

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025548.D
 Acq On : 20 Jan 2017 21:23
 Operator : UM/SJ
 Sample : I1347-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMP

Quant Time: Jan 21 00:13:31 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

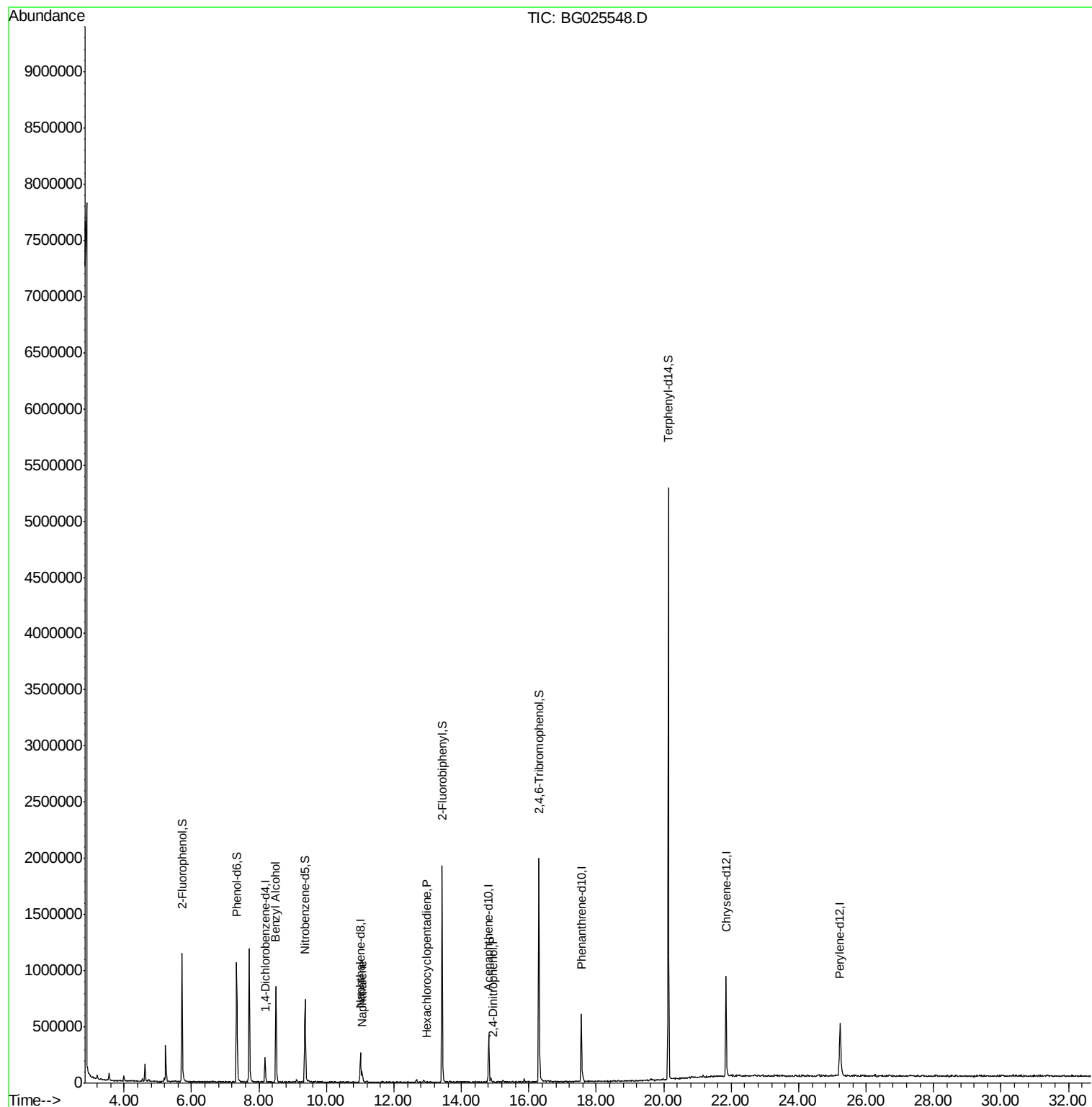
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	53182	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	215131	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	167995	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	391176	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	625620	20.00	ng	-0.02
86) Perylene-d12	25.22	264	545937	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	432589	147.85	ng	-0.02
7) Phenol-d6	7.34	99	556525	135.06	ng	-0.02
23) Nitrobenzene-d5	9.37	82	477288	98.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	397326	146.91	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1005867	96.94	ng	-0.02
78) Terphenyl-d14	20.14	244	2259565	95.76	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.50	79	9043	2.30	ng	# 52
31) Naphthalene	11.06	128	82849	7.71	ng	97
40) Hexachlorocyclopentadiene	12.96	237	76	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.94	184	87	5.12	ng	# 46

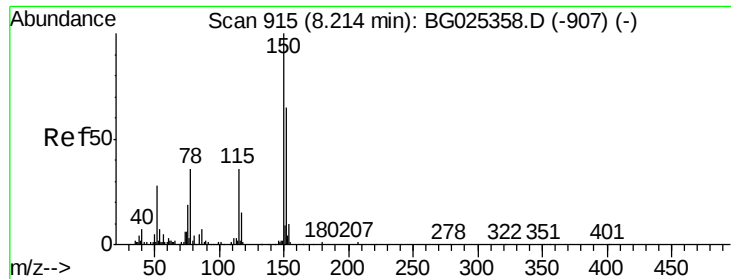
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025548.D

Acq: 20 Jan 2017 21:23

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

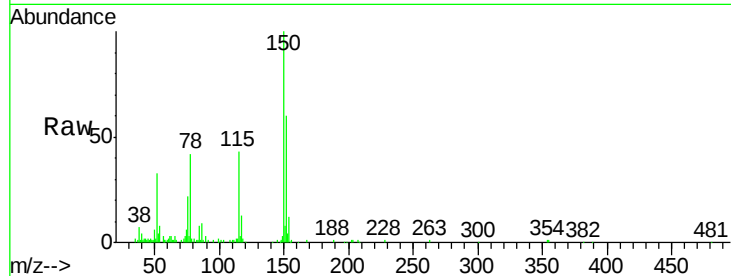
Tgt Ion:152 Resp: 53182

Ion Ratio Lower Upper

152 100

150 168.1 114.0 171.0

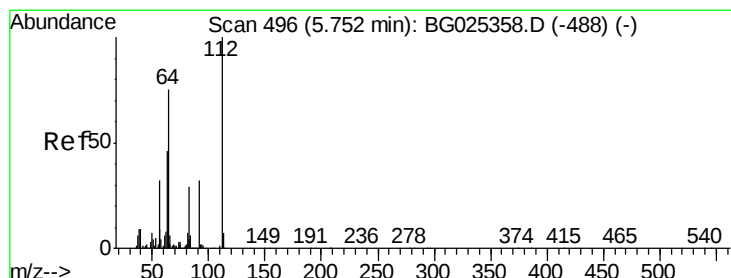
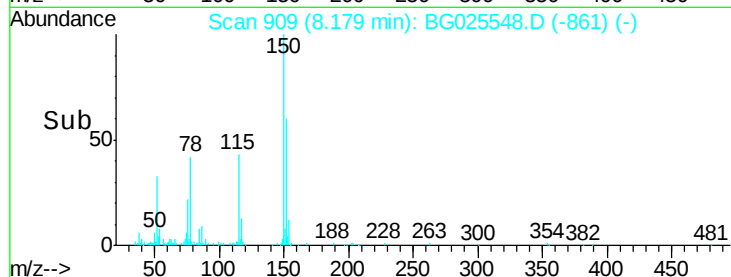
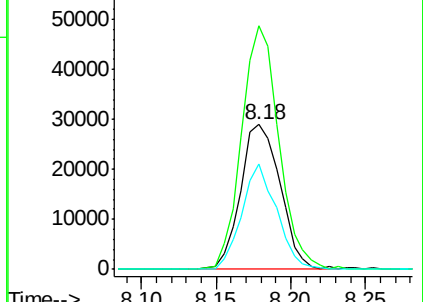
115 72.5 48.1 72.1#



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: 147.85 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025548.D

Acq: 20 Jan 2017 21:23

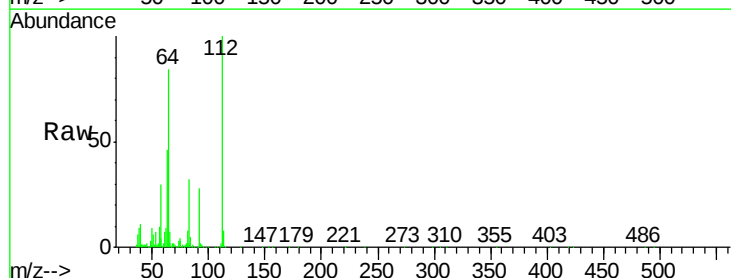
Tgt Ion:112 Resp: 432589

Ion Ratio Lower Upper

112 100

64 84.1 61.8 92.6

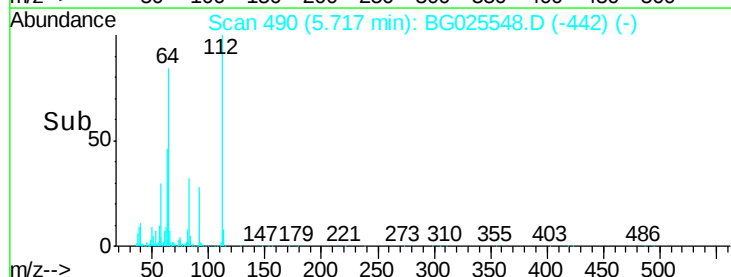
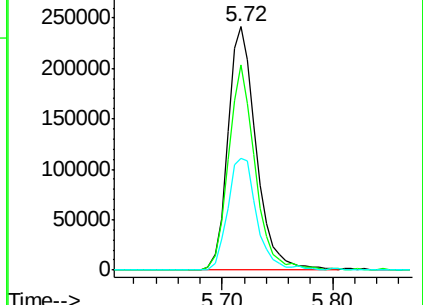
63 46.0 37.2 55.8

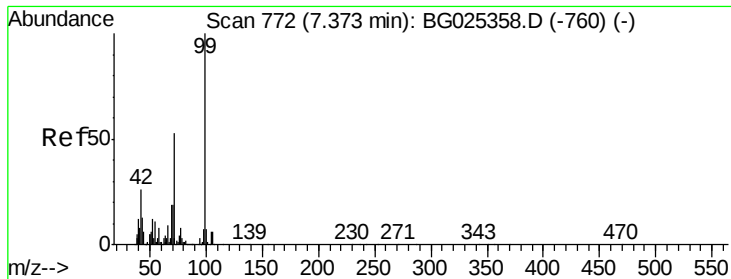


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 135.06 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025548.D

Acq: 20 Jan 2017 21:23

Instrument :

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ClientSampleId :

BLACK-FILL1-0-5FT-COMP

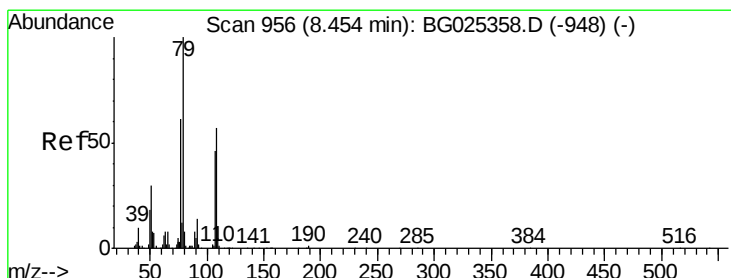
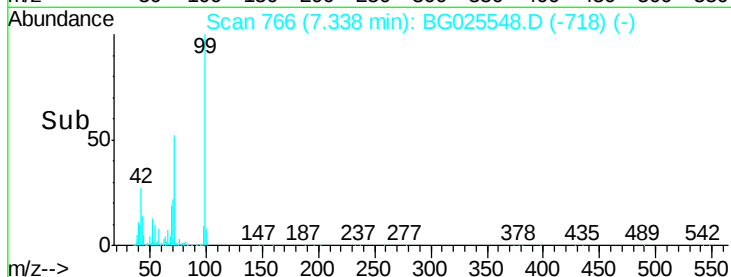
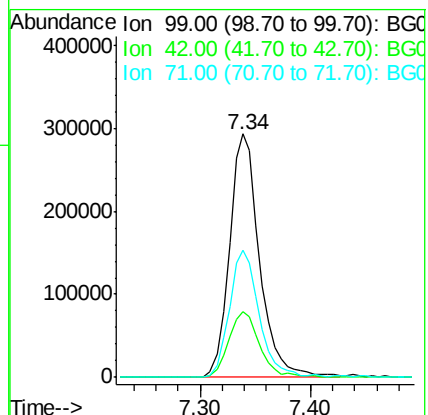
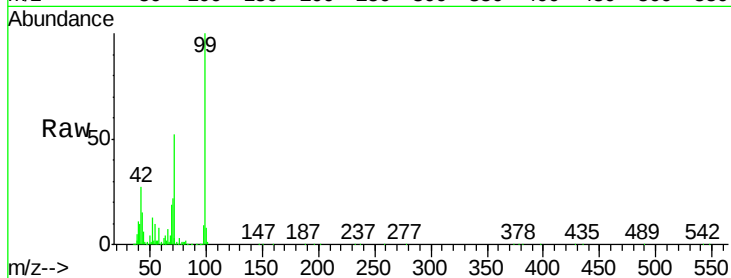
Tgt Ion: 99 Resp: 55625

Ion Ratio Lower Upper

99 100

42 26.9 20.5 30.7

71 52.3 37.6 56.4



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 8.50 min Scan# 963

Delta R.T. 0.05 min

Lab File: BG025548.D

Acq: 20 Jan 2017 21:23

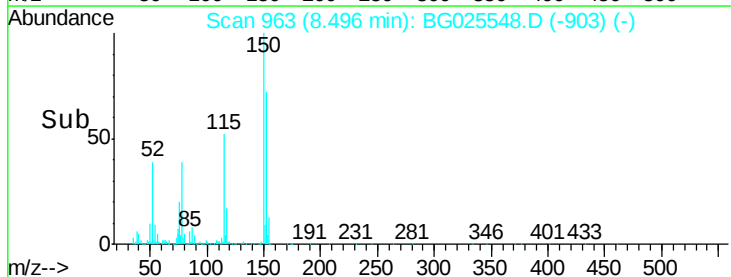
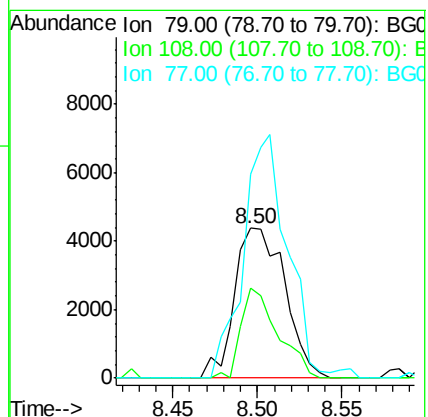
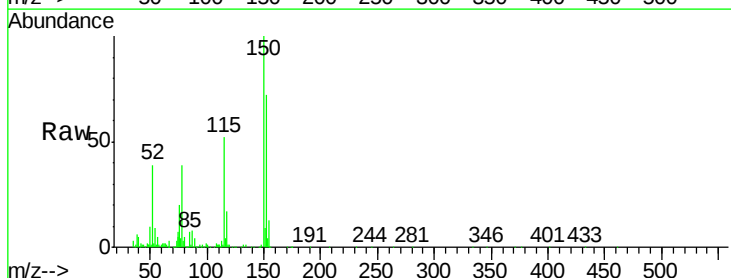
Tgt Ion: 79 Resp: 9043

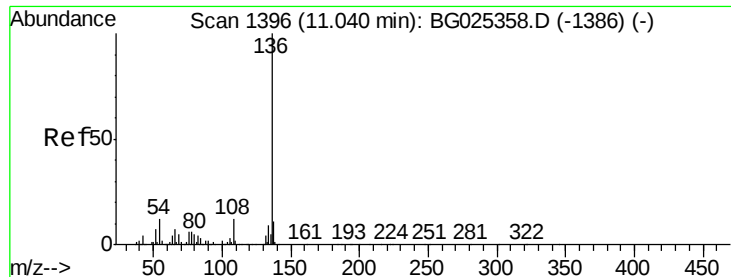
Ion Ratio Lower Upper

79 100

108 60.4 45.5 68.3

77 136.6 54.3 81.5#

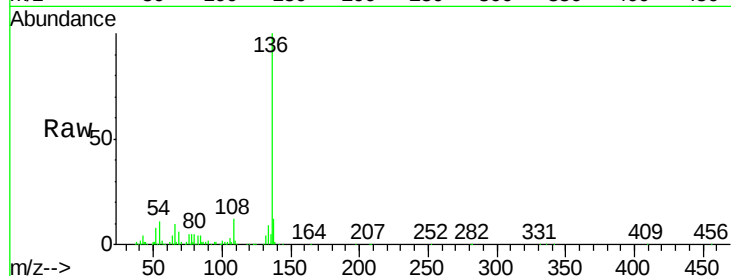




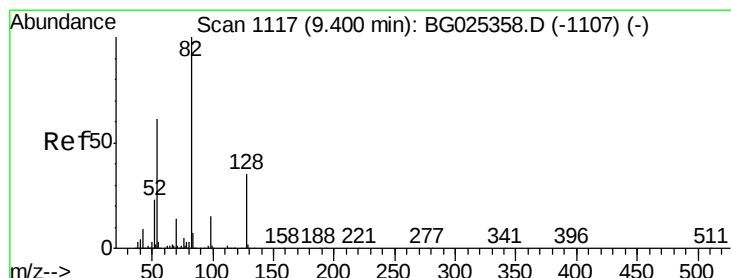
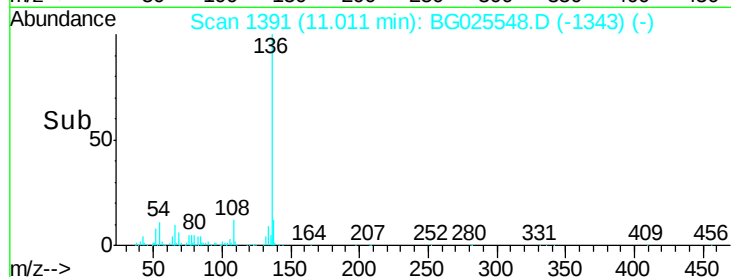
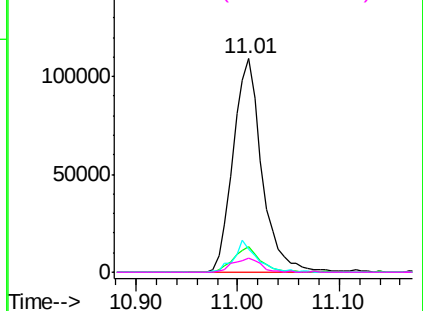
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Tgt Ion:	136	Resp:	215131
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	10.8	9.3	13.9
68	6.4	5.1	7.7

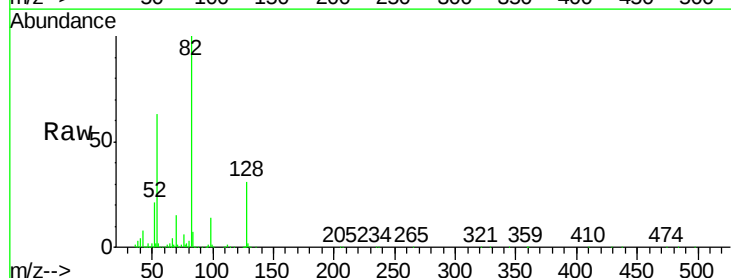


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

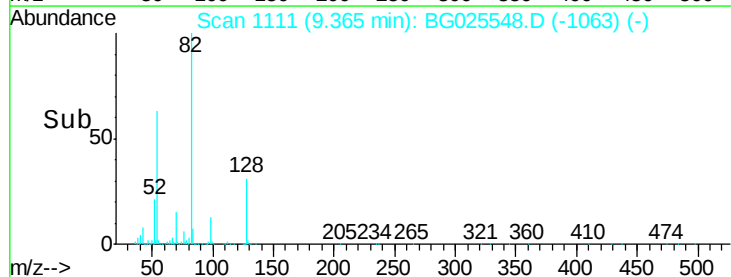
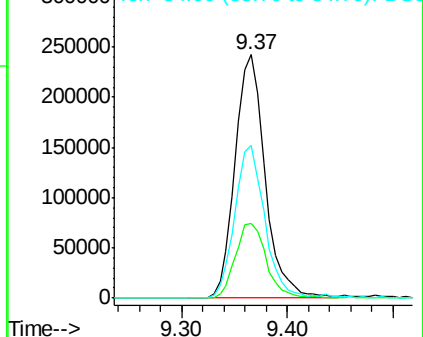


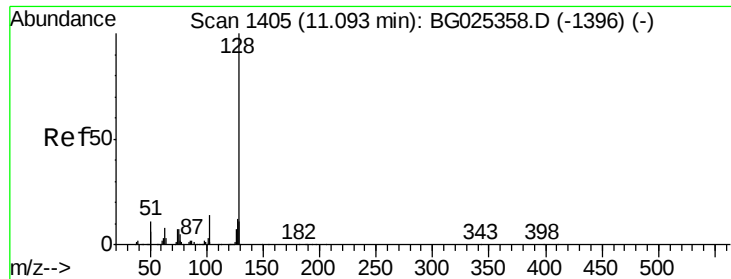
#23
Nitrobenzene-d5
Concen: 98.01 ng
RT: 9.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Tgt Ion:	82	Resp:	477288
Ion	Ratio	Lower	Upper
82	100		
128	30.8	26.4	39.6
54	62.6	49.4	74.2



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

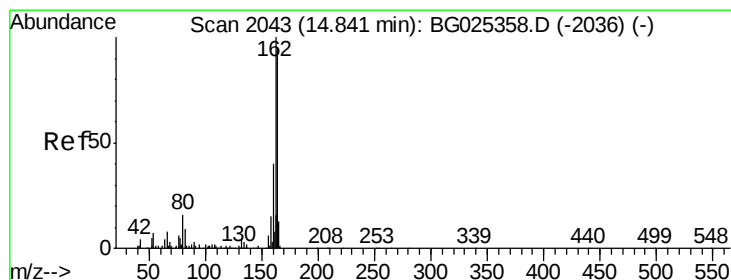
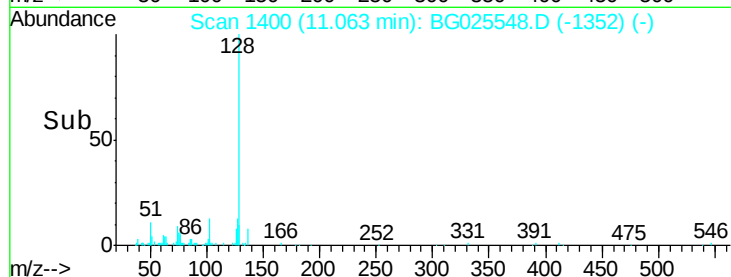
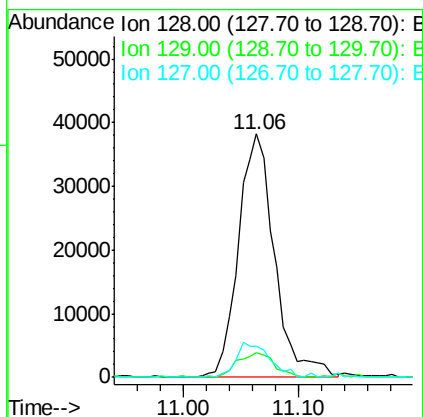
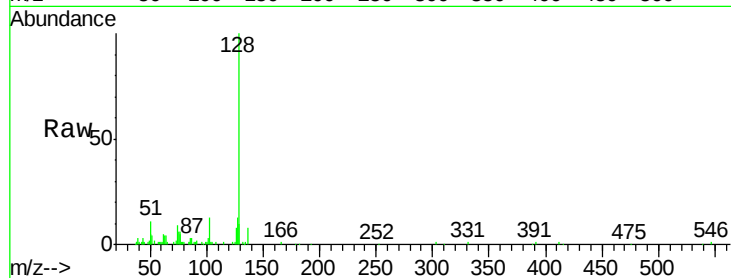




#31
Naphthalene
Concen: 7.71 ng
RT: 11.06 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

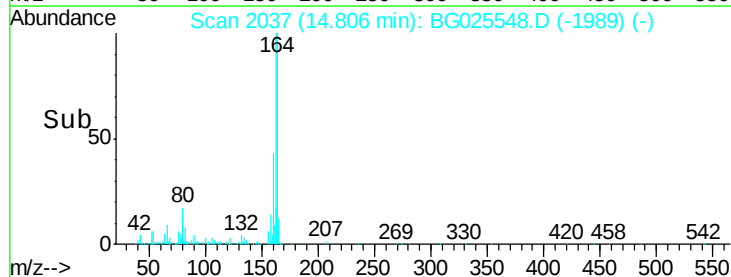
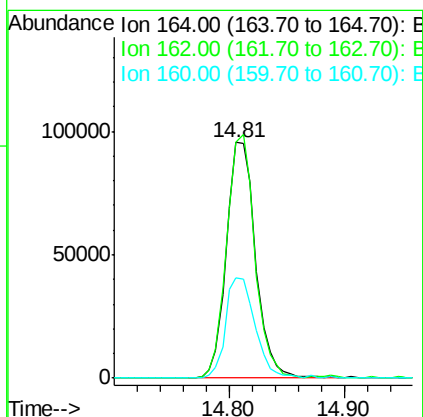
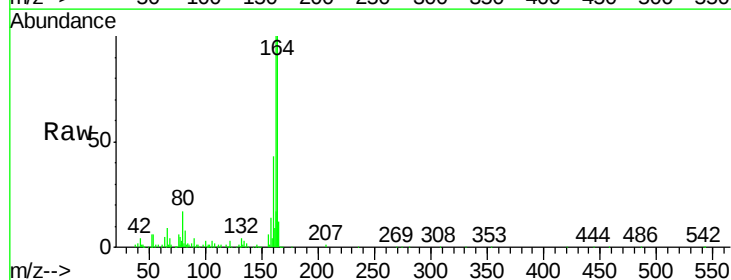
Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

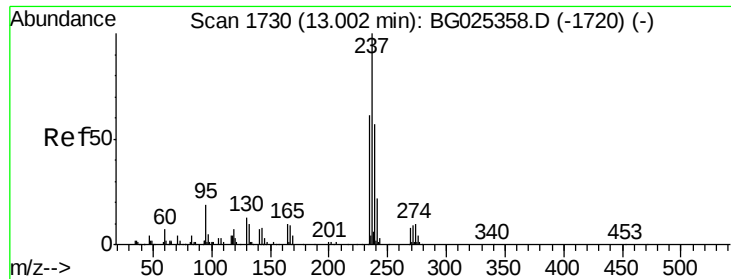
Tgt Ion:128 Resp: 82849
Ion Ratio Lower Upper
128 100
129 10.3 9.3 13.9
127 12.9 11.4 17.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Tgt Ion:164 Resp: 167995
Ion Ratio Lower Upper
164 100
162 100.2 85.1 127.7
160 42.6 34.7 52.1





#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 12.96 min Scan# 1723

Delta R.T. -0.03 min

Lab File: BG025548.D

Acq: 20 Jan 2017 21:23

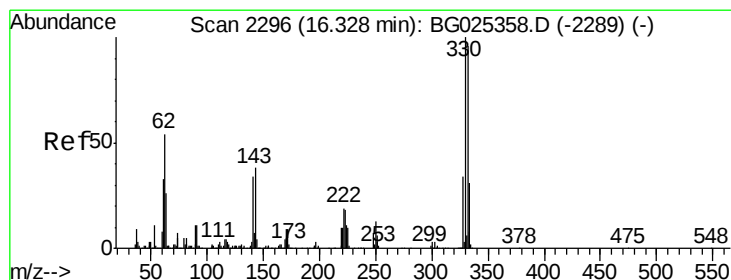
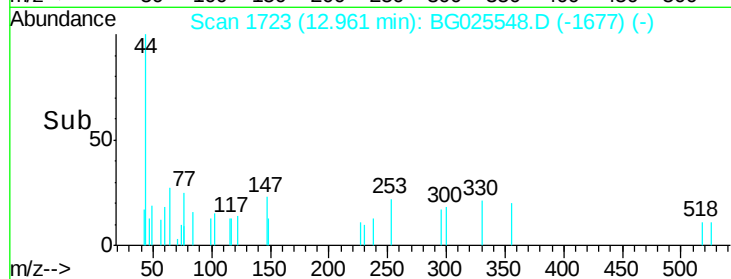
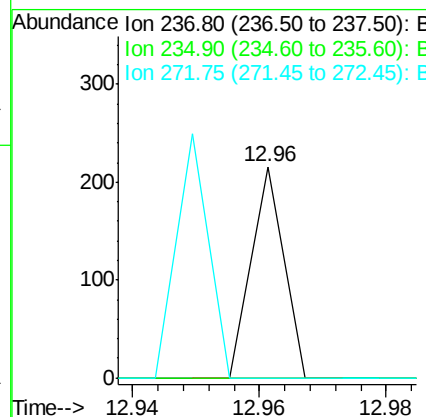
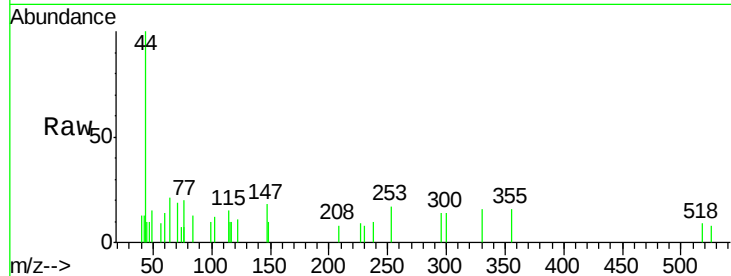
Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

Tgt Ion:	237	Resp:	76
Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



#41

2,4,6-Tribromophenol

Concen: 146.91 ng

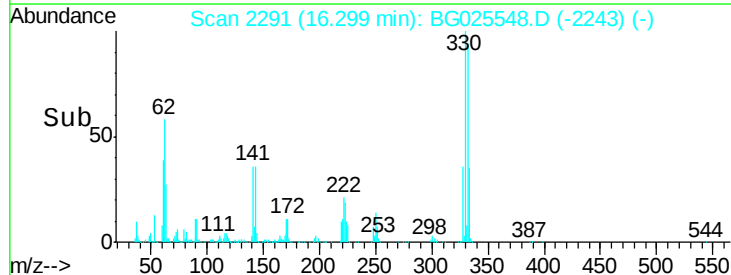
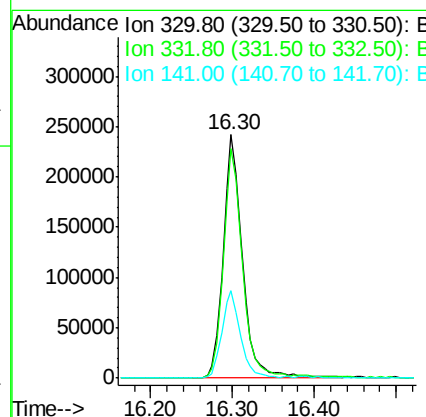
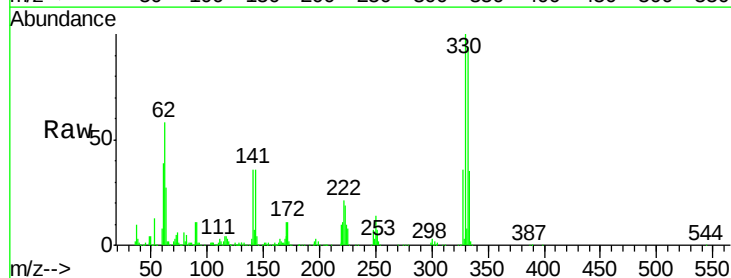
RT: 16.30 min Scan# 2291

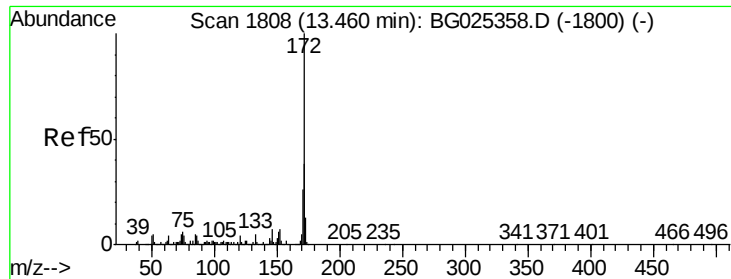
Delta R.T. -0.02 min

Lab File: BG025548.D

Acq: 20 Jan 2017 21:23

Tgt Ion:	330	Resp:	397326
Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.3	115.9
141	34.6	32.1	48.1

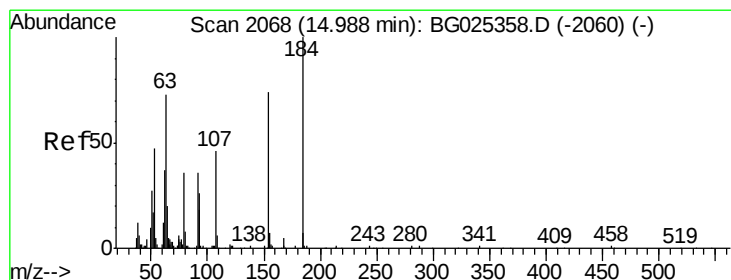
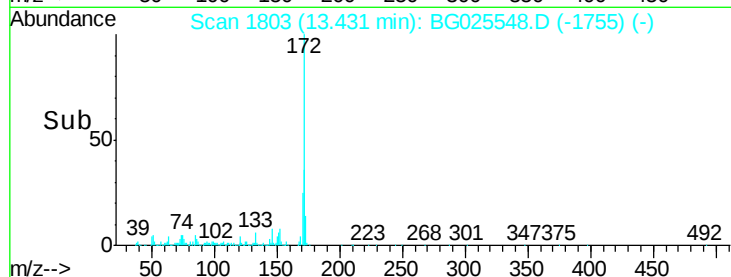
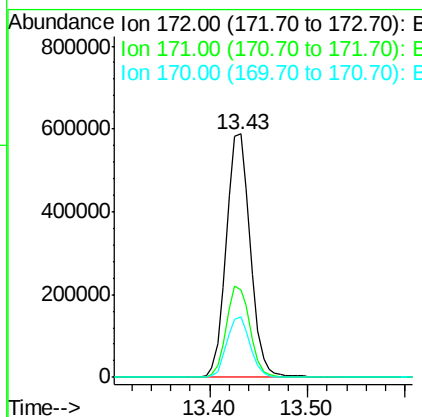
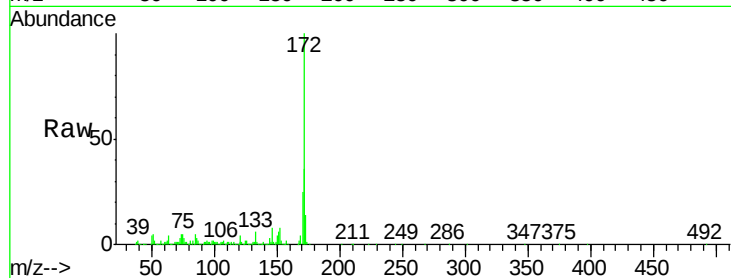




#44
2-Fluorobiphenyl
Concen: 96.94 ng
RT: 13.43 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

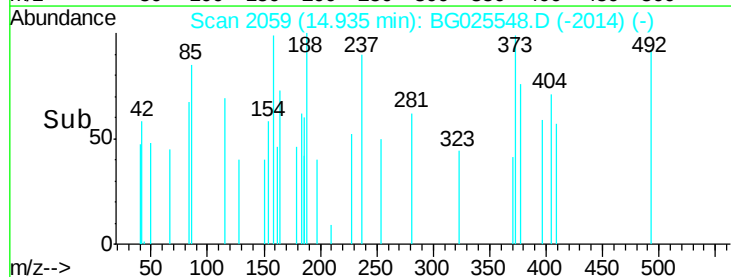
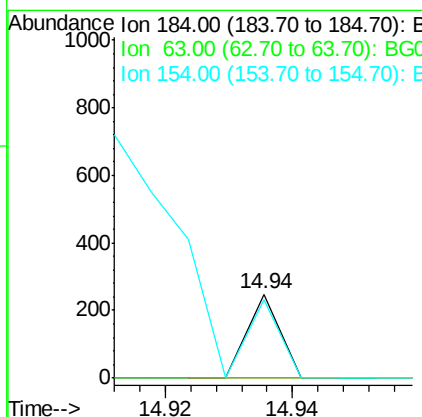
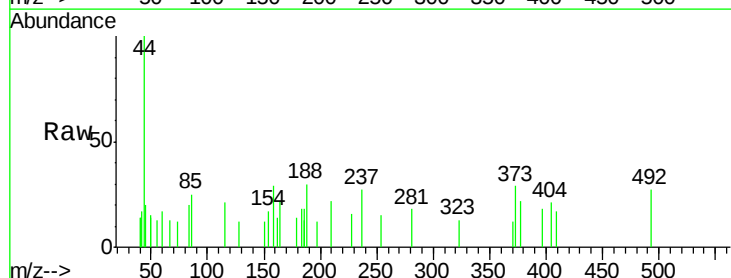
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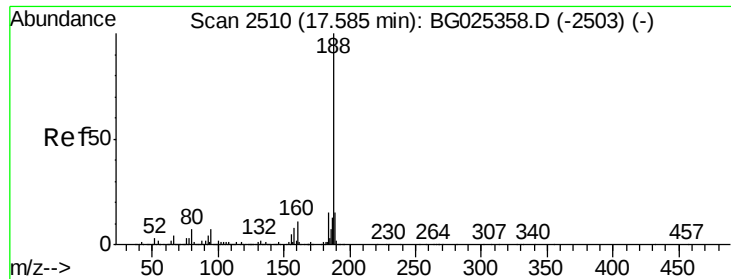
Tgt Ion:172 Resp: 1005867
Ion Ratio Lower Upper
172 100
171 36.2 32.2 48.2
170 24.6 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 5.12 ng
RT: 14.94 min Scan# 2059
Delta R.T. -0.04 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Tgt Ion:184 Resp: 87
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 93.5 57.3 85.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025548.D

Acq: 20 Jan 2017 21:23

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

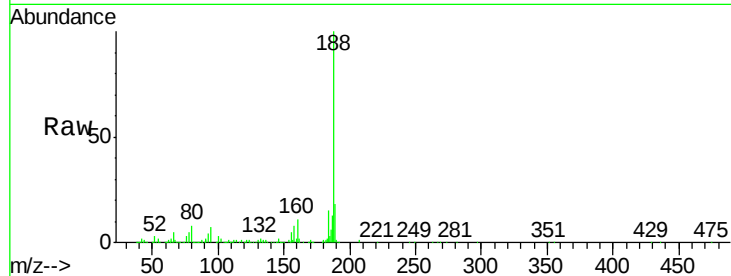
Tgt Ion:188 Resp: 391176

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

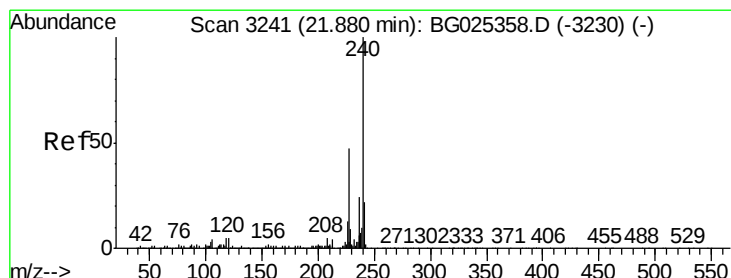
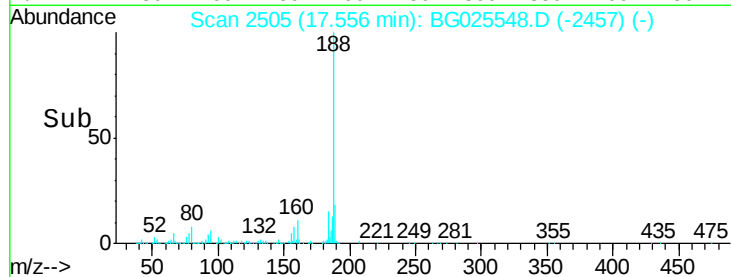
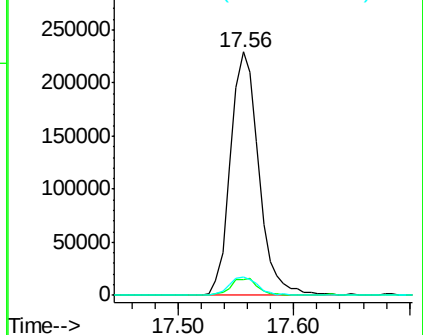
80 7.6 7.5 11.3



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: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025548.D

Acq: 20 Jan 2017 21:23

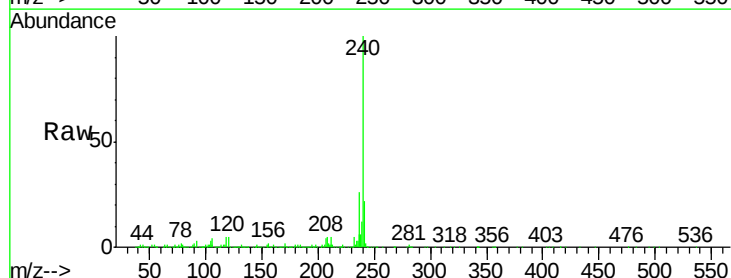
Tgt Ion:240 Resp: 625620

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

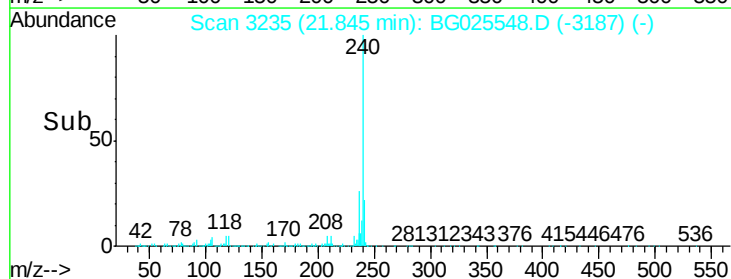
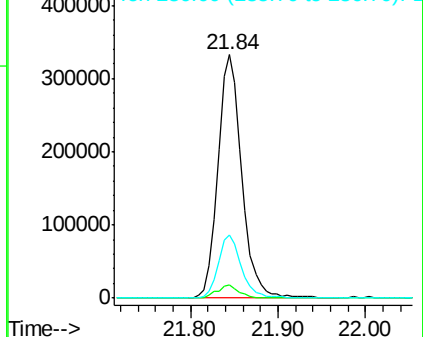
236 26.0 22.2 33.4

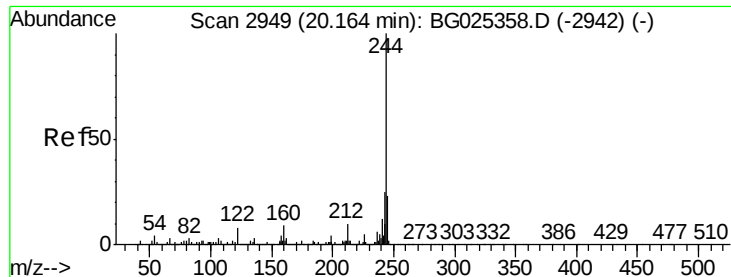


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.76 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025548.D

Acq: 20 Jan 2017 21:23

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

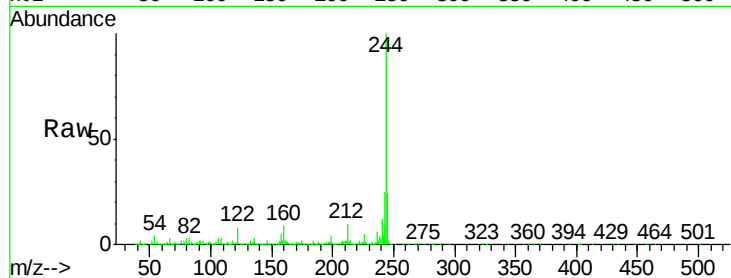
Tgt Ion:244 Resp: 2259565

Ion Ratio Lower Upper

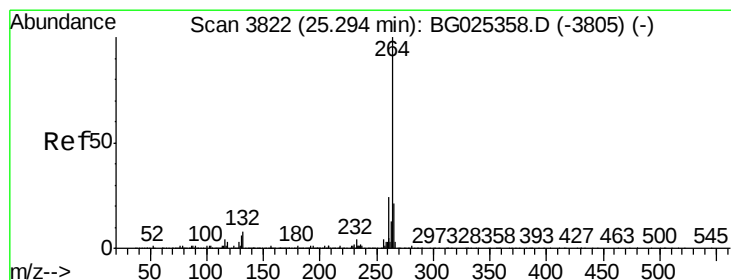
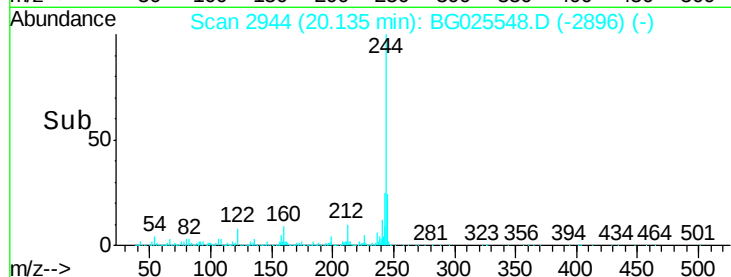
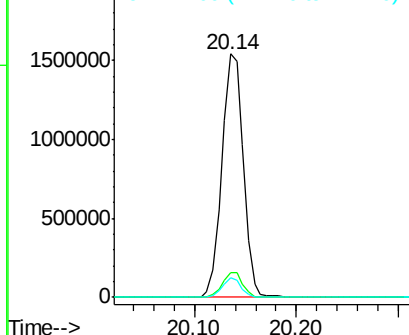
244 100

212 10.0 10.0 15.0

122 7.9 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: 25.22 min Scan# 3810

Delta R.T. -0.04 min

Lab File: BG025548.D

Acq: 20 Jan 2017 21:23

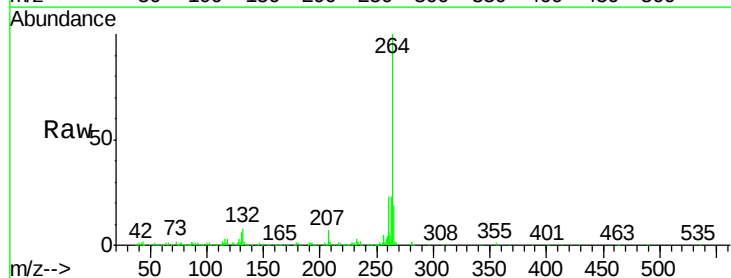
Tgt Ion:264 Resp: 545937

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 18.6 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

