

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019877.D
 Acq On : 3 Dec 2015 19:23
 Operator : UM/NP
 Sample : G4617-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-10

Quant Time: Dec 04 03:13:39 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

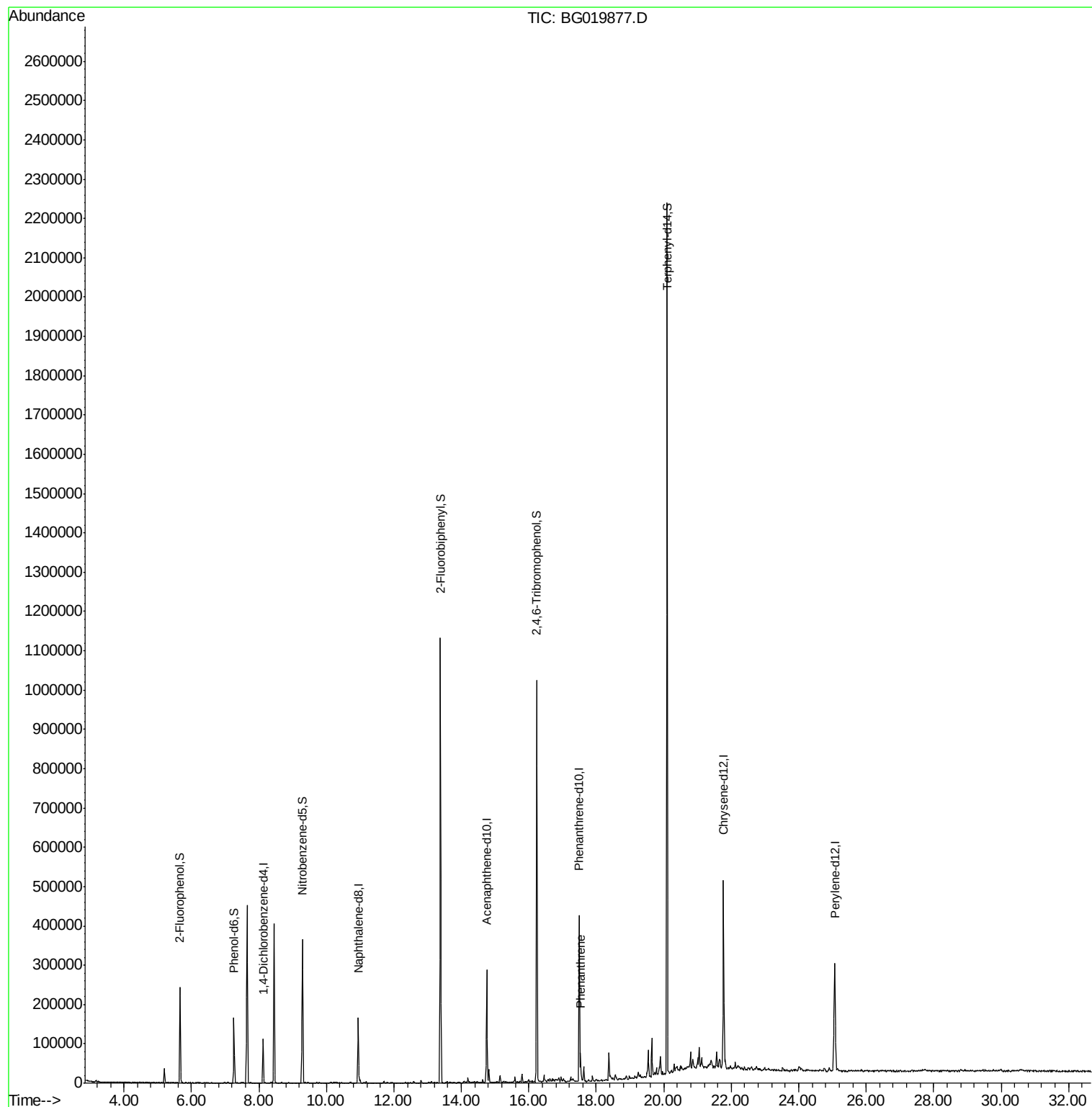
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29473	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	131859	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	96040	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	248036	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	305166	20.00	ng	-0.02
86) Perylene-d12	25.07	264	297102	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	97069	59.53	ng	0.00
7) Phenol-d6	7.26	99	91058	36.98	ng	-0.01
23) Nitrobenzene-d5	9.29	82	218619	84.62	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	182547	124.22	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	565253	80.36	ng	0.00
78) Terphenyl-d14	20.10	244	912687	72.95	ng	0.00
Target Compounds						
70) Phenanthrene	17.54	178	43482	3.10	ng	Qvalue 97

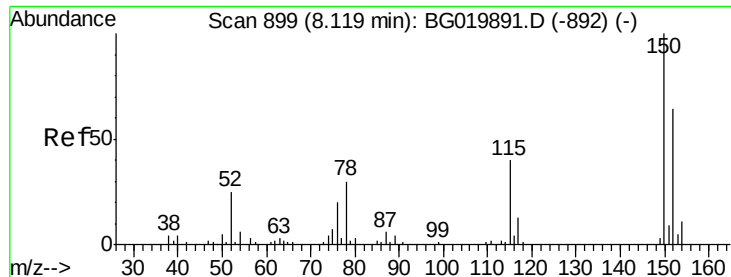
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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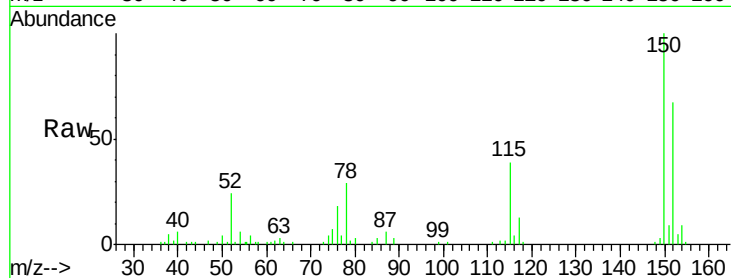


#1

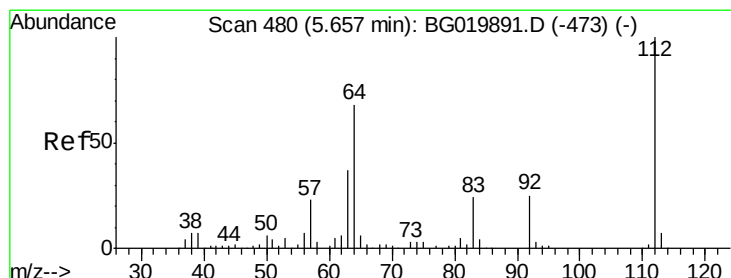
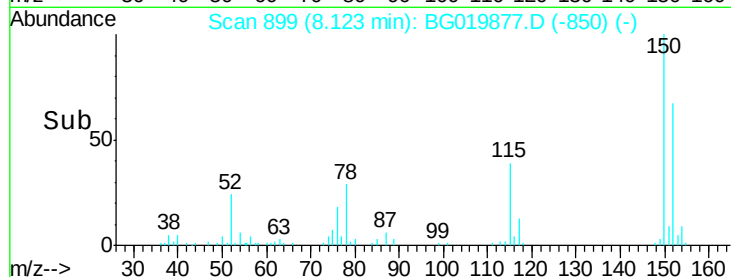
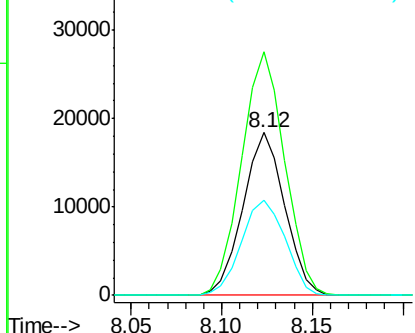
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.01 min
Lab File: BG019877.D
Acq: 3 Dec 2015 19:23

Instrument :
BNA_G
ClientSampleId :
TW-10

Tot Ion:152 Resp: 29473
Ion Ratio Lower Upper
152 100
150 149.5 115.0 172.4
115 58.5 43.9 65.9



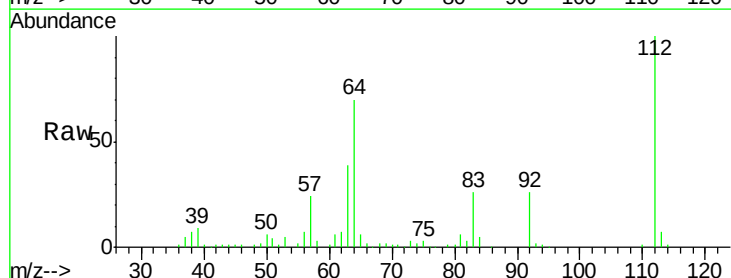
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



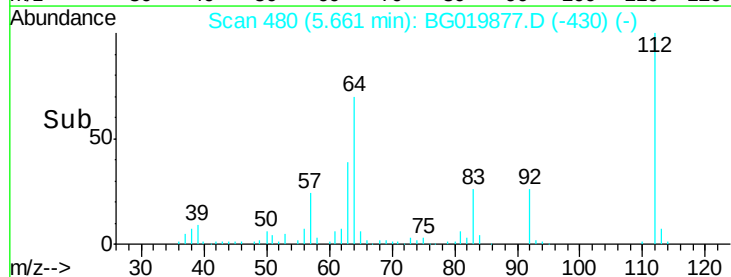
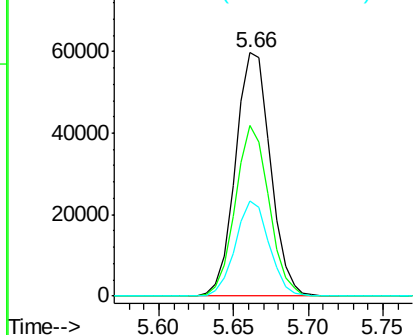
#5

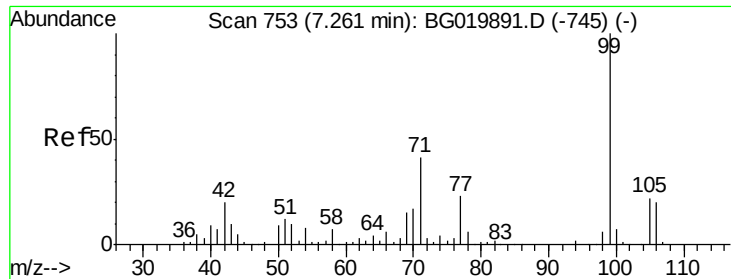
2-Fluorophenol
Concen: 59.53 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019877.D
Acq: 3 Dec 2015 19:23

Tgt Ion:112 Resp: 97069
Ion Ratio Lower Upper
112 100
64 70.1 43.7 65.5#
63 39.2 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 36.98 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG019877.D

Acq: 3 Dec 2015 19:23

Instrument :

BNA_G

ClientSampleId :

TW-10

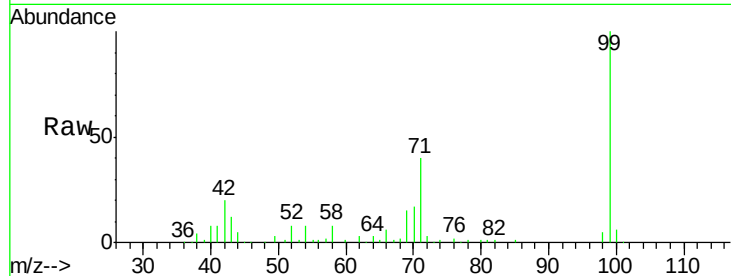
Tot Ion: 99 Resp: 91058

Ion Ratio Lower Upper

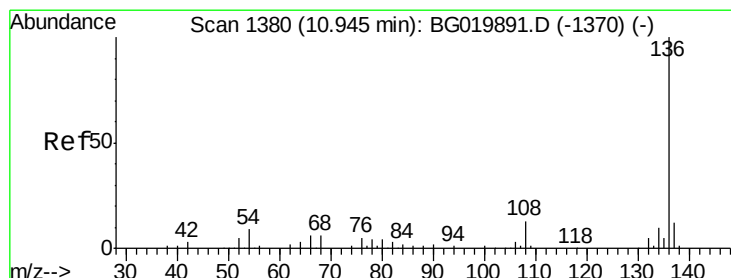
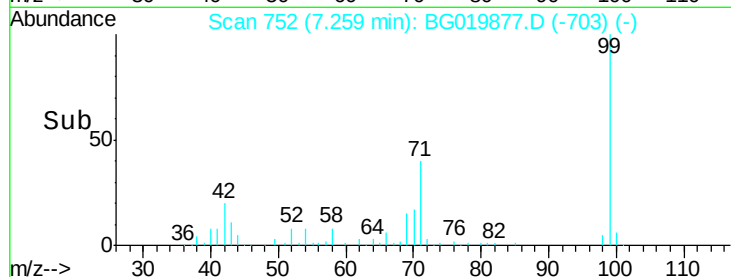
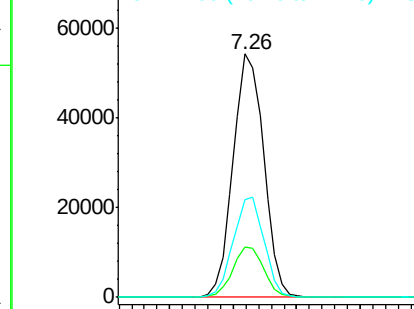
99 100

42 20.5 11.5 17.3#

71 40.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG019877.D

Acq: 3 Dec 2015 19:23

Tgt Ion: 136 Resp: 131859

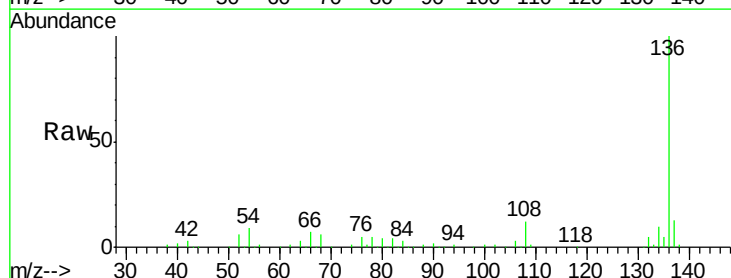
Ion Ratio Lower Upper

136 100

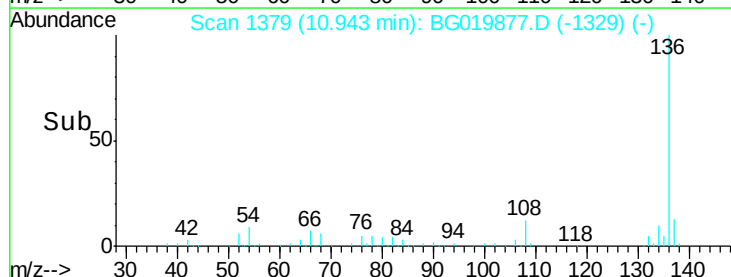
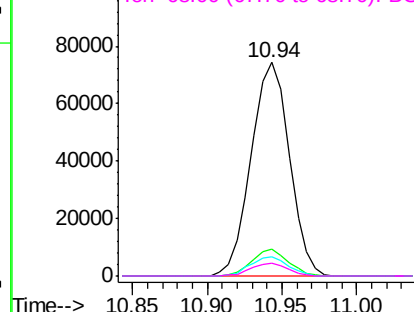
137 12.5 8.6 12.8

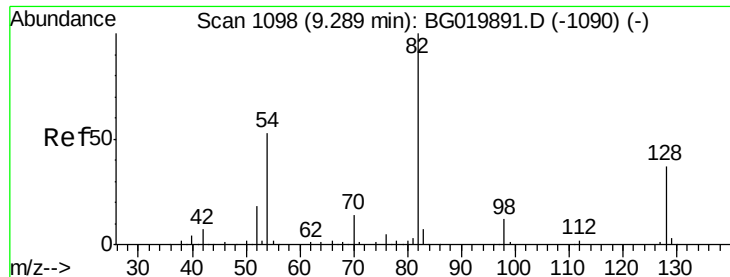
54 8.9 5.4 8.2#

68 6.2 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

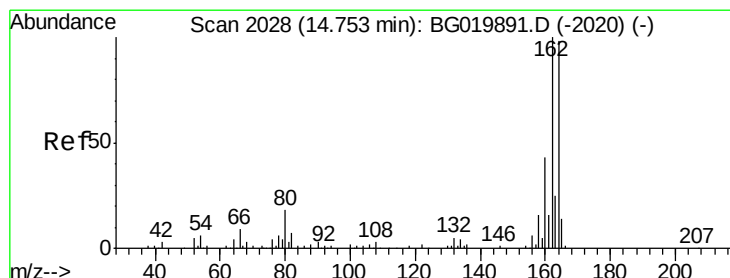
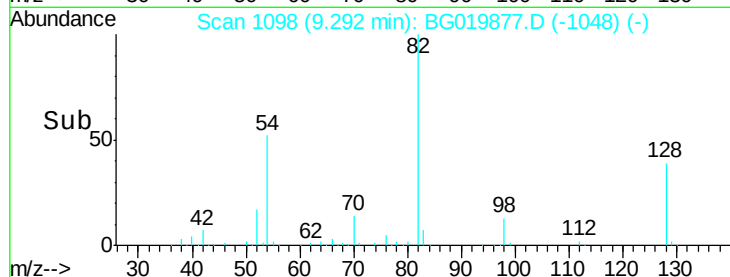
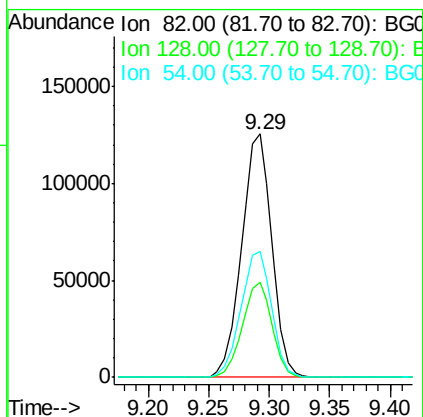
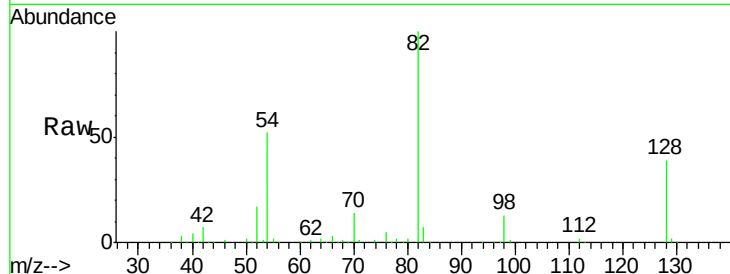




#23
 Nitrobenzene-d5
 Concen: 84.62 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019877.D
 Acq: 3 Dec 2015 19:23

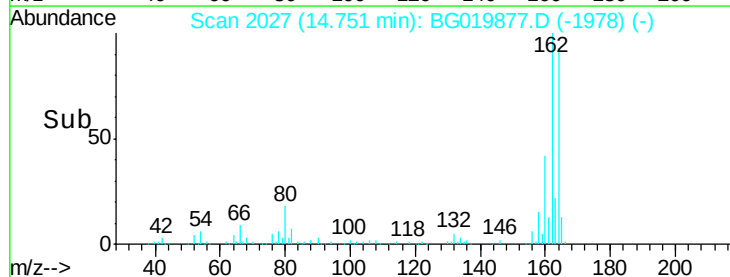
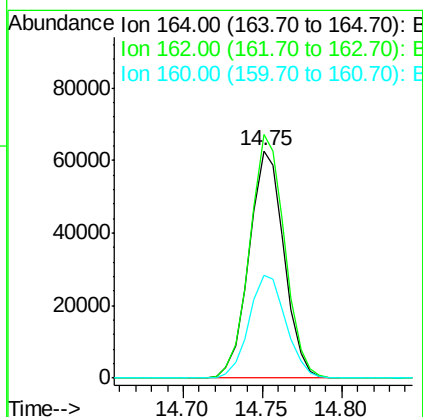
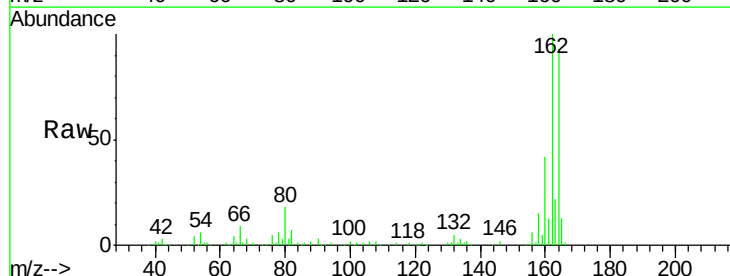
Instrument :
 BNA_G
 ClientSampleId :
 TW-10

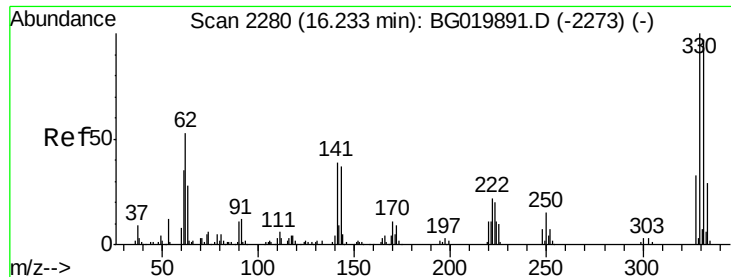
Tot Ion	82	Resp	218619
Ion Ratio	100	Lower	Upper
128	38.9	36.7	55.1
54	51.8	33.8	50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BG019877.D
 Acq: 3 Dec 2015 19:23

Tgt Ion	164	Resp	96040
Ion Ratio	100	Lower	Upper
162	107.0	78.8	118.2
160	45.1	36.4	54.6

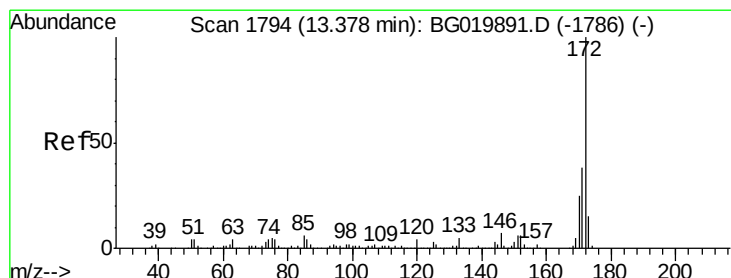
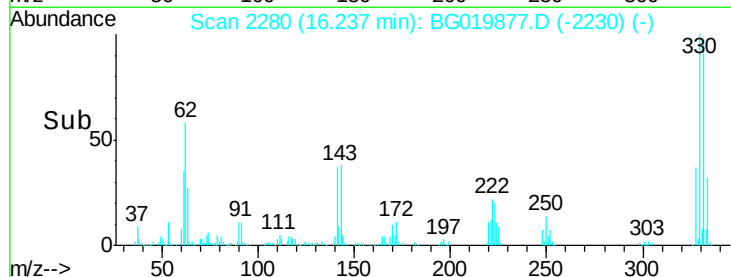
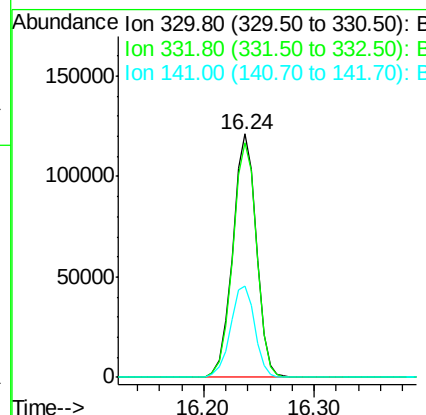
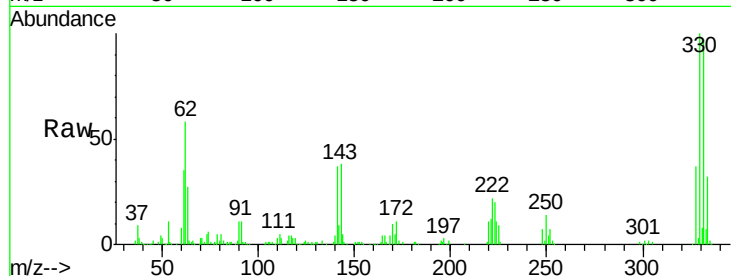




#41
 2,4,6-Tribromophenol
 Concen: 124.22 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019877.D
 Acq: 3 Dec 2015 19:23

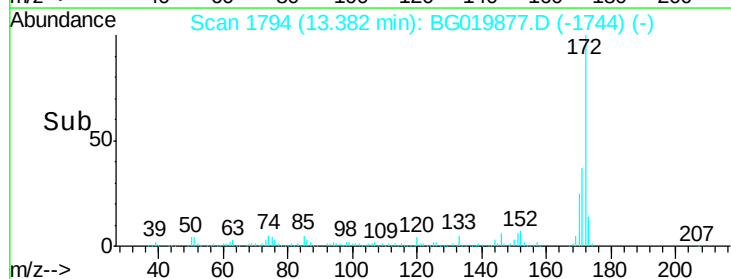
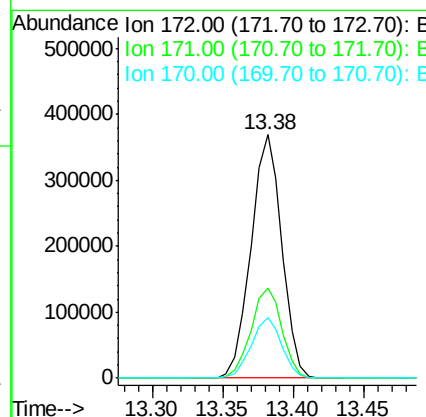
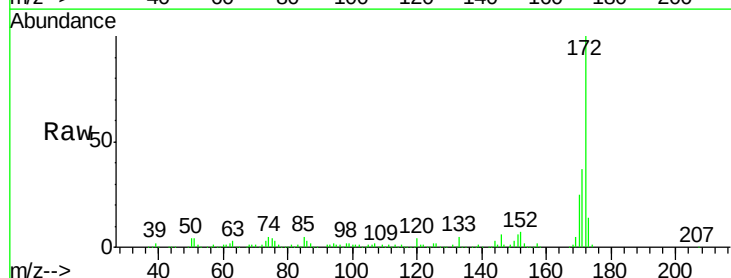
Instrument :
 BNA_G
 ClientSampleId :
 TW-10

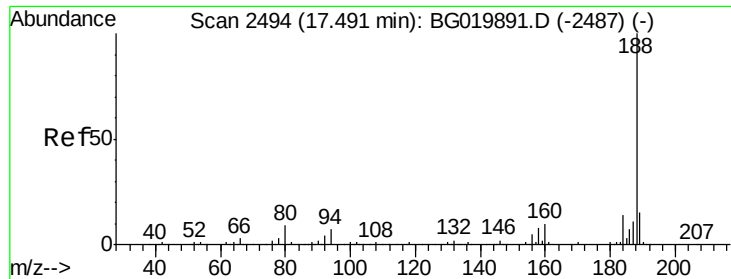
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	38.4	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 80.36 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019877.D
 Acq: 3 Dec 2015 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.8	19.9	29.9

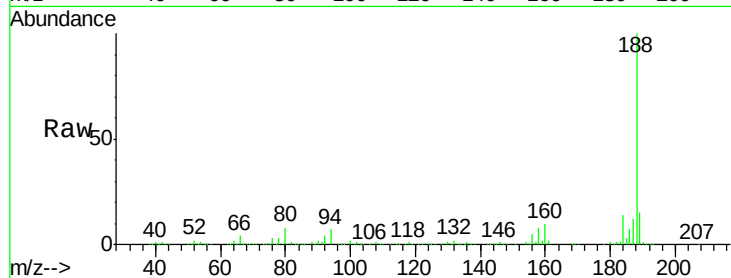




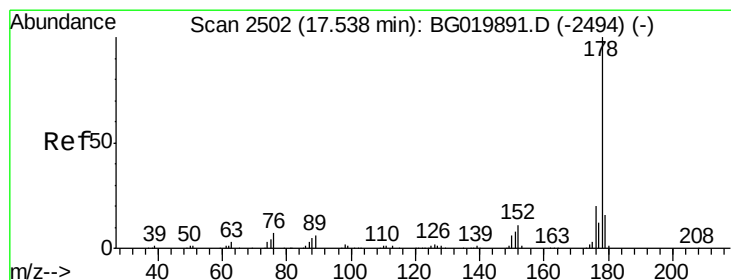
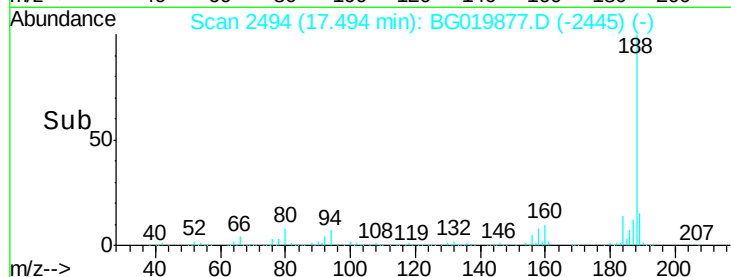
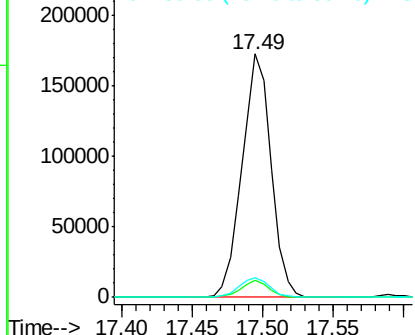
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BG019877.D
Acq: 3 Dec 2015 19:23

Instrument :
BNA_G
ClientSampleId :
TW-10

Tot Ion:188 Resp: 248036
Ion Ratio Lower Upper
188 100
94 7.3 7.7 11.5#
80 8.2 7.8 11.8

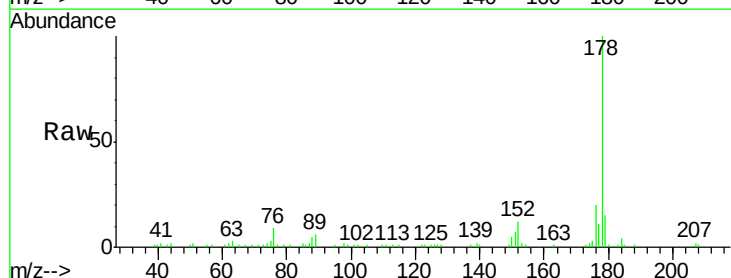


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

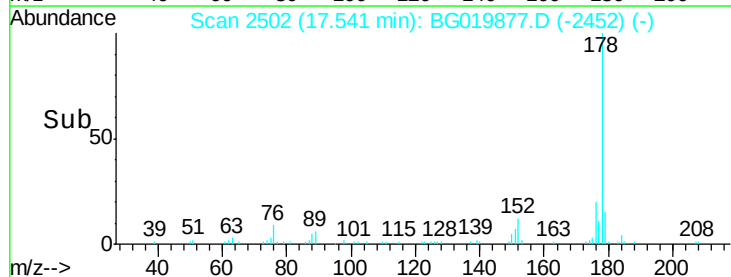
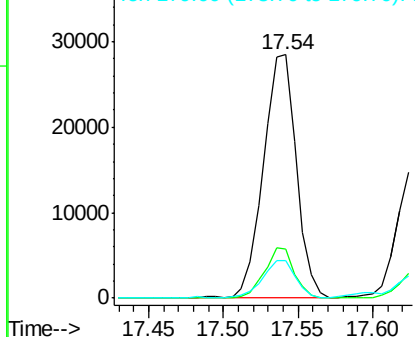


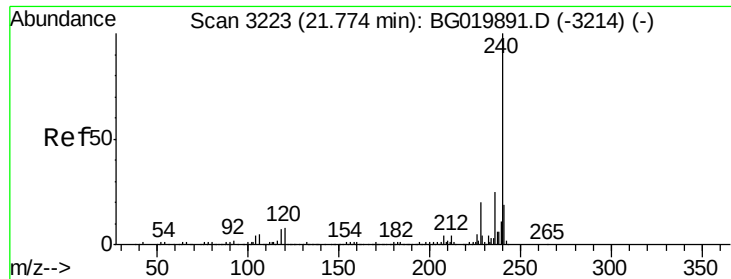
#70
Phenanthrene
Concen: 3.10 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BG019877.D
Acq: 3 Dec 2015 19:23

Tgt Ion:178 Resp: 43482
Ion Ratio Lower Upper
178 100
176 19.9 16.7 25.1
179 15.2 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG019877.D

Acq: 3 Dec 2015 19:23

Instrument :

BNA_G

ClientSampleId :

TW-10

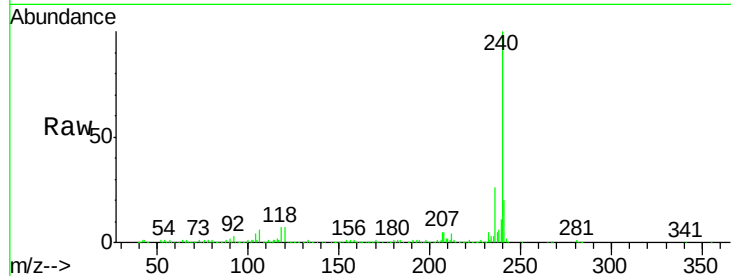
Tot Ion:240 Resp: 305166

Ion Ratio Lower Upper

240 100

120 7.0 7.4 11.0#

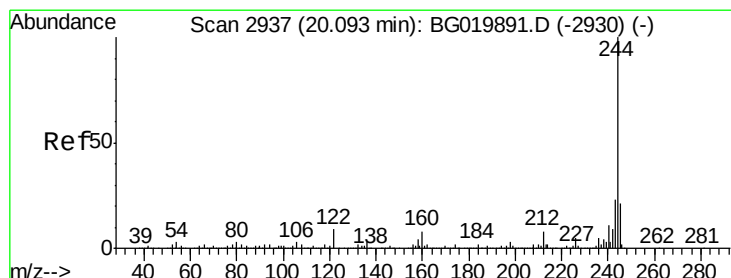
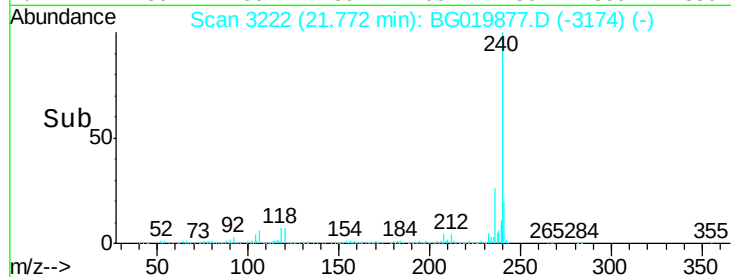
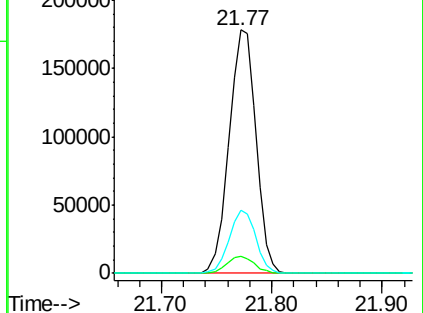
236 26.1 20.7 31.1



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: 72.95 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG019877.D

Acq: 3 Dec 2015 19:23

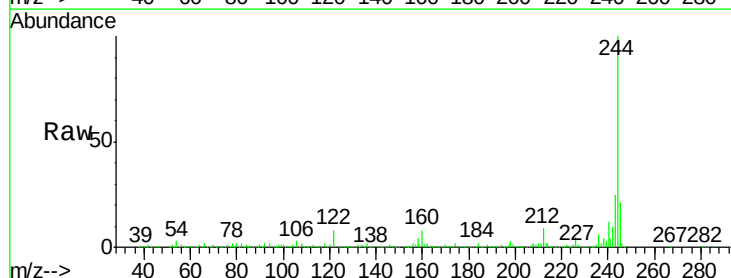
Tgt Ion:244 Resp: 912687

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

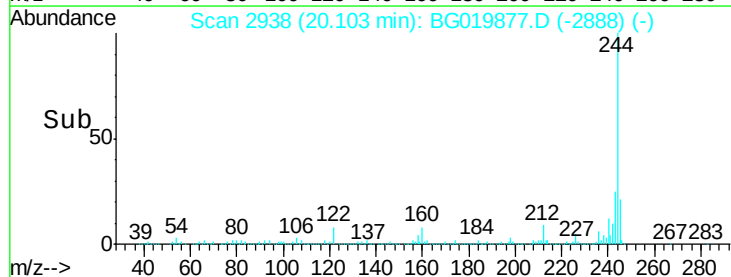
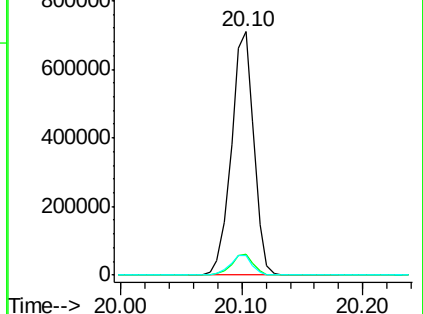
122 8.1 10.2 15.2#

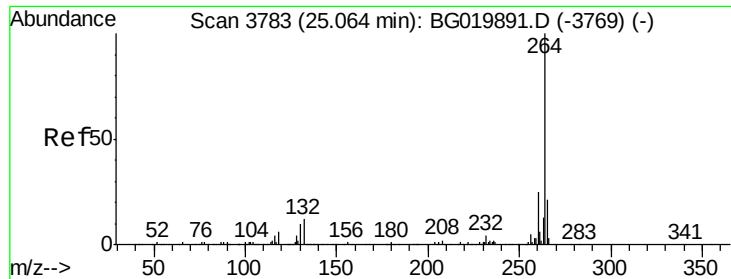


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

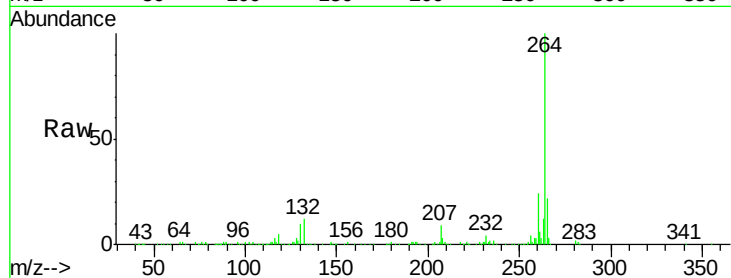




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3783
Delta R.T. -0.03 min
Lab File: BG019877.D
Acq: 3 Dec 2015 19:23

Instrument :
BNA_G
ClientSampleId :
TW-10

Tot Ion:	264	Resp:	297102
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.6	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

