

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019865.D
 Acq On : 3 Dec 2015 11:30
 Operator : UM/NP
 Sample : G4583-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-05(0-6)

Quant Time: Dec 03 13:16:46 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	22438	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	94690	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	70437	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	188502	20.00	ng	0.00
75) Chrysene-d12	21.78	240	229737	20.00	ng	-0.02
86) Perylene-d12	25.08	264	212177	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	184849	148.89	ng	0.00
7) Phenol-d6	7.27	99	247543	132.06	ng	0.00
23) Nitrobenzene-d5	9.29	82	194565	104.87	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	170958	158.63	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	493111	95.59	ng	0.00
78) Terphenyl-d14	20.10	244	951665	101.04	ng	0.00

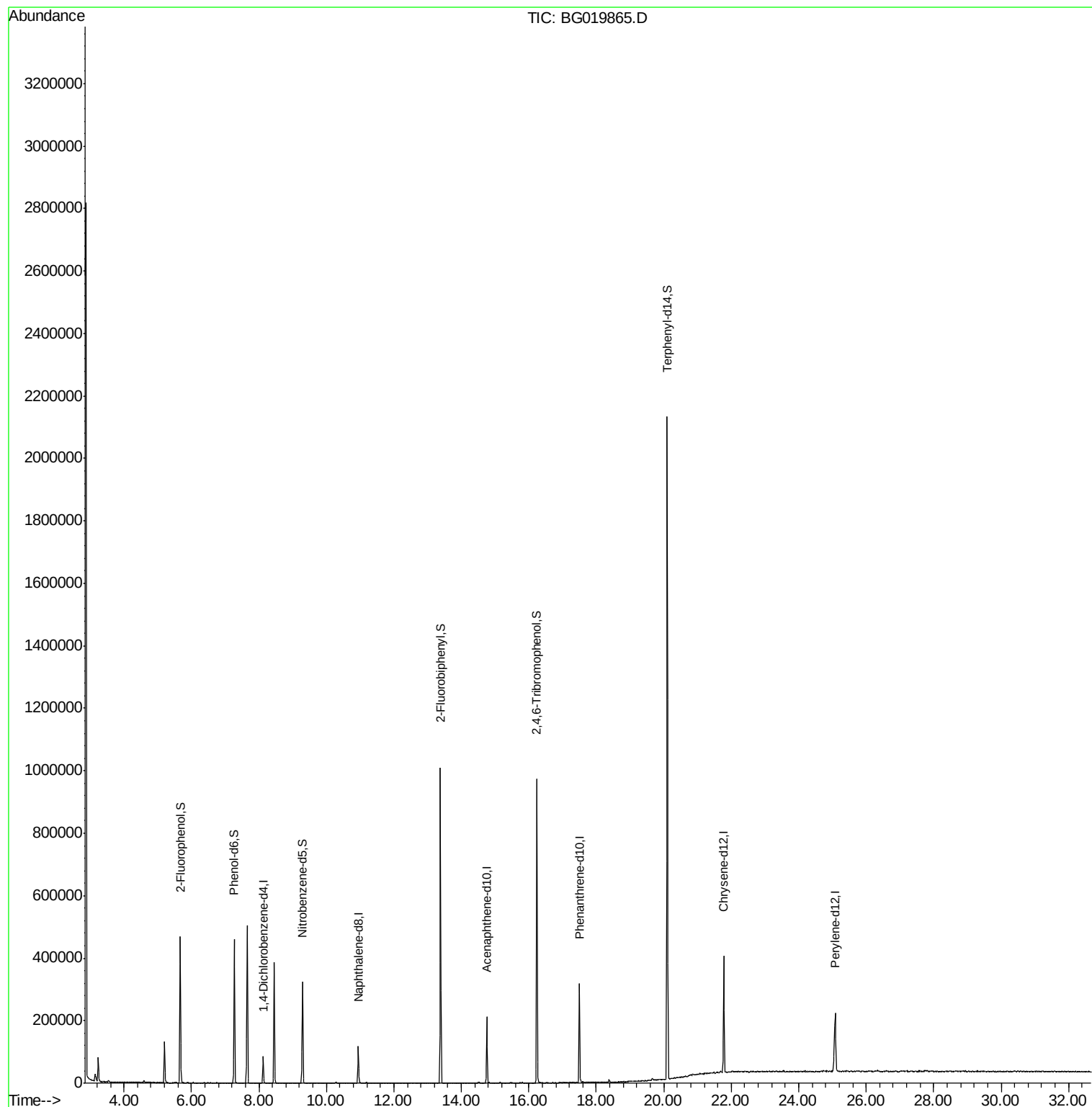
Target Compounds	Qvalue
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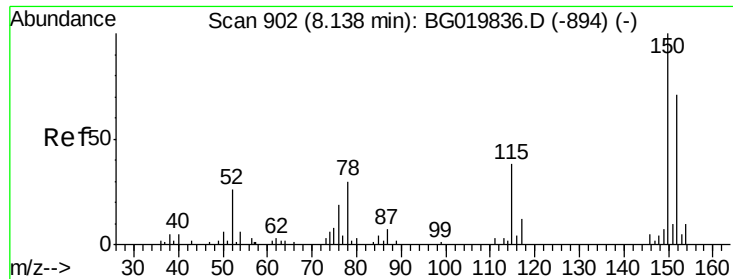
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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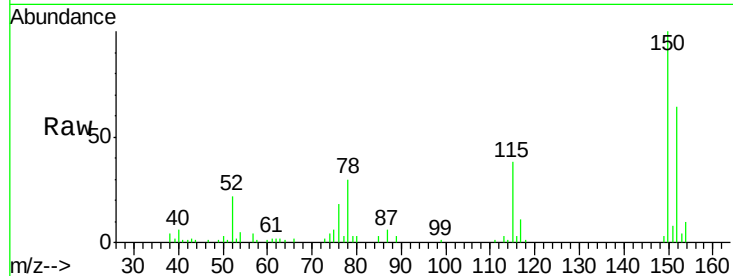




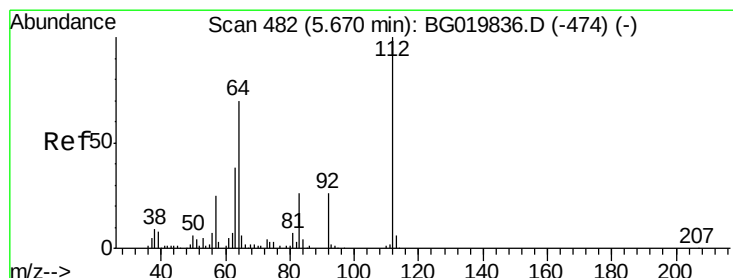
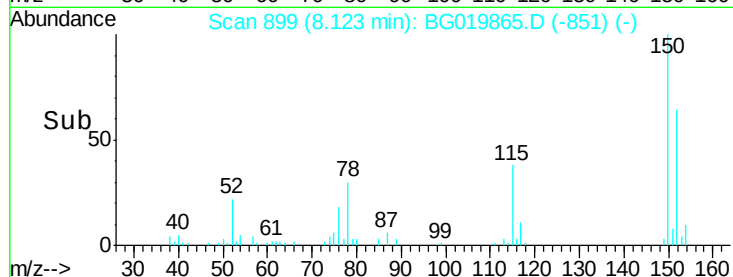
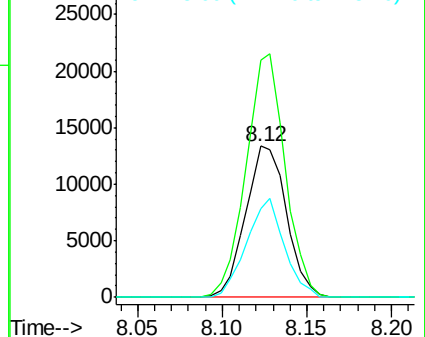
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.12 min Scan# 899
 Delta R.T. -0.02 min
 Lab File: BG019865.D
 Acq: 3 Dec 2015 11:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-05(0-6)

Tgt Ion:152 Resp: 22438
 Ion Ratio Lower Upper
 152 100
 150 157.0 115.0 172.4
 115 59.0 43.9 65.9

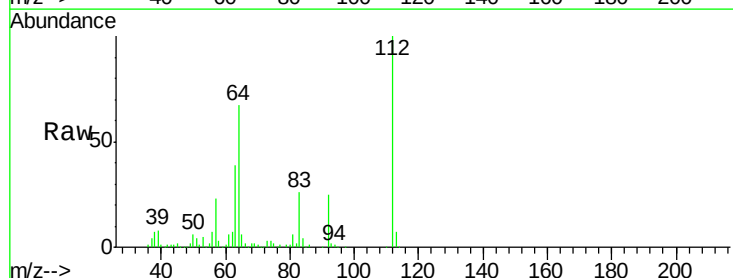


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

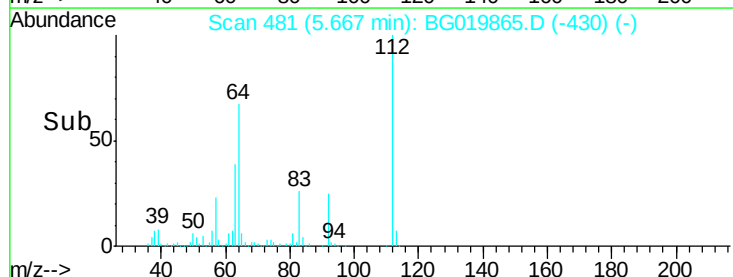
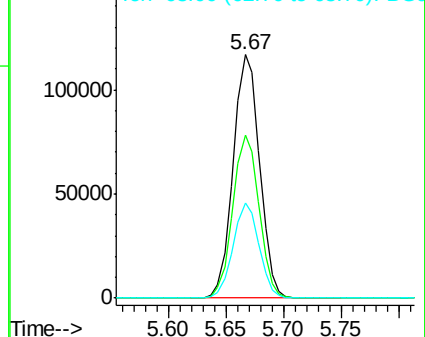


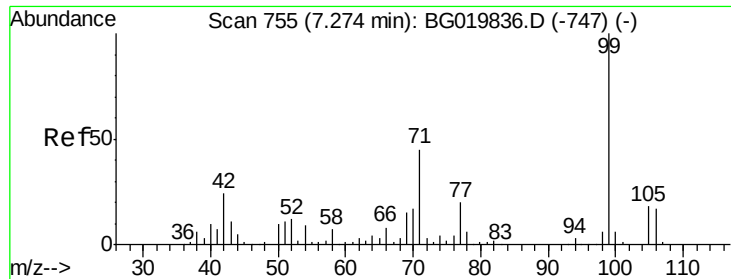
#5
 2-Fluorophenol
 Concen: 148.89 ng
 RT: 5.67 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BG019865.D
 Acq: 3 Dec 2015 11:30

Tgt Ion:112 Resp: 184849
 Ion Ratio Lower Upper
 112 100
 64 66.8 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): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.06 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG019865.D

Acq: 3 Dec 2015 11:30

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-05(0-6)

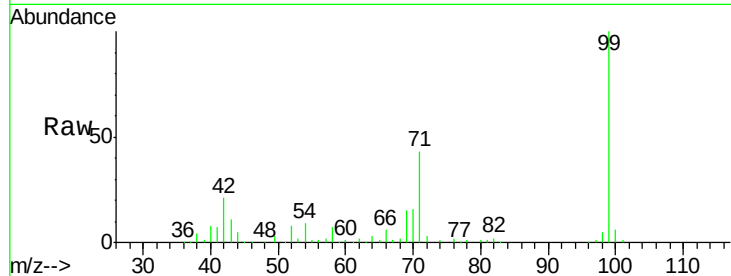
Tgt Ion: 99 Resp: 247543

Ion Ratio Lower Upper

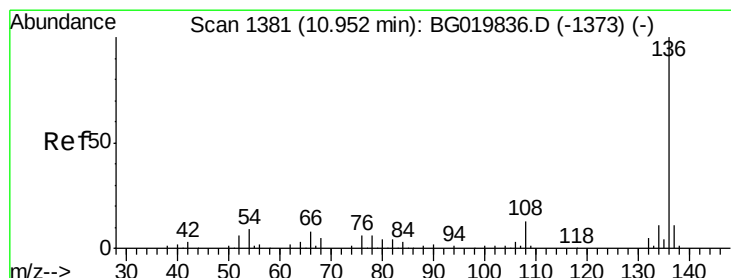
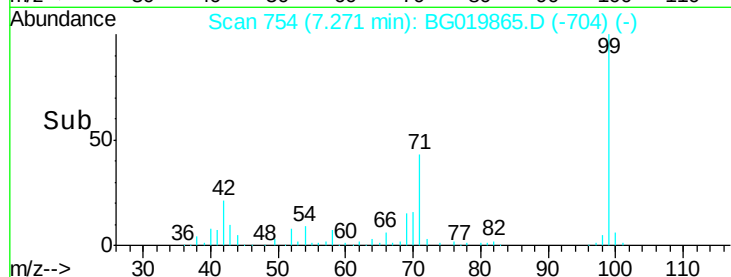
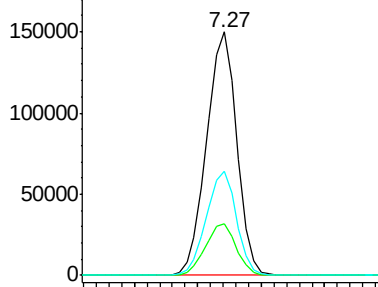
99 100

42 21.2 11.5 17.3#

71 42.7 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: BG019865.D

Acq: 3 Dec 2015 11:30

Tgt Ion: 136 Resp: 94690

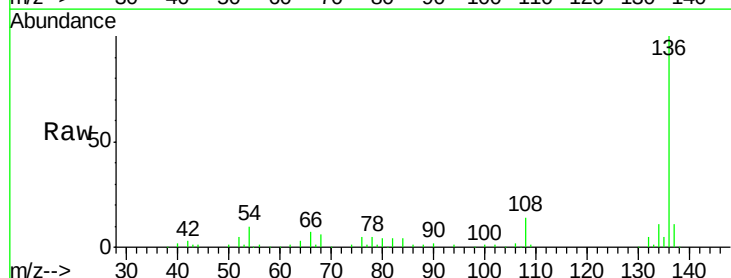
Ion Ratio Lower Upper

136 100

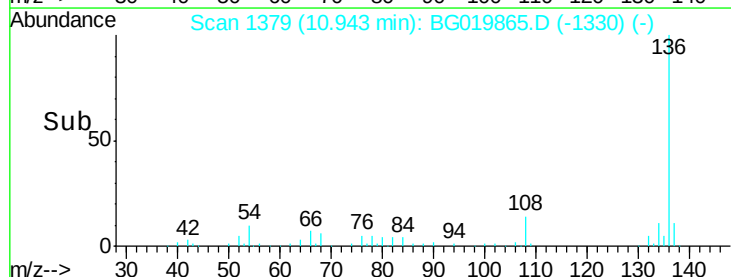
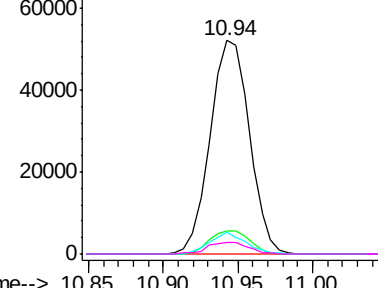
137 10.9 8.6 12.8

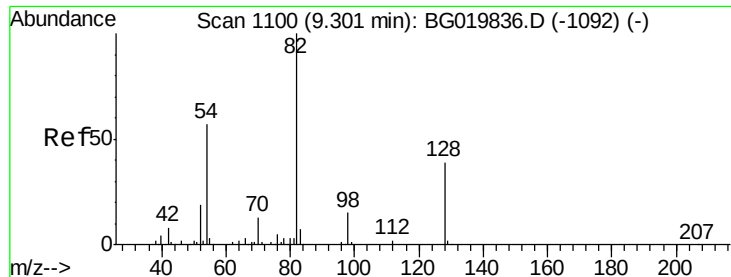
54 9.9 5.4 8.2#

68 5.6 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

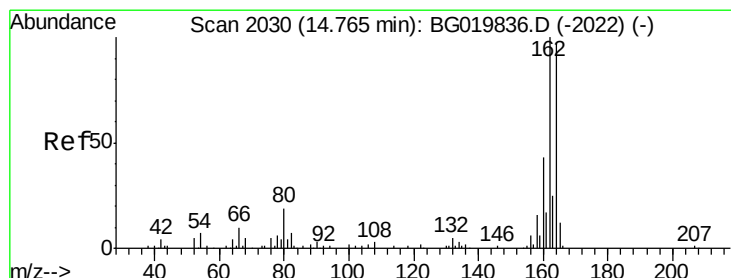
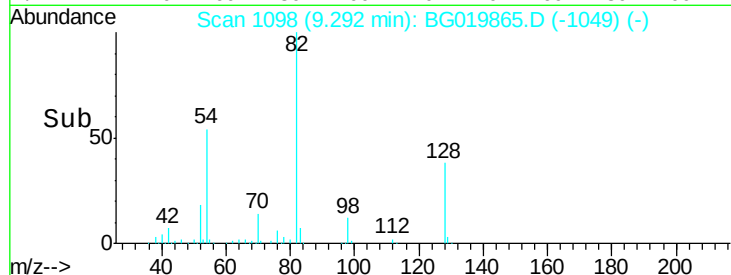
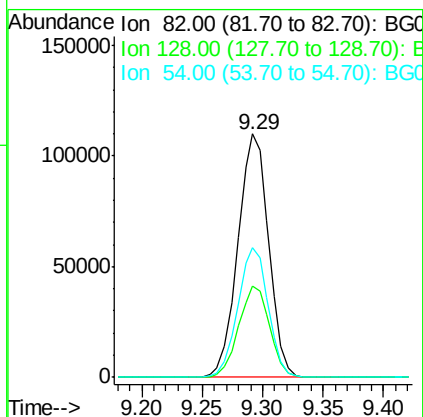
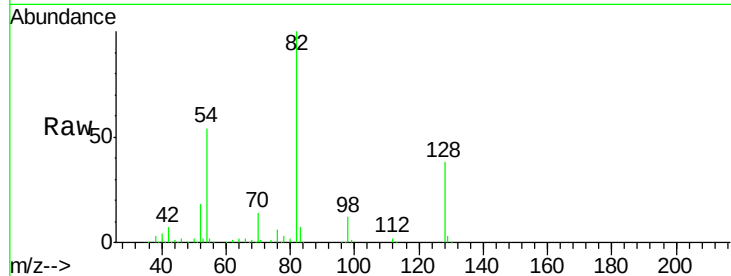




#23
 Nitrobenzene-d5
 Concen: 104.87 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019865.D
 Acq: 3 Dec 2015 11:30

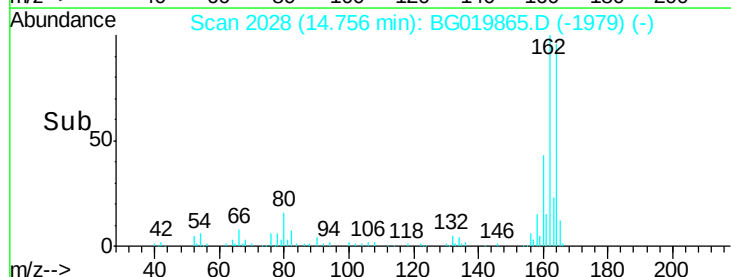
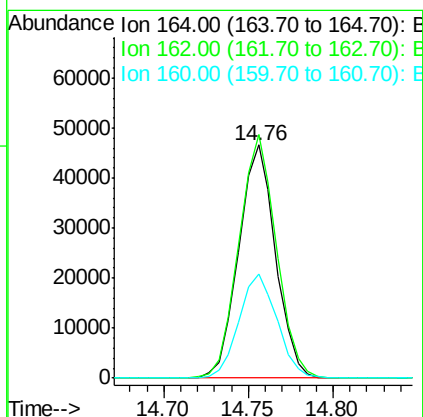
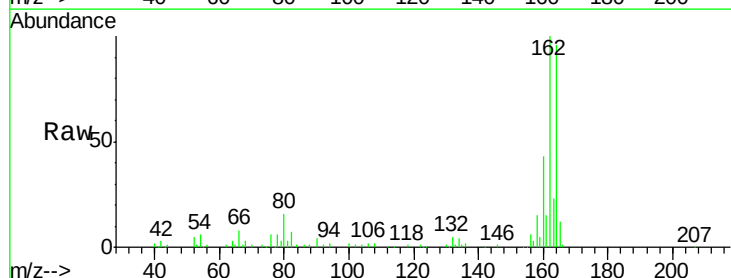
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-05(0-6)

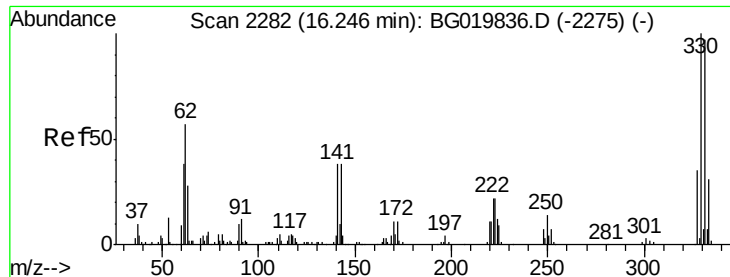
Tgt Ion: 82 Resp: 194565
 Ion Ratio Lower Upper
 82 100
 128 37.7 36.7 55.1
 54 53.5 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG019865.D
 Acq: 3 Dec 2015 11:30

Tgt Ion: 164 Resp: 70437
 Ion Ratio Lower Upper
 164 100
 162 104.5 78.8 118.2
 160 44.9 36.4 54.6

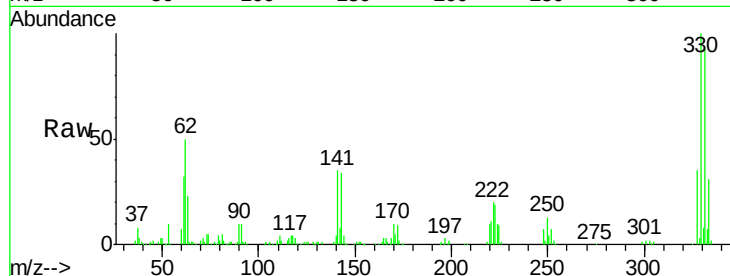




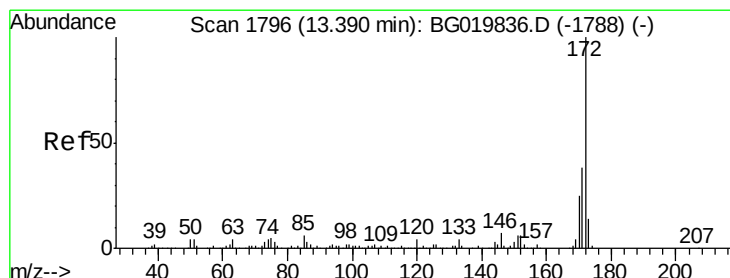
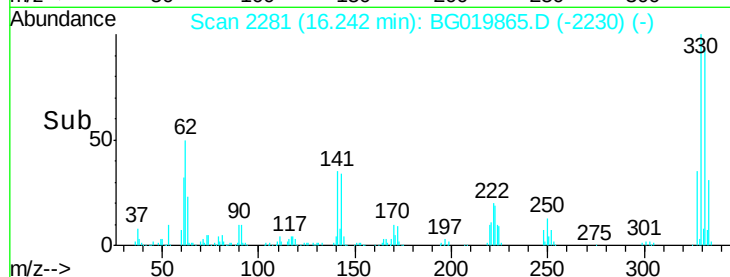
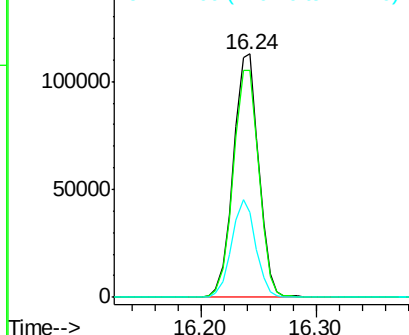
#41
 2,4,6-Tribromophenol
 Concen: 158.63 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG019865.D
 Acq: 3 Dec 2015 11:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-05(0-6)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.1	117.1
141	38.2	28.2	42.2

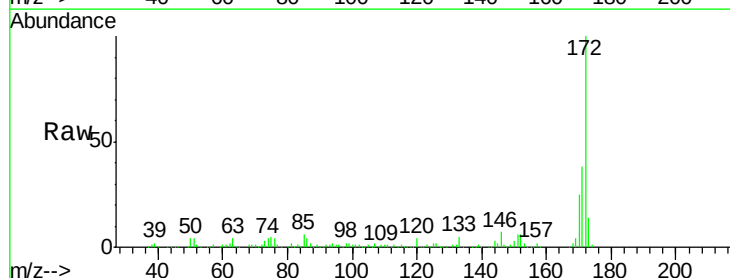


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

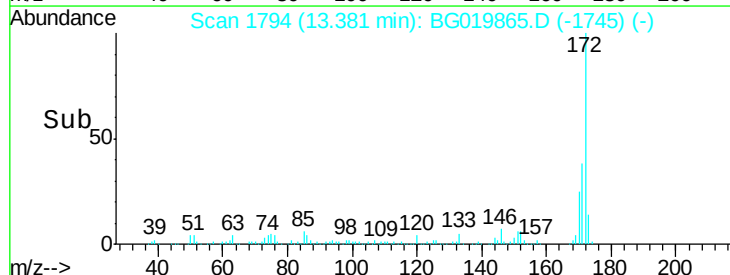
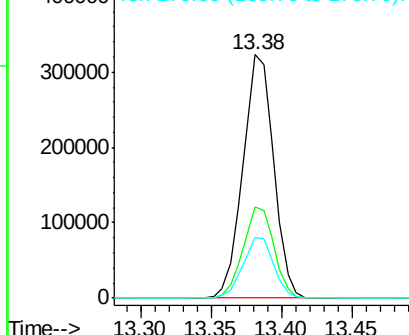


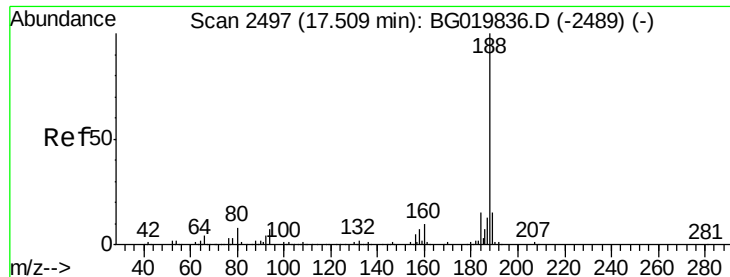
#44
 2-Fluorobiphenyl
 Concen: 95.59 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019865.D
 Acq: 3 Dec 2015 11:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.6
170	25.1	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

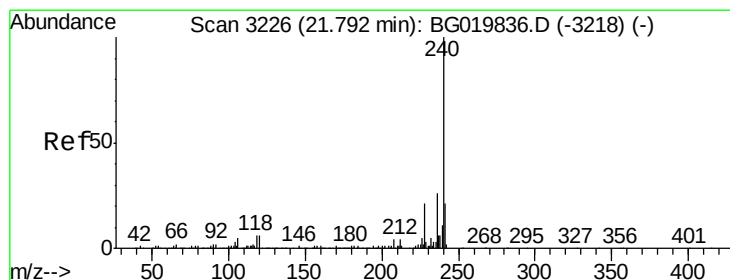
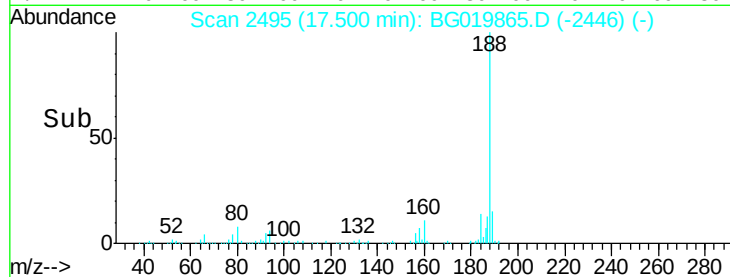
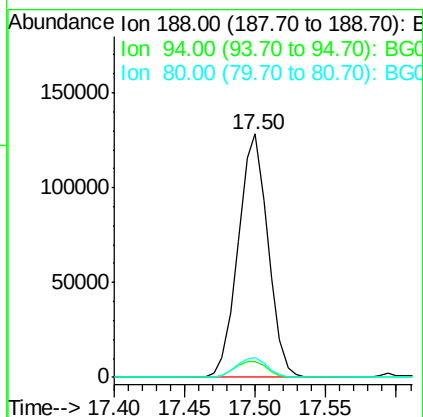
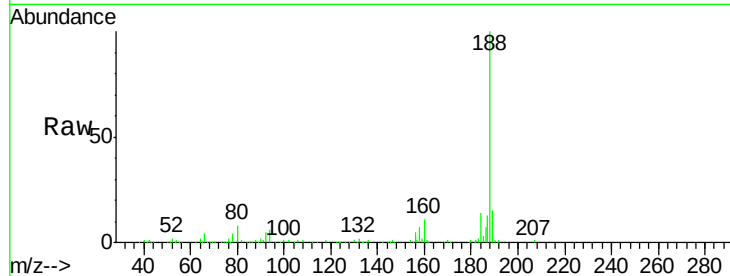




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019865.D
Acq: 3 Dec 2015 11:30

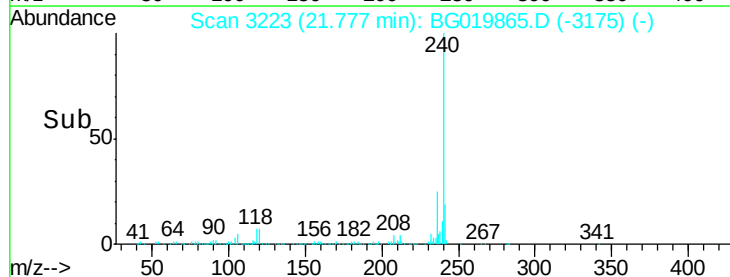
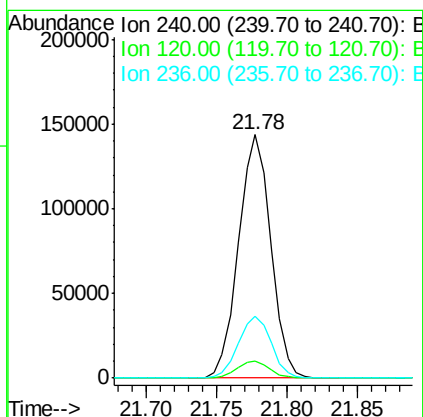
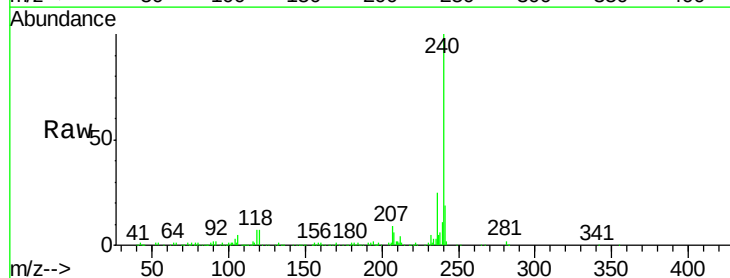
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-05(0-6)

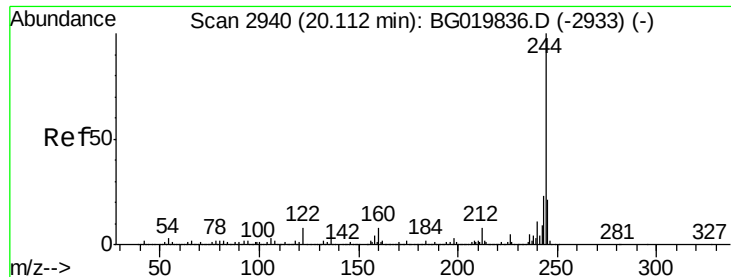
Tgt Ion:188 Resp: 188502
Ion Ratio Lower Upper
188 100
94 6.3 7.7 11.5#
80 8.3 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG019865.D
Acq: 3 Dec 2015 11:30

Tgt Ion:240 Resp: 229737
Ion Ratio Lower Upper
240 100
120 7.0 7.4 11.0#
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 101.04 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG019865.D

Acq: 3 Dec 2015 11:30

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-05(0-6)

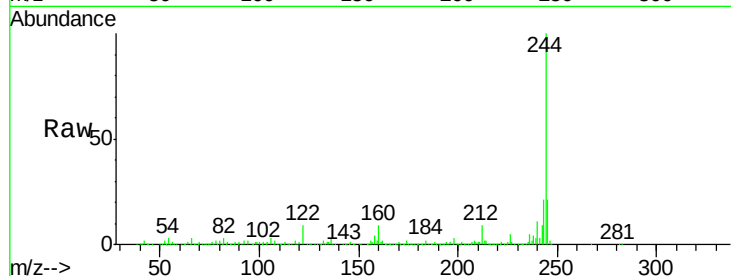
Tgt Ion:244 Resp: 951665

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

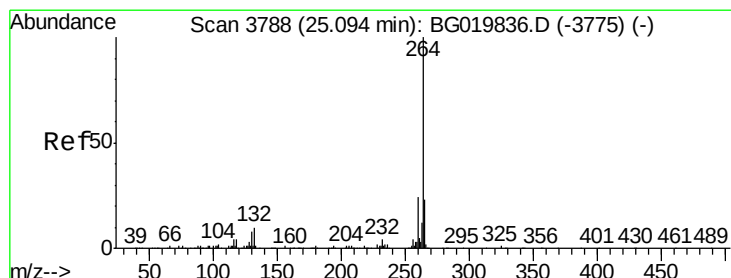
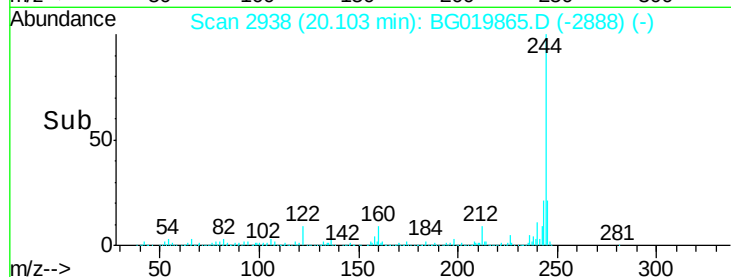
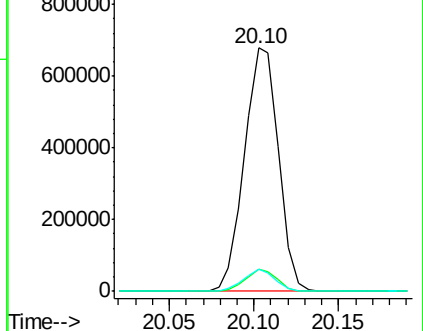
122 8.9 10.2 15.2#



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: 25.08 min Scan# 3785

Delta R.T. -0.02 min

Lab File: BG019865.D

Acq: 3 Dec 2015 11:30

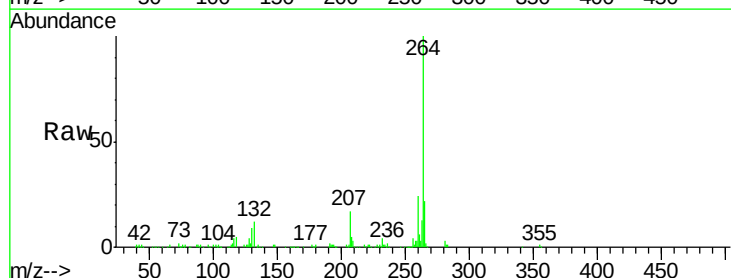
Tgt Ion:264 Resp: 212177

Ion Ratio Lower Upper

264 100

260 23.8 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

