

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033602.D
 Acq On : 5 Apr 2018 21:04
 Operator : SJ/JU
 Sample : J2265-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 06 03:21:07 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

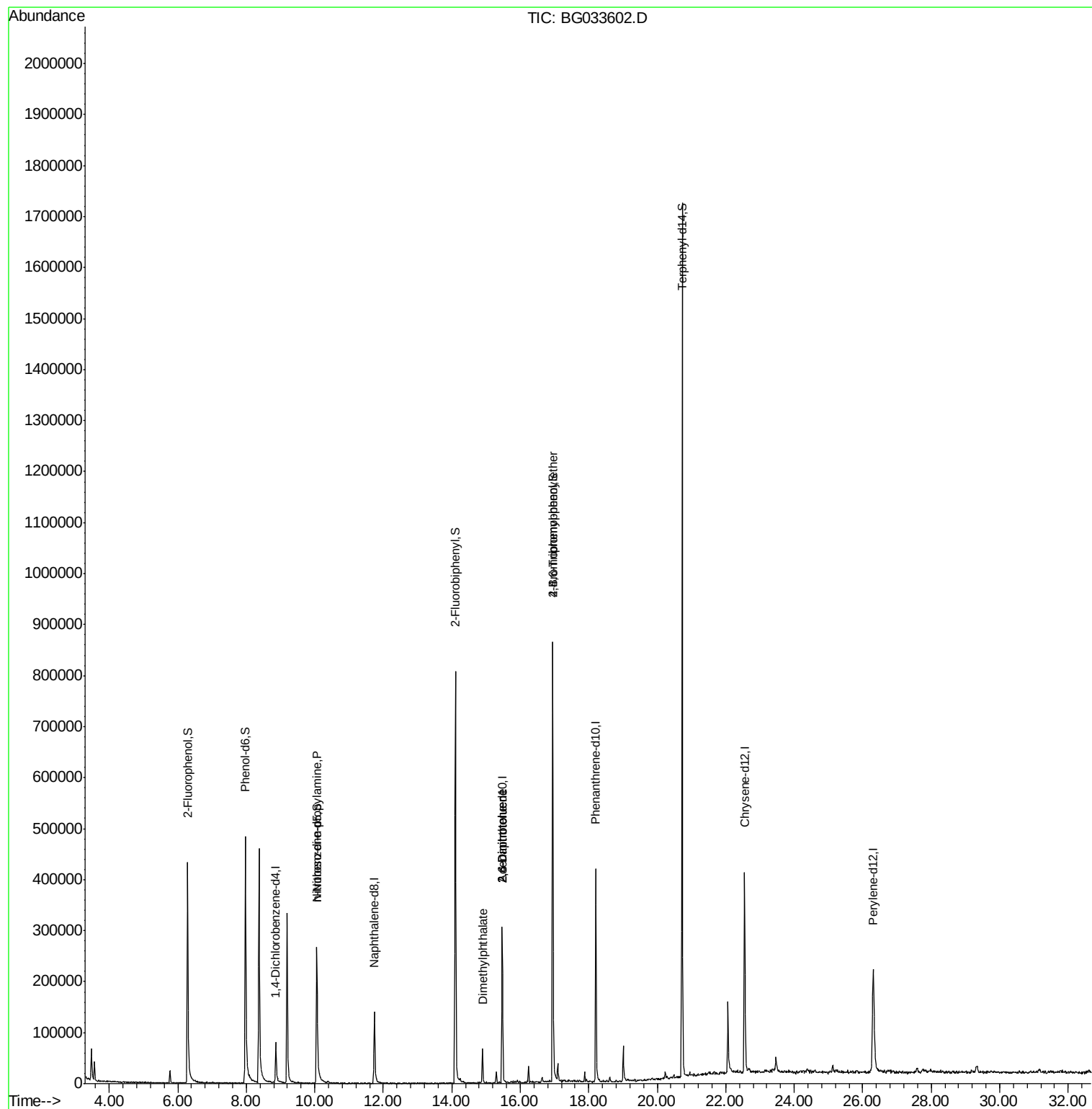
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28294	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	141321	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	115664	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	293108	20.00	ng	0.00
75) Chrysene-d12	22.55	240	287409	20.00	ng	-0.01
86) Perylene-d12	26.31	264	300533	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	217863	144.38	ng	0.00
7) Phenol-d6	7.97	99	347356	133.98	ng	0.00
23) Nitrobenzene-d5	10.06	82	224586	73.01	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	163462	94.49	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	483233	60.31	ng	0.00
78) Terphenyl-d14	20.73	244	866995	64.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	29644	15.604	ng	# 81
49) Dimethylphthalate	14.90	163	46690	4.638	ng	# 92
50) 2,6-Dinitrotoluene	15.47	165	15259	7.414	ng	# 23
56) 2,4-Dinitrotoluene	15.47	165	15259	5.035	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	12468	3.622	ng	# 1

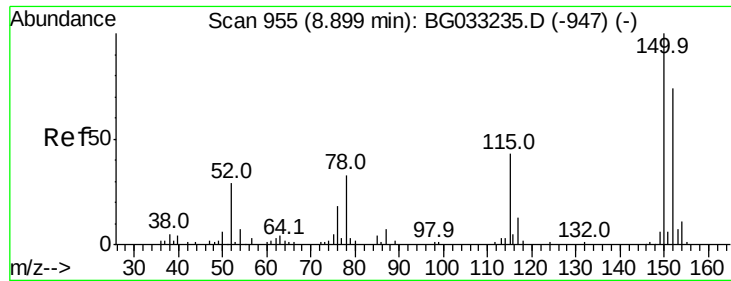
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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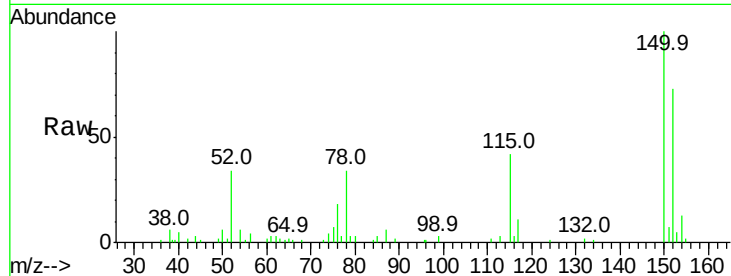


#1

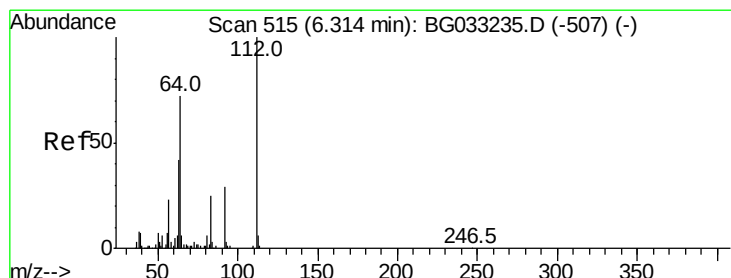
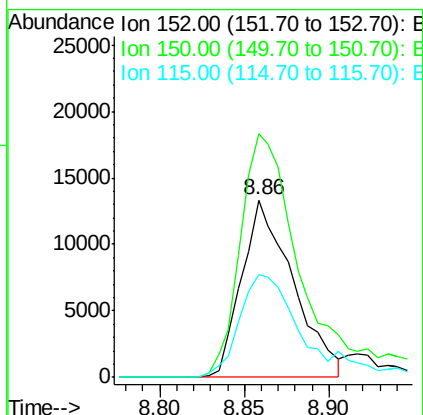
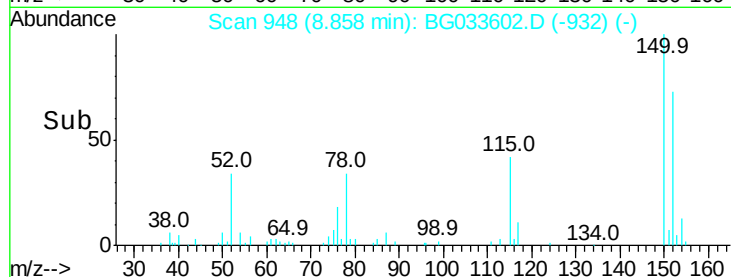
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033602.D
Acq: 5 Apr 2018 21:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 28294
Ion Ratio Lower Upper
152 100
150 137.4 126.6 189.8
115 57.7 53.0 79.4



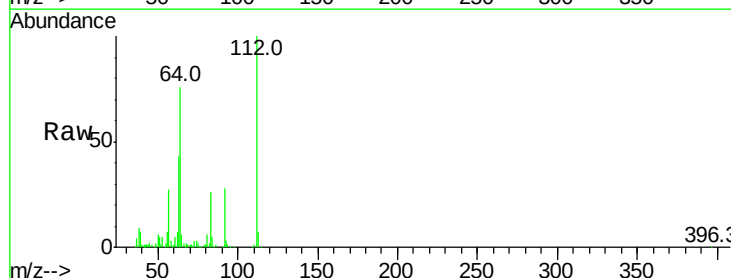
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



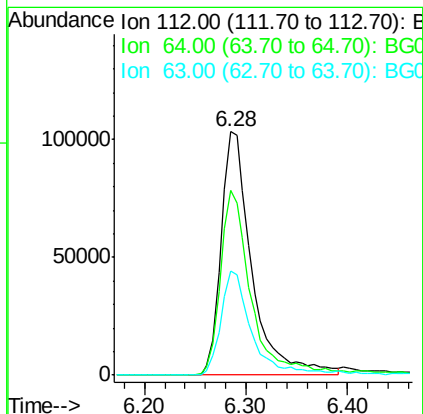
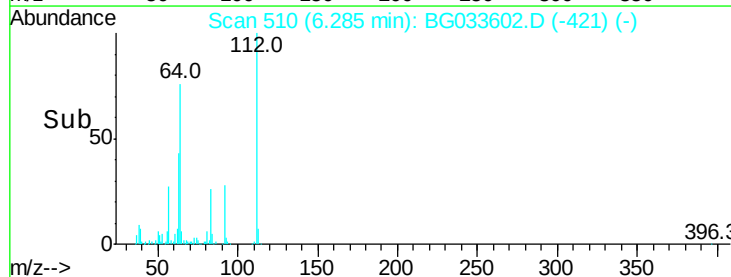
#5

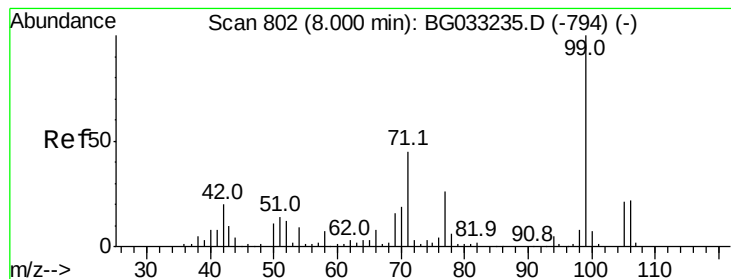
2-Fluorophenol
Concen: 144.384 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033602.D
Acq: 5 Apr 2018 21:04

Tgt Ion:112 Resp: 217863
Ion Ratio Lower Upper
112 100
64 75.7 56.3 84.5
63 42.6 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: 133.978 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033602.D

Acq: 5 Apr 2018 21:04

Instrument :

BNA_G

ClientSampleId :

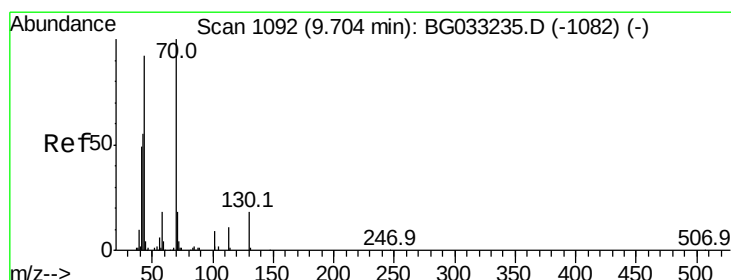
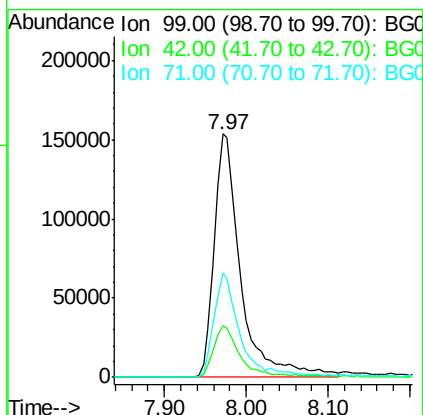
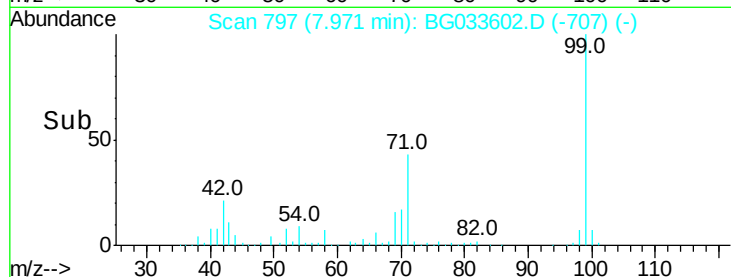
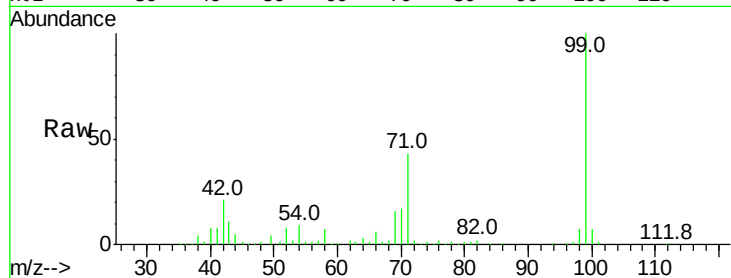
Tot Ion: 99 Resp: 347356

Ion Ratio Lower Upper

99 100

42 21.4 14.1 21.1#

71 42.9 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.604 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.40 min

Lab File: BG033602.D

Acq: 5 Apr 2018 21:04

Tgt Ion: 70 Resp: 29644

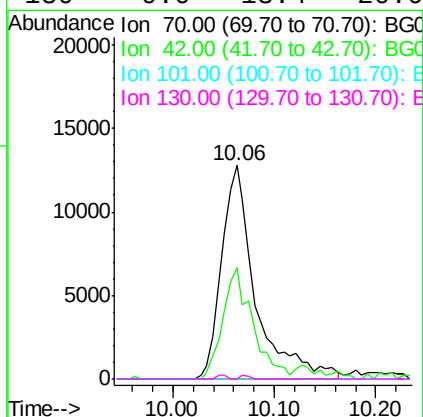
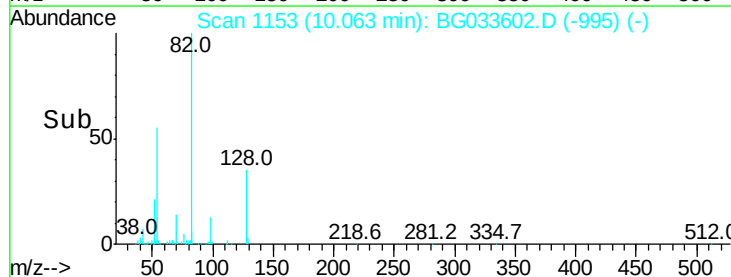
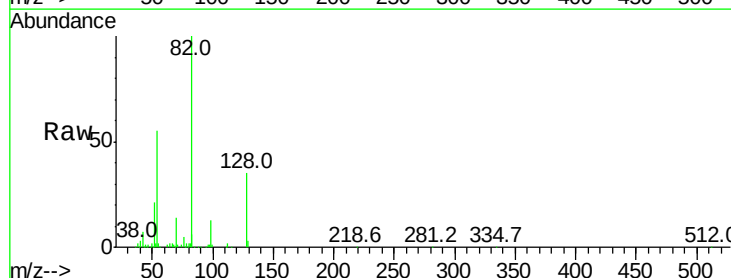
Ion Ratio Lower Upper

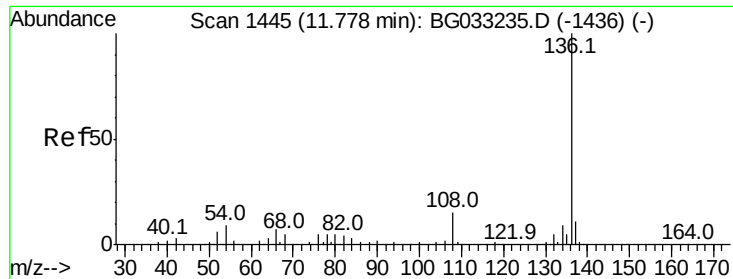
70 100

42 52.2 49.1 73.7

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

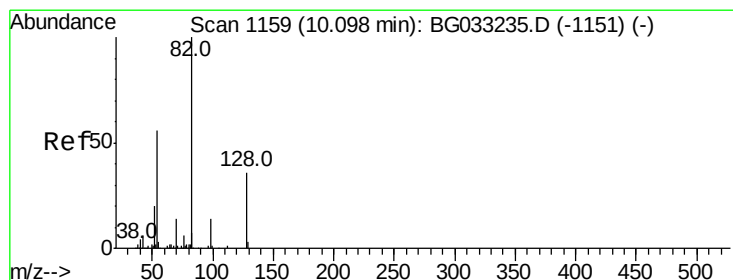
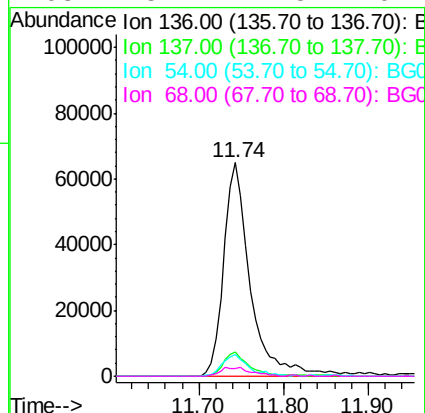
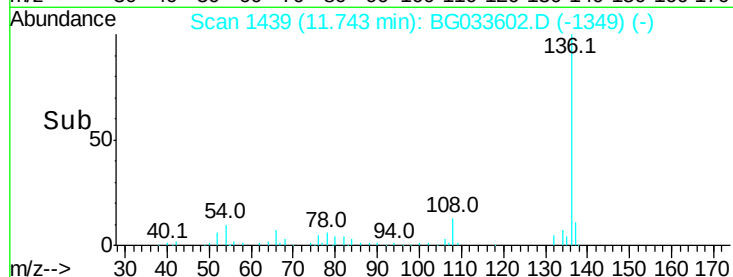
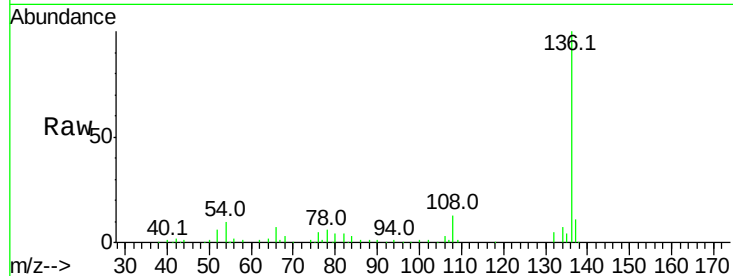




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033602.D
Acq: 5 Apr 2018 21:04

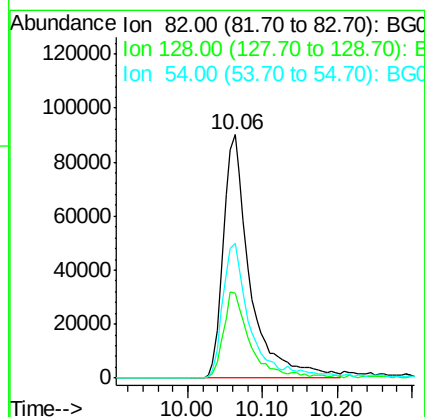
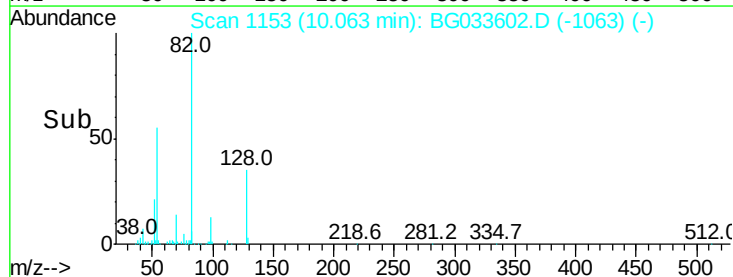
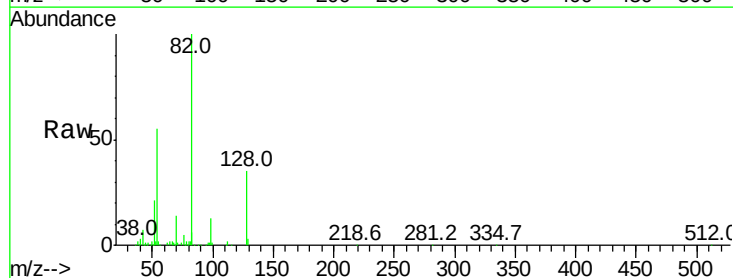
Instrument :
BNA_G
ClientSampleId :

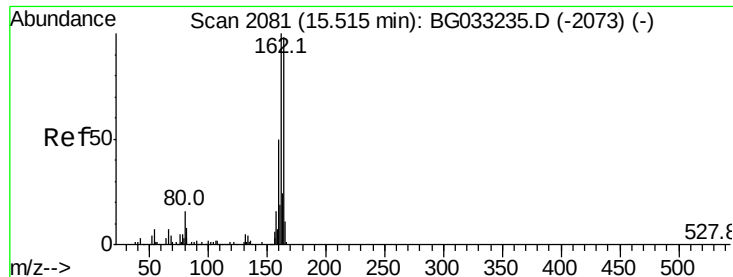
Tot Ion:136	Resp:	141321
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	10.3	10.3 15.5
68	3.4	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 73.014 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG033602.D
Acq: 5 Apr 2018 21:04

Tgt Ion: 82	Resp:	224586
Ion	Ratio	Lower Upper
82	100	
128	34.7	29.7 44.5
54	55.2	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033602.D

Acq: 5 Apr 2018 21:04

Instrument :

BNA_G

ClientSampleId :

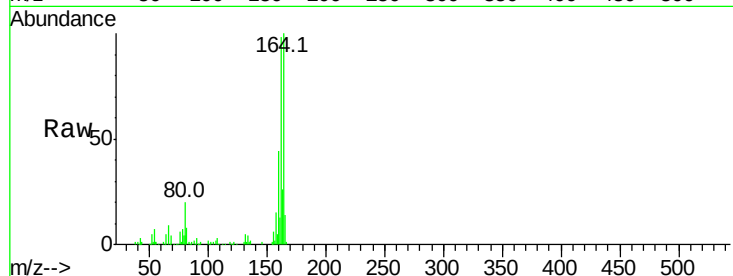
Tot Ion:164 Resp: 115664

Ion Ratio Lower Upper

164 100

162 98.1 78.8 118.2

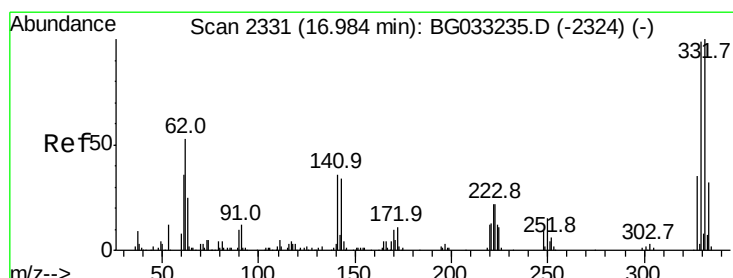
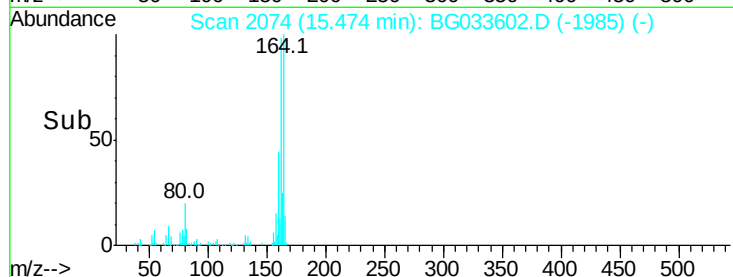
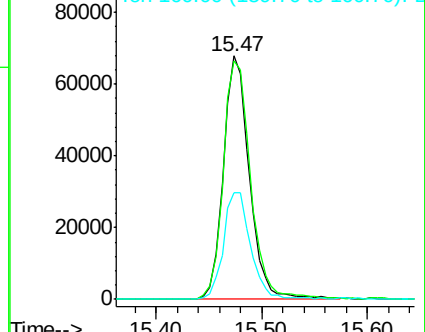
160 43.8 35.4 53.0



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: 94.493 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033602.D

Acq: 5 Apr 2018 21:04

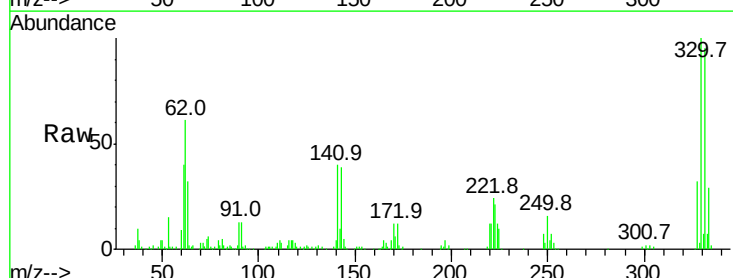
Tgt Ion:330 Resp: 163462

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

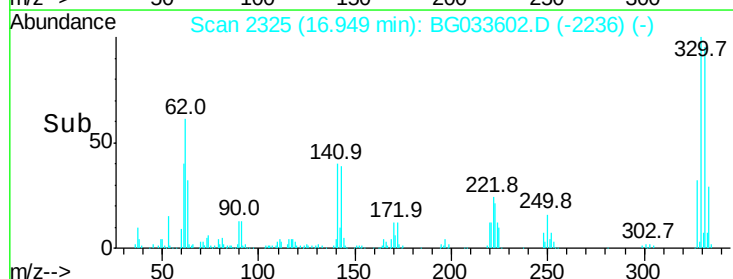
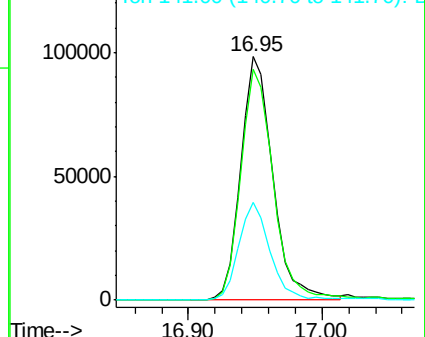
141 39.9 25.2 37.8#

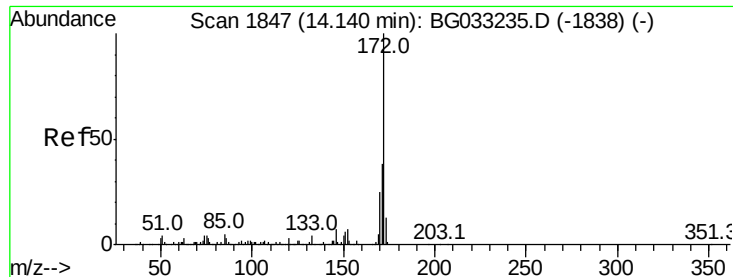


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 60.314 ng

RT: 14.11 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BG033602.D

Acq: 5 Apr 2018 21:04

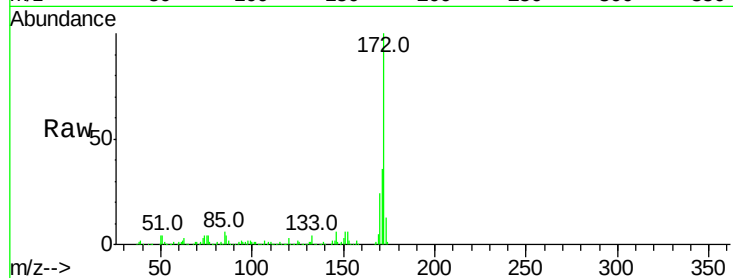
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 483233

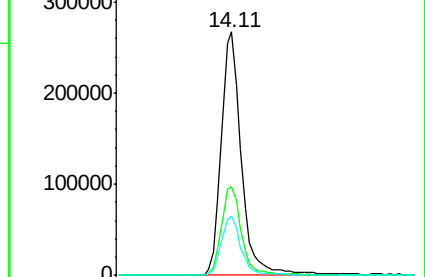
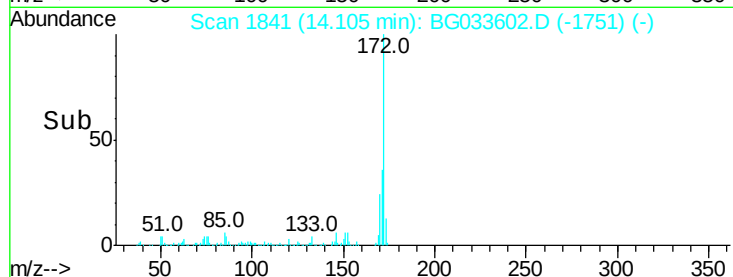
Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	24.2	19.5	29.3



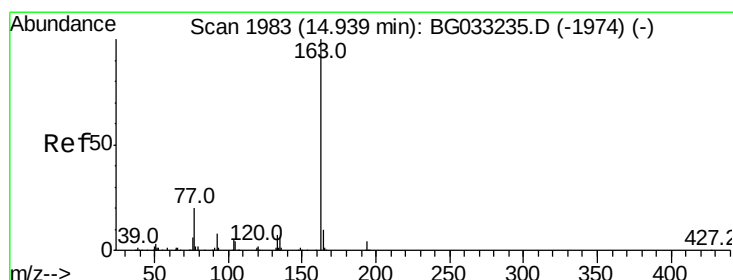
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#49

Dimethylphthalate

Concen: 4.638 ng

RT: 14.90 min Scan# 1976

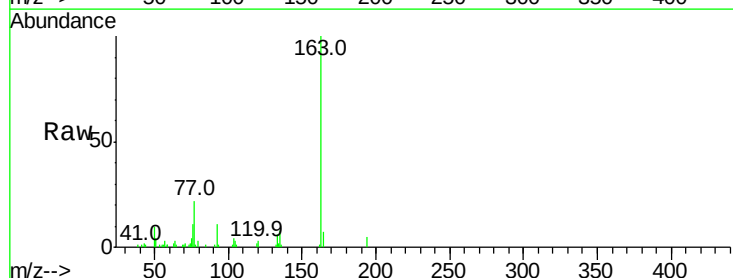
Delta R.T. -0.01 min

Lab File: BG033602.D

Acq: 5 Apr 2018 21:04

Tgt Ion:163 Resp: 46690

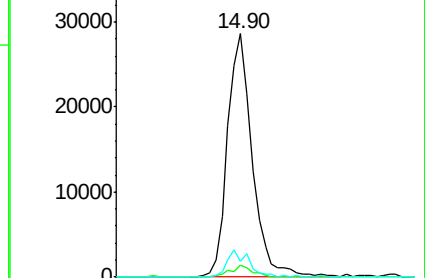
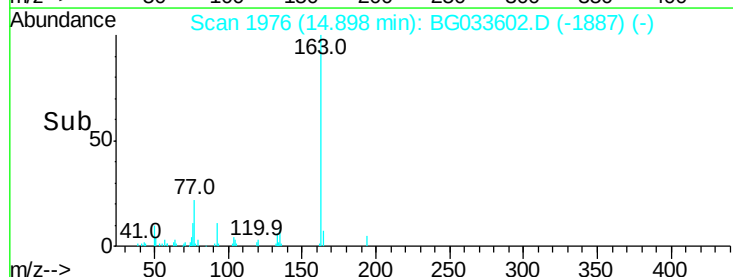
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	6.6	8.2	12.4#



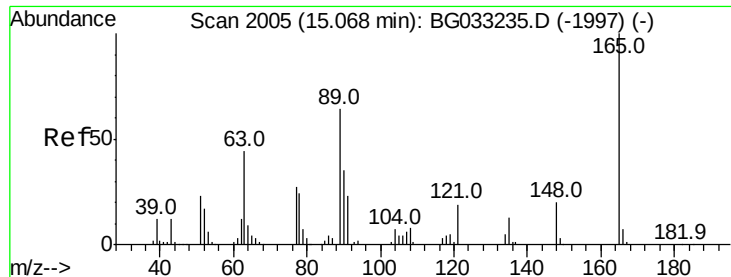
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



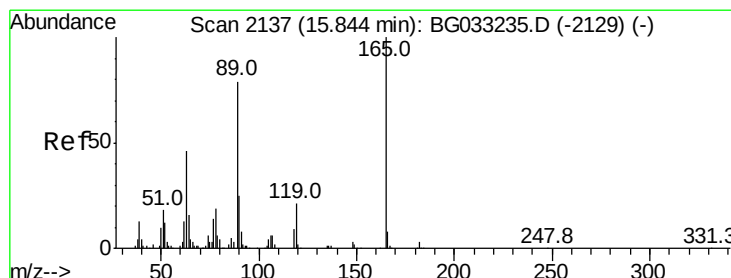
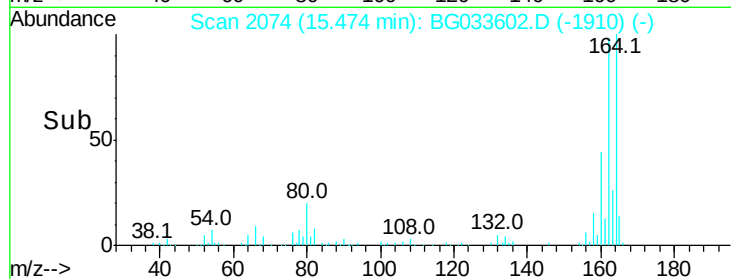
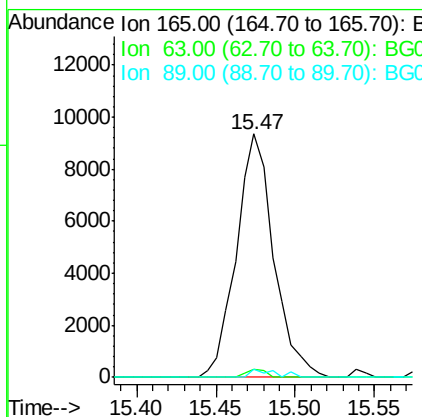
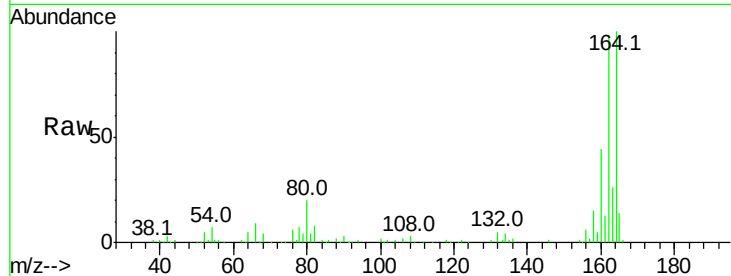
Time-->



#50
 2,6-Dinitrotoluene
 Concen: 7.414 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033602.D
 Acq: 5 Apr 2018 21:04

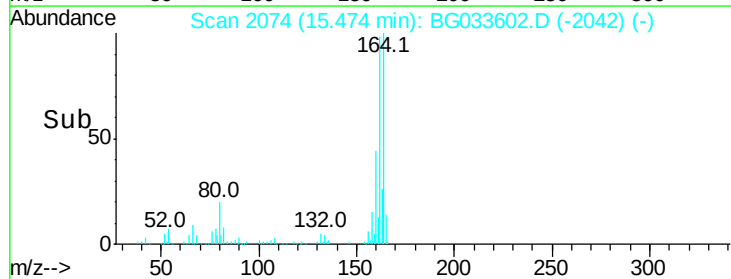
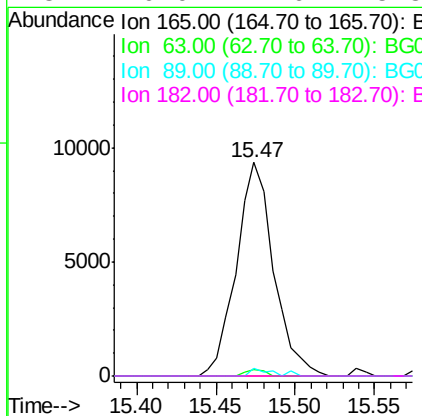
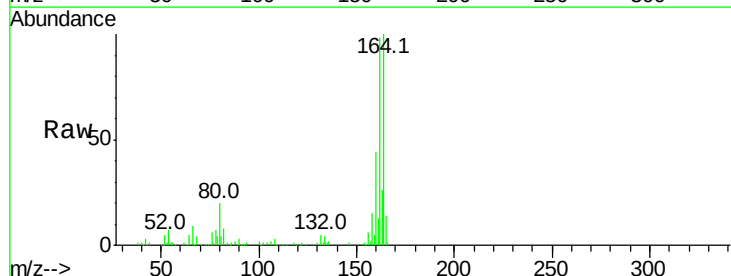
Instrument :
 BNA_G
 ClientSampleId :

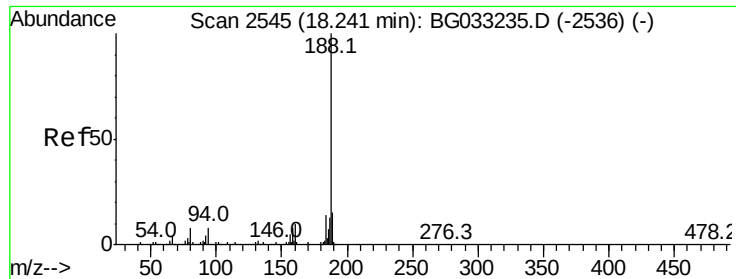
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.2	52.7	79.1#
89	3.5	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.035 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033602.D
 Acq: 5 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.2	42.0	63.0#
89	3.5	66.9	100.3#
182	0.0	2.6	3.8#

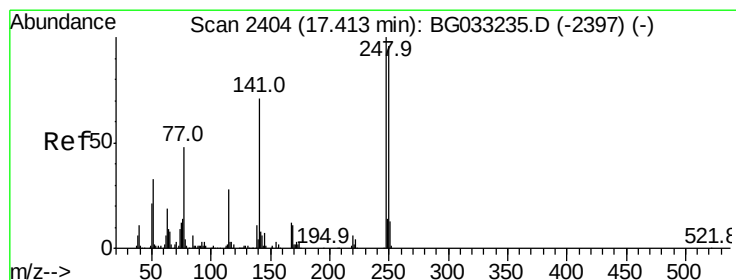
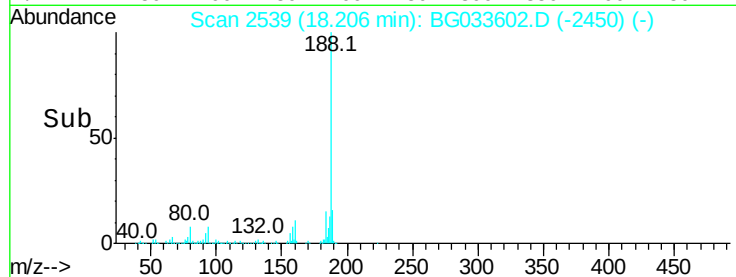
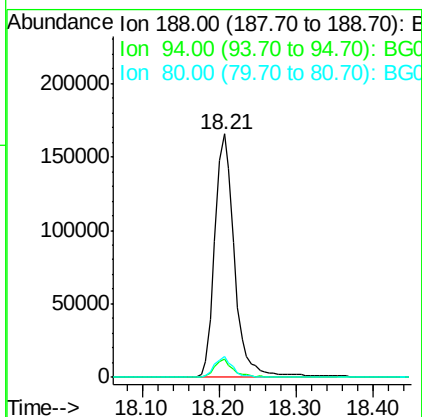
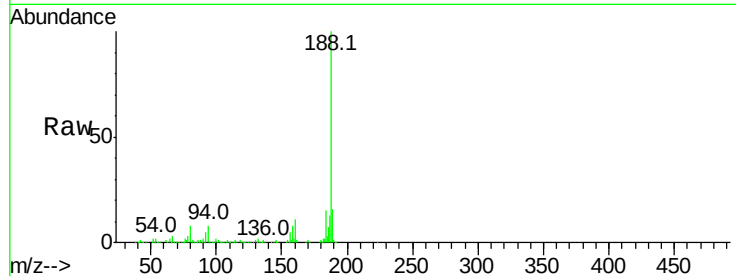




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033602.D
 Acq: 5 Apr 2018 21:04

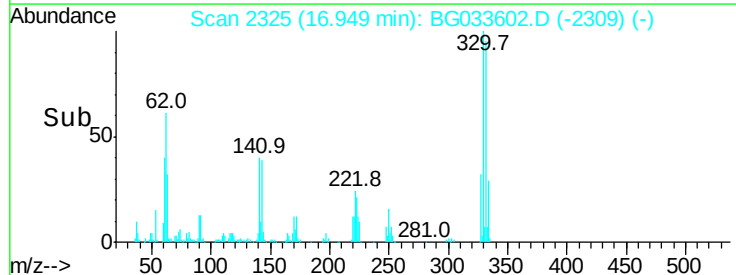
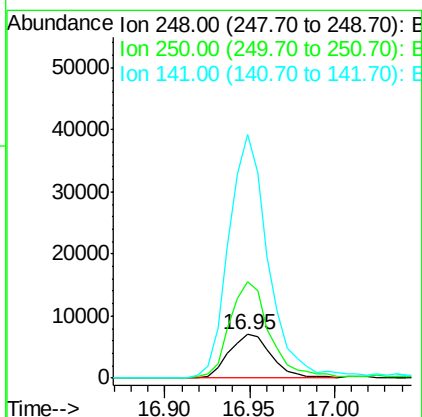
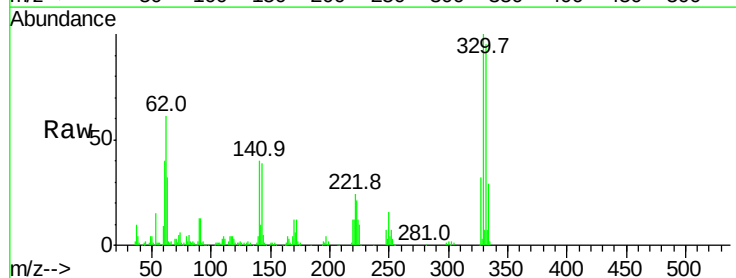
Instrument :
 BNA_G
 ClientSampleId :

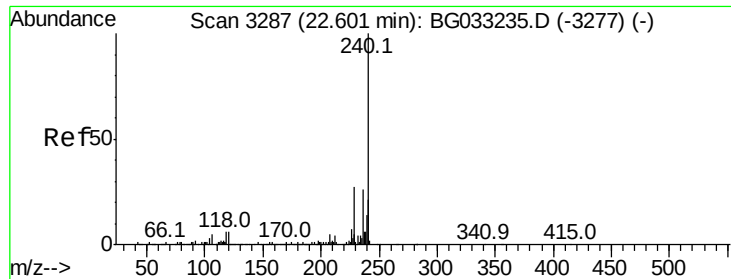
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.4	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 3.622 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG033602.D
 Acq: 5 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	222.3	77.1	115.7#
141	560.0	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033602.D

Acq: 5 Apr 2018 21:04

Instrument :

BNA_G

ClientSampleId :

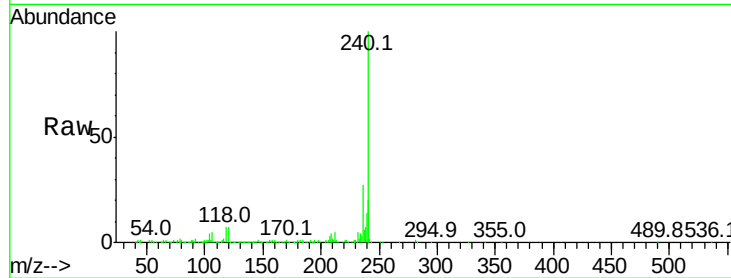
Tot Ion:240 Resp: 287409

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

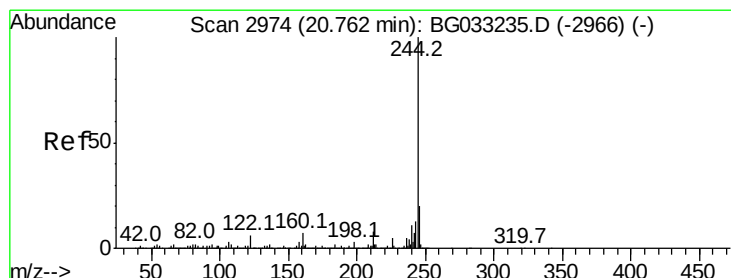
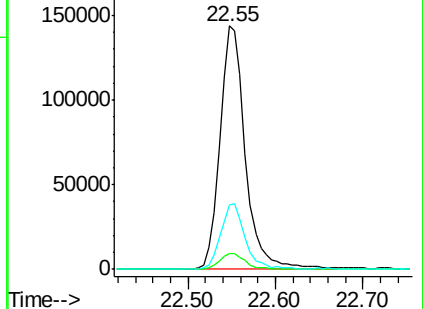
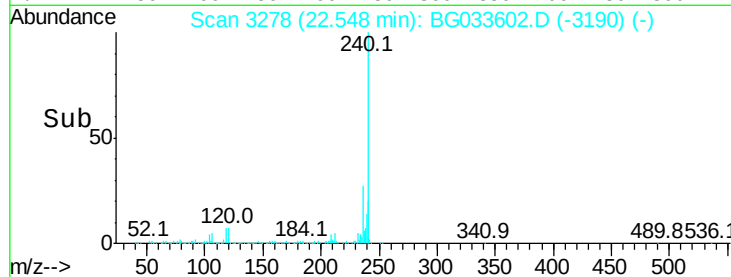
236 26.5 20.9 31.3



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: 64.513 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033602.D

Acq: 5 Apr 2018 21:04

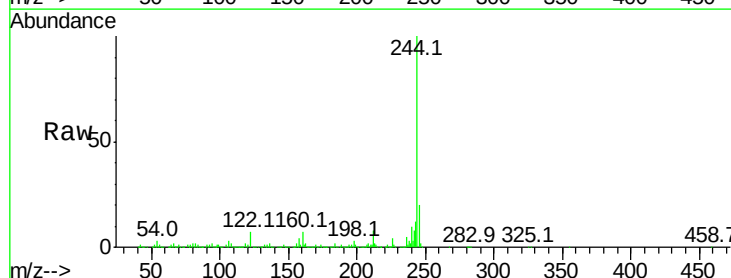
Tgt Ion:244 Resp: 866995

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

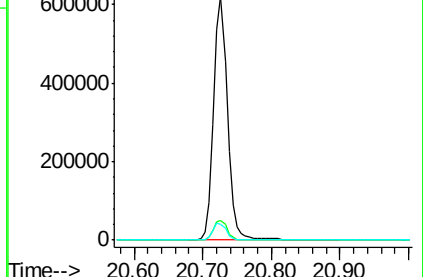
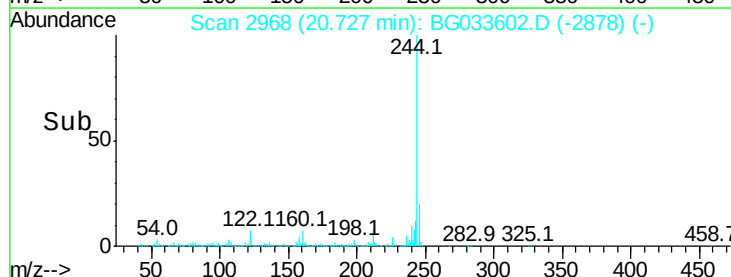
122 6.7 7.0 10.4#

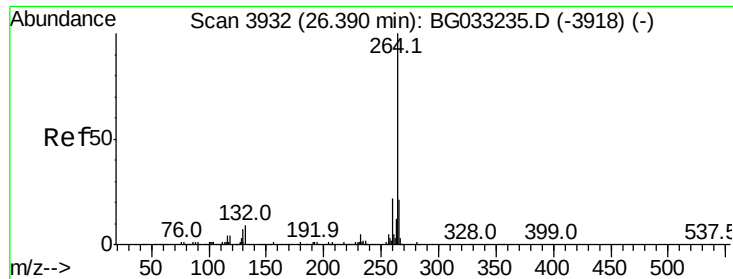


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3918
 Delta R.T. -0.01 min
 Lab File: BG033602.D
 Acq: 5 Apr 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	23.9	17.7	26.5

