

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011118\
 Data File : BG031985.D
 Acq On : 11 Jan 2018 15:46
 Operator : SJ/JU
 Sample : PB105570BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105570BL

Quant Time: Jan 11 16:26:45 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

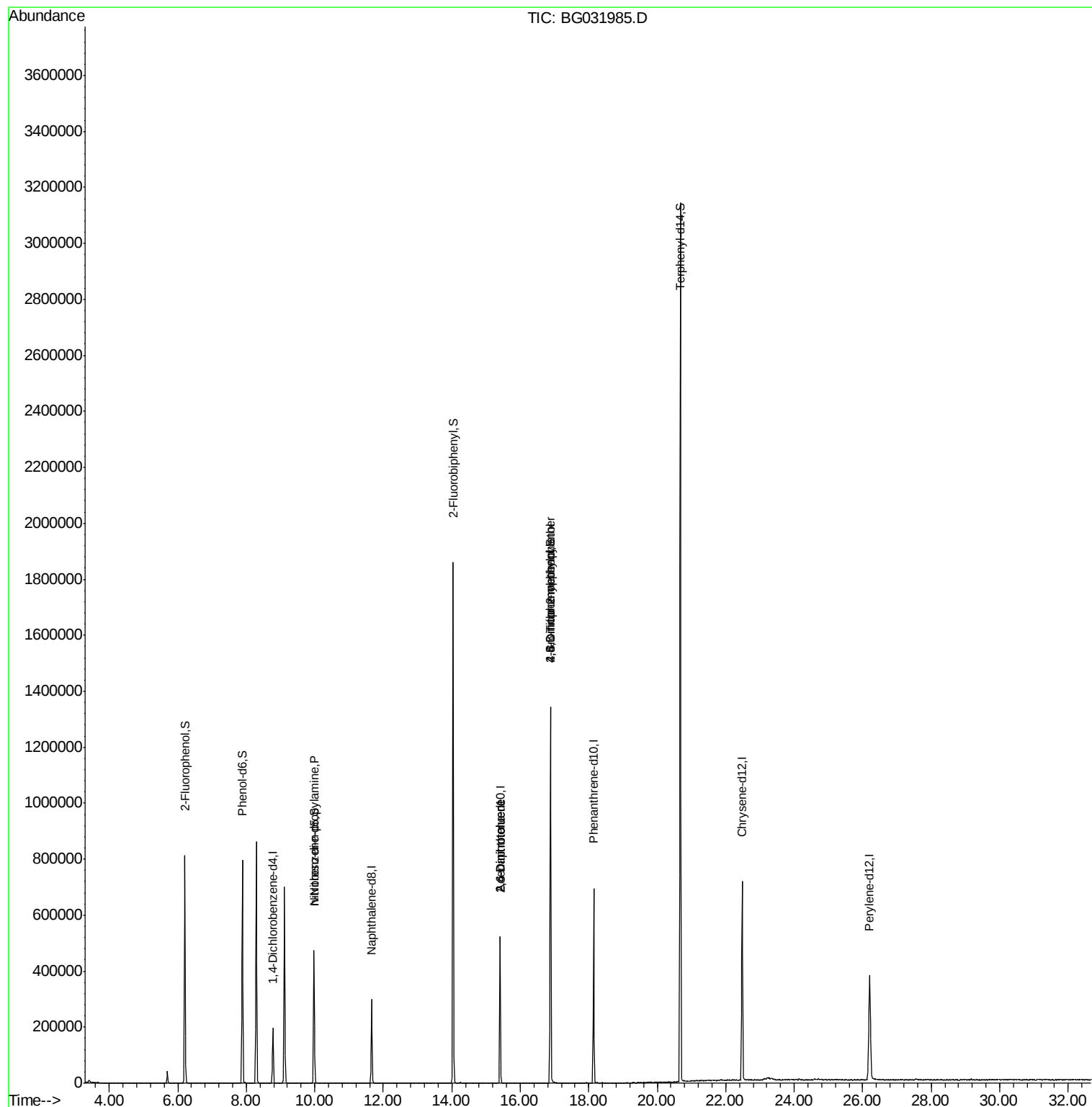
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	69629	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	297581	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	202094	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	486178	20.00	ng	0.00
75) Chrysene-d12	22.48	240	534562	20.00	ng	0.00
86) Perylene-d12	26.20	264	538650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	441680	115.54	ng	0.00
7) Phenol-d6	7.89	99	561656	113.16	ng	0.00
23) Nitrobenzene-d5	9.97	82	311411	79.02	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	330544	107.19	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1140276	70.82	ng	0.00
78) Terphenyl-d14	20.67	244	1749903	74.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.97	70	41690	12.299	ng	# 69
50) 2,6-Dinitrotoluene	15.41	165	26243	8.013	ng	# 19
56) 2,4-Dinitrotoluene	15.41	165	26243	6.231	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.88	198	863	8.608	ng	# 59
66) 4-Bromophenyl-phenylether	16.88	248	27040	3.846	ng	# 1

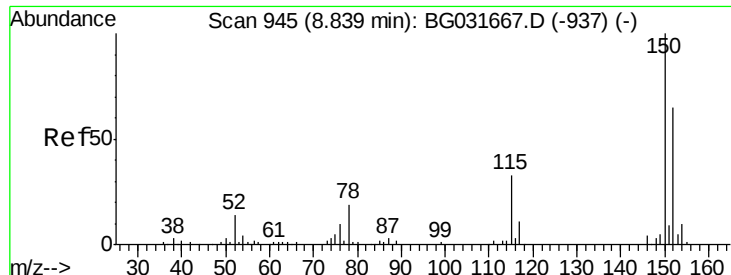
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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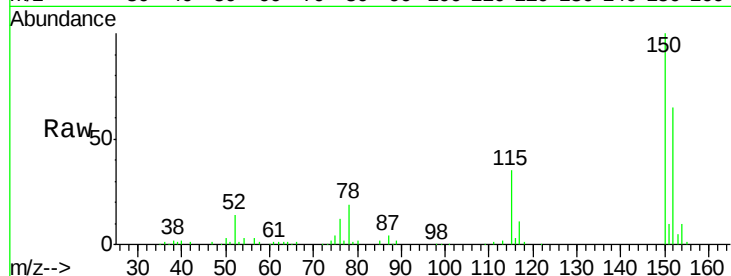


#1

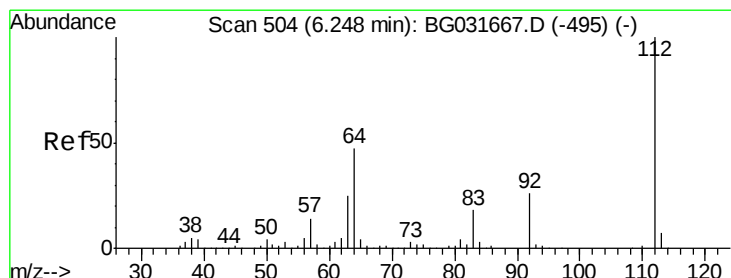
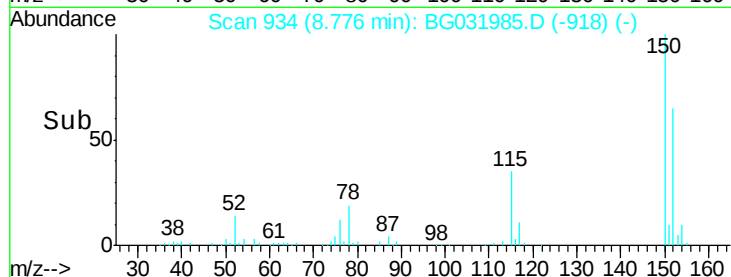
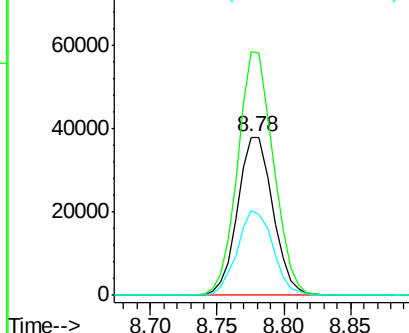
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BG031985.D
 Acq: 11 Jan 2018 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB105570BL

Tgt Ion:152 Resp: 69629
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.6 189.8
 115 53.4 53.0 79.4



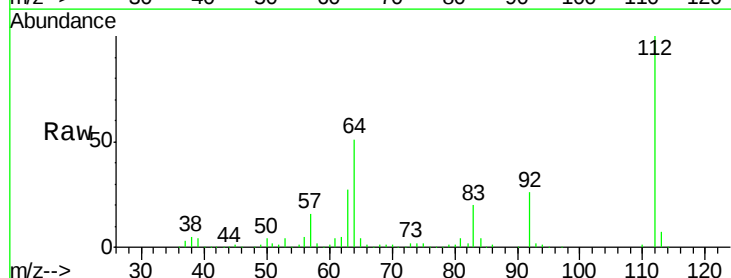
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



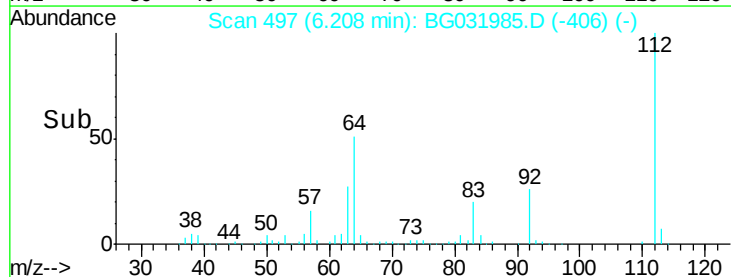
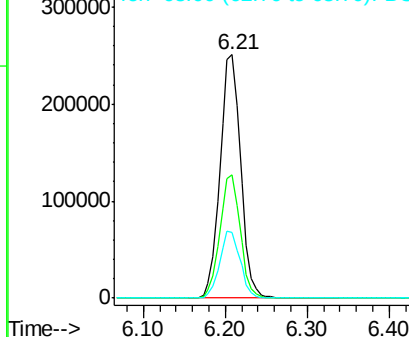
#5

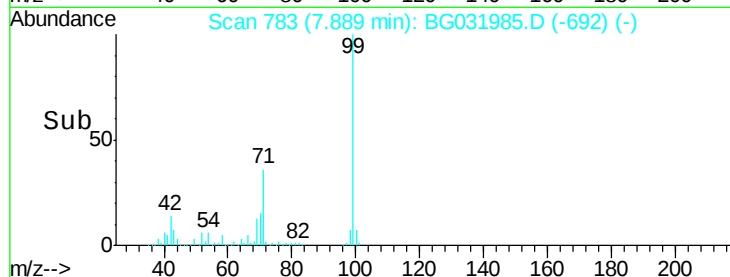
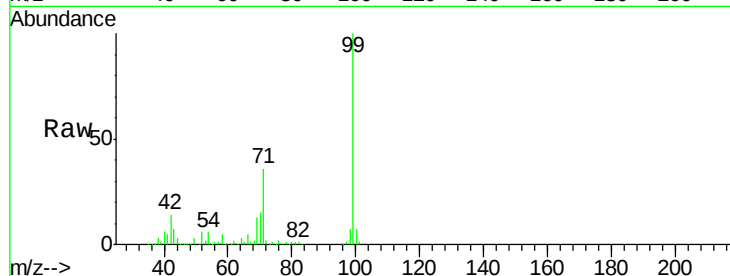
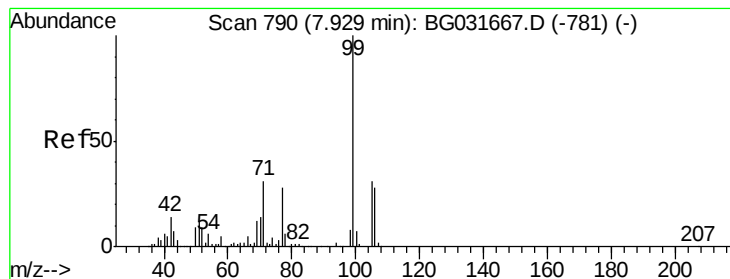
2-Fluorophenol
 Concen: 115.536 ng
 RT: 6.21 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BG031985.D
 Acq: 11 Jan 2018 15:46

Tgt Ion:112 Resp: 441680
 Ion Ratio Lower Upper
 112 100
 64 50.7 56.3 84.5#
 63 26.9 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: 113.161 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031985.D

Acq: 11 Jan 2018 15:46

Instrument :

BNA_G

ClientSampleId :

PB105570BL

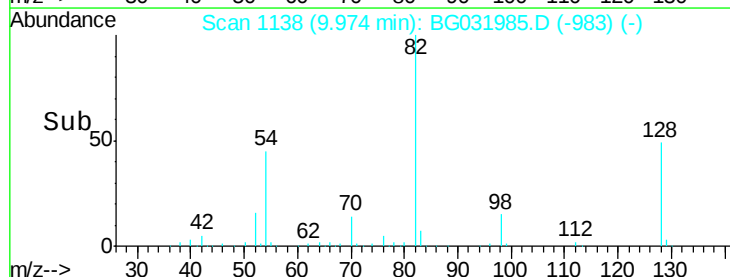
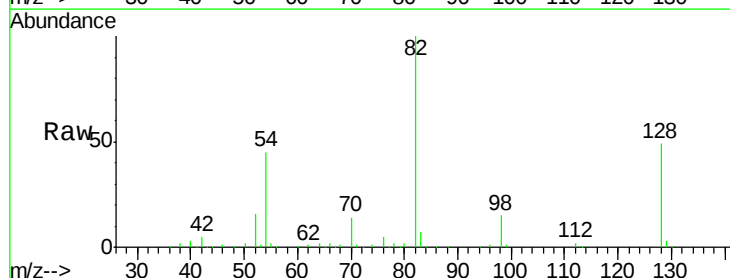
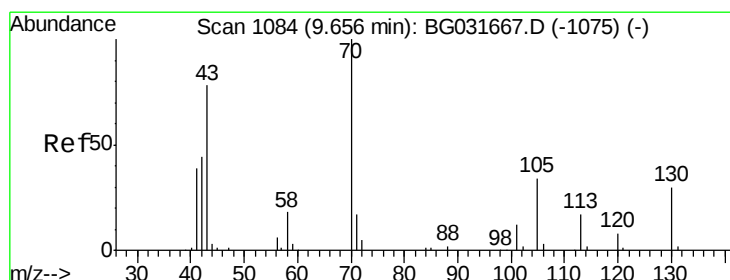
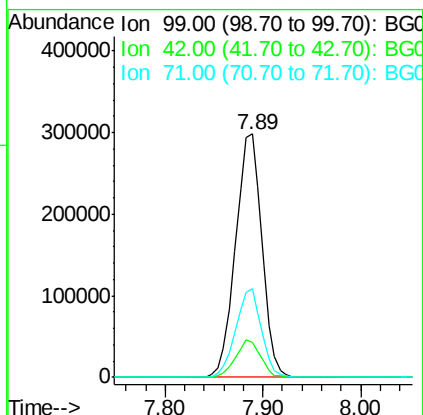
Tgt Ion: 99 Resp: 561656

Ion Ratio Lower Upper

99 100

42 14.2 14.1 21.1

71 36.2 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.299 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.38 min

Lab File: BG031985.D

Acq: 11 Jan 2018 15:46

Tgt Ion: 70 Resp: 41690

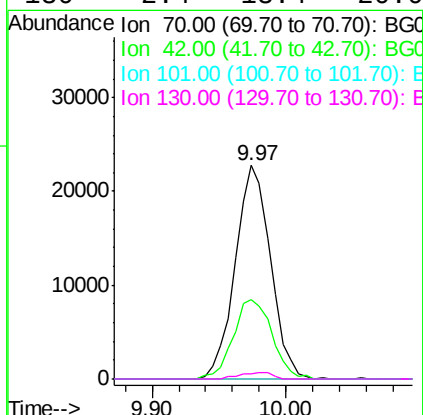
Ion Ratio Lower Upper

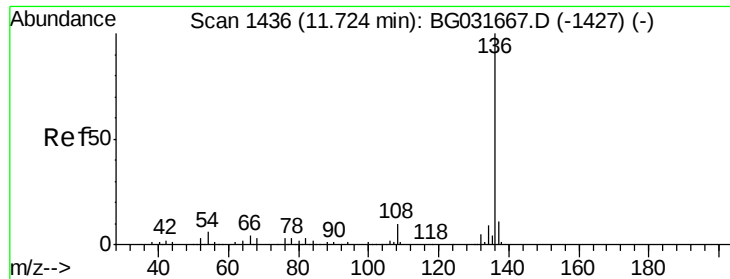
70 100

42 37.5 49.1 73.7#

101 0.0 8.5 12.7#

130 2.4 13.4 20.0#

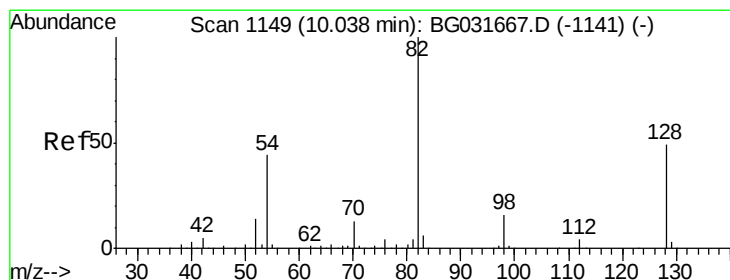
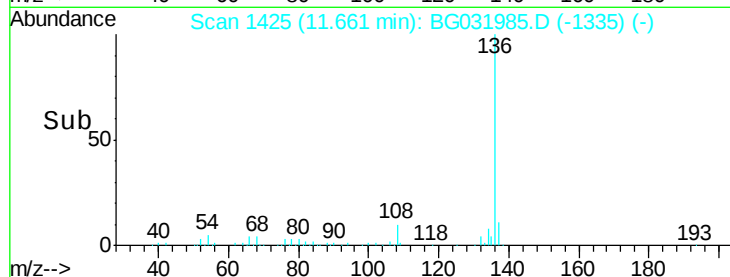
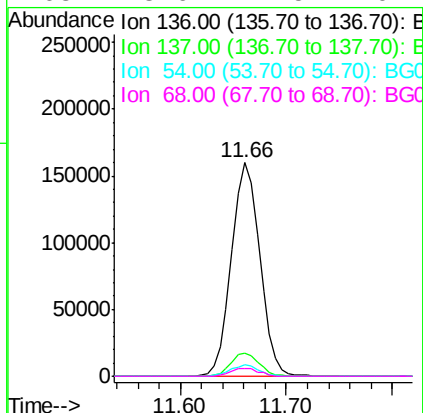
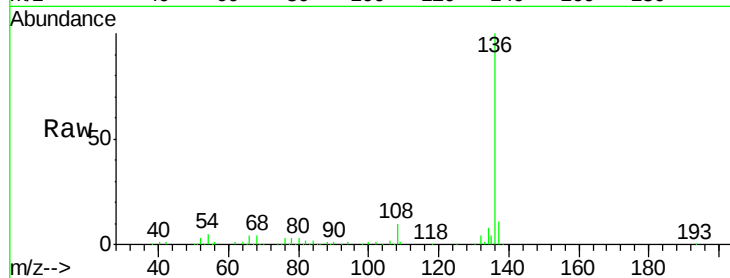




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BG031985.D
Acq: 11 Jan 2018 15:46

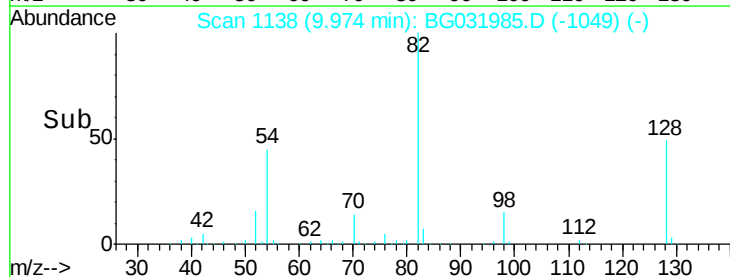
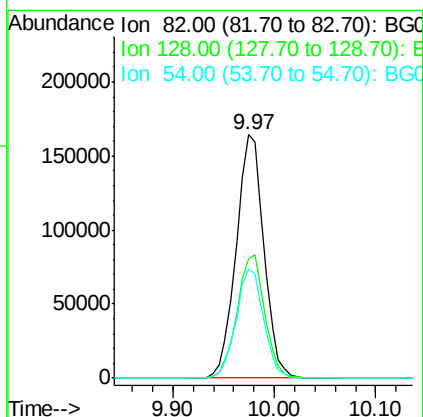
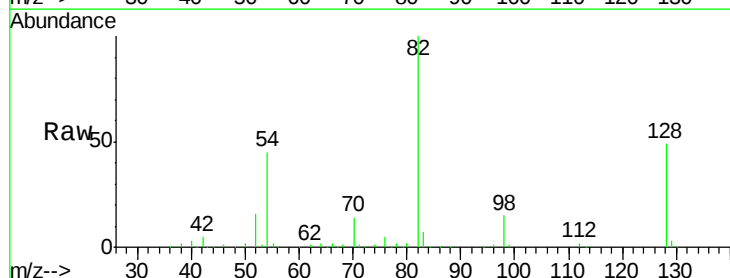
Instrument :
BNA_G
ClientSampleId :
PB105570BL

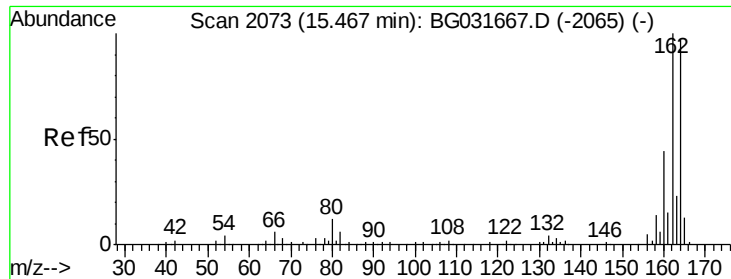
Tgt Ion:	136	Resp:	297581
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.3	10.3	15.5#
68	3.6	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 79.022 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG031985.D
Acq: 11 Jan 2018 15:46

Tgt Ion:	82	Resp:	311411
Ion	Ratio	Lower	Upper
82	100		
128	49.2	29.7	44.5#
54	44.7	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG031985.D

Acq: 11 Jan 2018 15:46

Instrument :

BNA_G

ClientSampleId :

PB105570BL

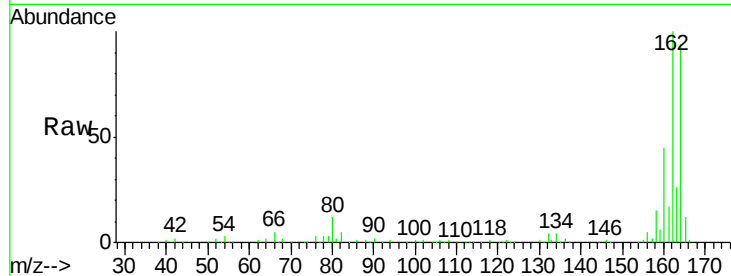
Tgt Ion:164 Resp: 202094

Ion Ratio Lower Upper

164 100

162 106.1 78.8 118.2

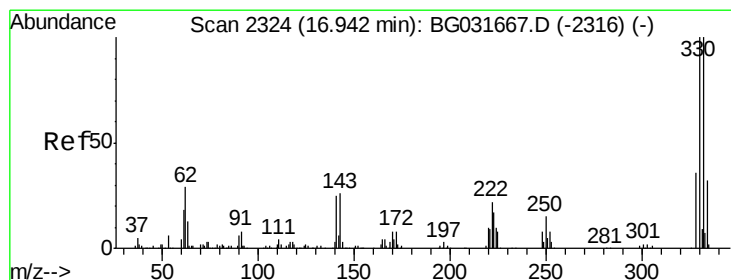
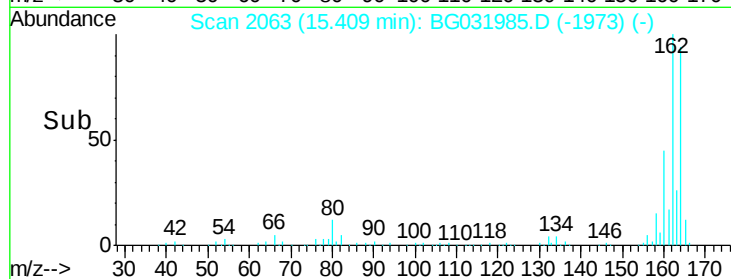
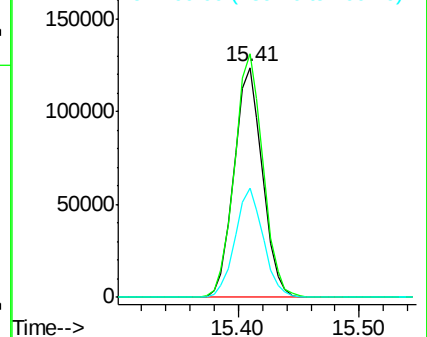
160 47.5 35.4 53.0



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: 107.192 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BG031985.D

Acq: 11 Jan 2018 15:46

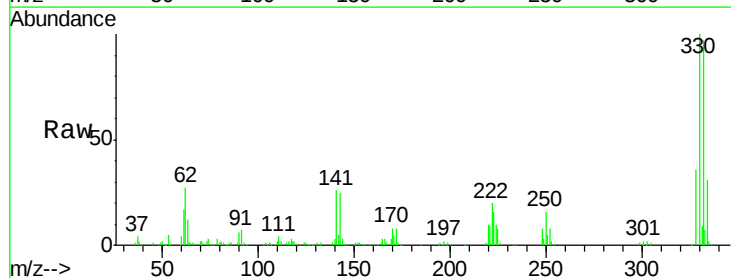
Tgt Ion:330 Resp: 330544

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

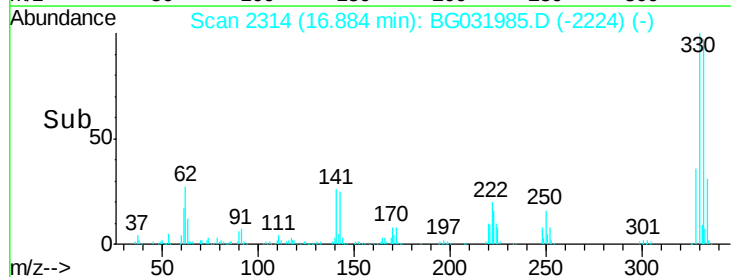
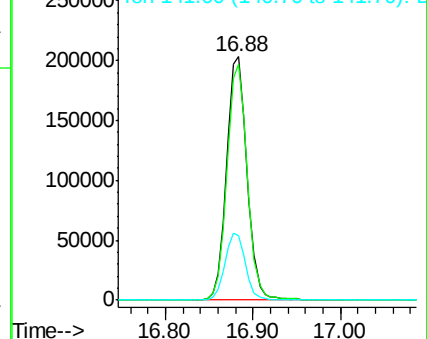
141 27.2 25.2 37.8

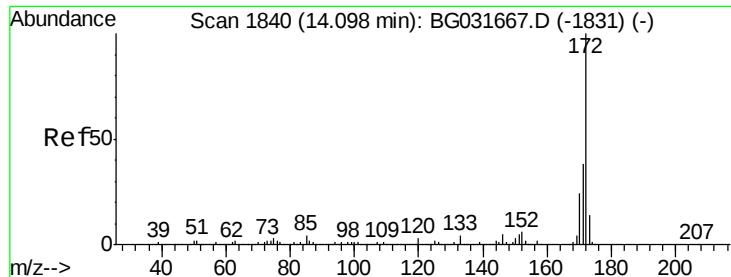


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

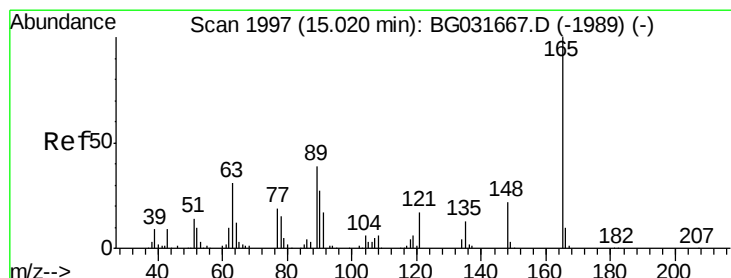
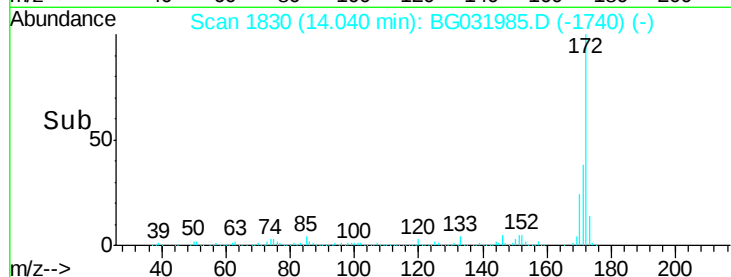
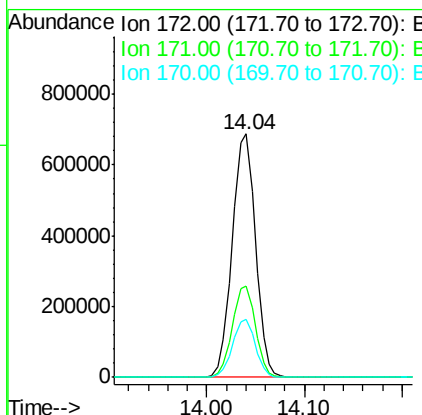
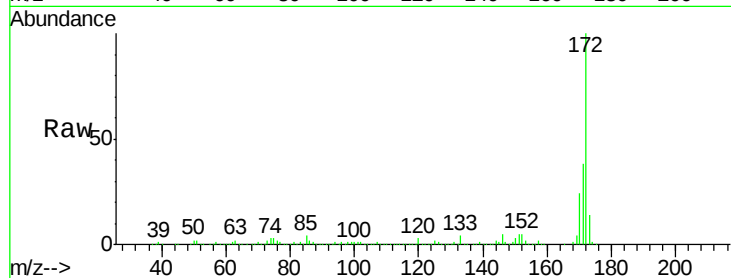




#44
2-Fluorobiphenyl
Concen: 70.818 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BG031985.D
Acq: 11 Jan 2018 15:46

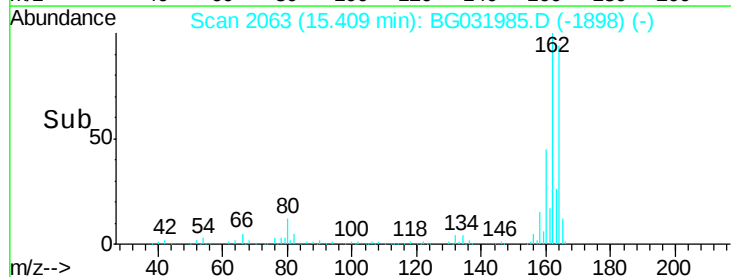
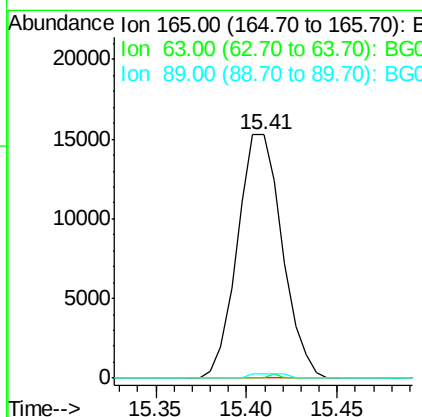
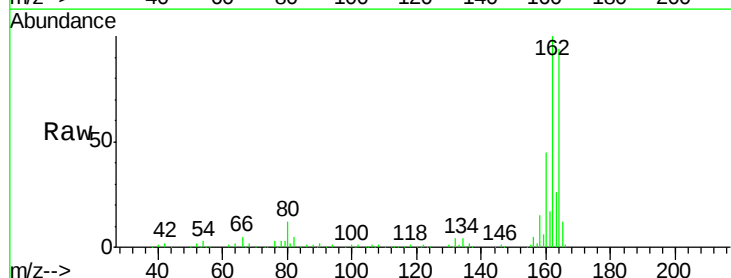
Instrument :
BNA_G
ClientSampleId :
PB105570BL

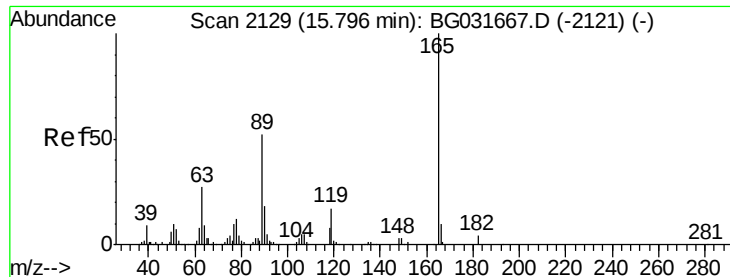
Tgt Ion:172 Resp: 1140276
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 23.8 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.013 ng
RT: 15.41 min Scan# 2063
Delta R.T. 0.44 min
Lab File: BG031985.D
Acq: 11 Jan 2018 15:46

Tgt Ion:165 Resp: 26243
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.8 49.2 73.8#

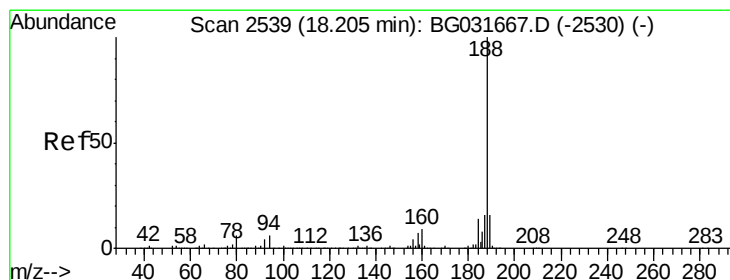
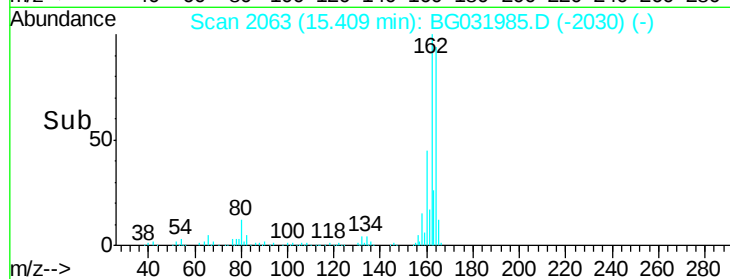
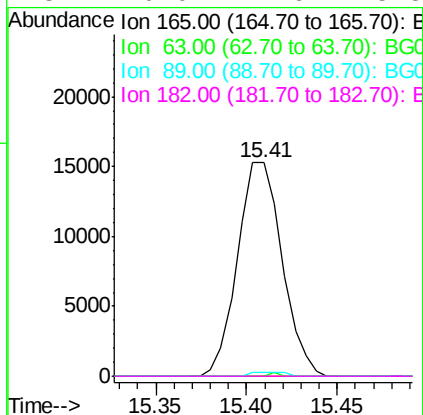
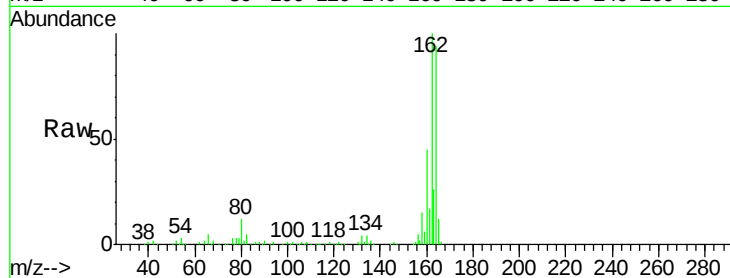




#56
2,4-Dinitrotoluene
Concen: 6.231 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.34 min
Lab File: BG031985.D
Acq: 11 Jan 2018 15:46

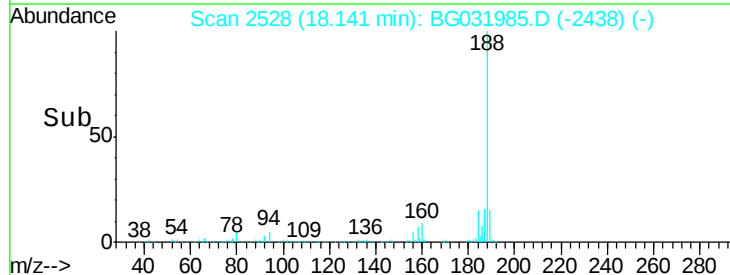
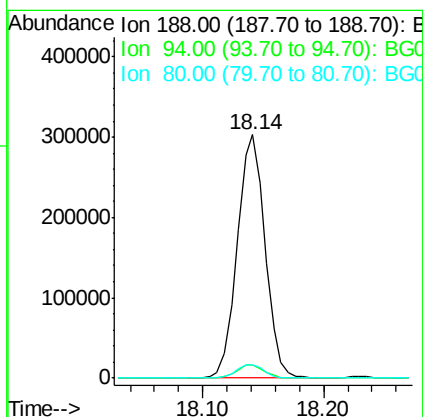
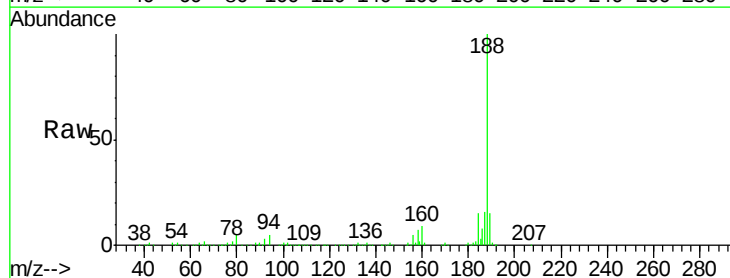
Instrument :
BNA_G
ClientSampleId :
PB105570BL

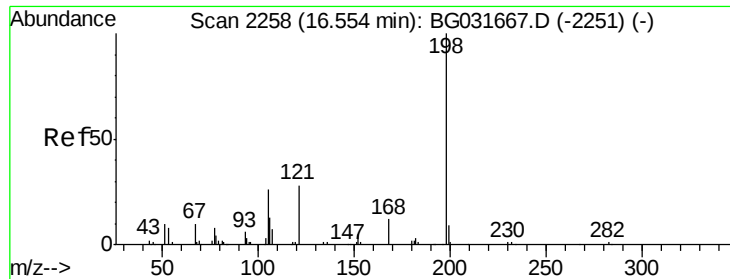
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG031985.D
Acq: 11 Jan 2018 15:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	5.2	7.7	11.5#

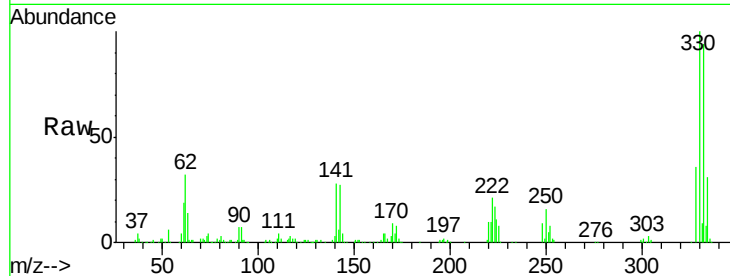




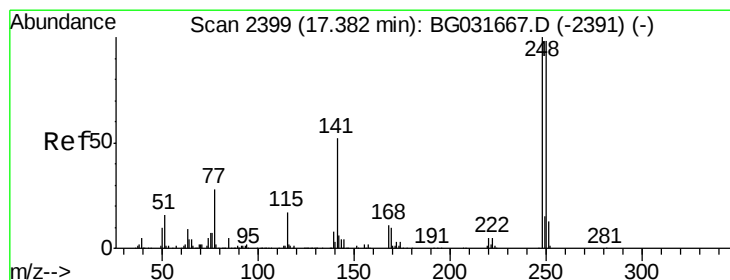
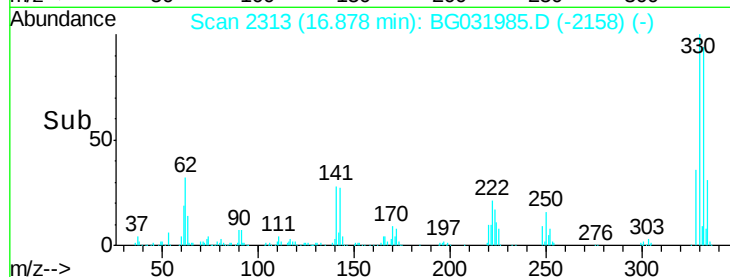
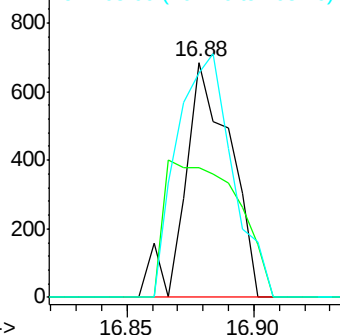
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.608 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. 0.38 min
 Lab File: BG031985.D
 Acq: 11 Jan 2018 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB105570BL

Tgt Ion:198 Resp: 863
 Ion Ratio Lower Upper
 198 100
 51 55.4 30.6 70.6
 105 95.6 23.8 63.8#

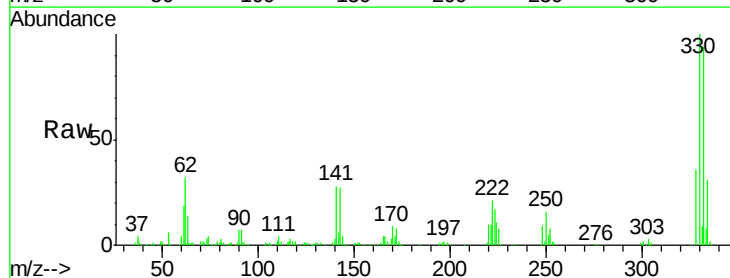


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG031985.D (-2158) (-)
 Ion 105.00 (104.70 to 105.70): E

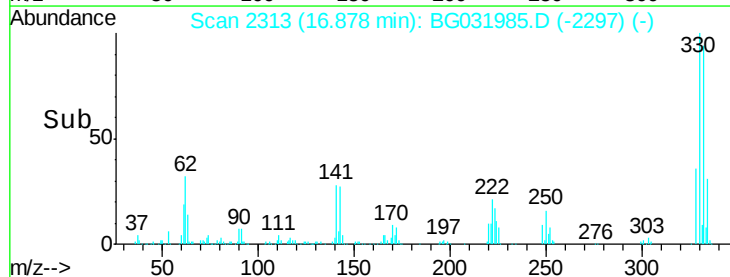
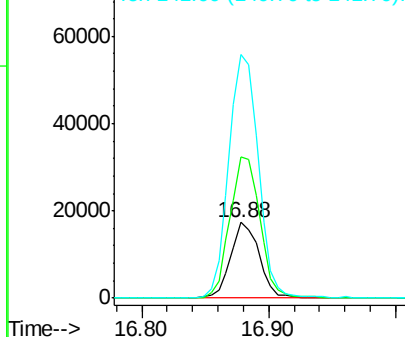


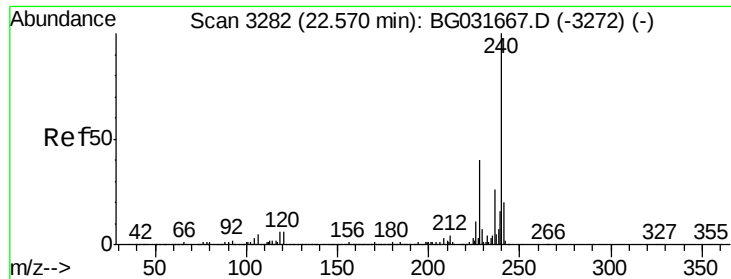
#66
 4-Bromophenyl-phenylether
 Concen: 3.846 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. -0.44 min
 Lab File: BG031985.D
 Acq: 11 Jan 2018 15:46

Tgt Ion:248 Resp: 27040
 Ion Ratio Lower Upper
 248 100
 250 187.2 77.1 115.7#
 141 321.6 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

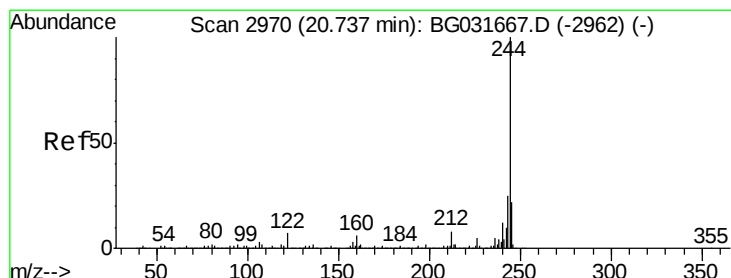
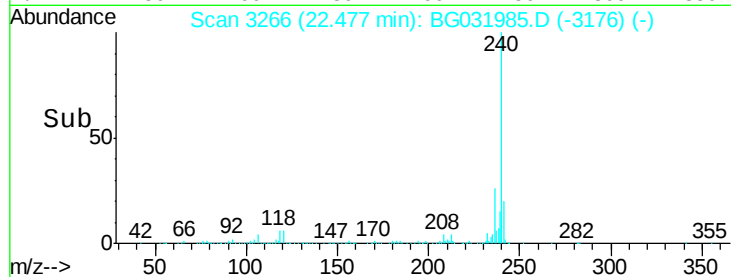
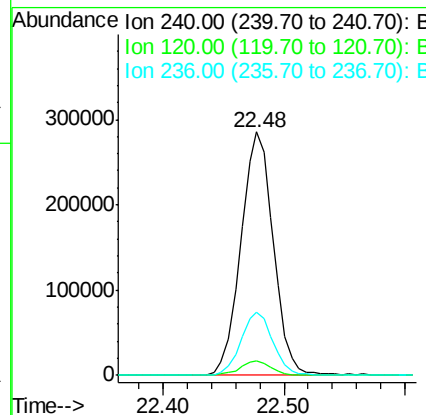
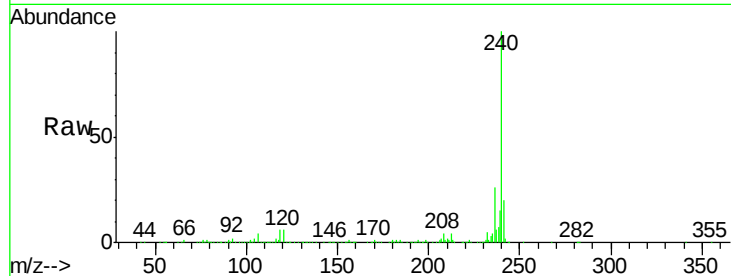




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.48 min Scan# 3266
 Delta R.T. -0.00 min
 Lab File: BG031985.D
 Acq: 11 Jan 2018 15:46

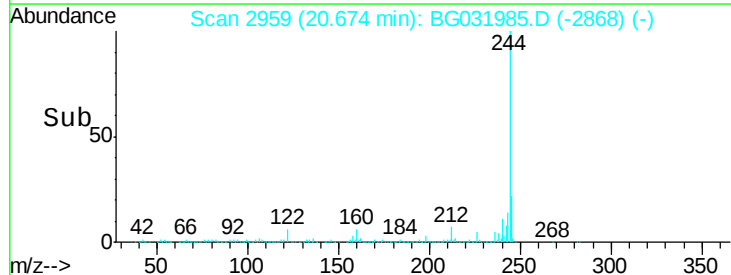
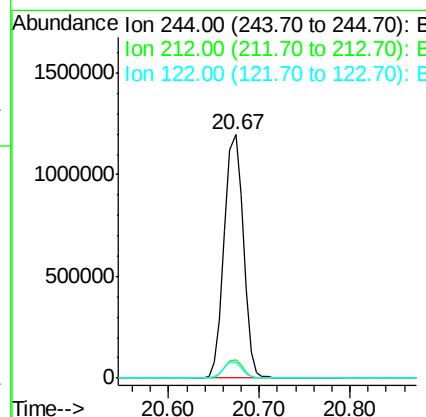
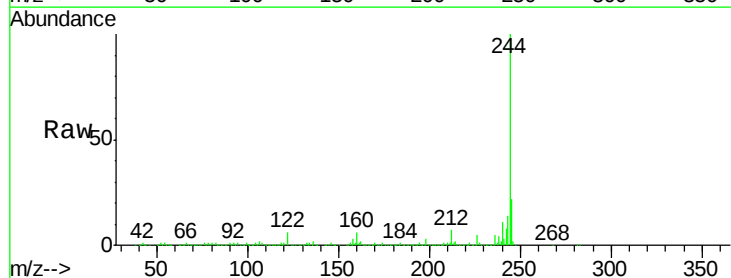
Instrument :
 BNA_G
 ClientSampleId :
 PB105570BL

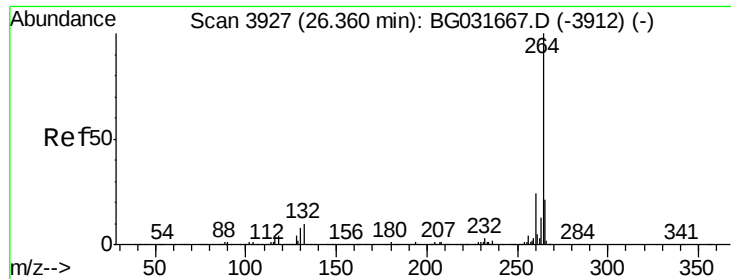
Tgt Ion:240 Resp: 534562
 Ion Ratio Lower Upper
 240 100
 120 5.9 6.8 10.2#
 236 25.7 20.9 31.3



#78
 Terphenyl-d14
 Concen: 74.789 ng
 RT: 20.67 min Scan# 2959
 Delta R.T. 0.00 min
 Lab File: BG031985.D
 Acq: 11 Jan 2018 15:46

Tgt Ion:244 Resp: 1749903
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 6.4 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3900
Delta R.T. -0.00 min
Lab File: BG031985.D
Acq: 11 Jan 2018 15:46

Instrument :
BNA_G
ClientSampleId :
PB105570BL

Tgt Ion: 264 Resp: 538650

Ion	Ratio	Lower	Upper
264	100		
260	21.1	17.4	26.0
265	22.9	17.7	26.5

