

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031951.D
 Acq On : 9 Jan 2018 18:19
 Operator : SJ/JU
 Sample : J1050-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 00:23:41 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

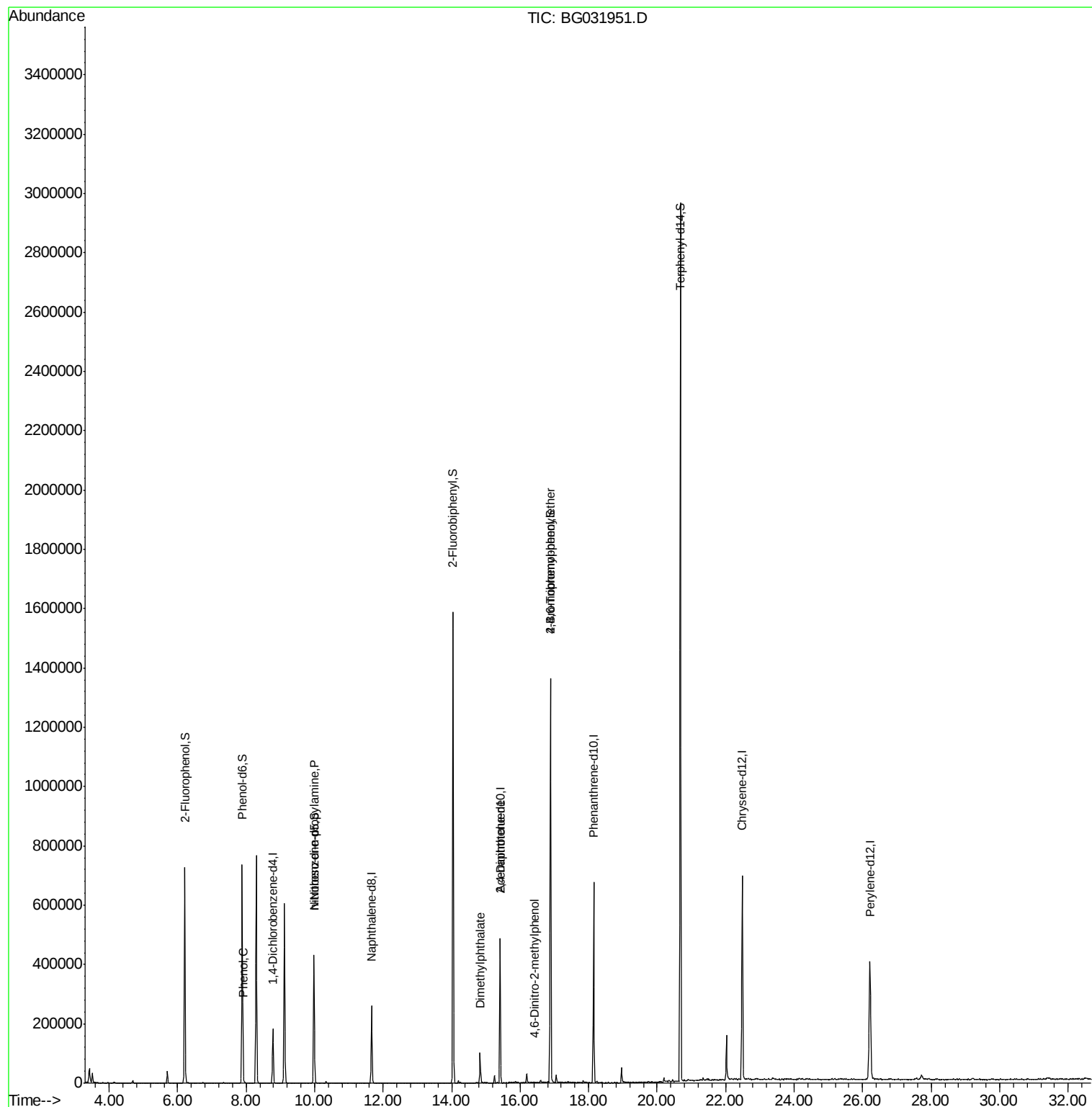
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	63638	20.00	ng	-0.01
21) Naphthalene-d8	11.66	136	263902	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	187608	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	471623	20.00	ng	-0.02
75) Chrysene-d12	22.49	240	536154	20.00	ng	-0.03
86) Perylene-d12	26.21	264	539338	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	394801	113.00	ng	0.00
7) Phenol-d6	7.89	99	510143	112.46	ng	0.00
23) Nitrobenzene-d5	9.98	82	282718	80.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.89	330	336076	117.40	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	978722	65.48	ng	-0.02
78) Terphenyl-d14	20.68	244	1608802	68.55	ng	-0.02
Target Compounds						
10) Phenol	7.91	94	20804	4.543	ng	92
19) n-Nitroso-di-n-propylamine	9.98	70	35804	11.557	ng	# 74
49) Dimethylphthalate	14.84	163	79724	4.824	ng	# 95
56) 2,4-Dinitrotoluene	15.41	165	24302	6.216	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.43	198	63	8.328	ng	# 29
66) 4-Bromophenyl-phenylether	16.88	248	27941	4.097	ng	# 1

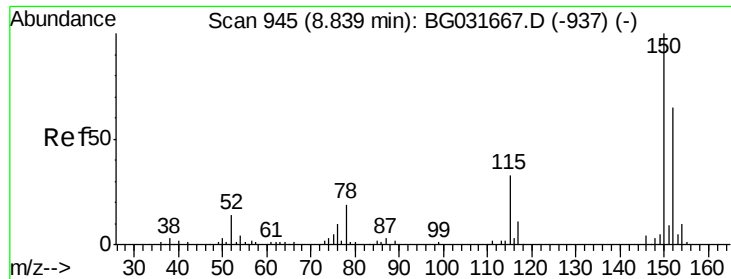
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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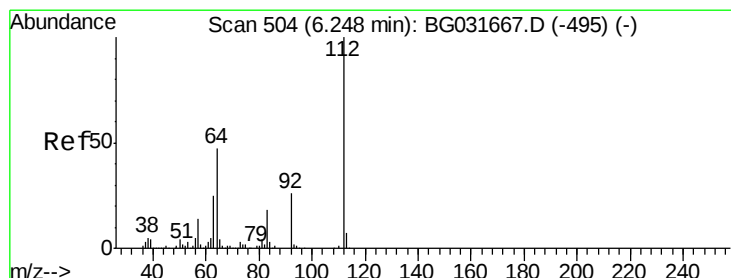
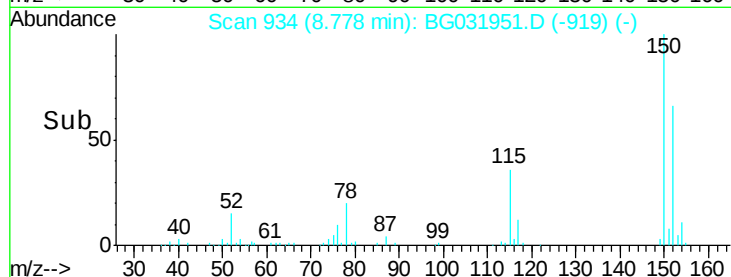
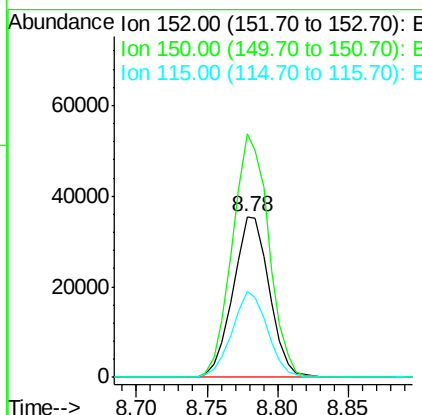
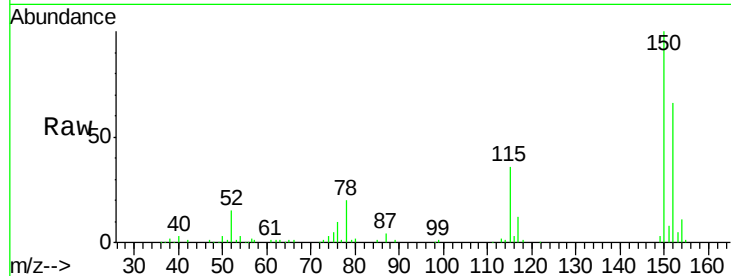


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG031951.D
Acq: 9 Jan 2018 18:19

Instrument :
BNA_G
ClientSampleId :

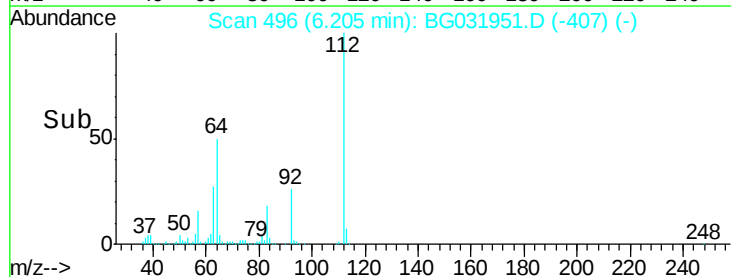
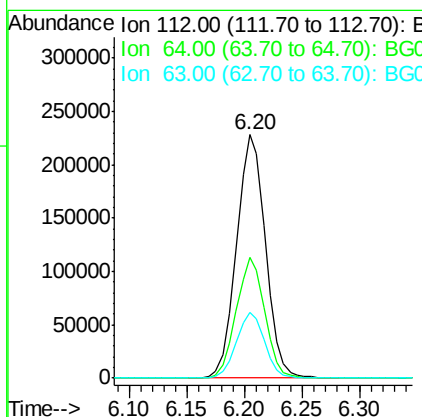
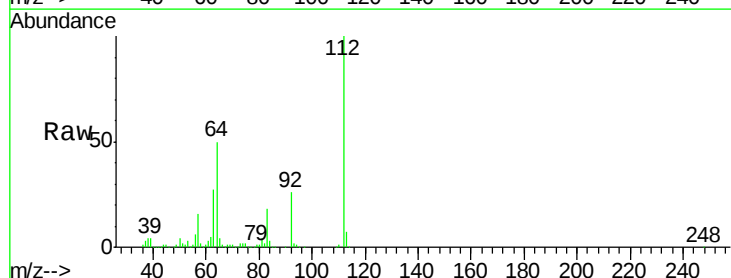
Tot Ion:152 Resp: 63638
Ion Ratio Lower Upper
152 100
150 151.5 126.6 189.8
115 53.9 53.0 79.4

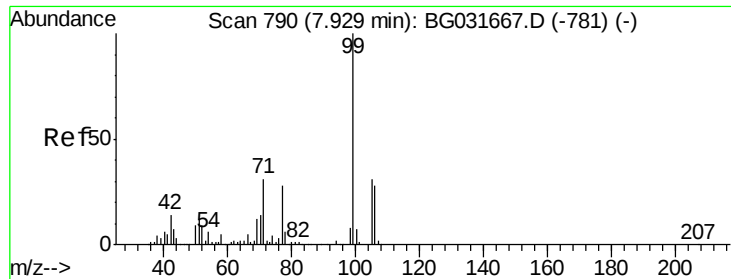


#5

2-Fluorophenol
Concen: 112.996 ng
RT: 6.20 min Scan# 496
Delta R.T. -0.00 min
Lab File: BG031951.D
Acq: 9 Jan 2018 18:19

Tgt Ion:112 Resp: 394801
Ion Ratio Lower Upper
112 100
64 49.6 56.3 84.5#
63 26.8 30.1 45.1#





#7

Phenol-d6

Concen: 112.458 ng

RT: 7.89 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG031951.D

Acq: 9 Jan 2018 18:19

Instrument :

BNA_G

ClientSampleId :

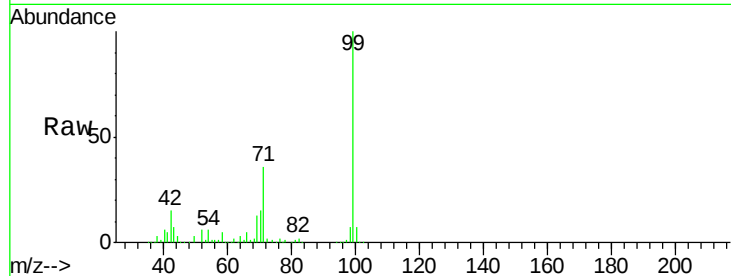
Tot Ion: 99 Resp: 510143

Ion Ratio Lower Upper

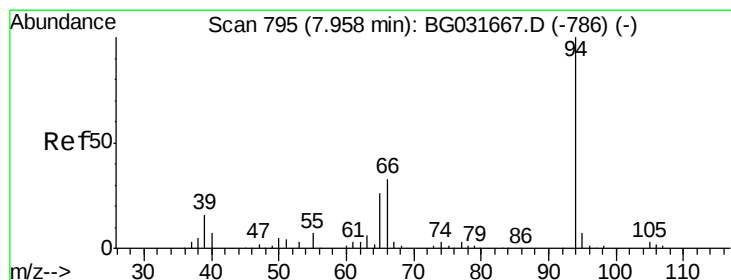
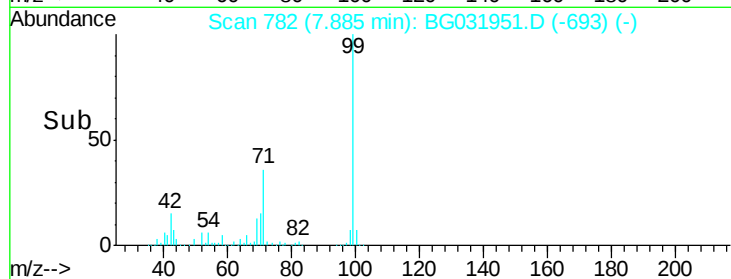
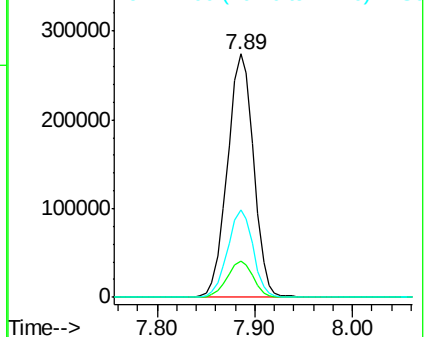
99 100

42 14.9 14.1 21.1

71 35.7 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



#10

Phenol

Concen: 4.543 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG031951.D

Acq: 9 Jan 2018 18:19

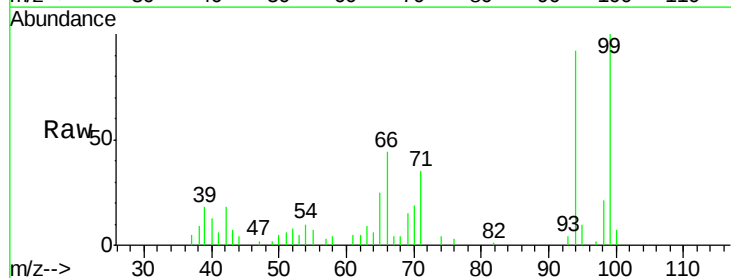
Tgt Ion: 94 Resp: 20804

Ion Ratio Lower Upper

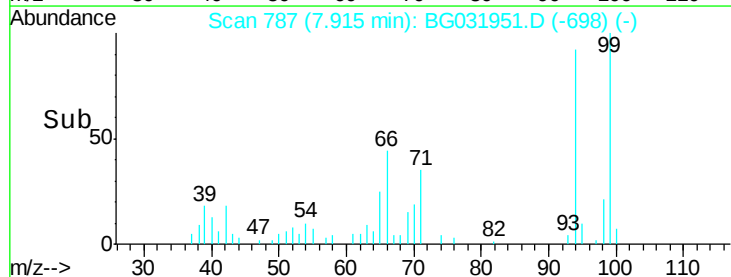
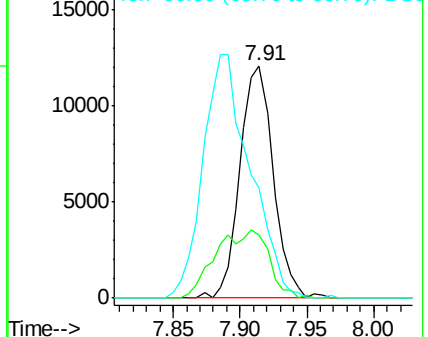
94 100

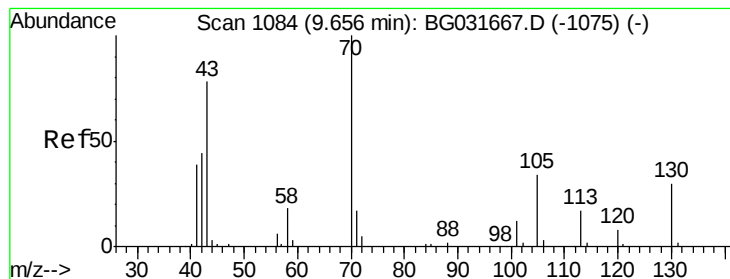
65 27.2 11.9 51.9

66 47.4 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 11.557 ng

RT: 9.98 min Scan# 1138

Delta R.T. 0.37 min

Lab File: BG031951.D

Acq: 9 Jan 2018 18:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 35804

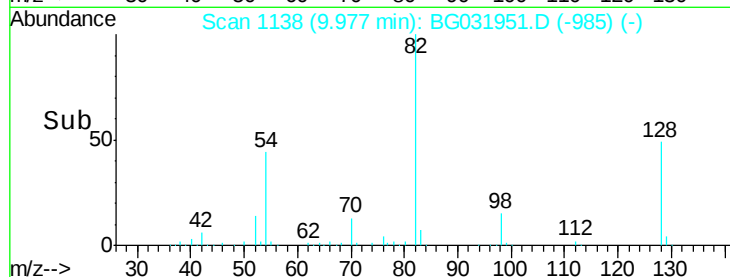
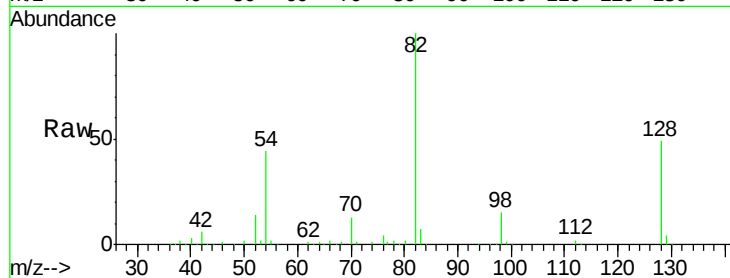
Ion Ratio Lower Upper

70 100

42 43.6 49.1 73.7#

101 0.0 8.5 12.7#

130 2.9 13.4 20.0#

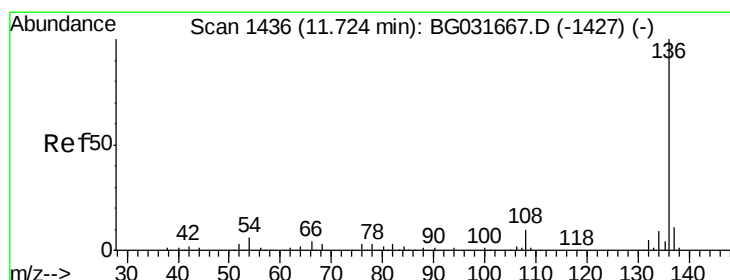
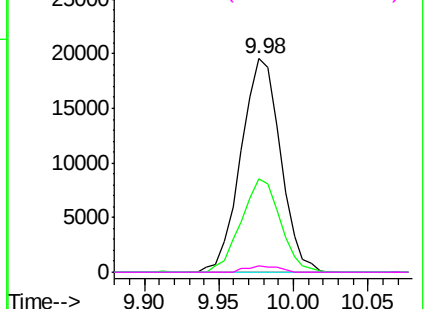


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG031951.D

Acq: 9 Jan 2018 18:19

Tgt Ion: 136 Resp: 263902

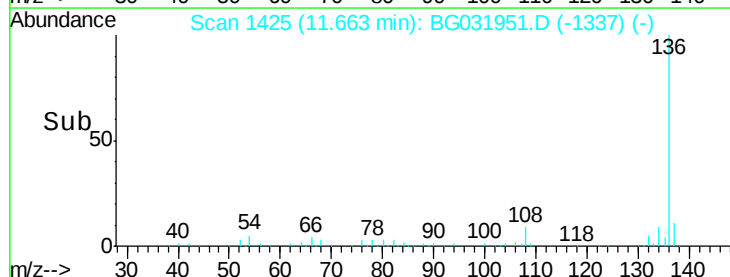
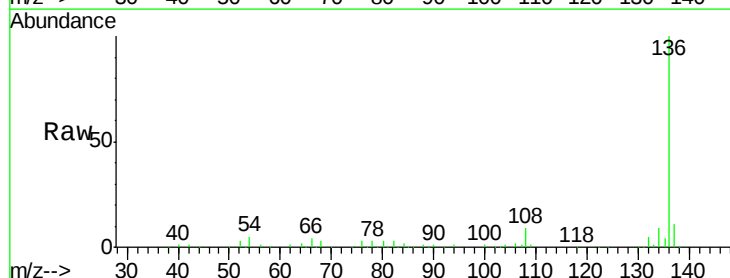
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 5.2 10.3 15.5#

68 3.1 4.5 6.7#

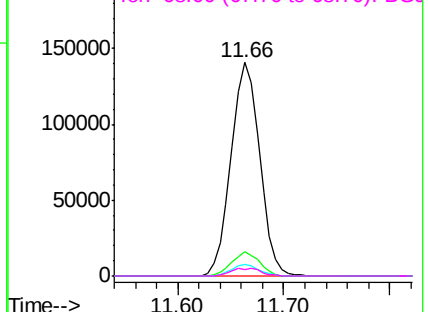


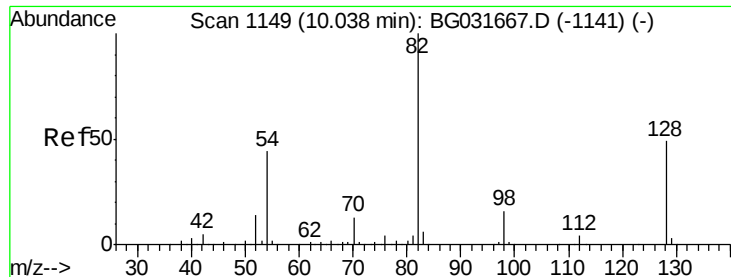
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

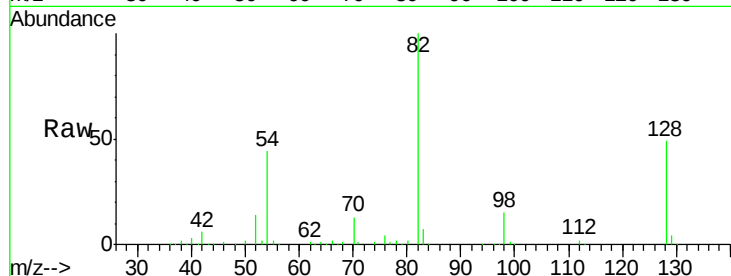




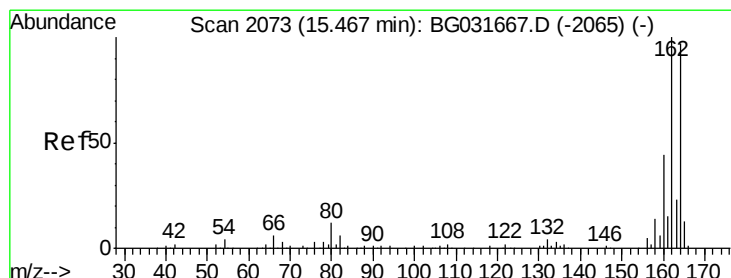
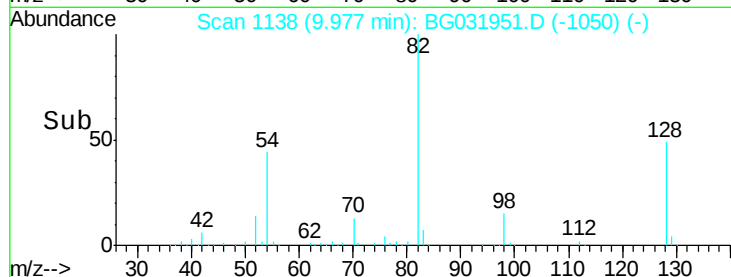
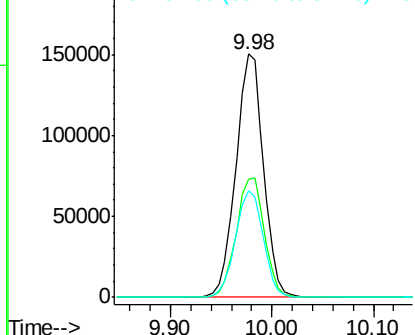
#23
 Nitrobenzene-d5
 Concen: 80.896 ng
 RT: 9.98 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BG031951.D
 Acq: 9 Jan 2018 18:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 282718
 Ion Ratio Lower Upper
 82 100
 128 48.7 29.7 44.5#
 54 43.7 43.1 64.7

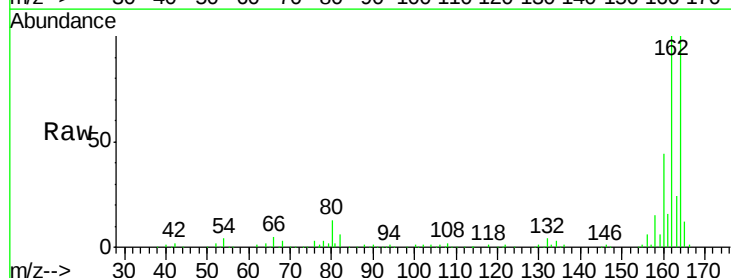


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

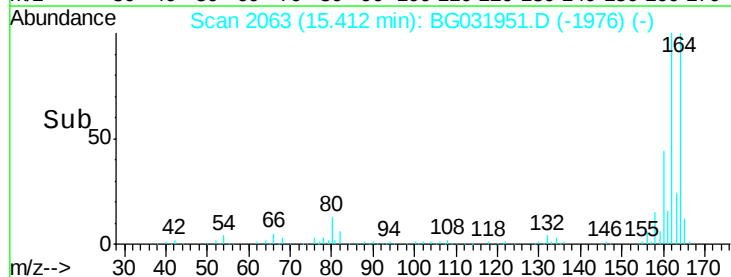
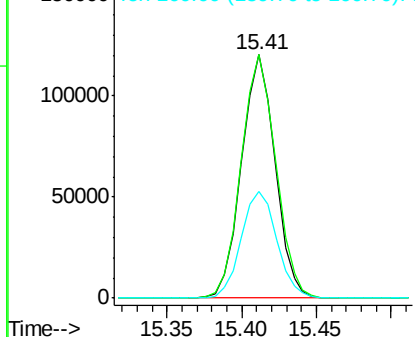


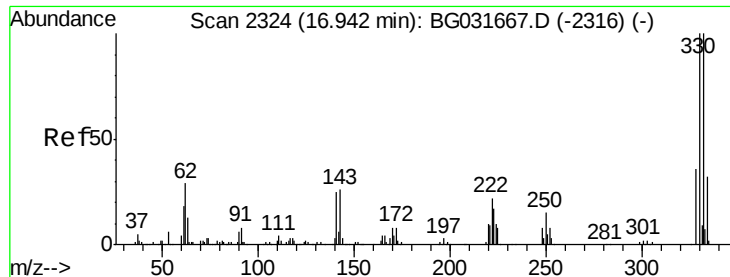
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.02 min
 Lab File: BG031951.D
 Acq: 9 Jan 2018 18:19

Tgt Ion:164 Resp: 187608
 Ion Ratio Lower Upper
 164 100
 162 100.0 78.8 118.2
 160 44.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 117.401 ng

RT: 16.89 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG031951.D

Acq: 9 Jan 2018 18:19

Instrument :

BNA_G

ClientSampled :

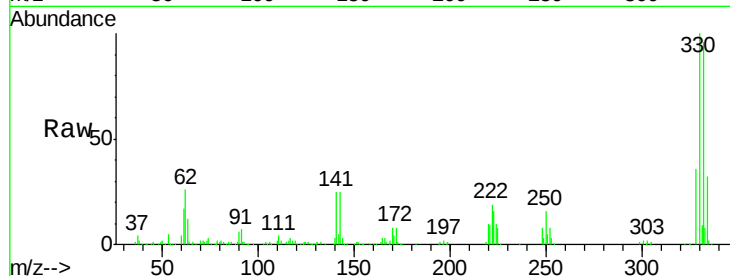
Tot Ion:330 Resp: 336076

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

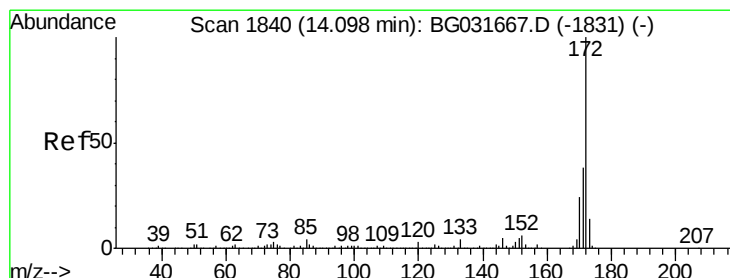
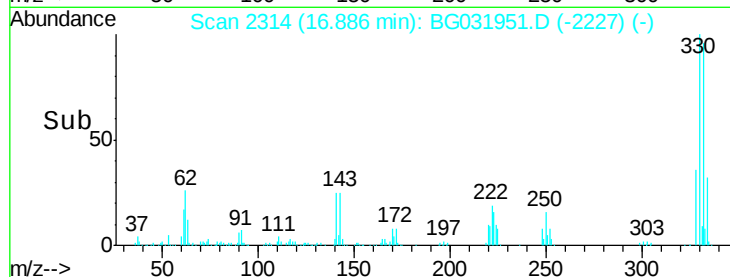
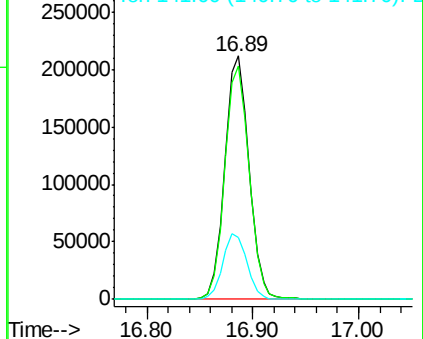
141 27.1 25.2 37.8



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: 65.478 ng

RT: 14.04 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BG031951.D

Acq: 9 Jan 2018 18:19

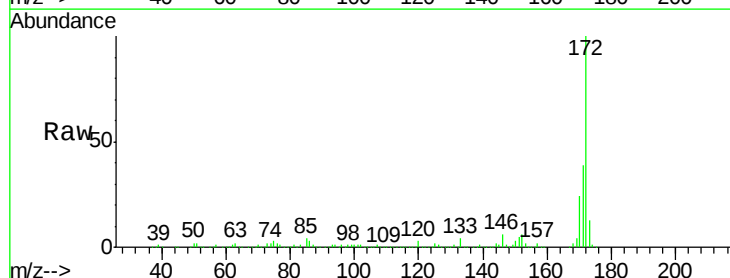
Tgt Ion:172 Resp: 978722

Ion Ratio Lower Upper

172 100

171 38.5 30.0 45.0

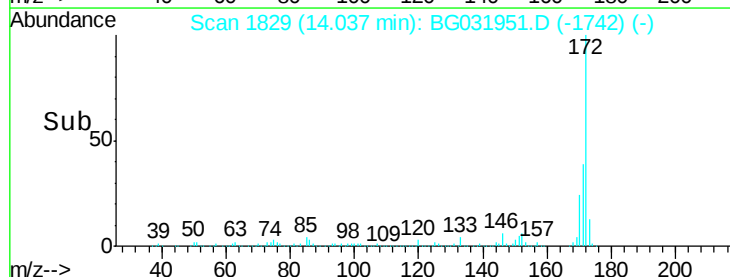
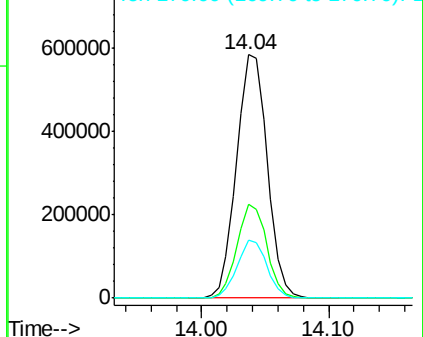
170 23.7 19.5 29.3

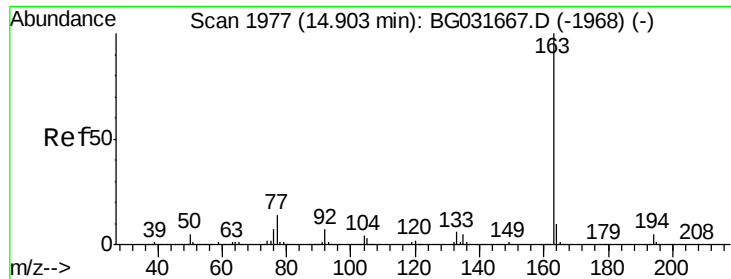


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.824 ng

RT: 14.84 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BG031951.D

Acq: 9 Jan 2018 18:19

Instrument :

BNA_G

ClientSampleId :

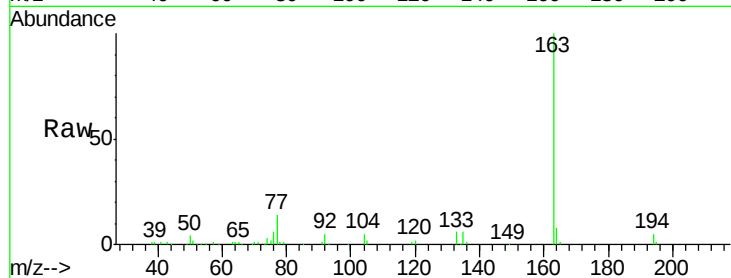
Tot Ion:163 Resp: 79724

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

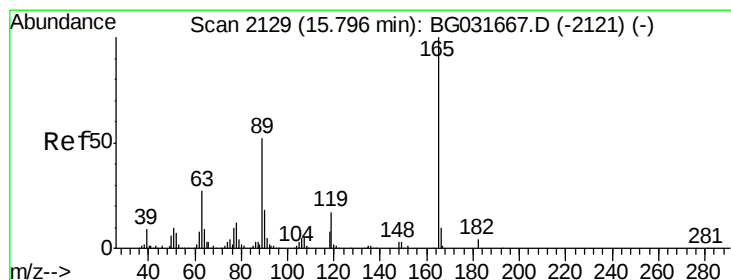
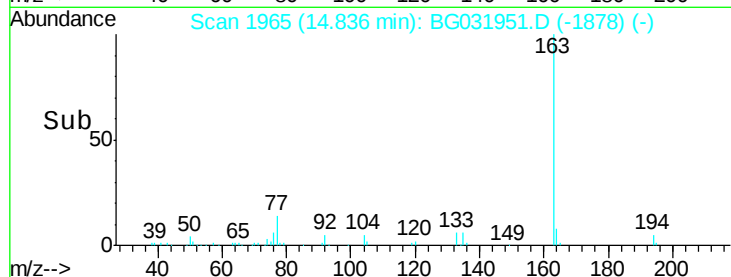
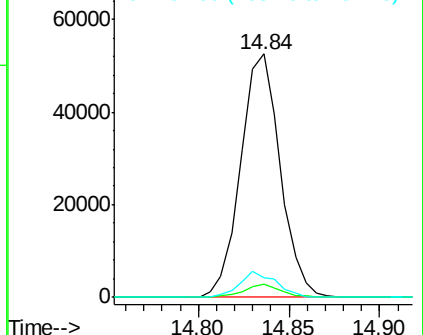
164 8.1 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.216 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.35 min

Lab File: BG031951.D

Acq: 9 Jan 2018 18:19

Tgt Ion:165 Resp: 24302

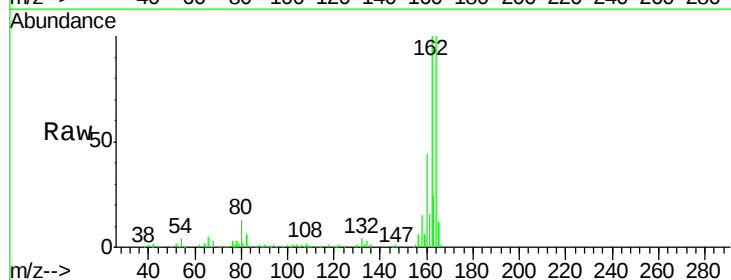
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 1.5 66.9 100.3#

182 0.0 2.6 3.8#

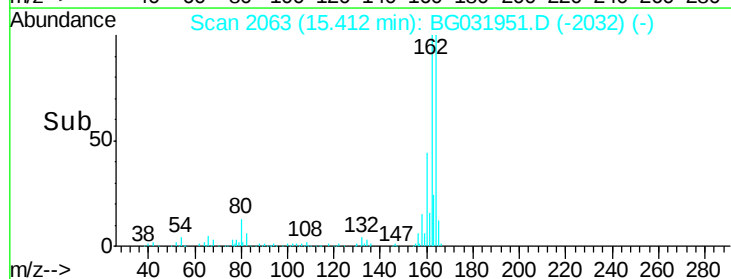
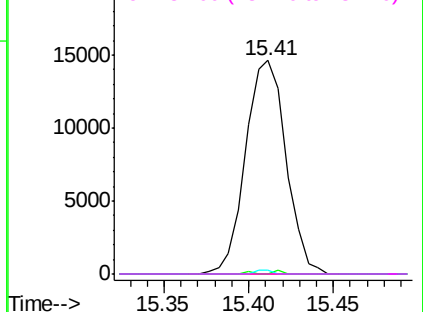


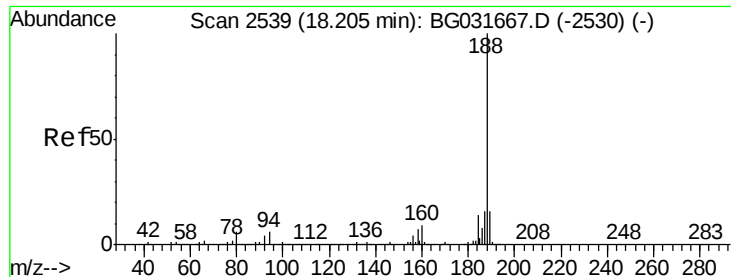
Abundance Ion 165.00 (164.70 to 165.70): E

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

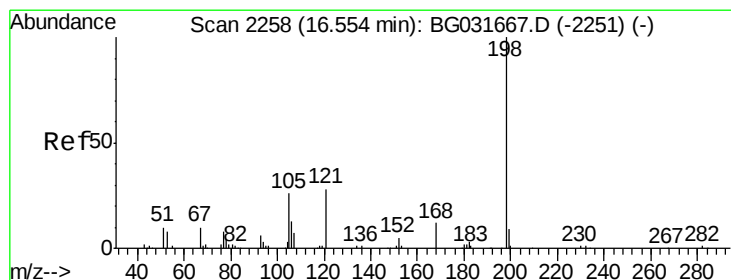
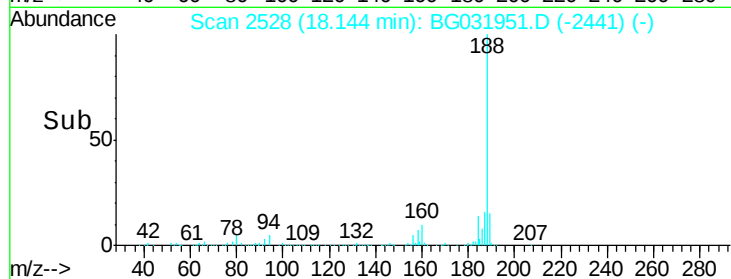
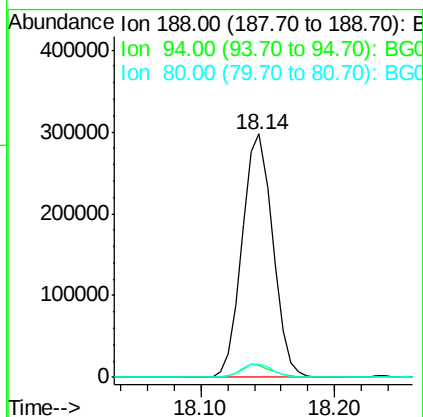
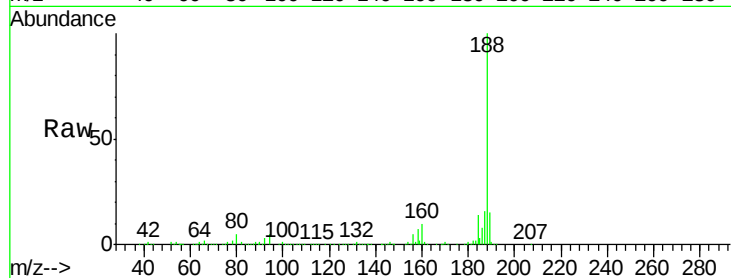




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031951.D
Acq: 9 Jan 2018 18:19

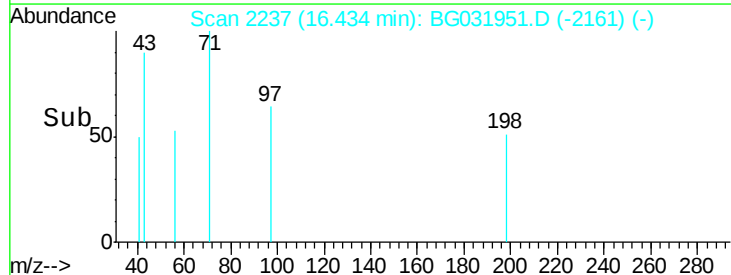
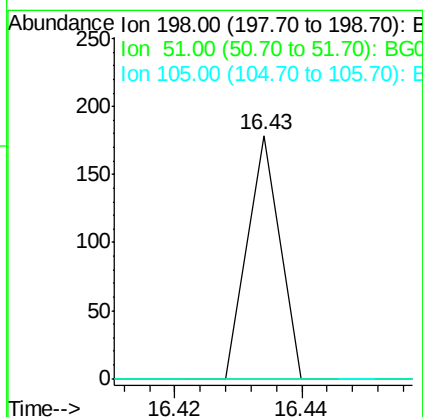
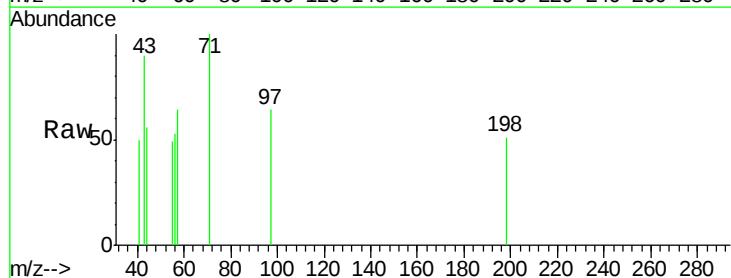
Instrument :
BNA_G
ClientSampleId :

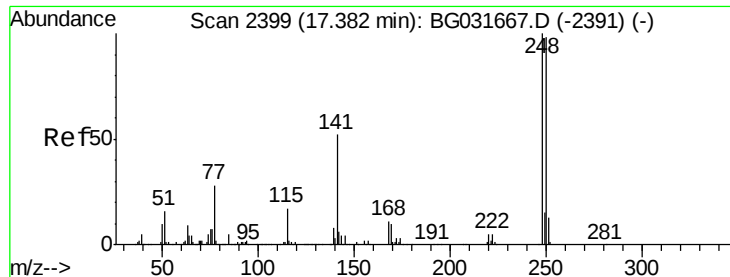
Tot Ion:188 Resp: 471623
Ion Ratio Lower Upper
188 100
94 4.8 6.9 10.3#
80 5.4 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.328 ng
RT: 16.43 min Scan# 2237
Delta R.T. -0.08 min
Lab File: BG031951.D
Acq: 9 Jan 2018 18:19

Tgt Ion:198 Resp: 63
Ion Ratio Lower Upper
198 100
51 0.0 30.6 70.6#
105 0.0 23.8 63.8#

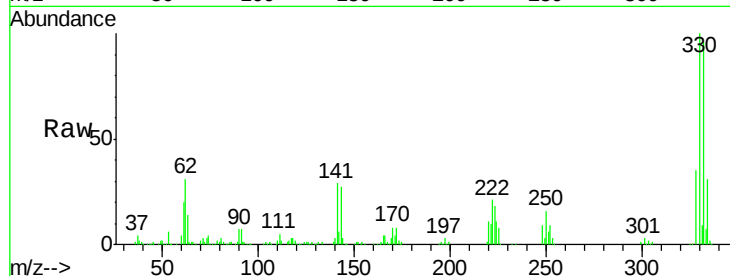




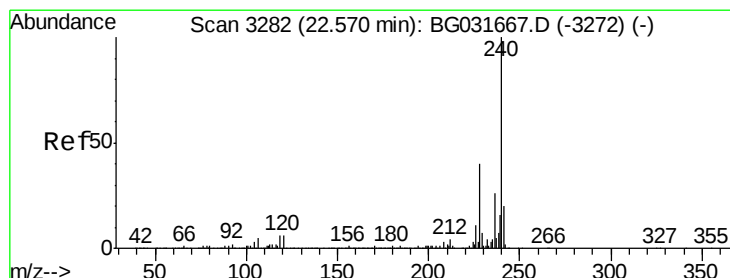
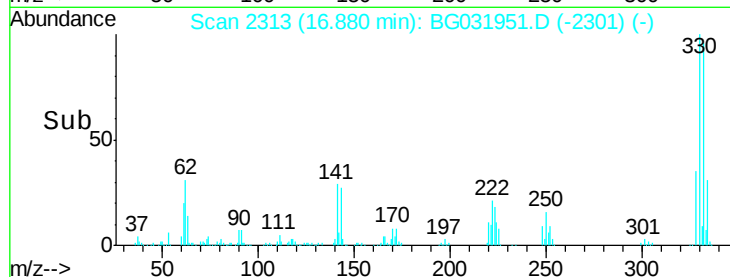
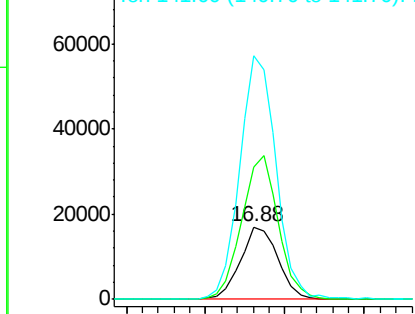
#66
4-Bromophenyl-phenylether
Concen: 4.097 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.46 min
Lab File: BG031951.D
Acq: 9 Jan 2018 18:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 27941
Ion Ratio Lower Upper
248 100
250 183.1 77.1 115.7#
141 335.5 50.8 76.2#

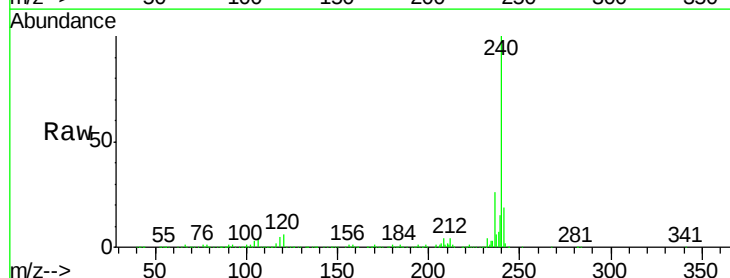


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

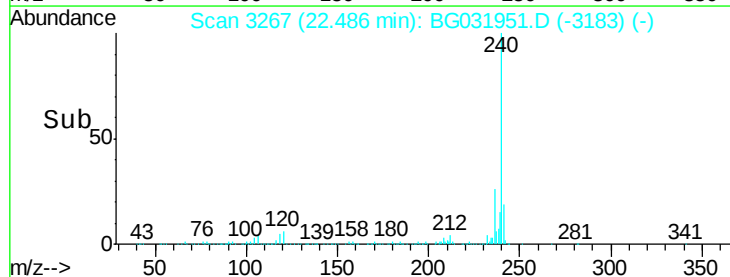
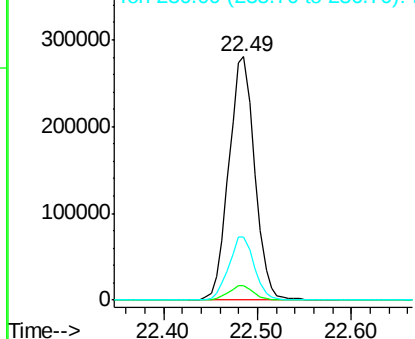


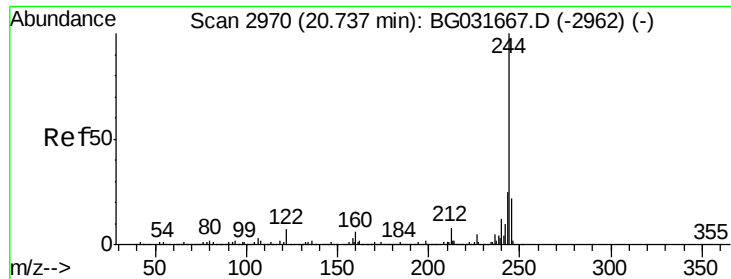
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3267
Delta R.T. -0.03 min
Lab File: BG031951.D
Acq: 9 Jan 2018 18:19

Tgt Ion:240 Resp: 536154
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 25.8 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: 68.554 ng

RT: 20.68 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BG031951.D

Acq: 9 Jan 2018 18:19

Instrument :

BNA_G

ClientSampleId :

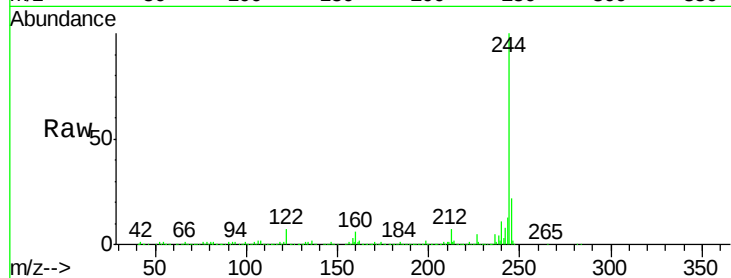
Tot Ion:244 Resp: 1608802

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

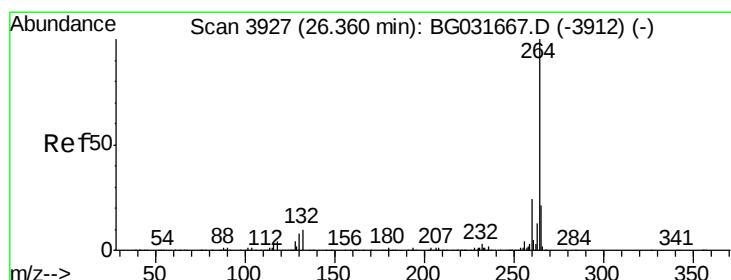
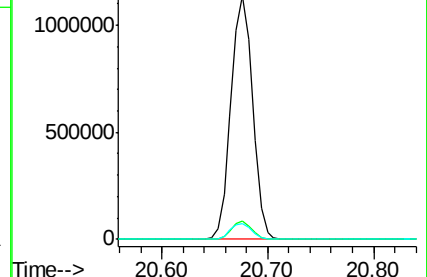
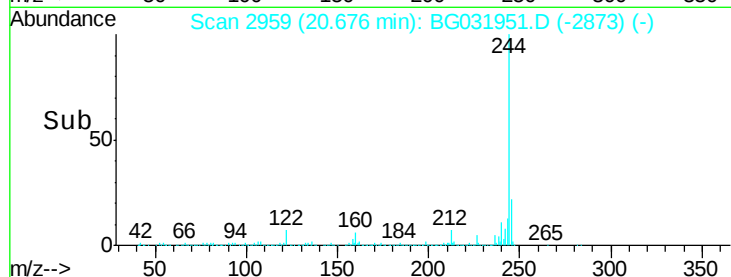
122 6.7 7.0 10.4#



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. -0.09 min

Lab File: BG031951.D

Acq: 9 Jan 2018 18:19

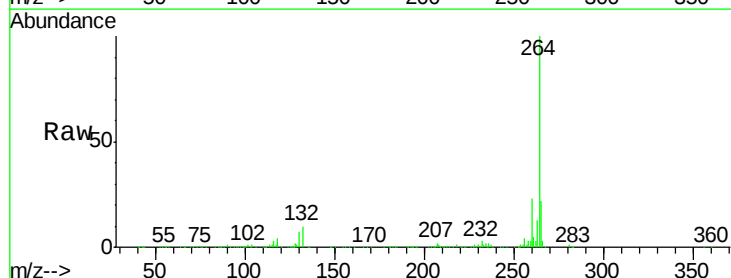
Tgt Ion:264 Resp: 539338

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.0 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

