

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019909.D
 Acq On : 4 Dec 2015 17:44
 Operator : UM/NP
 Sample : G4642-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-03

Quant Time: Dec 04 23:12:53 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

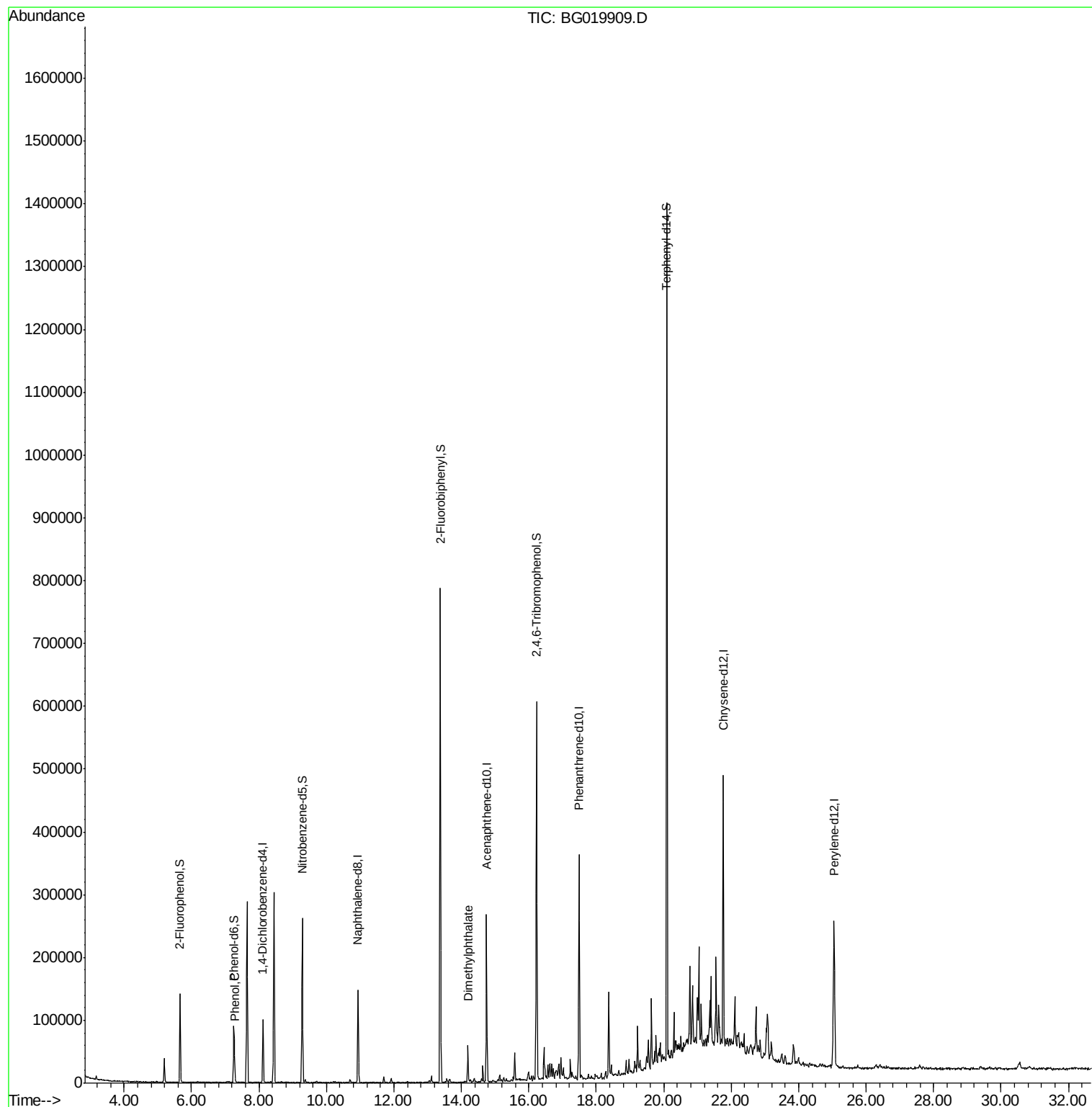
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27189	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	119885	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	88870	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	220152	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	260800	20.00	ng	-0.03
86) Perylene-d12	25.05	264	253829	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	58101	38.62	ng	-0.01
7) Phenol-d6	7.26	99	50937	22.43	ng	-0.01
23) Nitrobenzene-d5	9.28	82	159492	67.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	104723	77.01	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	393659	60.48	ng	-0.02
78) Terphenyl-d14	20.09	244	604583	56.54	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	6109	2.56	ng	Qvalue 78
49) Dimethylphthalate	14.19	163	36255	4.54	ng	# 98

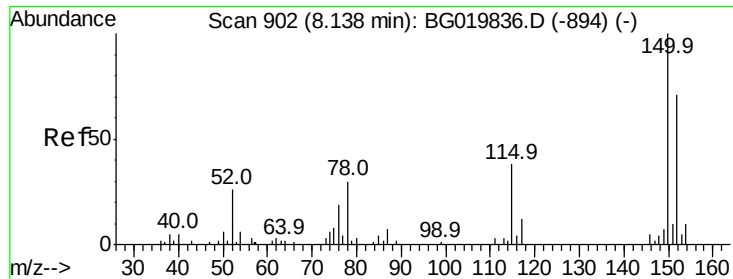
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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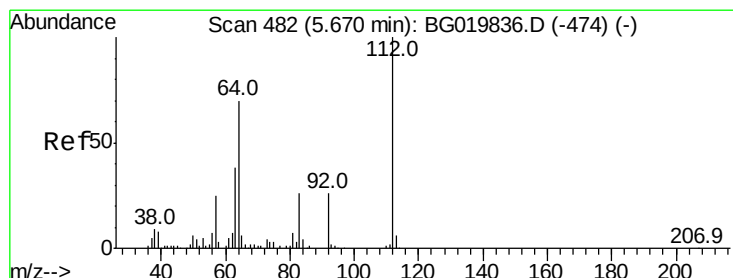
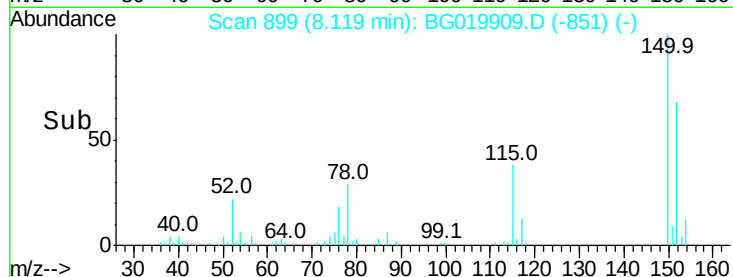
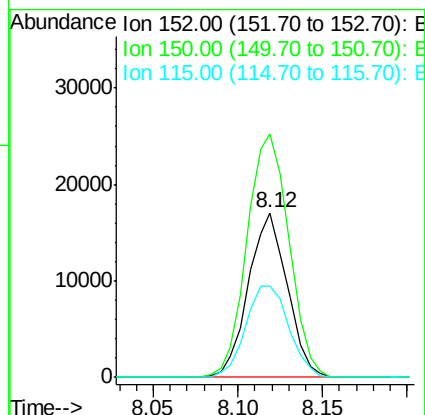
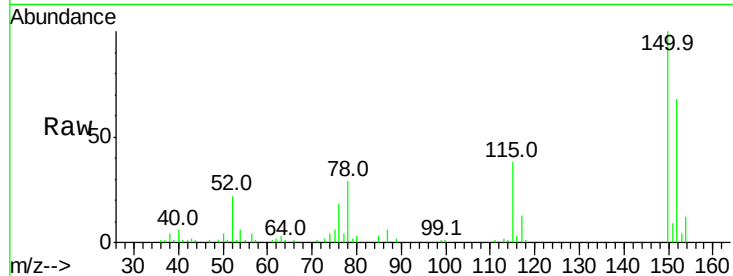


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019909.D
Acq: 4 Dec 2015 17:44

Instrument :
BNA_G
ClientSampleId :
TW-03

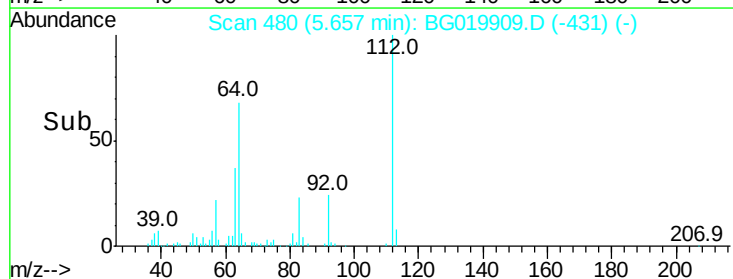
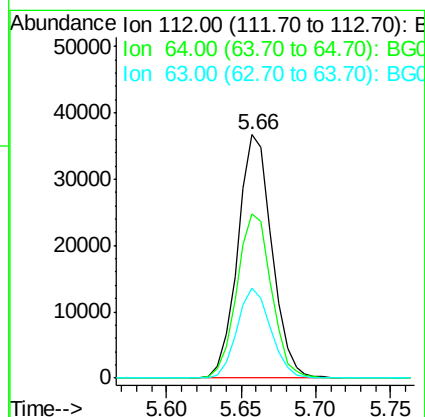
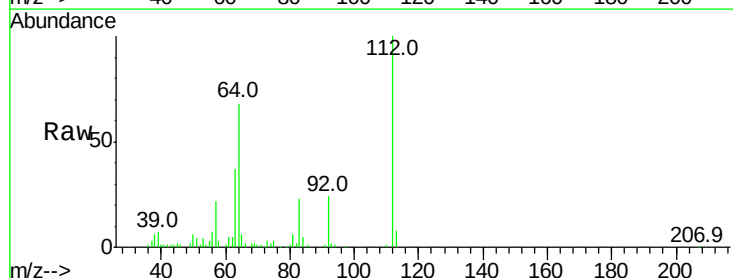
Tot Ion:152 Resp: 27189
Ion Ratio Lower Upper
152 100
150 148.0 115.0 172.4
115 55.8 43.9 65.9

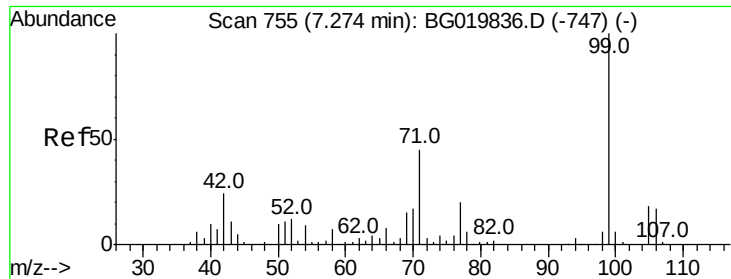


#5

2-Fluorophenol
Concen: 38.62 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019909.D
Acq: 4 Dec 2015 17:44

Tgt Ion:112 Resp: 58101
Ion Ratio Lower Upper
112 100
64 67.7 43.7 65.5#
63 37.2 24.0 36.0#





#7

Phenol-d6

Concen: 22.43 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019909.D

Acq: 4 Dec 2015 17:44

Instrument :

BNA_G

ClientSampleId :

TW-03

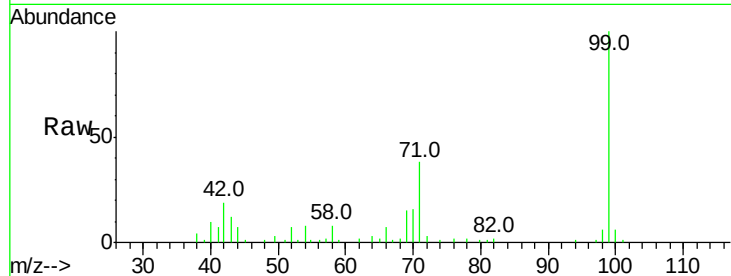
Tot Ion: 99 Resp: 50937

Ion Ratio Lower Upper

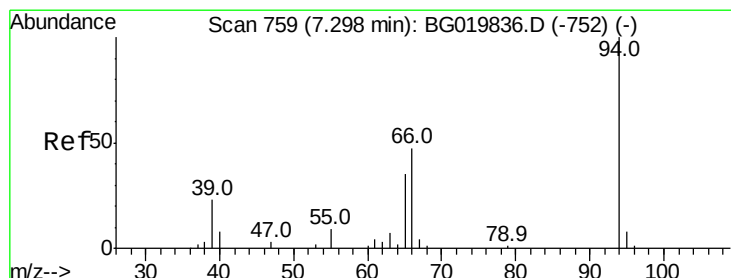
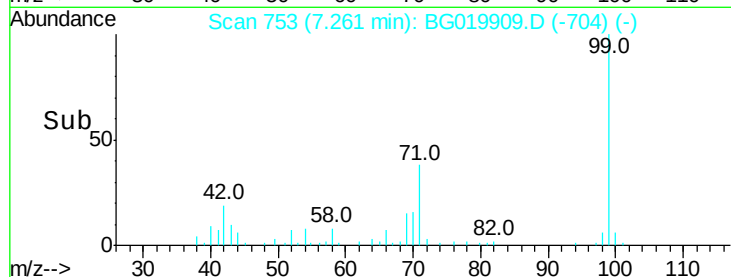
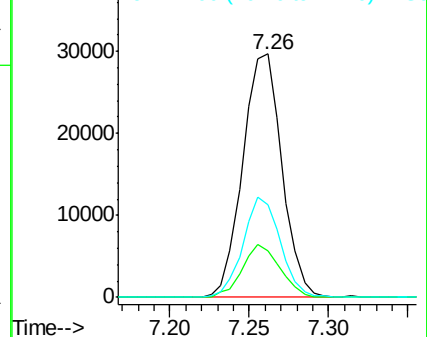
99 100

42 19.0 11.5 17.3#

71 38.2 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



#10

Phenol

Concen: 2.56 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG019909.D

Acq: 4 Dec 2015 17:44

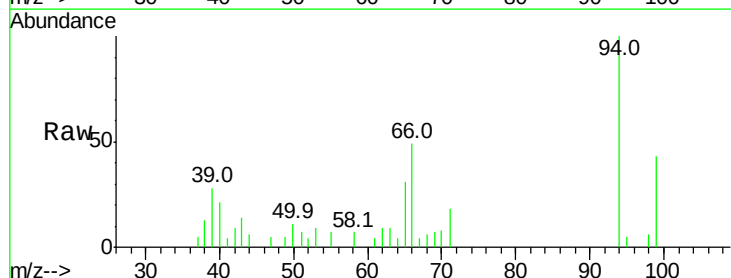
Tgt Ion: 94 Resp: 6109

Ion Ratio Lower Upper

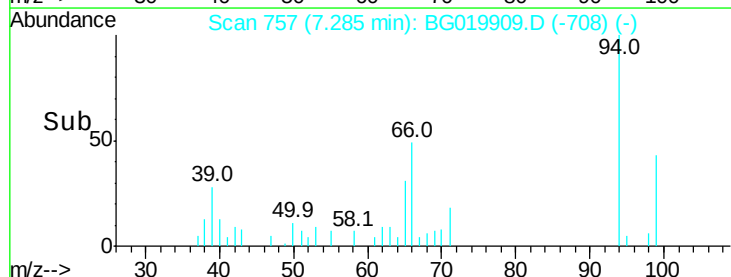
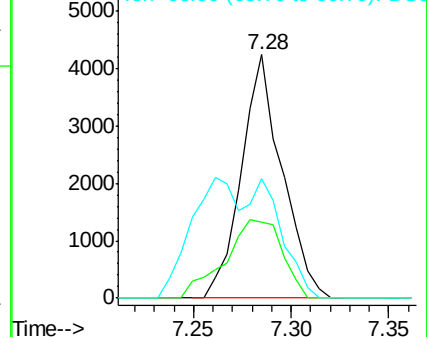
94 100

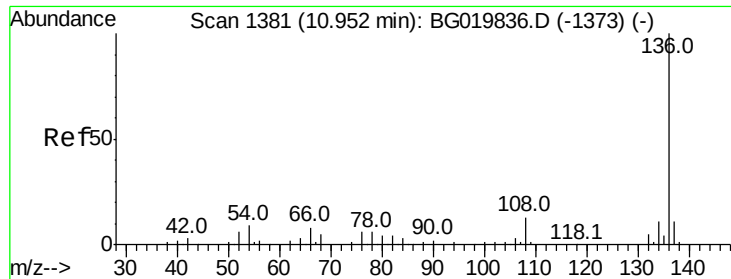
65 31.1 5.4 45.4

66 48.8 11.8 51.8



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

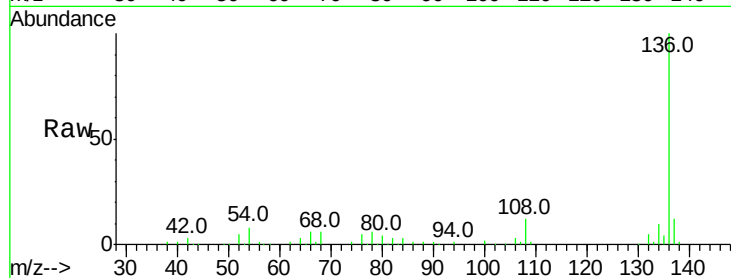




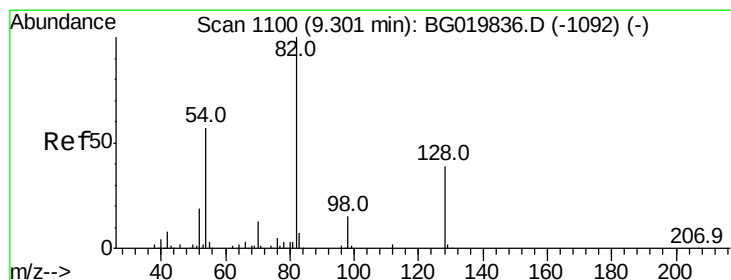
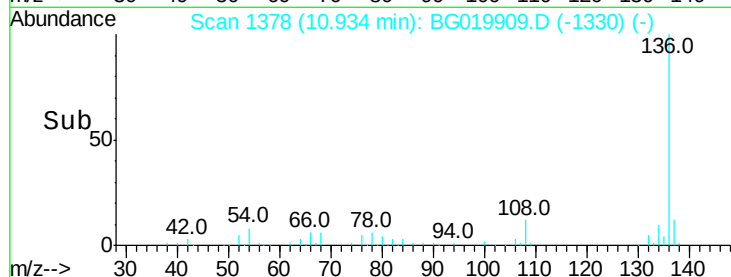
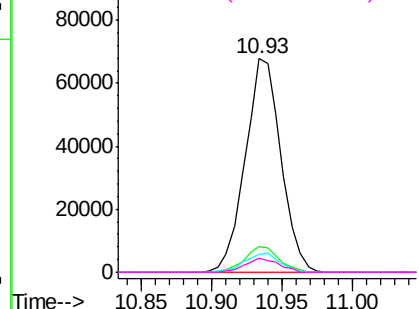
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019909.D
Acq: 4 Dec 2015 17:44

Instrument :
BNA_G
ClientSampleId :
TW-03

Tot Ion:	136	Resp:	119885
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.6	12.8
54	8.3	5.4	8.2#
68	6.4	5.3	7.9

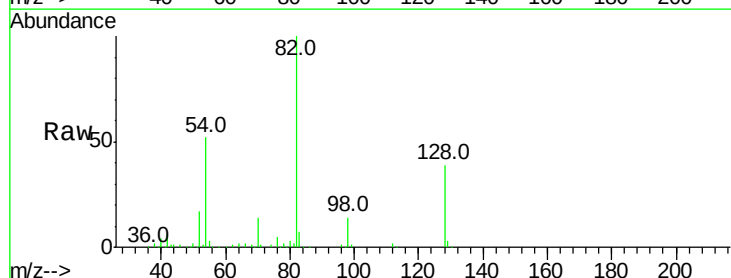


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

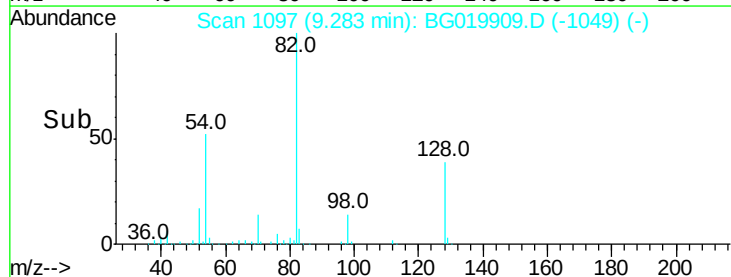
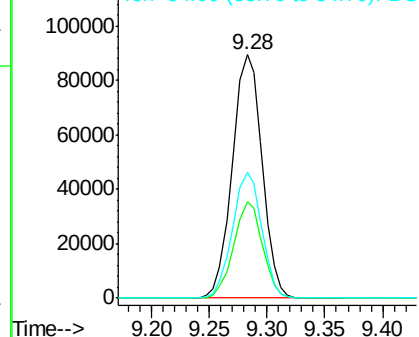


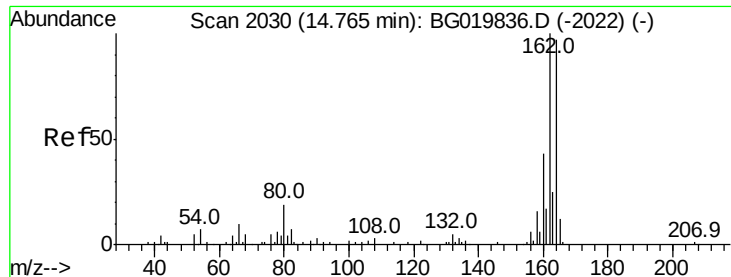
#23
Nitrobenzene-d5
Concen: 67.90 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019909.D
Acq: 4 Dec 2015 17:44

Tgt Ion:	82	Resp:	159492
Ion	Ratio	Lower	Upper
82	100		
128	39.5	36.7	55.1
54	51.6	33.8	50.8#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BG019909.D

Acq: 4 Dec 2015 17:44

Instrument :

BNA_G

ClientSampleId :

TW-03

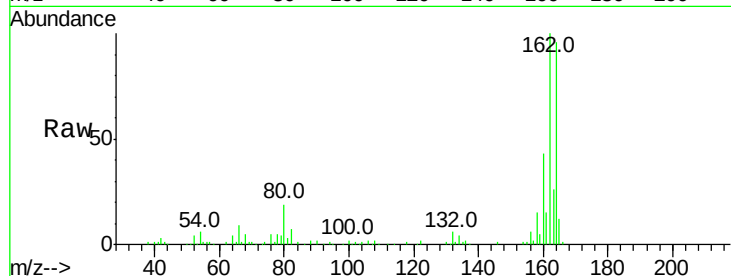
Tot Ion:164 Resp: 88870

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

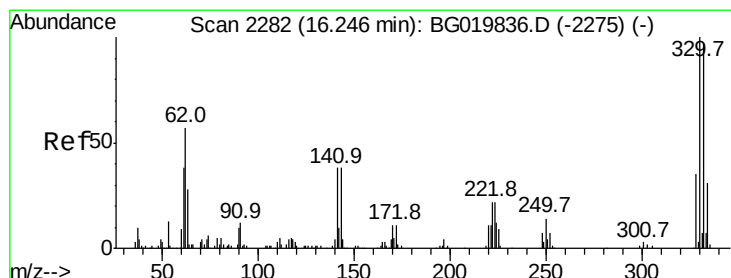
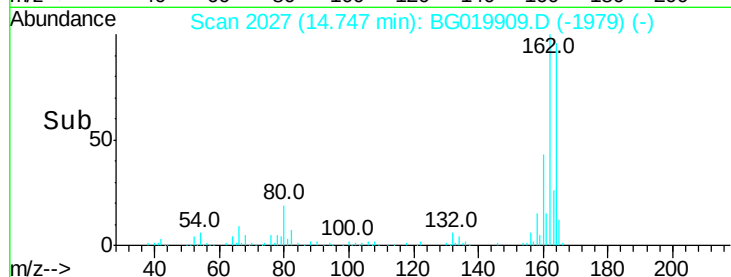
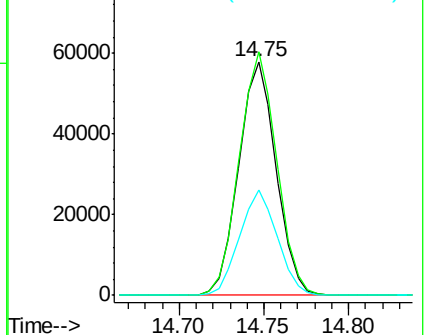
160 45.0 36.4 54.6



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: 77.01 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG019909.D

Acq: 4 Dec 2015 17:44

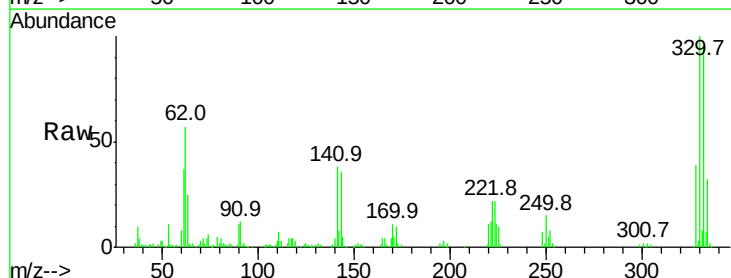
Tgt Ion:330 Resp: 104723

Ion Ratio Lower Upper

330 100

332 95.5 78.1 117.1

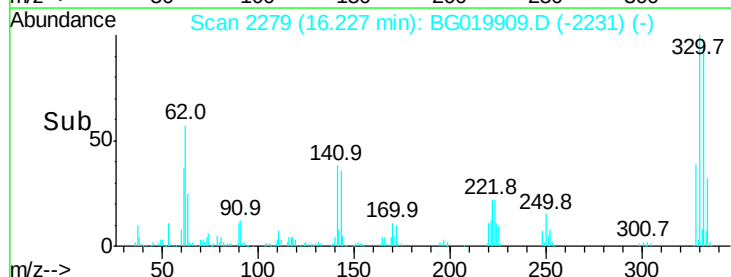
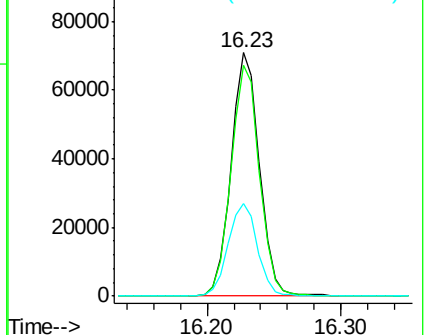
141 39.4 28.2 42.2

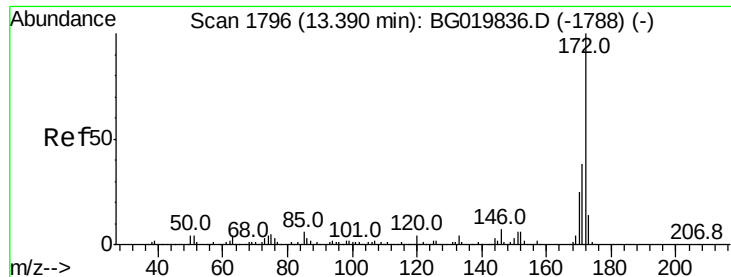


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

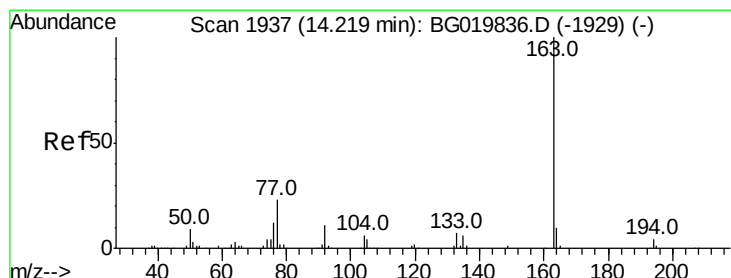
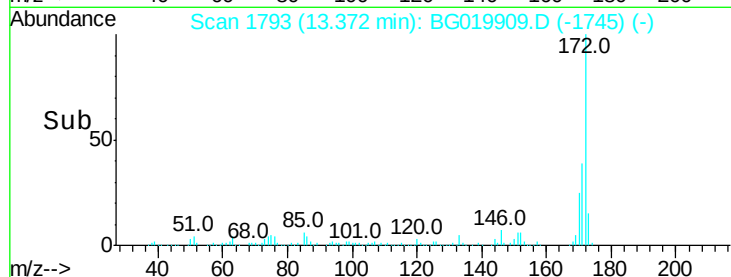
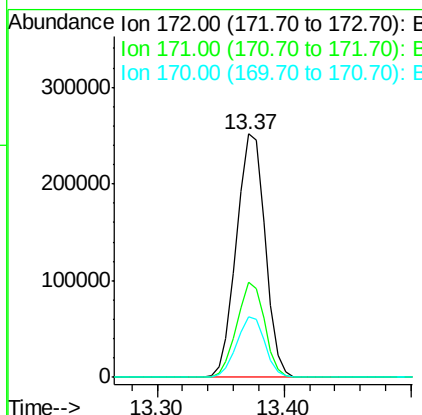
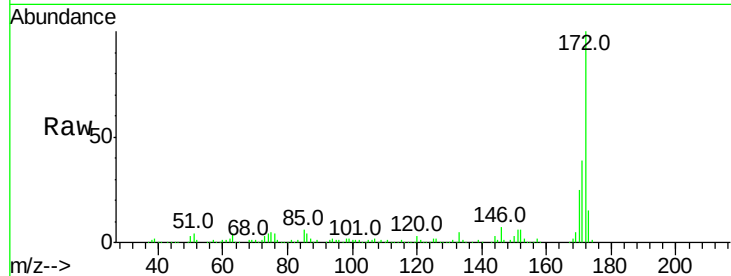




#44
2-Fluorobiphenyl
Concen: 60.48 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG019909.D
Acq: 4 Dec 2015 17:44

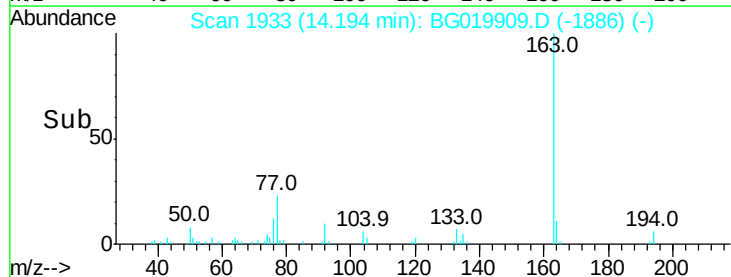
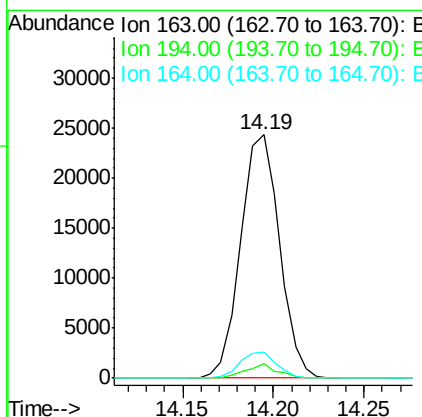
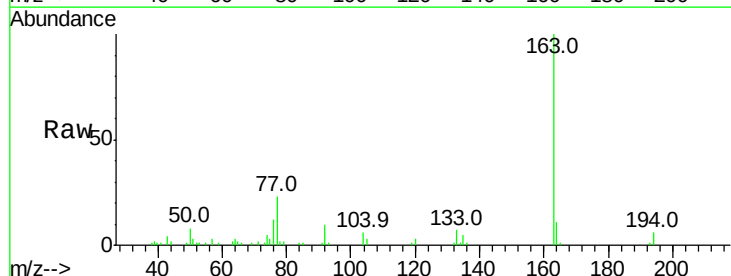
Instrument :
BNA_G
ClientSampleId :
TW-03

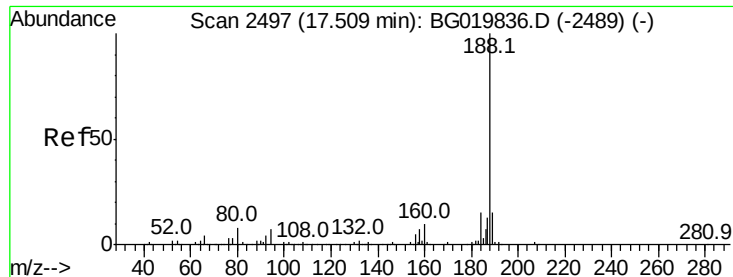
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.0	43.6
170	24.7	19.9	29.9



#49
Dimethylphthalate
Concen: 4.54 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019909.D
Acq: 4 Dec 2015 17:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.1	4.7#
164	10.5	8.8	13.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BG019909.D

Acq: 4 Dec 2015 17:44

Instrument :

BNA_G

ClientSampleId :

TW-03

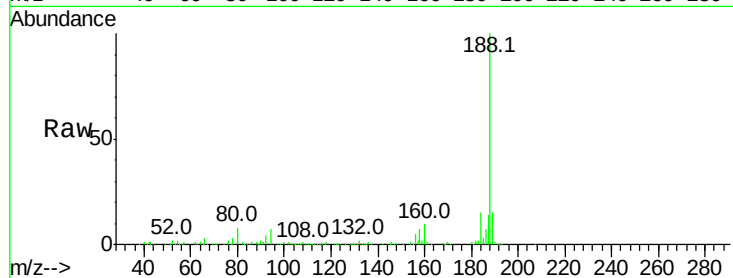
Tot Ion:188 Resp: 220152

Ion Ratio Lower Upper

188 100

94 7.3 7.7 11.5#

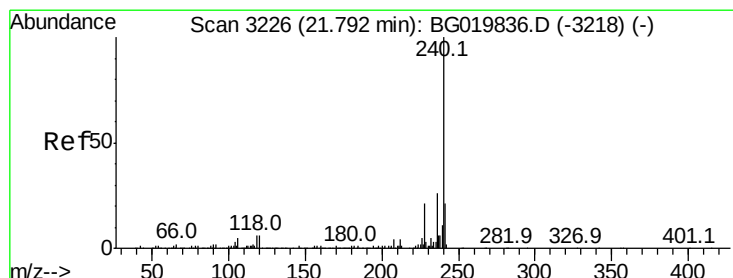
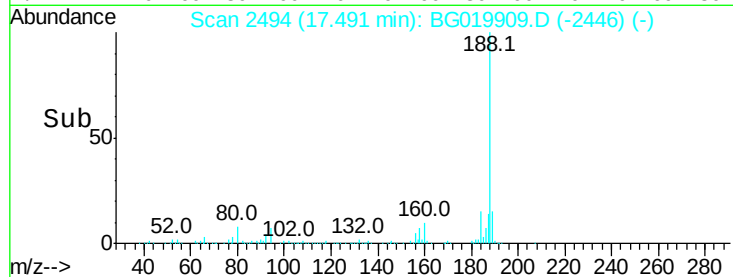
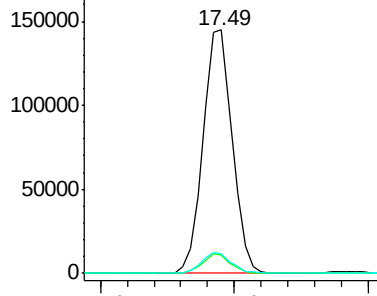
80 8.1 7.8 11.8



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: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019909.D

Acq: 4 Dec 2015 17:44

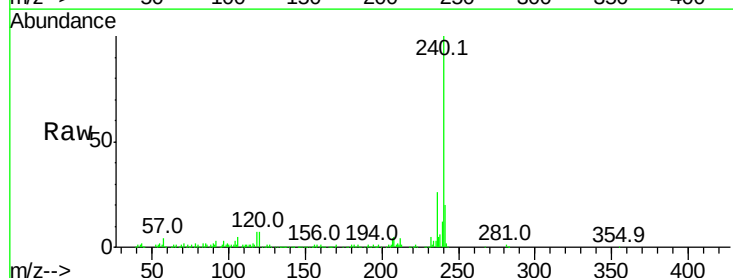
Tgt Ion:240 Resp: 260800

Ion Ratio Lower Upper

240 100

120 6.8 7.4 11.0#

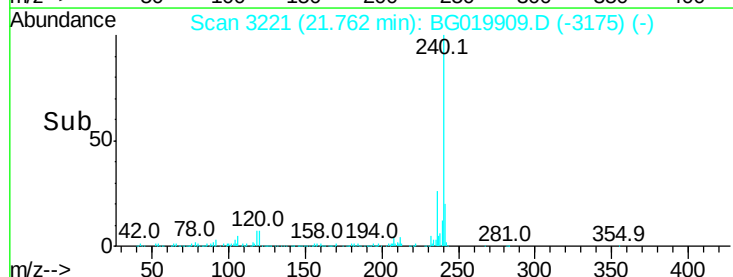
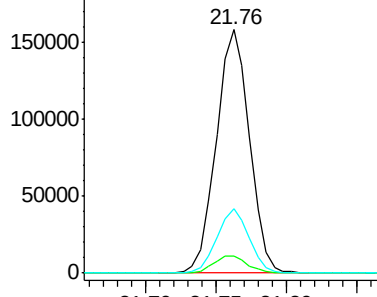
236 26.2 20.7 31.1

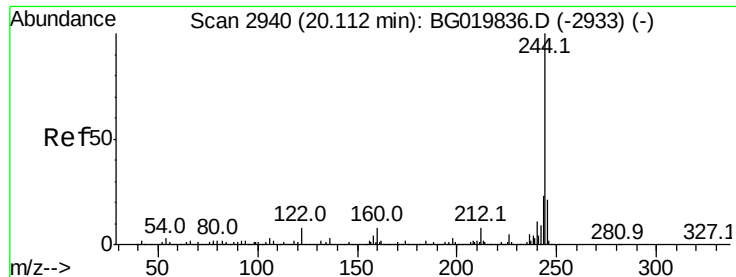


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 56.54 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019909.D

Acq: 4 Dec 2015 17:44

Instrument :

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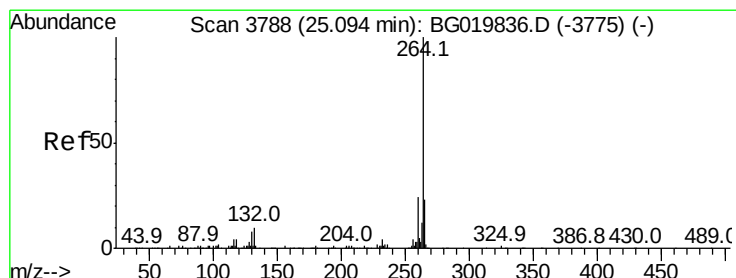
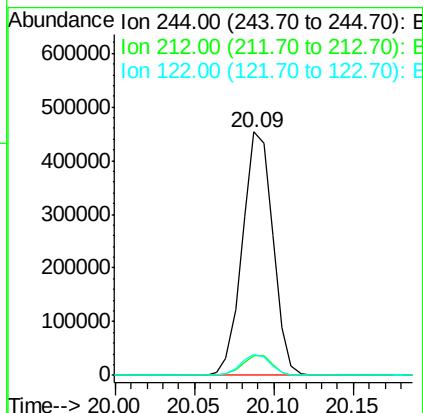
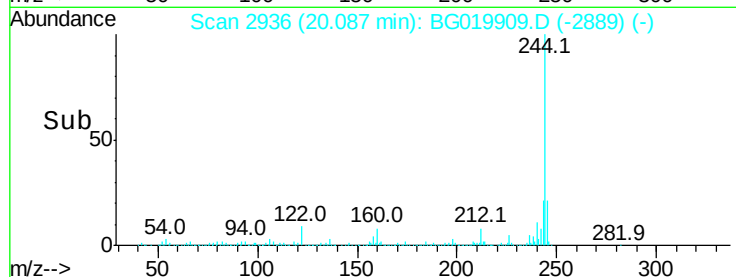
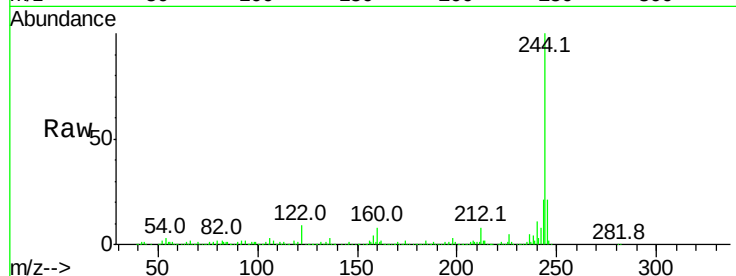
Tot Ion:244 Resp: 604583

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

122 8.7 10.2 15.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3780

Delta R.T. -0.05 min

Lab File: BG019909.D

Acq: 4 Dec 2015 17:44

Tgt Ion:264 Resp: 253829

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.3 17.2 25.8

