

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
 Data File : BG032605.D
 Acq On : 7 Feb 2018 22:13
 Operator : SJ/JU
 Sample : J1461-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 08 02:27:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

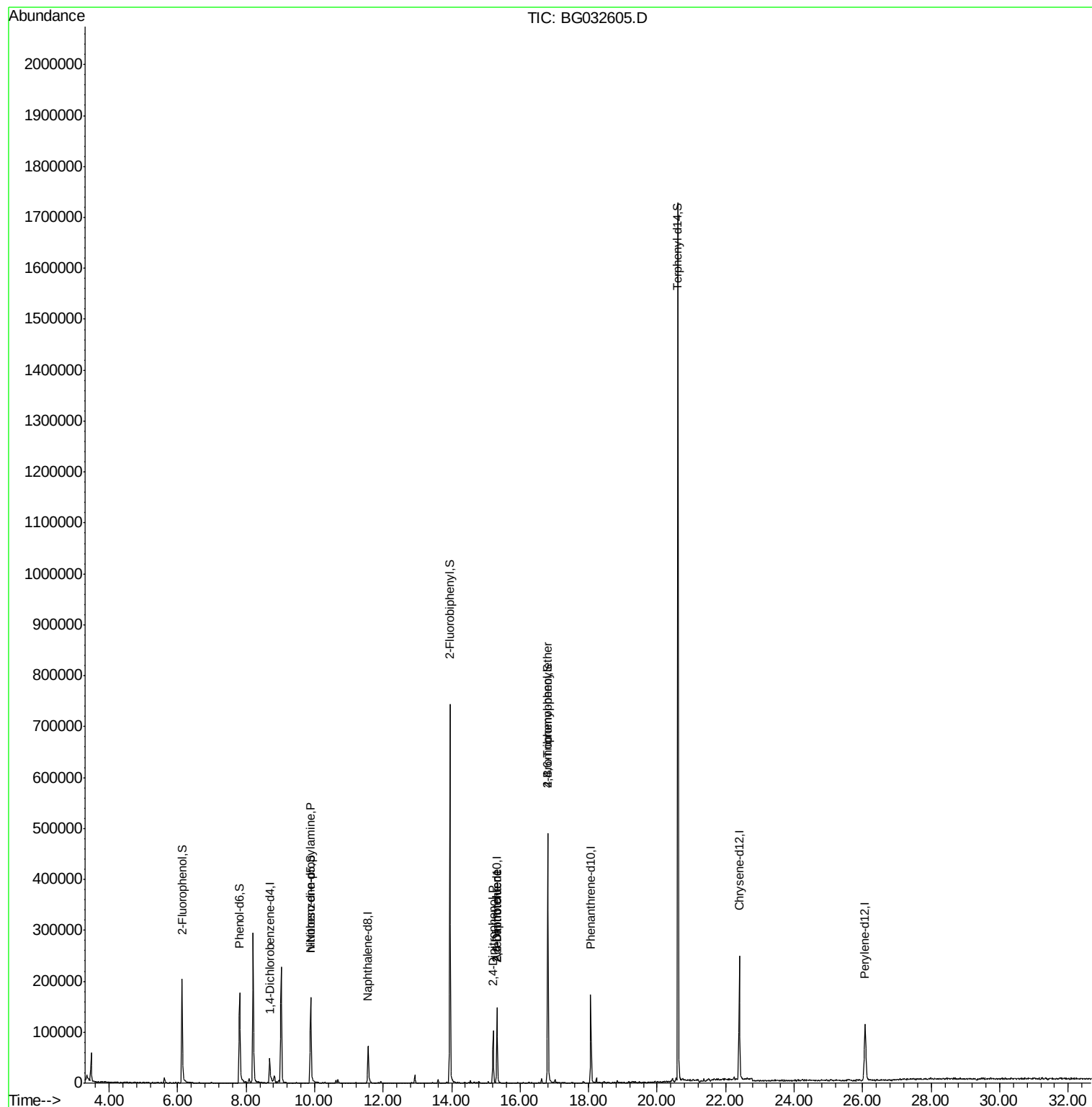
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	18444	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	81382	20.00	ng	-0.03
38) Acenaphthene-d10	15.32	164	59203	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	137992	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	193405	20.00	ng	0.00
86) Perylene-d12	26.07	264	158523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	115732	126.03	ng	-0.01
7) Phenol-d6	7.81	99	130357	106.38	ng	-0.01
23) Nitrobenzene-d5	9.88	82	117041	89.83	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	140080	124.30	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	407281	81.77	ng	-0.02
78) Terphenyl-d14	20.61	244	935571	103.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.88	70	16655	20.50	ng	# 69
50) 2,6-Dinitrotoluene	15.32	165	7768	6.78	ng	# 18
53) 2,4-Dinitrophenol	15.21	184	251	4.44	ng	# 1
56) 2,4-Dinitrotoluene	15.32	165	7768	4.76	ng	# 16
66) 4-Bromophenyl-phenylether	16.80	248	10072	4.93	ng	# 1

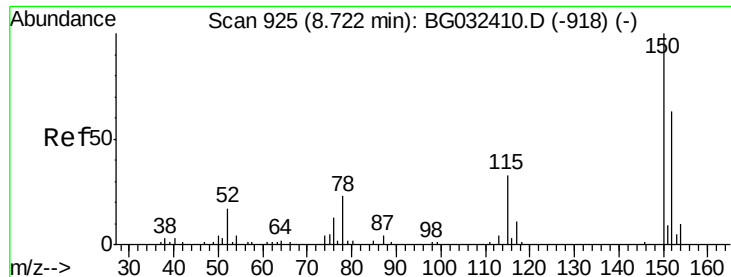
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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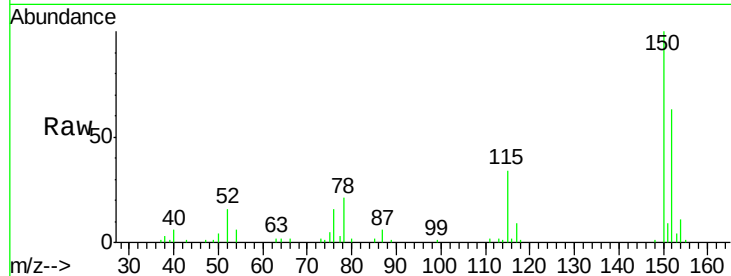


#1

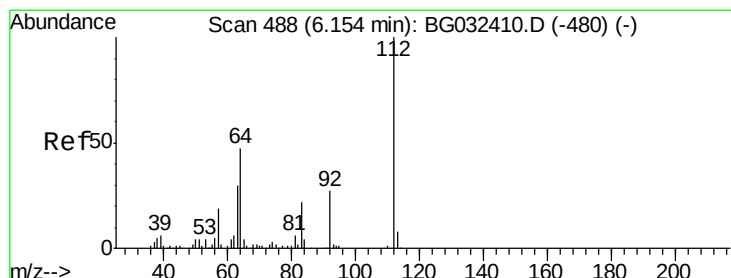
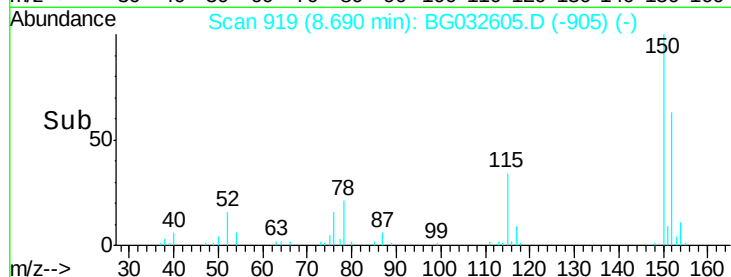
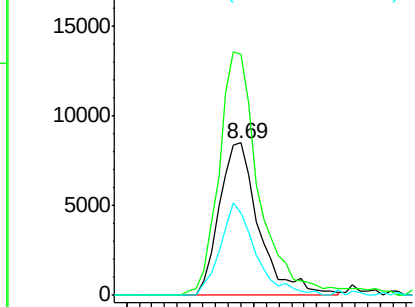
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032605.D
Acq: 7 Feb 2018 22:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 18444
Ion Ratio Lower Upper
152 100
150 158.2 126.6 189.8
115 53.8 53.0 79.4



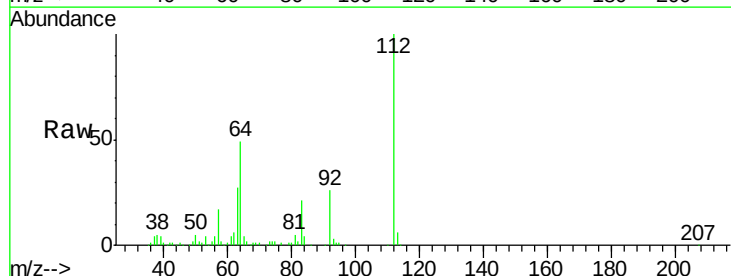
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



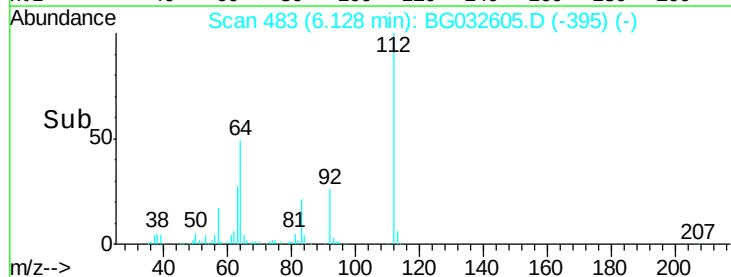
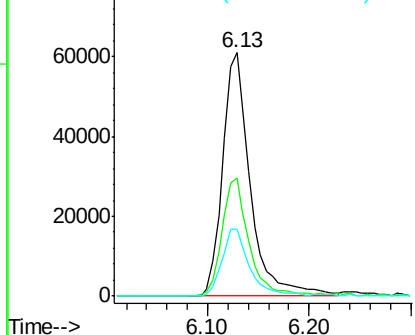
#5

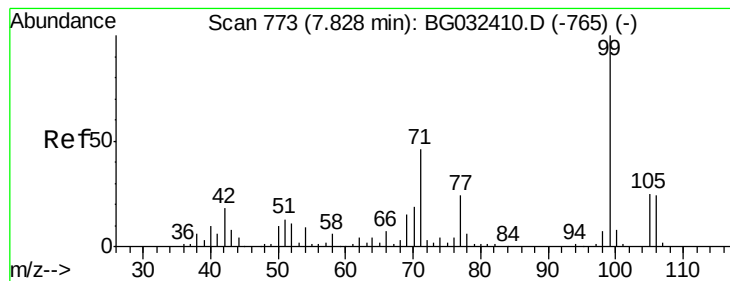
2-Fluorophenol
Concen: 126.03 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.01 min
Lab File: BG032605.D
Acq: 7 Feb 2018 22:13

Tgt Ion:112 Resp: 115732
Ion Ratio Lower Upper
112 100
64 48.8 56.3 84.5#
63 27.5 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: 106.38 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG032605.D

Acq: 7 Feb 2018 22:13

Instrument :

BNA_G

ClientSampleId :

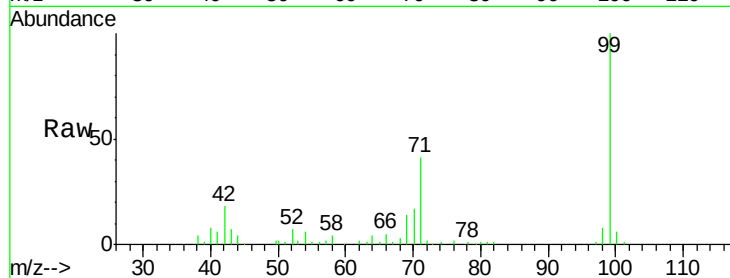
Tot Ion: 99 Resp: 130357

Ion Ratio Lower Upper

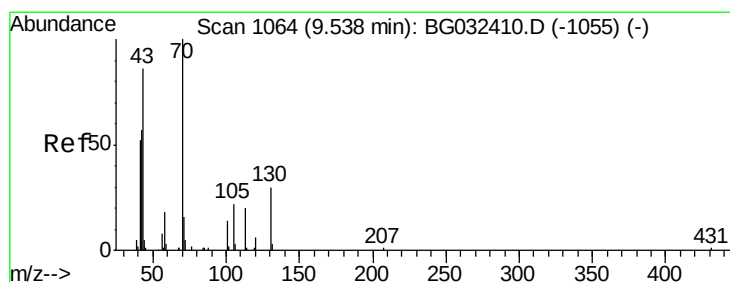
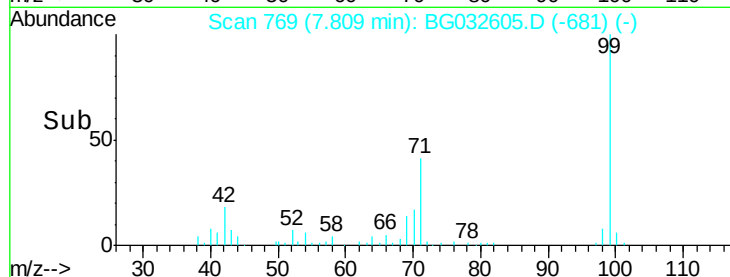
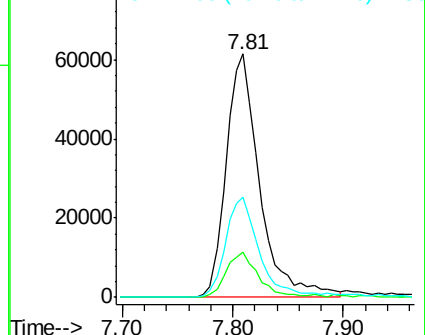
99 100

42 18.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 20.50 ng

RT: 9.88 min Scan# 1122

Delta R.T. 0.37 min

Lab File: BG032605.D

Acq: 7 Feb 2018 22:13

Tgt Ion: 70 Resp: 16655

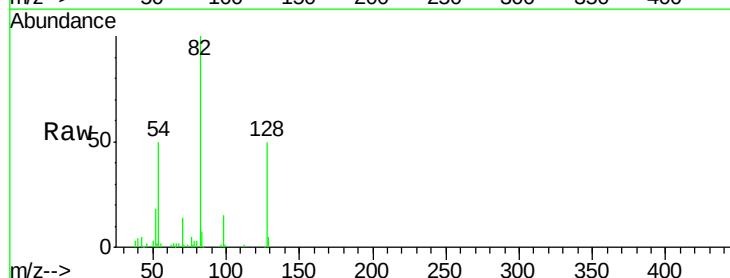
Ion Ratio Lower Upper

70 100

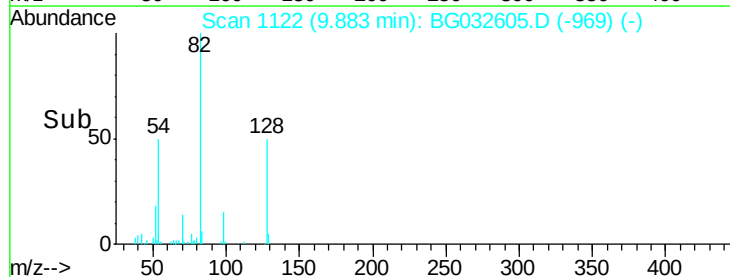
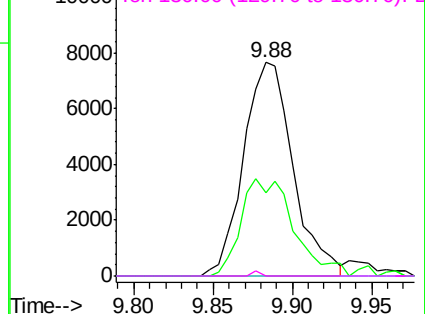
42 38.9 49.1 73.7#

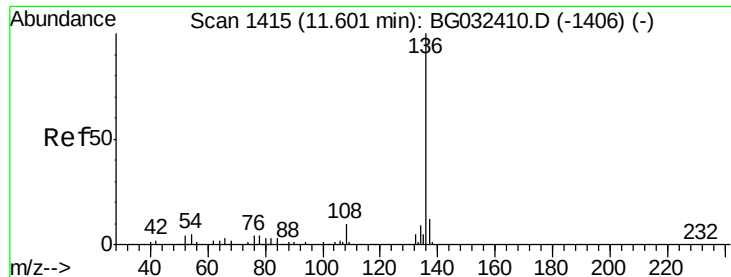
101 0.0 8.5 12.7#

130 0.0 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: 20.00 ng

RT: 11.56 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BG032605.D

Acq: 7 Feb 2018 22:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 81382

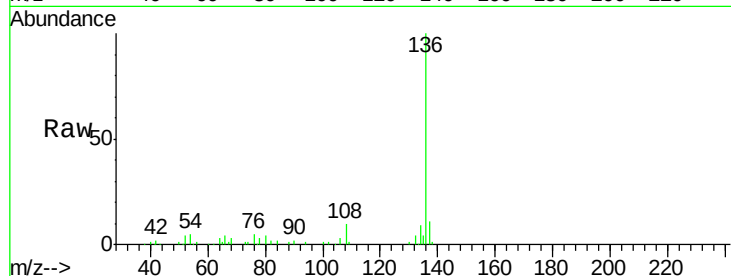
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 5.4 10.3 15.5#

68 2.6 4.5 6.7#

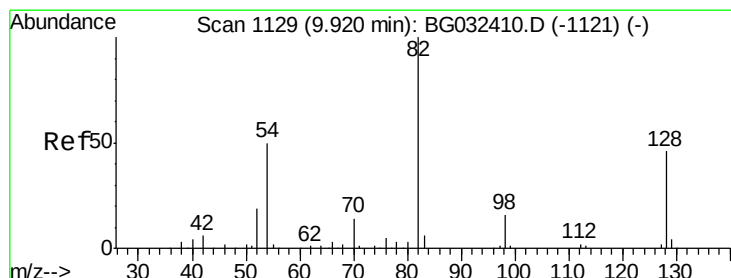
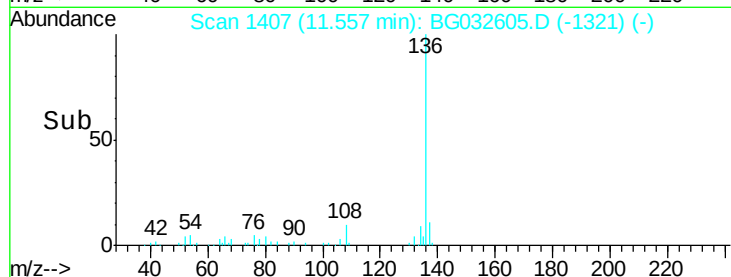
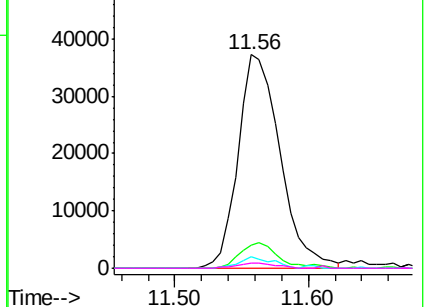


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 89.83 ng

RT: 9.88 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BG032605.D

Acq: 7 Feb 2018 22:13

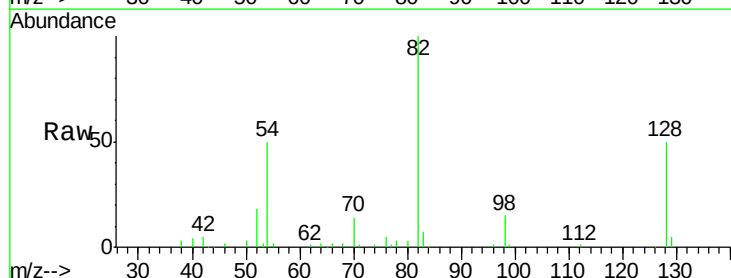
Tgt Ion: 82 Resp: 117041

Ion Ratio Lower Upper

82 100

128 49.7 29.7 44.5#

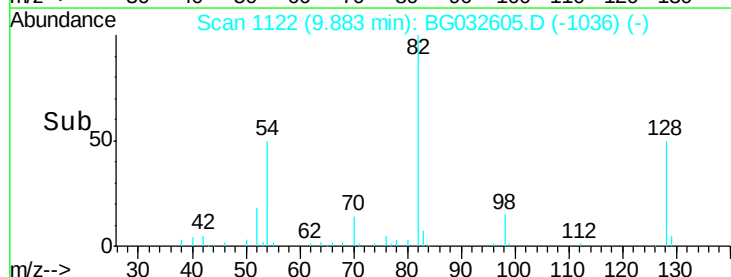
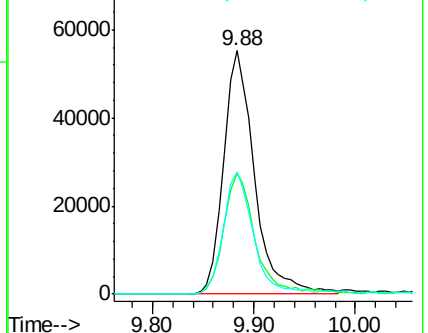
54 49.9 43.1 64.7

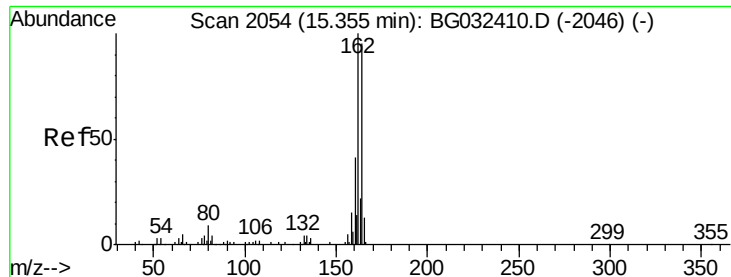


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

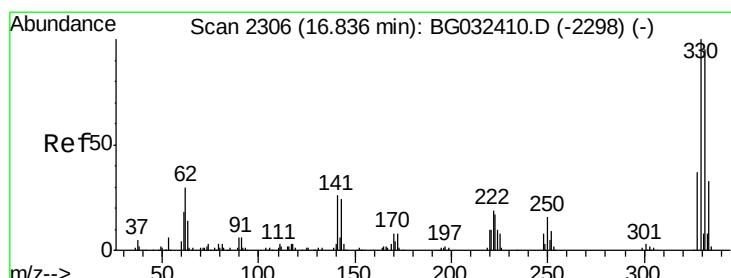
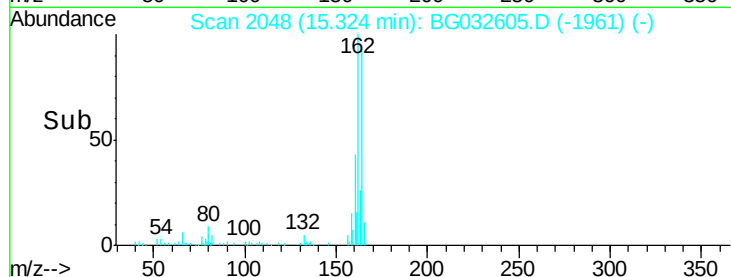
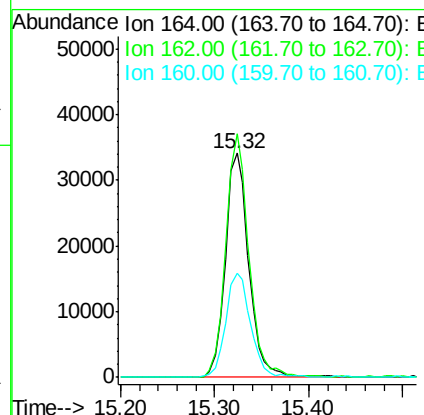
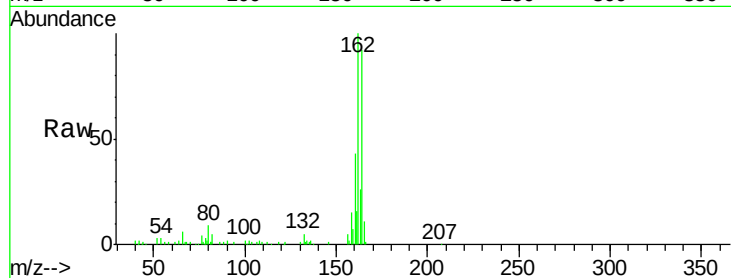




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032605.D
Acq: 7 Feb 2018 22:13

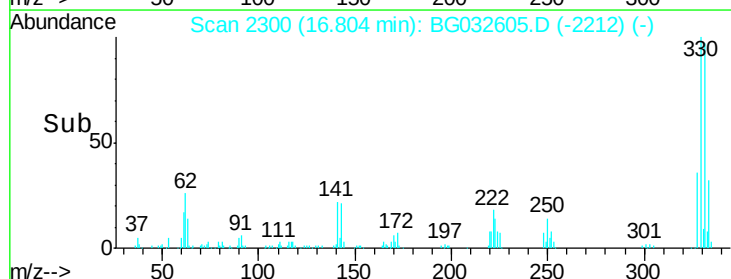
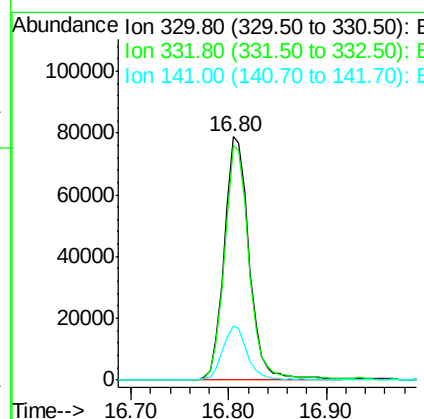
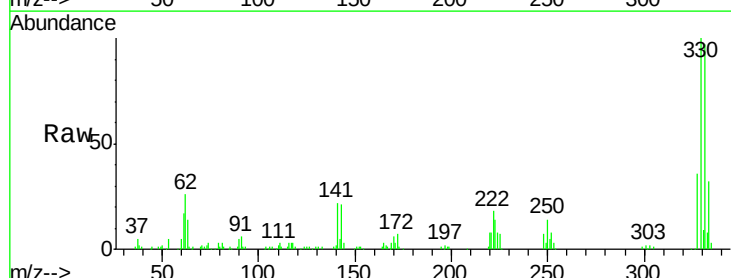
Instrument :
BNA_G
ClientSampleId :

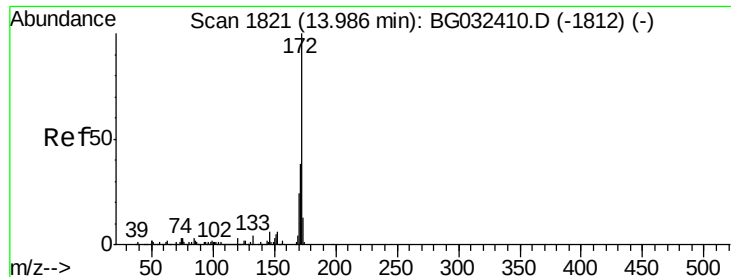
Tot Ion:164 Resp: 59203
Ion Ratio Lower Upper
164 100
162 108.7 78.8 118.2
160 46.4 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 124.30 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BG032605.D
Acq: 7 Feb 2018 22:13

Tgt Ion:330 Resp: 140080
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 21.8 25.2 37.8#

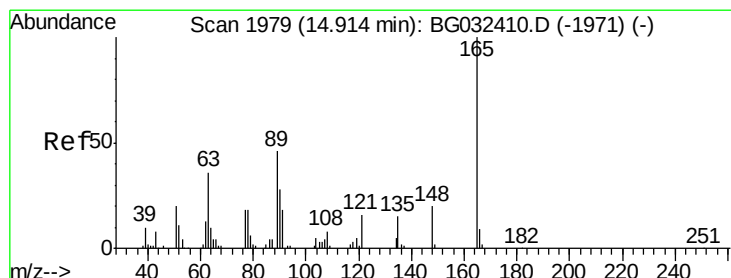
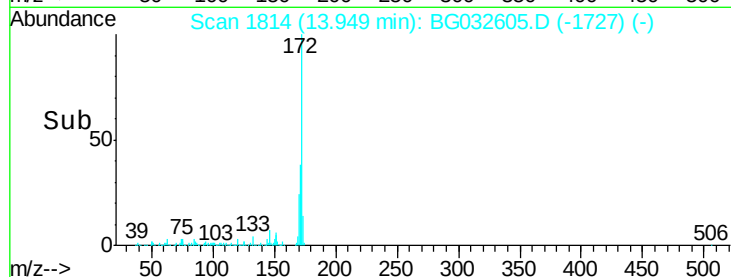
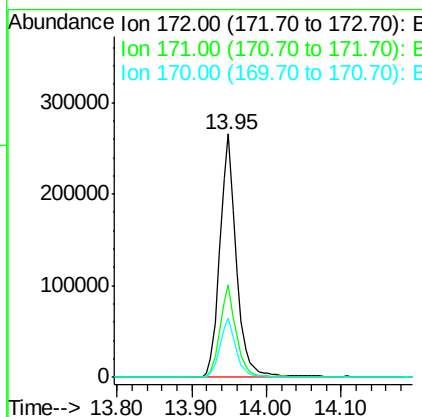
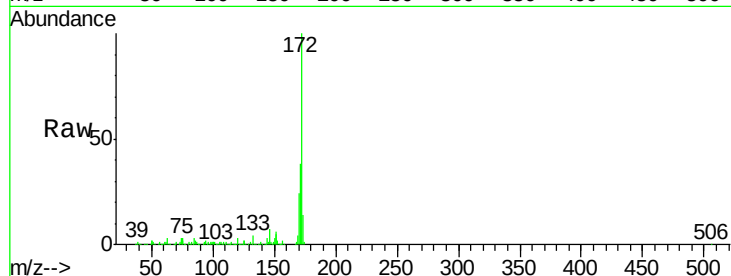




#44
2-Fluorobiphenyl
Concen: 81.77 ng
RT: 13.95 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG032605.D
Acq: 7 Feb 2018 22:13

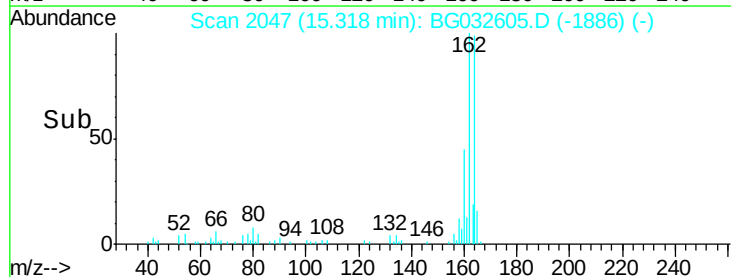
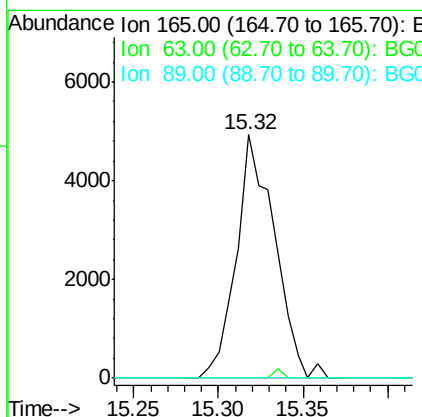
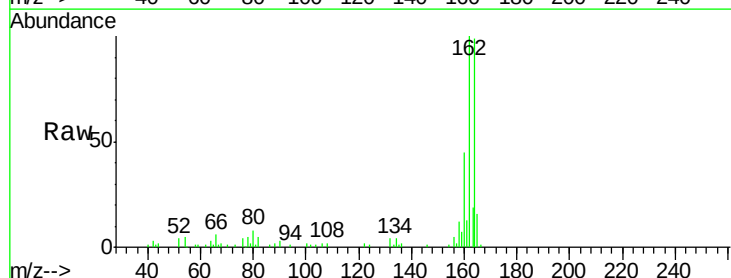
Instrument :
BNA_G
ClientSampleId :

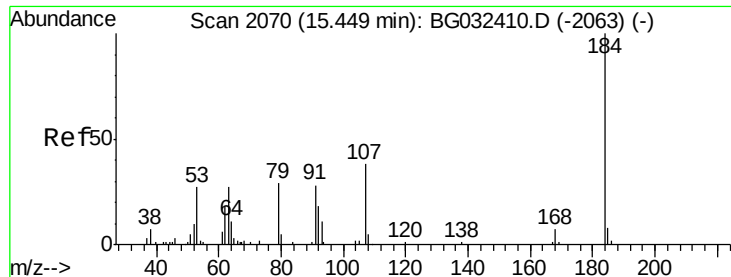
Tot Ion:172 Resp: 407281
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 24.3 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 6.78 ng
RT: 15.32 min Scan# 2047
Delta R.T. 0.41 min
Lab File: BG032605.D
Acq: 7 Feb 2018 22:13

Tgt Ion:165 Resp: 7768
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#





#53

2,4-Dinitrophenol

Concen: 4.44 ng

RT: 15.21 min Scan# 2029

Delta R.T. -0.23 min

Lab File: BG032605.D

Acq: 7 Feb 2018 22:13

Instrument :

BNA_G

ClientSampleId :

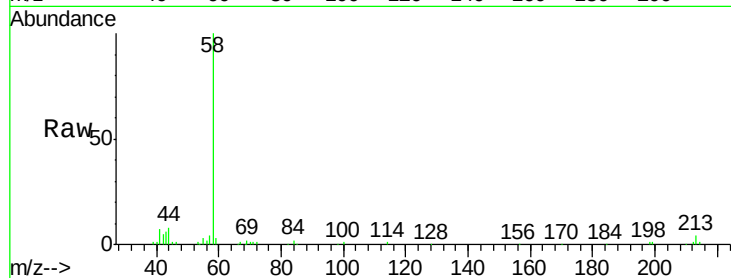
Tot Ion:184 Resp: 251

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

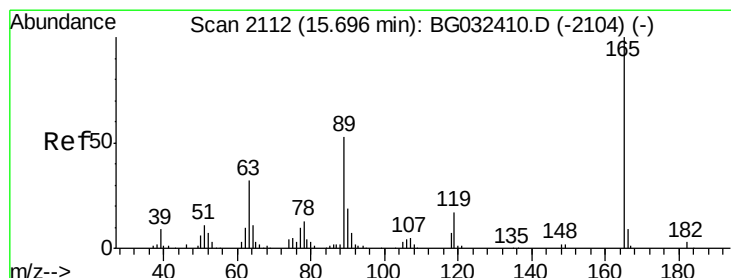
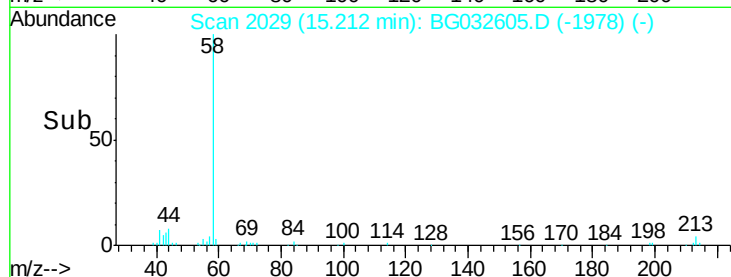
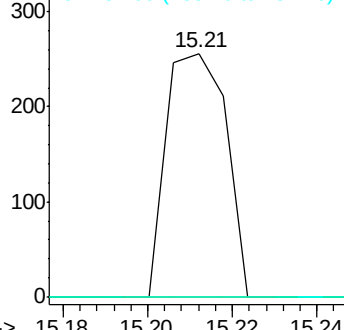
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 4.76 ng

RT: 15.32 min Scan# 2047

Delta R.T. -0.37 min

Lab File: BG032605.D

Acq: 7 Feb 2018 22:13

Tgt Ion:165 Resp: 7768

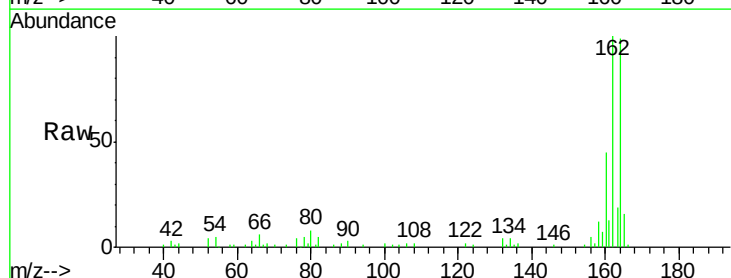
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

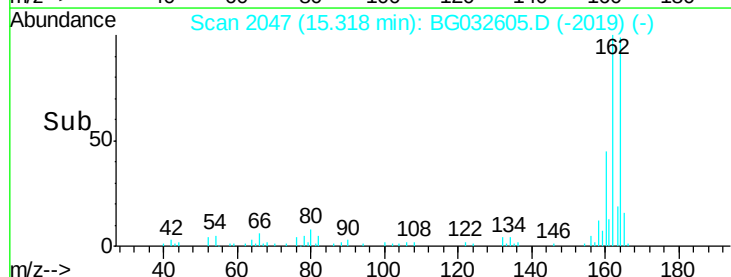
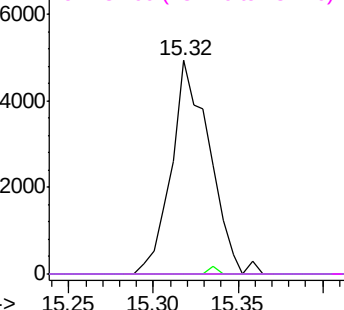


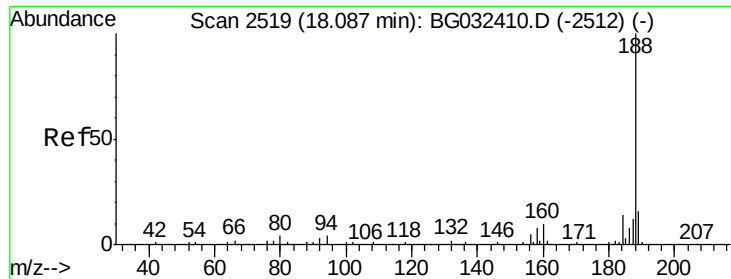
Abundance Ion 165.00 (164.70 to 165.70): E

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

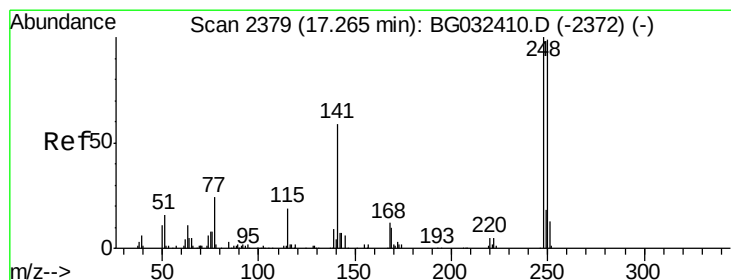
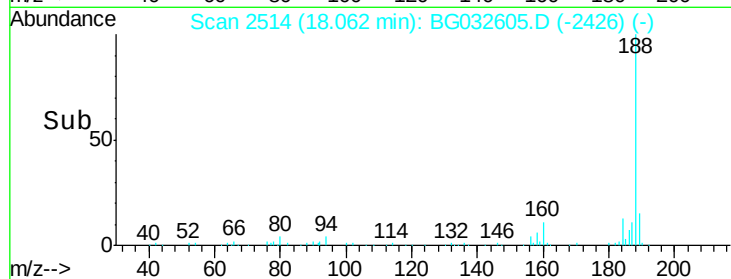
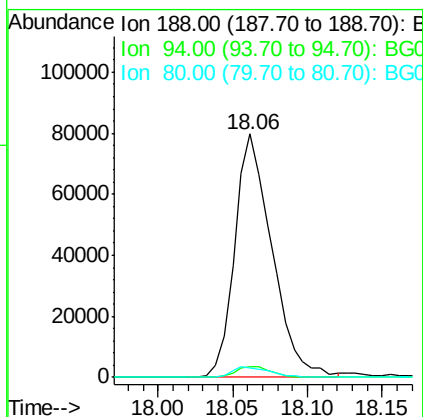
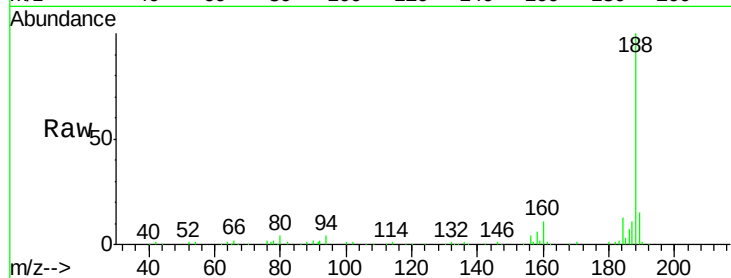




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG032605.D
Acq: 7 Feb 2018 22:13

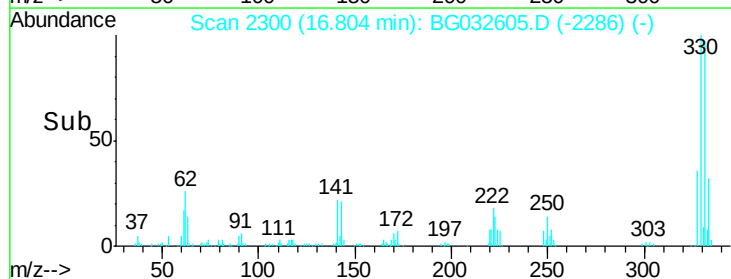
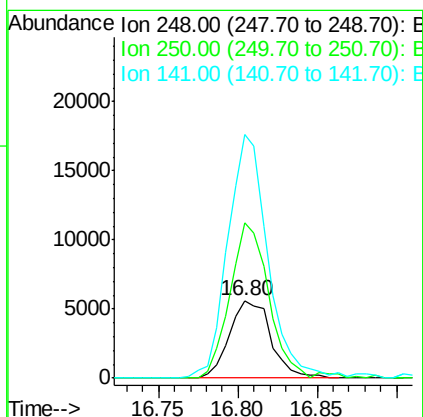
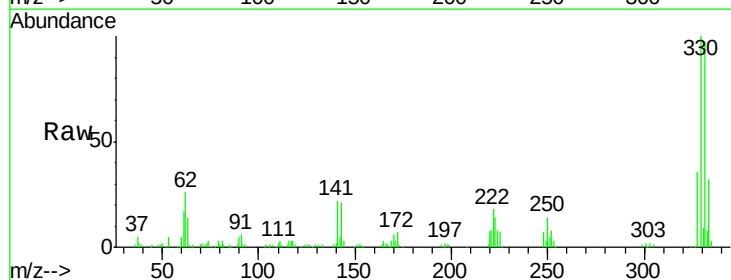
Instrument :
BNA_G
ClientSampled :

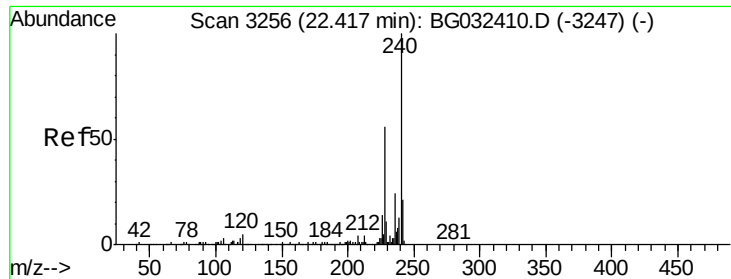
Tot Ion:188 Resp: 137992
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 3.9 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.45 min
Lab File: BG032605.D
Acq: 7 Feb 2018 22:13

Tgt Ion:248 Resp: 10072
Ion Ratio Lower Upper
248 100
250 201.6 77.1 115.7#
141 314.9 50.8 76.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032605.D

Acq: 7 Feb 2018 22:13

Instrument :

BNA_G

ClientSampleId :

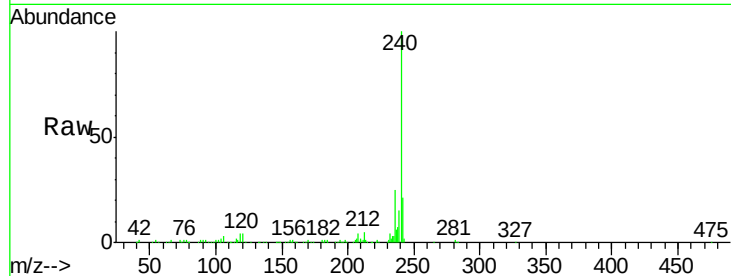
Tot Ion:240 Resp: 193405

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

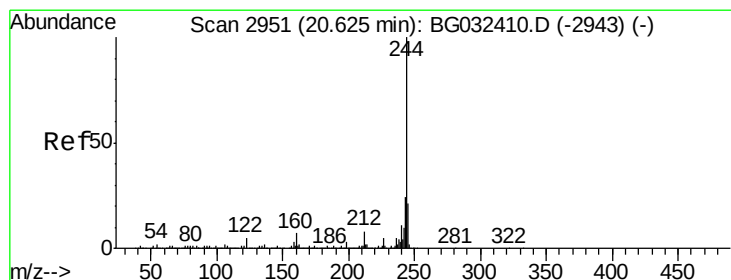
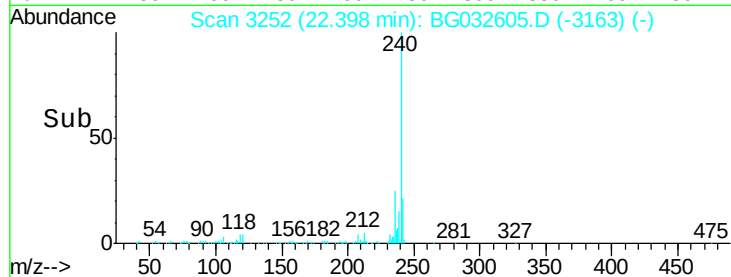
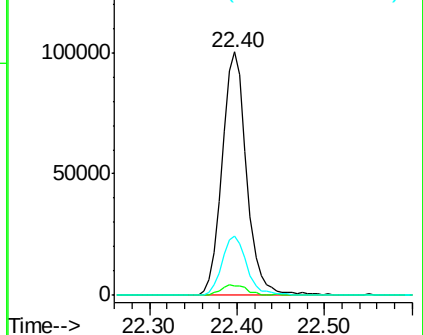
236 24.6 20.9 31.3



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: 103.62 ng

RT: 20.61 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032605.D

Acq: 7 Feb 2018 22:13

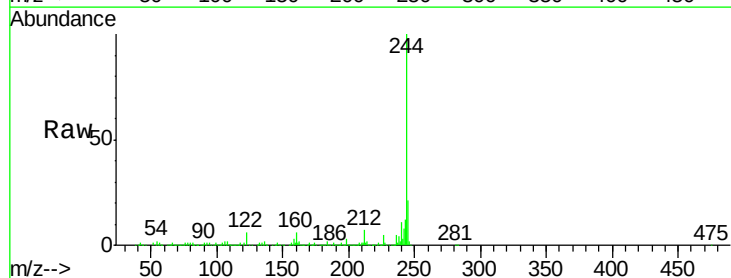
Tgt Ion:244 Resp: 935571

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

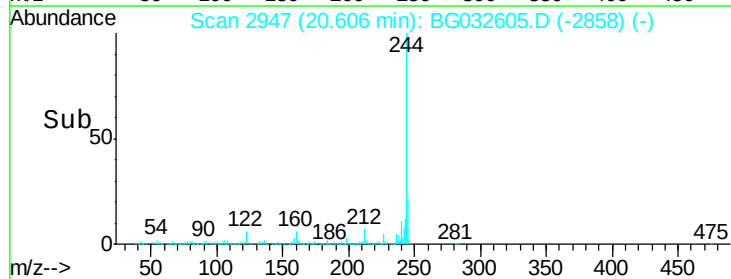
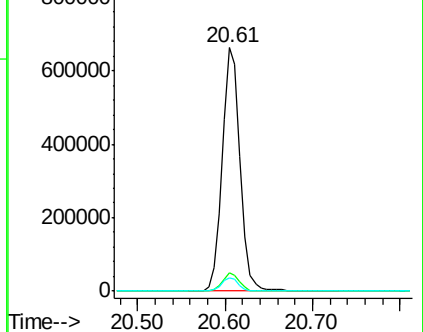
122 5.6 7.0 10.4#

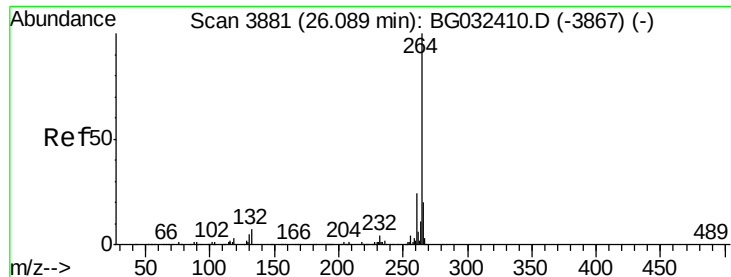


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 26.07 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: BG032605.D
 Acq: 7 Feb 2018 22:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.7	17.4	26.0
265	20.3	17.7	26.5

