

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011017\
 Data File : BG025464.D
 Acq On : 10 Jan 2017 22:59
 Operator : UM/SJ
 Sample : I1077-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Jan 11 06:24:11 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

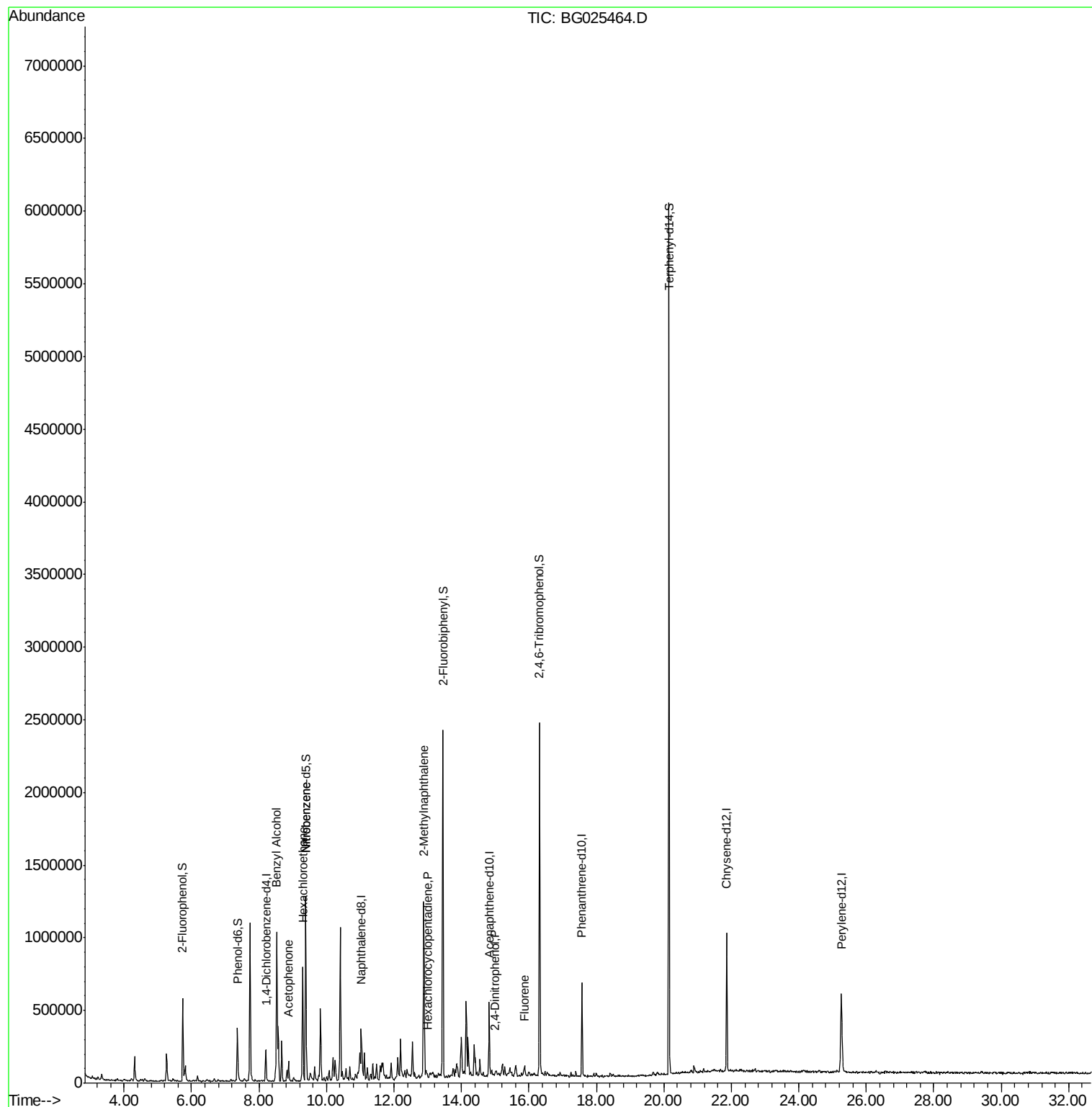
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55797	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	221130	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	180666	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	415496	20.00	ng	0.00
75) Chrysene-d12	21.86	240	622683	20.00	ng	0.00
86) Perylene-d12	25.27	264	680281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	231091	75.28	ng	0.00
7) Phenol-d6	7.36	99	209800	48.53	ng	0.00
23) Nitrobenzene-d5	9.38	82	564725	112.82	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	476978	163.99	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1191188	106.74	ng	0.00
78) Terphenyl-d14	20.15	244	2355621	100.30	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	14690	3.56	ng	# 67
18) Hexachloroethane	9.30	117	89060	53.40	ng	# 1
22) Acetophenone	8.87	105	43205	7.03	ng	# 61
24) Nitrobenzene	9.38	77	22501	4.10	ng	# 24
37) 2-Methylnaphthalene	12.89	142	500124	61.11	ng	91
40) Hexachlorocyclopentadiene	12.99	237	71	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.98	184	327	5.24	ng	# 29
57) Fluorene	15.87	166	27771	2.18	ng	93

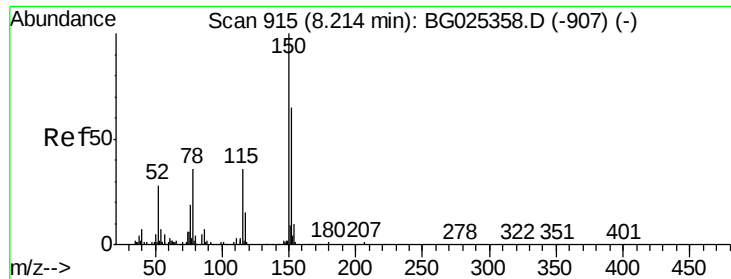
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Instrument :

BNA_G

ClientSampleId :

DFTPP

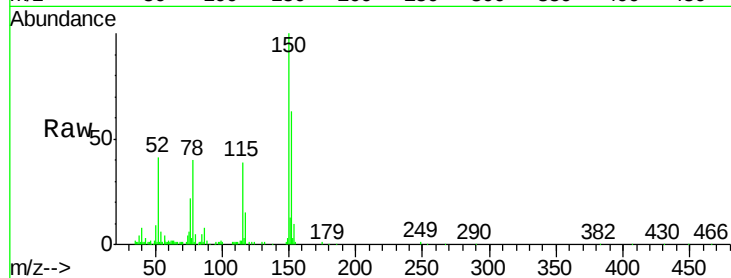
Tgt Ion:152 Resp: 55797

Ion Ratio Lower Upper

152 100

150 158.7 114.0 171.0

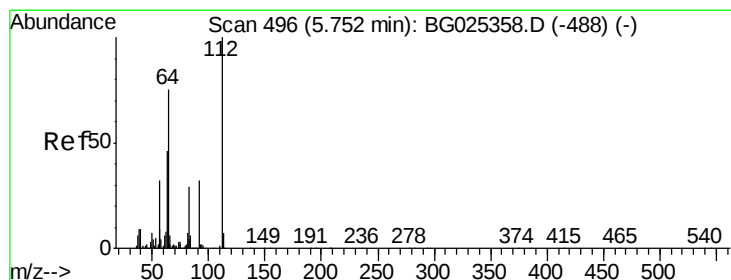
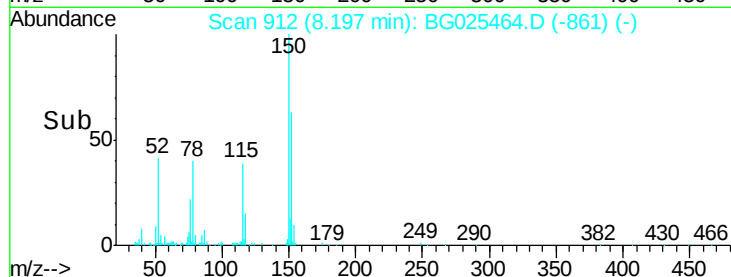
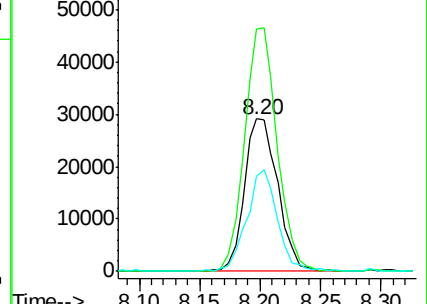
115 62.3 48.1 72.1



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: 75.28 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

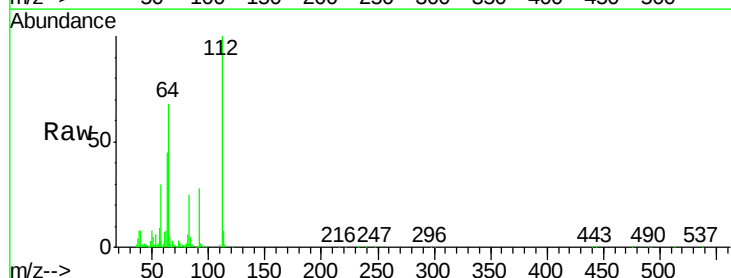
Tgt Ion:112 Resp: 231091

Ion Ratio Lower Upper

112 100

64 67.5 61.8 92.6

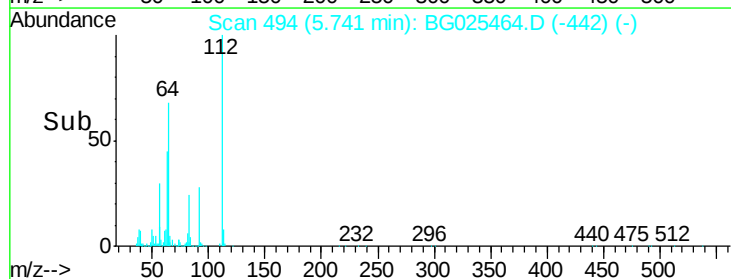
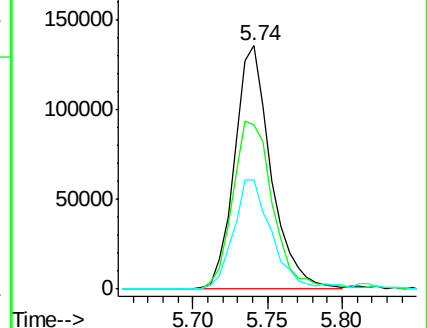
63 44.9 37.2 55.8

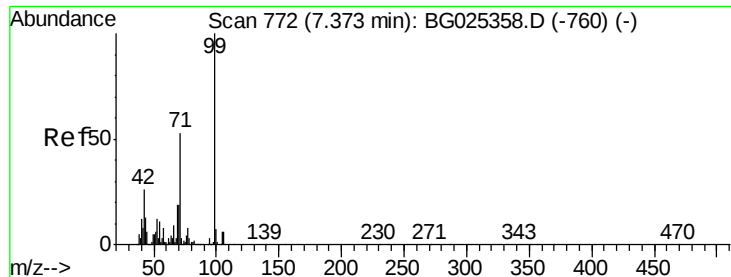


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 48.53 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Instrument :

BNA_G

ClientSampled :

DFTPP

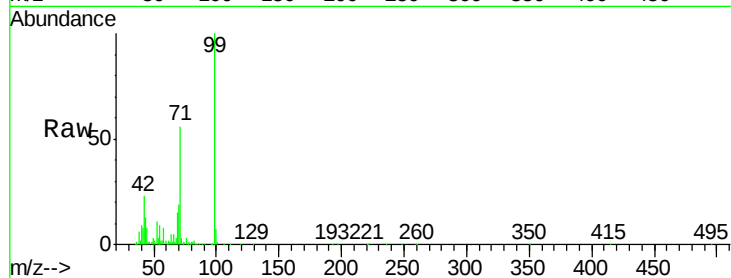
Tgt Ion: 99 Resp: 209800

Ion Ratio Lower Upper

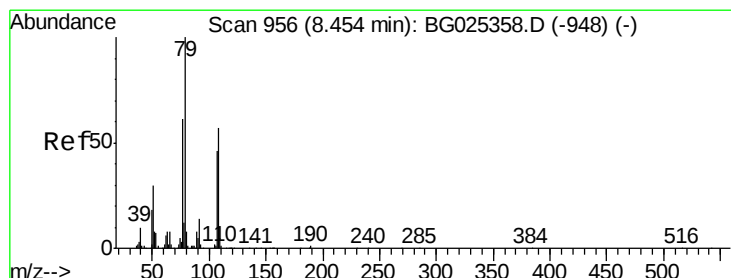
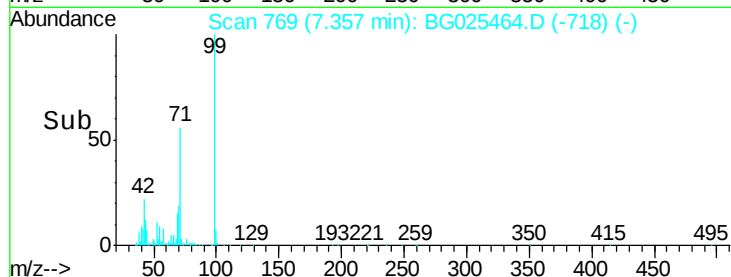
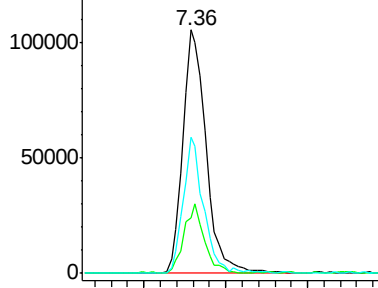
99 100

42 23.0 20.5 30.7

71 55.7 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 3.56 ng

RT: 8.53 min Scan# 968

Delta R.T. 0.08 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

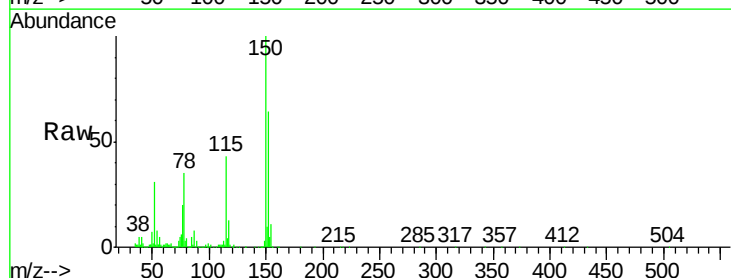
Tgt Ion: 79 Resp: 14690

Ion Ratio Lower Upper

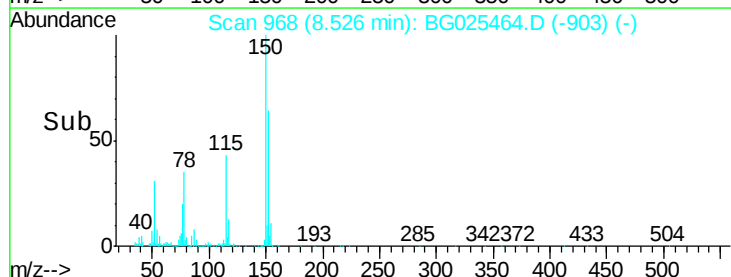
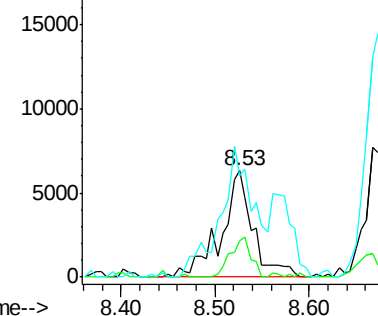
79 100

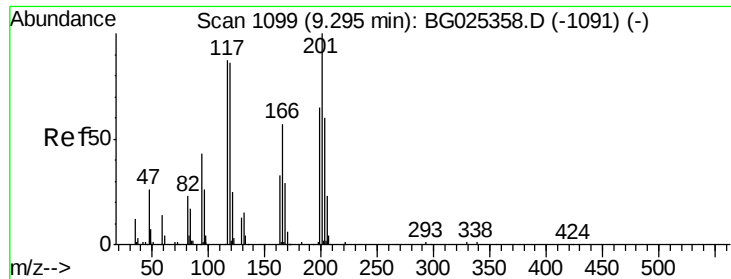
108 34.1 45.5 68.3#

77 95.3 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#18

Hexachloroethane

Concen: 53.40 ng

RT: 9.30 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Instrument :

BNA_G

ClientSampleId :

DFTPP

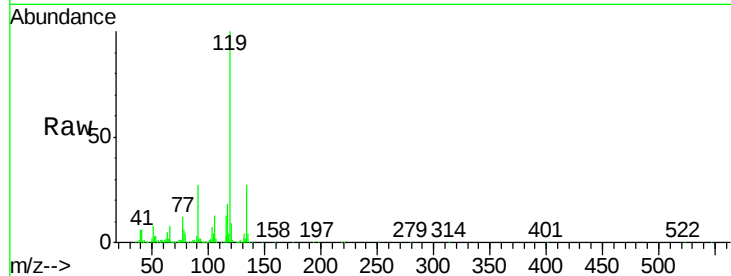
Tgt Ion:117 Resp: 89060

Ion Ratio Lower Upper

117 100

119 560.3 69.8 104.6#

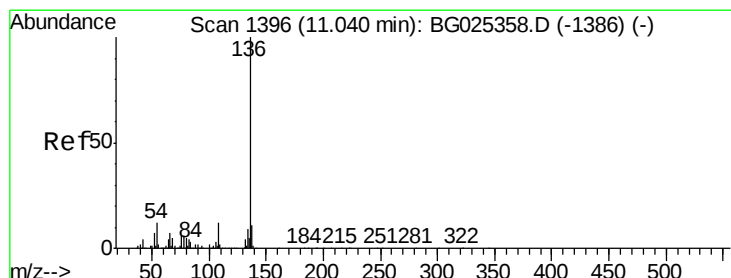
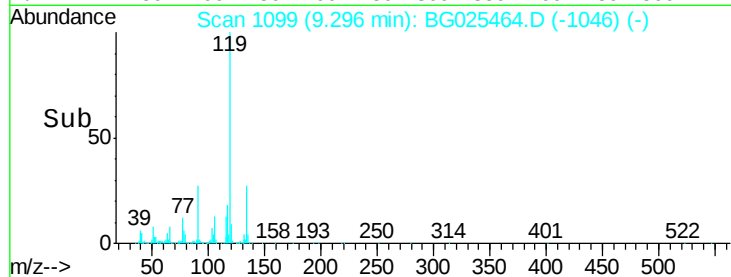
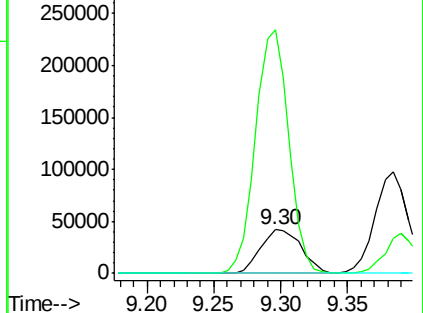
201 0.0 95.4 143.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Tgt Ion:136 Resp: 221130

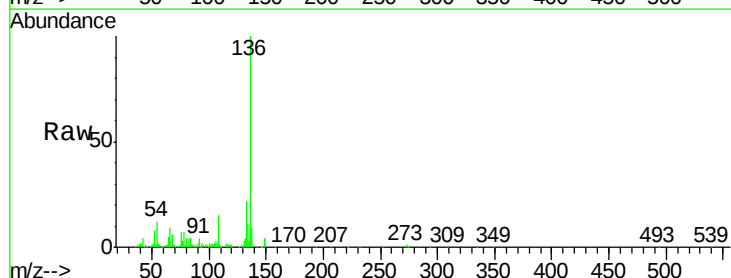
Ion Ratio Lower Upper

136 100

137 9.5 8.9 13.3

54 11.6 9.3 13.9

68 6.1 5.1 7.7

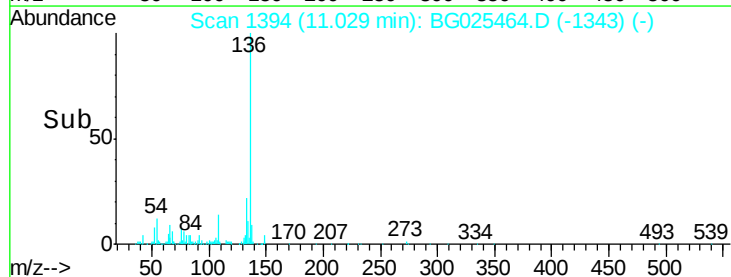
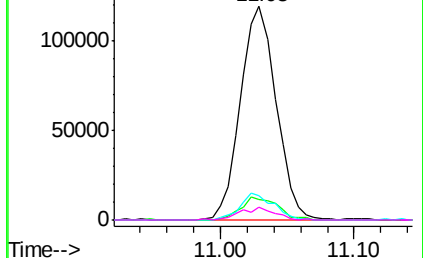


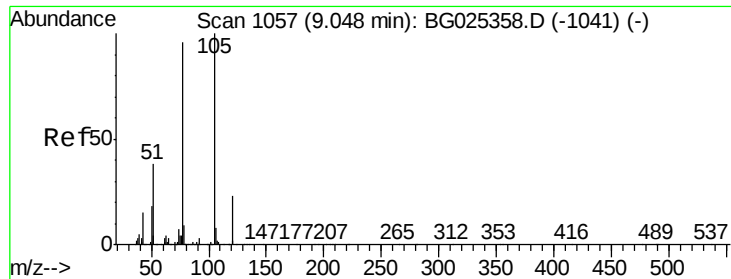
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 7.03 ng

RT: 8.87 min Scan# 1027

Delta R.T. -0.16 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tgt Ion: 105 Resp: 43205

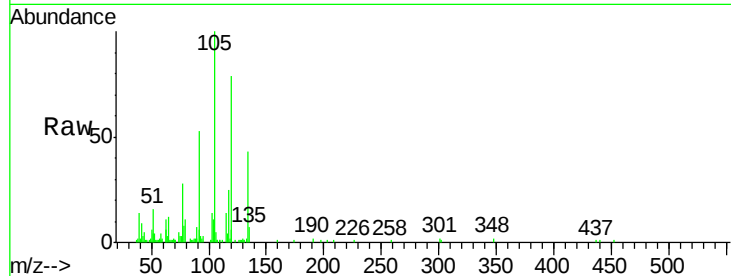
Ion Ratio Lower Upper

105 100

71 2.0 0.9 1.3#

51 15.5 34.0 51.0#

120 6.1 17.3 25.9#

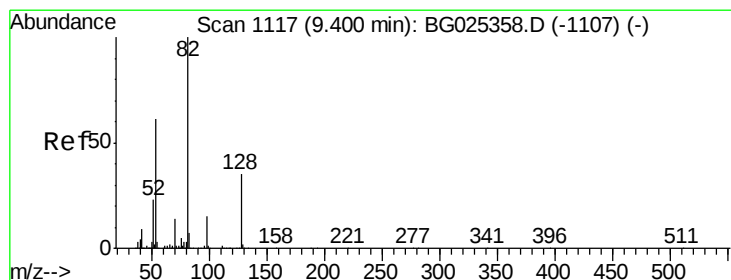
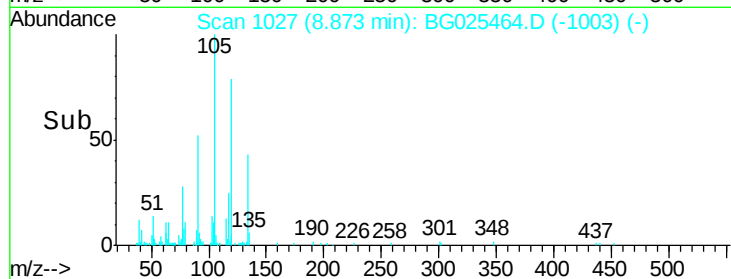
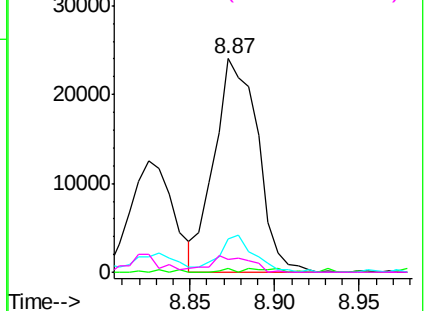


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 112.82 ng

RT: 9.38 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

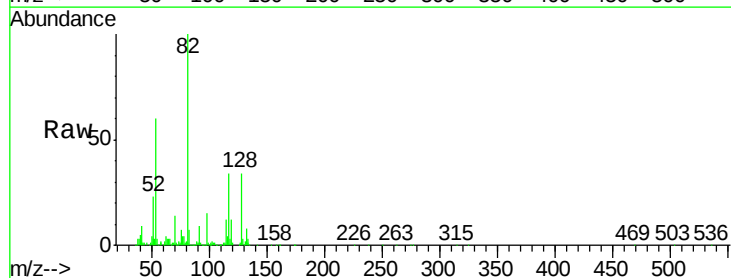
Tgt Ion: 82 Resp: 564725

Ion Ratio Lower Upper

82 100

128 34.5 26.4 39.6

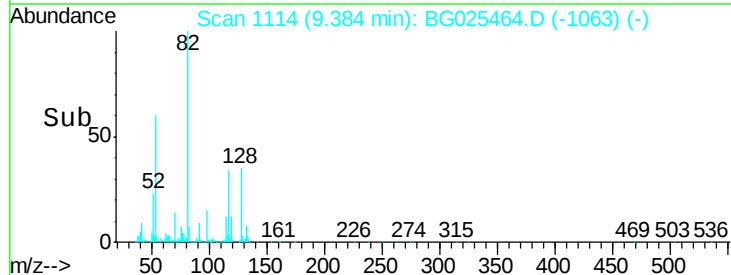
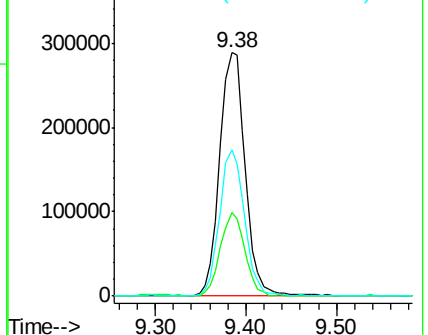
54 60.0 49.4 74.2

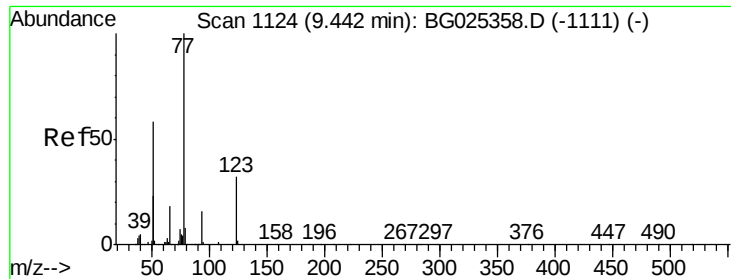


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

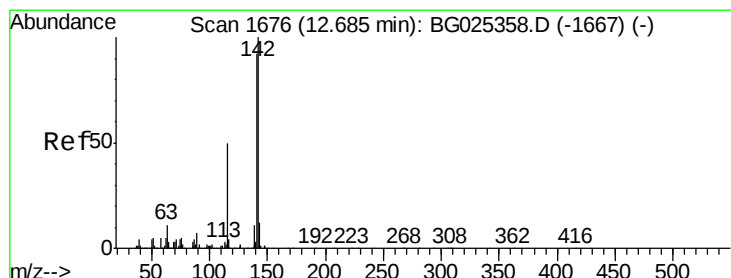
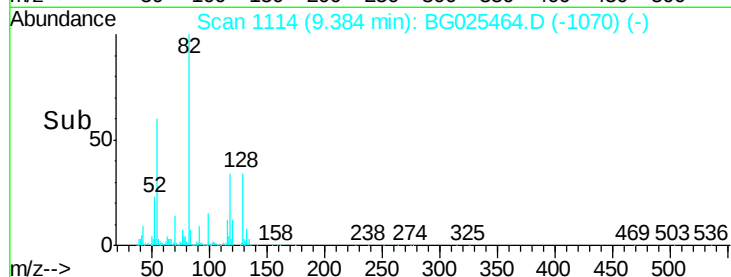
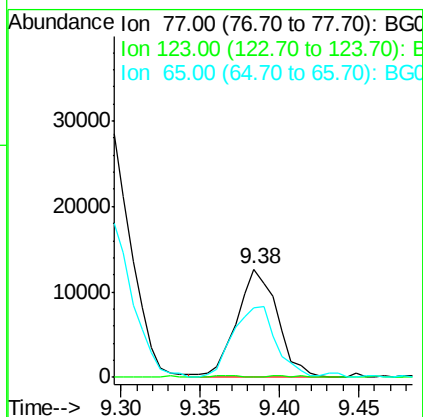
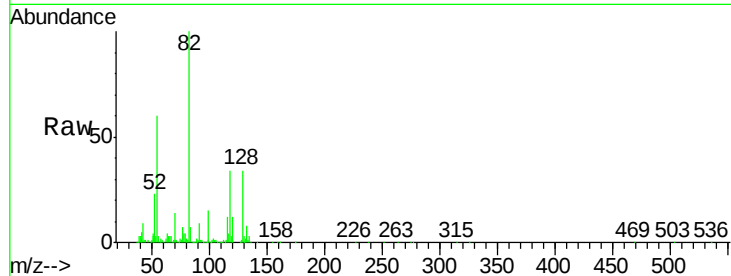




#24
 Nitrobenzene
 Concen: 4.10 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.04 min
 Lab File: BG025464.D
 Acq: 10 Jan 2017 22:59

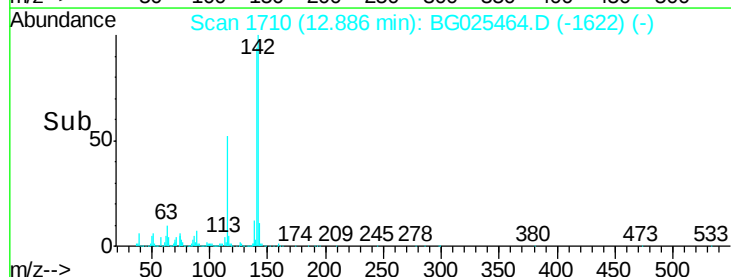
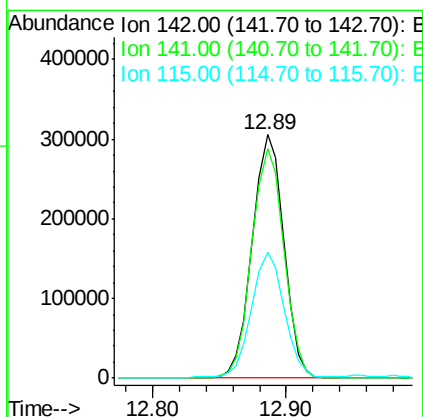
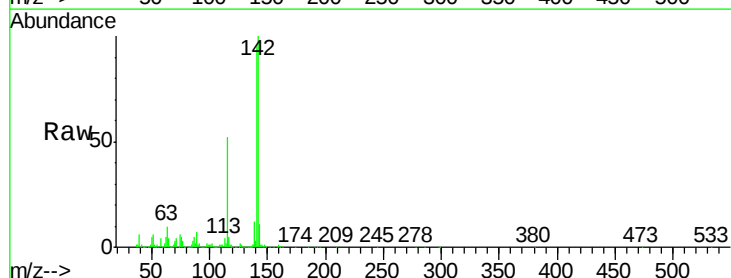
Instrument :
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 ClientSampleId :
 DFTPP

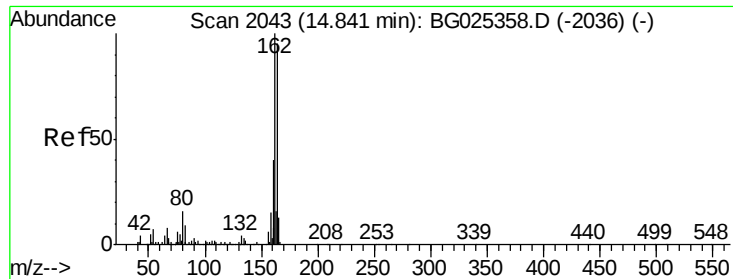
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	63.8	12.4	18.6#



#37
 2-Methylnaphthalene
 Concen: 61.11 ng
 RT: 12.89 min Scan# 1710
 Delta R.T. 0.22 min
 Lab File: BG025464.D
 Acq: 10 Jan 2017 22:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	70.4	105.6
115	51.9	35.5	53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Instrument :

BNA_G

ClientSampleId :

DFTPP

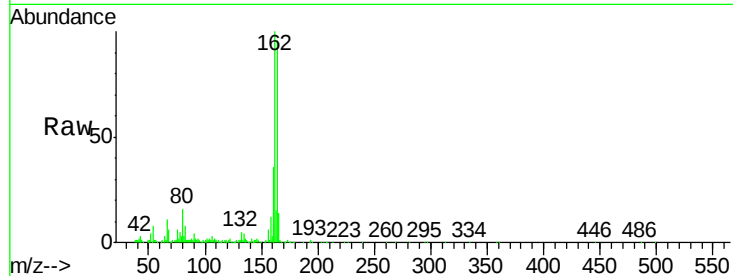
Tgt Ion:164 Resp: 180666

Ion Ratio Lower Upper

164 100

162 103.8 85.1 127.7

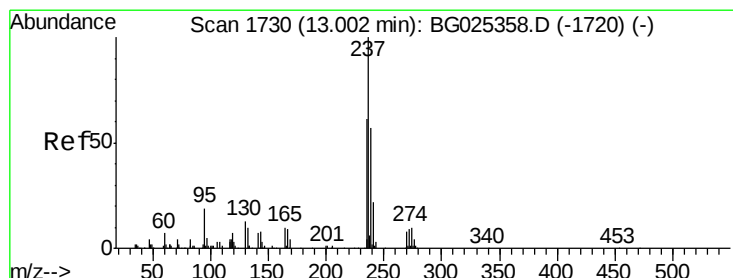
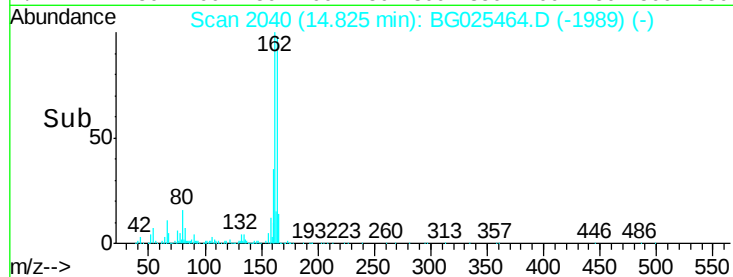
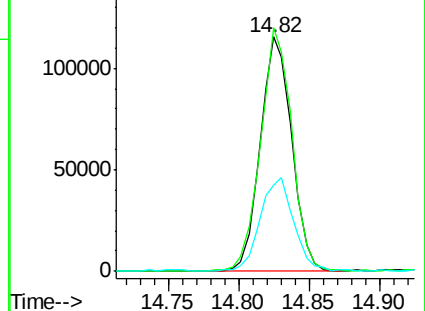
160 36.9 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 12.99 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

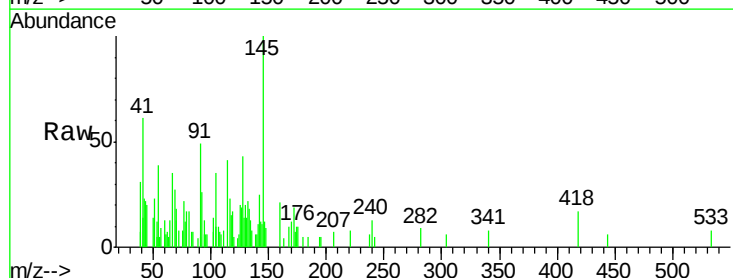
Tgt Ion:237 Resp: 71

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

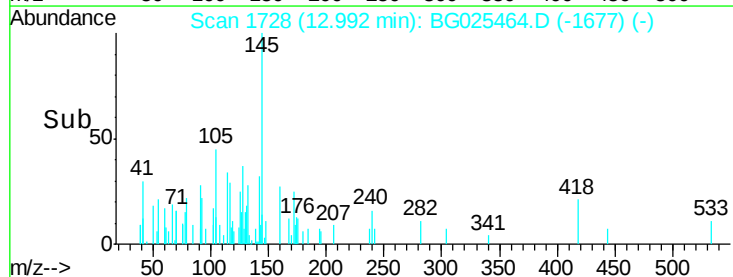
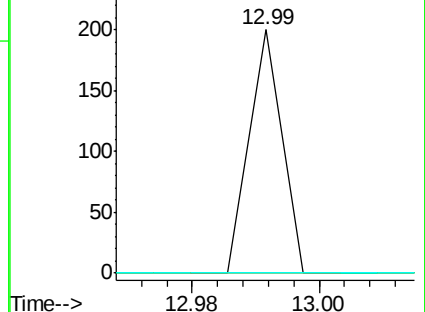
272 0.0 0.0 32.0

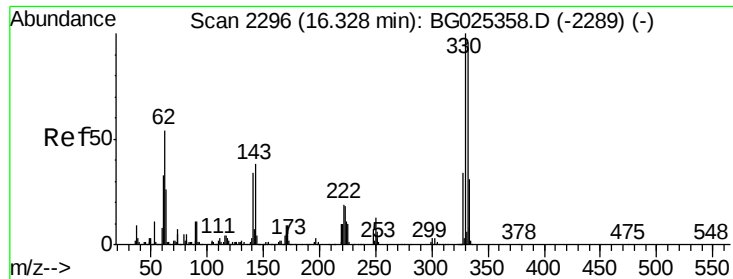


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

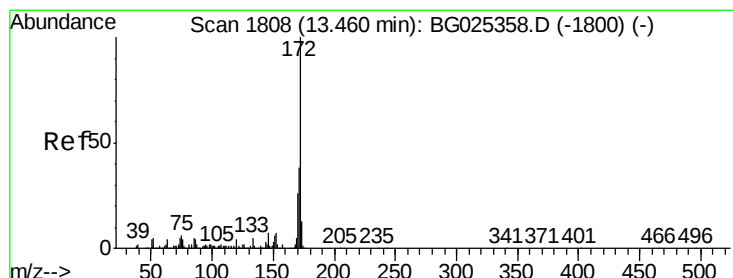
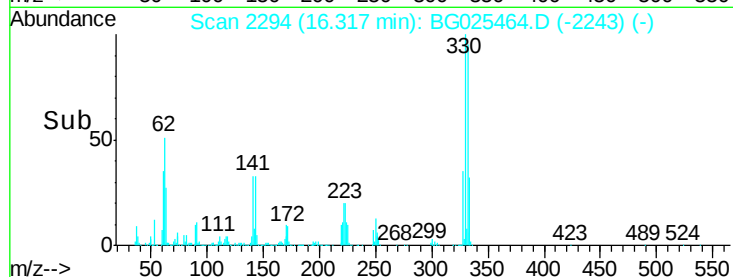
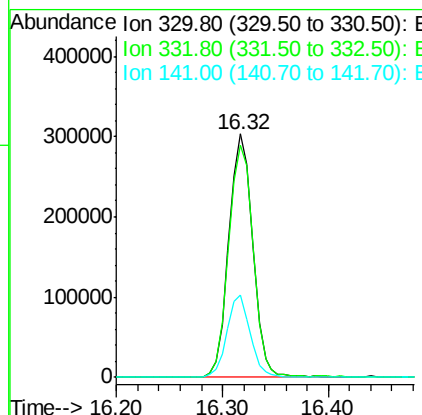
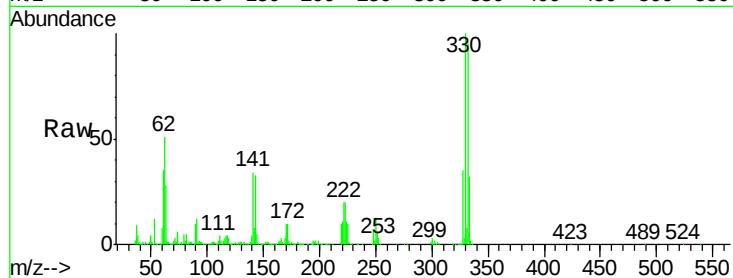




#41
 2,4,6-Tribromophenol
 Concen: 163.99 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG025464.D
 Acq: 10 Jan 2017 22:59

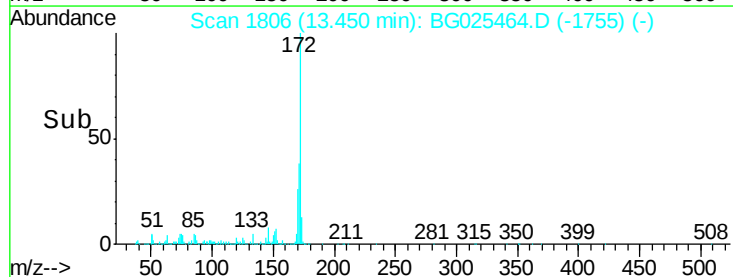
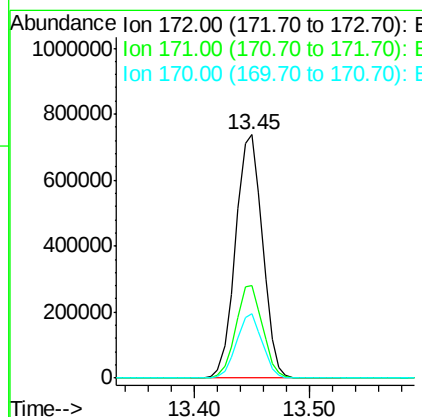
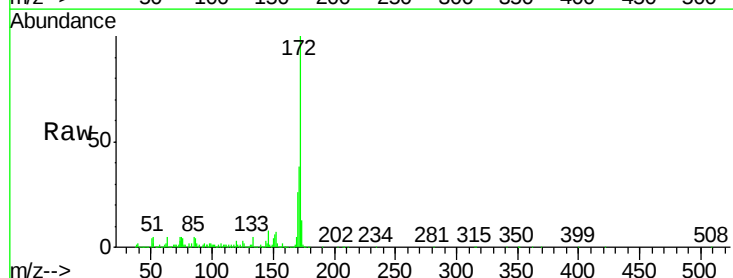
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

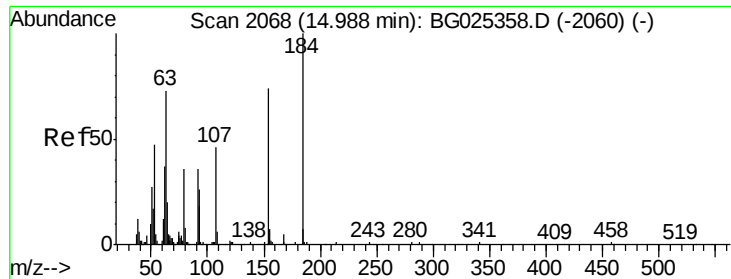
Tgt Ion:330 Resp: 476978
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 32.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 106.74 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG025464.D
 Acq: 10 Jan 2017 22:59

Tgt Ion:172 Resp: 1191188
 Ion Ratio Lower Upper
 172 100
 171 38.2 32.2 48.2
 170 26.2 21.8 32.6

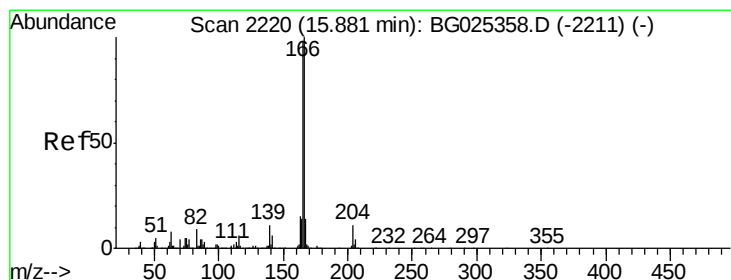
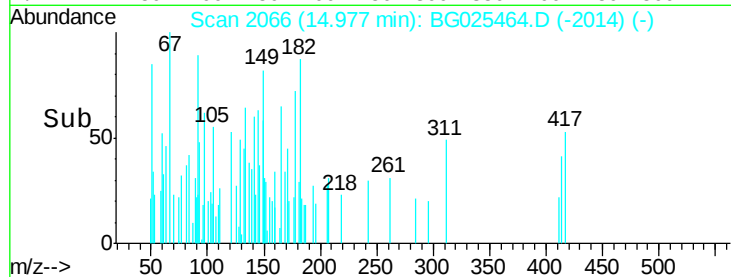
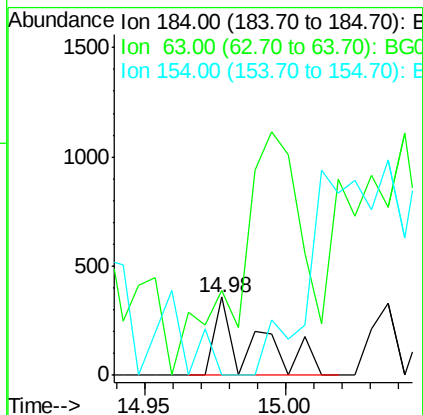
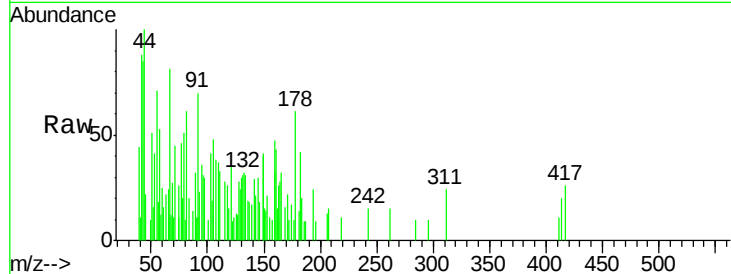




#53
2,4-Dinitrophenol
Concen: 5.24 ng
RT: 14.98 min Scan# 2066
Delta R.T. 0.01 min
Lab File: BG025464.D
Acq: 10 Jan 2017 22:59

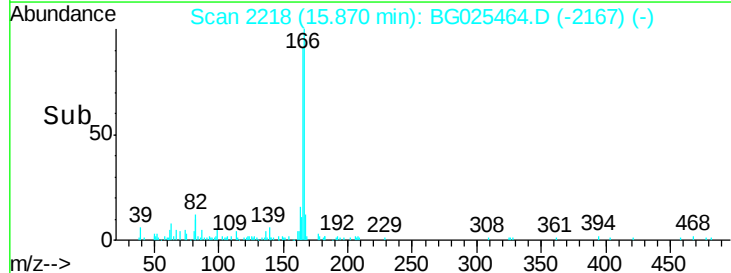
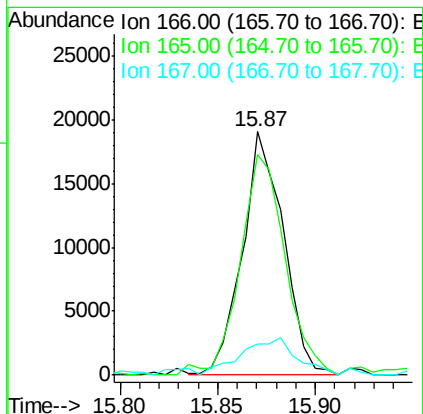
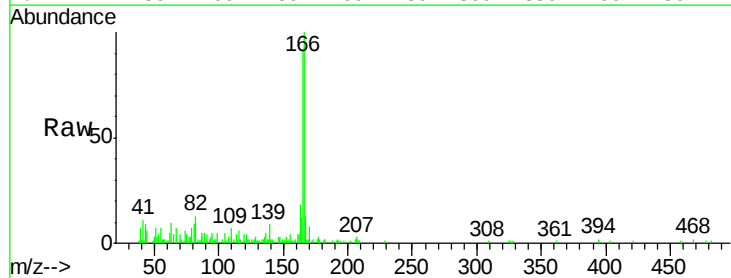
Instrument :
BNA_G
ClientSampleId :
DFTPP

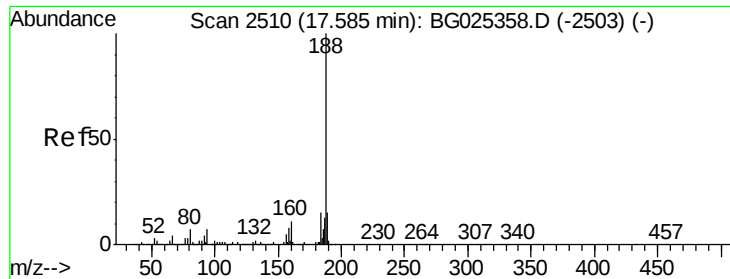
Tgt Ion:184 Resp: 327
Ion Ratio Lower Upper
184 100
63 108.6 52.7 79.1#
154 0.0 57.3 85.9#



#57
Fluorene
Concen: 2.18 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG025464.D
Acq: 10 Jan 2017 22:59

Tgt Ion:166 Resp: 27771
Ion Ratio Lower Upper
166 100
165 90.8 78.6 117.8
167 12.6 11.6 17.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Instrument :

BNA_G

ClientSampleId :

DFTPP

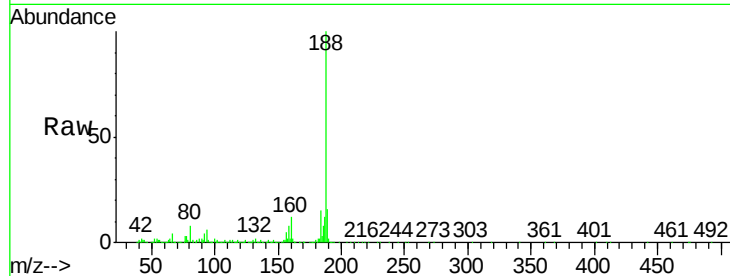
Tgt Ion:188 Resp: 415496

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

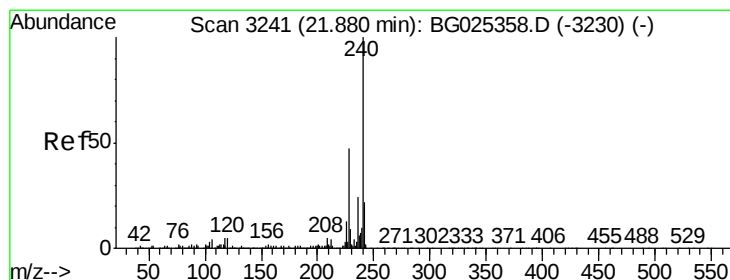
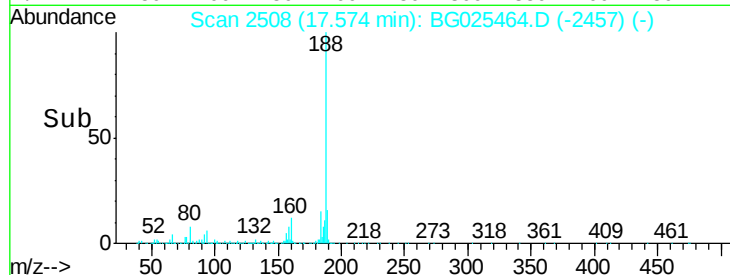
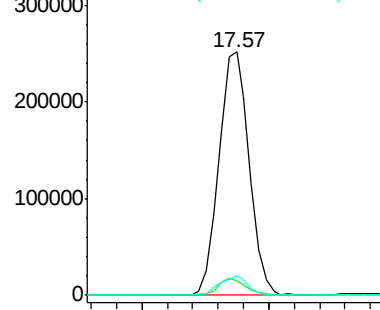
80 7.8 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

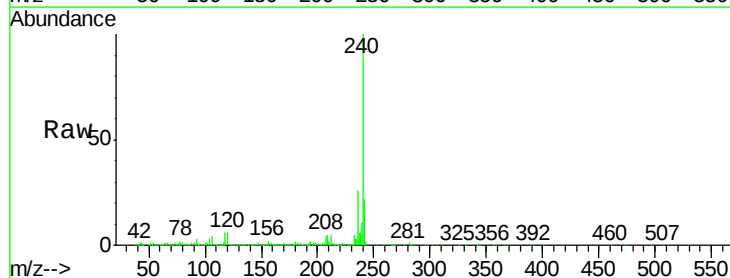
Tgt Ion:240 Resp: 622683

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

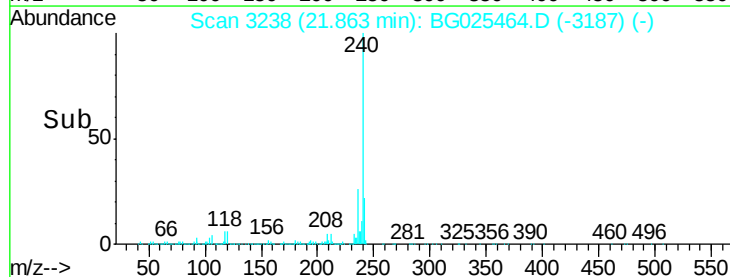
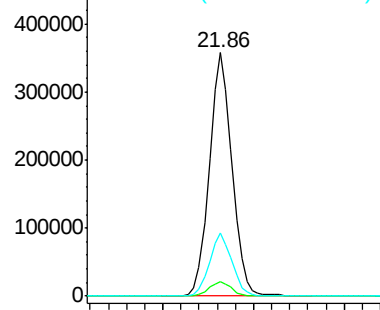
236 26.1 22.2 33.4

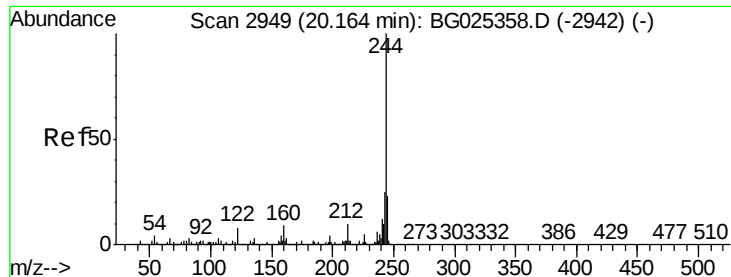


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.30 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Instrument :

BNA_G

ClientSampleId :

DFTPP

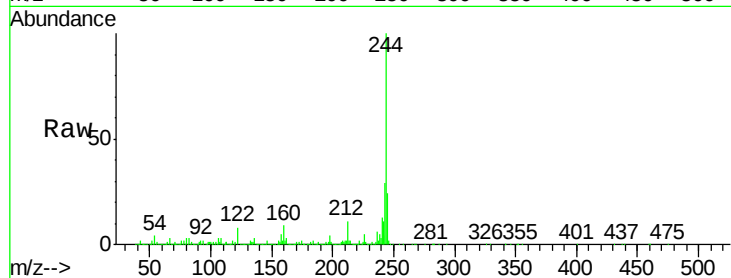
Tgt Ion:244 Resp: 2355621

Ion Ratio Lower Upper

244 100

212 11.3 10.0 15.0

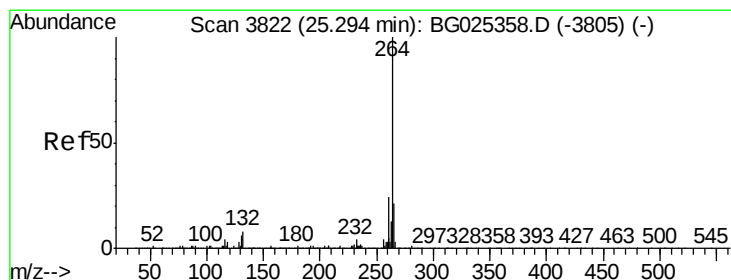
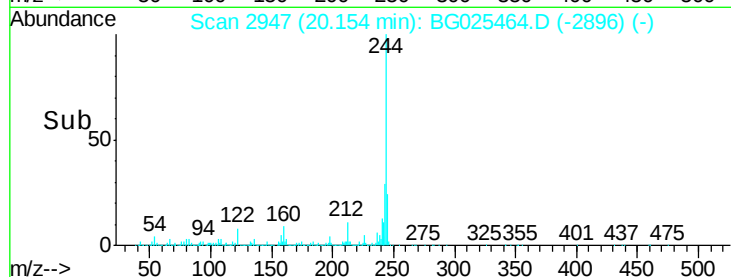
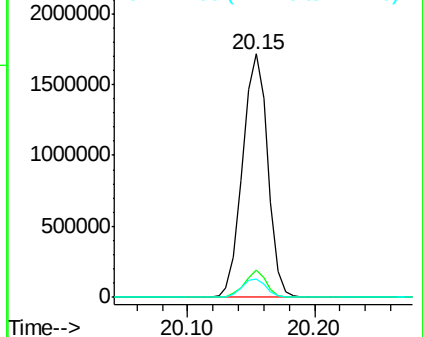
122 7.5 8.6 12.8#



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: 20.00 ng

RT: 25.27 min Scan# 3817

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

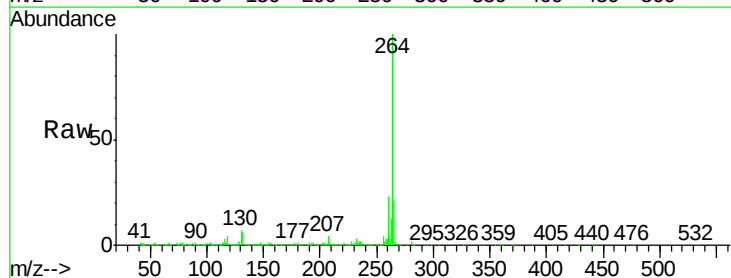
Tgt Ion:264 Resp: 680281

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 21.0 18.2 27.4



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

