

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 06:01:39 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

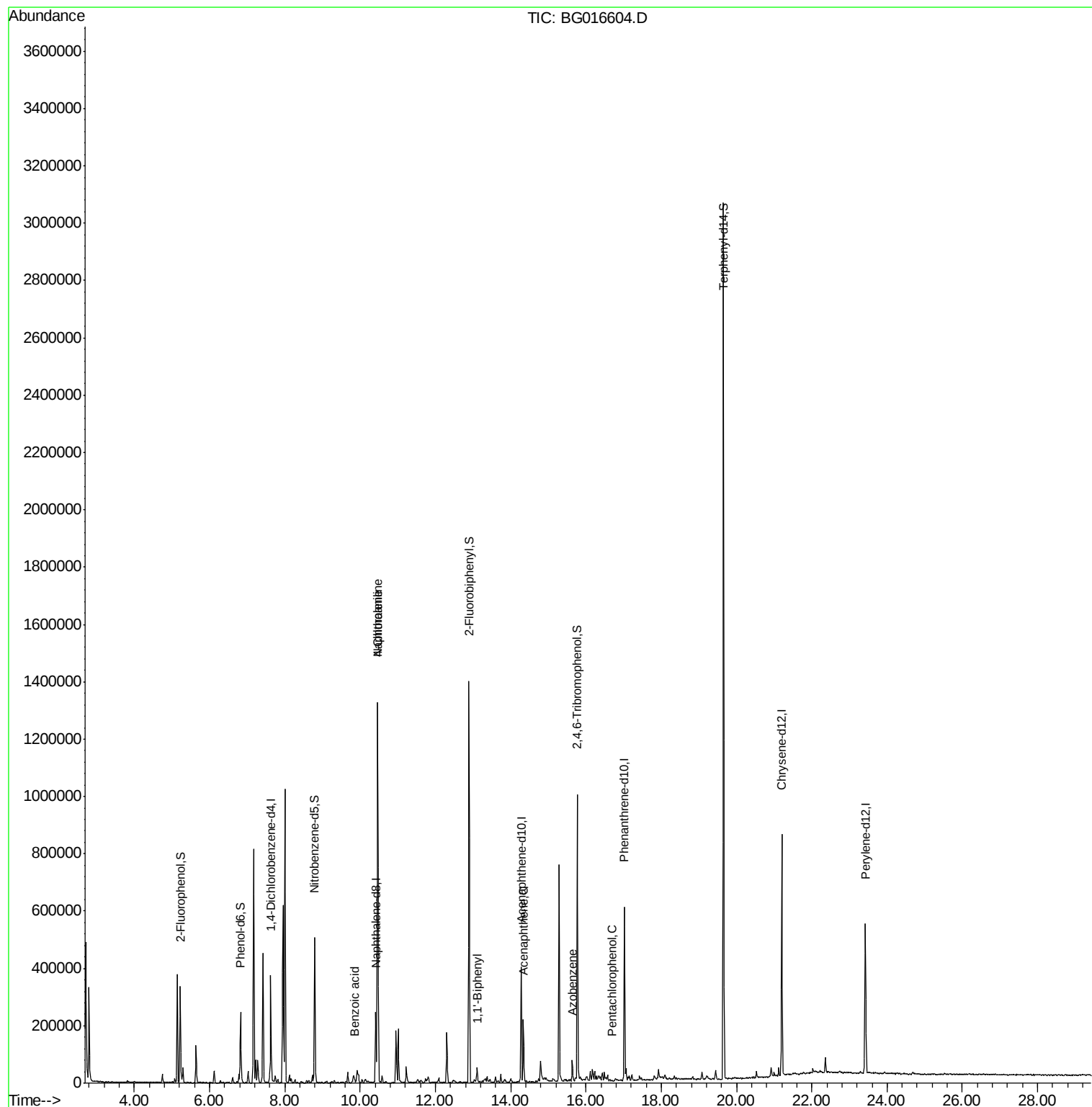
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	46569	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	213393	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	131545	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	323848	20.00	ng	0.00
75) Chrysene-d12	21.20	240	334545	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						Qvalue
31) Naphthalene	10.47	128	1084518	97.36	ng	98
32) Benzoic acid	9.88	122	444	7.41	ng	# 36
33) 4-Chloroaniline	10.47	127	149004	29.25	ng	# 34
45) 1,1'-Biphenyl	13.11	154	25977	2.56	ng	94
51) Acenaphthene	14.34	154	76615	9.32	ng	96
62) Azobenzene	15.64	77	20153	2.10	ng	# 1
69) Pentachlorophenol	16.69	266	59	6.28	ng	# 18

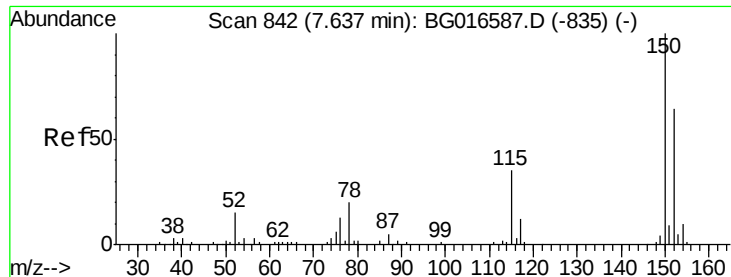
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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BNA_G

ClientSampleId :

TRC-MW3

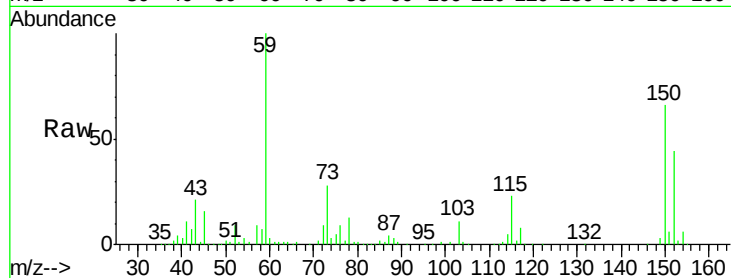
Tgt Ion:152 Resp: 46569

Ion Ratio Lower Upper

152 100

150 152.5 125.5 188.3

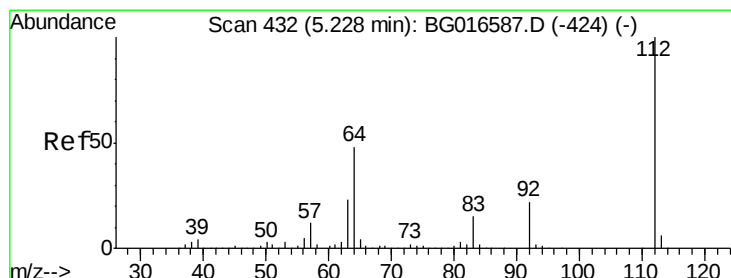
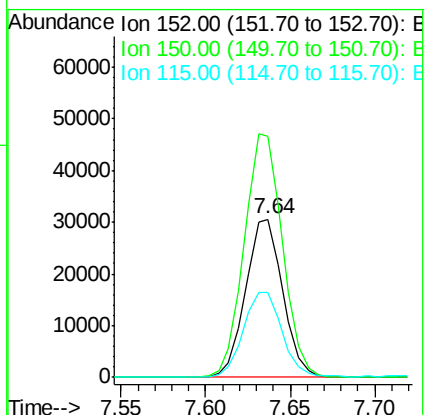
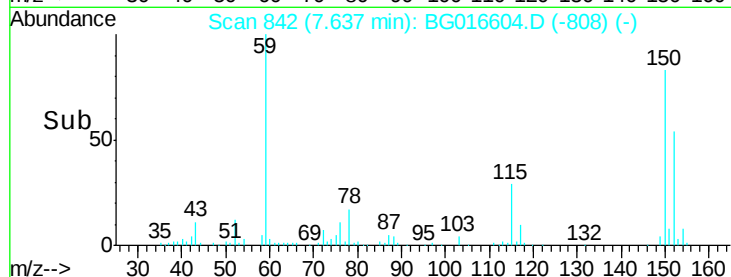
115 53.9 44.5 66.7



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

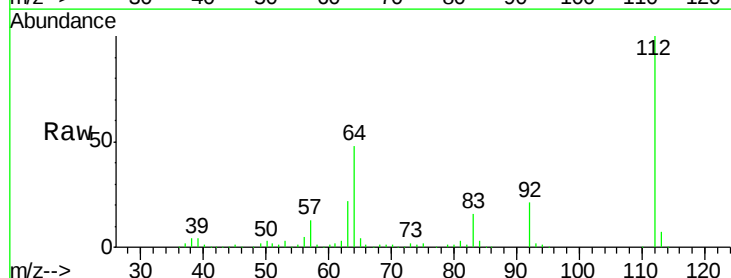
Tgt Ion:112 Resp: 171068

Ion Ratio Lower Upper

112 100

64 48.4 38.5 57.7

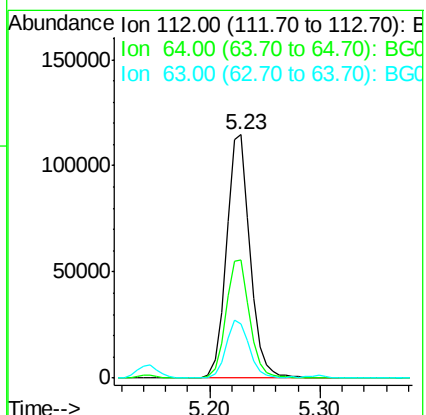
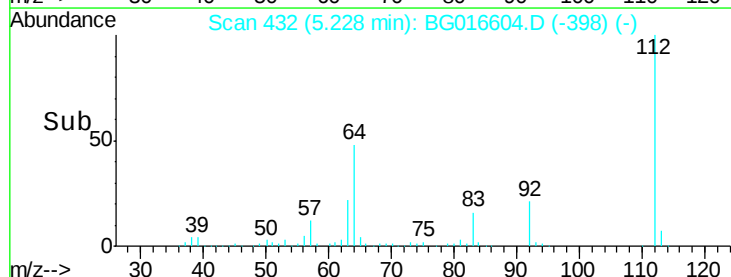
63 22.4 18.2 27.4

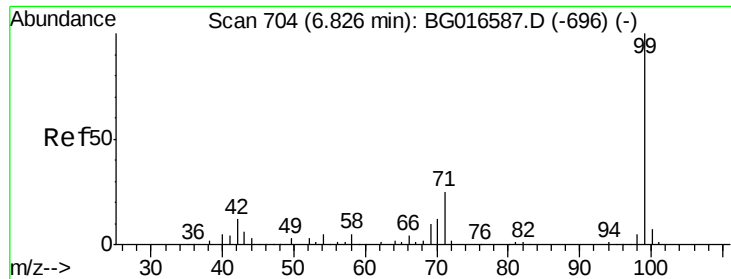


Abundance Ion 112.00 (111.70 to 112.70): E

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

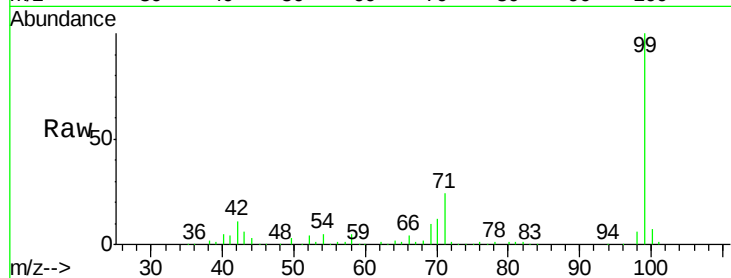
Tgt Ion: 99 Resp: 164664

Ion Ratio Lower Upper

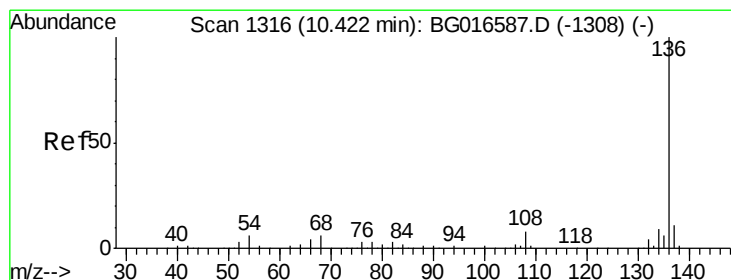
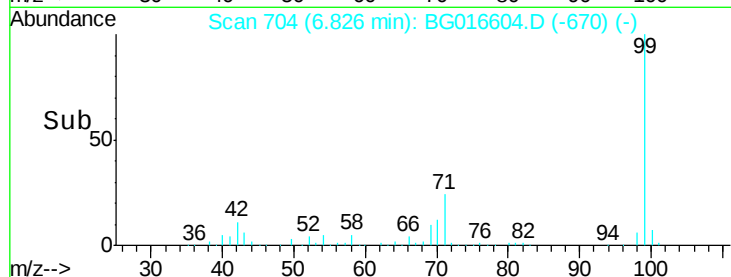
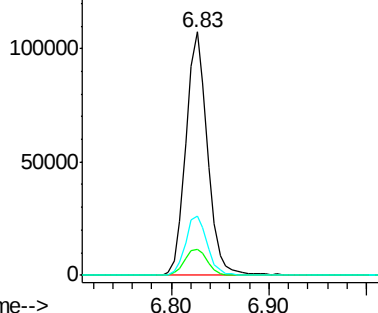
99 100

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

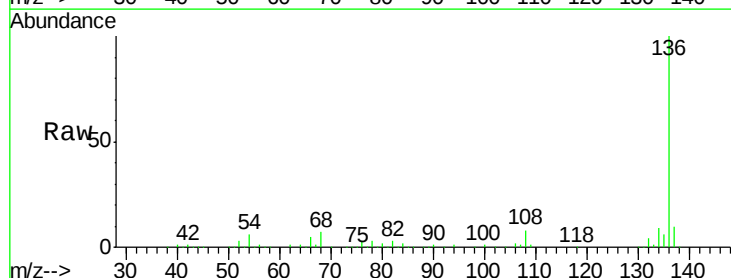
Ion Ratio Lower Upper

136 100

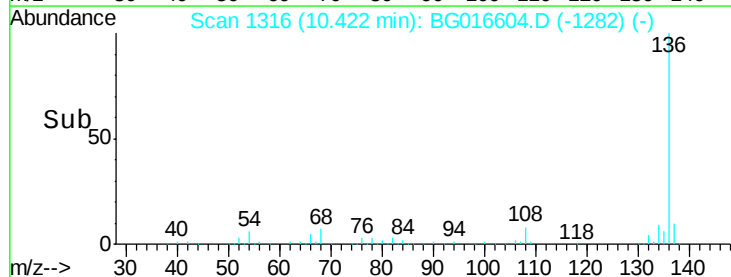
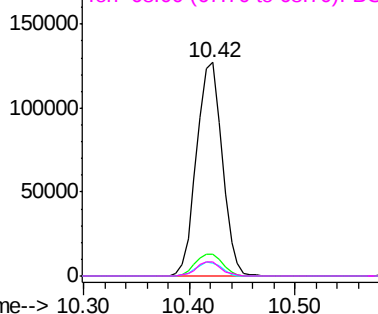
137 10.5 8.8 13.2

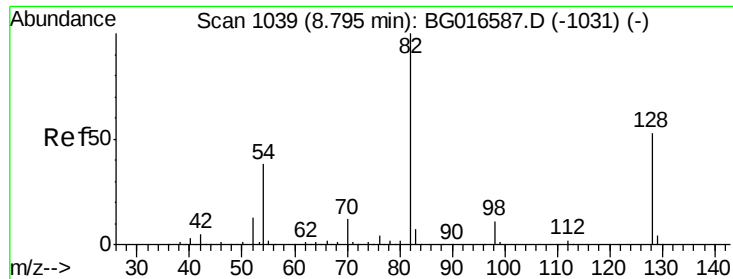
54 6.1 4.9 7.3

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

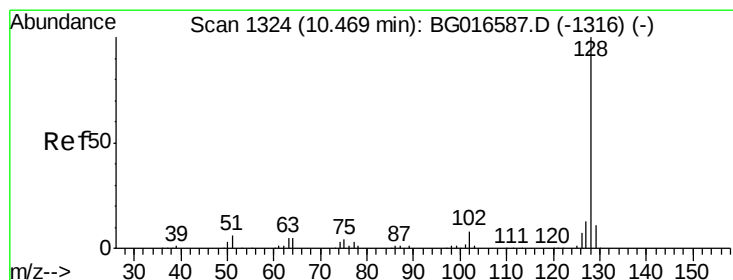
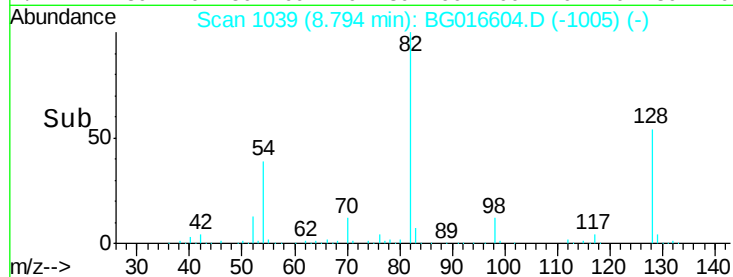
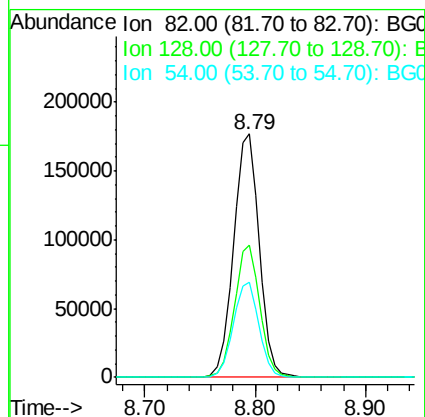
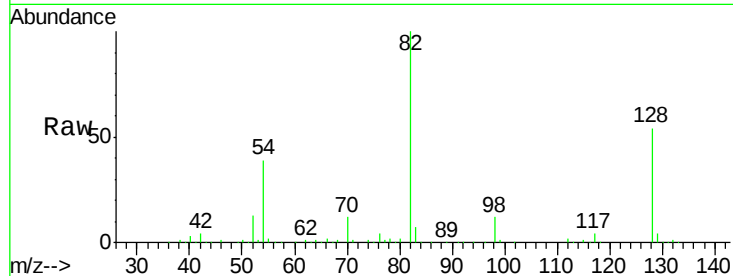




#23
Nitrobenzene-d5
Concen: 83.40 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG016604.D
Acq: 22 Apr 2015 5:05

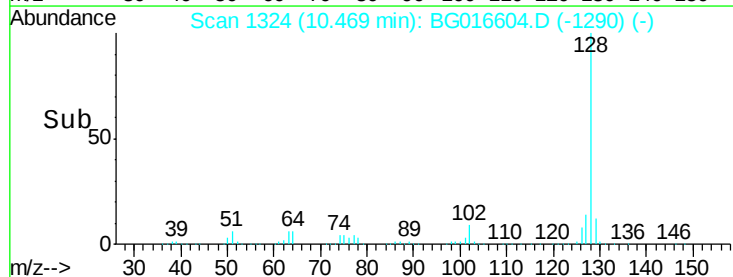
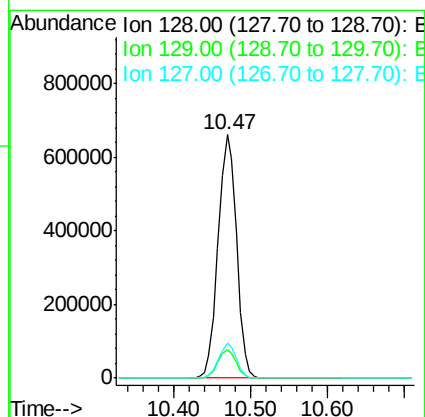
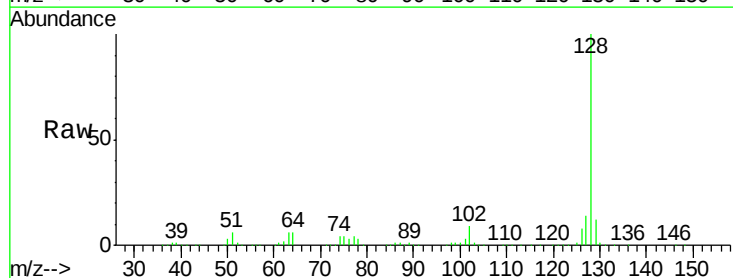
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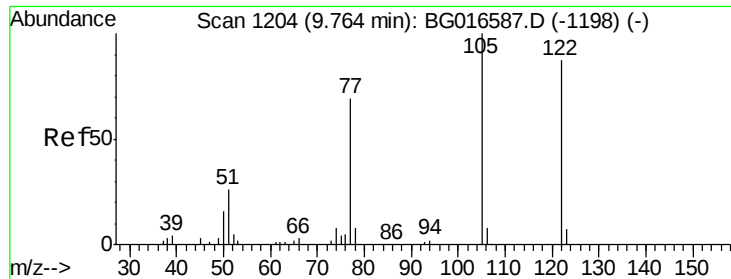
Tgt Ion: 82 Resp: 289027
Ion Ratio Lower Upper
82 100
128 54.1 42.7 64.1
54 39.3 30.6 45.8



#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

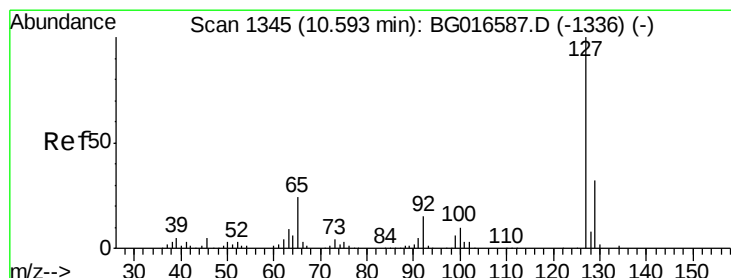
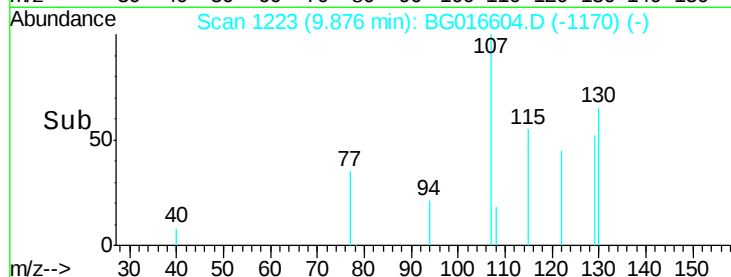
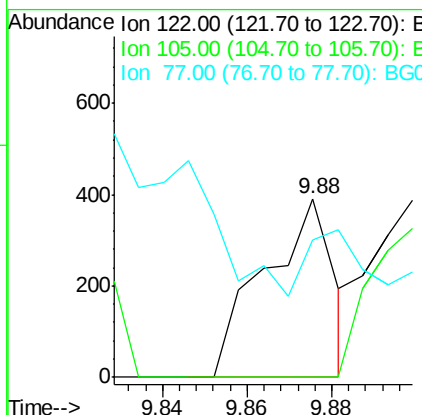
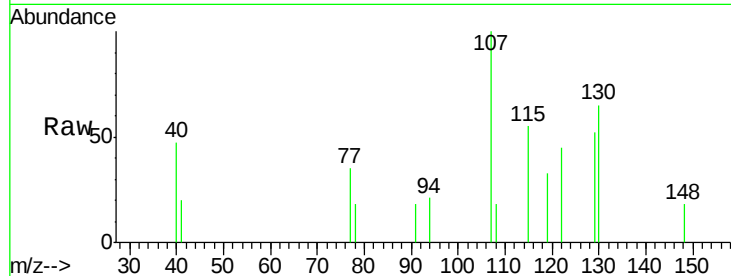




#32
Benzoic acid
Concen: 7.41 ng
RT: 9.88 min Scan# 1223
Delta R.T. 0.11 min
Lab File: BG016604.D
Acq: 22 Apr 2015 5:05

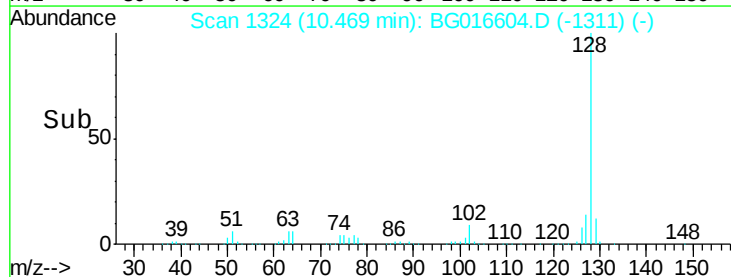
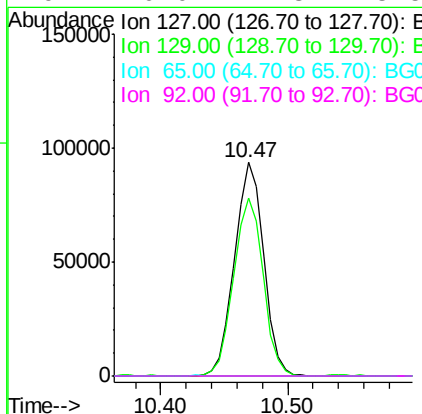
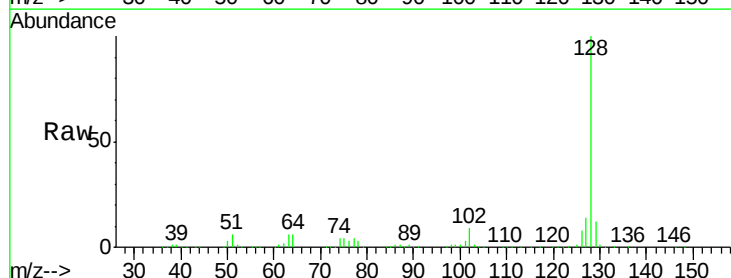
Instrument :
BNA_G
ClientSampleId :
TRC-MW3

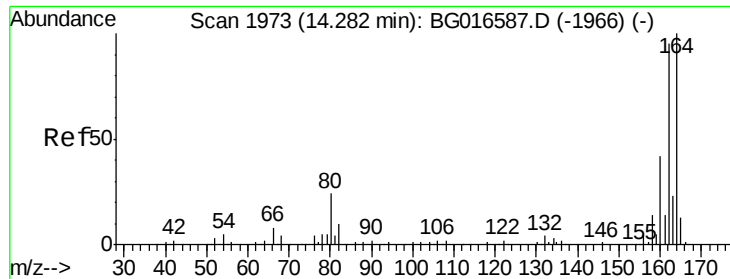
Tgt Ion:122 Resp: 444
Ion Ratio Lower Upper
122 100
105 0.0 95.5 135.5#
77 77.0 60.2 100.2



#33
4-Chloroaniline
Concen: 29.25 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.12 min
Lab File: BG016604.D
Acq: 22 Apr 2015 5:05

Tgt Ion:127 Resp: 149004
Ion Ratio Lower Upper
127 100
129 83.5 25.4 38.0#
65 0.0 19.0 28.4#
92 0.0 12.3 18.5#





#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

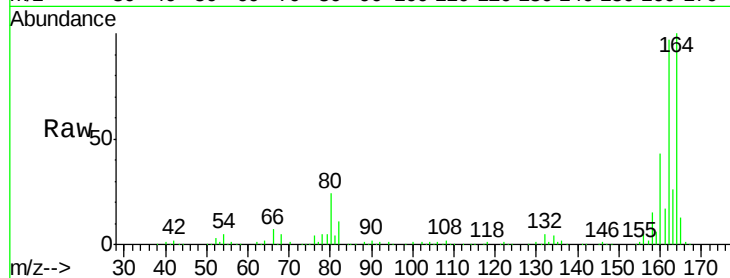
Tgt Ion:164 Resp: 131545

Ion Ratio Lower Upper

164 100

162 97.3 75.8 113.6

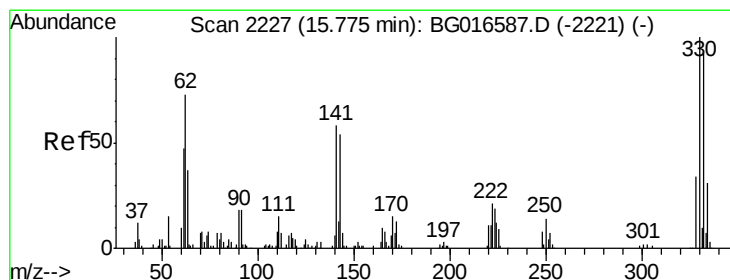
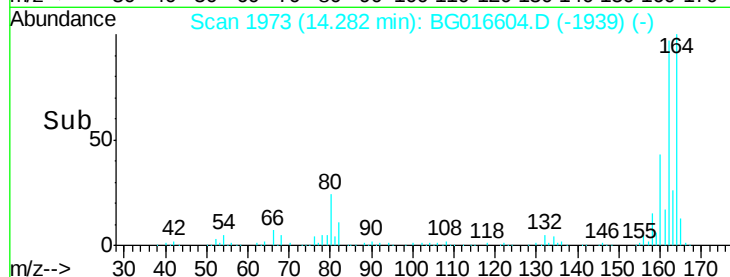
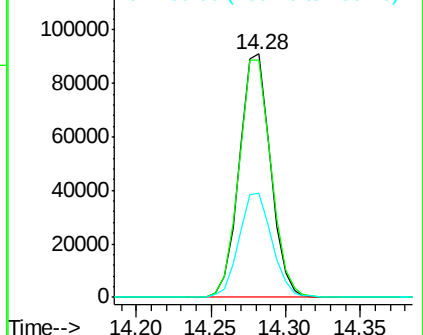
160 43.0 33.8 50.6



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

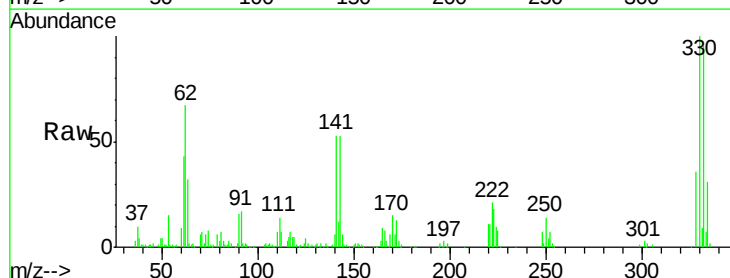
Tgt Ion:330 Resp: 141375

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

