

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019858.D
 Acq On : 3 Dec 2015 6:59
 Operator : UM/NP
 Sample : PB87038TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87038TB

Quant Time: Dec 03 11:42:05 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	23293	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	99579	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	72399	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	197875	20.00	ng	0.00
75) Chrysene-d12	21.78	240	230329	20.00	ng	-0.01
86) Perylene-d12	25.08	264	211979	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	155229	120.45	ng	0.00
7) Phenol-d6	7.27	99	223783	115.00	ng	0.00
23) Nitrobenzene-d5	9.29	82	147451	75.57	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	120542	108.82	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	383087	72.25	ng	0.00
78) Terphenyl-d14	20.11	244	716203	75.85	ng	0.00

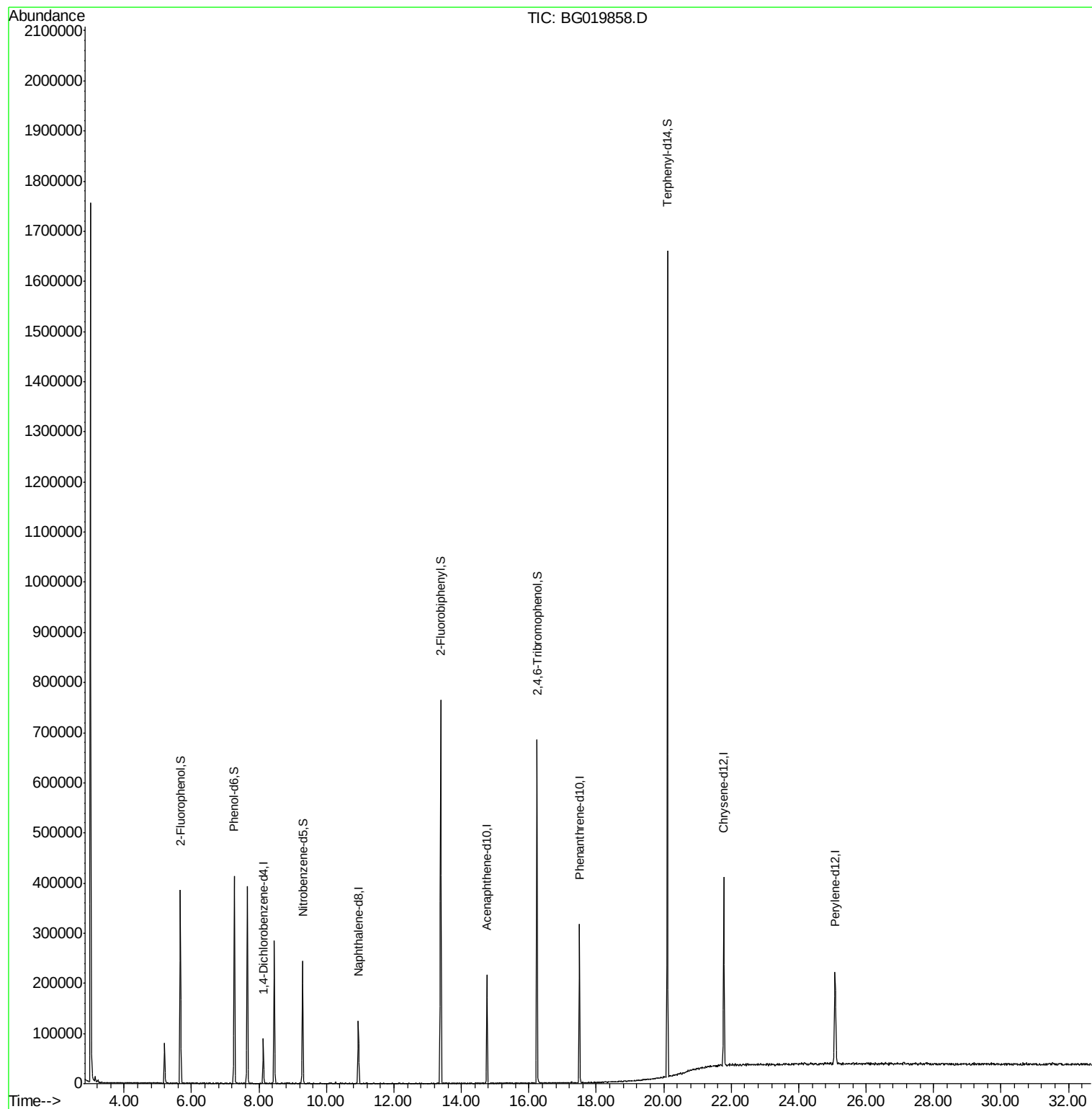
Target Compounds	Qvalue
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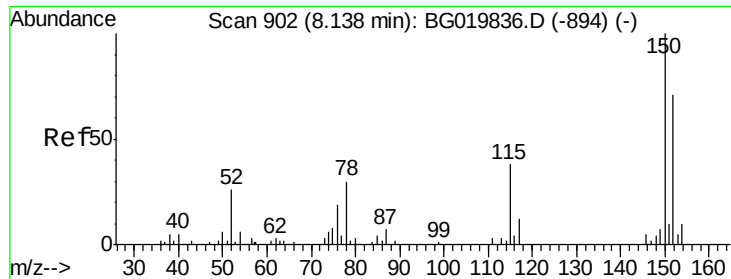
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG019858.D

Acq: 3 Dec 2015 6:59

Instrument :

BNA_G

ClientSampleId :

PB87038TB

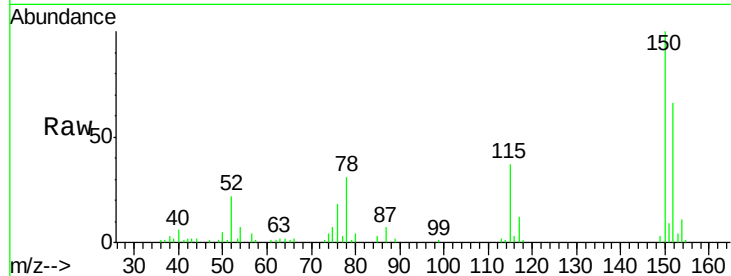
Tgt Ion:152 Resp: 23293

Ion Ratio Lower Upper

152 100

150 151.8 115.0 172.4

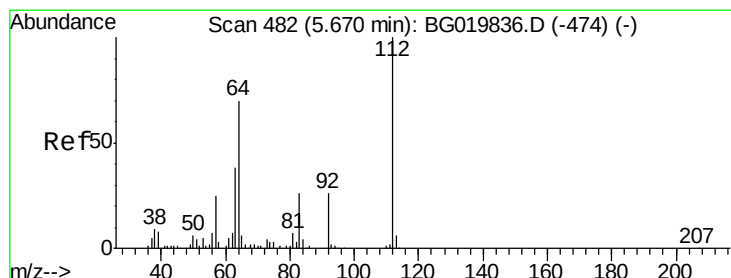
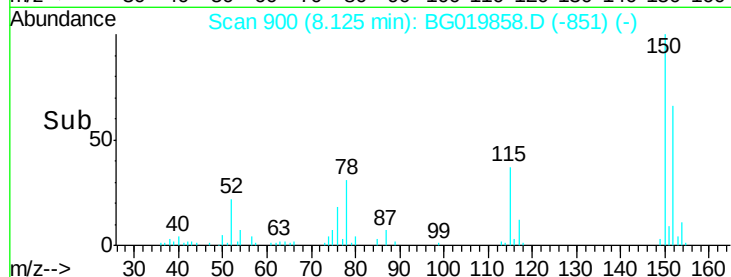
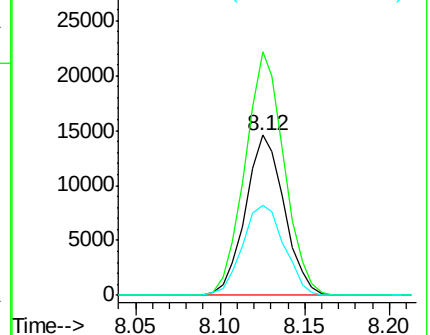
115 56.5 43.9 65.9



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: 120.45 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG019858.D

Acq: 3 Dec 2015 6:59

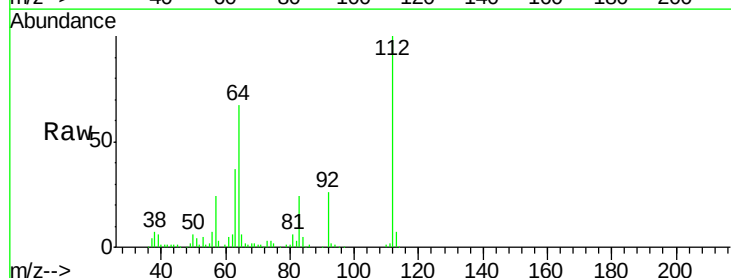
Tgt Ion:112 Resp: 155229

Ion Ratio Lower Upper

112 100

64 66.5 43.7 65.5#

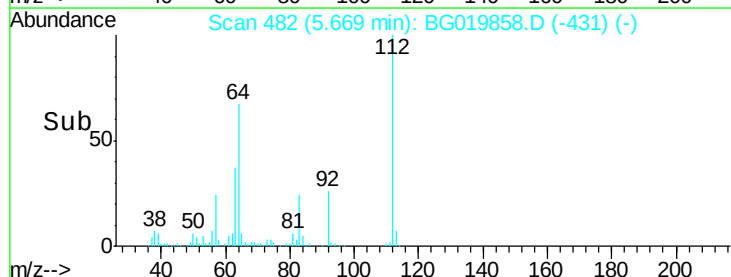
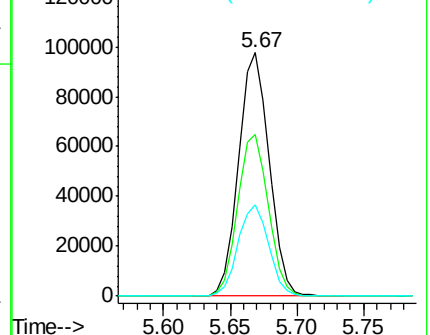
63 37.5 24.0 36.0#

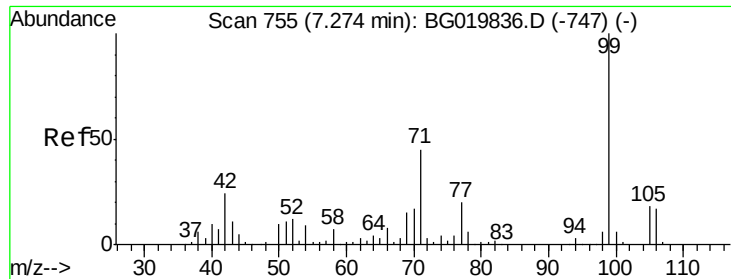


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.00 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019858.D

Acq: 3 Dec 2015 6:59

Instrument :

BNA_G

ClientSampleId :

PB87038TB

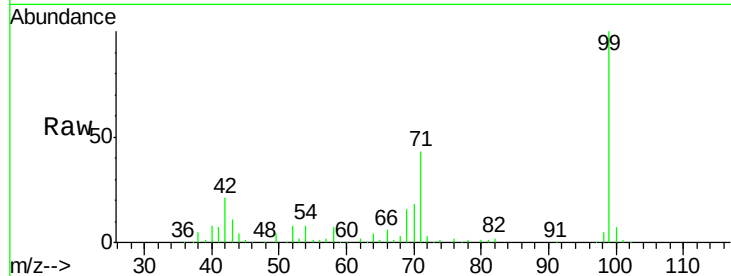
Tgt Ion: 99 Resp: 223783

Ion Ratio Lower Upper

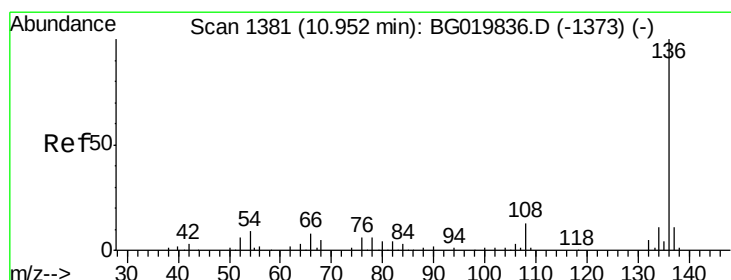
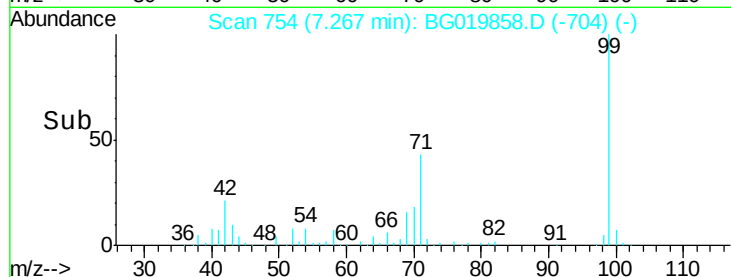
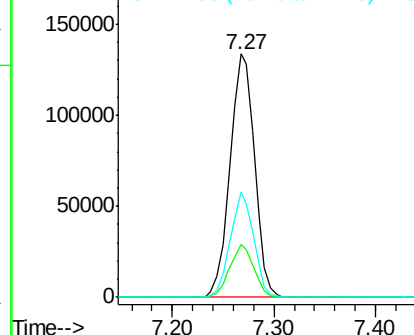
99 100

42 21.5 11.5 17.3#

71 43.1 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. -0.01 min

Lab File: BG019858.D

Acq: 3 Dec 2015 6:59

Tgt Ion: 136 Resp: 99579

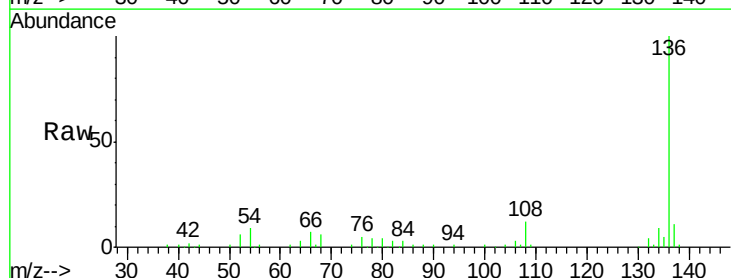
Ion Ratio Lower Upper

136 100

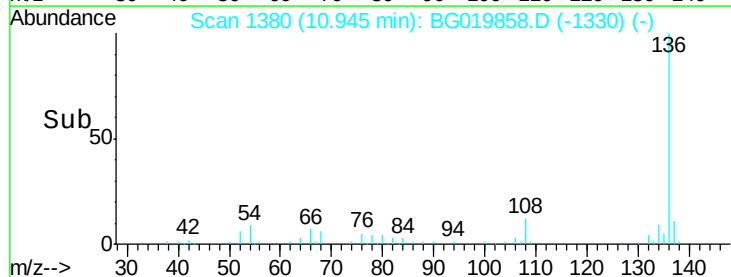
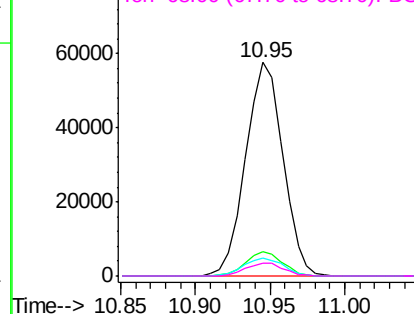
137 11.3 8.6 12.8

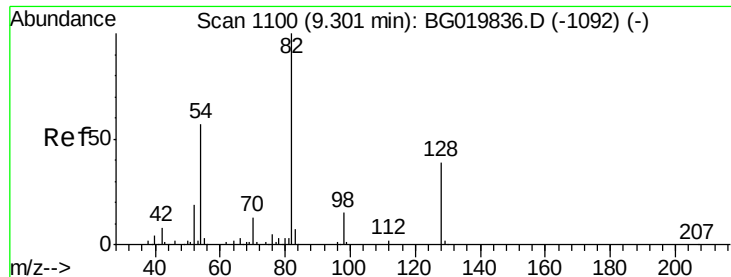
54 8.7 5.4 8.2#

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

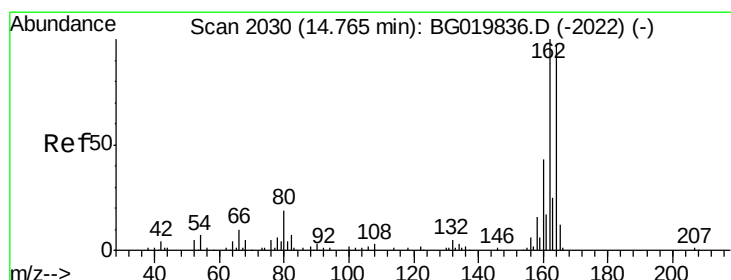
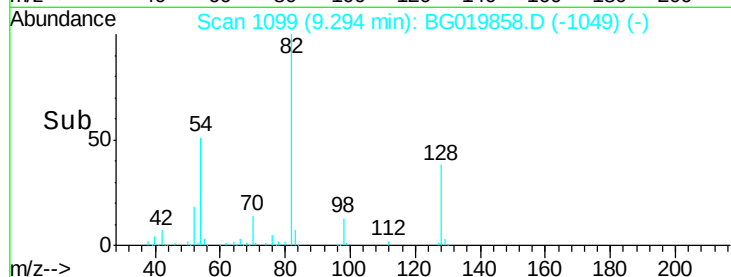
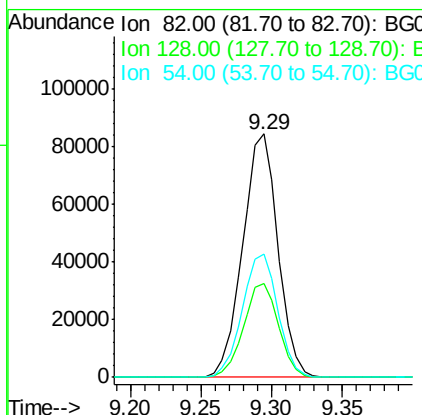
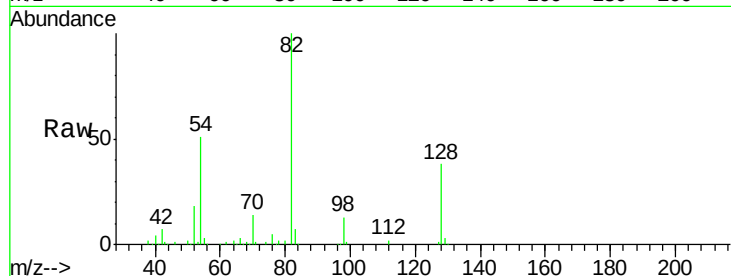




#23
Nitrobenzene-d5
Concen: 75.57 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG019858.D
Acq: 3 Dec 2015 6:59

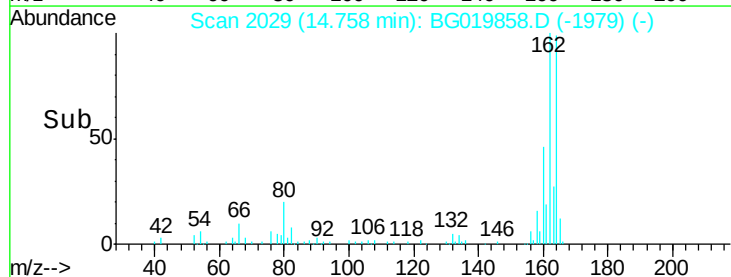
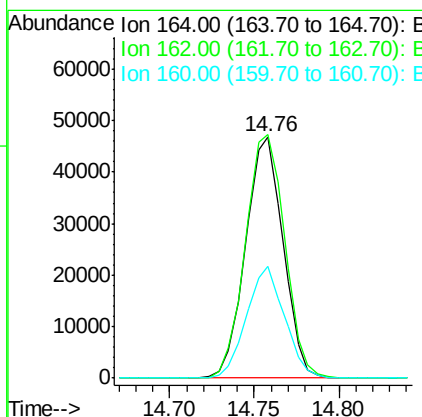
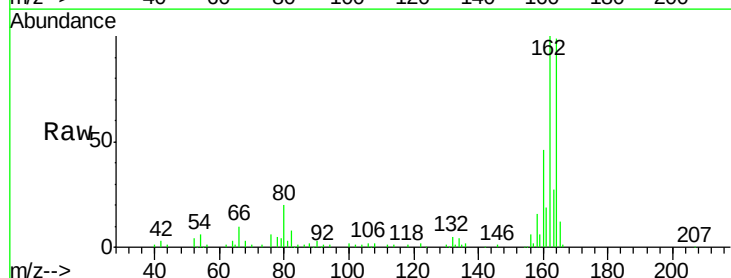
Instrument :
BNA_G
ClientSampleId :
PB87038TB

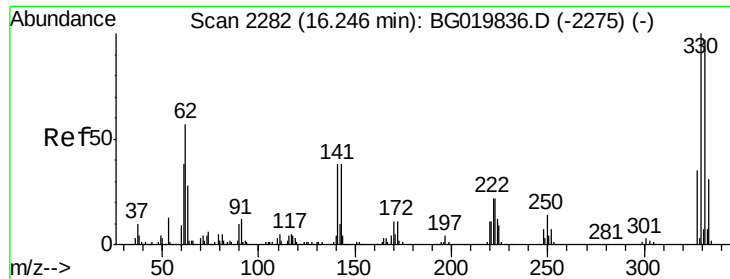
Tgt Ion: 82 Resp: 147451
Ion Ratio Lower Upper
82 100
128 38.4 36.7 55.1
54 50.9 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG019858.D
Acq: 3 Dec 2015 6:59

Tgt Ion: 164 Resp: 72399
Ion Ratio Lower Upper
164 100
162 100.8 78.8 118.2
160 46.2 36.4 54.6

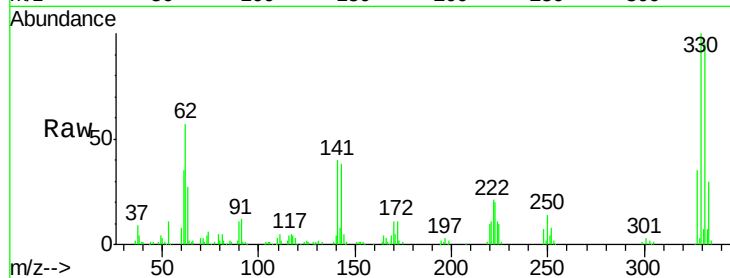




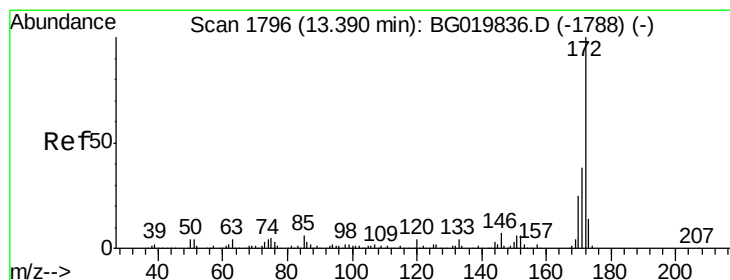
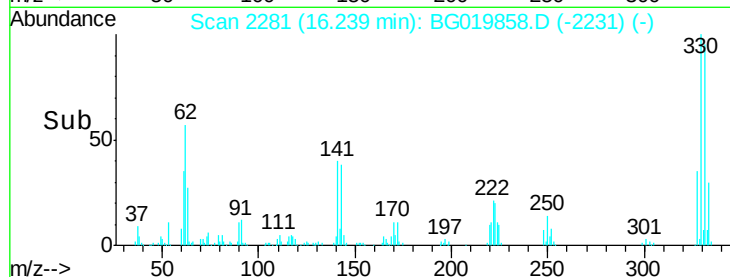
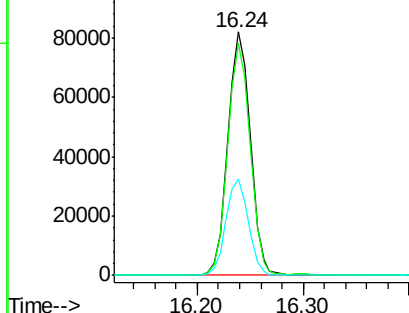
#41
 2,4,6-Tribromophenol
 Concen: 108.82 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG019858.D
 Acq: 3 Dec 2015 6:59

Instrument :
 BNA_G
 ClientSampleId :
 PB87038TB

Tgt Ion:330 Resp: 120542
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.1 117.1
 141 39.5 28.2 42.2

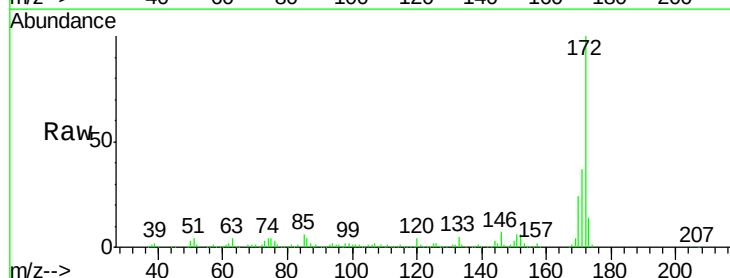


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

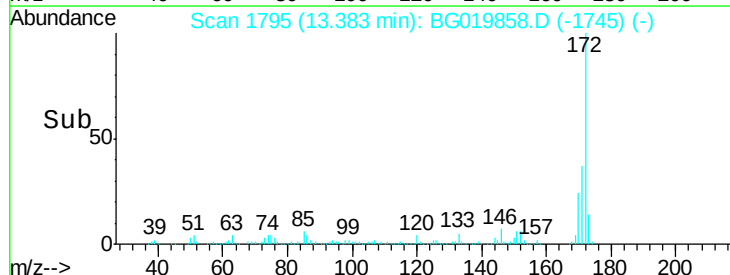
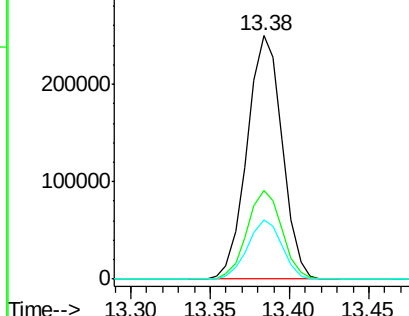


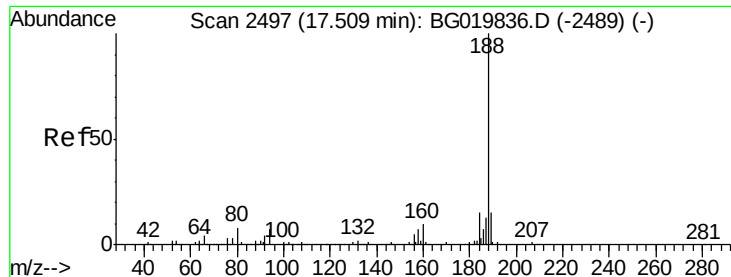
#44
 2-Fluorobiphenyl
 Concen: 72.25 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019858.D
 Acq: 3 Dec 2015 6:59

Tgt Ion:172 Resp: 383087
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.4 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

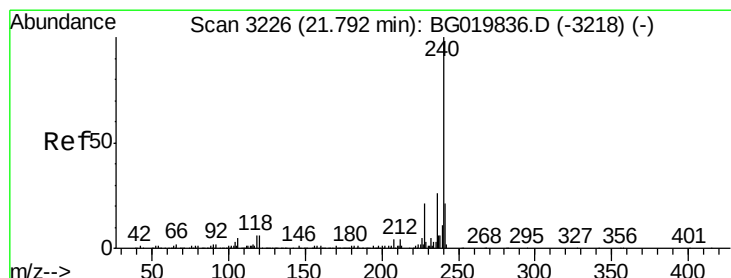
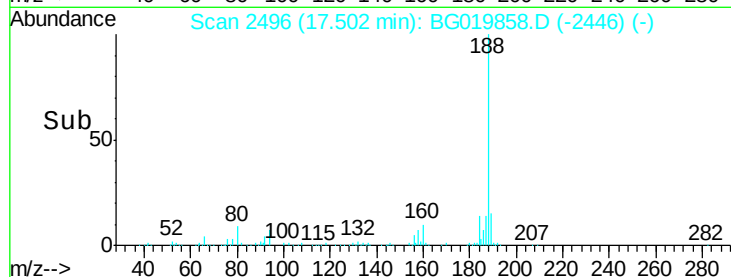
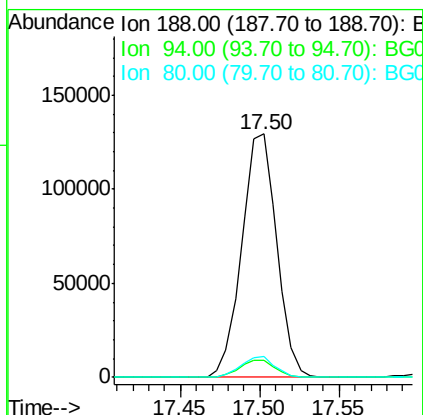
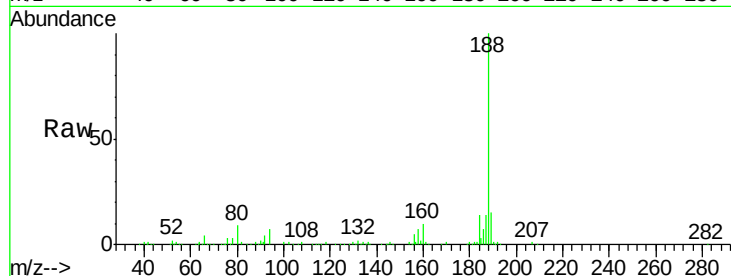




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG019858.D
Acq: 3 Dec 2015 6:59

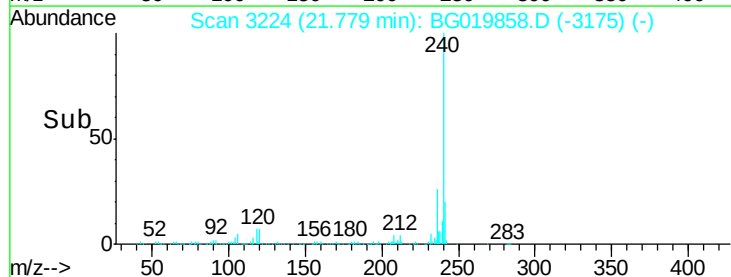
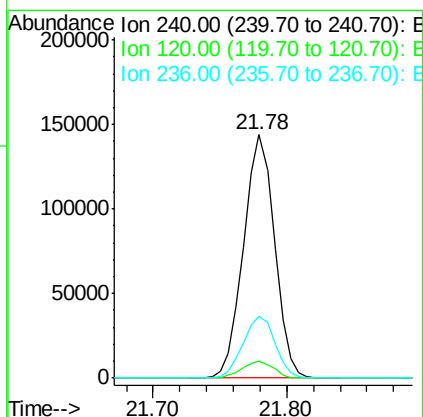
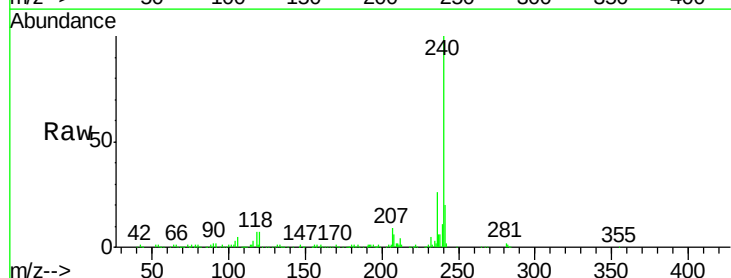
Instrument :
BNA_G
ClientSampleId :
PB87038TB

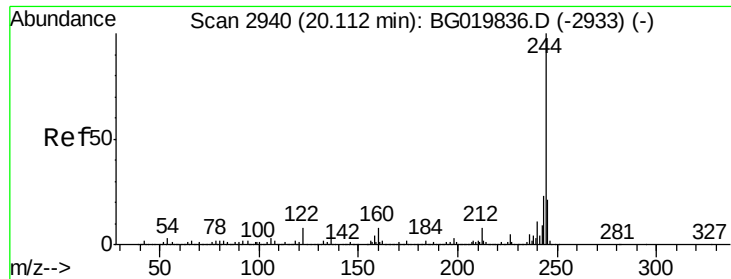
Tgt Ion:188 Resp: 197875
Ion Ratio Lower Upper
188 100
94 6.9 7.7 11.5#
80 8.8 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG019858.D
Acq: 3 Dec 2015 6:59

Tgt Ion:240 Resp: 230329
Ion Ratio Lower Upper
240 100
120 7.1 7.4 11.0#
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 75.85 ng

RT: 20.11 min Scan# 2939

Delta R.T. -0.01 min

Lab File: BG019858.D

Acq: 3 Dec 2015 6:59

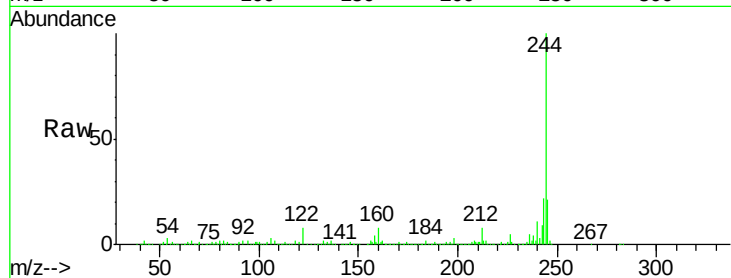
Instrument :

BNA_G

ClientSampleId :

PB87038TB

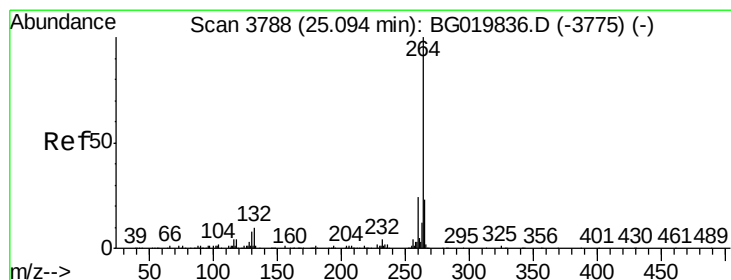
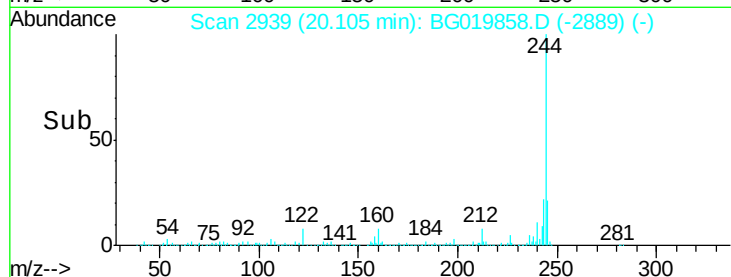
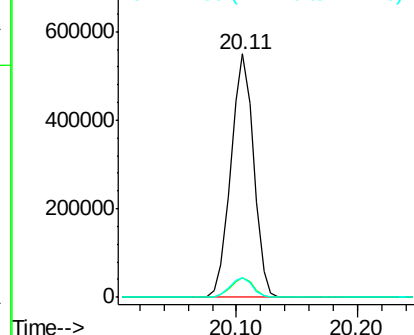
Tgt Ion:	244	Resp:	716203
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.9	10.3
122	8.2	10.2	15.2#



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

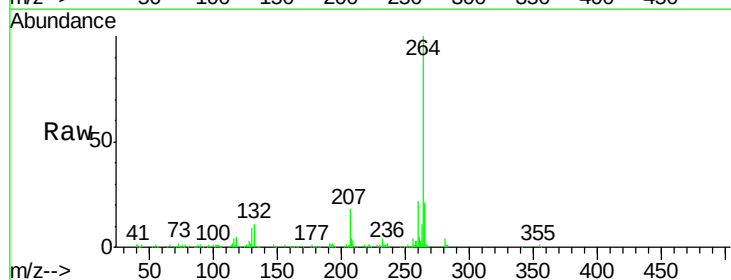
RT: 25.08 min Scan# 3785

Delta R.T. -0.02 min

Lab File: BG019858.D

Acq: 3 Dec 2015 6:59

Tgt Ion:	264	Resp:	211979
Ion Ratio	Lower	Upper	
264	100		
260	22.3	18.5	27.7
265	21.3	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

