

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033923.D
 Acq On : 23 Apr 2018 16:33
 Operator : SJ/JU
 Sample : J2492-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 03:19:40 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

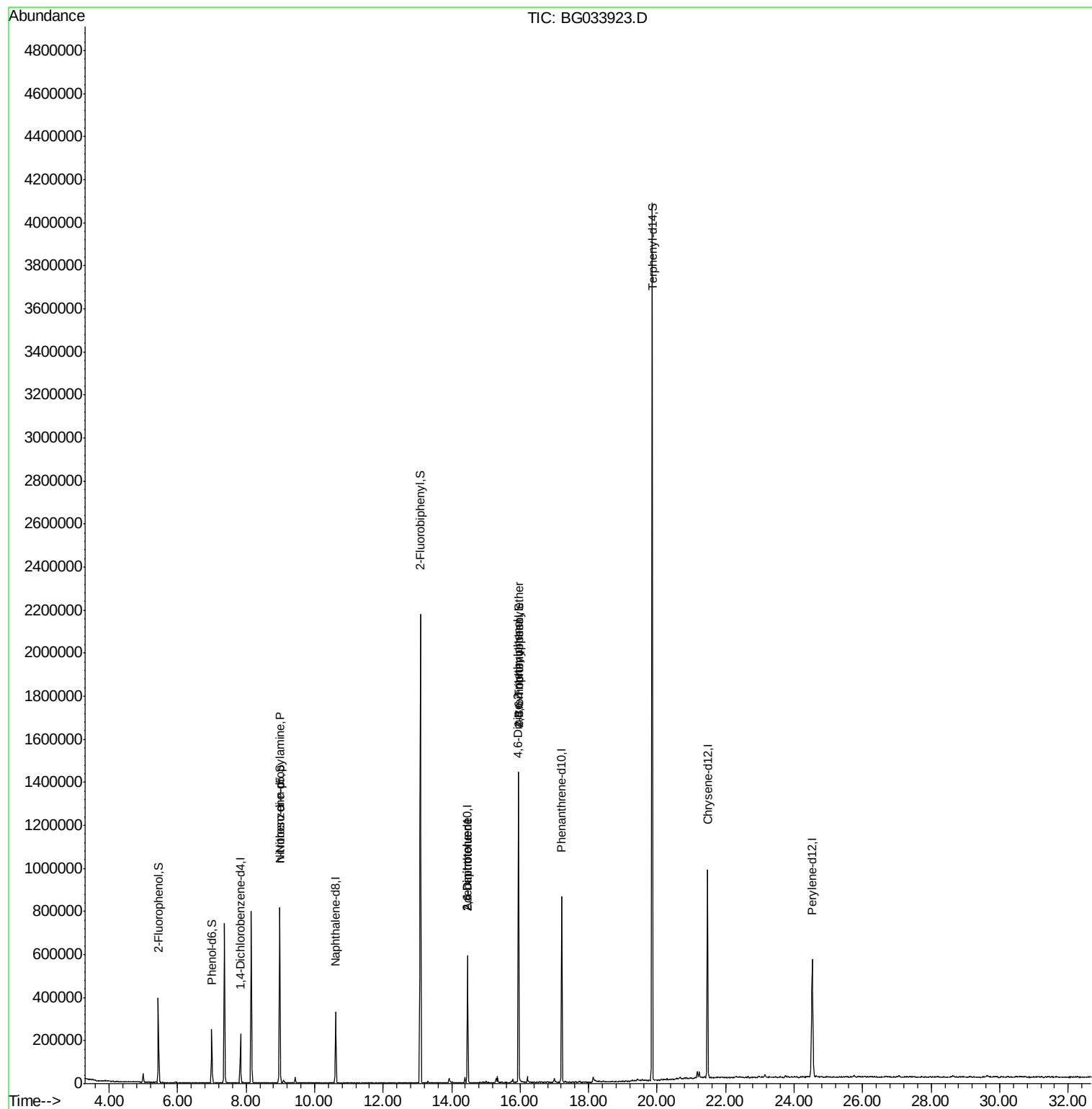
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	62363	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	281264	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	197902	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	540477	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	557769	20.00	ng	-0.02
86) Perylene-d12	24.53	264	566194	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	170992	43.78	ng	0.00
7) Phenol-d6	6.99	99	141911	24.91	ng	-0.01
23) Nitrobenzene-d5	8.98	82	485618	98.26	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	255620	110.71	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1122967	83.36	ng	-0.02
78) Terphenyl-d14	19.85	244	1874681	75.51	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.98	77	329	Below Cal		Qvalue # 28
19) n-Nitroso-di-n-propylamine	8.98	70	68482	14.101	ng	# 79
50) 2,6-Dinitrotoluene	14.46	165	25586	7.756	ng	# 19
56) 2,4-Dinitrotoluene	14.46	165	25586	5.832	ng	# 17
64) 4,6-Dinitro-2-methylphenol	15.94	198	1253	6.906	ng	# 85
66) 4-Bromophenyl-phenylether	15.95	248	14791	2.492	ng	# 1

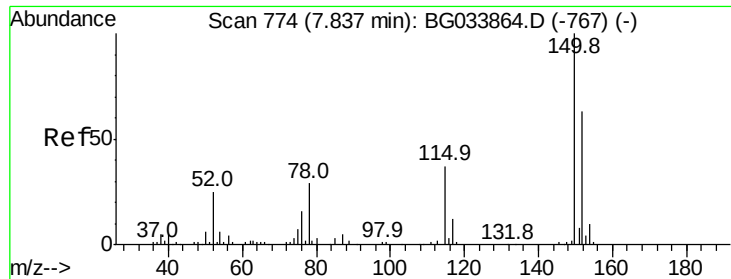
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 24 03:19:40 2018
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QLast Update : Thu Apr 19 13:56:22 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

Instrument :

BNA_G

ClientSampleId :

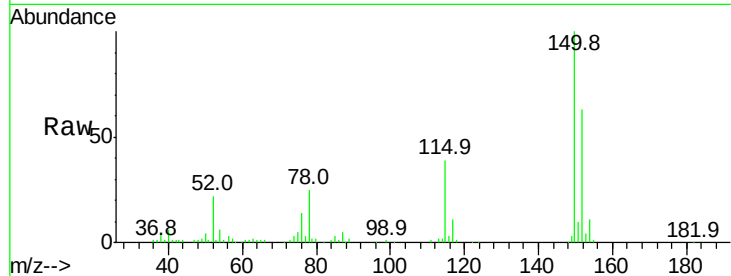
Tot Ion:152 Resp: 62363

Ion Ratio Lower Upper

152 100

150 159.2 126.6 189.8

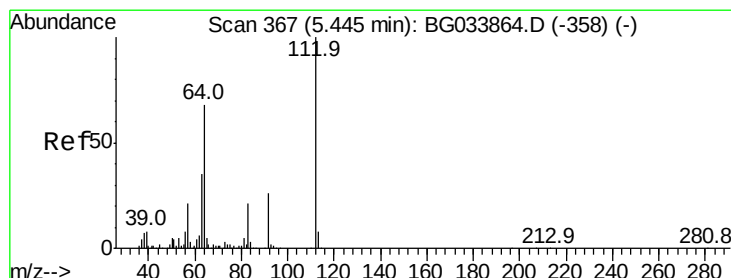
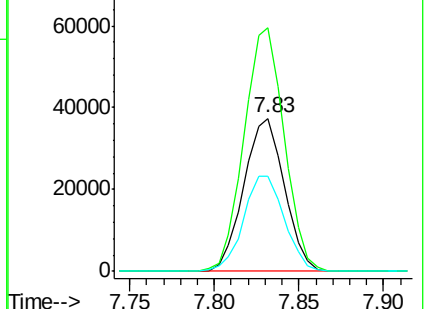
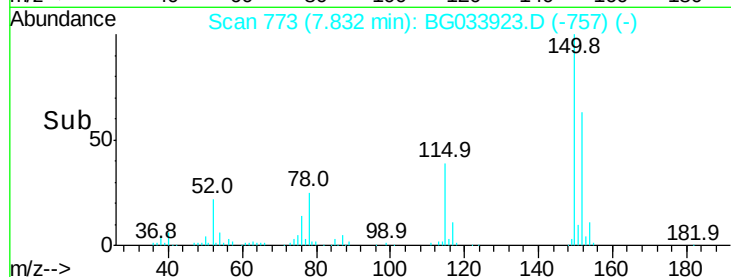
115 62.4 53.0 79.4



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: 43.775 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.00 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

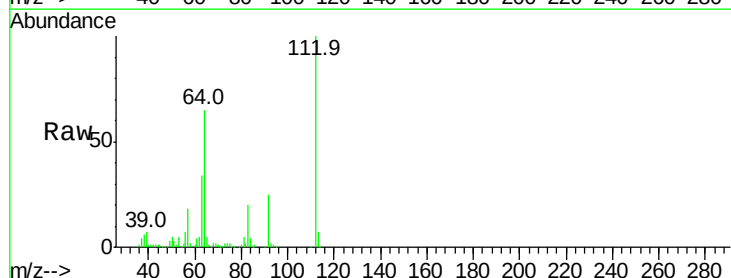
Tgt Ion:112 Resp: 170992

Ion Ratio Lower Upper

112 100

64 65.2 56.3 84.5

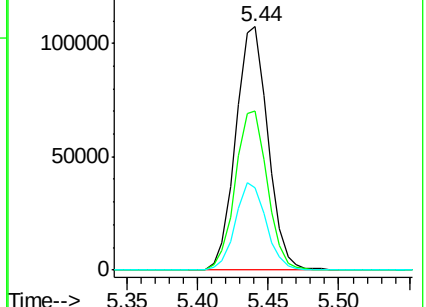
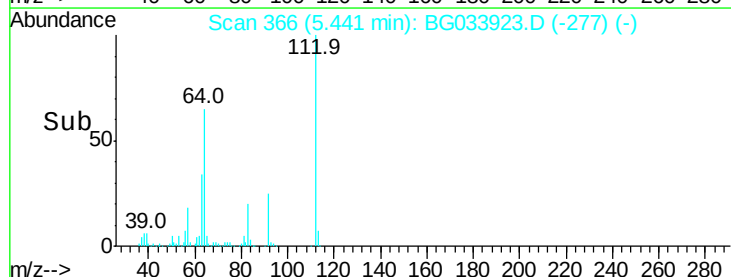
63 33.6 30.1 45.1

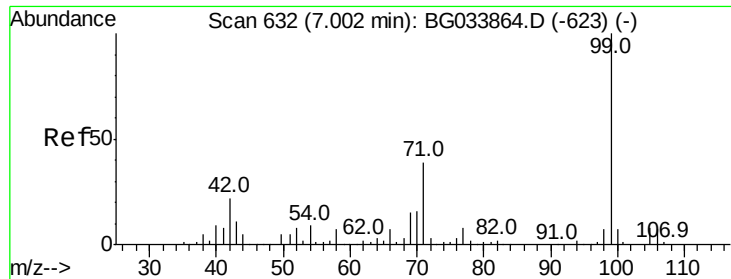


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 24.908 ng

RT: 6.99 min Scan# 630

Delta R.T. -0.01 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

Instrument :

BNA_G

ClientSampleId :

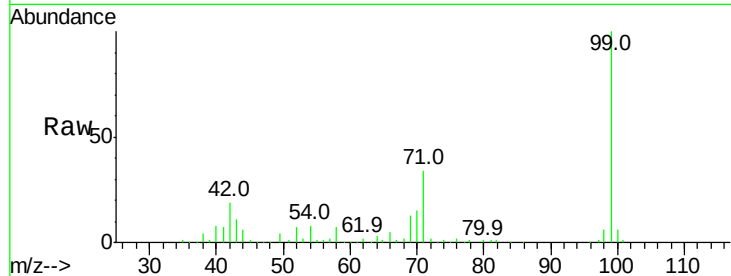
Tot Ion: 99 Resp: 141911

Ion Ratio Lower Upper

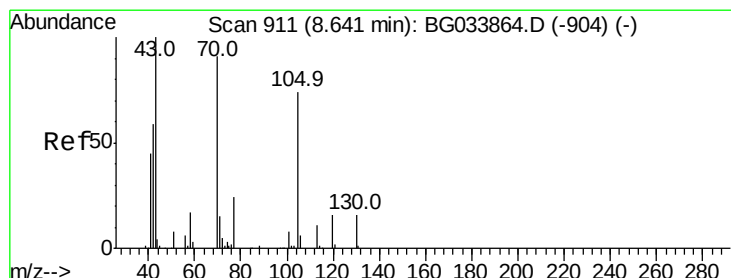
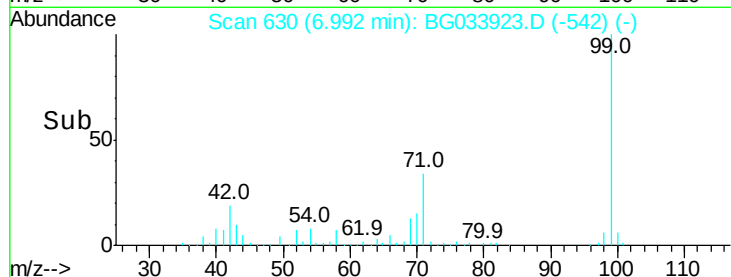
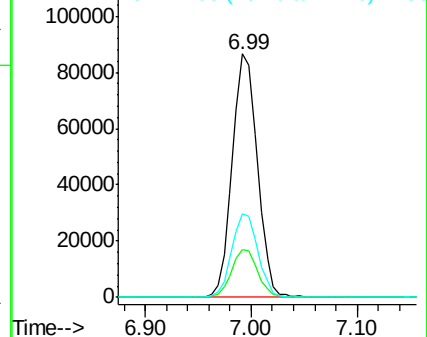
99 100

42 19.4 14.1 21.1

71 34.3 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: 14.101 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.34 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

Tgt Ion: 70 Resp: 68482

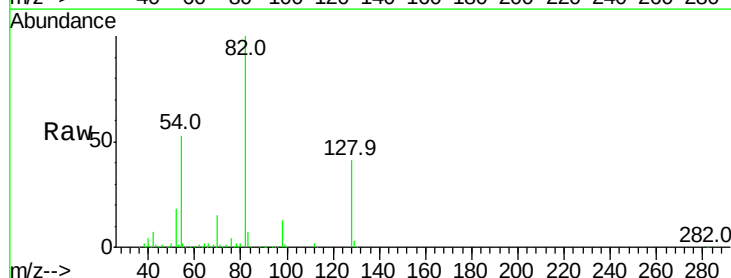
Ion Ratio Lower Upper

70 100

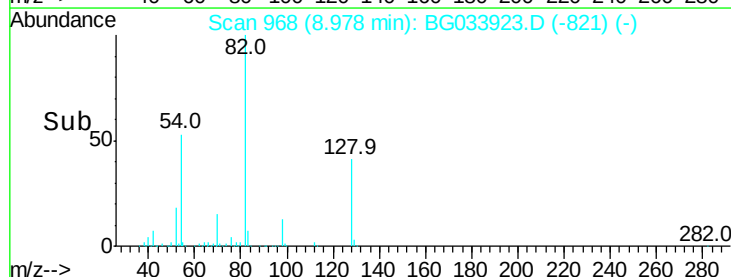
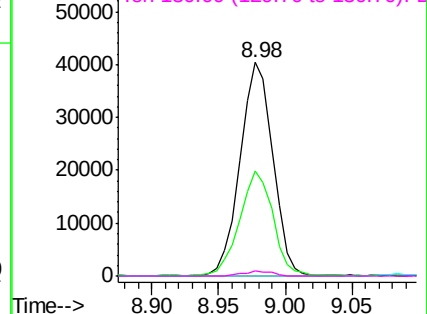
42 49.0 49.1 73.7#

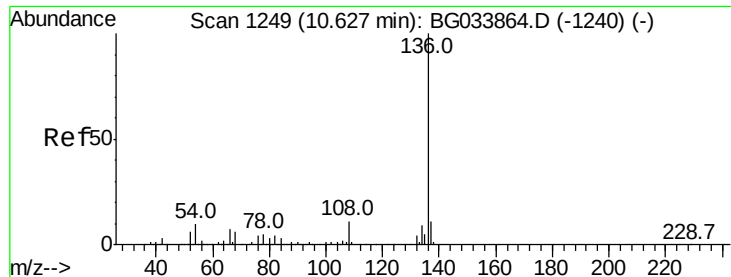
101 0.0 8.5 12.7#

130 2.5 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

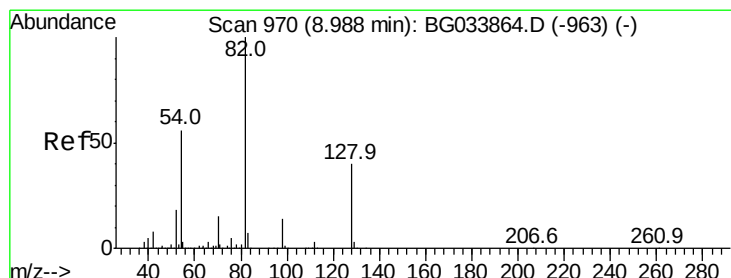
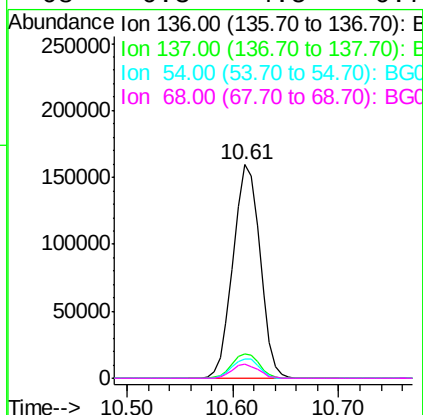
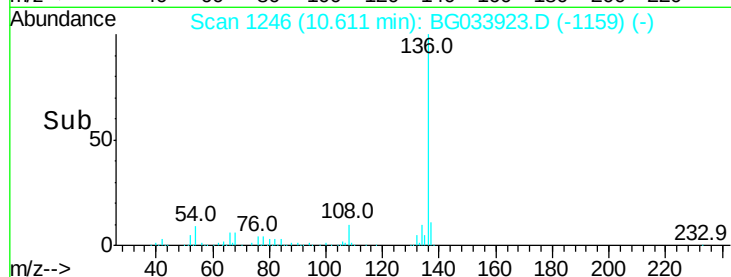
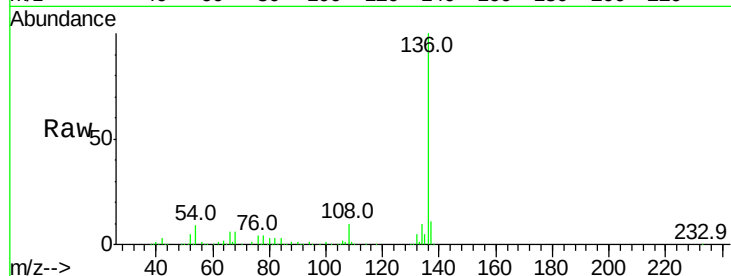




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033923.D
Acq: 23 Apr 2018 16:33

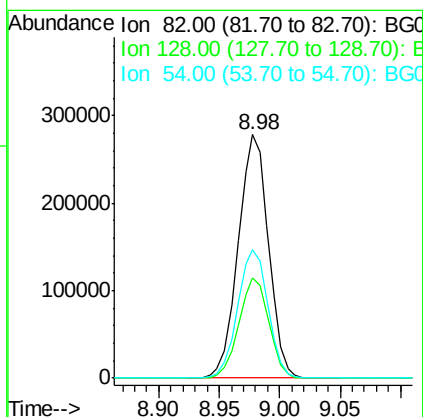
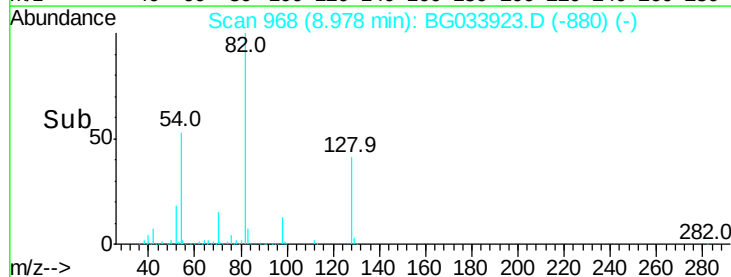
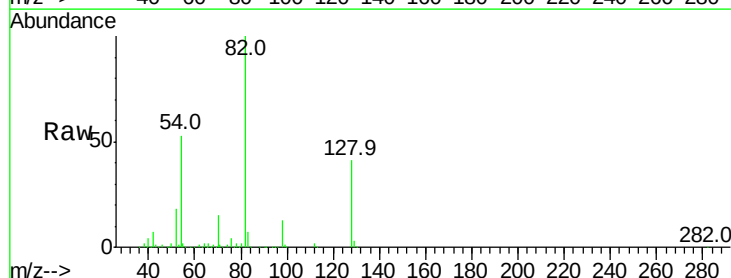
Instrument :
BNA_G
ClientSampled :

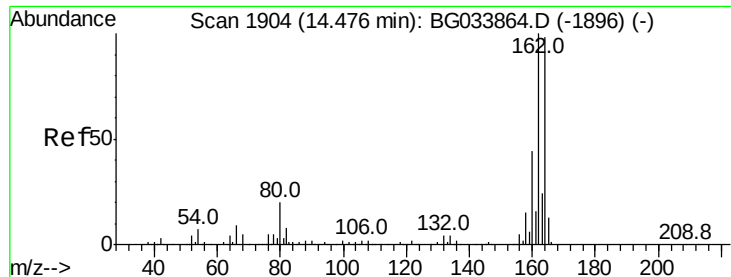
Tot Ion:	136	Resp:	281264
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.7	10.3	15.5#
68	6.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 98.258 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033923.D
Acq: 23 Apr 2018 16:33

Tgt Ion:	82	Resp:	485618
Ion	Ratio	Lower	Upper
82	100		
128	41.0	29.7	44.5
54	52.8	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

Instrument :

BNA_G

ClientSampleId :

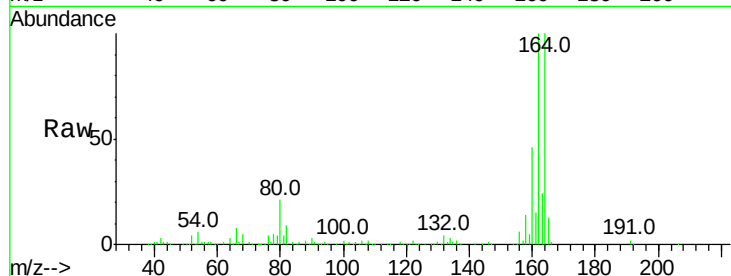
Tot Ion:164 Resp: 197902

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

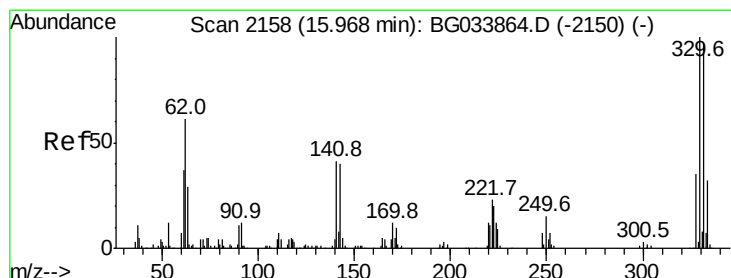
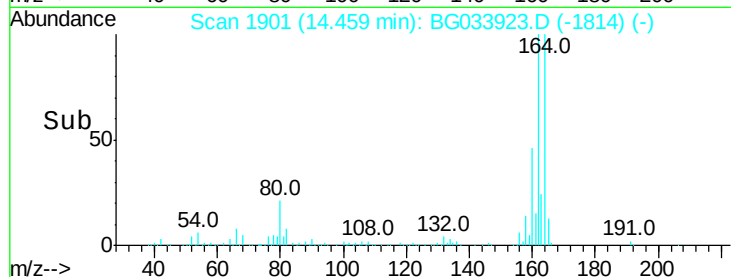
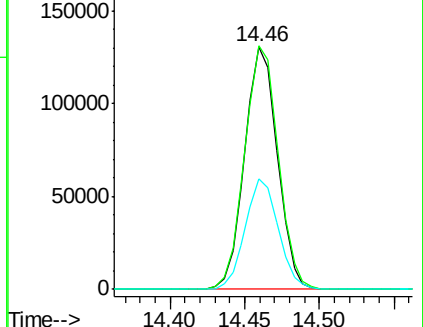
160 45.6 35.4 53.0



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: 110.713 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

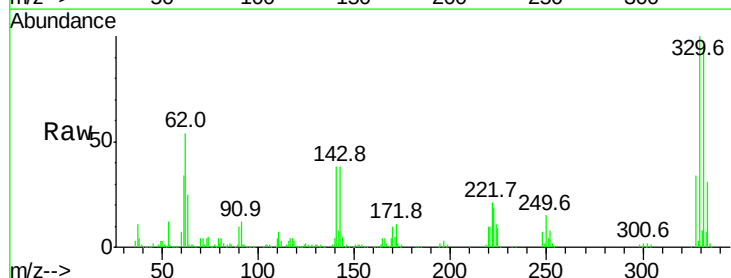
Tgt Ion:330 Resp: 255620

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

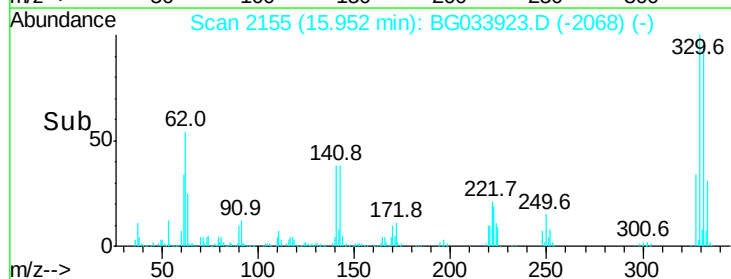
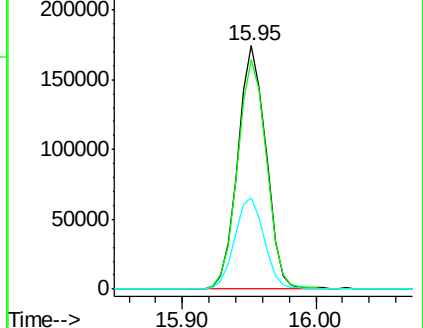
141 39.3 25.2 37.8#

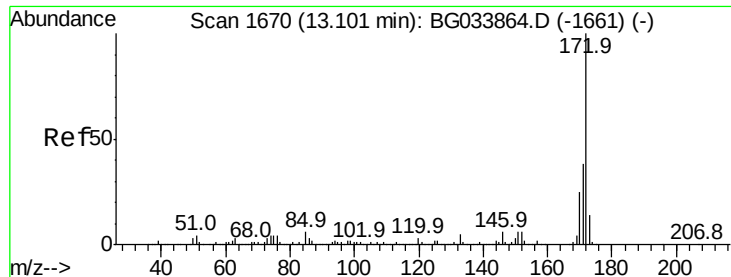


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

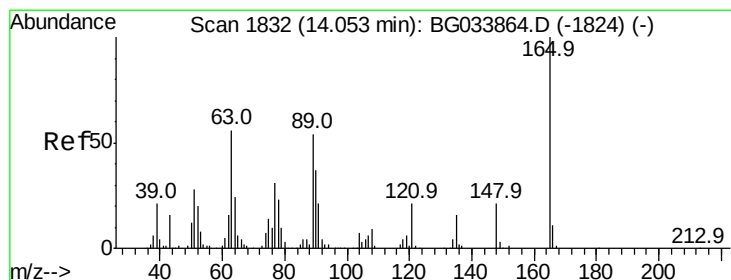
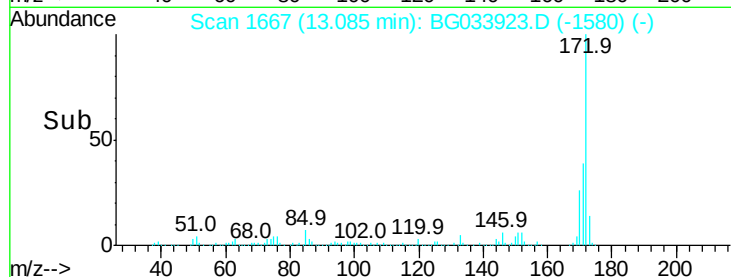
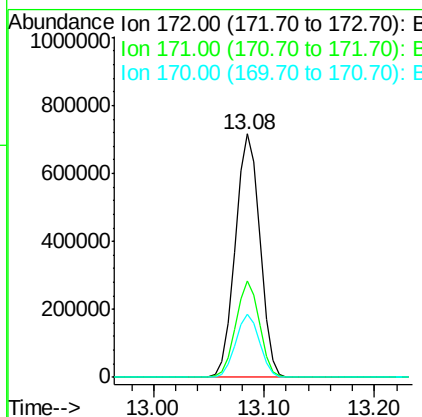
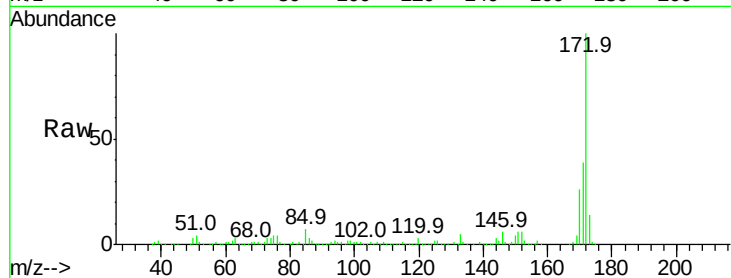




#44
2-Fluorobiphenyl
Concen: 83.358 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033923.D
Acq: 23 Apr 2018 16:33

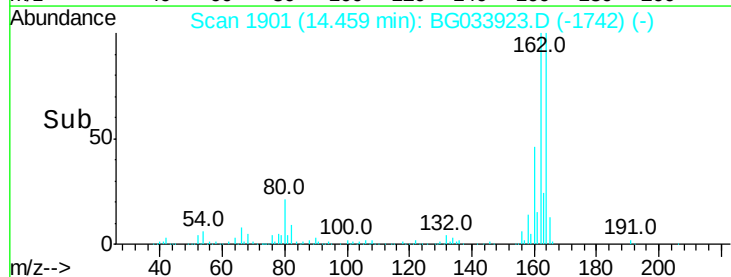
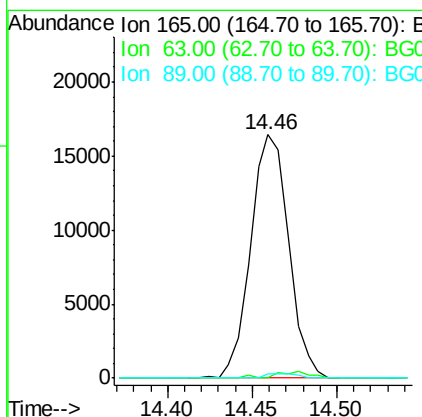
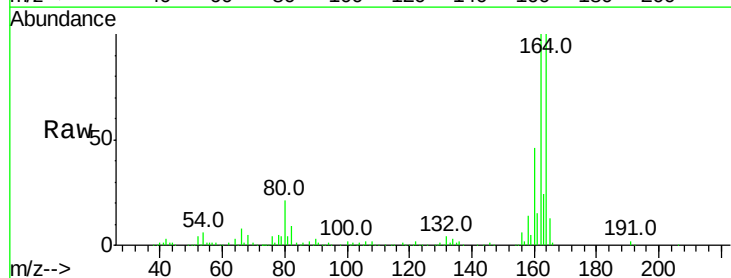
Instrument :
BNA_G
ClientSampleId :

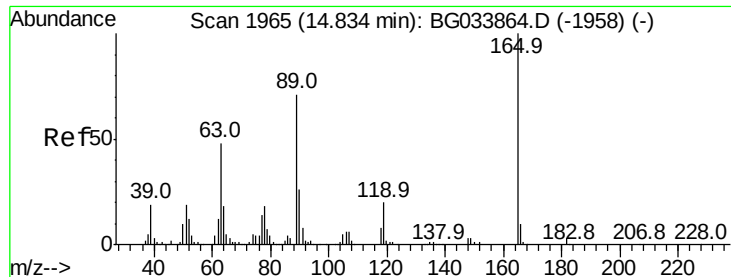
Tot Ion:172 Resp: 1122967
Ion Ratio Lower Upper
172 100
171 39.4 30.0 45.0
170 25.8 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.756 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.41 min
Lab File: BG033923.D
Acq: 23 Apr 2018 16:33

Tgt Ion:165 Resp: 25586
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.6 49.2 73.8#

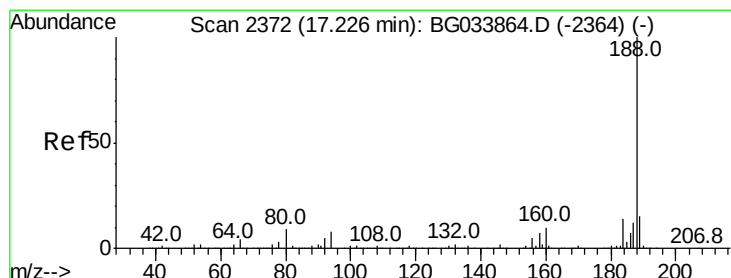
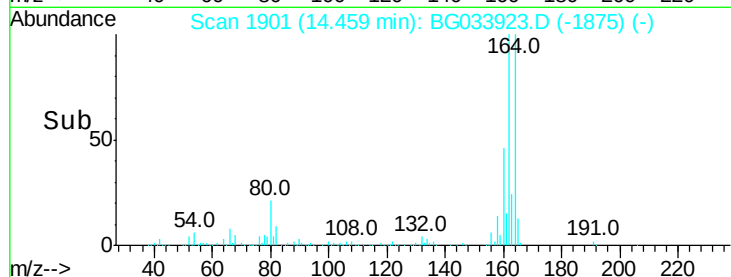
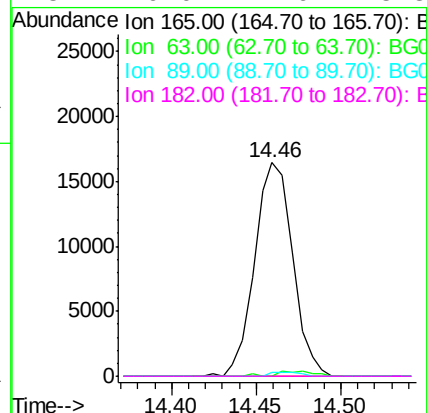
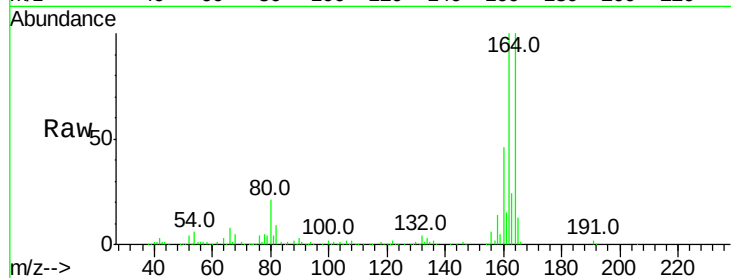




#56
 2,4-Dinitrotoluene
 Concen: 5.832 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.37 min
 Lab File: BG033923.D
 Acq: 23 Apr 2018 16:33

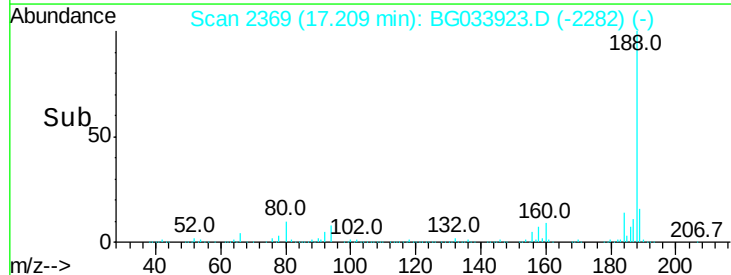
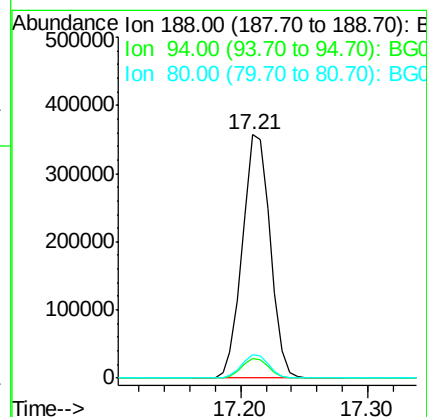
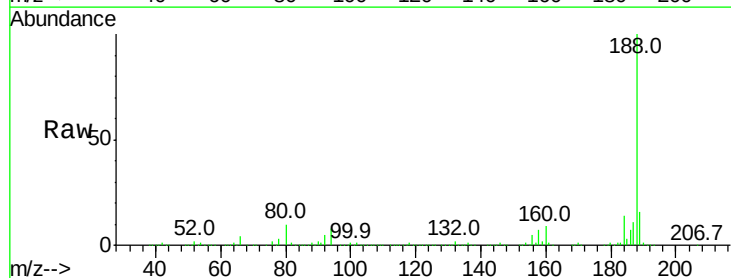
Instrument :
 BNA_G
 ClientSampled :

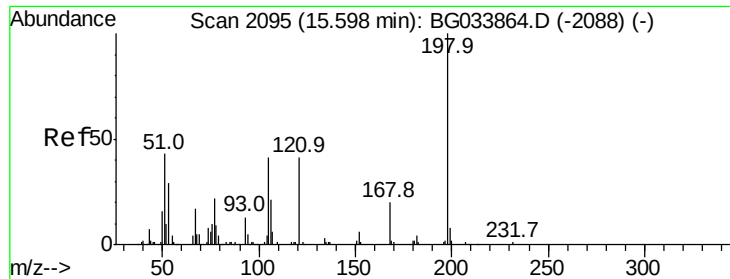
Tot Ion:165 Resp: 25586
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.6 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG033923.D
 Acq: 23 Apr 2018 16:33

Tgt Ion:188 Resp: 540477
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.9 10.3
 80 9.6 7.7 11.5

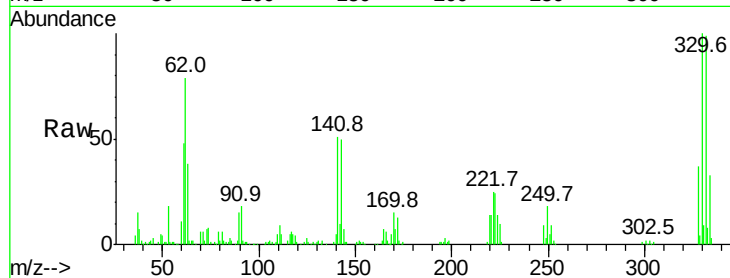




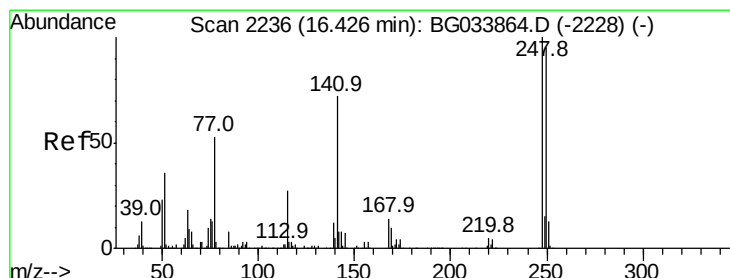
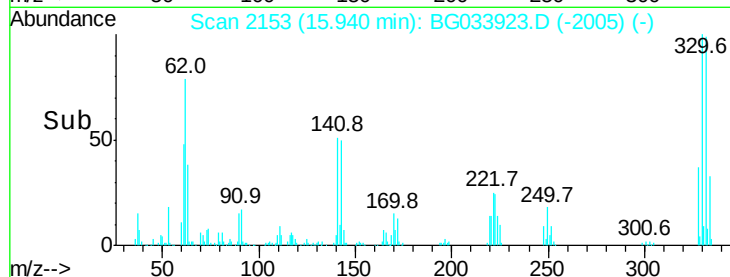
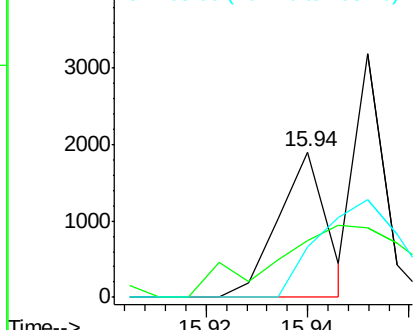
#64
4,6-Dinitro-2-methylphenol
Concen: 6.906 ng
RT: 15.94 min Scan# 2153
Delta R.T. 0.34 min
Lab File: BG033923.D
Acq: 23 Apr 2018 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 1253
Ion Ratio Lower Upper
198 100
51 39.1 30.6 70.6
105 34.9 23.8 63.8

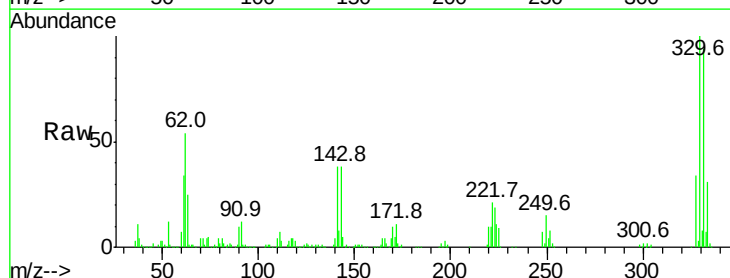


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

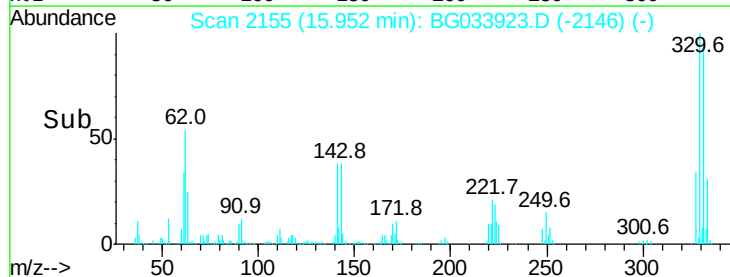
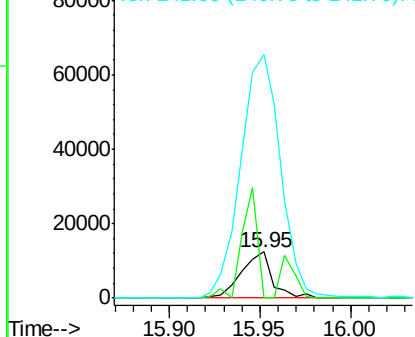


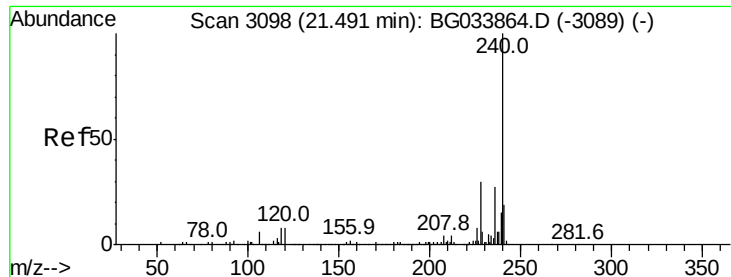
#66
4-Bromophenyl-phenylether
Concen: 2.492 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.47 min
Lab File: BG033923.D
Acq: 23 Apr 2018 16:33

Tgt Ion:248 Resp: 14791
Ion Ratio Lower Upper
248 100
250 40.5 77.1 115.7#
141 412.3 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# 3094

Delta R.T. -0.02 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

Instrument :

BNA_G

ClientSampleId :

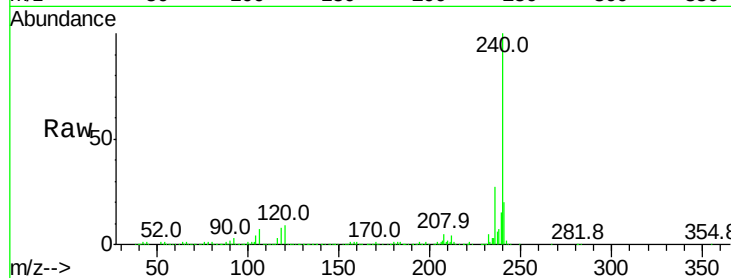
Tot Ion:240 Resp: 557769

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

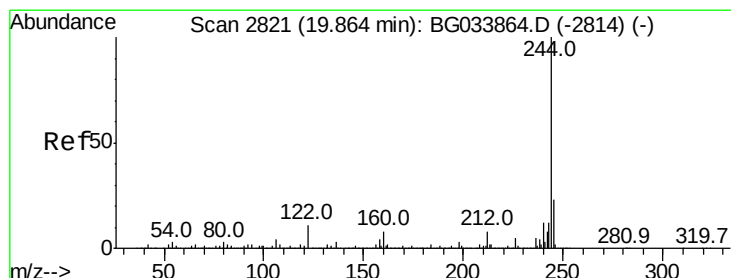
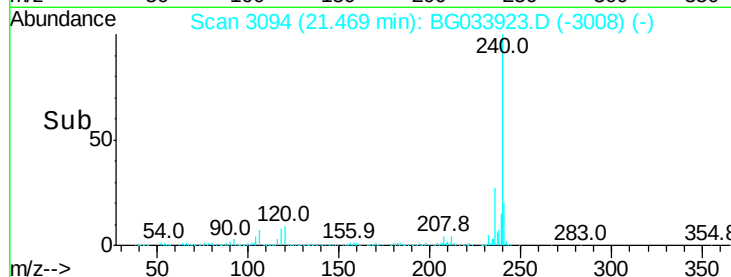
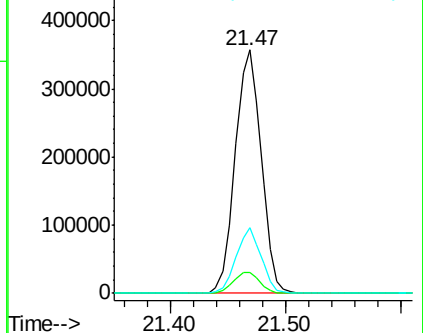
236 26.8 20.9 31.3



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



#78

Terphenyl-d14

Concen: 75.509 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

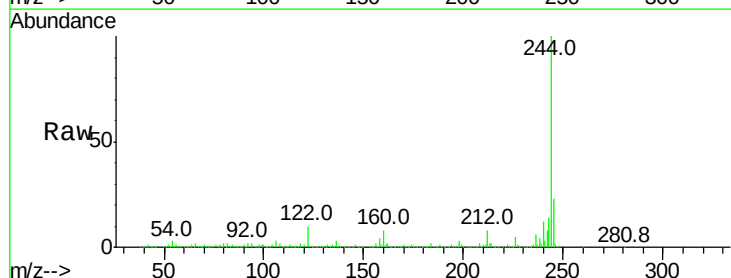
Tgt Ion:244 Resp: 1874681

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

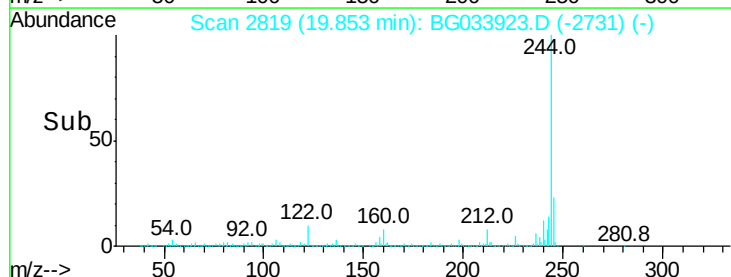
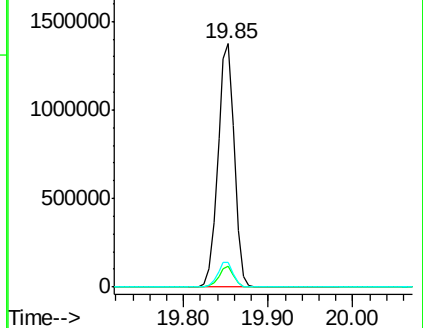
122 10.1 7.0 10.4

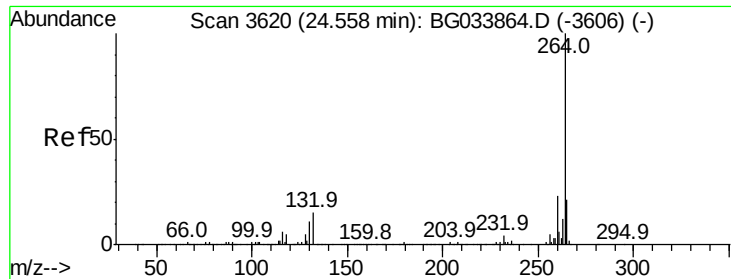


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

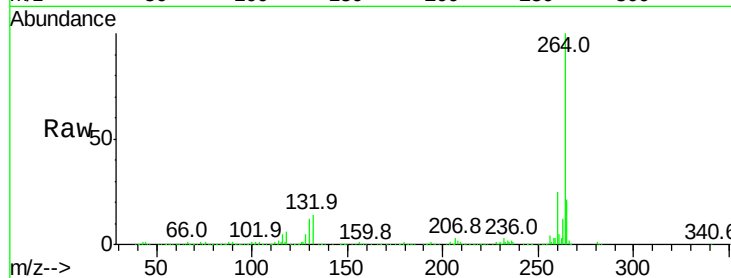




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.53 min Scan# 3615
Delta R.T. -0.03 min
Lab File: BG033923.D
Acq: 23 Apr 2018 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.4	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

