

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032356.D
 Acq On : 27 Jan 2018 14:53
 Operator : SJ/JU
 Sample : J1328-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 27 23:19:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

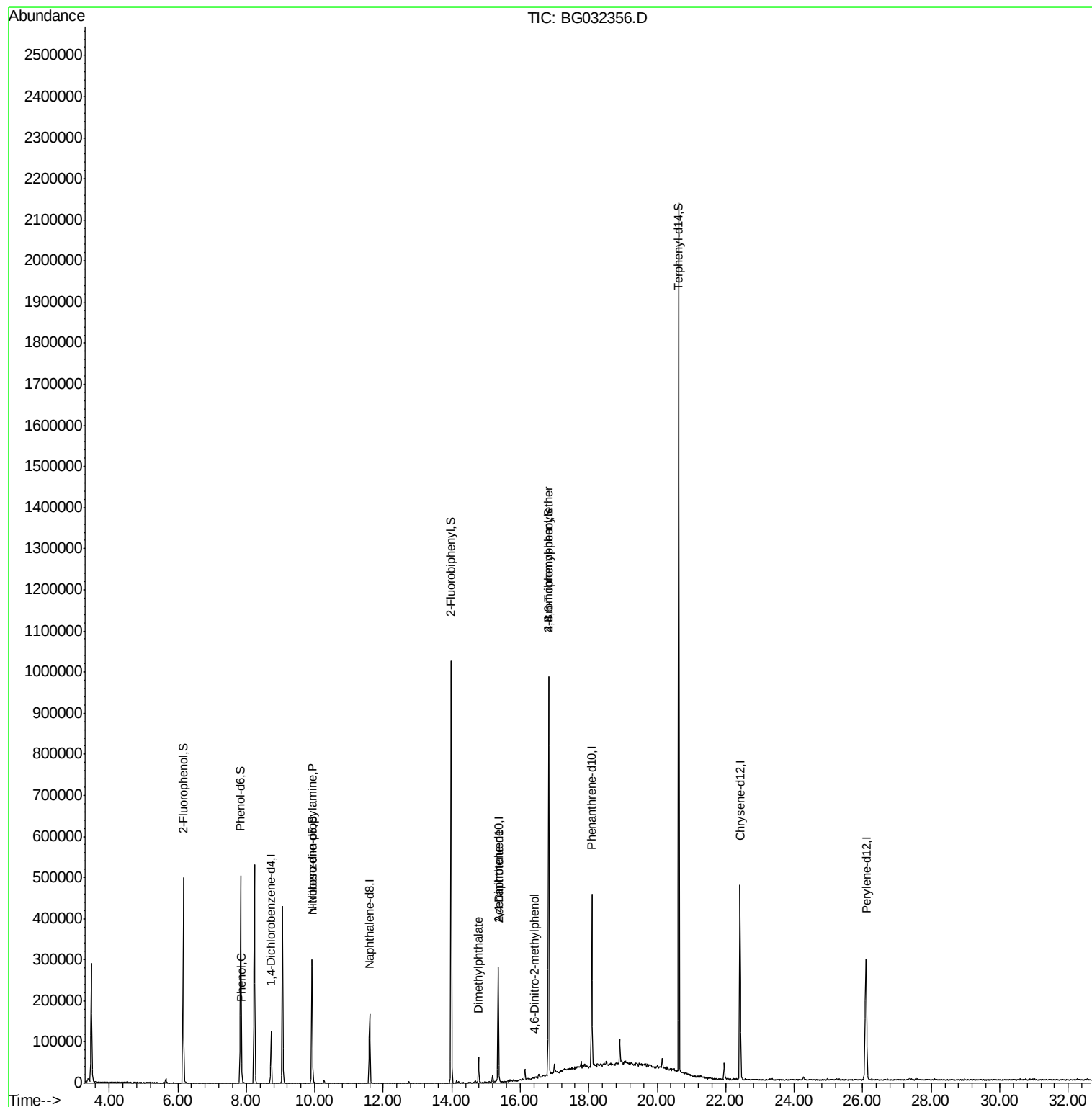
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	42609	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	161210	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	113124	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	279626	20.00	ng	0.00
75) Chrysene-d12	22.41	240	371954	20.00	ng	-0.01
86) Perylene-d12	26.10	264	407329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	243814	104.65	ng	0.00
7) Phenol-d6	7.84	99	296102	100.92	ng	0.00
23) Nitrobenzene-d5	9.92	82	186404	78.23	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	220603	117.85	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	603596	66.16	ng	0.00
78) Terphenyl-d14	20.63	244	1115990	66.25	ng	0.00
Target Compounds						
10) Phenol	7.86	94	11247	3.891	ng	89
19) n-Nitroso-di-n-propylamine	9.92	70	27526	15.120	ng	# 74
49) Dimethylphthalate	14.78	163	41689	4.211	ng	# 96
56) 2,4-Dinitrotoluene	15.35	165	14698	5.313	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.40	198	59	4.914	ng	# 29
66) 4-Bromophenyl-phenylether	16.83	248	18756	4.714	ng	# 1

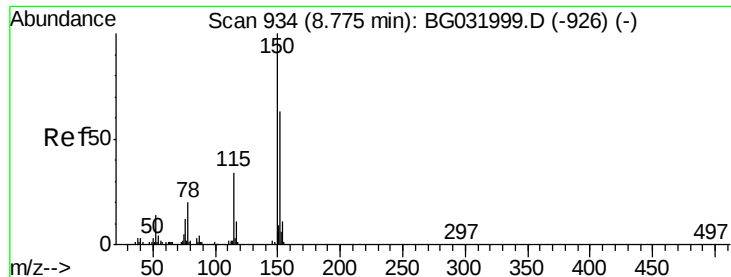
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. 0.01 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

Instrument :

BNA_G

ClientSampleId :

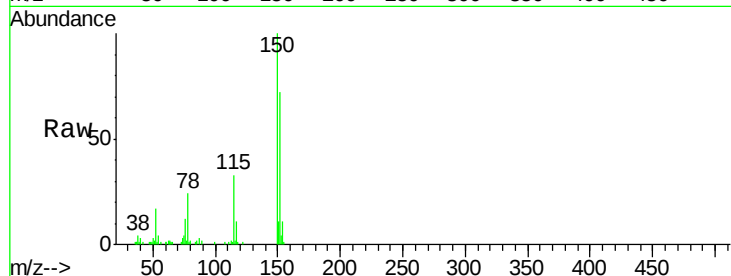
Tot Ion:152 Resp: 42609

Ion Ratio Lower Upper

152 100

150 139.0 126.6 189.8

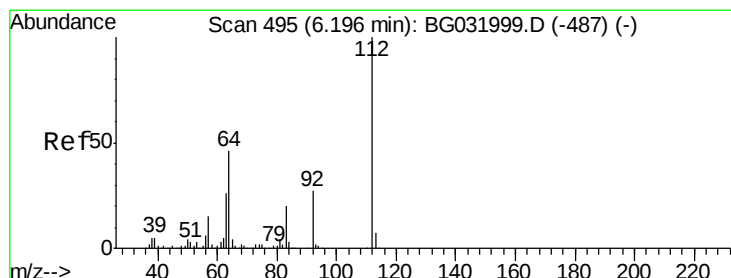
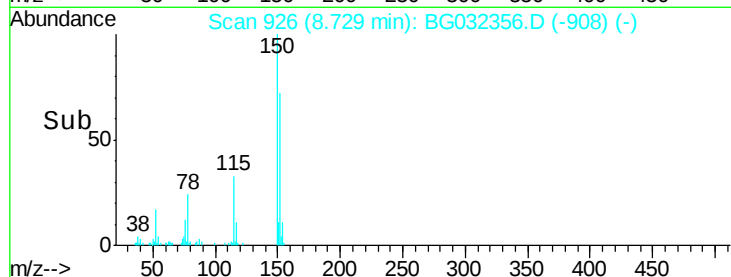
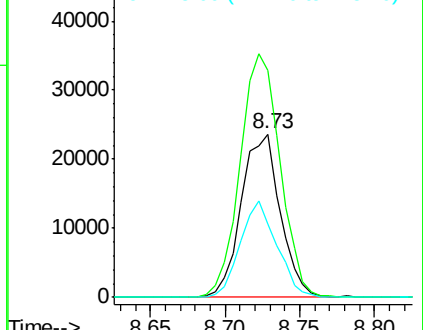
115 45.4 53.0 79.4#



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: 104.654 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

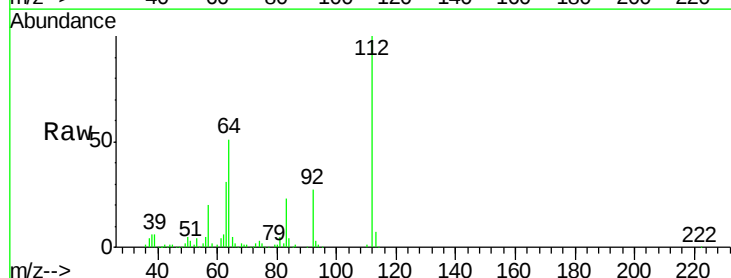
Tgt Ion:112 Resp: 243814

Ion Ratio Lower Upper

112 100

64 51.0 56.3 84.5#

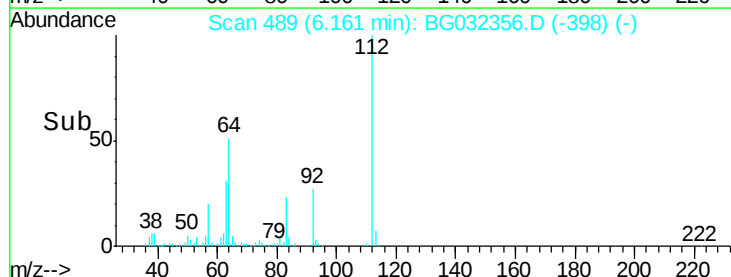
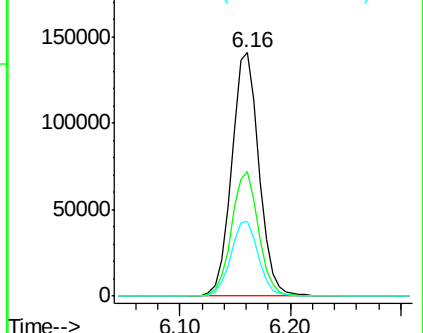
63 30.8 30.1 45.1

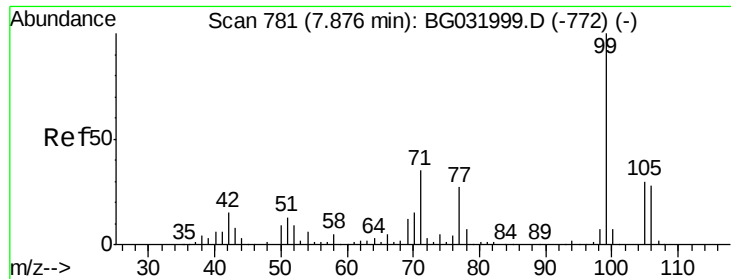


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.916 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

Instrument :

BNA_G

ClientSampleId :

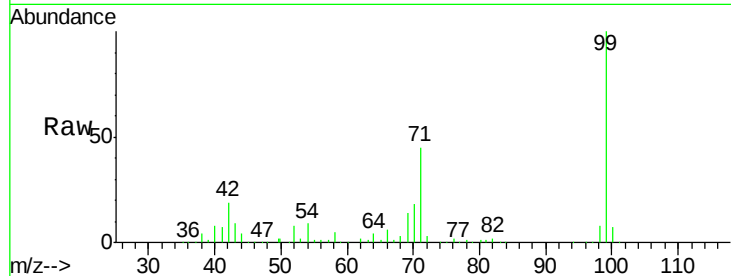
Tot Ion: 99 Resp: 296102

Ion Ratio Lower Upper

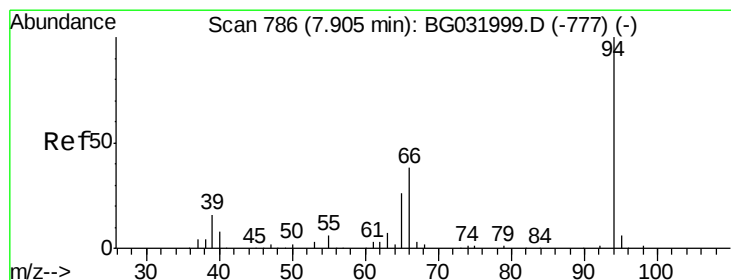
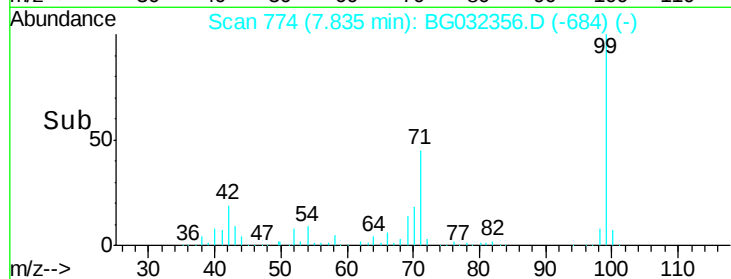
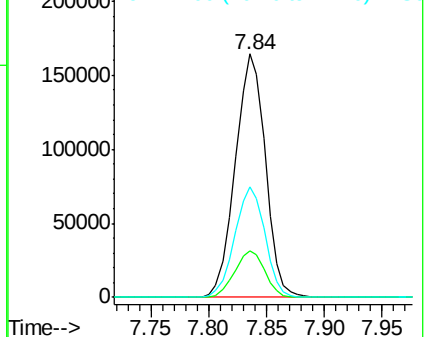
99 100

42 19.3 14.1 21.1

71 45.2 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: 3.891 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

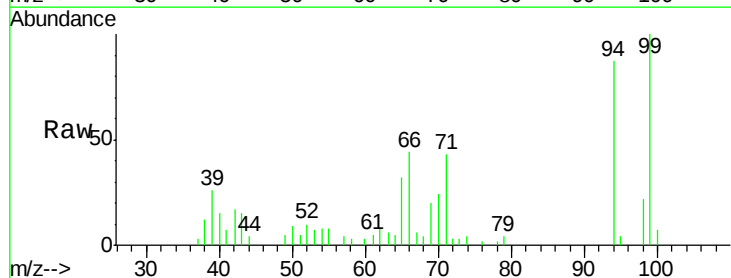
Tgt Ion: 94 Resp: 11247

Ion Ratio Lower Upper

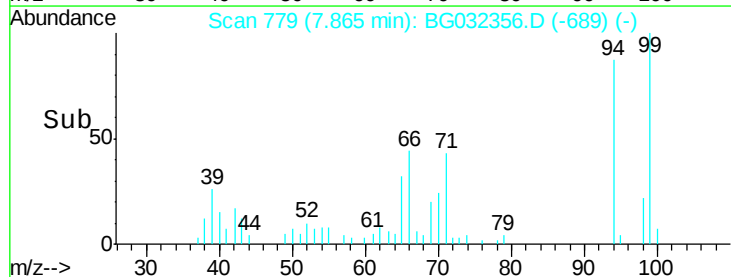
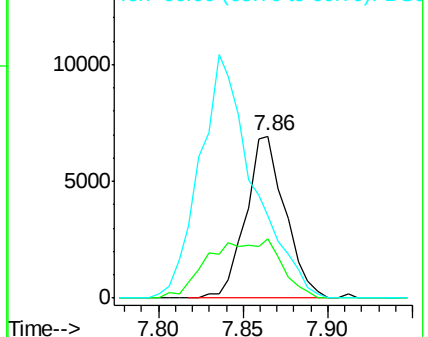
94 100

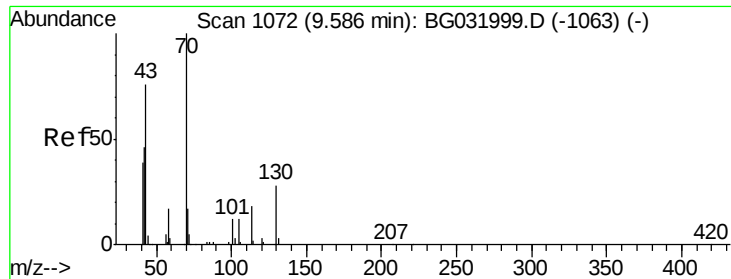
65 36.7 11.9 51.9

66 50.5 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

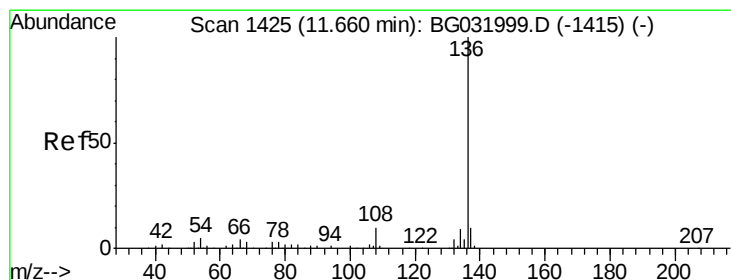
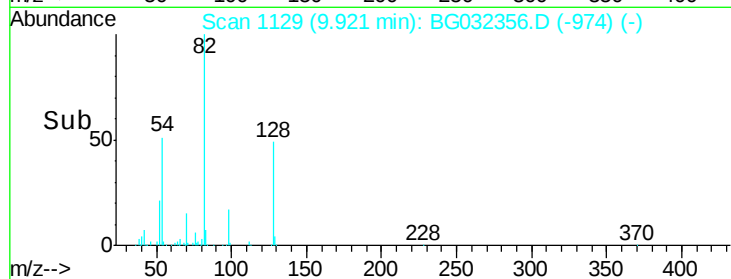
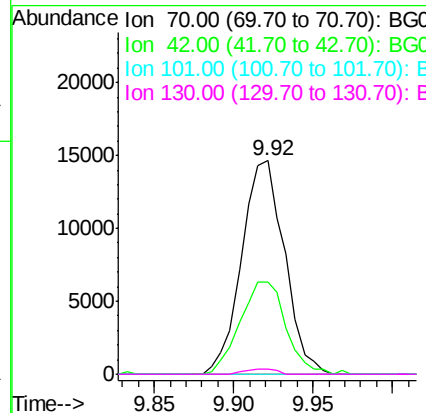
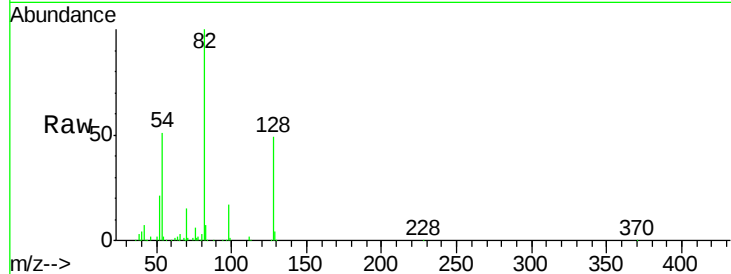




#19
n-Nitroso-di-n-propylamine
Concen: 15.120 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.38 min
Lab File: BG032356.D
Acq: 27 Jan 2018 14:53

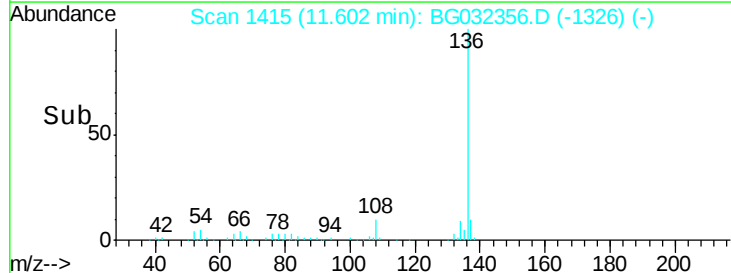
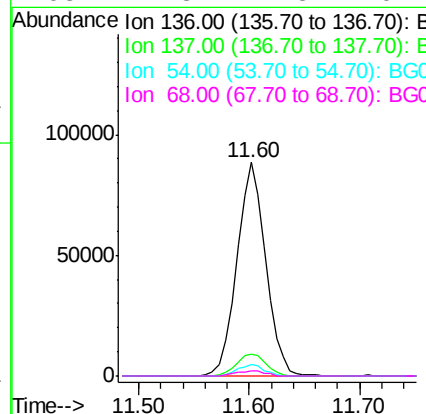
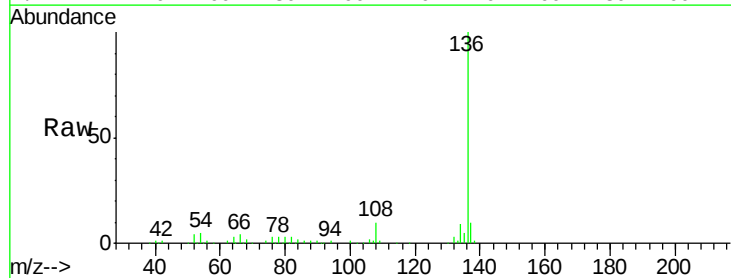
Instrument :
BNA_G
ClientSampleId :

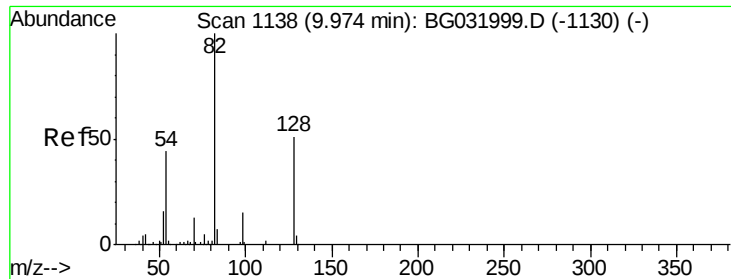
Tot Ion: 70 Resp: 27526
Ion Ratio Lower Upper
70 100
42 43.3 49.1 73.7#
101 0.0 8.5 12.7#
130 2.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032356.D
Acq: 27 Jan 2018 14:53

Tgt Ion: 136 Resp: 161210
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 5.3 10.3 15.5#
68 2.3 4.5 6.7#

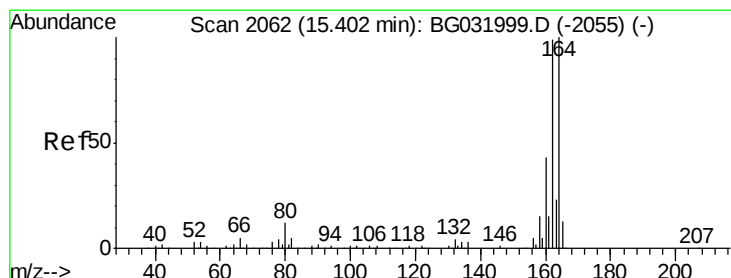
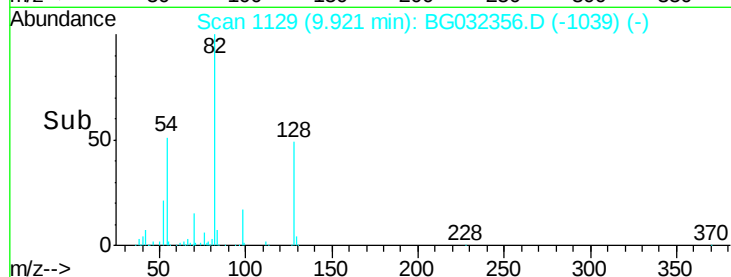
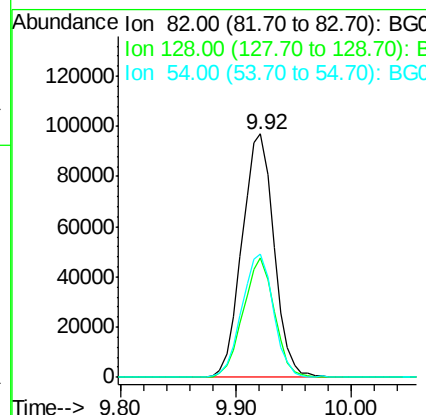
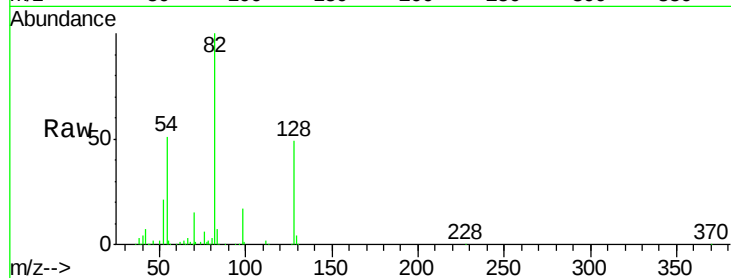




#23
 Nitrobenzene-d5
 Concen: 78.227 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG032356.D
 Acq: 27 Jan 2018 14:53

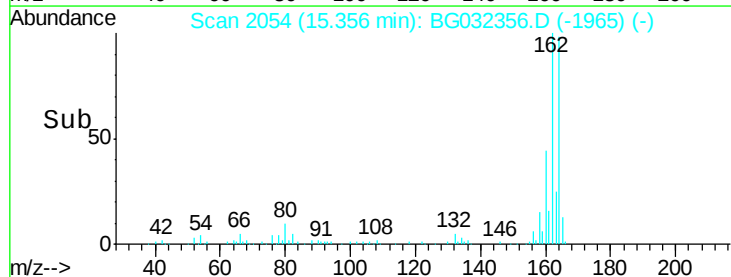
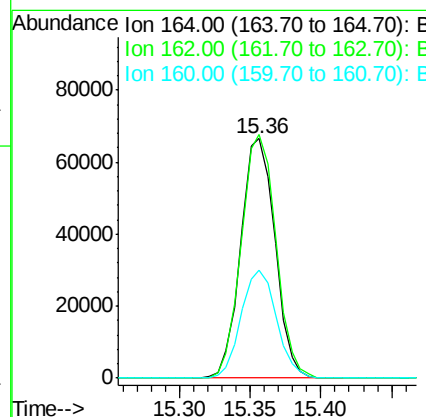
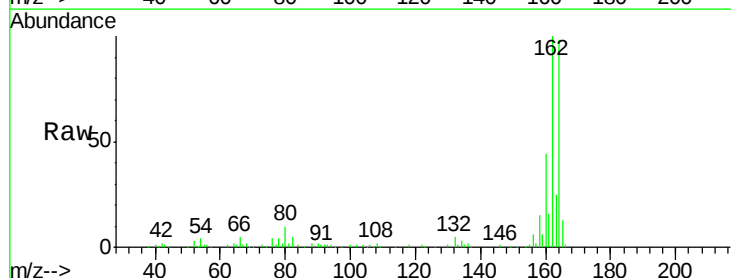
Instrument :
 BNA_G
 ClientSampleId :

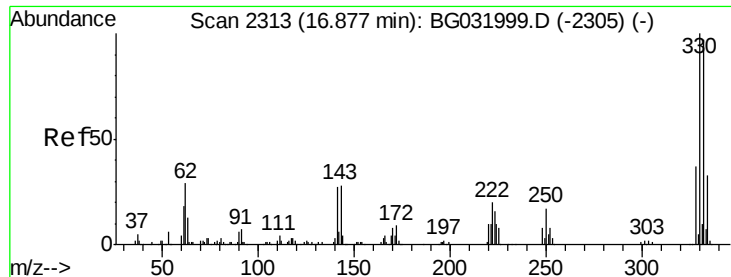
Tot Ion: 82 Resp: 186404
 Ion Ratio Lower Upper
 82 100
 128 48.9 29.7 44.5#
 54 50.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG032356.D
 Acq: 27 Jan 2018 14:53

Tgt Ion: 164 Resp: 113124
 Ion Ratio Lower Upper
 164 100
 162 101.8 78.8 118.2
 160 45.1 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 117.847 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

Instrument :

BNA_G

ClientSampleId :

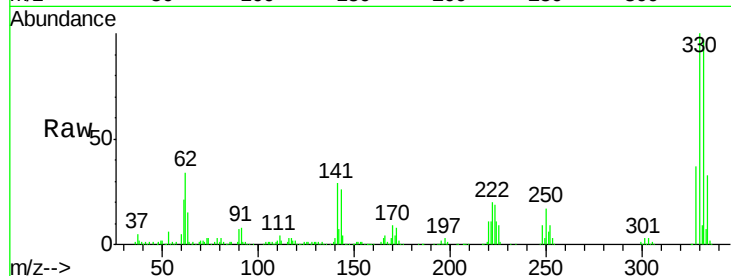
Tot Ion:330 Resp: 220603

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

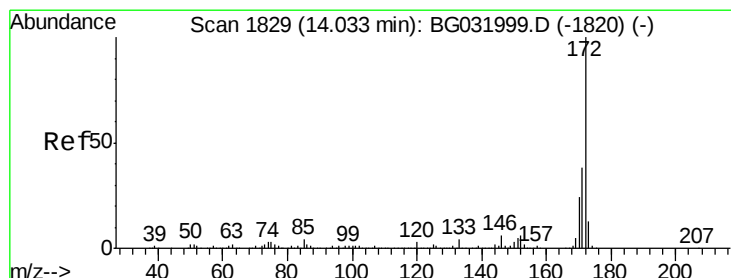
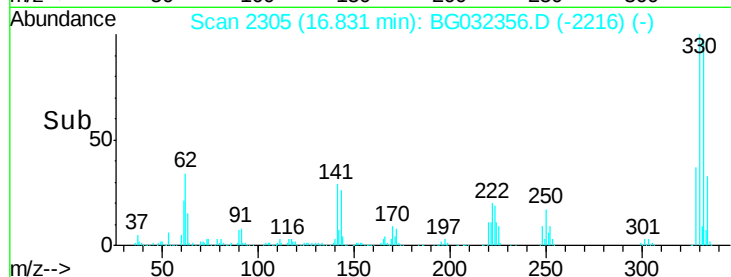
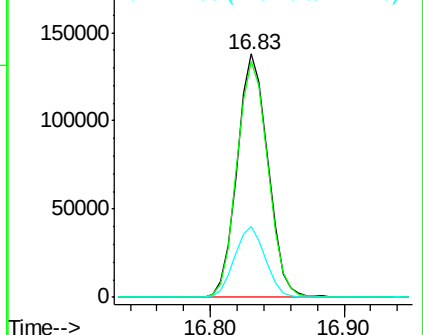
141 29.4 25.2 37.8



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: 66.160 ng

RT: 13.98 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

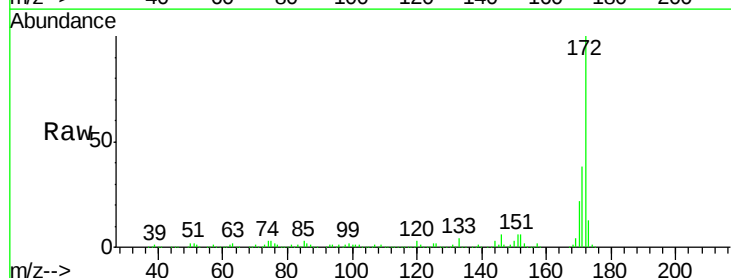
Tgt Ion:172 Resp: 603596

Ion Ratio Lower Upper

172 100

171 37.7 30.0 45.0

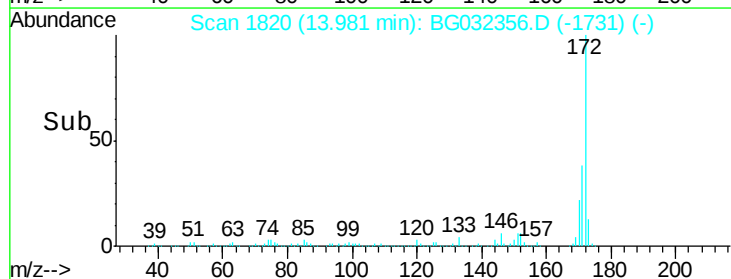
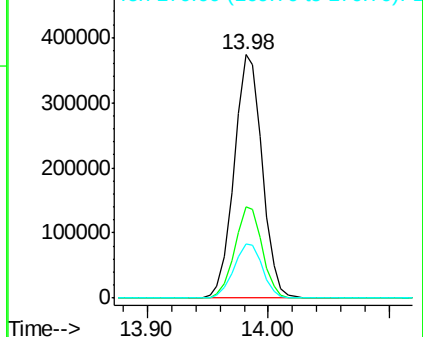
170 22.5 19.5 29.3

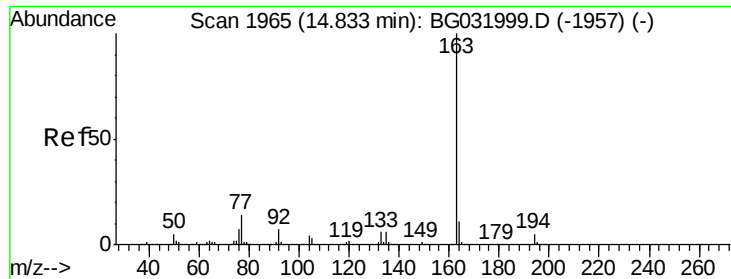


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.211 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG032356.D

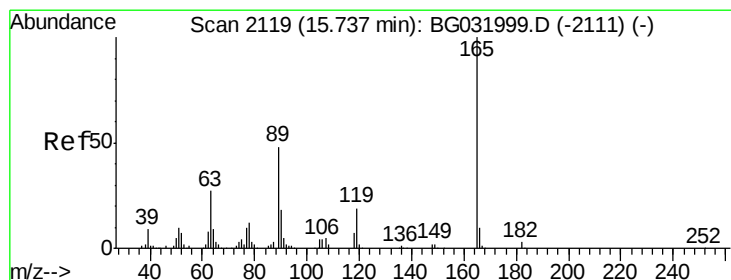
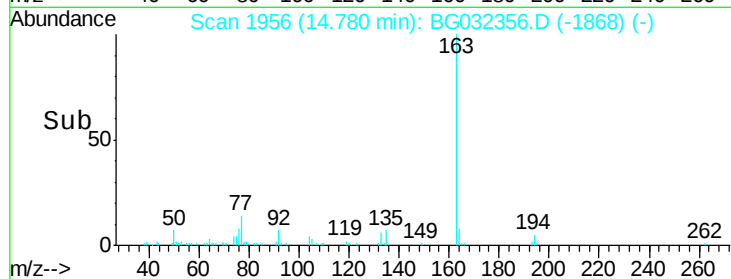
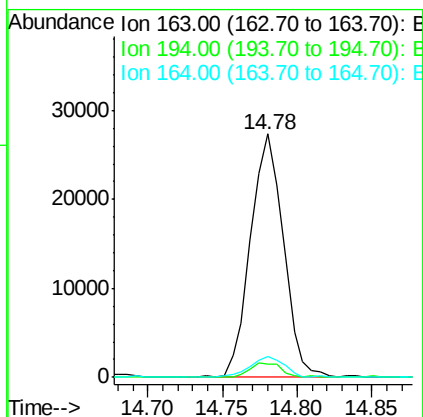
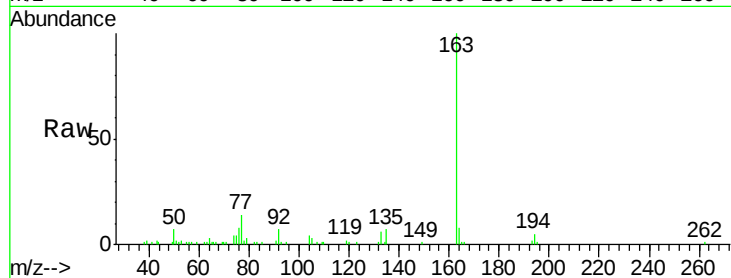
Acq: 27 Jan 2018 14:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	41689
Ion Ratio	Lower	Upper
163	100	
194	5.3	3.4 5.2#
164	8.5	8.2 12.4



#56

2,4-Dinitrotoluene

Concen: 5.313 ng

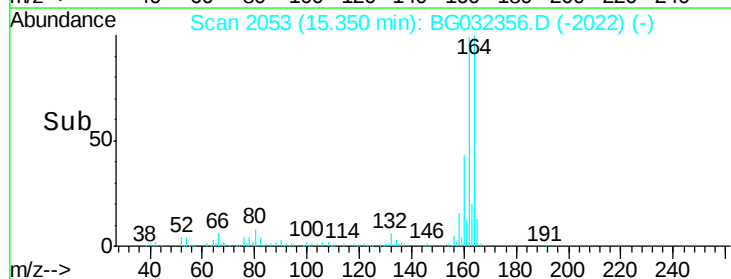
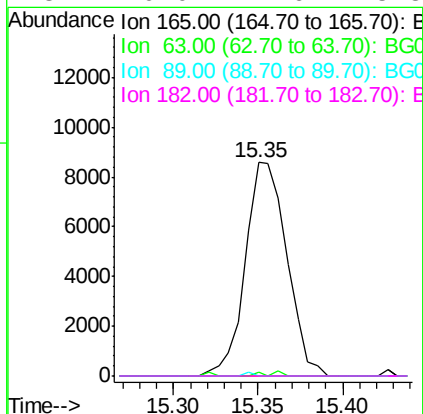
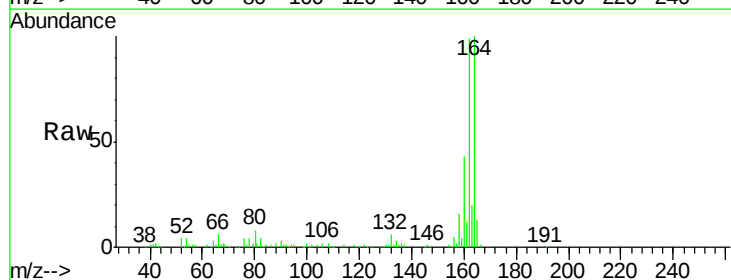
RT: 15.35 min Scan# 2053

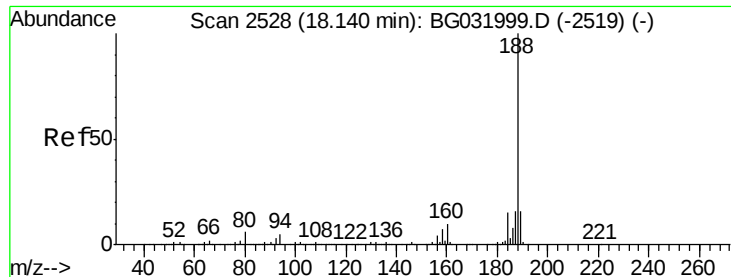
Delta R.T. -0.35 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

Tgt Ion:165	Resp:	14698
Ion Ratio	Lower	Upper
165	100	
63	1.8	42.0 63.0#
89	0.0	66.9 100.3#
182	0.0	2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

Instrument :

BNA_G

ClientSampleId :

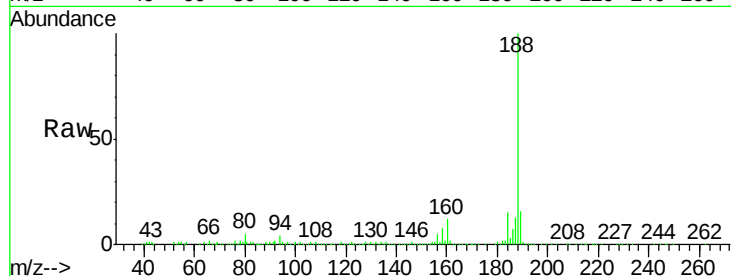
Tot Ion:188 Resp: 279626

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

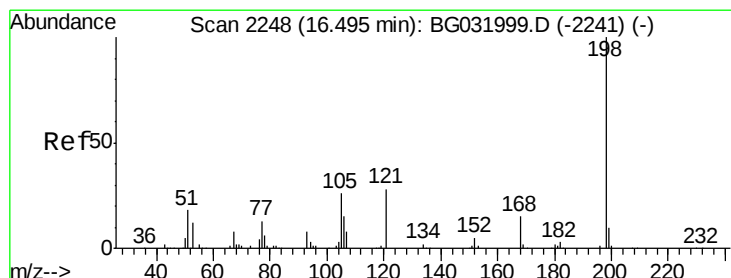
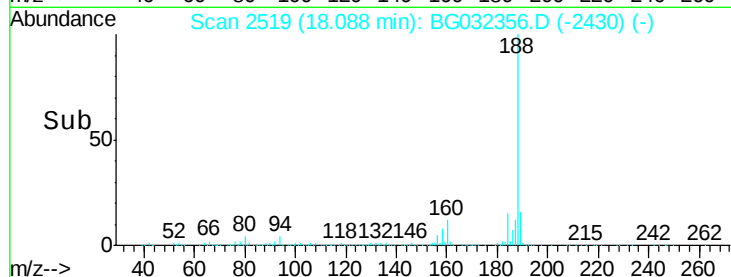
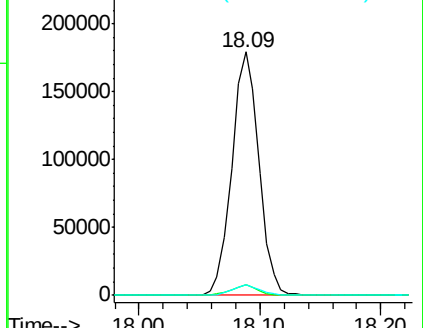
80 4.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 4.914 ng

RT: 16.40 min Scan# 2232

Delta R.T. -0.05 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

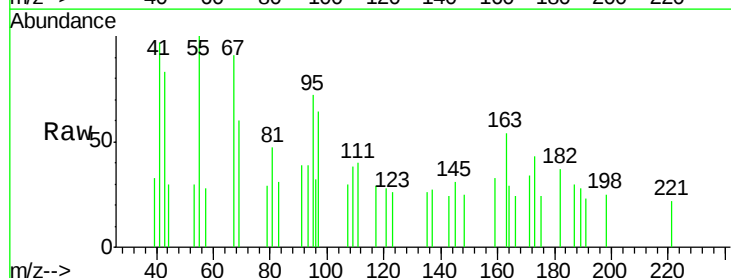
Tgt Ion:198 Resp: 59

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

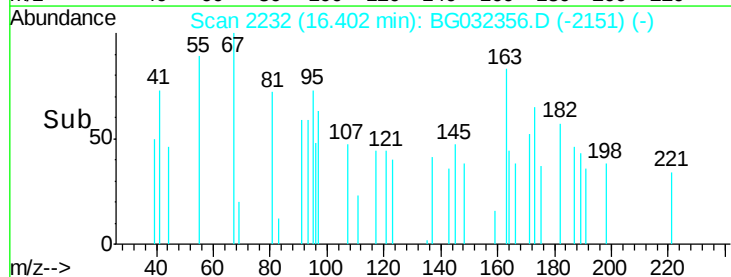
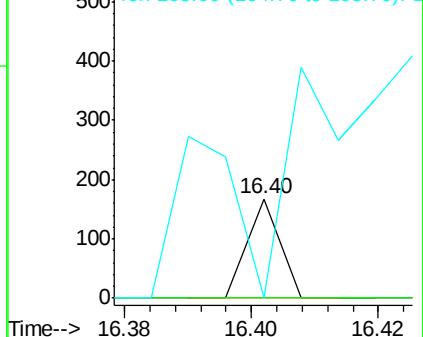
105 0.0 23.8 63.8#

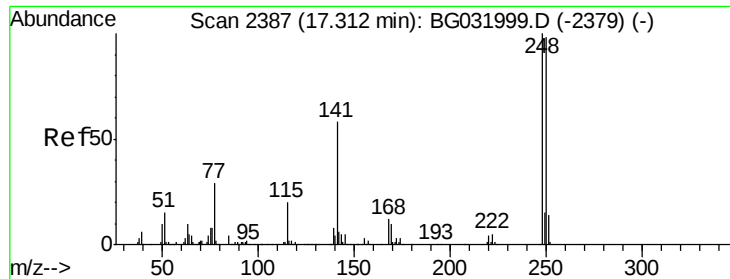


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

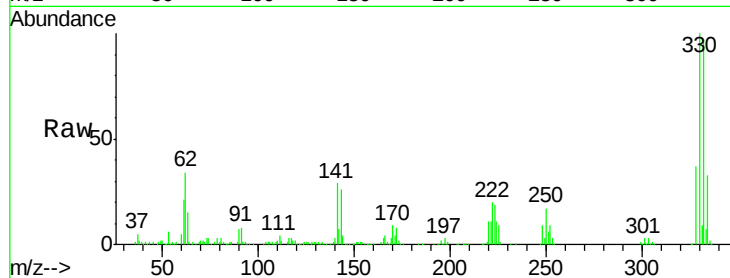




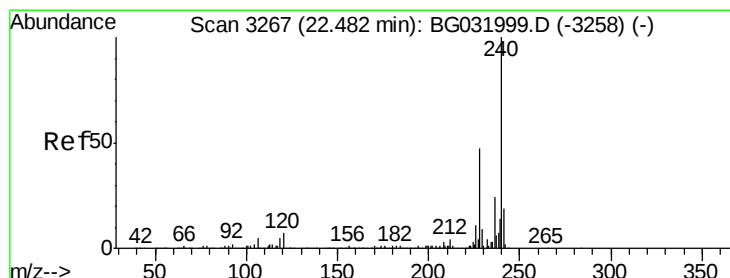
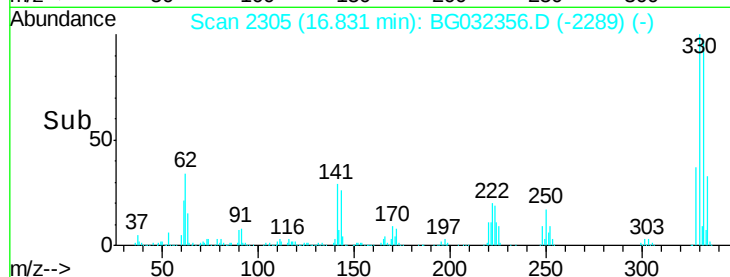
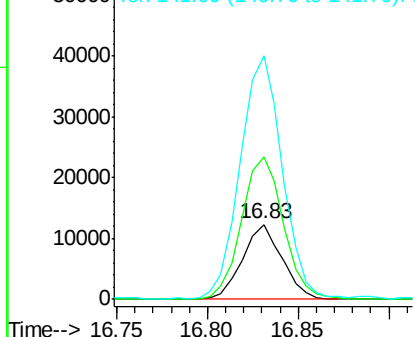
#66
4-Bromophenyl-phenylether
Concen: 4.714 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.44 min
Lab File: BG032356.D
Acq: 27 Jan 2018 14:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18756
Ion Ratio Lower Upper
248 100
250 190.8 77.1 115.7#
141 325.4 50.8 76.2#

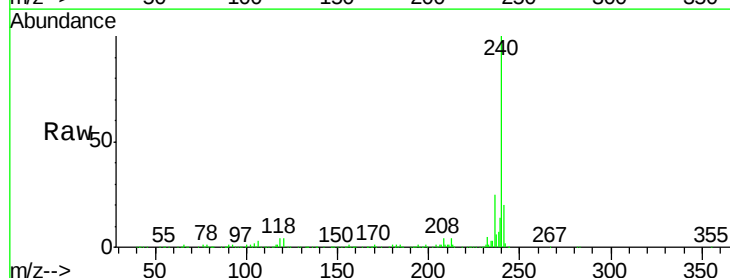


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

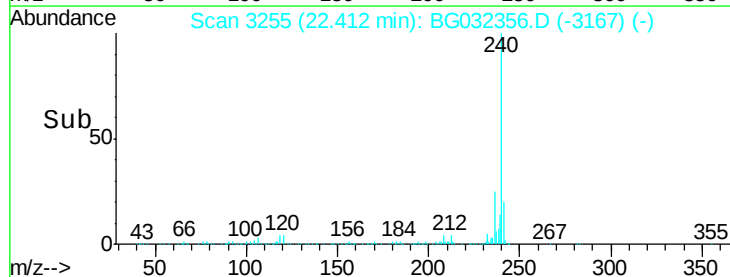
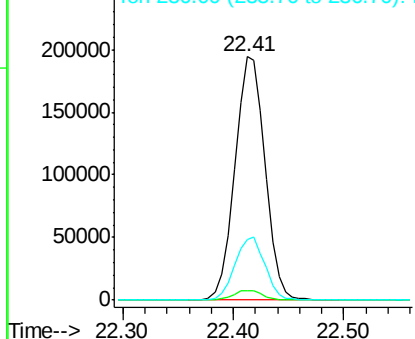


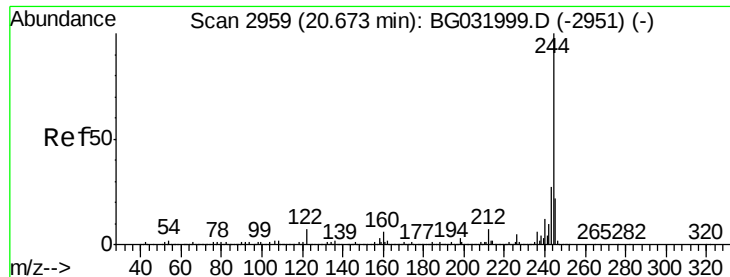
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032356.D
Acq: 27 Jan 2018 14:53

Tgt Ion:240 Resp: 371954
Ion Ratio Lower Upper
240 100
120 3.6 6.8 10.2#
236 25.1 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: 66.249 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

Instrument :

BNA_G

ClientSampled :

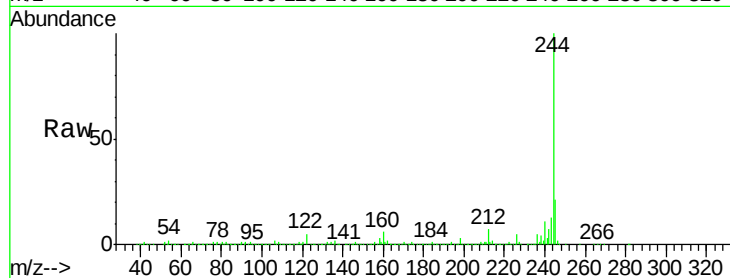
Tot Ion:244 Resp: 1115990

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

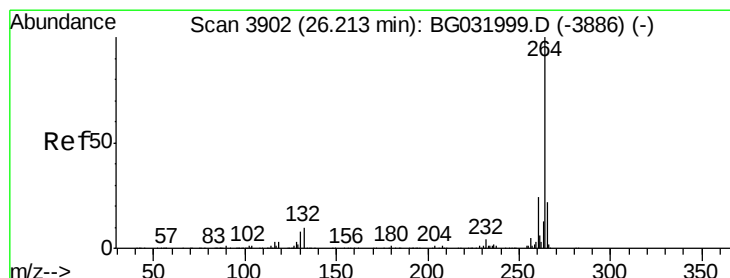
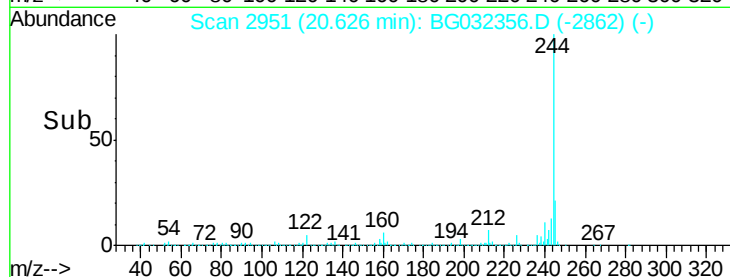
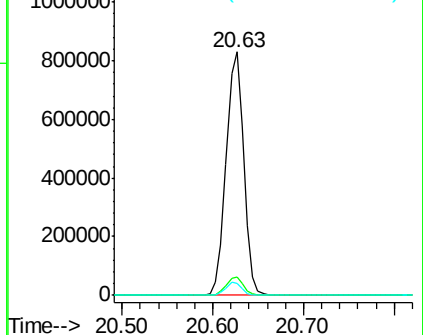
122 4.8 7.0 10.4#



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: 26.10 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

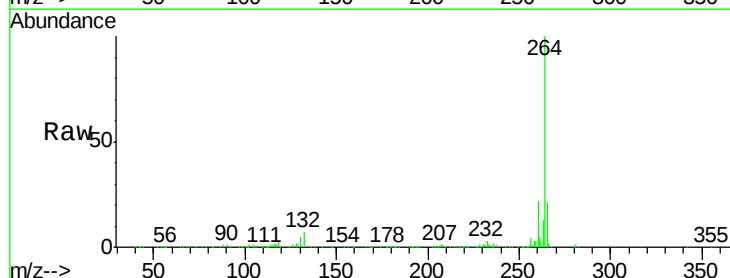
Tgt Ion:264 Resp: 407329

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 20.9 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

