

Data Path : U:\HPCHEM1\BNA G\DATA\BG011618\
 Data File : BG032071.D
 Acq On : 16 Jan 2018 16:07
 Operator : SJ/JU
 Sample : J1114-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 17 00:50:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

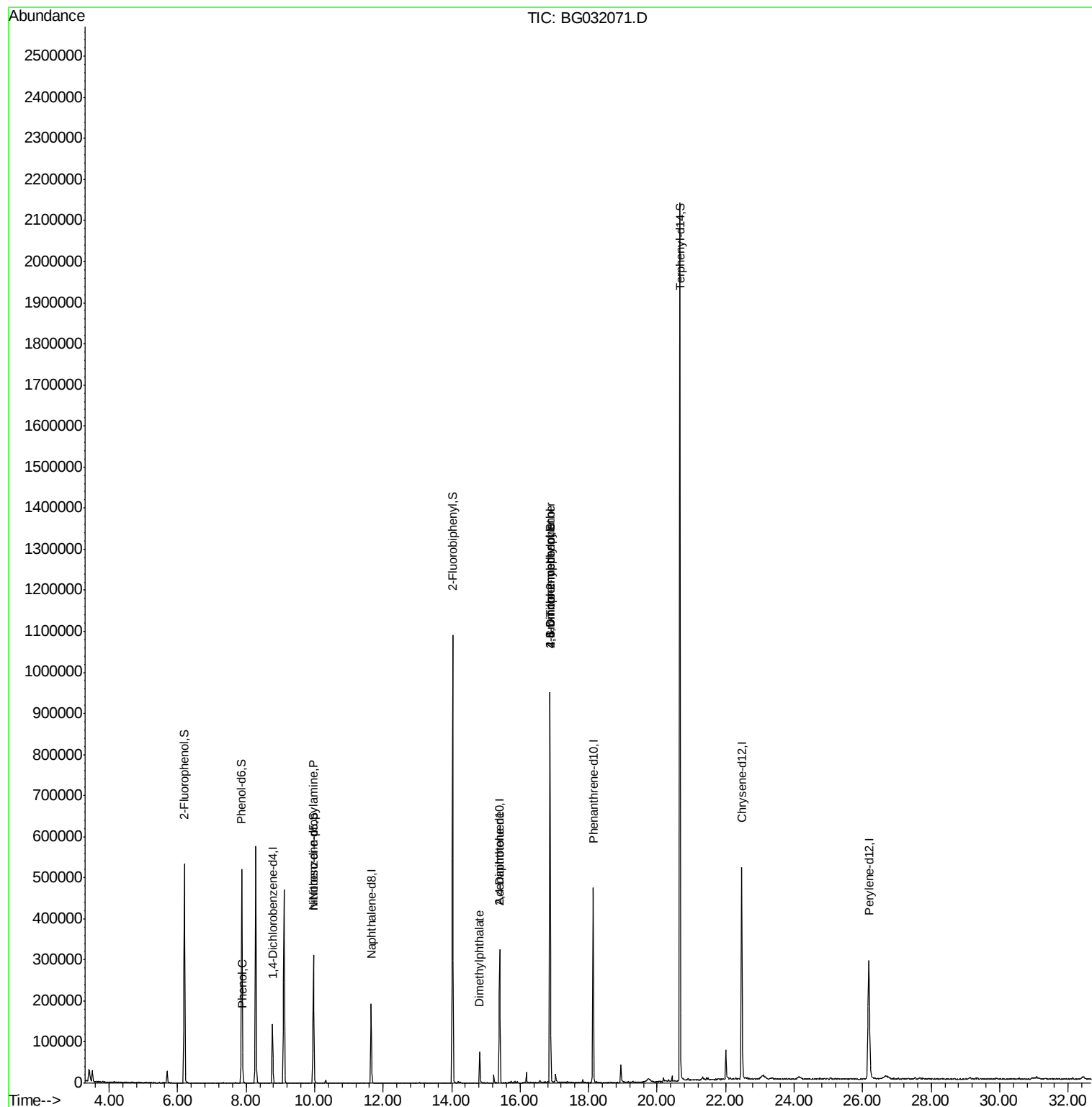
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	50609	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	191544	20.00	ng	0.00
38) Acenaphthene-d10	15.39	164	125885	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	325749	20.00	ng	0.00
75) Chrysene-d12	22.47	240	401738	20.00	ng	-0.01
86) Perylene-d12	26.18	264	419302	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	277707	100.36	ng	0.00
7) Phenol-d6	7.87	99	340021	97.57	ng	0.00
23) Nitrobenzene-d5	9.96	82	202534	71.54	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	221423	106.29	ng	0.00
44) 2-Fluorobiphenyl	14.02	172	646001	63.63	ng	0.00
78) Terphenyl-d14	20.66	244	1206631	66.32	ng	0.00
Target Compounds						
10) Phenol	7.90	94	9336	2.719	ng	97
19) n-Nitroso-di-n-propylamine	9.96	70	28558	13.207	ng	# 74
49) Dimethylphthalate	14.82	163	58047	5.269	ng	99
56) 2,4-Dinitrotoluene	15.40	165	15542	5.049	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.86	198	481	5.092	ng	# 27
66) 4-Bromophenyl-phenylether	16.87	248	18362	3.962	ng	# 1

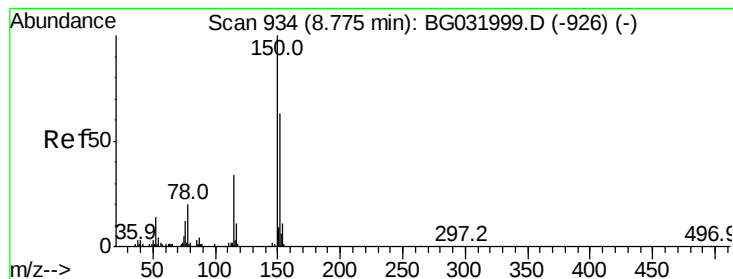
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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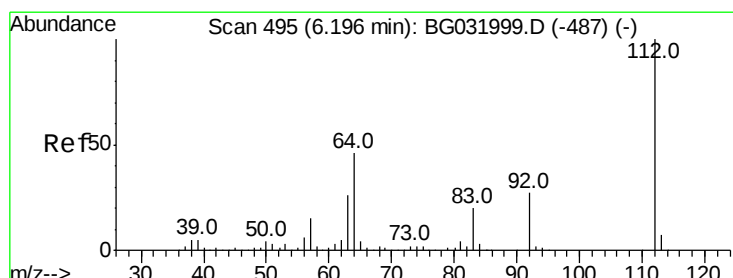
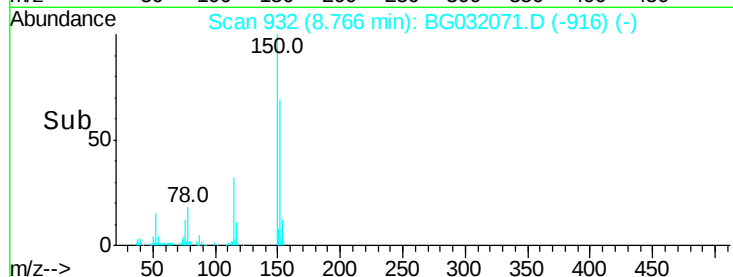
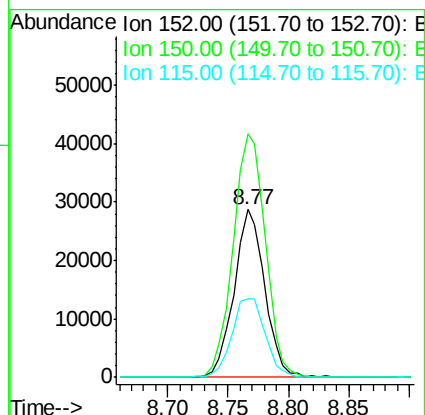
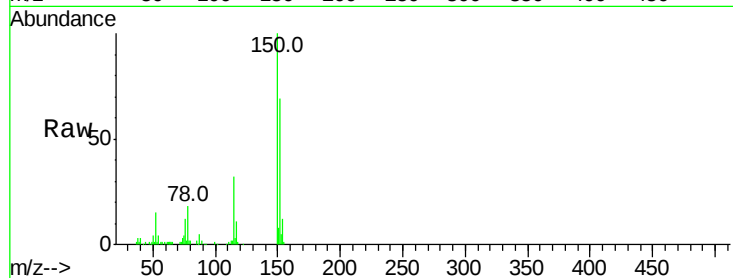


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.77 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BG032071.D
 Acq: 16 Jan 2018 16:07

Instrument :
 BNA_G
 ClientSampled :

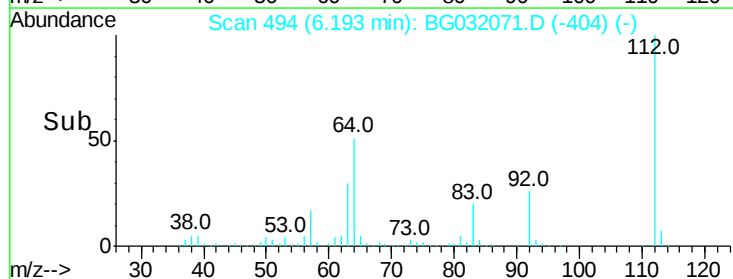
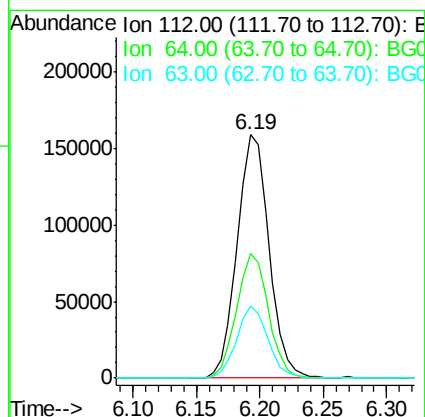
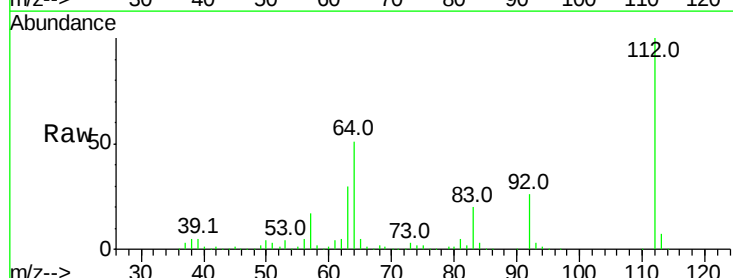
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	126.6	189.8
115	46.8	53.0	79.4

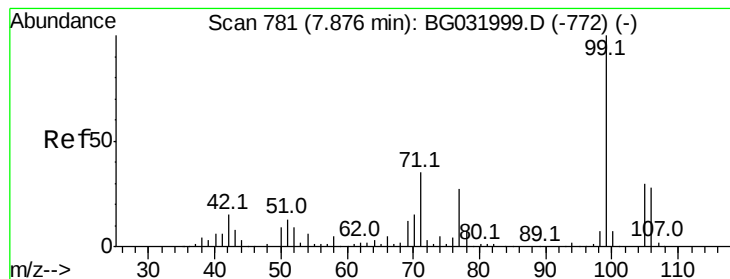


#5

2-Fluorophenol
 Concen: 100.359 ng
 RT: 6.19 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BG032071.D
 Acq: 16 Jan 2018 16:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	56.3	84.5
63	29.7	30.1	45.1





#7

Phenol-d6

Concen: 97.566 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032071.D

Acq: 16 Jan 2018 16:07

Instrument :

BNA_G

ClientSampled :

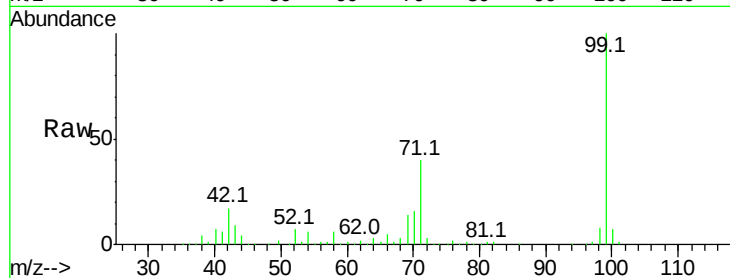
Tot Ion: 99 Resp: 340021

Ion Ratio Lower Upper

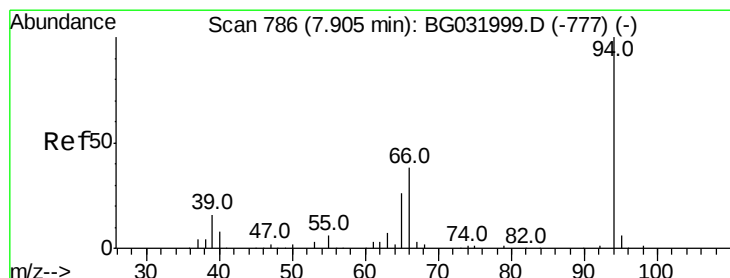
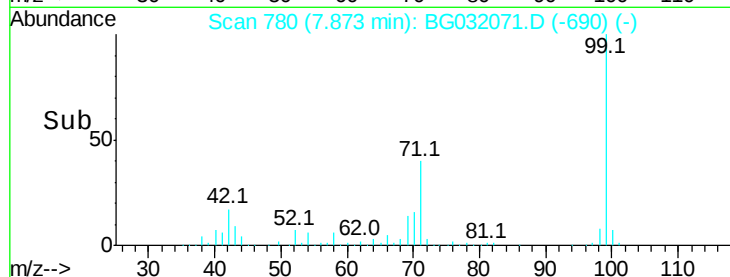
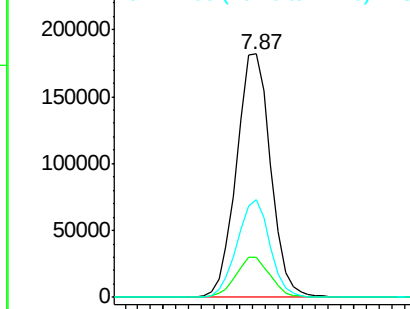
99 100

42 16.5 14.1 21.1

71 40.2 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: 2.719 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG032071.D

Acq: 16 Jan 2018 16:07

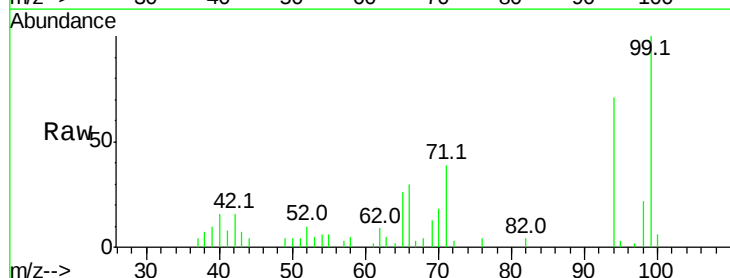
Tgt Ion: 94 Resp: 9336

Ion Ratio Lower Upper

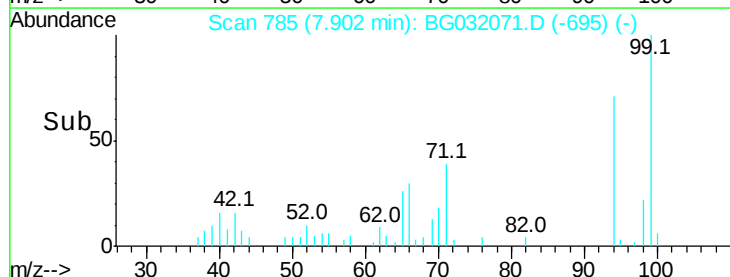
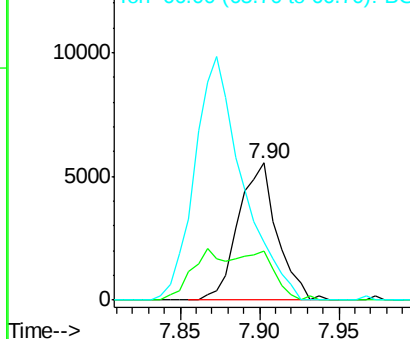
94 100

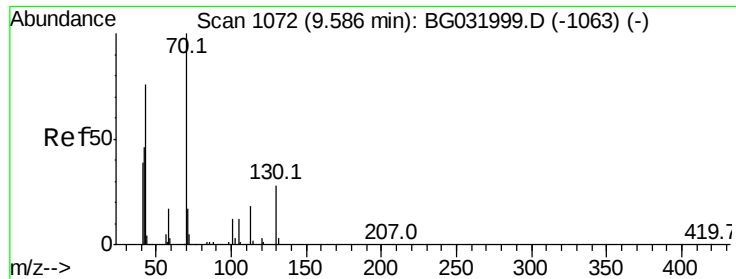
65 36.2 11.9 51.9

66 42.3 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

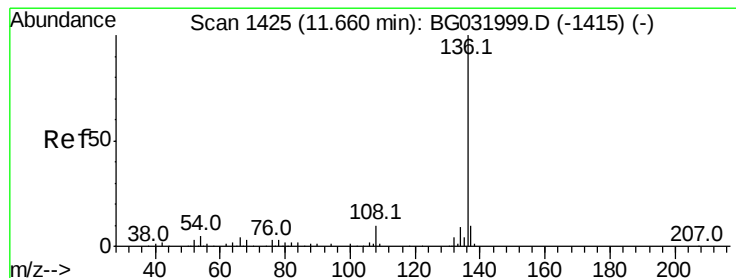
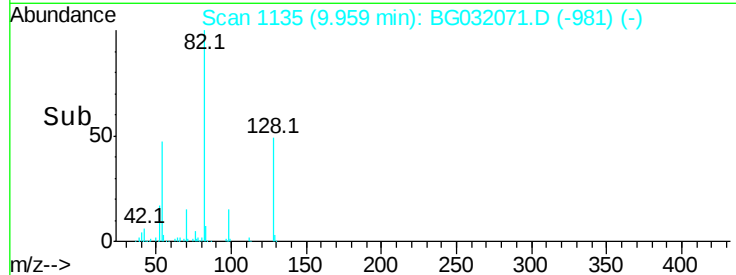
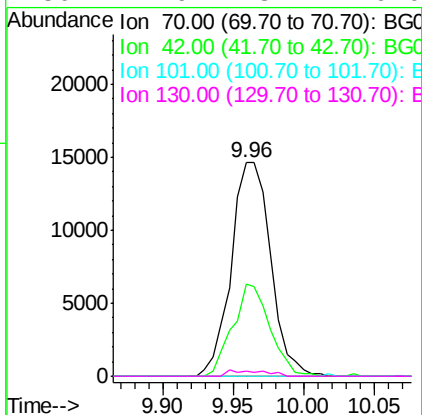
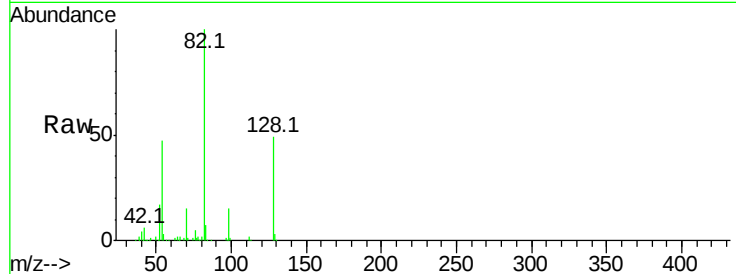




#19
n-Nitroso-di-n-propylamine
Concen: 13.207 ng
RT: 9.96 min Scan# 1135
Delta R.T. 0.37 min
Lab File: BG032071.D
Acq: 16 Jan 2018 16:07

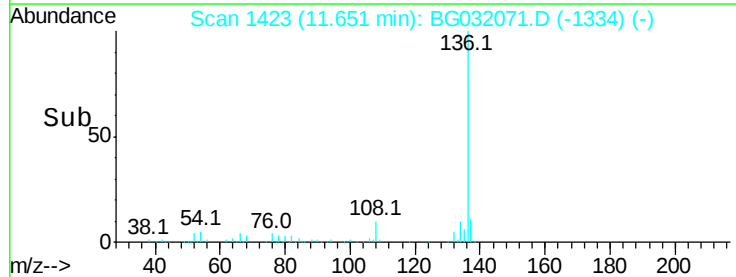
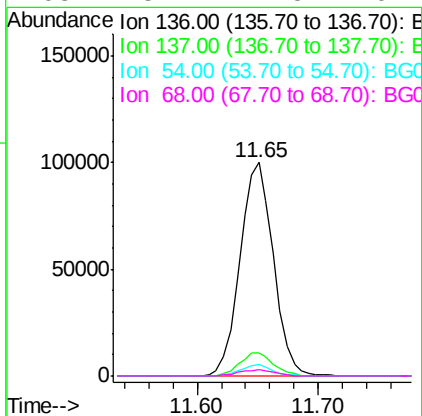
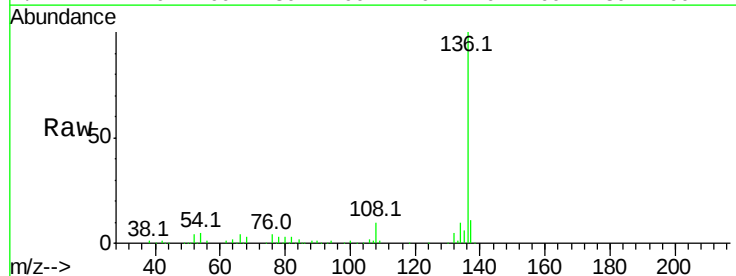
Instrument :
BNA_G
ClientSampleId :

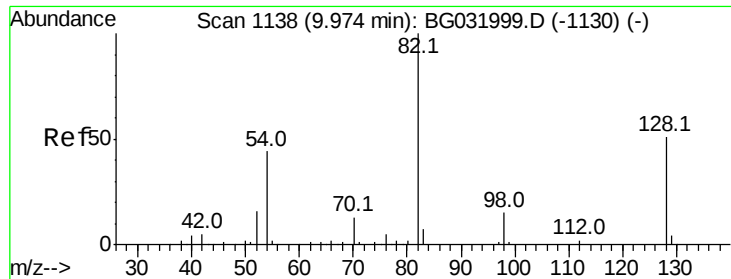
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.2	49.1	73.7#
101	0.0	8.5	12.7#
130	2.6	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032071.D
Acq: 16 Jan 2018 16:07

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.4	10.3	15.5#
68	3.1	4.5	6.7#

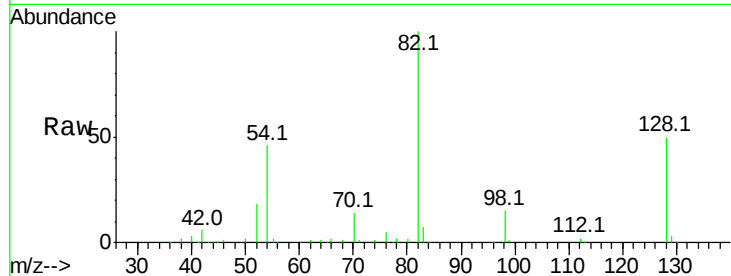




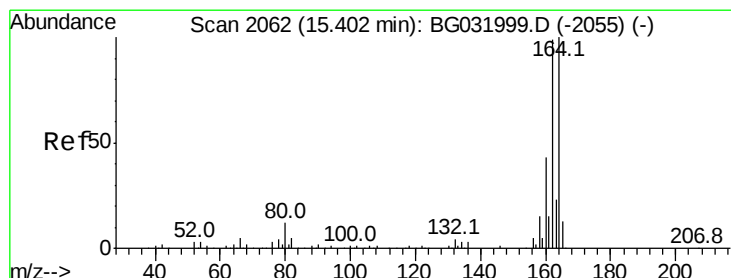
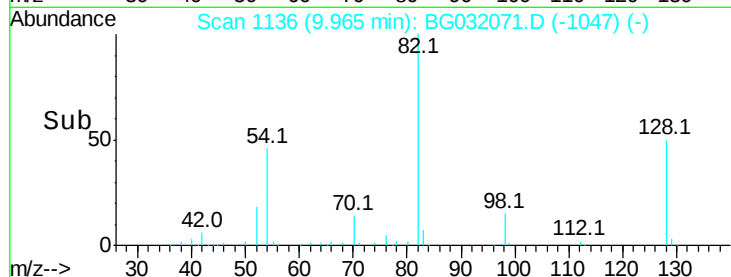
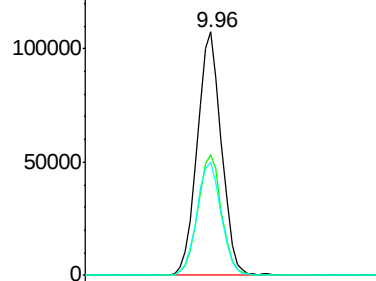
#23
Nitrobenzene-d5
Concen: 71.536 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032071.D
Acq: 16 Jan 2018 16:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 202534
Ion Ratio Lower Upper
82 100
128 49.6 29.7 44.5#
54 46.2 43.1 64.7

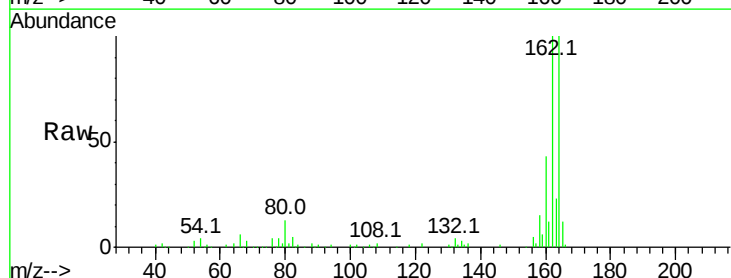


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

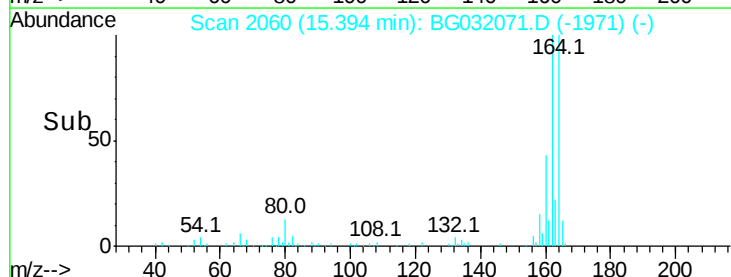
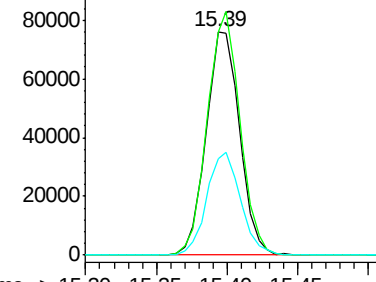


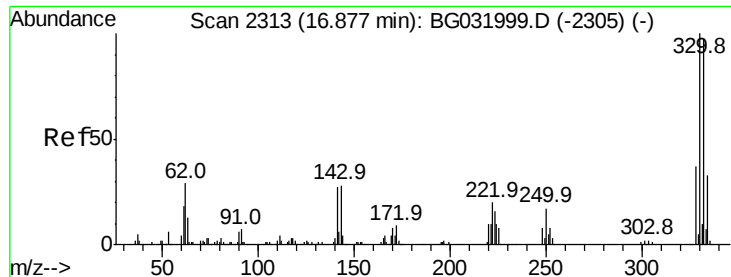
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.39 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG032071.D
Acq: 16 Jan 2018 16:07

Tgt Ion:164 Resp: 125885
Ion Ratio Lower Upper
164 100
162 99.9 78.8 118.2
160 43.0 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

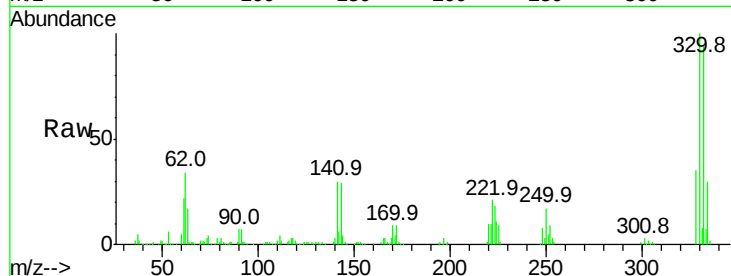




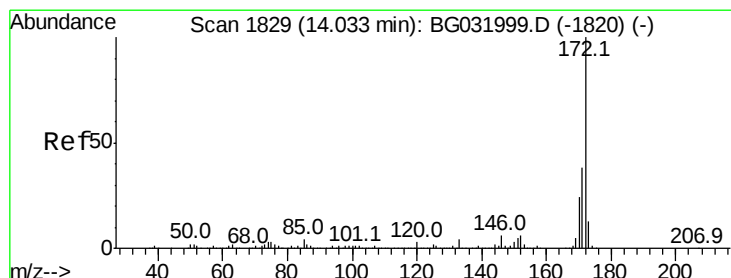
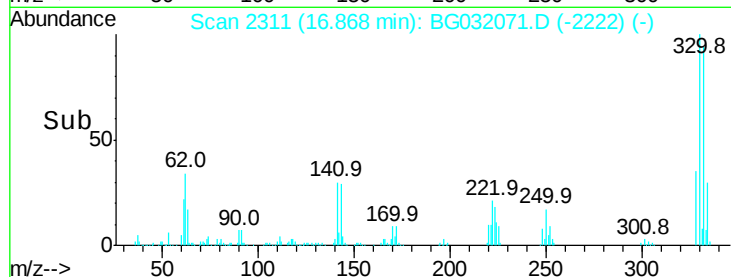
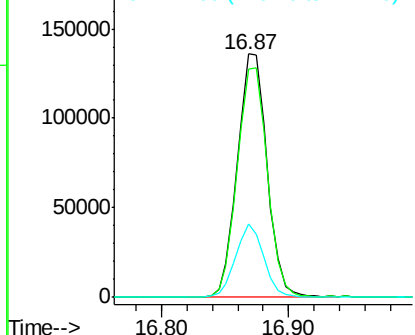
#41
 2,4,6-Tribromophenol
 Concen: 106.295 ng
 RT: 16.87 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BG032071.D
 Acq: 16 Jan 2018 16:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	28.4	25.2	37.8

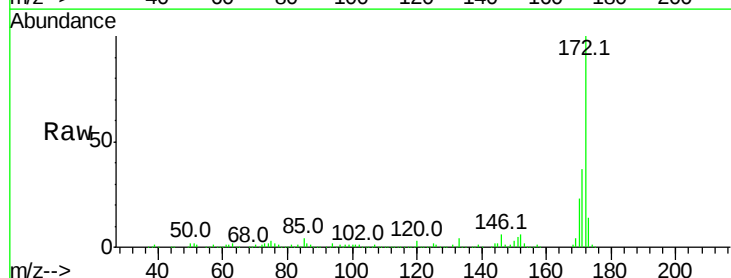


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

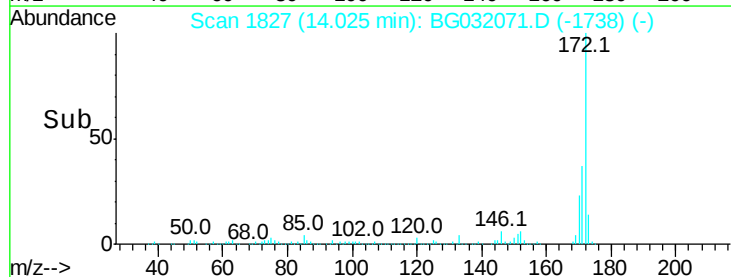
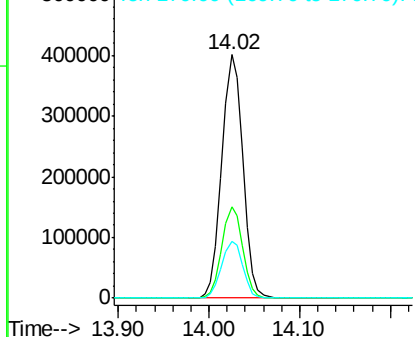


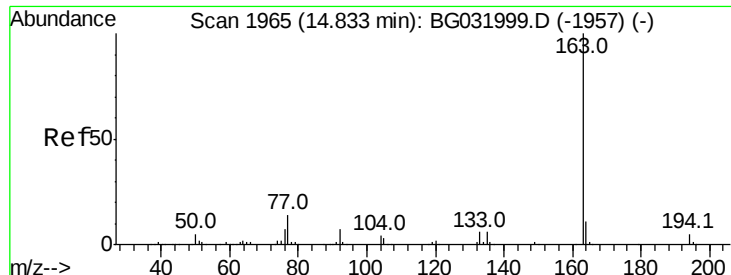
#44
 2-Fluorobiphenyl
 Concen: 63.630 ng
 RT: 14.02 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BG032071.D
 Acq: 16 Jan 2018 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.3	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: 5.269 ng

RT: 14.82 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG032071.D

Acq: 16 Jan 2018 16:07

Instrument :

BNA_G

ClientSampleId :

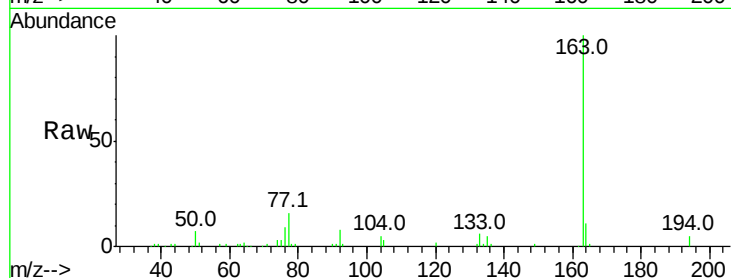
Tot Ion:163 Resp: 58047

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

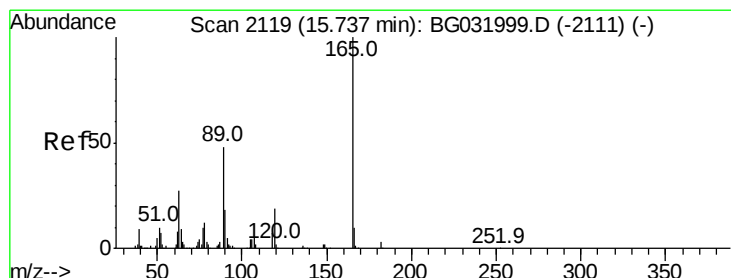
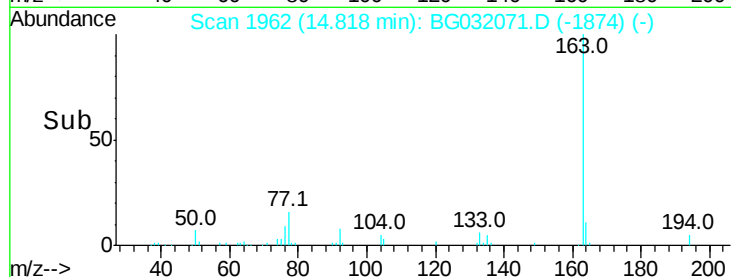
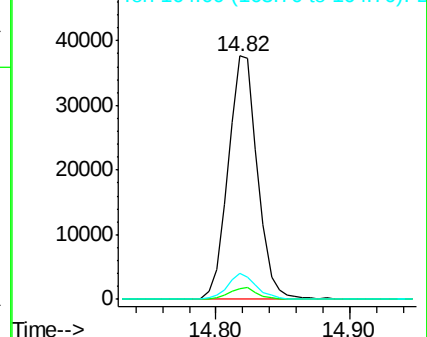
164 10.6 8.2 12.4



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: 5.049 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.34 min

Lab File: BG032071.D

Acq: 16 Jan 2018 16:07

Tgt Ion:165 Resp: 15542

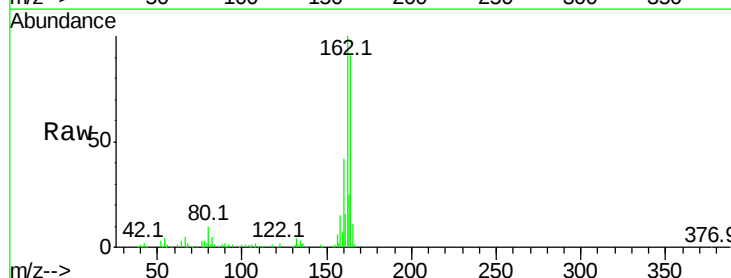
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

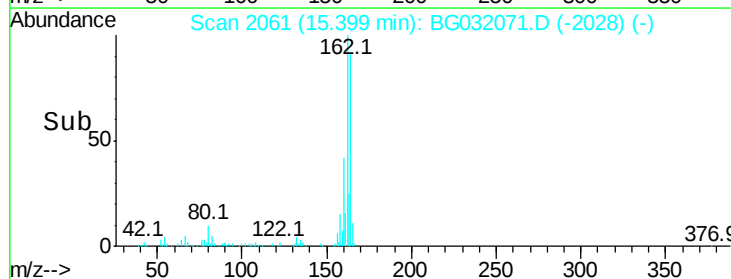
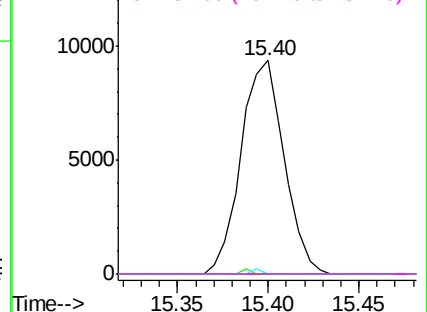


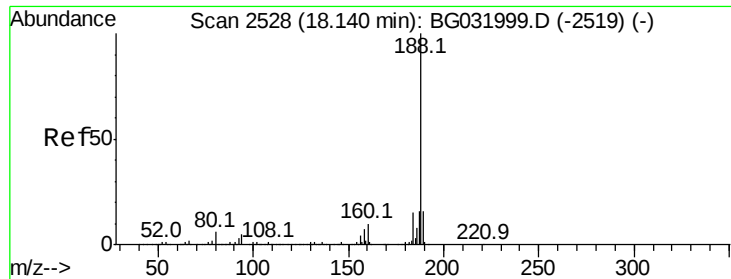
Abundance Ion 165.00 (164.70 to 165.70): E

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

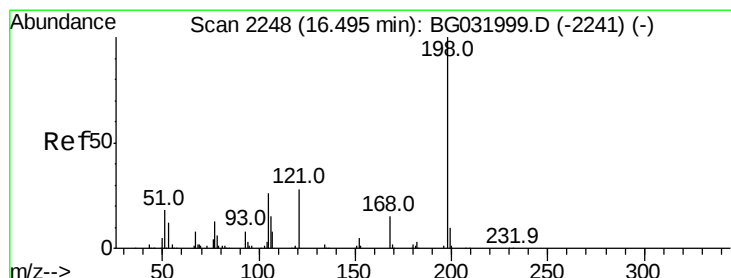
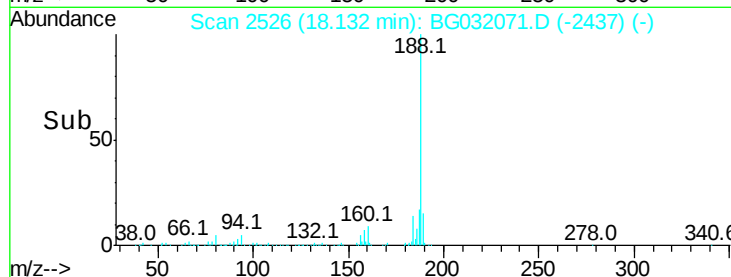
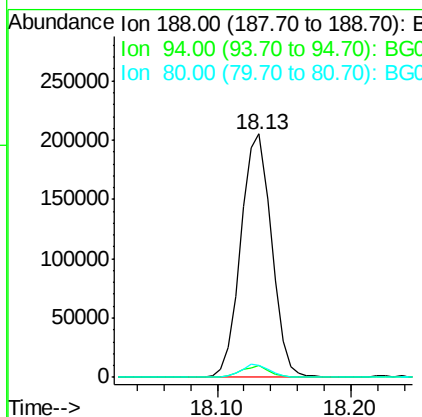
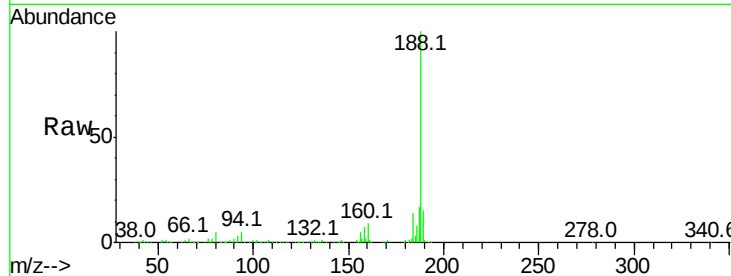




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032071.D
Acq: 16 Jan 2018 16:07

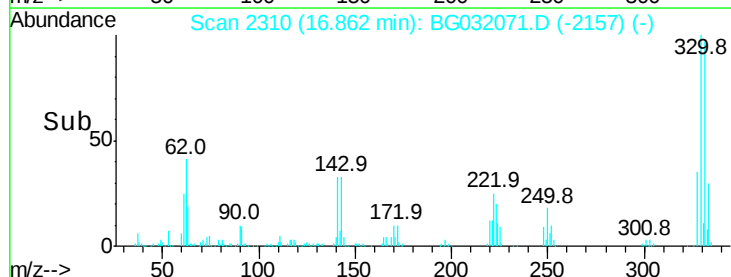
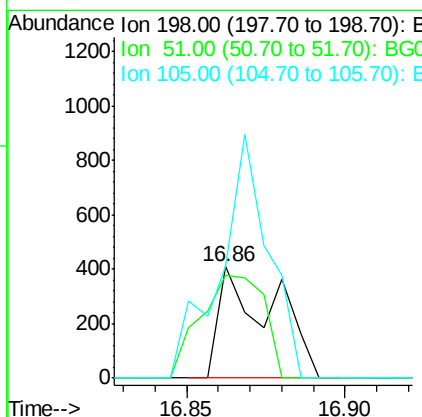
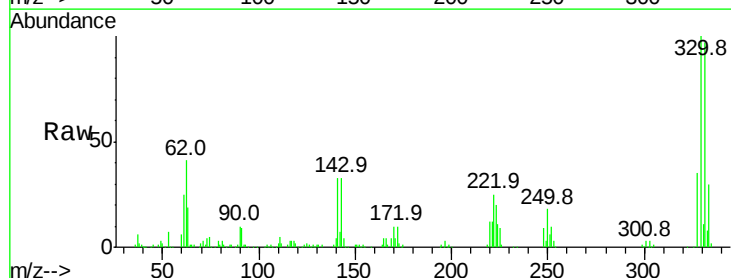
Instrument :
BNA_G
ClientSampleId :

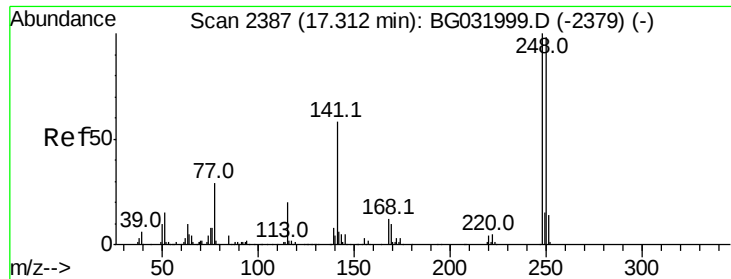
Tot Ion:188 Resp: 325749
Ion Ratio Lower Upper
188 100
94 4.8 6.9 10.3#
80 5.1 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.092 ng
RT: 16.86 min Scan# 2310
Delta R.T. 0.37 min
Lab File: BG032071.D
Acq: 16 Jan 2018 16:07

Tgt Ion:198 Resp: 481
Ion Ratio Lower Upper
198 100
51 91.9 30.6 70.6#
105 101.0 23.8 63.8#

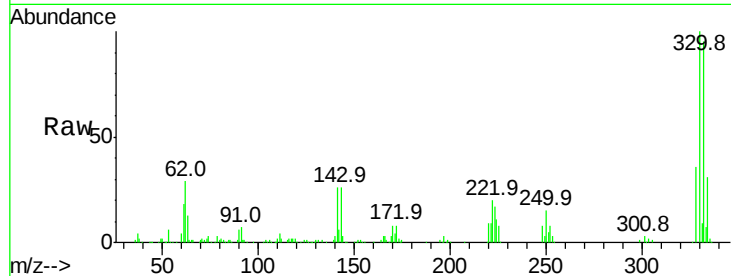




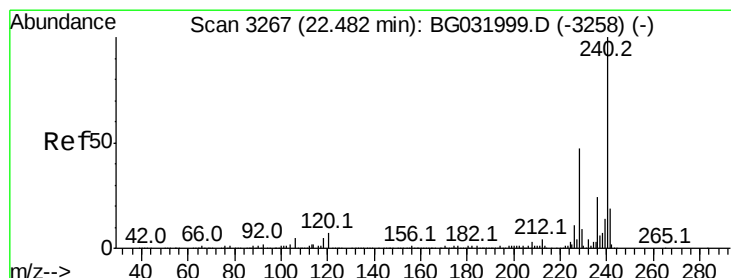
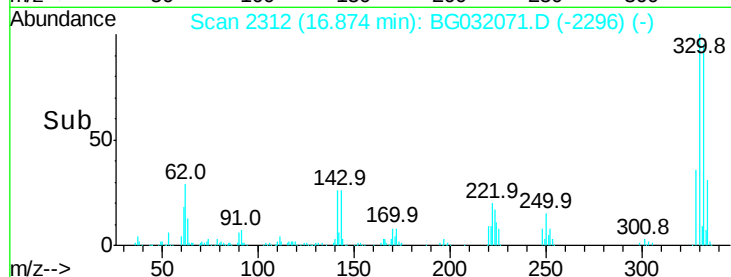
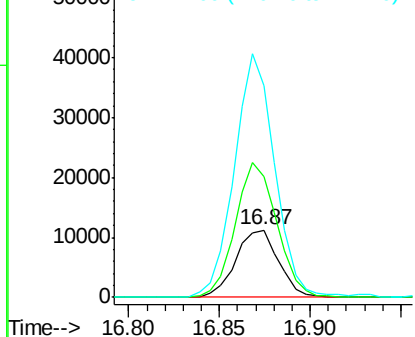
#66
4-Bromophenyl-phenylether
Concen: 3.962 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.44 min
Lab File: BG032071.D
Acq: 16 Jan 2018 16:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18362
Ion Ratio Lower Upper
248 100
250 179.7 77.1 115.7#
141 315.3 50.8 76.2#

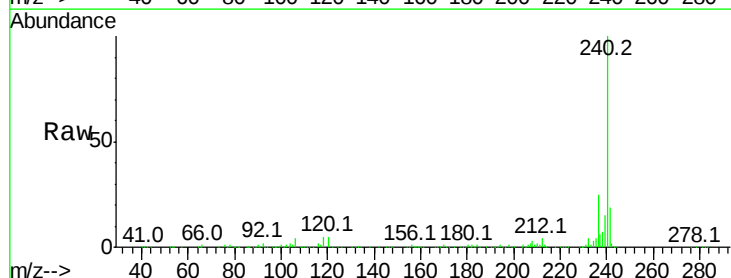


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

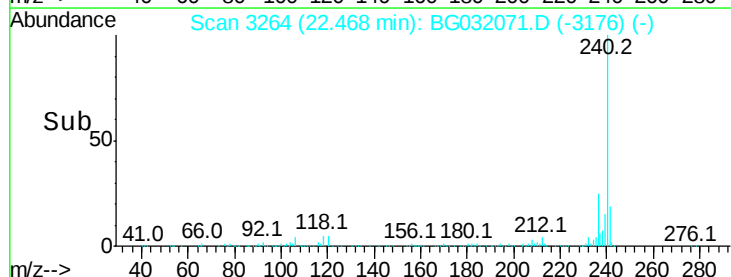
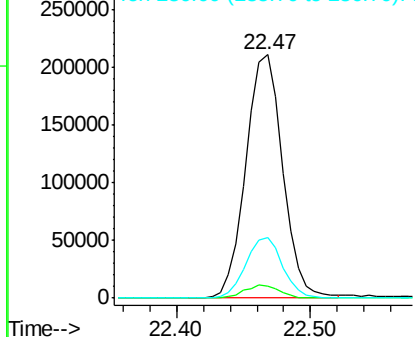


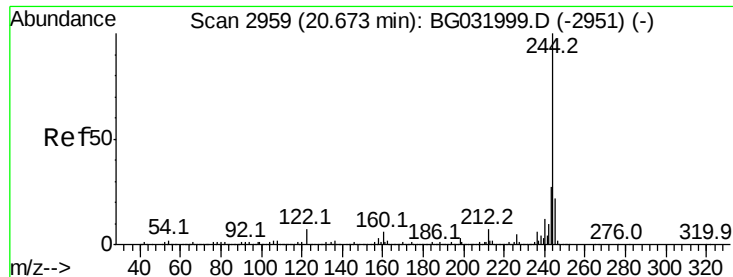
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.01 min
Lab File: BG032071.D
Acq: 16 Jan 2018 16:07

Tgt Ion:240 Resp: 401738
Ion Ratio Lower Upper
240 100
120 4.8 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: 66.319 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032071.D

Acq: 16 Jan 2018 16:07

Instrument :

BNA_G

ClientSampleId :

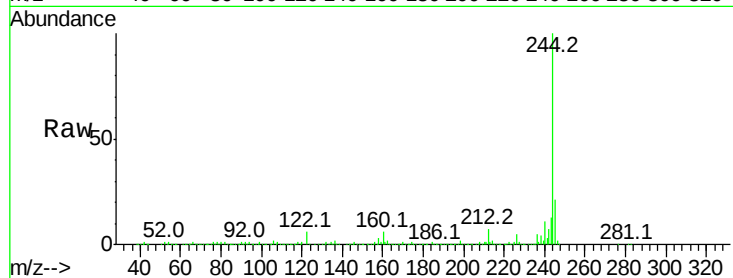
Tot Ion:244 Resp: 1206631

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

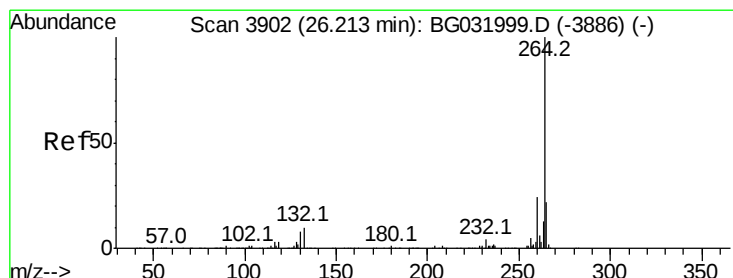
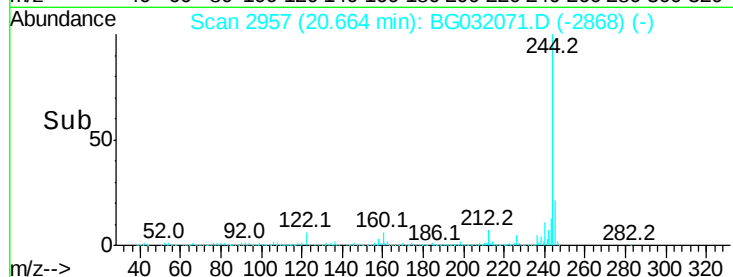
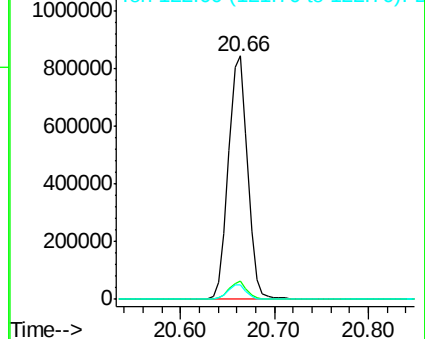
122 5.7 7.0 10.4#



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: 26.18 min Scan# 3896

Delta R.T. -0.03 min

Lab File: BG032071.D

Acq: 16 Jan 2018 16:07

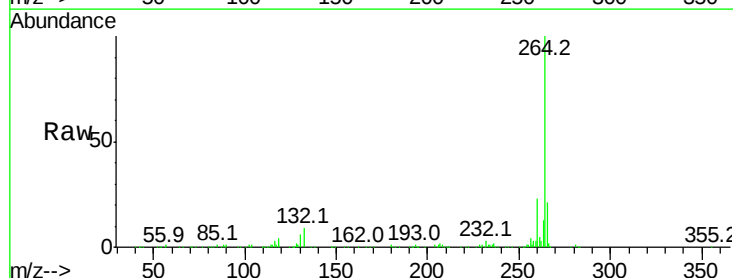
Tgt Ion:264 Resp: 419302

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 21.3 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

