

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016604.D
 Acq On : 22 Apr 2015 5:05
 Operator : TP/IZ
 Sample : G1937-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRC-MW3

Quant Time: Apr 22 06:05:11 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

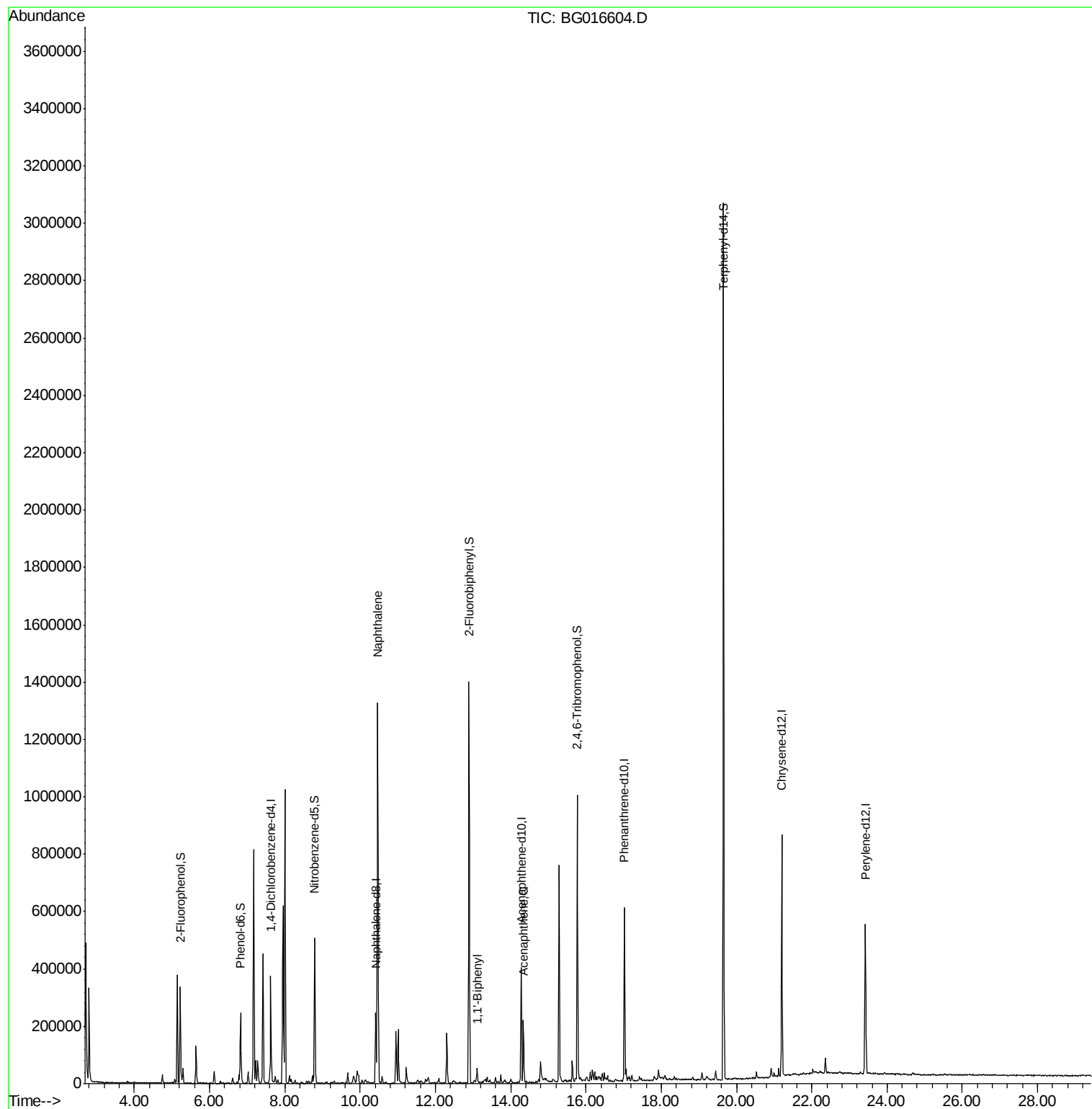
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	46569	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	213393	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	131545	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	323848	20.00	ng	0.00
75) Chrysene-d12	21.20	240	334545	20.00	ng	0.00
86) Perylene-d12	23.42	264	305292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	171068	58.87	ng	0.00
7) Phenol-d6	6.83	99	164664	40.56	ng	0.00
23) Nitrobenzene-d5	8.79	82	289027	83.40	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	141375	158.24	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	687593	86.57	ng	0.00
78) Terphenyl-d14	19.65	244	1045194	75.27	ng	0.00
Target Compounds						
31) Naphthalene	10.47	128	1084518	97.36	ng	98
45) 1,1'-Biphenyl	13.11	154	25977	2.56	ng	94
51) Acenaphthene	14.34	154	76615	9.32	ng	96

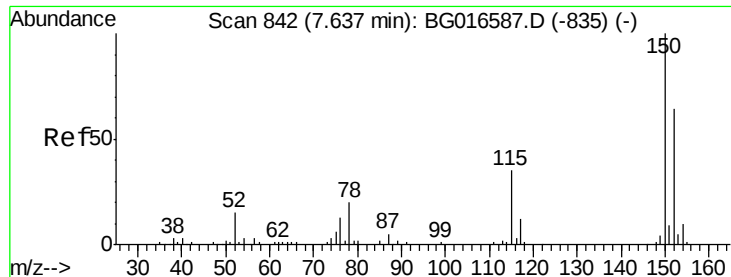
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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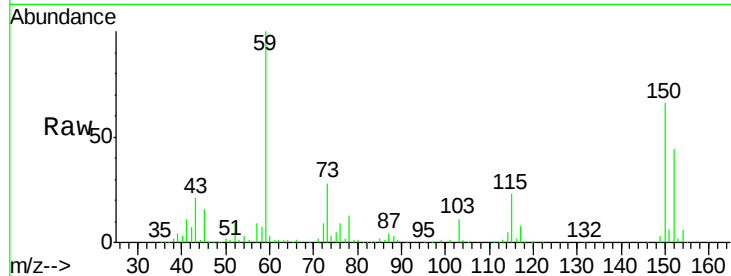


#1

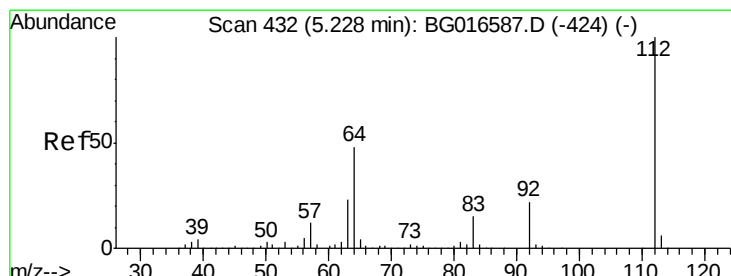
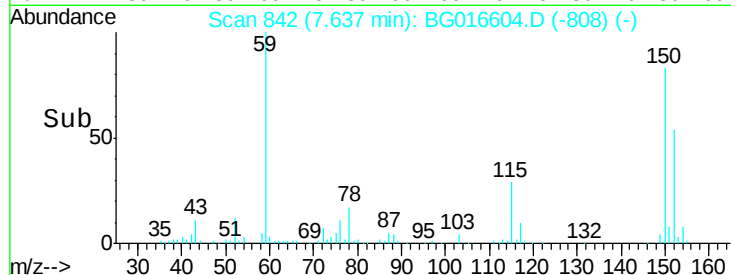
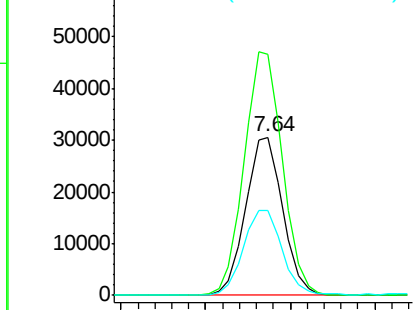
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016604.D
Acq: 22 Apr 2015 5:05

Instrument :
BNA_G
ClientSampleId :
TRC-MW3

Tot Ion:152 Resp: 46569
Ion Ratio Lower Upper
152 100
150 152.5 125.5 188.3
115 53.9 44.5 66.7



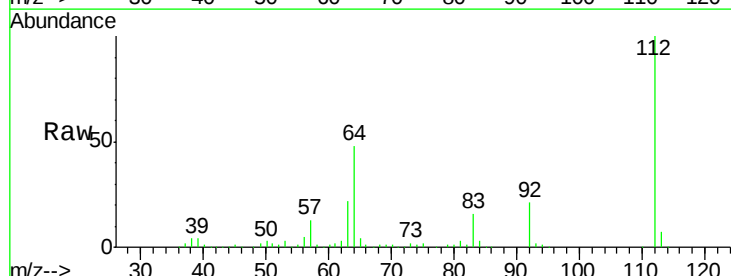
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



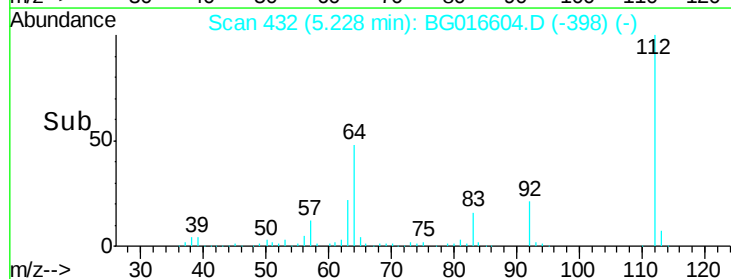
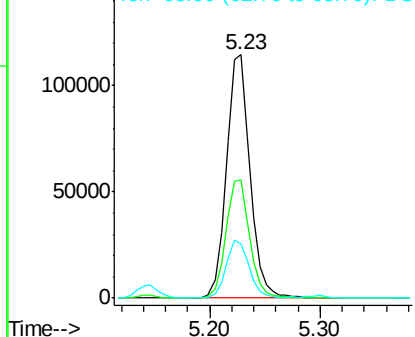
#5

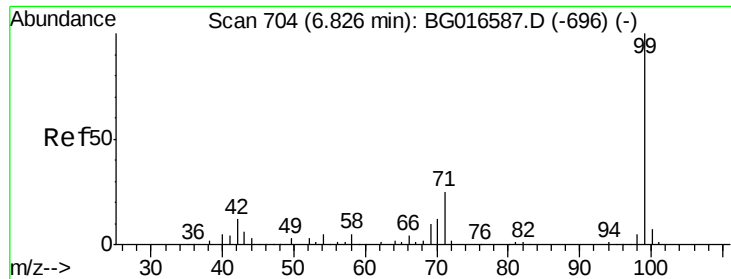
2-Fluorophenol
Concen: 58.87 ng
RT: 5.23 min Scan# 432
Delta R.T. -0.00 min
Lab File: BG016604.D
Acq: 22 Apr 2015 5:05

Tgt Ion:112 Resp: 171068
Ion Ratio Lower Upper
112 100
64 48.4 38.5 57.7
63 22.4 18.2 27.4



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: 40.56 ng

RT: 6.83 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG016604.D

Acq: 22 Apr 2015 5:05

Instrument :

BNA_G

ClientSampleId :

TRC-MW3

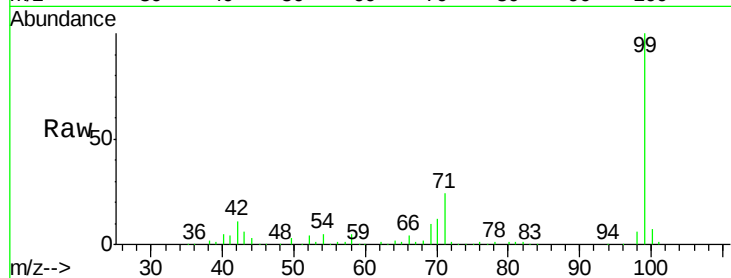
Tot Ion: 99 Resp: 164664

Ion Ratio Lower Upper

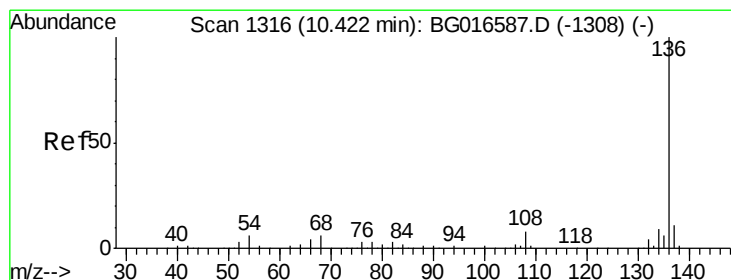
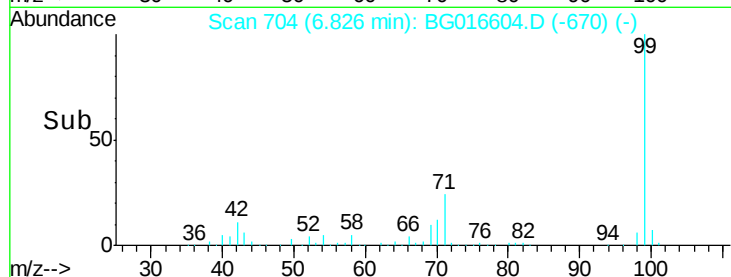
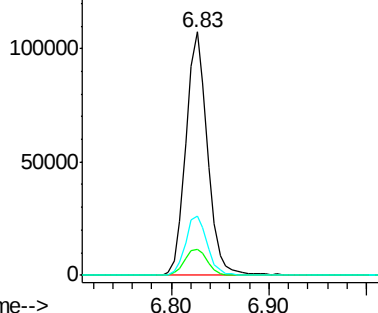
99 100

42 10.9 9.5 14.3

71 24.5 20.2 30.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016604.D

Acq: 22 Apr 2015 5:05

Tgt Ion: 136 Resp: 213393

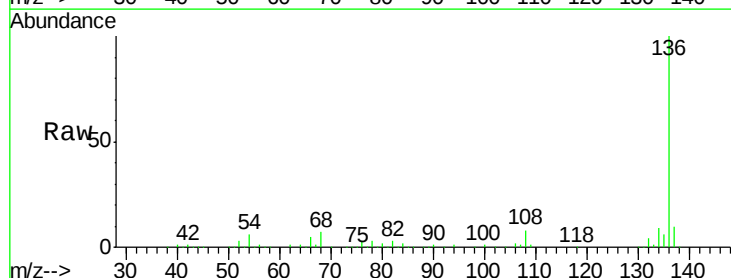
Ion Ratio Lower Upper

136 100

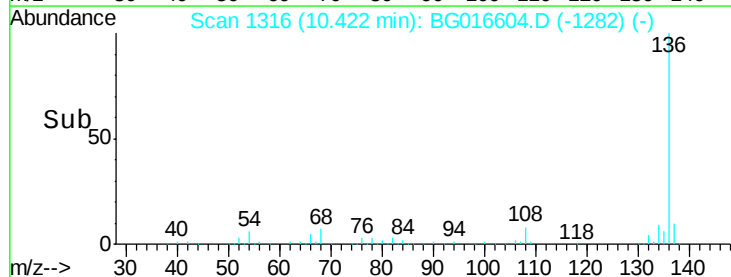
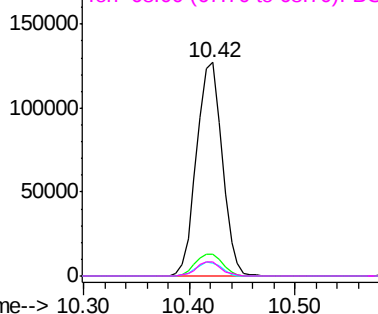
137 10.5 8.8 13.2

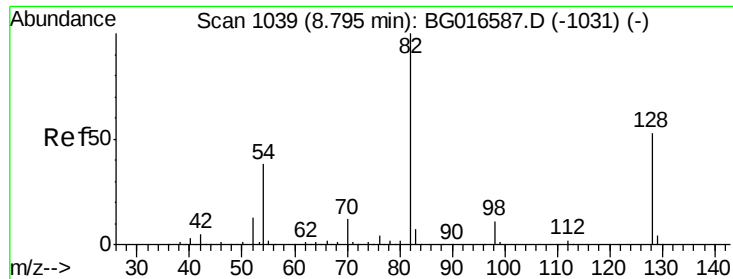
54 6.1 4.9 7.3

68 6.7 4.9 7.3



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

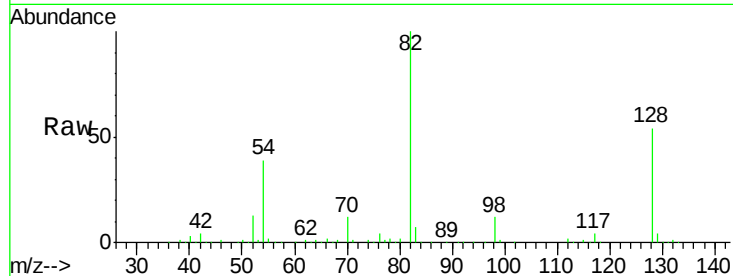




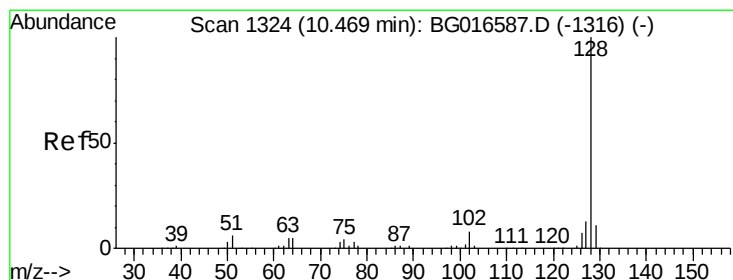
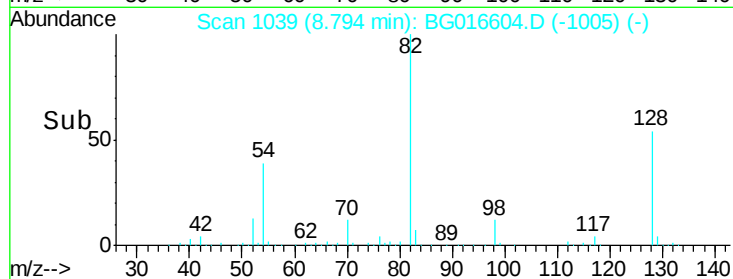
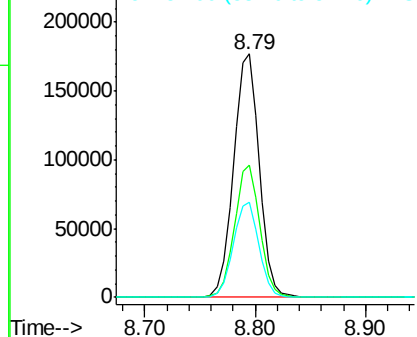
#23
Nitrobenzene-d5
Concen: 83.40 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG016604.D
Acq: 22 Apr 2015 5:05

Instrument :
BNA_G
ClientSampleId :
TRC-MW3

Tot Ion: 82 Resp: 289027
Ion Ratio Lower Upper
82 100
128 54.1 42.7 64.1
54 39.3 30.6 45.8

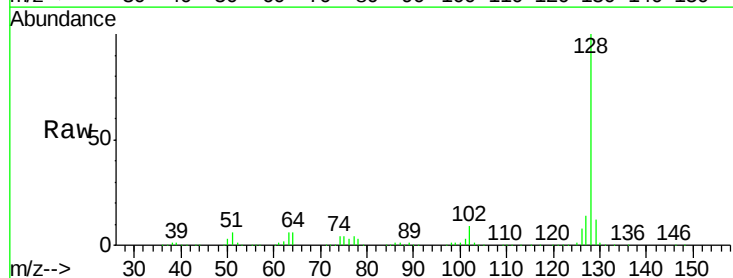


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

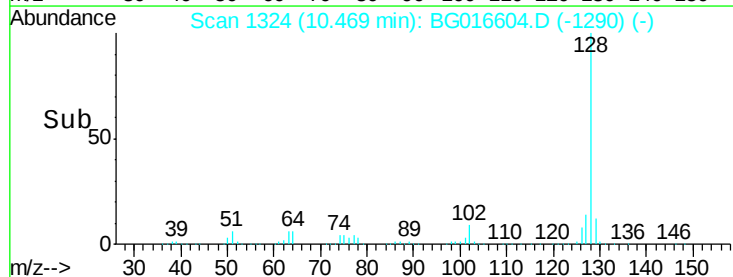
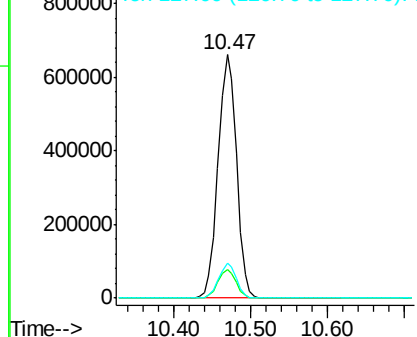


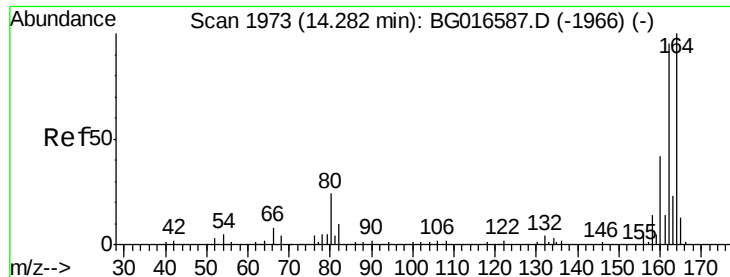
#31
Naphthalene
Concen: 97.36 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG016604.D
Acq: 22 Apr 2015 5:05

Tgt Ion: 128 Resp: 1084518
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 14.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

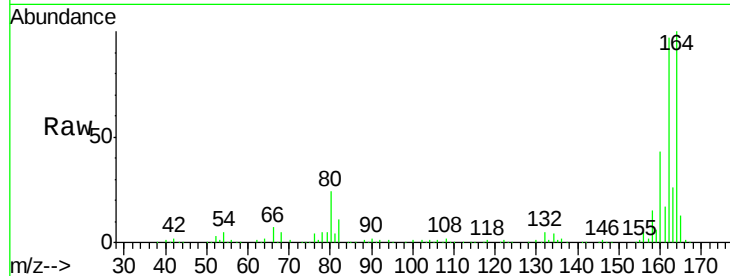




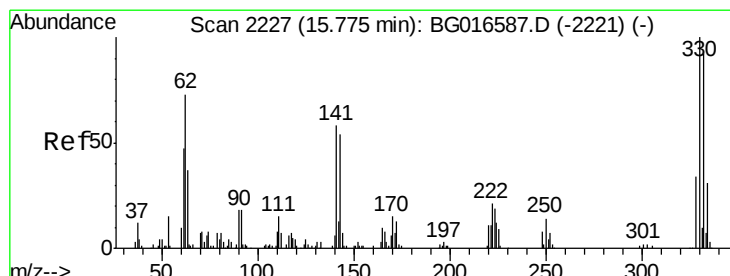
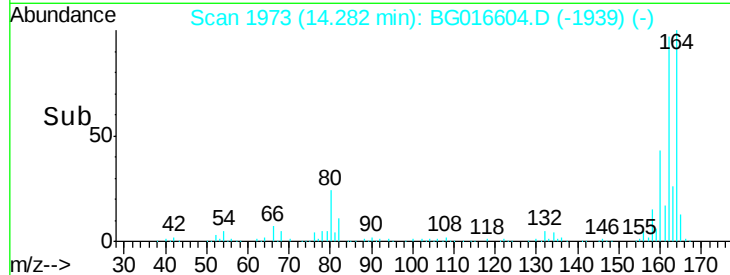
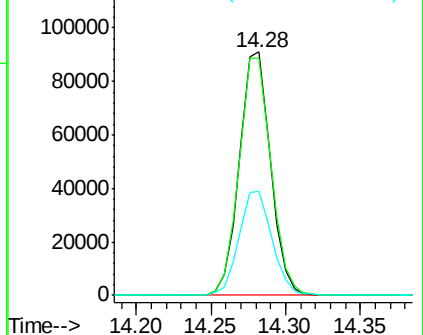
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG016604.D
Acq: 22 Apr 2015 5:05

Instrument :
BNA_G
ClientSampleId :
TRC-MW3

Tot Ion:164 Resp: 131545
Ion Ratio Lower Upper
164 100
162 97.3 75.8 113.6
160 43.0 33.8 50.6

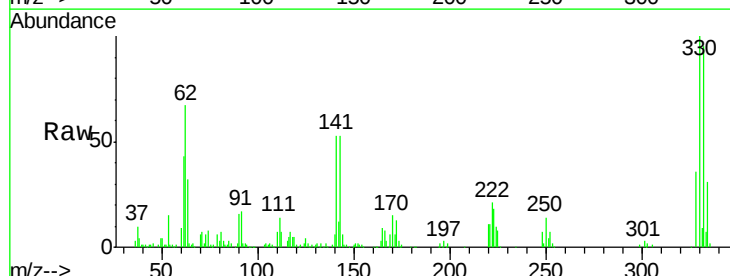


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

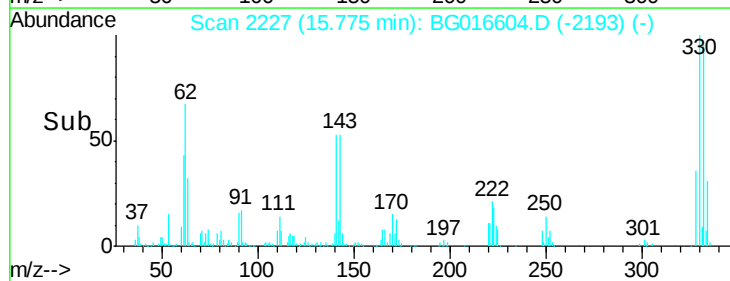
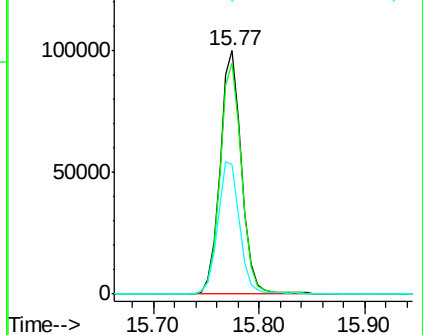


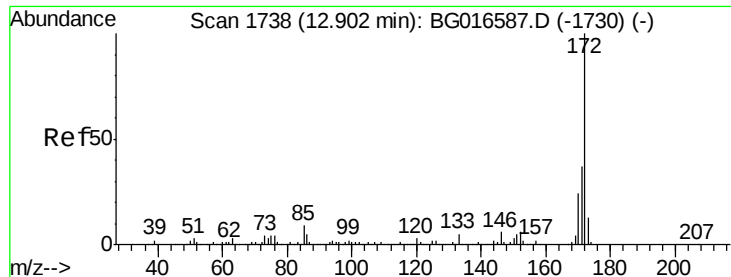
#41
2,4,6-Tribromophenol
Concen: 158.24 ng
RT: 15.77 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG016604.D
Acq: 22 Apr 2015 5:05

Tgt Ion:330 Resp: 141375
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 56.5 45.9 68.9



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

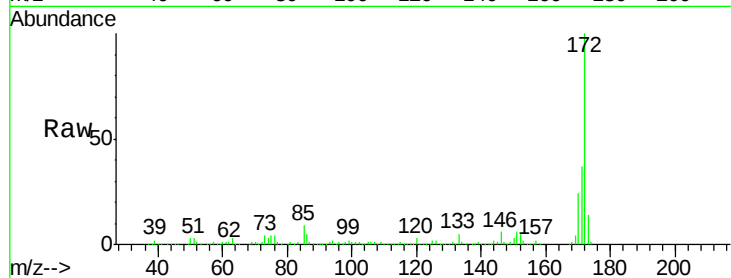




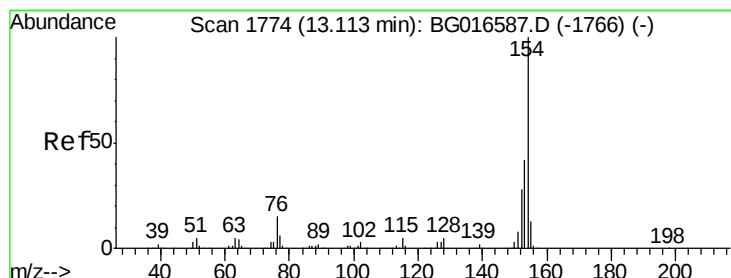
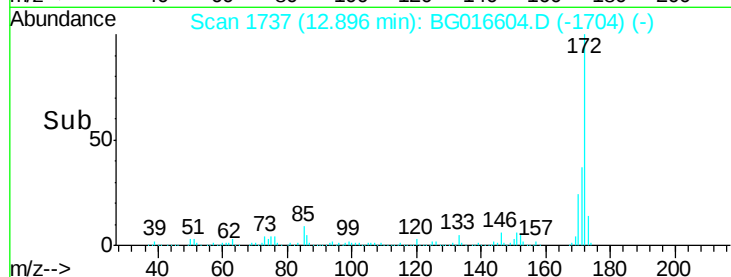
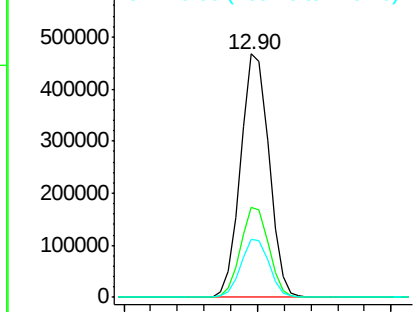
#44
2-Fluorobiphenyl
Concen: 86.57 ng
RT: 12.90 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG016604.D
Acq: 22 Apr 2015 5:05

Instrument :
BNA_G
ClientSampleId :
TRC-MW3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.0	19.4	29.0

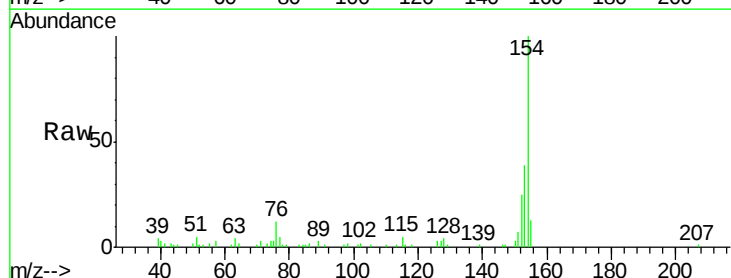


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

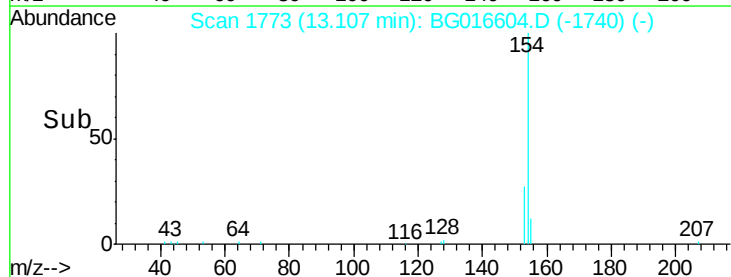
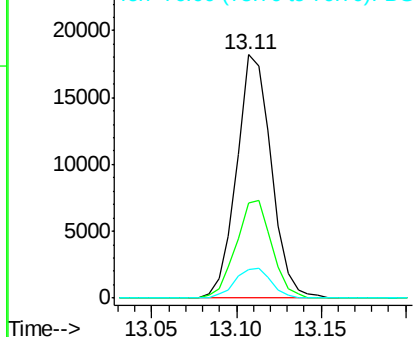


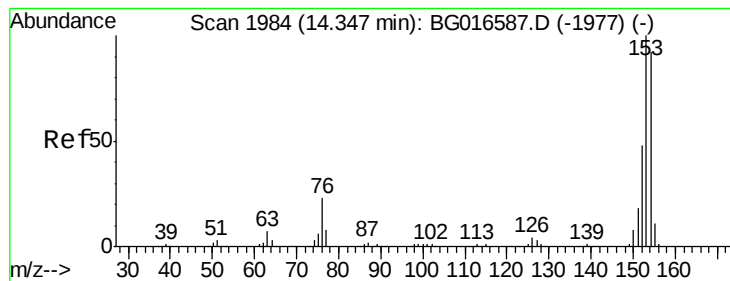
#45
1,1'-Biphenyl
Concen: 2.56 ng
RT: 13.11 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG016604.D
Acq: 22 Apr 2015 5:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.0	22.4	62.4
76	11.7	0.0	35.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#51

Acenaphthene

Concen: 9.32 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG016604.D

Acq: 22 Apr 2015 5:05

Instrument :

BNA_G

ClientSampleId :

TRC-MW3

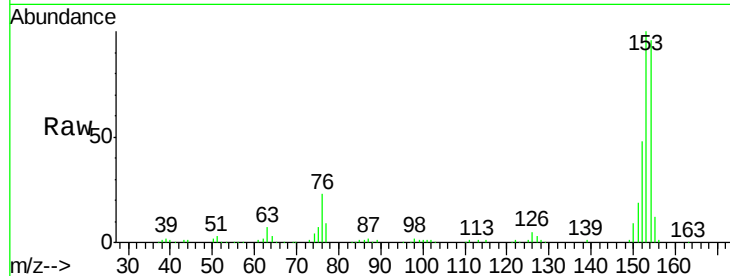
Tot Ion:154 Resp: 76615

Ion Ratio Lower Upper

154 100

153 103.8 87.3 130.9

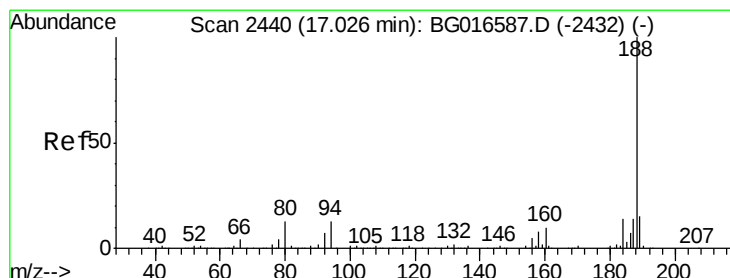
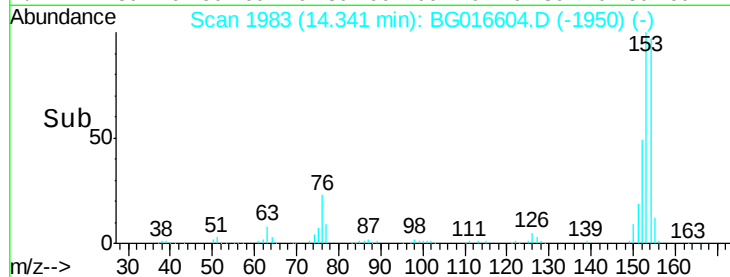
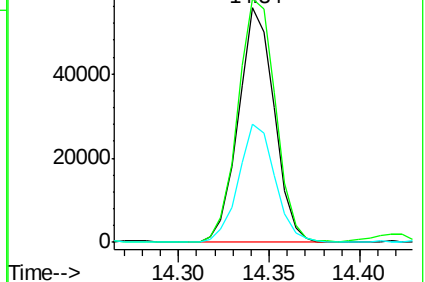
152 50.2 41.4 62.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.02 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG016604.D

Acq: 22 Apr 2015 5:05

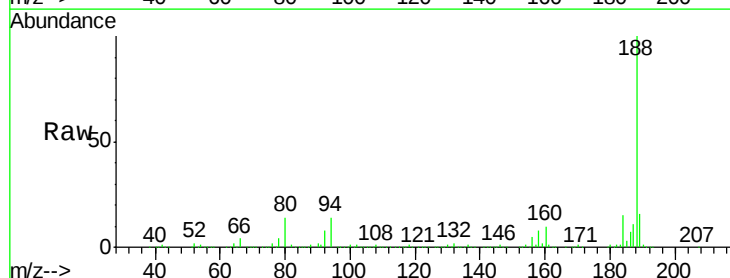
Tgt Ion:188 Resp: 323848

Ion Ratio Lower Upper

188 100

94 13.5 10.5 15.7

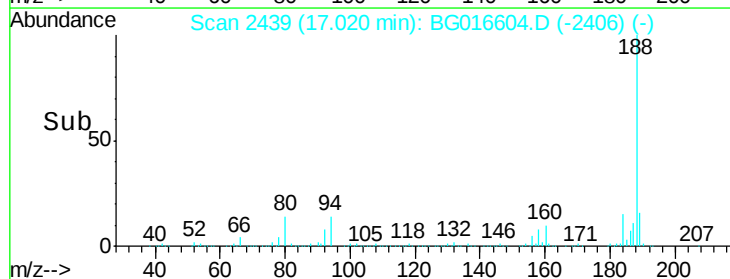
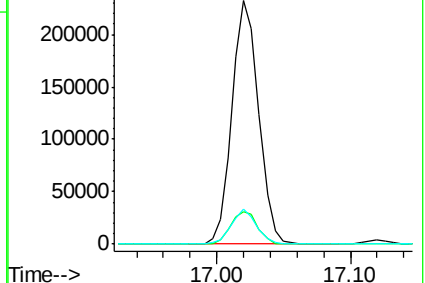
80 14.1 10.6 16.0

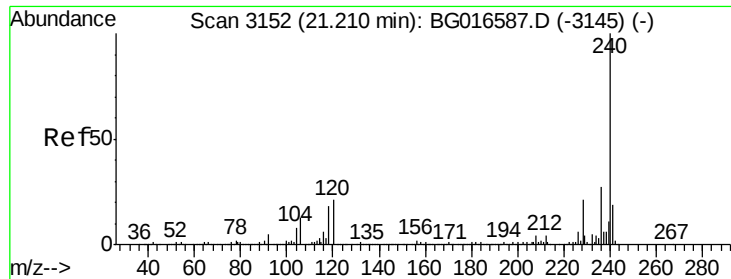


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.20 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG016604.D

Acq: 22 Apr 2015 5:05

Instrument :

BNA_G

ClientSampleId :

TRC-MW3

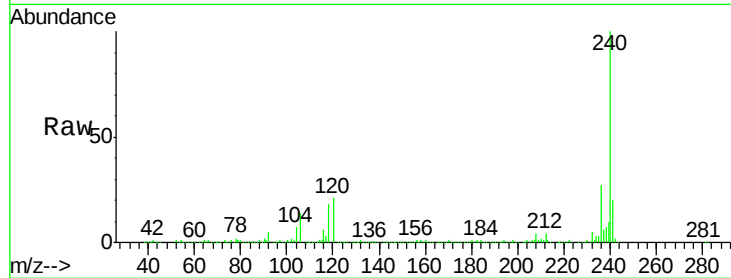
Tot Ion:240 Resp: 334545

Ion Ratio Lower Upper

240 100

120 20.9 16.7 25.1

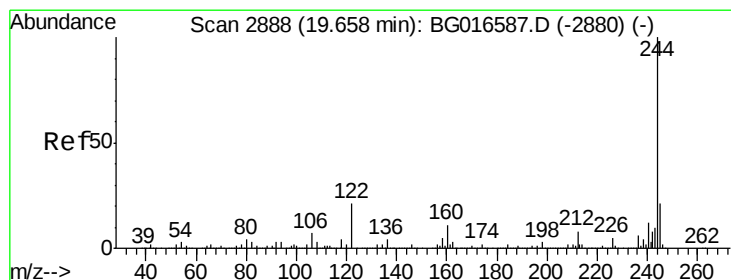
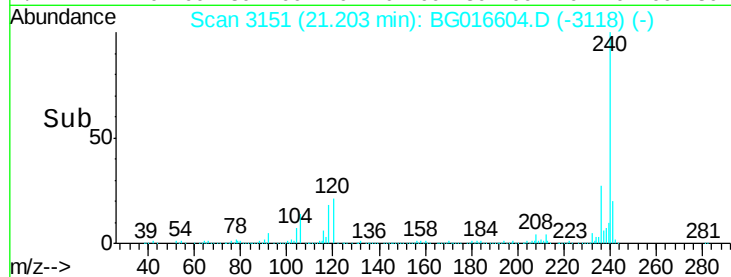
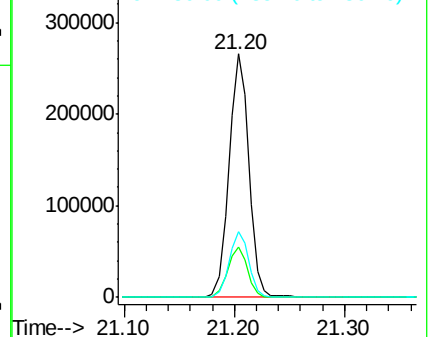
236 26.8 21.7 32.5



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: 75.27 ng

RT: 19.65 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG016604.D

Acq: 22 Apr 2015 5:05

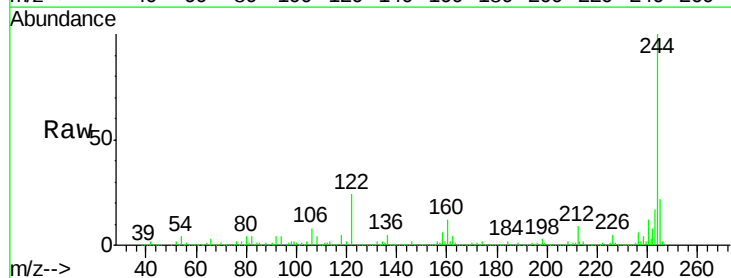
Tgt Ion:244 Resp: 1045194

Ion Ratio Lower Upper

244 100

212 8.6 6.8 10.2

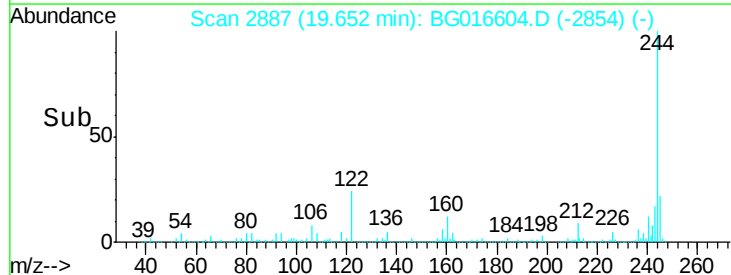
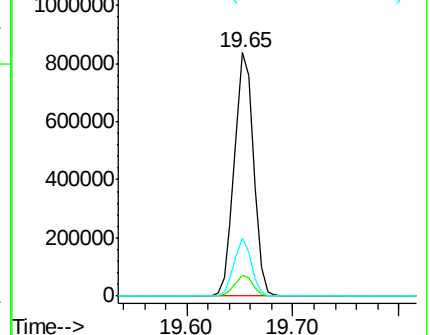
122 23.6 17.0 25.6

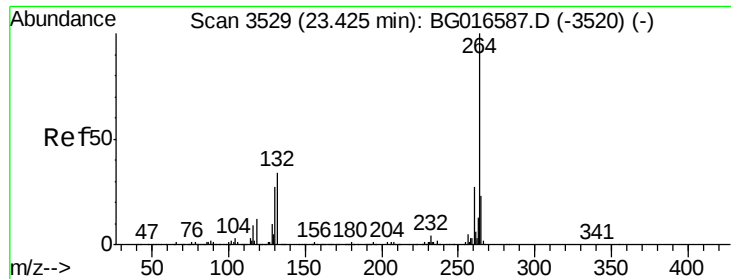


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

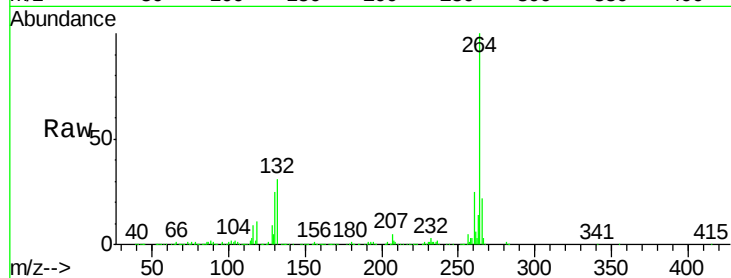




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG016604.D
Acq: 22 Apr 2015 5:05

Instrument :
BNA_G
ClientSampleId :
TRC-MW3

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.4	32.2
265	21.7	18.7	28.1



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

