

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022573.D
 Acq On : 25 Jun 2016 14:07
 Operator : UM/SJ
 Sample : H3633-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEMW2-17

Quant Time: Jun 27 01:08:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

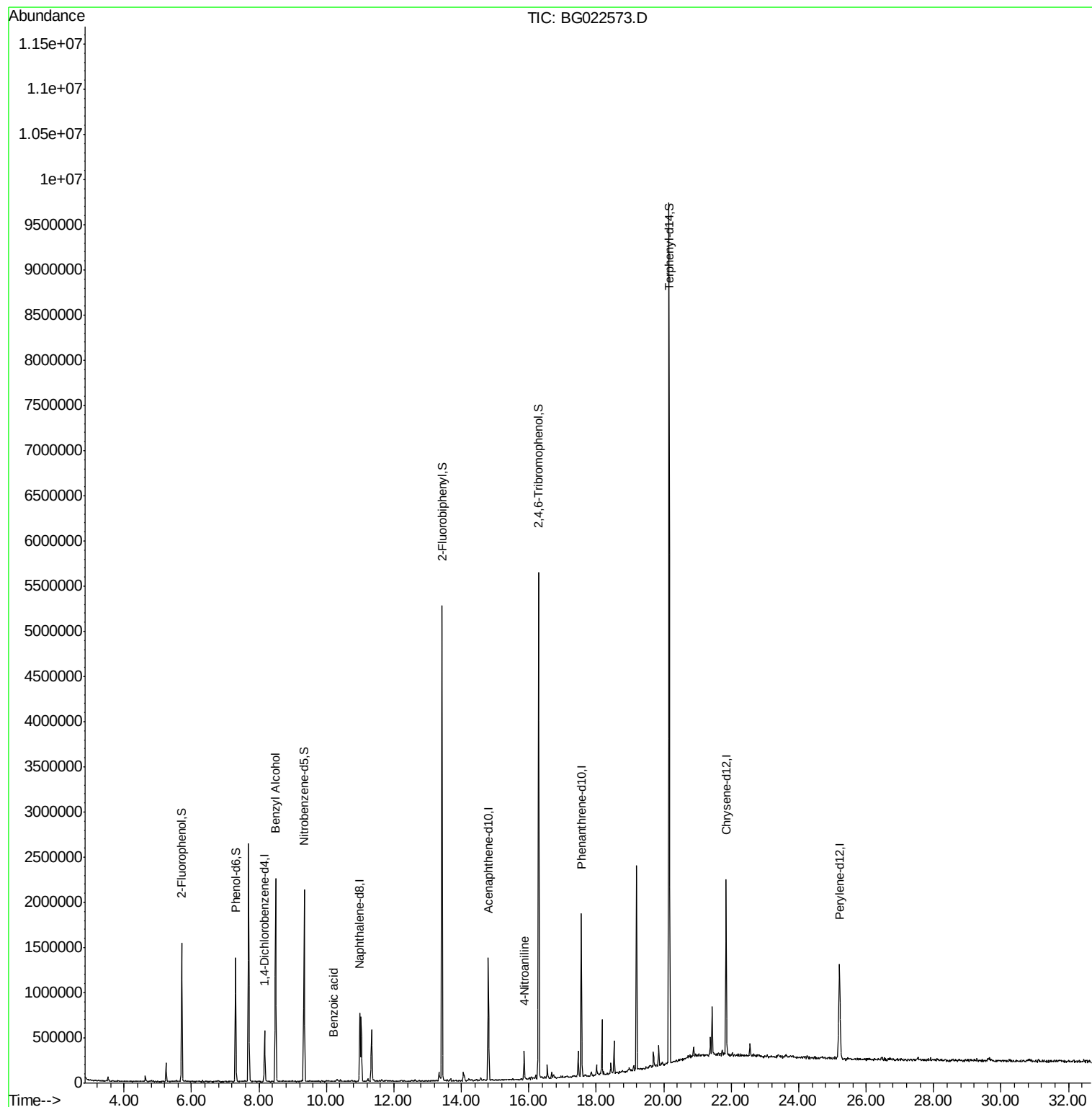
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	144648	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	603044	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	426930	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1055002	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1172380	20.00	ng	0.00
86) Perylene-d12	25.21	264	1200054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	630887	69.96	ng	0.00
7) Phenol-d6	7.31	99	764093	60.11	ng	0.00
23) Nitrobenzene-d5	9.34	82	1335155	93.71	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	1008382	150.17	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2519217	93.58	ng	0.00
78) Terphenyl-d14	20.16	244	3386782	76.54	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	24614	2.09	ng	# 55
32) Benzoic acid	10.20	122	912	5.23	ng	# 1
61) 4-Nitroaniline	15.86	138	82078	11.05	ng	# 1

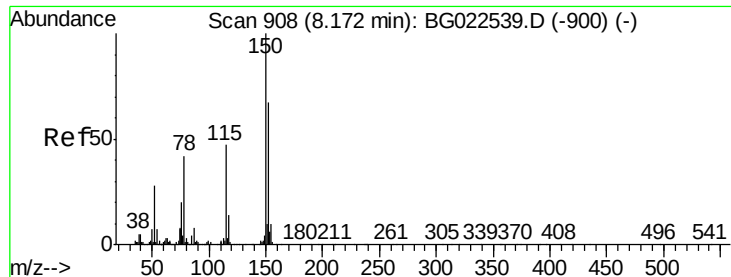
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG022573.D

Acq: 25 Jun 2016 14:07

Instrument :

BNA_G

ClientSampleId :

TEMW2-17

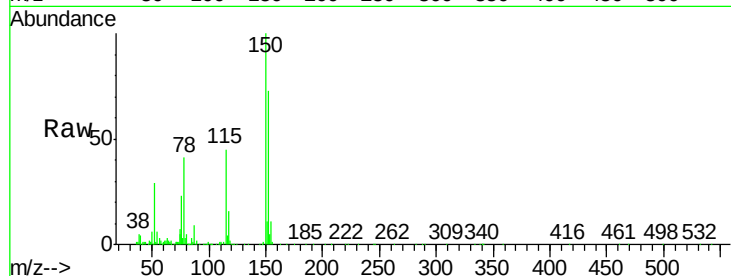
Tgt Ion:152 Resp: 144648

Ion Ratio Lower Upper

152 100

150 136.9 144.7 217.1#

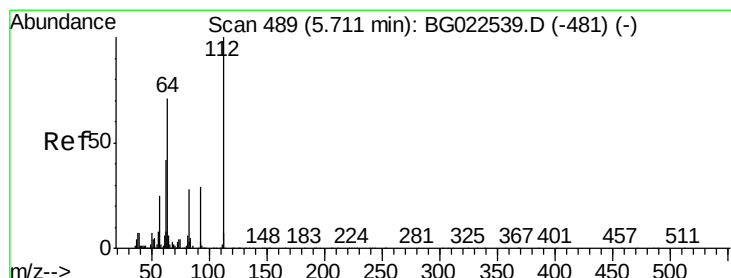
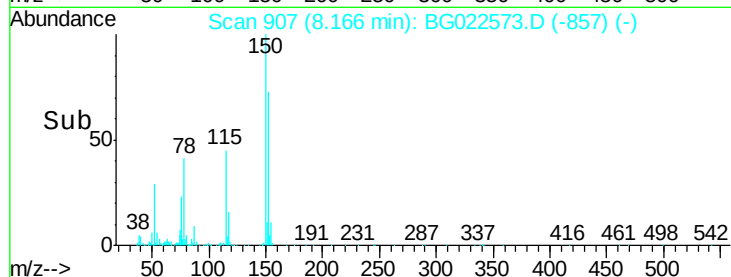
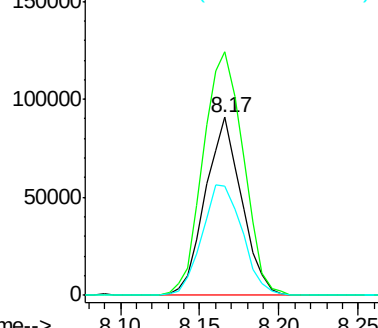
115 61.7 64.0 96.0#



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: 69.96 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022573.D

Acq: 25 Jun 2016 14:07

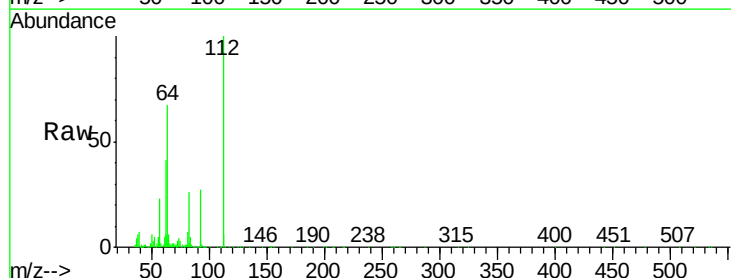
Tgt Ion:112 Resp: 630887

Ion Ratio Lower Upper

112 100

64 67.0 59.0 88.4

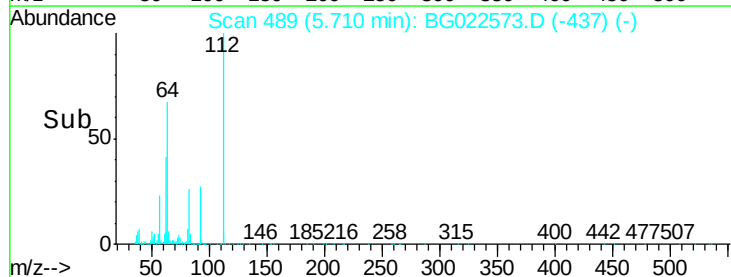
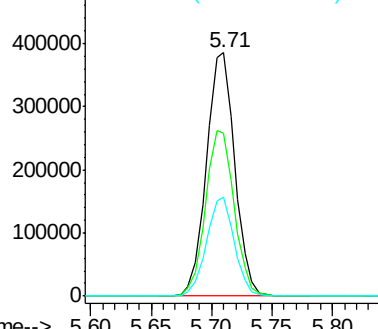
63 40.6 37.8 56.8

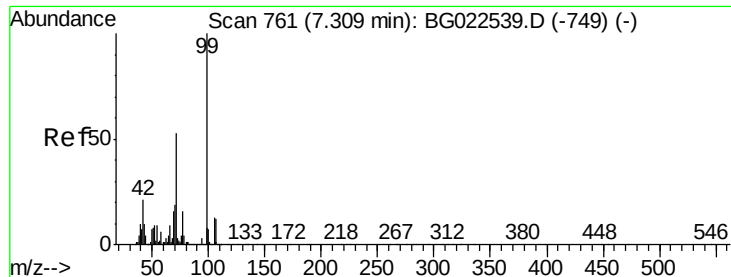


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 60.11 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022573.D

Acq: 25 Jun 2016 14:07

Instrument :

BNA_G

ClientSampleId :

TEMW2-17

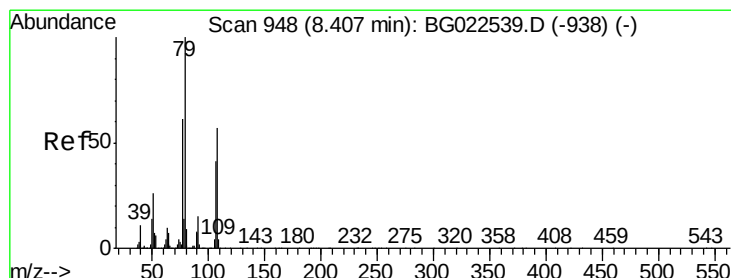
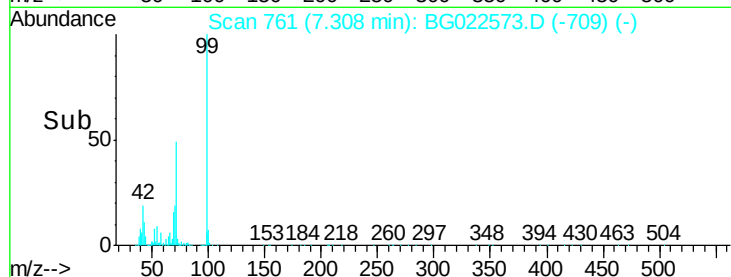
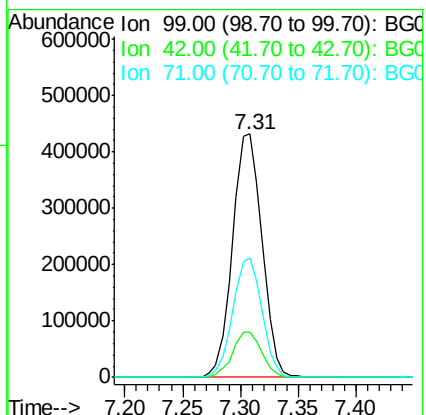
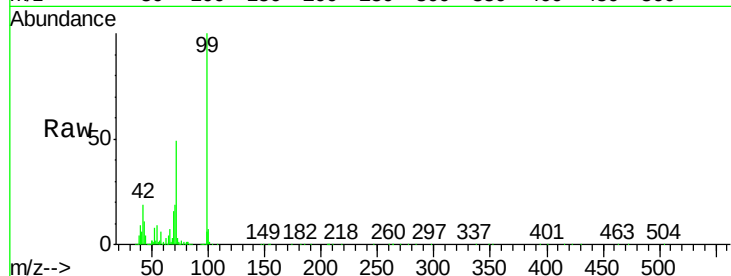
Tgt Ion: 99 Resp: 764093

Ion Ratio Lower Upper

99 100

42 18.8 17.8 26.6

71 49.3 41.5 62.3



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 8.49 min Scan# 963

Delta R.T. 0.09 min

Lab File: BG022573.D

Acq: 25 Jun 2016 14:07

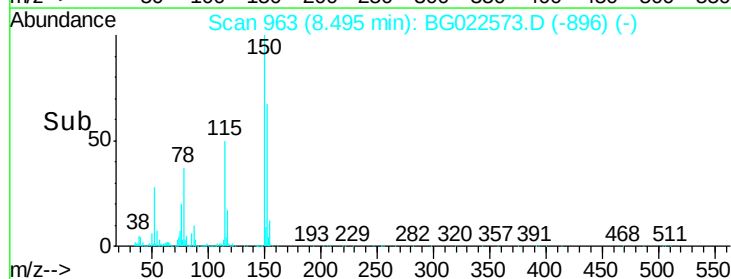
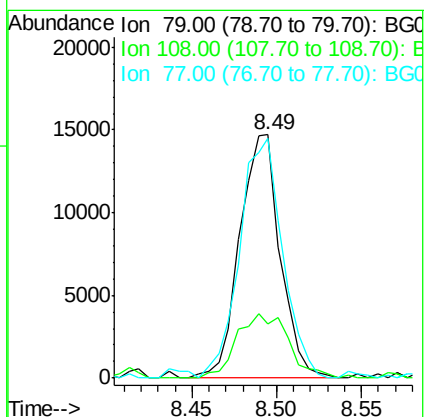
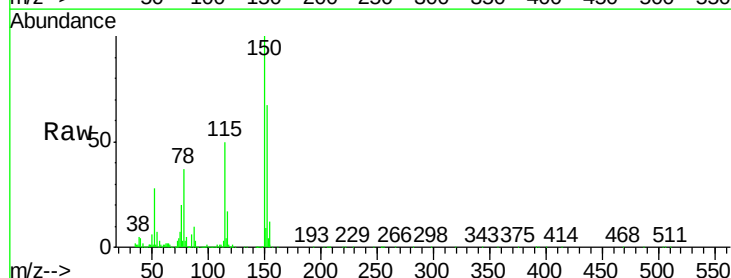
Tgt Ion: 79 Resp: 24614

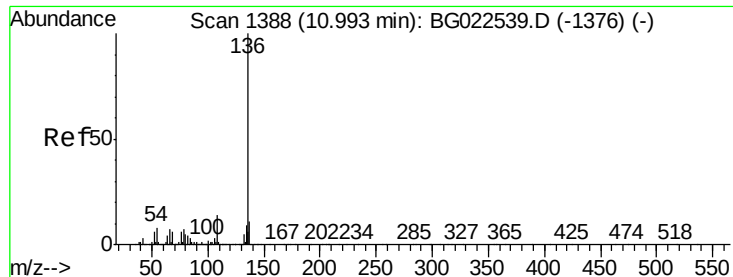
Ion Ratio Lower Upper

79 100

108 22.2 46.5 69.7#

77 98.3 52.3 78.5#

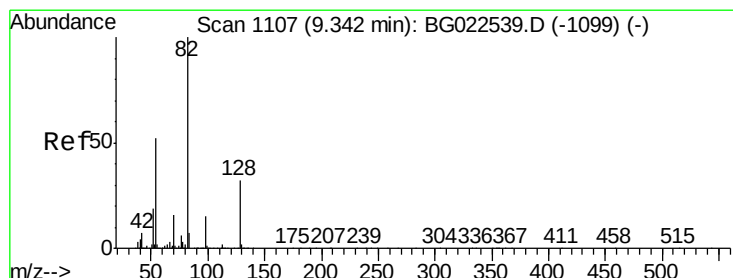
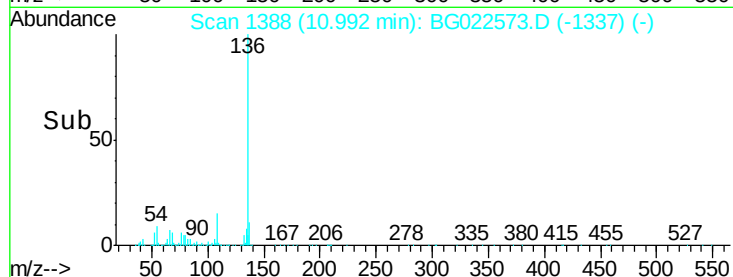
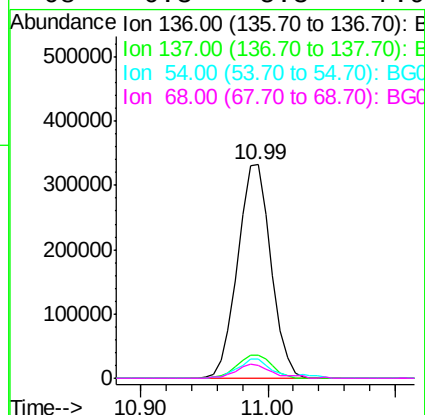
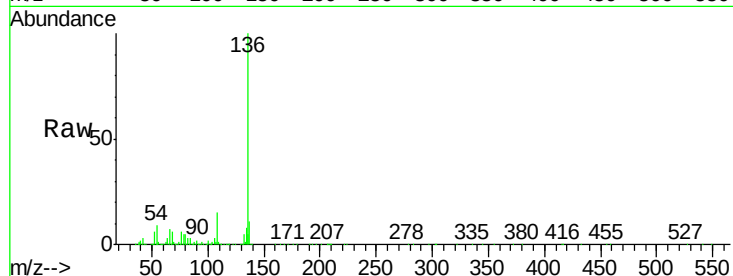




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG022573.D
Acq: 25 Jun 2016 14:07

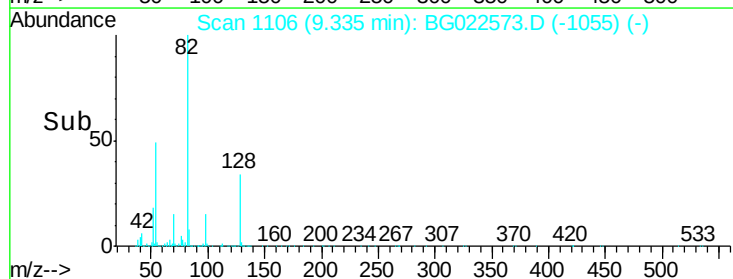
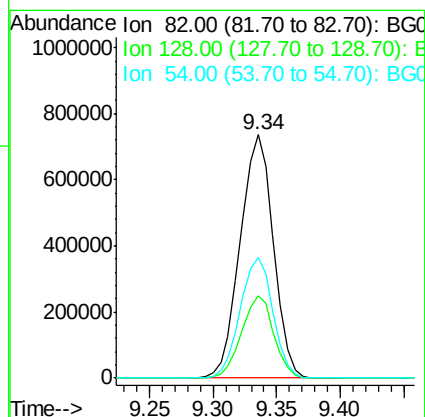
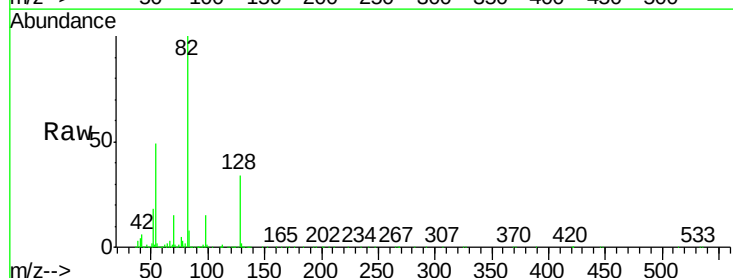
Instrument :
BNA_G
ClientSampleId :
TEMW2-17

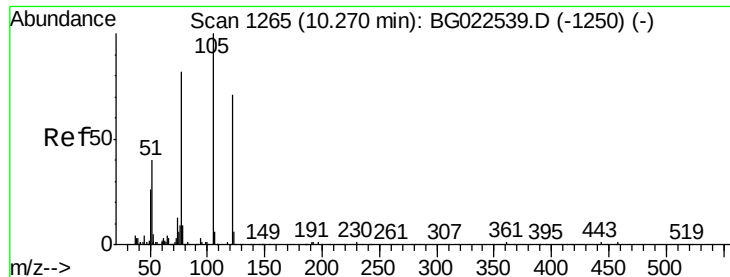
Tgt Ion:	136	Resp:	603044
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	8.7	7.3	10.9
68	6.3	5.3	7.9



#23
Nitrobenzene-d5
Concen: 93.71 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022573.D
Acq: 25 Jun 2016 14:07

Tgt Ion:	82	Resp:	1335155
Ion	Ratio	Lower	Upper
82	100		
128	33.9	24.4	36.6
54	49.5	41.4	62.0





#32

Benzoic acid

Concen: 5.23 ng

RT: 10.20 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BG022573.D

Acq: 25 Jun 2016 14:07

Instrument :

BNA_G

ClientSampleId :

TEMW2-17

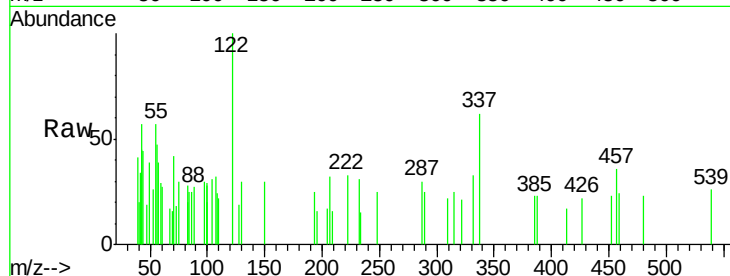
Tgt Ion:122 Resp: 912

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

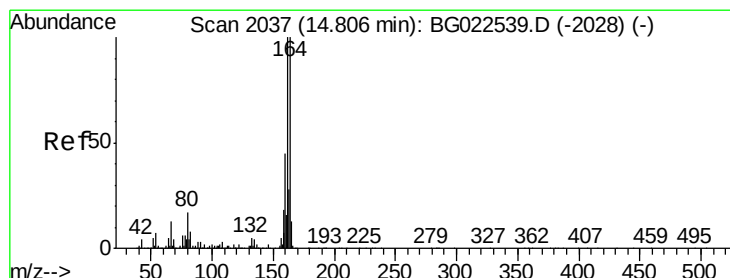
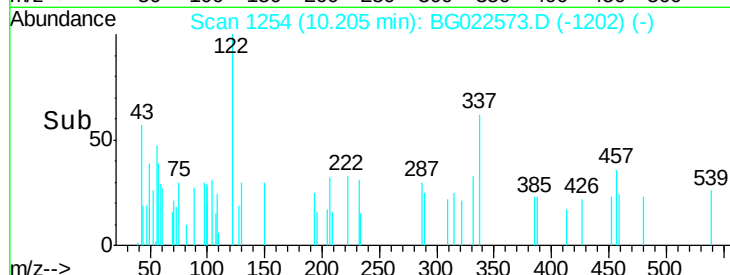
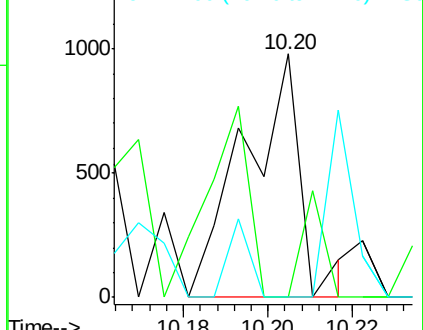
77 0.0 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022573.D

Acq: 25 Jun 2016 14:07

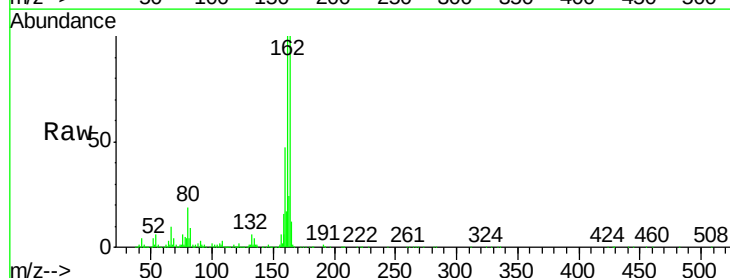
Tgt Ion:164 Resp: 426930

Ion Ratio Lower Upper

164 100

162 99.7 87.7 131.5

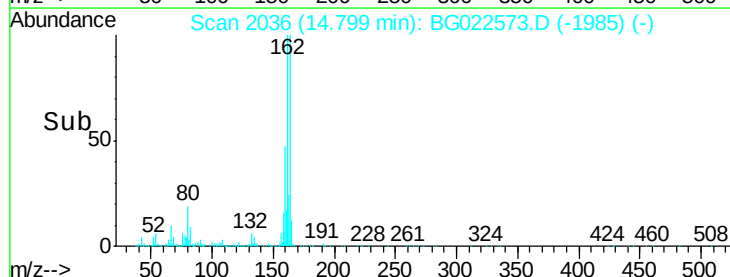
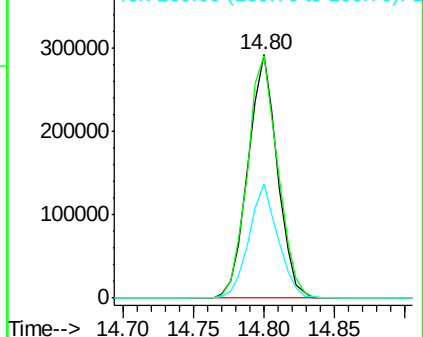
160 47.2 37.2 55.8

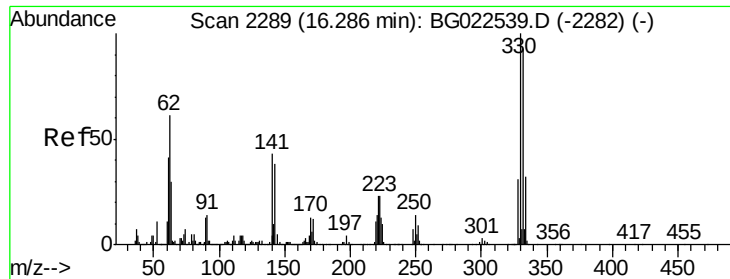


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

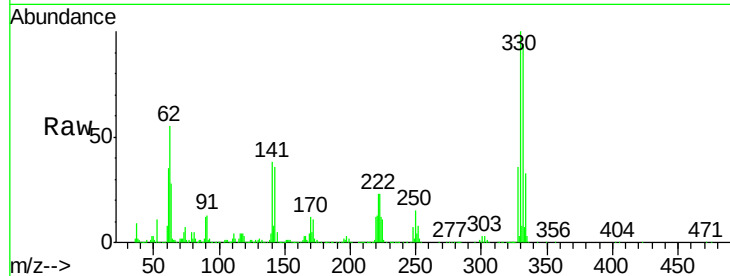




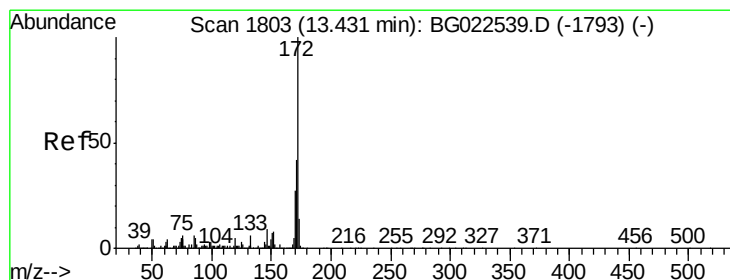
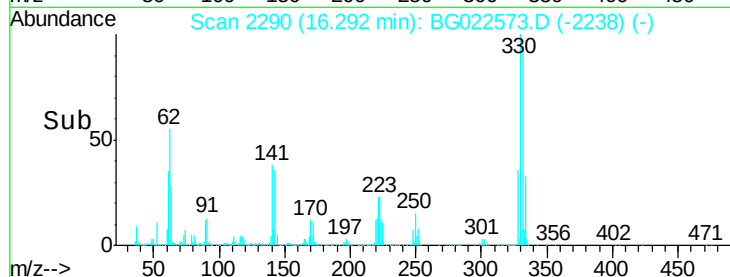
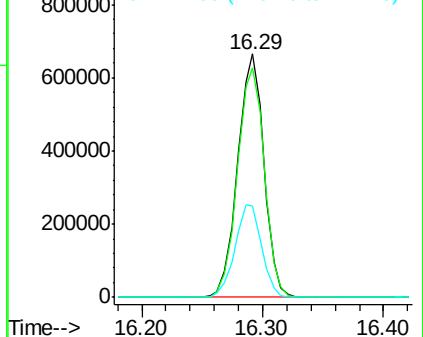
#41
 2,4,6-Tribromophenol
 Concen: 150.17 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG022573.D
 Acq: 25 Jun 2016 14:07

Instrument :
 BNA_G
 ClientSampleId :
 TEMW2-17

Tgt Ion:330 Resp: 1008382
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 38.6 31.7 47.5

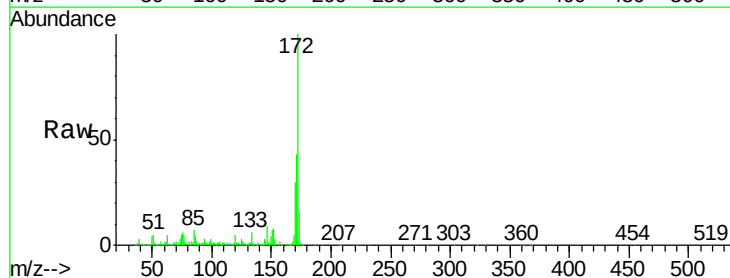


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

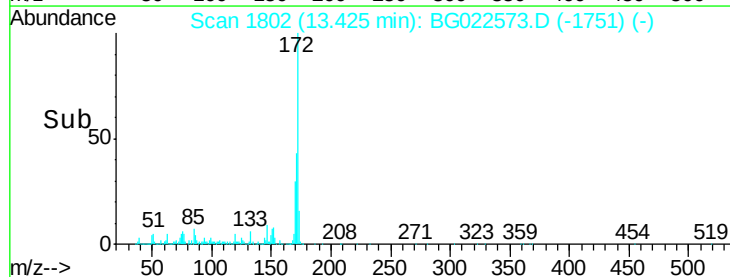
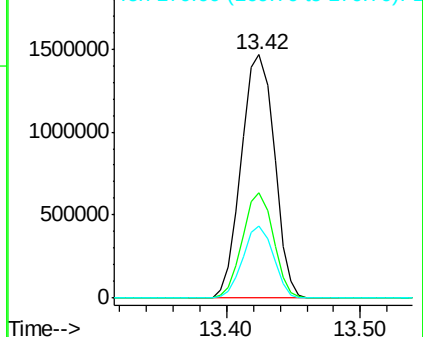


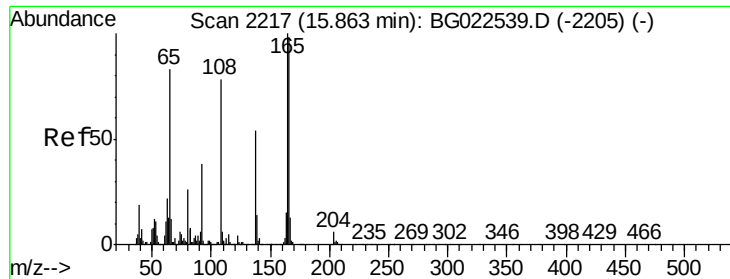
#44
 2-Fluorobiphenyl
 Concen: 93.58 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG022573.D
 Acq: 25 Jun 2016 14:07

Tgt Ion:172 Resp: 2519217
 Ion Ratio Lower Upper
 172 100
 171 43.2 31.6 47.4
 170 29.7 21.3 31.9



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

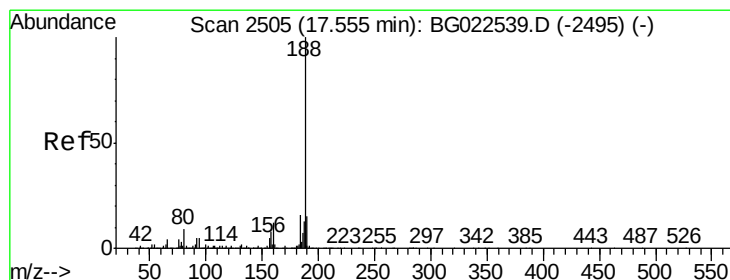
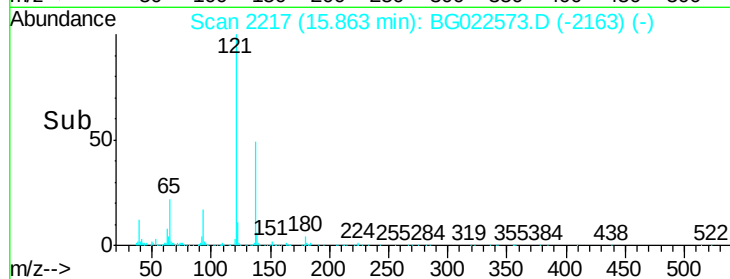
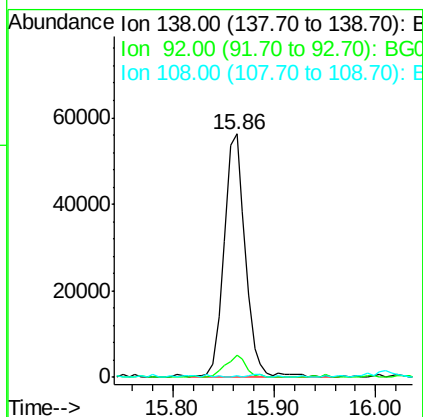
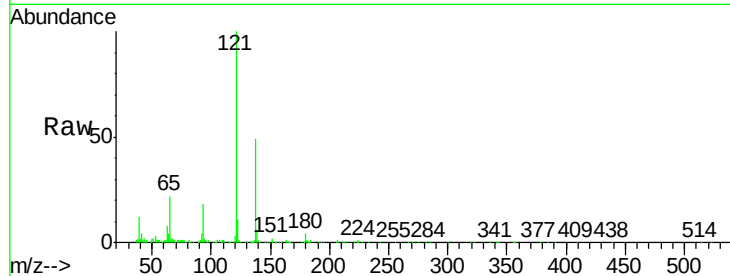




#61
4-Nitroaniline
Concen: 11.05 ng
RT: 15.86 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BG022573.D
Acq: 25 Jun 2016 14:07

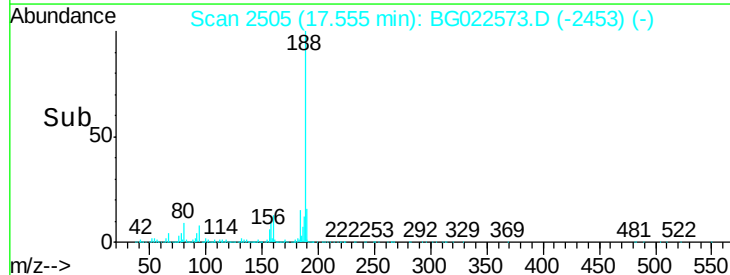
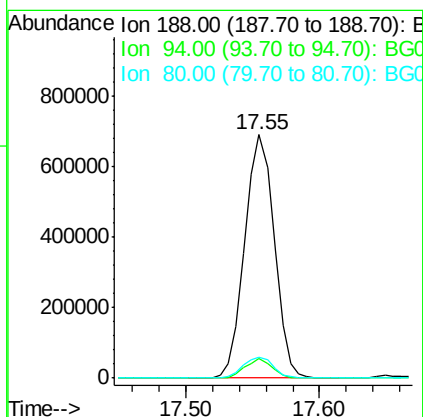
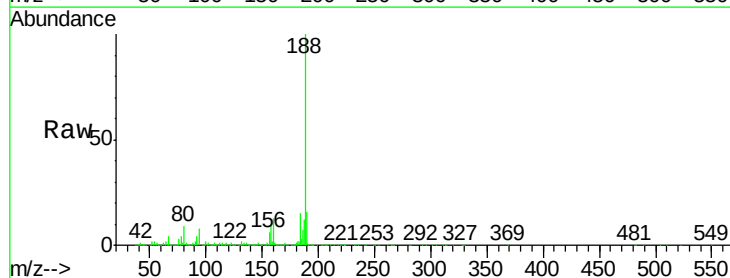
Instrument :
BNA_G
ClientSampleId :
TEMW2-17

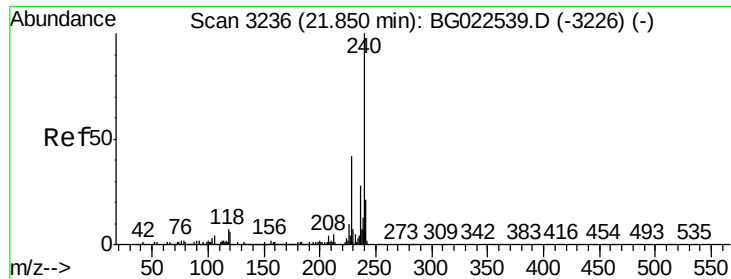
Tgt Ion:138 Resp: 82078
Ion Ratio Lower Upper
138 100
92 9.0 54.1 94.1#
108 0.9 133.9 173.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG022573.D
Acq: 25 Jun 2016 14:07

Tgt Ion:188 Resp: 1055002
Ion Ratio Lower Upper
188 100
94 8.2 5.2 7.8#
80 8.8 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022573.D

Acq: 25 Jun 2016 14:07

Instrument :

BNA_G

ClientSampleId :

TEMW2-17

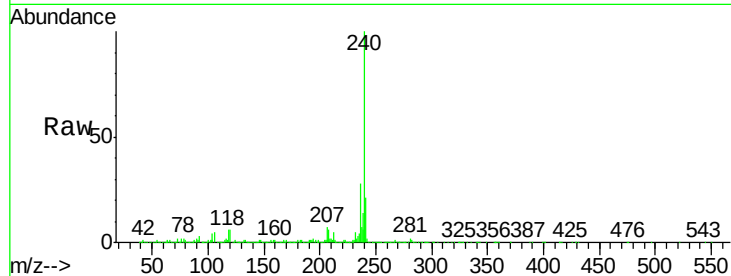
Tgt Ion:240 Resp: 1172380

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

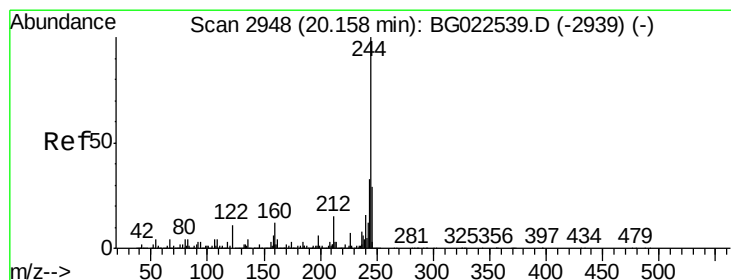
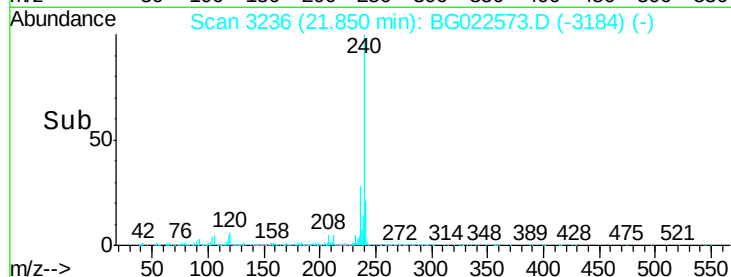
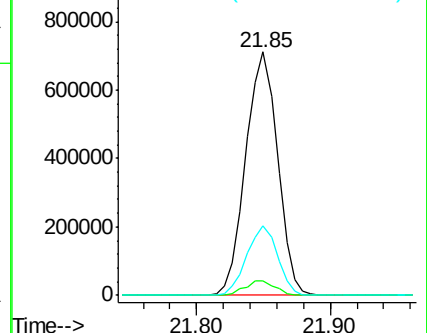
236 28.4 21.1 31.7



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: 76.54 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022573.D

Acq: 25 Jun 2016 14:07

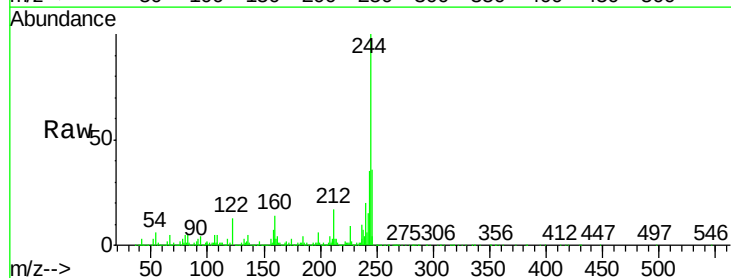
Tgt Ion:244 Resp: 3386782

Ion Ratio Lower Upper

244 100

212 16.6 10.8 16.2#

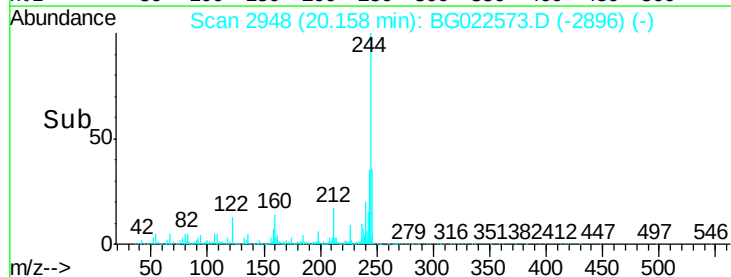
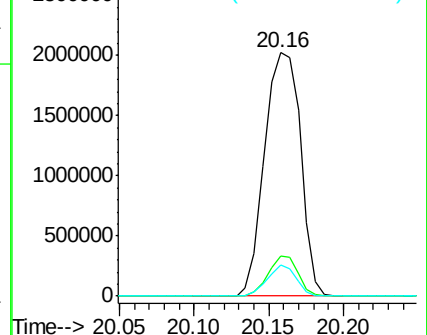
122 12.7 8.0 12.0#

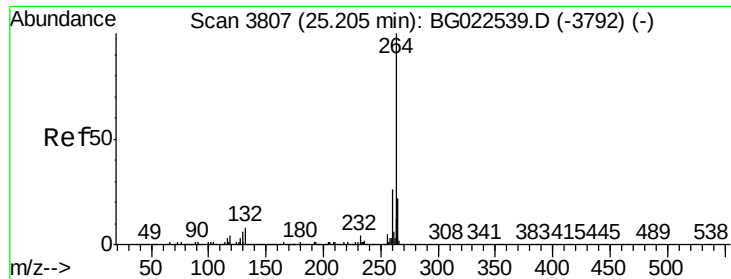


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3808
Delta R.T. 0.00 min
Lab File: BG022573.D
Acq: 25 Jun 2016 14:07

Instrument :
BNA_G
ClientSampleId :
TEMW2-17

Tgt Ion: 264 Resp: 1200054

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.4	27.6
265	22.9	18.9	28.3

