

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025549.D
 Acq On : 20 Jan 2017 22:03
 Operator : UM/SJ
 Sample : I1347-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL2-0-5FT-COMP

Quant Time: Jan 21 00:13:45 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

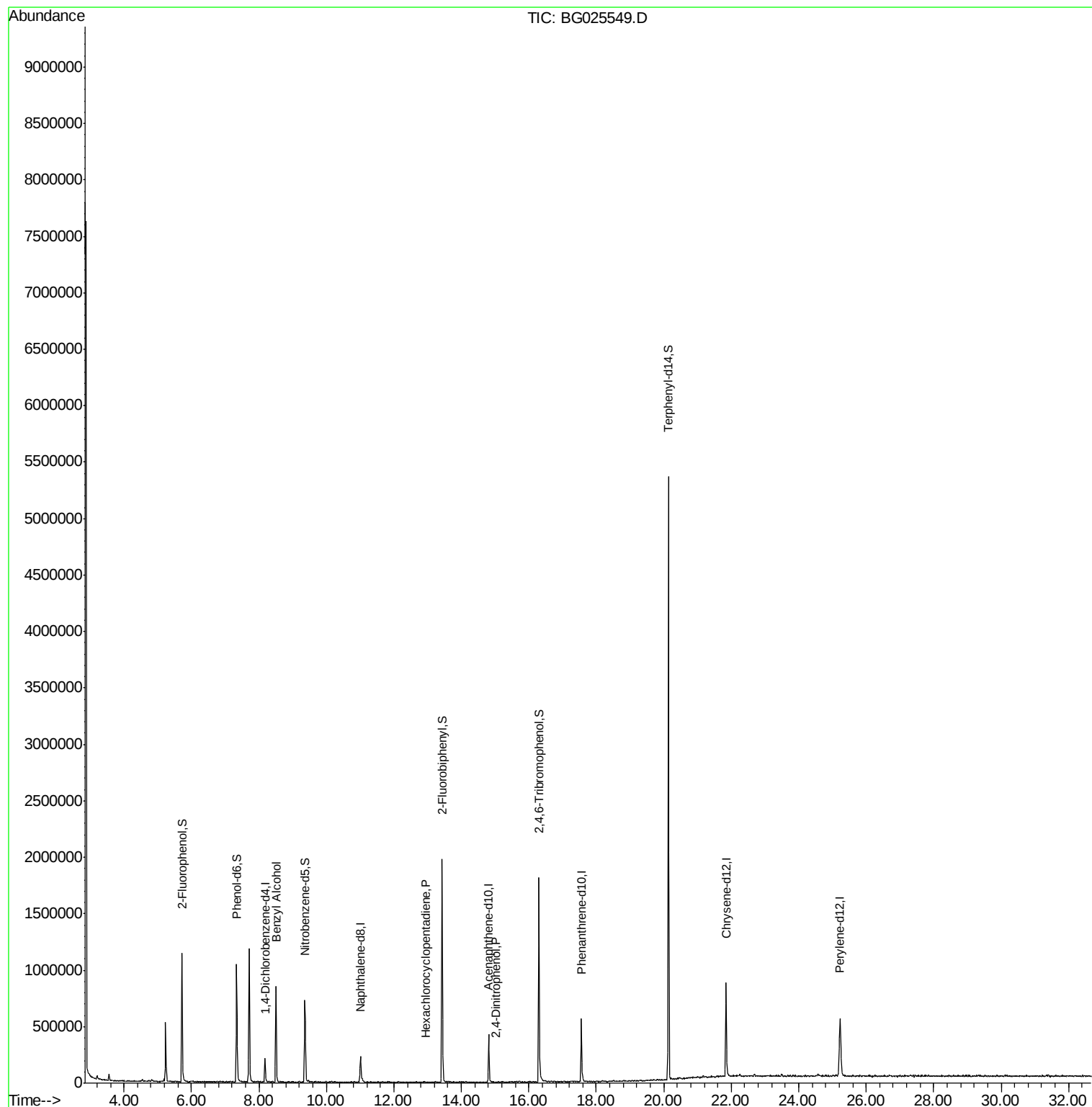
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	53740	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	204999	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	165987	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	382510	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	616908	20.00	ng	-0.02
86) Perylene-d12	25.23	264	664646	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	434605	147.00	ng	-0.02
7) Phenol-d6	7.34	99	553579	132.95	ng	-0.02
23) Nitrobenzene-d5	9.36	82	475362	102.44	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	385541	144.27	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	978450	95.43	ng	-0.02
78) Terphenyl-d14	20.14	244	2211587	95.05	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.50	79	8222	2.07	ng	# 71
40) Hexachlorocyclopentadiene	12.93	237	104	8.56	ng	# 29
53) 2,4-Dinitrophenol	15.03	184	59	5.11	ng	# 15

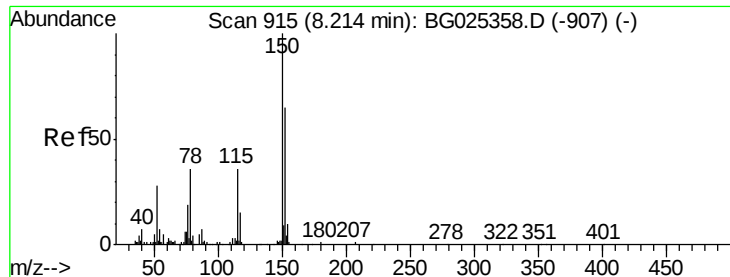
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 908

Delta R.T. -0.02 min

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ClientSampleId :

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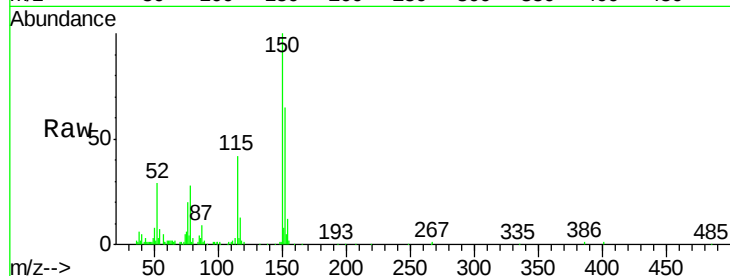
Tgt Ion:152 Resp: 53740

Ion Ratio Lower Upper

152 100

150 152.8 114.0 171.0

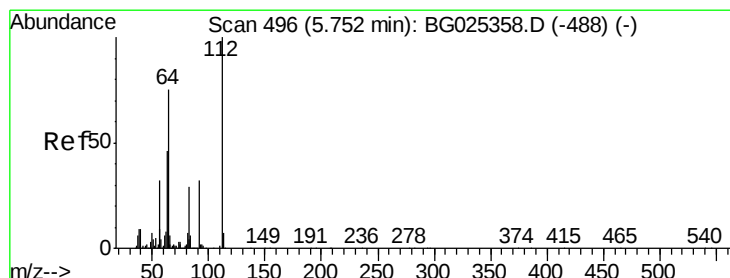
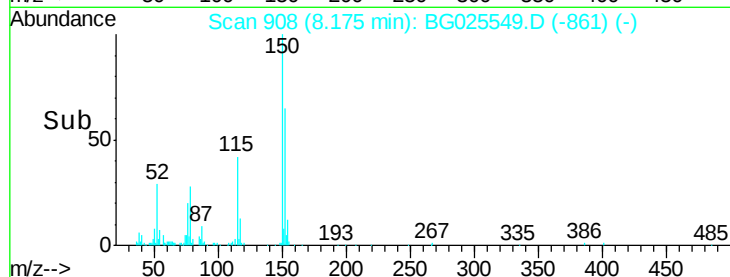
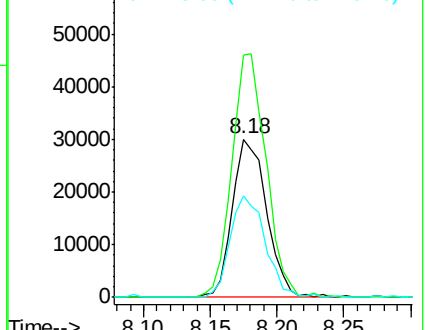
115 64.4 48.1 72.1



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: 147.00 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

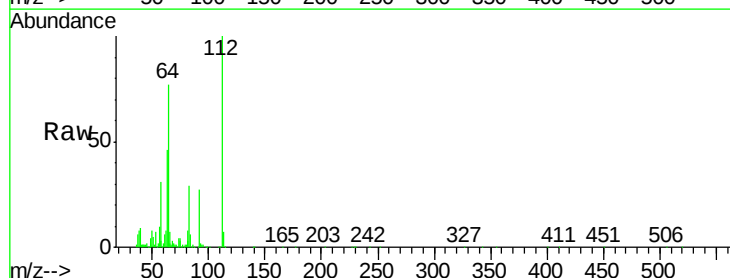
Tgt Ion:112 Resp: 434605

Ion Ratio Lower Upper

112 100

64 76.6 61.8 92.6

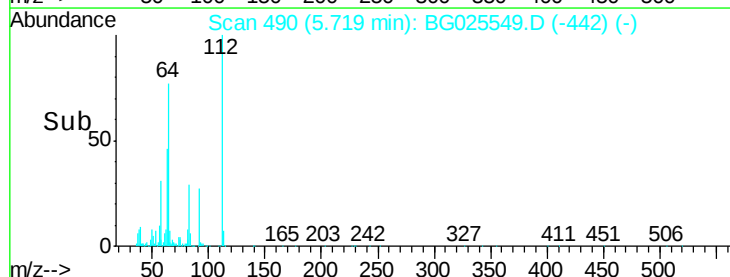
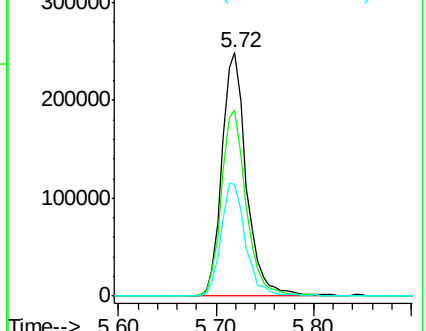
63 45.7 37.2 55.8

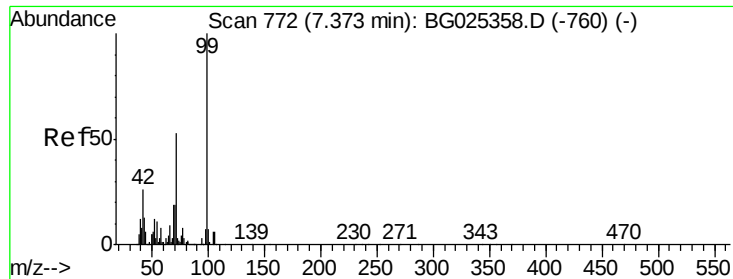


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.95 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

Instrument :

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ClientSampleId :

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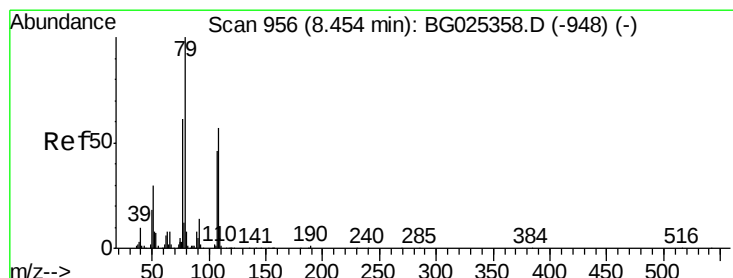
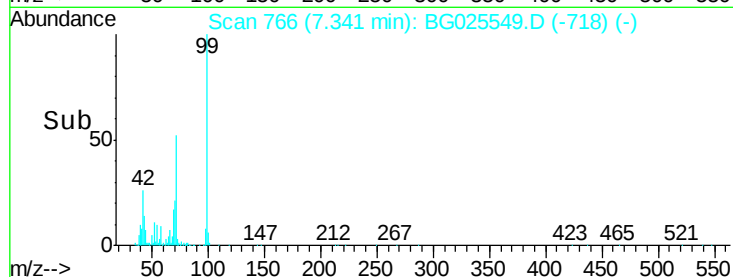
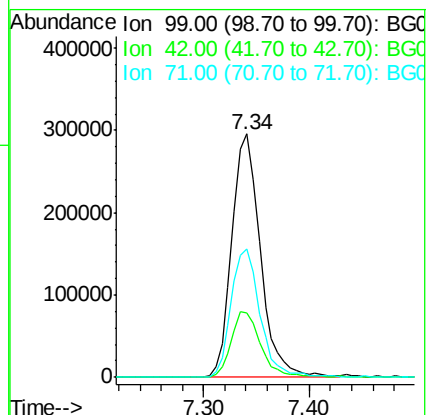
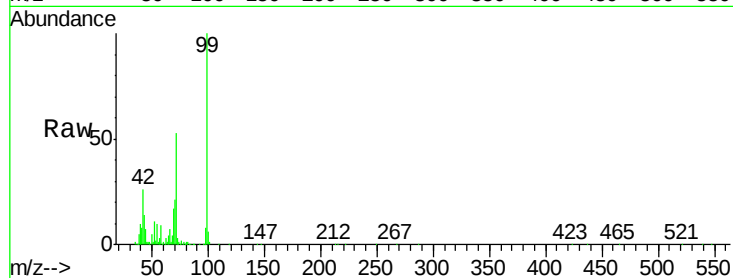
Tgt Ion: 99 Resp: 553579

Ion Ratio Lower Upper

99 100

42 26.2 20.5 30.7

71 52.5 37.6 56.4



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 8.50 min Scan# 964

Delta R.T. 0.06 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

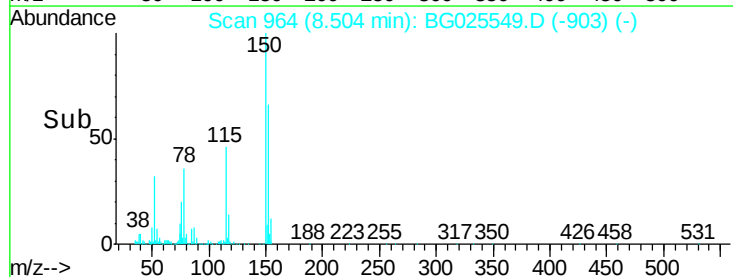
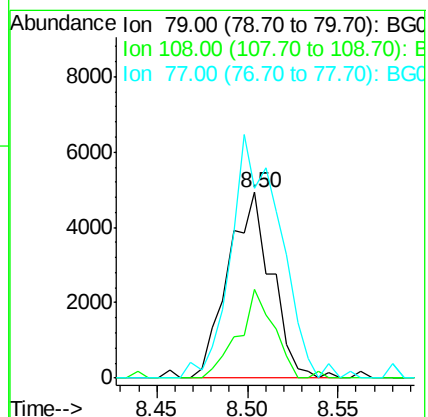
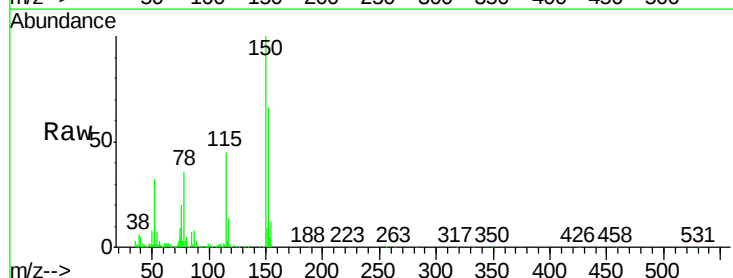
Tgt Ion: 79 Resp: 8222

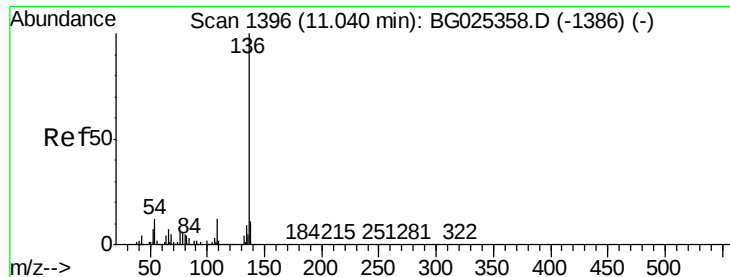
Ion Ratio Lower Upper

79 100

108 47.8 45.5 68.3

77 101.9 54.3 81.5#

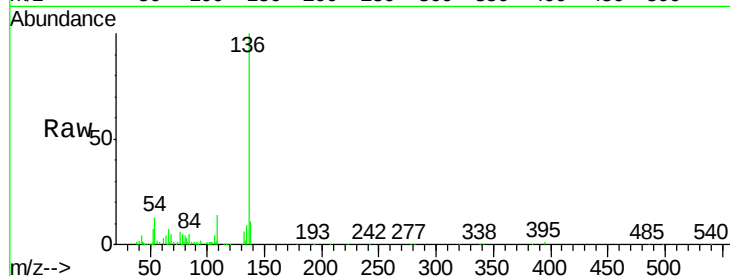




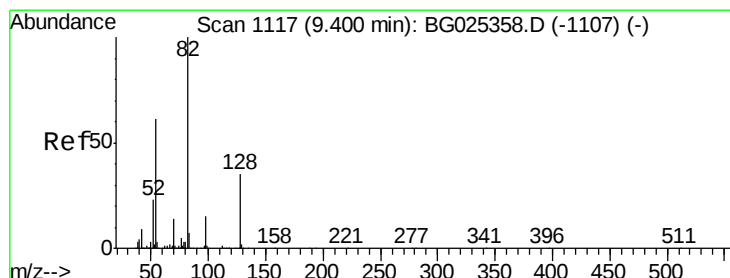
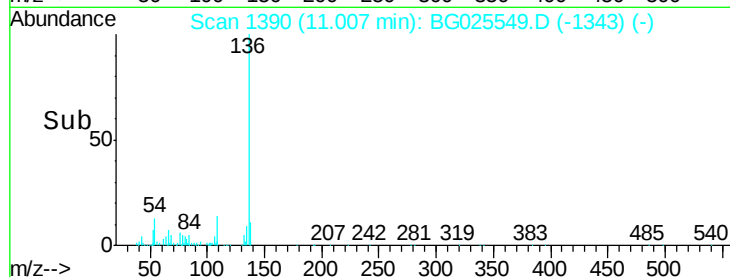
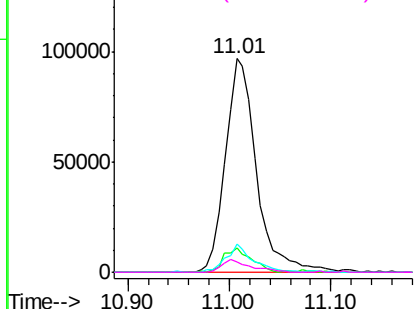
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025549.D
Acq: 20 Jan 2017 22:03

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL2-0-5FT-COMP

Tgt Ion:	136	Resp:	204999
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	13.0	9.3	13.9
68	5.1	5.1	7.7#

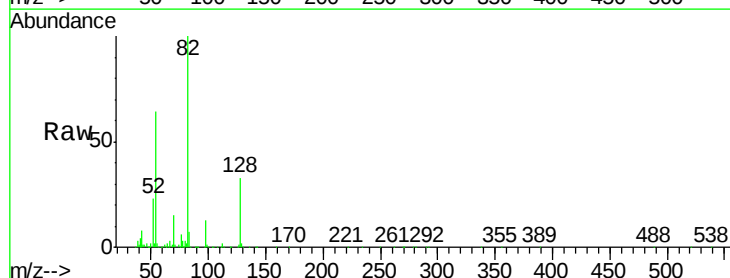


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

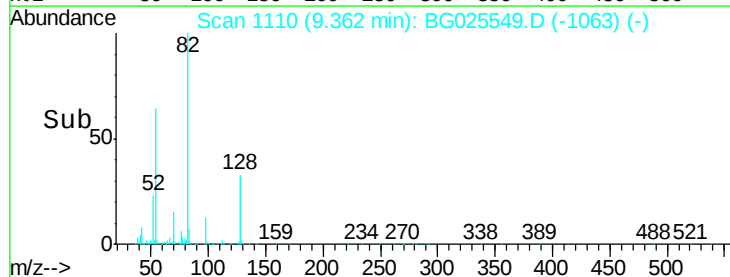
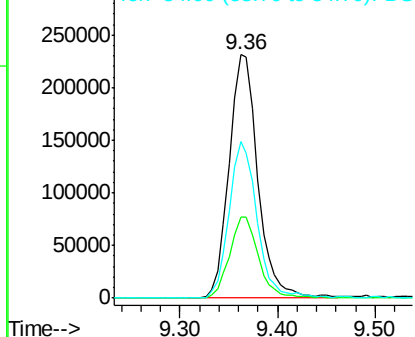


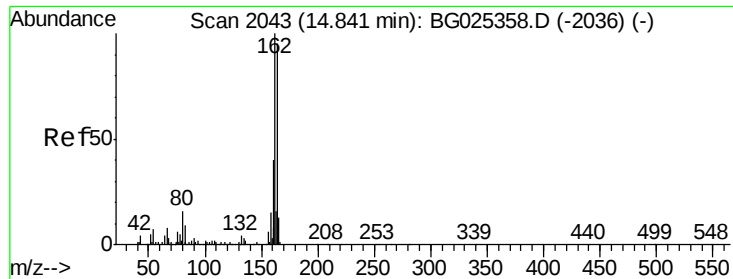
#23
Nitrobenzene-d5
Concen: 102.44 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025549.D
Acq: 20 Jan 2017 22:03

Tgt Ion:	82	Resp:	475362
Ion	Ratio	Lower	Upper
82	100		
128	33.0	26.4	39.6
54	64.1	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# 2037

Delta R.T. -0.02 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL2-0-5FT-COMP

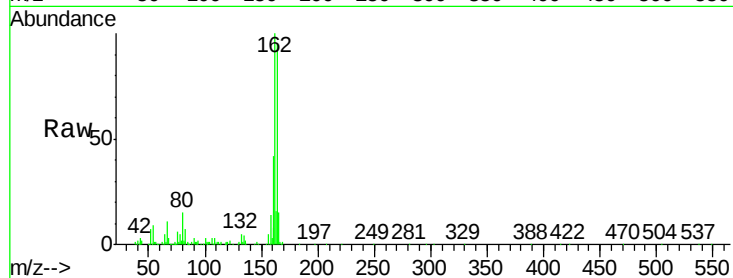
Tgt Ion:164 Resp: 165987

Ion Ratio Lower Upper

164 100

162 105.2 85.1 127.7

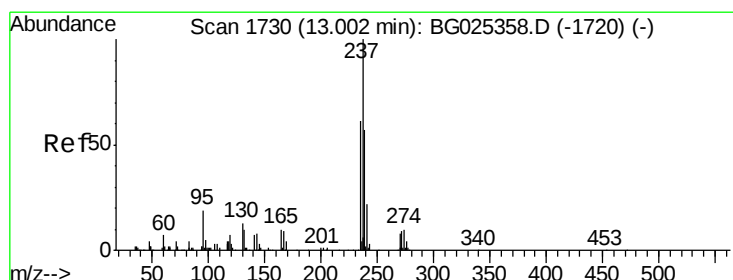
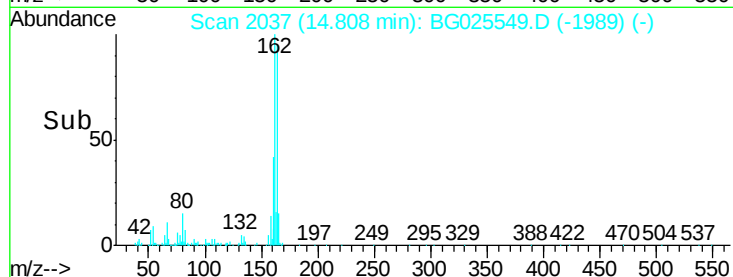
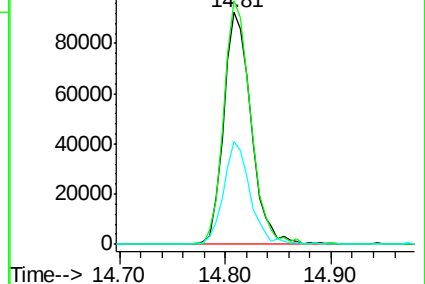
160 44.6 34.7 52.1



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: 8.56 ng

RT: 12.93 min Scan# 1718

Delta R.T. -0.06 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

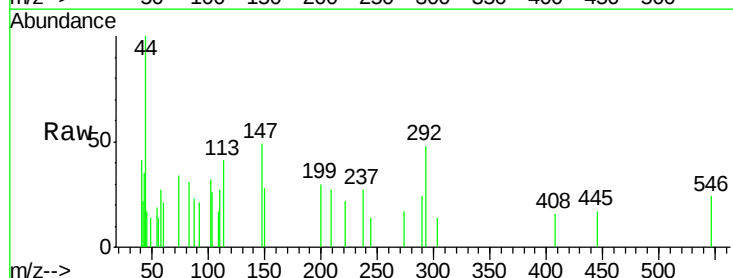
Tgt Ion:237 Resp: 104

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

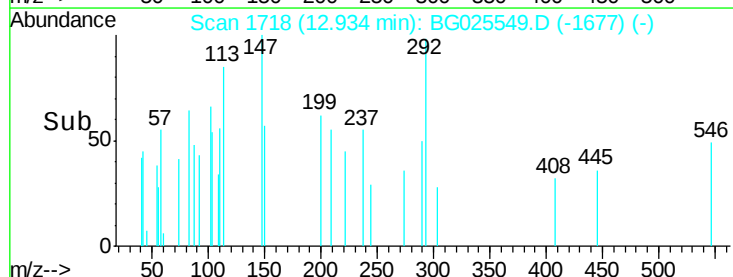
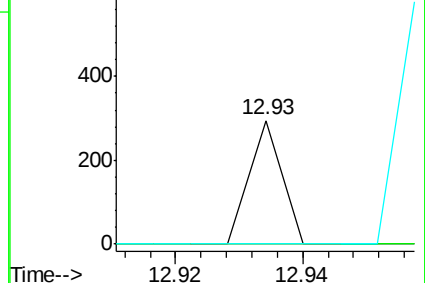
272 0.0 0.0 32.0



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

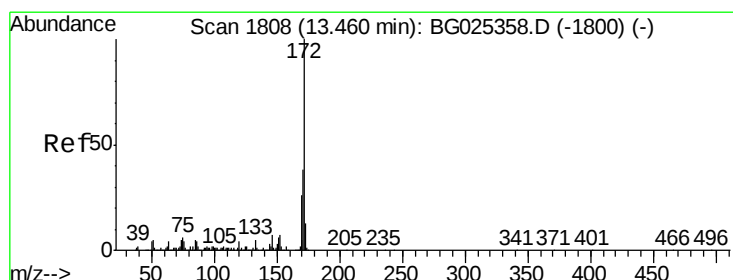
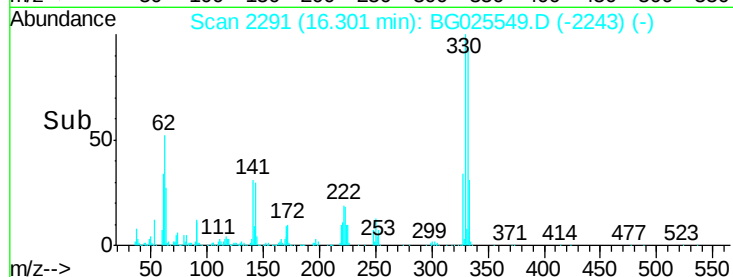
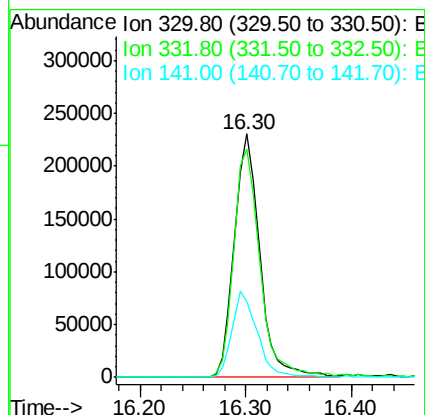
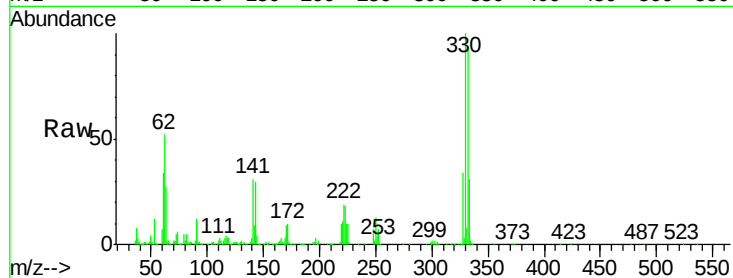




#41
2,4,6-Tribromophenol
Concen: 144.27 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BG025549.D
Acq: 20 Jan 2017 22:03

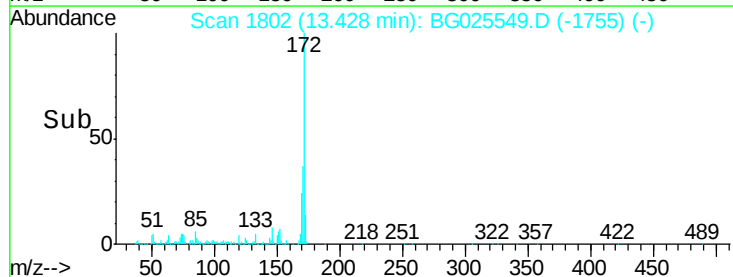
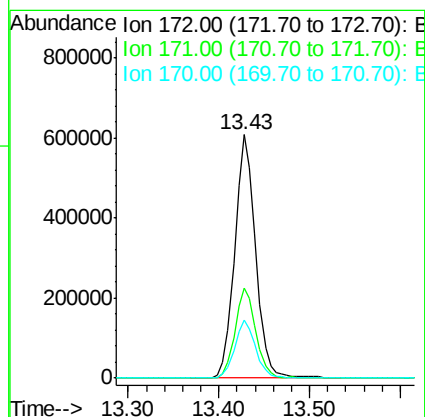
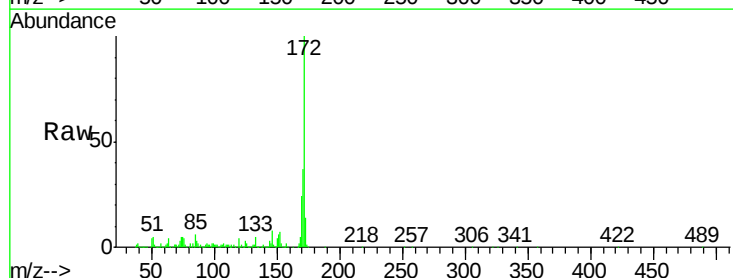
Instrument :
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BLACK-FILL2-0-5FT-COMP

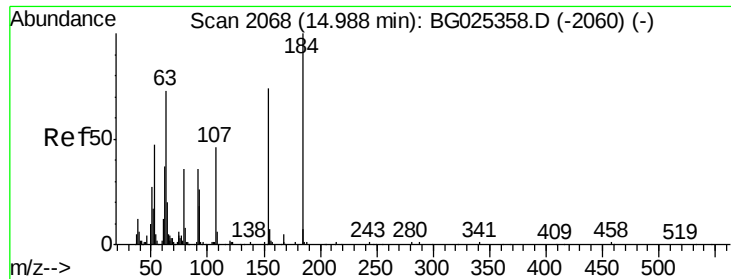
Tgt Ion:330 Resp: 385541
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 35.1 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 95.43 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025549.D
Acq: 20 Jan 2017 22:03

Tgt Ion:172 Resp: 978450
Ion Ratio Lower Upper
172 100
171 37.1 32.2 48.2
170 24.1 21.8 32.6

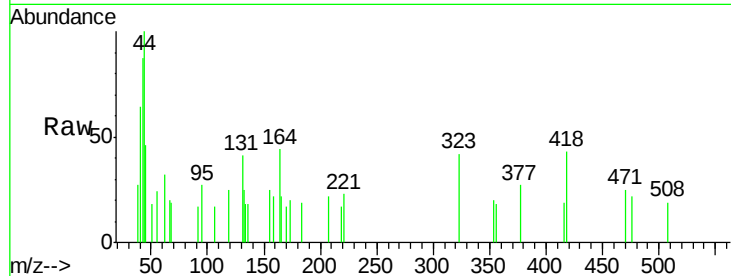




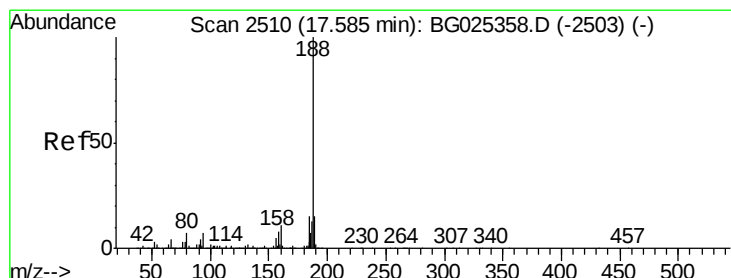
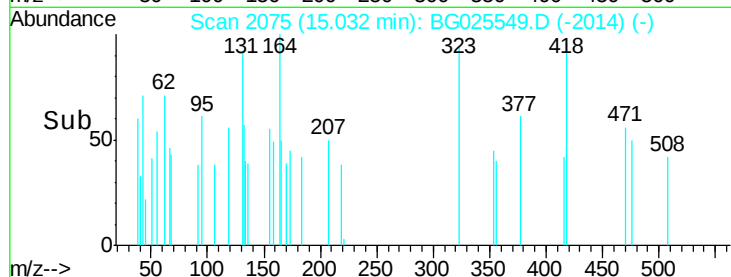
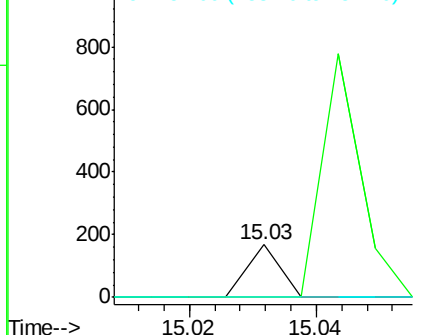
#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.06 min
Lab File: BG025549.D
Acq: 20 Jan 2017 22:03

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL2-0-5FT-COMP

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

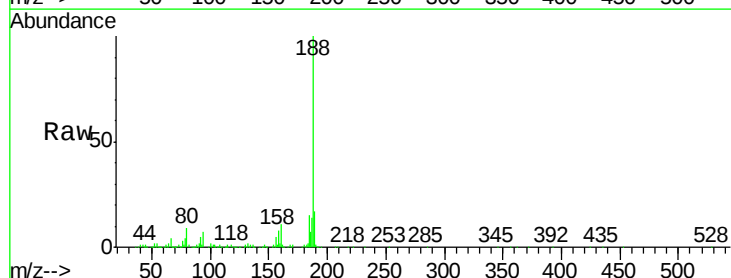


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

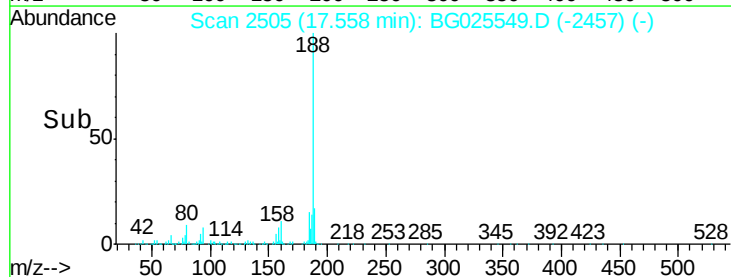
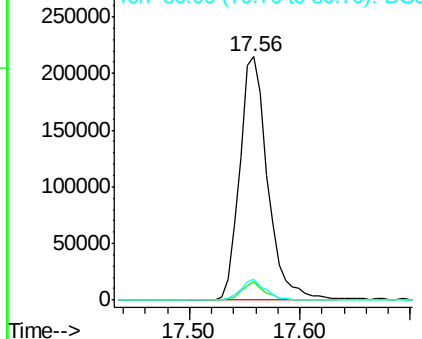


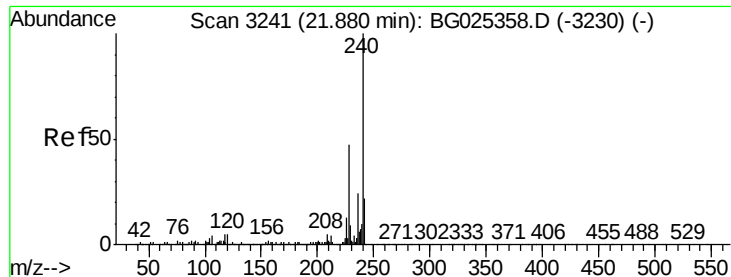
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025549.D
Acq: 20 Jan 2017 22:03

Tgt Ion:188 Resp: 382510
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.8
80 8.7 7.5 11.3



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL2-0-5FT-COMP

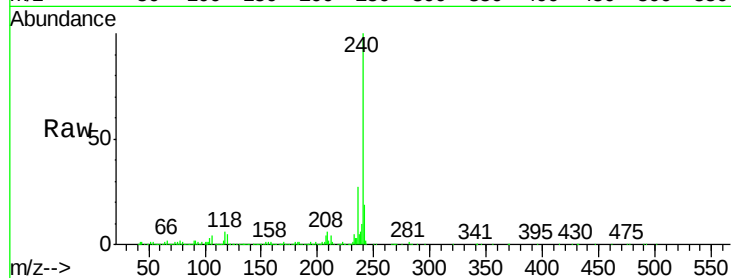
Tgt Ion:240 Resp: 616908

Ion Ratio Lower Upper

240 100

120 4.7 5.7 8.5#

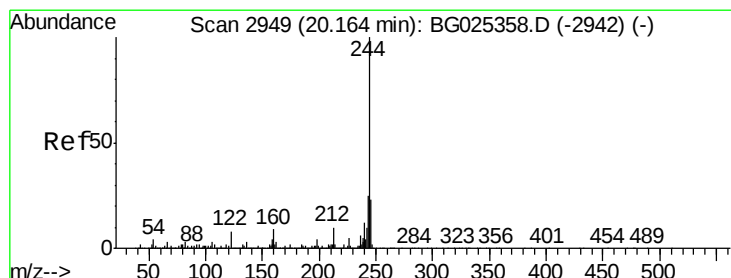
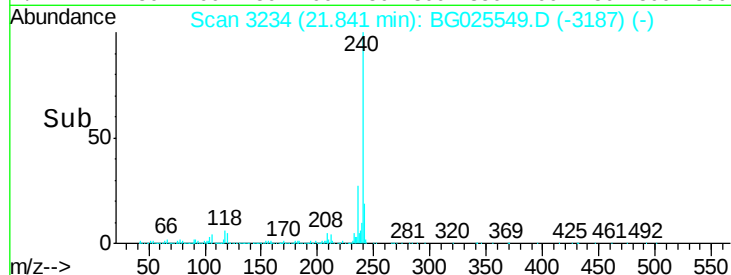
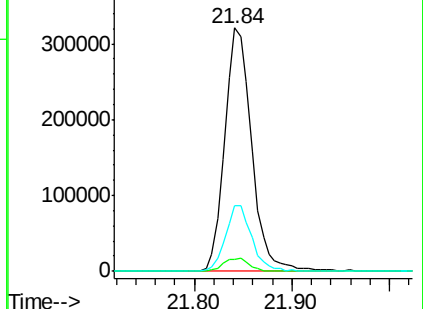
236 26.8 22.2 33.4



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: 95.05 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

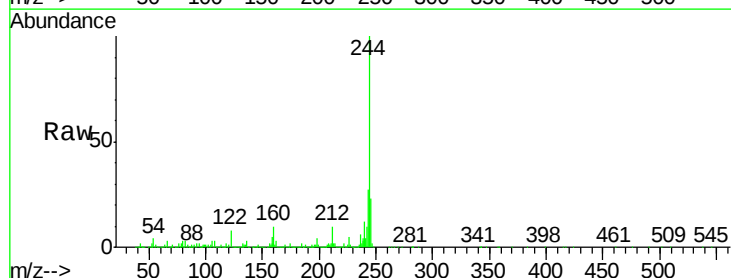
Tgt Ion:244 Resp: 2211587

Ion Ratio Lower Upper

244 100

212 10.1 10.0 15.0

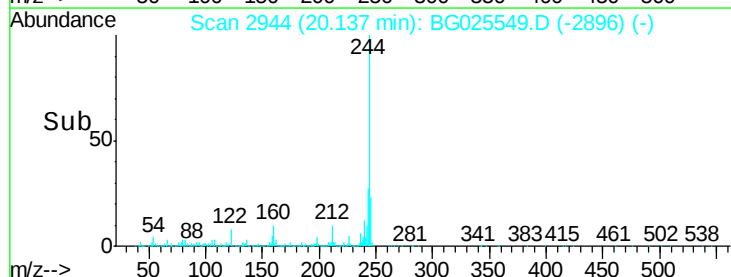
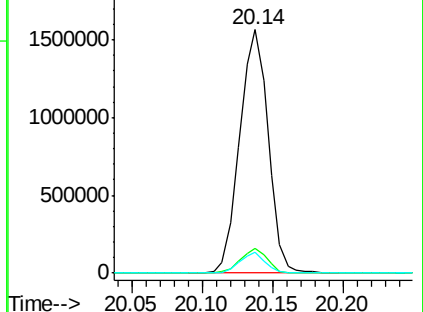
122 8.4 8.6 12.8#

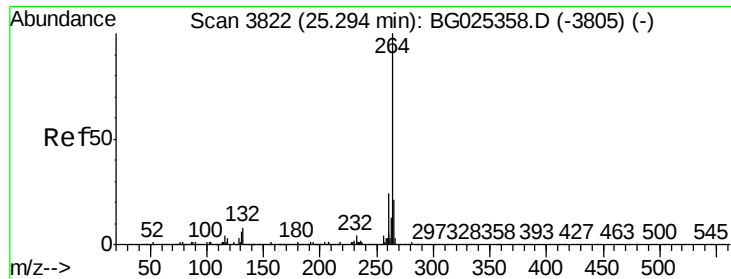


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3810
Delta R.T. -0.04 min
Lab File: BG025549.D
Acq: 20 Jan 2017 22:03

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL2-0-5FT-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	24.2	18.2	27.4

