

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033920.D
 Acq On : 23 Apr 2018 14:38
 Operator : SJ/JU
 Sample : J2492-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

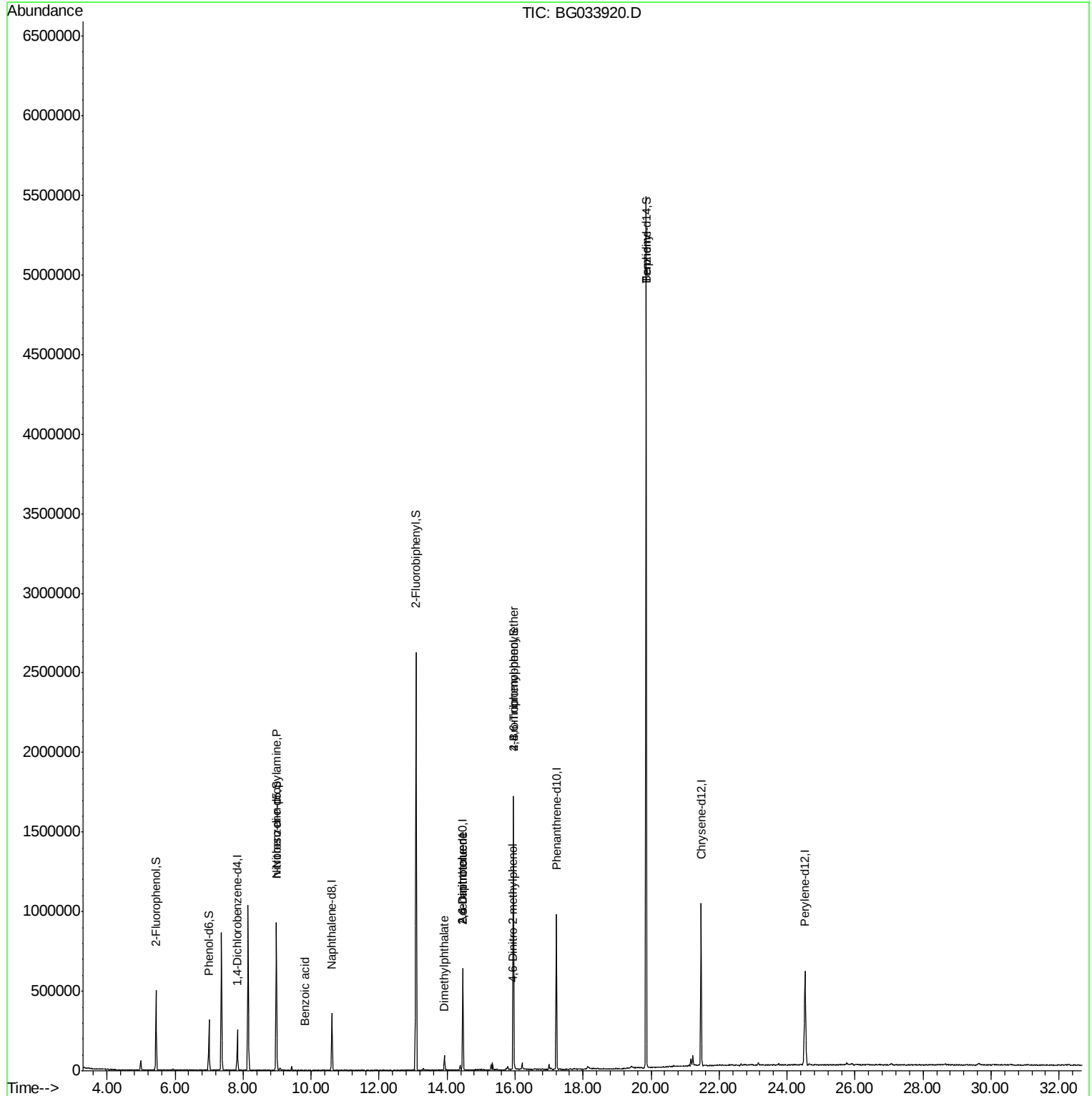
Quant Time: Apr 24 03:18:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

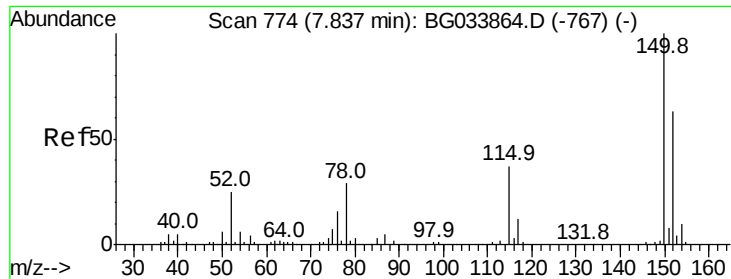
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	69035	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	306525	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	209968	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	577844	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	599960	20.00	ng	-0.02
86) Perylene-d12	24.53	264	608912	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	207637	48.02	ng	0.00
7) Phenol-d6	7.00	99	173186	27.46	ng	0.00
23) Nitrobenzene-d5	8.98	82	564007	104.71	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	307513	125.54	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1362543	95.33	ng	-0.01
78) Terphenyl-d14	19.85	244	2455309	91.94	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.98	77	220	Below Cal	Qvalue	# 34
19) n-Nitroso-di-n-propylamine	8.98	70	77869	14.484 ng	#	76
32) Benzoic acid	9.81	122	56	5.096 ng	#	1
49) Dimethylphthalate	13.92	163	61143	3.310 ng		99
50) 2,6-Dinitrotoluene	14.46	165	27506	7.858 ng	#	21
56) 2,4-Dinitrotoluene	14.46	165	27506	5.910 ng	#	19
64) 4,6-Dinitro-2-methylphenol	15.93	198	67	6.510 ng	#	12
66) 4-Bromophenyl-phenylether	15.95	248	23158	3.649 ng	#	1
76) Benzidine	19.85	184	42045	2.595 ng	#	94

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

```
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Data File : BG033920.D  
Acq On    : 23 Apr 2018  14:38  
Operator  : SJ/JU  
Sample    : J2492-02  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
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Quant Time: Apr 24 03:18:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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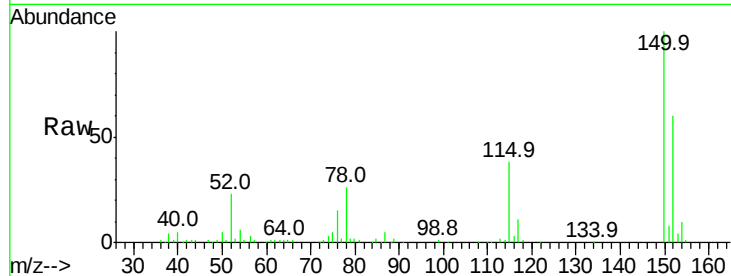


#1

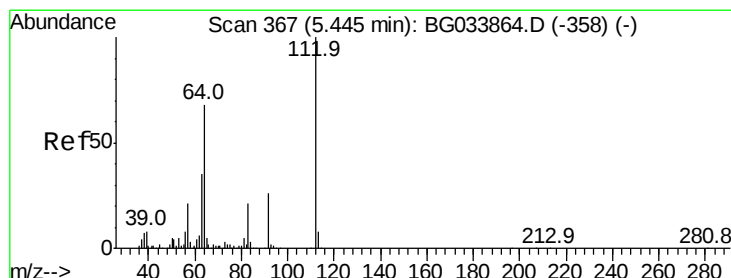
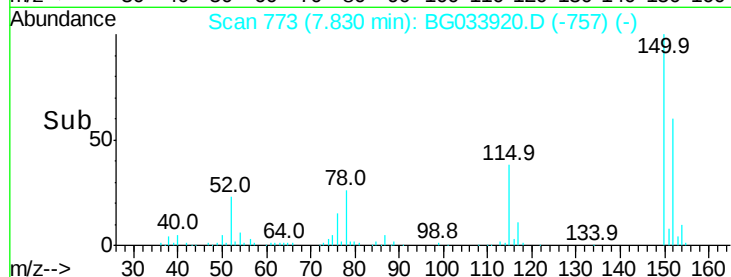
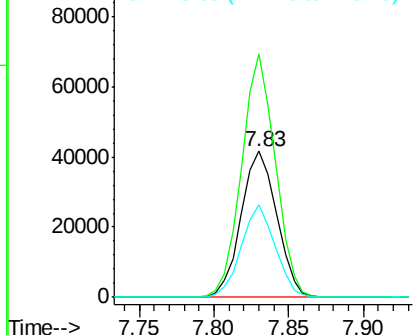
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 69035
Ion Ratio Lower Upper
152 100
150 166.6 126.6 189.8
115 63.1 53.0 79.4



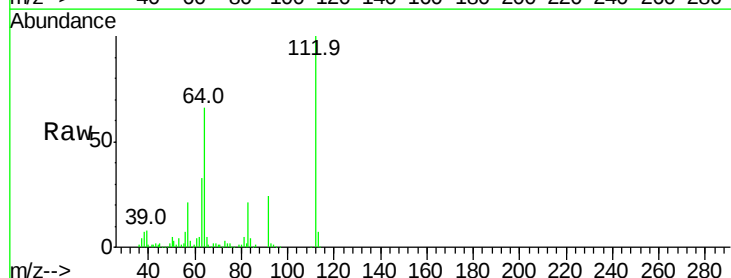
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



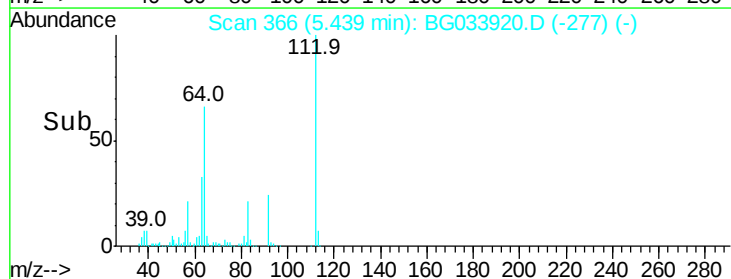
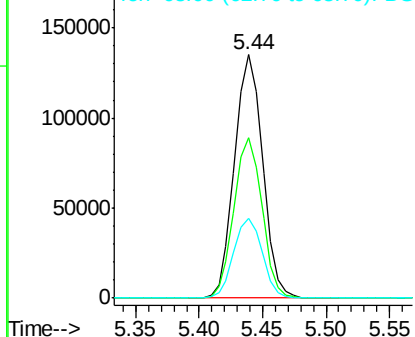
#5

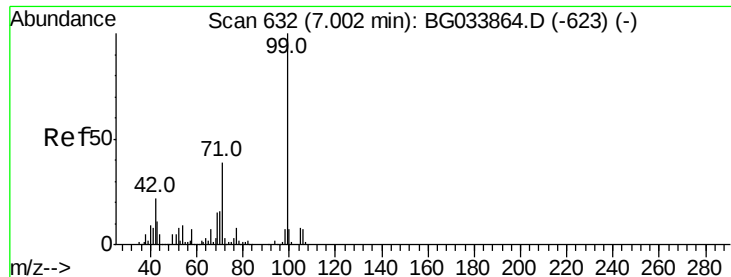
2-Fluorophenol
Concen: 48.019 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion:112 Resp: 207637
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 33.0 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: 27.460 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

Instrument :

BNA_G

ClientSampled :

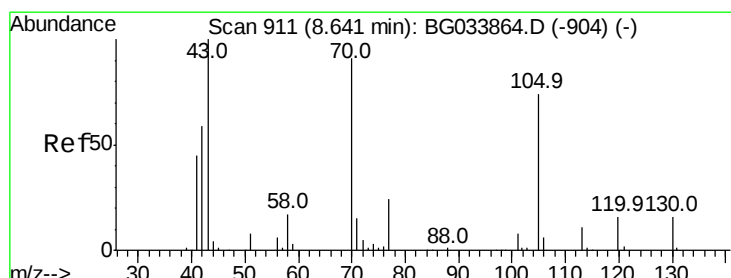
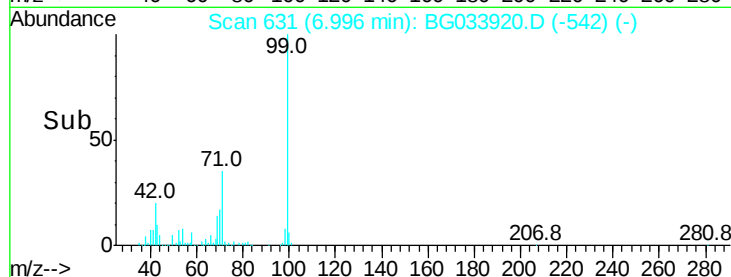
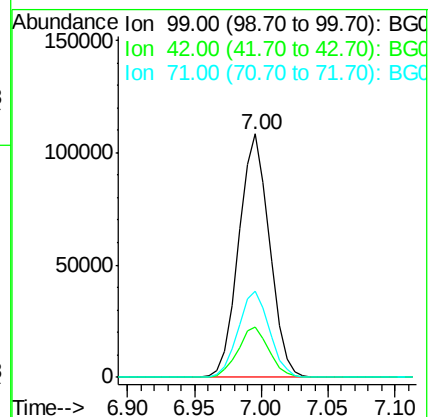
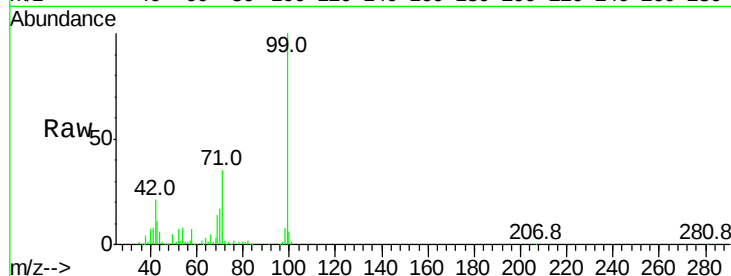
Tot Ion: 99 Resp: 173186

Ion Ratio Lower Upper

99 100

42 20.5 14.1 21.1

71 35.3 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.484 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.33 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

Tgt Ion: 70 Resp: 77869

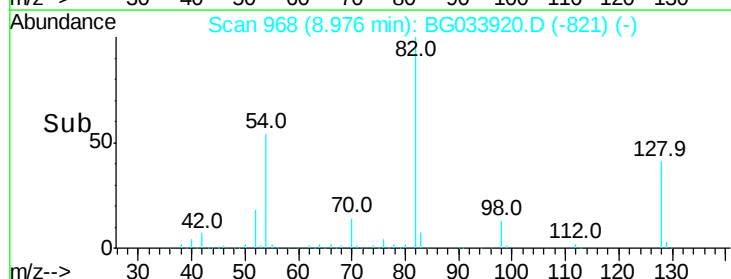
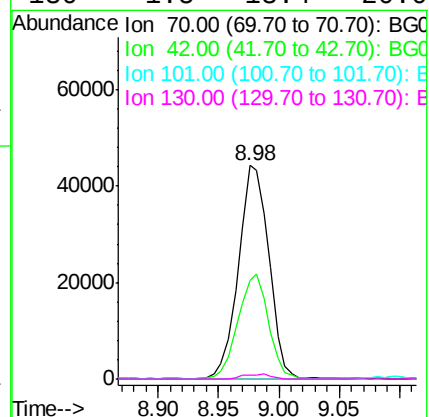
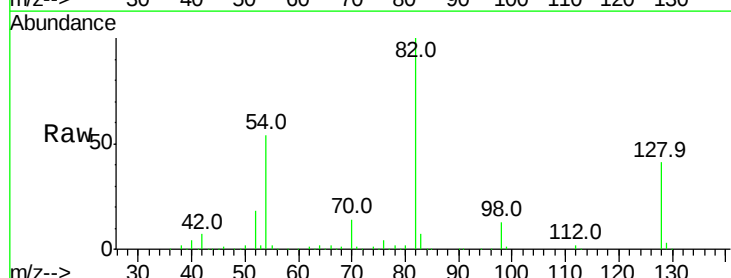
Ion Ratio Lower Upper

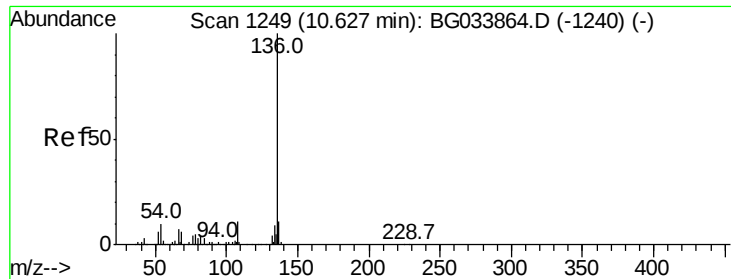
70 100

42 46.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 13.4 20.0#

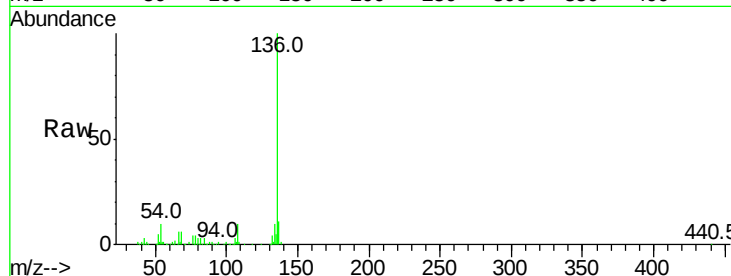




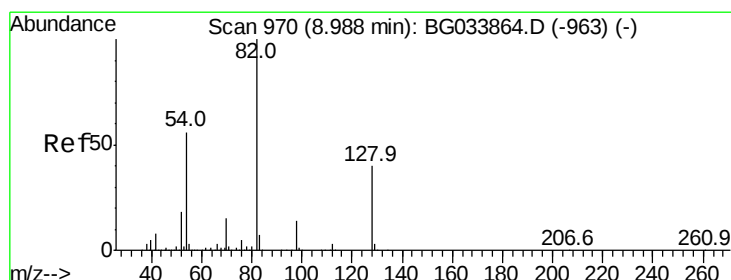
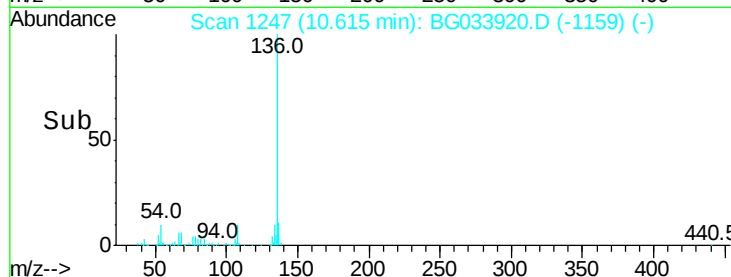
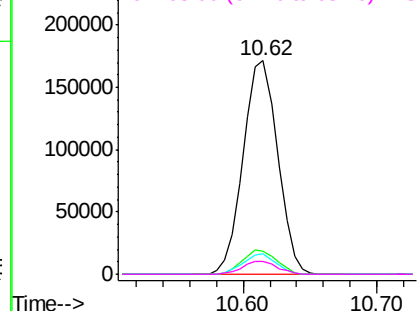
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	306525
Ion Ratio	Lower	Upper
136 100		
137 10.5	9.2	13.8
54 9.6	10.3	15.5
68 6.2	4.5	6.7

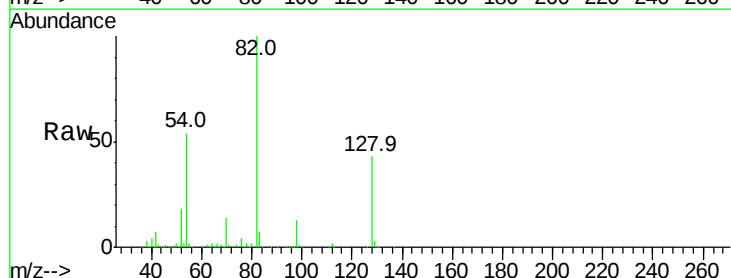


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

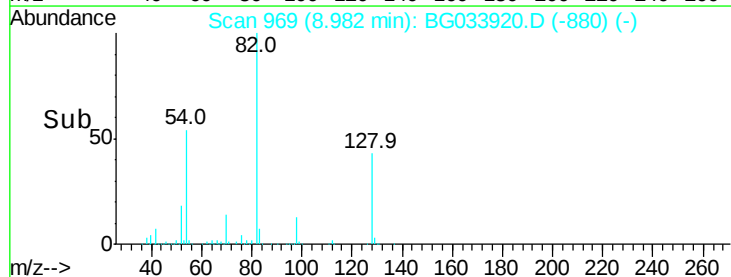
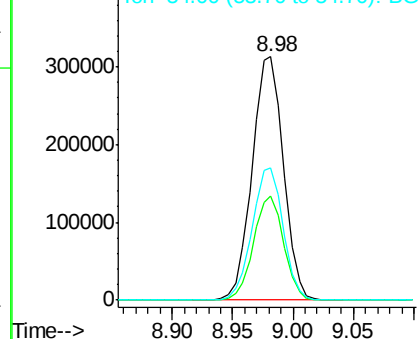


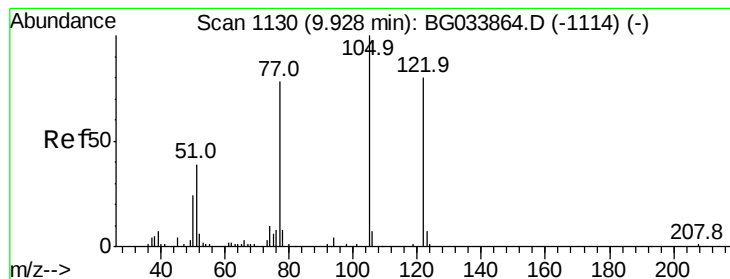
#23
Nitrobenzene-d5
Concen: 104.714 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion: 82	Resp:	564007
Ion Ratio	Lower	Upper
82 100		
128 42.5	29.7	44.5
54 54.3	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: 5.096 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.12 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

Instrument :

BNA_G

ClientSampleId :

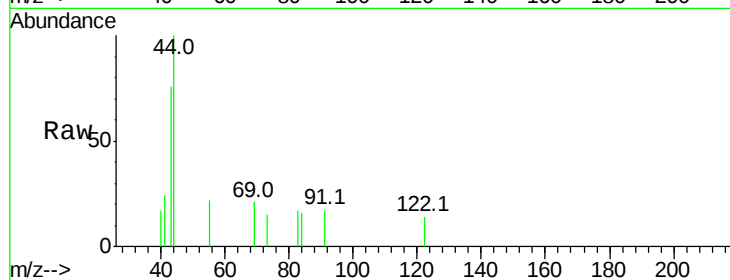
Tot Ion:122 Resp: 56

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

9.81

150

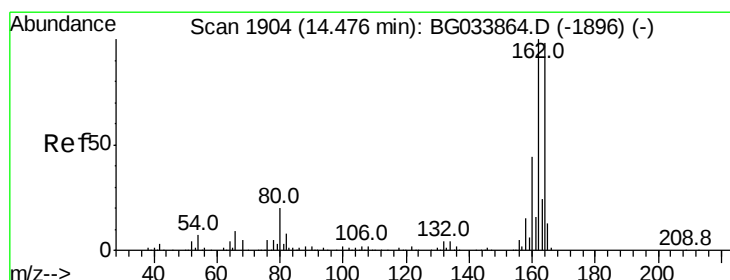
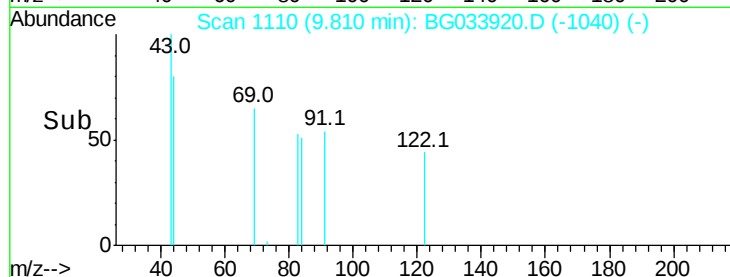
100

50

0

9.79 9.80 9.81 9.82 9.83

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

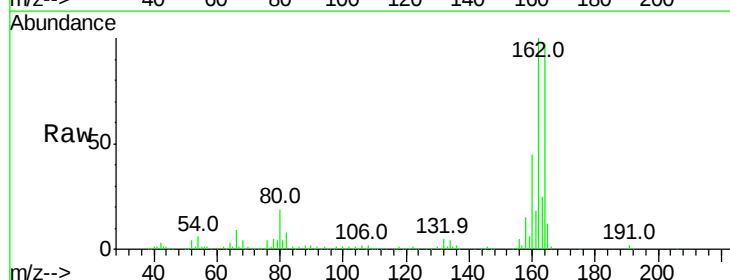
Tgt Ion:164 Resp: 209968

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

160 46.1 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

14.46

150000

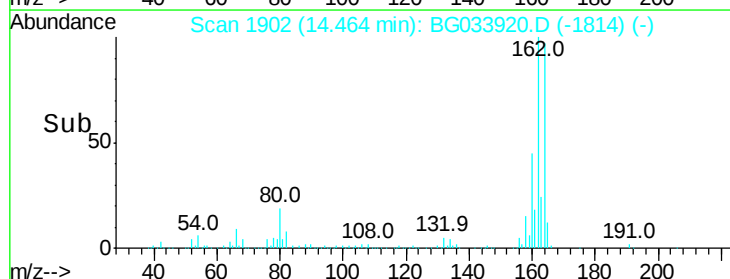
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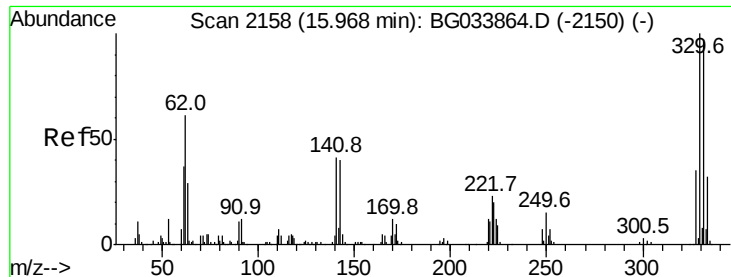
50000

0

14.40 14.45 14.50

Time-->

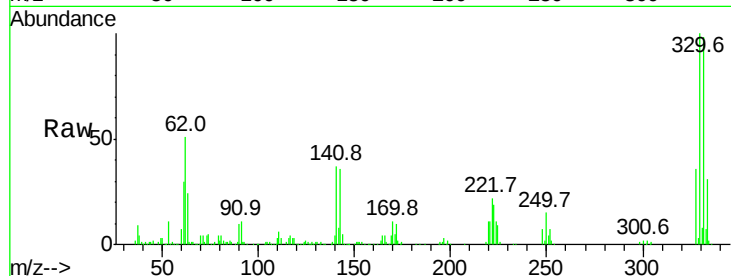




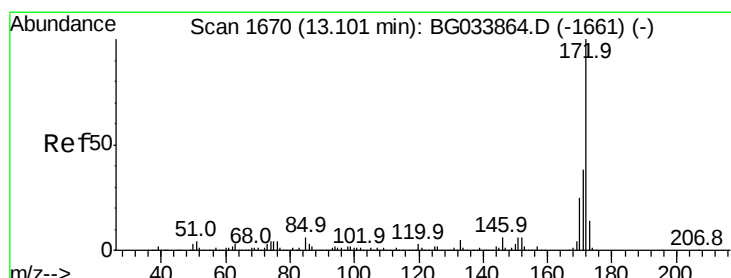
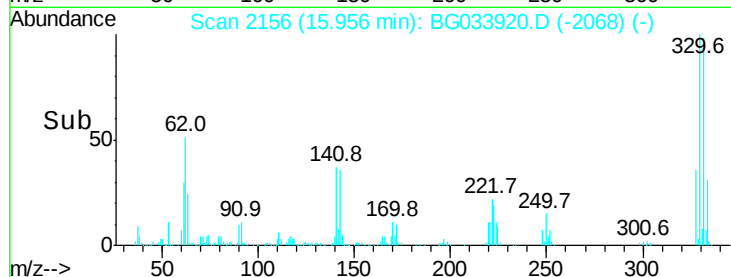
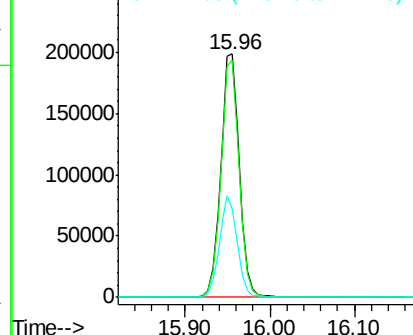
#41
 2,4,6-Tribromophenol
 Concen: 125.535 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033920.D
 Acq: 23 Apr 2018 14:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 307513
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 40.0 25.2 37.8#

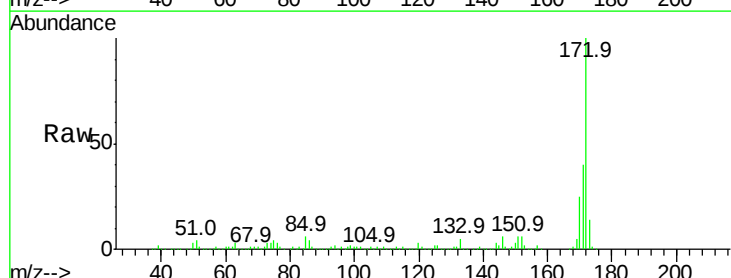


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

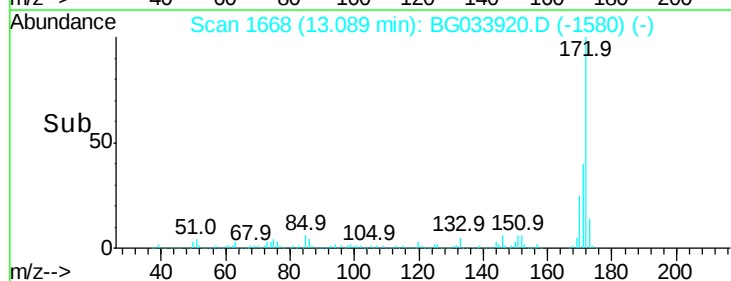
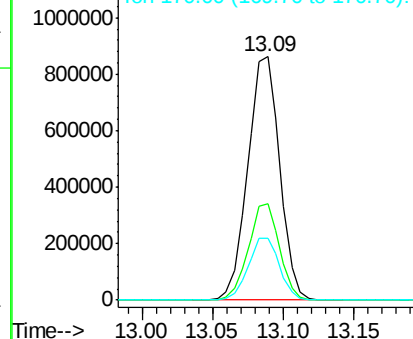


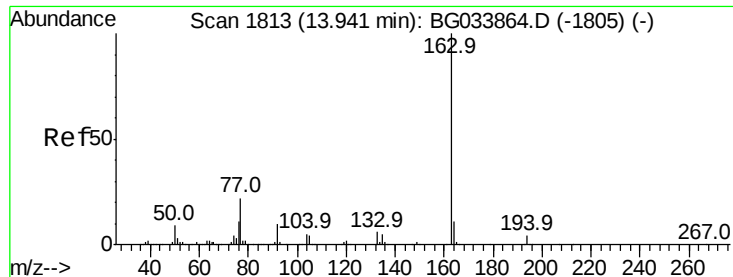
#44
 2-Fluorobiphenyl
 Concen: 95.329 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033920.D
 Acq: 23 Apr 2018 14:38

Tgt Ion:172 Resp: 1362543
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.0 45.0
 170 25.4 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





#49

Dimethylphthalate

Concen: 3.310 ng

RT: 13.92 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

Instrument :

BNA_G

ClientSampled :

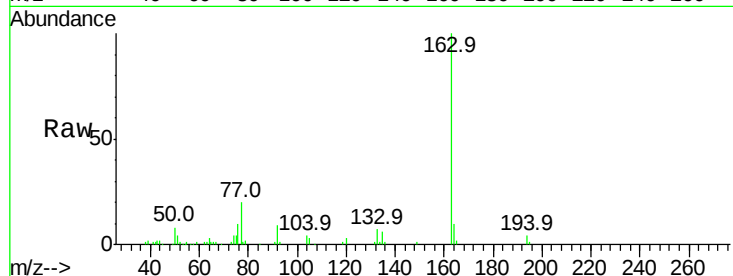
Tot Ion:163 Resp: 61143

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

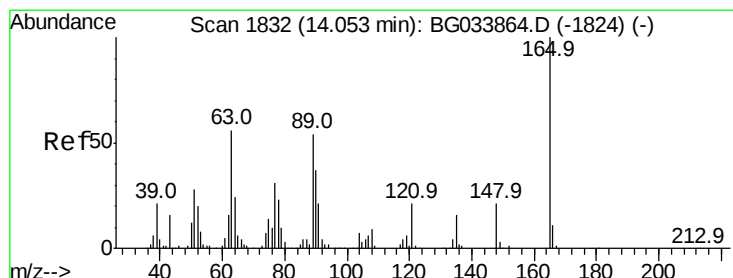
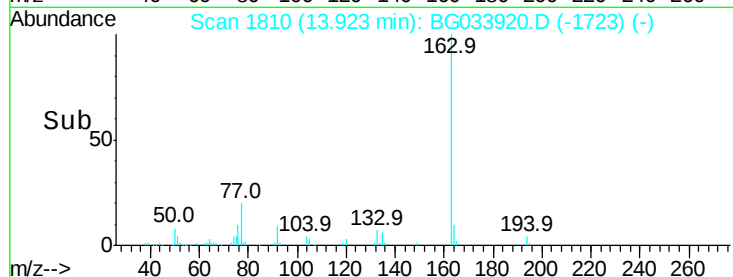
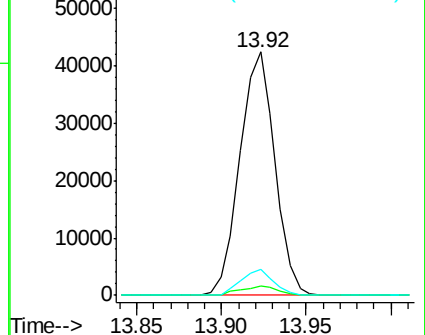
164 10.5 8.2 12.4



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: 7.858 ng

RT: 14.46 min Scan# 1902

Delta R.T. 0.41 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

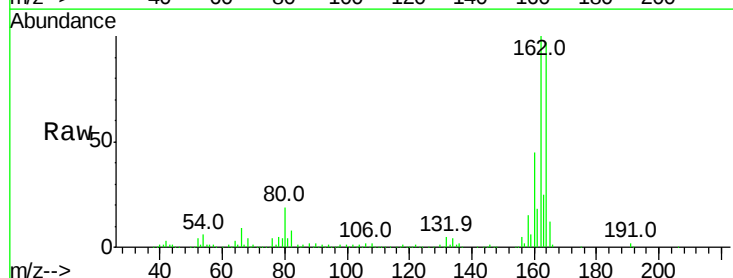
Tgt Ion:165 Resp: 27506

Ion Ratio Lower Upper

165 100

63 1.4 52.7 79.1#

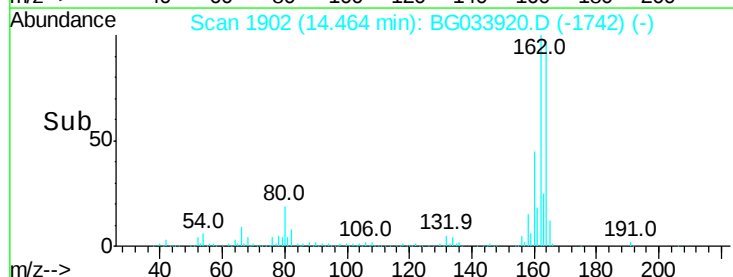
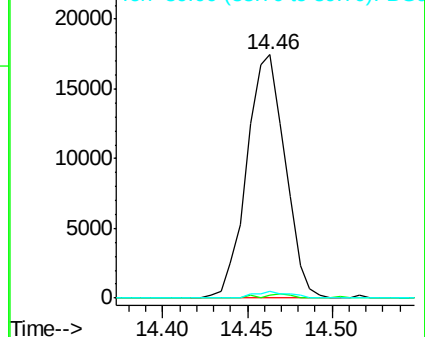
89 2.6 49.2 73.8#

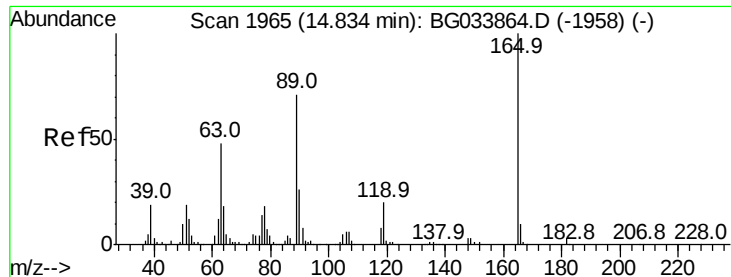


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#56

2,4-Dinitrotoluene

Concen: 5.910 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.37 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 27506

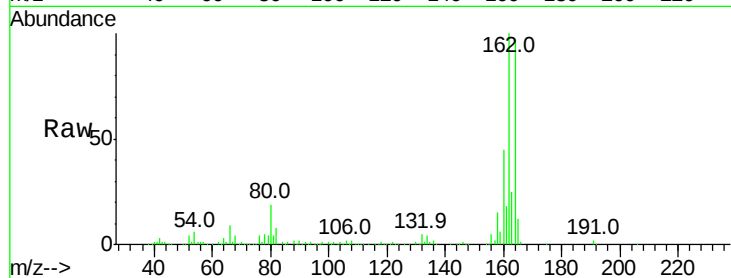
Ion Ratio Lower Upper

165 100

63 1.4 42.0 63.0#

89 2.6 66.9 100.3#

182 0.0 2.6 3.8#

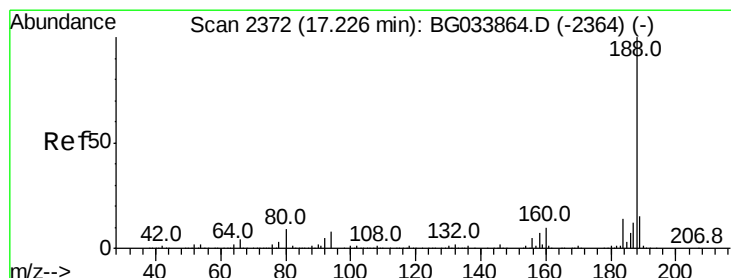
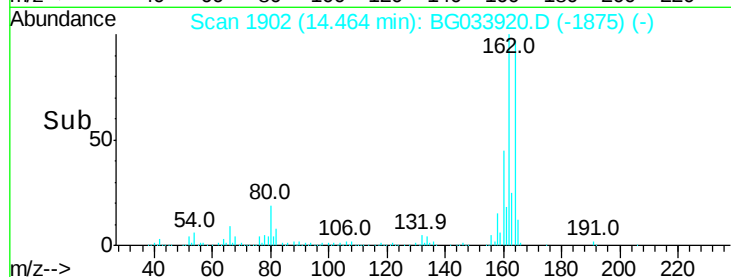
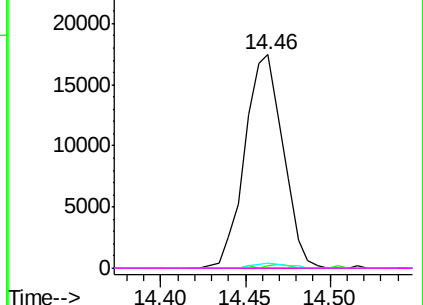


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.21 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

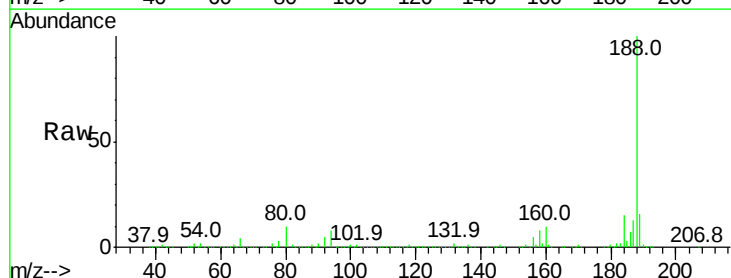
Tgt Ion:188 Resp: 577844

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

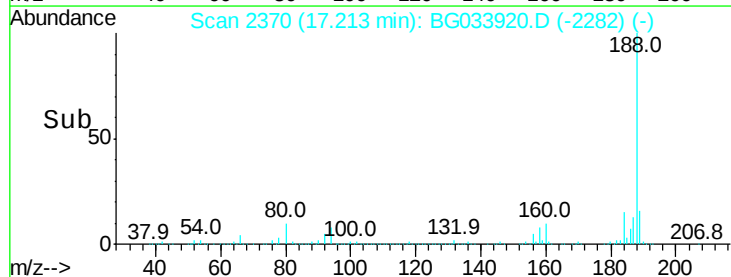
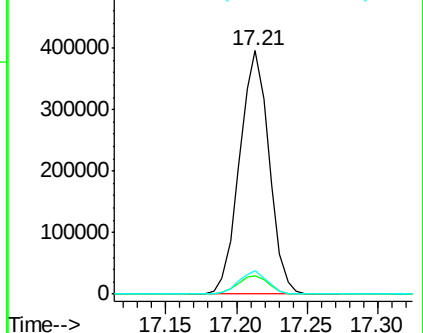
80 9.6 7.7 11.5

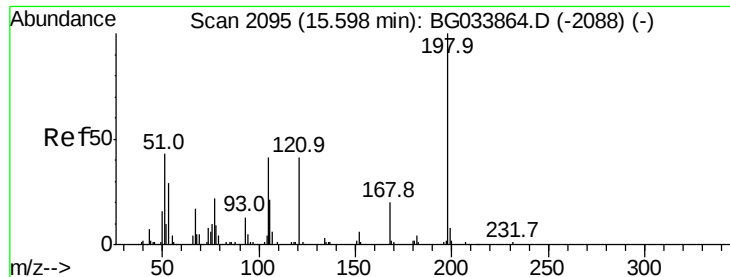


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

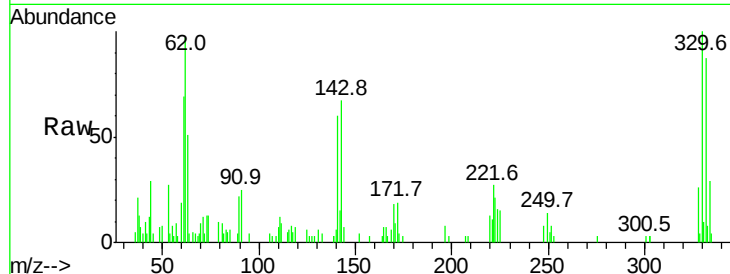




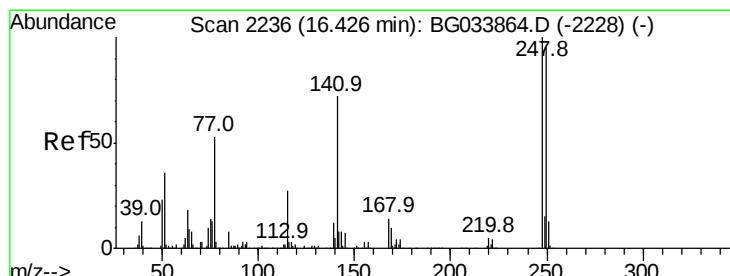
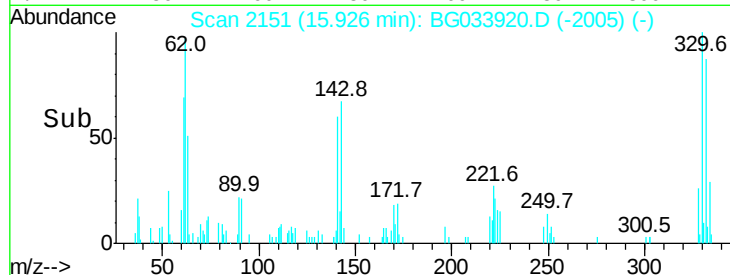
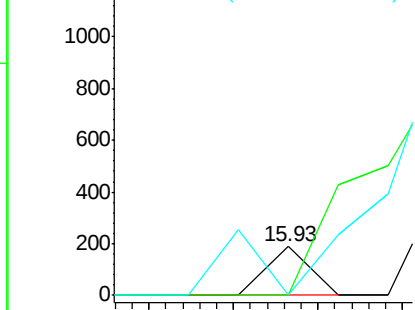
#64
4,6-Dinitro-2-methylphenol
Concen: 6.510 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.33 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 67
Ion Ratio Lower Upper
198 100
51 0.0 30.6 70.6#
105 111.1 23.8 63.8#

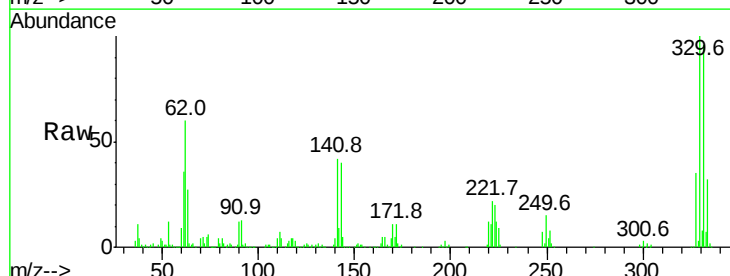


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

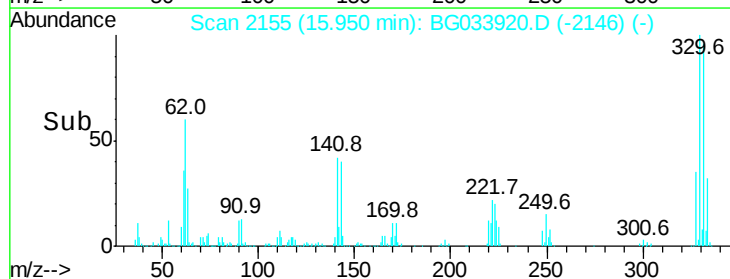
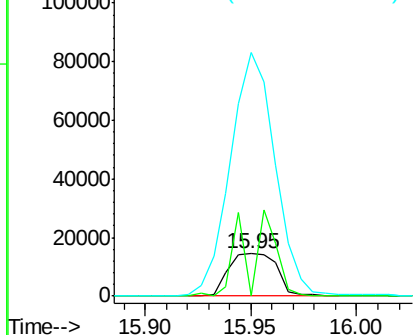


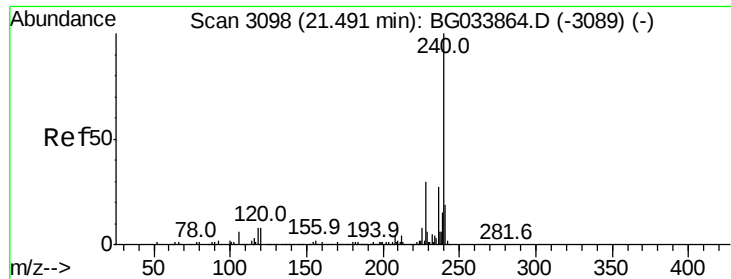
#66
4-Bromophenyl-phenylether
Concen: 3.649 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.48 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion:248 Resp: 23158
Ion Ratio Lower Upper
248 100
250 44.4 77.1 115.7#
141 442.3 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

Instrument :

BNA_G

ClientSampleId :

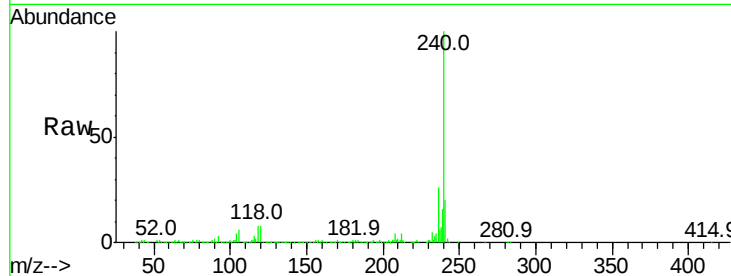
Tot Ion:240 Resp: 599960

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

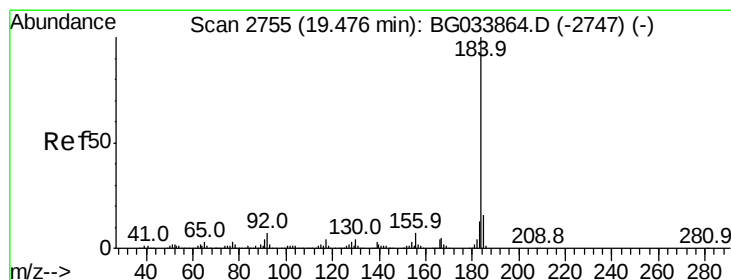
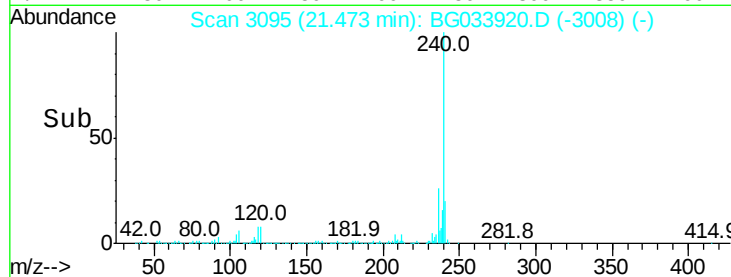
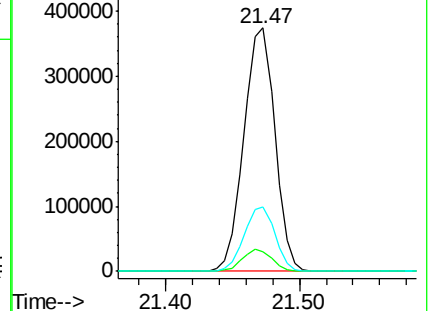
236 26.4 20.9 31.3



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: 2.595 ng

RT: 19.85 min Scan# 2819

Delta R.T. 0.38 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

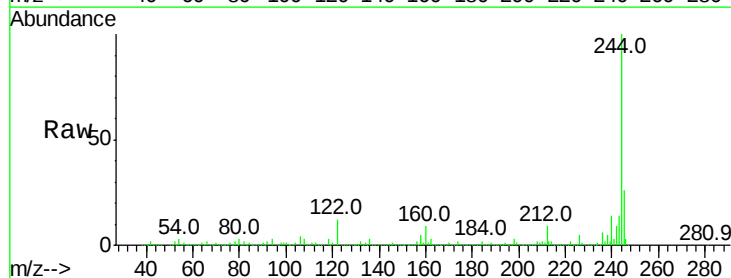
Tgt Ion:184 Resp: 42045

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

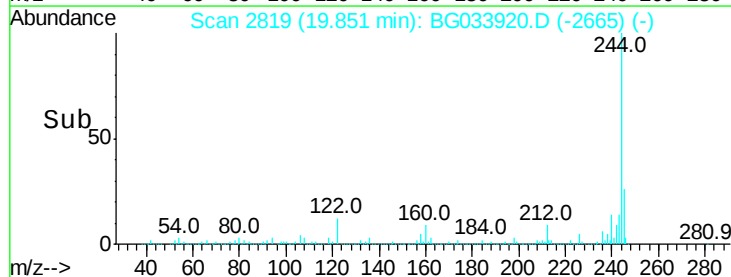
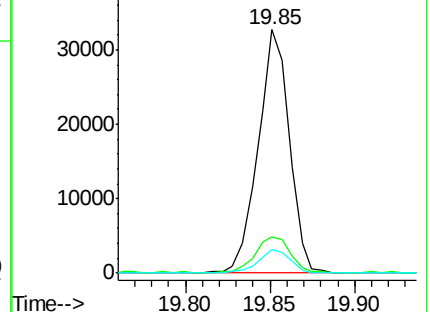
183 9.9 10.6 16.0#

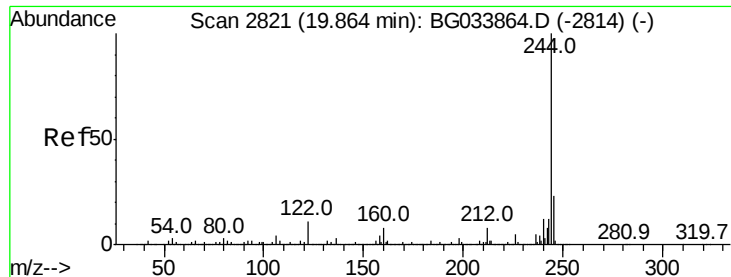


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 91.942 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

Instrument :

BNA_G

ClientSampled :

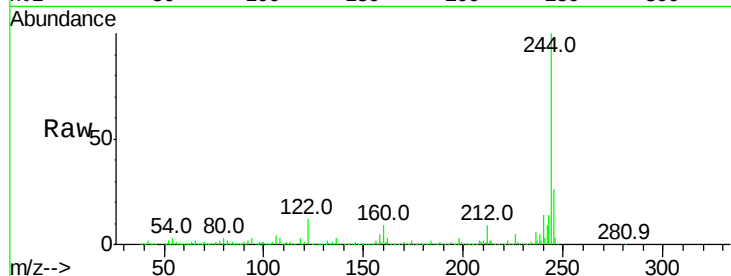
Tot Ion:244 Resp: 2455309

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

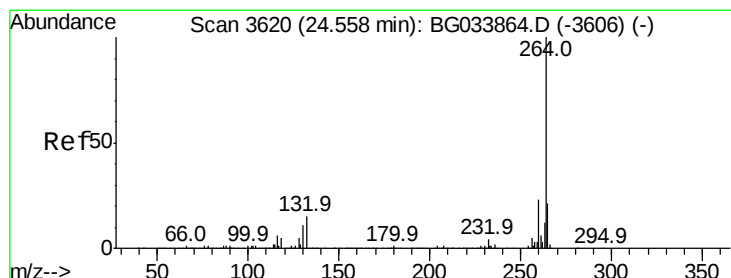
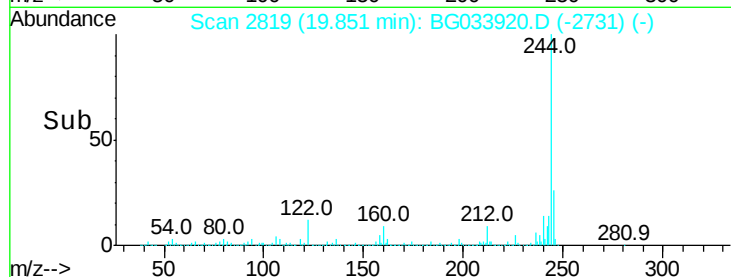
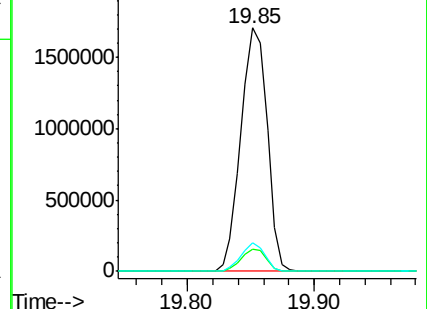
122 11.8 7.0 10.4#



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: 24.53 min Scan# 3615

Delta R.T. -0.03 min

Lab File: BG033920.D

Acq: 23 Apr 2018 14:38

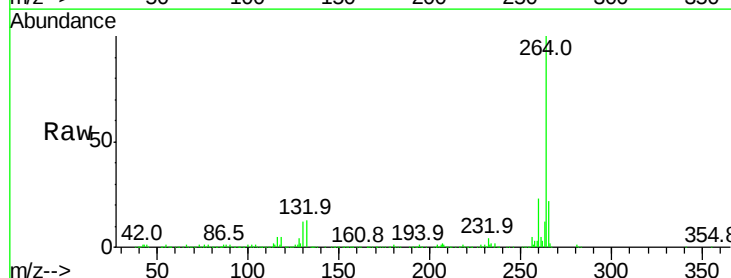
Tgt Ion:264 Resp: 608912

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.6 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

