

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033965.D
 Acq On : 24 Apr 2018 21:58
 Operator : SJ/JU
 Sample : J2512-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 00:03:22 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

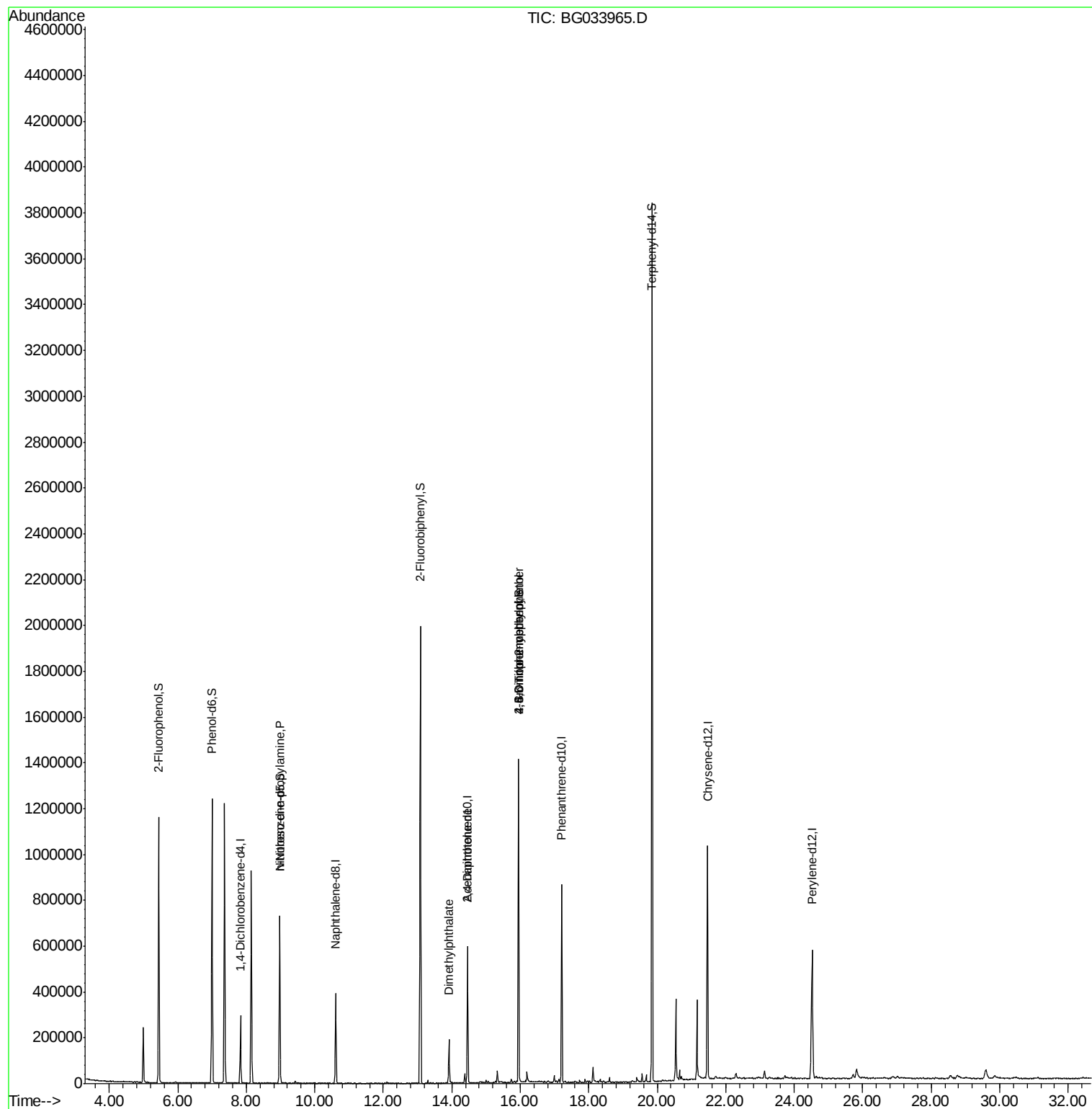
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	79397	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	338638	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	210630	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	523516	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	593774	20.00	ng	-0.03
86) Perylene-d12	24.52	264	605937	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	504203	101.39	ng	0.00
7) Phenol-d6	7.00	99	692761	95.51	ng	0.00
23) Nitrobenzene-d5	8.97	82	429023	72.10	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	249141	101.39	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1036823	72.31	ng	-0.02
78) Terphenyl-d14	19.84	244	1766147	66.82	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.00	77	1243	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.97	70	59263	9.585 ng	#	78
49) Dimethylphthalate	13.92	163	120350	6.496 ng	#	99
56) 2,4-Dinitrotoluene	14.46	165	27817	5.958 ng	#	19
64) 4,6-Dinitro-2-methylphenol	15.94	198	354	6.611 ng	#	77
66) 4-Bromophenyl-phenylether	15.94	248	15737	2.737 ng	#	1

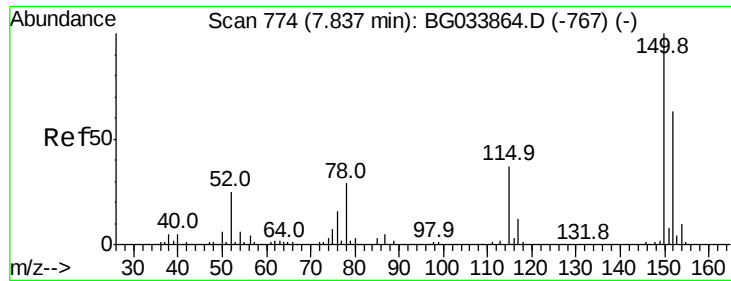
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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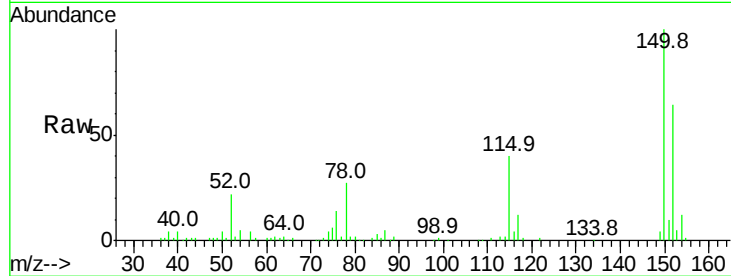


#1

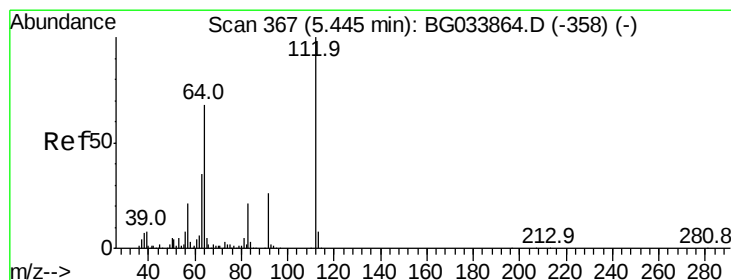
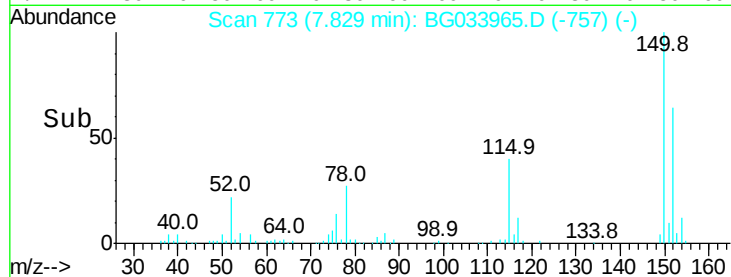
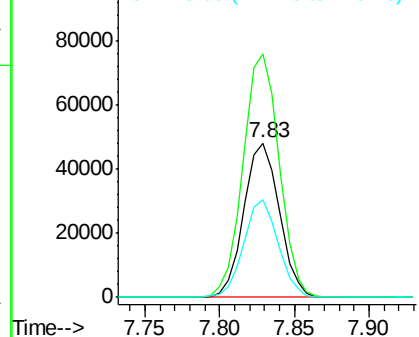
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033965.D
Acq: 24 Apr 2018 21:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 79397
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 62.8 53.0 79.4



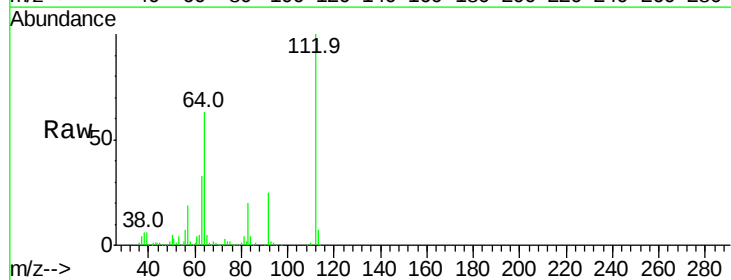
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



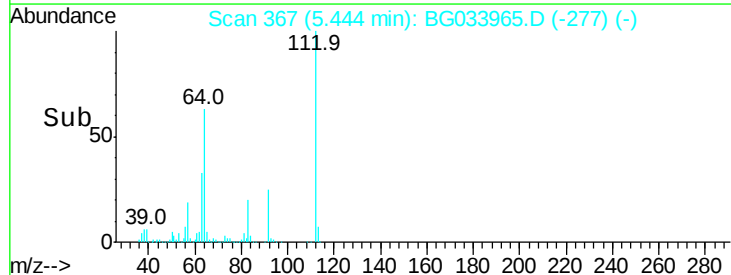
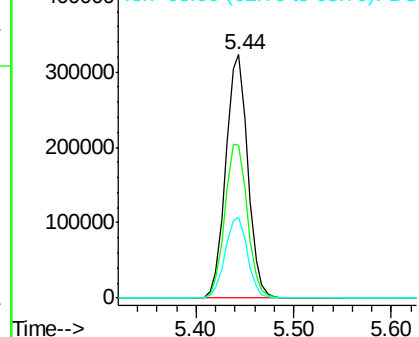
#5

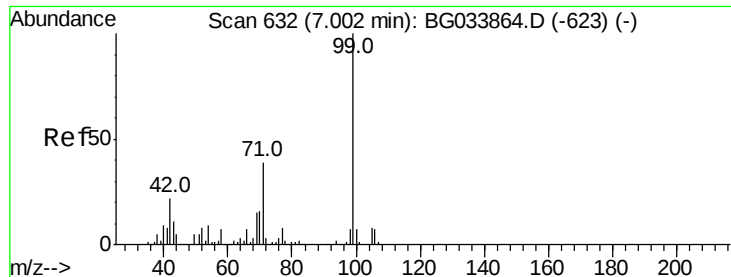
2-Fluorophenol
Concen: 101.386 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033965.D
Acq: 24 Apr 2018 21:58

Tgt Ion:112 Resp: 504203
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 33.1 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: 95.507 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033965.D

Acq: 24 Apr 2018 21:58

Instrument :

BNA_G

ClientSampleId :

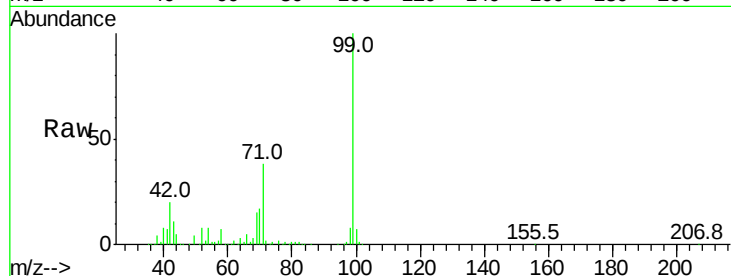
Tot Ion: 99 Resp: 692761

Ion Ratio Lower Upper

99 100

42 20.4 14.1 21.1

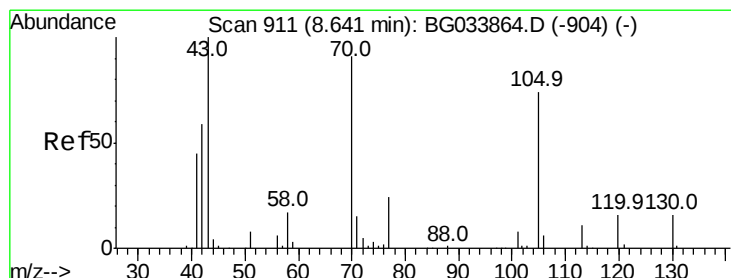
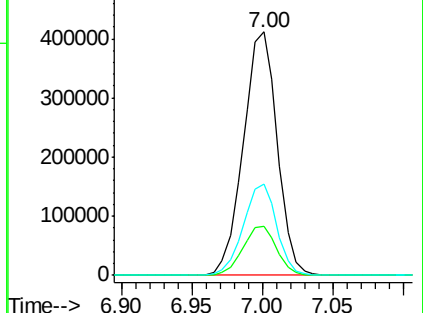
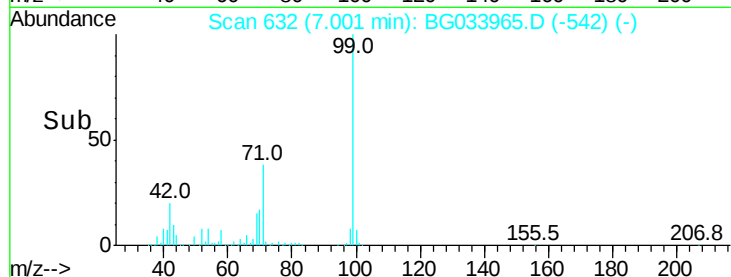
71 37.7 26.1 39.1



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: 9.585 ng

RT: 8.97 min Scan# 968

Delta R.T. 0.33 min

Lab File: BG033965.D

Acq: 24 Apr 2018 21:58

Tgt Ion: 70 Resp: 59263

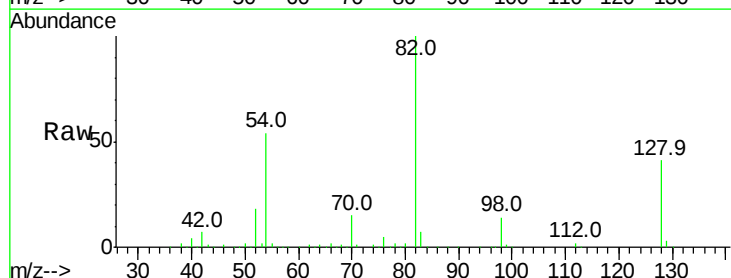
Ion Ratio Lower Upper

70 100

42 47.5 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

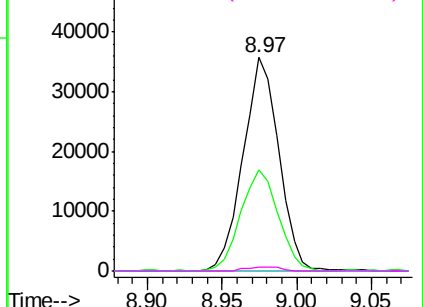
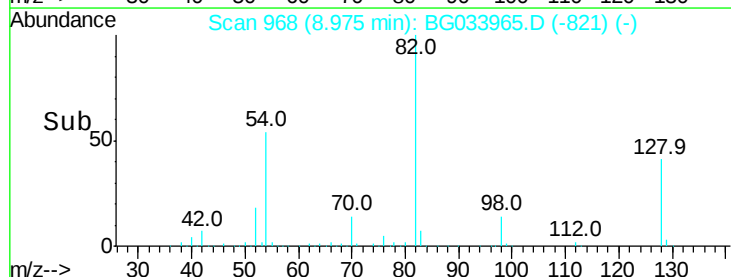


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

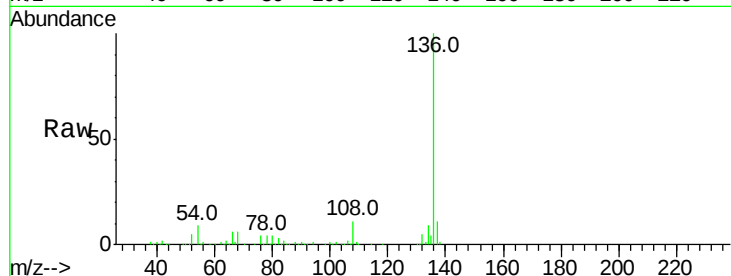




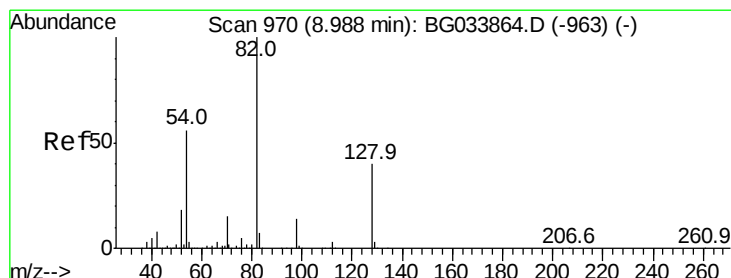
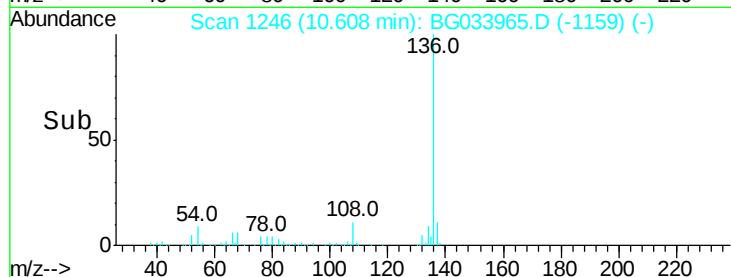
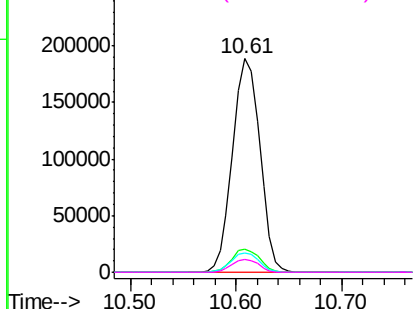
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033965.D
Acq: 24 Apr 2018 21:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	338638
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.1	10.3	15.5
68	6.0	4.5	6.7

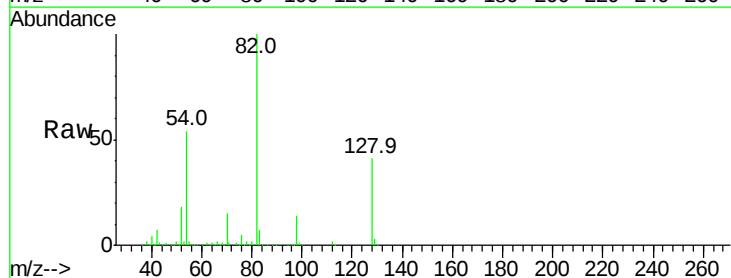


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

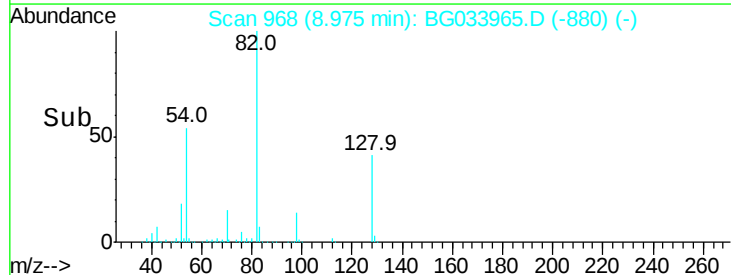
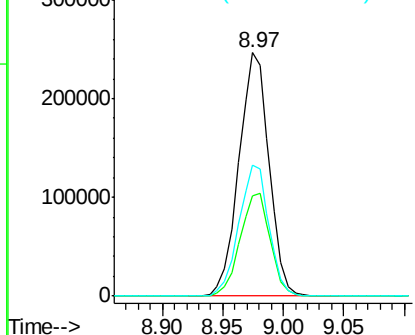


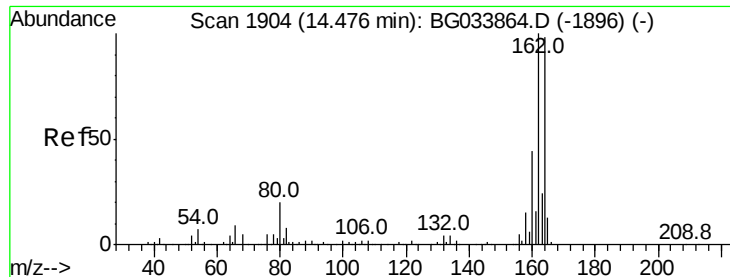
#23
Nitrobenzene-d5
Concen: 72.099 ng
RT: 8.97 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033965.D
Acq: 24 Apr 2018 21:58

Tgt Ion:	82	Resp:	429023
Ion	Ratio	Lower	Upper
82	100		
128	41.1	29.7	44.5
54	53.6	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: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033965.D

Acq: 24 Apr 2018 21:58

Instrument :

BNA_G

ClientSampleId :

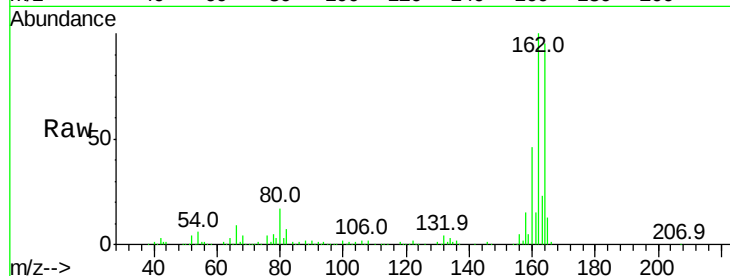
Tot Ion:164 Resp: 210630

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

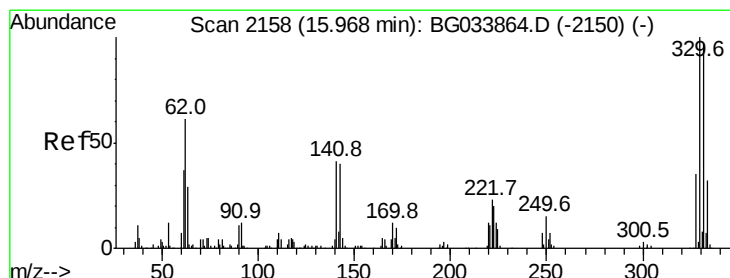
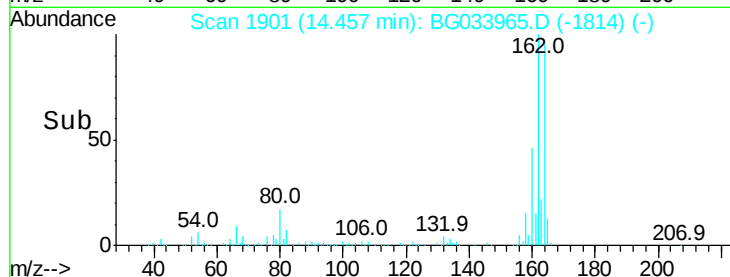
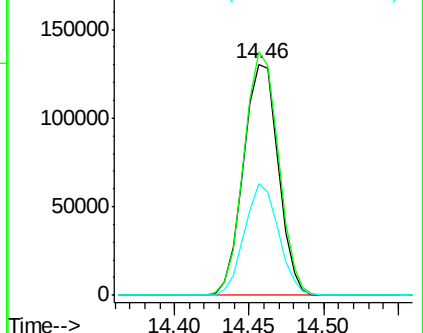
160 48.4 35.4 53.0



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: 101.387 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG033965.D

Acq: 24 Apr 2018 21:58

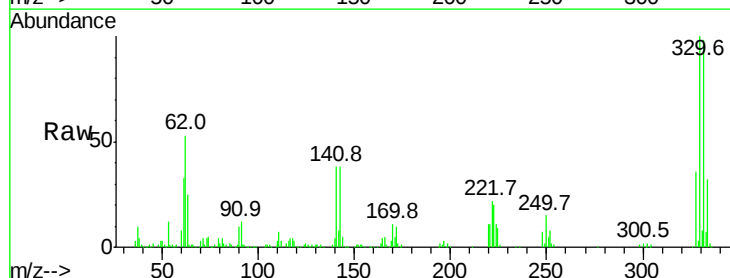
Tgt Ion:330 Resp: 249141

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

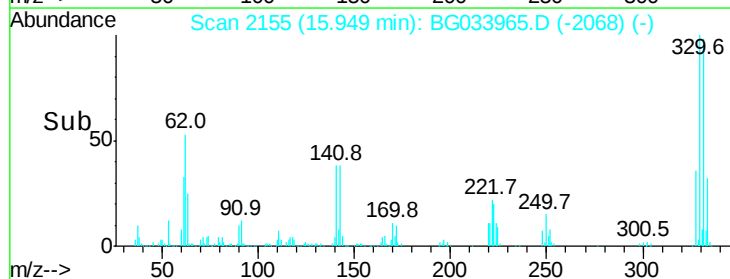
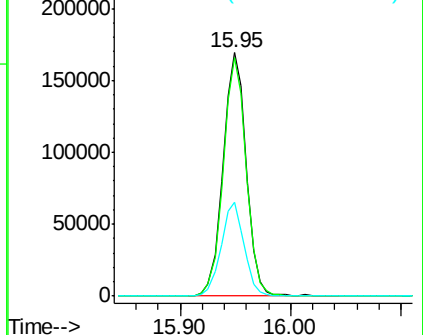
141 38.0 25.2 37.8#

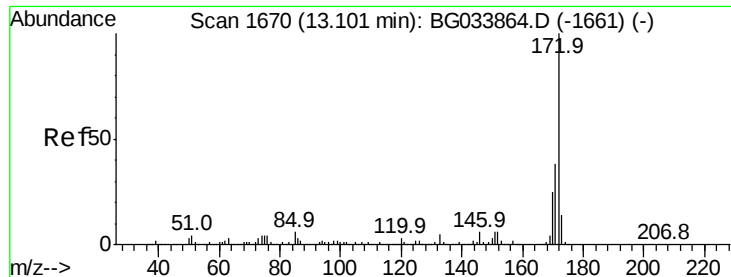


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

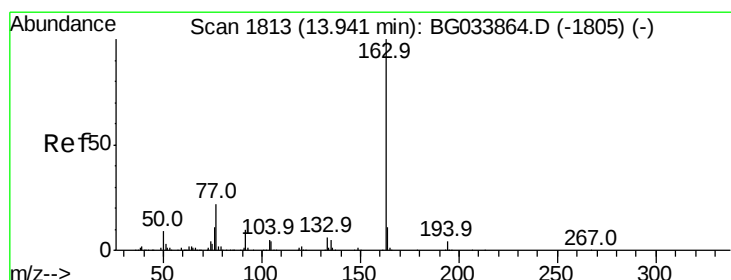
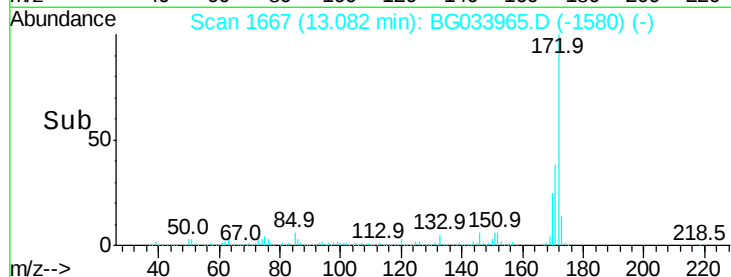
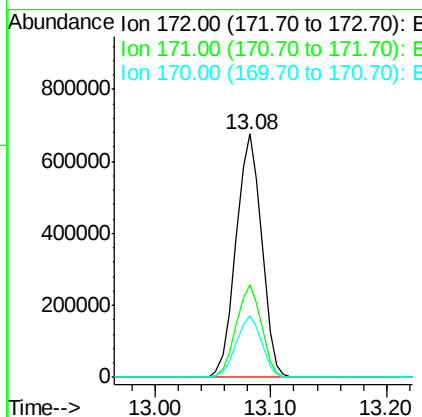
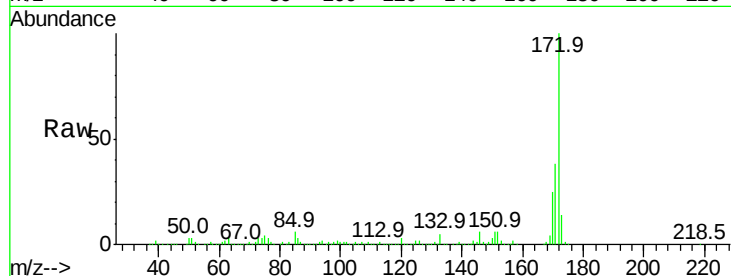




#44
2-Fluorobiphenyl
Concen: 72.312 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033965.D
Acq: 24 Apr 2018 21:58

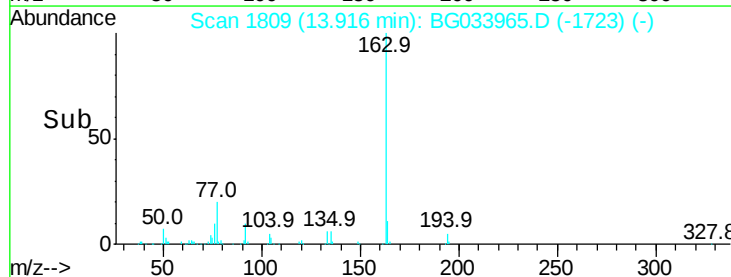
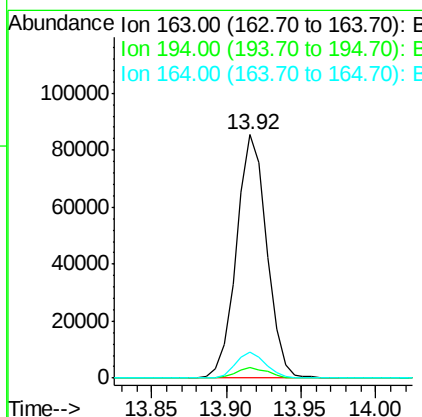
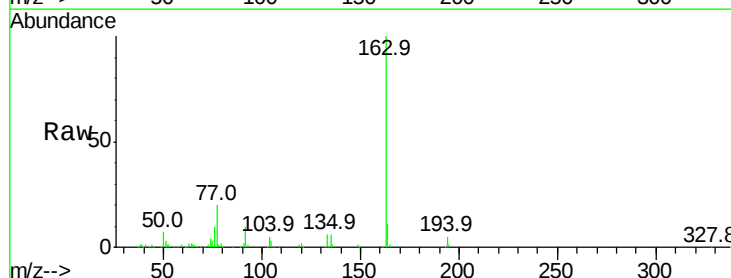
Instrument :
BNA_G
ClientSampleId :

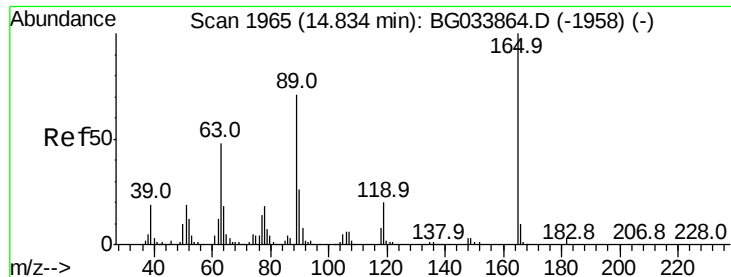
Tot Ion:172 Resp: 1036823
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 25.2 19.5 29.3



#49
Dimethylphthalate
Concen: 6.496 ng
RT: 13.92 min Scan# 1809
Delta R.T. -0.03 min
Lab File: BG033965.D
Acq: 24 Apr 2018 21:58

Tgt Ion:163 Resp: 120350
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.9 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 5.958 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.38 min

Lab File: BG033965.D

Acq: 24 Apr 2018 21:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 27817

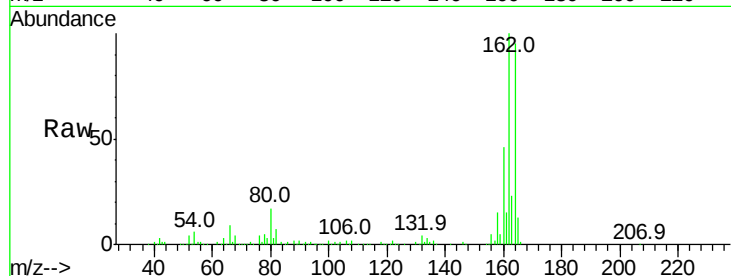
Ion Ratio Lower Upper

165 100

63 2.6 42.0 63.0#

89 1.9 66.9 100.3#

182 0.0 2.6 3.8#

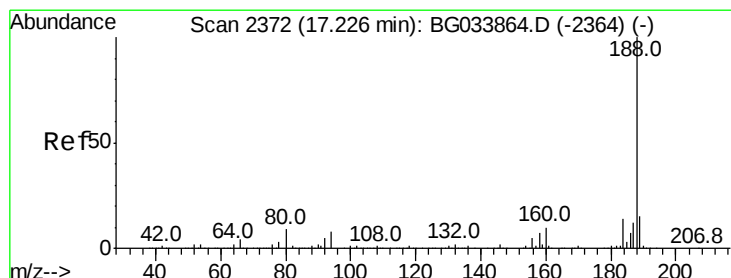
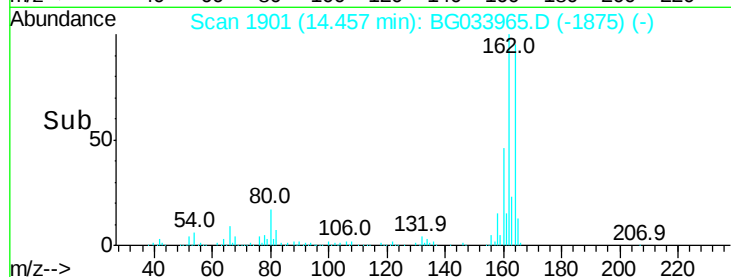
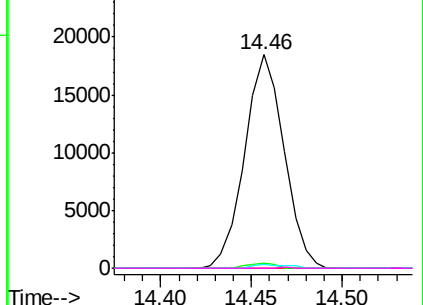


Abundance Ion 165.00 (164.70 to 165.70): E

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# 2369

Delta R.T. -0.02 min

Lab File: BG033965.D

Acq: 24 Apr 2018 21:58

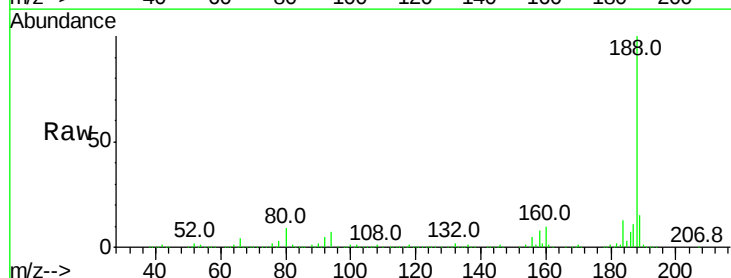
Tgt Ion:188 Resp: 523516

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

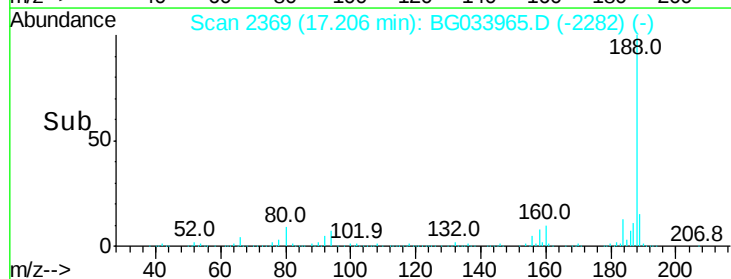
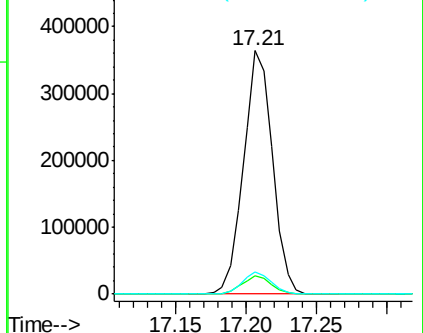
80 9.1 7.7 11.5

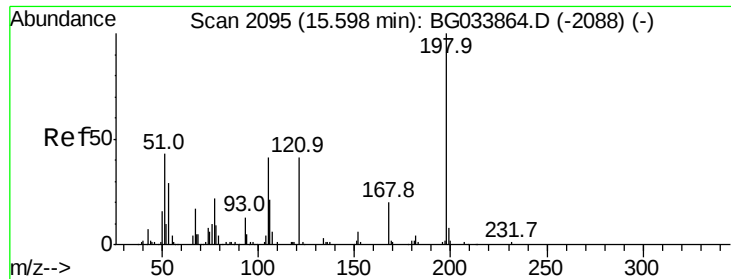


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

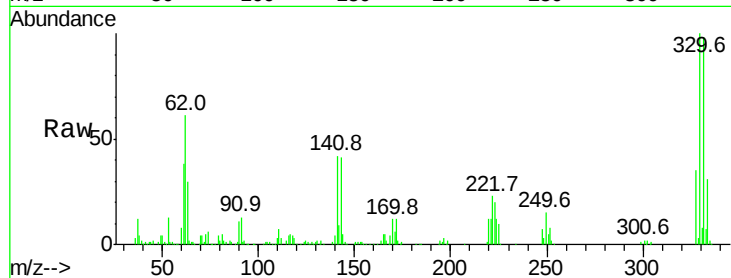




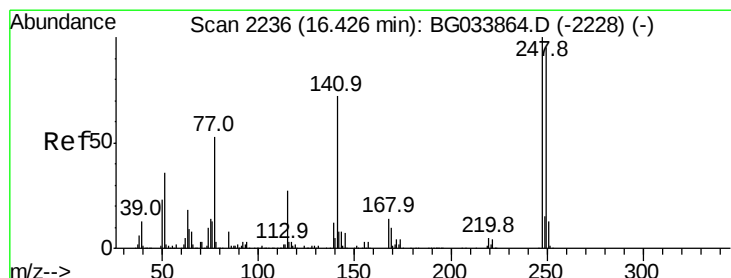
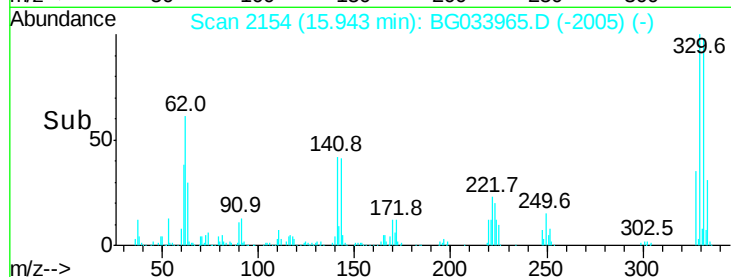
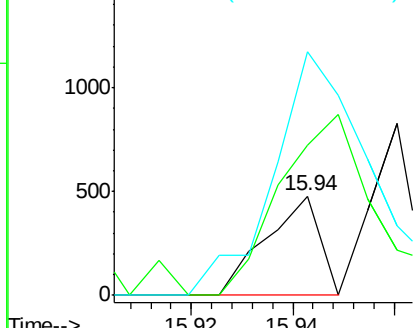
#64
4,6-Dinitro-2-methylphenol
Concen: 6.611 ng
RT: 15.94 min Scan# 2154
Delta R.T. 0.35 min
Lab File: BG033965.D
Acq: 24 Apr 2018 21:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 354
Ion Ratio Lower Upper
198 100
51 24.5 30.6 70.6#
105 39.8 23.8 63.8

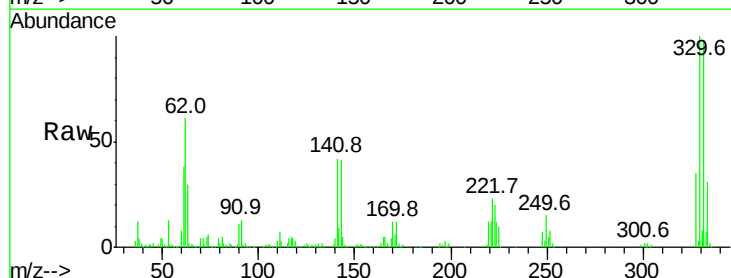


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

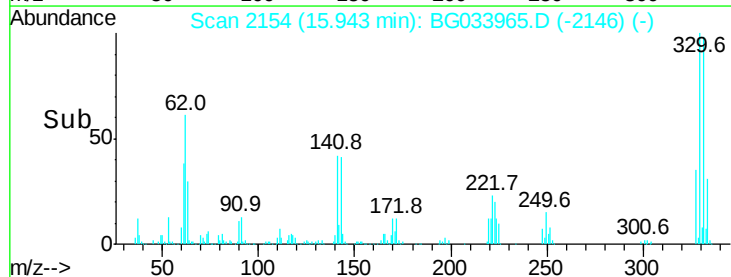
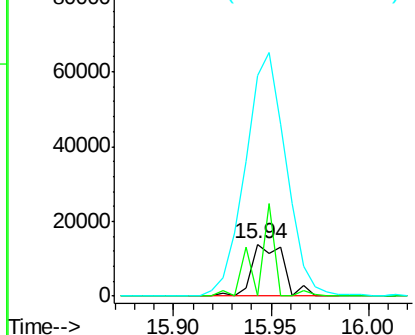


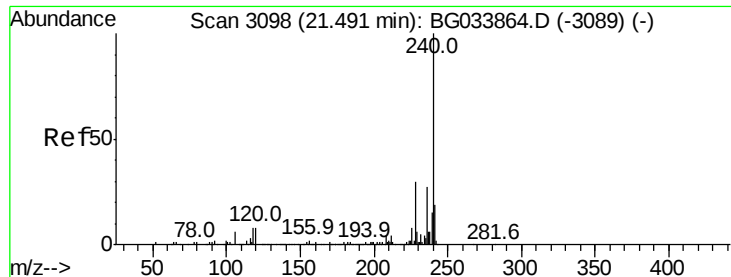
#66
4-Bromophenyl-phenylether
Concen: 2.737 ng
RT: 15.94 min Scan# 2154
Delta R.T. -0.48 min
Lab File: BG033965.D
Acq: 24 Apr 2018 21:58

Tgt Ion:248 Resp: 15737
Ion Ratio Lower Upper
248 100
250 47.7 77.1 115.7#
141 426.1 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. -0.03 min

Lab File: BG033965.D

Acq: 24 Apr 2018 21:58

Instrument :

BNA_G

ClientSampleId :

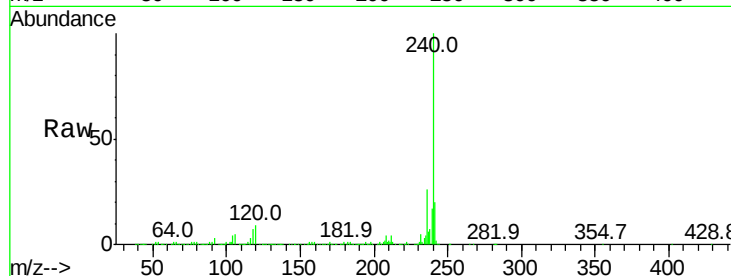
Tot Ion:240 Resp: 593774

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

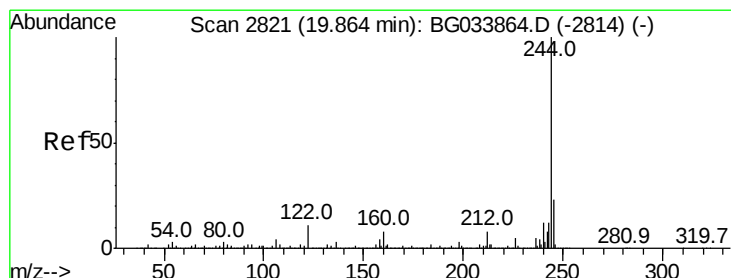
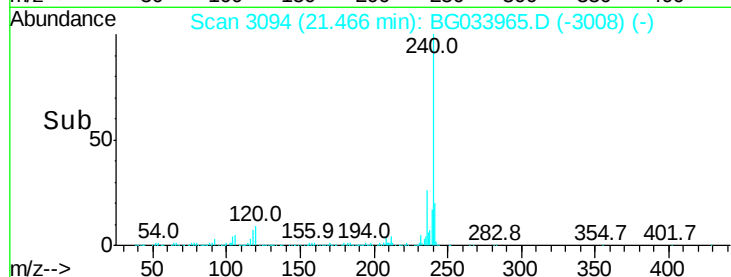
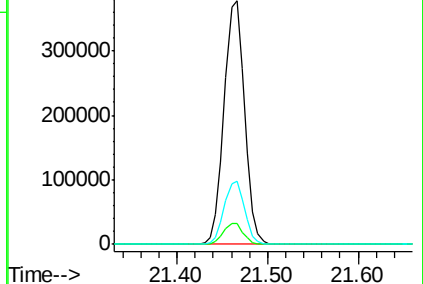
236 25.9 20.9 31.3



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: 66.824 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033965.D

Acq: 24 Apr 2018 21:58

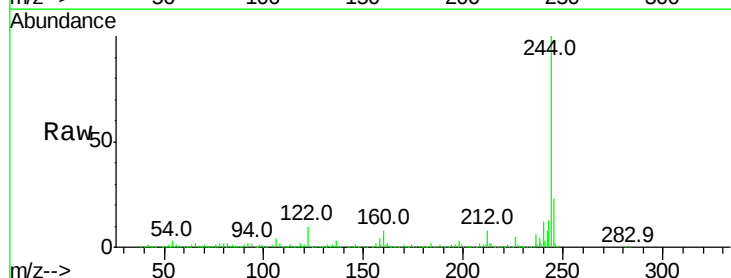
Tgt Ion:244 Resp: 1766147

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

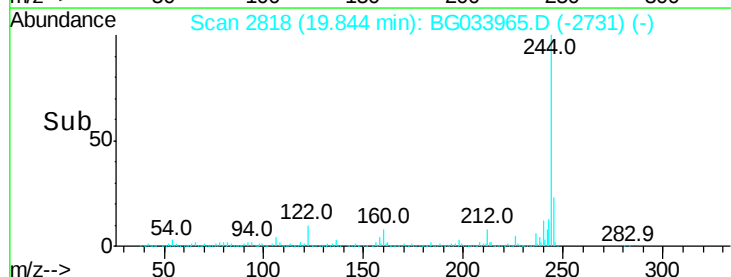
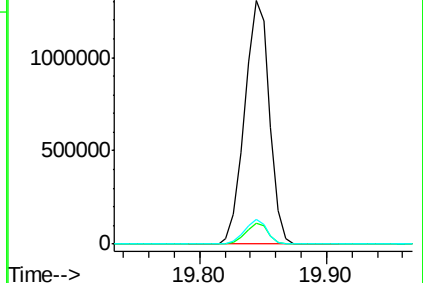
122 10.2 7.0 10.4

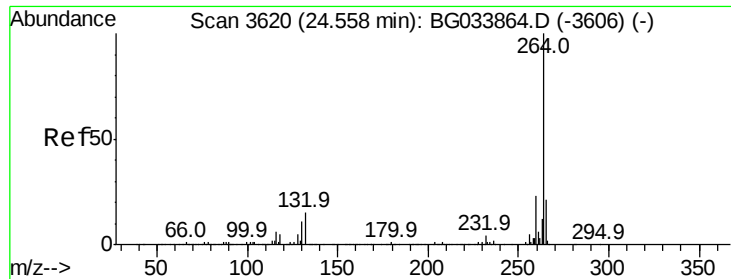


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.52 min Scan# 3614
 Delta R.T. -0.04 min
 Lab File: BG033965.D
 Acq: 24 Apr 2018 21:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.5	17.7	26.5

