	# 92

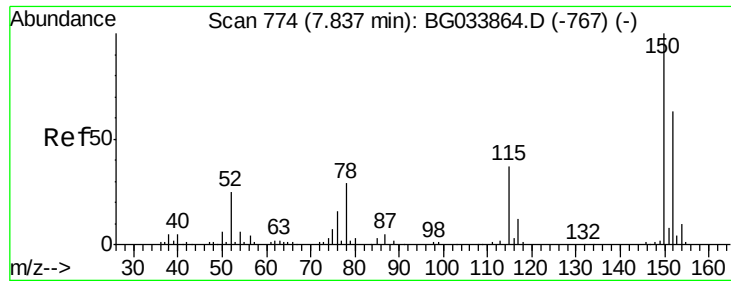
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042618\
Data File : BG034025.D
Acq On : 26 Apr 2018 23:57
Operator : SJ/JU
Sample : J2571-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 27 01:42:18 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



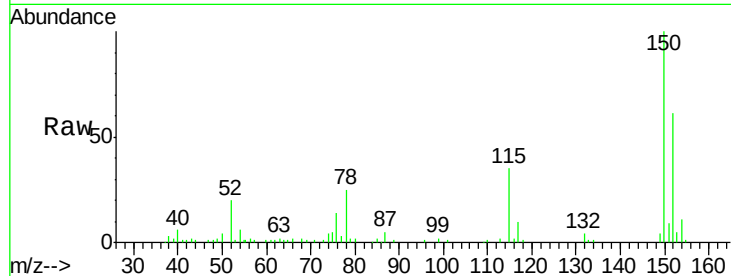


#1

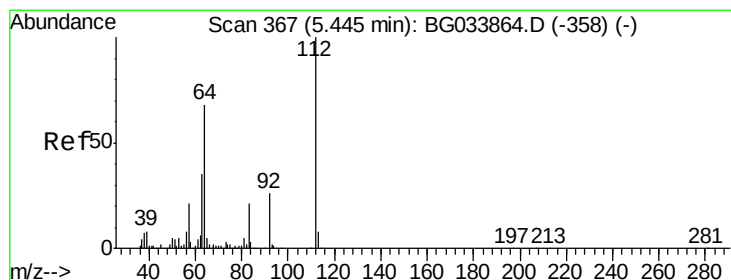
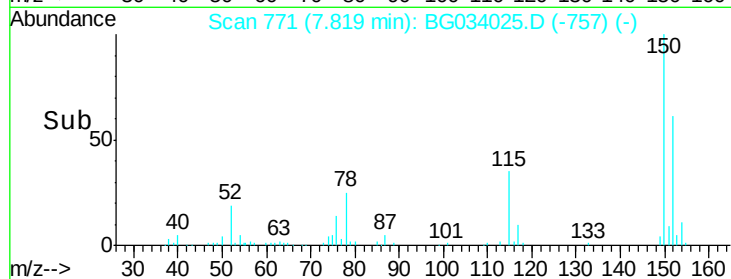
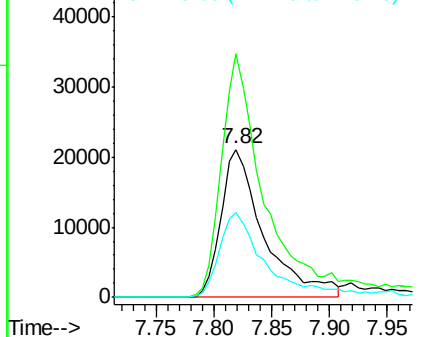
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.82 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BG034025.D
 Acq: 26 Apr 2018 23:57

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

Tgt Ion:152 Resp: 54695
 Ion Ratio Lower Upper
 152 100
 150 164.9 126.6 189.8
 115 57.8 53.0 79.4



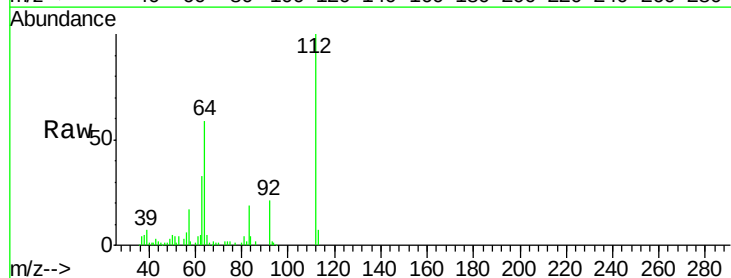
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



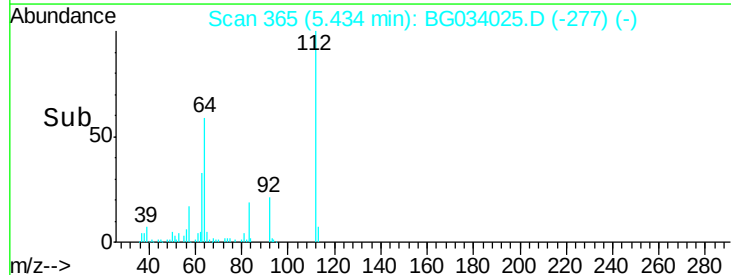
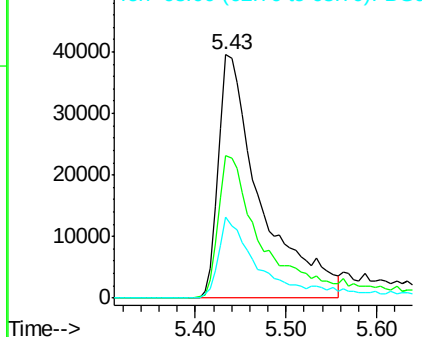
#5

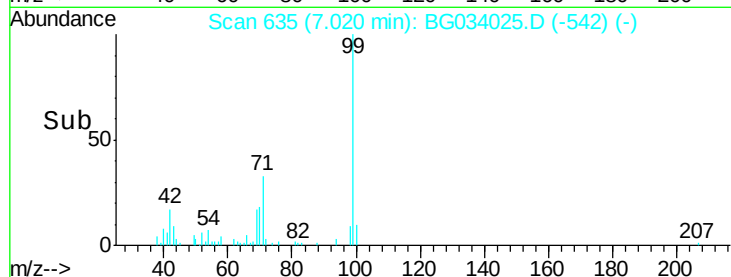
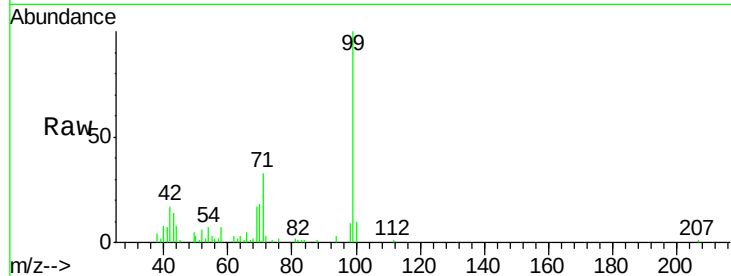
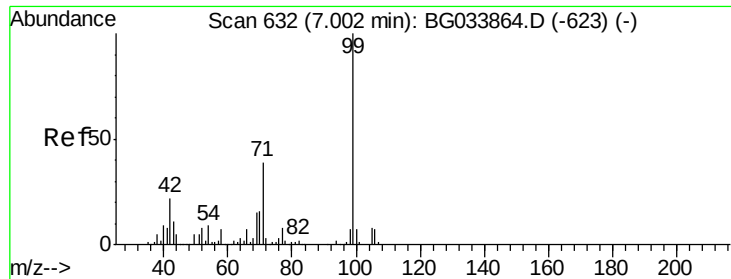
2-Fluorophenol
 Concen: 37.355 ng
 RT: 5.43 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: BG034025.D
 Acq: 26 Apr 2018 23:57

Tgt Ion:112 Resp: 127973
 Ion Ratio Lower Upper
 112 100
 64 58.5 56.3 84.5
 63 33.2 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: 18.277 ng

RT: 7.02 min Scan# 635

Delta R.T. 0.02 min

Lab File: BG034025.D

Acq: 26 Apr 2018 23:57

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-D-S

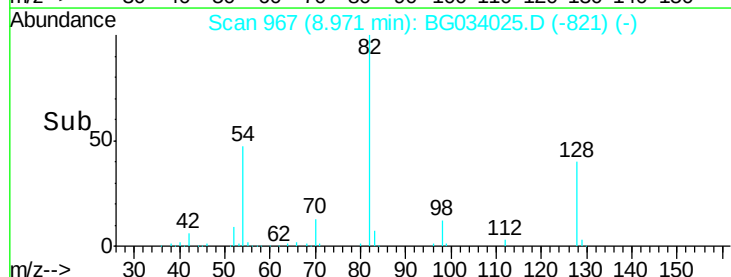
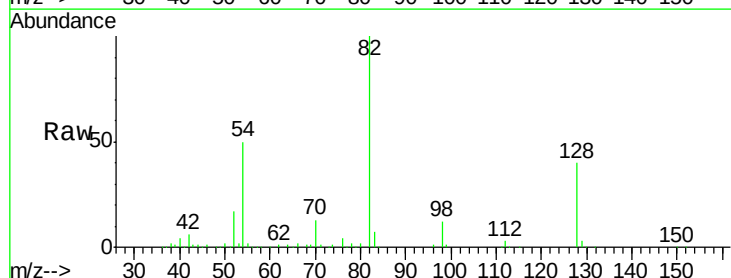
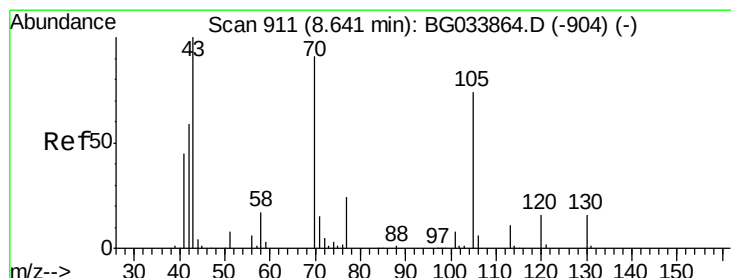
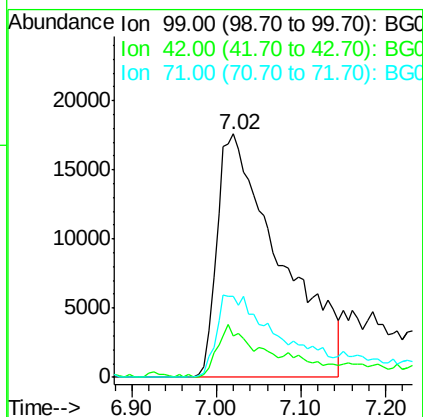
Tgt Ion: 99 Resp: 91325

Ion Ratio Lower Upper

99 100

42 16.9 14.1 21.1

71 33.3 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.243 ng

RT: 8.97 min Scan# 967

Delta R.T. 0.33 min

Lab File: BG034025.D

Acq: 26 Apr 2018 23:57

Tgt Ion: 70 Resp: 52147

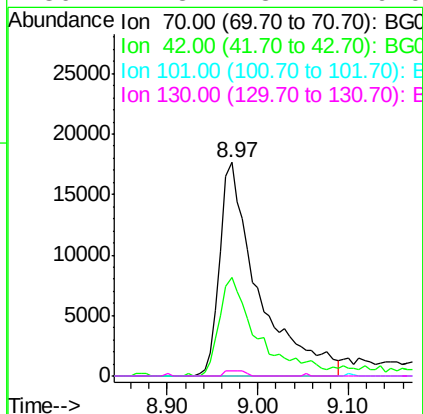
Ion Ratio Lower Upper

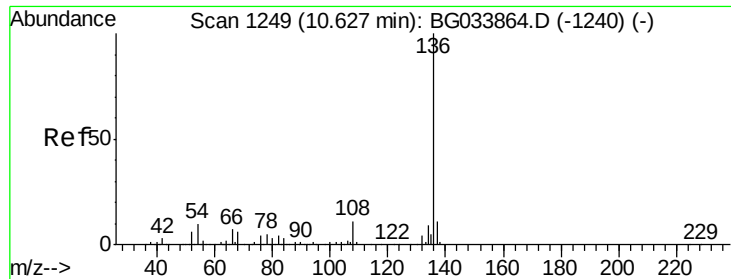
70 100

42 46.4 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

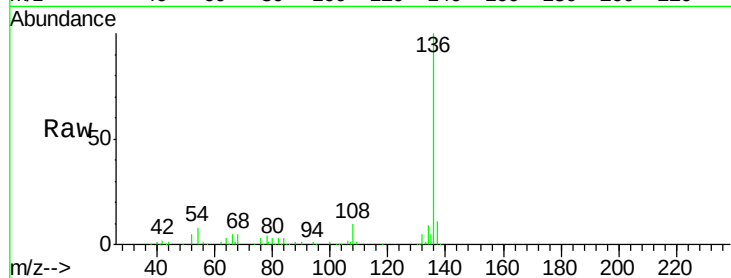




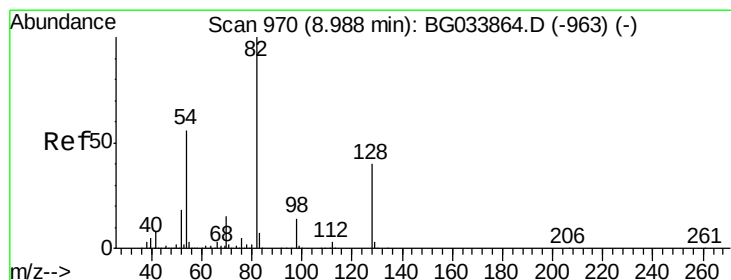
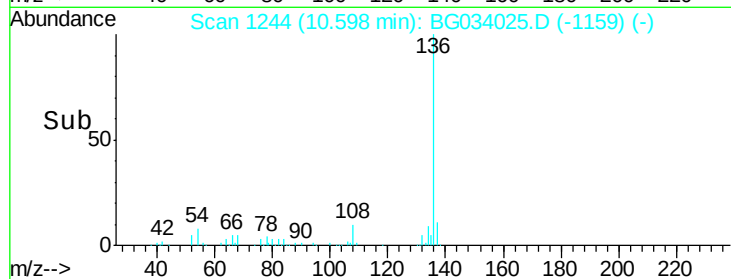
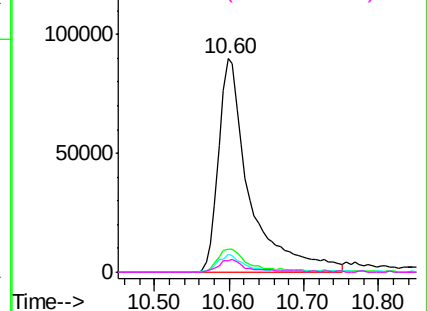
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BG034025.D
Acq: 26 Apr 2018 23:57

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

Tgt Ion:	136	Resp:	259329
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.2	10.3	15.5#
68	5.4	4.5	6.7

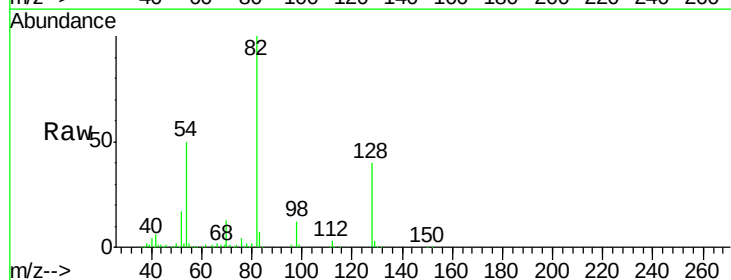


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

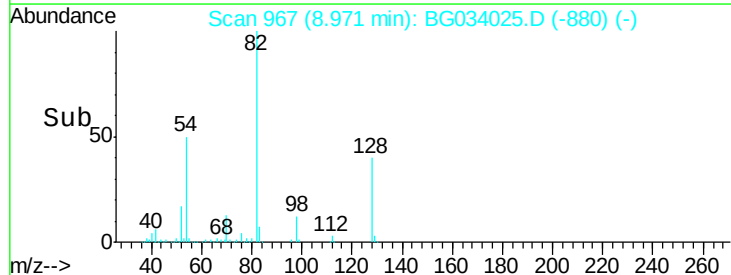
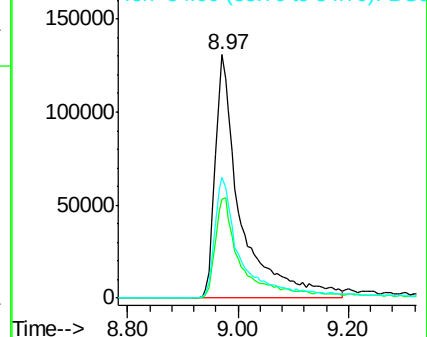


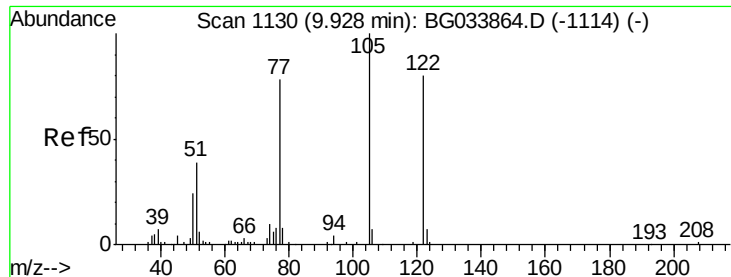
#23
Nitrobenzene-d5
Concen: 91.898 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG034025.D
Acq: 26 Apr 2018 23:57

Tgt Ion:	82	Resp:	418766
Ion	Ratio	Lower	Upper
82	100		
128	40.5	29.7	44.5
54	49.7	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





#32

Benzoic acid

Concen: 5.099 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.02 min

Lab File: BG034025.D

Acq: 26 Apr 2018 23:57

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-D-S

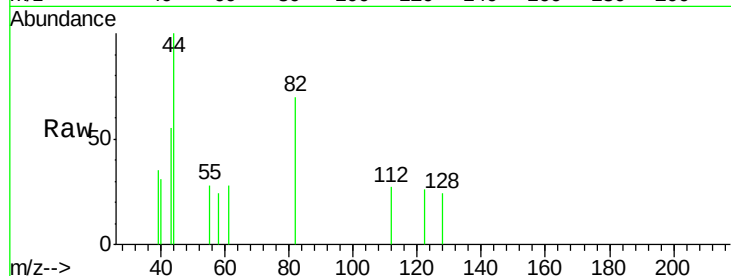
Tgt Ion:122 Resp: 61

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

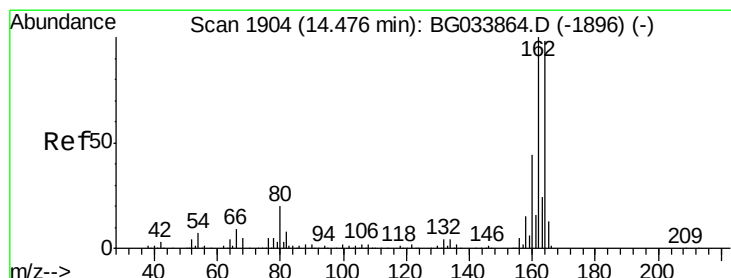
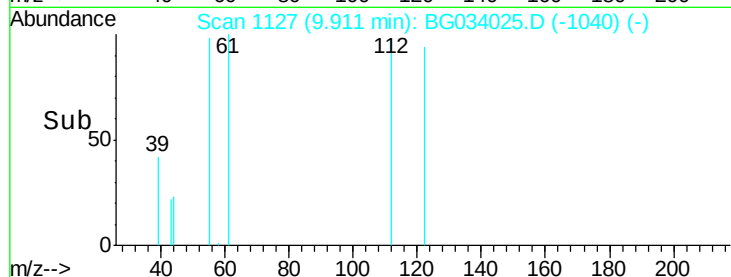
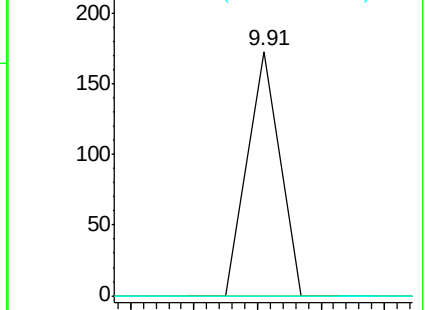
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BG034025.D

Acq: 26 Apr 2018 23:57

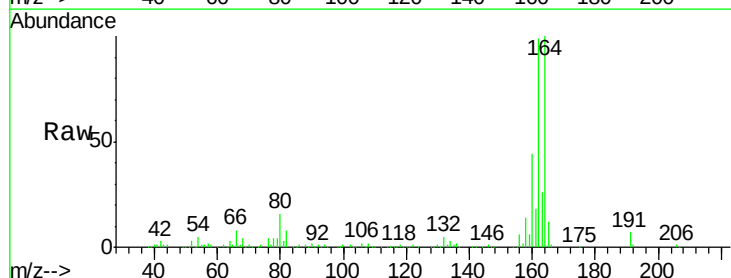
Tgt Ion:164 Resp: 204330

Ion Ratio Lower Upper

164 100

162 99.0 78.8 118.2

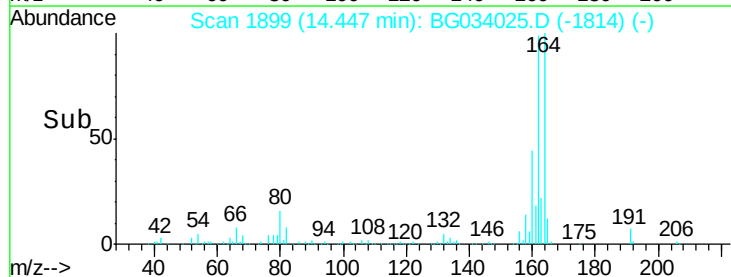
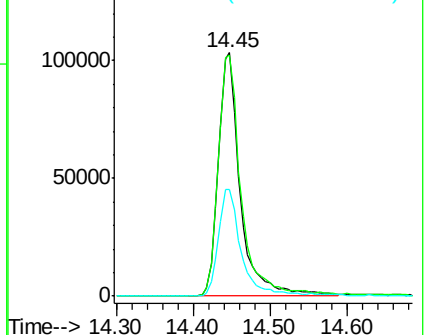
160 43.7 35.4 53.0

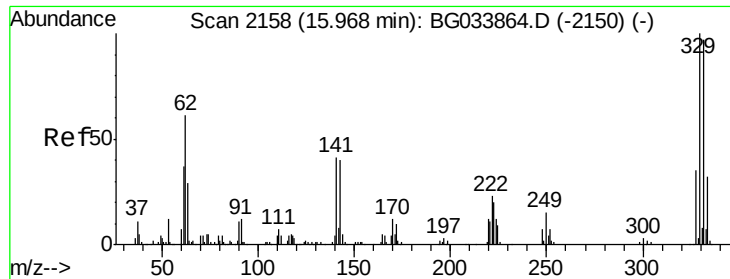


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

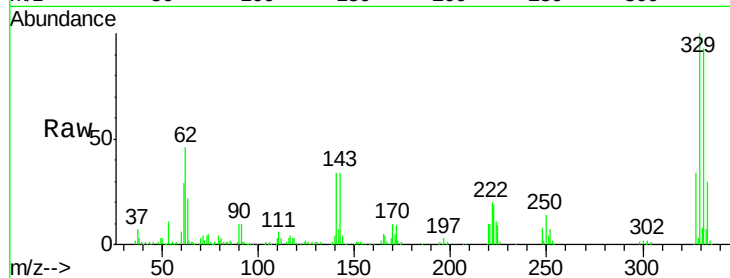




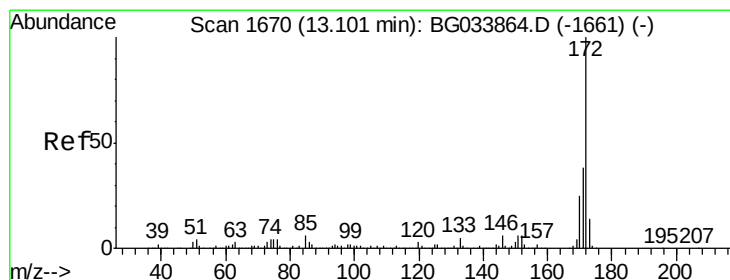
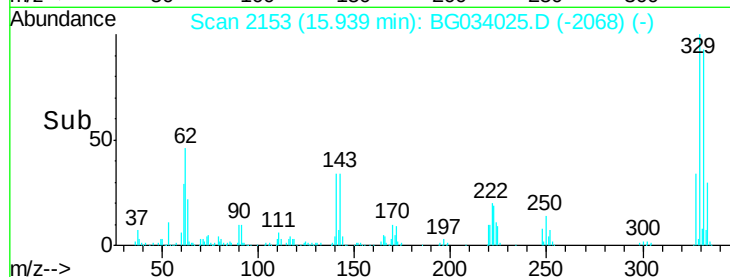
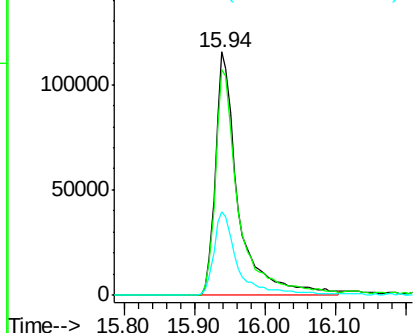
#41
 2,4,6-Tribromophenol
 Concen: 109.338 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. -0.03 min
 Lab File: BG034025.D
 Acq: 26 Apr 2018 23:57

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	36.1	25.2	37.8

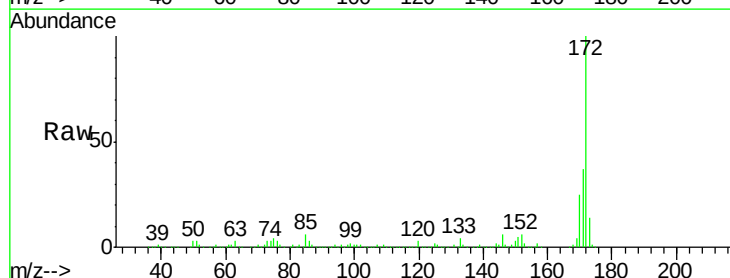


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

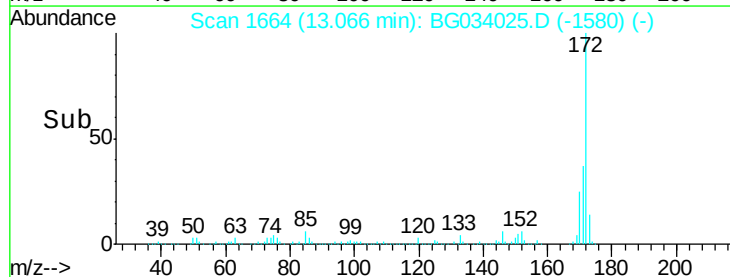
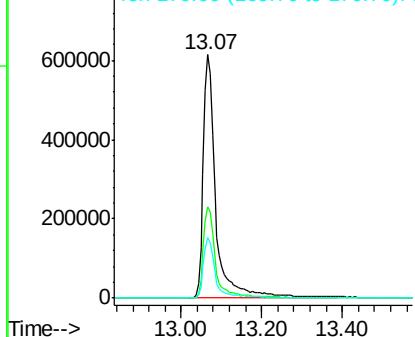


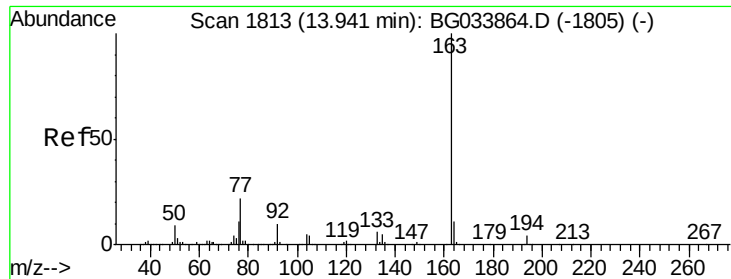
#44
 2-Fluorobiphenyl
 Concen: 97.066 ng
 RT: 13.07 min Scan# 1664
 Delta R.T. -0.03 min
 Lab File: BG034025.D
 Acq: 26 Apr 2018 23:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	25.0	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





#49

Dimethylphthalate

Concen: 2.903 ng

RT: 13.91 min Scan# 1807

Delta R.T. -0.03 min

Lab File: BG034025.D

Acq: 26 Apr 2018 23:57

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-D-S

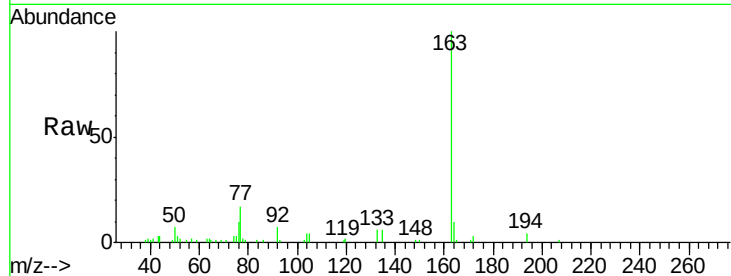
Tgt Ion:163 Resp: 52175

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

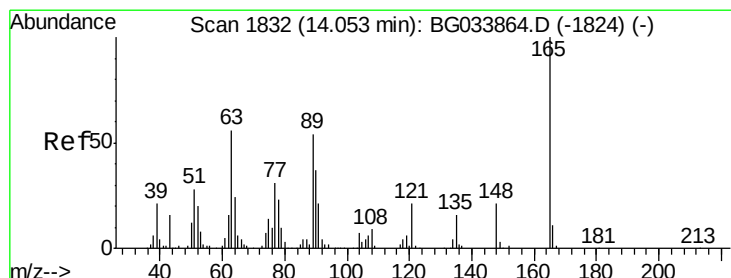
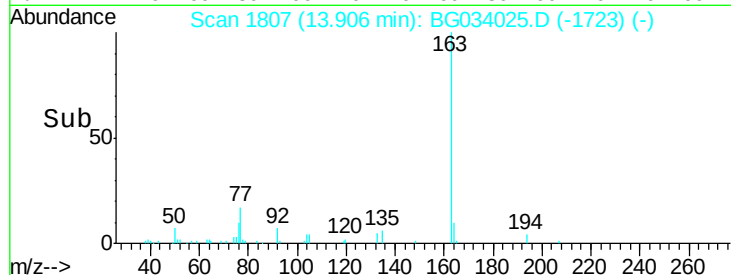
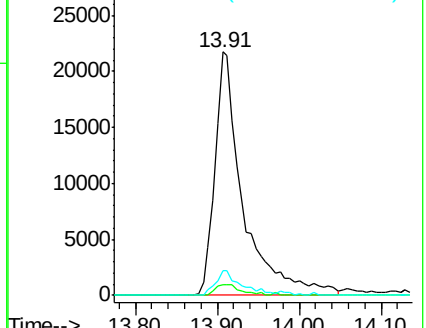
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.632 ng

RT: 14.44 min Scan# 1898

Delta R.T. 0.39 min

Lab File: BG034025.D

Acq: 26 Apr 2018 23:57

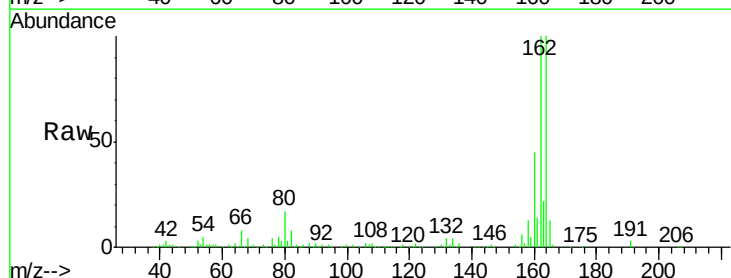
Tgt Ion:165 Resp: 25998

Ion Ratio Lower Upper

165 100

63 1.3 52.7 79.1#

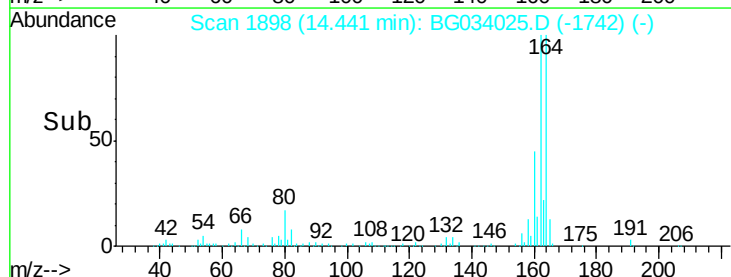
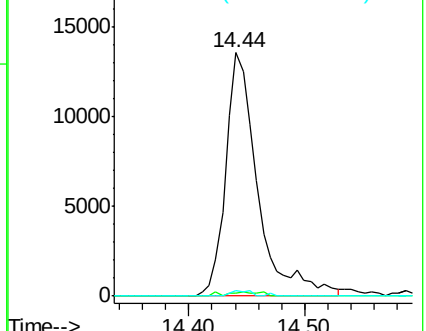
89 2.4 49.2 73.8#

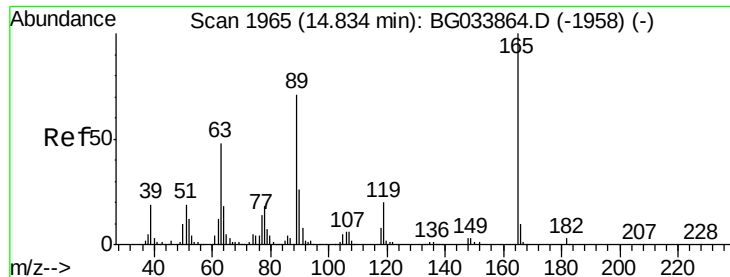


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

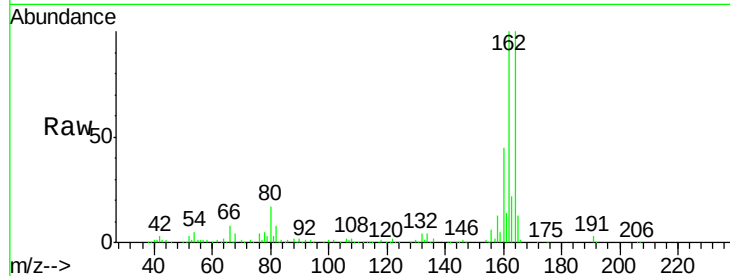




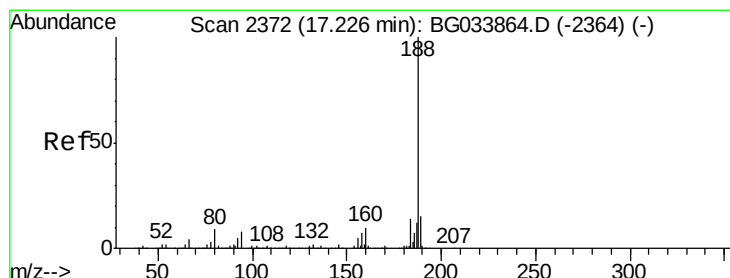
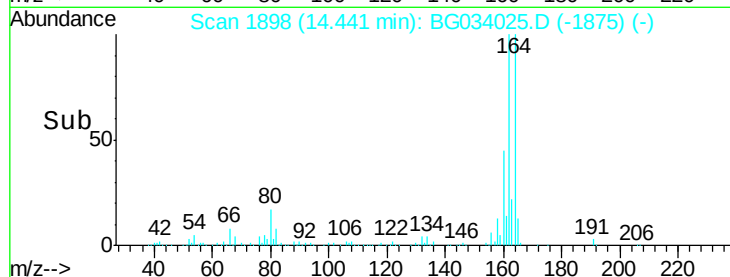
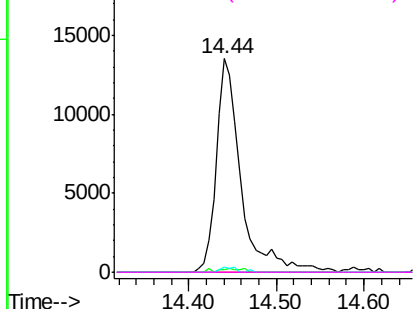
#56
2,4-Dinitrotoluene
Concen: 5.867 ng
RT: 14.44 min Scan# 1898
Delta R.T. -0.39 min
Lab File: BG034025.D
Acq: 26 Apr 2018 23:57

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

Tgt Ion:165 Resp: 26575
Ion Ratio Lower Upper
165 100
63 1.3 42.0 63.0#
89 2.4 66.9 100.3#
182 0.0 2.6 3.8#

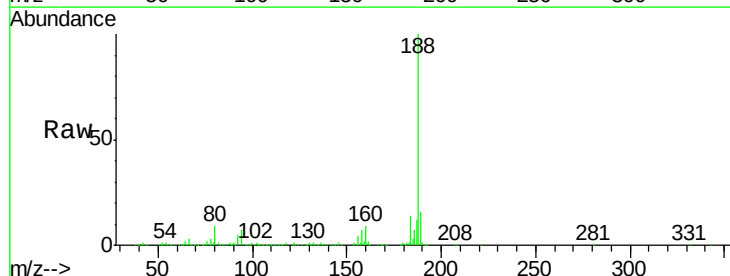


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

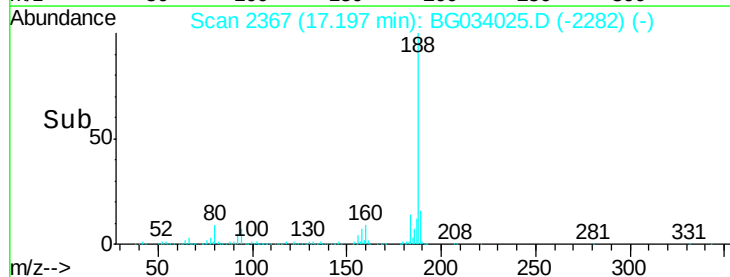
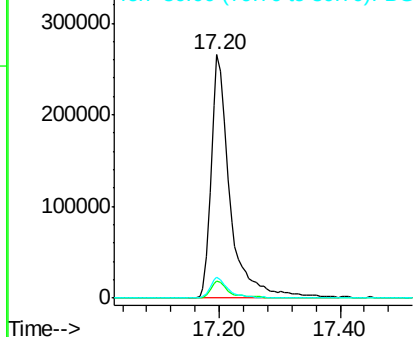


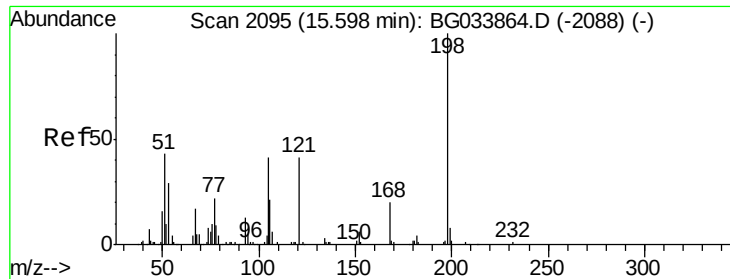
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2367
Delta R.T. -0.03 min
Lab File: BG034025.D
Acq: 26 Apr 2018 23:57

Tgt Ion:188 Resp: 578721
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 8.5 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

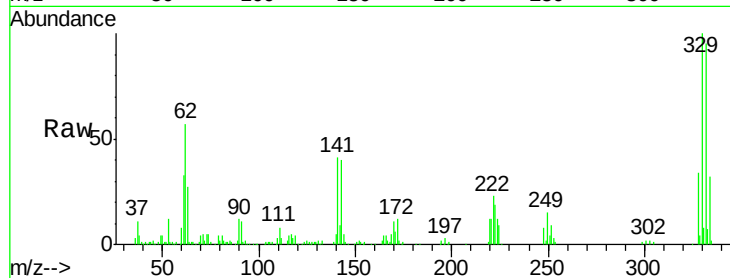




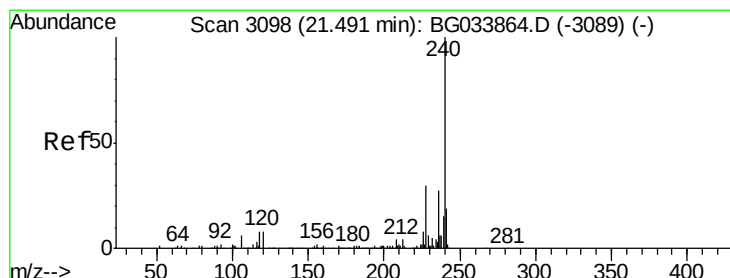
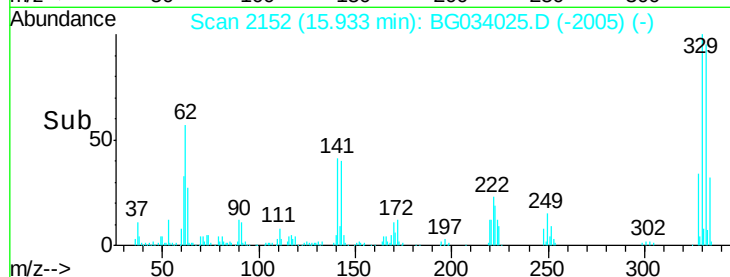
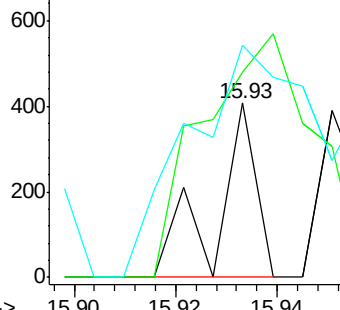
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.557 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. 0.34 min
 Lab File: BG034025.D
 Acq: 26 Apr 2018 23:57

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

Tgt Ion:198 Resp: 218
 Ion Ratio Lower Upper
 198 100
 51 29.9 30.6 70.6#
 105 33.9 23.8 63.8

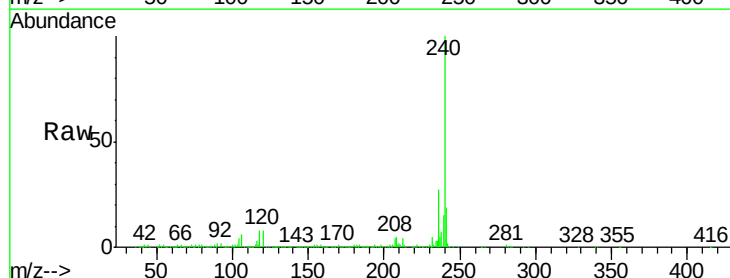


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

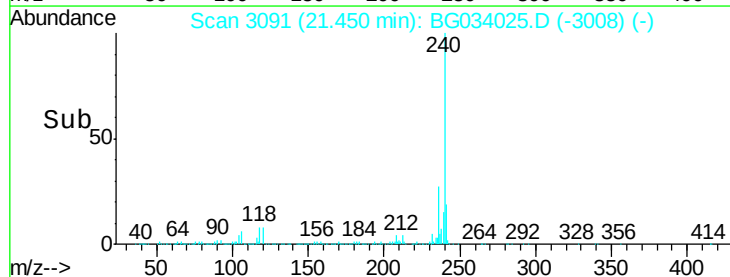
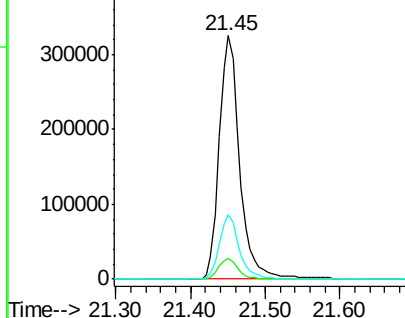


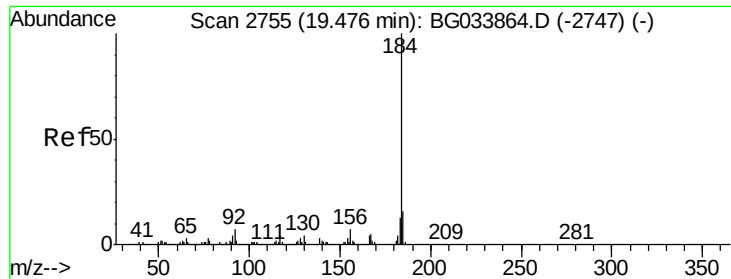
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.45 min Scan# 3091
 Delta R.T. -0.04 min
 Lab File: BG034025.D
 Acq: 26 Apr 2018 23:57

Tgt Ion:240 Resp: 620950
 Ion Ratio Lower Upper
 240 100
 120 8.5 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: 2.284 ng

RT: 19.83 min Scan# 2815

Delta R.T. 0.35 min

Lab File: BG034025.D

Acq: 26 Apr 2018 23:57

Instrument :

BNA_G

ClientSampleId :

042418-DBRI-E-D-S

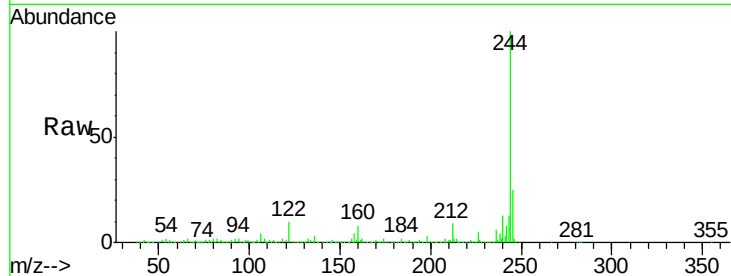
Tgt Ion:184 Resp: 38296

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

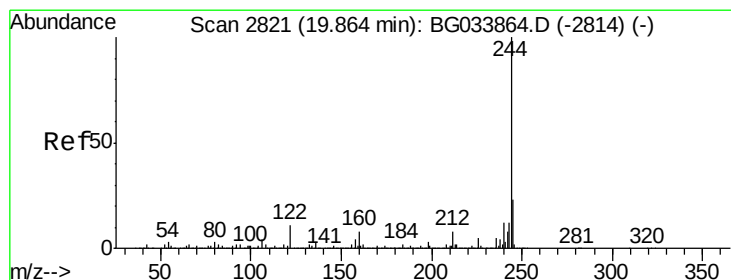
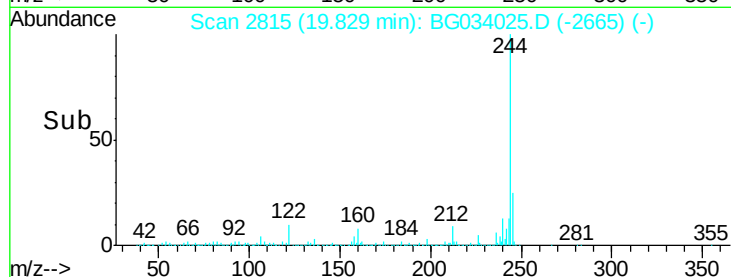
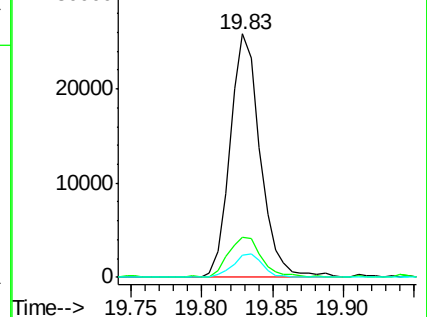
183 9.2 10.6 16.0#



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: 90.280 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.03 min

Lab File: BG034025.D

Acq: 26 Apr 2018 23:57

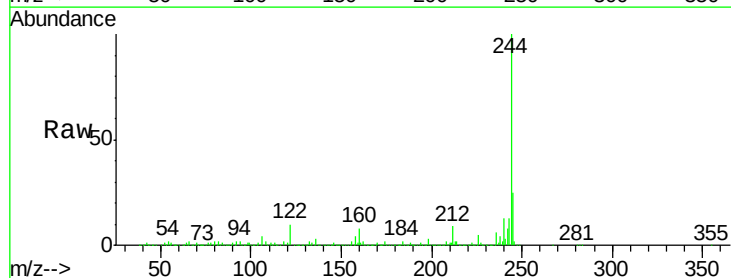
Tgt Ion:244 Resp: 2495292

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

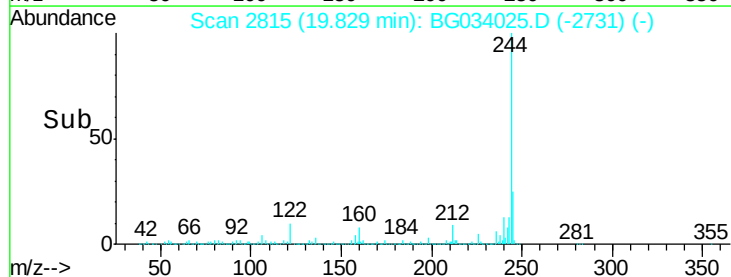
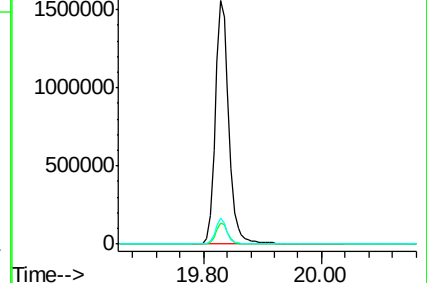
122 10.4 7.0 10.4

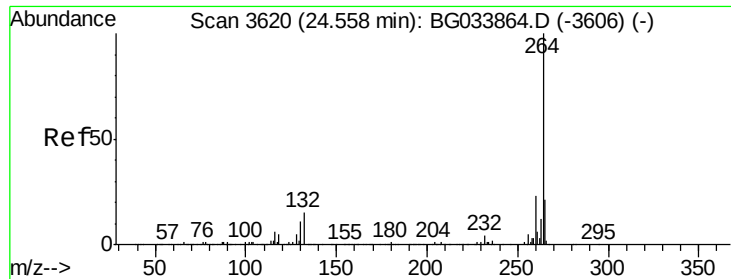


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG034025.D
Acq: 26 Apr 2018 23:57

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

Tgt Ion: 264 Resp: 622249
Ion Ratio Lower Upper
264 100
260 23.8 17.4 26.0
265 22.0 17.7 26.5

