

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025554.D
 Acq On : 21 Jan 2017 2:04
 Operator : UM/SJ
 Sample : I1347-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S2-0-3FT-COMP

Quant Time: Jan 21 04:10:26 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

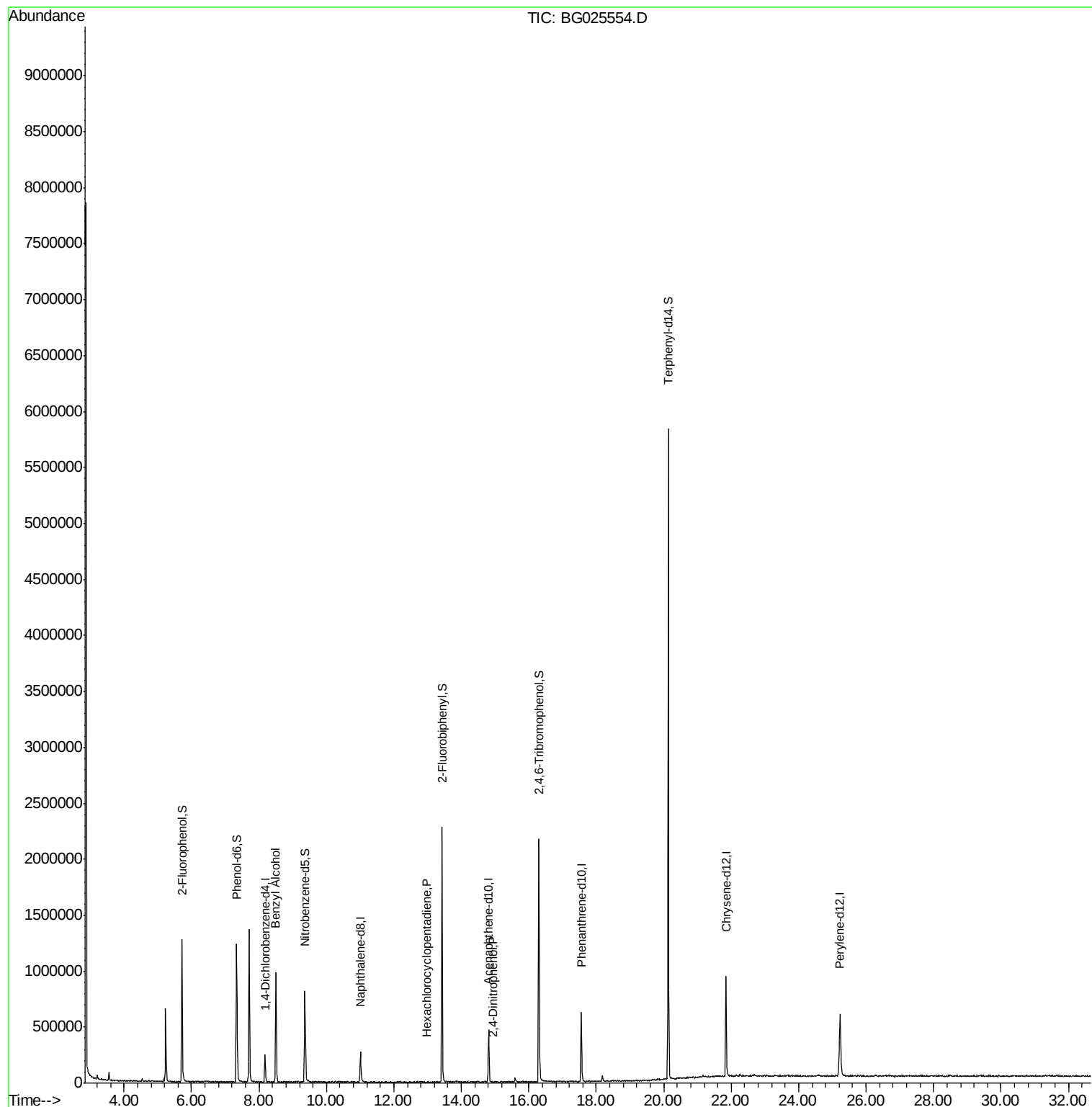
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	59137	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	228017	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	180626	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	417077	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	634579	20.00	ng	-0.02
86) Perylene-d12	25.23	264	702527	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	482635	148.35	ng	-0.02
7) Phenol-d6	7.34	99	645247	140.82	ng	-0.02
23) Nitrobenzene-d5	9.36	82	539692	104.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	451023	155.10	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1129791	101.27	ng	-0.02
78) Terphenyl-d14	20.14	244	2315305	96.74	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.51	79	10335	2.36	ng	# 44
40) Hexachlorocyclopentadiene	12.99	237	59	8.53	ng	# 29
53) 2,4-Dinitrophenol	14.93	184	54	5.10	ng	# 30

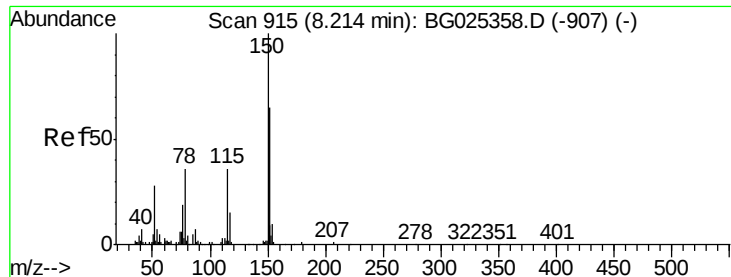
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025554.D

Acq: 21 Jan 2017 2:04

Instrument :

BNA_G

ClientSampleId :

S2-0-3FT-COMP

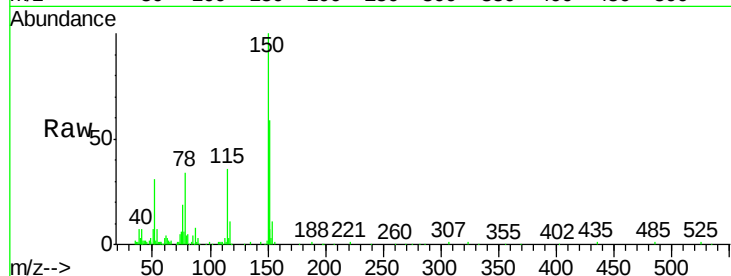
Tgt Ion:152 Resp: 59137

Ion Ratio Lower Upper

152 100

150 169.7 114.0 171.0

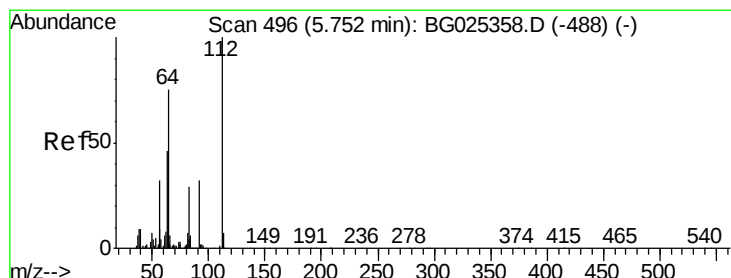
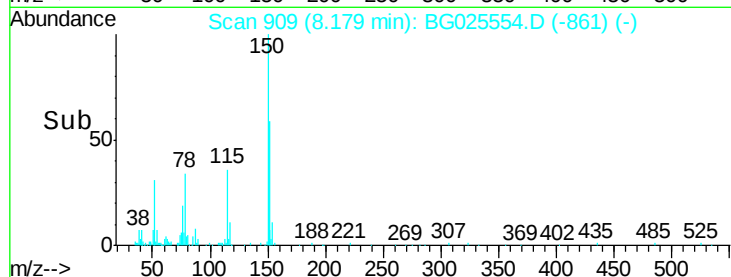
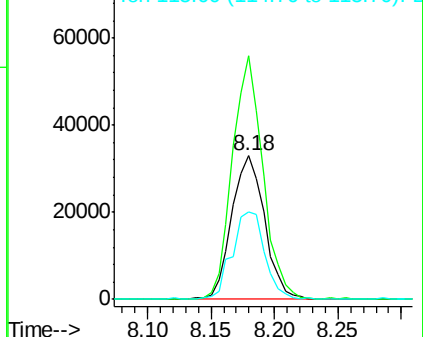
115 61.0 48.1 72.1



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: 148.35 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025554.D

Acq: 21 Jan 2017 2:04

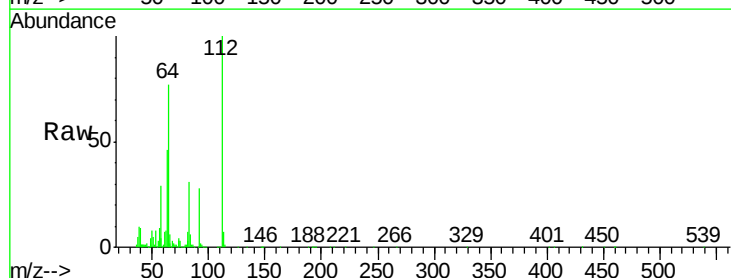
Tgt Ion:112 Resp: 482635

Ion Ratio Lower Upper

112 100

64 76.9 61.8 92.6

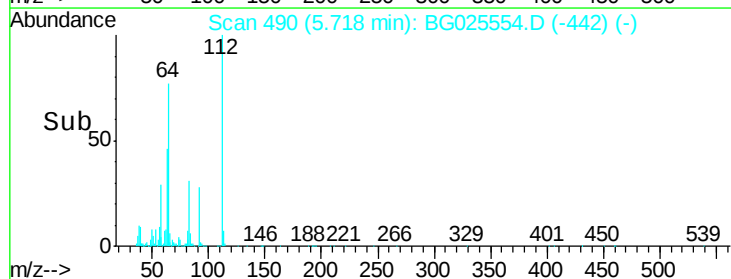
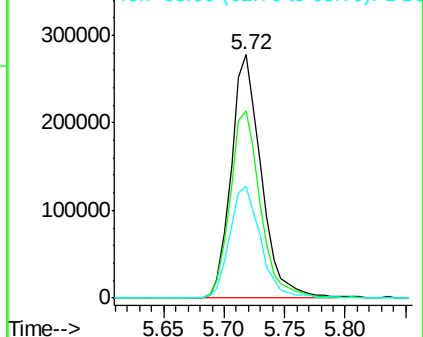
63 46.1 37.2 55.8

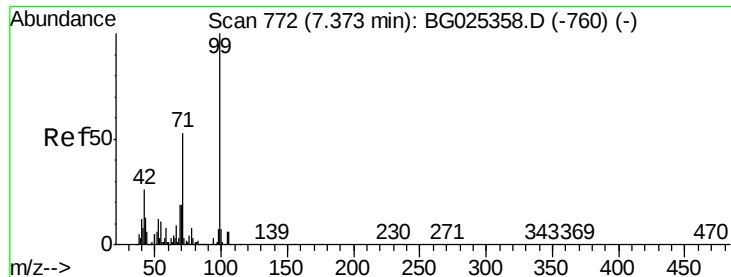


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.82 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025554.D

Acq: 21 Jan 2017 2:04

Instrument :

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ClientSampleId :

S2-0-3FT-COMP

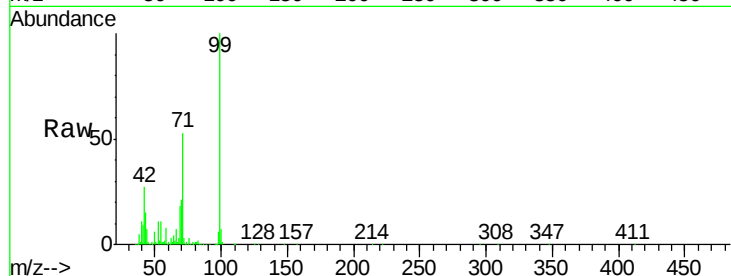
Tgt Ion: 99 Resp: 645247

Ion Ratio Lower Upper

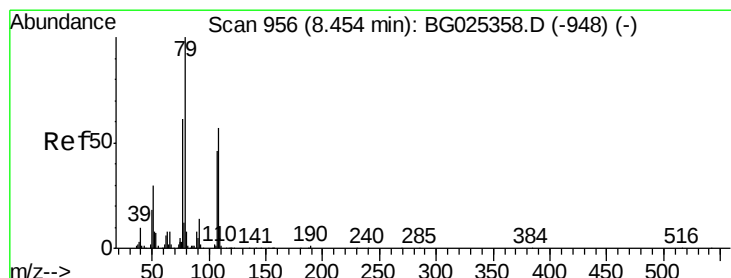
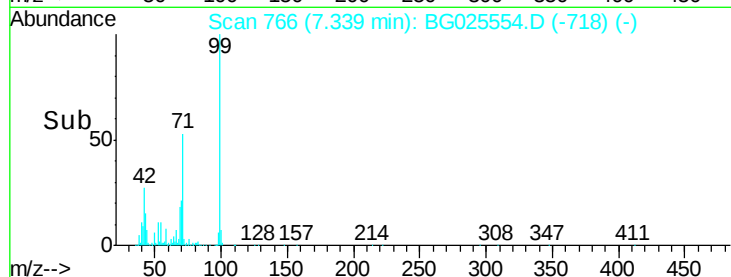
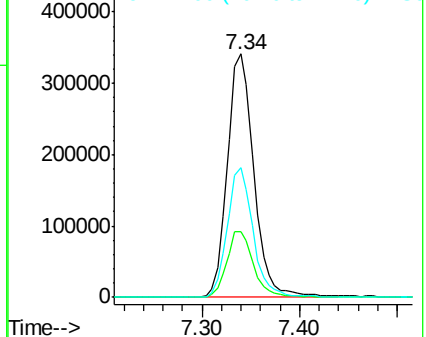
99 100

42 26.9 20.5 30.7

71 53.5 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: 2.36 ng

RT: 8.51 min Scan# 965

Delta R.T. 0.06 min

Lab File: BG025554.D

Acq: 21 Jan 2017 2:04

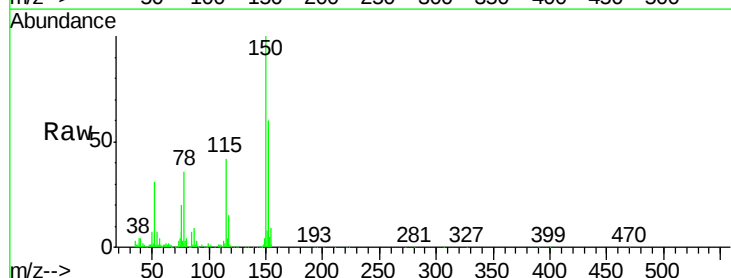
Tgt Ion: 79 Resp: 10335

Ion Ratio Lower Upper

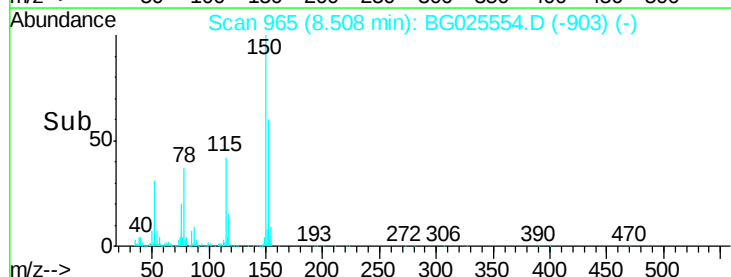
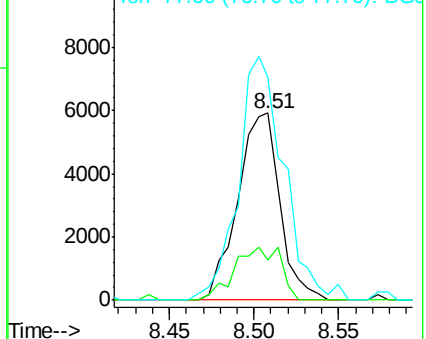
79 100

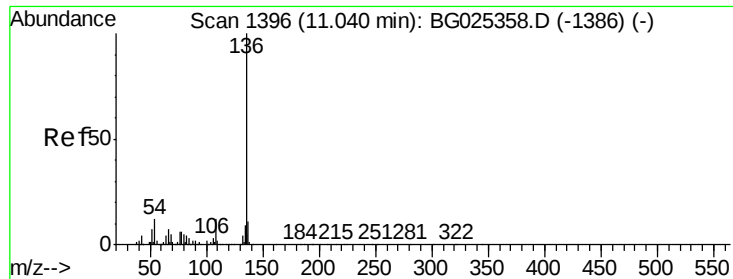
108 21.7 45.5 68.3#

77 119.2 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

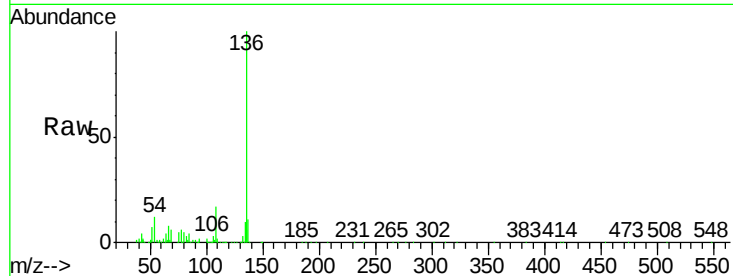




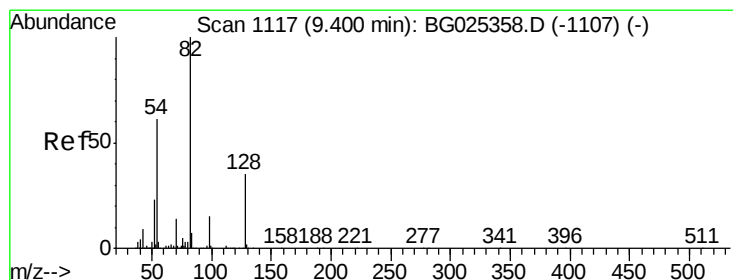
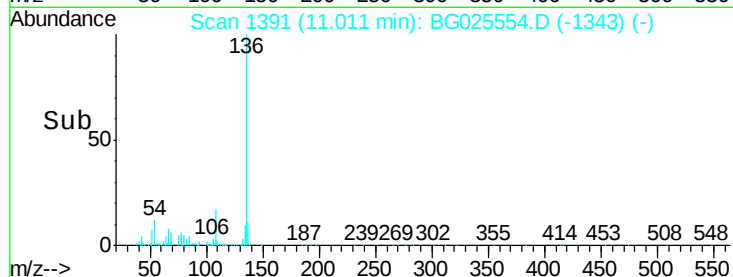
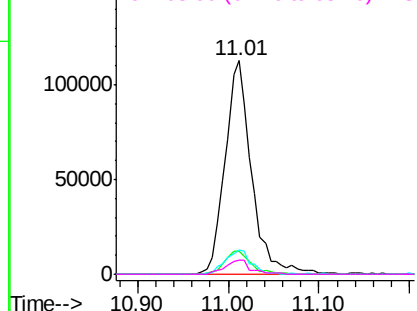
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BG025554.D
Acq: 21 Jan 2017 2:04

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:	136	Resp:	228017
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	11.7	9.3	13.9
68	6.5	5.1	7.7

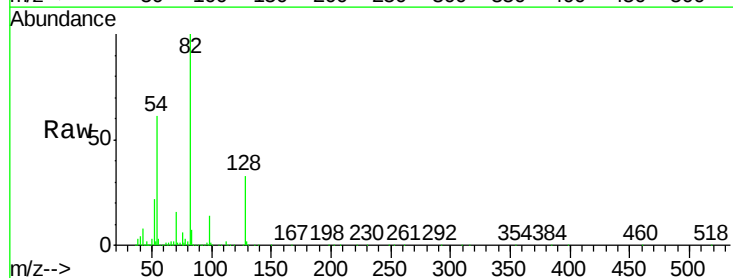


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

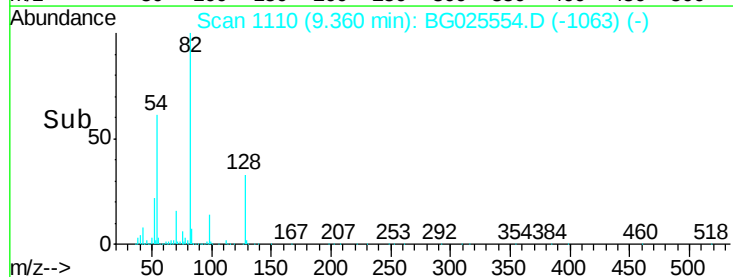
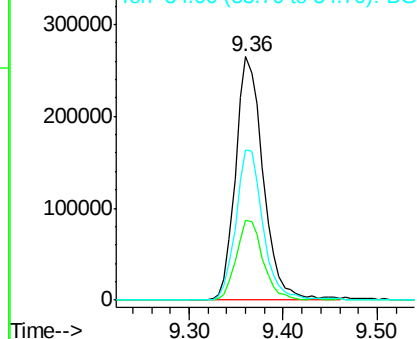


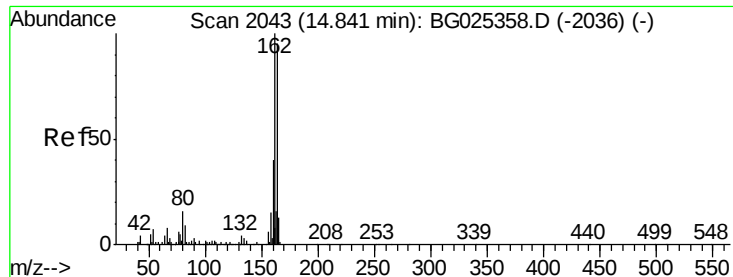
#23
Nitrobenzene-d5
Concen: 104.56 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025554.D
Acq: 21 Jan 2017 2:04

Tgt Ion:	82	Resp:	539692
Ion Ratio	Lower	Upper	
82	100		
128	32.7	26.4	39.6
54	61.4	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG025554.D

Acq: 21 Jan 2017 2:04

Instrument :

BNA_G

ClientSampleId :

S2-0-3FT-COMP

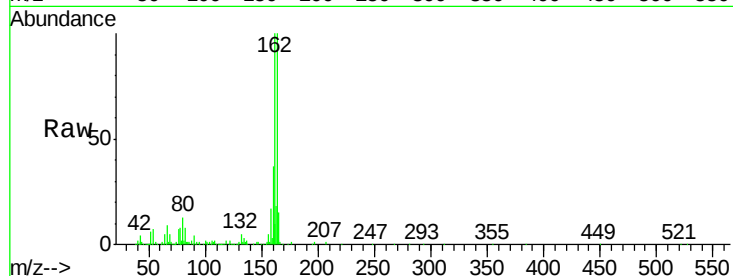
Tgt Ion:164 Resp: 180626

Ion Ratio Lower Upper

164 100

162 100.4 85.1 127.7

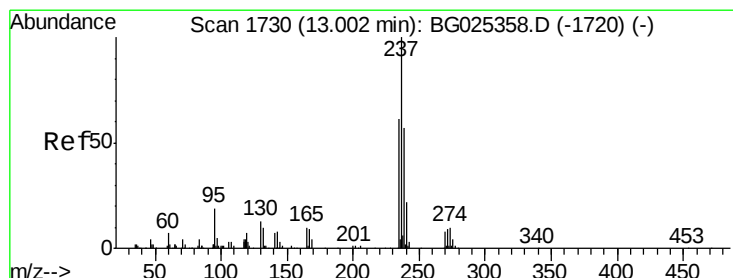
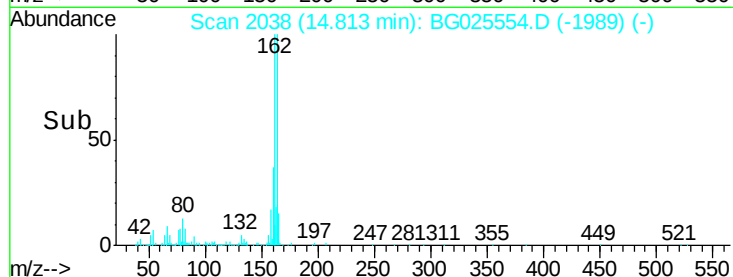
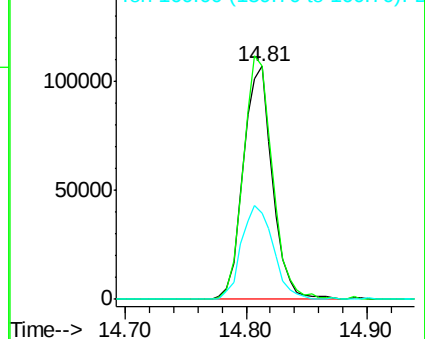
160 37.1 34.7 52.1



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: 8.53 ng

RT: 12.99 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BG025554.D

Acq: 21 Jan 2017 2:04

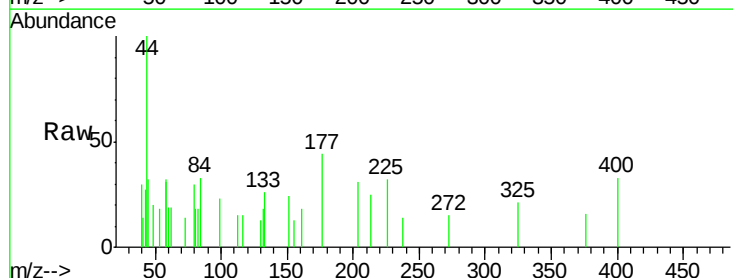
Tgt Ion:237 Resp: 59

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

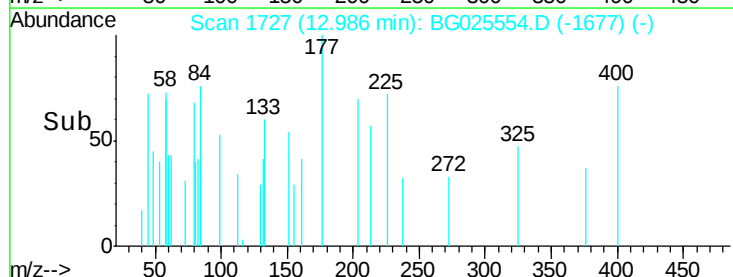
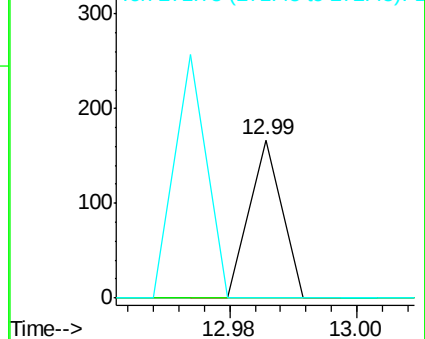
272 0.0 0.0 32.0

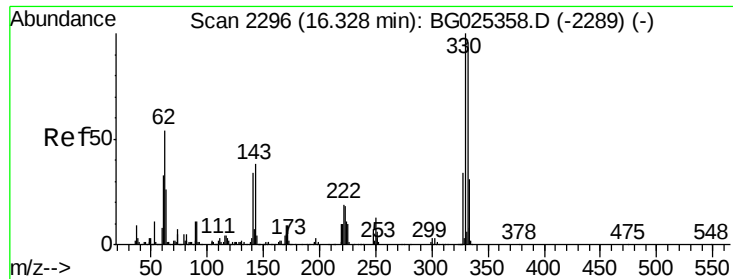


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

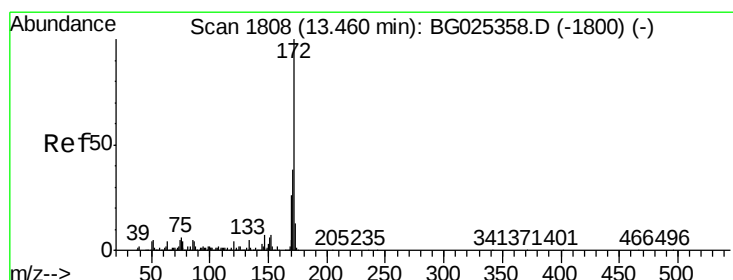
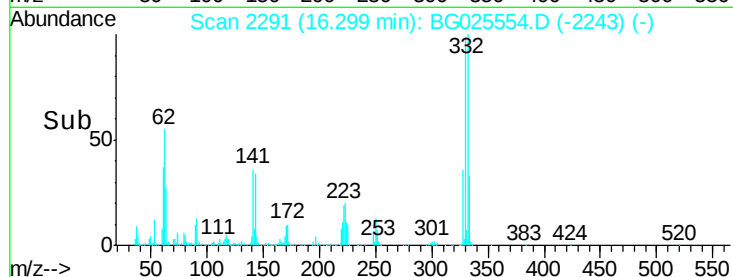
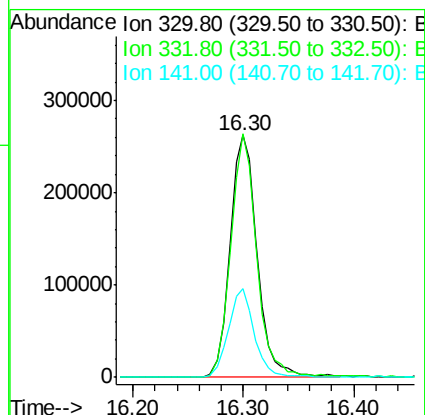
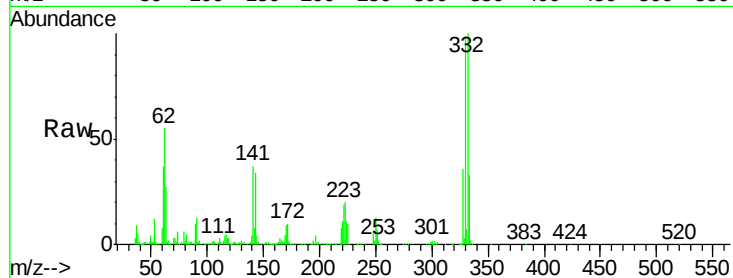




#41
 2,4,6-Tribromophenol
 Concen: 155.10 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025554.D
 Acq: 21 Jan 2017 2:04

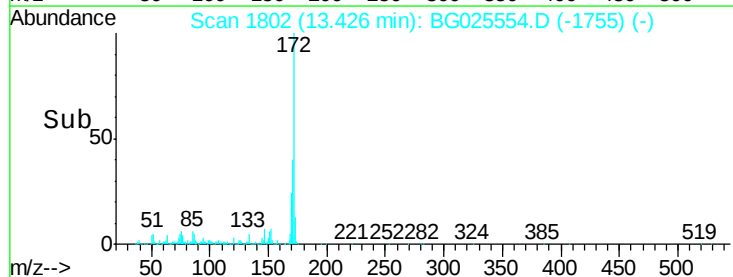
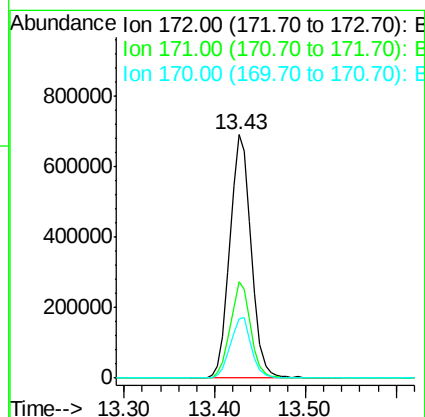
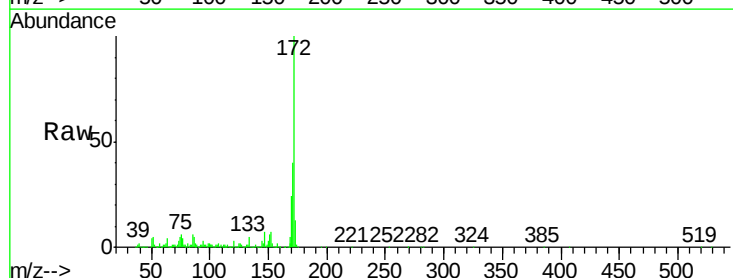
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 BNA_G
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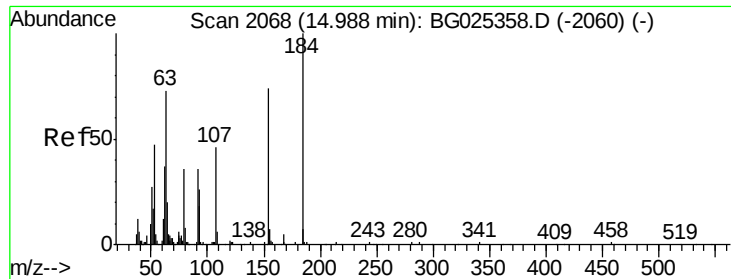
Tgt Ion:330 Resp: 451023
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 35.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 101.27 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025554.D
 Acq: 21 Jan 2017 2:04

Tgt Ion:172 Resp: 1129791
 Ion Ratio Lower Upper
 172 100
 171 39.5 32.2 48.2
 170 24.4 21.8 32.6

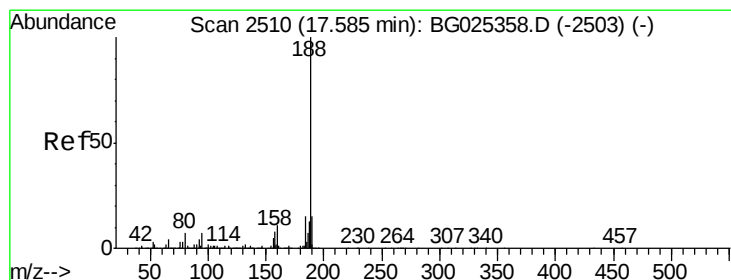
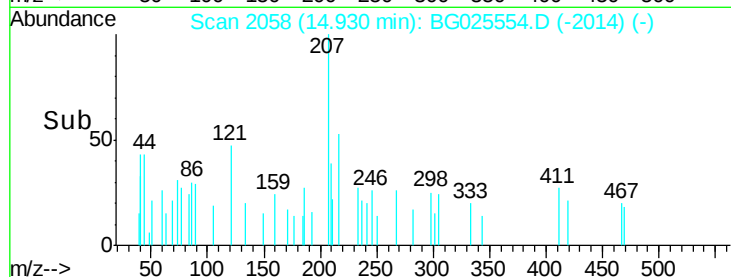
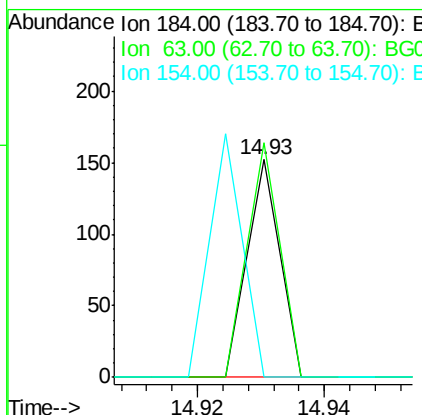
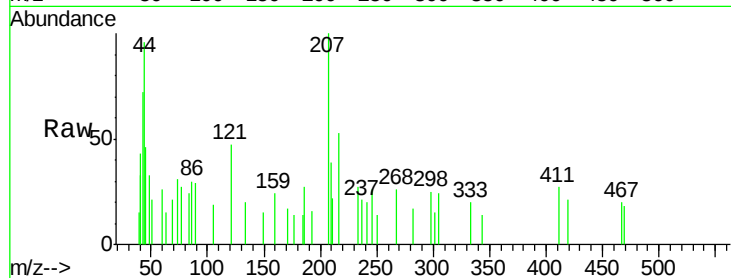




#53
2,4-Dinitrophenol
Concen: 5.10 ng
RT: 14.93 min Scan# 2058
Delta R.T. -0.04 min
Lab File: BG025554.D
Acq: 21 Jan 2017 2:04

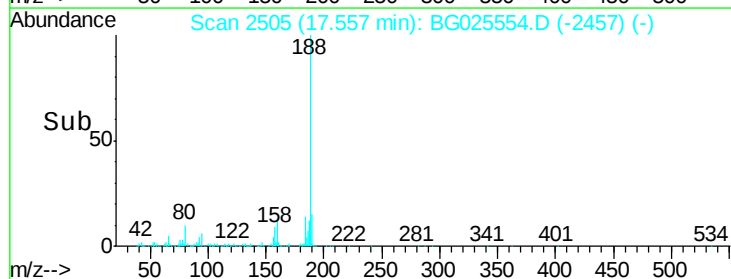
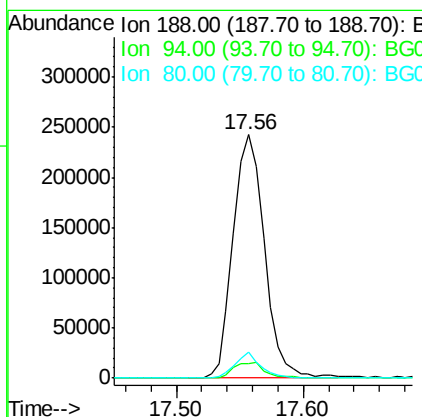
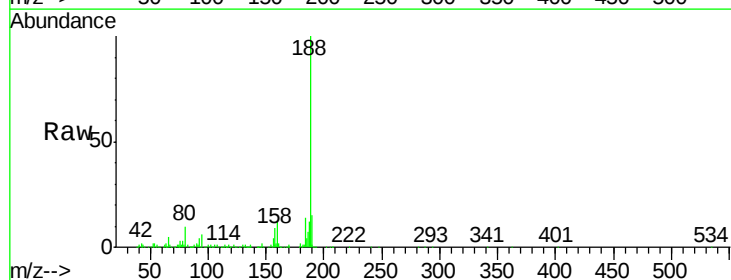
Instrument :
BNA_G
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S2-0-3FT-COMP

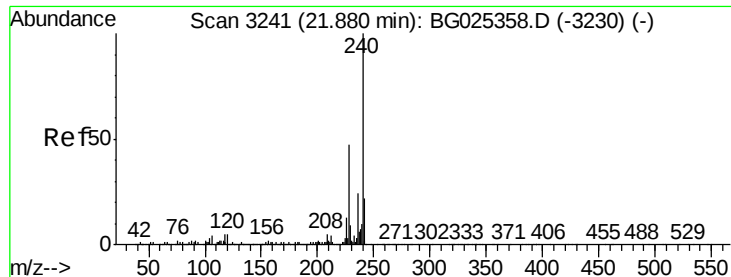
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 107.9 52.7 79.1#
154 0.0 57.3 85.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025554.D
Acq: 21 Jan 2017 2:04

Tgt Ion:188 Resp: 417077
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 10.5 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025554.D

Acq: 21 Jan 2017 2:04

Instrument :

BNA_G

ClientSampleId :

S2-0-3FT-COMP

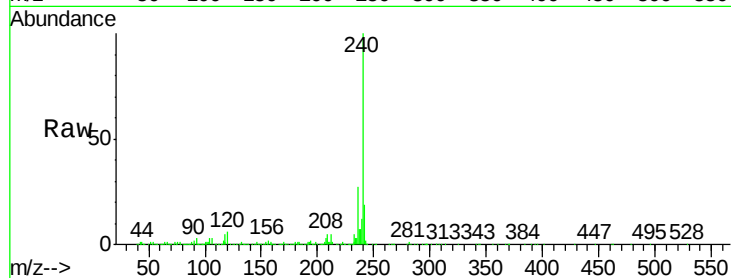
Tgt Ion:240 Resp: 634579

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

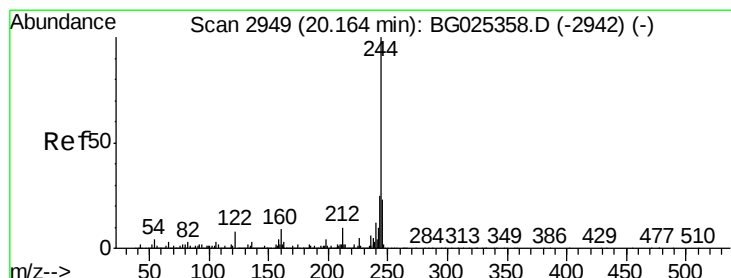
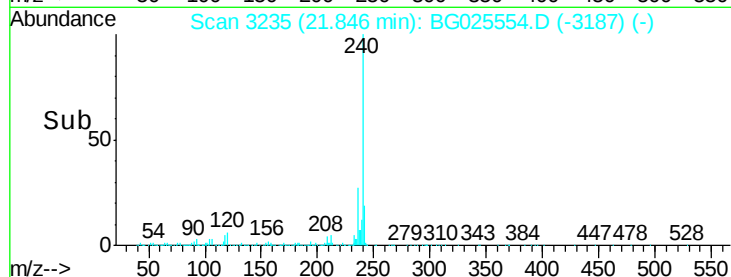
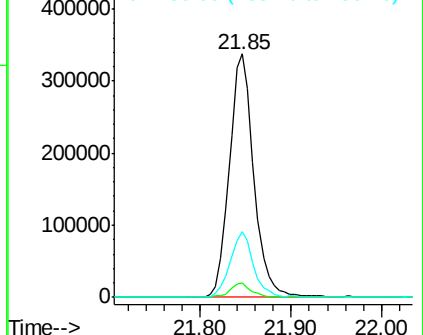
236 26.8 22.2 33.4



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: 96.74 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025554.D

Acq: 21 Jan 2017 2:04

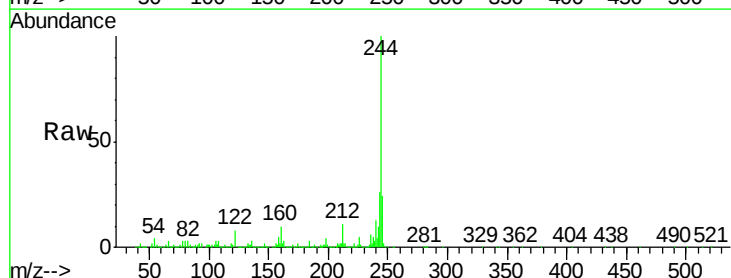
Tgt Ion:244 Resp: 2315305

Ion Ratio Lower Upper

244 100

212 10.5 10.0 15.0

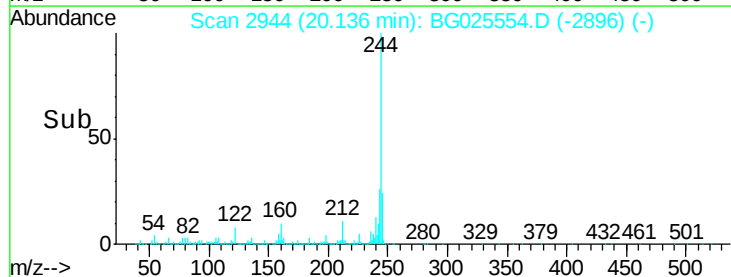
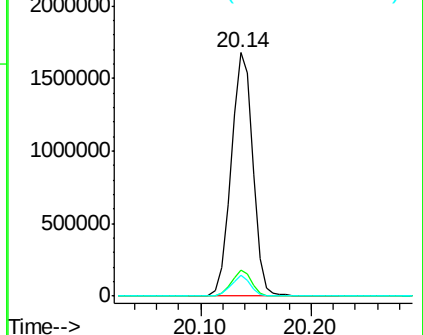
122 8.5 8.6 12.8#

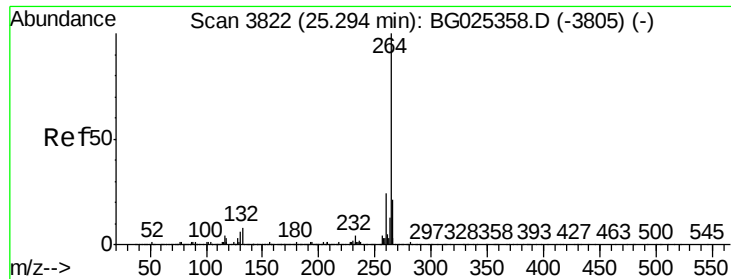


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.23 min Scan# 3811
Delta R.T. -0.04 min
Lab File: BG025554.D
Acq: 21 Jan 2017 2:04

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	21.1	18.2	27.4

