

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025556.D
 Acq On : 21 Jan 2017 3:24
 Operator : UM/SJ
 Sample : I1347-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4-0-3FT-COMP

Quant Time: Jan 21 04:10:52 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

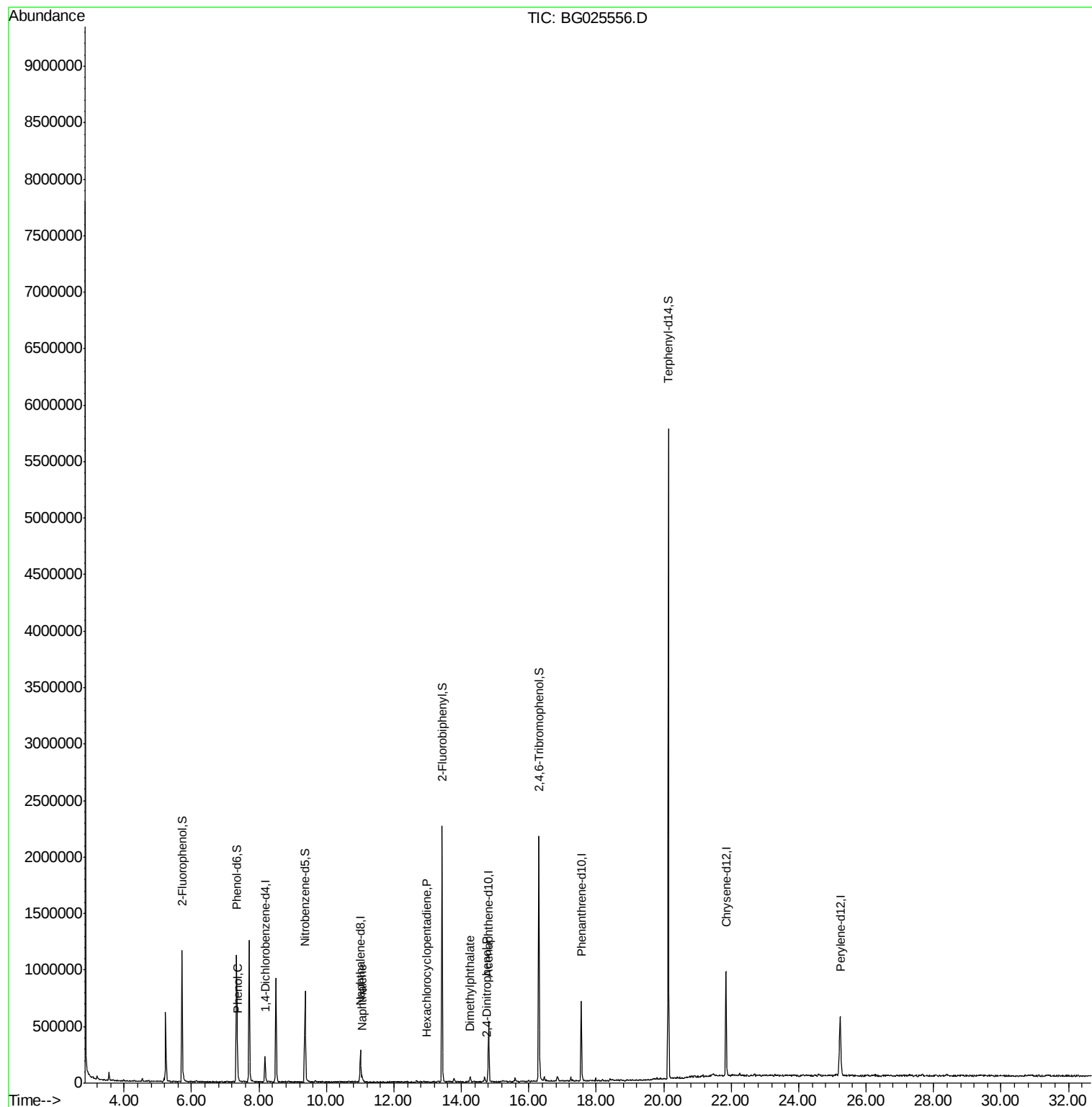
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	57207	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	237008	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	188346	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	446094	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	658803	20.00	ng	-0.02
86) Perylene-d12	25.24	264	676125	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	444159	141.13	ng	-0.02
7) Phenol-d6	7.34	99	590028	133.11	ng	-0.02
23) Nitrobenzene-d5	9.36	82	536008	99.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	436550	143.97	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1125272	96.73	ng	-0.02
78) Terphenyl-d14	20.14	244	2276059	91.60	ng	-0.02
Target Compounds						
10) Phenol	7.37	94	9995	2.03	ng	# 68
31) Naphthalene	11.06	128	42530	3.59	ng	# 88
40) Hexachlorocyclopentadiene	12.99	237	180	8.58	ng	# 29
49) Dimethylphthalate	14.26	163	32127	2.34	ng	# 92
53) 2,4-Dinitrophenol	14.76	184	68	5.11	ng	# 15

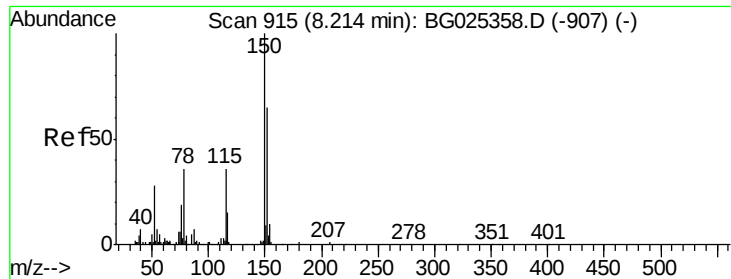
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025556.D

Acq: 21 Jan 2017 3:24

Instrument :

BNA_G

ClientSampleId :

S4-0-3FT-COMP

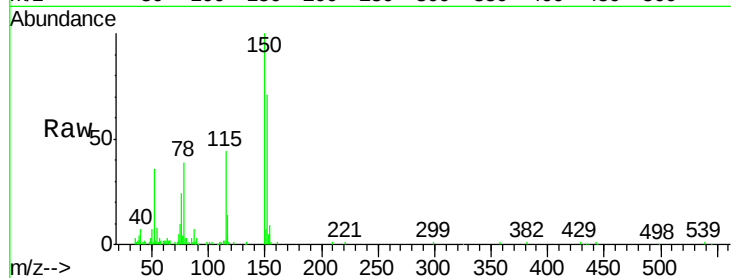
Tgt Ion:152 Resp: 57207

Ion Ratio Lower Upper

152 100

150 141.7 114.0 171.0

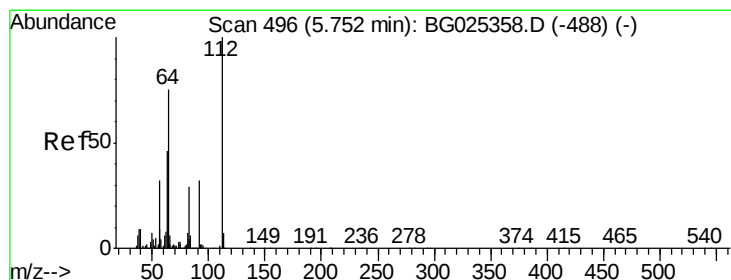
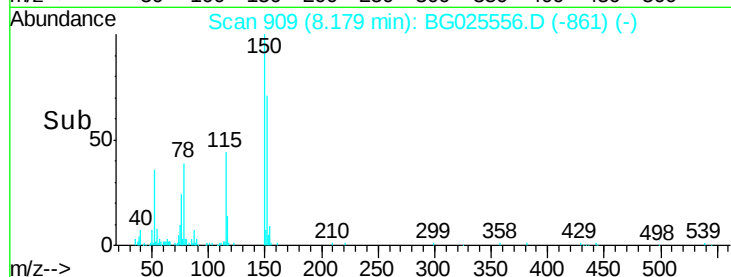
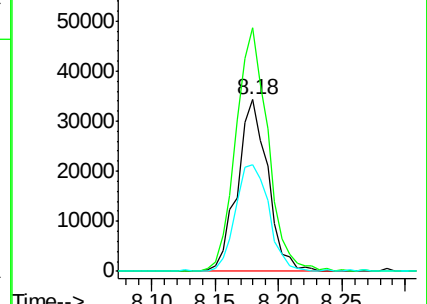
115 62.2 48.1 72.1



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: 141.13 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025556.D

Acq: 21 Jan 2017 3:24

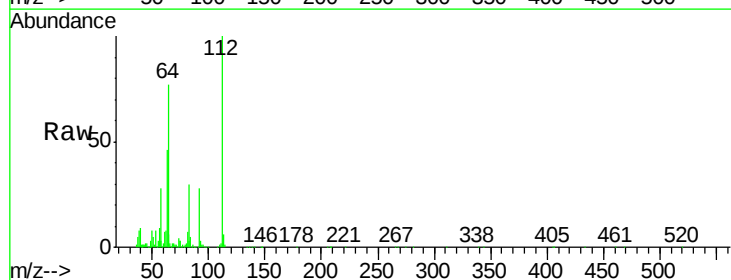
Tgt Ion:112 Resp: 444159

Ion Ratio Lower Upper

112 100

64 77.5 61.8 92.6

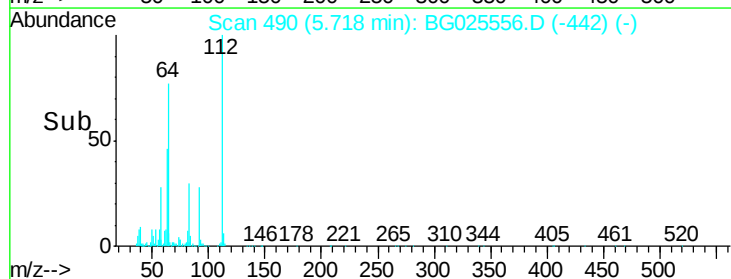
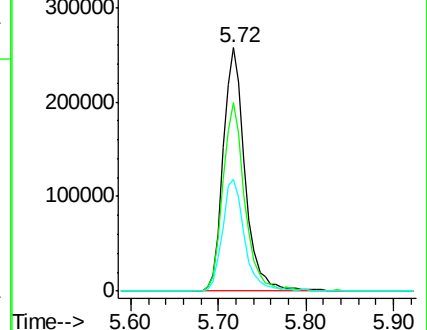
63 46.1 37.2 55.8

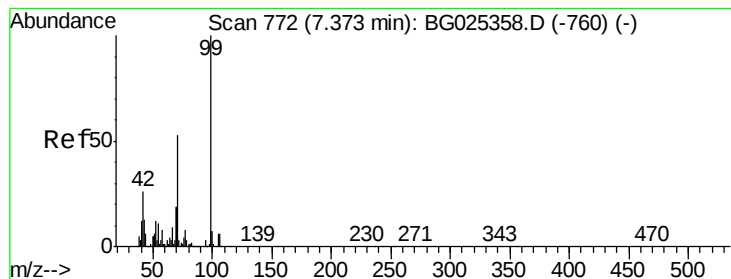


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.11 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025556.D

Acq: 21 Jan 2017 3:24

Instrument :

BNA_G

ClientSampleId :

S4-0-3FT-COMP

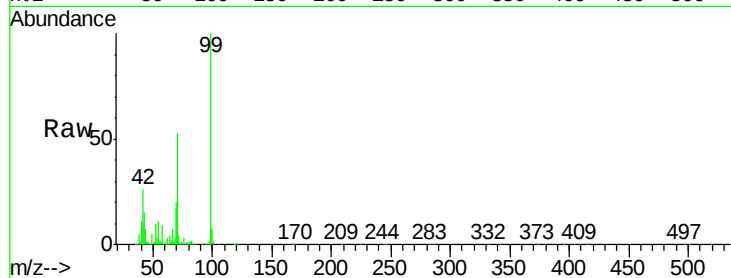
Tgt Ion: 99 Resp: 590028

Ion Ratio Lower Upper

99 100

42 25.7 20.5 30.7

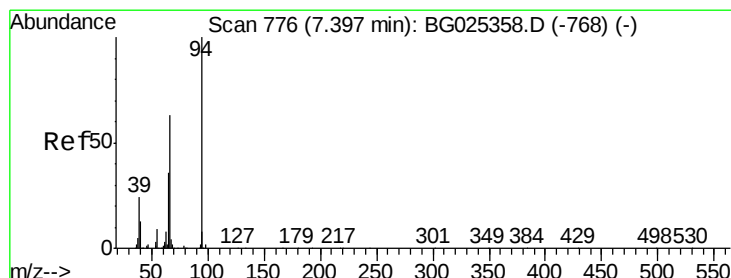
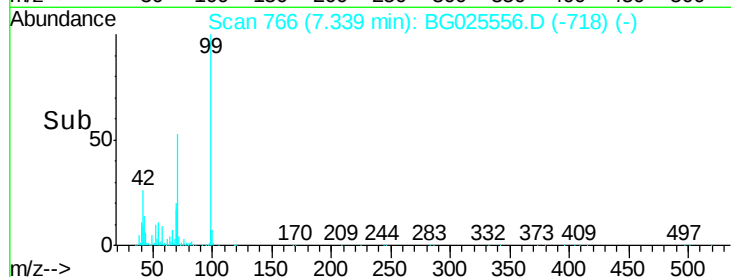
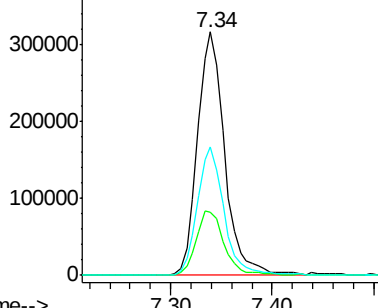
71 52.6 37.6 56.4



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



#10

Phenol

Concen: 2.03 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.02 min

Lab File: BG025556.D

Acq: 21 Jan 2017 3:24

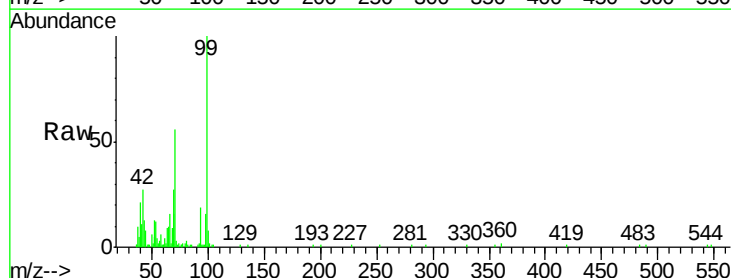
Tgt Ion: 94 Resp: 9995

Ion Ratio Lower Upper

94 100

65 53.1 20.6 60.6

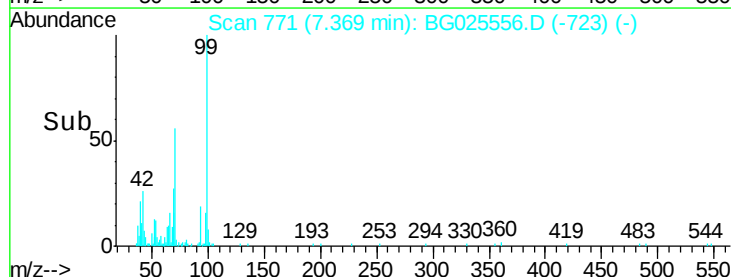
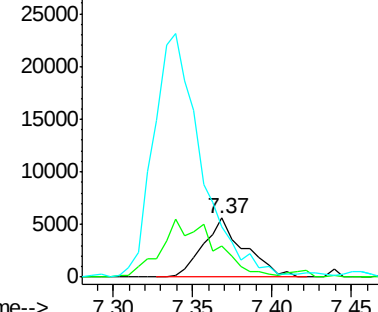
66 84.6 35.5 75.5#

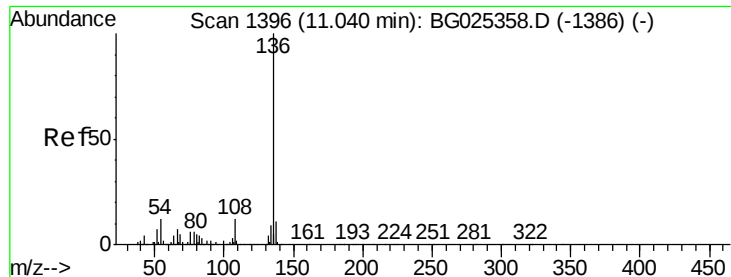


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.01 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BG025556.D

Acq: 21 Jan 2017 3:24

Instrument :

BNA_G

ClientSampleId :

S4-0-3FT-COMP

Tgt Ion:136 Resp: 237008

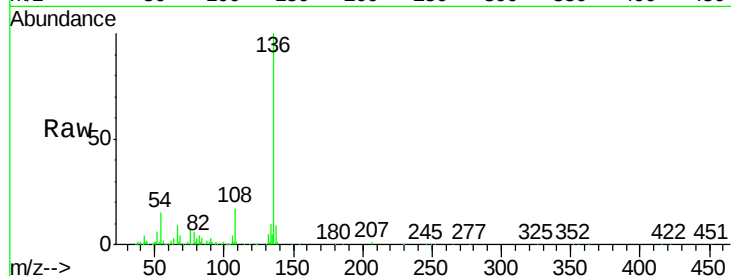
Ion Ratio Lower Upper

136 100

137 8.9 8.9 13.3

54 14.6 9.3 13.9#

68 4.4 5.1 7.7#

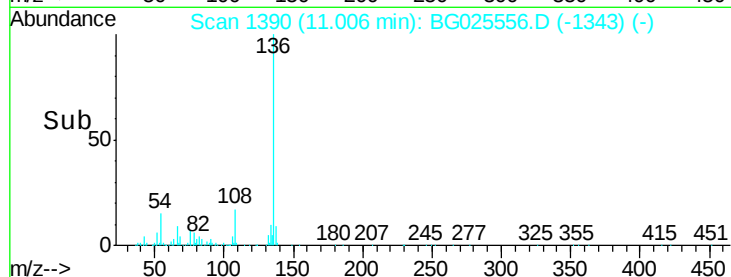


Abundance Ion 136.00 (135.70 to 136.70): E

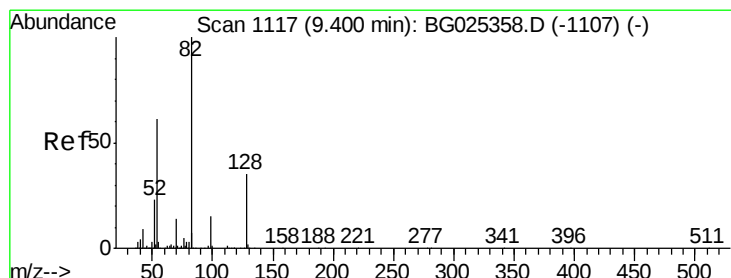
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#23

Nitrobenzene-d5

Concen: 99.91 ng

RT: 9.36 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG025556.D

Acq: 21 Jan 2017 3:24

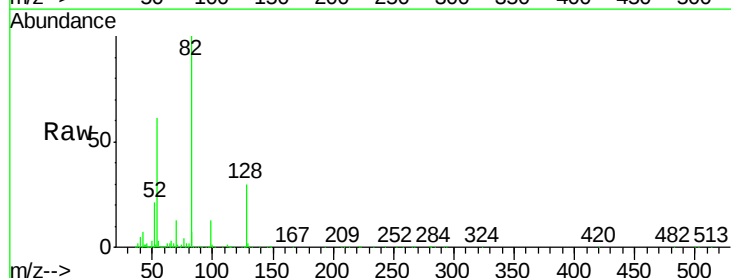
Tgt Ion: 82 Resp: 536008

Ion Ratio Lower Upper

82 100

128 29.7 26.4 39.6

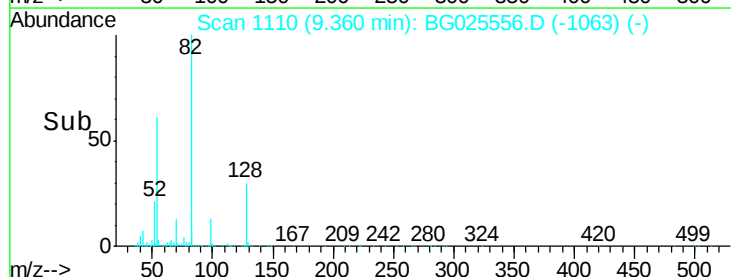
54 61.0 49.4 74.2



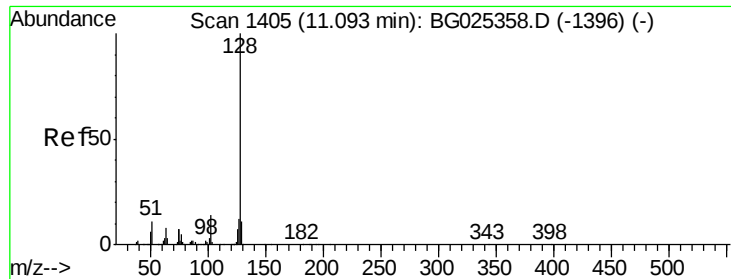
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



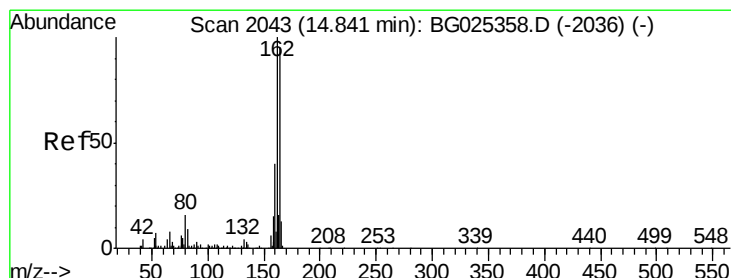
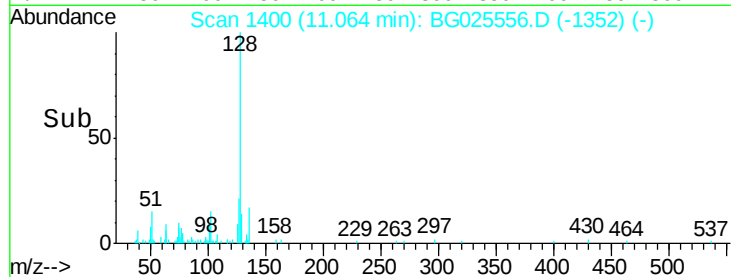
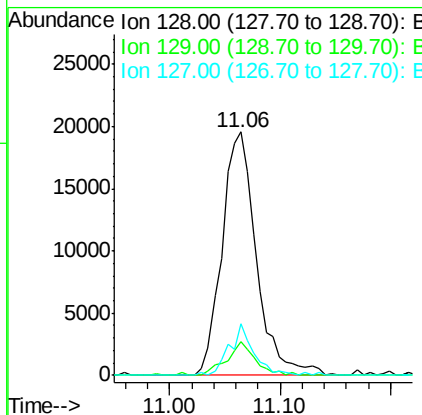
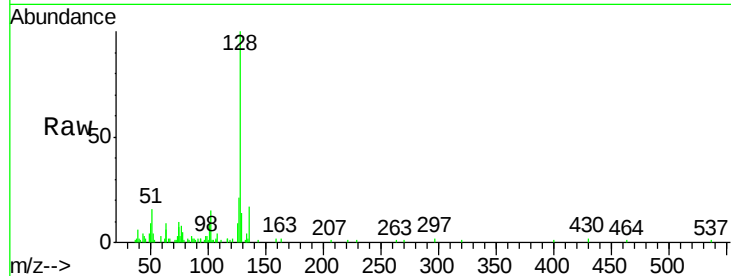
Time-->



#31
Naphthalene
Concen: 3.59 ng
RT: 11.06 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

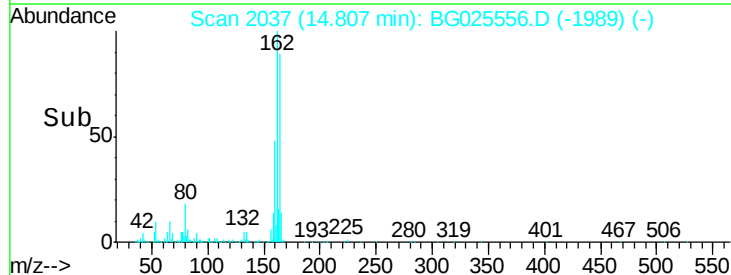
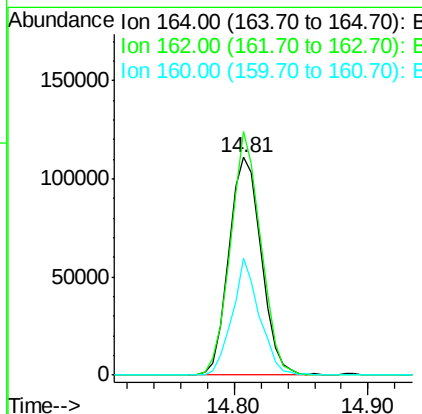
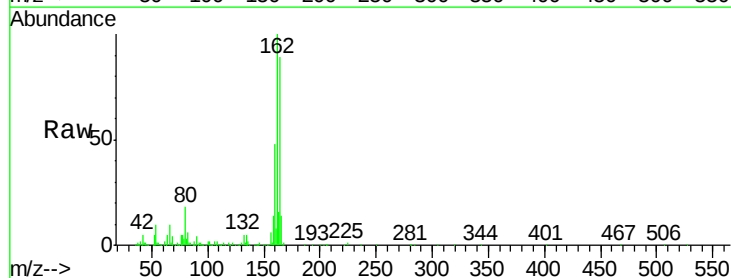
Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

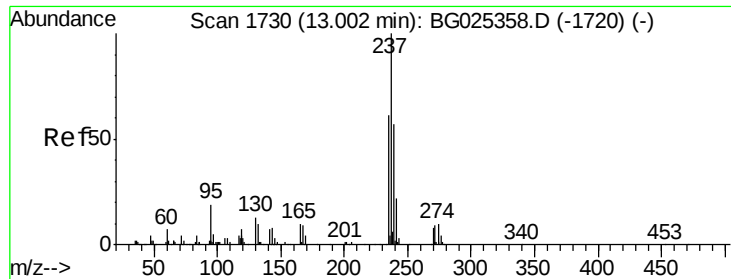
Tgt Ion:128 Resp: 42530
Ion Ratio Lower Upper
128 100
129 13.7 9.3 13.9
127 21.1 11.4 17.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Tgt Ion:164 Resp: 188346
Ion Ratio Lower Upper
164 100
162 111.9 85.1 127.7
160 53.4 34.7 52.1#

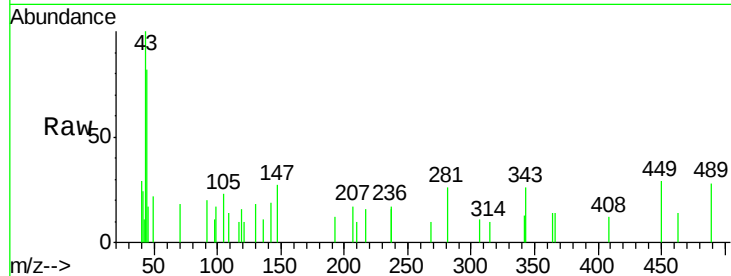




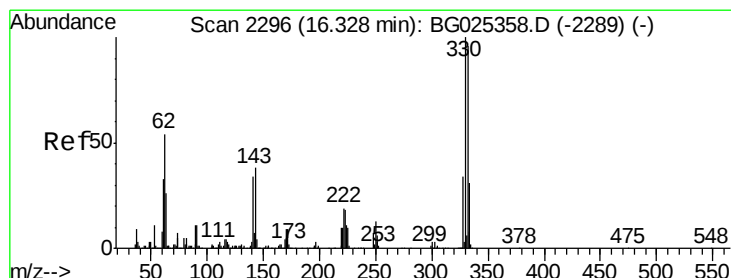
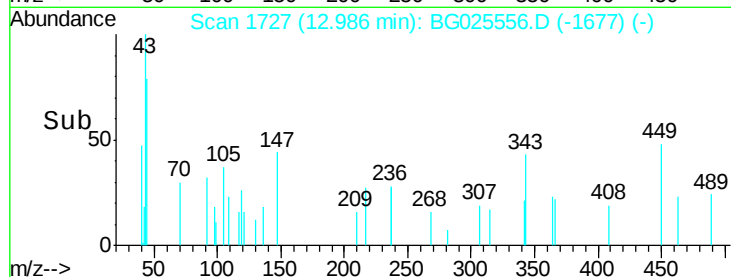
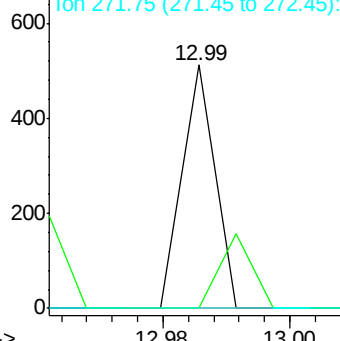
#40
Hexachlorocyclopentadiene
Concen: 8.58 ng
RT: 12.99 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

Tgt Ion: 237 Resp: 180
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0

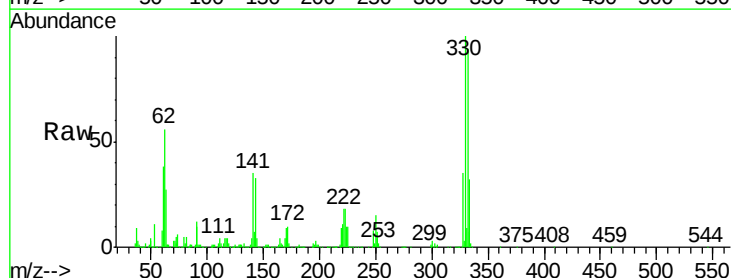


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

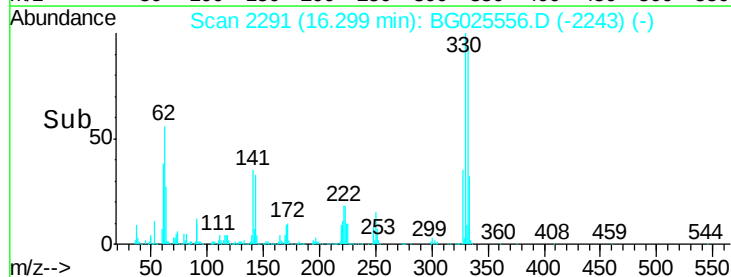
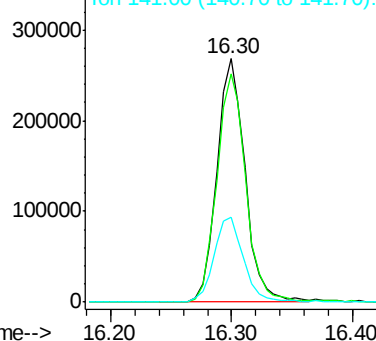


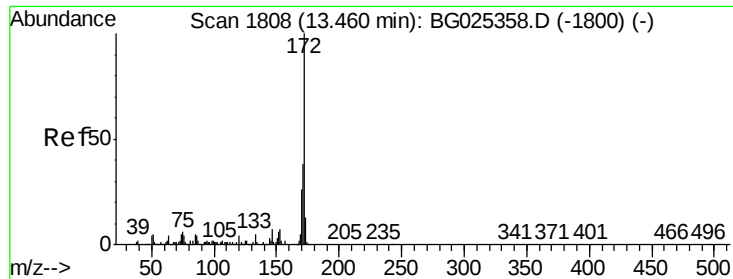
#41
2,4,6-Tribromophenol
Concen: 143.97 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Tgt Ion: 330 Resp: 436550
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 36.4 32.1 48.1



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

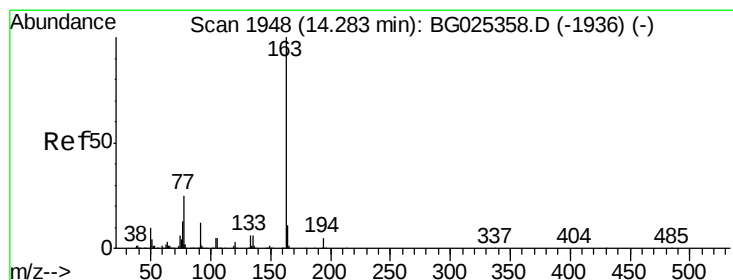
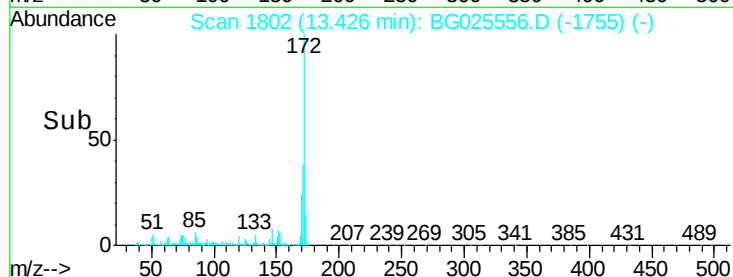
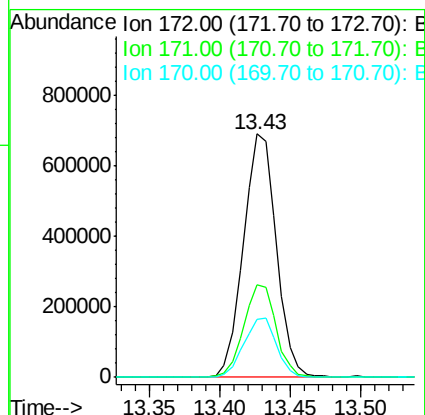
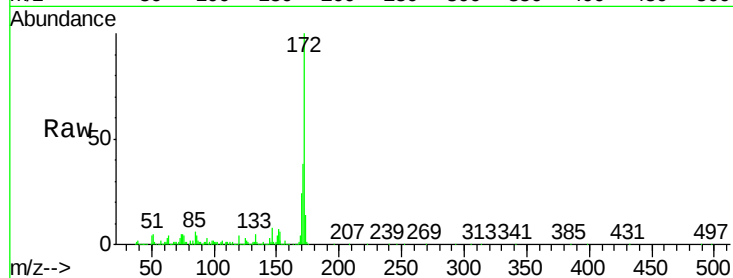




#44
2-Fluorobiphenyl
Concen: 96.73 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

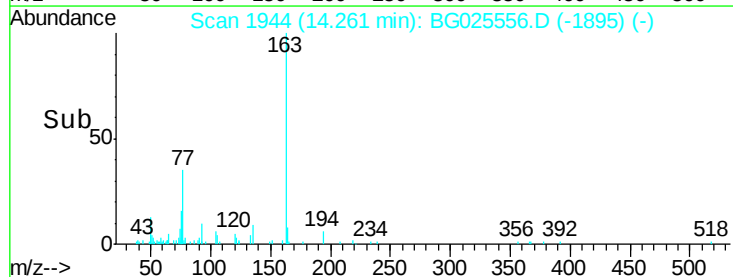
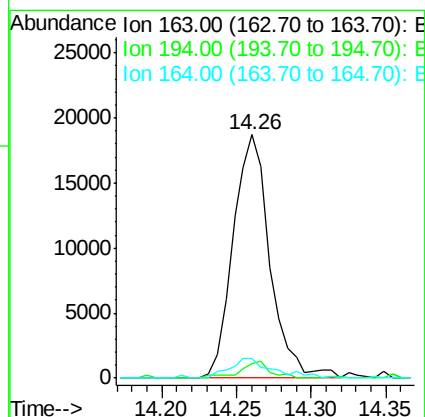
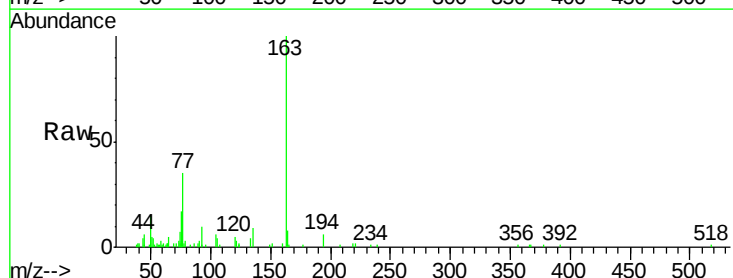
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S4-0-3FT-COMP

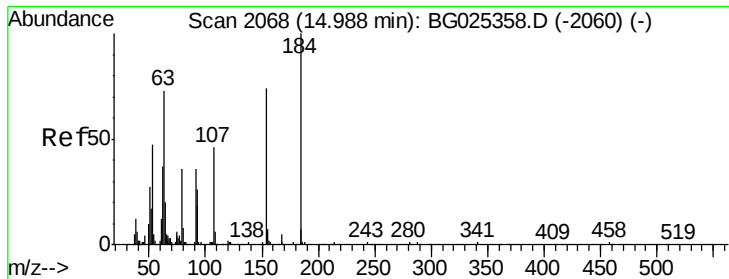
Tgt Ion:172 Resp: 1125272
Ion Ratio Lower Upper
172 100
171 38.2 32.2 48.2
170 24.0 21.8 32.6



#49
Dimethylphthalate
Concen: 2.34 ng
RT: 14.26 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Tgt Ion:163 Resp: 32127
Ion Ratio Lower Upper
163 100
194 6.2 3.8 5.6#
164 7.8 9.3 13.9#

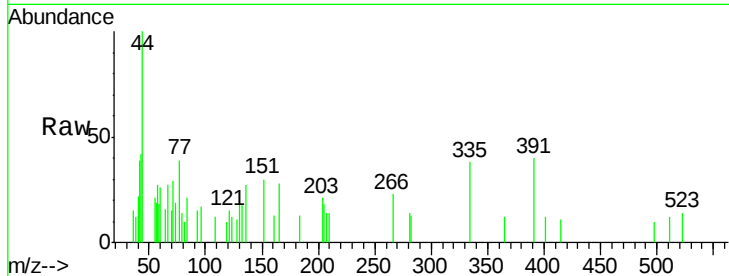




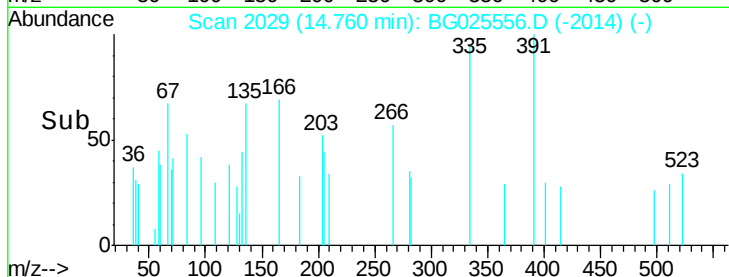
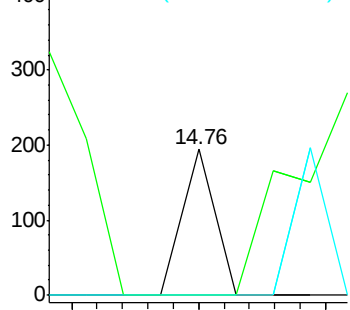
#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.21 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

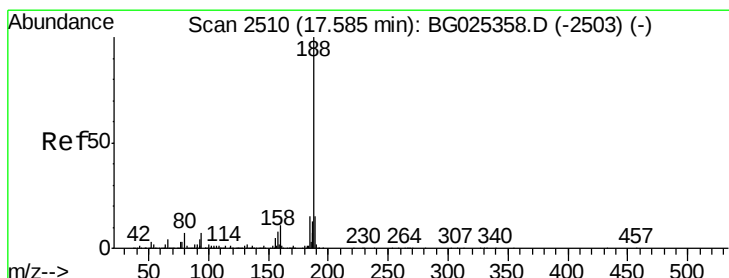
Tgt Ion:184 Resp: 68
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

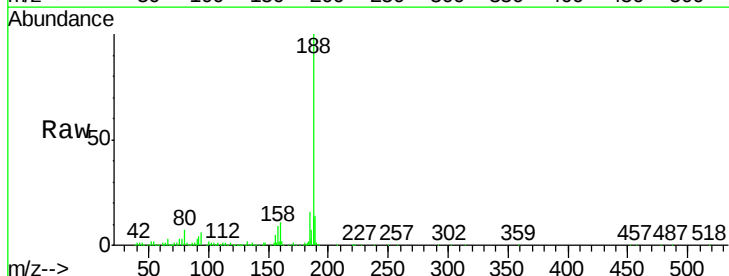


Time-->

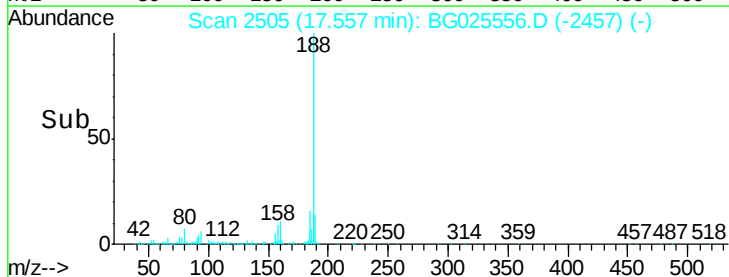
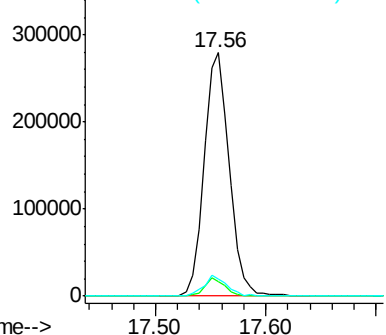


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

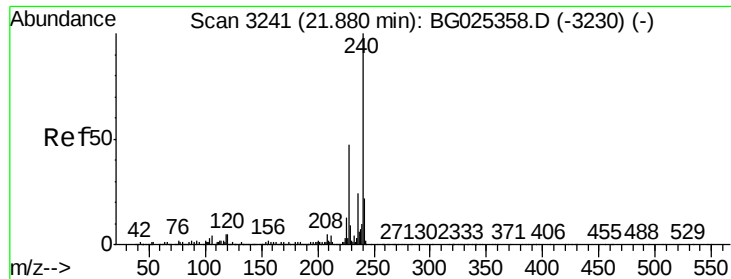
Tgt Ion:188 Resp: 446094
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 6.8 7.5 11.3#



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



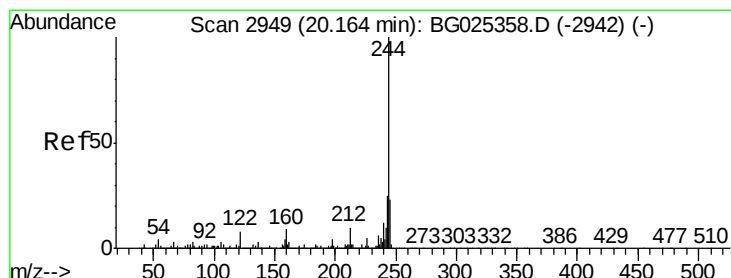
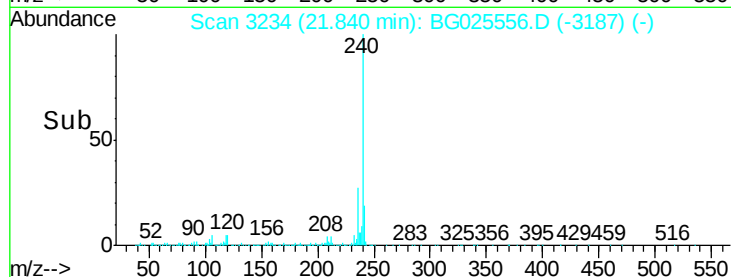
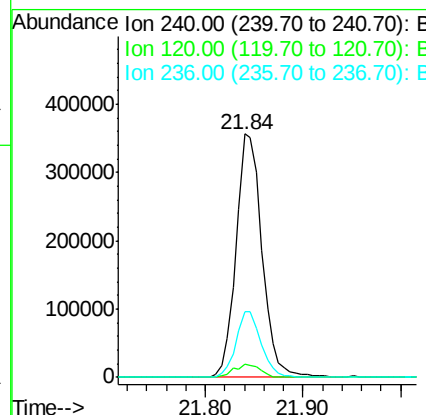
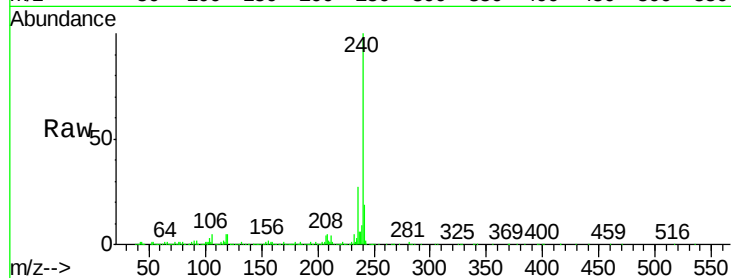
Time-->



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

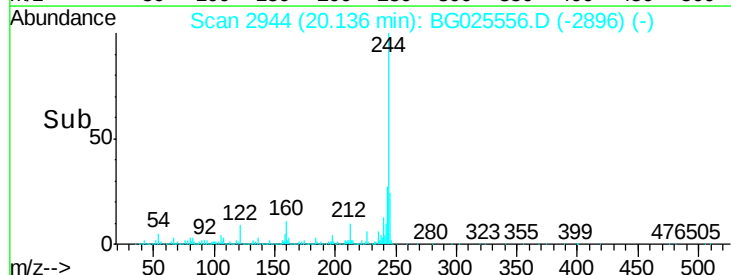
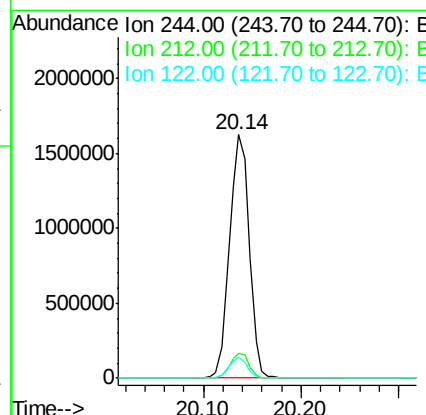
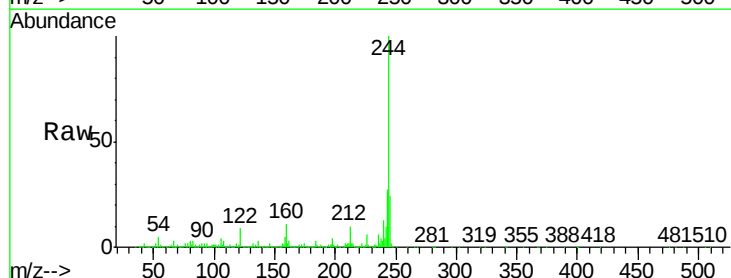
Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

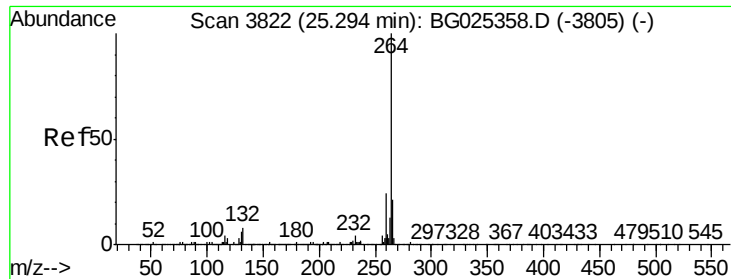
Tgt Ion:240 Resp: 658803
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 27.0 22.2 33.4



#78
Terphenyl-d14
Concen: 91.60 ng
RT: 20.14 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Tgt Ion:244 Resp: 2276059
Ion Ratio Lower Upper
244 100
212 10.3 10.0 15.0
122 8.7 8.6 12.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3812
 Delta R.T. -0.03 min
 Lab File: BG025556.D
 Acq: 21 Jan 2017 3:24

Instrument :
 BNA_G
 ClientSampleId :
 S4-0-3FT-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.8	32.8
265	20.1	18.2	27.4

