

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019110.D
 Acq On : 10 Oct 2015 10:29
 Operator : UM/NP
 Sample : PB85978BL
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BL

Quant Time: Oct 12 05:58:15 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18320	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	77698	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	54814	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	149883	20.00	ng	0.00
75) Chrysene-d12	21.67	240	193284	20.00	ng	-0.01
86) Perylene-d12	24.91	264	181580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	118224	131.39	ng	0.00
7) Phenol-d6	7.20	99	176073	127.38	ng	0.00
23) Nitrobenzene-d5	9.19	82	117327	83.44	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	93988	125.83	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	288189	80.84	ng	0.00
78) Terphenyl-d14	20.02	244	598699	81.82	ng	0.00

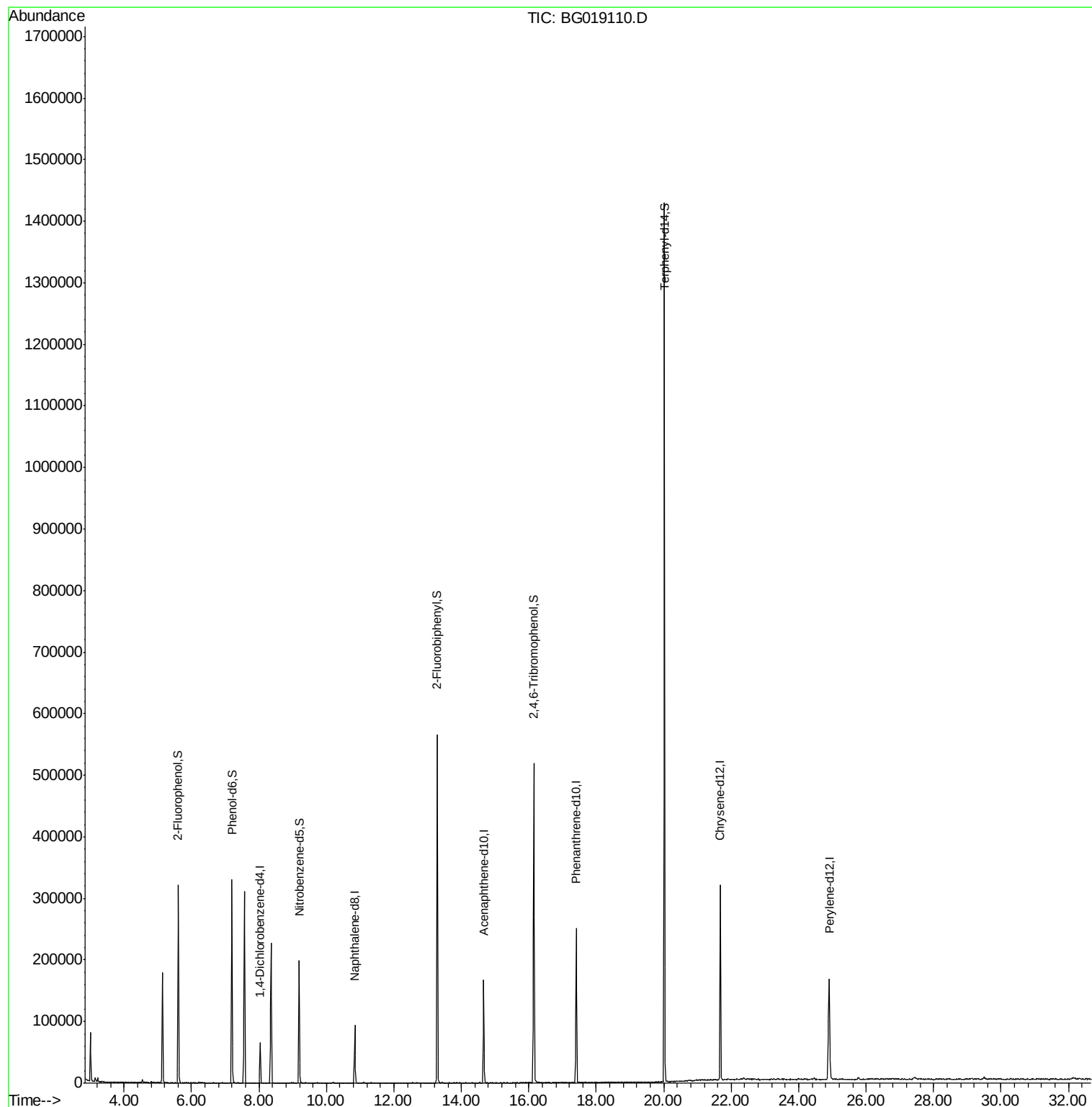
Target Compounds	Qvalue
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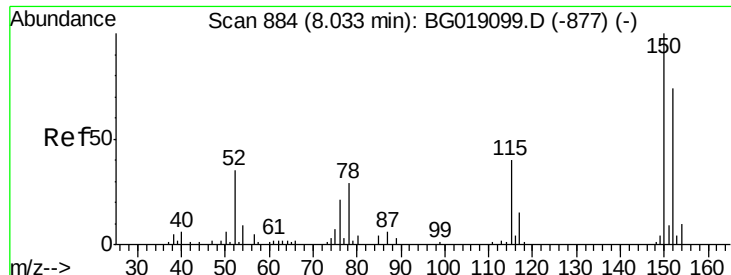
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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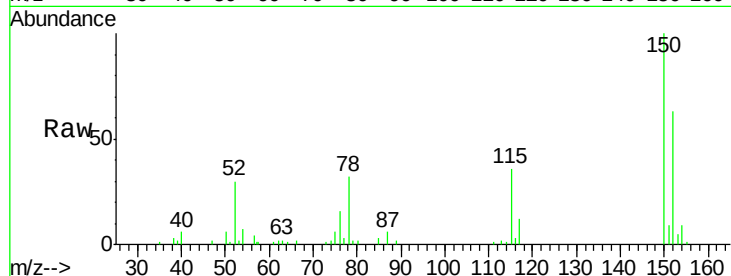




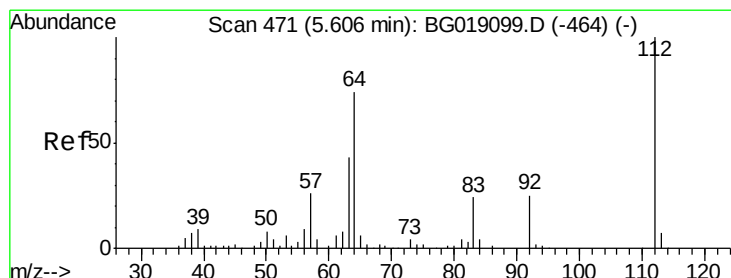
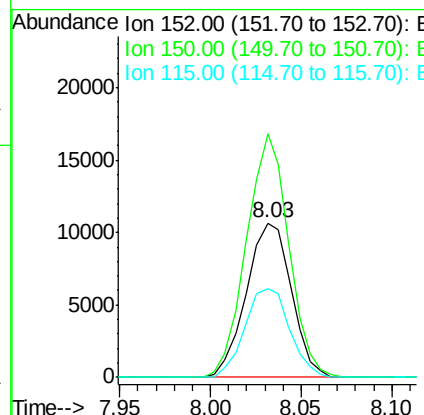
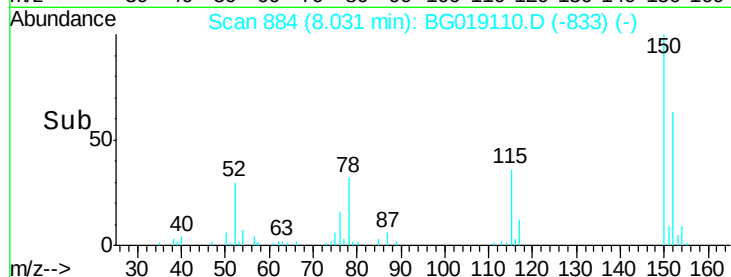
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG019110.D
 Acq: 10 Oct 2015 10:29

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BL

Tgt Ion:152 Resp: 18320
 Ion Ratio Lower Upper
 152 100
 150 158.0 108.2 162.2
 115 57.5 43.2 64.8

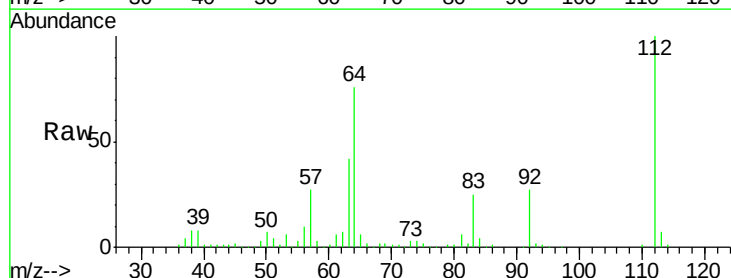


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

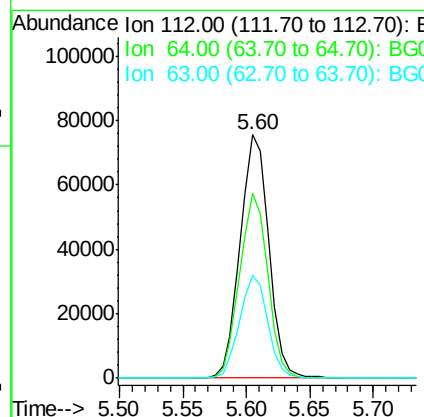
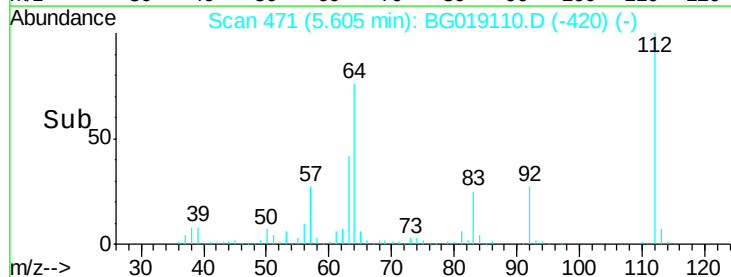


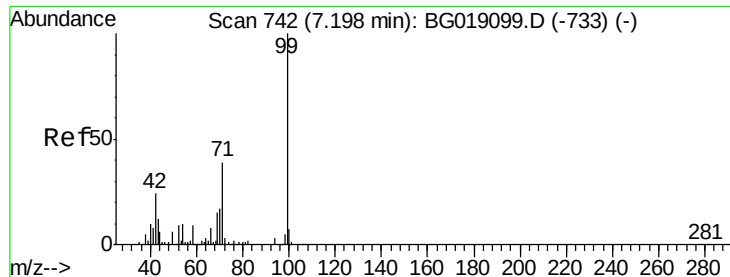
#5
 2-Fluorophenol
 Concen: 131.39 ng
 RT: 5.60 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BG019110.D
 Acq: 10 Oct 2015 10:29

Tgt Ion:112 Resp: 118224
 Ion Ratio Lower Upper
 112 100
 64 75.7 59.0 88.4
 63 42.3 34.7 52.1



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: 127.38 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019110.D

Acq: 10 Oct 2015 10:29

Instrument :

BNA_G

ClientSampleId :

PB85978BL

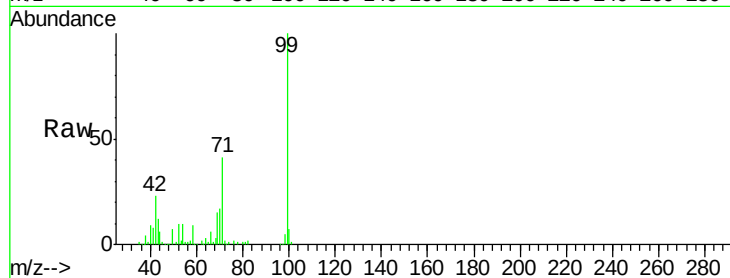
Tgt Ion: 99 Resp: 176073

Ion Ratio Lower Upper

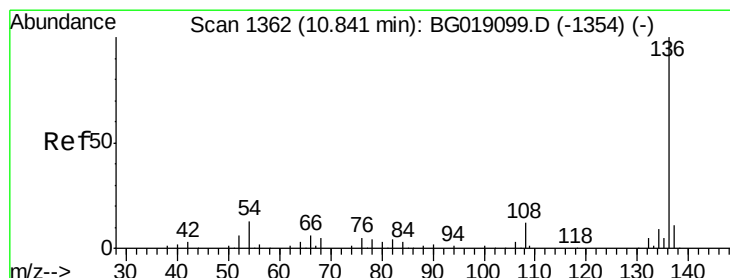
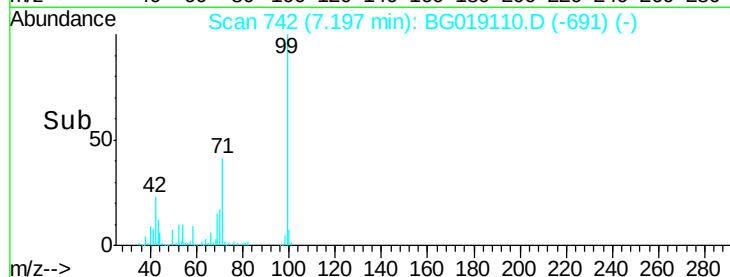
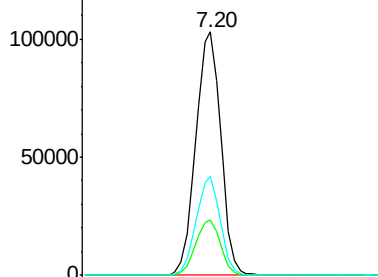
99 100

42 22.8 19.5 29.3

71 40.6 31.4 47.0



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: 10.84 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BG019110.D

Acq: 10 Oct 2015 10:29

Tgt Ion: 136 Resp: 77698

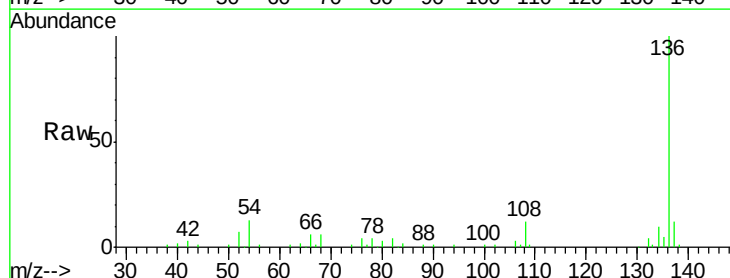
Ion Ratio Lower Upper

136 100

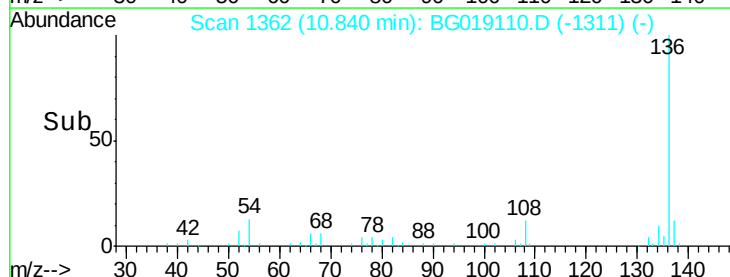
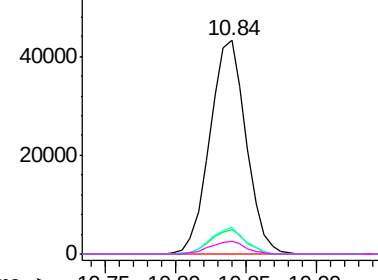
137 11.5 9.0 13.4

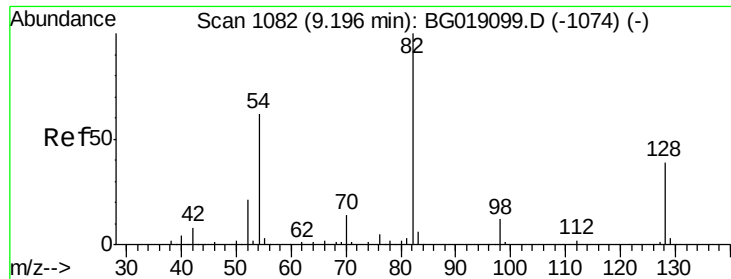
54 12.6 10.1 15.1

68 5.8 4.4 6.6



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

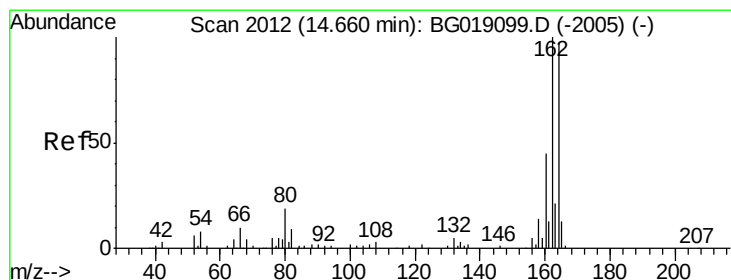
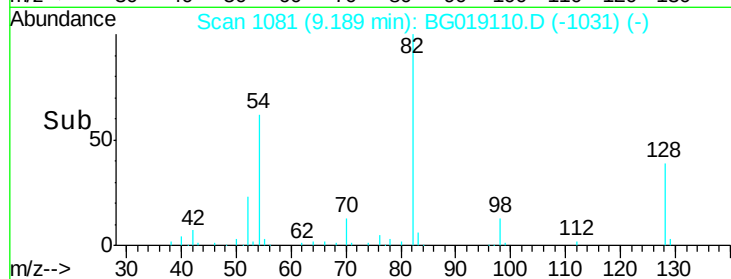
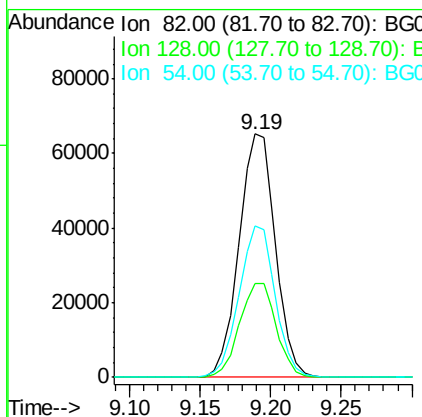
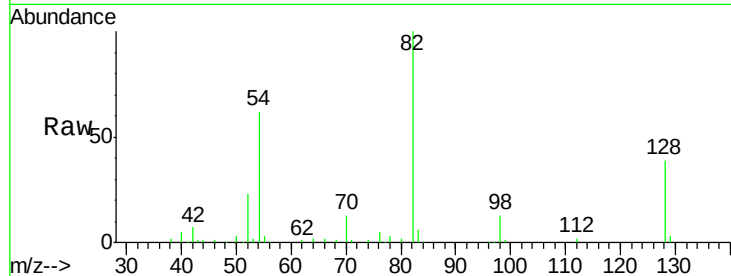




#23
 Nitrobenzene-d5
 Concen: 83.44 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BG019110.D
 Acq: 10 Oct 2015 10:29

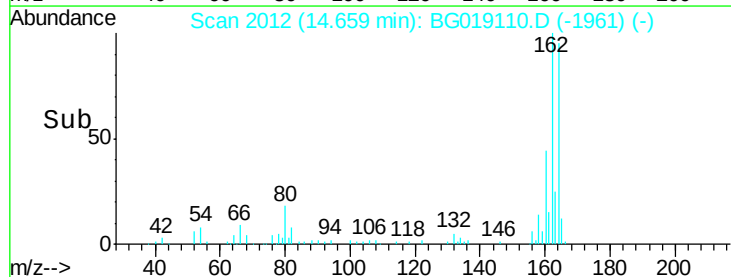
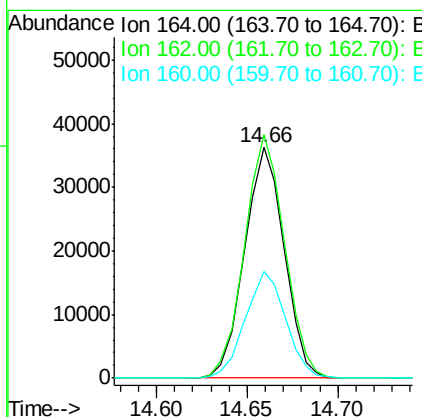
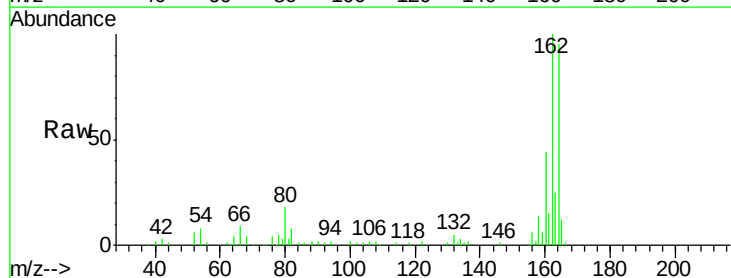
Instrument :
 BNA_G
 ClientSampleId :
 PB85978BL

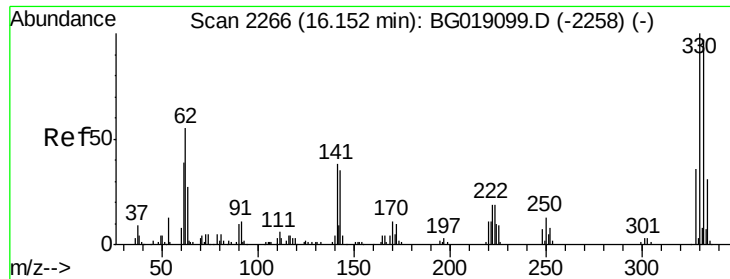
Tgt Ion: 82 Resp: 117327
 Ion Ratio Lower Upper
 82 100
 128 38.8 31.4 47.2
 54 62.4 50.0 75.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG019110.D
 Acq: 10 Oct 2015 10:29

Tgt Ion: 164 Resp: 54814
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.6 124.0
 160 46.5 36.9 55.3

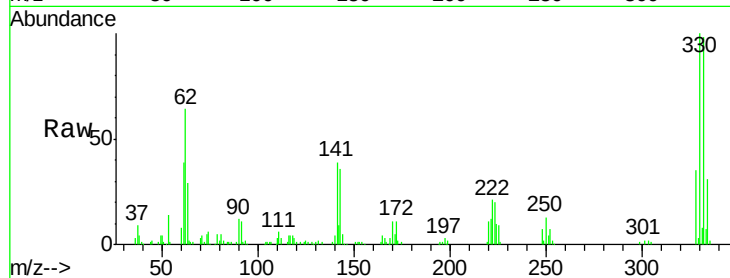




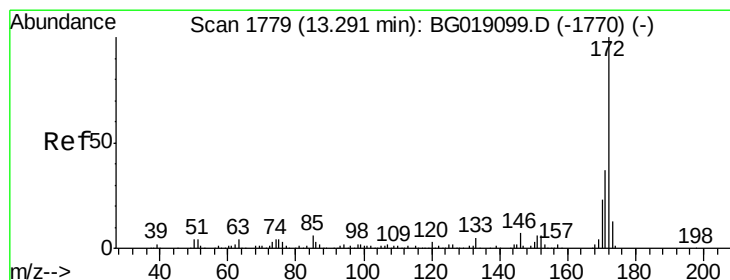
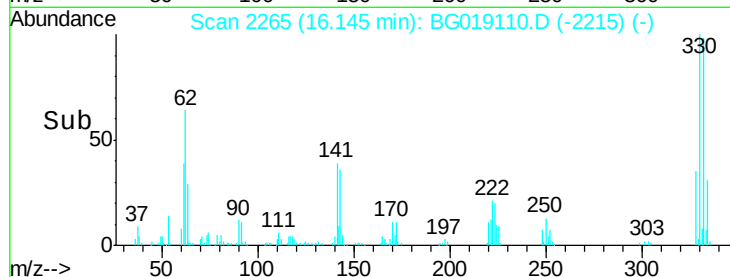
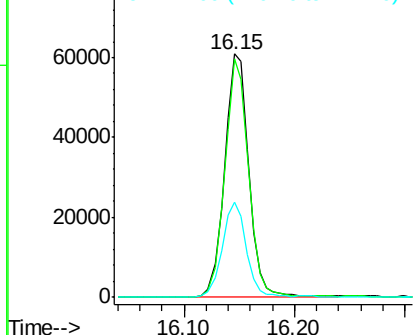
#41
 2,4,6-Tribromophenol
 Concen: 125.83 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG019110.D
 Acq: 10 Oct 2015 10:29

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BL

Tgt Ion:330 Resp: 93988
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 38.2 30.7 46.1

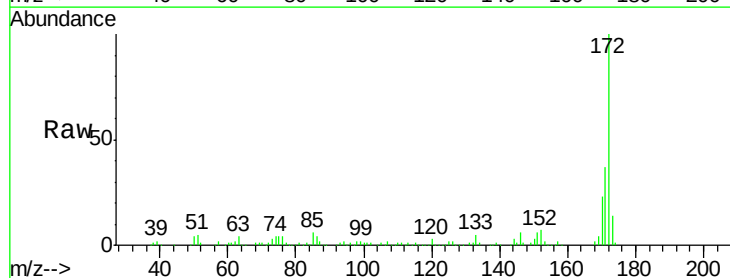


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

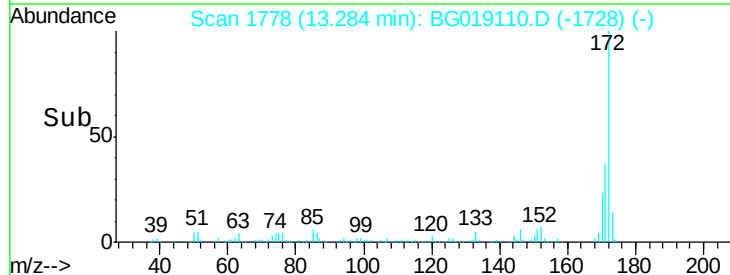
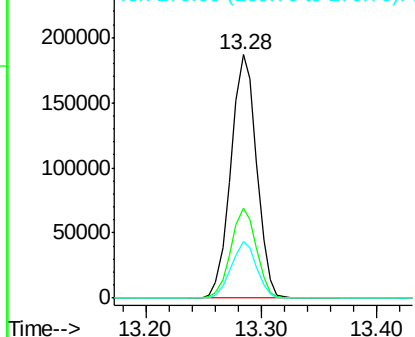


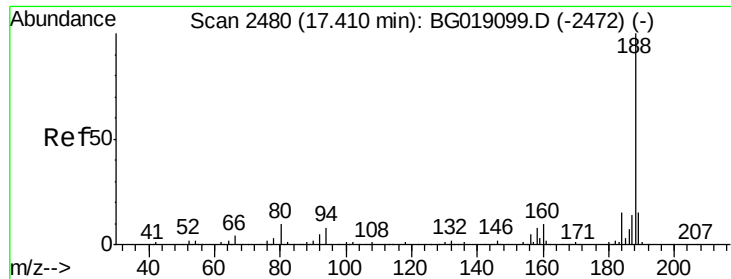
#44
 2-Fluorobiphenyl
 Concen: 80.84 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019110.D
 Acq: 10 Oct 2015 10:29

Tgt Ion:172 Resp: 288189
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.9 44.9
 170 23.2 18.6 27.8



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

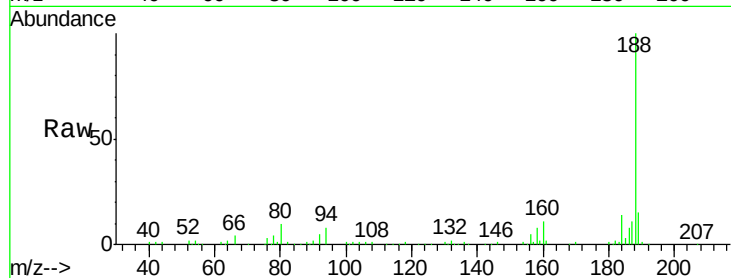




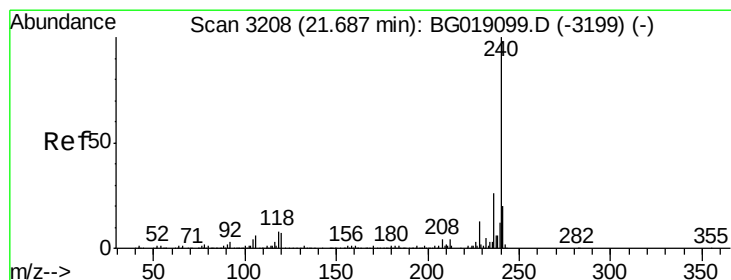
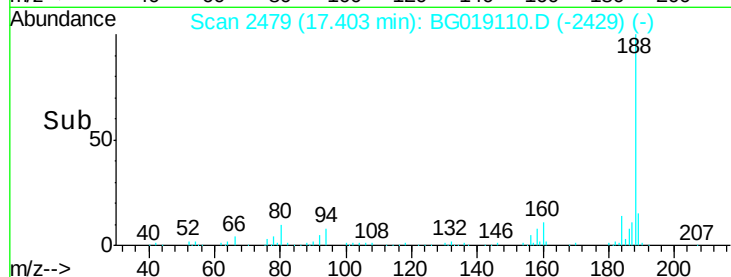
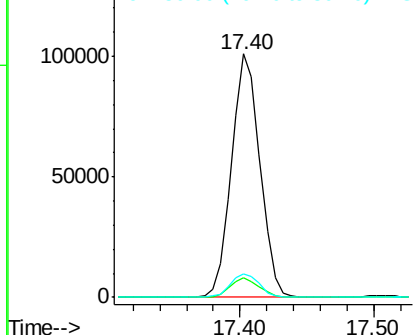
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019110.D
Acq: 10 Oct 2015 10:29

Instrument :
BNA_G
ClientSampleId :
PB85978BL

Tgt Ion:188 Resp: 149883
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.5 7.6 11.4

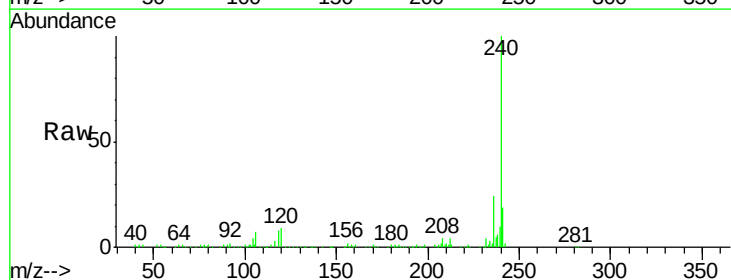


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

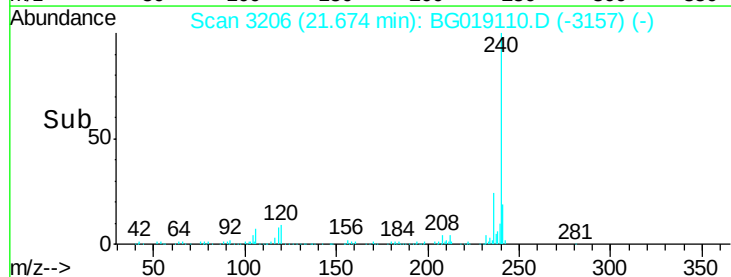
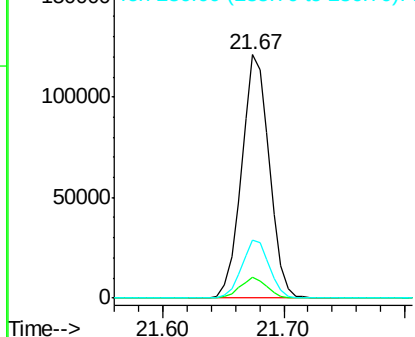


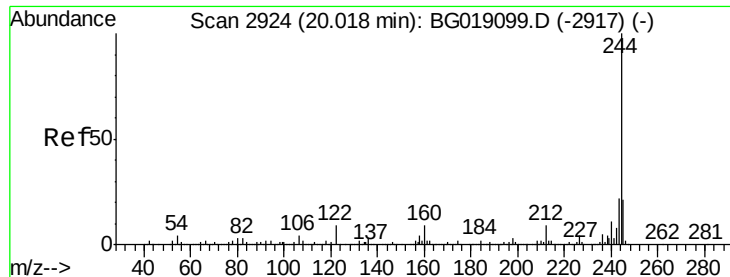
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.67 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019110.D
Acq: 10 Oct 2015 10:29

Tgt Ion:240 Resp: 193284
Ion Ratio Lower Upper
240 100
120 8.6 5.8 8.6#
236 23.6 21.2 31.8



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: 81.82 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.00 min

Lab File: BG019110.D

Acq: 10 Oct 2015 10:29

Instrument :

BNA_G

ClientSampleId :

PB85978BL

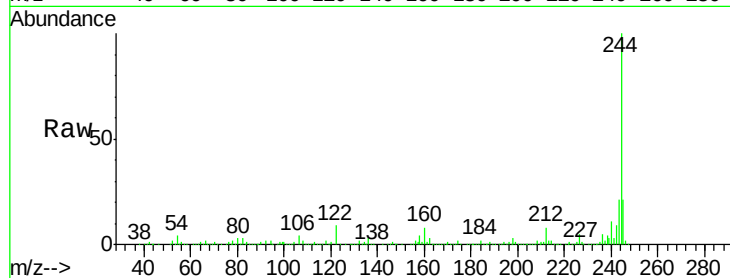
Tgt Ion:244 Resp: 598699

Ion Ratio Lower Upper

244 100

212 8.3 6.8 10.2

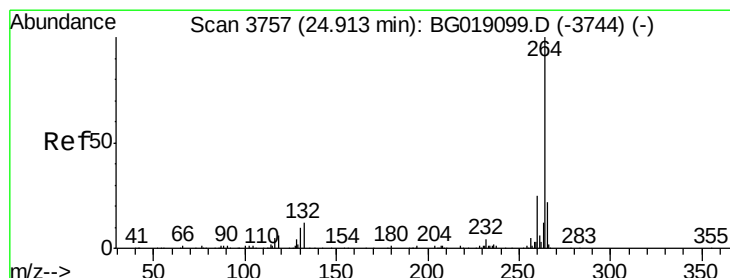
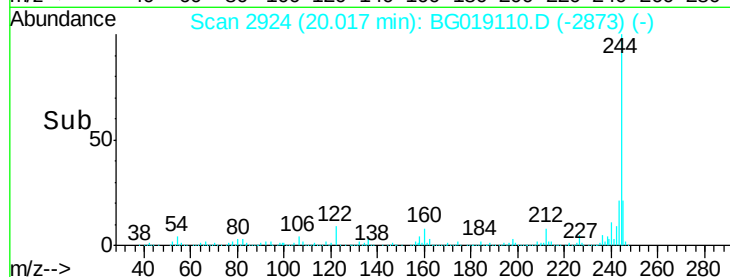
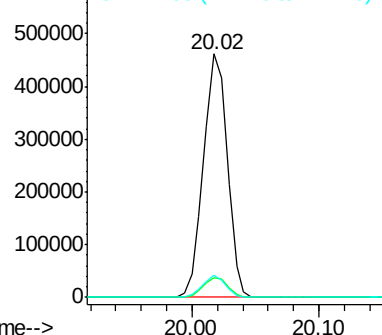
122 9.0 7.4 11.2



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: 24.91 min Scan# 3756

Delta R.T. -0.01 min

Lab File: BG019110.D

Acq: 10 Oct 2015 10:29

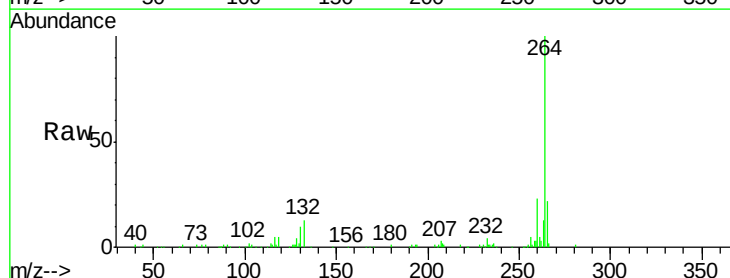
Tgt Ion:264 Resp: 181580

Ion Ratio Lower Upper

264 100

260 23.1 20.1 30.1

265 21.9 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

