

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019845.D
 Acq On : 2 Dec 2015 21:56
 Operator : UM/NP
 Sample : G4585-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-14(0-8)

Quant Time: Dec 03 00:12:54 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	18019	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	74291	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	51967	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	162476	20.00	ng	0.00
75) Chrysene-d12	21.78	240	212498	20.00	ng	0.00
86) Perylene-d12	25.09	264	194136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	132809	133.21	ng	0.00
7) Phenol-d6	7.27	99	182790	121.43	ng	0.00
23) Nitrobenzene-d5	9.30	82	140232	96.33	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	127422	160.25	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	350372	92.06	ng	0.00
78) Terphenyl-d14	20.11	244	828642	95.12	ng	0.00

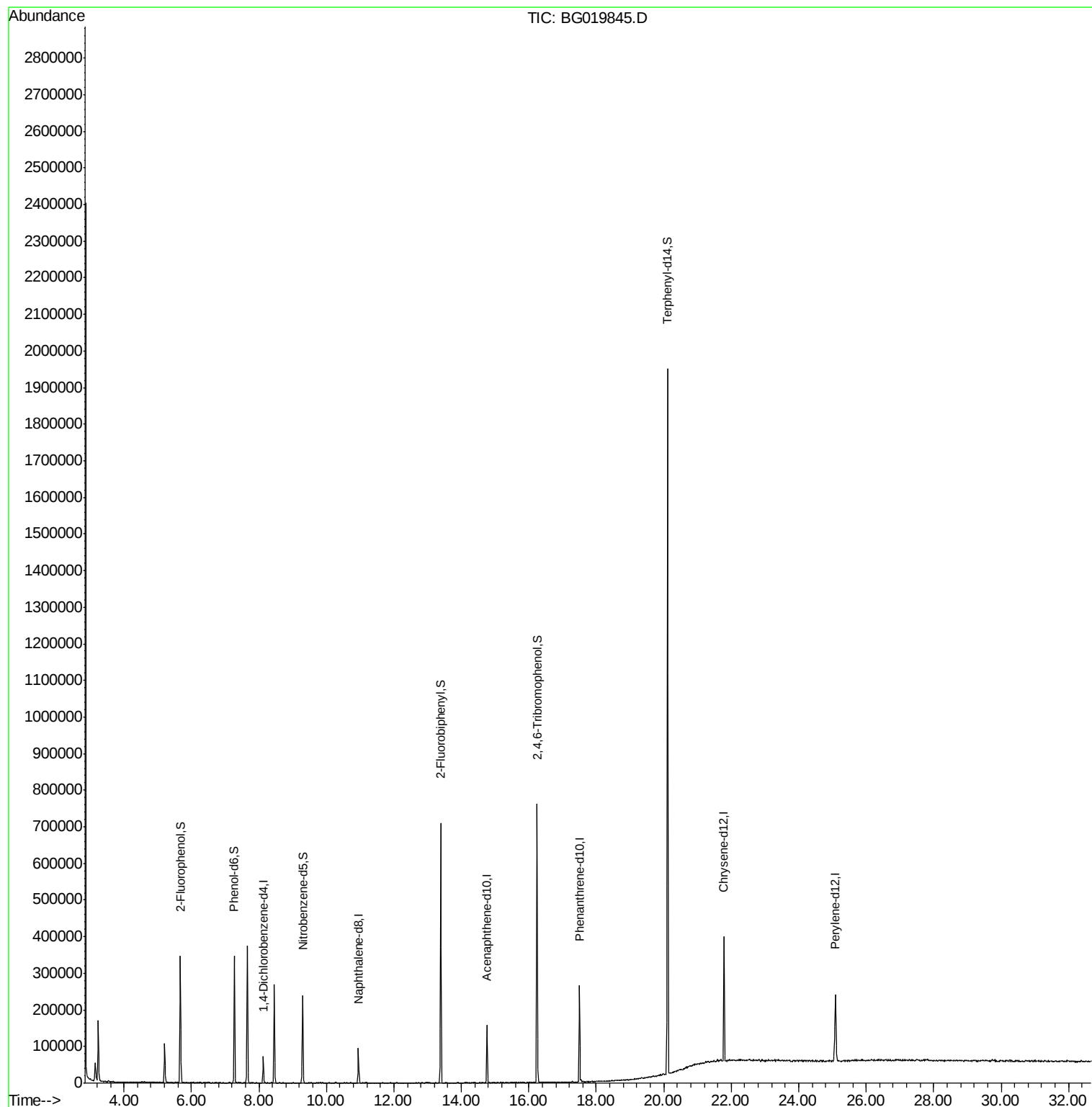
Target Compounds	Qvalue
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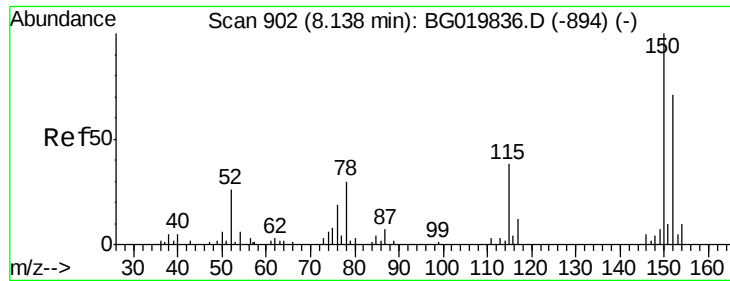
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 18:50:01 2015
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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: BG019845.D

Acq: 2 Dec 2015 21:56

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-14(0-8)

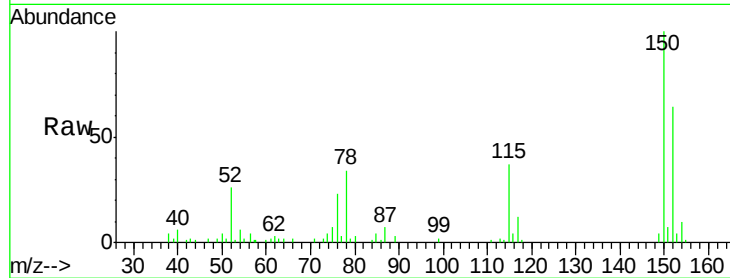
Tgt Ion:152 Resp: 18019

Ion Ratio Lower Upper

152 100

150 155.4 115.0 172.4

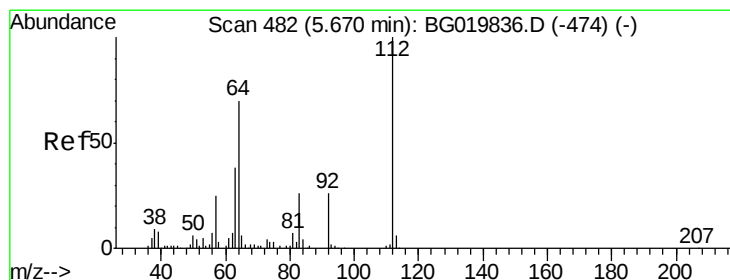
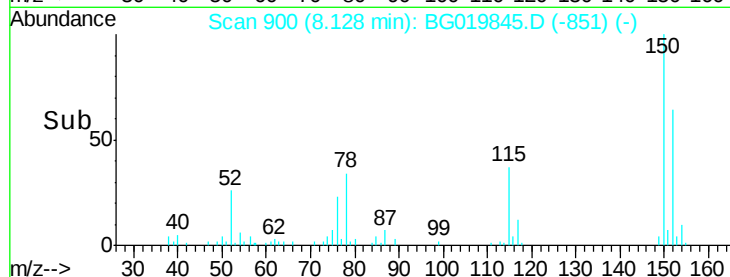
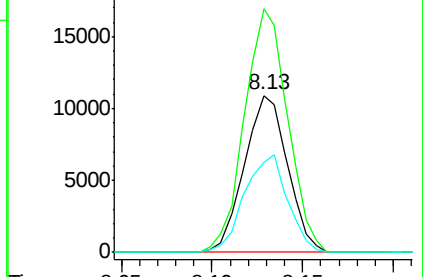
115 57.6 43.9 65.9



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: 133.21 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG019845.D

Acq: 2 Dec 2015 21:56

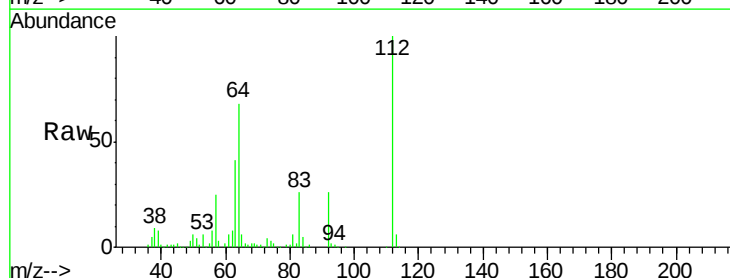
Tgt Ion:112 Resp: 132809

Ion Ratio Lower Upper

112 100

64 67.7 43.7 65.5#

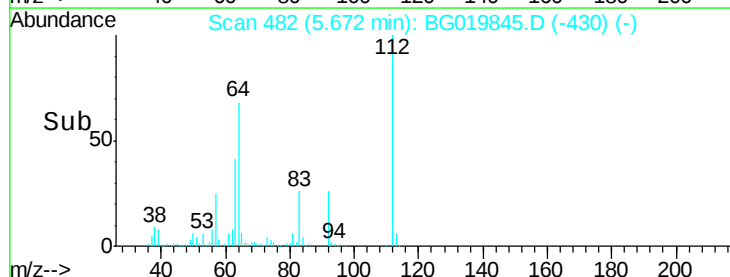
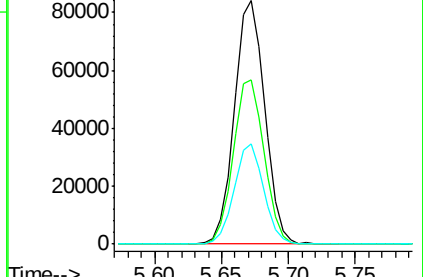
63 41.2 24.0 36.0#

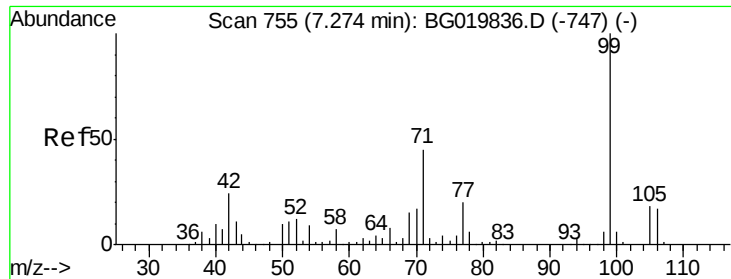


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.43 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG019845.D

Acq: 2 Dec 2015 21:56

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-14(0-8)

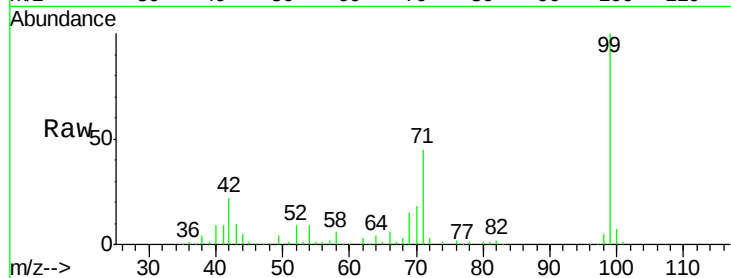
Tgt Ion: 99 Resp: 182790

Ion Ratio Lower Upper

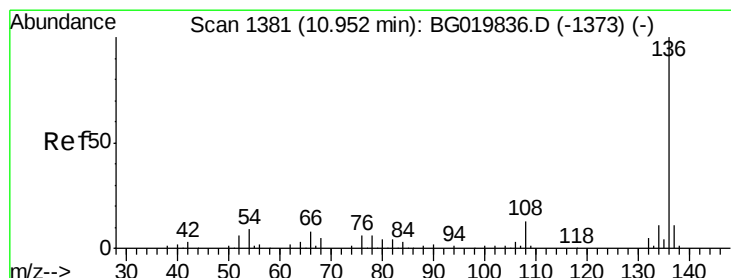
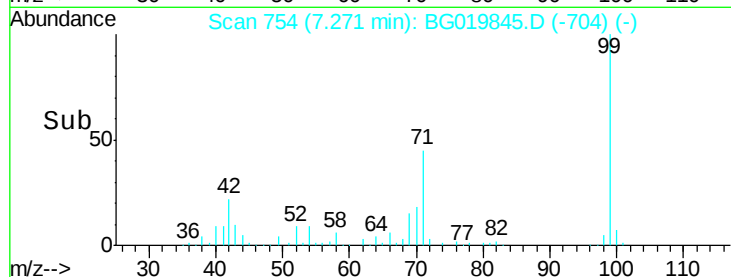
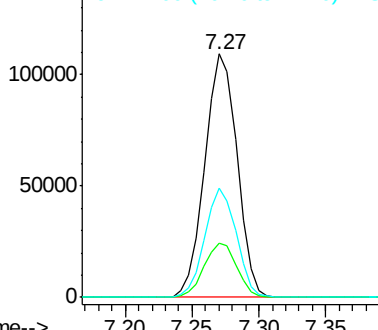
99 100

42 22.4 11.5 17.3#

71 44.6 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: 10.95 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BG019845.D

Acq: 2 Dec 2015 21:56

Tgt Ion: 136 Resp: 74291

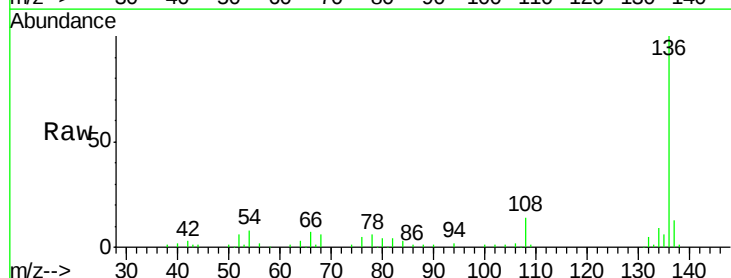
Ion Ratio Lower Upper

136 100

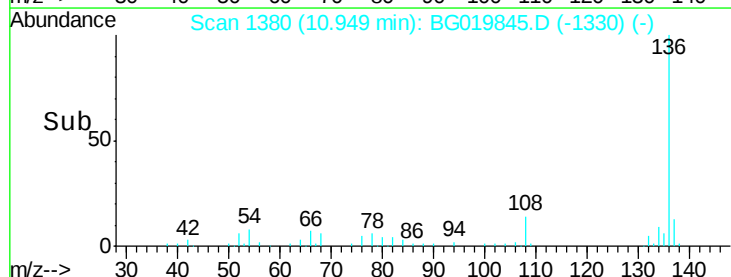
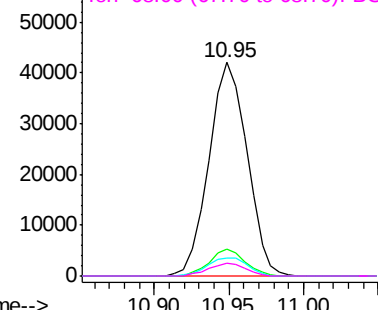
137 12.7 8.6 12.8

54 8.3 5.4 8.2#

68 6.0 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

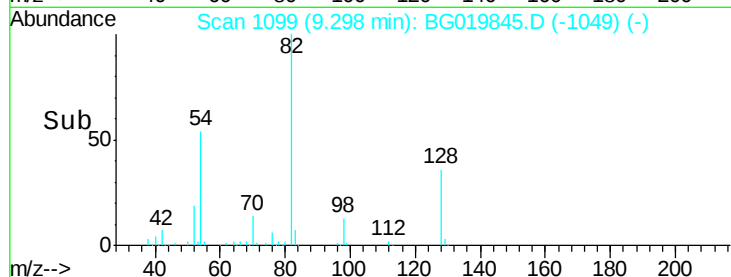
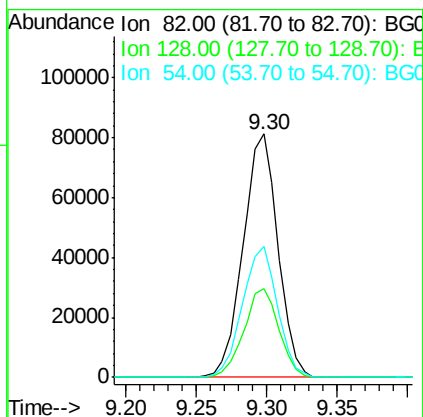
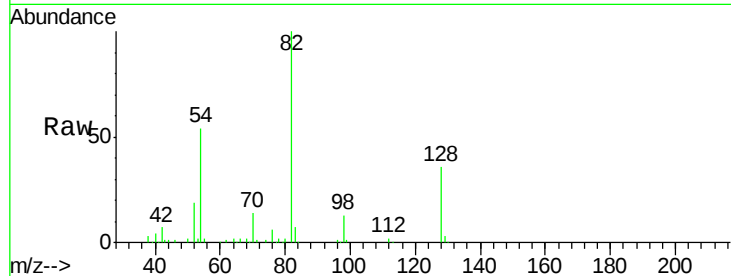




#23
 Nitrobenzene-d5
 Concen: 96.33 ng
 RT: 9.30 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG019845.D
 Acq: 2 Dec 2015 21:56

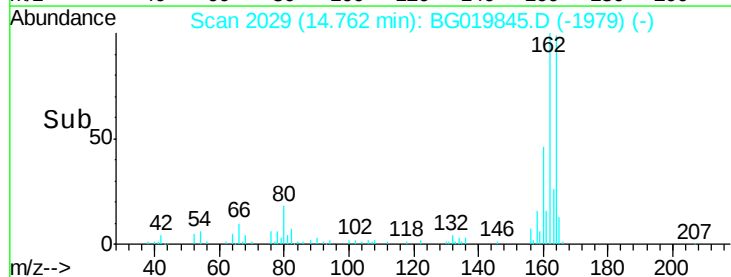
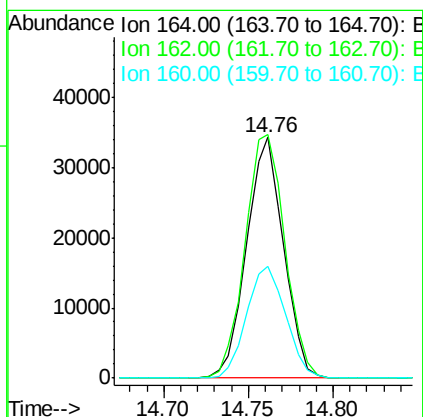
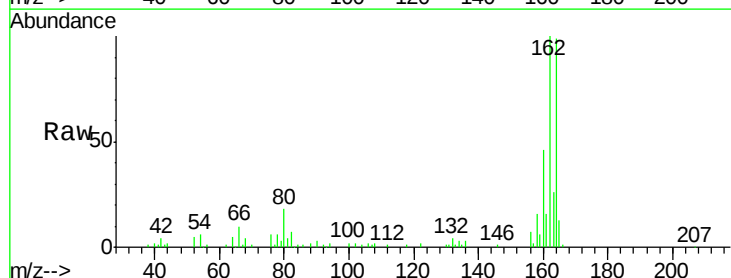
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-14(0-8)

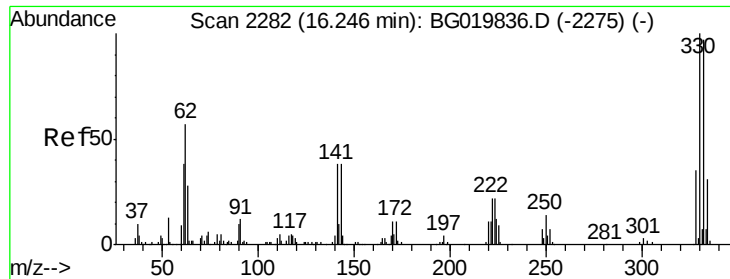
Tgt Ion: 82 Resp: 140232
 Ion Ratio Lower Upper
 82 100
 128 36.3 36.7 55.1#
 54 53.9 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG019845.D
 Acq: 2 Dec 2015 21:56

Tgt Ion: 164 Resp: 51967
 Ion Ratio Lower Upper
 164 100
 162 101.1 78.8 118.2
 160 46.2 36.4 54.6

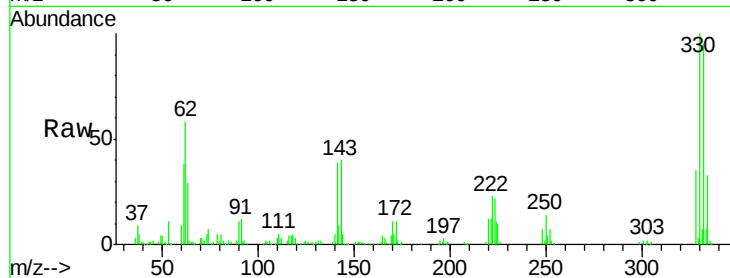




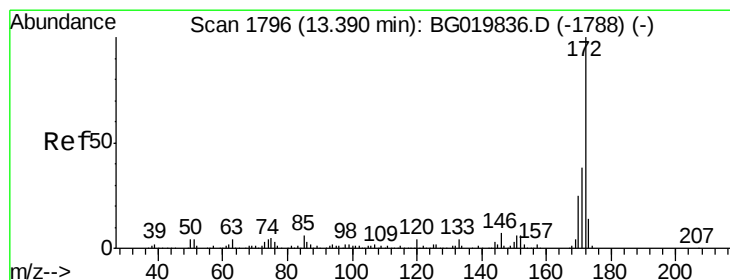
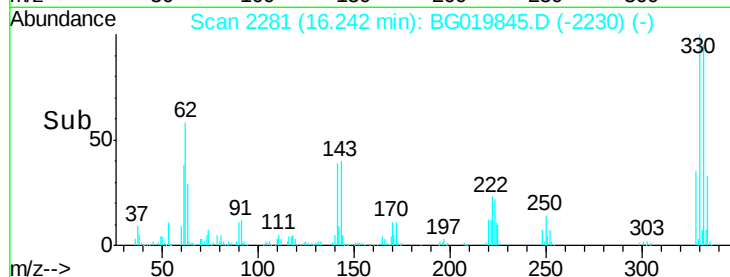
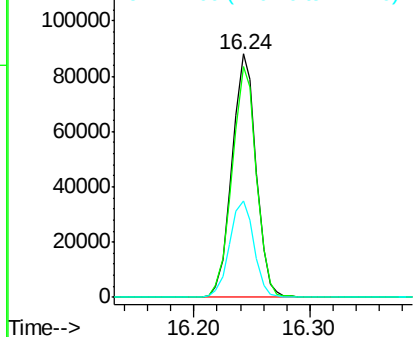
#41
 2,4,6-Tribromophenol
 Concen: 160.25 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG019845.D
 Acq: 2 Dec 2015 21:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-14(0-8)

Tgt Ion:330 Resp: 127422
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.1 117.1
 141 40.1 28.2 42.2

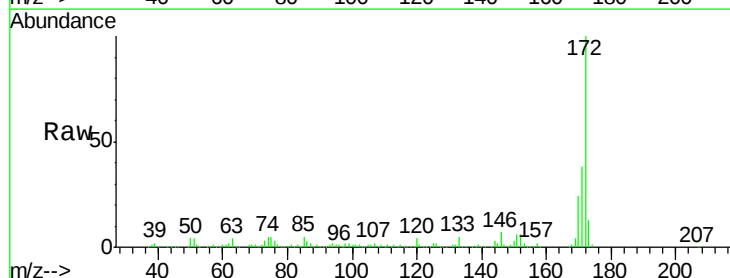


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

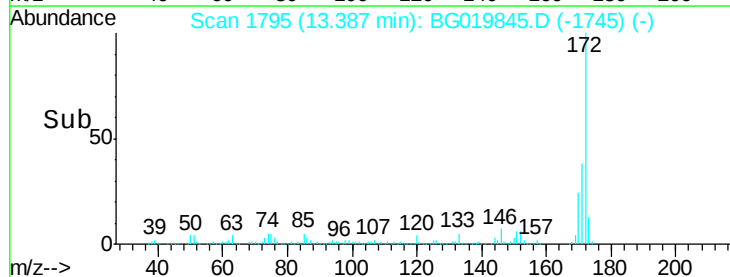
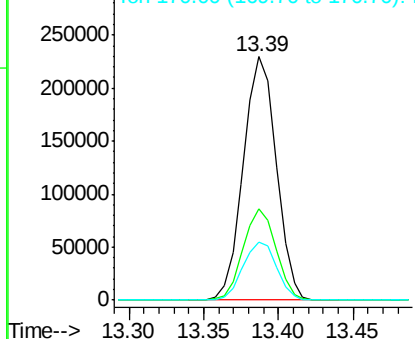


#44
 2-Fluorobiphenyl
 Concen: 92.06 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG019845.D
 Acq: 2 Dec 2015 21:56

Tgt Ion:172 Resp: 350372
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.0 43.6
 170 23.7 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

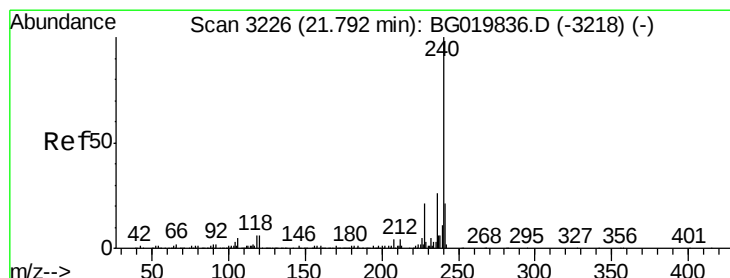
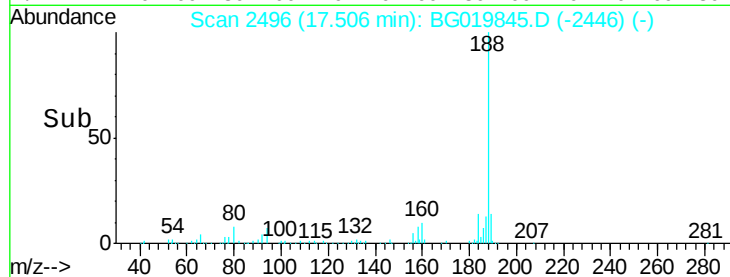
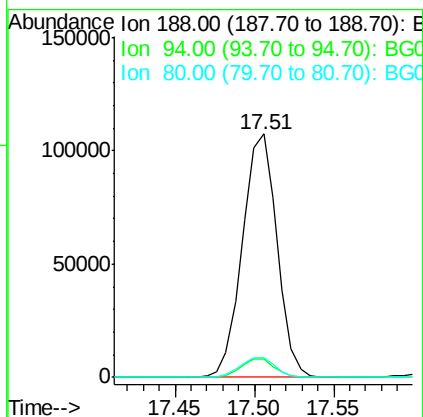
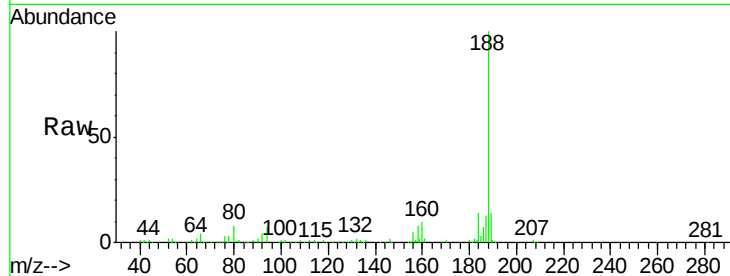




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BG019845.D
Acq: 2 Dec 2015 21:56

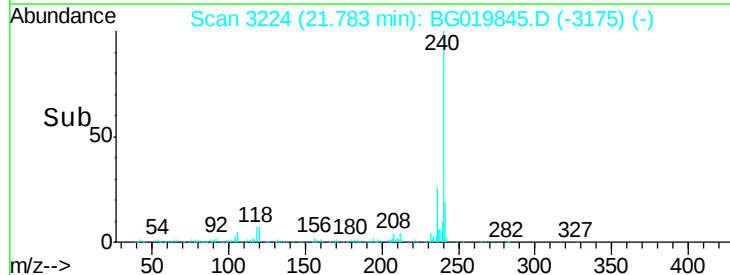
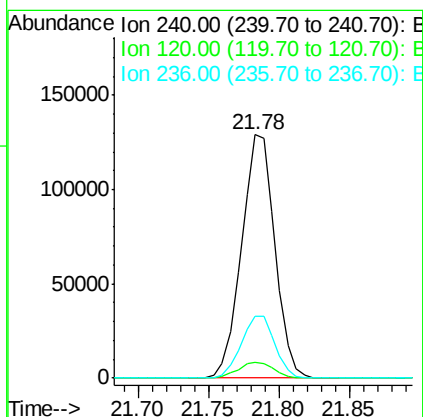
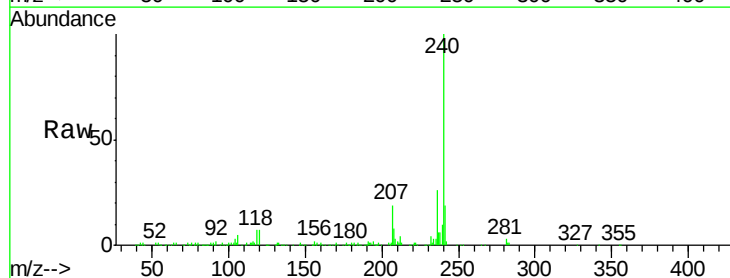
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-14(0-8)

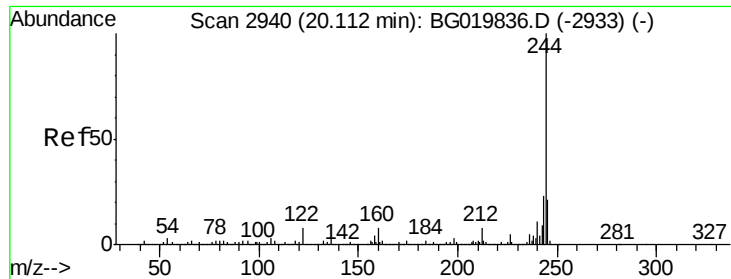
Tgt Ion:188 Resp: 162476
Ion Ratio Lower Upper
188 100
94 7.4 7.7 11.5#
80 8.1 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG019845.D
Acq: 2 Dec 2015 21:56

Tgt Ion:240 Resp: 212498
Ion Ratio Lower Upper
240 100
120 6.7 7.4 11.0#
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 95.12 ng

RT: 20.11 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG019845.D

Acq: 2 Dec 2015 21:56

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-14(0-8)

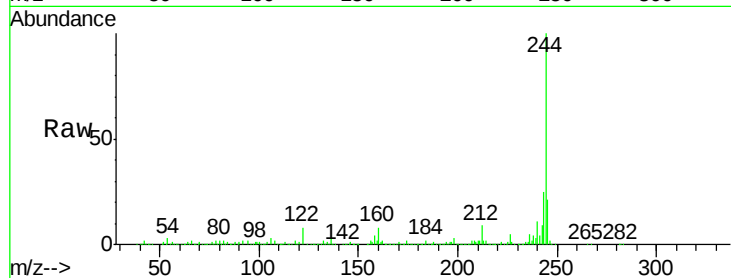
Tgt Ion:244 Resp: 828642

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

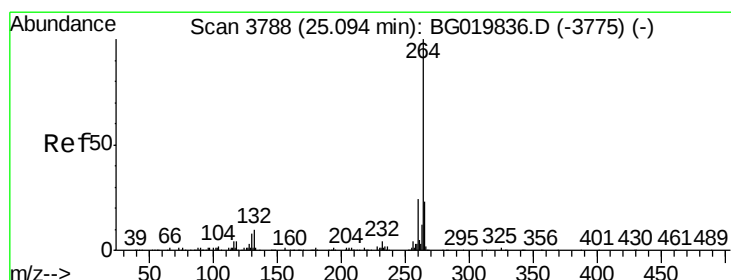
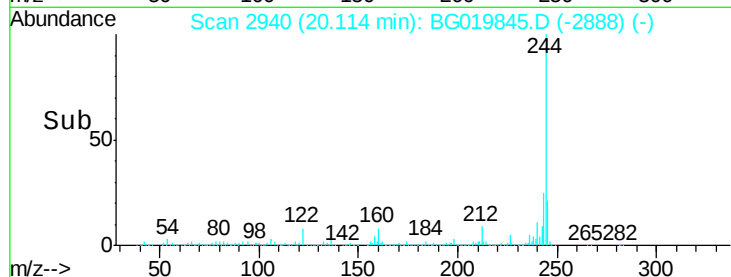
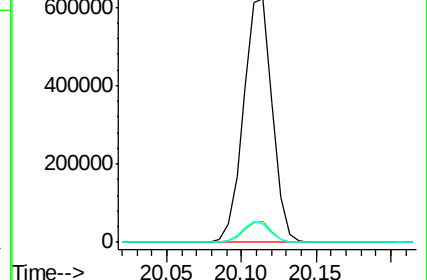
122 7.6 10.2 15.2#



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: 25.09 min Scan# 3787

Delta R.T. -0.00 min

Lab File: BG019845.D

Acq: 2 Dec 2015 21:56

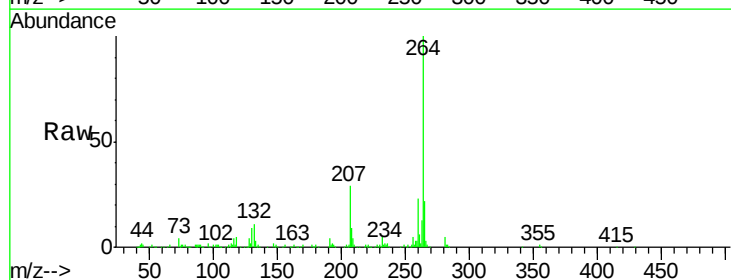
Tgt Ion:264 Resp: 194136

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.3 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

