

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011118\
 Data File : BG031986.D
 Acq On : 11 Jan 2018 16:23
 Operator : SJ/JU
 Sample : PB105570TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105570TB

Quant Time: Jan 11 17:22:13 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 15:23:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	69920	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	297260	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	213071	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	505177	20.00	ng	0.00
75) Chrysene-d12	22.48	240	549874	20.00	ng	0.00
86) Perylene-d12	26.21	264	551720	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	426537	111.11	ng	0.00
7) Phenol-d6	7.89	99	542958	108.94	ng	0.00
23) Nitrobenzene-d5	9.98	82	302051	76.73	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	322037	99.05	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1113357	65.58	ng	0.00
78) Terphenyl-d14	20.67	244	1720852	71.50	ng	0.00

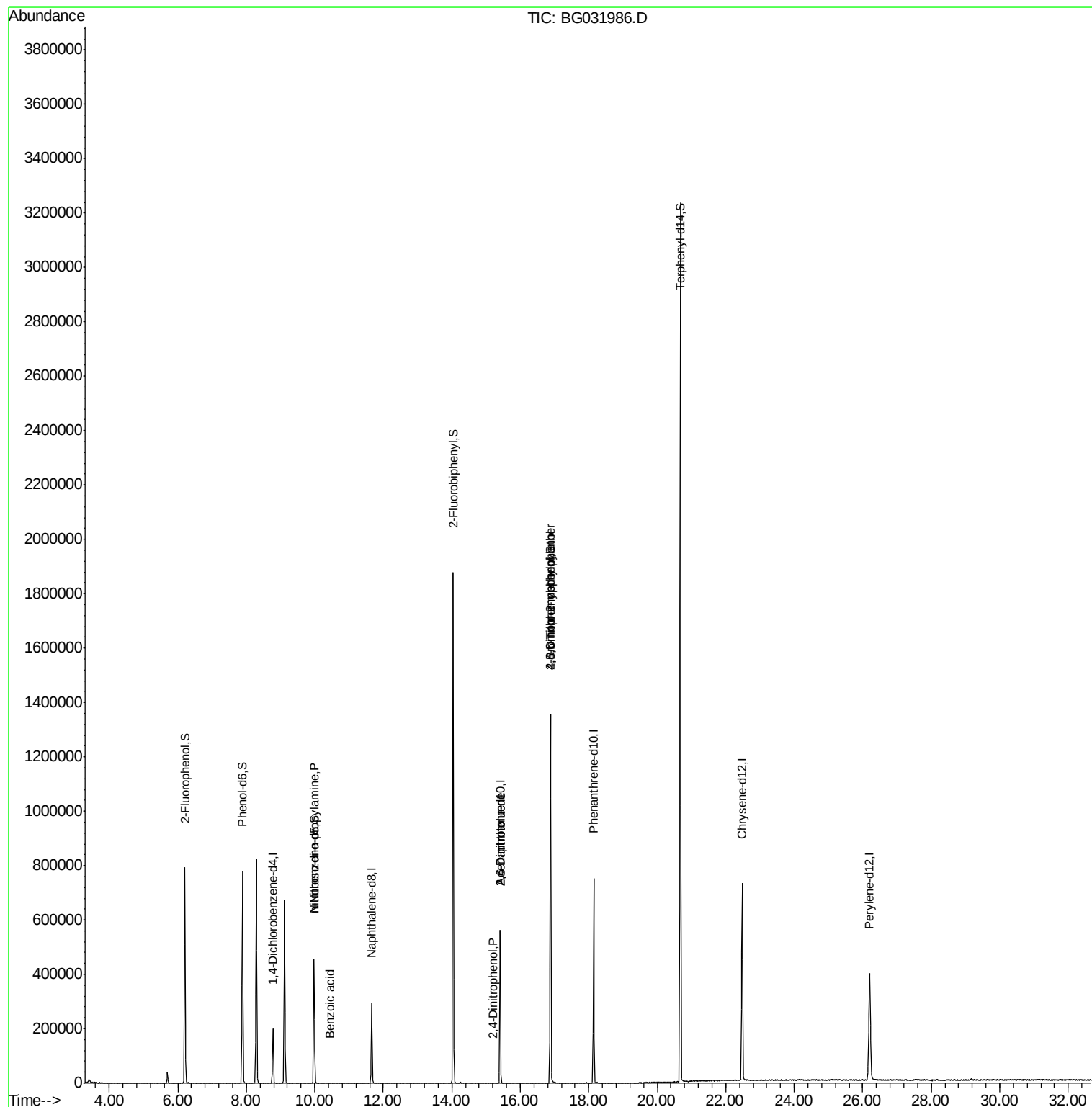
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.98	70	40109	11.784	ng	# 71
32) Benzoic acid	10.44	122	56	6.710	ng	# 1
50) 2,6-Dinitrotoluene	15.41	165	27068	7.839	ng	# 20
53) 2,4-Dinitrophenol	15.21	184	58	7.669	ng	# 1
56) 2,4-Dinitrotoluene	15.41	165	27068	6.096	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.88	198	708	8.544	ng	# 39
66) 4-Bromophenyl-phenylether	16.88	248	26051	3.566	ng	# 1

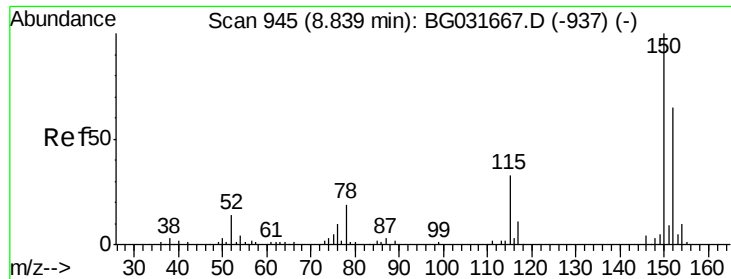
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011118\
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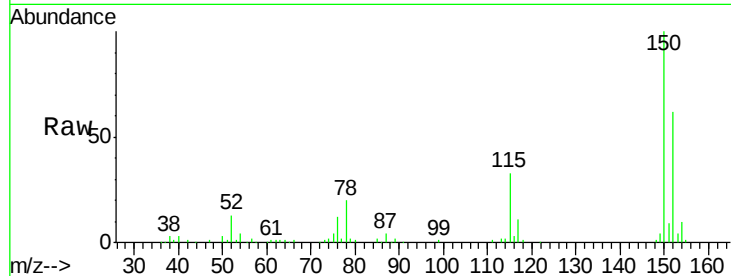


#1

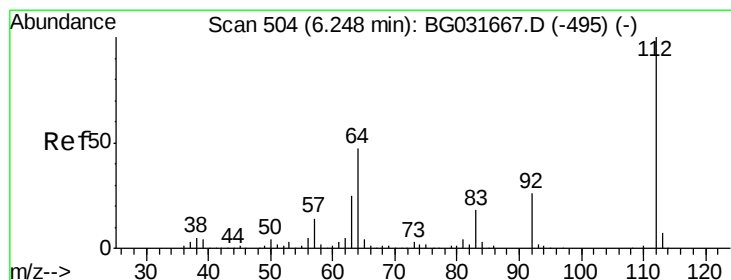
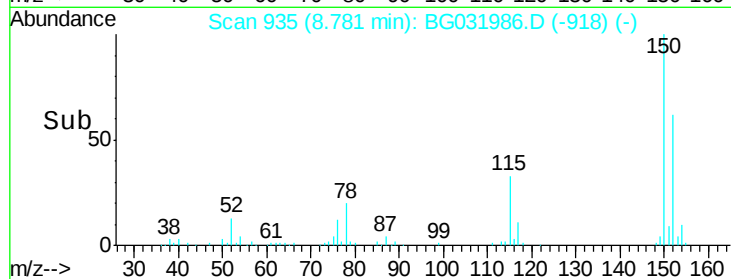
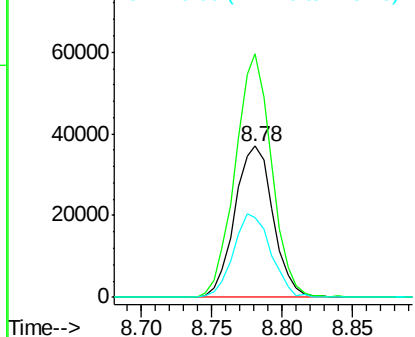
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG031986.D
Acq: 11 Jan 2018 16:23

Instrument :
BNA_G
ClientSampleId :
PB105570TB

Tgt Ion:152 Resp: 69920
Ion Ratio Lower Upper
152 100
150 161.0 126.6 189.8
115 53.0 53.0 79.4



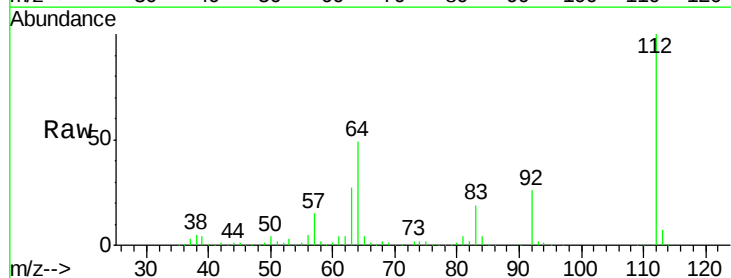
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



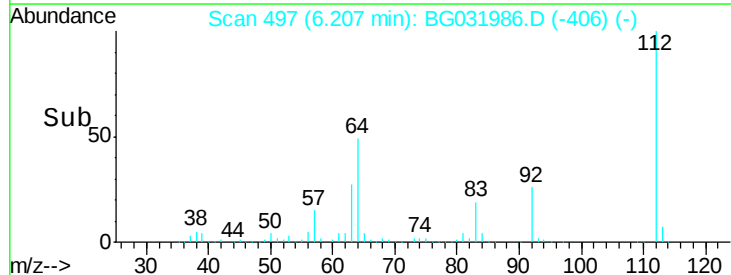
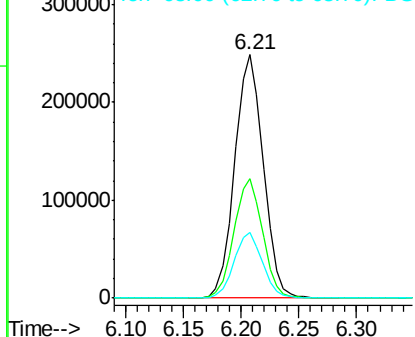
#5

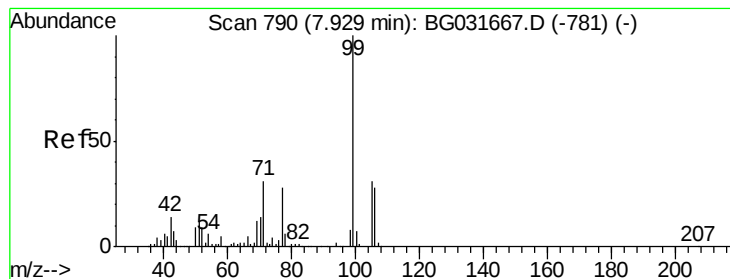
2-Fluorophenol
Concen: 111.111 ng
RT: 6.21 min Scan# 497
Delta R.T. 0.00 min
Lab File: BG031986.D
Acq: 11 Jan 2018 16:23

Tgt Ion:112 Resp: 426537
Ion Ratio Lower Upper
112 100
64 48.9 56.3 84.5#
63 27.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.938 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031986.D

Acq: 11 Jan 2018 16:23

Instrument :

BNA_G

ClientSampleId :

PB105570TB

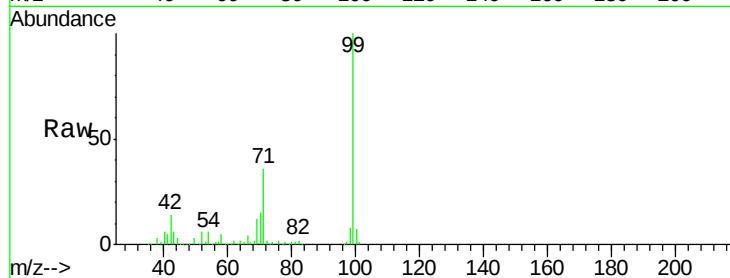
Tgt Ion: 99 Resp: 542958

Ion Ratio Lower Upper

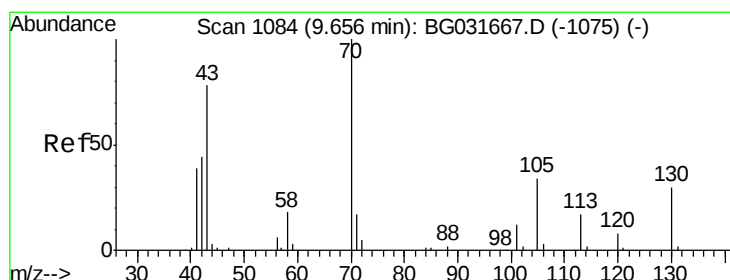
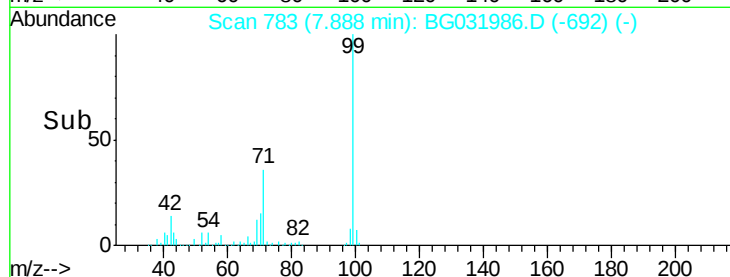
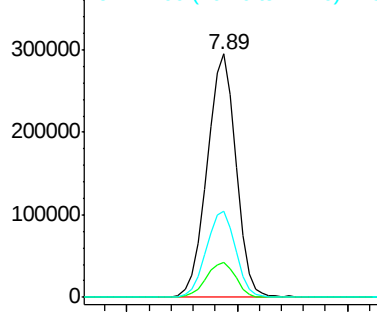
99 100

42 14.5 14.1 21.1

71 35.5 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: 11.784 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.39 min

Lab File: BG031986.D

Acq: 11 Jan 2018 16:23

Tgt Ion: 70 Resp: 40109

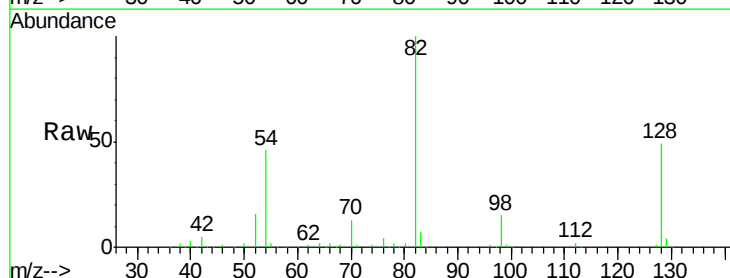
Ion Ratio Lower Upper

70 100

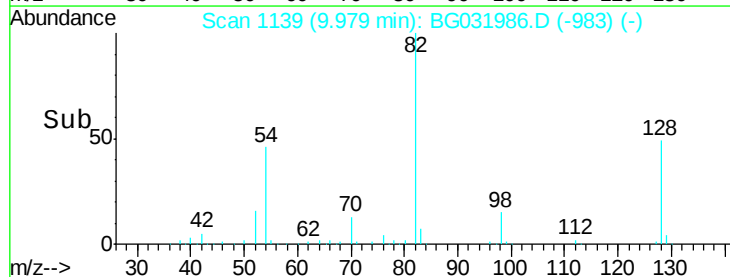
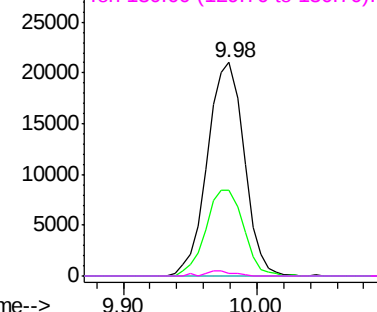
42 40.4 49.1 73.7#

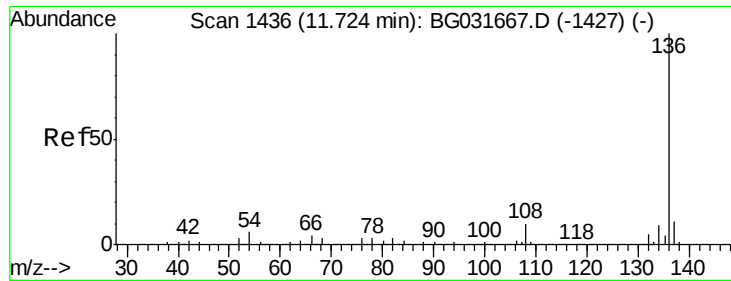
101 0.0 8.5 12.7#

130 1.4 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

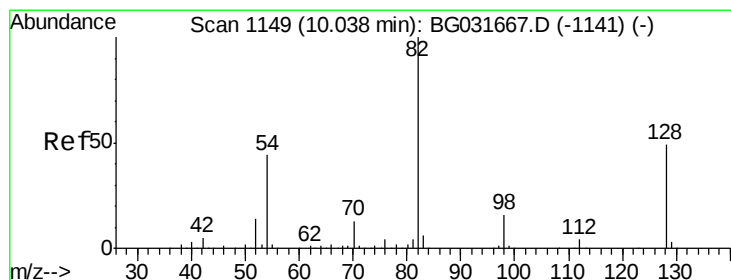
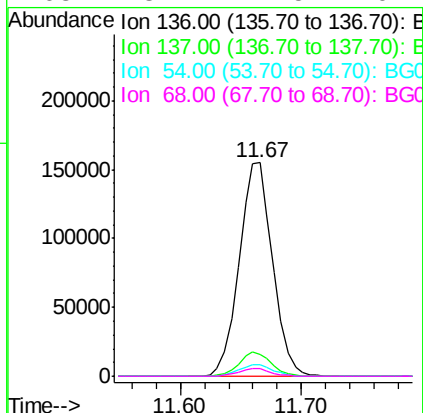
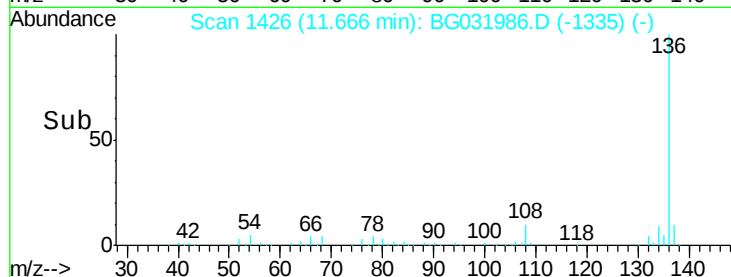
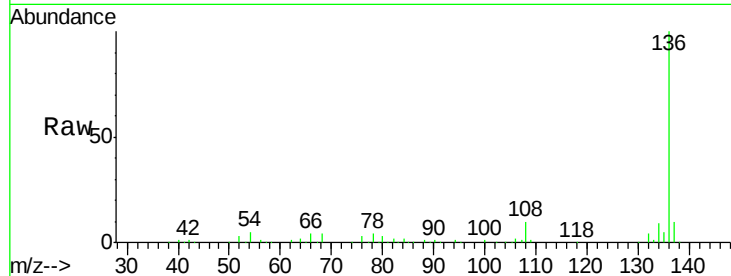




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BG031986.D
Acq: 11 Jan 2018 16:23

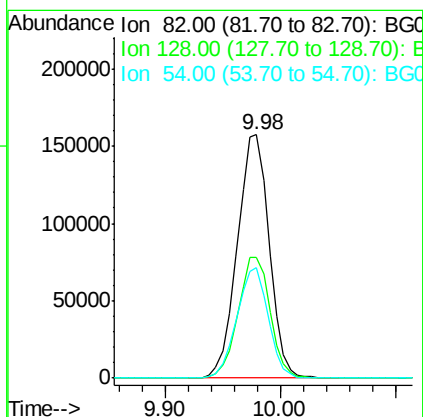
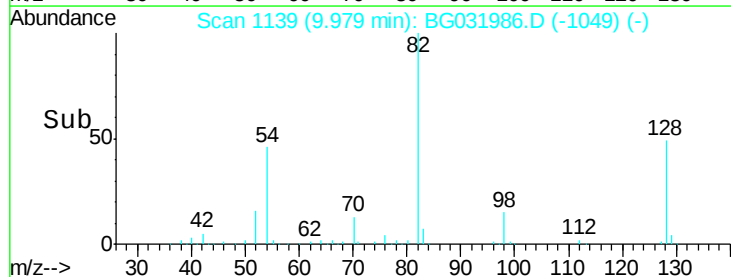
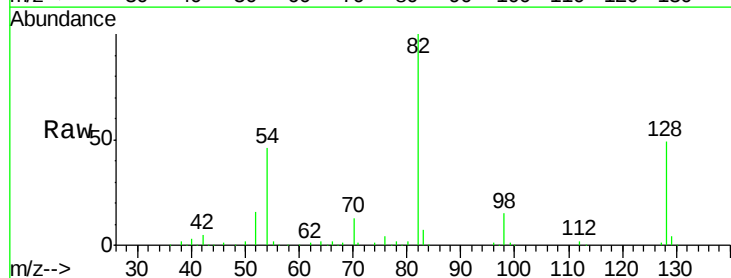
Instrument :
BNA_G
ClientSampleId :
PB105570TB

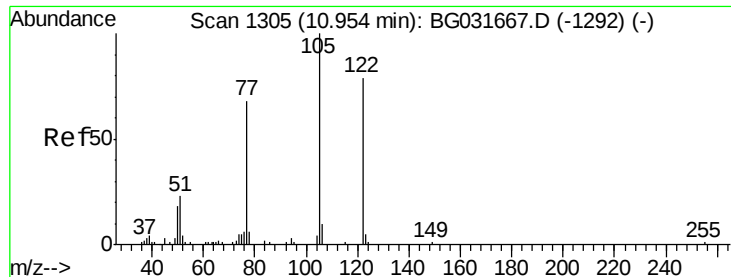
Tgt Ion: 136 Resp: 297260
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 5.2 10.3 15.5#
68 3.7 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 76.729 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031986.D
Acq: 11 Jan 2018 16:23

Tgt Ion: 82 Resp: 302051
Ion Ratio Lower Upper
82 100
128 49.5 29.7 44.5#
54 45.5 43.1 64.7





#32

Benzoic acid

Concen: 6.710 ng

RT: 10.44 min Scan# 1218

Delta R.T. -0.46 min

Lab File: BG031986.D

Acq: 11 Jan 2018 16:23

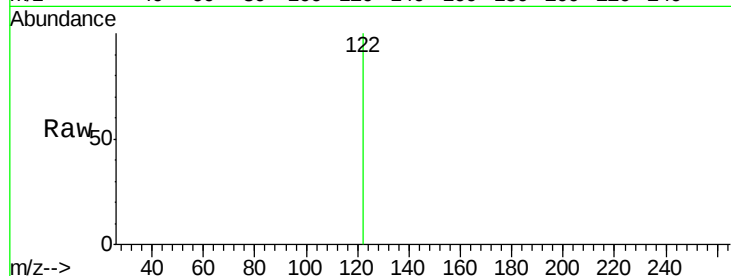
Instrument :

BNA_G

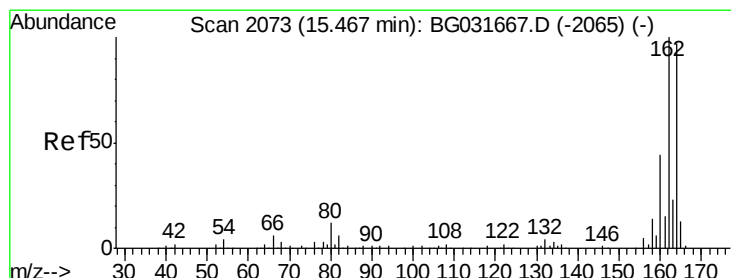
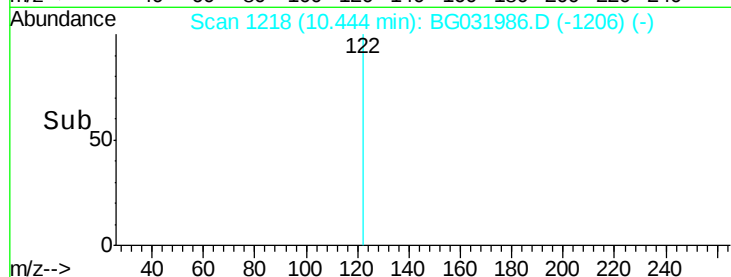
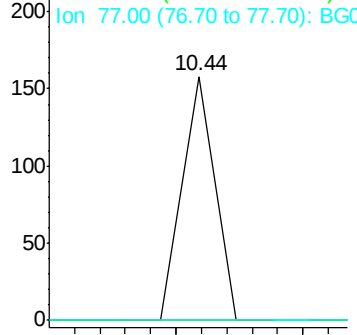
ClientSampleId :

PB105570TB

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



Abundance Ion 122.00 (121.70 to 122.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

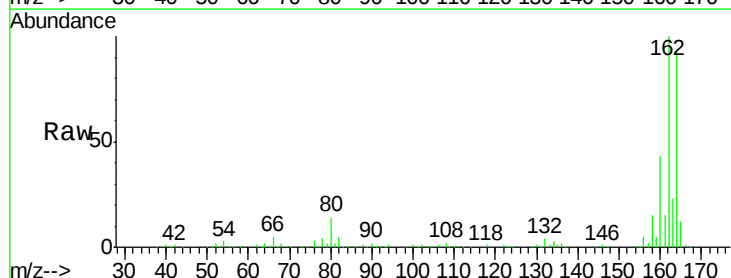
RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

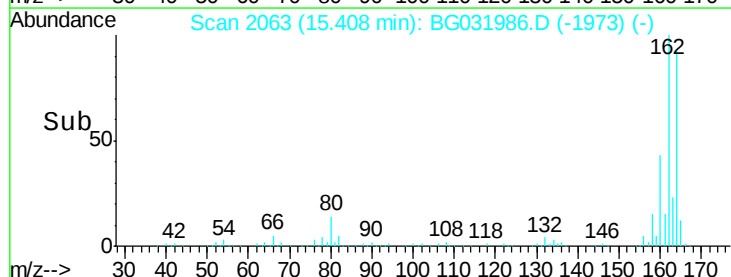
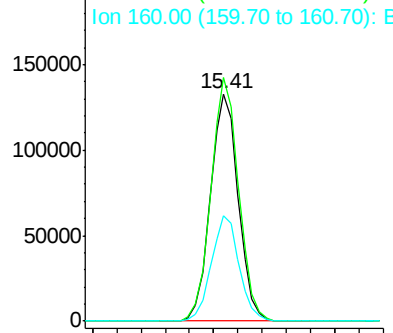
Lab File: BG031986.D

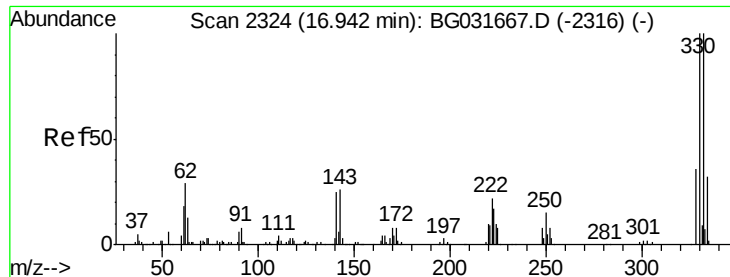
Acq: 11 Jan 2018 16:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	78.8	118.2
160	46.3	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E





#41

2,4,6-Tribromophenol

Concen: 99.053 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BG031986.D

Acq: 11 Jan 2018 16:23

Instrument :

BNA_G

ClientSampleId :

PB105570TB

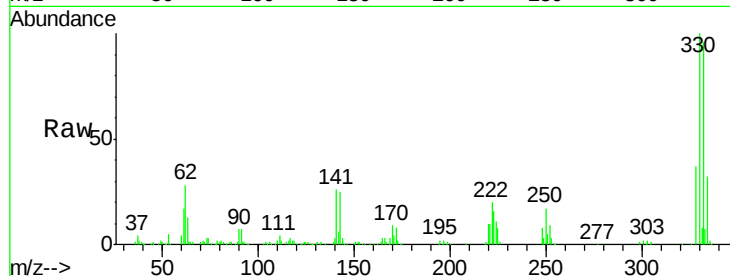
Tgt Ion:330 Resp: 322037

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

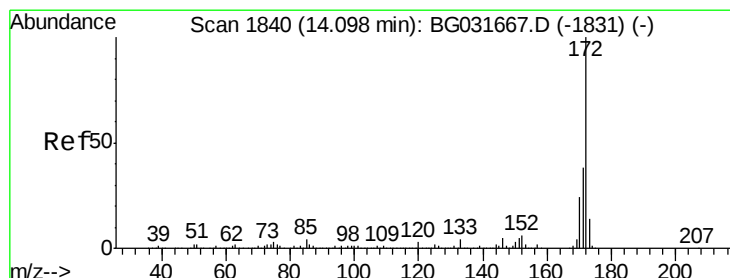
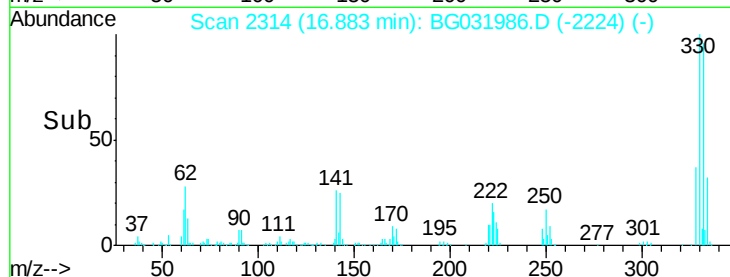
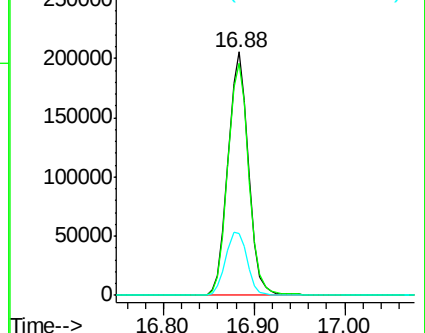
141 27.6 25.2 37.8



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: 65.584 ng

RT: 14.04 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BG031986.D

Acq: 11 Jan 2018 16:23

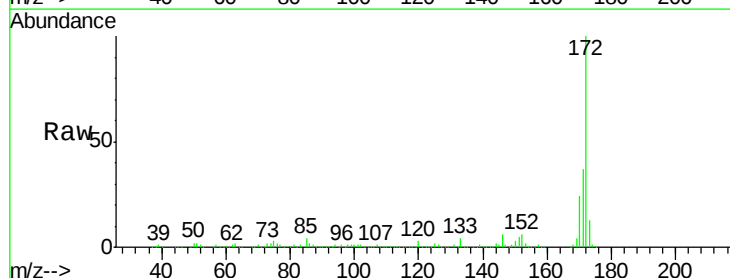
Tgt Ion:172 Resp: 1113357

Ion Ratio Lower Upper

172 100

171 37.2 30.0 45.0

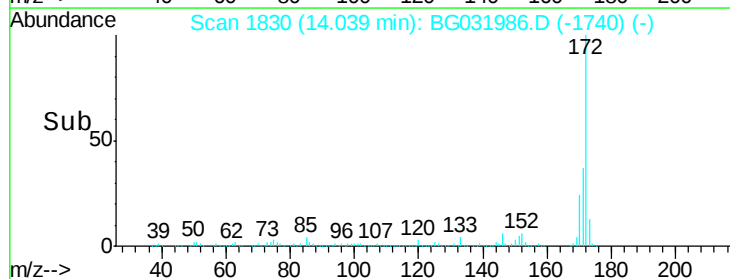
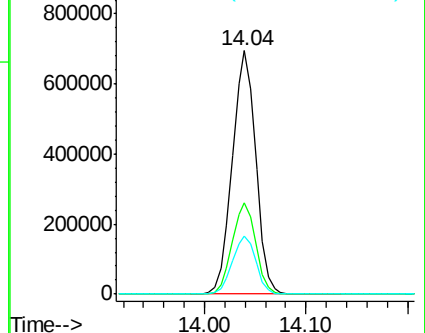
170 23.9 19.5 29.3

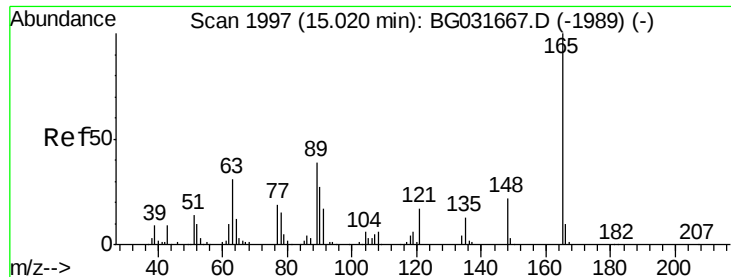


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

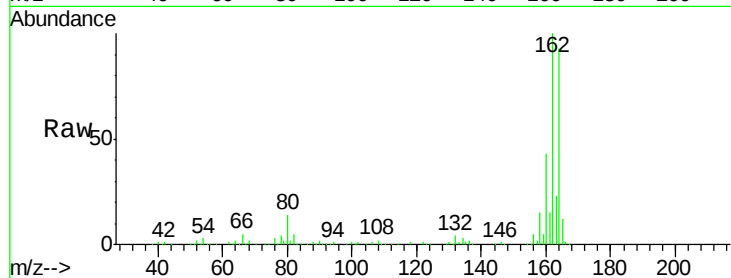




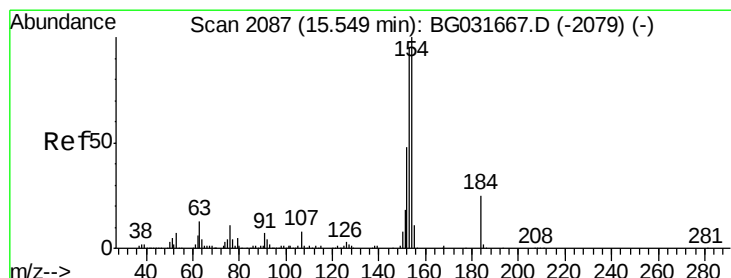
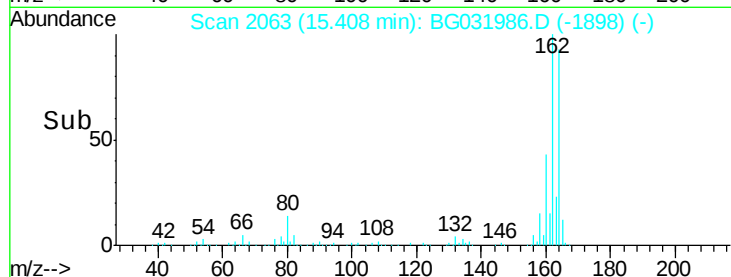
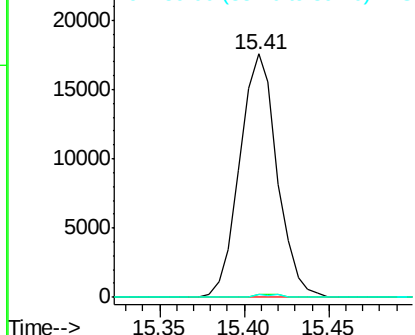
#50
 2,6-Dinitrotoluene
 Concen: 7.839 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. 0.44 min
 Lab File: BG031986.D
 Acq: 11 Jan 2018 16:23

Instrument :
 BNA_G
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 PB105570TB

Tgt Ion:165 Resp: 27068
 Ion Ratio Lower Upper
 165 100
 63 1.1 52.7 79.1#
 89 1.4 49.2 73.8#

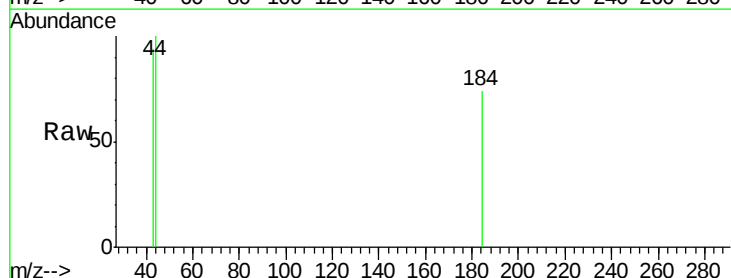


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

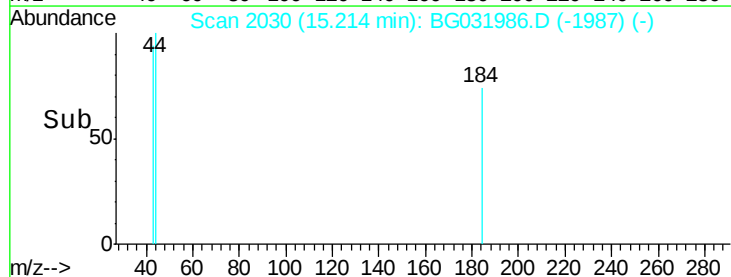
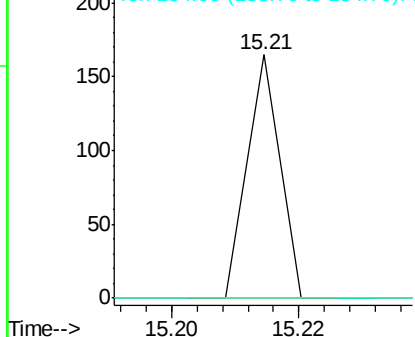


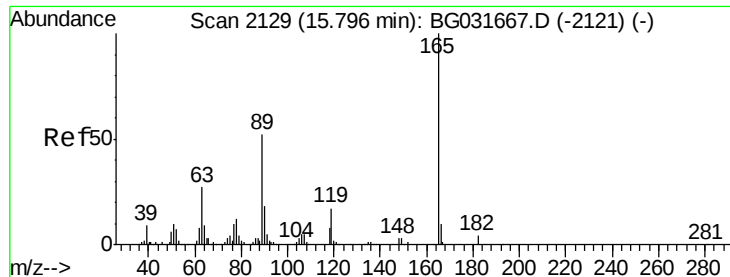
#53
 2,4-Dinitrophenol
 Concen: 7.669 ng
 RT: 15.21 min Scan# 2030
 Delta R.T. -0.28 min
 Lab File: BG031986.D
 Acq: 11 Jan 2018 16:23

Tgt Ion:184 Resp: 58
 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

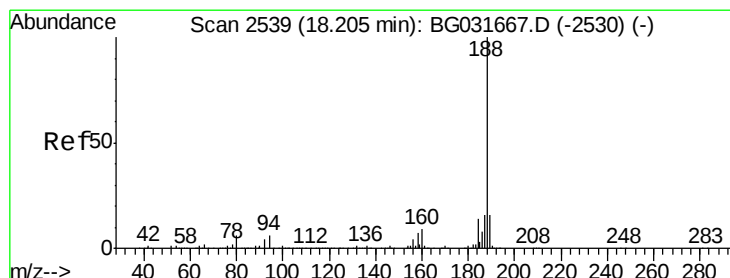
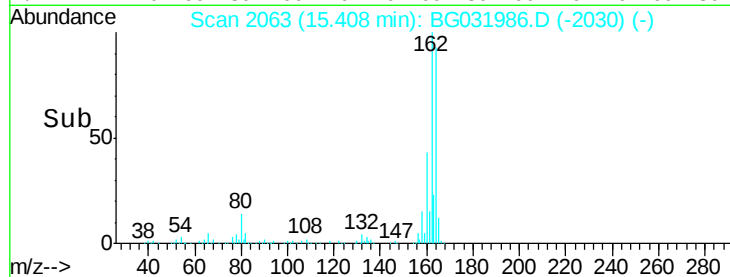
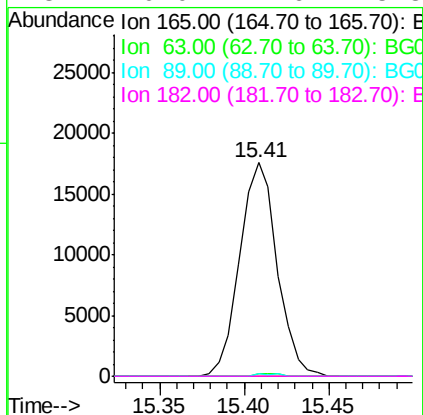
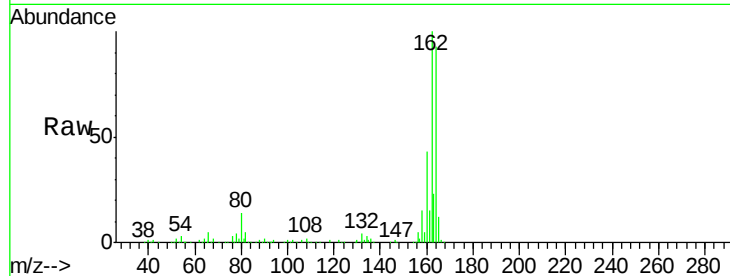




#56
 2,4-Dinitrotoluene
 Concen: 6.096 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.34 min
 Lab File: BG031986.D
 Acq: 11 Jan 2018 16:23

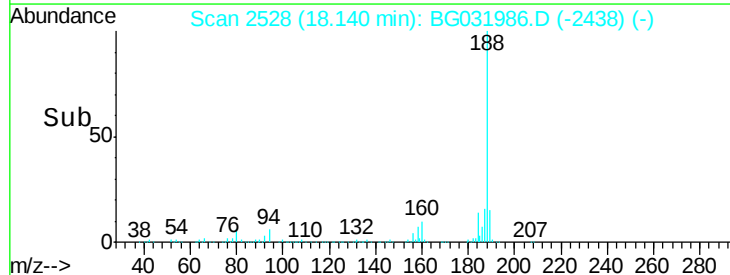
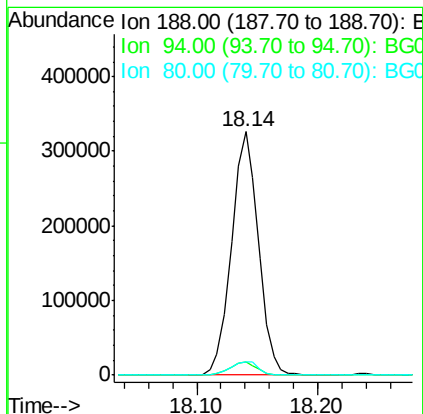
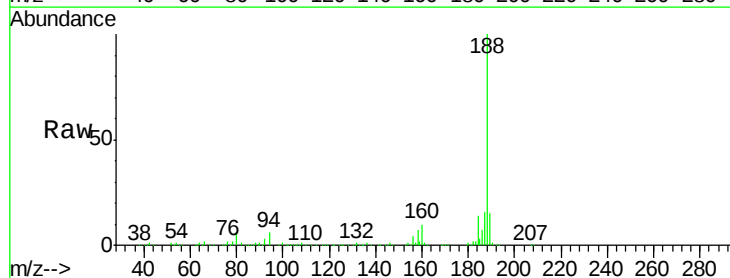
Instrument :
 BNA_G
 ClientSampleId :
 PB105570TB

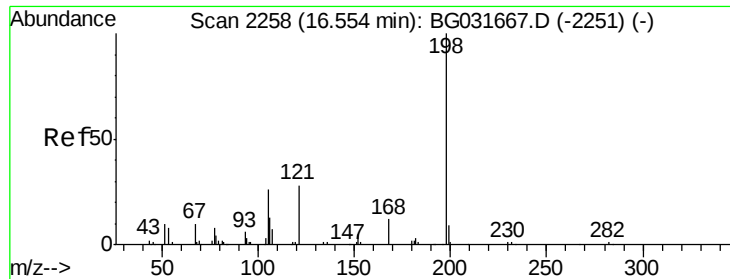
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.0	63.0#
89	1.4	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG031986.D
 Acq: 11 Jan 2018 16:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	5.7	7.7	11.5#

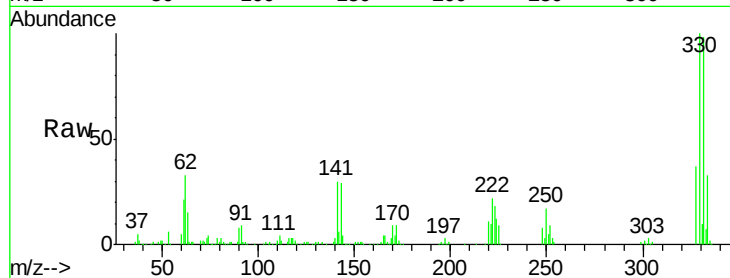




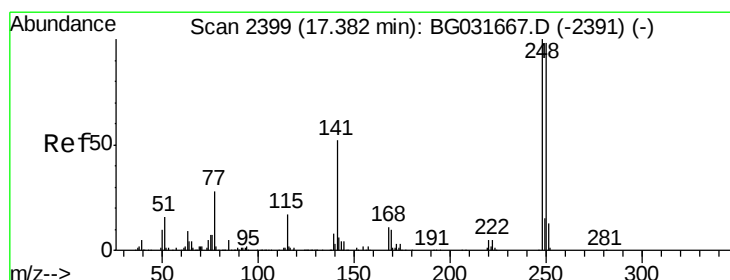
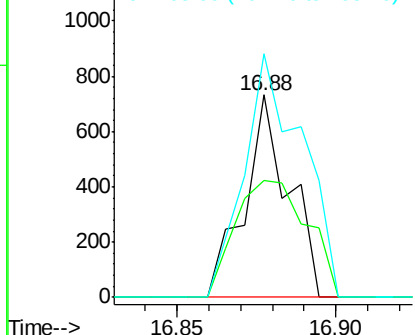
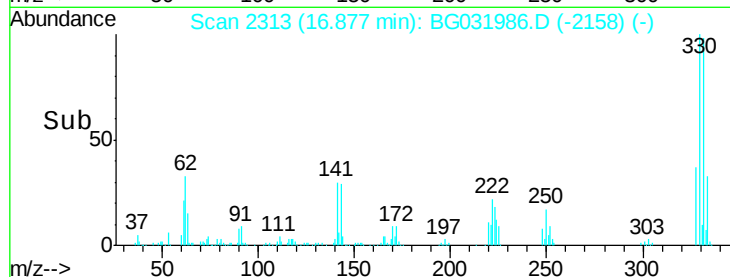
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.544 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. 0.38 min
 Lab File: BG031986.D
 Acq: 11 Jan 2018 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB105570TB

Tgt Ion:198 Resp: 708
 Ion Ratio Lower Upper
 198 100
 51 57.6 30.6 70.6
 105 120.5 23.8 63.8#

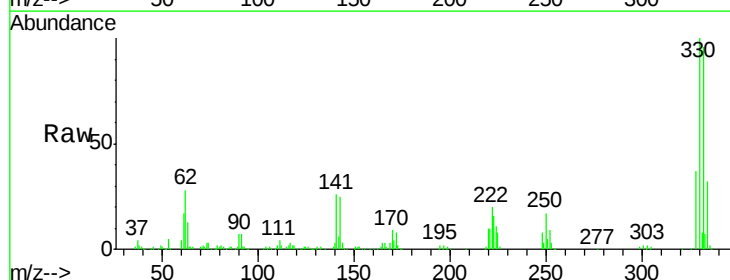


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

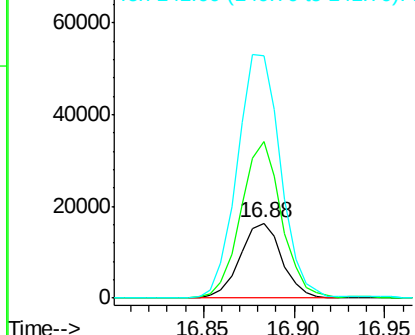
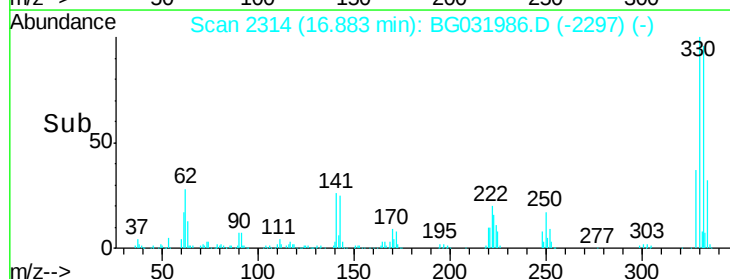


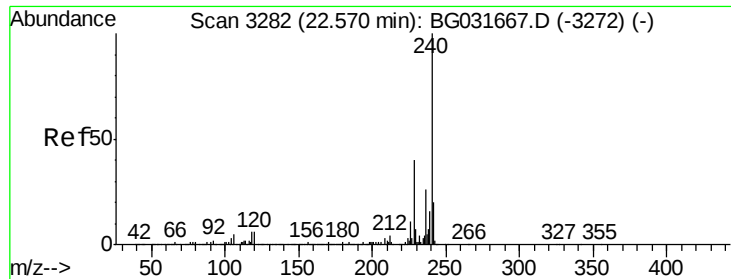
#66
 4-Bromophenyl-phenylether
 Concen: 3.566 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. -0.43 min
 Lab File: BG031986.D
 Acq: 11 Jan 2018 16:23

Tgt Ion:248 Resp: 26051
 Ion Ratio Lower Upper
 248 100
 250 208.8 77.1 115.7#
 141 323.4 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: 22.48 min Scan# 3266

Delta R.T. -0.00 min

Lab File: BG031986.D

Acq: 11 Jan 2018 16:23

Instrument :

BNA_G

ClientSampleId :

PB105570TB

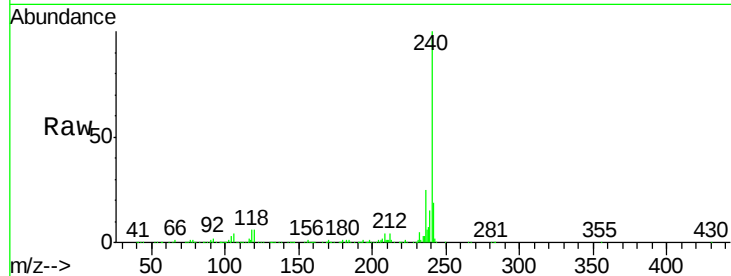
Tgt Ion:240 Resp: 549874

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

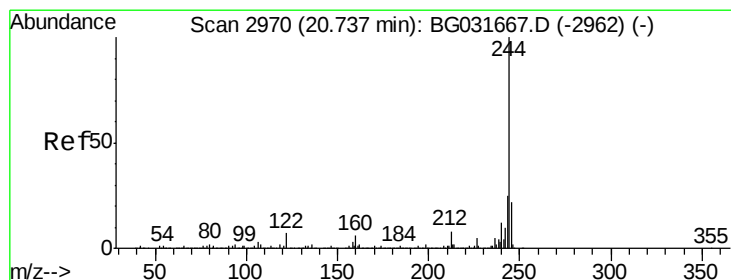
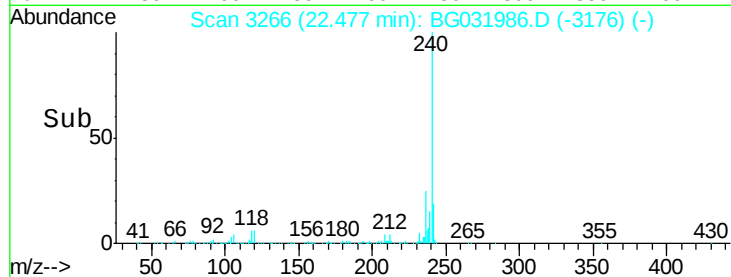
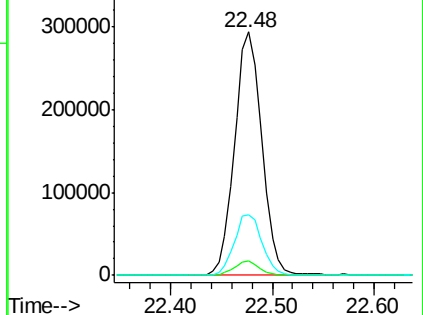
236 24.8 20.9 31.3



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: 71.499 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG031986.D

Acq: 11 Jan 2018 16:23

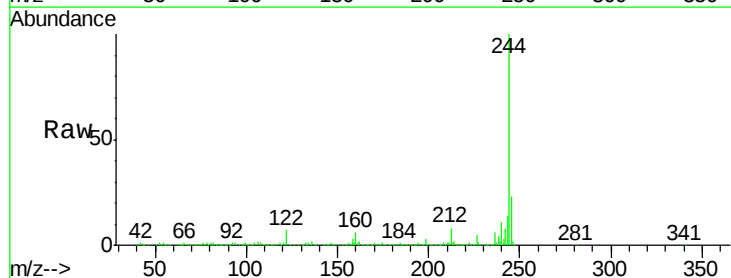
Tgt Ion:244 Resp: 1720852

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

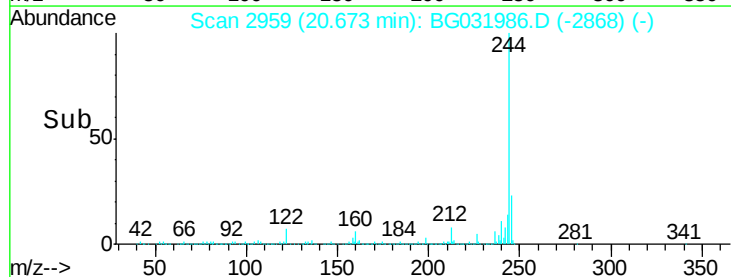
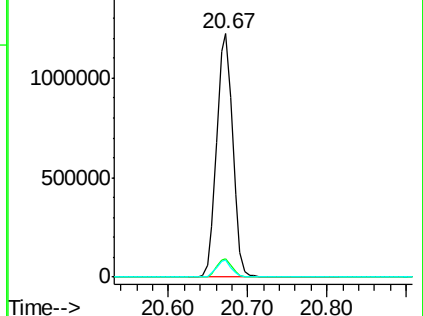
122 6.8 7.0 10.4#

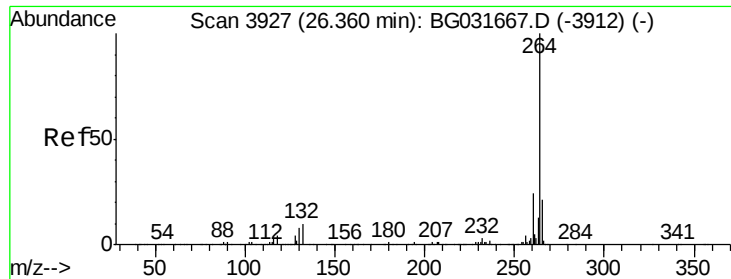


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.21 min Scan# 3901
Delta R.T. 0.00 min
Lab File: BG031986.D
Acq: 11 Jan 2018 16:23

Instrument :
BNA_G
ClientSampleId :
PB105570TB

Tgt Ion: 264 Resp: 551720

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.9	17.7	26.5

