

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019843.D
 Acq On : 2 Dec 2015 20:38
 Operator : UM/NP
 Sample : G4585-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-10(0-6)

Quant Time: Dec 03 01:18:43 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

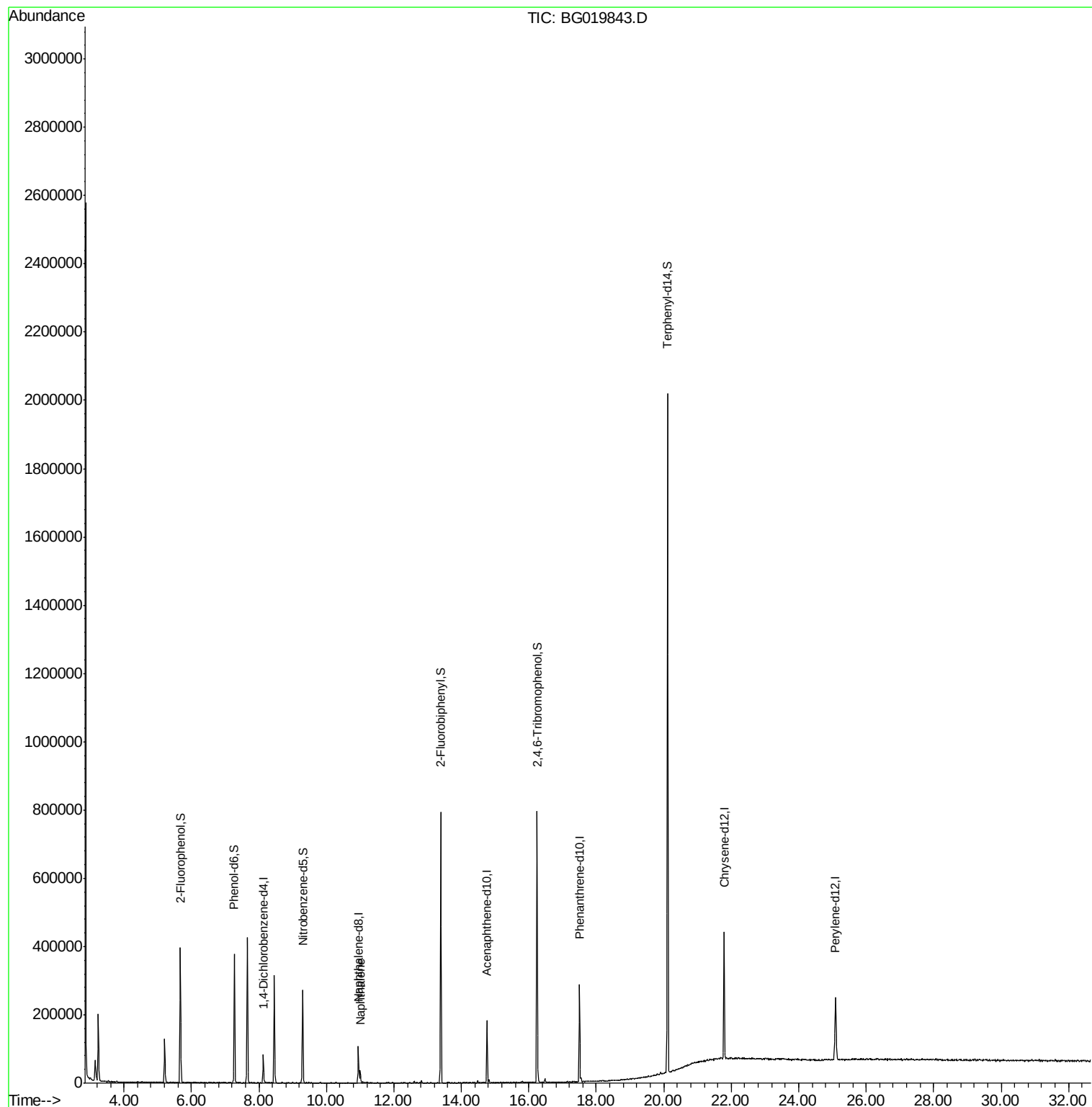
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	20911	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	87049	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	60746	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	175592	20.00	ng	0.00
75) Chrysene-d12	21.79	240	224910	20.00	ng	0.00
86) Perylene-d12	25.10	264	204223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	149590	129.29	ng	0.00
7) Phenol-d6	7.28	99	202118	115.70	ng	0.00
23) Nitrobenzene-d5	9.30	82	158155	92.72	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	130822	140.75	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	385028	86.54	ng	0.00
78) Terphenyl-d14	20.11	244	832342	90.27	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	30288	6.49	ng	Qvalue 96

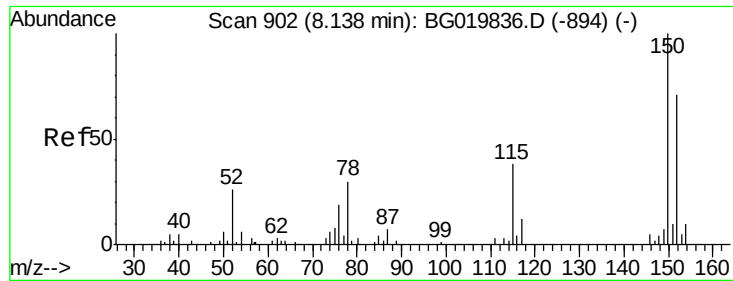
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 03 01:18:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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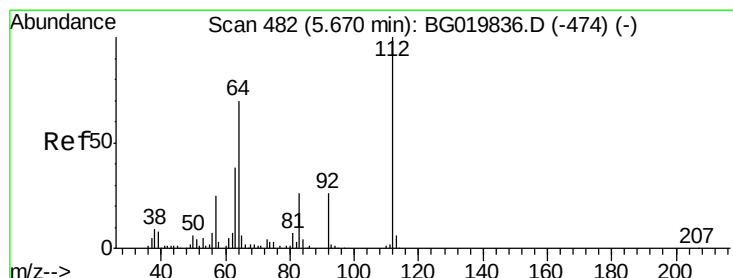
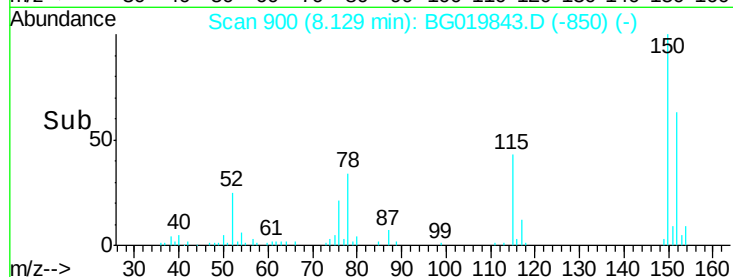
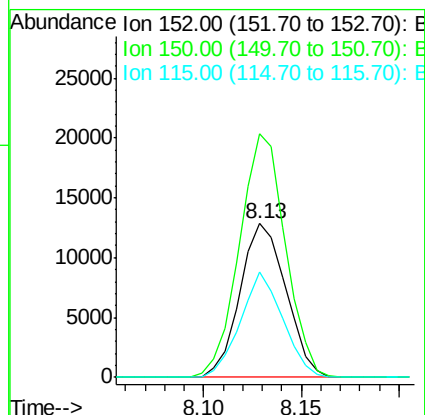
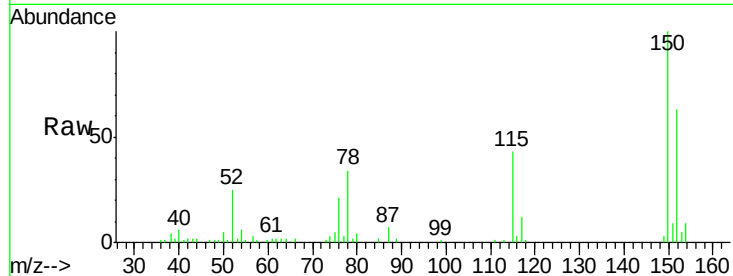




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG019843.D
 Acq: 2 Dec 2015 20:38

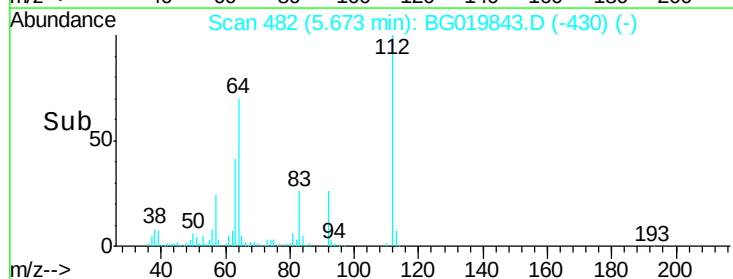
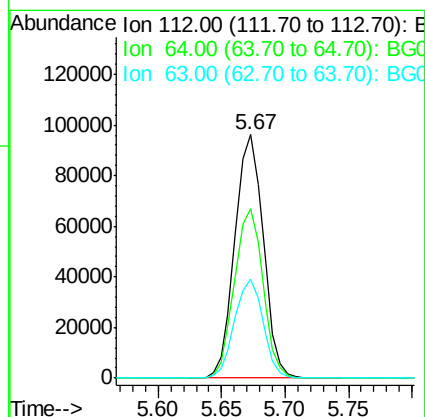
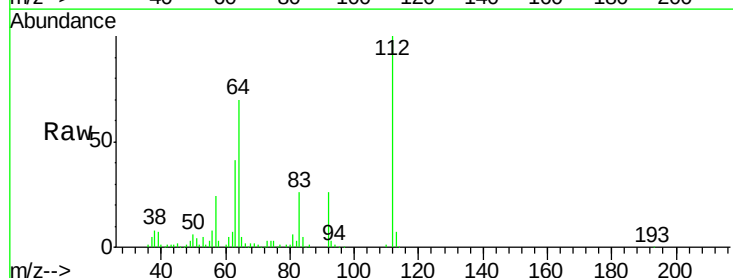
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-10(0-6)

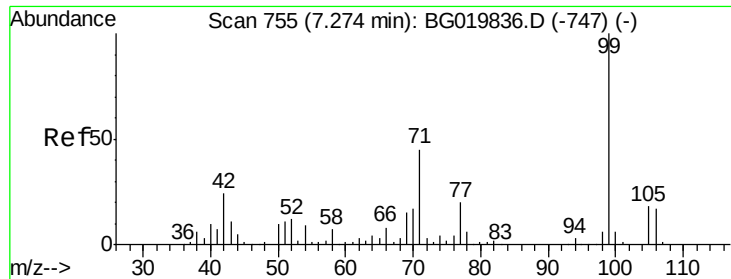
Tgt Ion:152 Resp: 20911
 Ion Ratio Lower Upper
 152 100
 150 158.3 115.0 172.4
 115 68.8 43.9 65.9#



#5
 2-Fluorophenol
 Concen: 129.29 ng
 RT: 5.67 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BG019843.D
 Acq: 2 Dec 2015 20:38

Tgt Ion:112 Resp: 149590
 Ion Ratio Lower Upper
 112 100
 64 69.7 43.7 65.5#
 63 40.9 24.0 36.0#





#7

Phenol-d6

Concen: 115.70 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG019843.D

Acq: 2 Dec 2015 20:38

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-10(0-6)

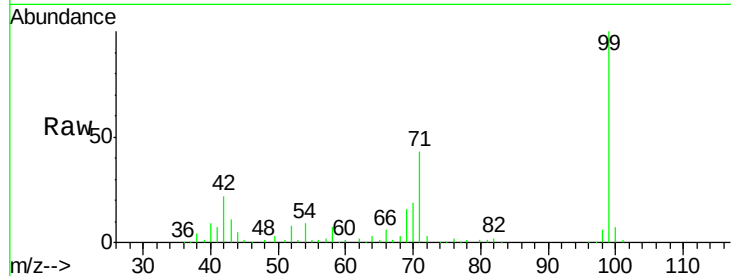
Tgt Ion: 99 Resp: 202118

Ion Ratio Lower Upper

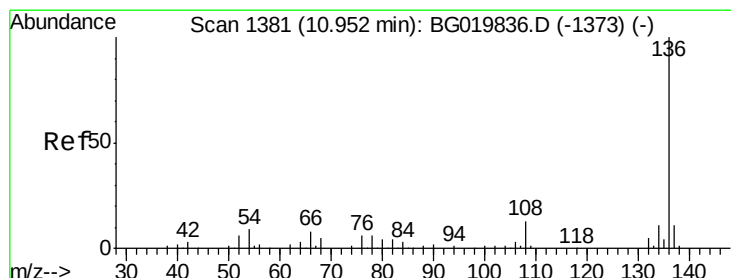
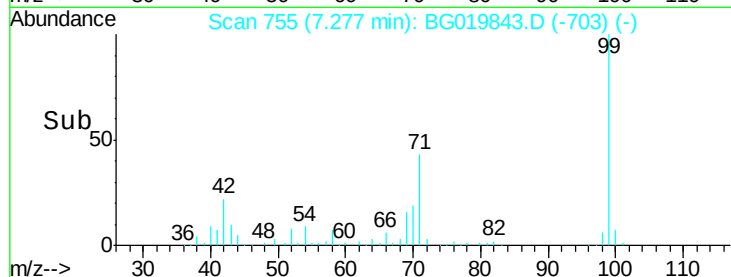
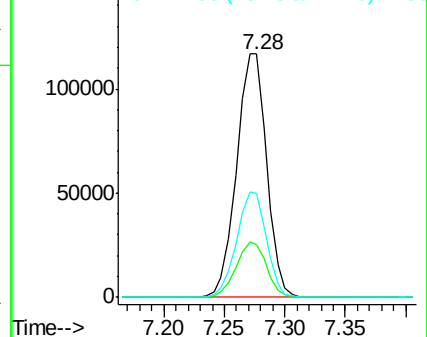
99 100

42 21.8 11.5 17.3#

71 42.9 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: BG019843.D

Acq: 2 Dec 2015 20:38

Tgt Ion: 136 Resp: 87049

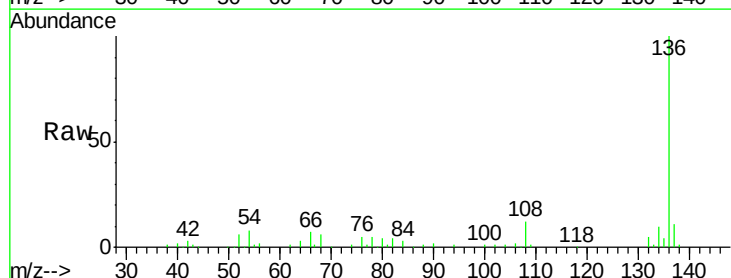
Ion Ratio Lower Upper

136 100

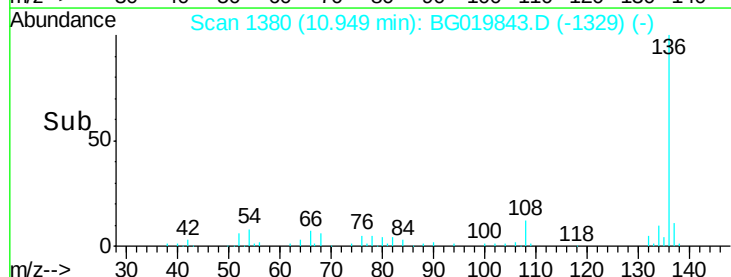
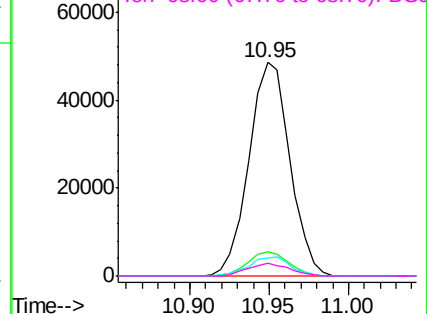
137 11.2 8.6 12.8

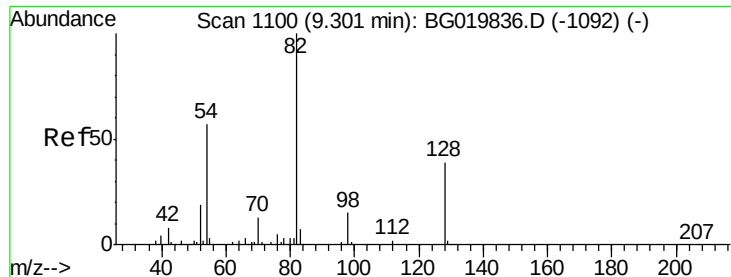
54 8.2 5.4 8.2#

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

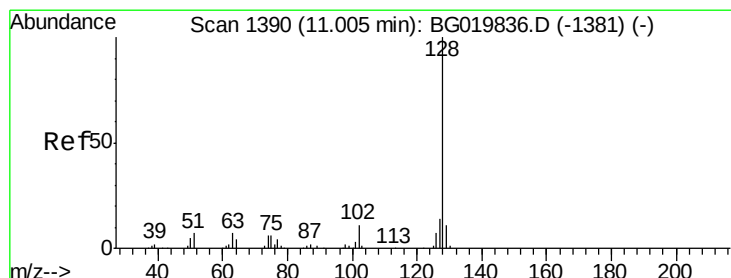
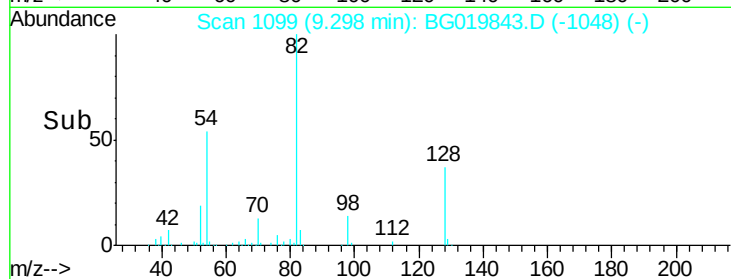
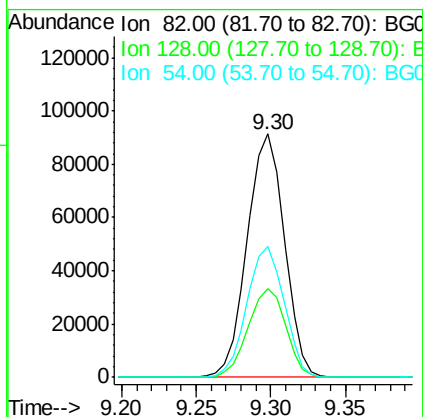
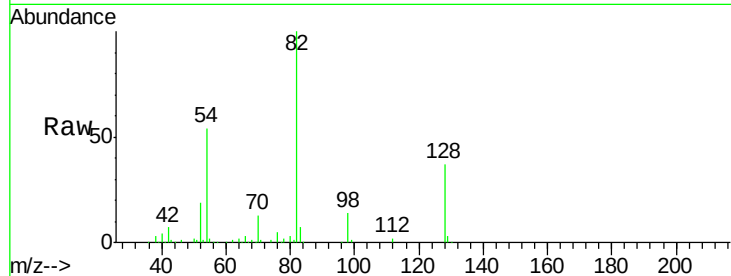




#23
 Nitrobenzene-d5
 Concen: 92.72 ng
 RT: 9.30 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG019843.D
 Acq: 2 Dec 2015 20:38

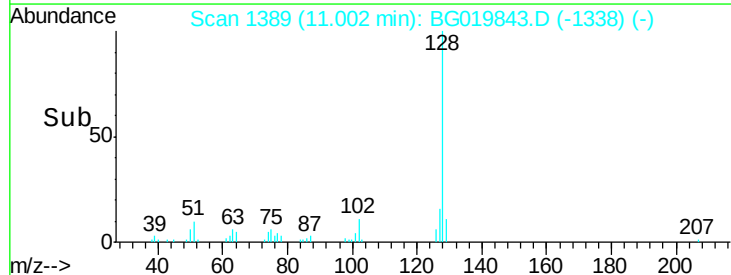
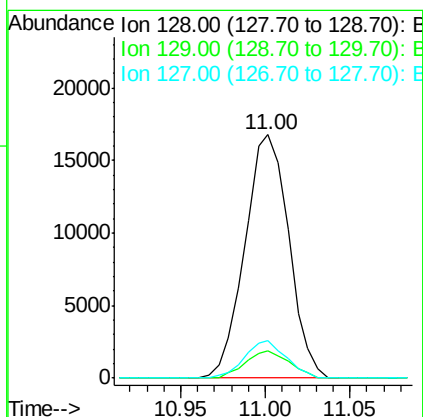
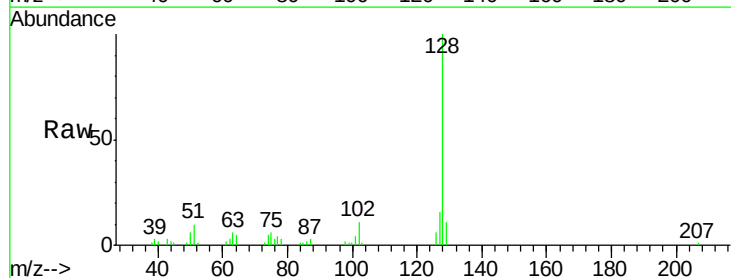
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-10(0-6)

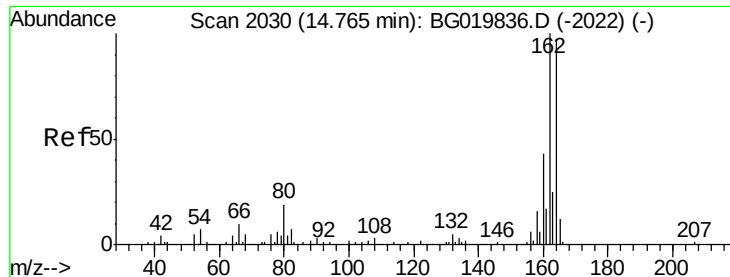
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.7	36.7	55.1#
54	53.6	33.8	50.8#



#31
 Naphthalene
 Concen: 6.49 ng
 RT: 11.00 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BG019843.D
 Acq: 2 Dec 2015 20:38

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	15.7	10.6	16.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG019843.D

Acq: 2 Dec 2015 20:38

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-10(0-6)

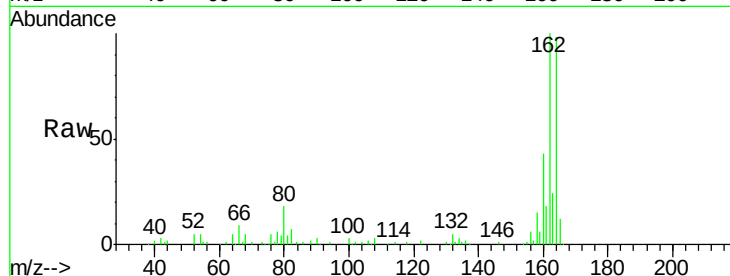
Tgt Ion:164 Resp: 60746

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

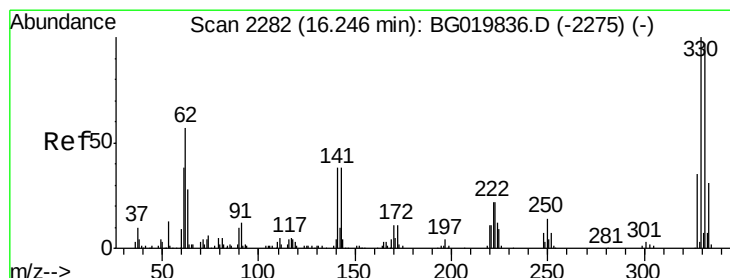
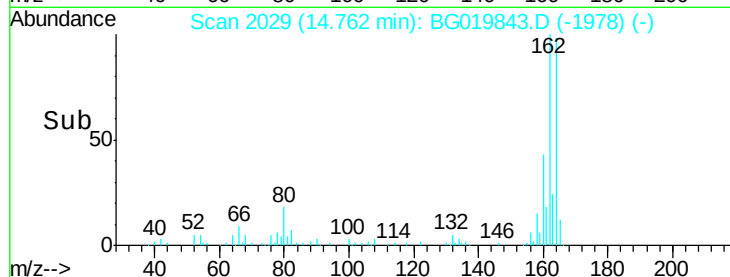
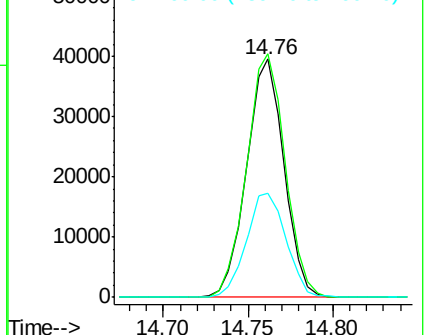
160 43.8 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 140.75 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG019843.D

Acq: 2 Dec 2015 20:38

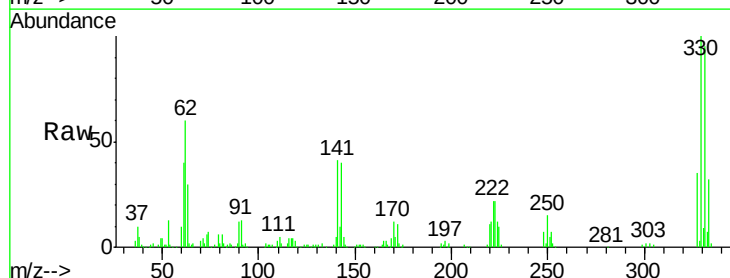
Tgt Ion:330 Resp: 130822

Ion Ratio Lower Upper

330 100

332 96.6 78.1 117.1

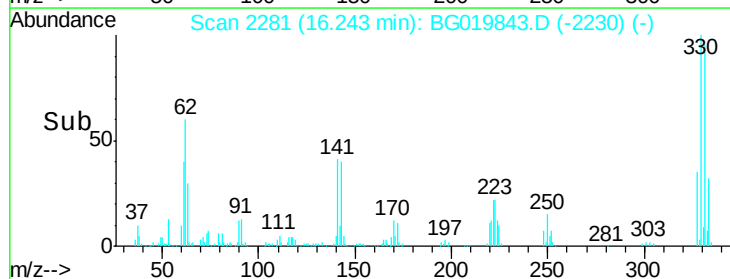
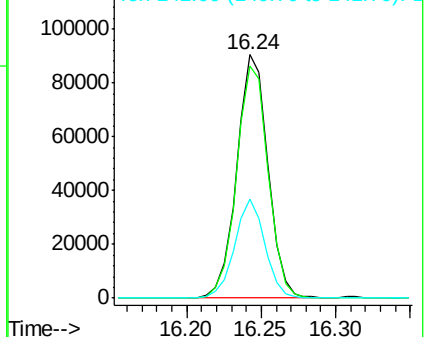
141 39.9 28.2 42.2

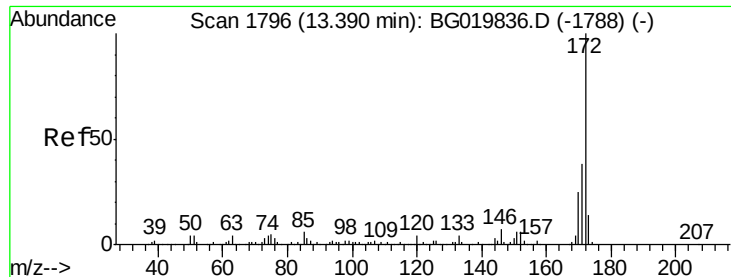


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

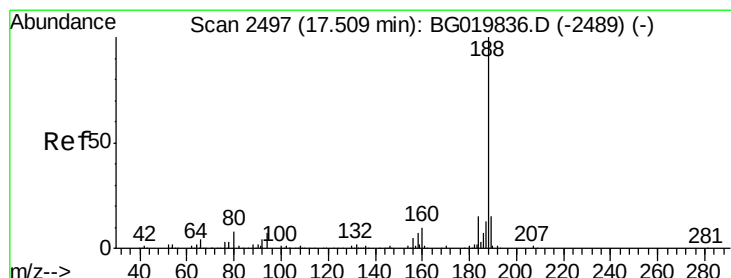
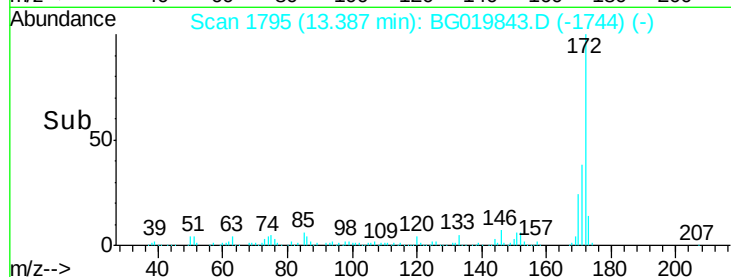
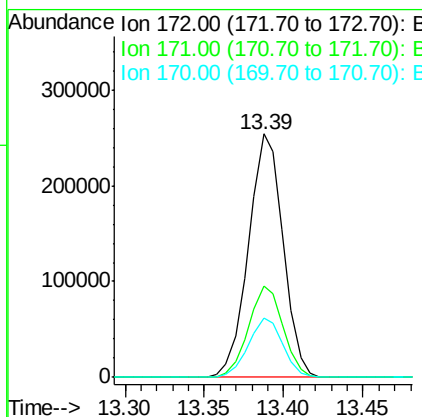
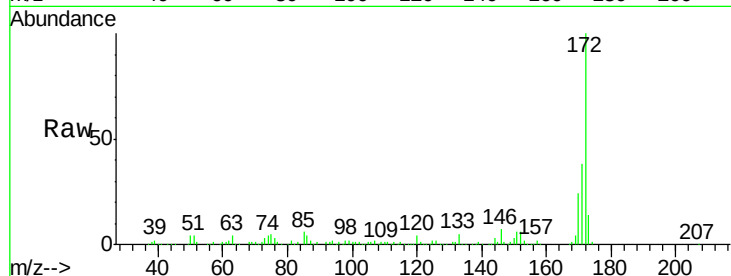




#44
2-Fluorobiphenyl
Concen: 86.54 ng
RT: 13.39 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

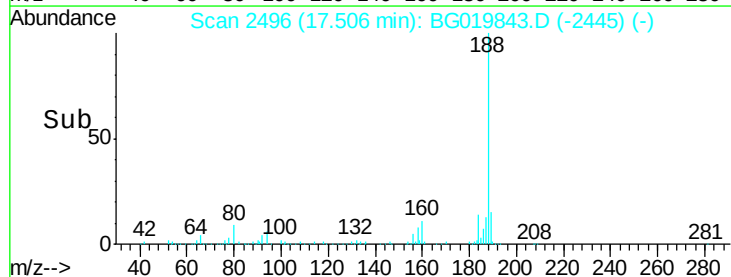
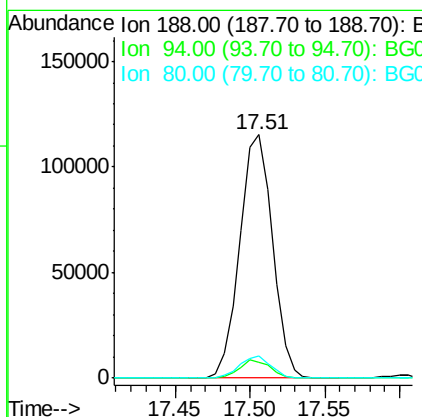
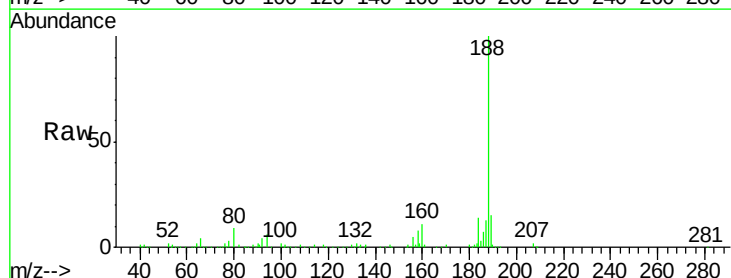
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-10(0-6)

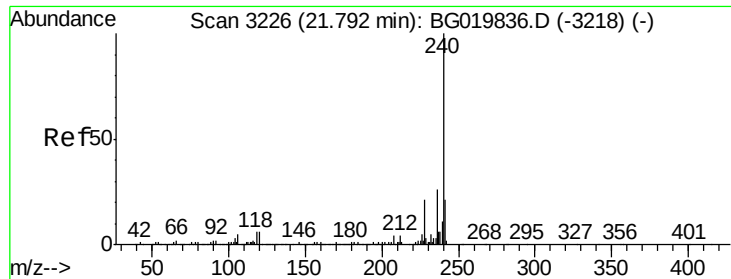
Tgt Ion:172 Resp: 385028
Ion Ratio Lower Upper
172 100
171 37.7 29.0 43.6
170 24.5 19.9 29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Tgt Ion:188 Resp: 175592
Ion Ratio Lower Upper
188 100
94 6.2 7.7 11.5#
80 8.9 7.8 11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BG019843.D

Acq: 2 Dec 2015 20:38

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-10(0-6)

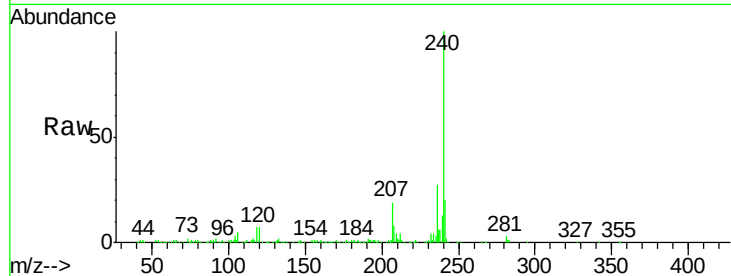
Tgt Ion:240 Resp: 224910

Ion Ratio Lower Upper

240 100

120 7.0 7.4 11.0#

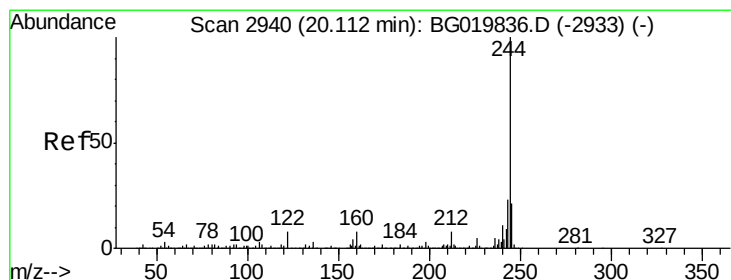
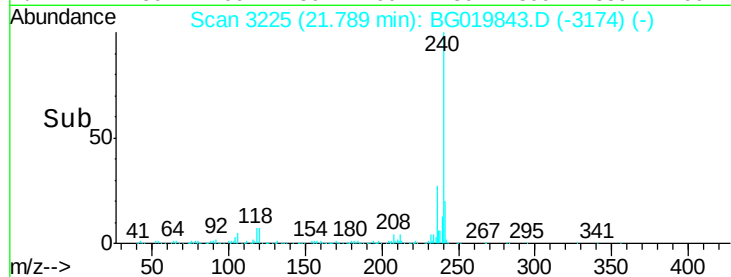
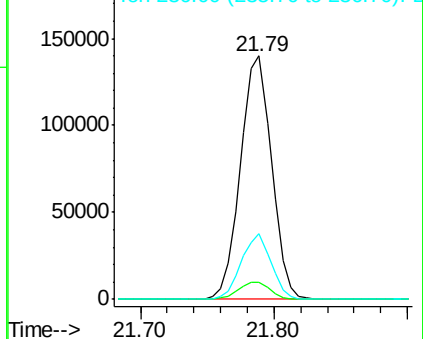
236 27.1 20.7 31.1



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: 90.27 ng

RT: 20.11 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG019843.D

Acq: 2 Dec 2015 20:38

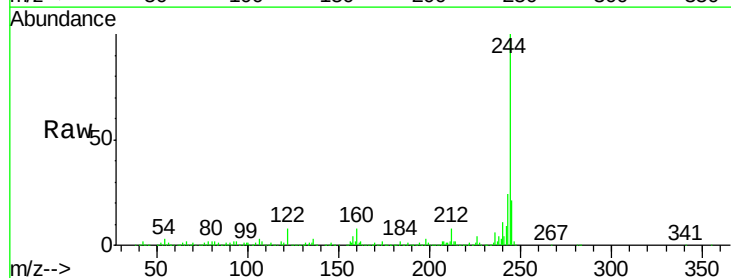
Tgt Ion:244 Resp: 832342

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

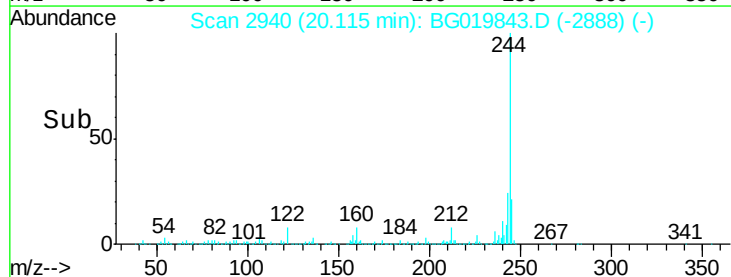
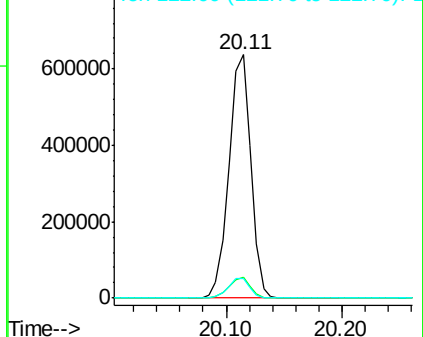
122 8.2 10.2 15.2#

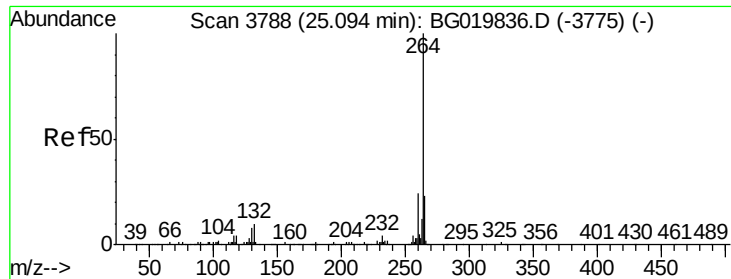


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.10 min Scan# 3788
Delta R.T. 0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-10(0-6)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	21.8	17.2	25.8

