

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019876.D
 Acq On : 3 Dec 2015 18:45
 Operator : UM/NP
 Sample : G4617-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-06

Quant Time: Dec 04 02:51:51 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	8.13	152	29895	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	132626	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	97190	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	246601	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	302507	20.00	ng	-0.02
86) Perylene-d12	25.07	264	289803	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	93382	56.46	ng	0.00
7) Phenol-d6	7.26	99	82991	33.23	ng	-0.01
23) Nitrobenzene-d5	9.29	82	223800	86.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	183956	123.70	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	576593	81.00	ng	0.00
78) Terphenyl-d14	20.10	244	960475	77.44	ng	-0.01

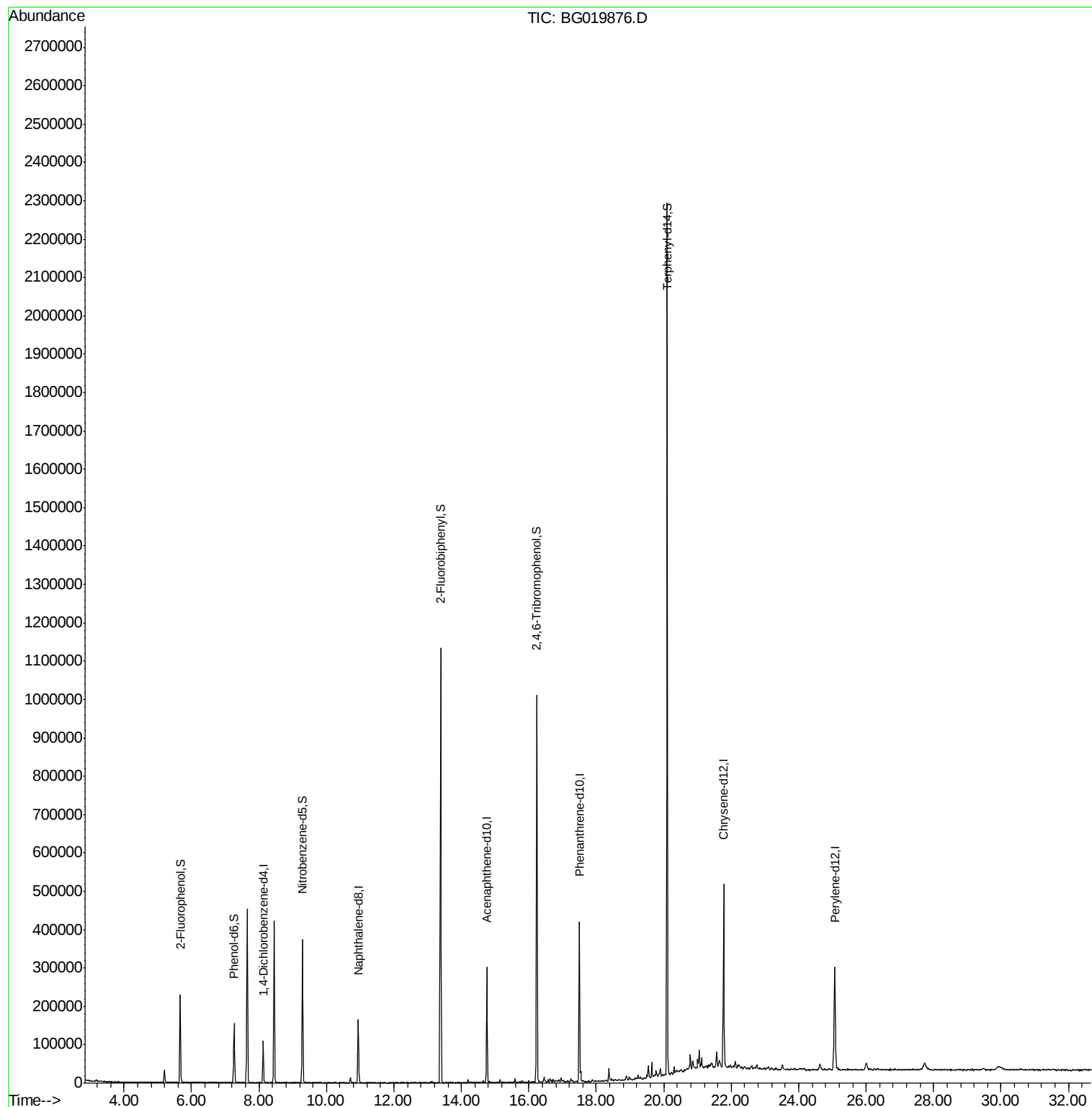
Target Compounds Qvalue

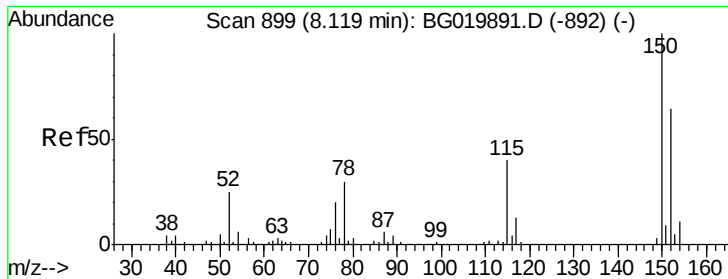
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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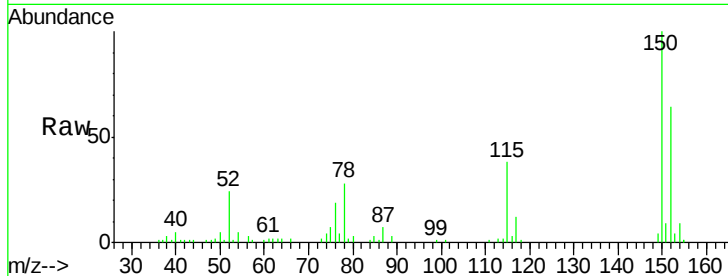


#1

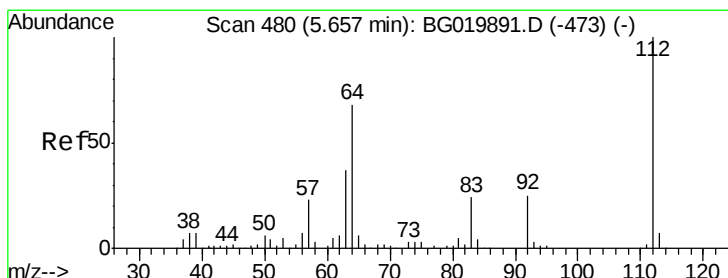
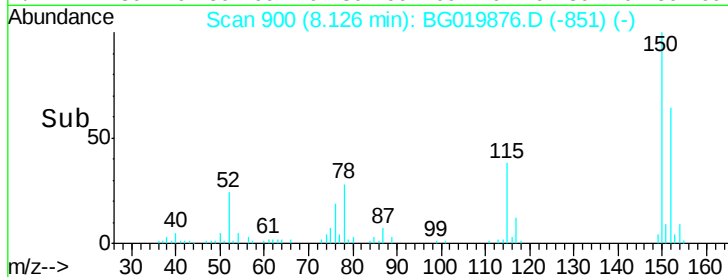
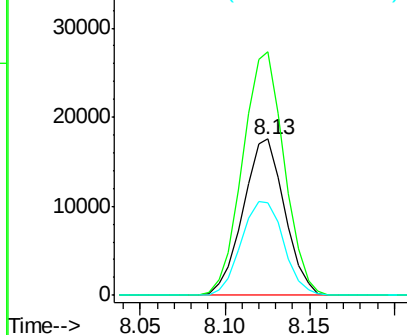
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

Instrument :
BNA_G
ClientSampleId :
TW-06

Tot Ion:152 Resp: 29895
Ion Ratio Lower Upper
152 100
150 155.9 115.0 172.4
115 59.0 43.9 65.9



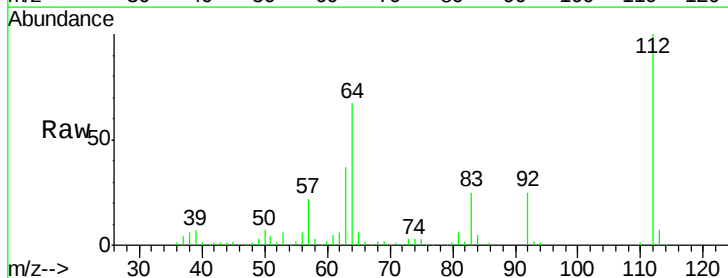
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



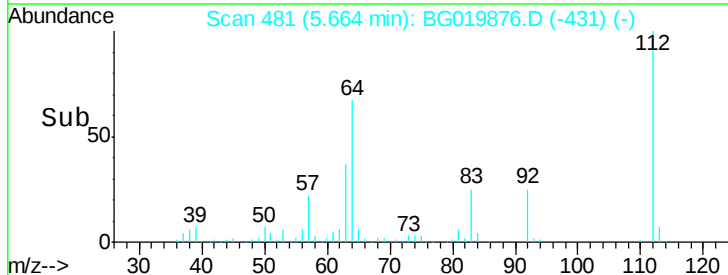
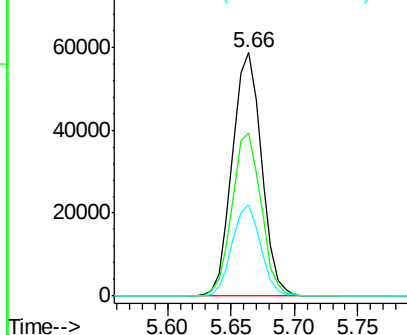
#5

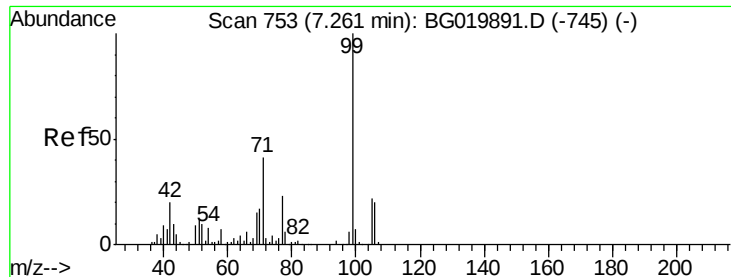
2-Fluorophenol
Concen: 56.46 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

Tgt Ion:112 Resp: 93382
Ion Ratio Lower Upper
112 100
64 66.7 43.7 65.5#
63 37.4 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: 33.23 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019876.D

Acq: 3 Dec 2015 18:45

Instrument :

BNA_G

ClientSampleId :

TW-06

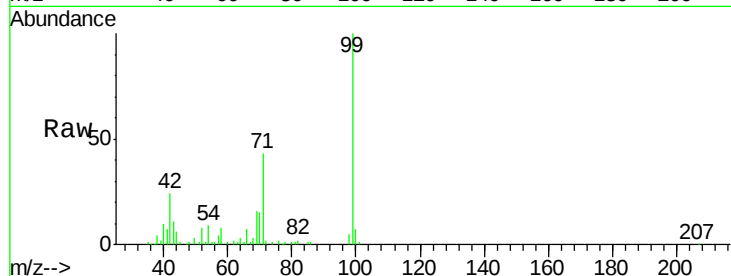
Tot Ion: 99 Resp: 82991

Ion Ratio Lower Upper

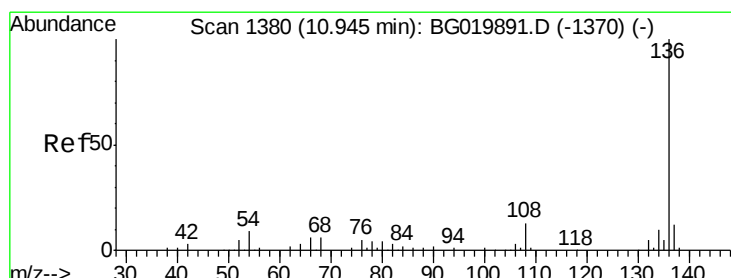
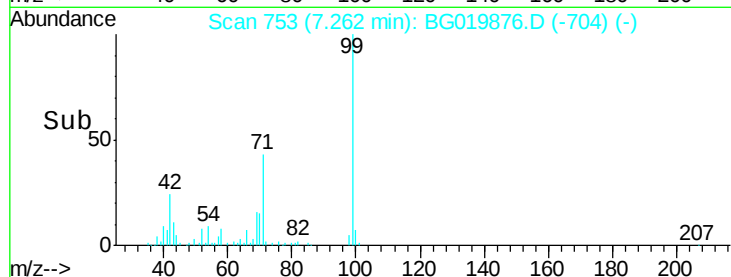
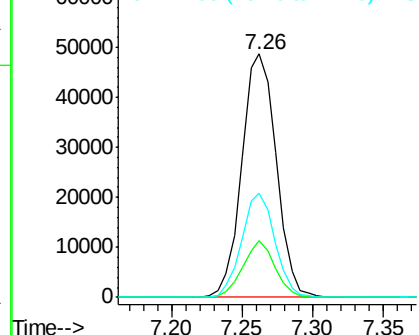
99 100

42 23.5 11.5 17.3#

71 42.8 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: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG019876.D

Acq: 3 Dec 2015 18:45

Tgt Ion: 136 Resp: 132626

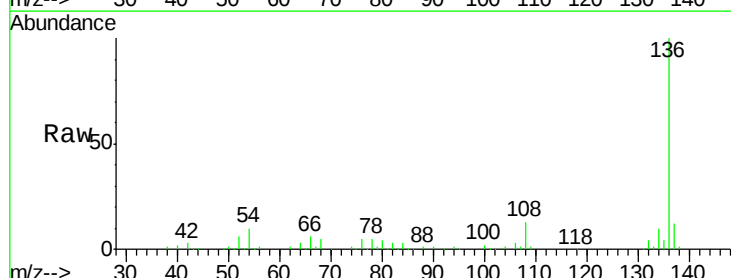
Ion Ratio Lower Upper

136 100

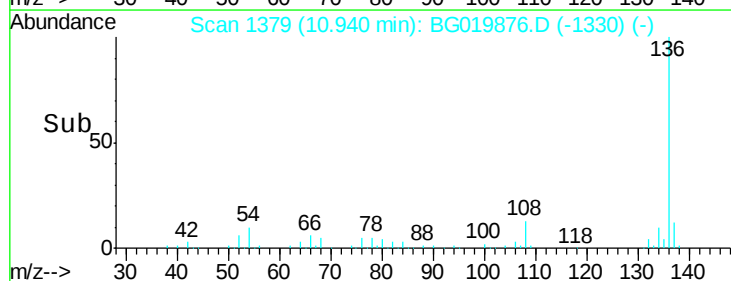
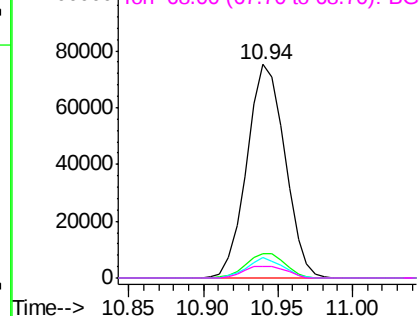
137 11.6 8.6 12.8

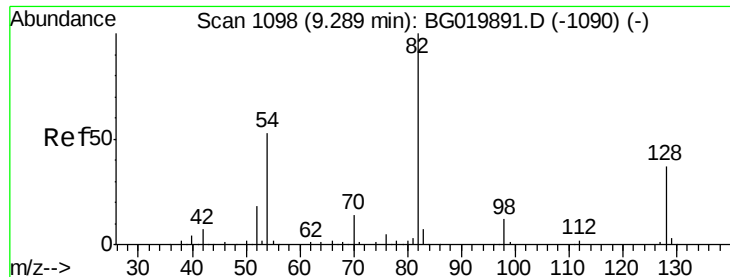
54 9.6 5.4 8.2#

68 5.2 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

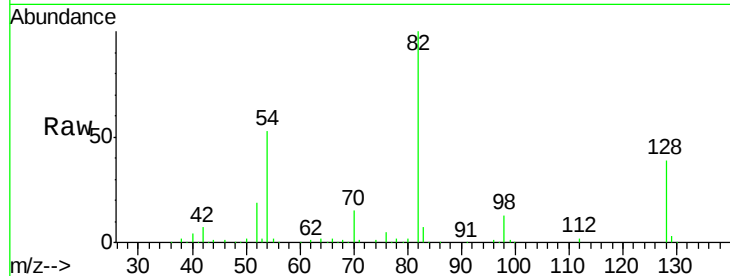




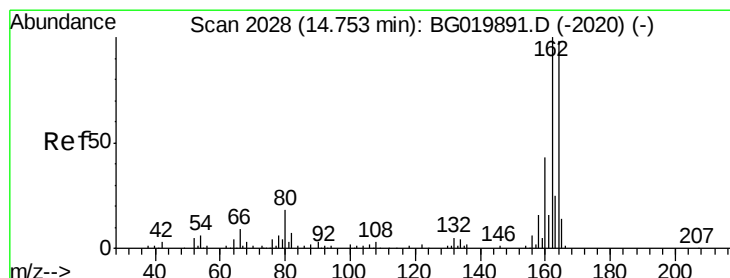
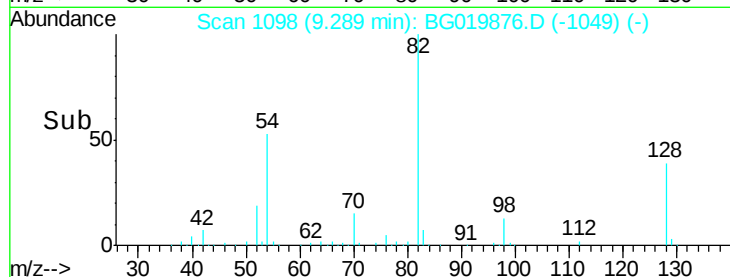
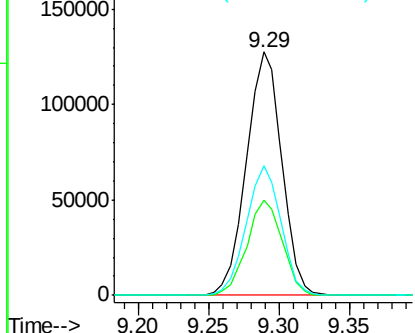
#23
Nitrobenzene-d5
Concen: 86.12 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

Instrument :
BNA_G
ClientSampleId :
TW-06

Tot Ion: 82 Resp: 223800
Ion Ratio Lower Upper
82 100
128 38.8 36.7 55.1
54 53.2 33.8 50.8#

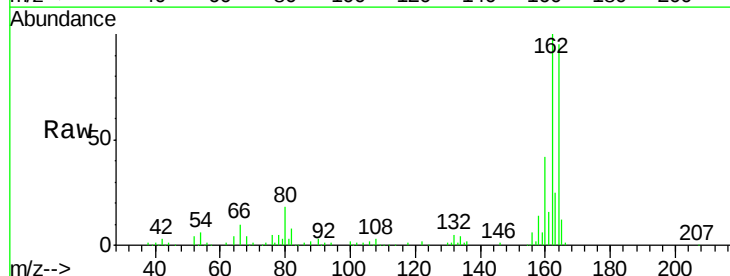


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

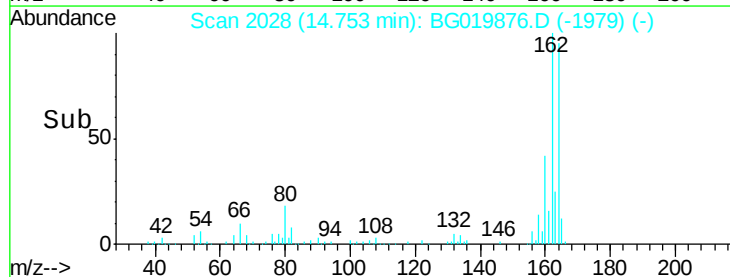
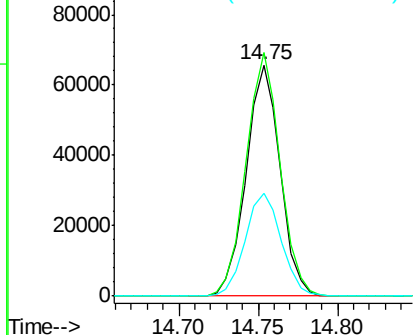


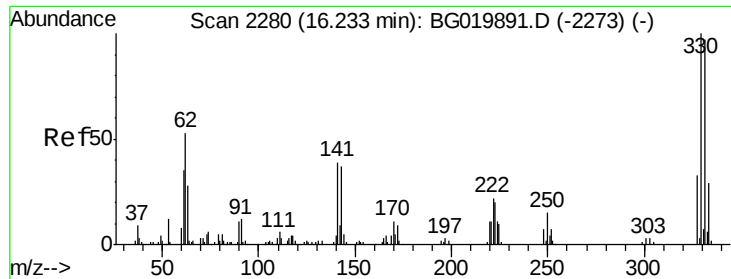
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

Tgt Ion:164 Resp: 97190
Ion Ratio Lower Upper
164 100
162 105.3 78.8 118.2
160 44.7 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

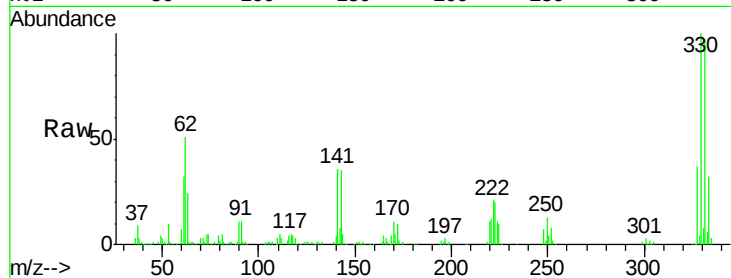




#41
 2,4,6-Tribromophenol
 Concen: 123.70 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG019876.D
 Acq: 3 Dec 2015 18:45

Instrument :
 BNA_G
 ClientSampled :
 TW-06

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	78.1	117.1
141	38.6	28.2	42.2

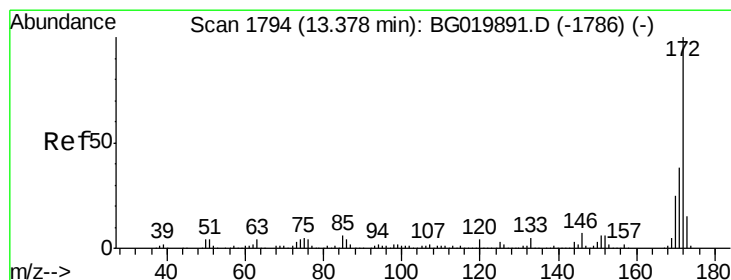
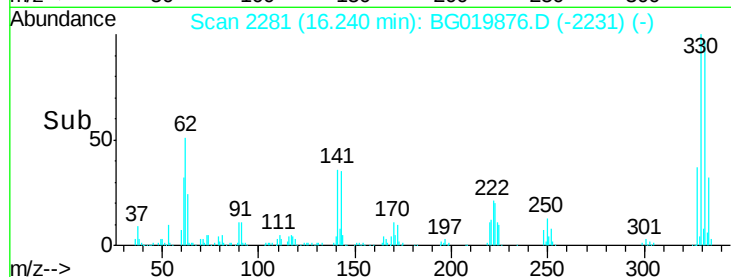
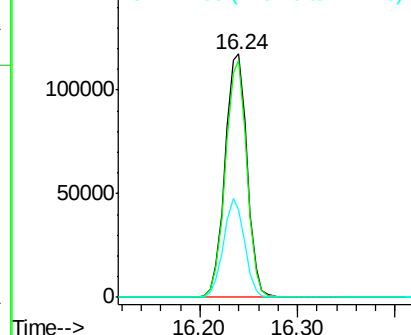


Abundance

Ion 329.80 (329.50 to 330.50): E

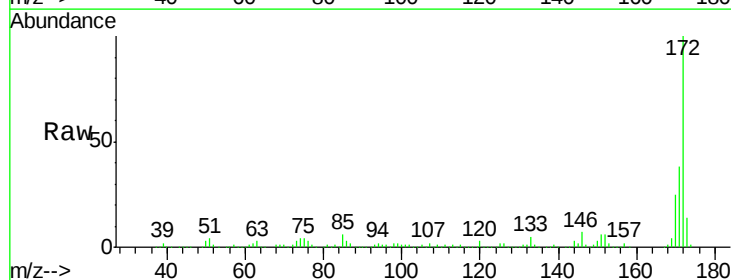
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.00 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019876.D
 Acq: 3 Dec 2015 18:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.0	43.6
170	24.8	19.9	29.9

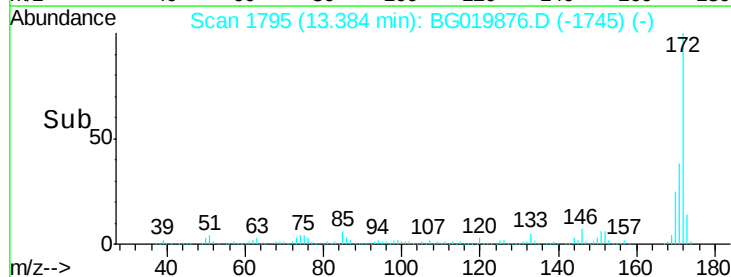
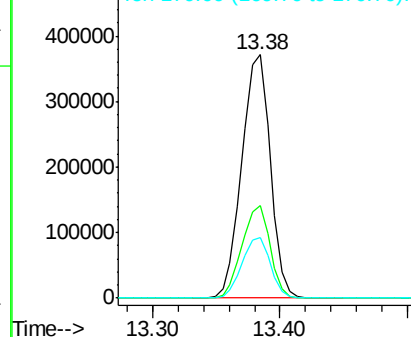


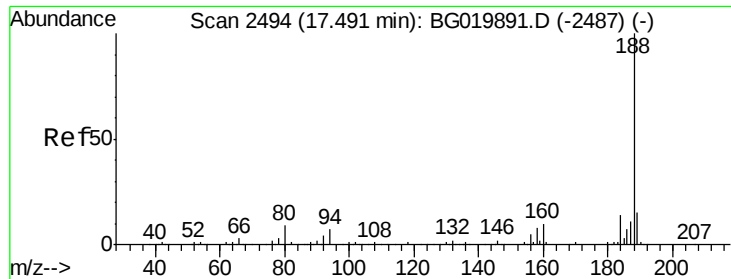
Abundance

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

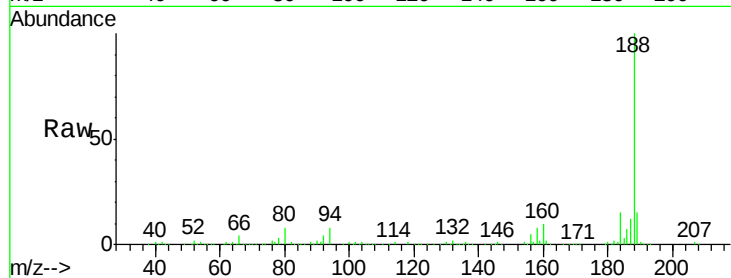




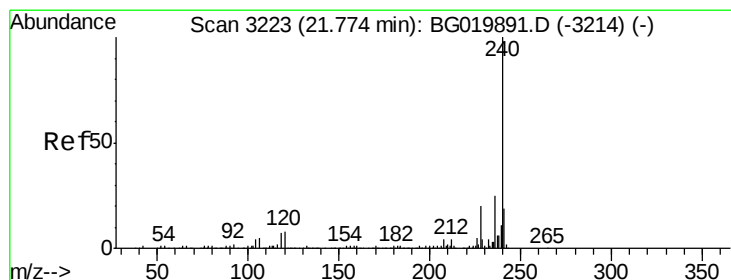
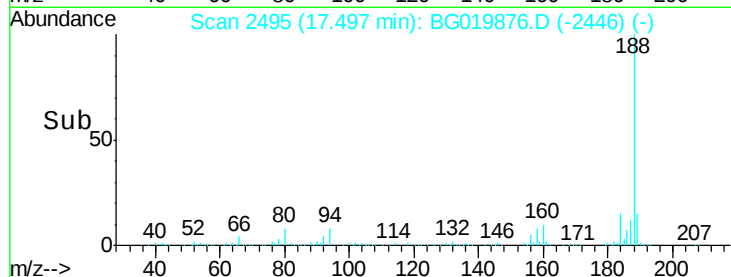
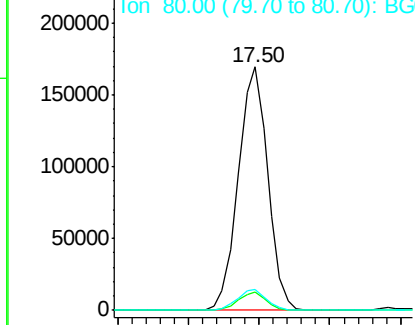
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

Instrument :
BNA_G
ClientSampleId :
TW-06

Tot Ion:188 Resp: 246601
Ion Ratio Lower Upper
188 100
94 7.6 7.7 11.5#
80 8.5 7.8 11.8

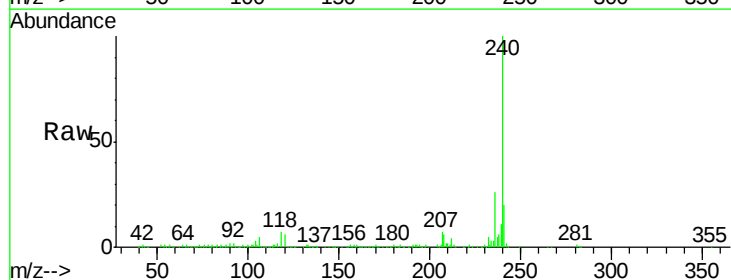


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

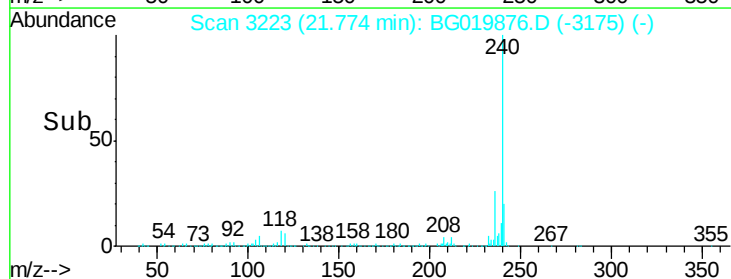
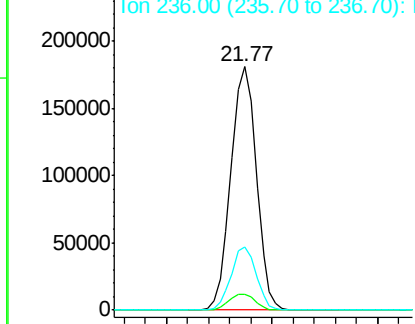


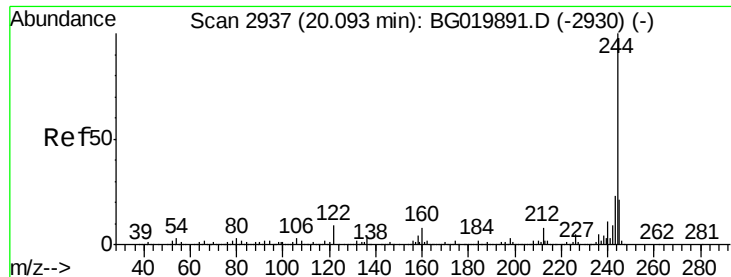
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

Tgt Ion:240 Resp: 302507
Ion Ratio Lower Upper
240 100
120 6.4 7.4 11.0#
236 26.0 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: 77.44 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG019876.D

Acq: 3 Dec 2015 18:45

Instrument :

BNA_G

ClientSampleId :

TW-06

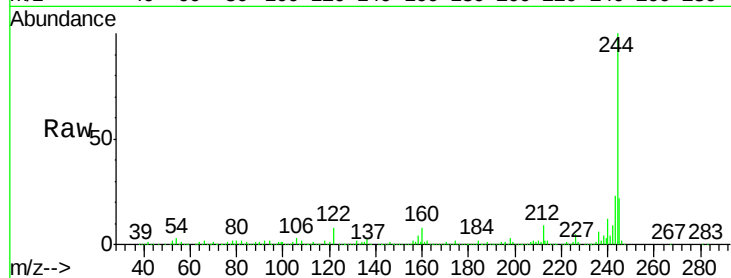
Tot Ion:244 Resp: 960475

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

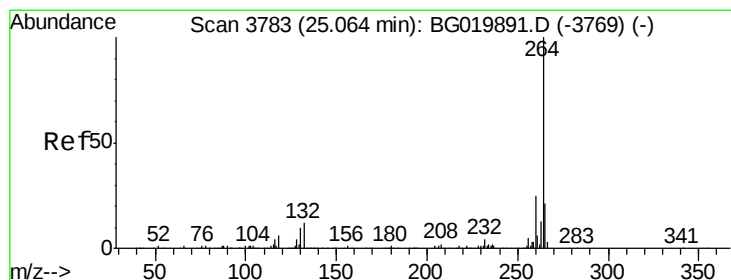
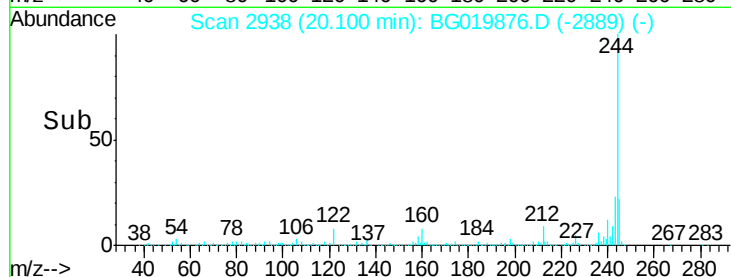
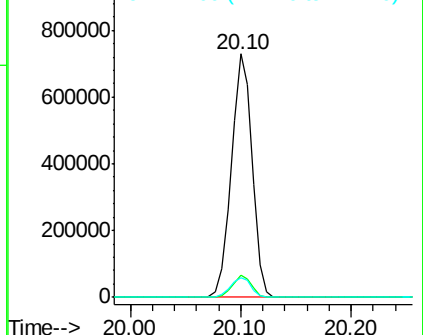
122 8.3 10.2 15.2#



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: 25.07 min Scan# 3784

Delta R.T. -0.02 min

Lab File: BG019876.D

Acq: 3 Dec 2015 18:45

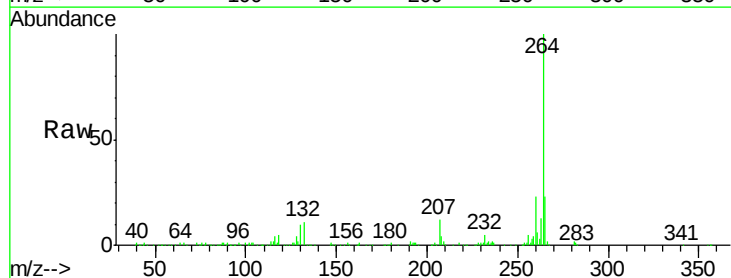
Tgt Ion:264 Resp: 289803

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.8 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

