

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031921.D
 Acq On : 4 Jan 2018 18:44
 Operator : SJ/JU
 Sample : J1025-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 03:12:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

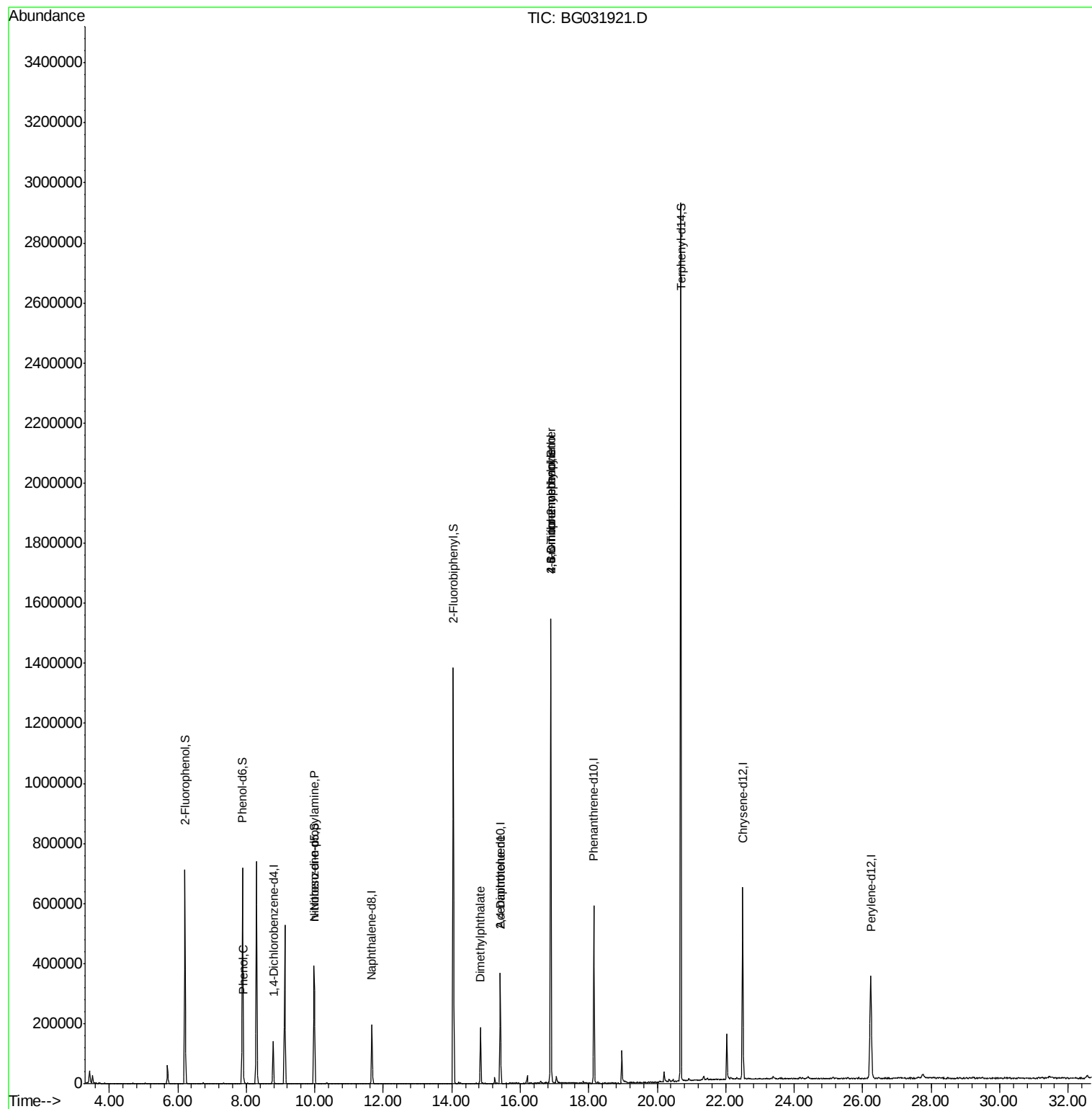
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	49751	20.00	ng	-0.01
21) Naphthalene-d8	11.67	136	201989	20.00	ng	-0.01
38) Acenaphthene-d10	15.42	164	149139	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	404934	20.00	ng	-0.01
75) Chrysene-d12	22.50	240	477596	20.00	ng	-0.01
86) Perylene-d12	26.23	264	469143	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	389490	142.59	ng	0.00
7) Phenol-d6	7.89	99	499010	140.71	ng	0.00
23) Nitrobenzene-d5	9.99	82	266167	99.50	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	369102	162.20	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	836291	70.38	ng	0.00
78) Terphenyl-d14	20.69	244	1613096	77.16	ng	0.00
Target Compounds						
10) Phenol	7.92	94	20677	5.775	ng	92
19) n-Nitroso-di-n-propylamine	9.98	70	35317	14.582	ng	# 69
49) Dimethylphthalate	14.84	163	142262	10.828	ng	98
56) 2,4-Dinitrotoluene	15.42	165	19214	6.182	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.89	198	875	8.673	ng	# 29
66) 4-Bromophenyl-phenylether	16.89	248	29819	5.092	ng	# 1

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

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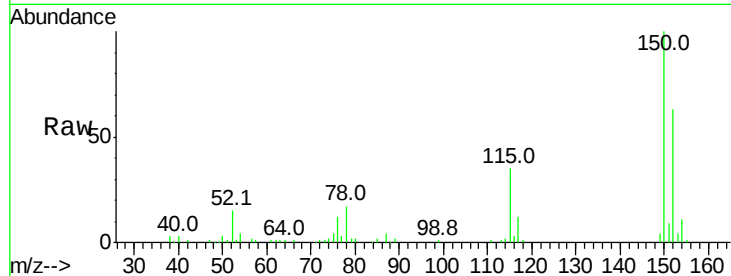


#1

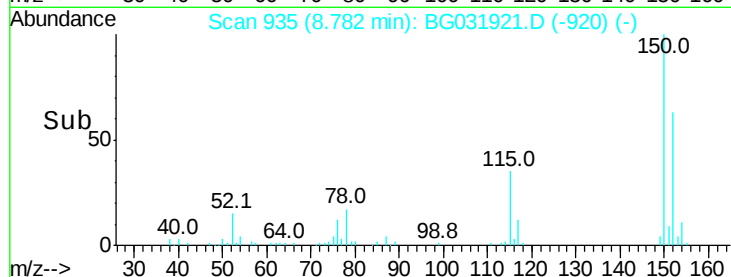
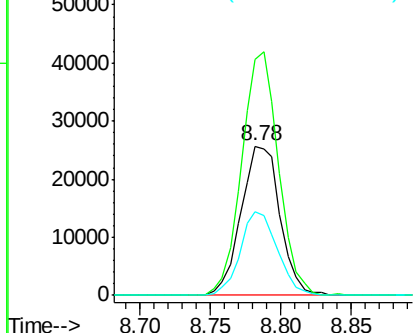
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031921.D
Acq: 4 Jan 2018 18:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 49751
Ion Ratio Lower Upper
152 100
150 158.2 126.6 189.8
115 55.8 53.0 79.4



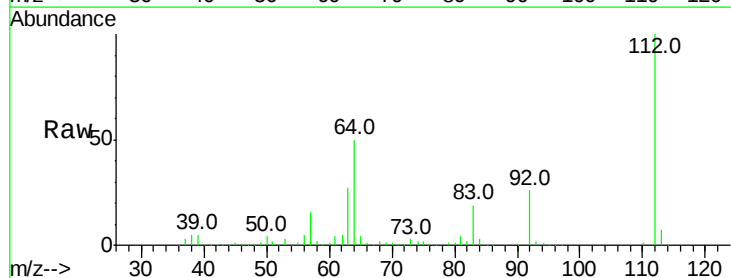
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



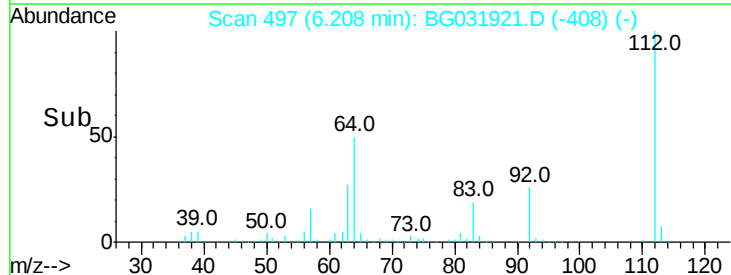
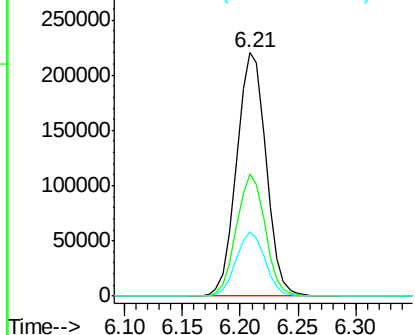
#5

2-Fluorophenol
Concen: 142.592 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031921.D
Acq: 4 Jan 2018 18:44

Tgt Ion:112 Resp: 389490
Ion Ratio Lower Upper
112 100
64 50.1 56.3 84.5#
63 26.7 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: 140.710 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031921.D

Acq: 4 Jan 2018 18:44

Instrument :

BNA_G

ClientSampleId :

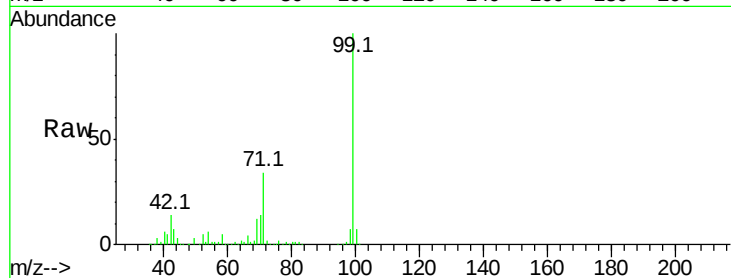
Tot Ion: 99 Resp: 499010

Ion Ratio Lower Upper

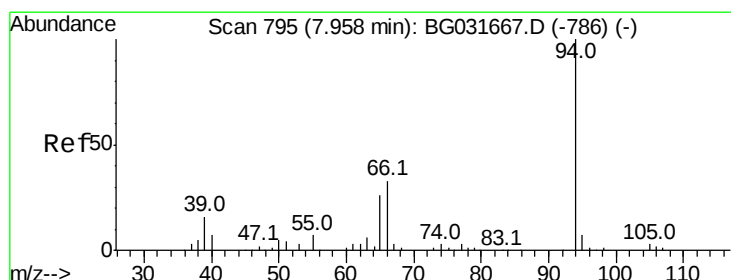
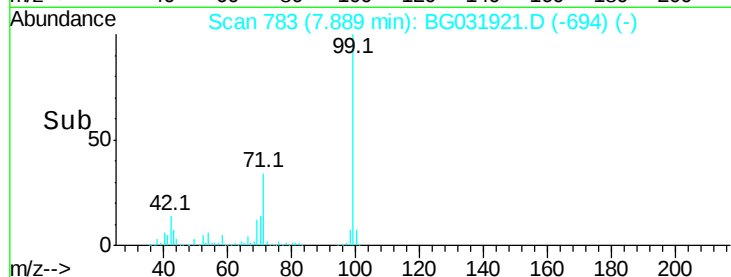
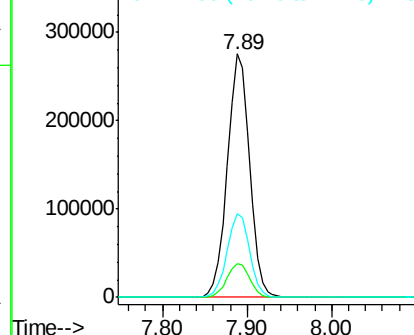
99 100

42 13.8 14.1 21.1#

71 34.1 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



#10

Phenol

Concen: 5.775 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031921.D

Acq: 4 Jan 2018 18:44

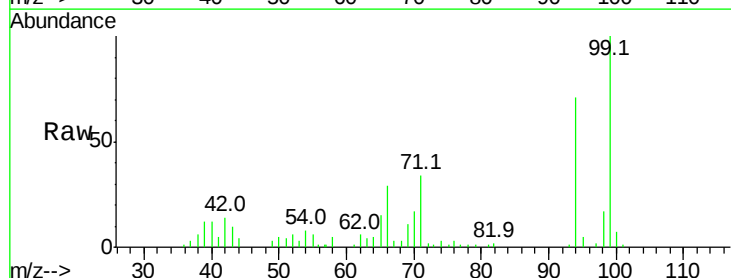
Tgt Ion: 94 Resp: 20677

Ion Ratio Lower Upper

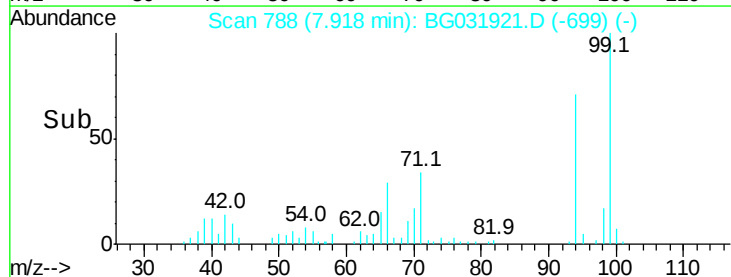
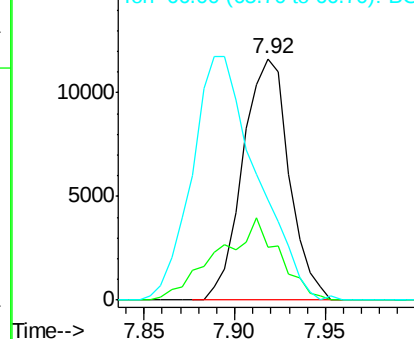
94 100

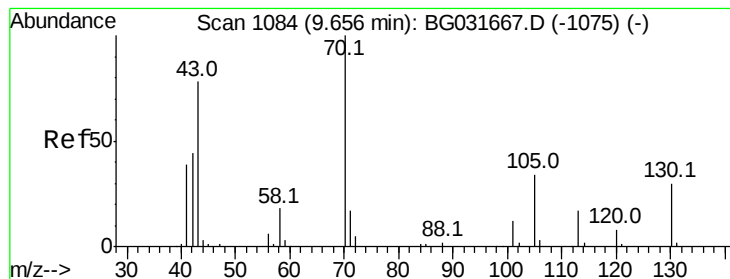
65 21.8 11.9 51.9

66 41.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 14.582 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.38 min

Lab File: BG031921.D

Acq: 4 Jan 2018 18:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 35317

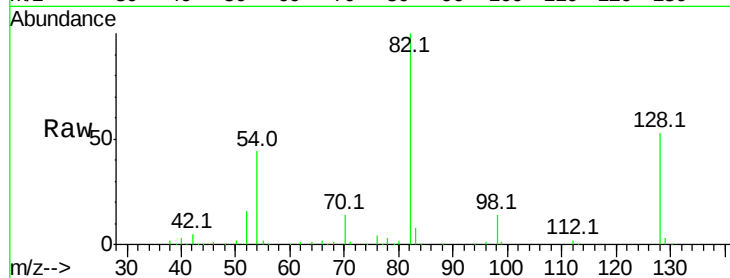
Ion Ratio Lower Upper

70 100

42 37.9 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

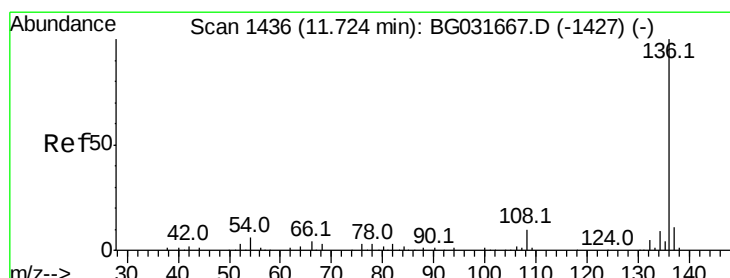
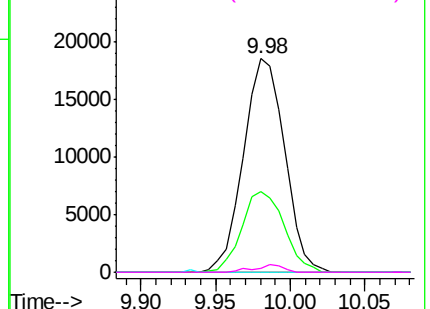
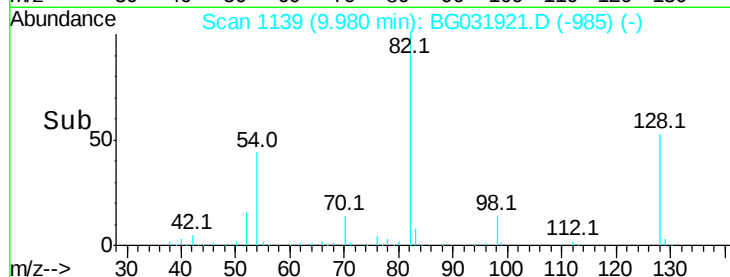


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031921.D

Acq: 4 Jan 2018 18:44

Tgt Ion: 136 Resp: 201989

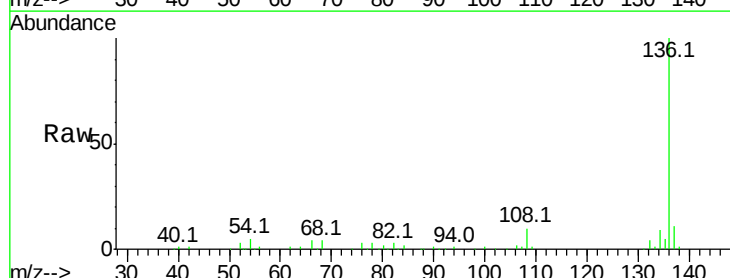
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 4.8 10.3 15.5#

68 3.6 4.5 6.7#

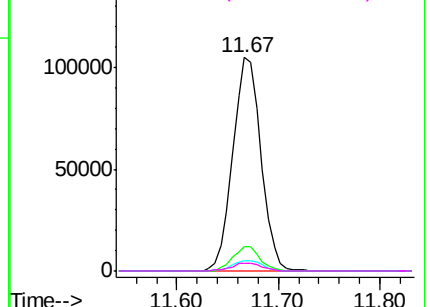
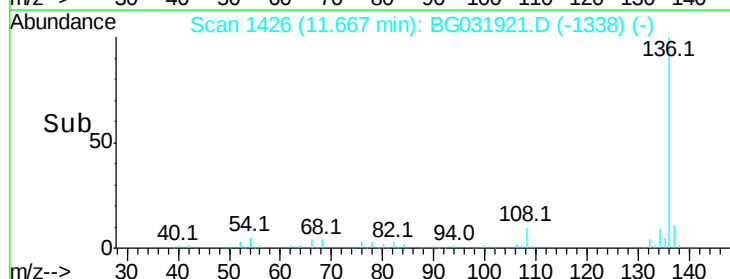


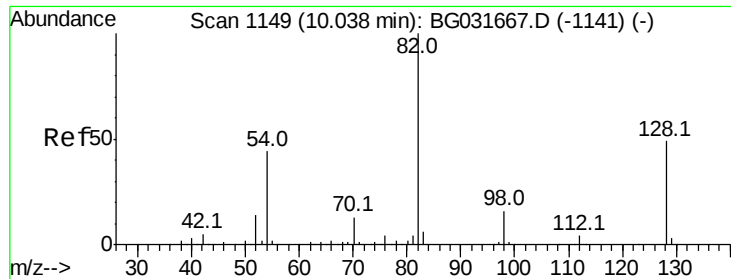
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

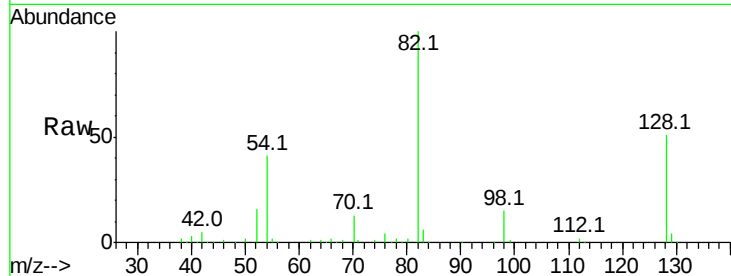




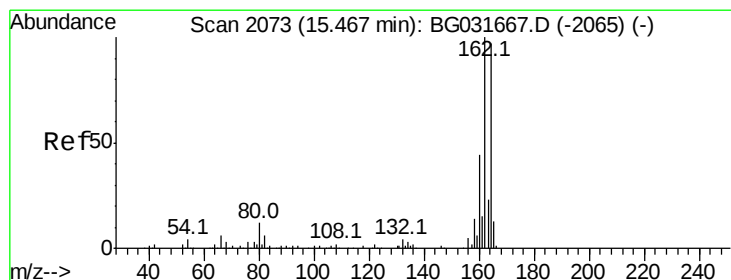
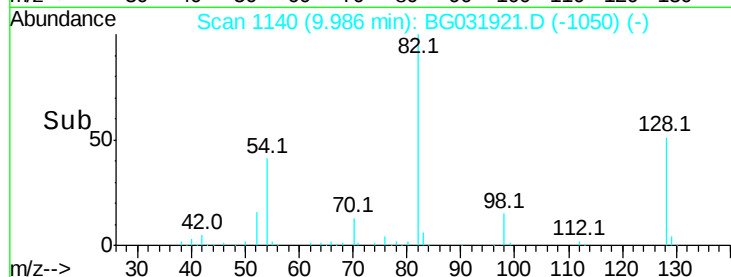
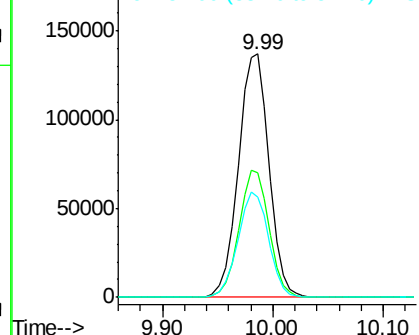
#23
 Nitrobenzene-d5
 Concen: 99.505 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BG031921.D
 Acq: 4 Jan 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 266167
 Ion Ratio Lower Upper
 82 100
 128 51.3 29.7 44.5#
 54 41.3 43.1 64.7#

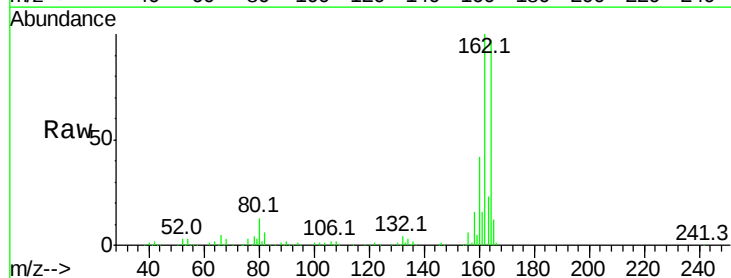


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

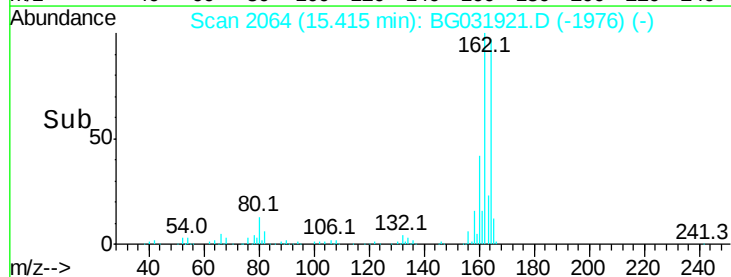
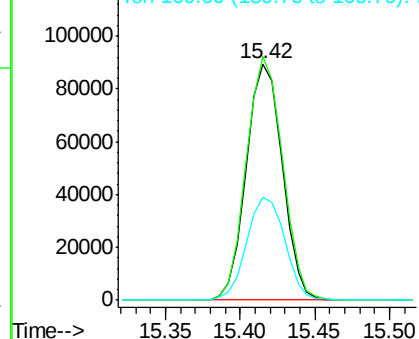


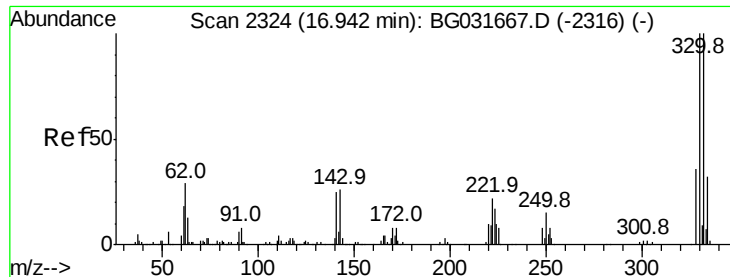
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031921.D
 Acq: 4 Jan 2018 18:44

Tgt Ion:164 Resp: 149139
 Ion Ratio Lower Upper
 164 100
 162 103.0 78.8 118.2
 160 43.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

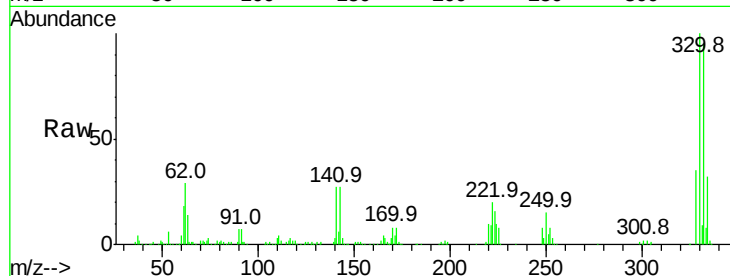




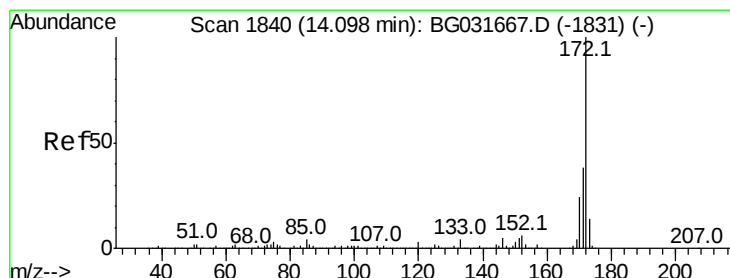
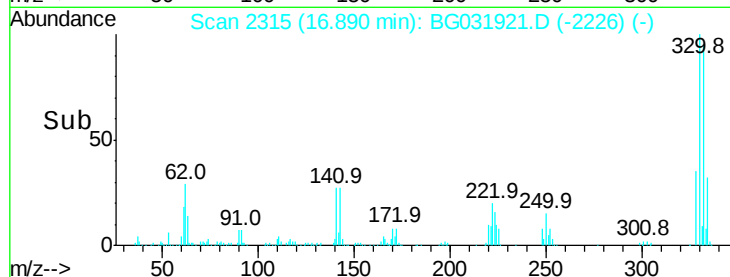
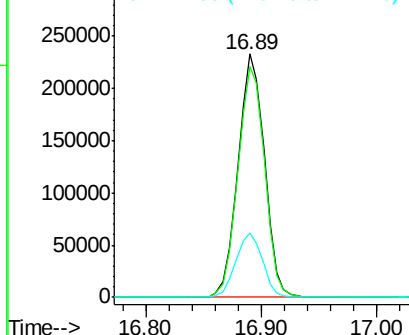
#41
 2,4,6-Tribromophenol
 Concen: 162.196 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031921.D
 Acq: 4 Jan 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	26.8	25.2	37.8

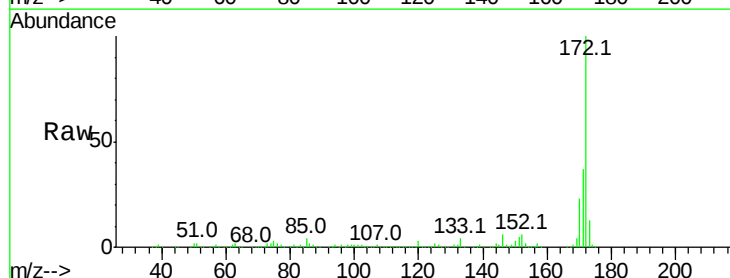


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

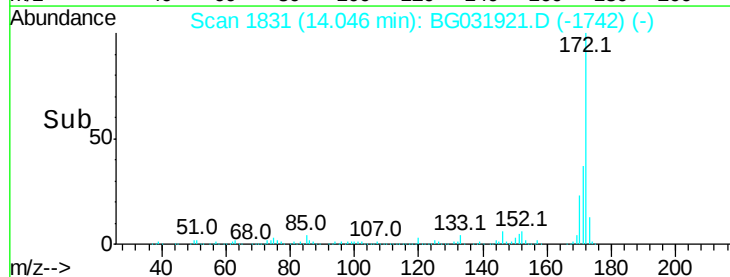
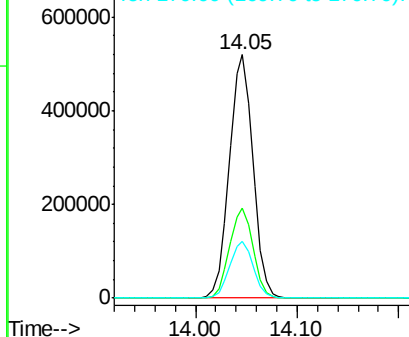


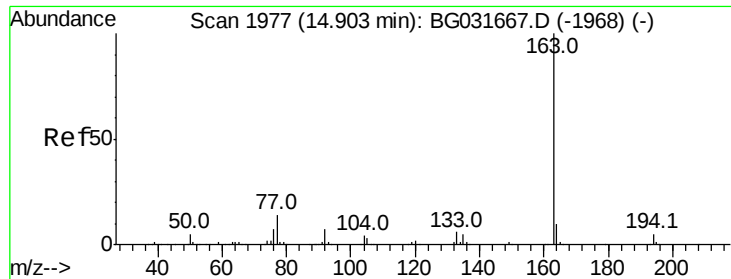
#44
 2-Fluorobiphenyl
 Concen: 70.381 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031921.D
 Acq: 4 Jan 2018 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.1	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: 10.828 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG031921.D

Acq: 4 Jan 2018 18:44

Instrument :

BNA_G

ClientSampleId :

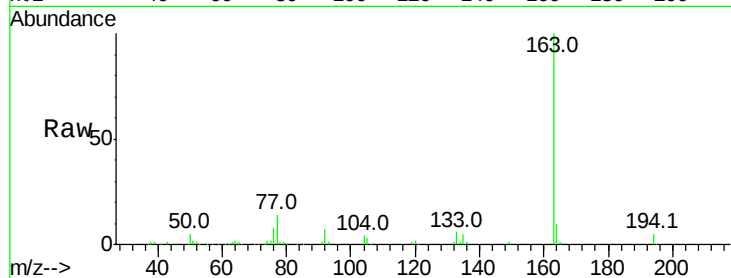
Tot Ion:163 Resp: 142262

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

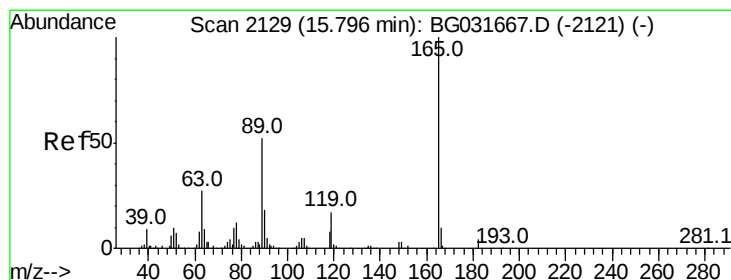
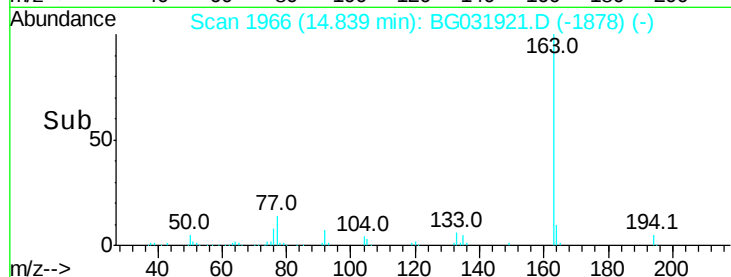
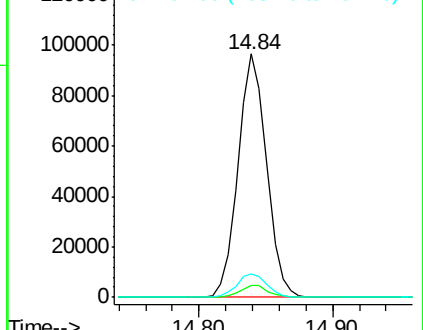
164 9.8 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.182 ng

RT: 15.42 min Scan# 2064

Delta R.T. -0.34 min

Lab File: BG031921.D

Acq: 4 Jan 2018 18:44

Tgt Ion:165 Resp: 19214

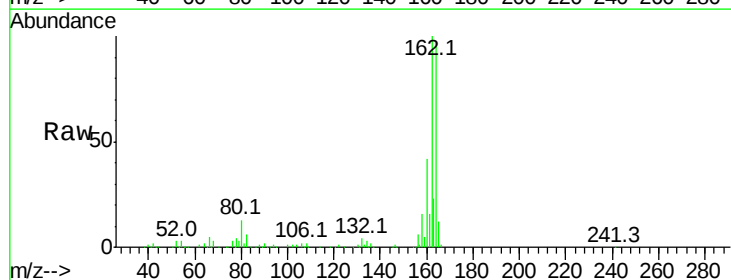
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.0 66.9 100.3#

182 0.0 2.6 3.8#

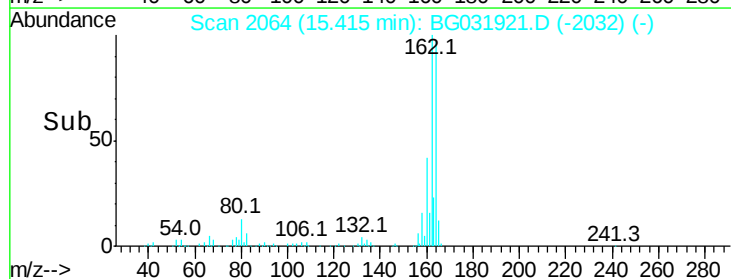
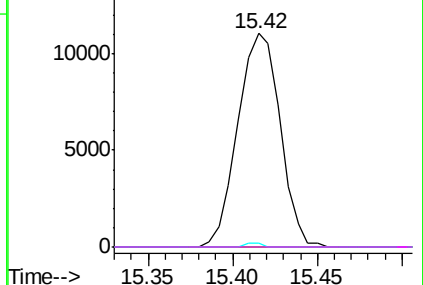


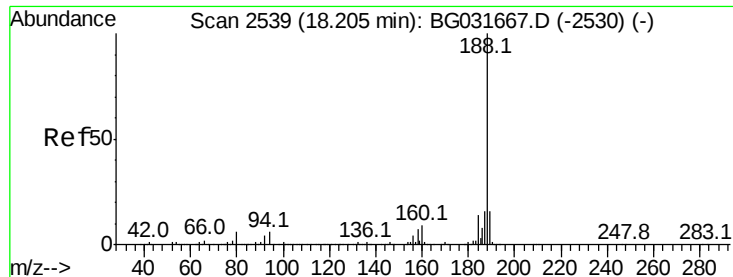
Abundance Ion 165.00 (164.70 to 165.70): E

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

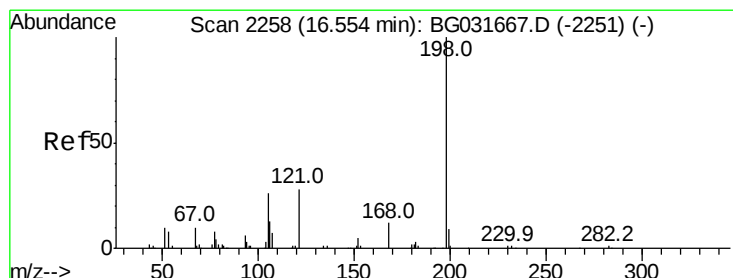
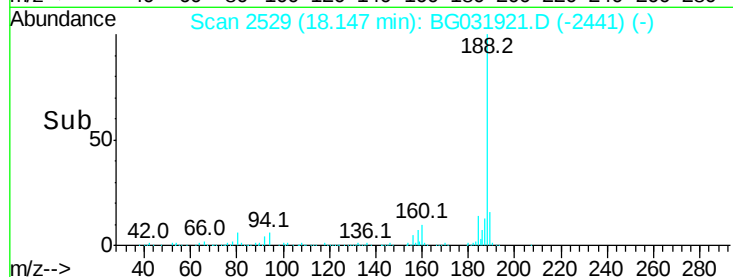
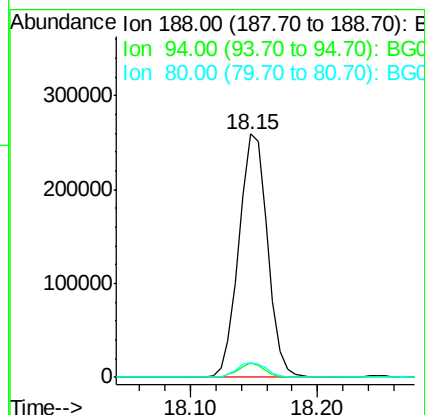
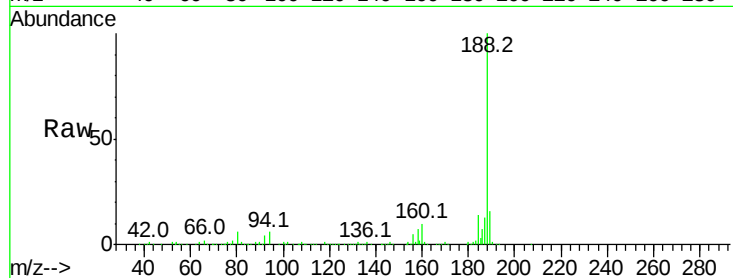




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031921.D
 Acq: 4 Jan 2018 18:44

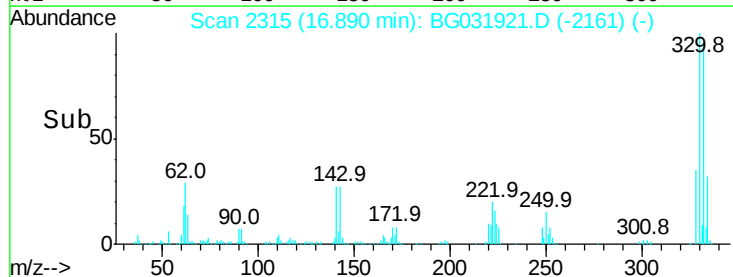
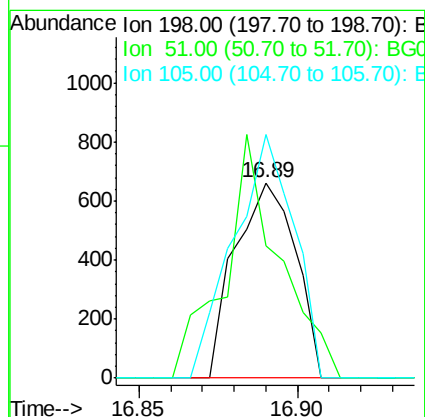
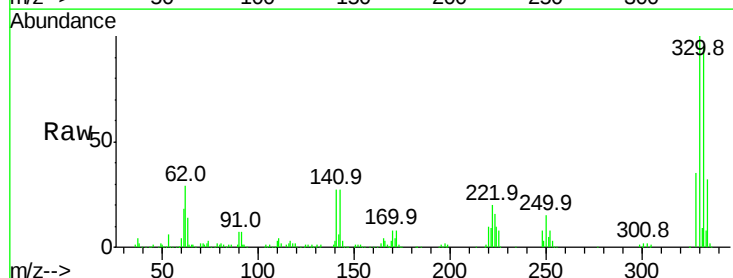
Instrument :
 BNA_G
 ClientSampleId :

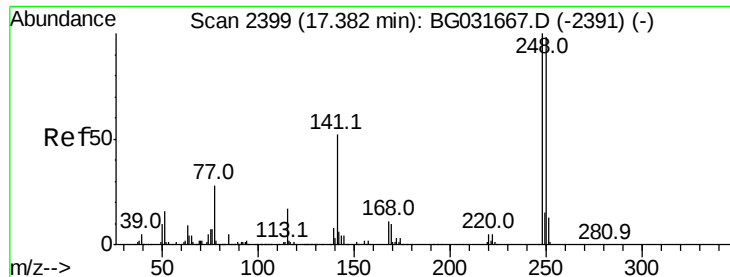
Tot Ion:188 Resp: 404934
 Ion Ratio Lower Upper
 188 100
 94 6.2 6.9 10.3#
 80 6.1 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.673 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. 0.38 min
 Lab File: BG031921.D
 Acq: 4 Jan 2018 18:44

Tgt Ion:198 Resp: 875
 Ion Ratio Lower Upper
 198 100
 51 67.5 30.6 70.6
 105 124.6 23.8 63.8#

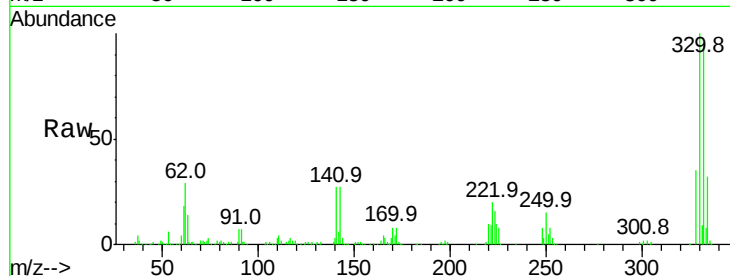




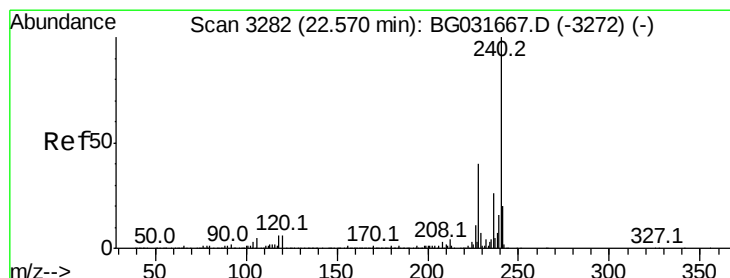
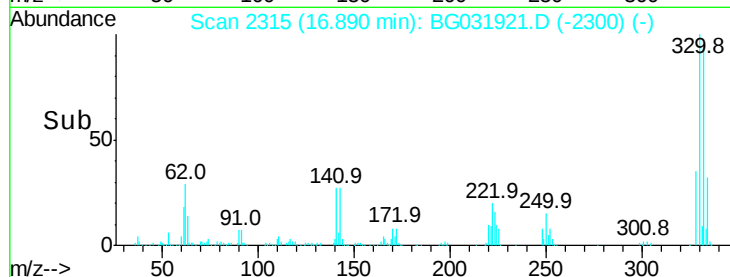
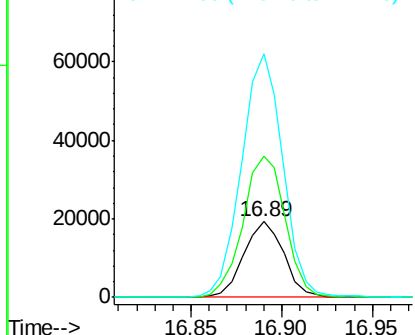
#66
4-Bromophenyl-phenylether
Concen: 5.092 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.44 min
Lab File: BG031921.D
Acq: 4 Jan 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 29819
Ion Ratio Lower Upper
248 100
250 186.6 77.1 115.7#
141 322.4 50.8 76.2#

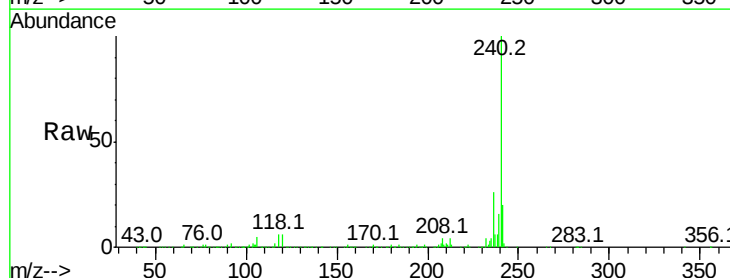


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

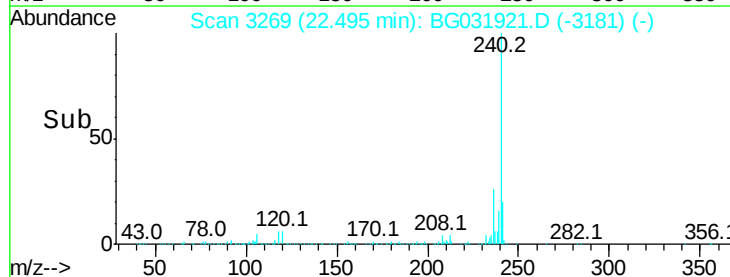
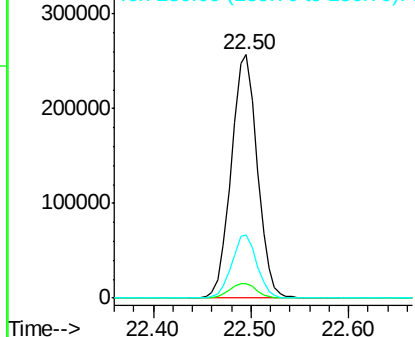


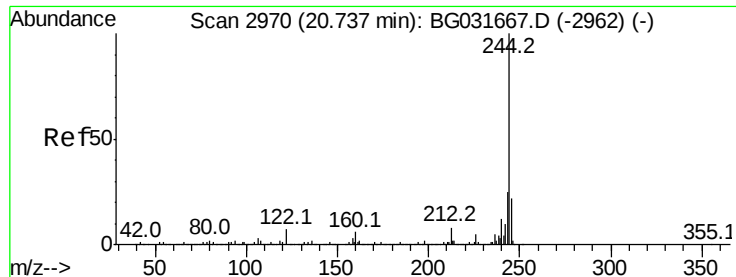
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.50 min Scan# 3269
Delta R.T. -0.01 min
Lab File: BG031921.D
Acq: 4 Jan 2018 18:44

Tgt Ion:240 Resp: 477596
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 25.8 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

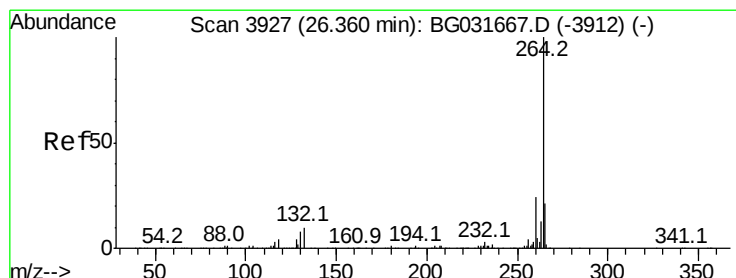
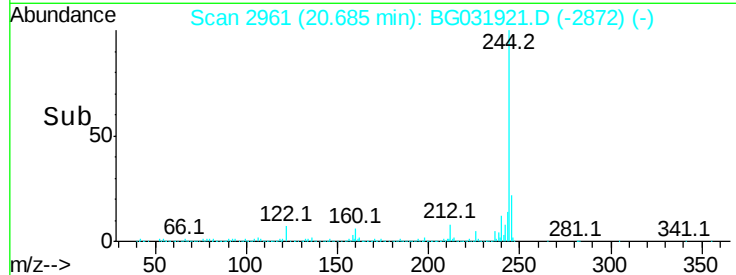
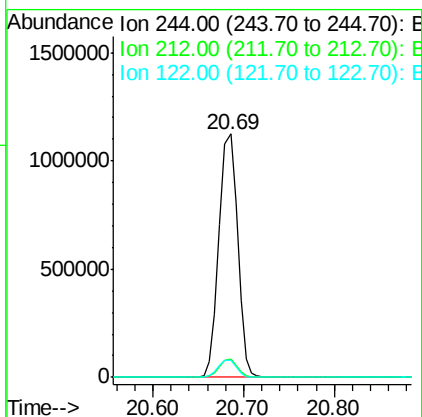
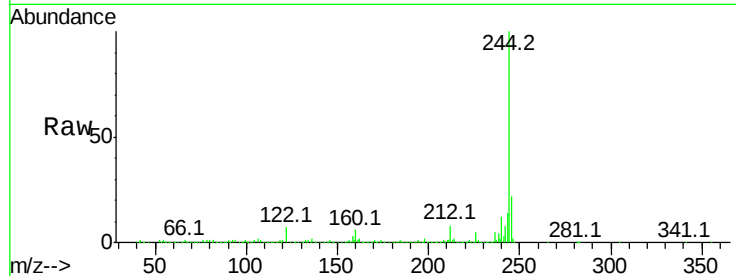




#78
 Terphenyl-d14
 Concen: 77.165 ng
 RT: 20.69 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BG031921.D
 Acq: 4 Jan 2018 18:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1613096
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.23 min Scan# 3905
 Delta R.T. -0.02 min
 Lab File: BG031921.D
 Acq: 4 Jan 2018 18:44

Tgt Ion:264 Resp: 469143
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 20.7 17.7 26.5

