

Data Path : U:\HPCHEM1\BNA G\DATA\BG011818\
 Data File : BG032144.D
 Acq On : 18 Jan 2018 20:09
 Operator : SJ/JU
 Sample : J1187-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 19 00:30:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	37336	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	164797	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	121686	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	355442	20.00	ng	0.00
75) Chrysene-d12	22.45	240	467237	20.00	ng	0.00
86) Perylene-d12	26.15	264	479234	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	309726	151.72	ng	0.00
7) Phenol-d6	7.85	99	405953	157.90	ng	0.00
23) Nitrobenzene-d5	9.94	82	237857	97.65	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	319793	158.82	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	823785	83.94	ng	0.00
78) Terphenyl-d14	20.65	244	1663565	78.62	ng	0.00

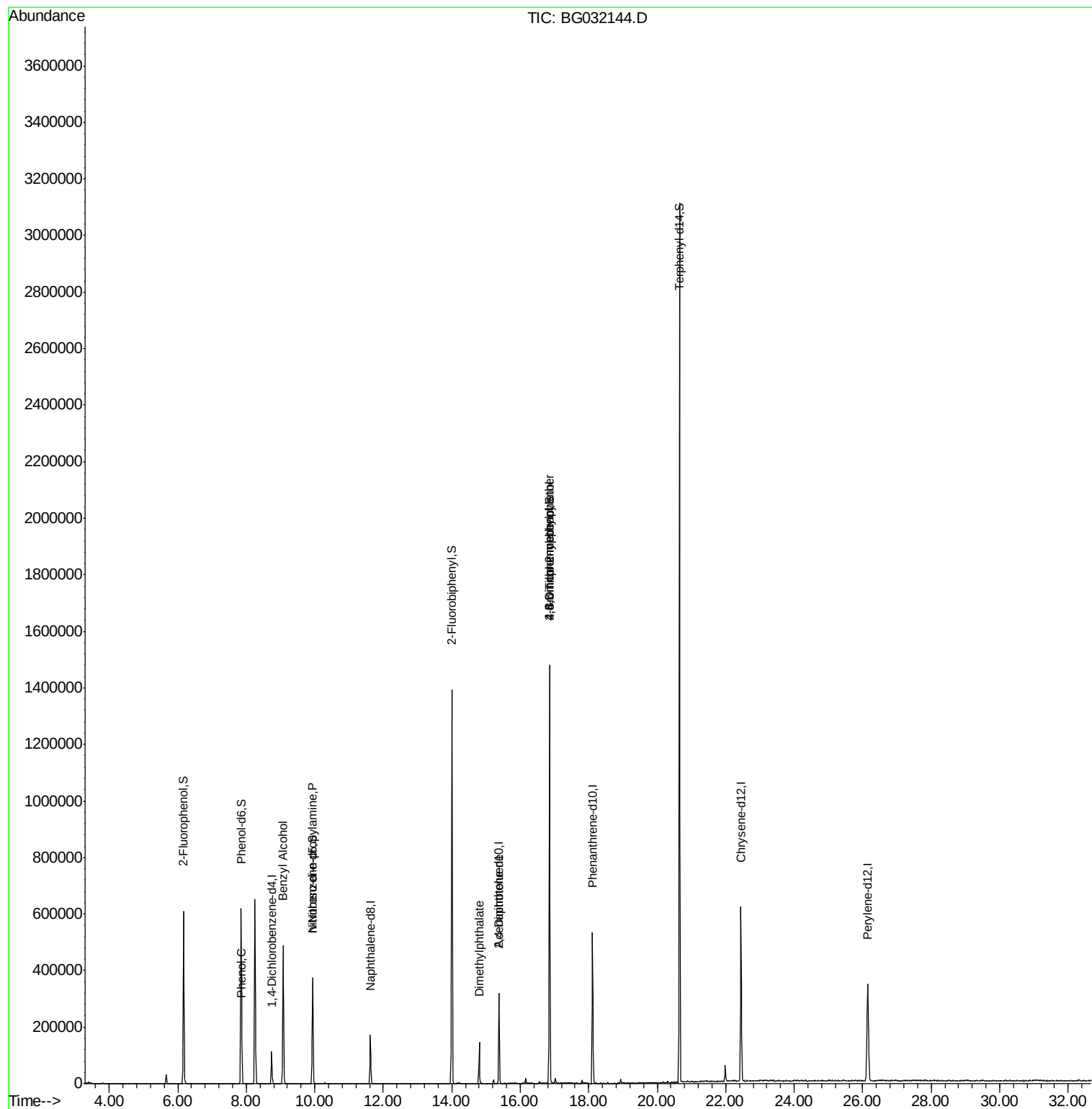
Target Compounds				Qvalue		
10) Phenol	7.88	94	14390	5.682	ng	90
15) Benzyl Alcohol	9.07	79	3759	2.013	ng	# 41
19) n-Nitroso-di-n-propylamine	9.94	70	32628	20.454	ng	# 74
49) Dimethylphthalate	14.80	163	116832	10.972	ng	# 98
56) 2,4-Dinitrotoluene	15.37	165	15716	5.281	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.86	198	806	5.203	ng	# 68
66) 4-Bromophenyl-phenylether	16.85	248	27219	5.382	ng	# 1

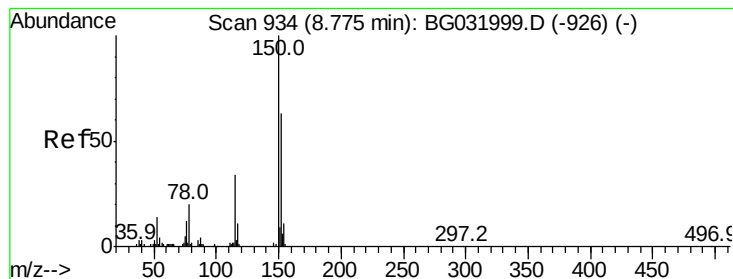
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

Instrument :

BNA_G

ClientSampleId :

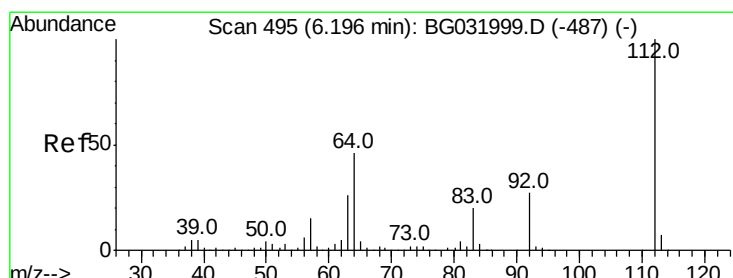
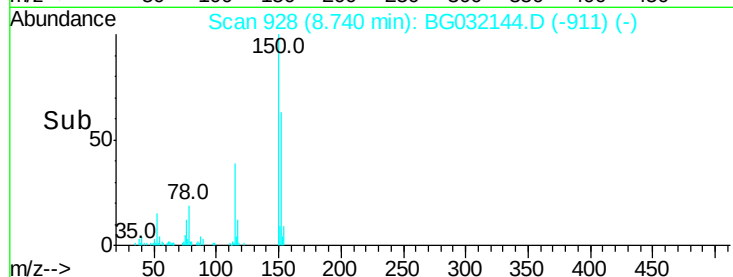
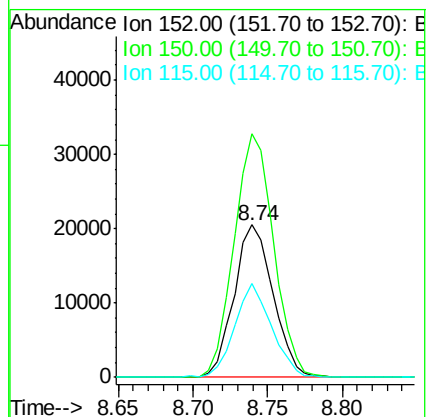
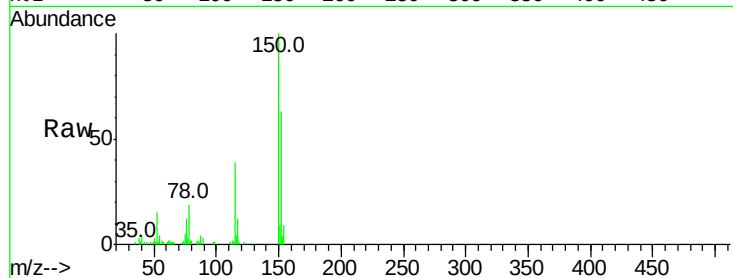
Tot Ion:152 Resp: 37336

Ion Ratio Lower Upper

152 100

150 159.5 126.6 189.8

115 61.7 53.0 79.4



#5

2-Fluorophenol

Concen: 151.722 ng

RT: 6.17 min Scan# 490

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

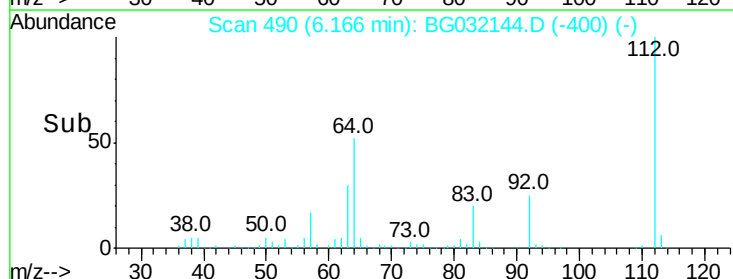
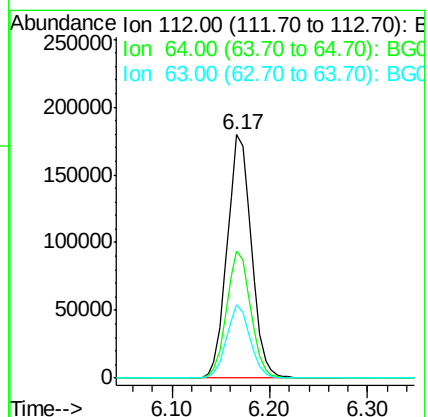
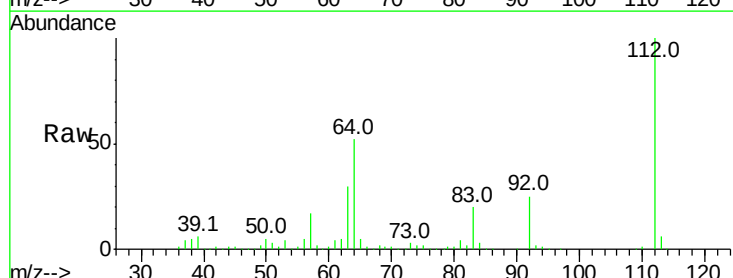
Tgt Ion:112 Resp: 309726

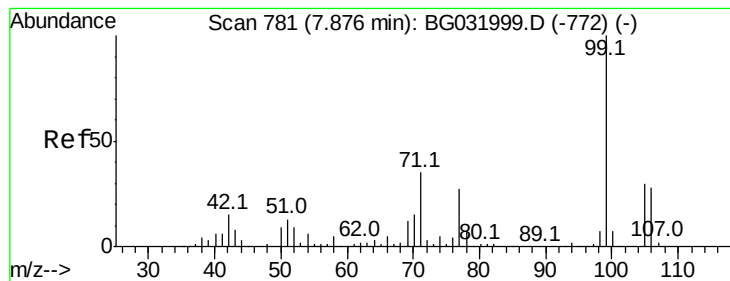
Ion Ratio Lower Upper

112 100

64 52.4 56.3 84.5#

63 30.0 30.1 45.1#





#7

Phenol-d6

Concen: 157.895 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

Instrument :

BNA_G

ClientSampled :

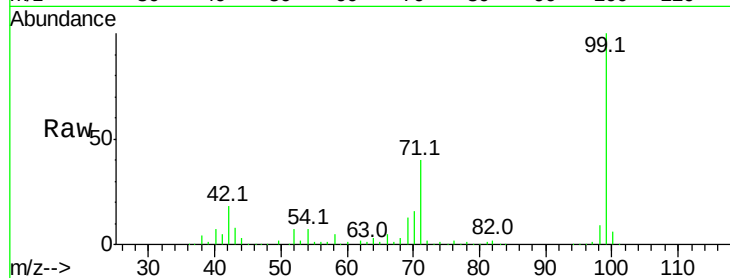
Tot Ion: 99 Resp: 405953

Ion Ratio Lower Upper

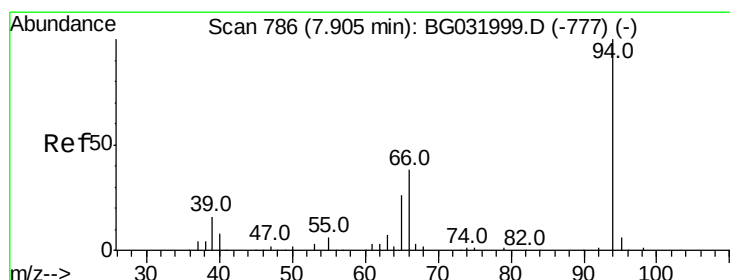
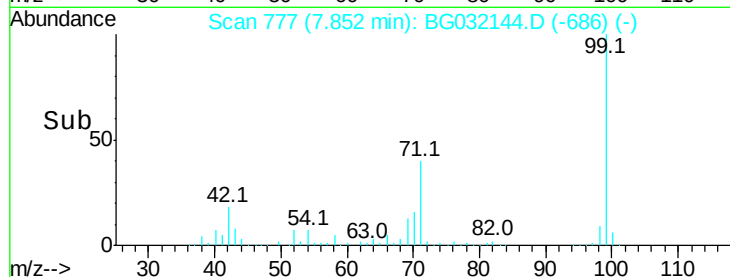
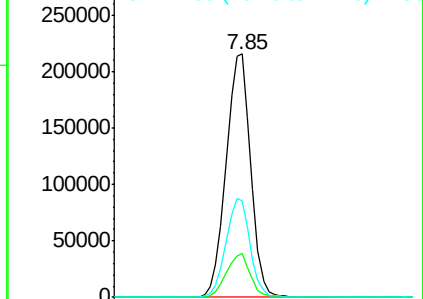
99 100

42 17.9 14.1 21.1

71 39.8 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: 5.682 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

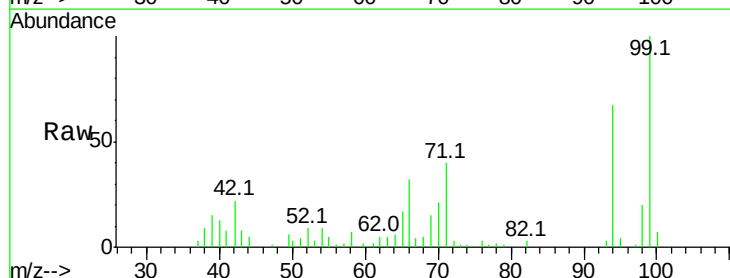
Tgt Ion: 94 Resp: 14390

Ion Ratio Lower Upper

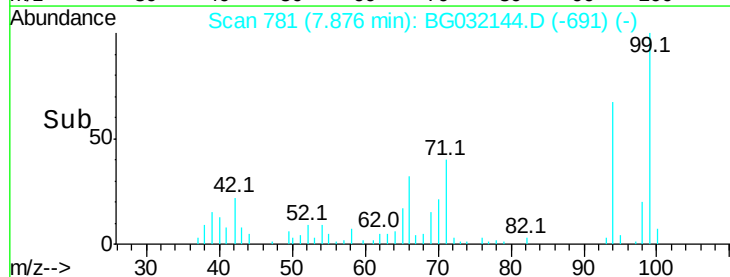
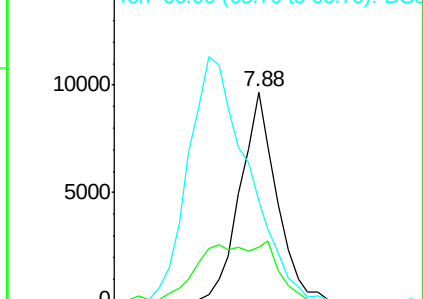
94 100

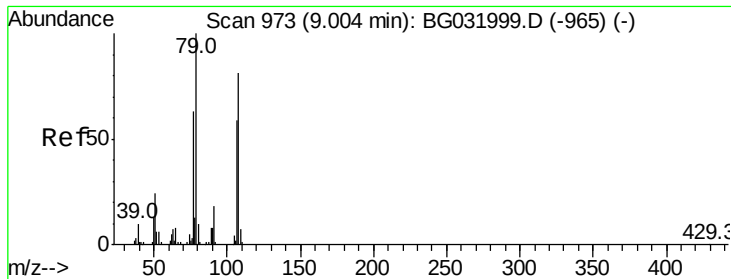
65 25.5 11.9 51.9

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





#15

Benzyl Alcohol

Concen: 2.013 ng

RT: 9.07 min Scan# 984

Delta R.T. 0.09 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

Instrument :

BNA_G

ClientSampleId :

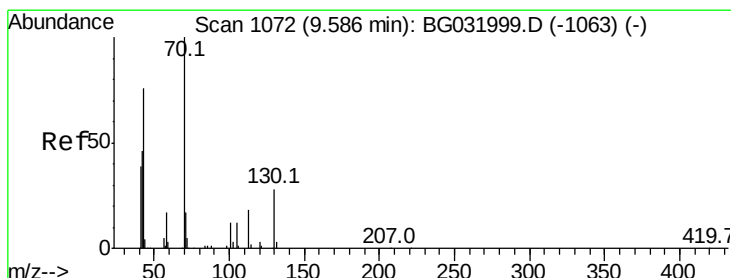
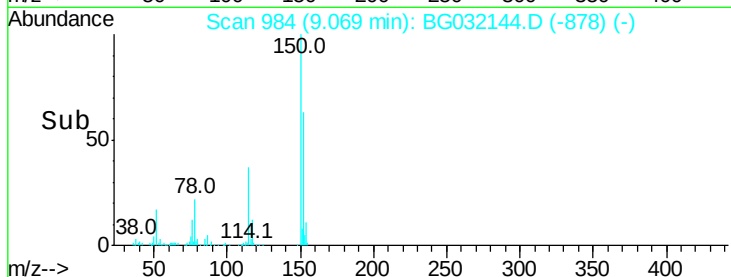
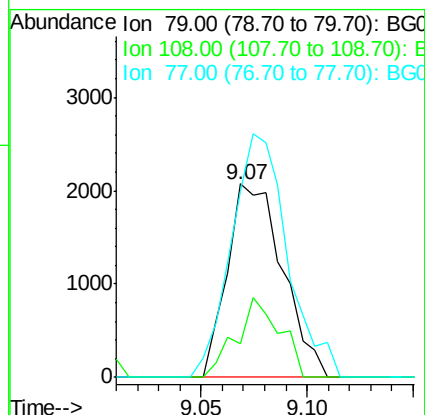
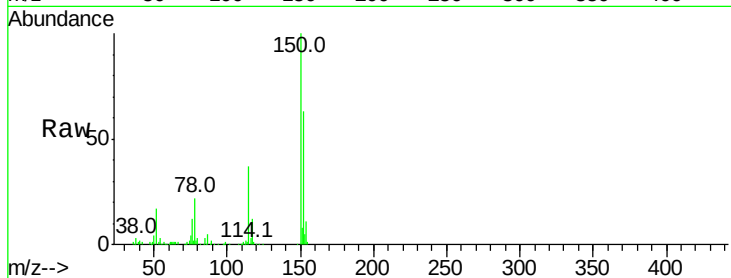
Tot Ion: 79 Resp: 3759

Ion Ratio Lower Upper

79 100

108 17.5 57.2 85.8#

77 96.3 46.1 69.1#



#19

n-Nitroso-di-n-propylamine

Concen: 20.454 ng

RT: 9.94 min Scan# 1132

Delta R.T. 0.38 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

Tgt Ion: 70 Resp: 32628

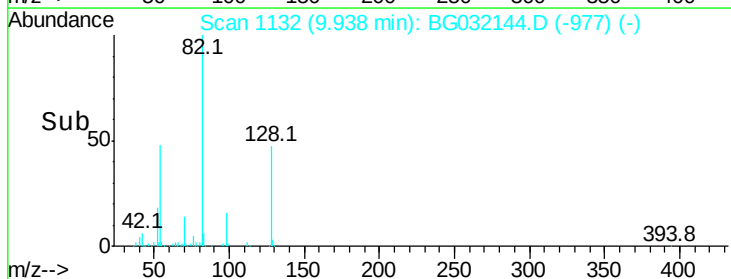
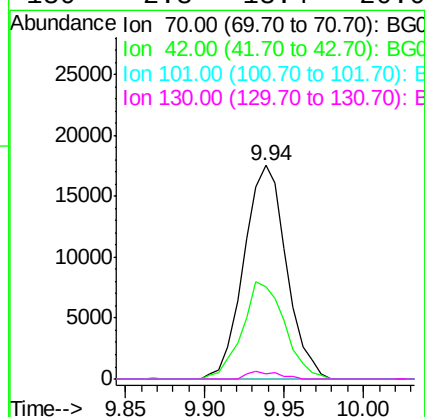
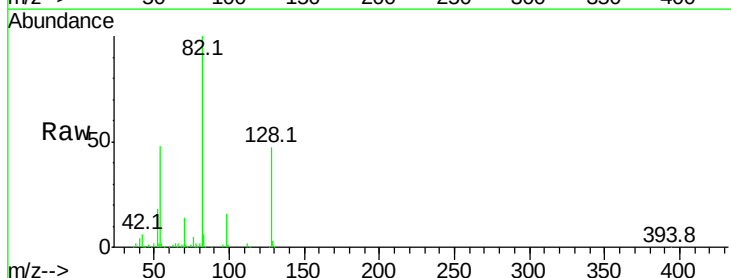
Ion Ratio Lower Upper

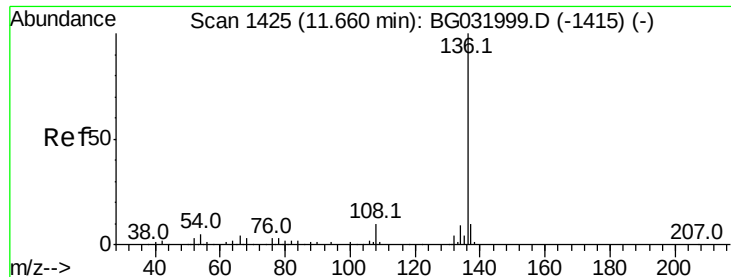
70 100

42 43.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.62 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 164797

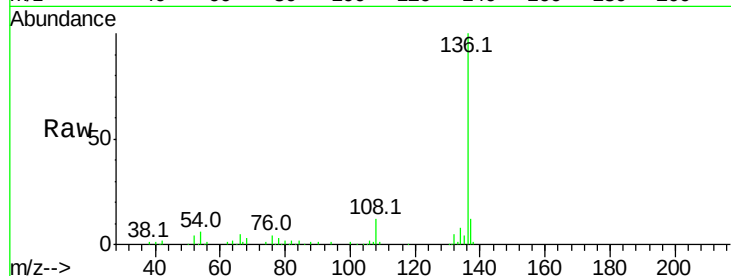
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 5.6 10.3 15.5#

68 2.6 4.5 6.7#

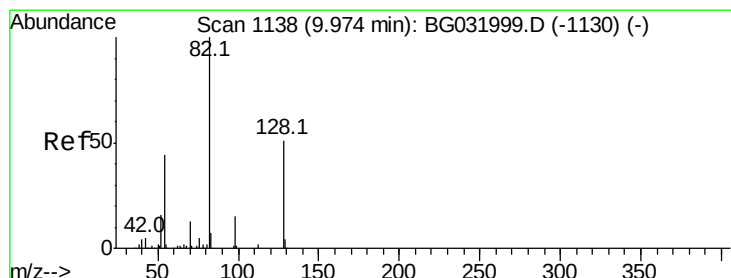
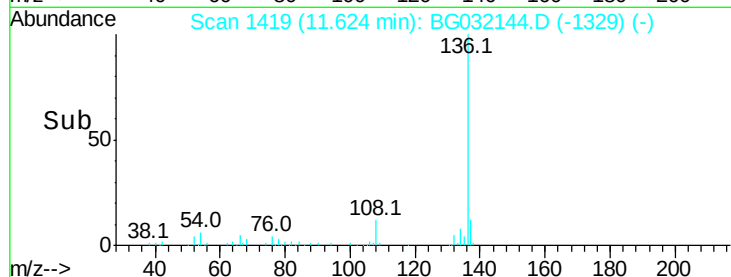
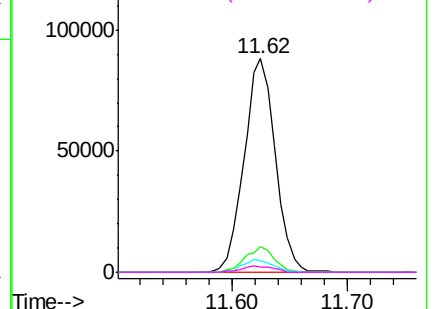


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 97.648 ng

RT: 9.94 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

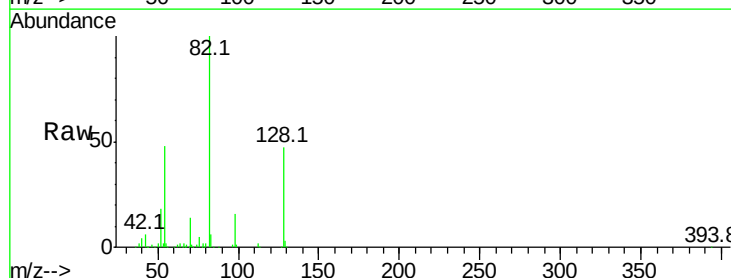
Tgt Ion: 82 Resp: 237857

Ion Ratio Lower Upper

82 100

128 47.0 29.7 44.5#

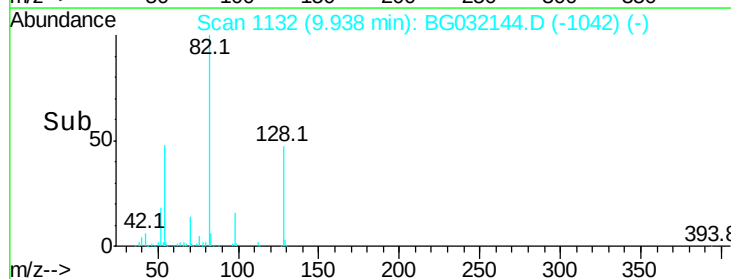
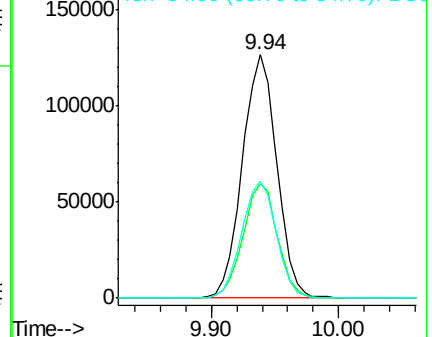
54 48.0 43.1 64.7

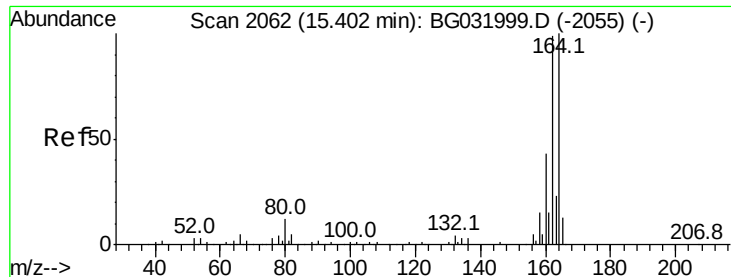


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

Instrument :

BNA_G

ClientSampleId :

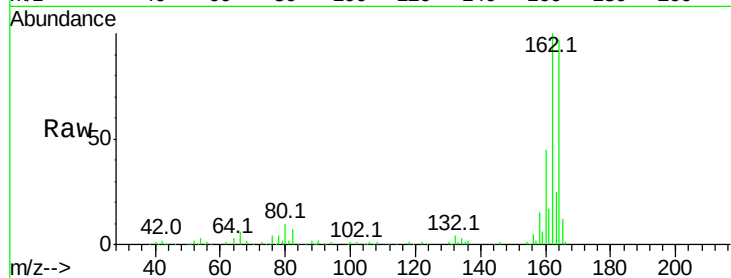
Tot Ion:164 Resp: 121686

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

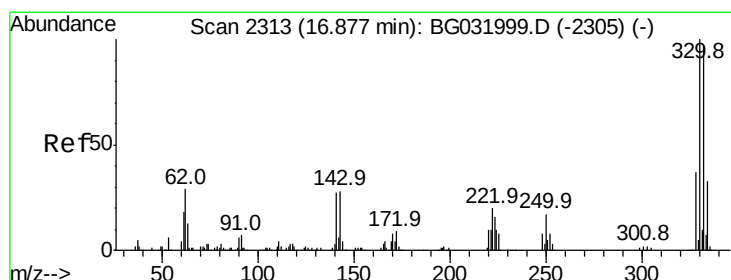
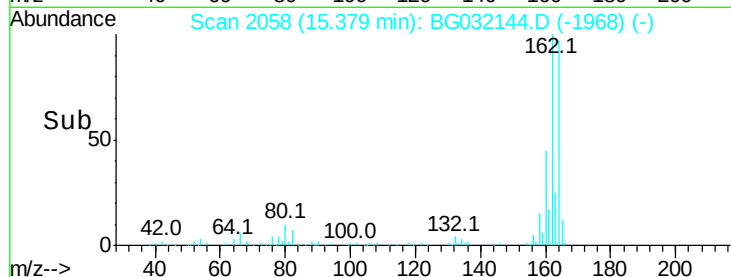
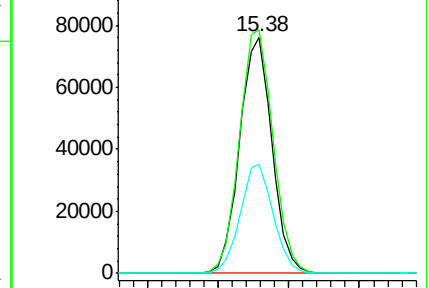
160 45.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 158.815 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

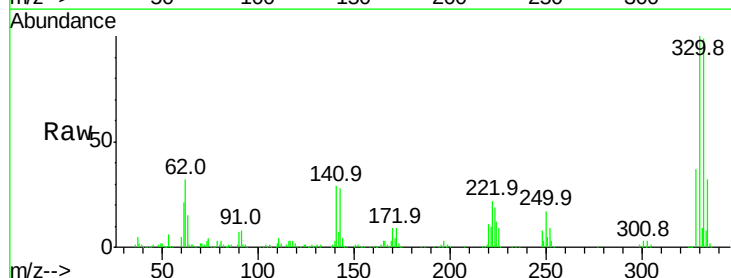
Tgt Ion:330 Resp: 319793

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

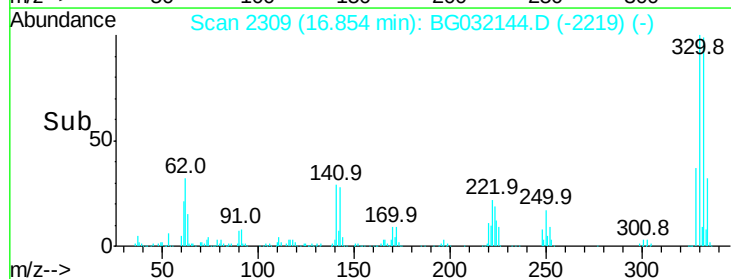
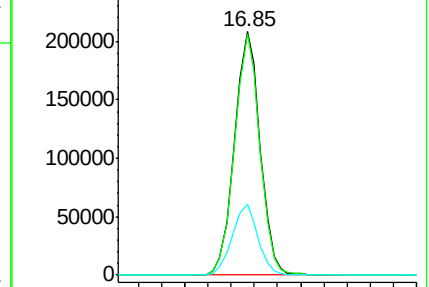
141 29.0 25.2 37.8

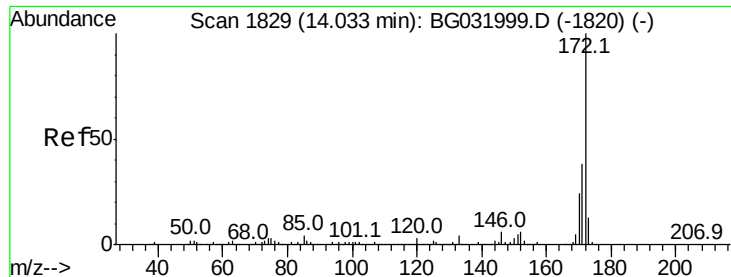


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

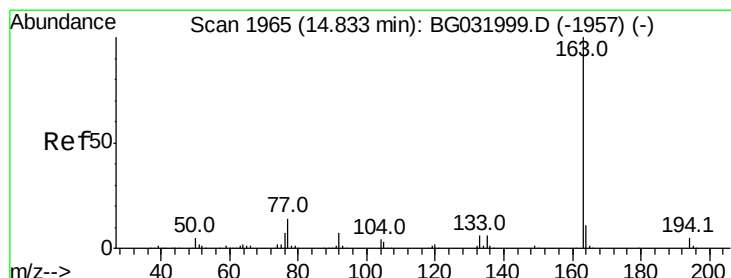
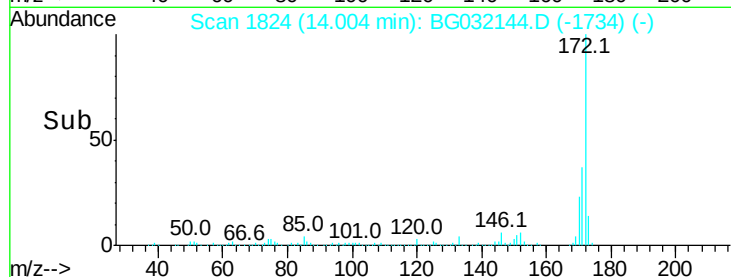
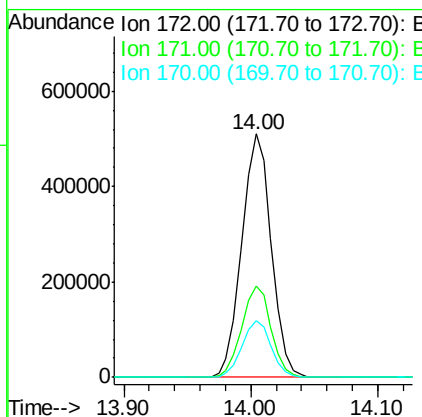
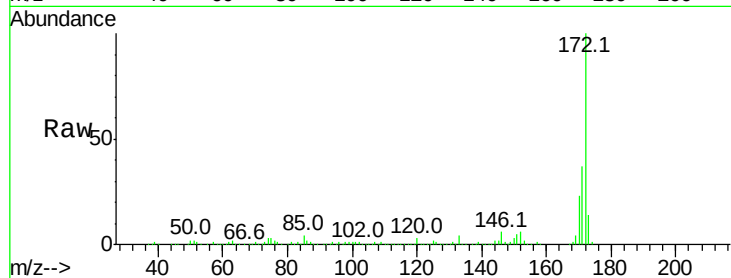




#44
2-Fluorobiphenyl
Concen: 83.942 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032144.D
Acq: 18 Jan 2018 20:09

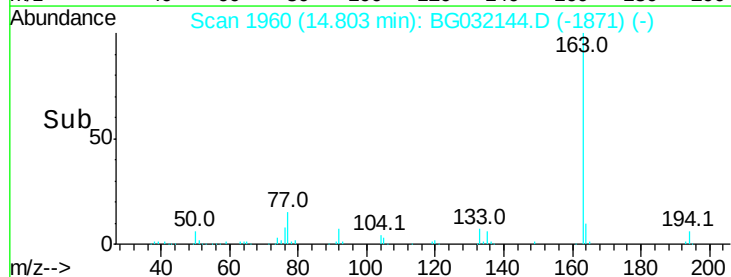
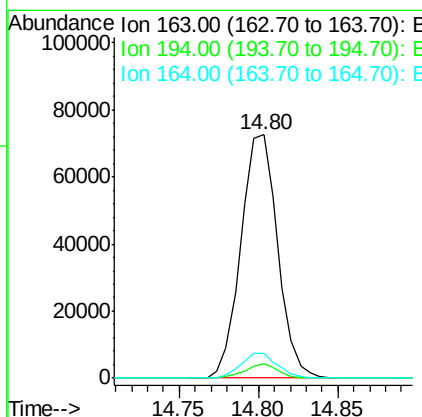
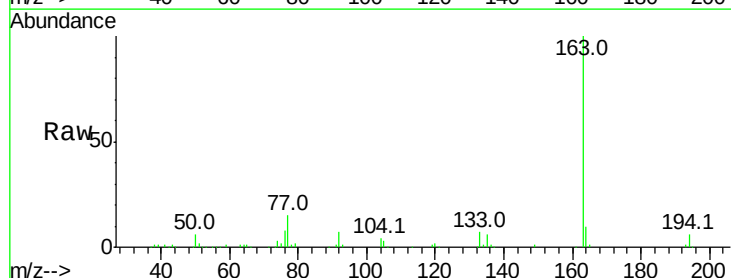
Instrument :
BNA_G
ClientSampleId :

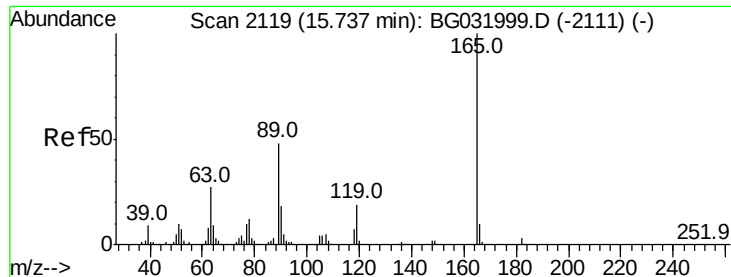
Tot Ion:172 Resp: 823785
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 23.2 19.5 29.3



#49
Dimethylphthalate
Concen: 10.972 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG032144.D
Acq: 18 Jan 2018 20:09

Tgt Ion:163 Resp: 116832
Ion Ratio Lower Upper
163 100
194 6.0 3.4 5.2#
164 10.3 8.2 12.4

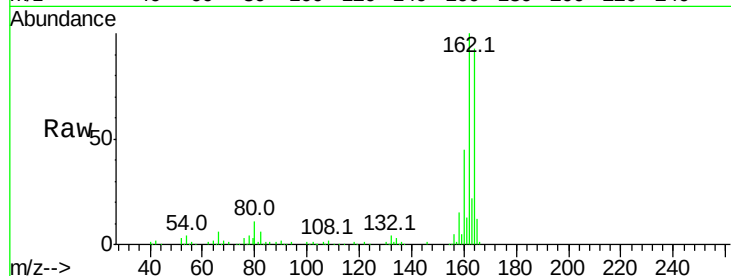




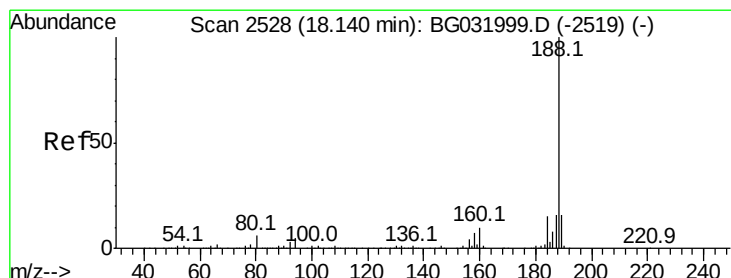
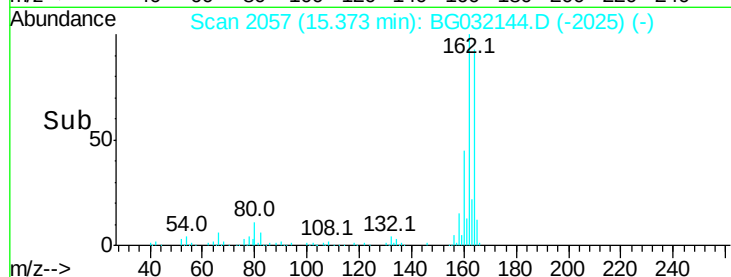
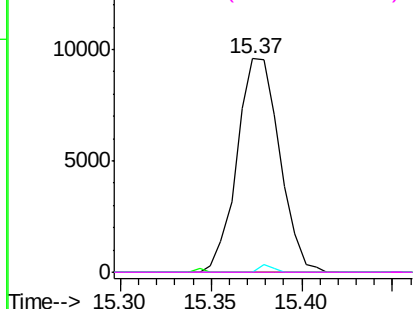
#56
2,4-Dinitrotoluene
Concen: 5.281 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.34 min
Lab File: BG032144.D
Acq: 18 Jan 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 15716
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#

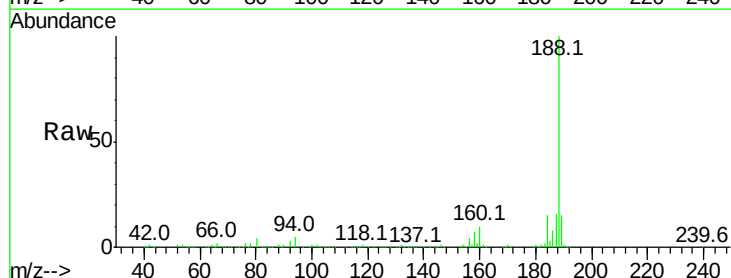


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

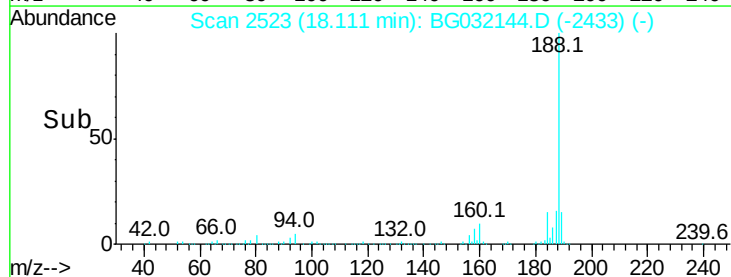
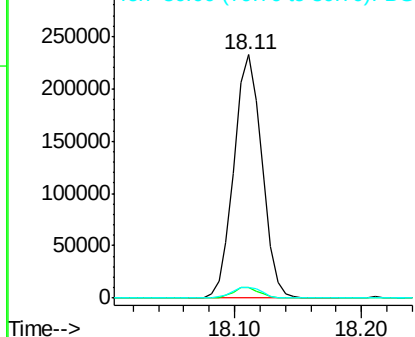


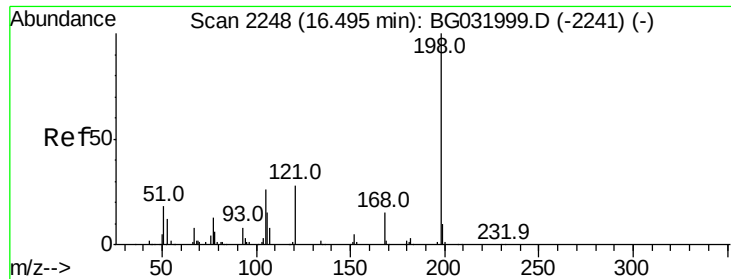
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032144.D
Acq: 18 Jan 2018 20:09

Tgt Ion:188 Resp: 355442
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 4.4 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

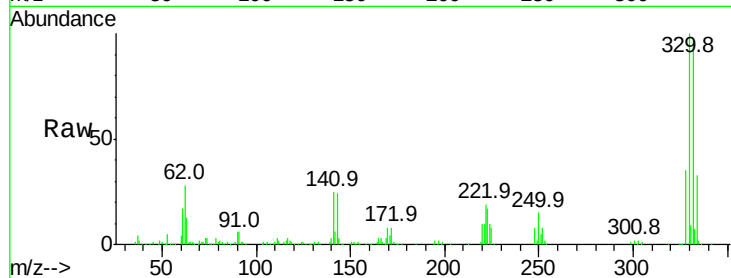




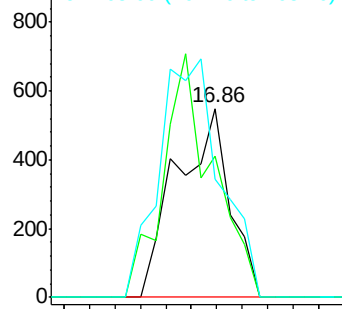
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.203 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. 0.39 min
 Lab File: BG032144.D
 Acq: 18 Jan 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :

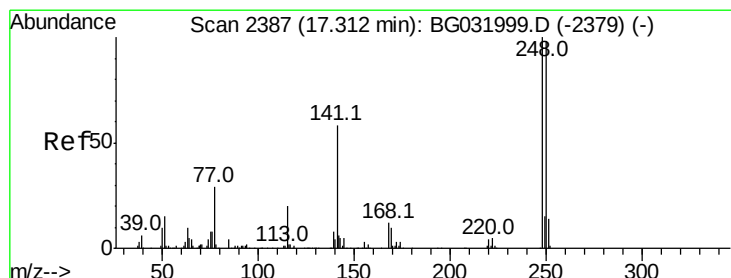
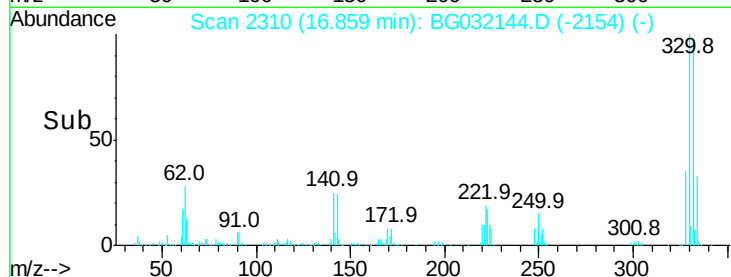
Tot Ion	198	Resp	806
Ion Ratio	100	Lower	Upper
51	74.7	30.6	70.6#
105	62.4	23.8	63.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

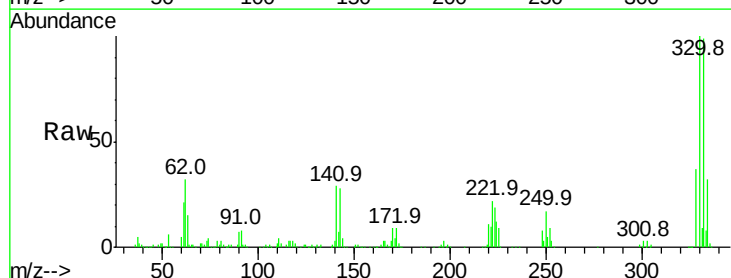


Time--> 16.80 16.85 16.90

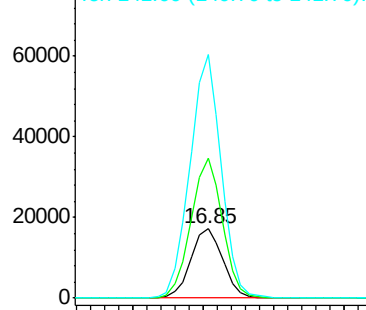


#66
 4-Bromophenyl-phenylether
 Concen: 5.382 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.44 min
 Lab File: BG032144.D
 Acq: 18 Jan 2018 20:09

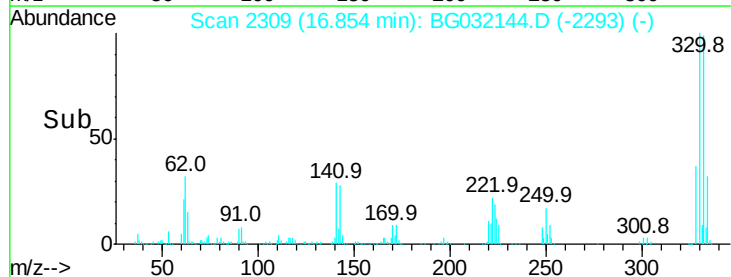
Tgt Ion	248	Resp	27219
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
250	202.6	77.1	115.7#
141	351.1	50.8	76.2#

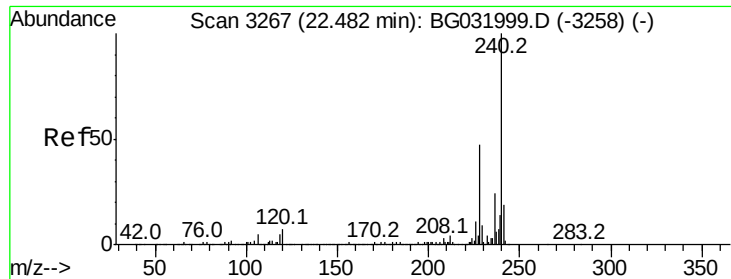


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time--> 16.80 16.85 16.90 16.95





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

Instrument :

BNA_G

ClientSampleId :

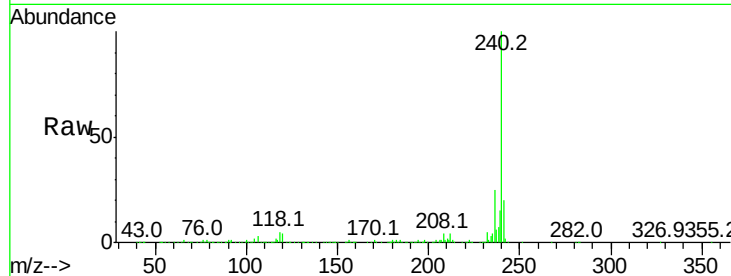
Tot Ion:240 Resp: 467237

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

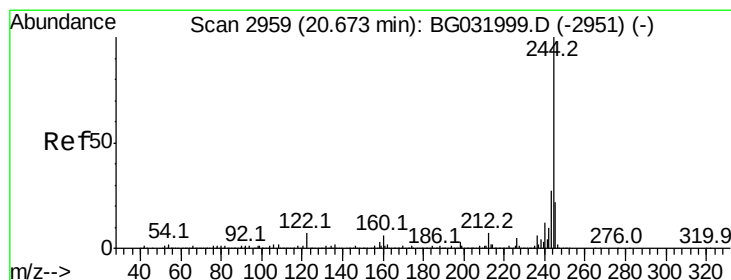
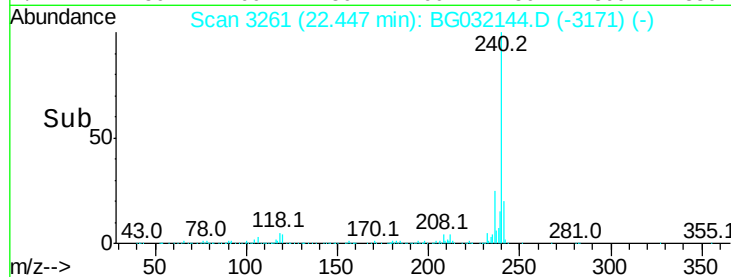
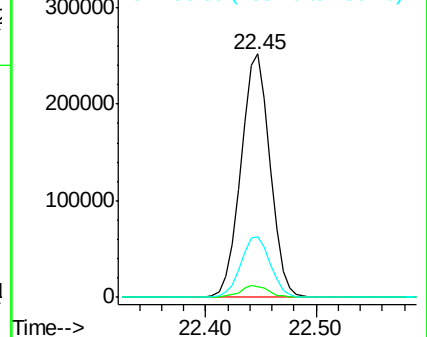
236 24.8 20.9 31.3



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: 78.616 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032144.D

Acq: 18 Jan 2018 20:09

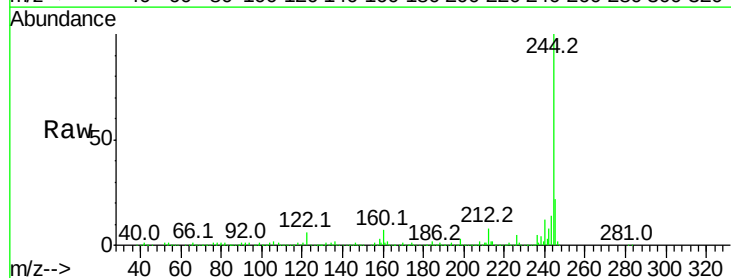
Tgt Ion:244 Resp: 1663565

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

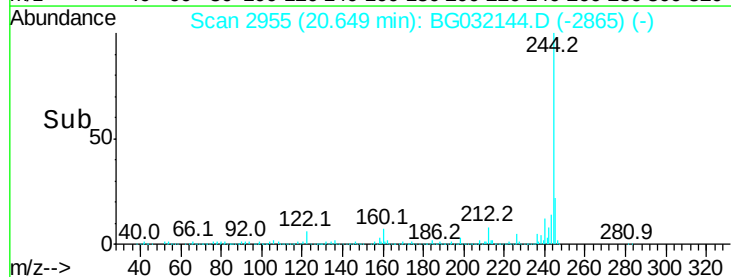
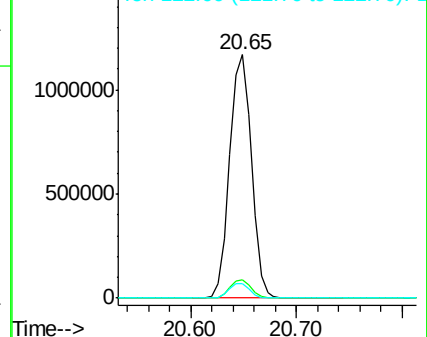
122 6.1 7.0 10.4#

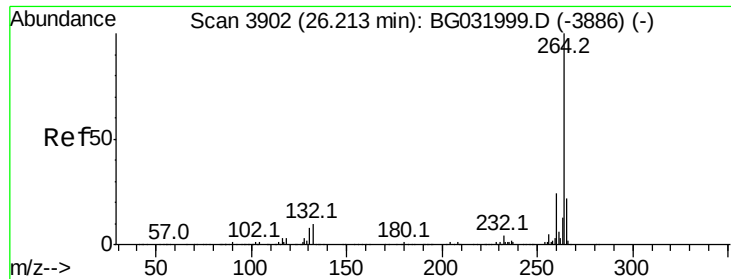


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.15 min Scan# 3891
 Delta R.T. -0.00 min
 Lab File: BG032144.D
 Acq: 18 Jan 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.0	17.7	26.5

