

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
 Data File : BG018639.D
 Acq On : 11 Sep 2015 14:58
 Operator : UM/IZ
 Sample : G3578-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WASTECLASS-COMP

Quant Time: Sep 11 15:40:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

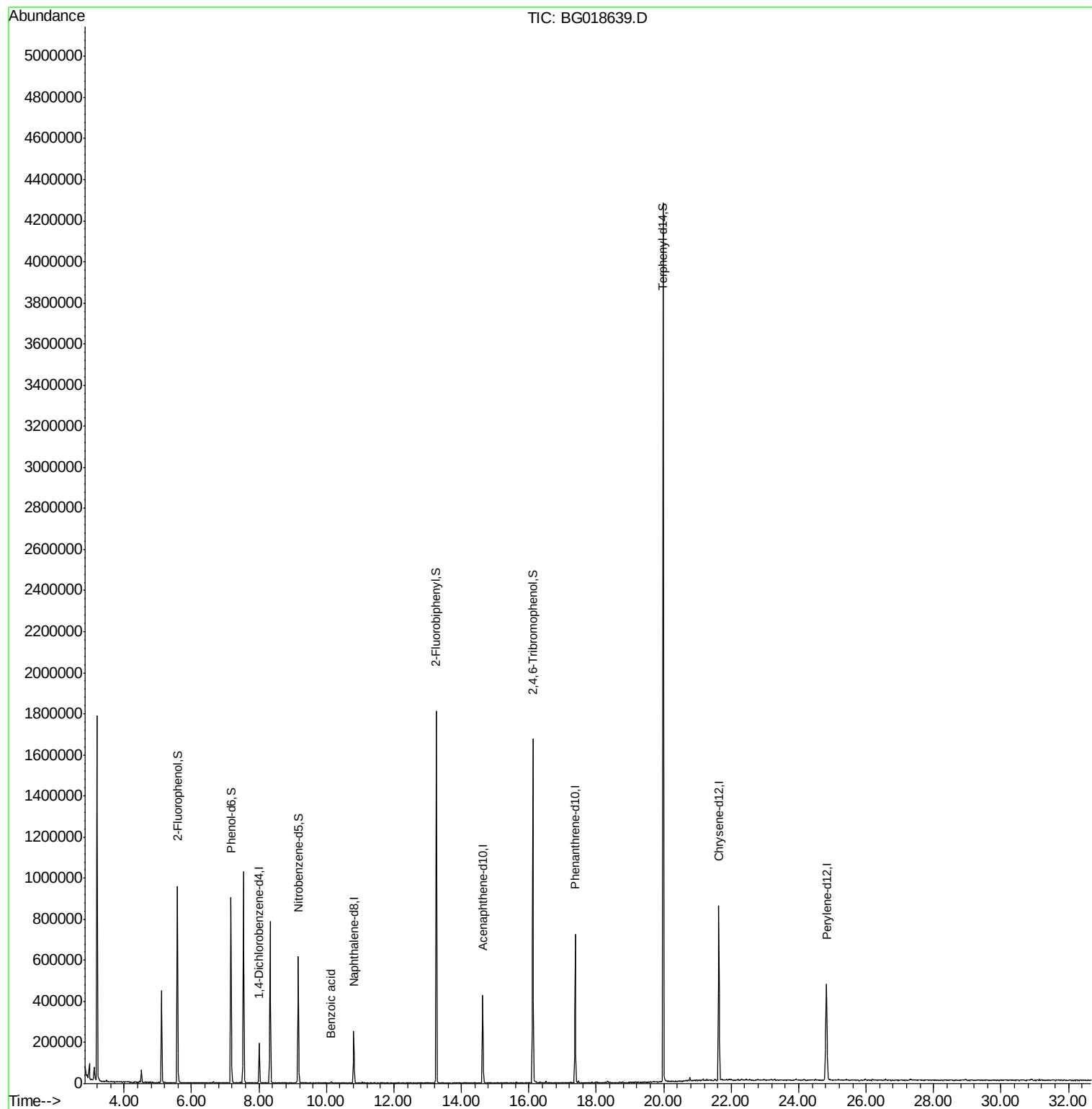
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	56252	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	218362	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	145619	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	433266	20.00	ng	0.00
75) Chrysene-d12	21.63	240	500892	20.00	ng	0.00
86) Perylene-d12	24.82	264	486676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	451744	138.73	ng	0.00
7) Phenol-d6	7.17	99	583781	125.03	ng	0.00
23) Nitrobenzene-d5	9.17	82	381562	97.78	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	320813	163.62	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	984770	93.88	ng	0.00
78) Terphenyl-d14	19.98	244	1786631	93.67	ng	0.00
Target Compounds						
32) Benzoic acid	10.12	122	53	7.95	ng	Qvalue # 1

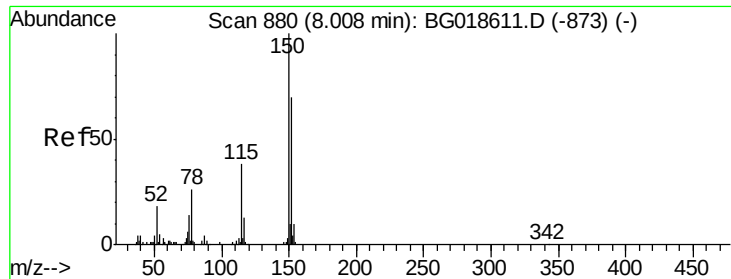
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.01 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG018639.D

Acq: 11 Sep 2015 14:58

Instrument :

BNA_G

ClientSampleId :

WASTECLASS-COMP

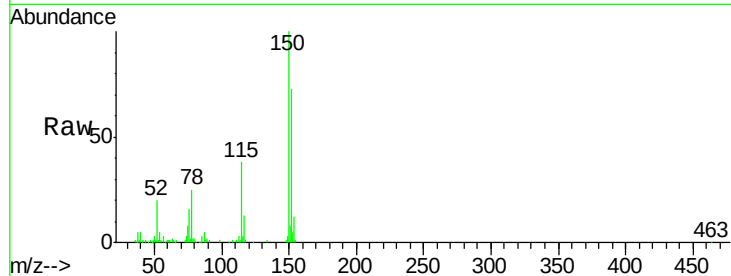
Tgt Ion:152 Resp: 56252

Ion Ratio Lower Upper

152 100

150 136.6 115.0 172.4

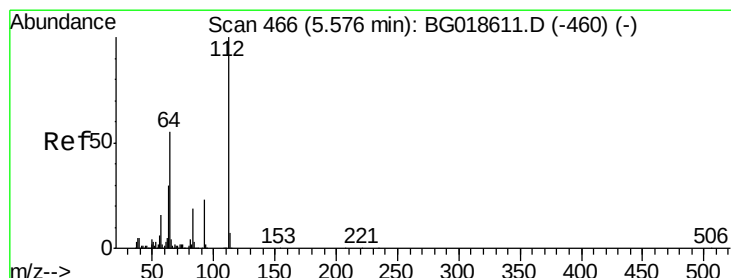
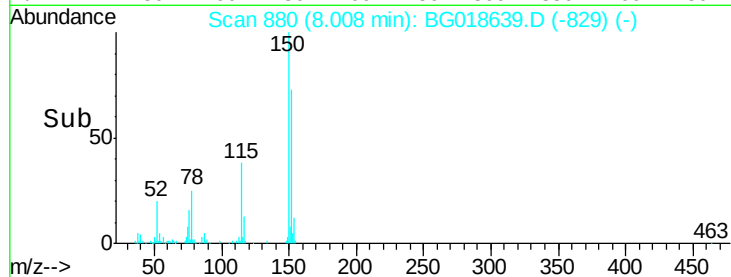
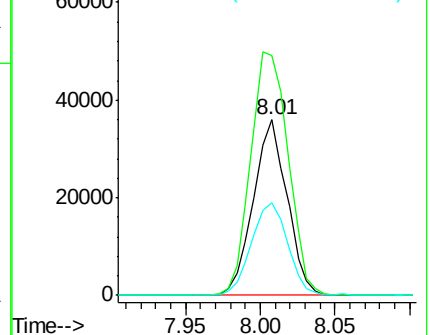
115 52.5 43.9 65.9



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: 138.73 ng

RT: 5.58 min Scan# 467

Delta R.T. 0.00 min

Lab File: BG018639.D

Acq: 11 Sep 2015 14:58

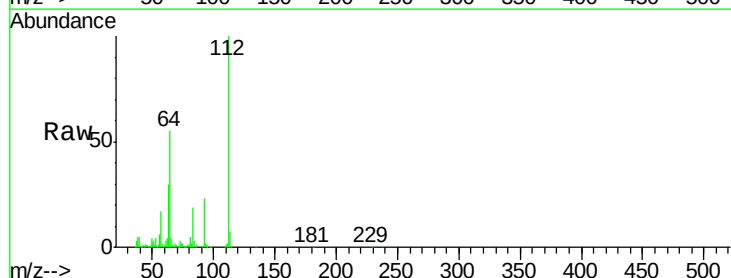
Tgt Ion:112 Resp: 451744

Ion Ratio Lower Upper

112 100

64 54.9 43.7 65.5

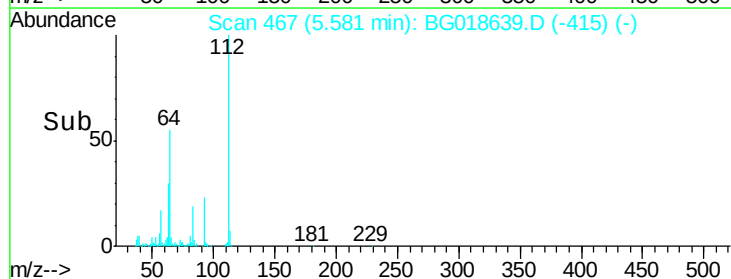
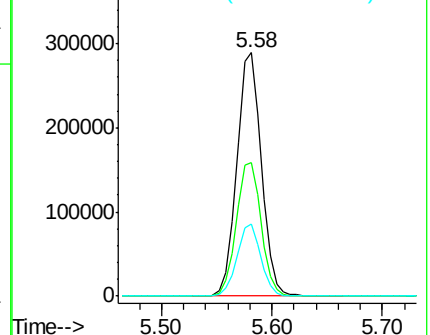
63 29.5 24.0 36.0

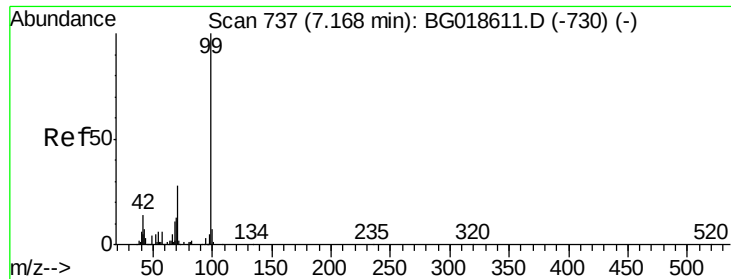


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.03 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG018639.D

Acq: 11 Sep 2015 14:58

Instrument :

BNA_G

ClientSampleId :

WASTECLASS-COMP

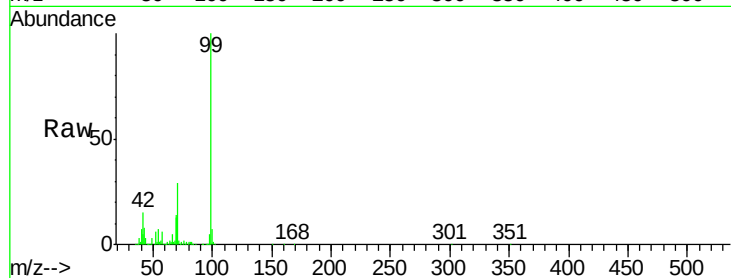
Tgt Ion: 99 Resp: 583781

Ion Ratio Lower Upper

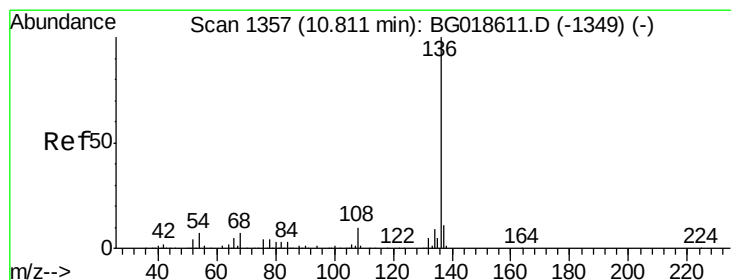
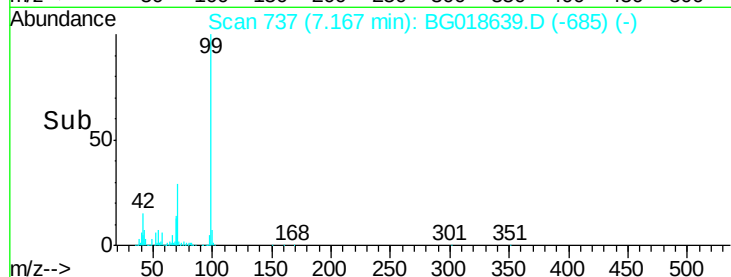
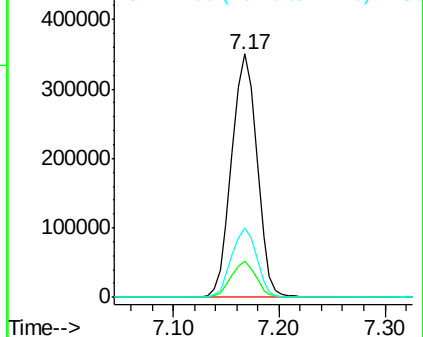
99 100

42 15.0 11.5 17.3

71 28.8 22.6 34.0



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: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018639.D

Acq: 11 Sep 2015 14:58

Tgt Ion: 136 Resp: 218362

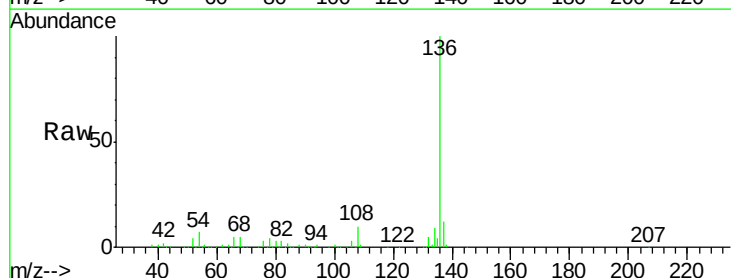
Ion Ratio Lower Upper

136 100

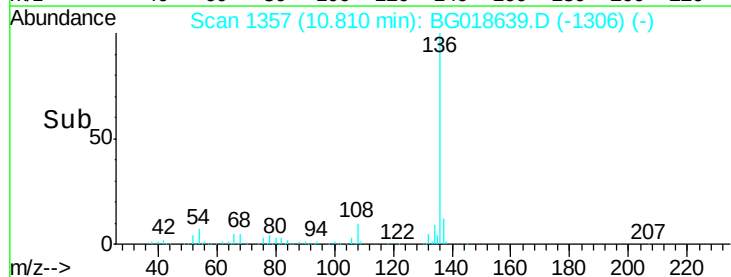
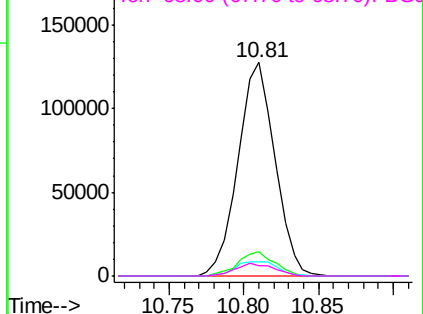
137 11.6 8.6 12.8

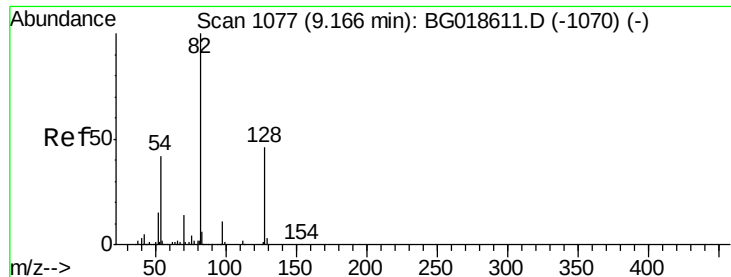
54 6.9 5.4 8.2

68 5.1 5.3 7.9#



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

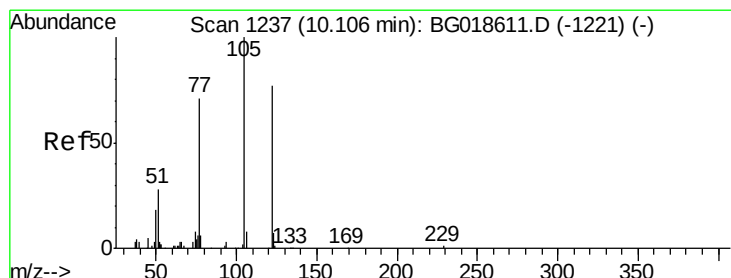
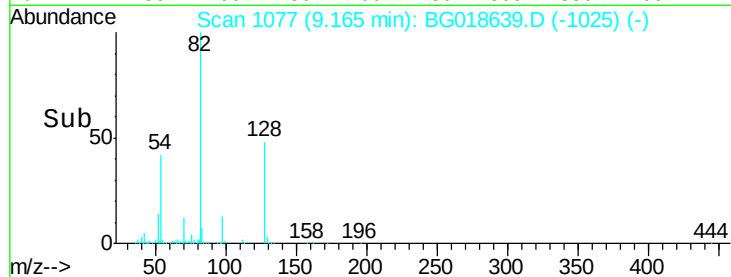
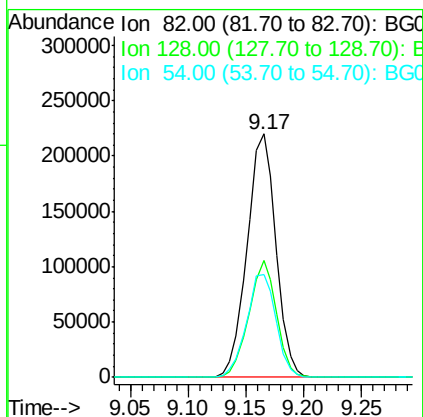
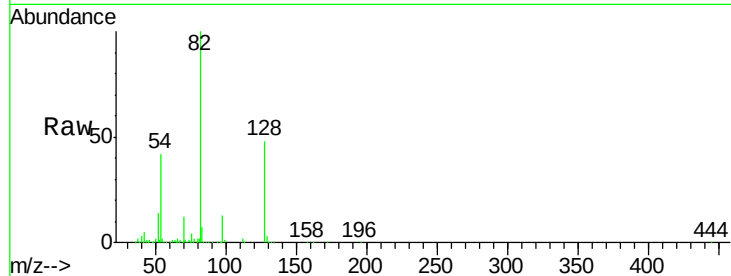




#23
 Nitrobenzene-d5
 Concen: 97.78 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BG018639.D
 Acq: 11 Sep 2015 14:58

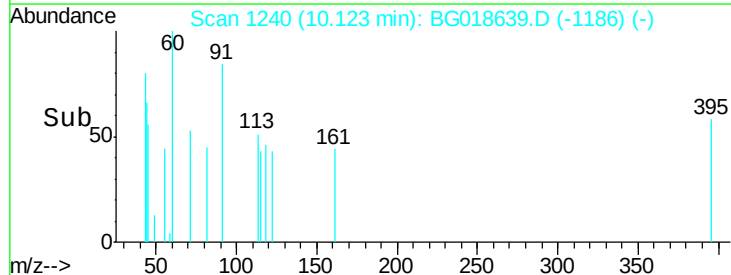
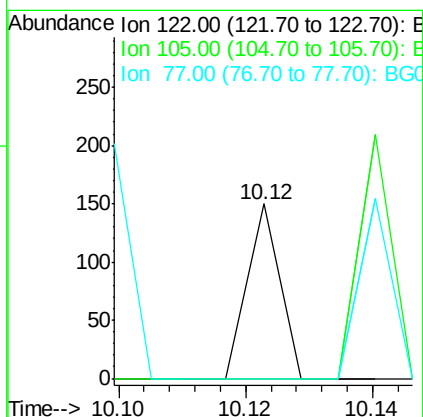
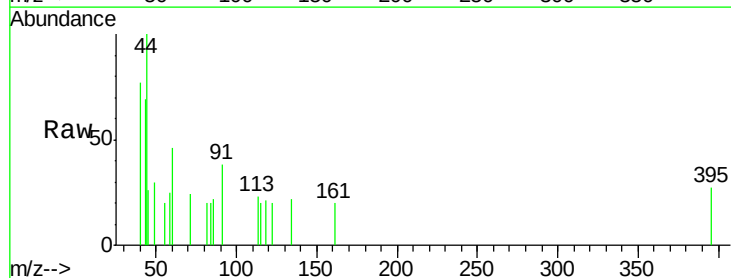
Instrument :
 BNA_G
 ClientSampleId :
 WASTECLASS-COMP

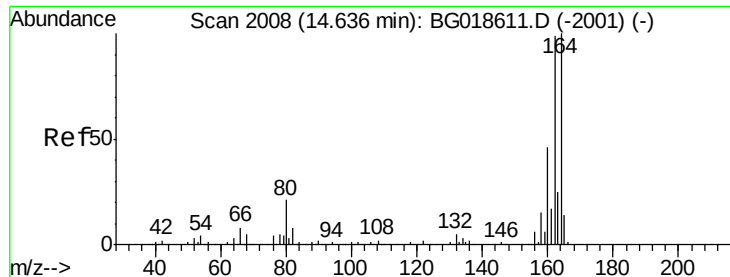
Tgt Ion: 82 Resp: 381562
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.7 55.1
 54 42.2 33.8 50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 10.12 min Scan# 1240
 Delta R.T. 0.02 min
 Lab File: BG018639.D
 Acq: 11 Sep 2015 14:58

Tgt Ion: 122 Resp: 53
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.8 143.8#
 77 0.0 68.8 108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG018639.D

Acq: 11 Sep 2015 14:58

Instrument :

BNA_G

ClientSampleId :

WASTECLASS-COMP

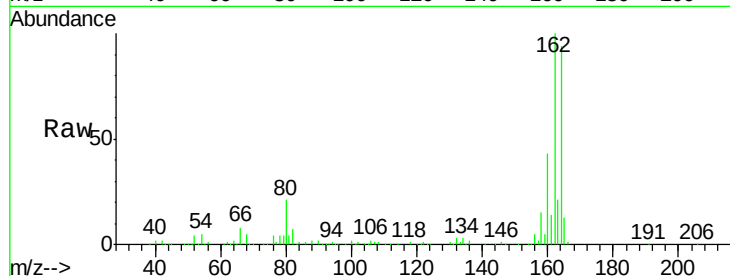
Tgt Ion:164 Resp: 145619

Ion Ratio Lower Upper

164 100

162 106.7 78.8 118.2

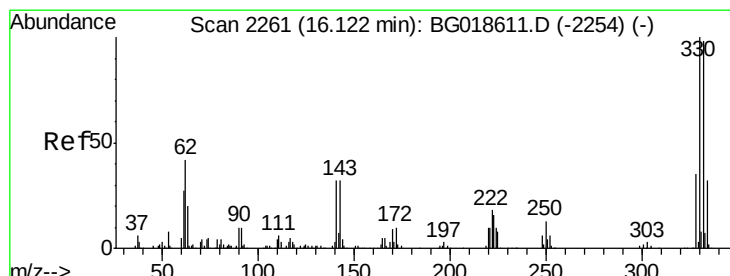
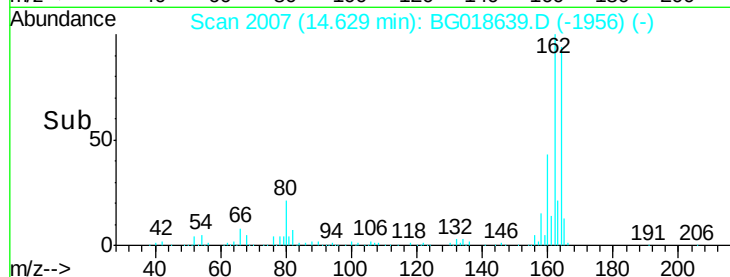
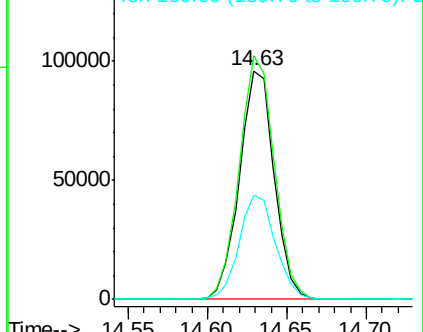
160 45.5 36.4 54.6



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: 163.62 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG018639.D

Acq: 11 Sep 2015 14:58

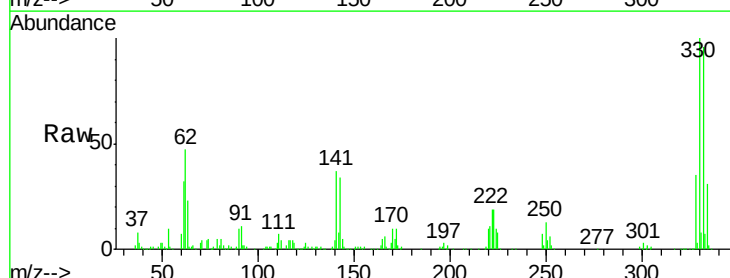
Tgt Ion:330 Resp: 320813

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

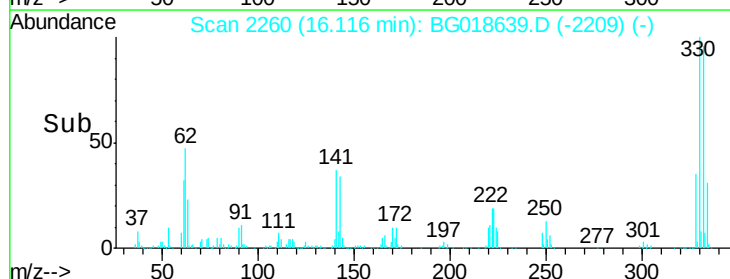
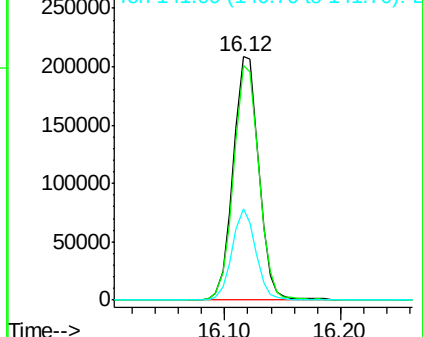
141 34.5 28.2 42.2

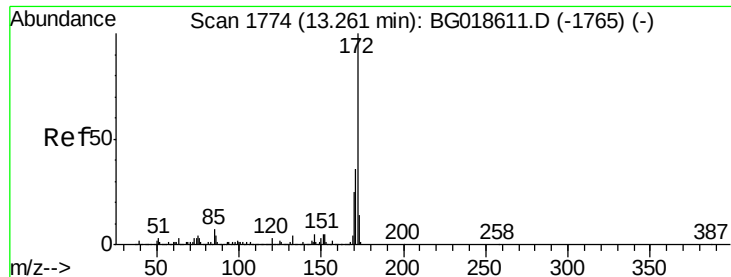


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

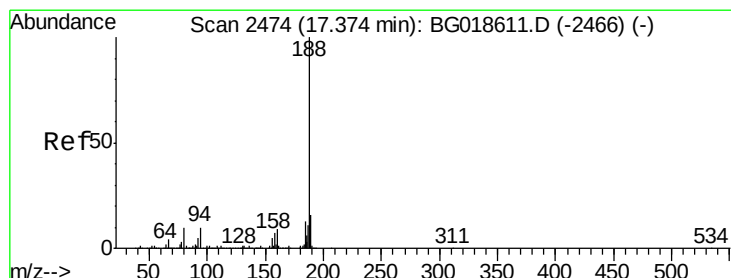
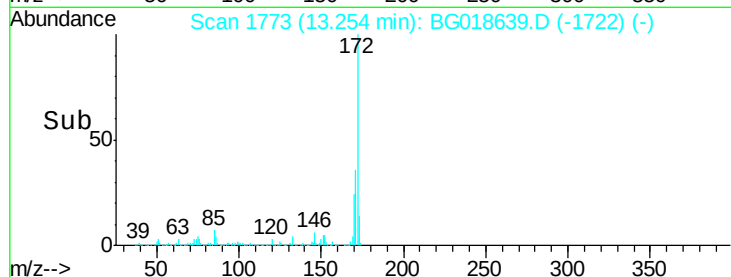
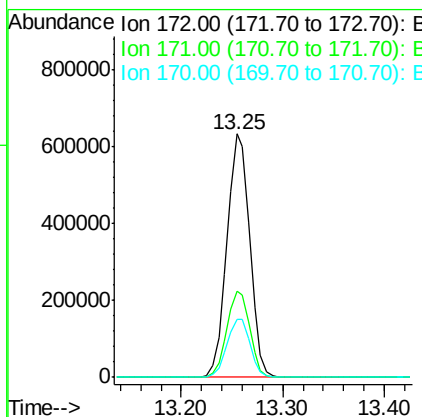
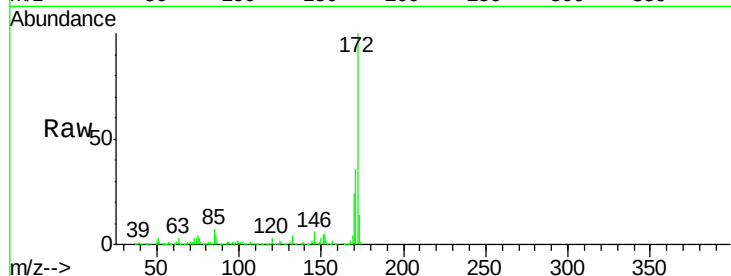




#44
2-Fluorobiphenyl
Concen: 93.88 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG018639.D
Acq: 11 Sep 2015 14:58

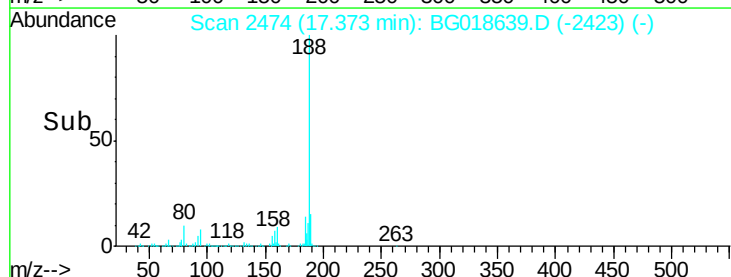
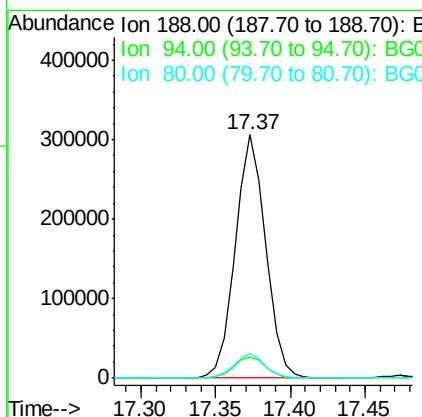
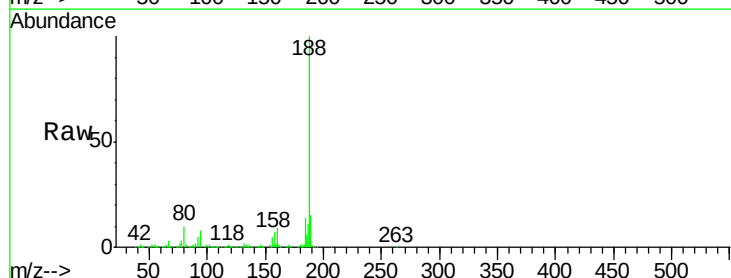
Instrument :
BNA_G
ClientSampleId :
WASTECLASS-COMP

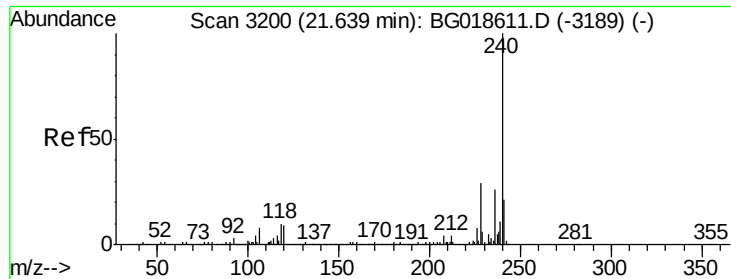
Tgt Ion:172 Resp: 984770
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 24.1 19.9 29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG018639.D
Acq: 11 Sep 2015 14:58

Tgt Ion:188 Resp: 433266
Ion Ratio Lower Upper
188 100
94 8.5 7.7 11.5
80 9.9 7.8 11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG018639.D

Acq: 11 Sep 2015 14:58

Instrument :

BNA_G

ClientSampleId :

WASTECLASS-COMP

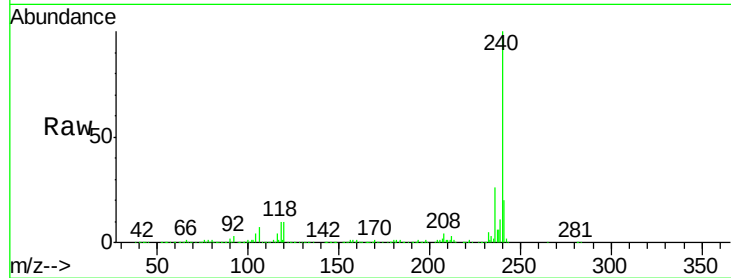
Tgt Ion:240 Resp: 500892

Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.0

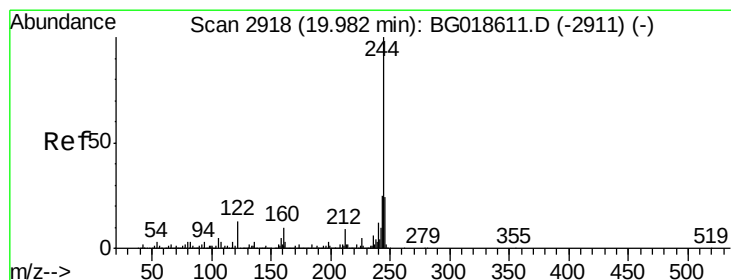
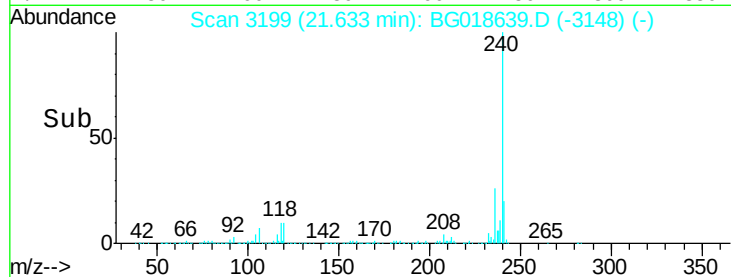
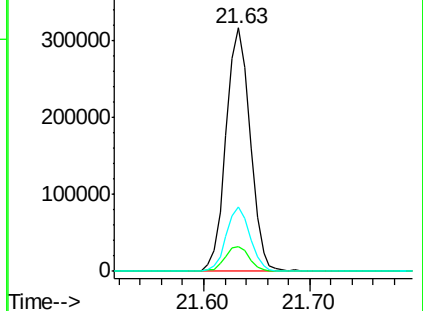
236 26.4 20.7 31.1



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: 93.67 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG018639.D

Acq: 11 Sep 2015 14:58

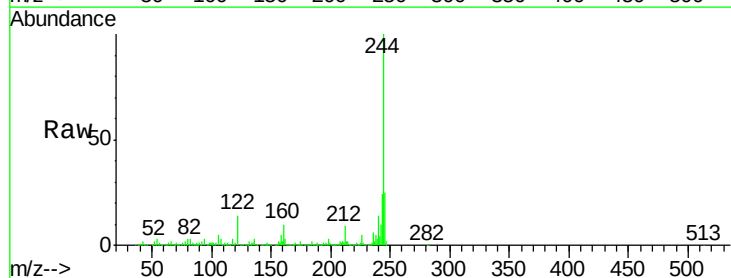
Tgt Ion:244 Resp: 1786631

Ion Ratio Lower Upper

244 100

212 9.4 6.9 10.3

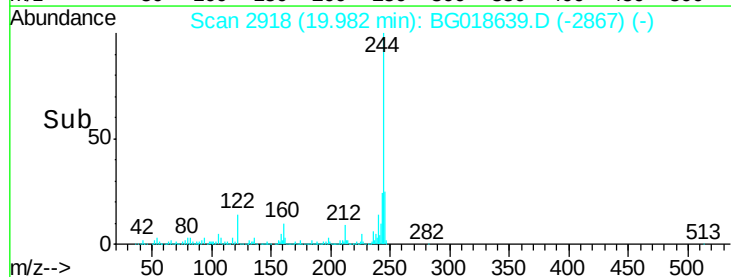
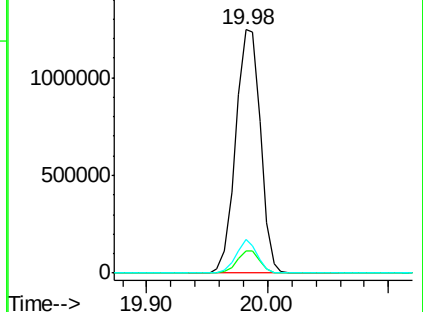
122 13.6 10.2 15.2

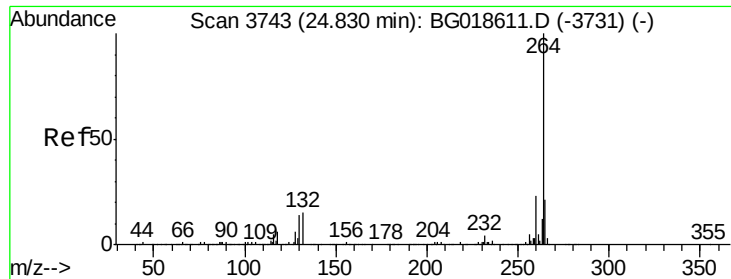


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.82 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BG018639.D
Acq: 11 Sep 2015 14:58

Instrument :
BNA_G
ClientSampleId :
WASTECLASS-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	22.0	17.2	25.8

