

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032064.D
 Acq On : 16 Jan 2018 11:43
 Operator : SJ/JU
 Sample : J1123-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 16 12:19:44 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

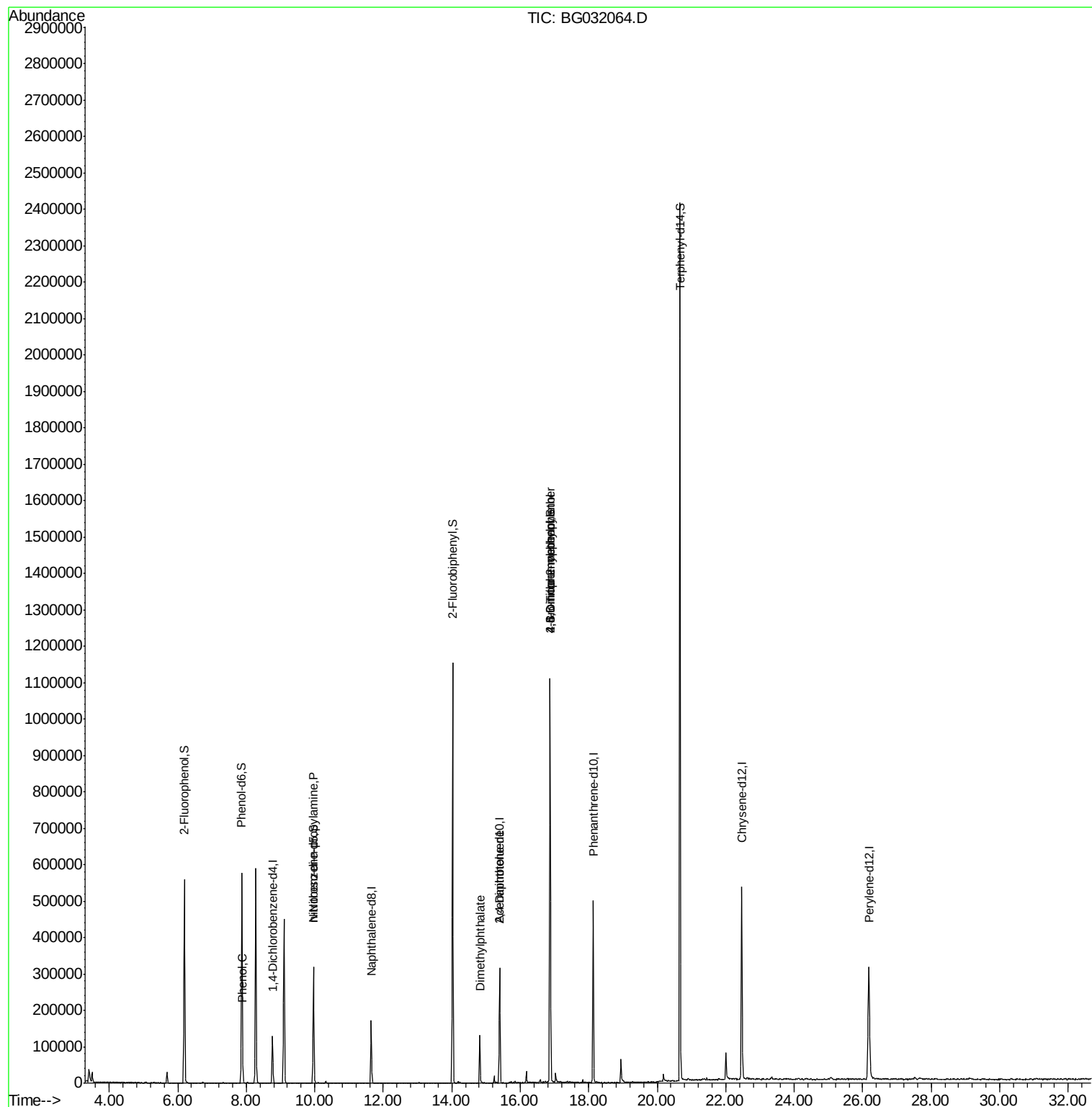
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	42659	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	169917	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	121871	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	334444	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	408596	20.00	ng	-0.02
86) Perylene-d12	26.18	264	420878	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	288852	123.84	ng	0.00
7) Phenol-d6	7.87	99	364983	124.25	ng	0.00
23) Nitrobenzene-d5	9.96	82	202424	80.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	257255	127.56	ng	0.00
44) 2-Fluorobiphenyl	14.02	172	693670	70.58	ng	-0.01
78) Terphenyl-d14	20.66	244	1343801	72.62	ng	-0.01
Target Compounds						
10) Phenol	7.90	94	13369	4.620	ng	94
19) n-Nitroso-di-n-propylamine	9.96	70	28665	15.727	ng	# 74
49) Dimethylphthalate	14.82	163	99887	9.366	ng	# 99
56) 2,4-Dinitrotoluene	15.40	165	16131	5.413	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.87	198	756	5.202	ng	# 1
66) 4-Bromophenyl-phenylether	16.87	248	21338	4.484	ng	# 1

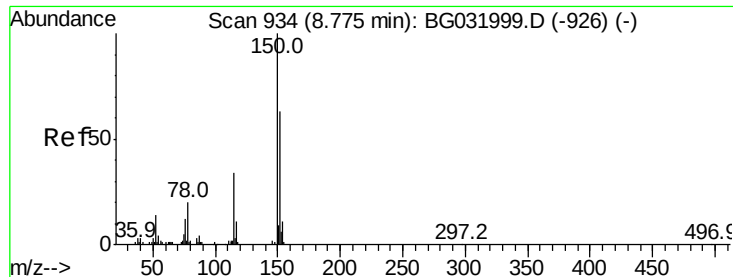
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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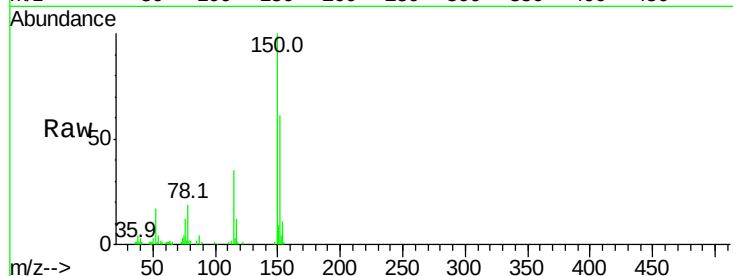


#1

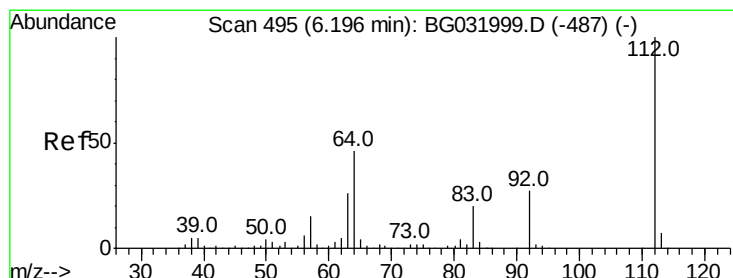
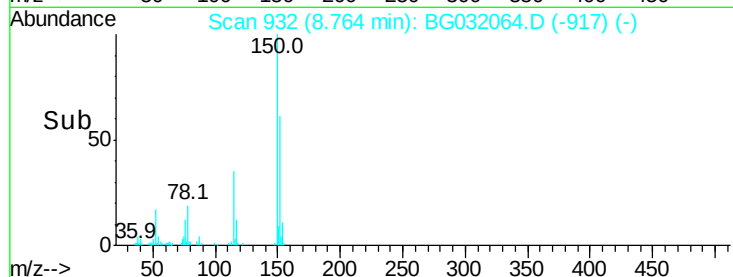
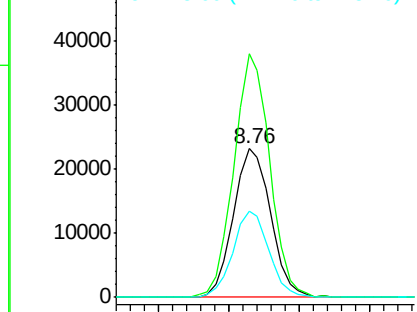
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032064.D
Acq: 16 Jan 2018 11:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 42659
Ion Ratio Lower Upper
152 100
150 163.6 126.6 189.8
115 58.0 53.0 79.4



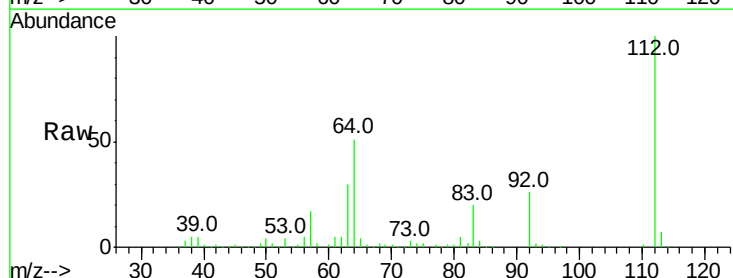
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



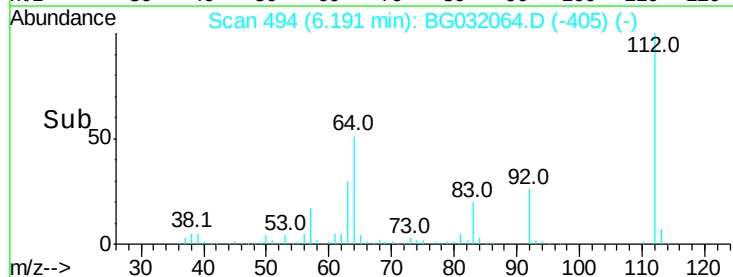
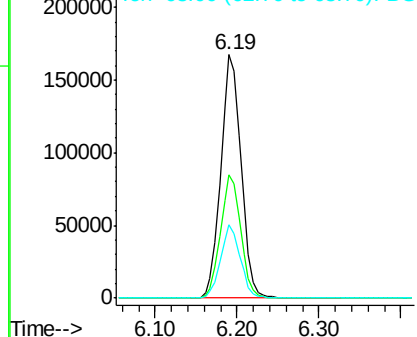
#5

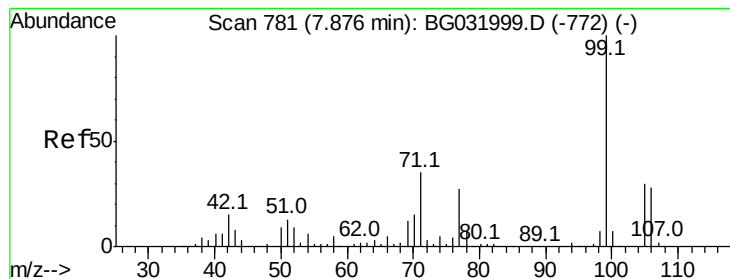
2-Fluorophenol
Concen: 123.840 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG032064.D
Acq: 16 Jan 2018 11:43

Tgt Ion:112 Resp: 288852
Ion Ratio Lower Upper
112 100
64 50.6 56.3 84.5#
63 30.0 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: 124.246 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032064.D

Acq: 16 Jan 2018 11:43

Instrument :

BNA_M

ClientSampled :

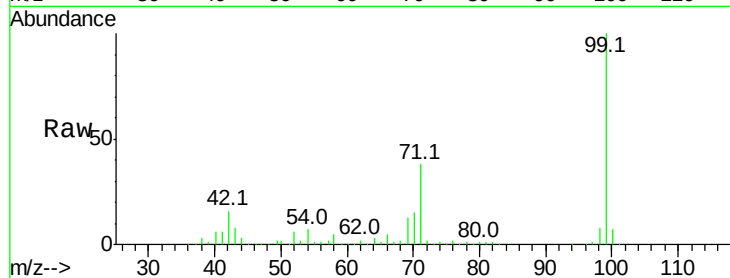
Tot Ion: 99 Resp: 364983

Ion Ratio Lower Upper

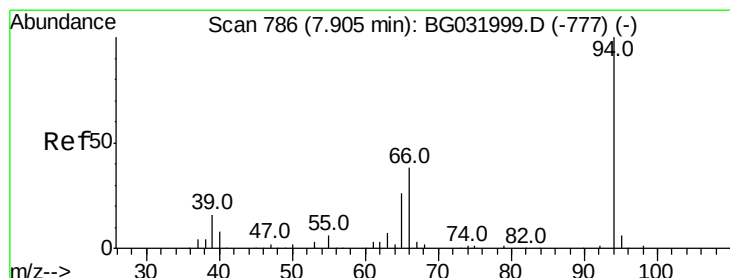
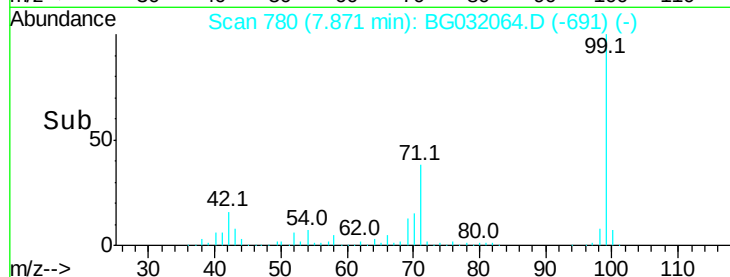
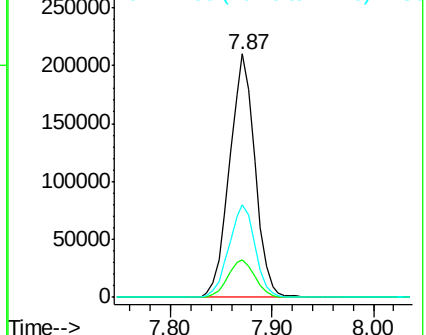
99 100

42 15.6 14.1 21.1

71 37.9 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: 4.620 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG032064.D

Acq: 16 Jan 2018 11:43

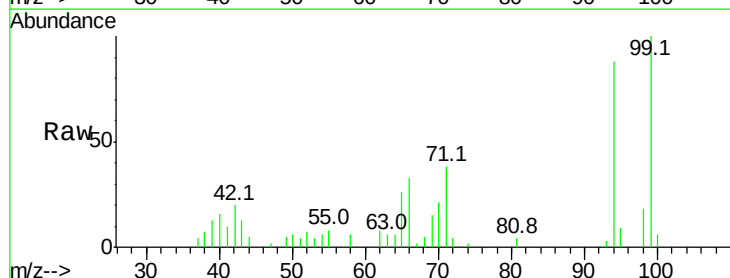
Tgt Ion: 94 Resp: 13369

Ion Ratio Lower Upper

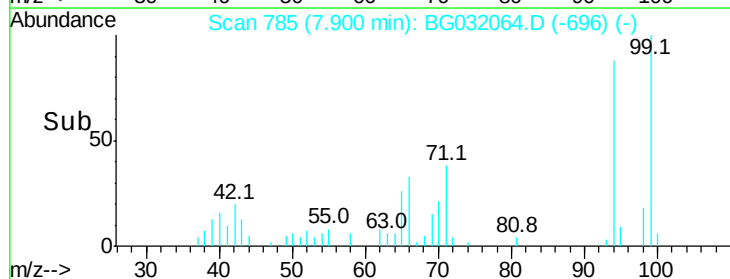
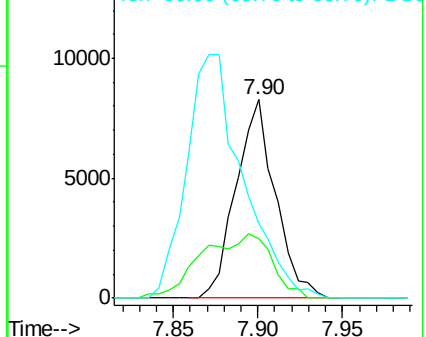
94 100

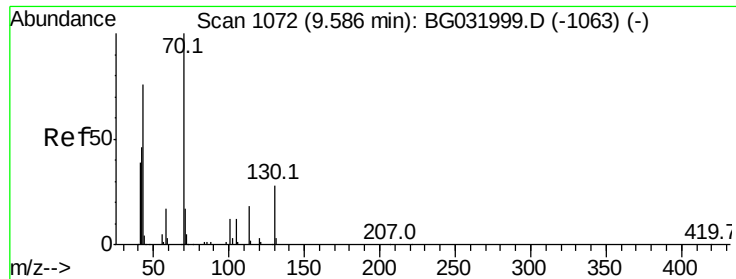
65 29.8 11.9 51.9

66 37.3 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

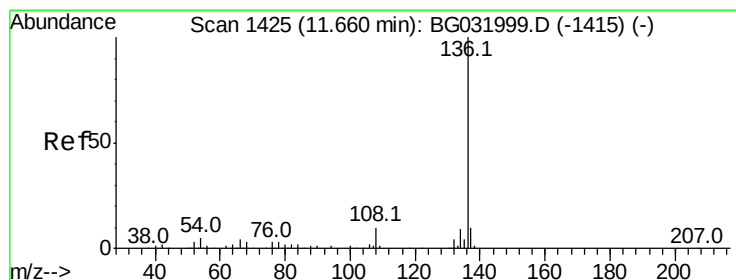
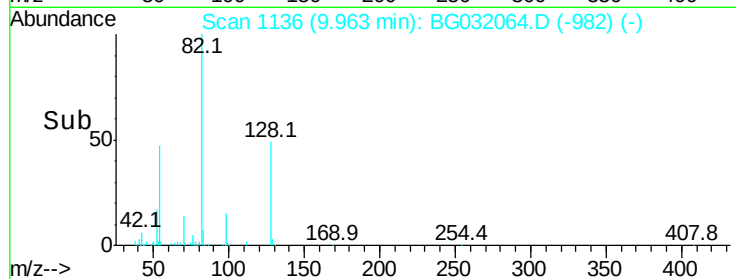
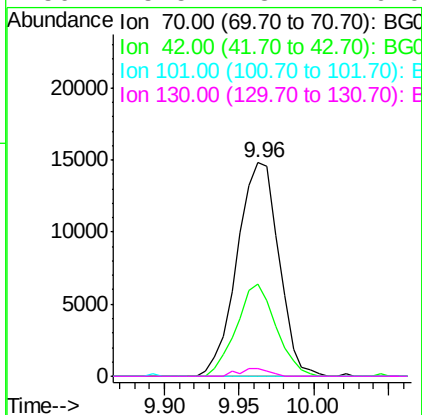
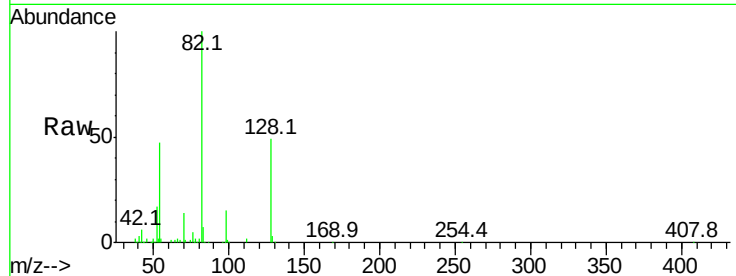




#19
n-Nitroso-di-n-propylamine
Concen: 15.727 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032064.D
Acq: 16 Jan 2018 11:43

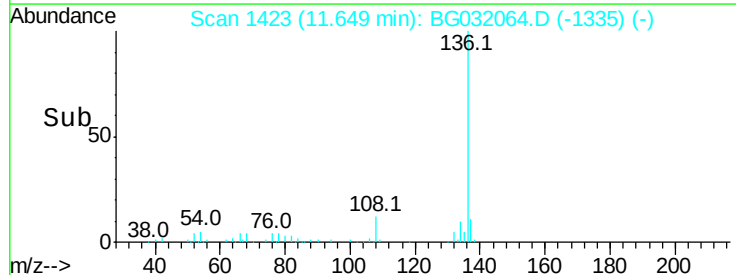
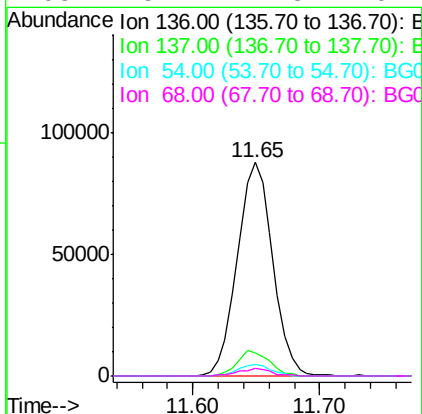
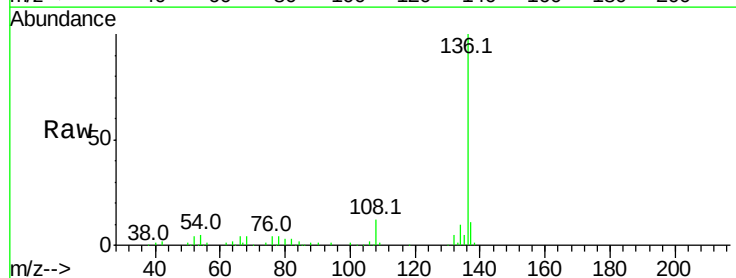
Instrument :
BNA_M
ClientSampleId :

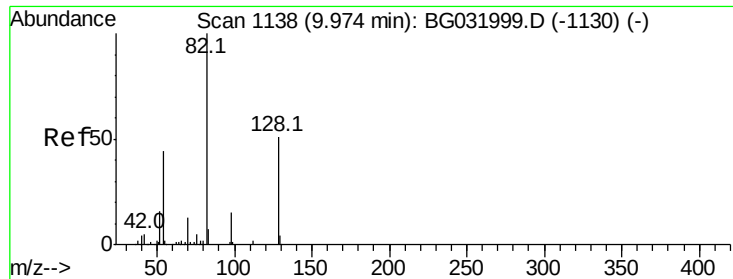
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.0	49.1	73.7#
101	0.0	8.5	12.7#
130	3.5	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032064.D
Acq: 16 Jan 2018 11:43

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.6	10.3	15.5#
68	3.7	4.5	6.7#





#23

Nitrobenzene-d5

Concen: 80.597 ng

RT: 9.96 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG032064.D

Acq: 16 Jan 2018 11:43

Instrument :

BNA_M

ClientSampleId :

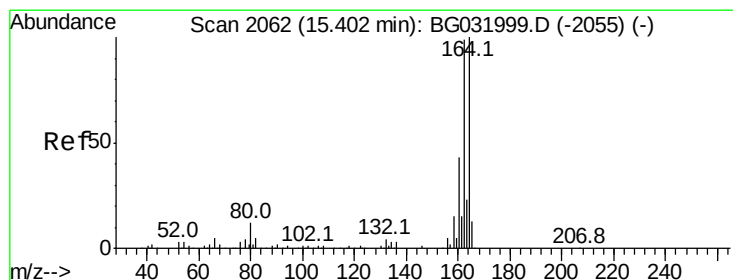
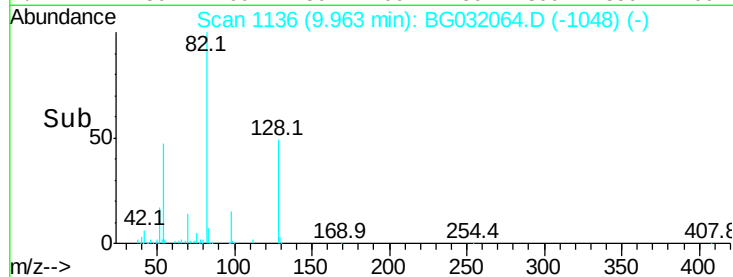
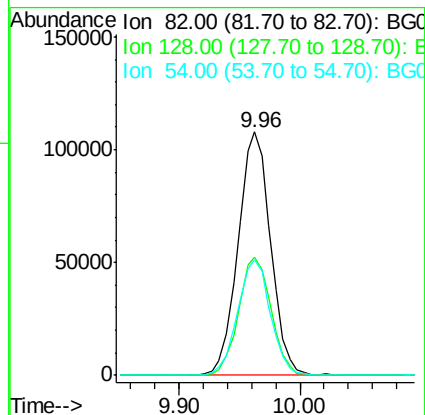
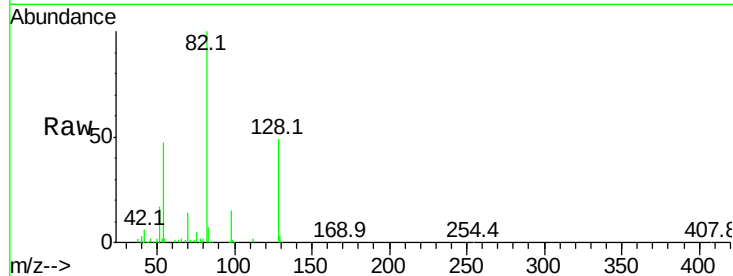
Tot Ion: 82 Resp: 202424

Ion Ratio Lower Upper

82 100

128 48.8 29.7 44.5#

54 47.3 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG032064.D

Acq: 16 Jan 2018 11:43

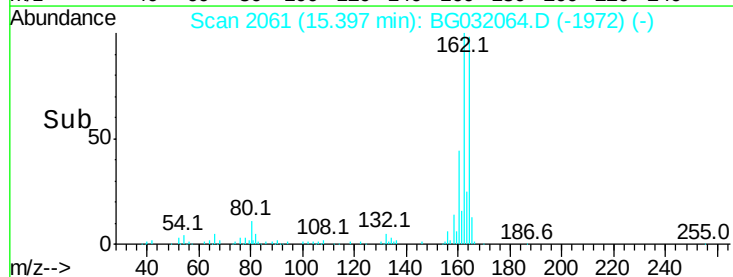
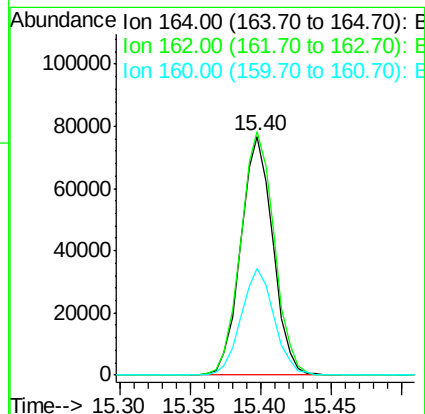
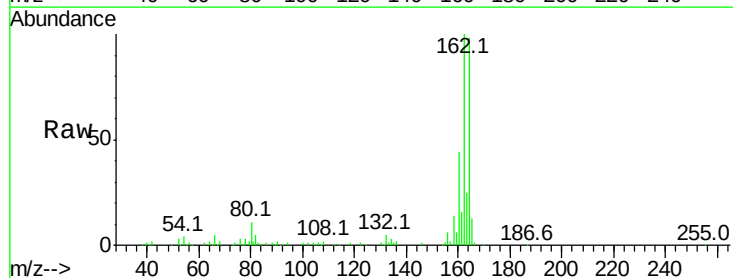
Tgt Ion:164 Resp: 121871

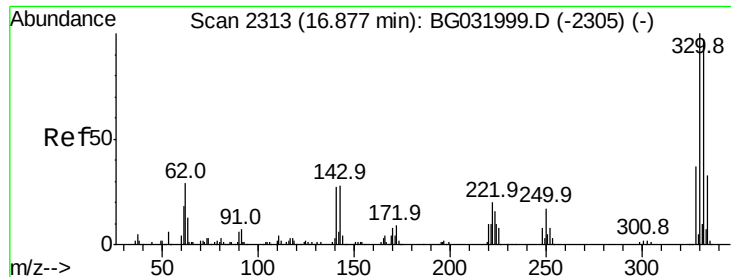
Ion Ratio Lower Upper

164 100

162 102.0 78.8 118.2

160 44.7 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 127.564 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG032064.D

Acq: 16 Jan 2018 11:43

Instrument :

BNA_M

ClientSampleId :

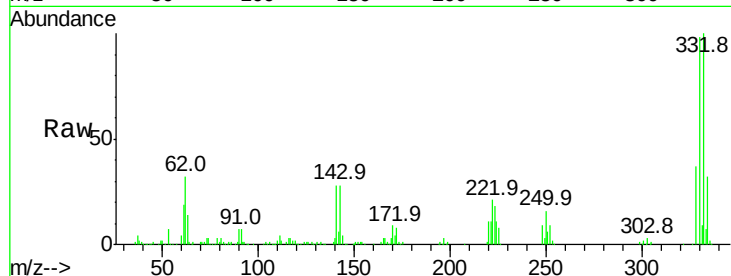
Tot Ion:330 Resp: 257255

Ion Ratio Lower Upper

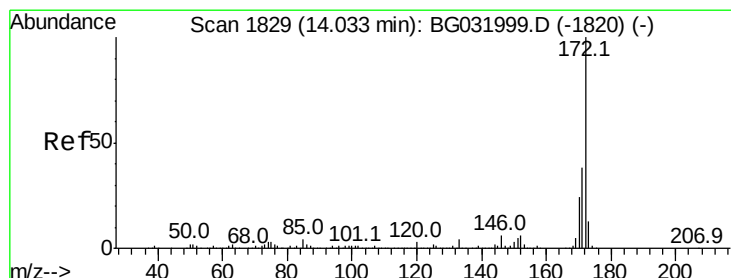
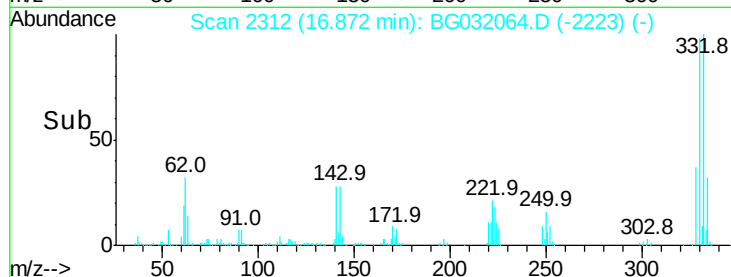
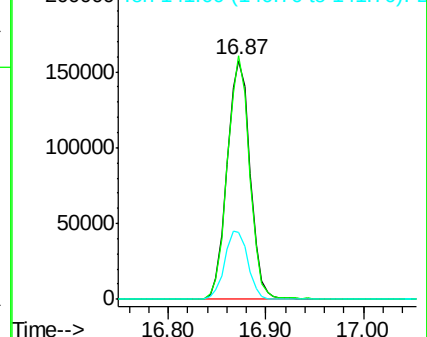
330 100

332 97.7 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: 70.576 ng

RT: 14.02 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BG032064.D

Acq: 16 Jan 2018 11:43

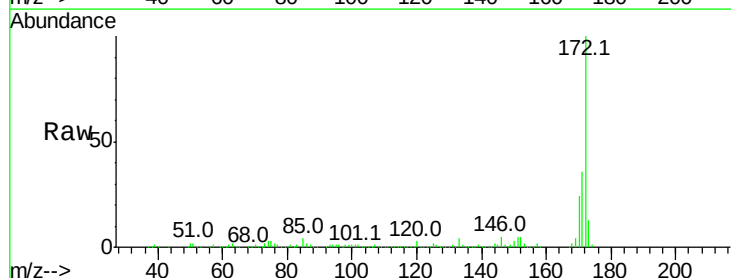
Tgt Ion:172 Resp: 693670

Ion Ratio Lower Upper

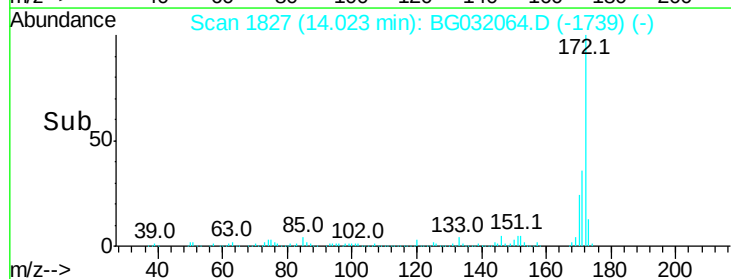
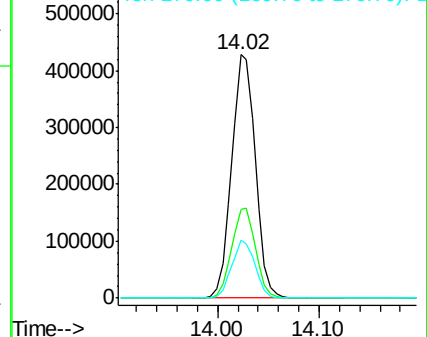
172 100

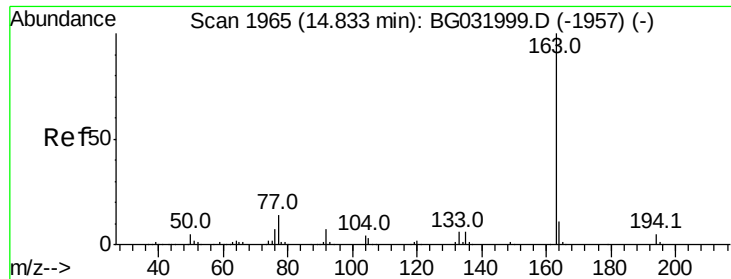
171 36.3 30.0 45.0

170 23.8 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: 9.366 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG032064.D

Acq: 16 Jan 2018 11:43

Instrument :

BNA_M

ClientSampleId :

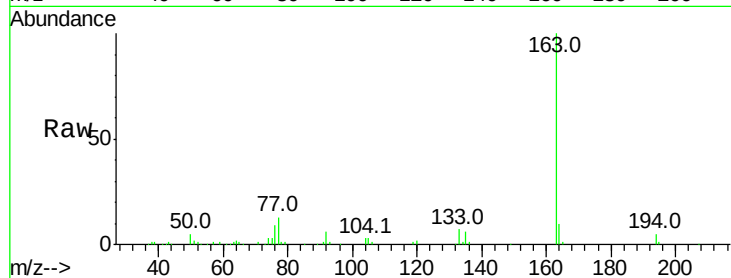
Tot Ion:163 Resp: 99887

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

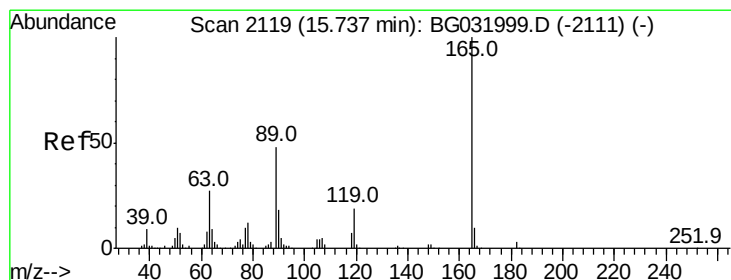
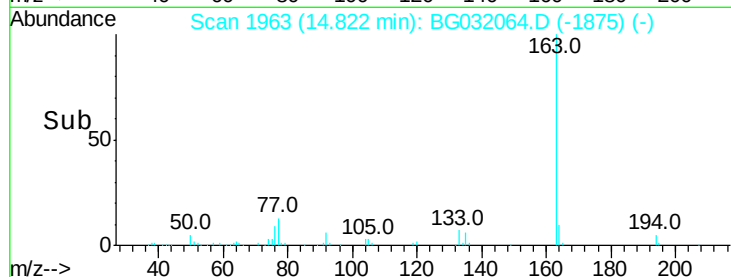
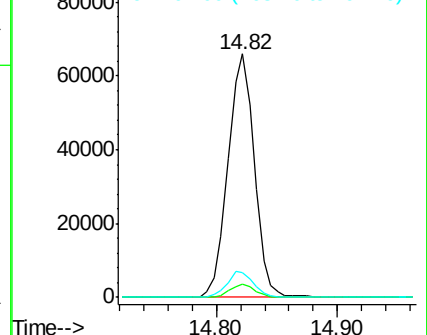
164 10.0 8.2 12.4



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: 5.413 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.34 min

Lab File: BG032064.D

Acq: 16 Jan 2018 11:43

Tgt Ion:165 Resp: 16131

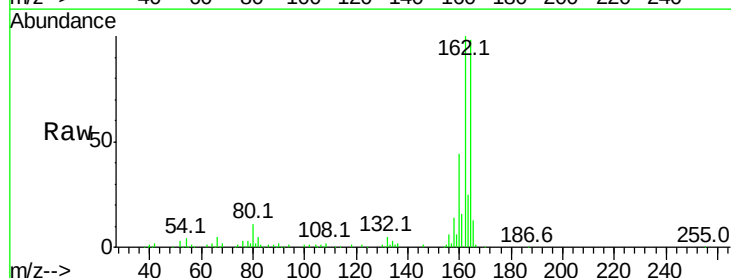
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 3.1 66.9 100.3#

182 0.0 2.6 3.8#

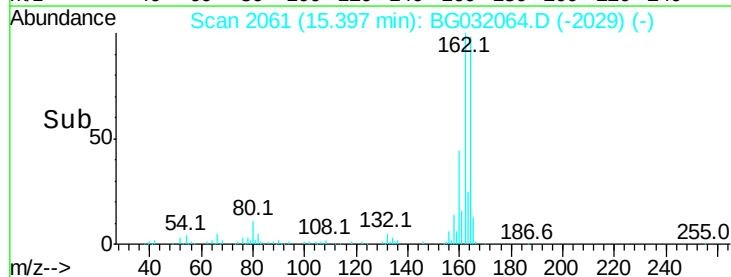
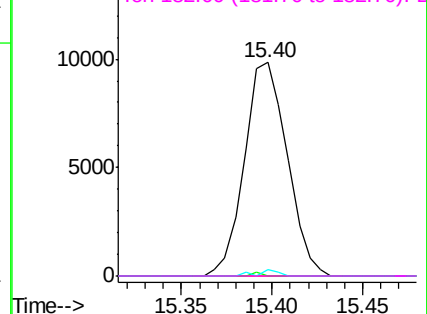


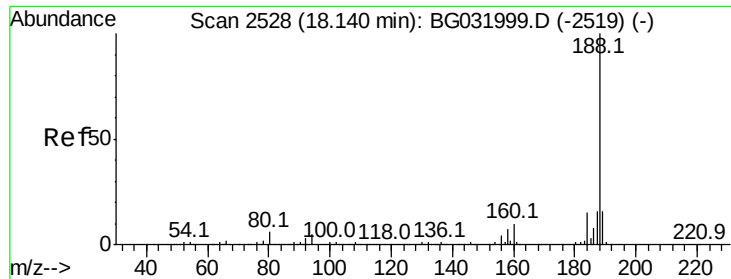
Abundance Ion 165.00 (164.70 to 165.70): E

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

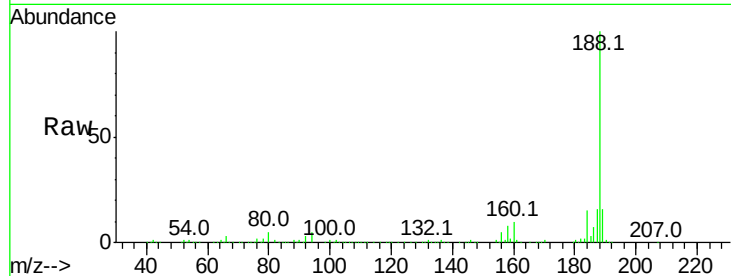




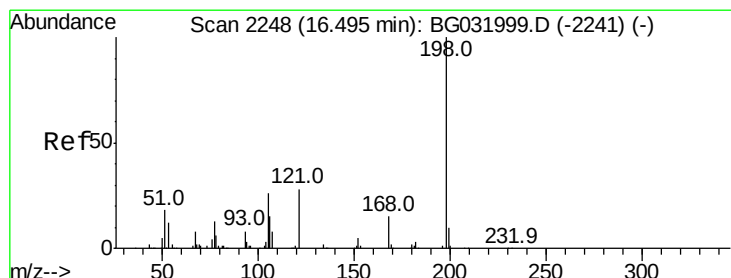
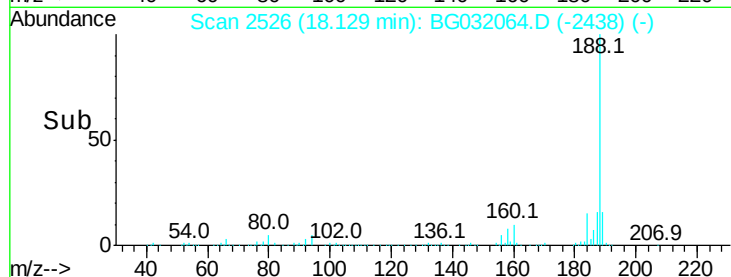
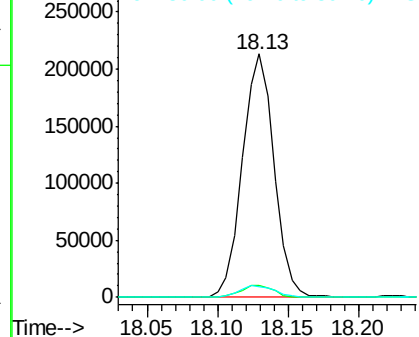
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032064.D
 Acq: 16 Jan 2018 11:43

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:188 Resp: 334444
 Ion Ratio Lower Upper
 188 100
 94 5.1 6.9 10.3#
 80 4.6 7.7 11.5#

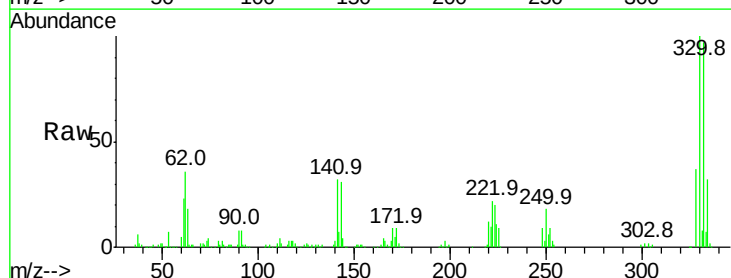


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

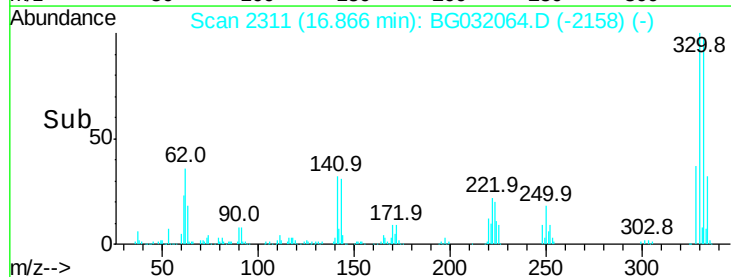
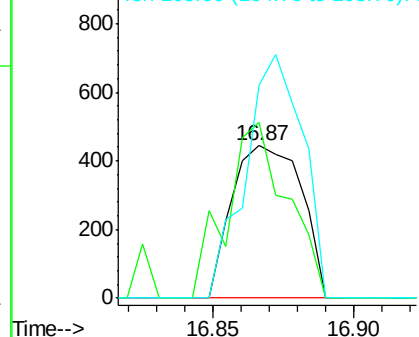


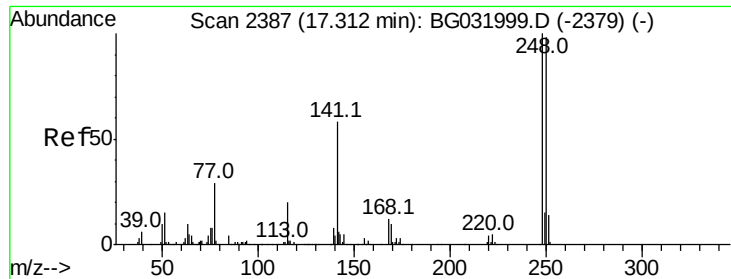
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.202 ng
 RT: 16.87 min Scan# 2311
 Delta R.T. 0.37 min
 Lab File: BG032064.D
 Acq: 16 Jan 2018 11:43

Tgt Ion:198 Resp: 756
 Ion Ratio Lower Upper
 198 100
 51 115.1 30.6 70.6#
 105 139.3 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

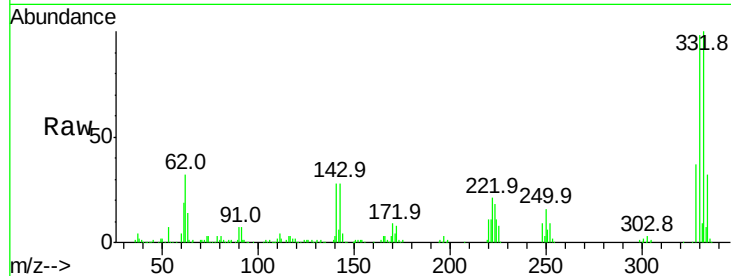




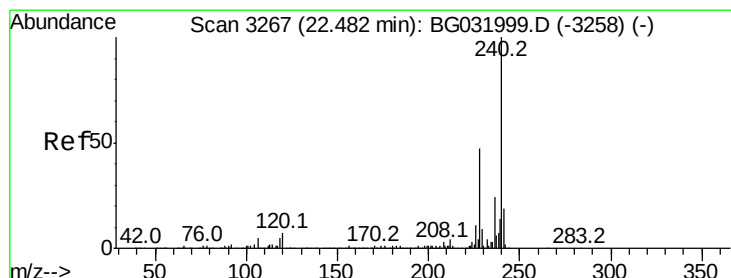
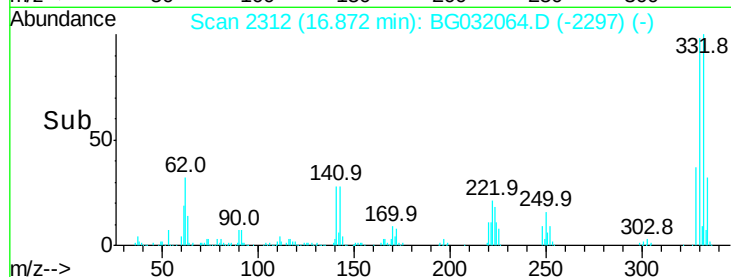
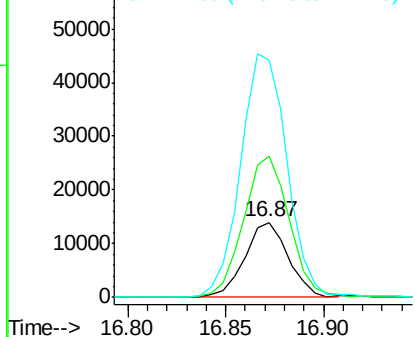
#66
 4-Bromophenyl-phenylether
 Concen: 4.484 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.44 min
 Lab File: BG032064.D
 Acq: 16 Jan 2018 11:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 21338
 Ion Ratio Lower Upper
 248 100
 250 188.4 77.1 115.7#
 141 315.6 50.8 76.2#

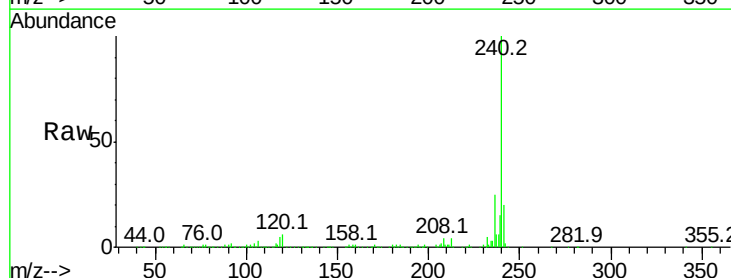


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

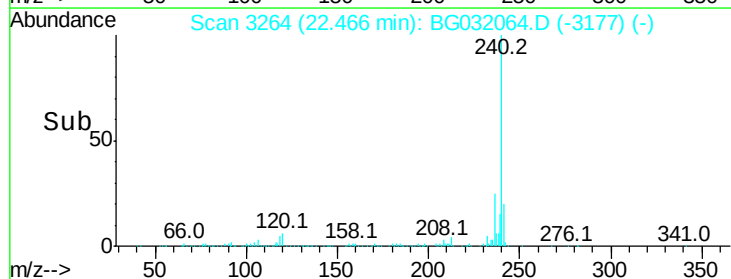
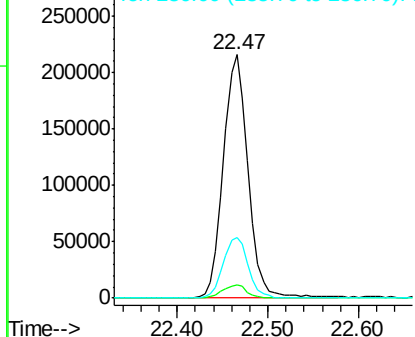


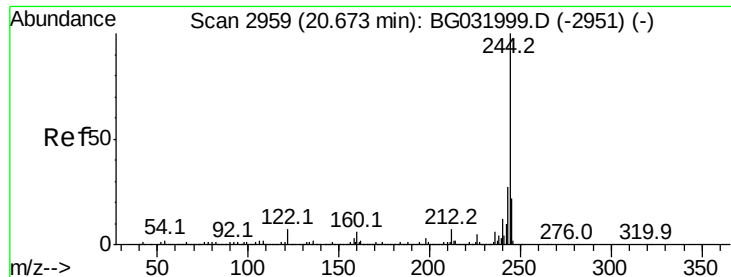
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.47 min Scan# 3264
 Delta R.T. -0.02 min
 Lab File: BG032064.D
 Acq: 16 Jan 2018 11:43

Tgt Ion:240 Resp: 408596
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 25.0 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: 72.619 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032064.D

Acq: 16 Jan 2018 11:43

Instrument :

BNA_M

ClientSampleId :

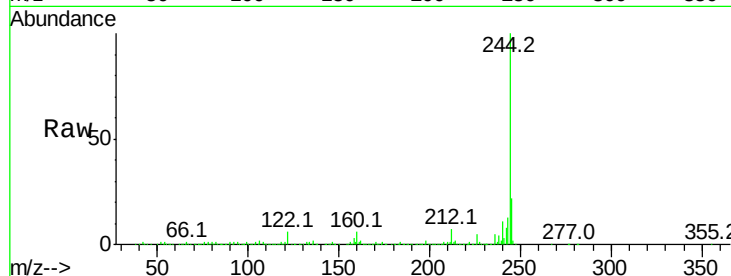
Tot Ion:244 Resp: 1343801

Ion Ratio Lower Upper

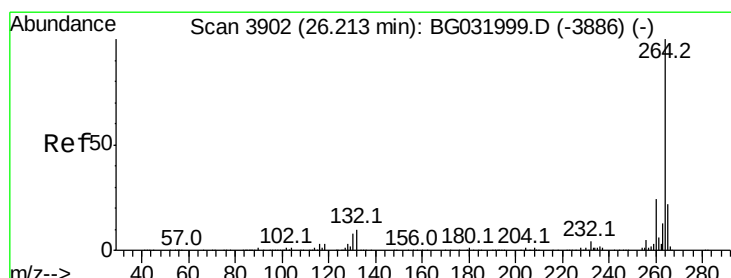
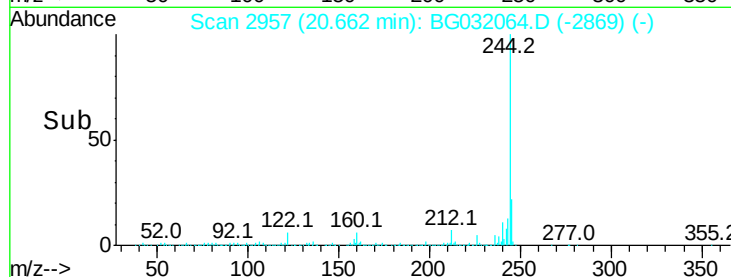
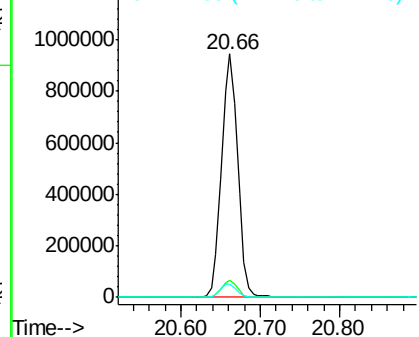
244 100

212 7.2 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: BG032064.D

Acq: 16 Jan 2018 11:43

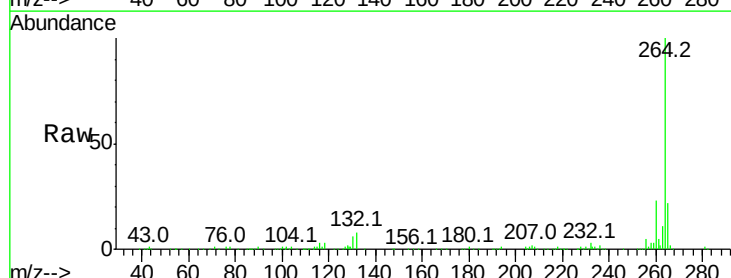
Tgt Ion:264 Resp: 420878

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.6 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

