

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031970.D
 Acq On : 10 Jan 2018 7:03
 Operator : SJ/JU
 Sample : J1044-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 08:04:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

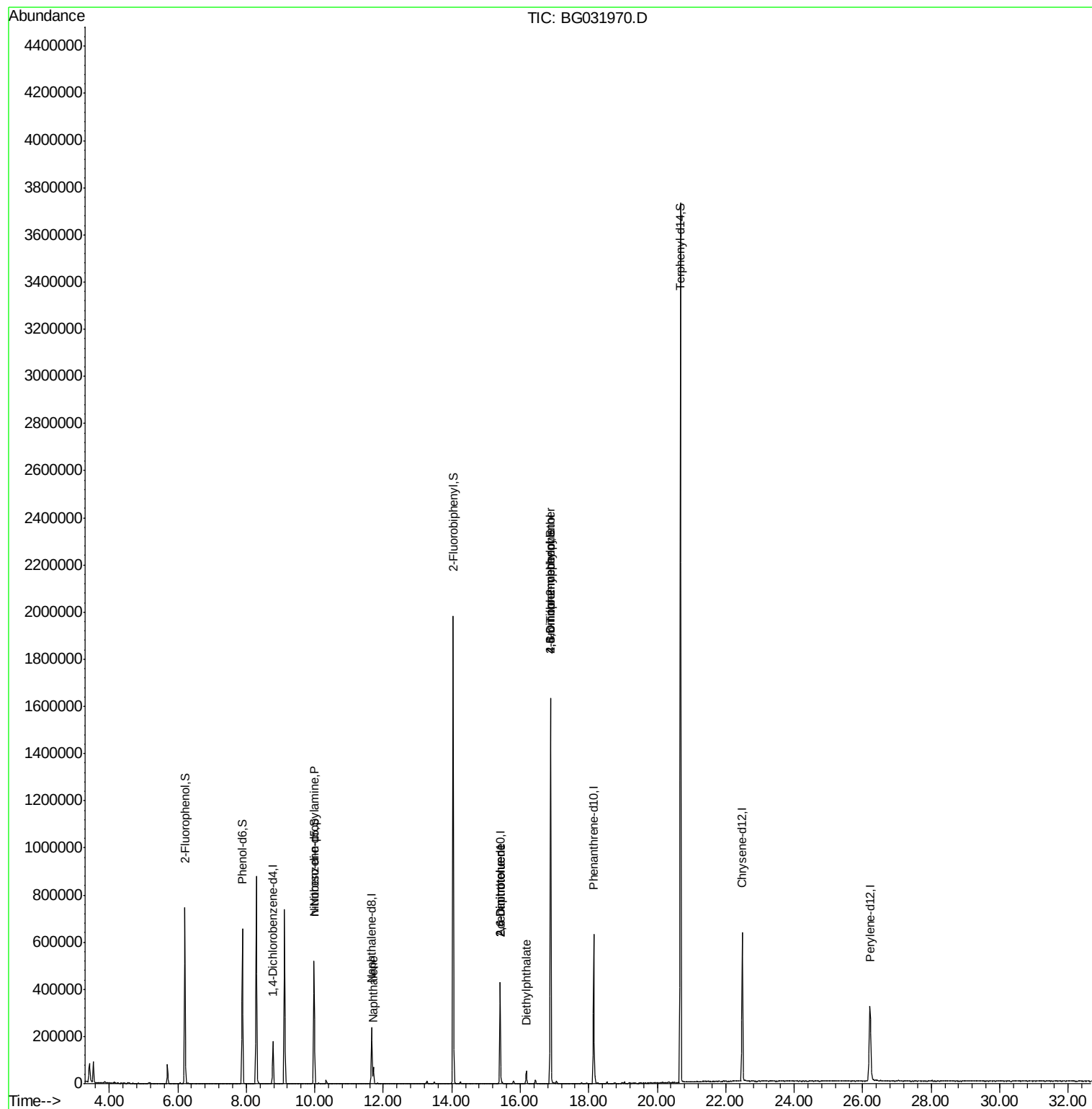
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	59834	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	244093	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	169496	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	424178	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	481686	20.00	ng	-0.04
86) Perylene-d12	26.21	264	477543	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	404821	123.23	ng	0.00
7) Phenol-d6	7.89	99	462247	108.38	ng	0.00
23) Nitrobenzene-d5	9.98	82	340998	105.49	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	383507	148.29	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1192266	88.29	ng	-0.01
78) Terphenyl-d14	20.67	244	2035322	96.54	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	44522	15.285	ng	# 71
31) Naphthalene	11.71	128	65671	5.331	ng	# 95
50) 2,6-Dinitrotoluene	15.41	165	20837	7.586	ng	# 19
56) 2,4-Dinitrotoluene	15.41	165	20837	5.899	ng	# 17
59) Diethylphthalate	16.18	149	38526	2.647	ng	# 95
64) 4,6-Dinitro-2-methylphenol	16.89	198	876	8.657	ng	# 14
66) 4-Bromophenyl-phenylether	16.88	248	30363	4.950	ng	# 1

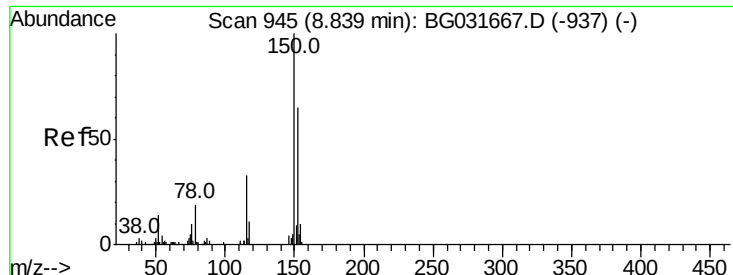
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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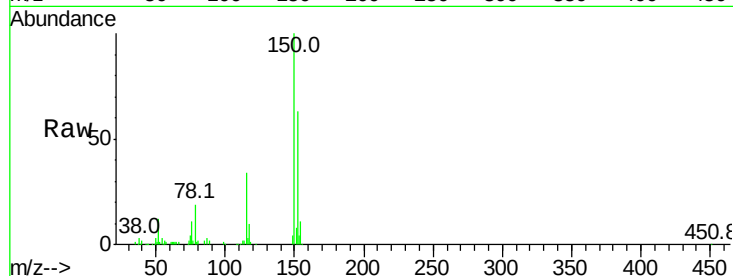


#1

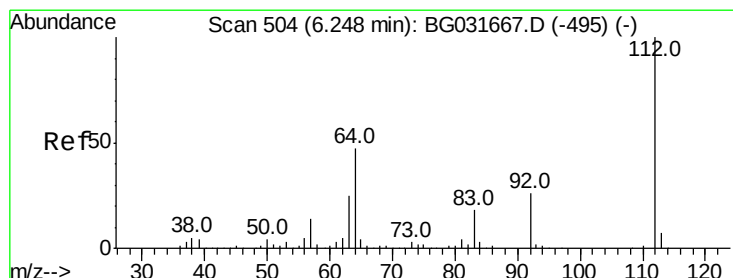
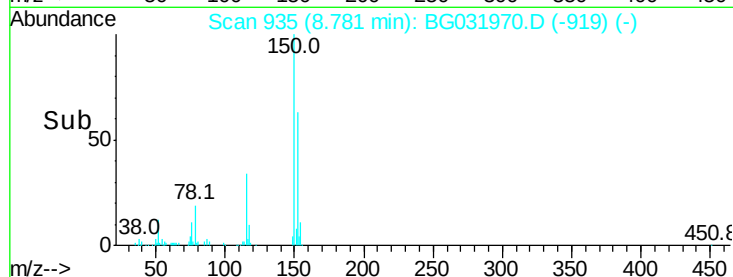
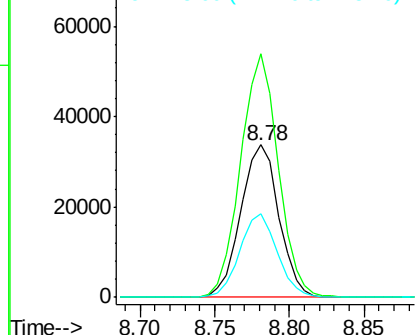
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59834
Ion Ratio Lower Upper
152 100
150 159.8 126.6 189.8
115 55.0 53.0 79.4



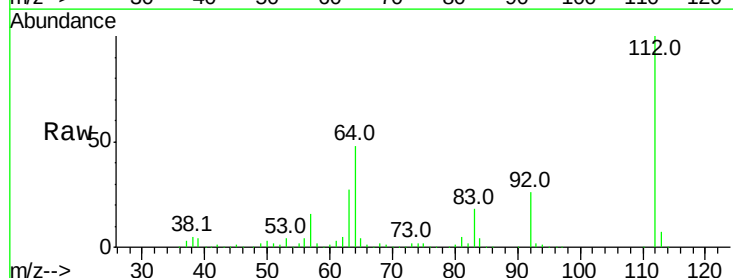
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



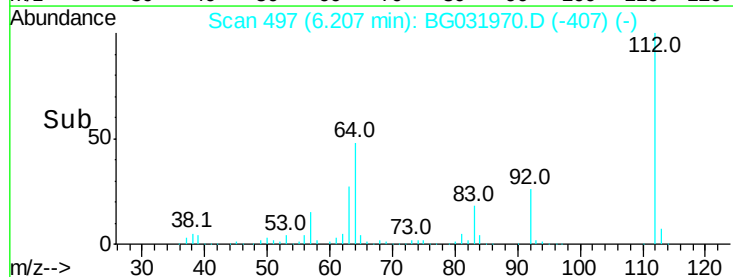
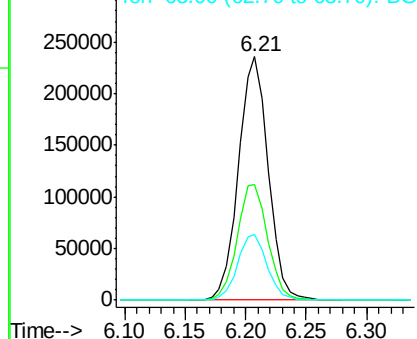
#5

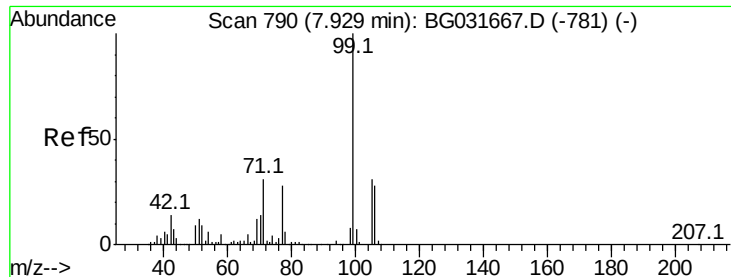
2-Fluorophenol
Concen: 123.230 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion:112 Resp: 404821
Ion Ratio Lower Upper
112 100
64 47.5 56.3 84.5#
63 27.1 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: 108.378 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031970.D

Acq: 10 Jan 2018 7:03

Instrument :

BNA_G

ClientSampleId :

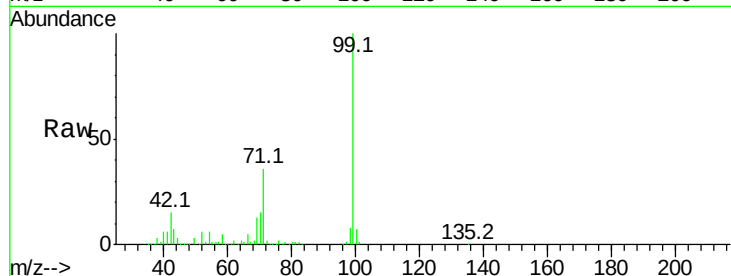
Tot Ion: 99 Resp: 462247

Ion Ratio Lower Upper

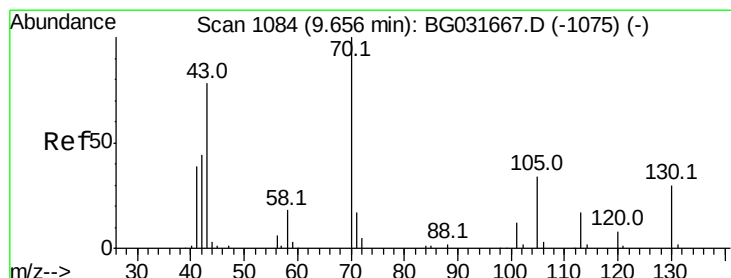
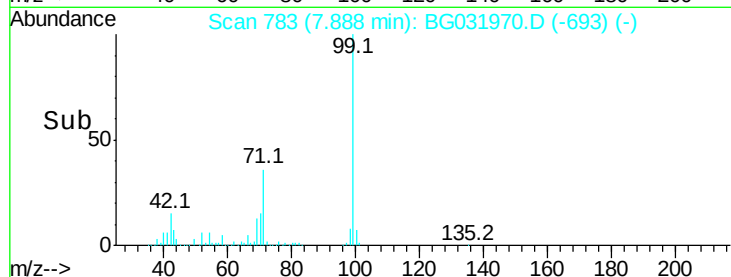
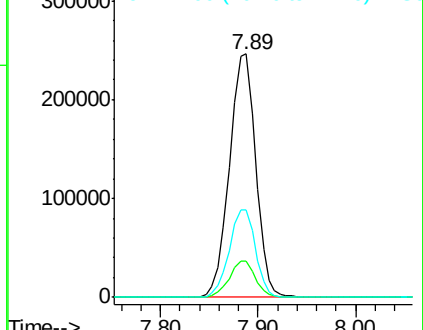
99 100

42 15.2 14.1 21.1

71 36.0 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: 15.285 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.37 min

Lab File: BG031970.D

Acq: 10 Jan 2018 7:03

Tgt Ion: 70 Resp: 44522

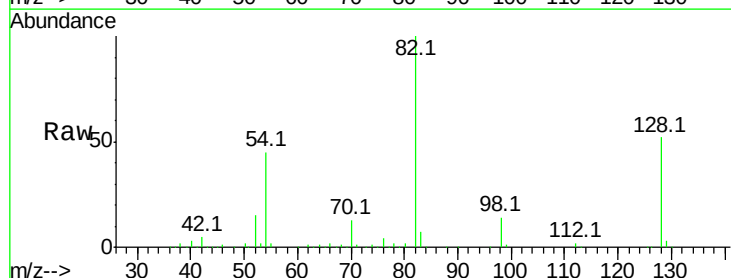
Ion Ratio Lower Upper

70 100

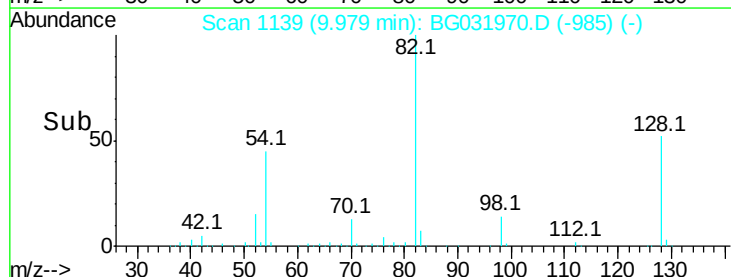
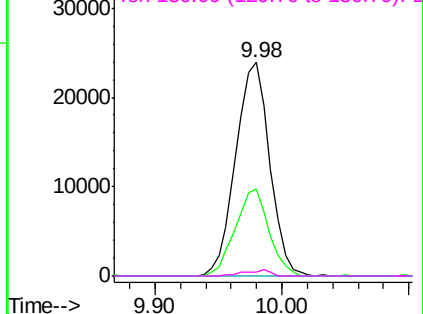
42 40.6 49.1 73.7#

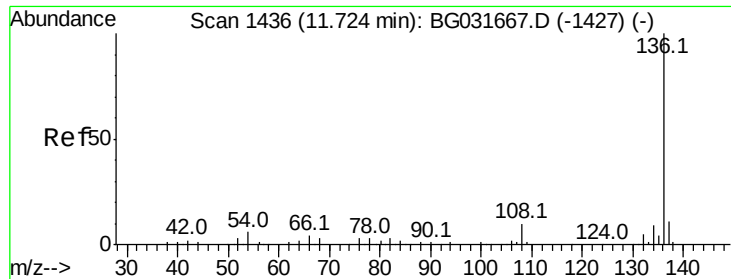
101 0.0 8.5 12.7#

130 1.9 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

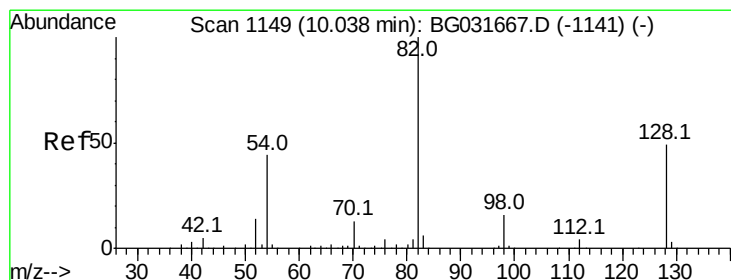
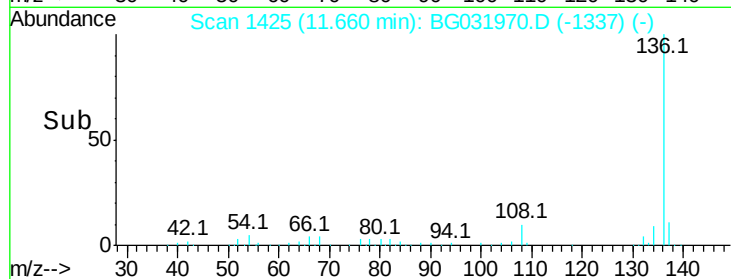
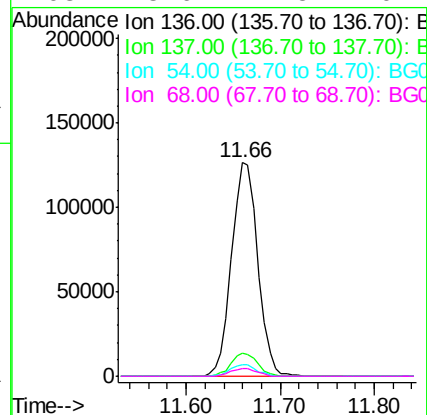
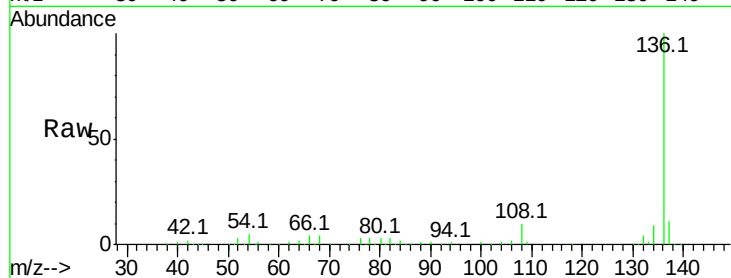




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

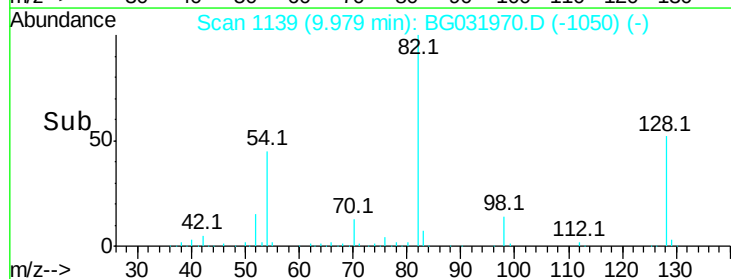
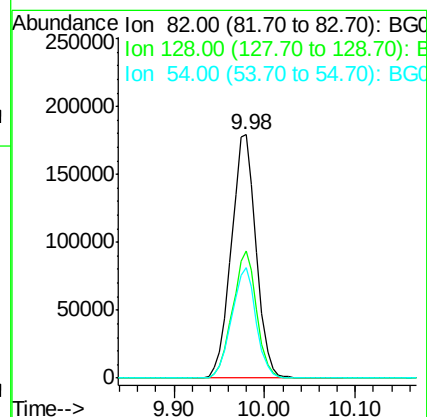
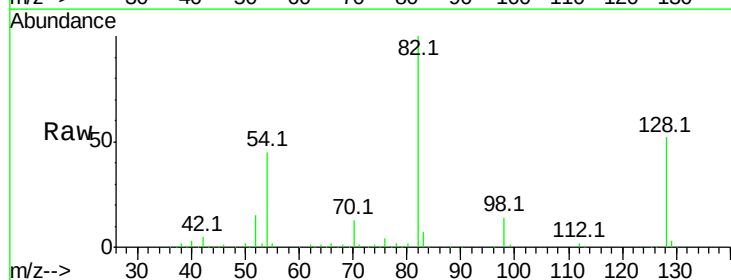
Instrument :
BNA_G
ClientSampleId :

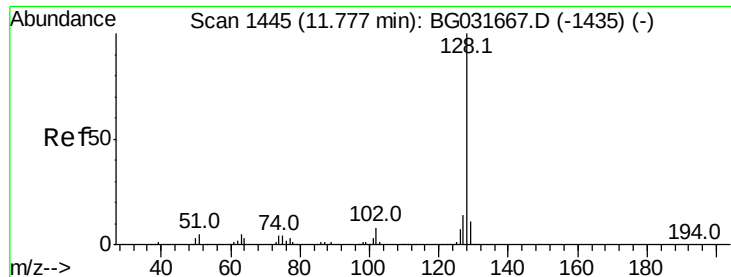
Tot Ion:	136	Resp:	244093
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.3	10.3	15.5#
68	3.6	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 105.491 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion:	82	Resp:	340998
Ion	Ratio	Lower	Upper
82	100		
128	52.1	29.7	44.5#
54	45.2	43.1	64.7

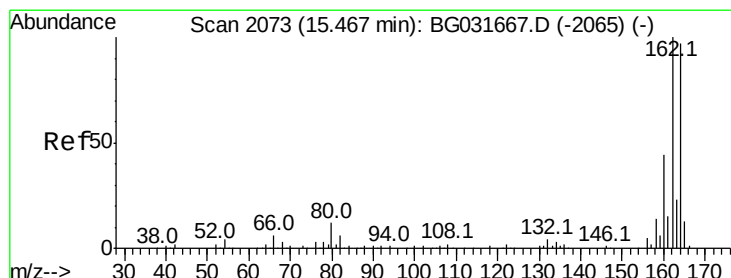
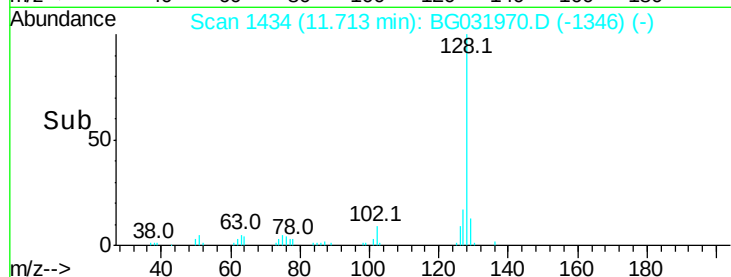
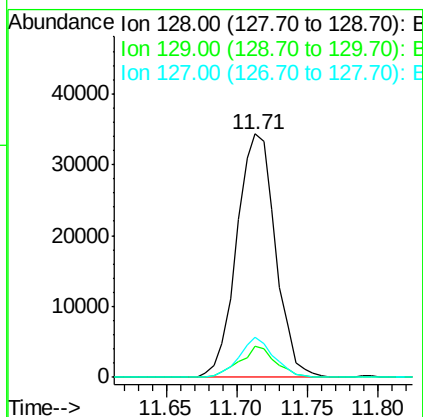
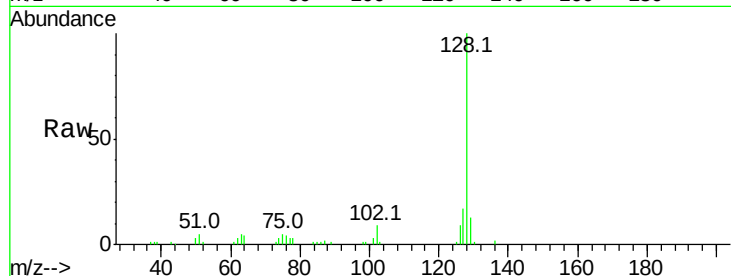




#31
Naphthalene
Concen: 5.331 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

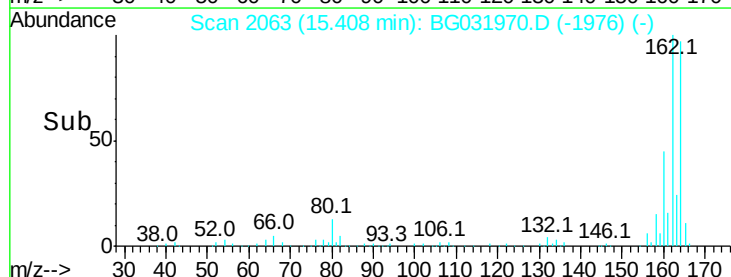
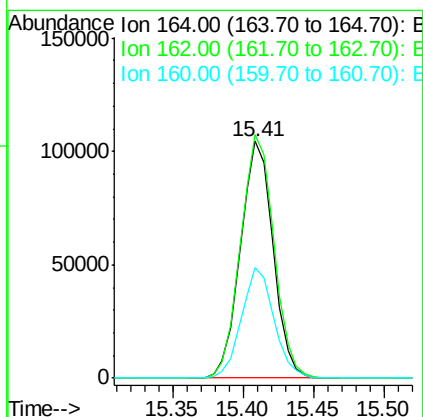
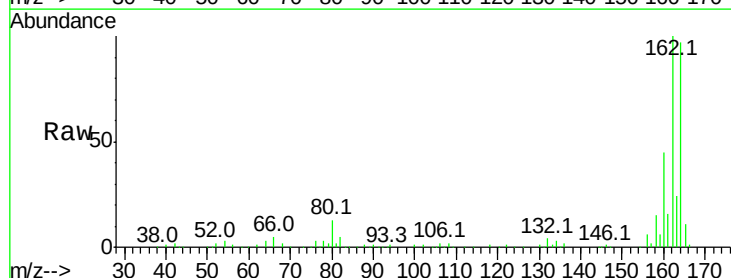
Instrument :
BNA_G
ClientSampleId :

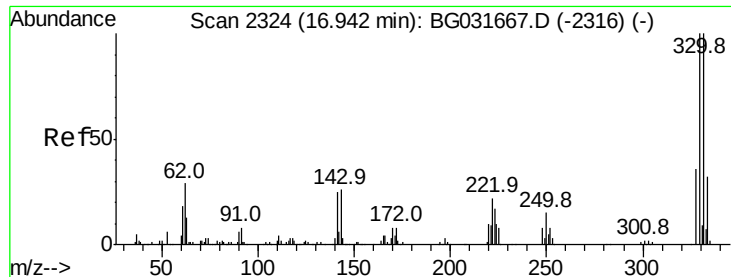
Tot Ion:128 Resp: 65671
Ion Ratio Lower Upper
128 100
129 12.9 8.6 12.8#
127 16.6 11.6 17.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion:164 Resp: 169496
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 46.5 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 148.286 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG031970.D

Acq: 10 Jan 2018 7:03

Instrument :

BNA_G

ClientSampleId :

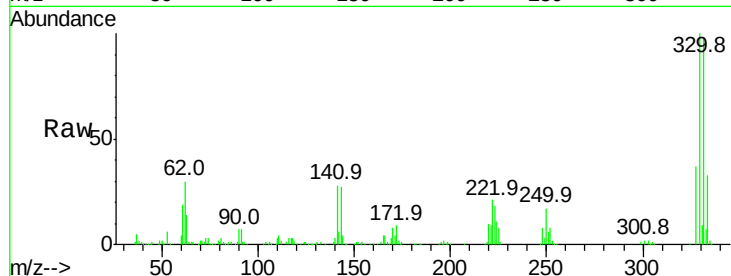
Tot Ion:330 Resp: 383507

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

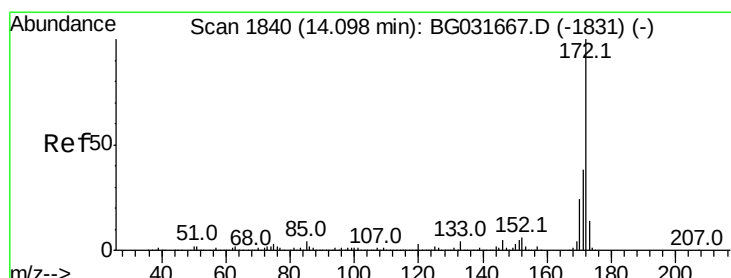
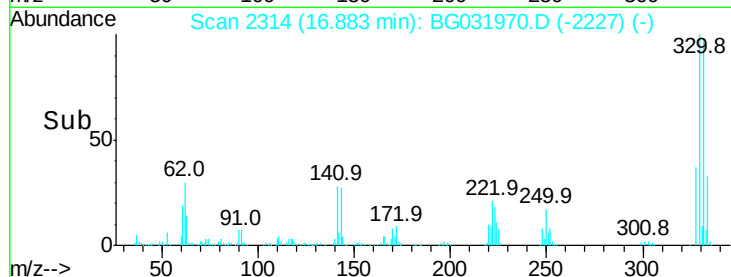
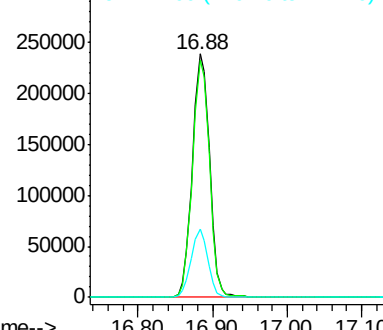
141 27.3 25.2 37.8



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: 88.288 ng

RT: 14.04 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BG031970.D

Acq: 10 Jan 2018 7:03

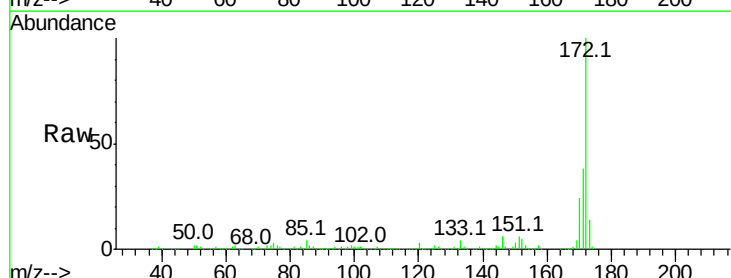
Tgt Ion:172 Resp: 1192266

Ion Ratio Lower Upper

172 100

171 37.9 30.0 45.0

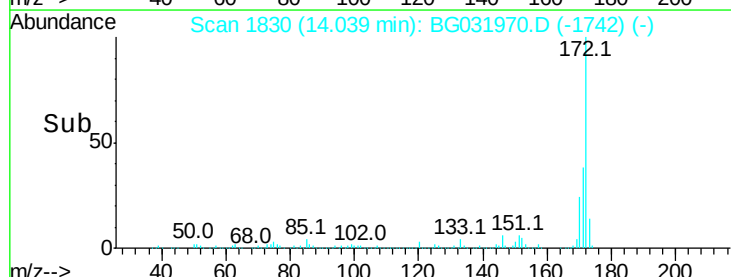
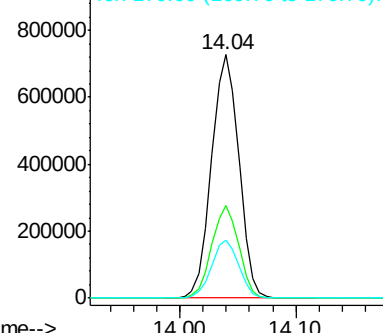
170 23.7 19.5 29.3

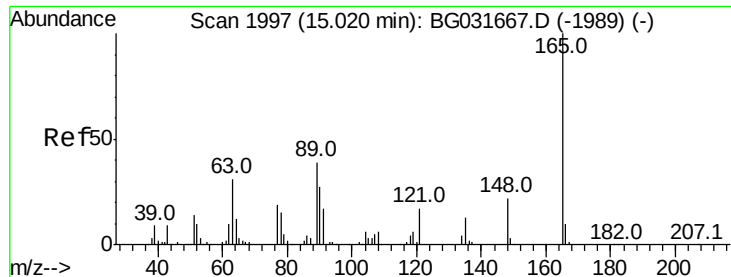


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 7.586 ng

RT: 15.41 min Scan# 2063

Delta R.T. 0.43 min

Lab File: BG031970.D

Acq: 10 Jan 2018 7:03

Instrument :

BNA_G

ClientSampleId :

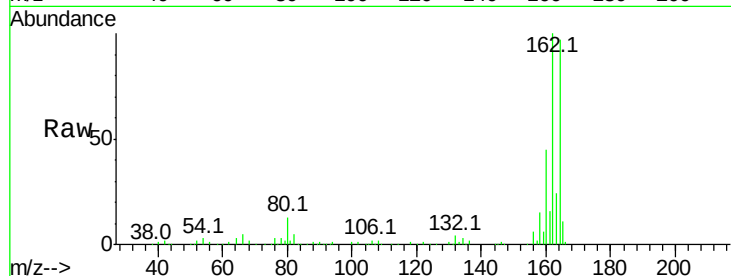
Tot Ion:165 Resp: 20837

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

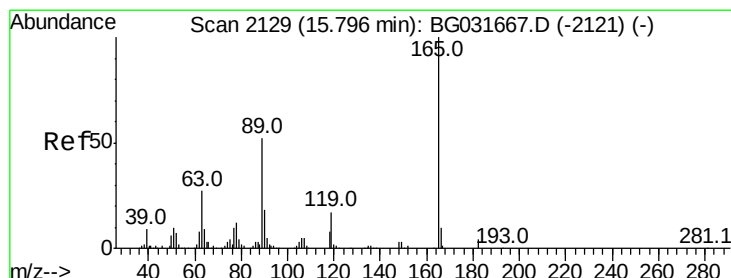
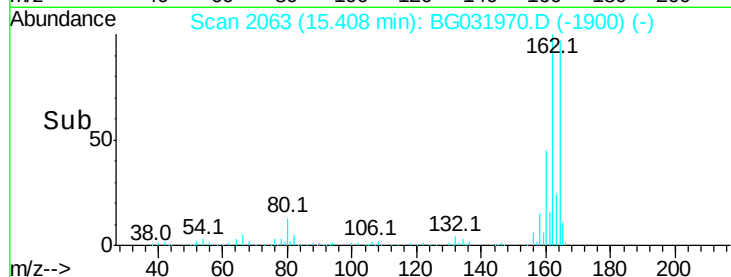
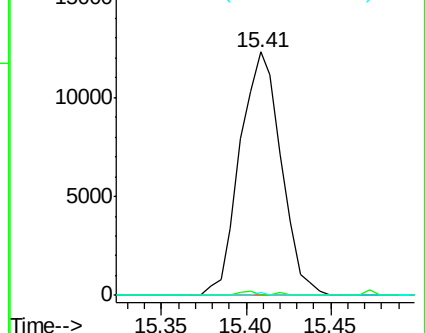
89 1.4 49.2 73.8#



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



#56

2,4-Dinitrotoluene

Concen: 5.899 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.35 min

Lab File: BG031970.D

Acq: 10 Jan 2018 7:03

Tgt Ion:165 Resp: 20837

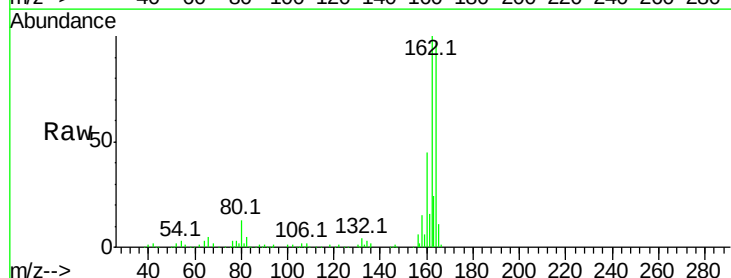
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 1.4 66.9 100.3#

182 0.0 2.6 3.8#

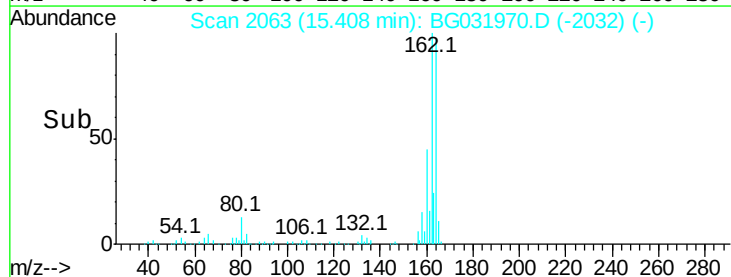
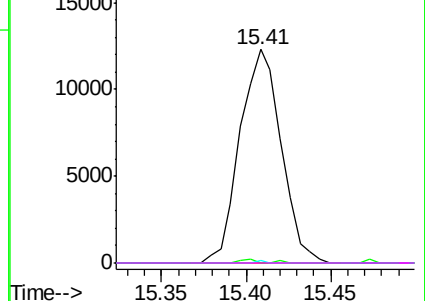


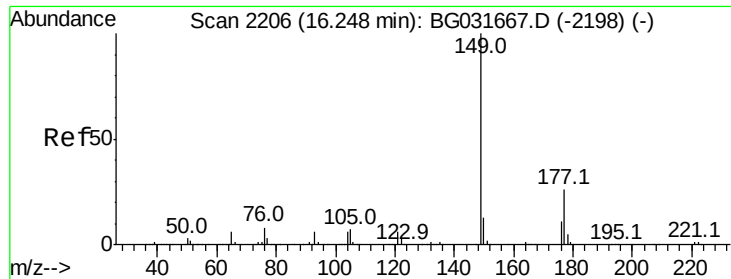
Abundance Ion 165.00 (164.70 to 165.70): E

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

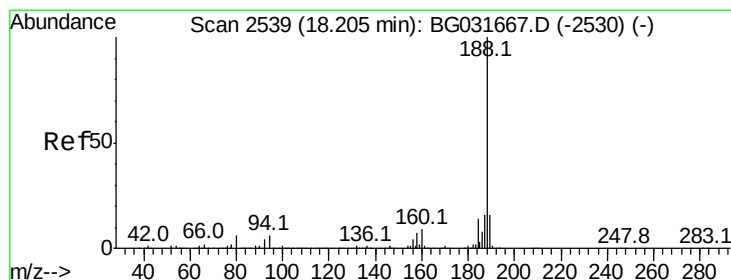
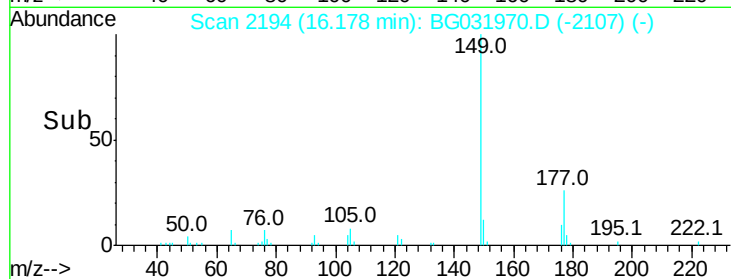
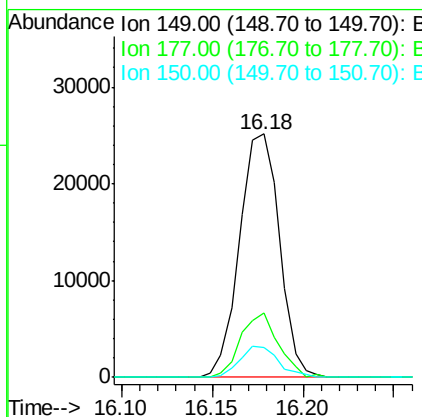
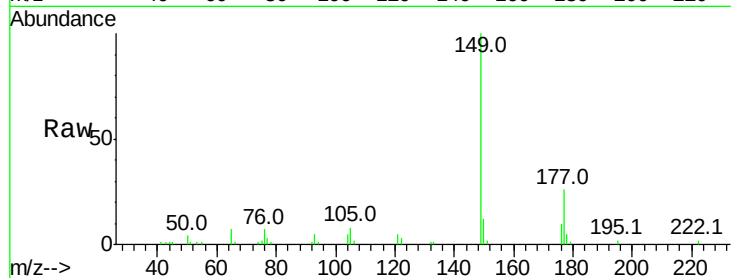




#59
Diethylphthalate
Concen: 2.647 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

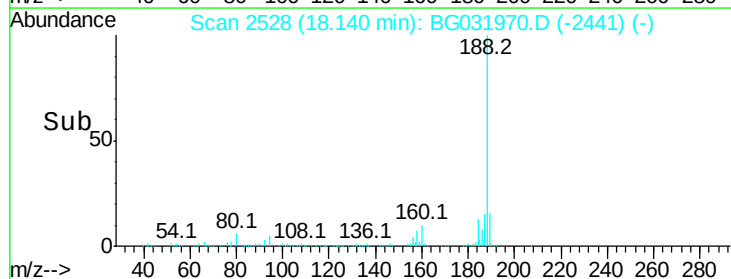
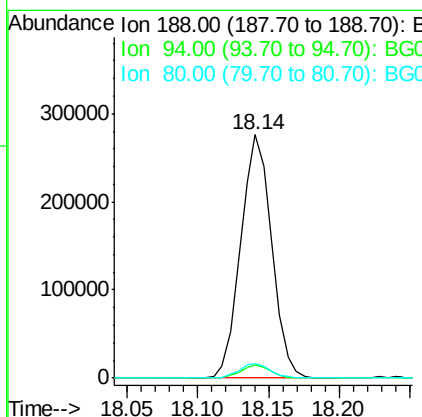
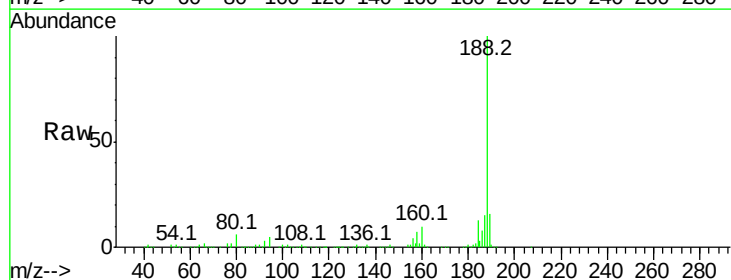
Instrument :
BNA_G
ClientSampleId :

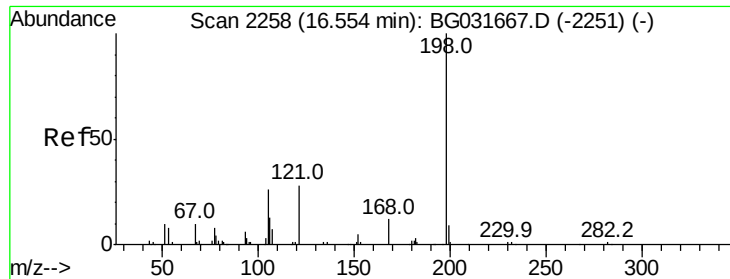
Tot Ion:149 Resp: 38526
Ion Ratio Lower Upper
149 100
177 26.3 18.5 27.7
150 12.2 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Tgt Ion:188 Resp: 424178
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 5.8 7.7 11.5#

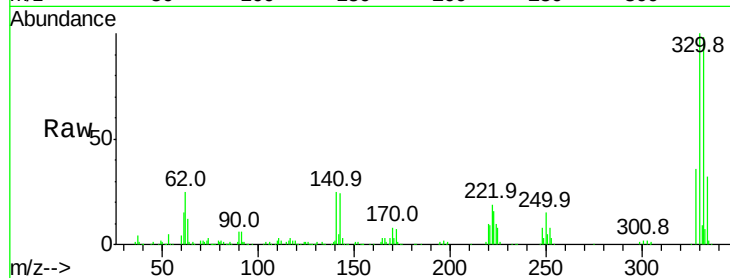




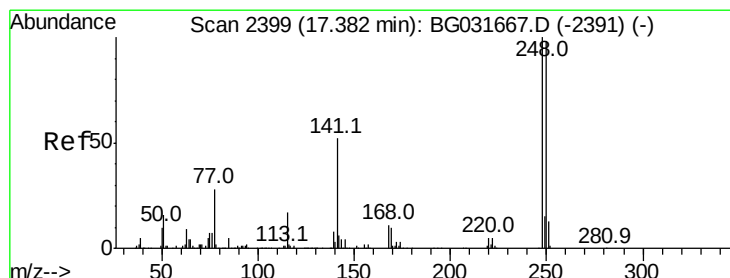
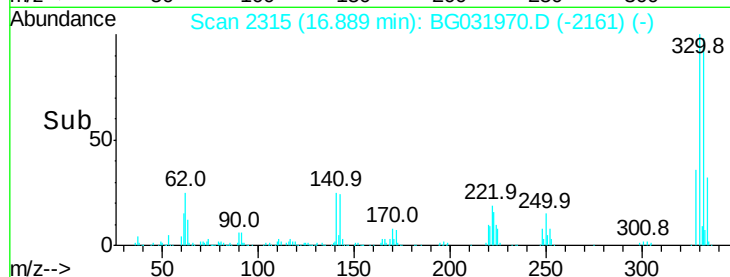
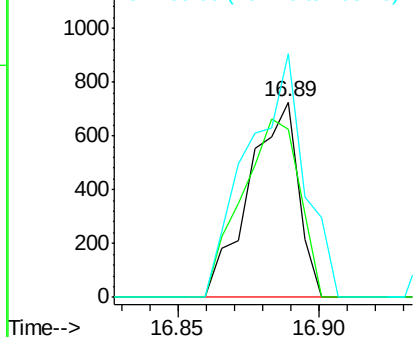
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.657 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. 0.37 min
 Lab File: BG031970.D
 Acq: 10 Jan 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 876
 Ion Ratio Lower Upper
 198 100
 51 86.2 30.6 70.6#
 105 124.5 23.8 63.8#

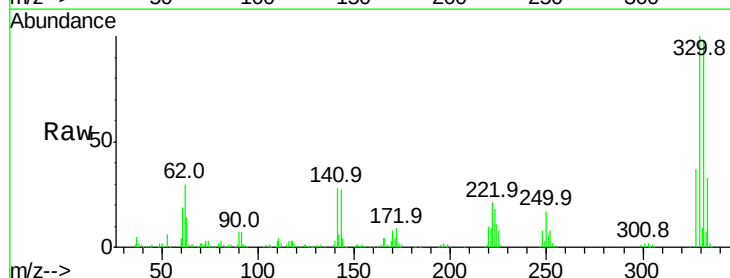


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

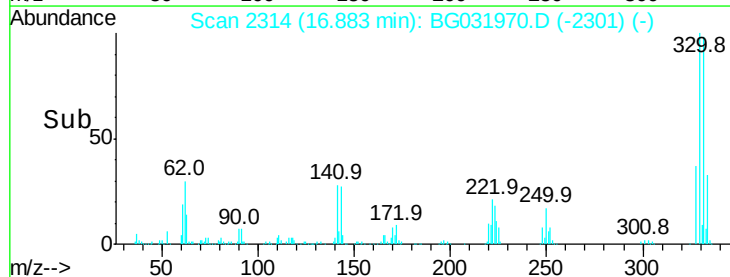
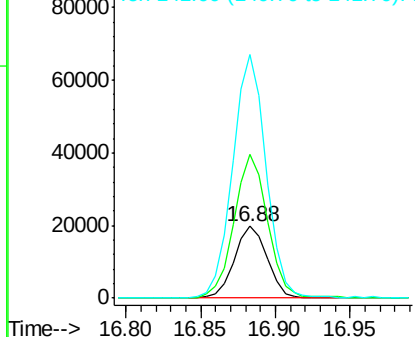


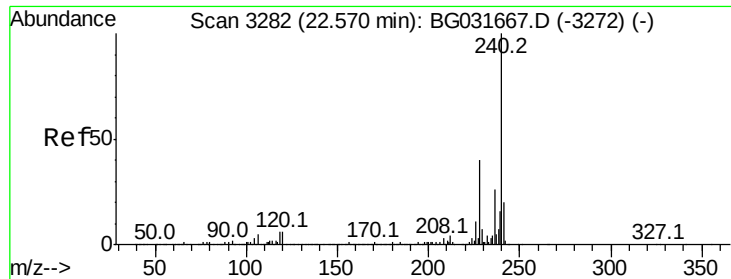
#66
 4-Bromophenyl-phenylether
 Concen: 4.950 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. -0.45 min
 Lab File: BG031970.D
 Acq: 10 Jan 2018 7:03

Tgt Ion:248 Resp: 30363
 Ion Ratio Lower Upper
 248 100
 250 200.3 77.1 115.7#
 141 339.7 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# 3267

Delta R.T. -0.04 min

Lab File: BG031970.D

Acq: 10 Jan 2018 7:03

Instrument :

BNA_G

ClientSampleId :

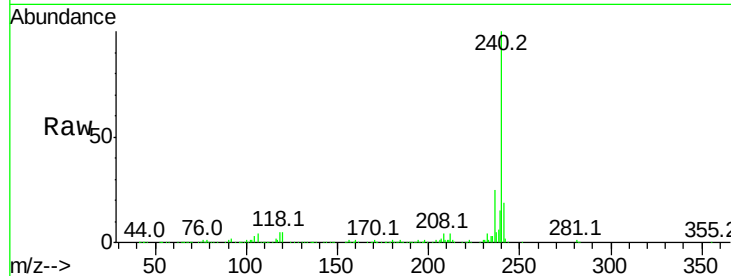
Tot Ion:240 Resp: 481686

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

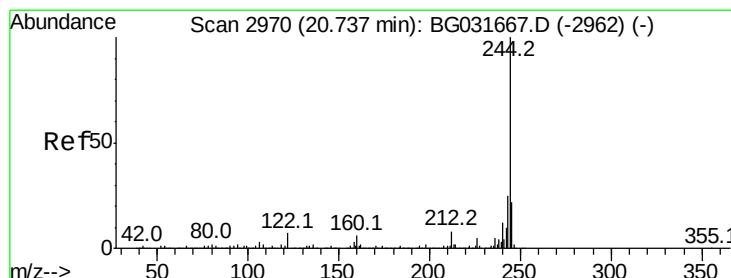
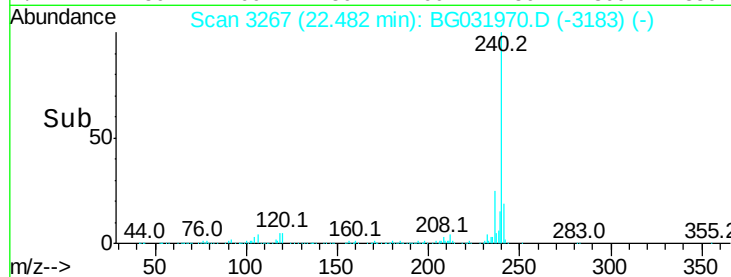
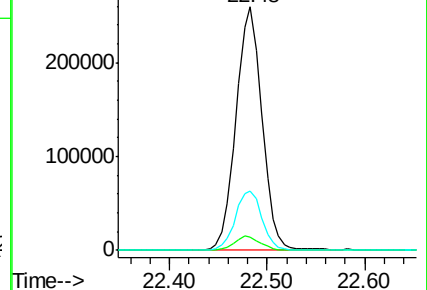
236 24.6 20.9 31.3



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: 96.536 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.03 min

Lab File: BG031970.D

Acq: 10 Jan 2018 7:03

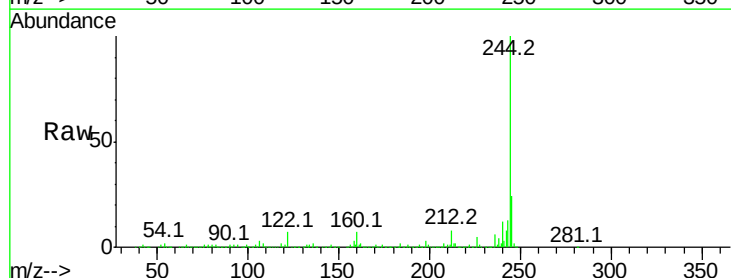
Tgt Ion:244 Resp: 2035322

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

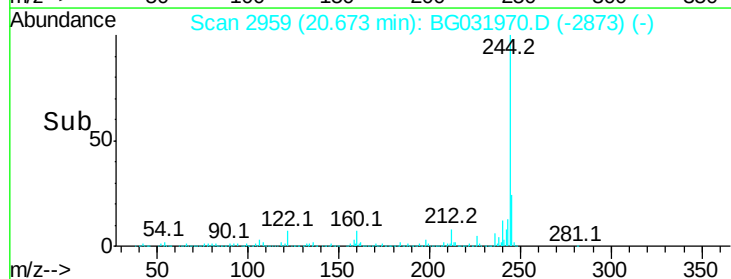
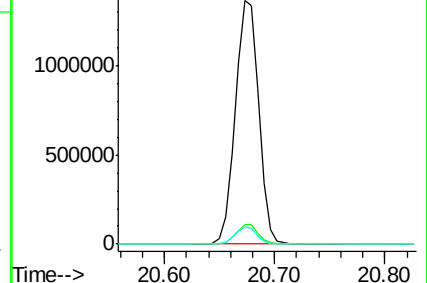
122 7.2 7.0 10.4

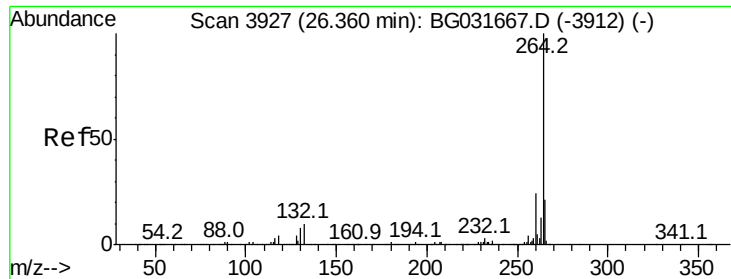


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

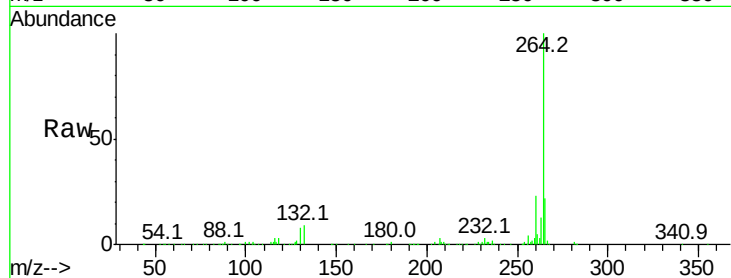




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.21 min Scan# 3902
Delta R.T. -0.08 min
Lab File: BG031970.D
Acq: 10 Jan 2018 7:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.6	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

