

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
 Data File : BG031942.D
 Acq On : 5 Jan 2018 21:00
 Operator : SJ/JU
 Sample : J1012-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 23:13:21 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

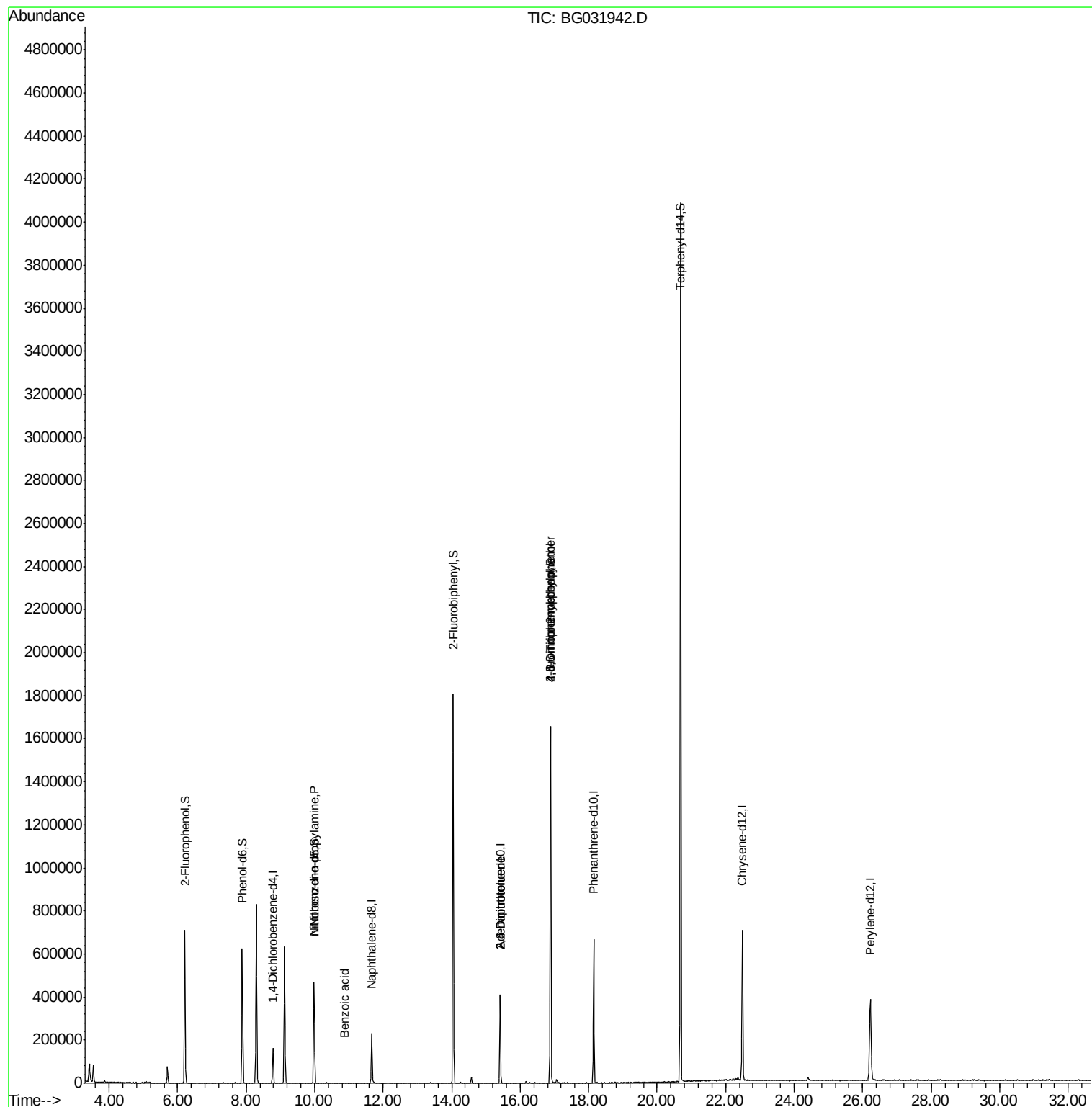
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	55379	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	235621	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	167071	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	462766	20.00	ng	-0.02
75) Chrysene-d12	22.49	240	526793	20.00	ng	-0.03
86) Perylene-d12	26.22	264	516361	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	382782	125.89	ng	0.00
7) Phenol-d6	7.89	99	443189	112.27	ng	0.00
23) Nitrobenzene-d5	9.98	82	313608	100.51	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	410714	161.11	ng	-0.01
44) 2-Fluorobiphenyl	14.04	172	1100818	82.70	ng	-0.01
78) Terphenyl-d14	20.68	244	2149319	93.21	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	41574	15.421	ng	# 71
32) Benzoic acid	10.89	122	84	6.724	ng	# 28
50) 2,6-Dinitrotoluene	15.41	165	21414	7.909	ng	# 19
56) 2,4-Dinitrotoluene	15.41	165	21414	6.151	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.89	198	1033	8.685	ng	# 55
66) 4-Bromophenyl-phenylether	16.89	248	33583	5.018	ng	# 1

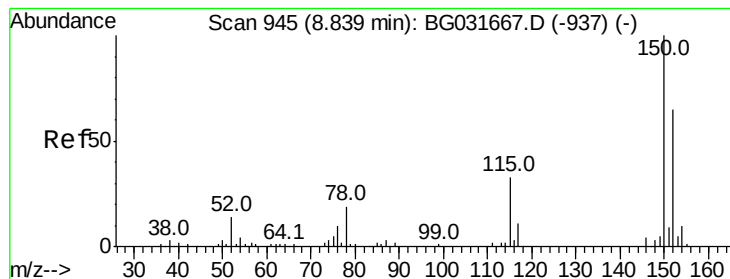
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
Data File : BG031942.D
Acq On : 5 Jan 2018 21:00
Operator : SJ/JU
Sample : J1012-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 05 23:13:21 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



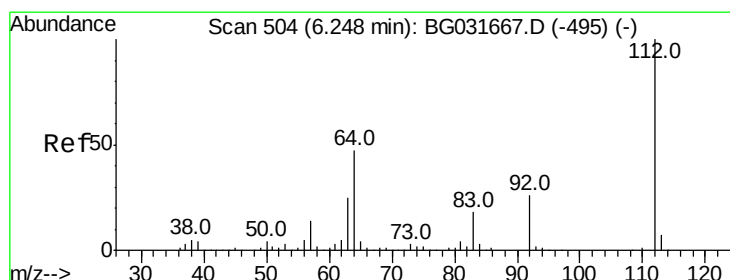
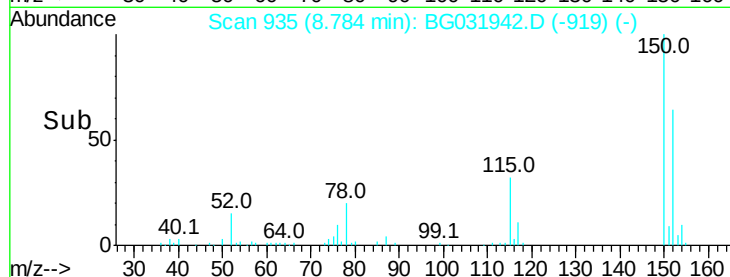
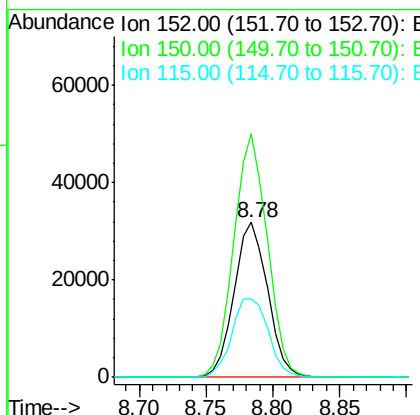
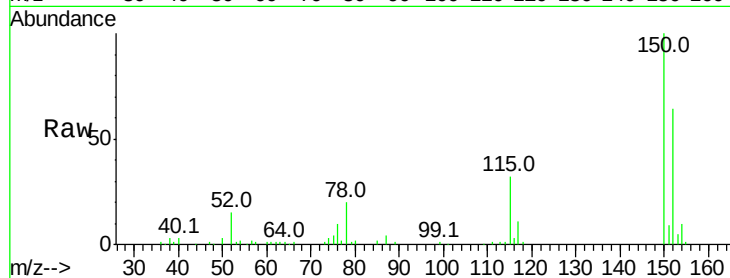


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG031942.D
Acq: 5 Jan 2018 21:00

Instrument :
BNA_G
ClientSampleId :

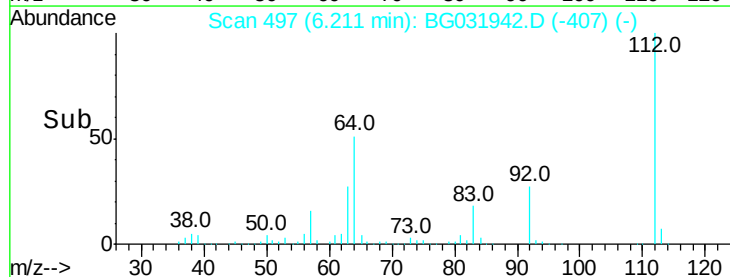
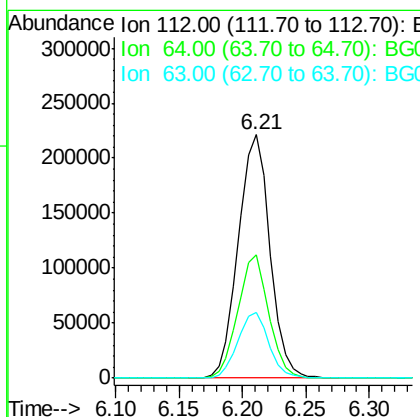
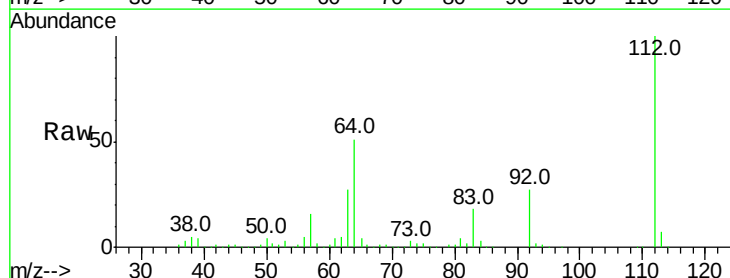
Tot Ion:152 Resp: 55379
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 50.7 53.0 79.4#

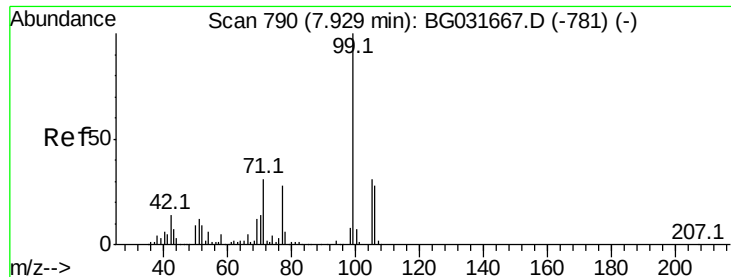


#5

2-Fluorophenol
Concen: 125.895 ng
RT: 6.21 min Scan# 497
Delta R.T. 0.00 min
Lab File: BG031942.D
Acq: 5 Jan 2018 21:00

Tgt Ion:112 Resp: 382782
Ion Ratio Lower Upper
112 100
64 50.8 56.3 84.5#
63 27.2 30.1 45.1#





#7

Phenol-d6

Concen: 112.269 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031942.D

Acq: 5 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

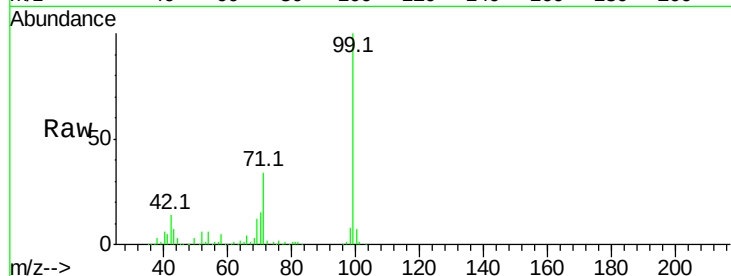
Tot Ion: 99 Resp: 443189

Ion Ratio Lower Upper

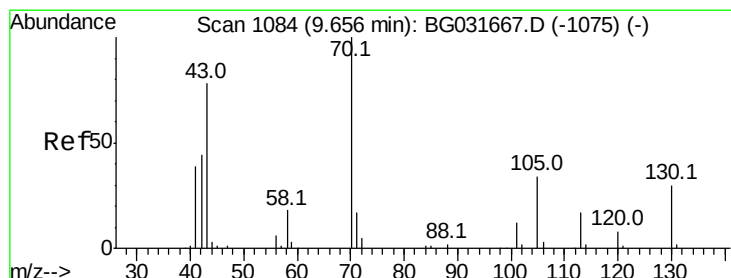
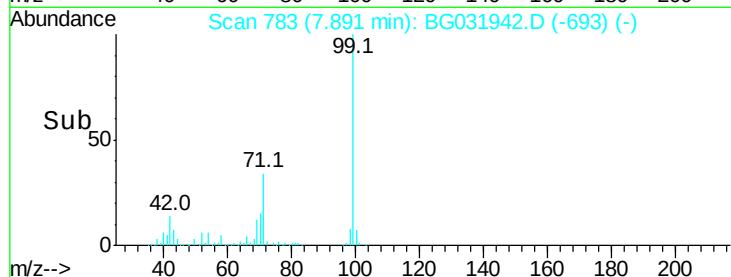
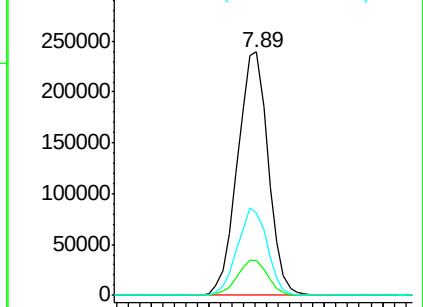
99 100

42 14.2 14.1 21.1

71 33.6 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: 15.421 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.38 min

Lab File: BG031942.D

Acq: 5 Jan 2018 21:00

Tgt Ion: 70 Resp: 41574

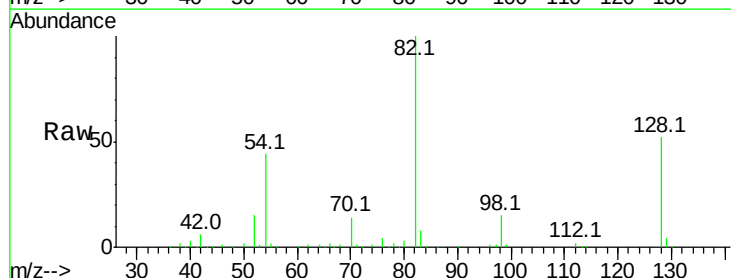
Ion Ratio Lower Upper

70 100

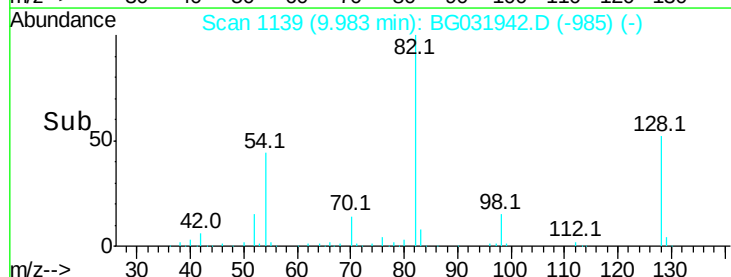
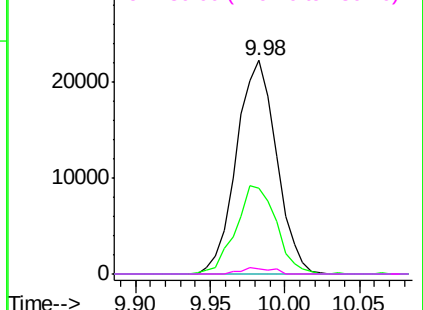
42 39.9 49.1 73.7#

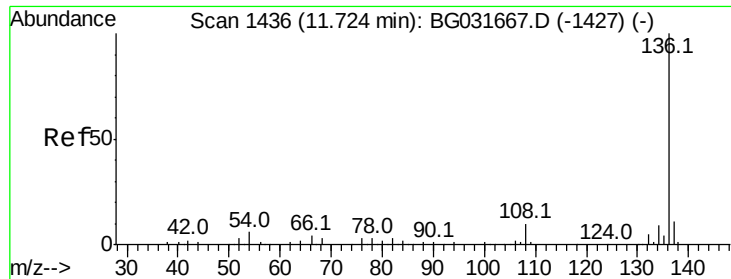
101 0.0 8.5 12.7#

130 2.2 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: BG031942.D

Acq: 5 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 235621

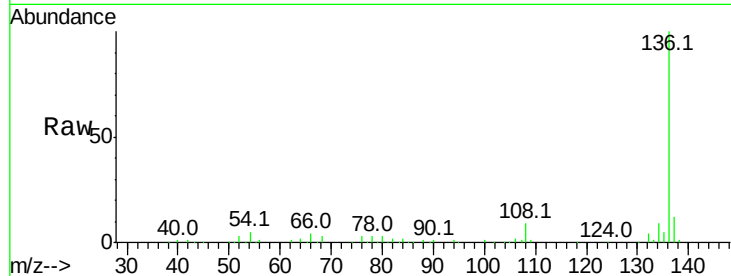
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 4.7 10.3 15.5#

68 3.4 4.5 6.7#

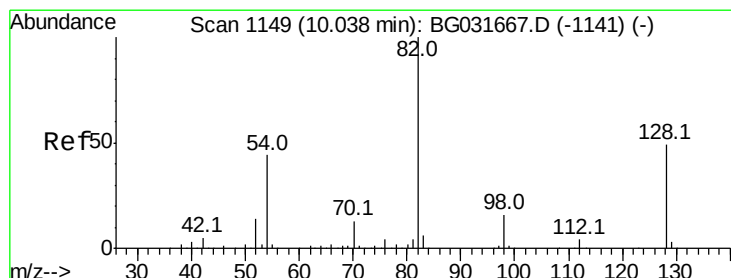
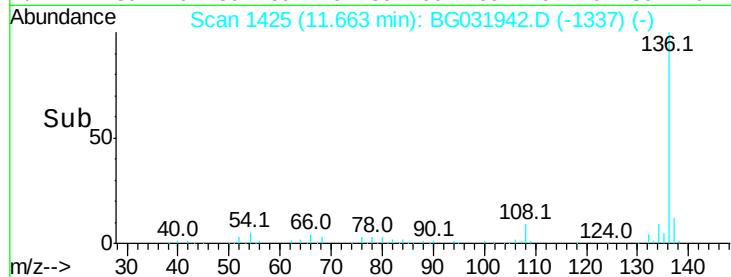
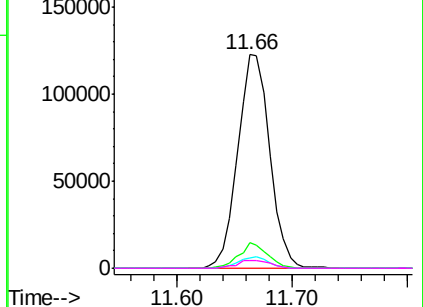


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.506 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG031942.D

Acq: 5 Jan 2018 21:00

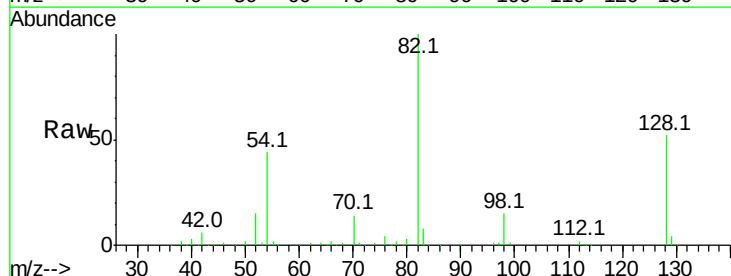
Tgt Ion: 82 Resp: 313608

Ion Ratio Lower Upper

82 100

128 52.1 29.7 44.5#

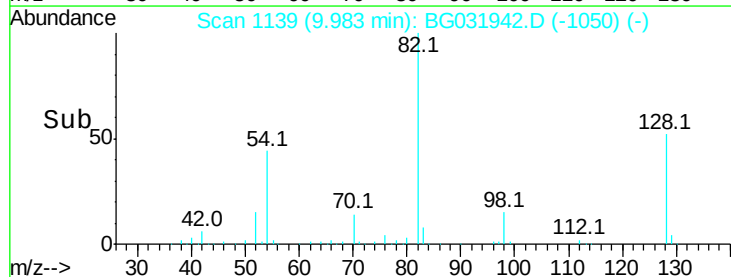
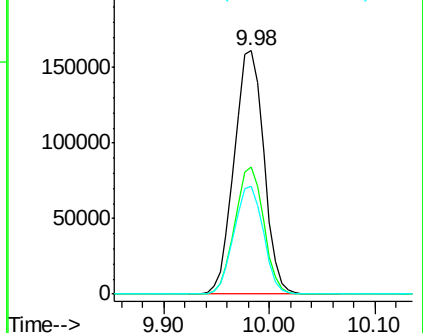
54 44.2 43.1 64.7

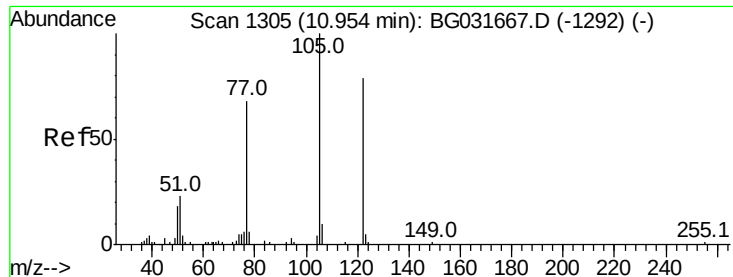


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

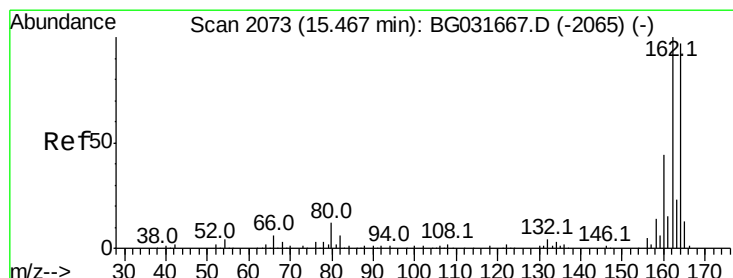
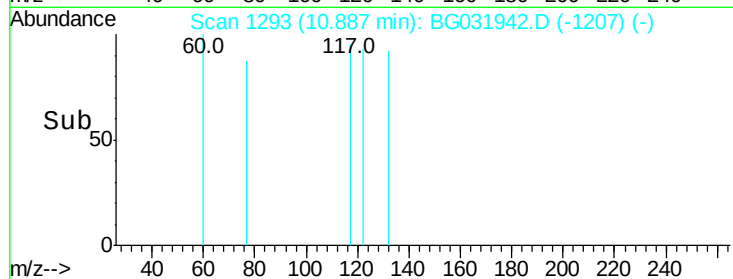
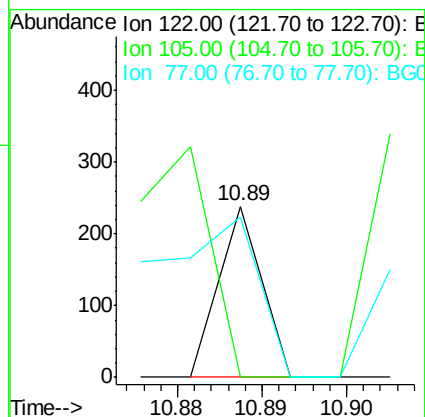
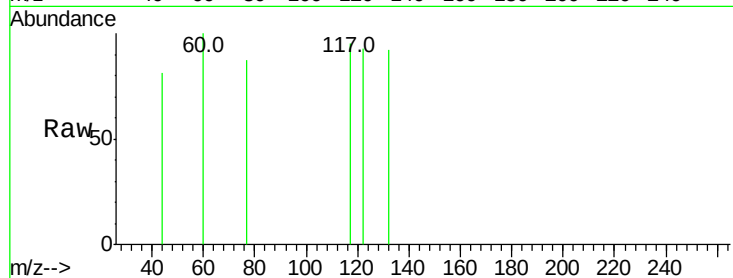




#32
Benzoic acid
Concen: 6.724 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG031942.D
Acq: 5 Jan 2018 21:00

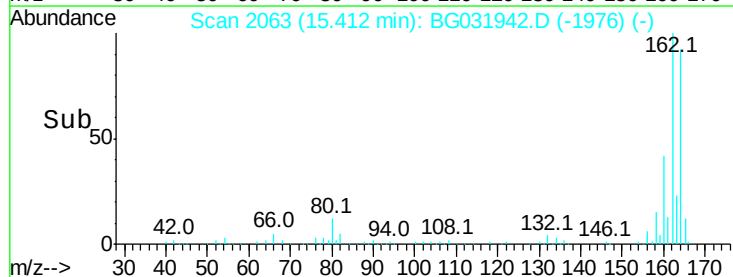
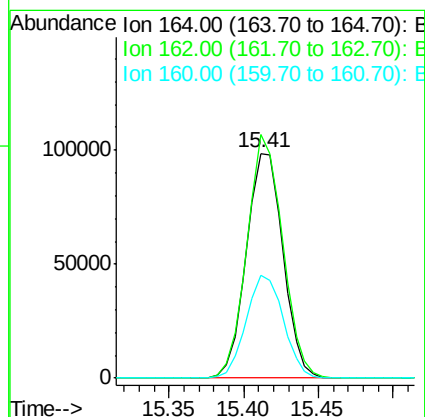
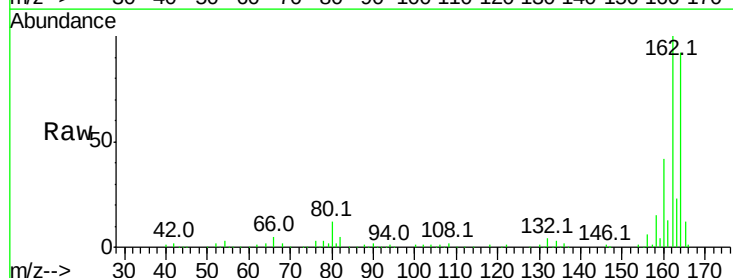
Instrument :
BNA_G
ClientSampleId :

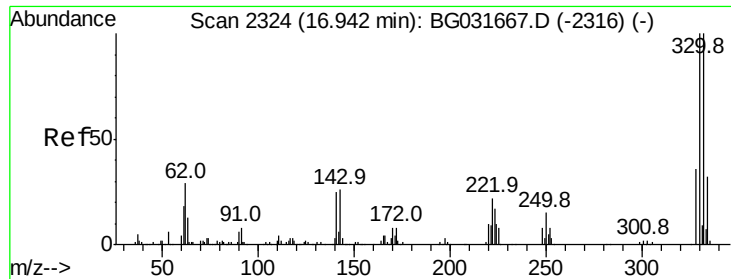
Tot Ion:122 Resp: 84
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 93.7 85.7 125.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BG031942.D
Acq: 5 Jan 2018 21:00

Tgt Ion:164 Resp: 167071
Ion Ratio Lower Upper
164 100
162 108.3 78.8 118.2
160 45.8 35.4 53.0

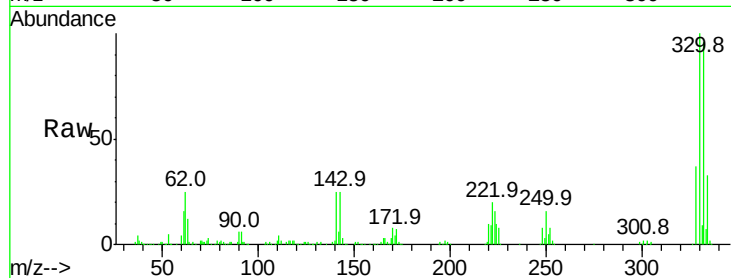




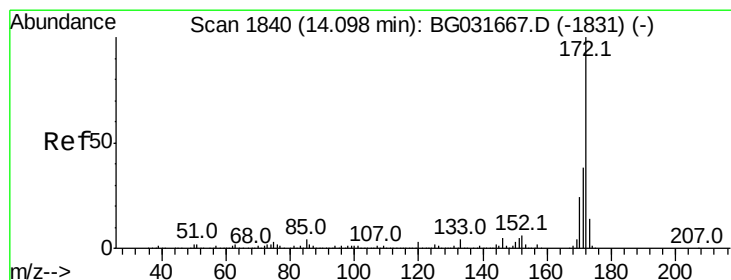
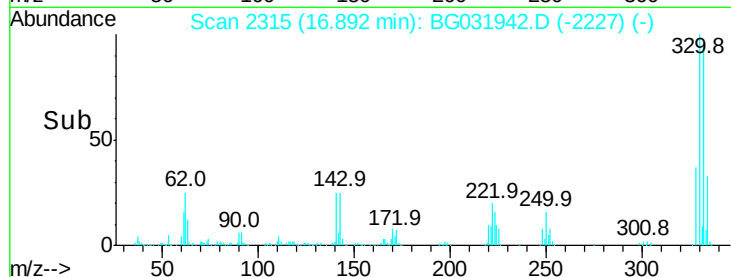
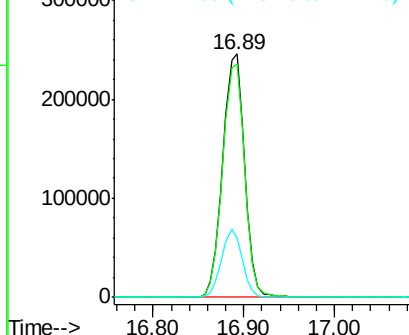
#41
 2,4,6-Tribromophenol
 Concen: 161.110 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031942.D
 Acq: 5 Jan 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 410714
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 26.5 25.2 37.8

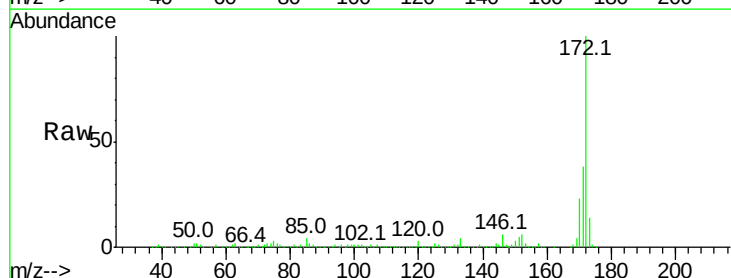


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

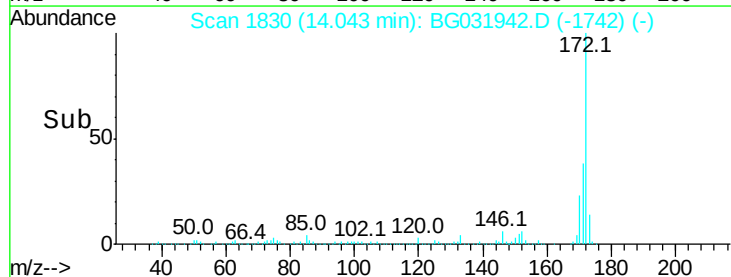
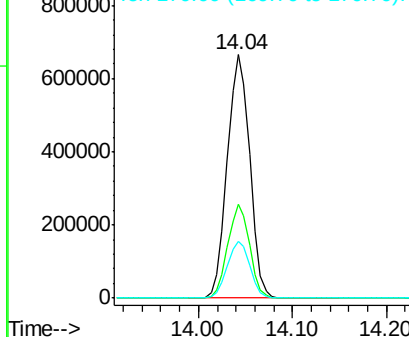


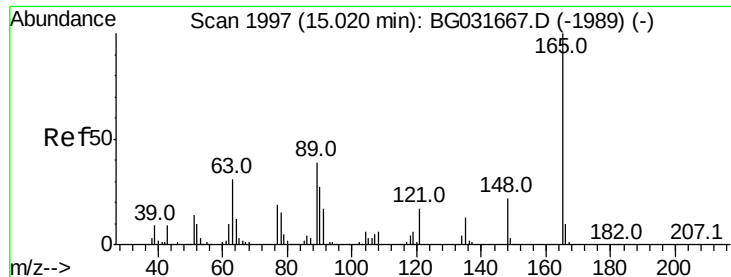
#44
 2-Fluorobiphenyl
 Concen: 82.700 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031942.D
 Acq: 5 Jan 2018 21:00

Tgt Ion:172 Resp: 1100818
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 23.5 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

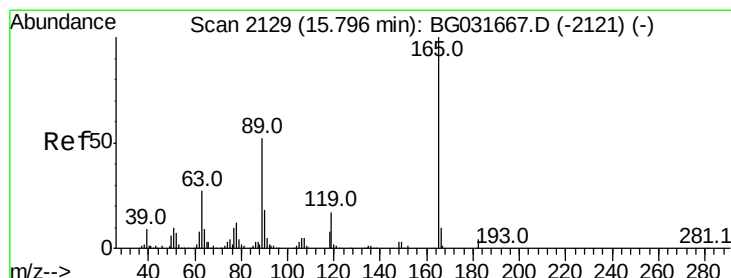
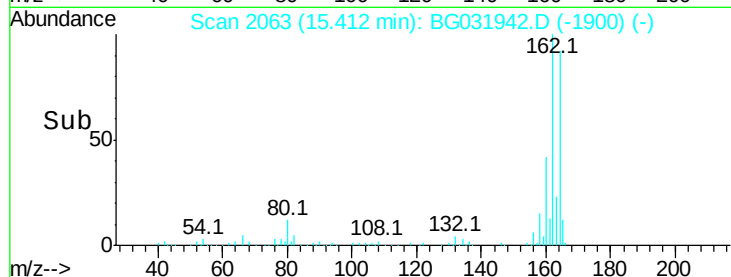
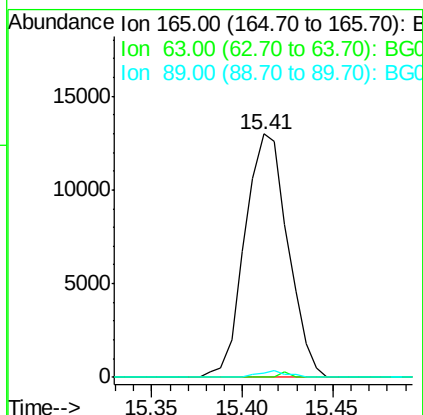
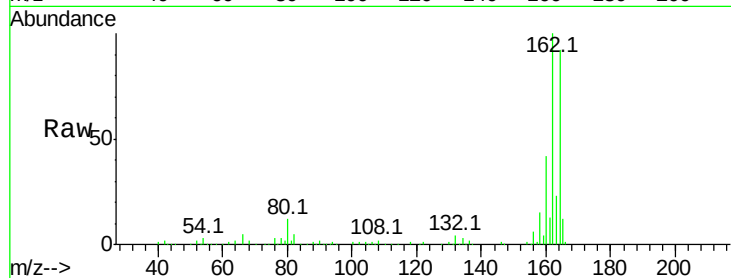




#50
2,6-Dinitrotoluene
Concen: 7.909 ng
RT: 15.41 min Scan# 2063
Delta R.T. 0.43 min
Lab File: BG031942.D
Acq: 5 Jan 2018 21:00

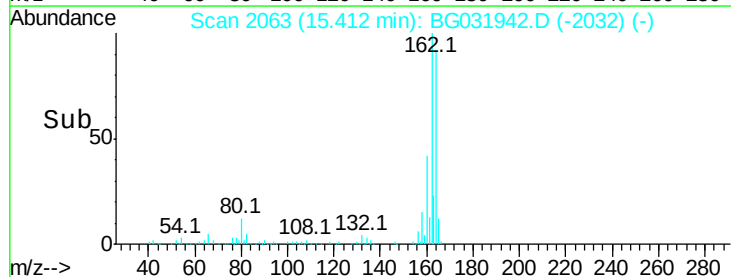
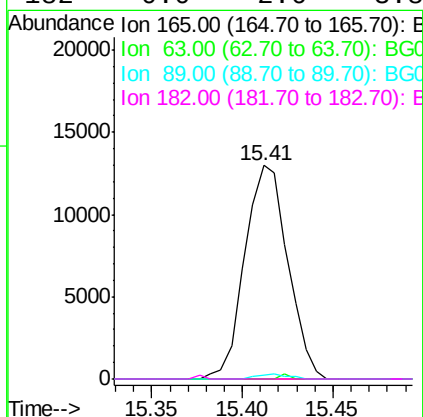
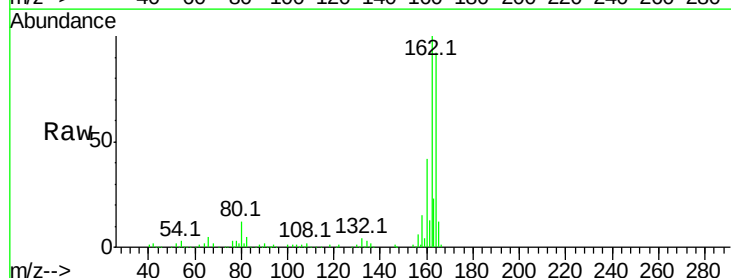
Instrument :
BNA_G
ClientSampleId :

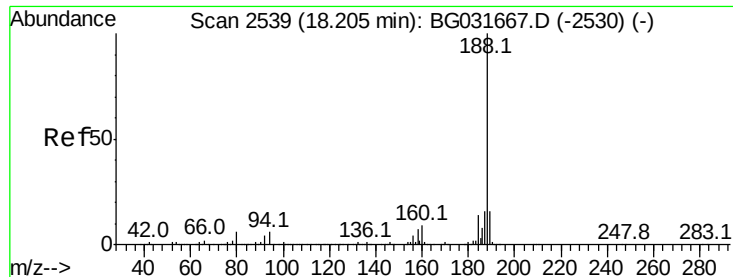
Tot Ion:165 Resp: 21414
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.8 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 6.151 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.35 min
Lab File: BG031942.D
Acq: 5 Jan 2018 21:00

Tgt Ion:165 Resp: 21414
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#

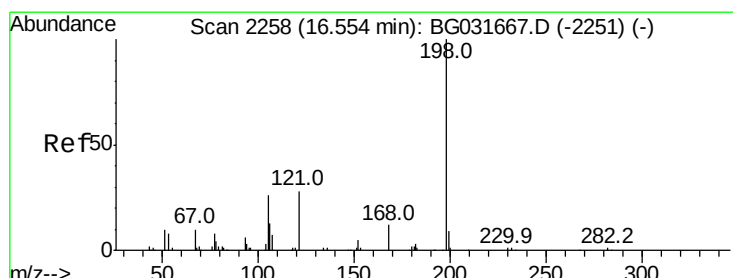
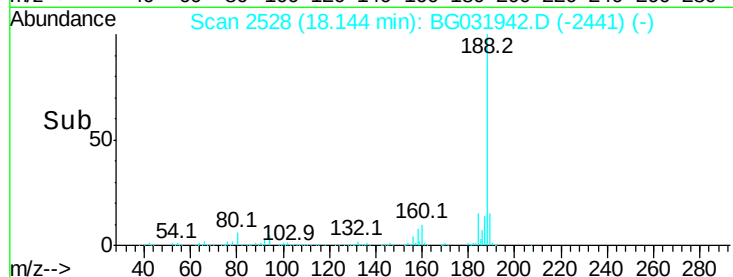
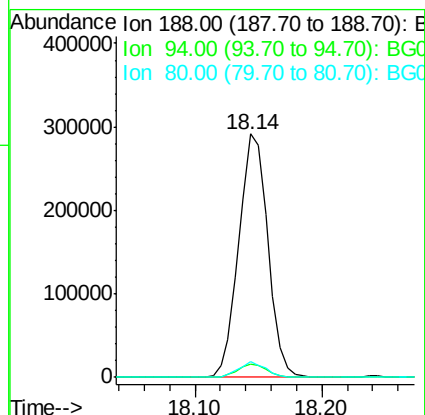
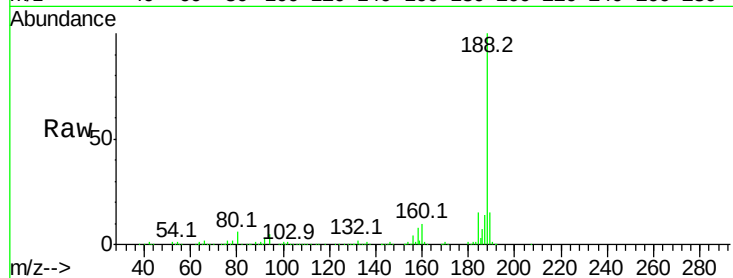




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031942.D
Acq: 5 Jan 2018 21:00

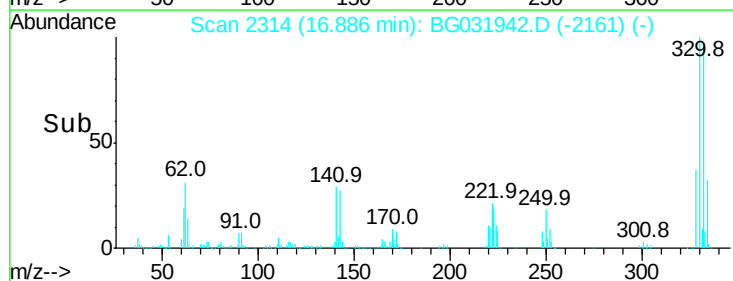
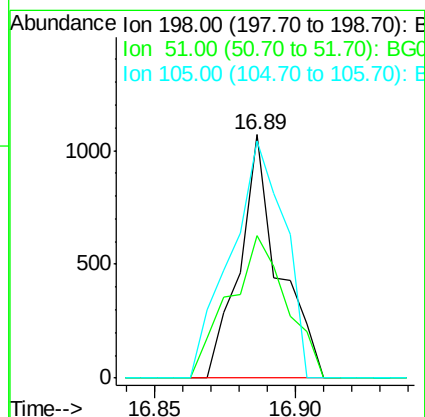
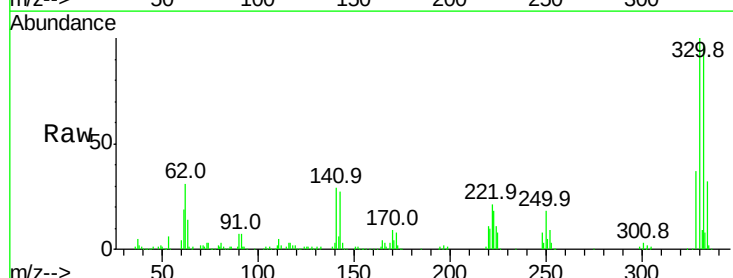
Instrument :
BNA_G
ClientSampleId :

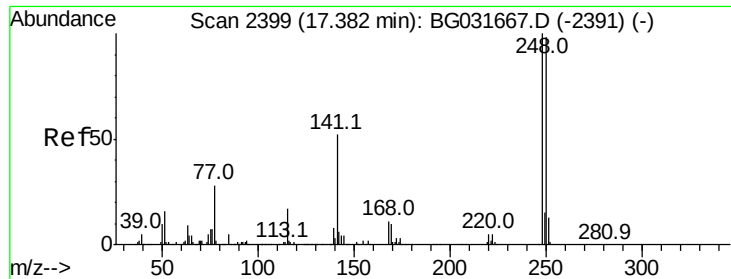
Tot Ion:188 Resp: 462766
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 6.3 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.685 ng
RT: 16.89 min Scan# 2314
Delta R.T. 0.37 min
Lab File: BG031942.D
Acq: 5 Jan 2018 21:00

Tgt Ion:198 Resp: 1033
Ion Ratio Lower Upper
198 100
51 58.3 30.6 70.6
105 97.5 23.8 63.8#

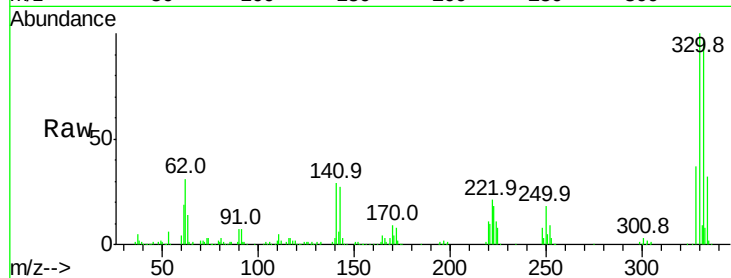




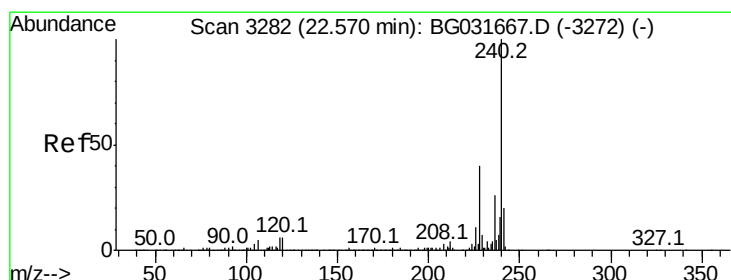
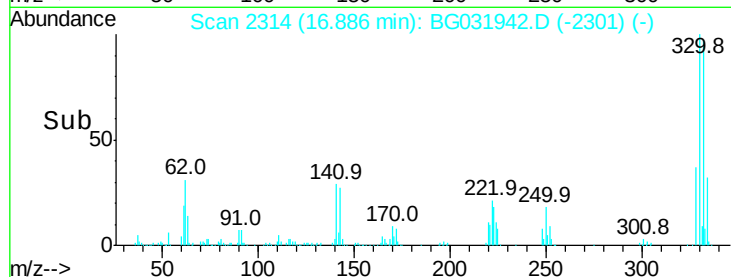
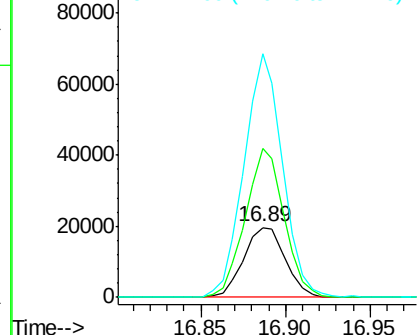
#66
 4-Bromophenyl-phenylether
 Concen: 5.018 ng
 RT: 16.89 min Scan# 2314
 Delta R.T. -0.45 min
 Lab File: BG031942.D
 Acq: 5 Jan 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 33583
 Ion Ratio Lower Upper
 248 100
 250 213.7 77.1 115.7#
 141 348.0 50.8 76.2#

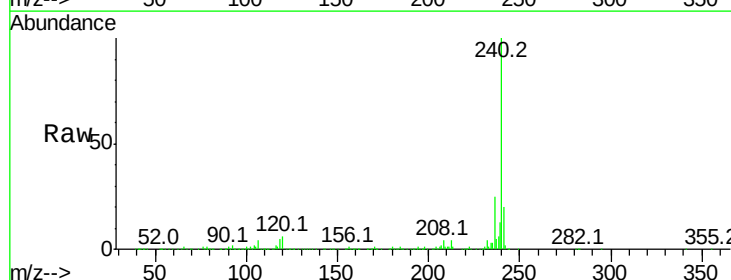


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

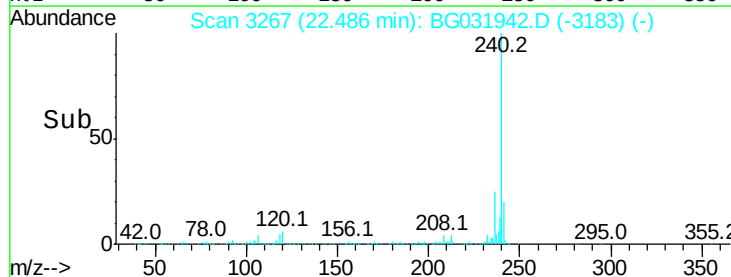
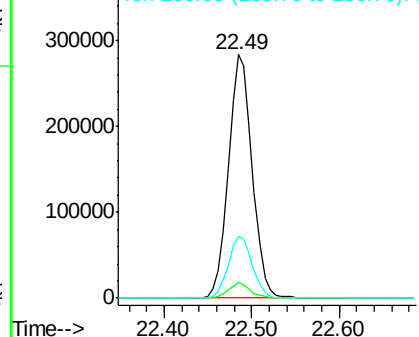


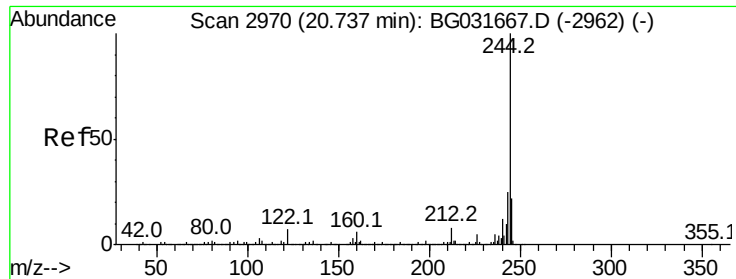
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3267
 Delta R.T. -0.03 min
 Lab File: BG031942.D
 Acq: 5 Jan 2018 21:00

Tgt Ion:240 Resp: 526793
 Ion Ratio Lower Upper
 240 100
 120 6.3 6.8 10.2#
 236 25.2 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



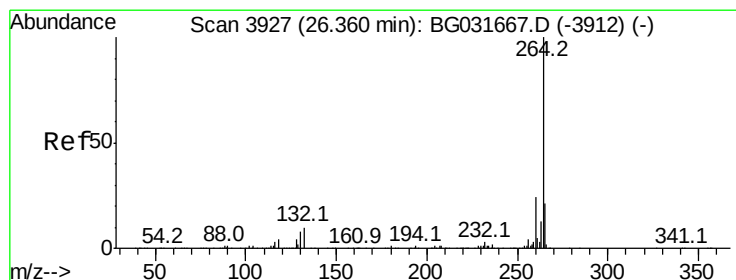
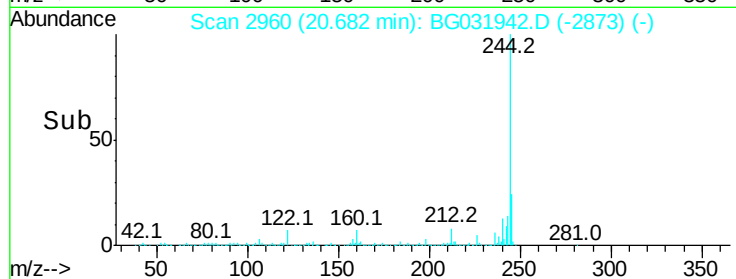
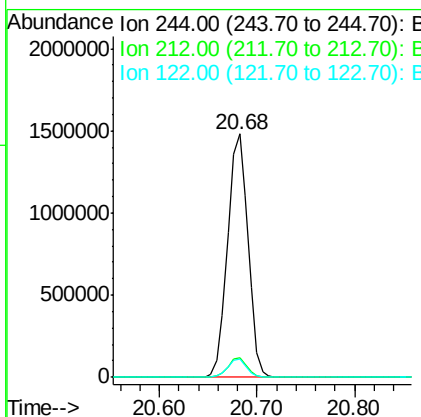
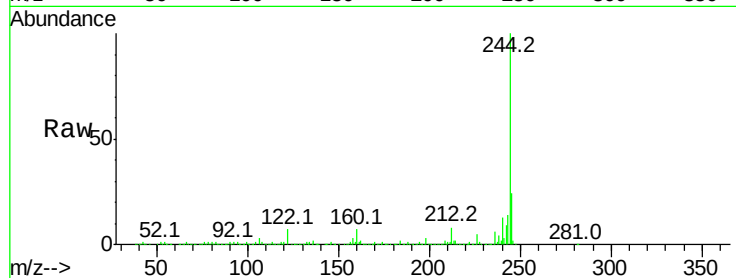


#78
 Terphenyl-d14
 Concen: 93.214 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.02 min
 Lab File: BG031942.D
 Acq: 5 Jan 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2149319

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	7.4	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3903
 Delta R.T. -0.08 min
 Lab File: BG031942.D
 Acq: 5 Jan 2018 21:00

Tgt Ion:264 Resp: 516361

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.0	17.7	26.5

