

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032056.D
 Acq On : 16 Jan 2018 6:43
 Operator : SJ/JU
 Sample : J1114-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 07:39:01 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

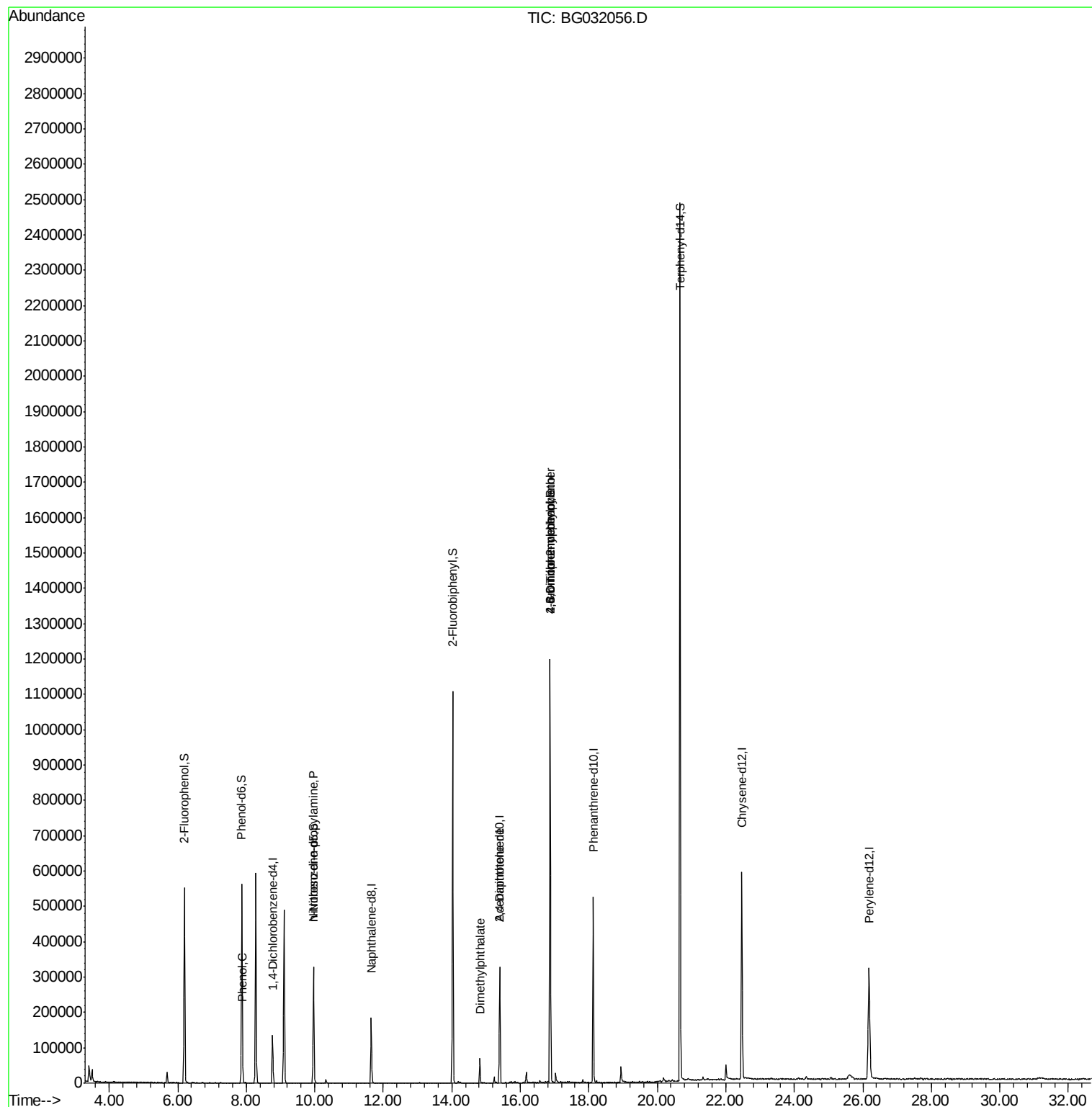
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	47285	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	181279	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	129028	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	356188	20.00	ng	-0.01
75) Chrysene-d12	22.46	240	446224	20.00	ng	-0.02
86) Perylene-d12	26.18	264	462590	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	289830	112.10	ng	0.00
7) Phenol-d6	7.87	99	366167	112.45	ng	0.00
23) Nitrobenzene-d5	9.96	82	210938	78.72	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	264236	123.76	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	671537	64.53	ng	0.00
78) Terphenyl-d14	20.66	244	1367783	67.68	ng	-0.01
Target Compounds						
10) Phenol	7.90	94	8152	2.542	ng	90
19) n-Nitroso-di-n-propylamine	9.96	70	28979	14.344	ng	# 73
49) Dimethylphthalate	14.82	163	49566	4.390	ng	# 97
56) 2,4-Dinitrotoluene	15.40	165	16549	5.245	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.87	198	687	5.155	ng	# 71
66) 4-Bromophenyl-phenylether	16.87	248	22489	4.438	ng	# 1

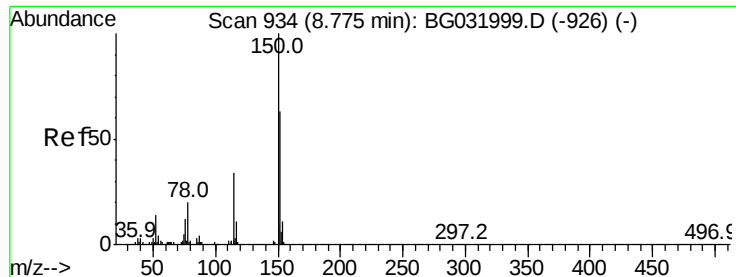
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG032056.D

Acq: 16 Jan 2018 6:43

Instrument :

BNA_G

ClientSampled :

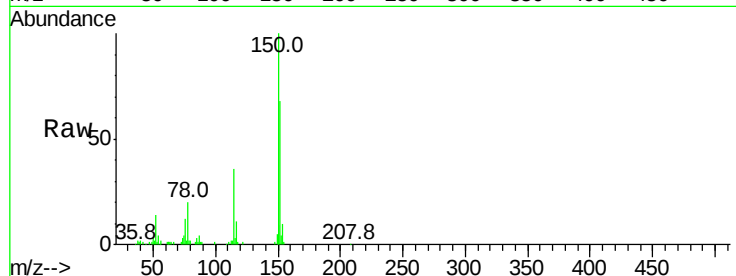
Tot Ion:152 Resp: 47285

Ion Ratio Lower Upper

152 100

150 146.3 126.6 189.8

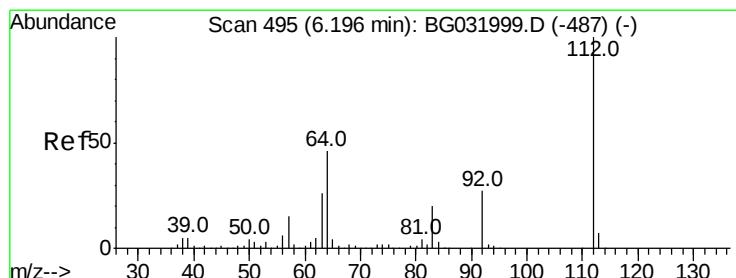
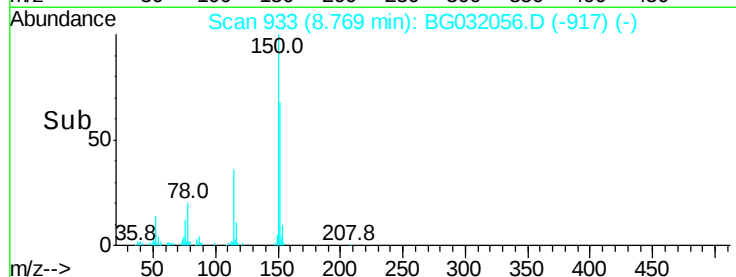
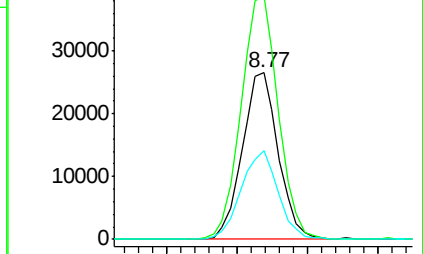
115 53.2 53.0 79.4



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: 112.103 ng

RT: 6.19 min Scan# 494

Delta R.T. -0.01 min

Lab File: BG032056.D

Acq: 16 Jan 2018 6:43

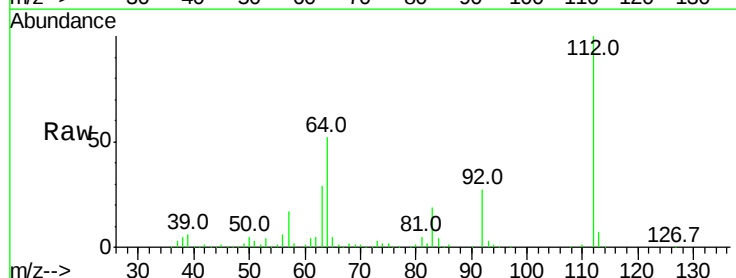
Tgt Ion:112 Resp: 289830

Ion Ratio Lower Upper

112 100

64 51.8 56.3 84.5#

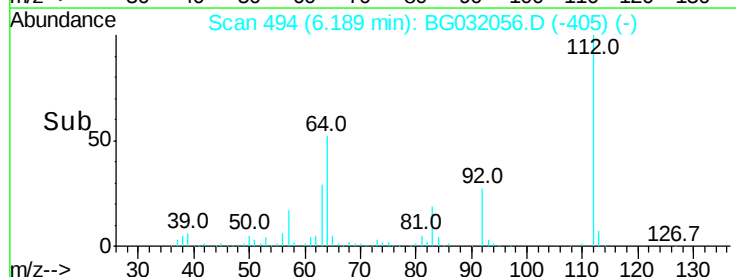
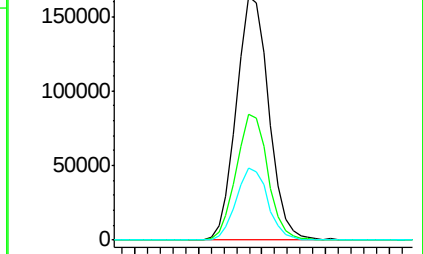
63 29.5 30.1 45.1#

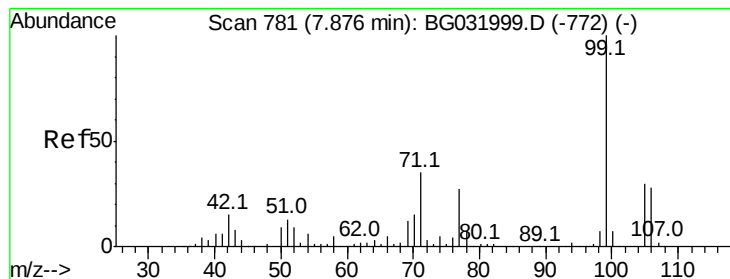


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.455 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032056.D

Acq: 16 Jan 2018 6:43

Instrument :

BNA_G

ClientSampleId :

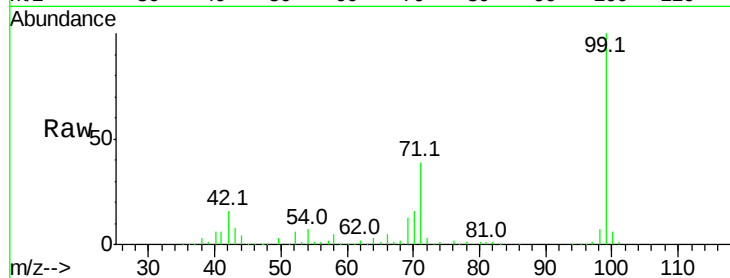
Tot Ion: 99 Resp: 366167

Ion Ratio Lower Upper

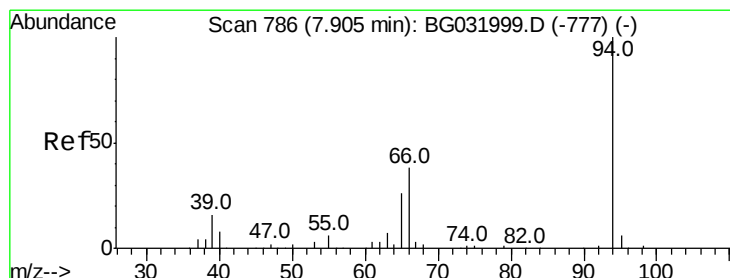
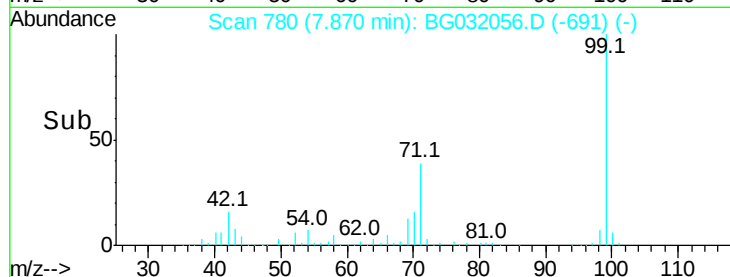
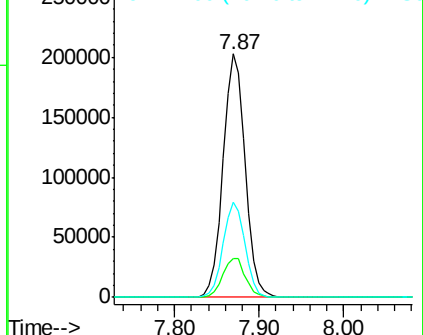
99 100

42 16.1 14.1 21.1

71 39.1 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: 2.542 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG032056.D

Acq: 16 Jan 2018 6:43

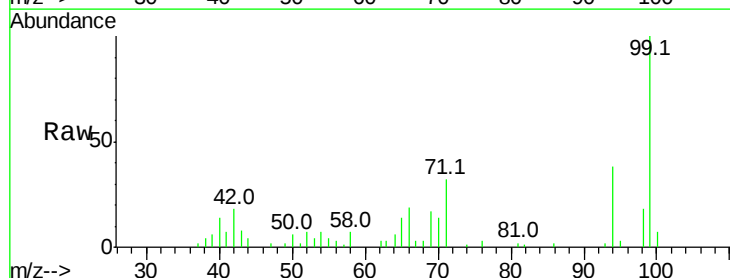
Tgt Ion: 94 Resp: 8152

Ion Ratio Lower Upper

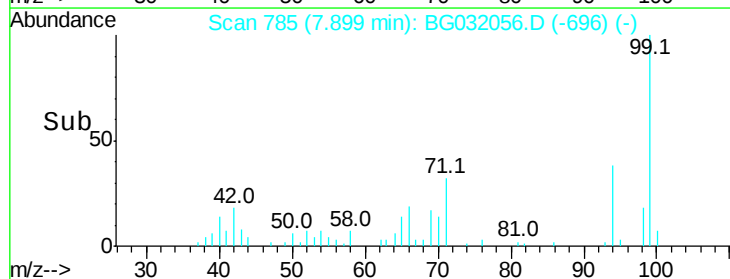
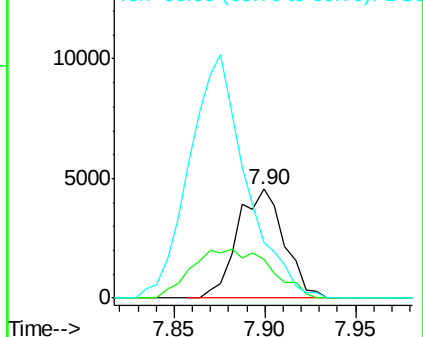
94 100

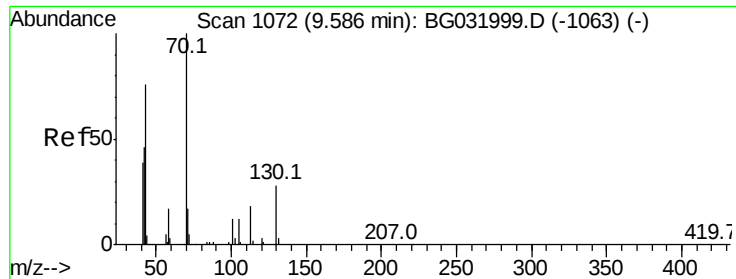
65 35.5 11.9 51.9

66 50.4 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

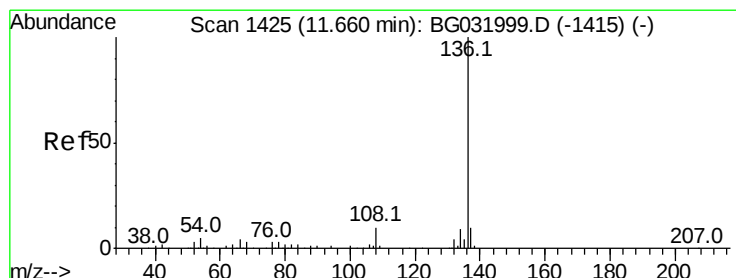
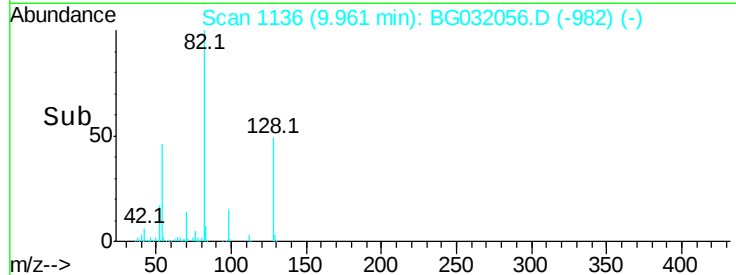
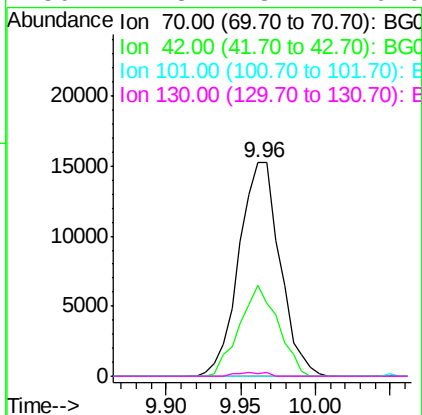
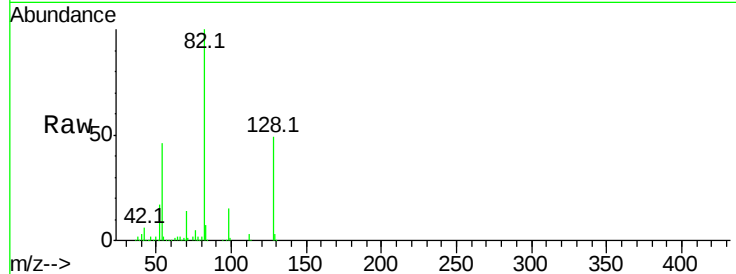




#19
n-Nitroso-di-n-propylamine
Concen: 14.344 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032056.D
Acq: 16 Jan 2018 6:43

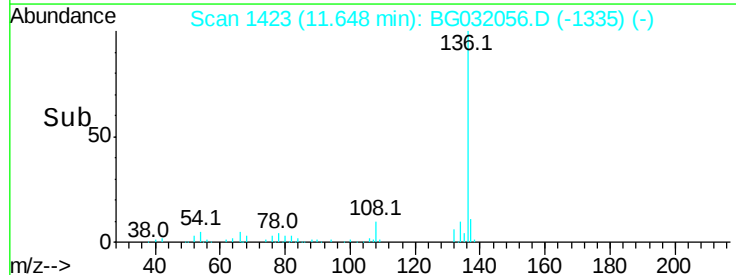
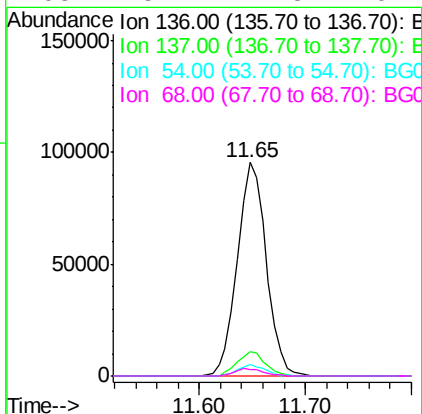
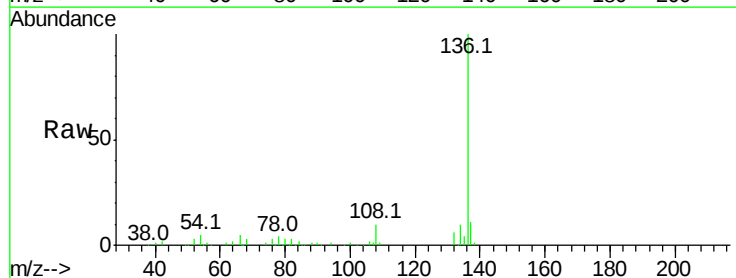
Instrument :
BNA_G
ClientSampleId :

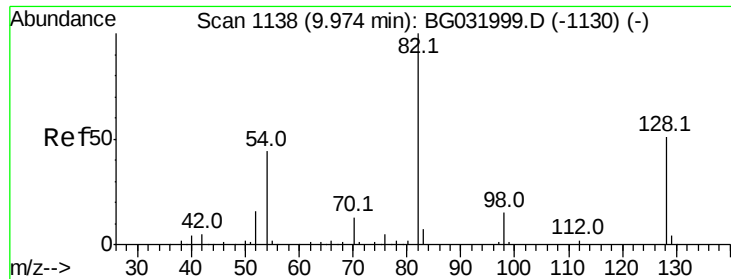
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032056.D
Acq: 16 Jan 2018 6:43

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	5.2	10.3	15.5#
68	3.2	4.5	6.7#

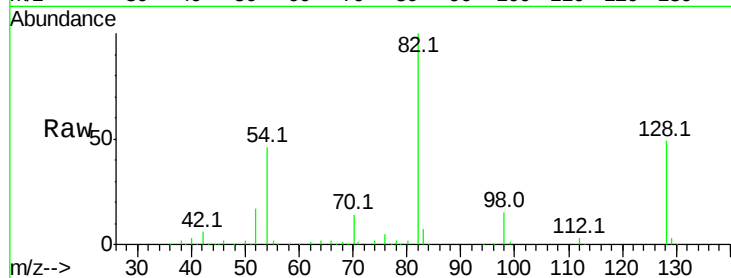




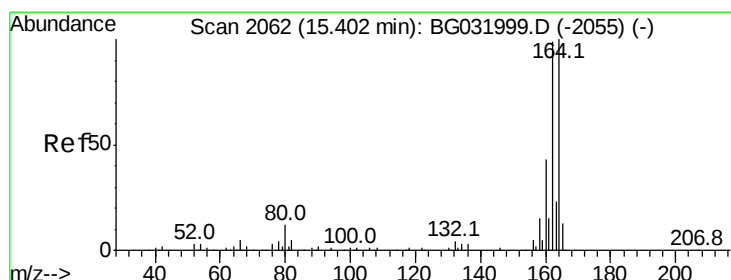
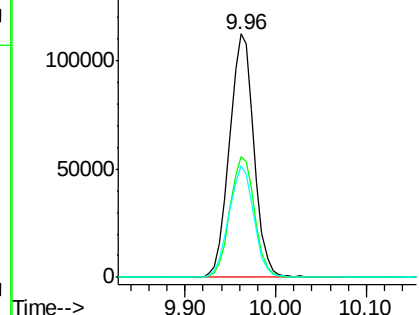
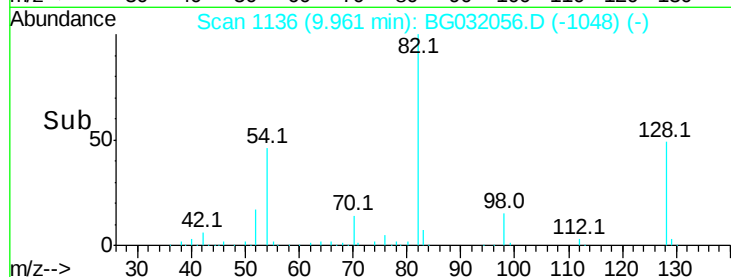
#23
 Nitrobenzene-d5
 Concen: 78.723 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032056.D
 Acq: 16 Jan 2018 6:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 210938
 Ion Ratio Lower Upper
 82 100
 128 49.4 29.7 44.5#
 54 45.8 43.1 64.7

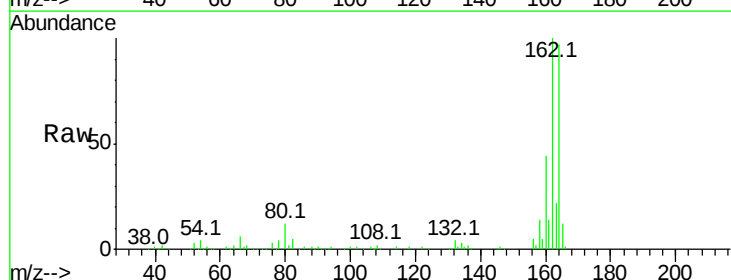


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

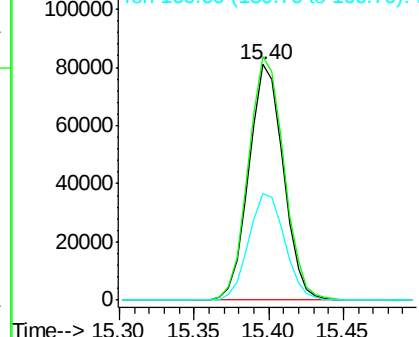
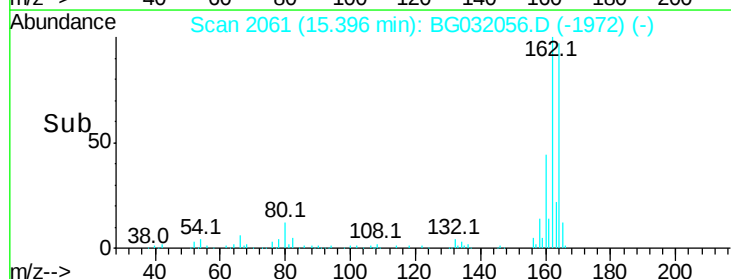


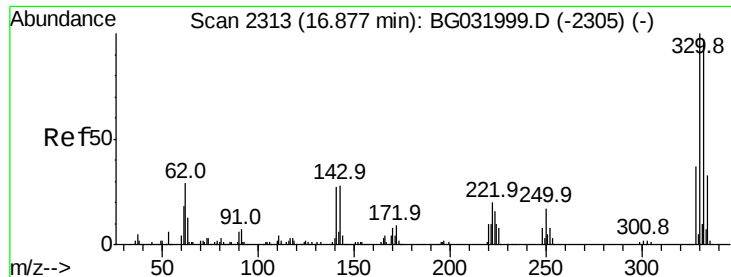
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BG032056.D
 Acq: 16 Jan 2018 6:43

Tgt Ion:164 Resp: 129028
 Ion Ratio Lower Upper
 164 100
 162 103.3 78.8 118.2
 160 45.0 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

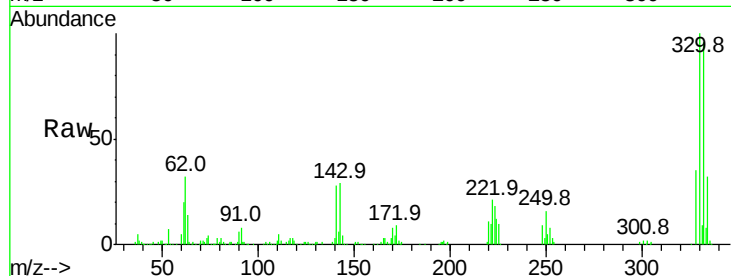




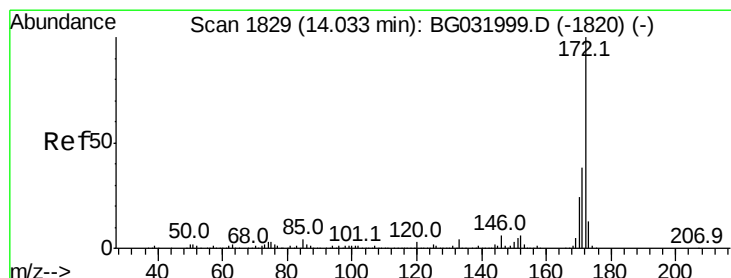
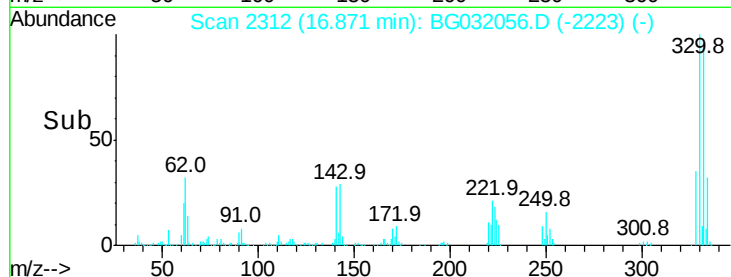
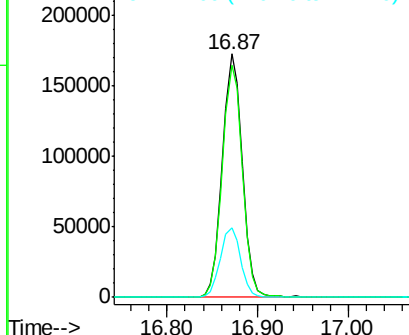
#41
 2,4,6-Tribromophenol
 Concen: 123.757 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG032056.D
 Acq: 16 Jan 2018 6:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	29.1	25.2	37.8

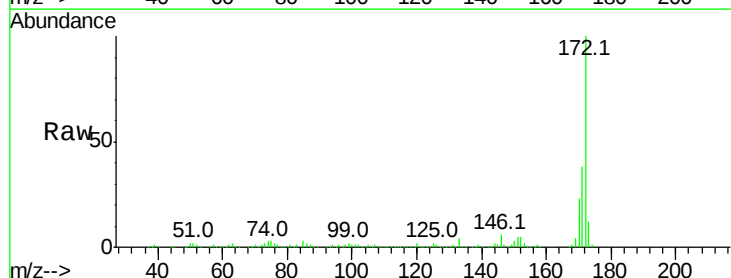


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

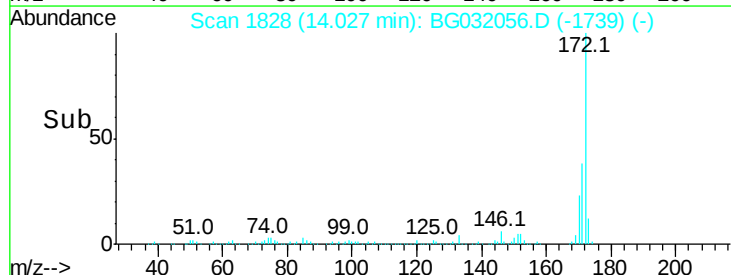
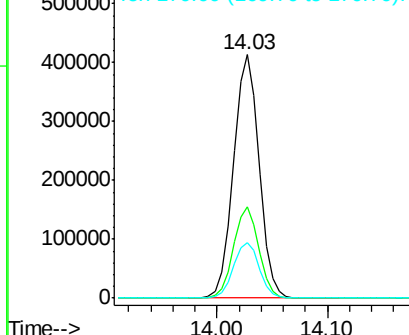


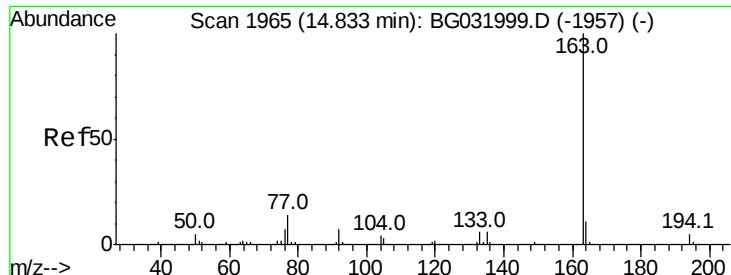
#44
 2-Fluorobiphenyl
 Concen: 64.534 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032056.D
 Acq: 16 Jan 2018 6:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	22.8	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: 4.390 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG032056.D

Acq: 16 Jan 2018 6:43

Instrument :

BNA_G

ClientSampleId :

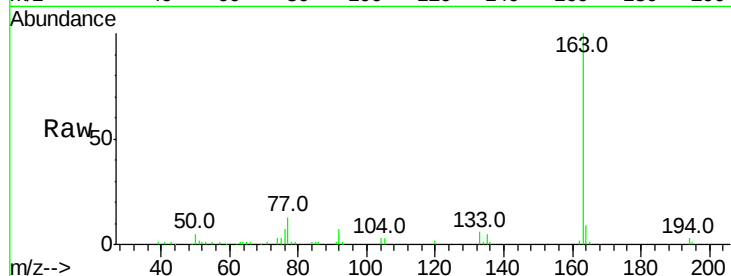
Tot Ion:163 Resp: 49566

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.2#

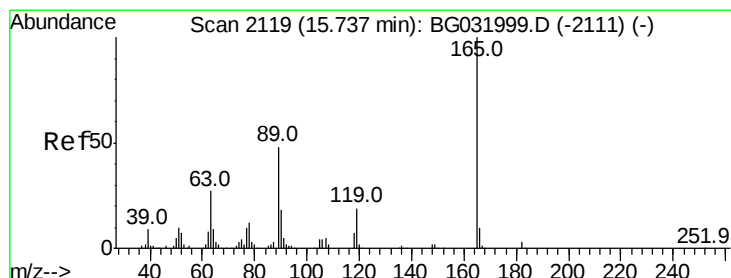
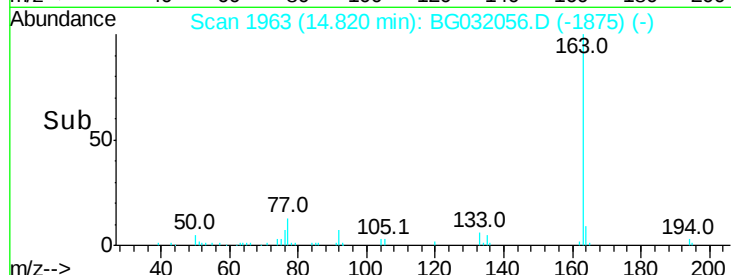
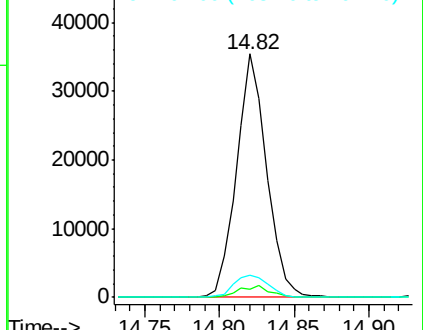
164 9.1 8.2 12.4



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: 5.245 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.34 min

Lab File: BG032056.D

Acq: 16 Jan 2018 6:43

Tgt Ion:165 Resp: 16549

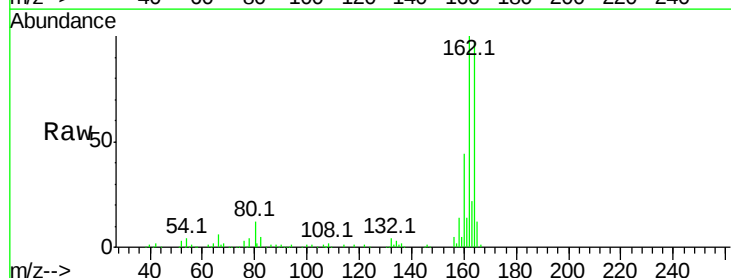
Ion Ratio Lower Upper

165 100

63 1.5 42.0 63.0#

89 1.7 66.9 100.3#

182 0.0 2.6 3.8#

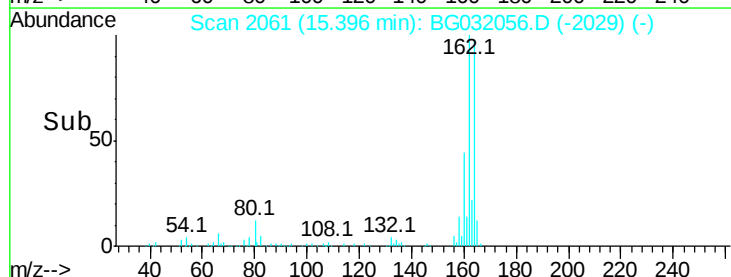
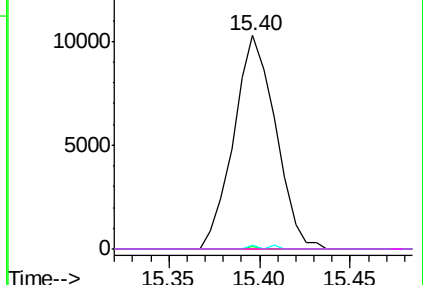


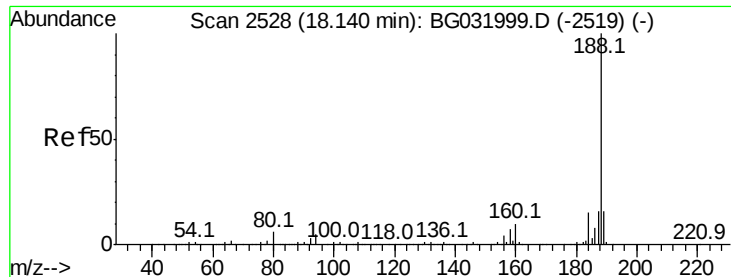
Abundance Ion 165.00 (164.70 to 165.70): E

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

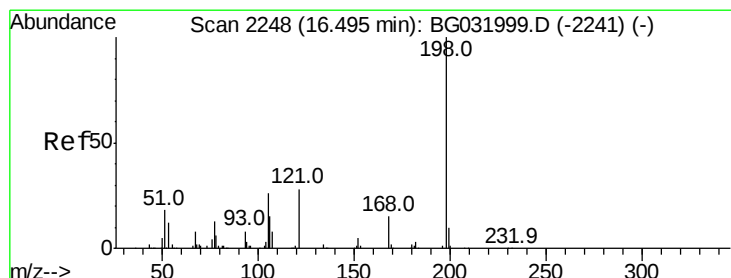
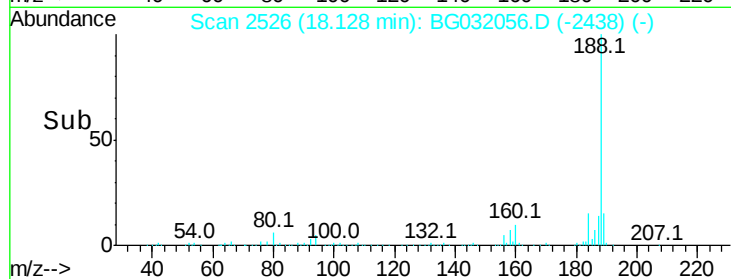
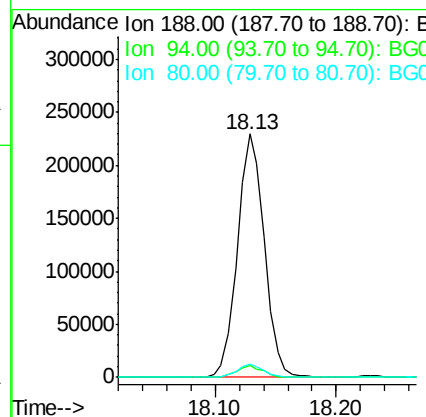
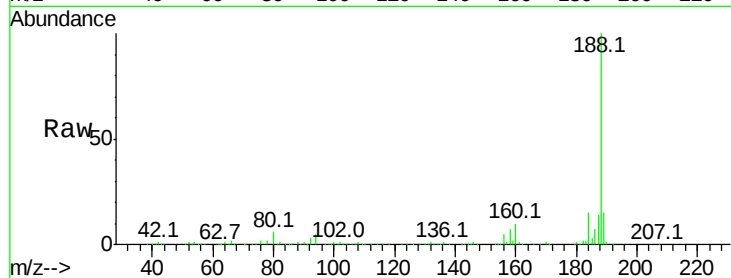




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032056.D
Acq: 16 Jan 2018 6:43

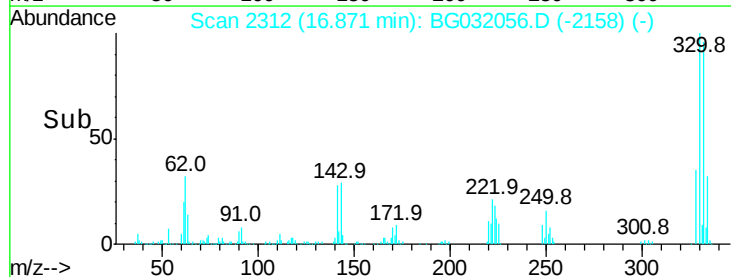
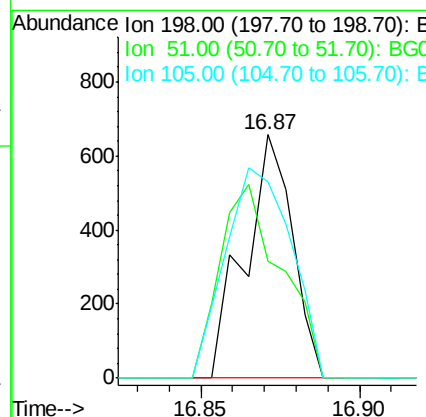
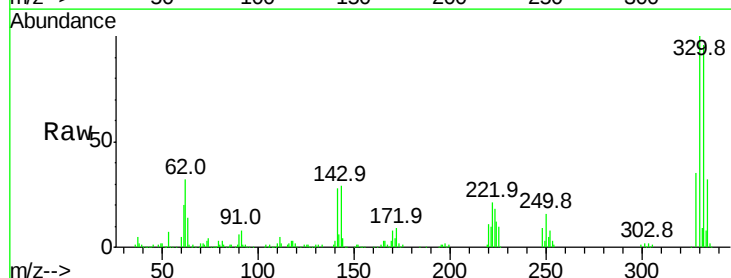
Instrument :
BNA_G
ClientSampleId :

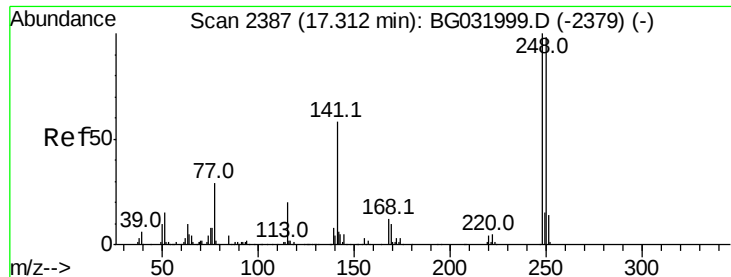
Tot Ion:188 Resp: 356188
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 5.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.155 ng
RT: 16.87 min Scan# 2312
Delta R.T. 0.38 min
Lab File: BG032056.D
Acq: 16 Jan 2018 6:43

Tgt Ion:198 Resp: 687
Ion Ratio Lower Upper
198 100
51 47.7 30.6 70.6
105 80.4 23.8 63.8#

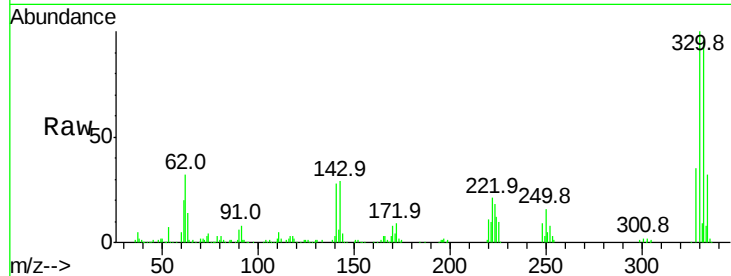




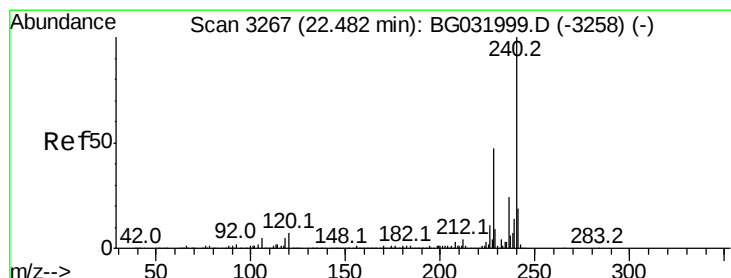
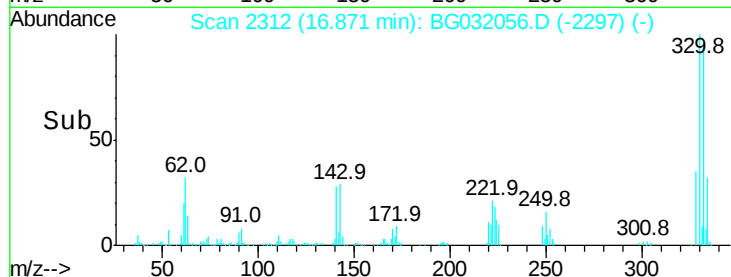
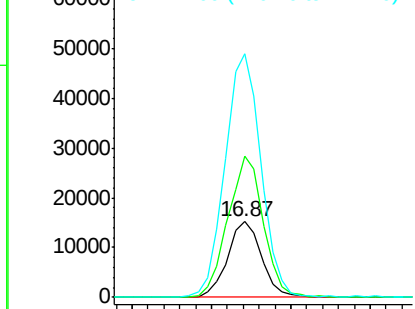
#66
4-Bromophenyl-phenylether
Concen: 4.438 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.44 min
Lab File: BG032056.D
Acq: 16 Jan 2018 6:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 22489
Ion Ratio Lower Upper
248 100
250 187.8 77.1 115.7#
141 323.3 50.8 76.2#

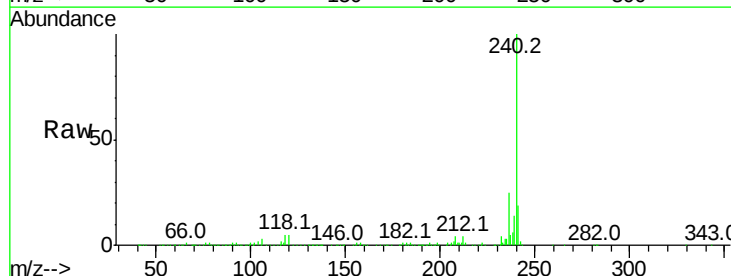


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

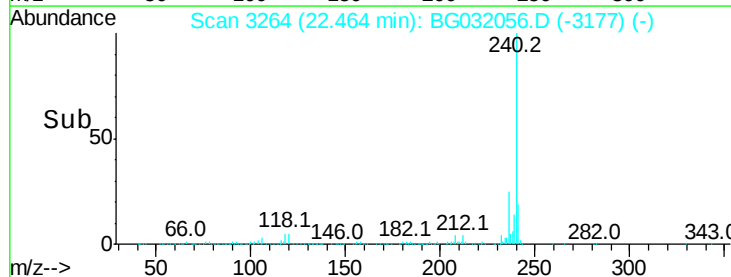
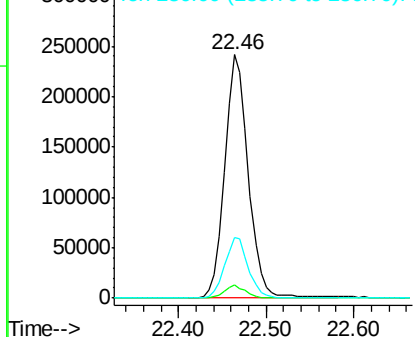


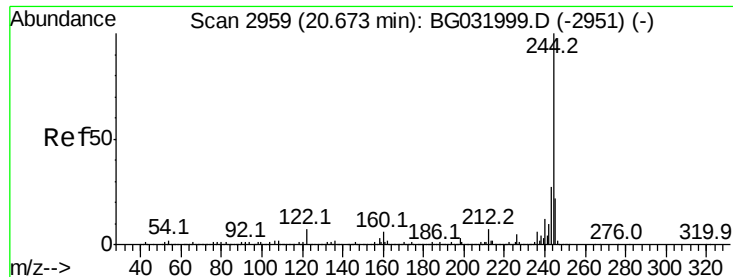
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.46 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032056.D
Acq: 16 Jan 2018 6:43

Tgt Ion:240 Resp: 446224
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 24.9 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: 67.682 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032056.D

Acq: 16 Jan 2018 6:43

Instrument :

BNA_G

ClientSampleId :

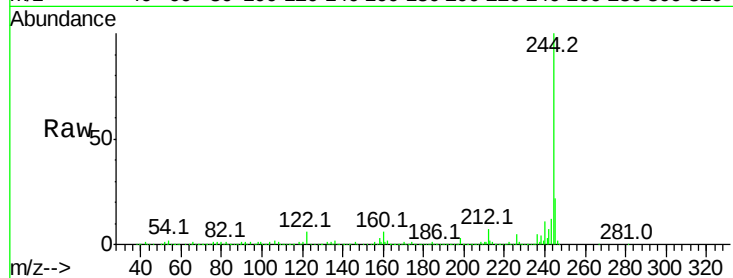
Tot Ion:244 Resp: 1367783

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

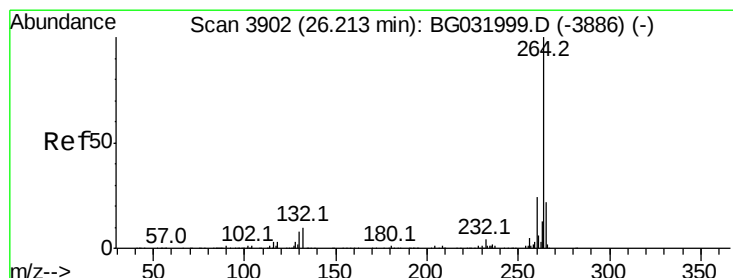
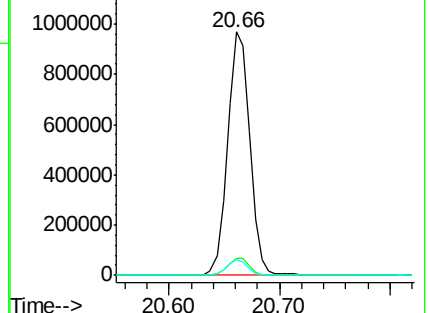
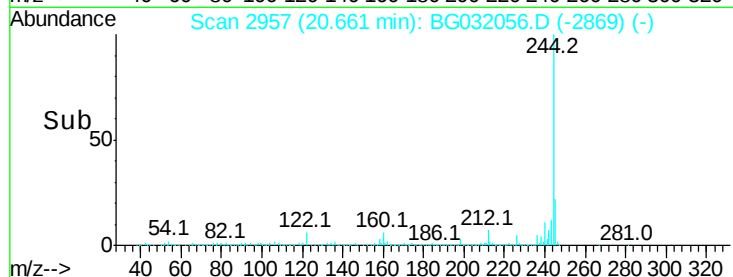
122 6.3 7.0 10.4#



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# 3897

Delta R.T. -0.03 min

Lab File: BG032056.D

Acq: 16 Jan 2018 6:43

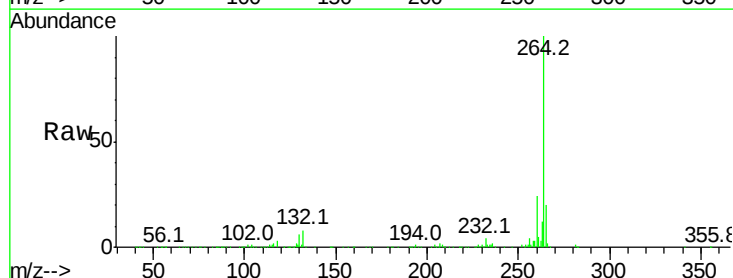
Tgt Ion:264 Resp: 462590

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 20.1 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

