

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027681.D
 Acq On : 26 Jun 2017 19:10
 Operator : SJ/JU
 Sample : I3874-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TL-WTP-01

Quant Time: Jun 27 01:28:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

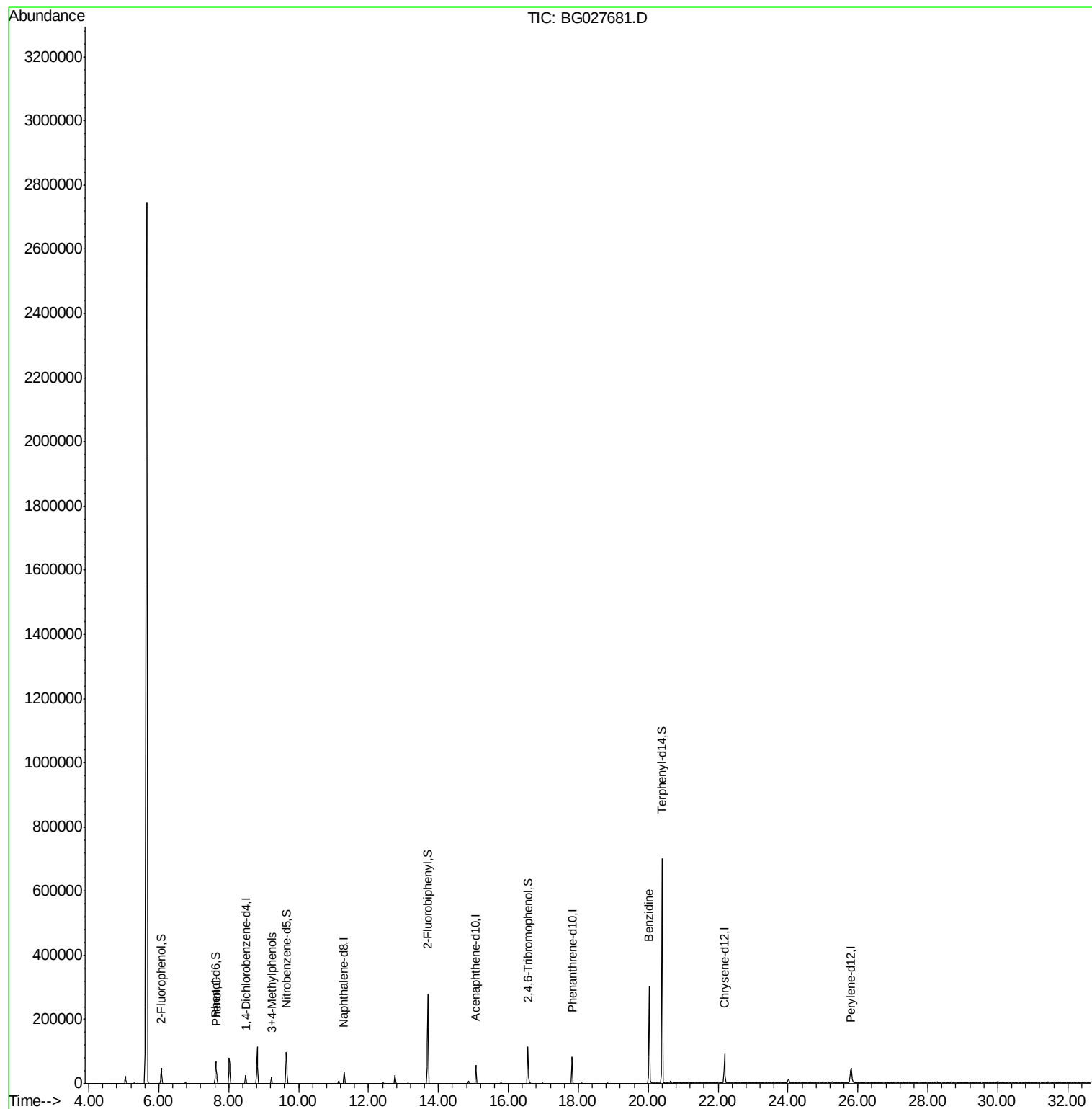
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	7498	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	31760	20.00	ng	-0.02
38) Acenaphthene-d10	15.08	164	18482	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	53706	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	60899	20.00	ng	-0.03
86) Perylene-d12	25.80	264	59191	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	20274	38.48	ng	0.00
7) Phenol-d6	7.63	99	37054	47.51	ng	-0.02
23) Nitrobenzene-d5	9.65	82	61685	91.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	25188	91.41	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	139084	102.80	ng	-0.02
78) Terphenyl-d14	20.40	244	301272	116.56	ng	-0.02
Target Compounds						
10) Phenol	7.65	94	14268	17.96	ng	96
20) 3+4-Methylphenols	9.22	107	9994	13.06	ng	82
76) Benzidine	20.02	184	170906	114.34	ng	97

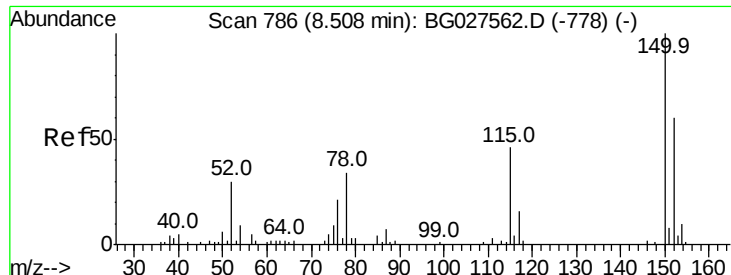
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
Data File : BG027681.D
Acq On : 26 Jun 2017 19:10
Operator : SJ/JU
Sample : I3874-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Quant Time: Jun 27 01:28:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration



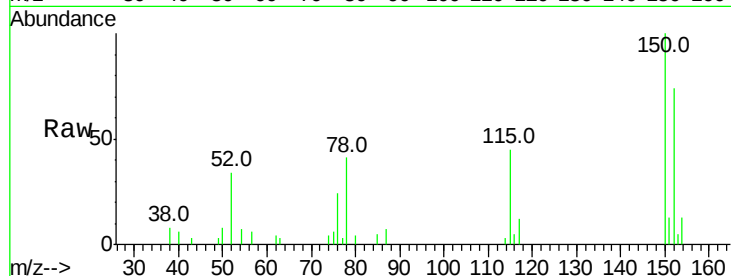


#1

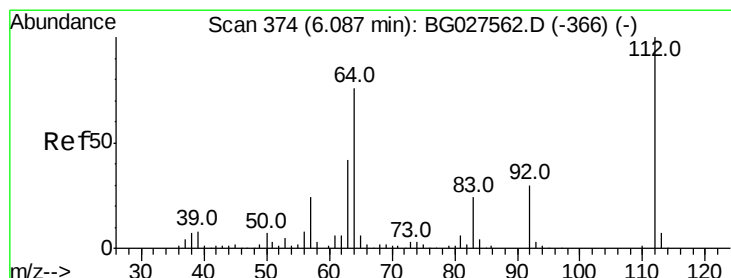
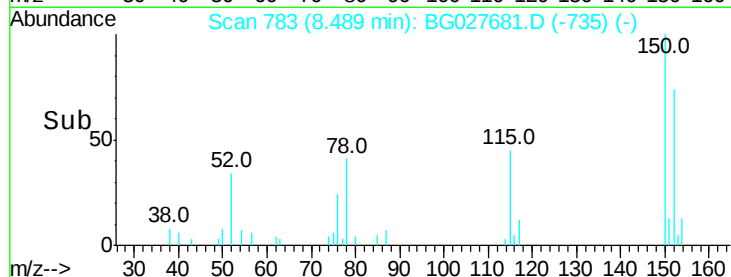
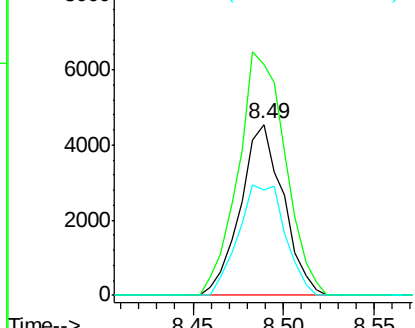
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Tot Ion:152 Resp: 7498
Ion Ratio Lower Upper
152 100
150 135.1 114.0 171.0
115 61.5 48.1 72.1



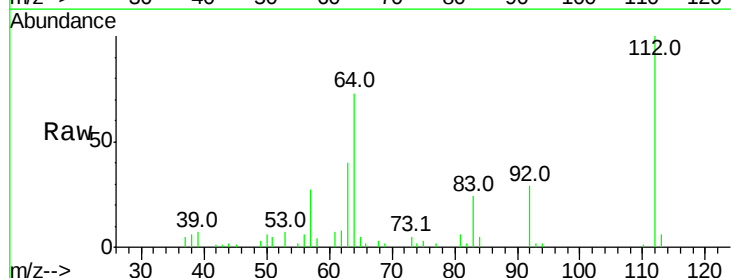
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



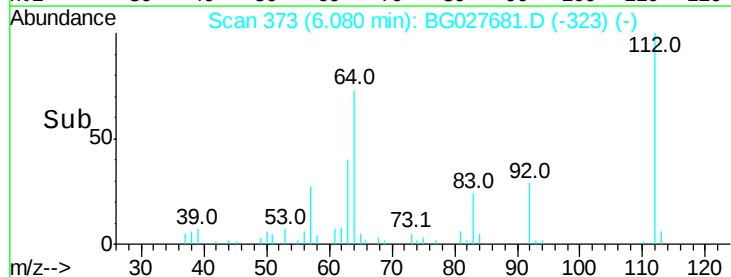
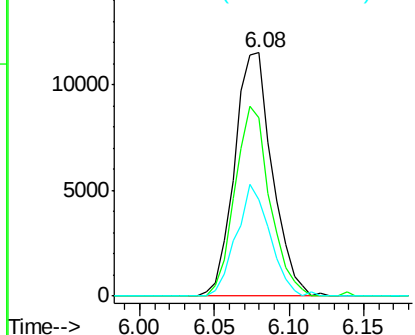
#5

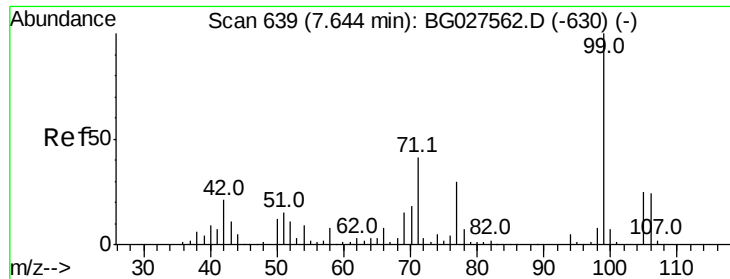
2-Fluorophenol
Concen: 38.48 ng
RT: 6.08 min Scan# 373
Delta R.T. -0.01 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Tgt Ion:112 Resp: 20274
Ion Ratio Lower Upper
112 100
64 73.5 61.8 92.6
63 39.6 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: 47.51 ng

RT: 7.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BG027681.D

Acq: 26 Jun 2017 19:10

Instrument :

BNA_G

ClientSampled :

TL-WTP-01

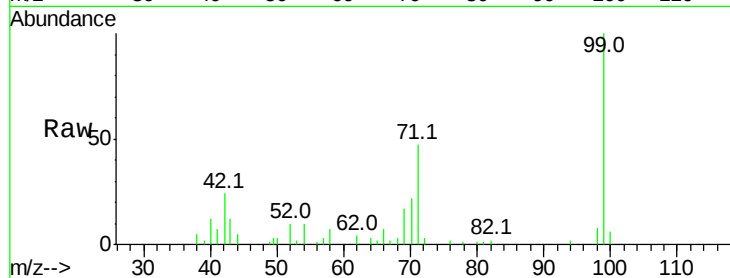
Tot Ion: 99 Resp: 37054

Ion Ratio Lower Upper

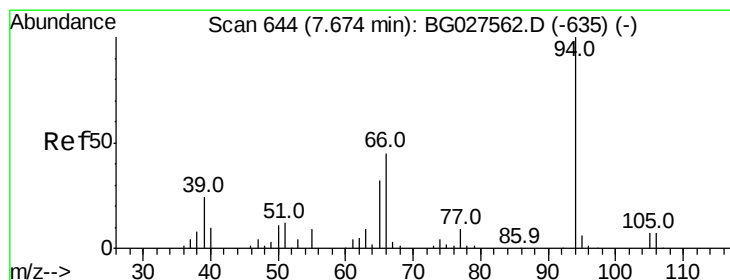
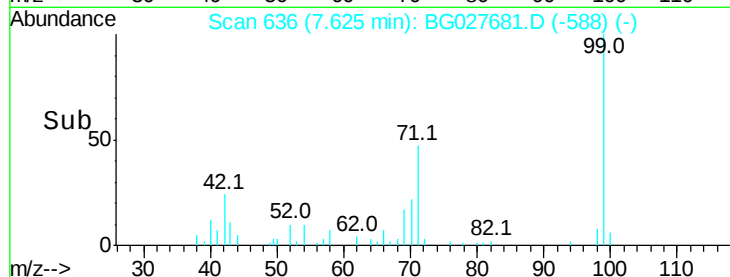
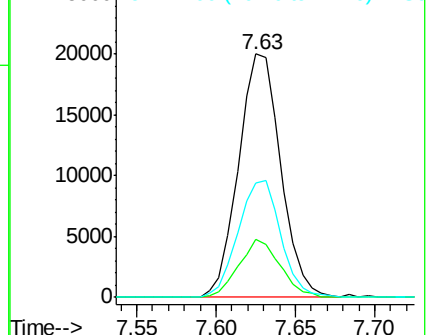
99 100

42 23.9 20.5 30.7

71 46.8 37.6 56.4



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



#10

Phenol

Concen: 17.96 ng

RT: 7.65 min Scan# 641

Delta R.T. -0.02 min

Lab File: BG027681.D

Acq: 26 Jun 2017 19:10

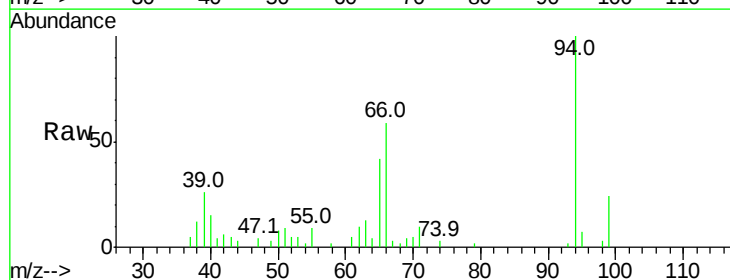
Tgt Ion: 94 Resp: 14268

Ion Ratio Lower Upper

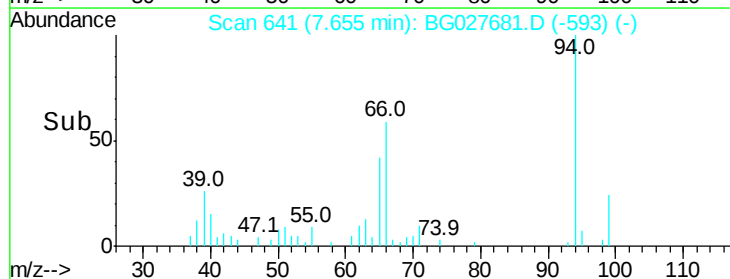
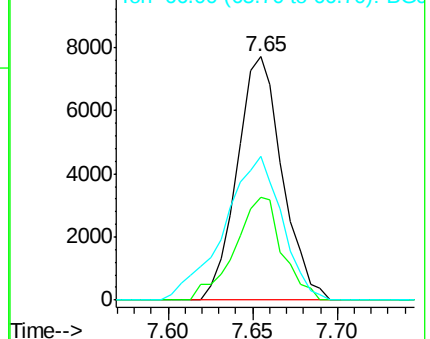
94 100

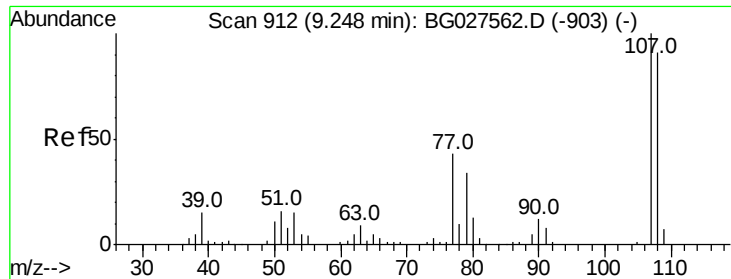
65 42.1 20.6 60.6

66 58.8 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

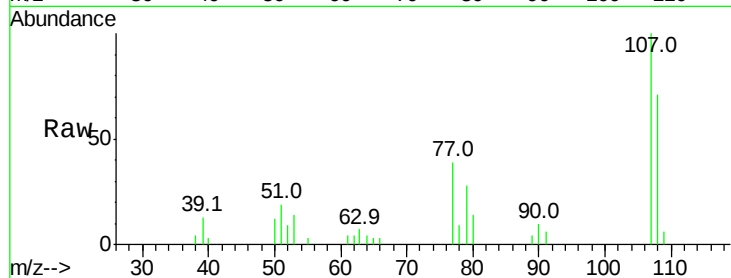




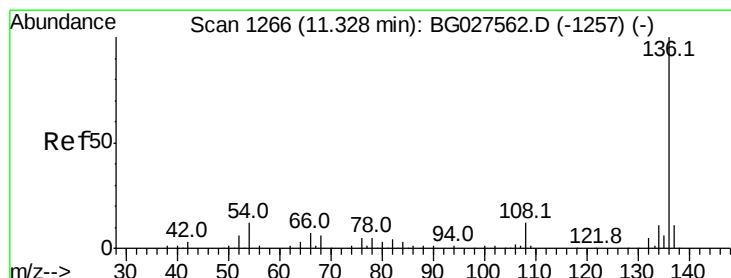
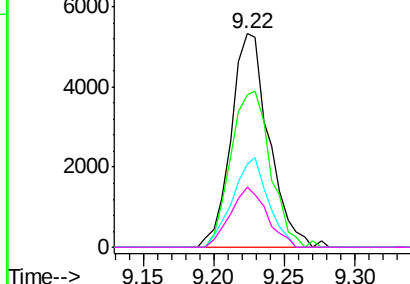
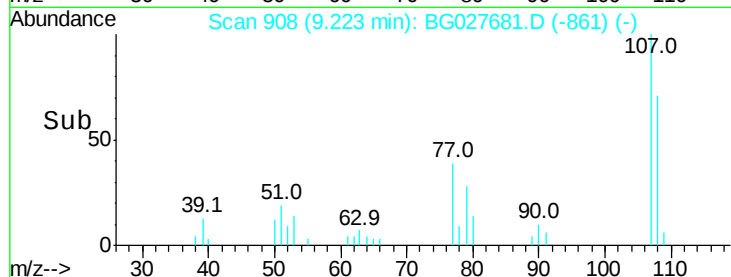
#20
3+4-Methylphenols
Concen: 13.06 ng
RT: 9.22 min Scan# 908
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Tot Ion:107 Resp: 9994
Ion Ratio Lower Upper
107 100
108 71.4 70.8 110.8
77 39.0 25.8 65.8
79 27.9 20.1 60.1

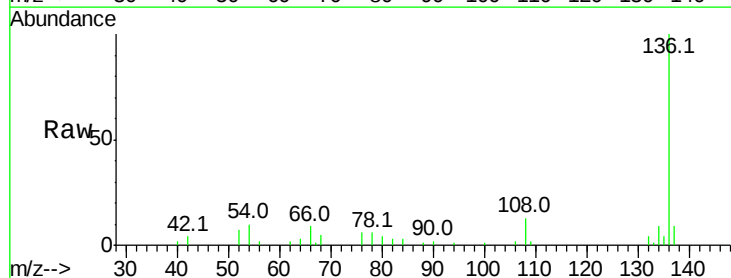


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

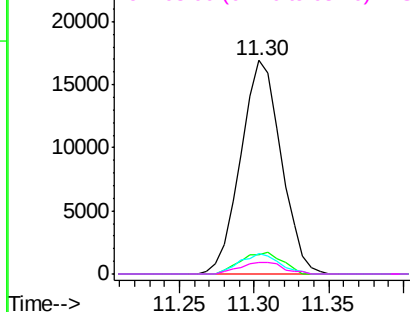
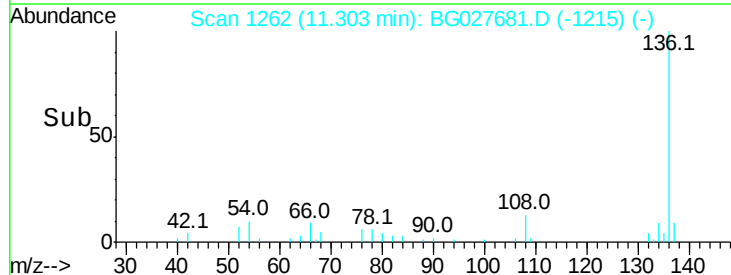


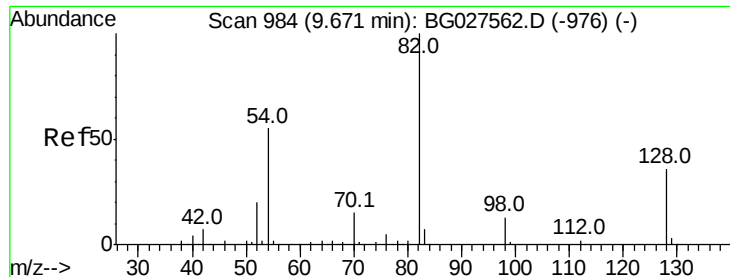
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Tgt Ion:136 Resp: 31760
Ion Ratio Lower Upper
136 100
137 8.8 8.9 13.3#
54 9.6 9.3 13.9
68 5.3 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

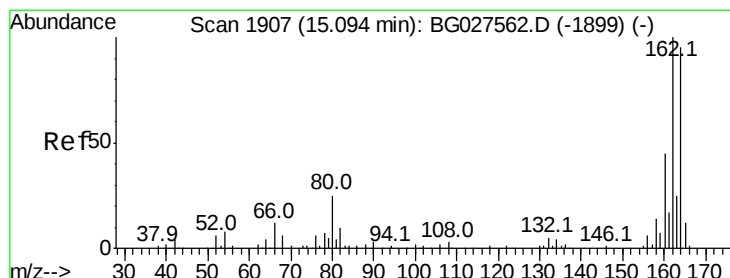
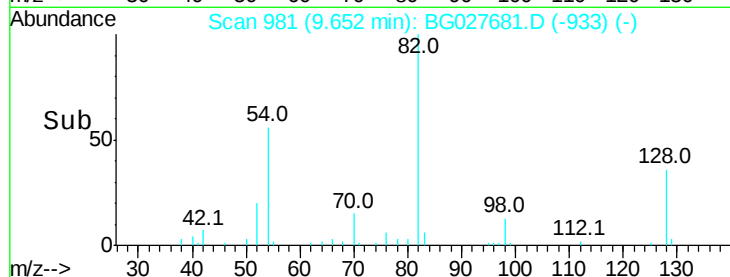
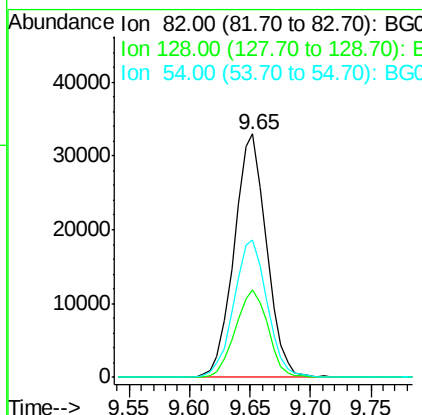
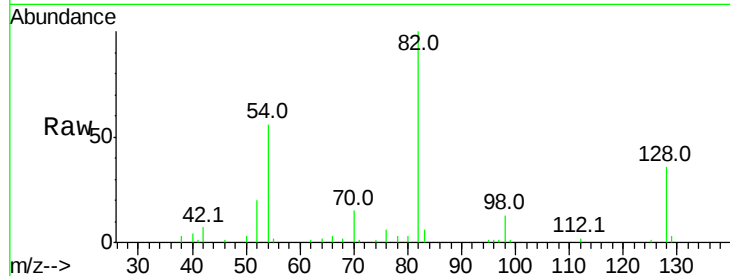




#23
Nitrobenzene-d5
Concen: 91.90 ng
RT: 9.65 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

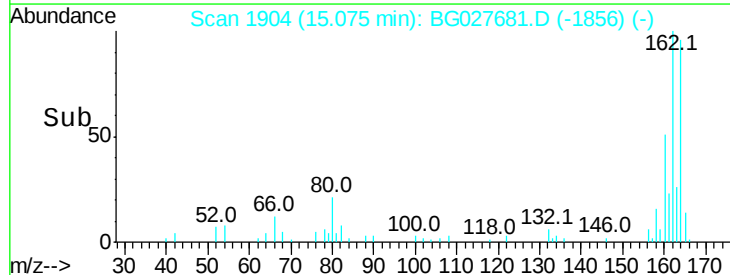
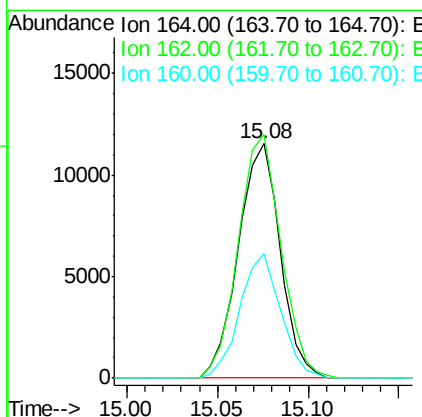
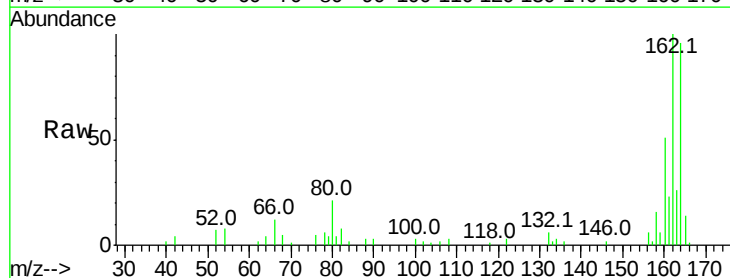
Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

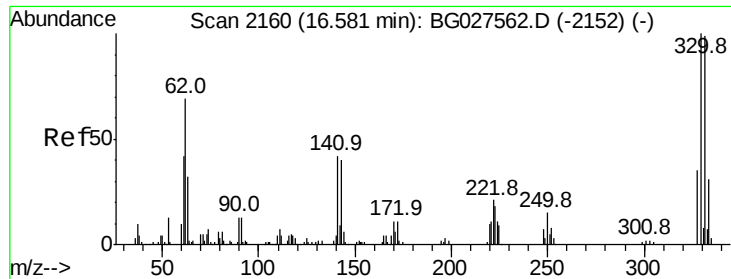
Tot Ion	82	Resp	61685
Ion Ratio	Lower	Upper	
82	100		
128	35.7	26.4	39.6
54	56.3	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.08 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Tgt Ion	164	Resp	18482
Ion Ratio	Lower	Upper	
164	100		
162	104.0	85.1	127.7
160	53.2	34.7	52.1#





#41

2,4,6-Tribromophenol

Concen: 91.41 ng

RT: 16.56 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG027681.D

Acq: 26 Jun 2017 19:10

Instrument :

BNA_G

ClientSampleId :

TL-WTP-01

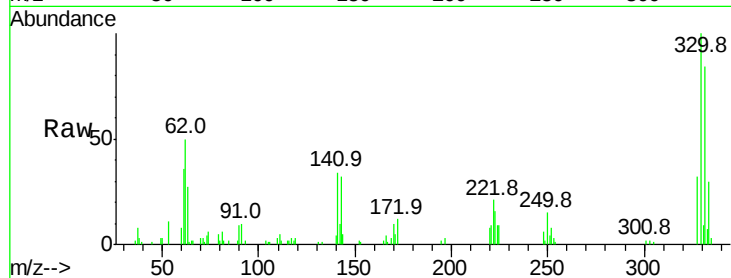
Tot Ion:330 Resp: 25188

Ion Ratio Lower Upper

330 100

332 89.8 77.3 115.9

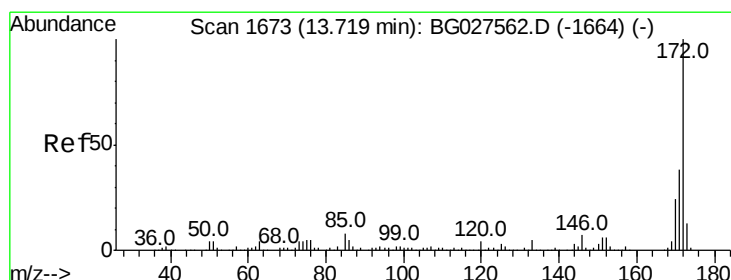
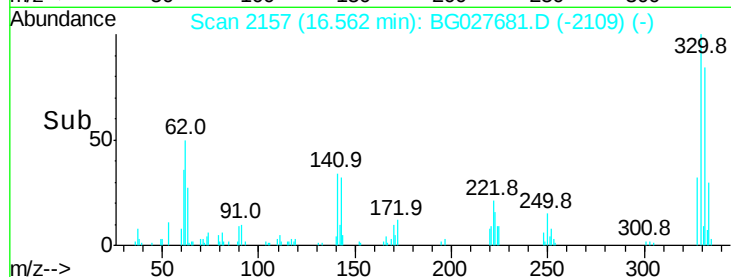
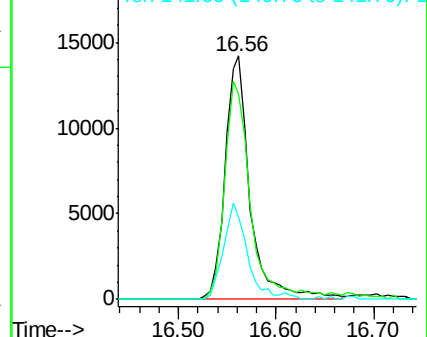
141 36.7 32.1 48.1



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: 102.80 ng

RT: 13.69 min Scan# 1669

Delta R.T. -0.02 min

Lab File: BG027681.D

Acq: 26 Jun 2017 19:10

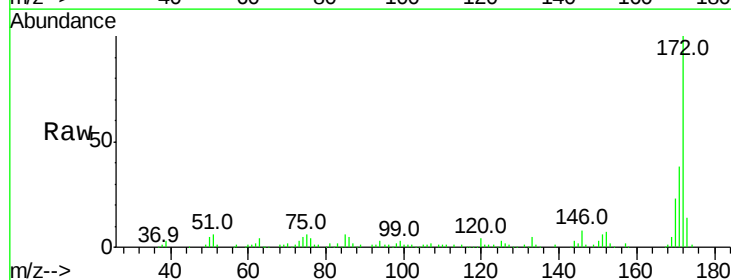
Tgt Ion:172 Resp: 139084

Ion Ratio Lower Upper

172 100

171 38.2 32.2 48.2

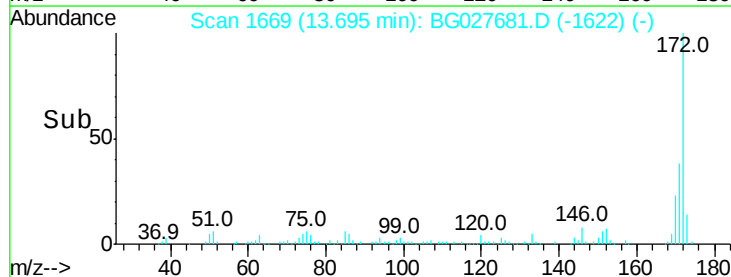
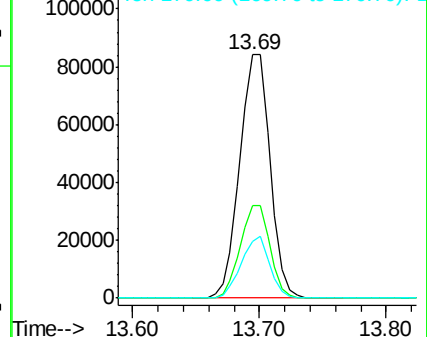
170 23.3 21.8 32.6

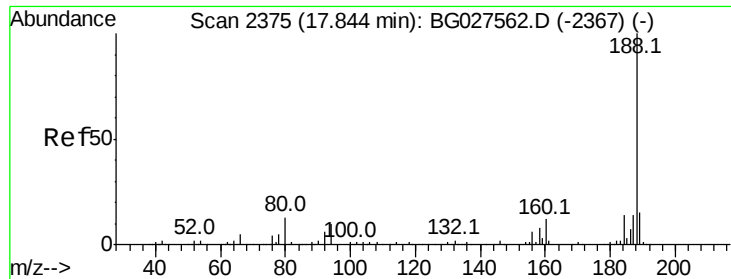


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

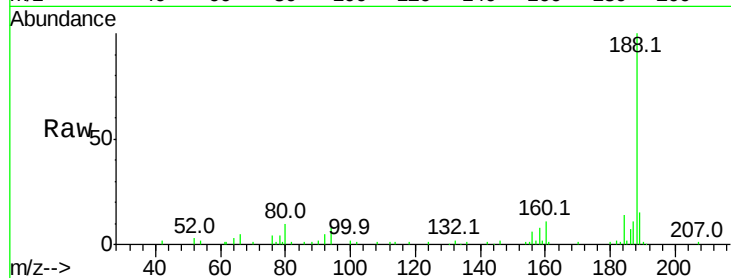




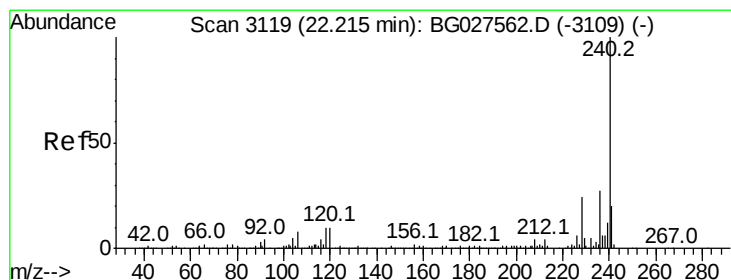
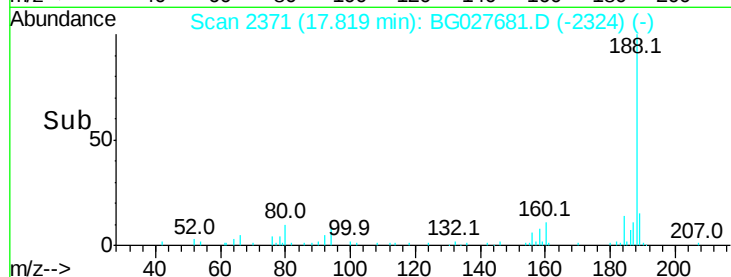
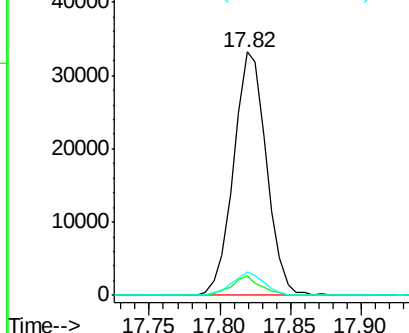
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Tot Ion:188 Resp: 53706
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.8
80 9.6 7.5 11.3

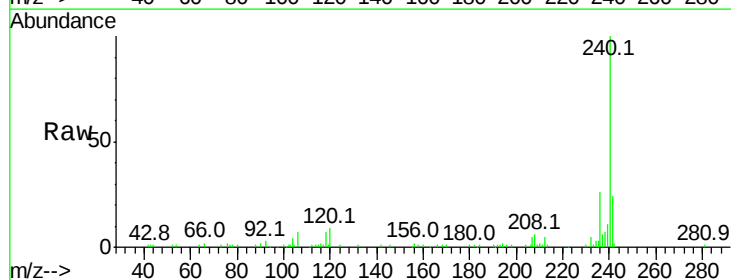


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

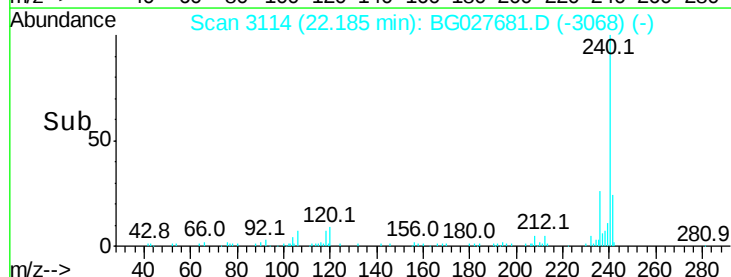
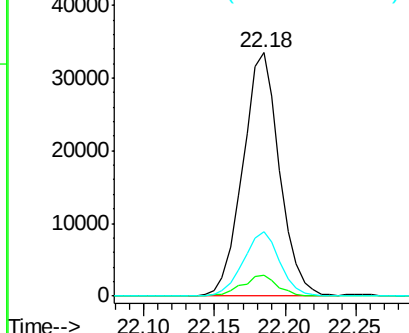


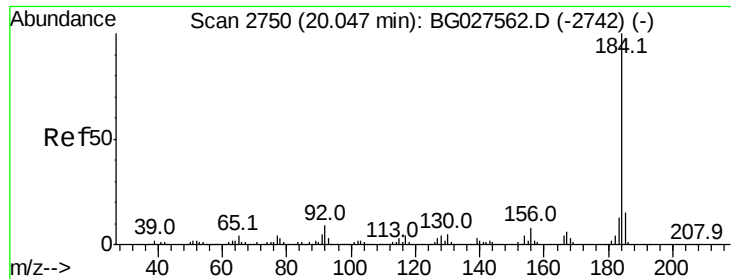
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3114
Delta R.T. -0.03 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Tgt Ion:240 Resp: 60899
Ion Ratio Lower Upper
240 100
120 8.5 5.7 8.5
236 26.2 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

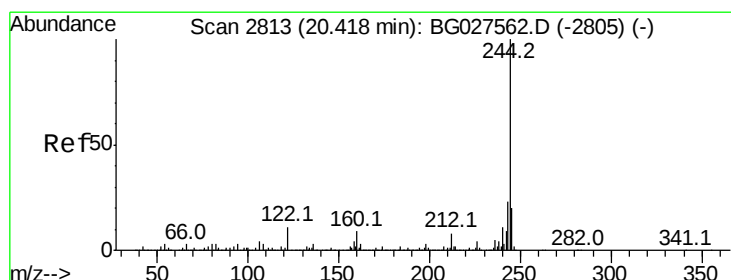
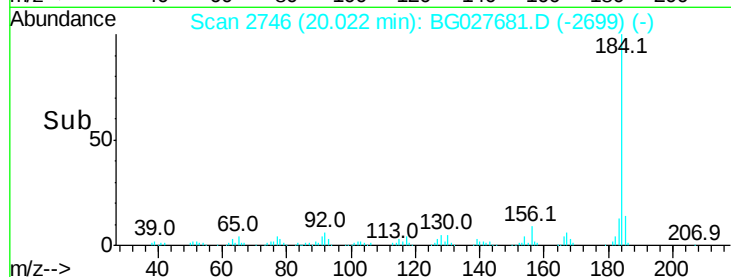
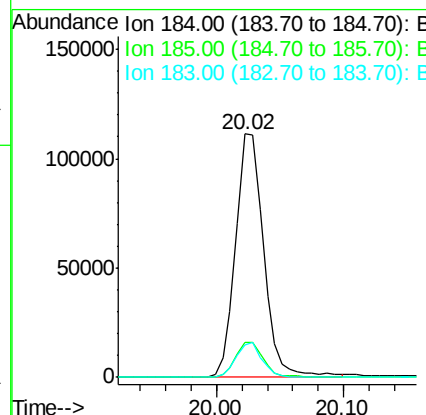
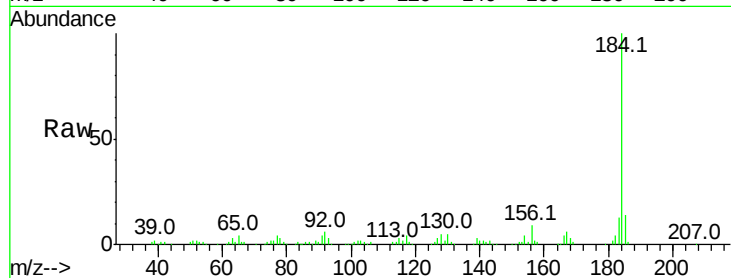




#76
Benzidine
Concen: 114.34 ng
RT: 20.02 min Scan# 2746
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

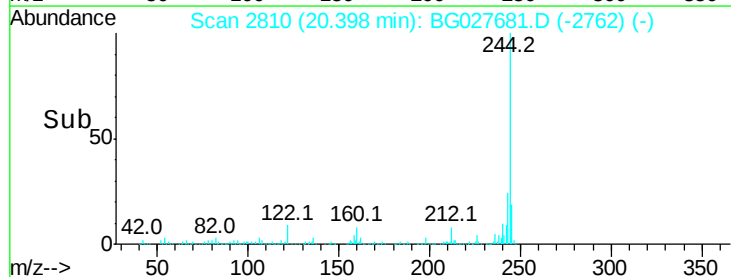
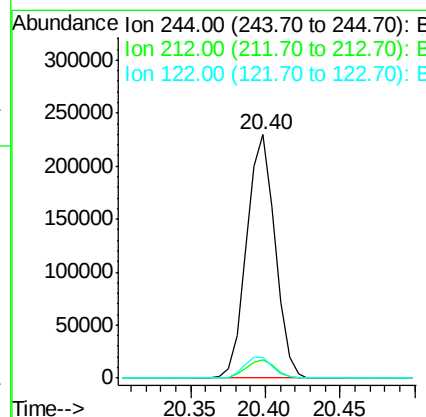
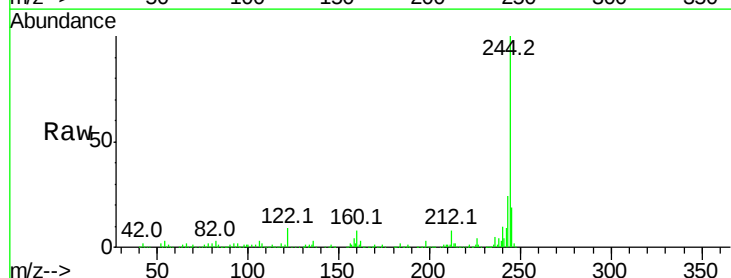
Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

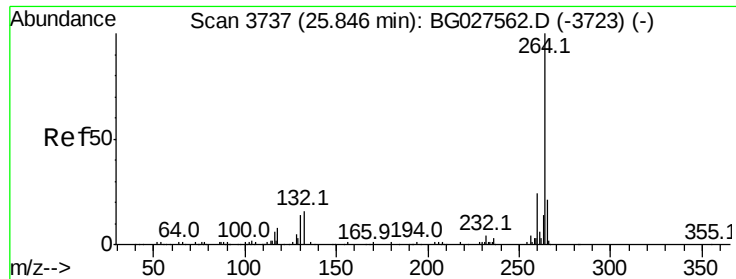
Tot Ion:184 Resp: 170906
Ion Ratio Lower Upper
184 100
185 14.2 13.0 19.6
183 13.3 11.0 16.6



#78
Terphenyl-d14
Concen: 116.56 ng
RT: 20.40 min Scan# 2810
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Tgt Ion:244 Resp: 301272
Ion Ratio Lower Upper
244 100
212 7.6 10.0 15.0#
122 8.5 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.80 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.0	18.2	27.4

