

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
 Data File : BG032019.D
 Acq On : 13 Jan 2018 1:40
 Operator : SJ/JU
 Sample : J1106-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 13 04:38:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

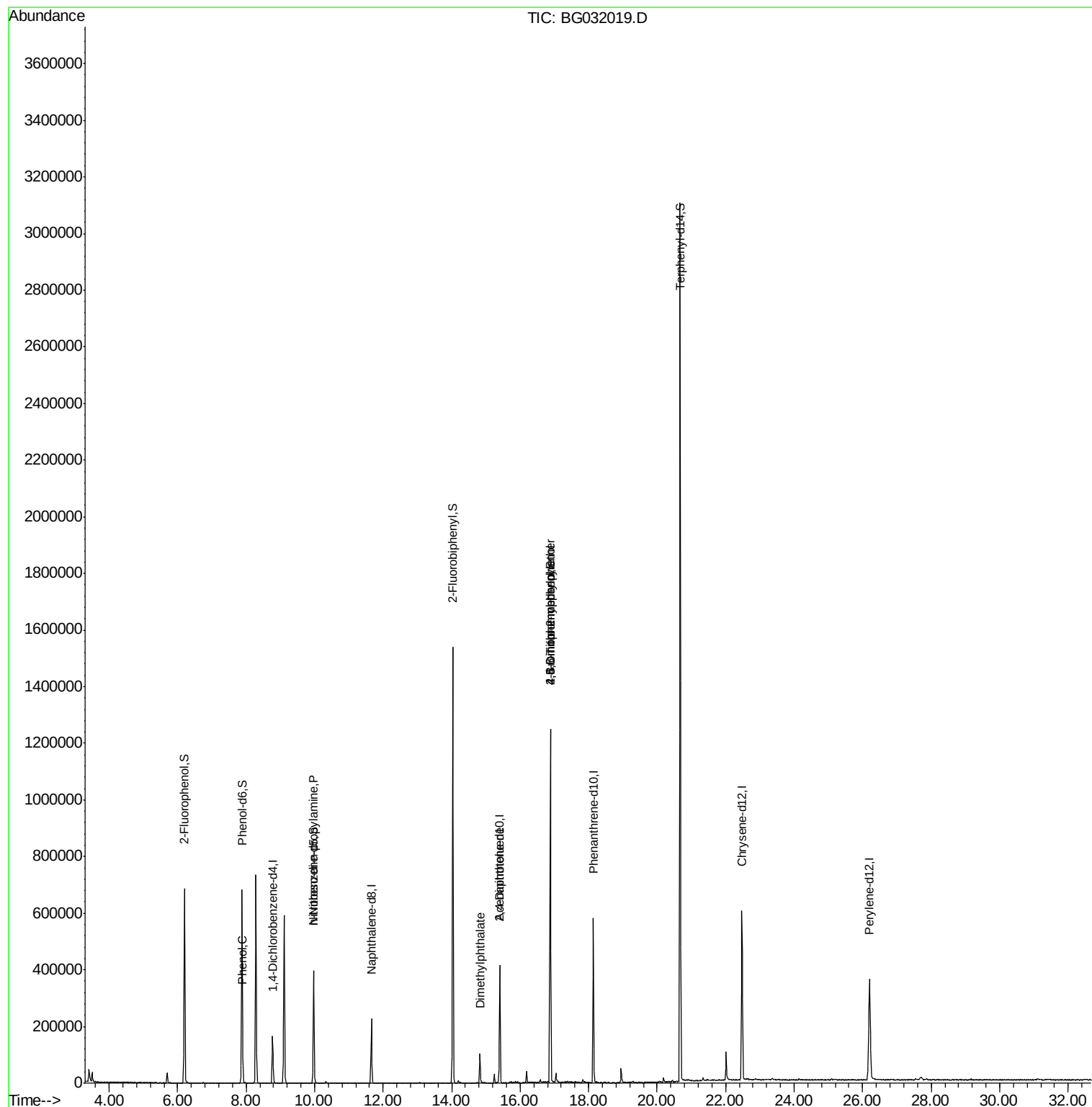
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	57419	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	230053	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	158386	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	405823	20.00	ng	0.00
75) Chrysene-d12	22.47	240	465296	20.00	ng	0.00
86) Perylene-d12	26.20	264	493101	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	378107	120.44	ng	0.00
7) Phenol-d6	7.88	99	468879	118.58	ng	0.00
23) Nitrobenzene-d5	9.97	82	262699	77.25	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	309800	118.20	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	935978	73.27	ng	0.00
78) Terphenyl-d14	20.67	244	1673468	79.41	ng	0.00
Target Compounds						
10) Phenol	7.90	94	14719	3.779	ng	93
19) n-Nitroso-di-n-propylamine	9.96	70	34559	14.087	ng	# 69
49) Dimethylphthalate	14.83	163	81528	5.882	ng	# 94
56) 2,4-Dinitrotoluene	15.41	165	20766	5.361	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.87	198	863	5.183	ng	# 21
66) 4-Bromophenyl-phenylether	16.88	248	24696	4.277	ng	# 1

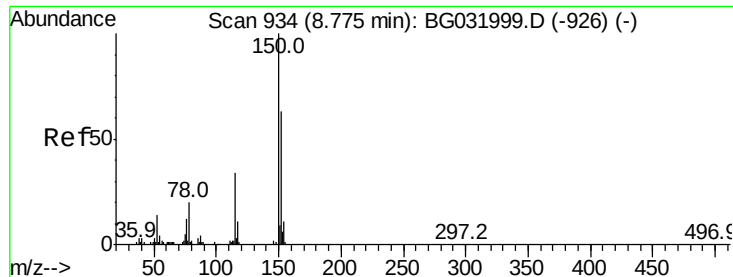
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
Data File : BG032019.D
Acq On : 13 Jan 2018 1:40
Operator : SJ/JU
Sample : J1106-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 13 04:38:39 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration



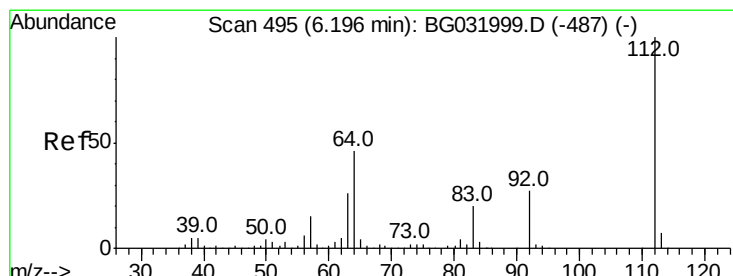
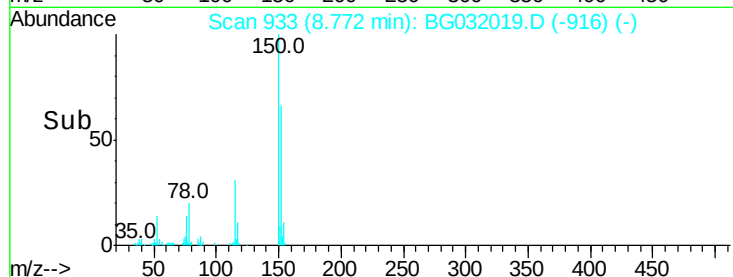
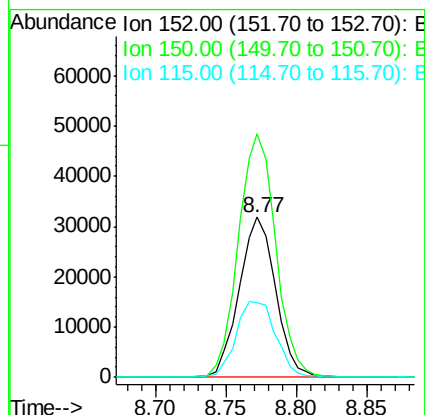
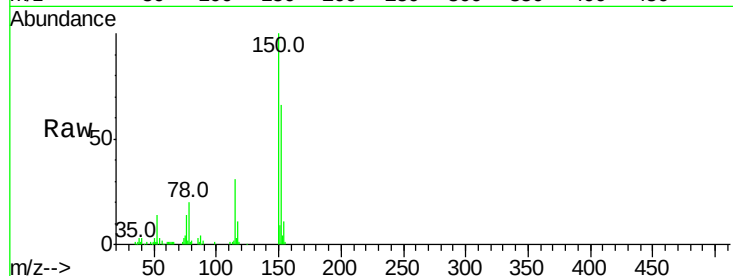


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

Instrument :
BNA_G
ClientSampleId :

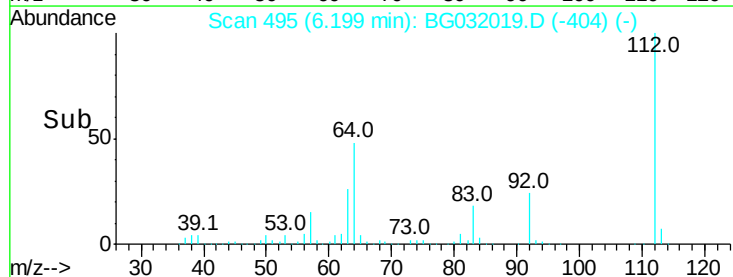
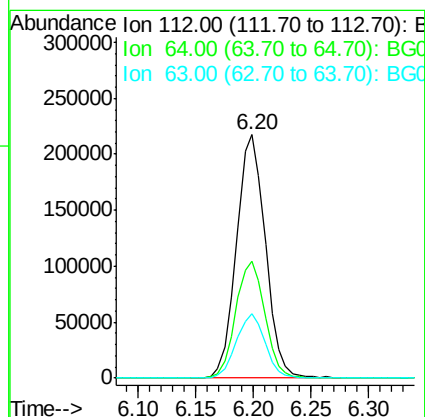
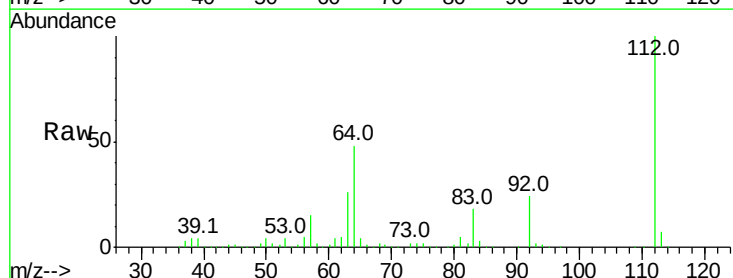
Tot Ion:152 Resp: 57419
Ion Ratio Lower Upper
152 100
150 152.3 126.6 189.8
115 46.8 53.0 79.4#

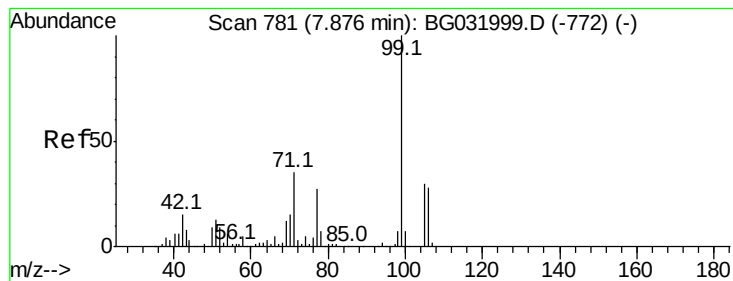


#5

2-Fluorophenol
Concen: 120.436 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

Tgt Ion:112 Resp: 378107
Ion Ratio Lower Upper
112 100
64 48.1 56.3 84.5#
63 26.2 30.1 45.1#





#7

Phenol-d6

Concen: 118.584 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

Instrument :

BNA_G

ClientSampleId :

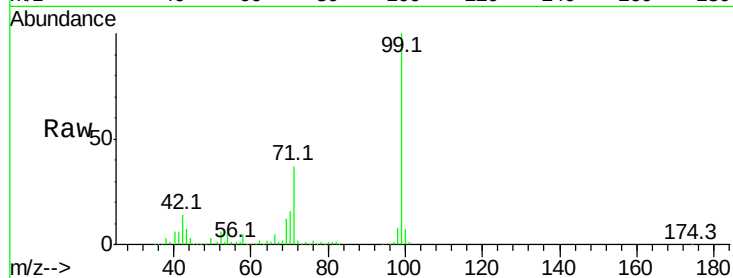
Tot Ion: 99 Resp: 468879

Ion Ratio Lower Upper

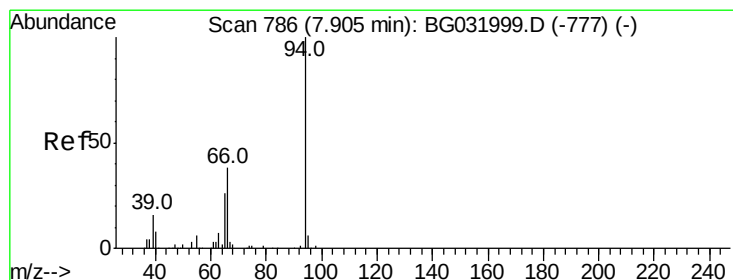
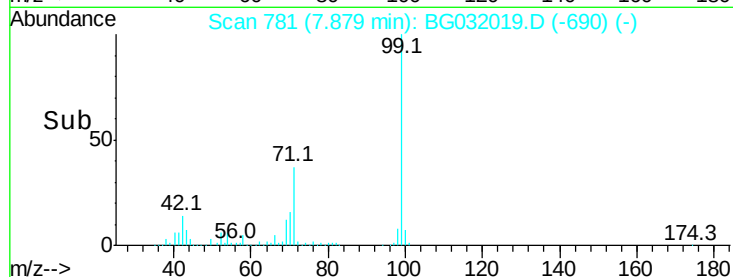
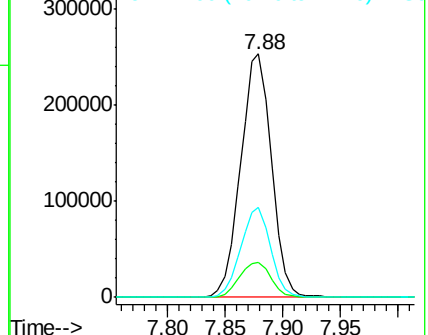
99 100

42 14.2 14.1 21.1

71 36.7 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: 3.779 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

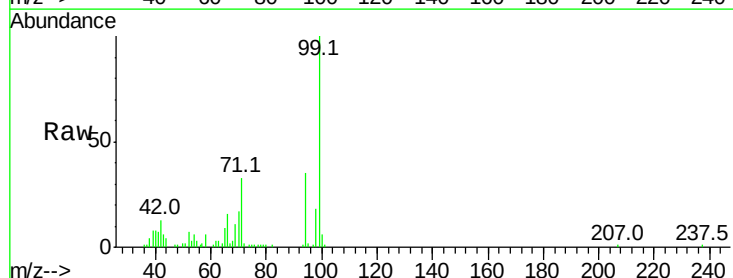
Tgt Ion: 94 Resp: 14719

Ion Ratio Lower Upper

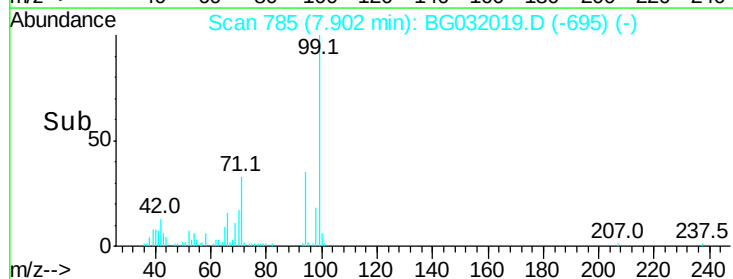
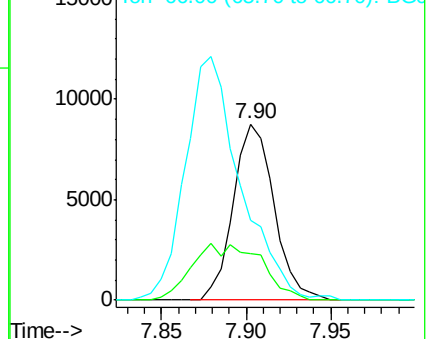
94 100

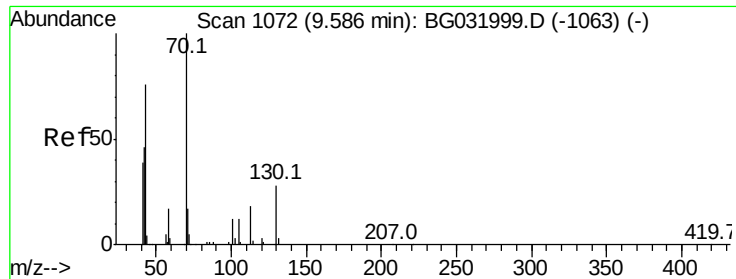
65 26.6 11.9 51.9

66 45.0 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

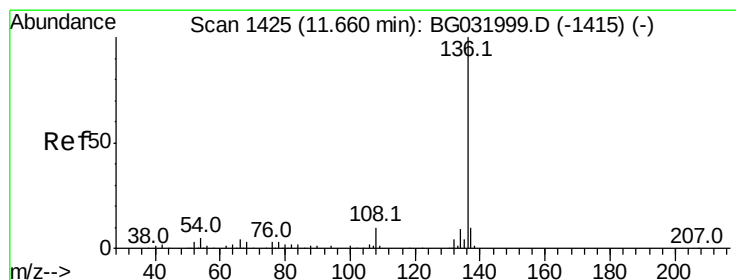
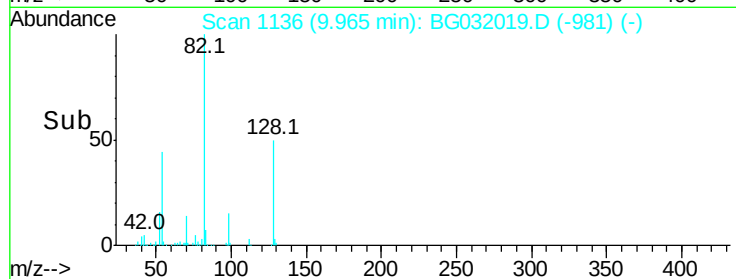
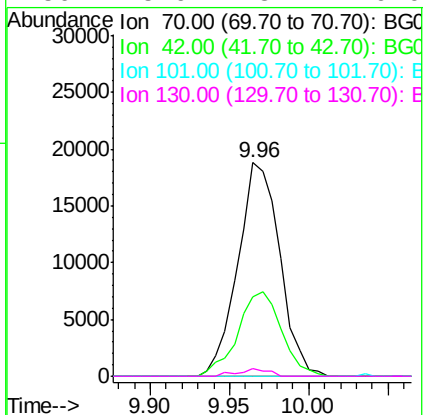
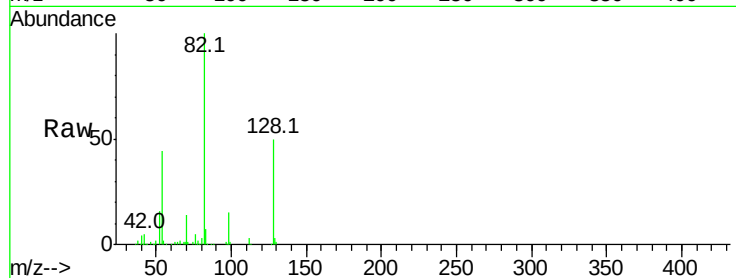




#19
n-Nitroso-di-n-propylamine
Concen: 14.087 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

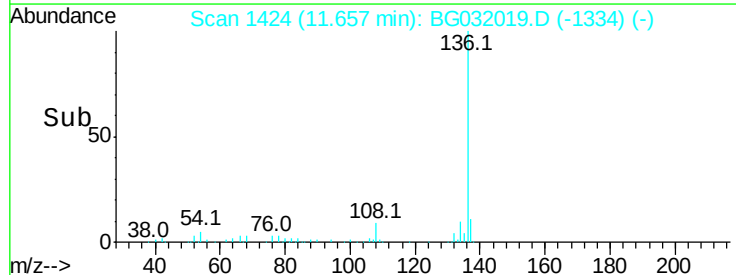
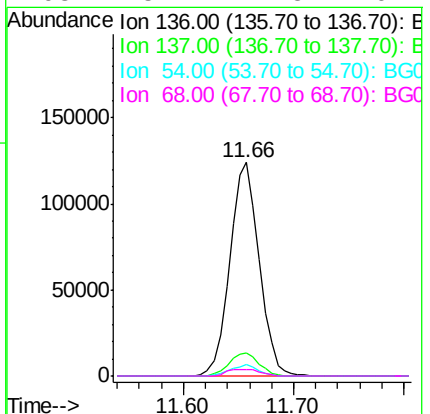
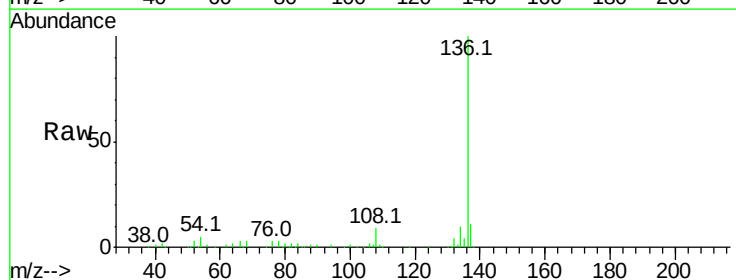
Instrument :
BNA_G
ClientSampled :

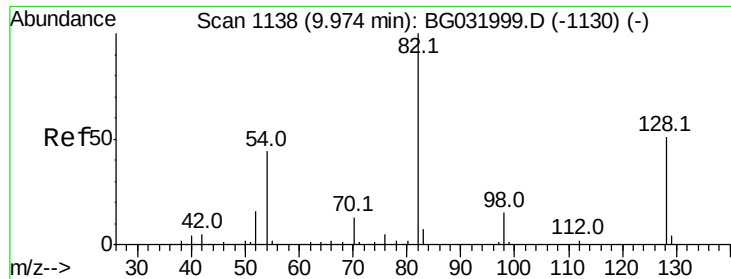
Tot Ion: 70 Resp: 34559
Ion Ratio Lower Upper
70 100
42 37.3 49.1 73.7#
101 0.0 8.5 12.7#
130 3.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

Tgt Ion: 136 Resp: 230053
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 5.4 10.3 15.5#
68 3.1 4.5 6.7#

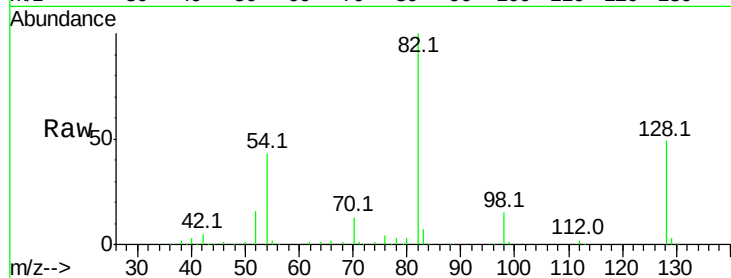




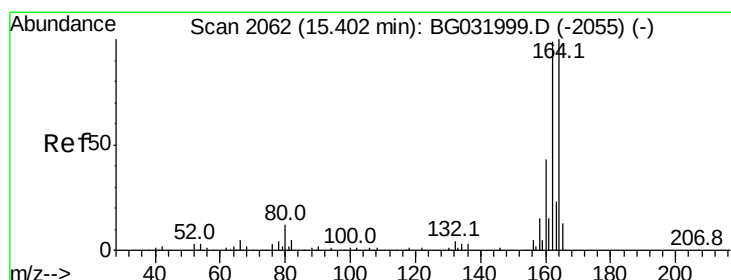
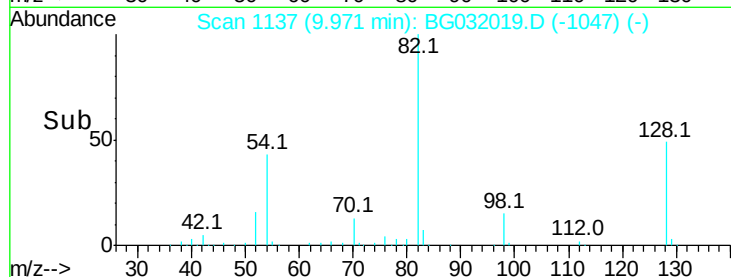
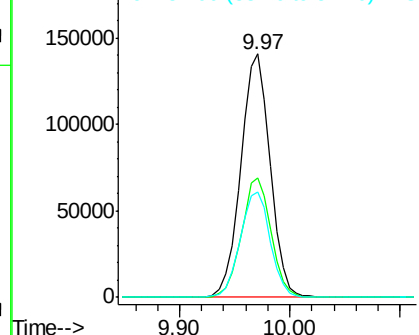
#23
Nitrobenzene-d5
Concen: 77.255 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 262699
Ion Ratio Lower Upper
82 100
128 49.1 29.7 44.5#
54 43.4 43.1 64.7

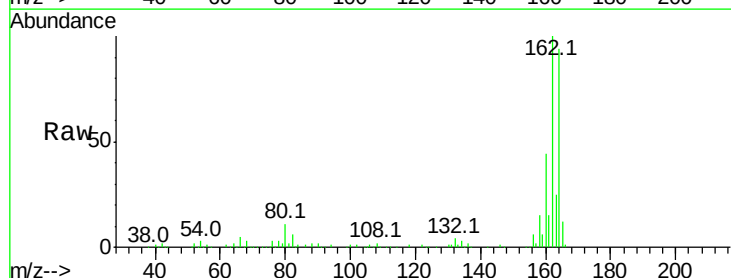


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

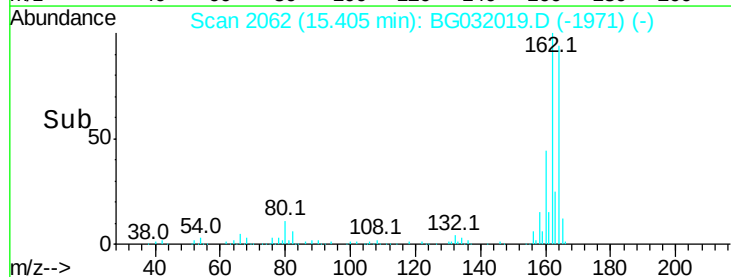
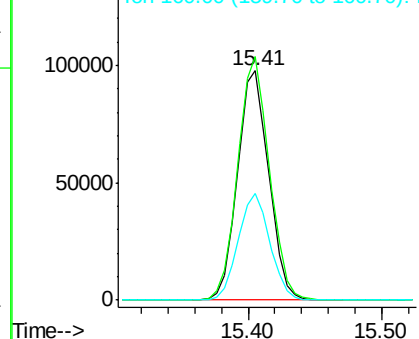


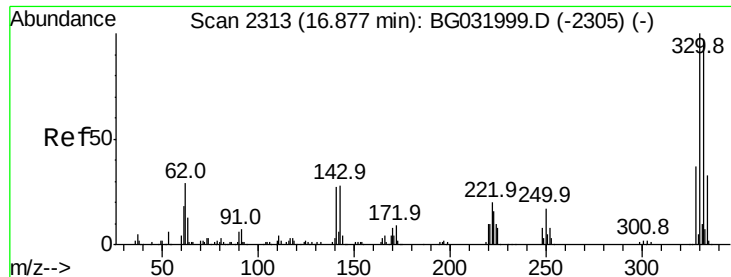
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

Tgt Ion:164 Resp: 158386
Ion Ratio Lower Upper
164 100
162 106.3 78.8 118.2
160 46.5 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: 118.203 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

Instrument :

BNA_G

ClientSampleId :

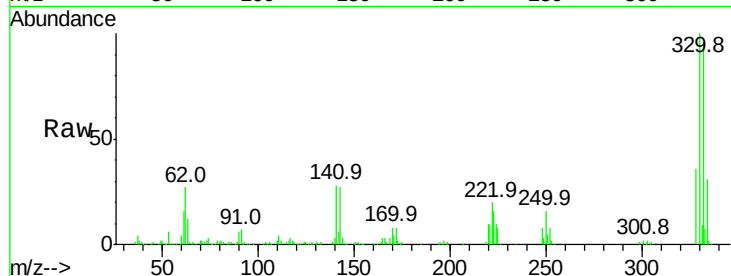
Tot Ion:330 Resp: 309800

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

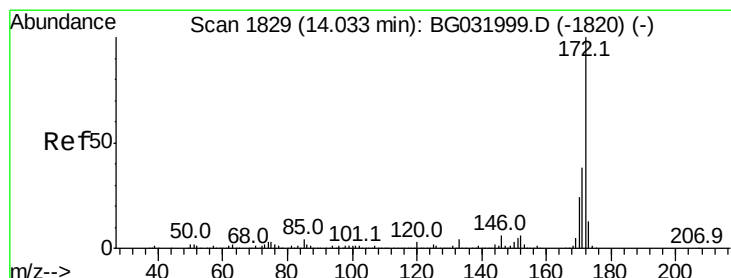
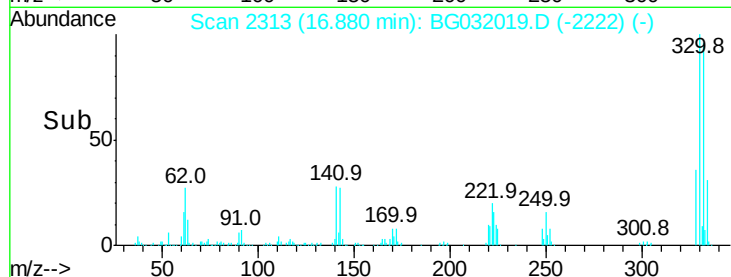
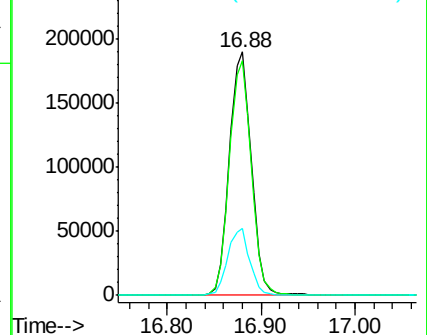
141 27.6 25.2 37.8



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: 73.275 ng

RT: 14.03 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

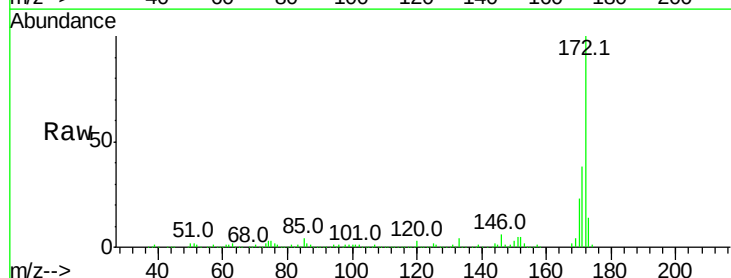
Tgt Ion:172 Resp: 935978

Ion Ratio Lower Upper

172 100

171 37.7 30.0 45.0

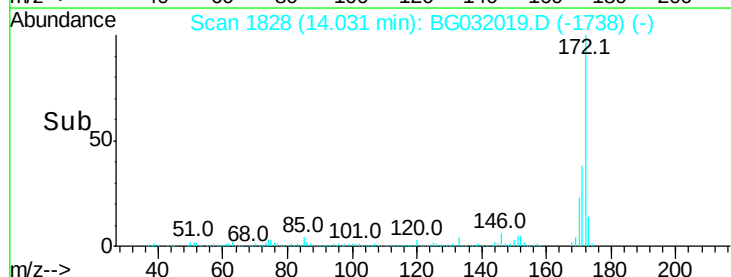
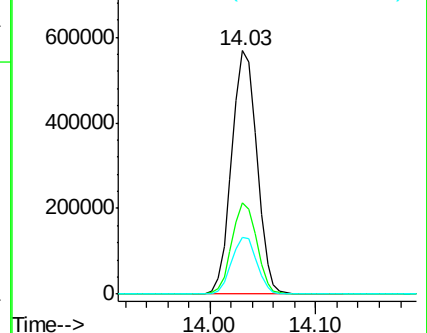
170 23.2 19.5 29.3

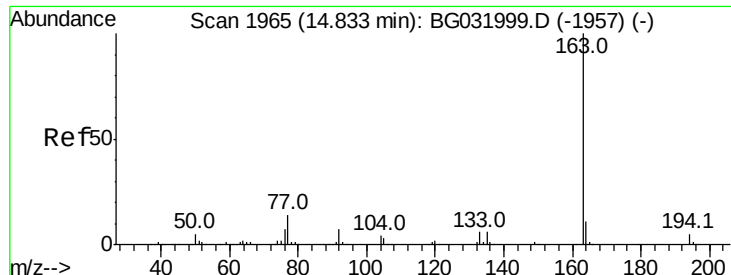


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.882 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

Instrument :

BNA_G

ClientSampleId :

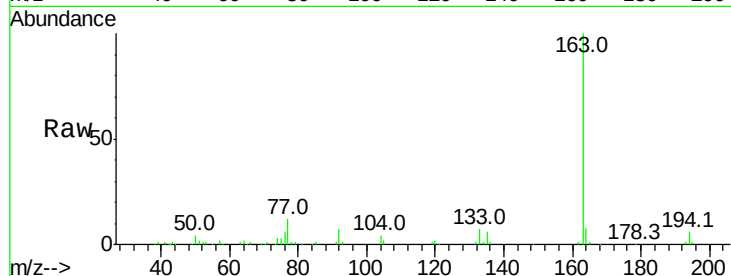
Tot Ion:163 Resp: 81528

Ion Ratio Lower Upper

163 100

194 5.5 3.4 5.2#

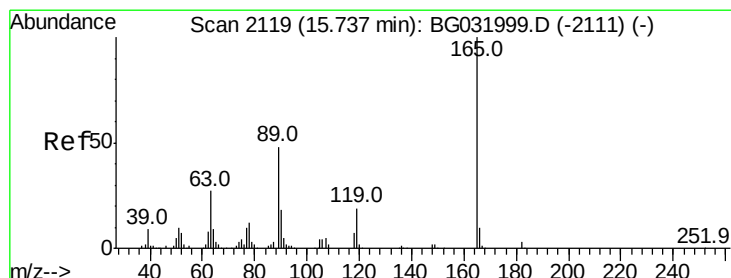
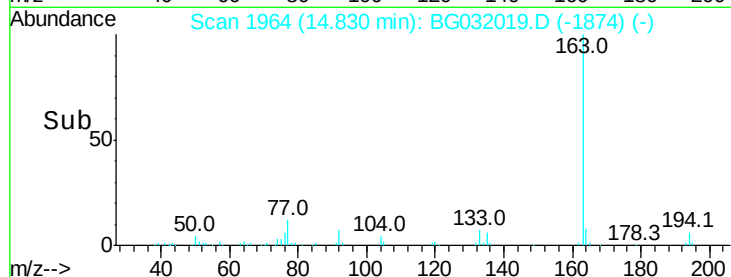
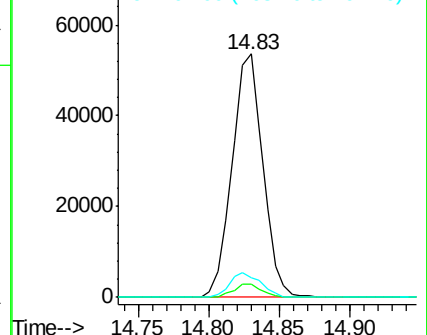
164 7.8 8.2 12.4#



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: 5.361 ng

RT: 15.41 min Scan# 2062

Delta R.T. -0.33 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

Tgt Ion:165 Resp: 20766

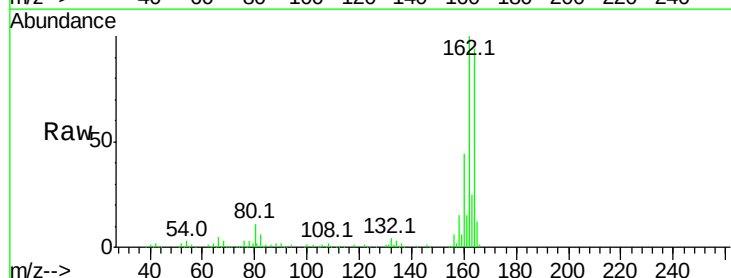
Ion Ratio Lower Upper

165 100

63 1.4 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

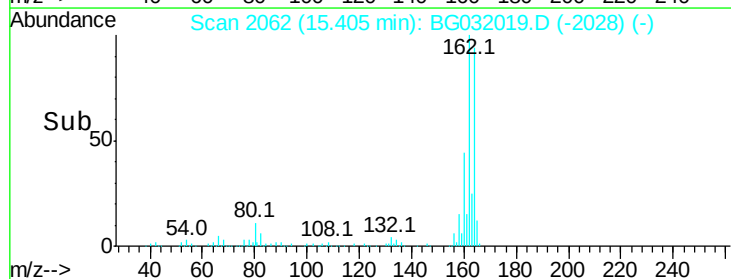
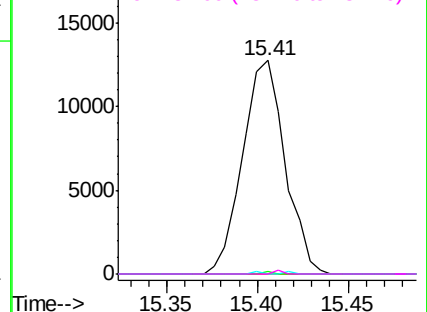


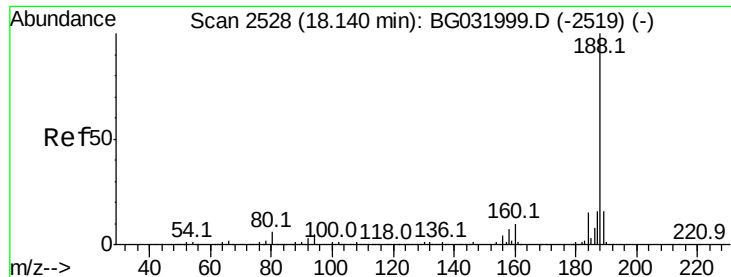
Abundance Ion 165.00 (164.70 to 165.70): E

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

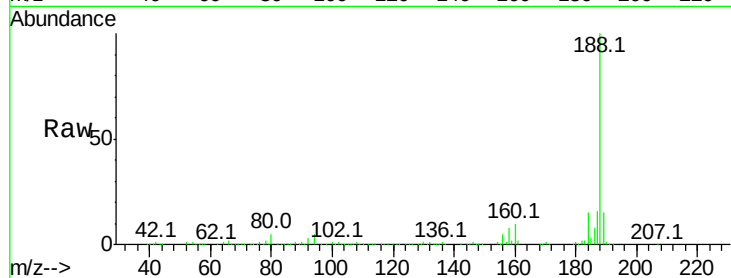




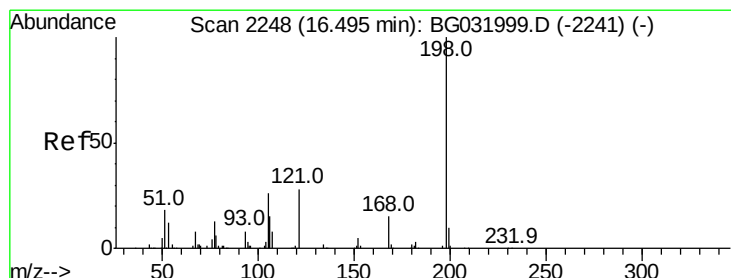
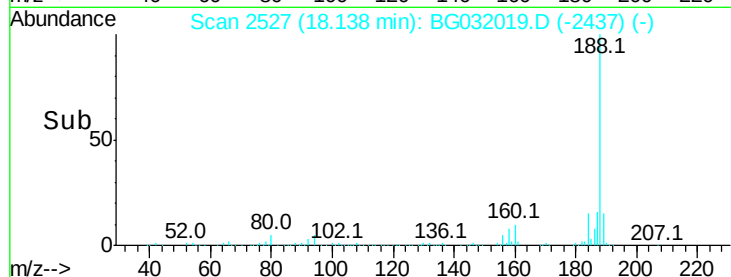
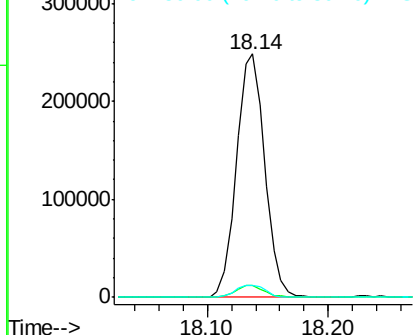
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 405823
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 5.1 7.7 11.5#

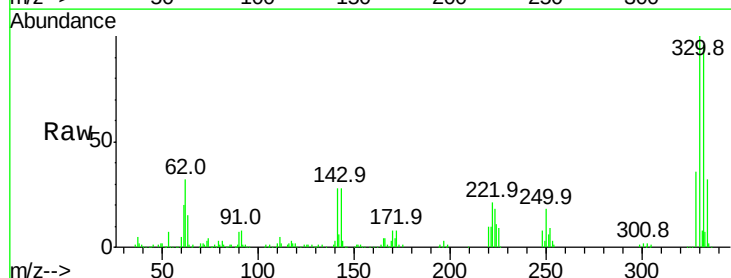


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

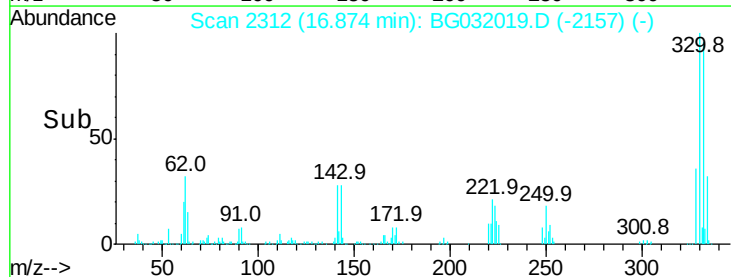
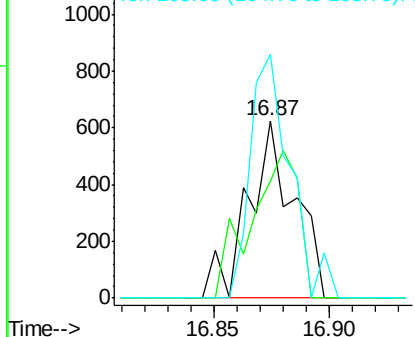


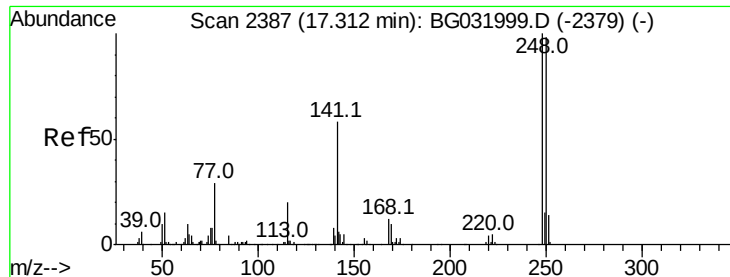
#64
4,6-Dinitro-2-methylphenol
Concen: 5.183 ng
RT: 16.87 min Scan# 2312
Delta R.T. 0.38 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

Tgt Ion:198 Resp: 863
Ion Ratio Lower Upper
198 100
51 66.0 30.6 70.6
105 137.5 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

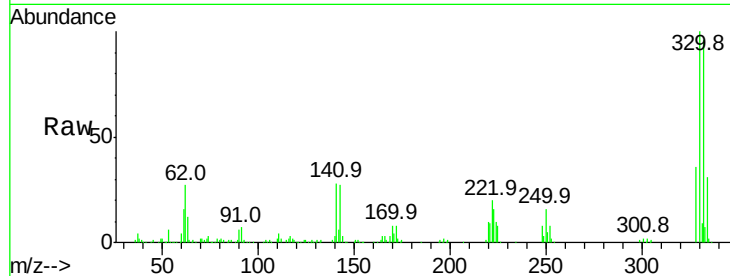




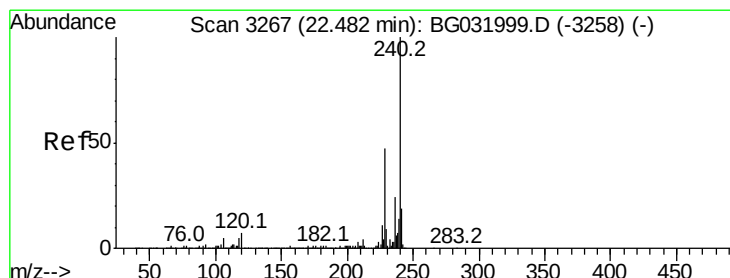
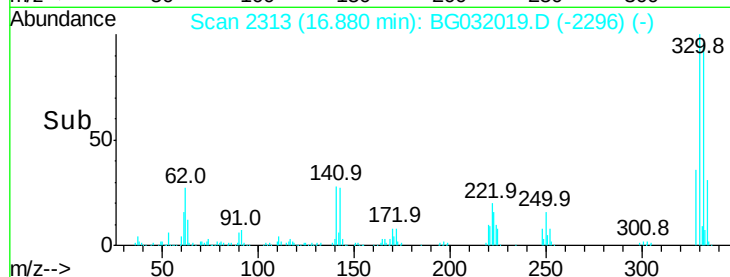
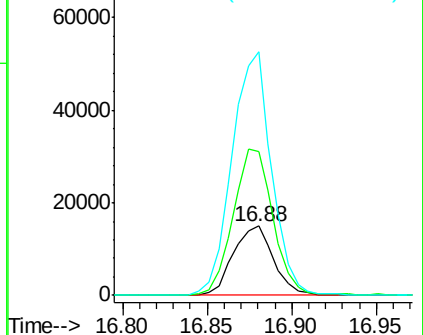
#66
4-Bromophenyl-phenylether
Concen: 4.277 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.43 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 24696
Ion Ratio Lower Upper
248 100
250 207.2 77.1 115.7#
141 351.1 50.8 76.2#

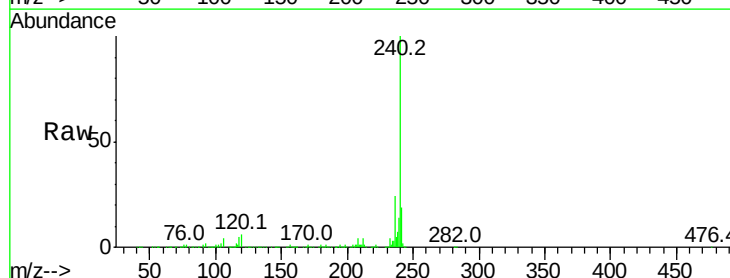


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

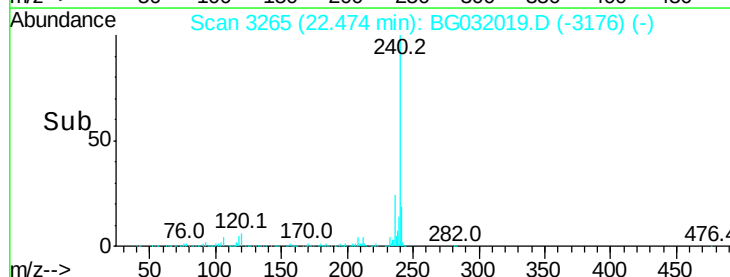
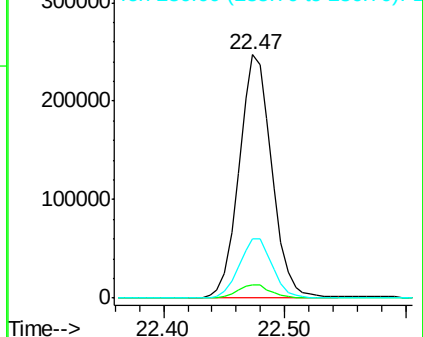


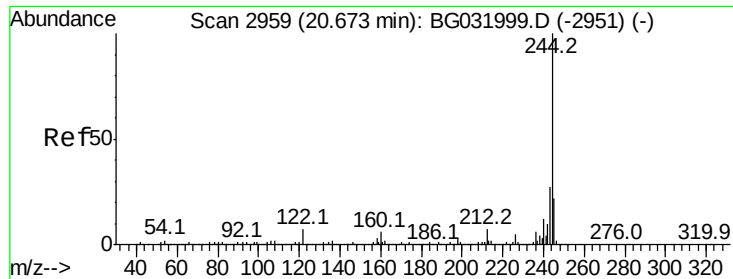
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

Tgt Ion:240 Resp: 465296
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 24.2 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: 79.414 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

Instrument :

BNA_G

ClientSampleId :

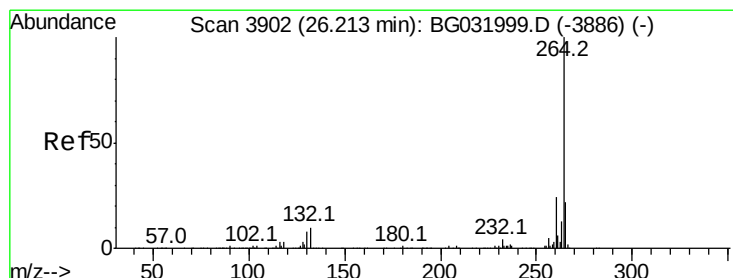
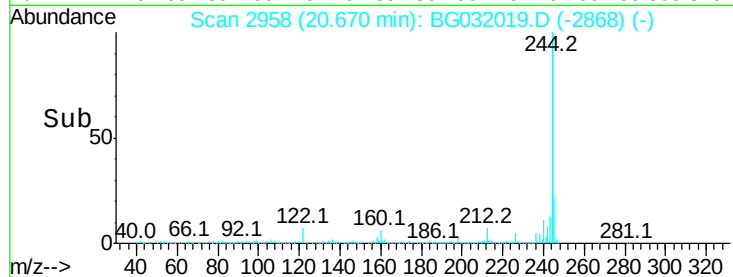
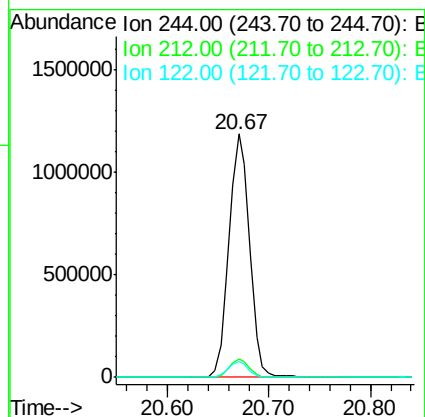
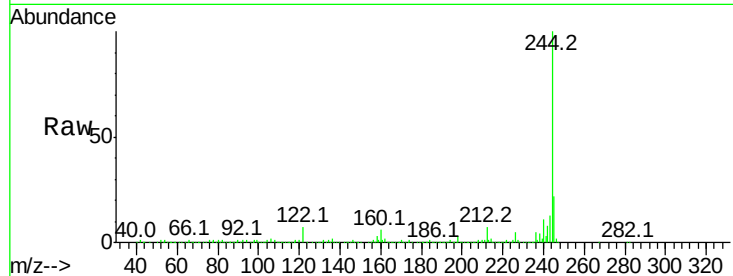
Tot Ion:244 Resp: 1673468

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 6.6 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.20 min Scan# 3899

Delta R.T. -0.01 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

Tgt Ion:264 Resp: 493101

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.0 17.7 26.5

