

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033604.D
 Acq On : 5 Apr 2018 22:19
 Operator : SJ/JU
 Sample : J2265-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 06 03:21:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

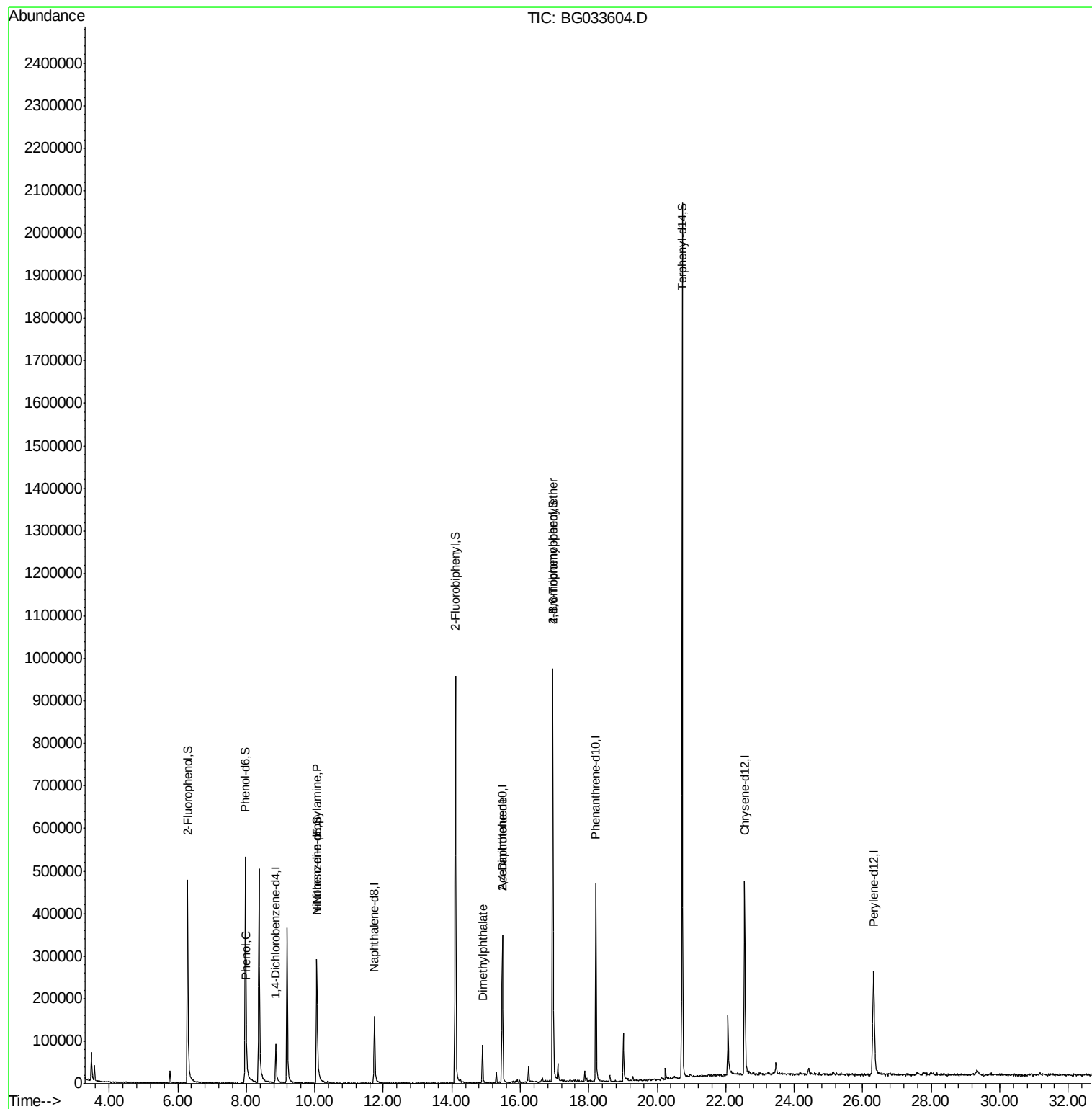
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33847	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	160102	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	129245	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	330287	20.00	ng	0.00
75) Chrysene-d12	22.55	240	328215	20.00	ng	0.00
86) Perylene-d12	26.31	264	348799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	235998	130.74	ng	0.00
7) Phenol-d6	7.97	99	386638	124.66	ng	0.00
23) Nitrobenzene-d5	10.06	82	246443	70.72	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	187579	97.04	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	542007	60.54	ng	0.00
78) Terphenyl-d14	20.73	244	1016947	66.26	ng	0.00
Target Compounds						
10) Phenol	8.01	94	6919	2.260	ng	# 49
19) n-Nitroso-di-n-propylamine	10.06	70	31895	14.034	ng	# 73
49) Dimethylphthalate	14.90	163	57976	5.154	ng	# 99
56) 2,4-Dinitrotoluene	15.47	165	15833	4.676	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	14333	3.695	ng	# 1

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

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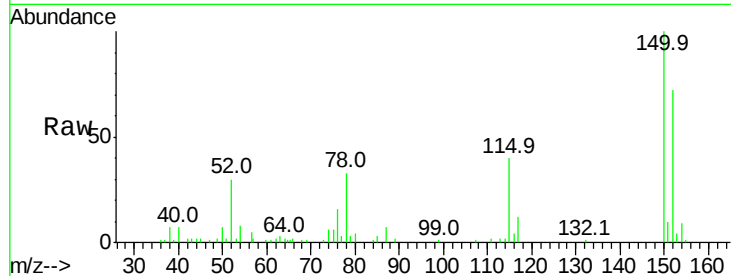


#1

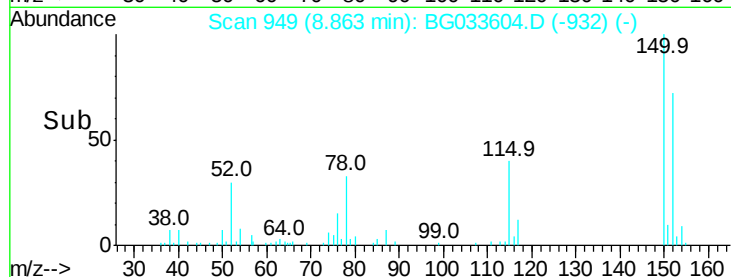
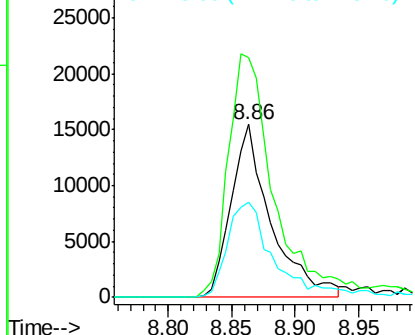
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033604.D
Acq: 5 Apr 2018 22:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.7	126.6	189.8
115	55.0	53.0	79.4



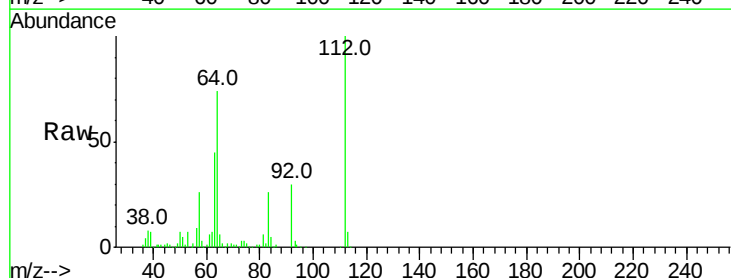
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



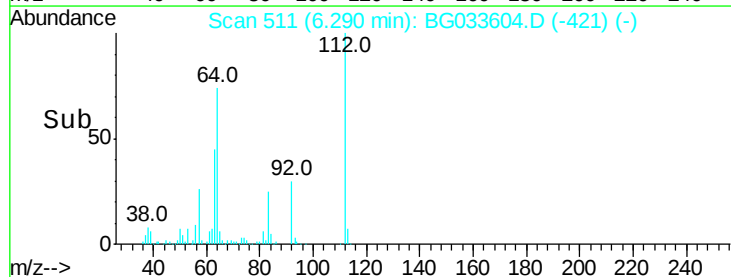
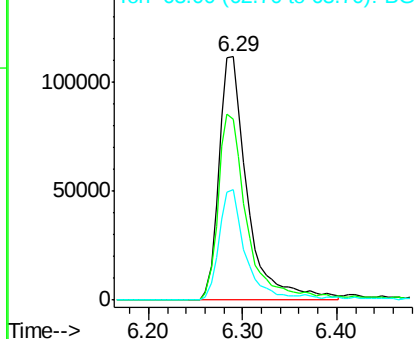
#5

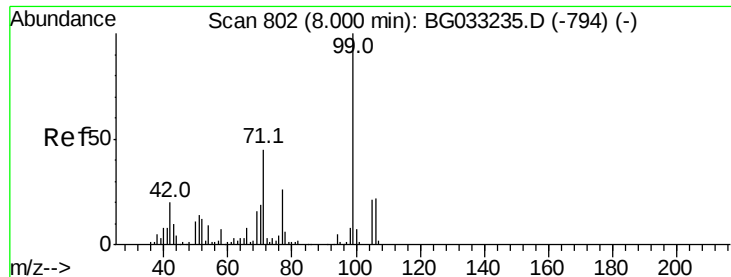
2-Fluorophenol
Concen: 130.743 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033604.D
Acq: 5 Apr 2018 22:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.4	56.3	84.5
63	45.3	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: 124.663 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033604.D

Acq: 5 Apr 2018 22:19

Instrument :

BNA_G

ClientSampleId :

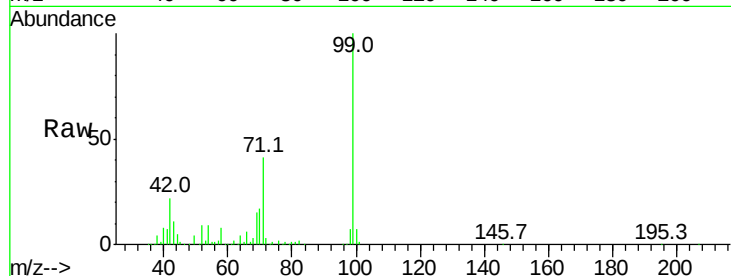
Tot Ion: 99 Resp: 386638

Ion Ratio Lower Upper

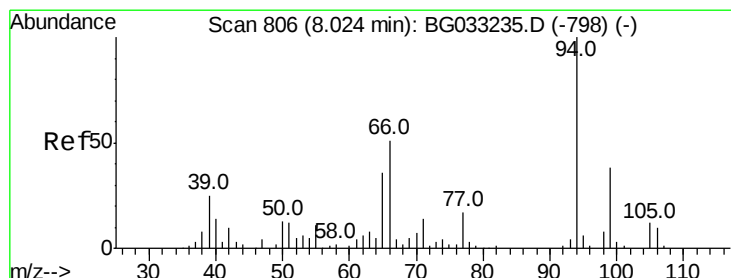
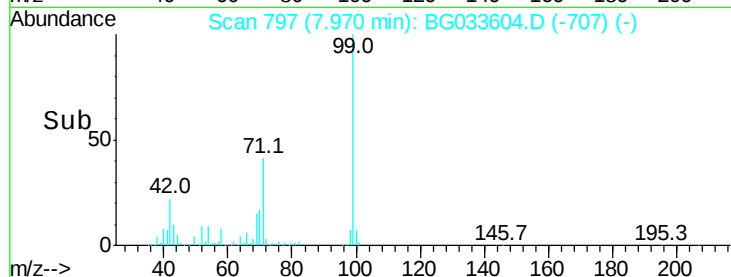
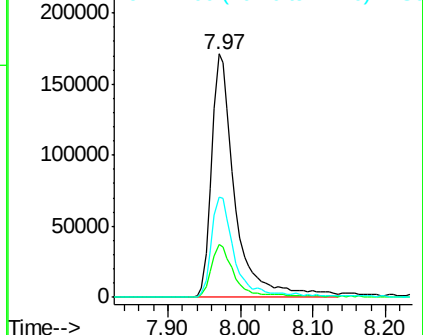
99 100

42 21.8 14.1 21.1#

71 41.3 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



#10

Phenol

Concen: 2.260 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033604.D

Acq: 5 Apr 2018 22:19

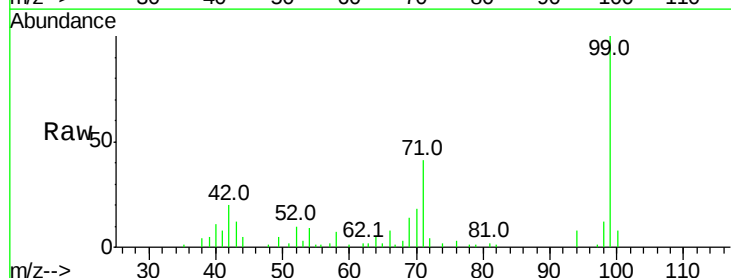
Tgt Ion: 94 Resp: 6919

Ion Ratio Lower Upper

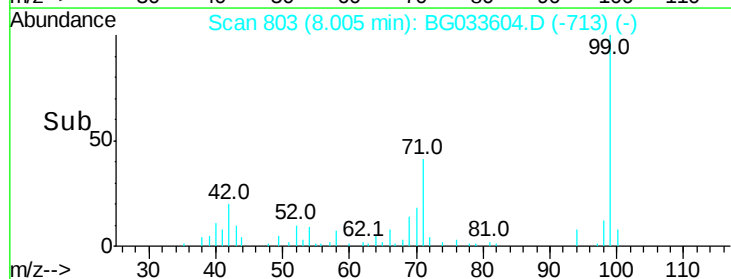
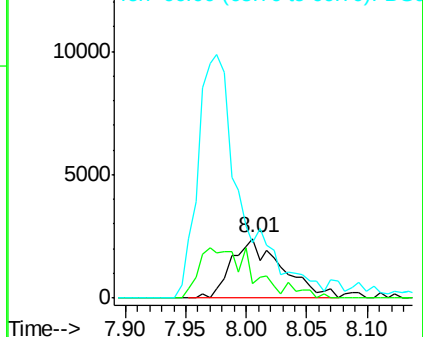
94 100

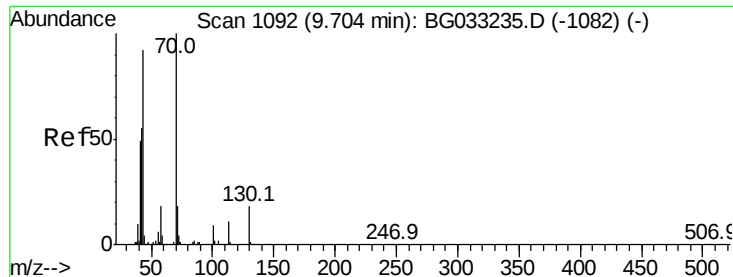
65 25.0 11.9 51.9

66 92.8 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

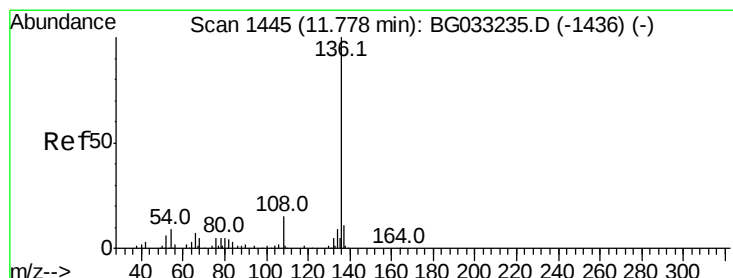
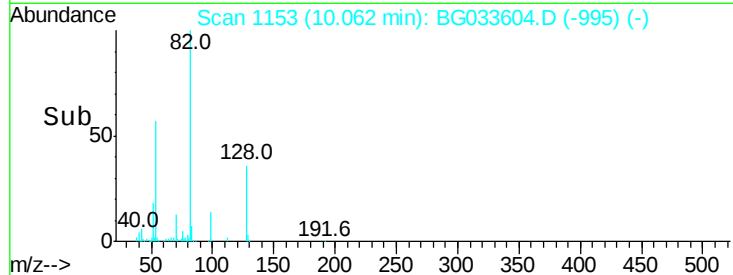
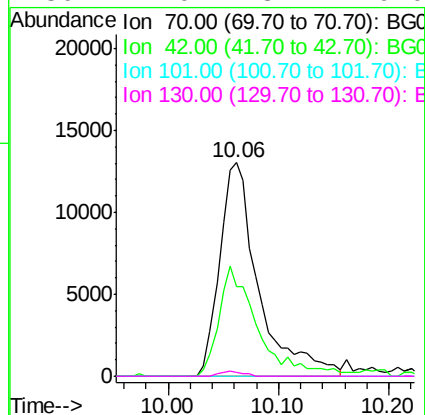
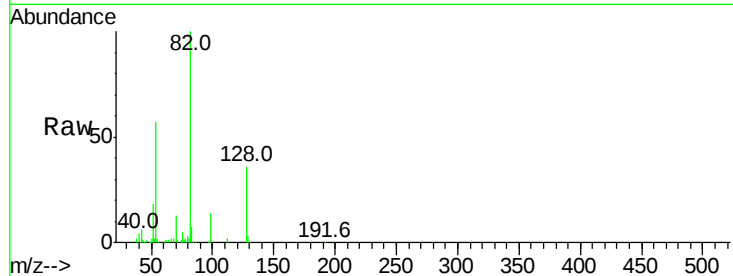




#19
n-Nitroso-di-n-propylamine
Concen: 14.034 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033604.D
Acq: 5 Apr 2018 22:19

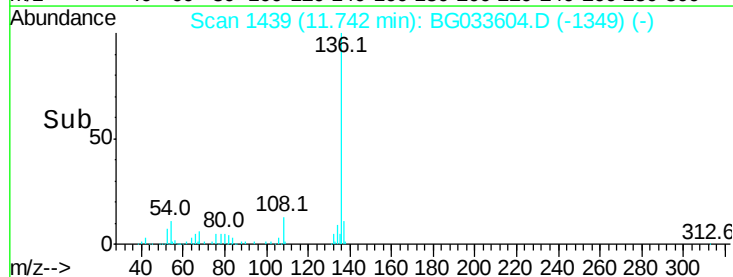
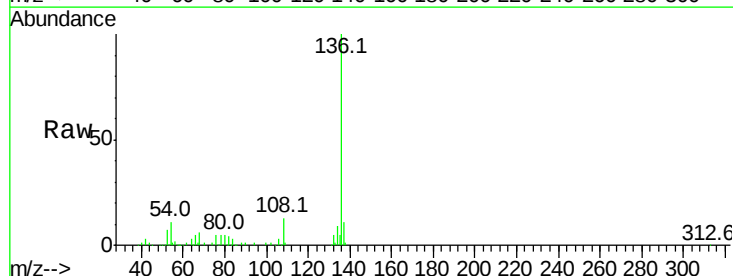
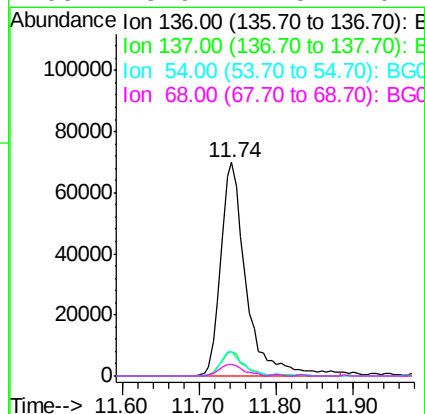
Instrument :
BNA_G
ClientSampleId :

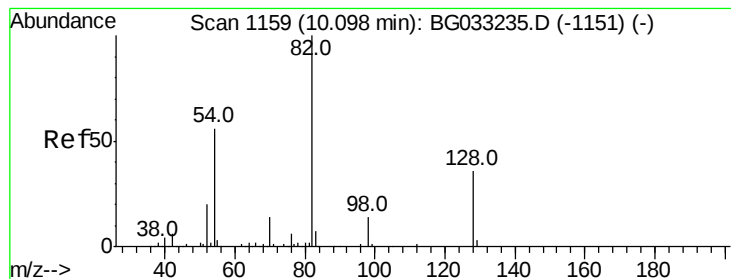
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033604.D
Acq: 5 Apr 2018 22:19

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	11.5	10.3	15.5
68	5.6	4.5	6.7





#23

Nitrobenzene-d5

Concen: 70.721 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033604.D

Acq: 5 Apr 2018 22:19

Instrument :

BNA_G

ClientSampleId :

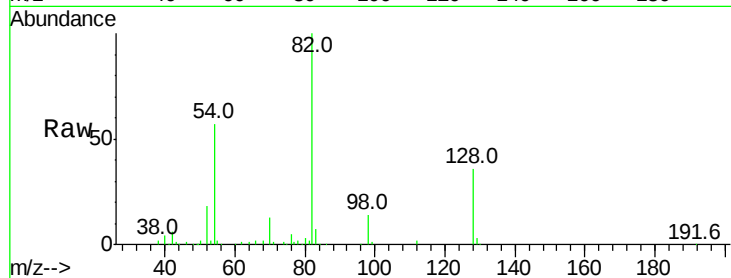
Tot Ion: 82 Resp: 246443

Ion Ratio Lower Upper

82 100

128 35.9 29.7 44.5

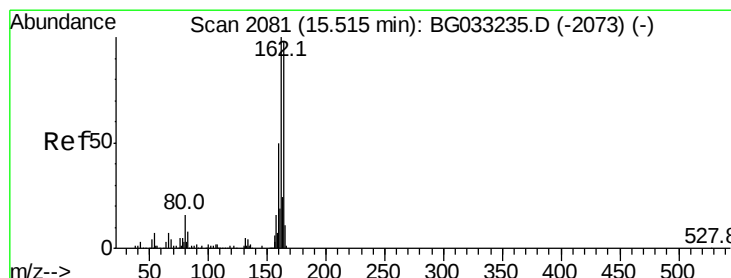
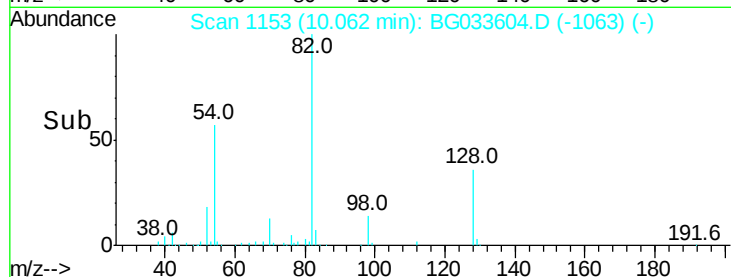
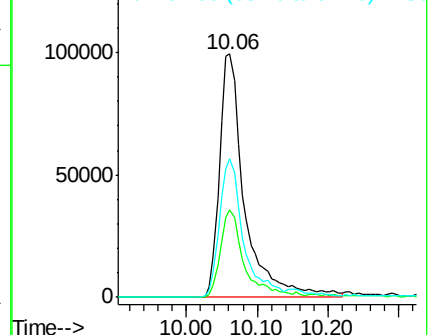
54 57.2 43.1 64.7



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: 15.48 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG033604.D

Acq: 5 Apr 2018 22:19

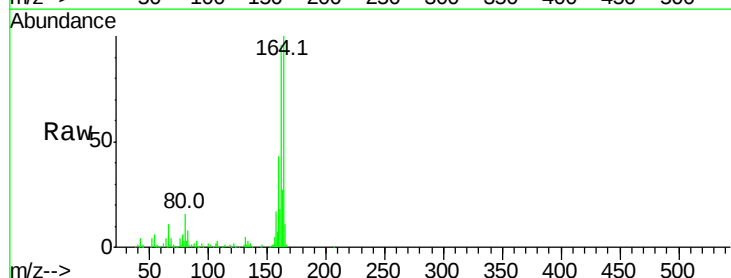
Tgt Ion: 164 Resp: 129245

Ion Ratio Lower Upper

164 100

162 95.6 78.8 118.2

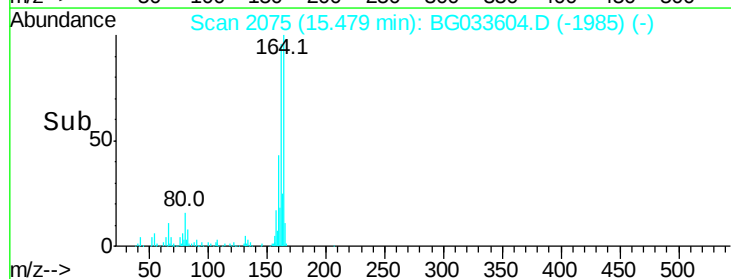
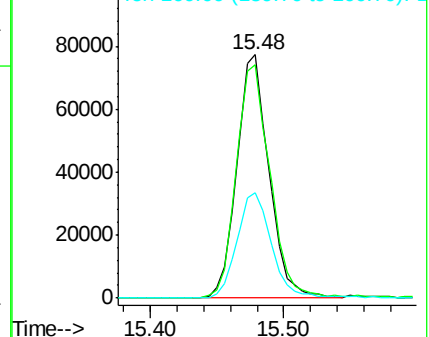
160 43.1 35.4 53.0



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

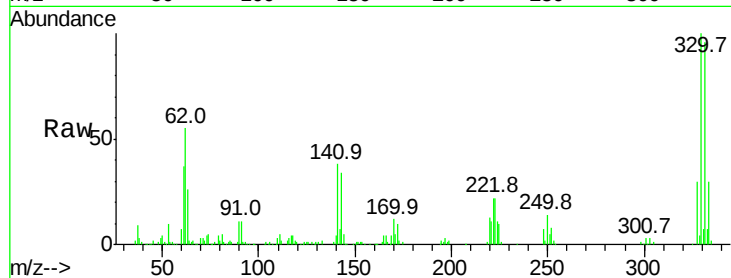




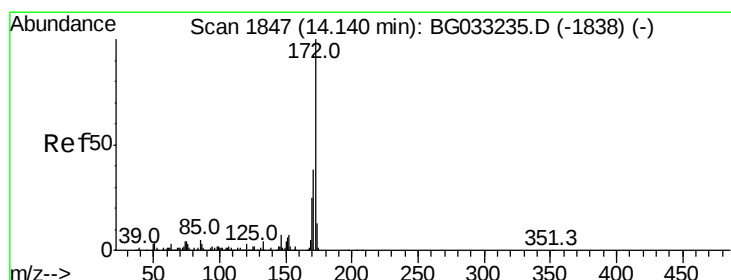
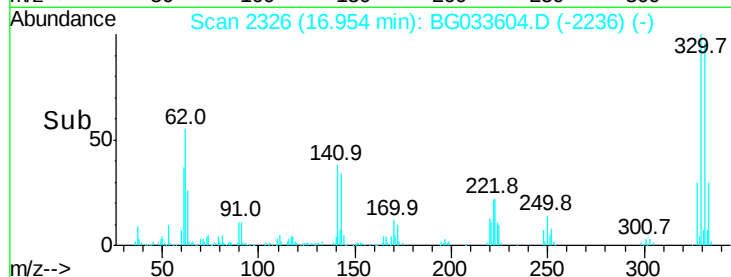
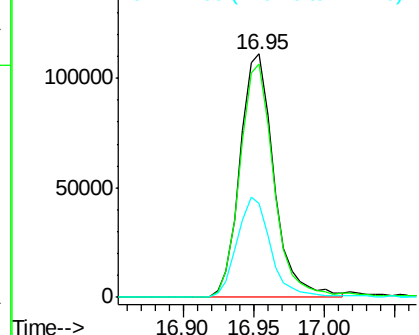
#41
 2,4,6-Tribromophenol
 Concen: 97.040 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033604.D
 Acq: 5 Apr 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 187579
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 41.3 25.2 37.8#

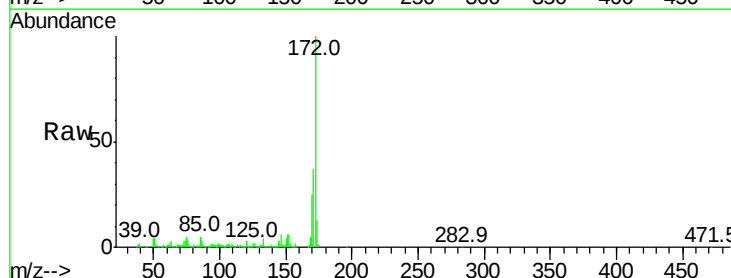


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

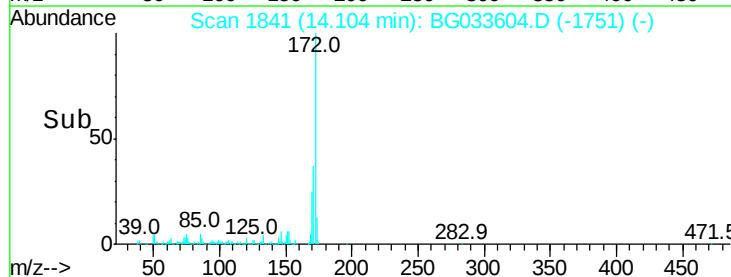
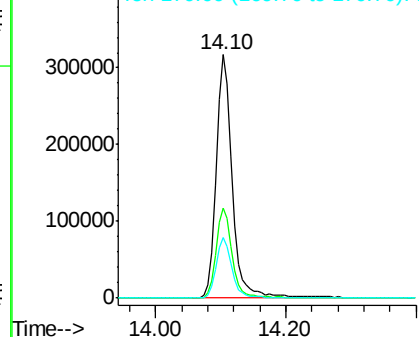


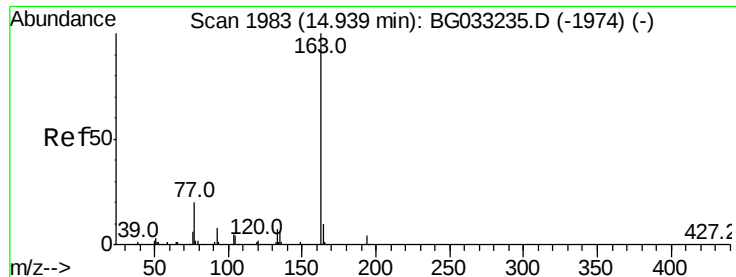
#44
 2-Fluorobiphenyl
 Concen: 60.541 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033604.D
 Acq: 5 Apr 2018 22:19

Tgt Ion:172 Resp: 542007
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 25.1 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

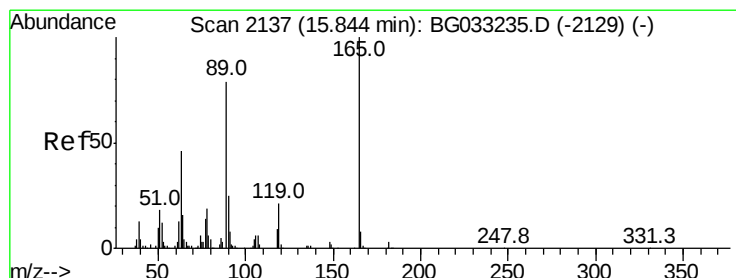
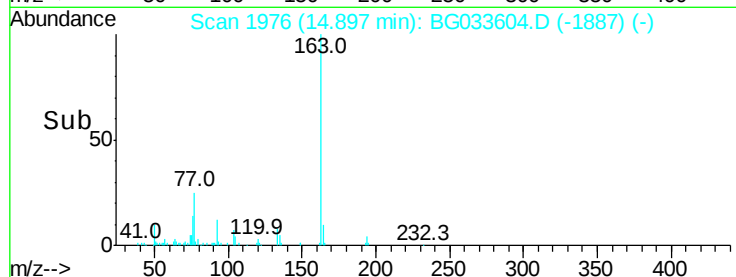
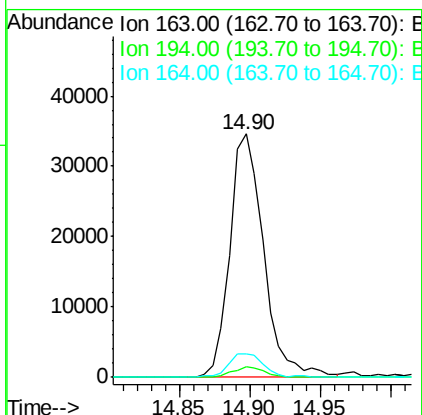
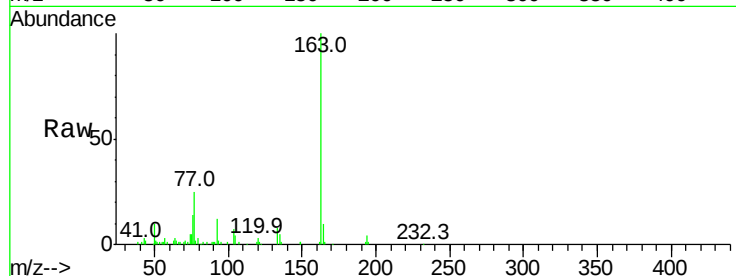




#49
Dimethylphthalate
Concen: 5.154 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033604.D
Acq: 5 Apr 2018 22:19

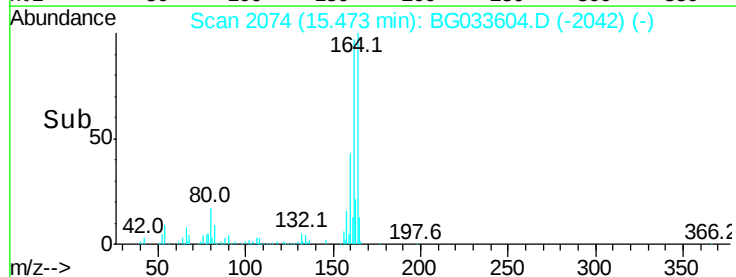
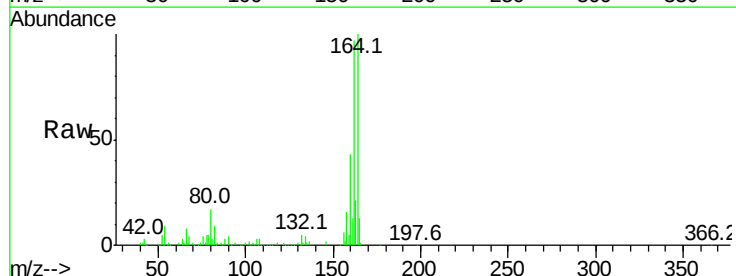
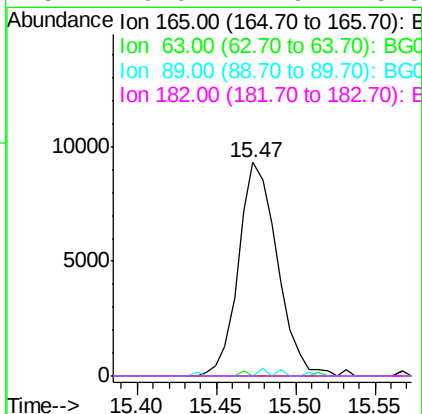
Instrument :
BNA_G
ClientSampleId :

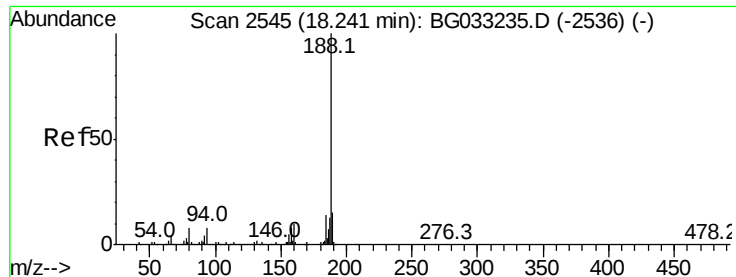
Tot Ion:163 Resp: 57976
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 4.676 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033604.D
Acq: 5 Apr 2018 22:19

Tgt Ion:165 Resp: 15833
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

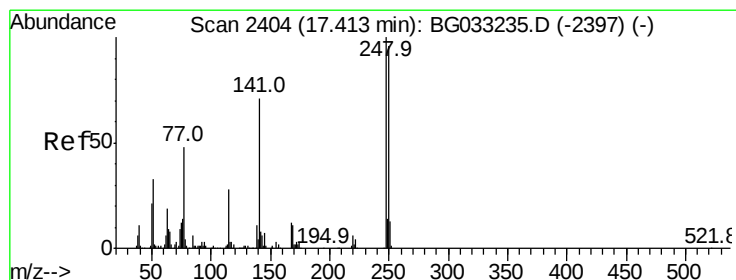
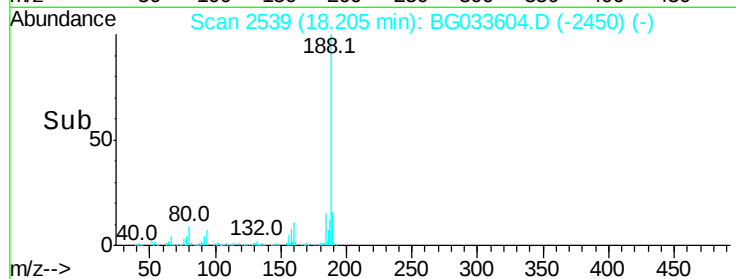
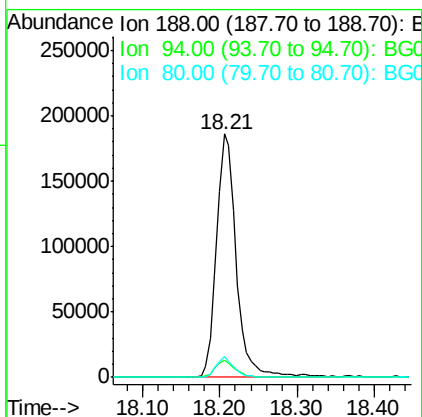
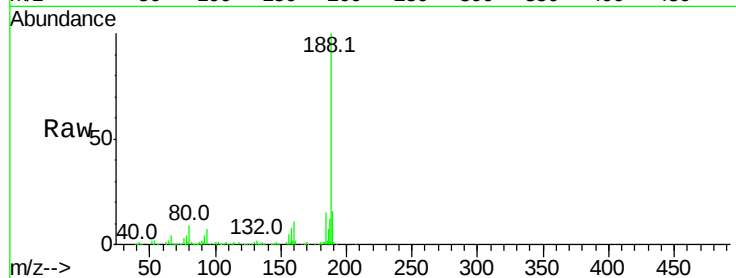




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033604.D
Acq: 5 Apr 2018 22:19

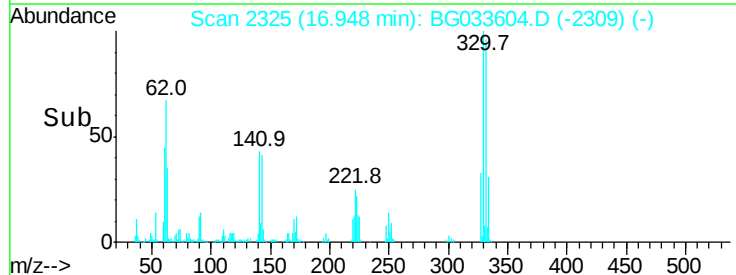
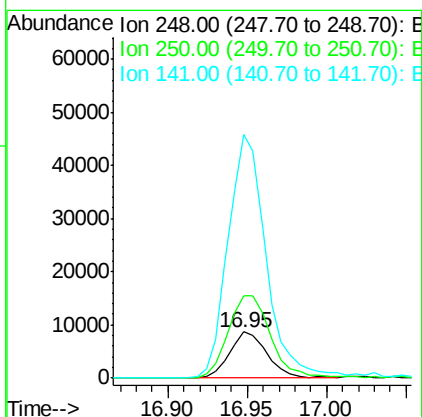
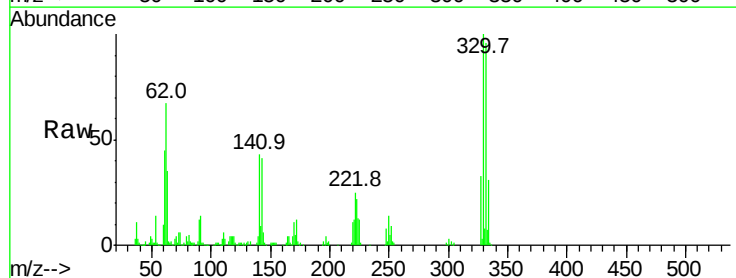
Instrument :
BNA_G
ClientSampleId :

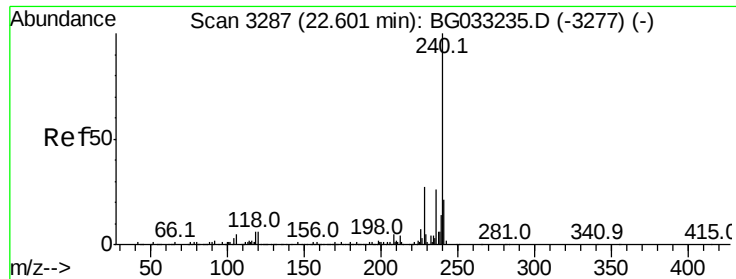
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	8.6	7.7	11.5



#66
4-Bromophenyl-phenylether
Concen: 3.695 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033604.D
Acq: 5 Apr 2018 22:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	177.8	77.1	115.7#
141	527.2	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033604.D

Acq: 5 Apr 2018 22:19

Instrument :

BNA_G

ClientSampleId :

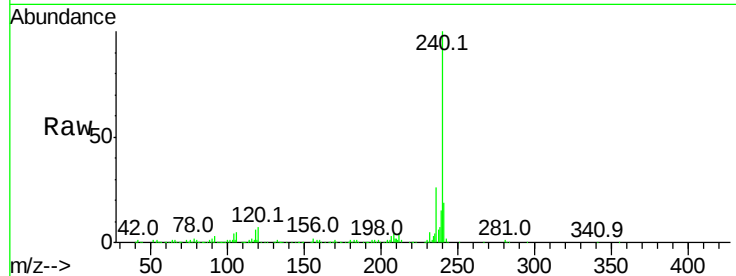
Tot Ion:240 Resp: 328215

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

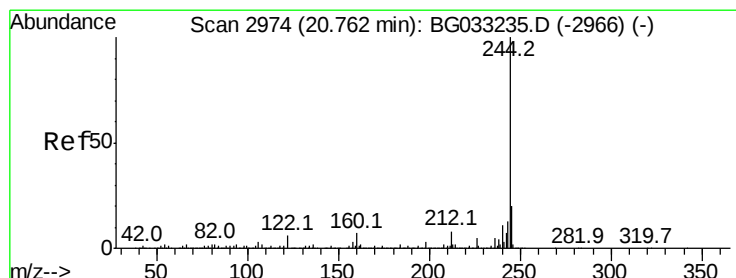
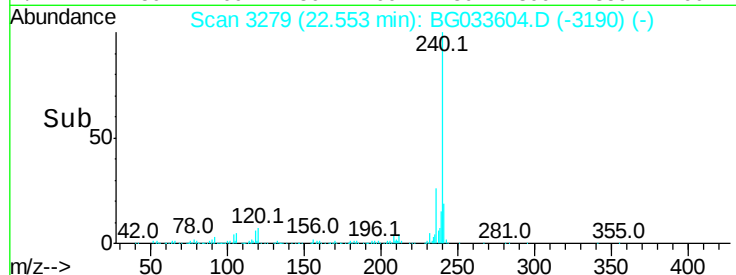
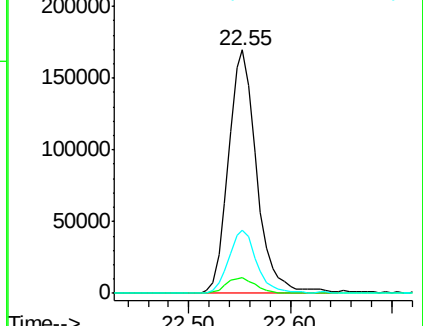
236 26.2 20.9 31.3



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: 66.263 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033604.D

Acq: 5 Apr 2018 22:19

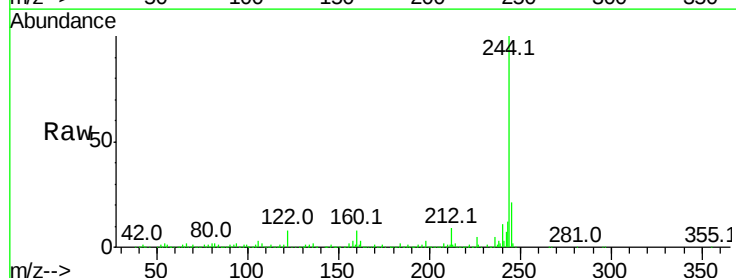
Tgt Ion:244 Resp: 1016947

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

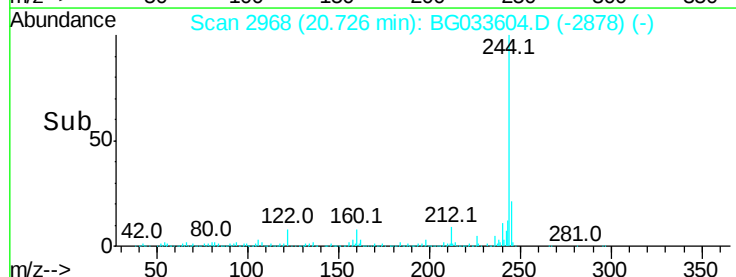
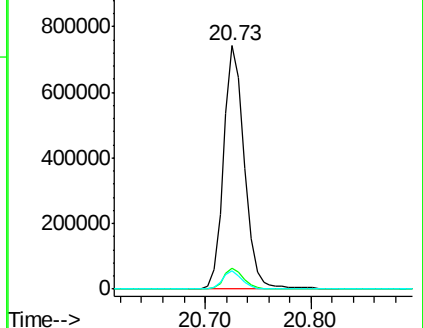
122 7.7 7.0 10.4

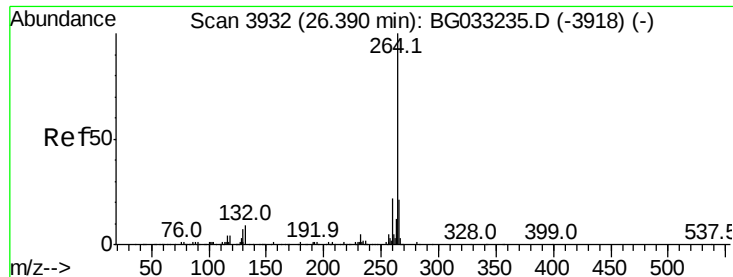


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

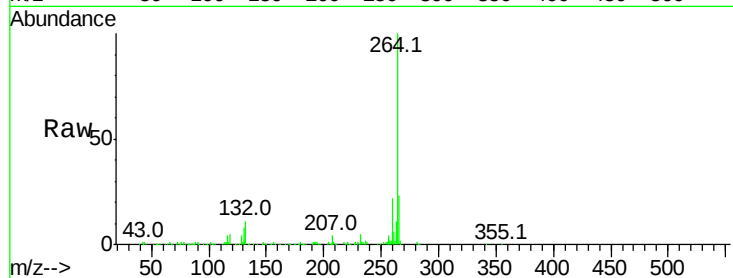




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033604.D
 Acq: 5 Apr 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	22.8	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

