

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019847.D
 Acq On : 2 Dec 2015 23:13
 Operator : UM/NP
 Sample : G4585-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-15(0-8)

Quant Time: Dec 03 01:26:44 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

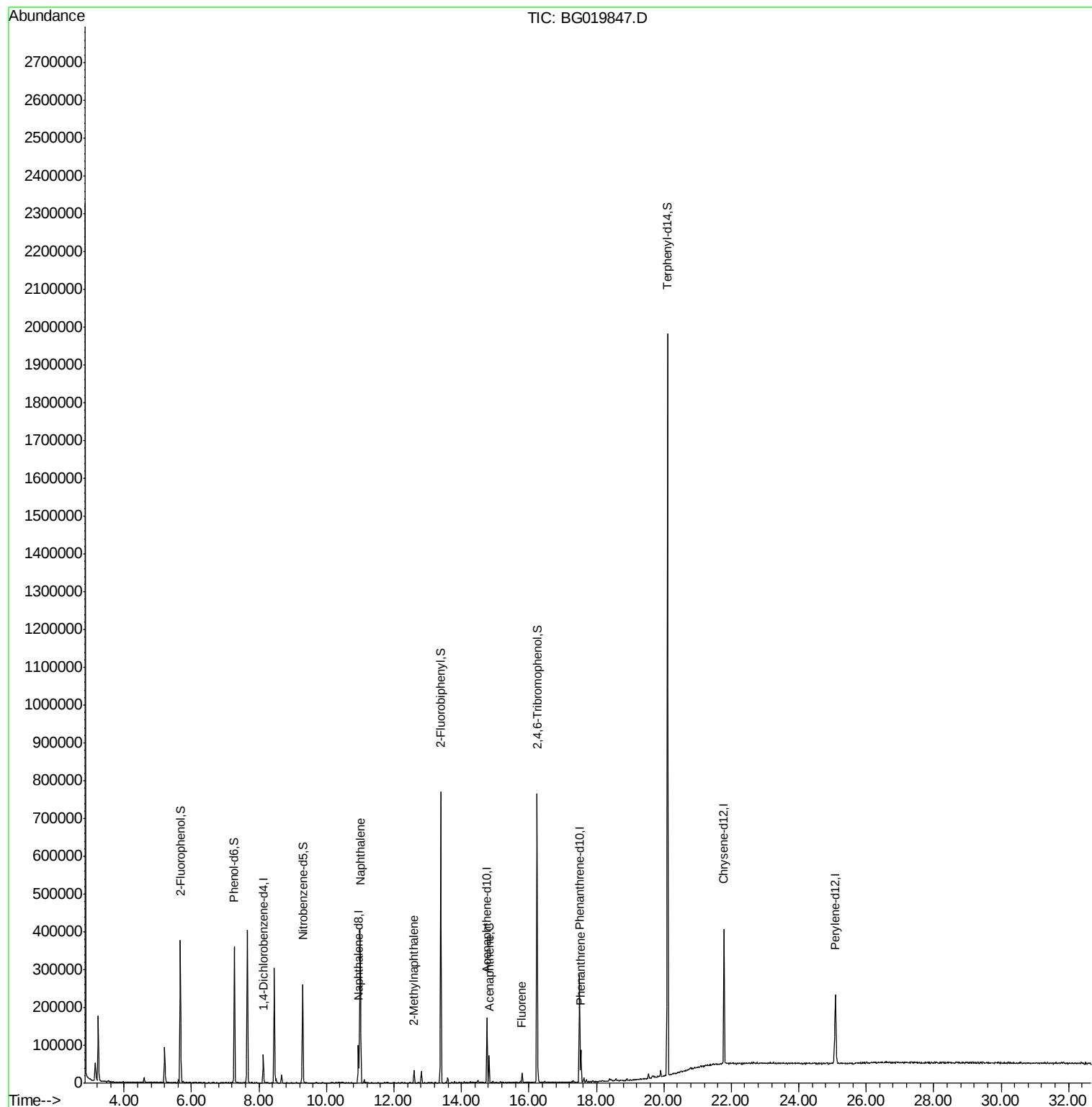
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	18956	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	80289	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	55867	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	166802	20.00	ng	0.00
75) Chrysene-d12	21.78	240	223247	20.00	ng	-0.01
86) Perylene-d12	25.09	264	192281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	141942	135.33	ng	0.00
7) Phenol-d6	7.27	99	188350	118.94	ng	0.00
23) Nitrobenzene-d5	9.30	82	152221	96.76	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	129680	151.71	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	374609	91.56	ng	0.00
78) Terphenyl-d14	20.11	244	839038	91.67	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.00	128	323034	75.10	ng	99
37) 2-Methylnaphthalene	12.60	142	14819	4.70	ng	# 93
51) Acenaphthene	14.82	154	25915	7.09	ng	96
57) Fluorene	15.80	166	11430	2.35	ng	95
70) Phenanthrene	17.55	178	51537	5.46	ng	99

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

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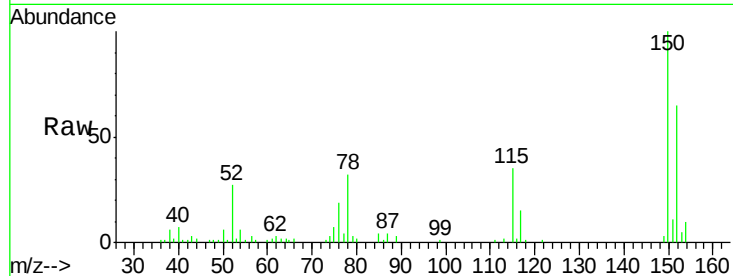




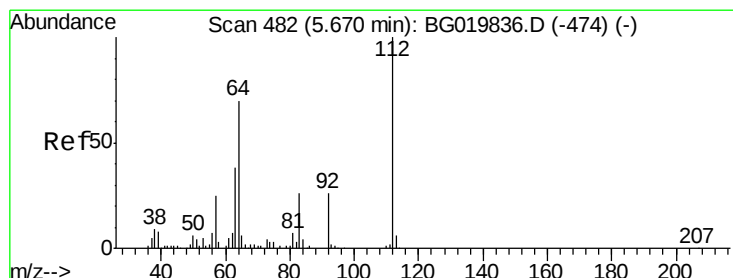
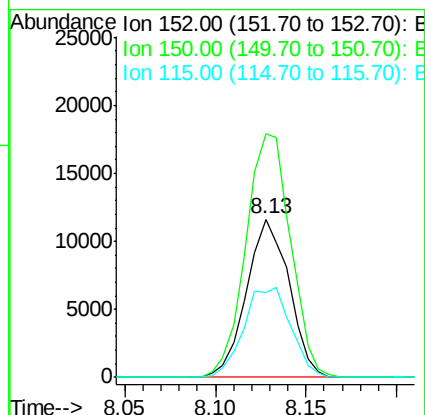
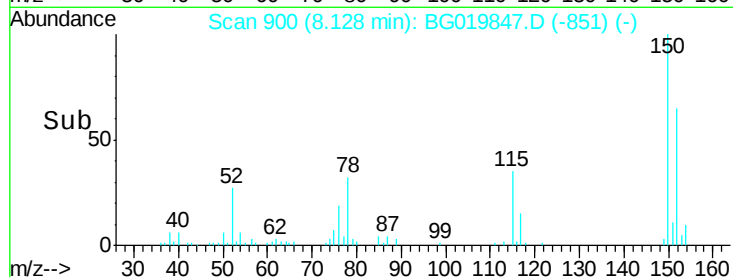
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG019847.D
 Acq: 2 Dec 2015 23:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-15(0-8)

Tgt Ion:152 Resp: 18956
 Ion Ratio Lower Upper
 152 100
 150 154.0 115.0 172.4
 115 53.5 43.9 65.9

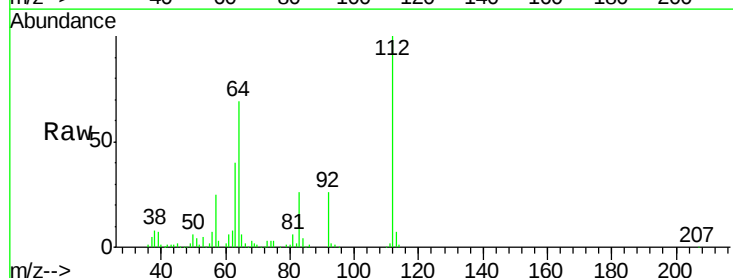


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

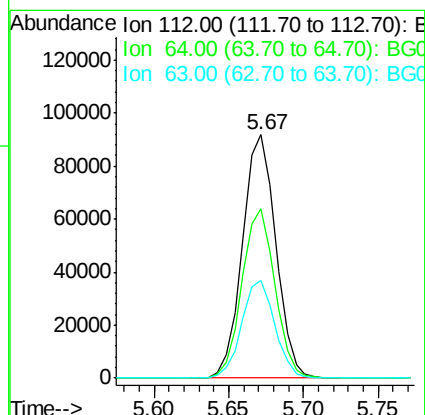
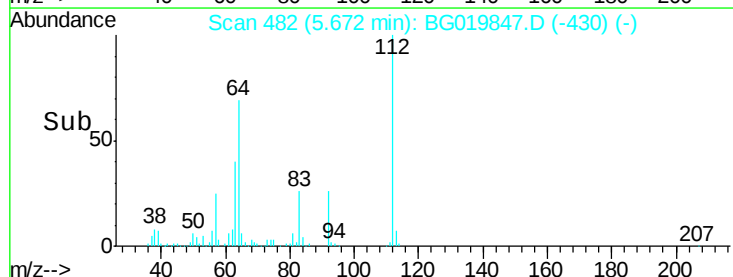


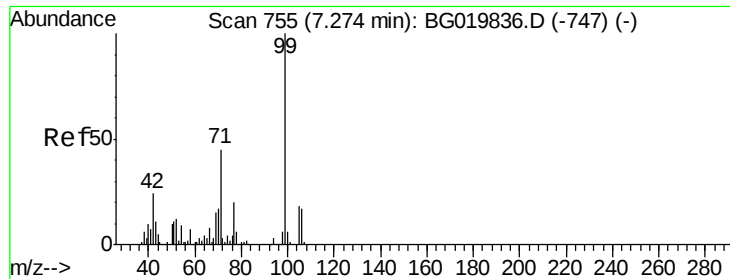
#5
 2-Fluorophenol
 Concen: 135.33 ng
 RT: 5.67 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BG019847.D
 Acq: 2 Dec 2015 23:13

Tgt Ion:112 Resp: 141942
 Ion Ratio Lower Upper
 112 100
 64 69.3 43.7 65.5#
 63 40.1 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: 118.94 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG019847.D

Acq: 2 Dec 2015 23:13

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-15(0-8)

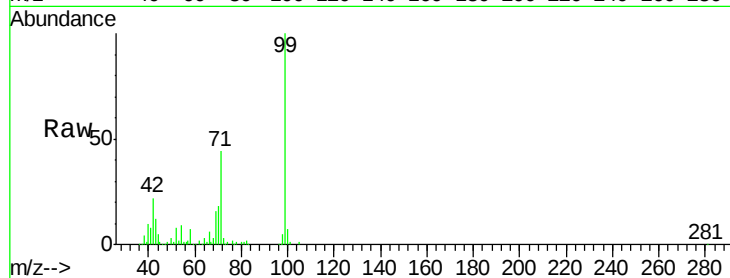
Tgt Ion: 99 Resp: 188350

Ion Ratio Lower Upper

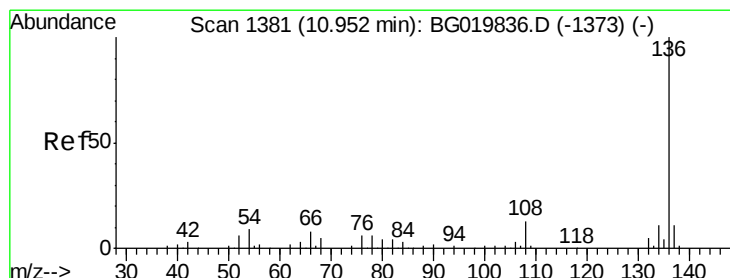
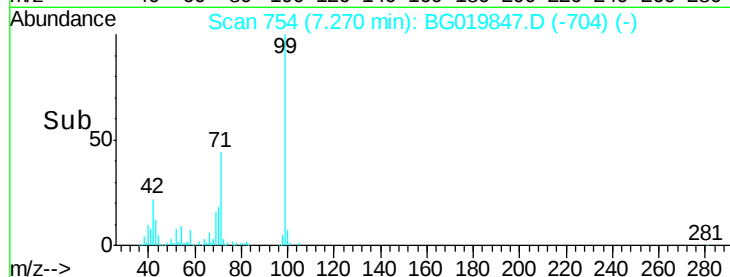
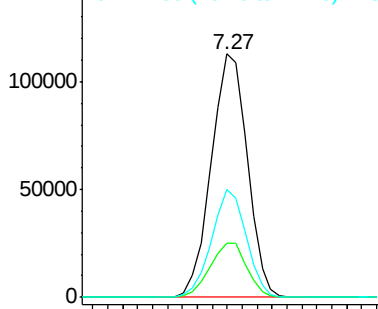
99 100

42 22.3 11.5 17.3#

71 44.2 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: BG019847.D

Acq: 2 Dec 2015 23:13

Tgt Ion: 136 Resp: 80289

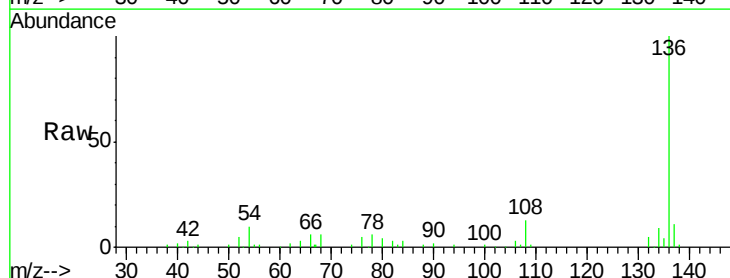
Ion Ratio Lower Upper

136 100

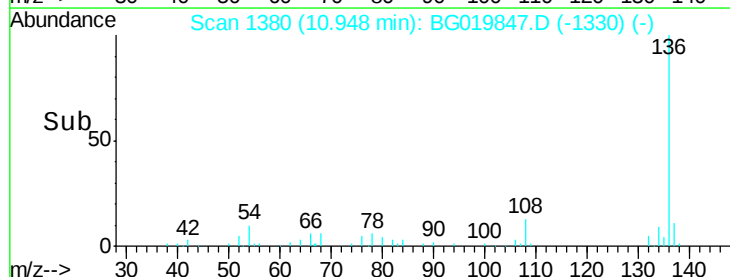
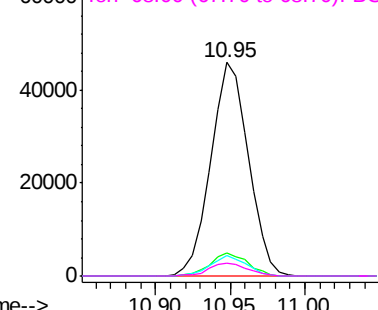
137 10.6 8.6 12.8

54 9.7 5.4 8.2#

68 6.2 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

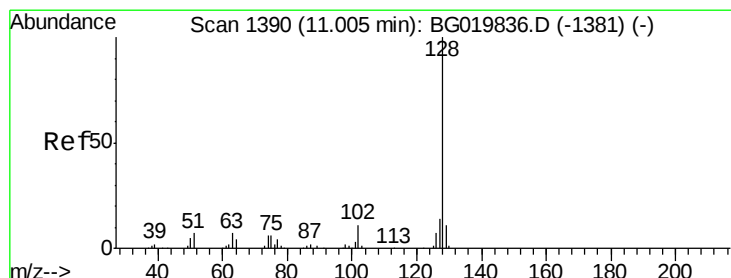
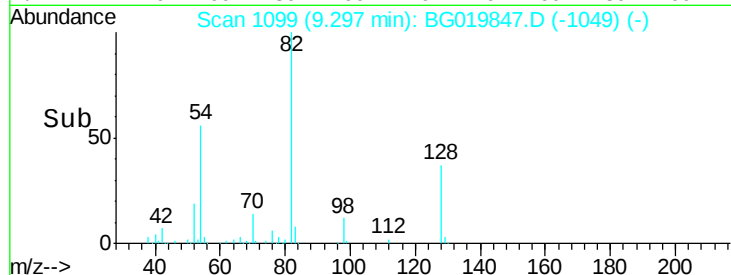
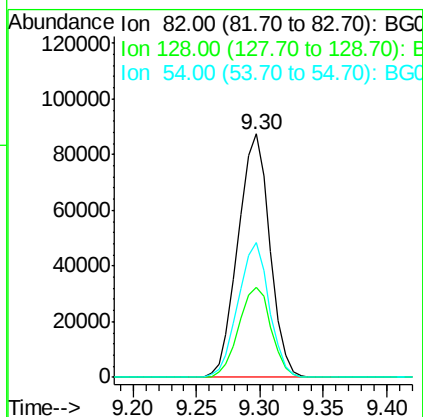
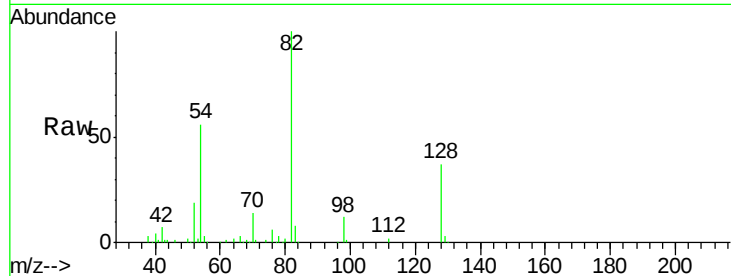




#23
Nitrobenzene-d5
Concen: 96.76 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG019847.D
Acq: 2 Dec 2015 23:13

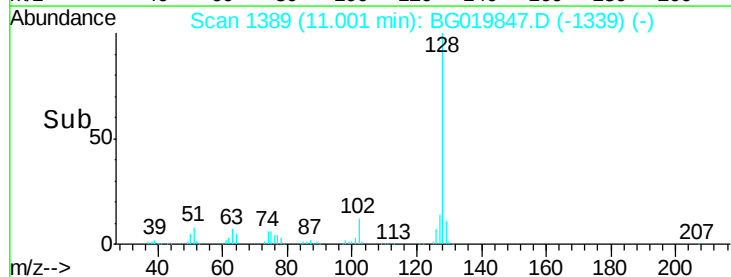
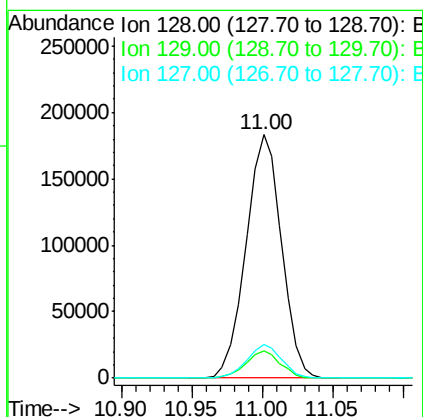
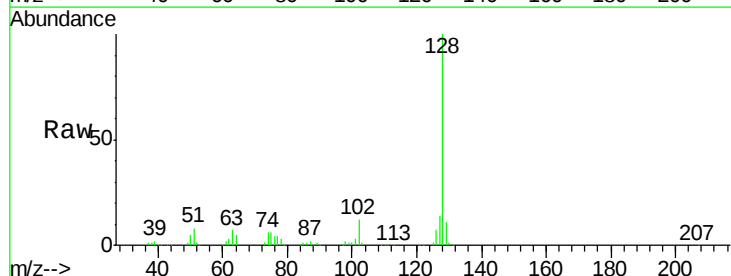
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-15(0-8)

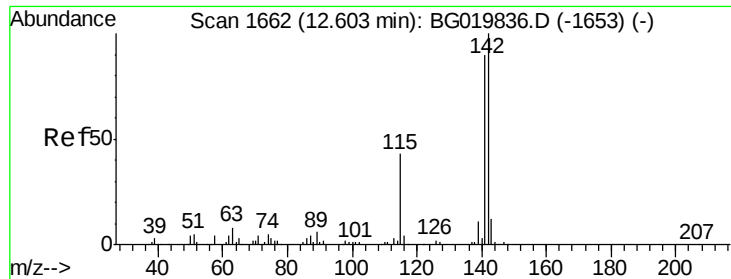
Tgt Ion: 82 Resp: 152221
Ion Ratio Lower Upper
82 100
128 37.2 36.7 55.1
54 55.6 33.8 50.8#



#31
Naphthalene
Concen: 75.10 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BG019847.D
Acq: 2 Dec 2015 23:13

Tgt Ion: 128 Resp: 323034
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.9 10.6 16.0

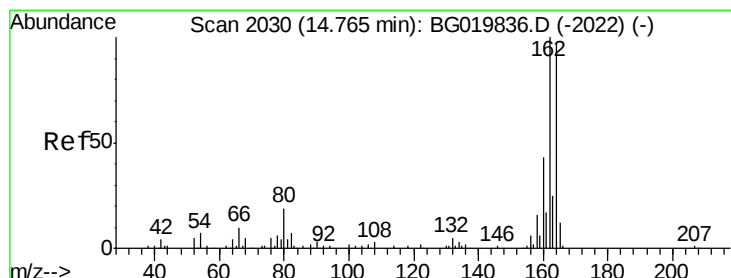
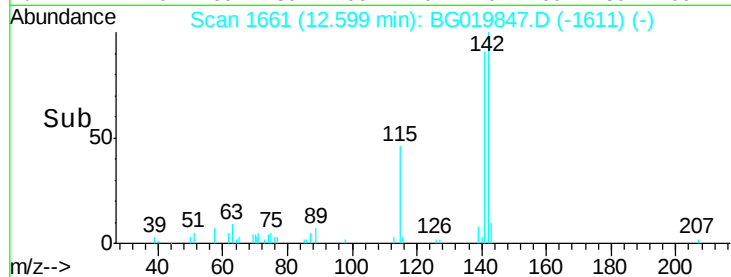
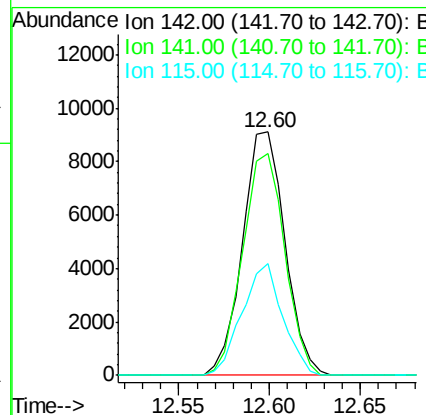
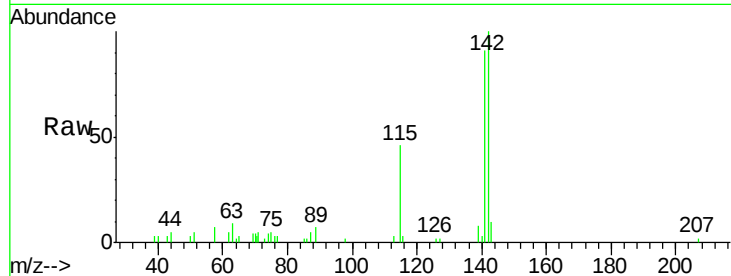




#37
2-Methylnaphthalene
Concen: 4.70 ng
RT: 12.60 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG019847.D
Acq: 2 Dec 2015 23:13

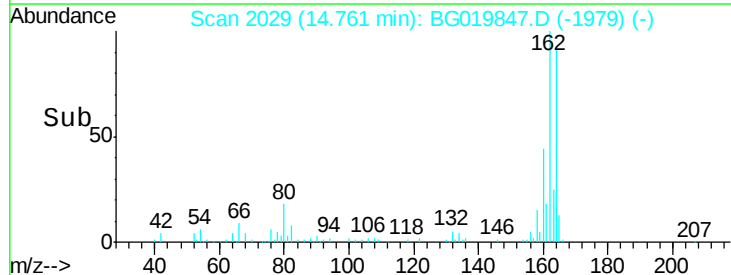
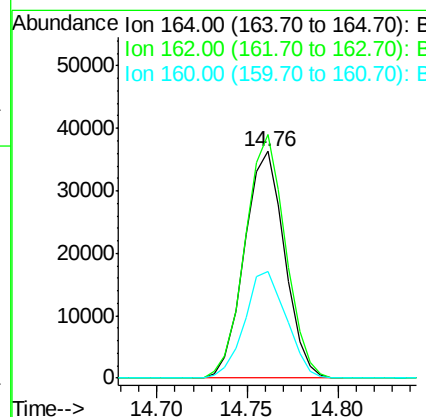
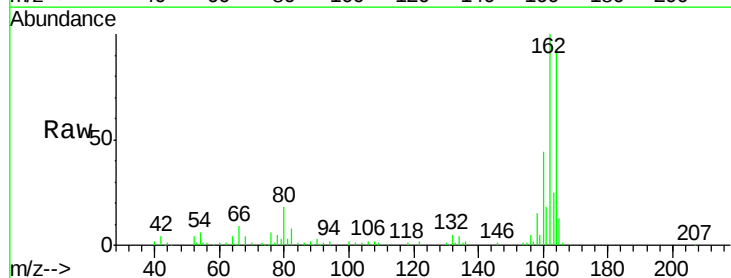
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-15(0-8)

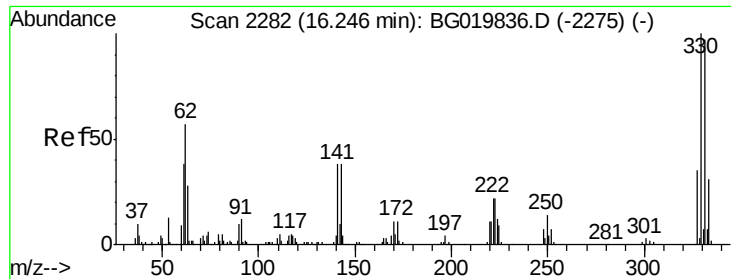
Tgt Ion:142 Resp: 14819
Ion Ratio Lower Upper
142 100
141 91.3 74.6 112.0
115 46.1 27.4 41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG019847.D
Acq: 2 Dec 2015 23:13

Tgt Ion:164 Resp: 55867
Ion Ratio Lower Upper
164 100
162 107.5 78.8 118.2
160 47.2 36.4 54.6

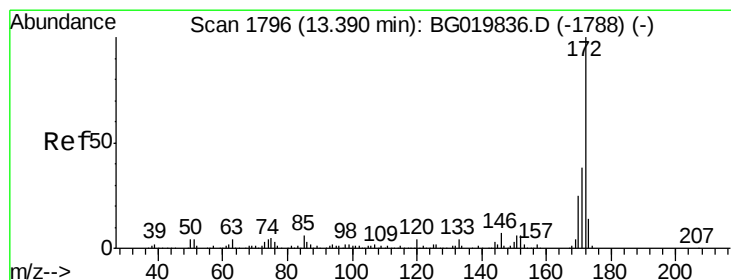
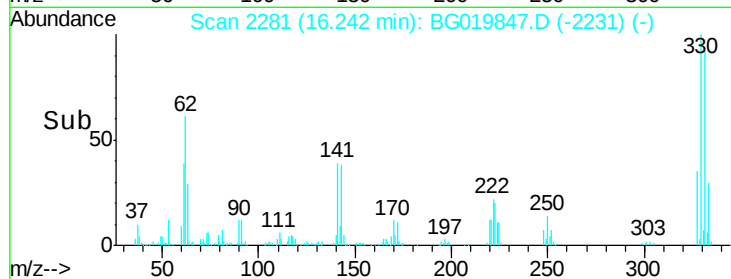
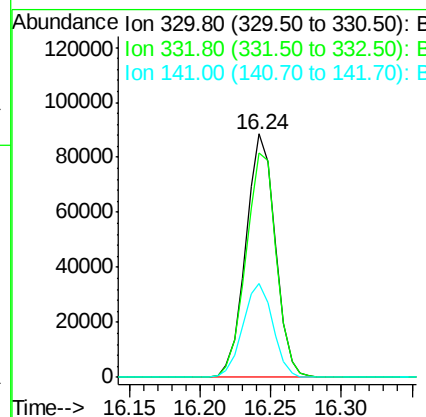
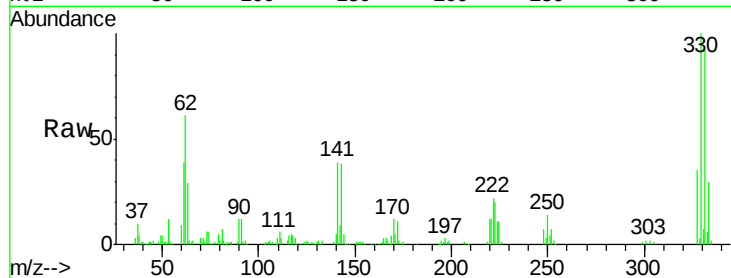




#41
 2,4,6-Tribromophenol
 Concen: 151.71 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG019847.D
 Acq: 2 Dec 2015 23:13

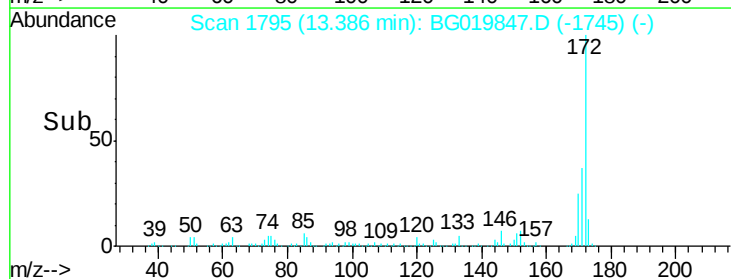
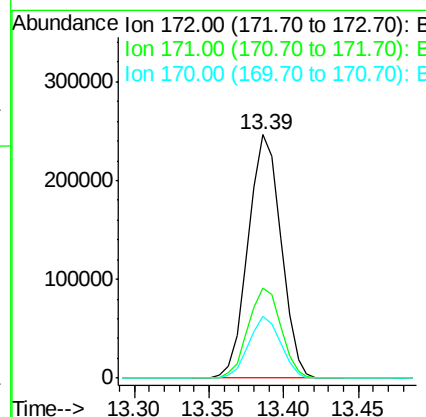
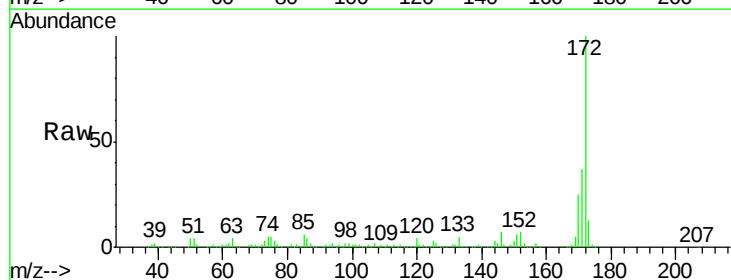
Instrument :
 BNA_G
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 SB-P3WC-15(0-8)

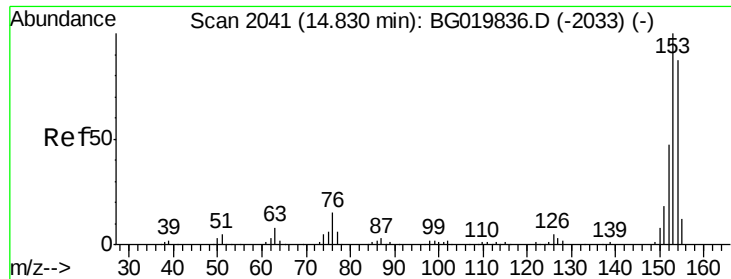
Tgt Ion:330 Resp: 129680
 Ion Ratio Lower Upper
 330 100
 332 94.6 78.1 117.1
 141 39.3 28.2 42.2



#44
 2-Fluorobiphenyl
 Concen: 91.56 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG019847.D
 Acq: 2 Dec 2015 23:13

Tgt Ion:172 Resp: 374609
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.6
 170 25.2 19.9 29.9





#51

Acenaphthene

Concen: 7.09 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG019847.D

Acq: 2 Dec 2015 23:13

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-15(0-8)

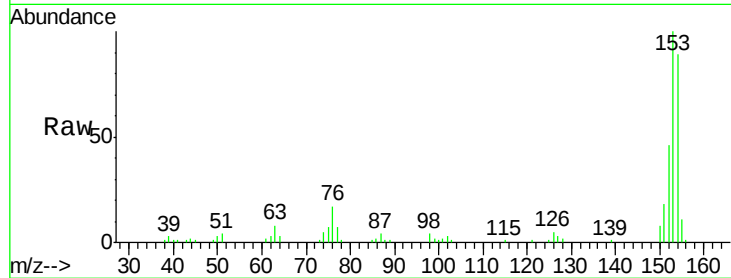
Tgt Ion:154 Resp: 25915

Ion Ratio Lower Upper

154 100

153 112.8 92.9 139.3

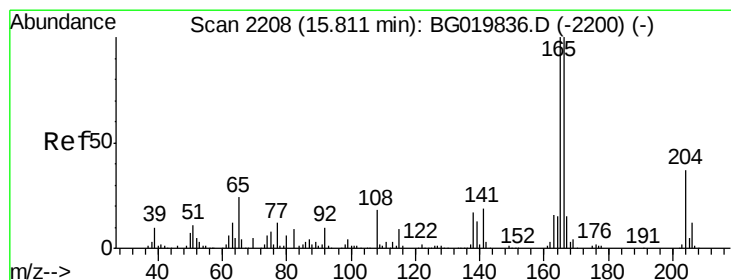
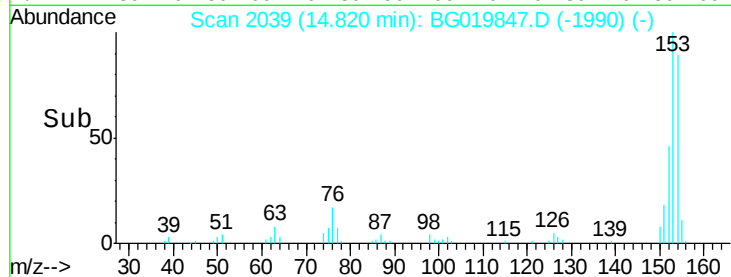
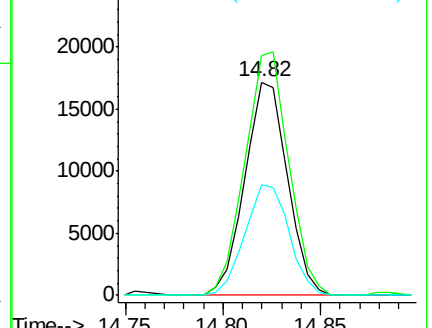
152 51.8 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 2.35 ng

RT: 15.80 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG019847.D

Acq: 2 Dec 2015 23:13

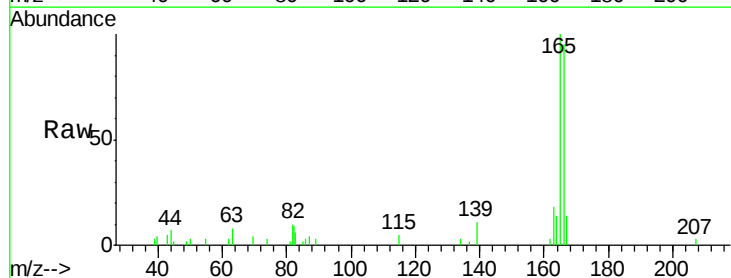
Tgt Ion:166 Resp: 11430

Ion Ratio Lower Upper

166 100

165 105.6 80.0 120.0

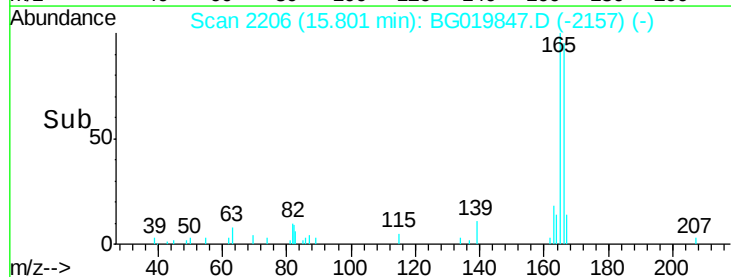
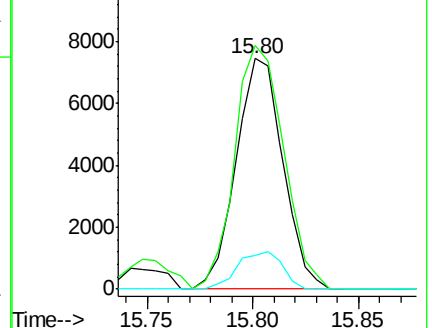
167 14.8 11.1 16.7

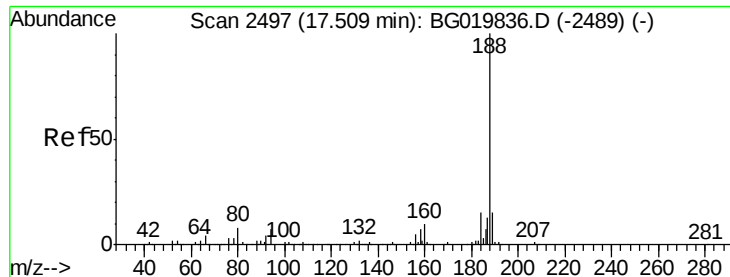


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

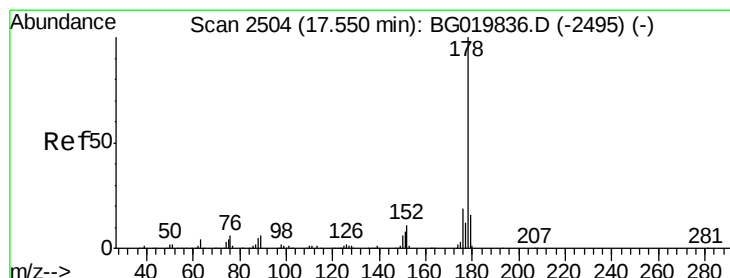
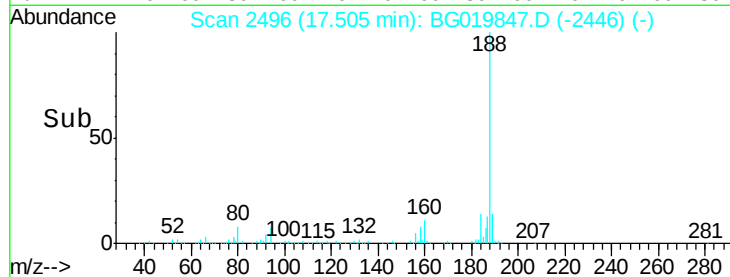
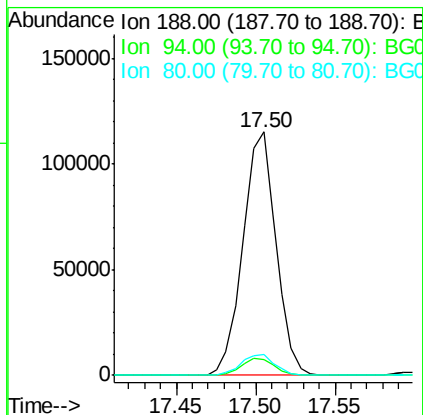
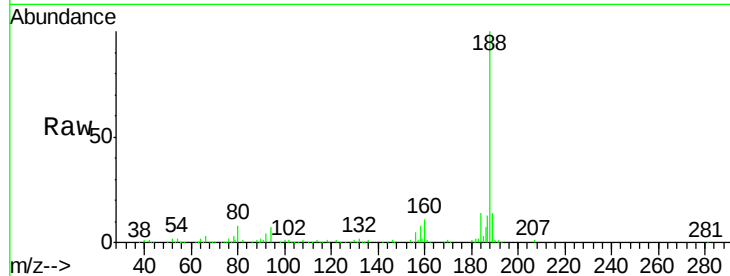




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BG019847.D
Acq: 2 Dec 2015 23:13

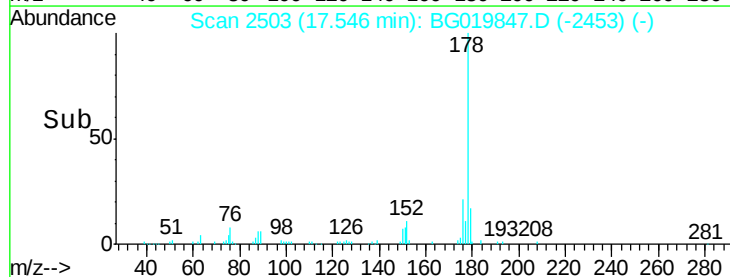
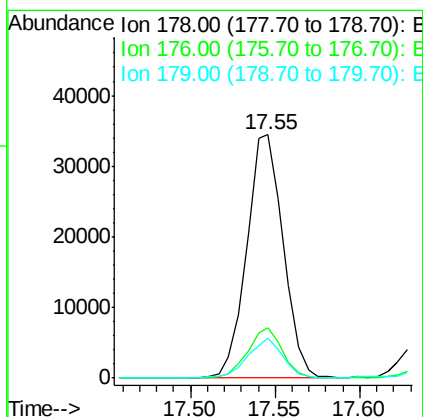
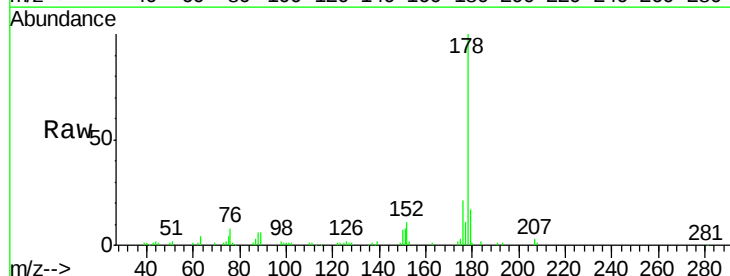
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-15(0-8)

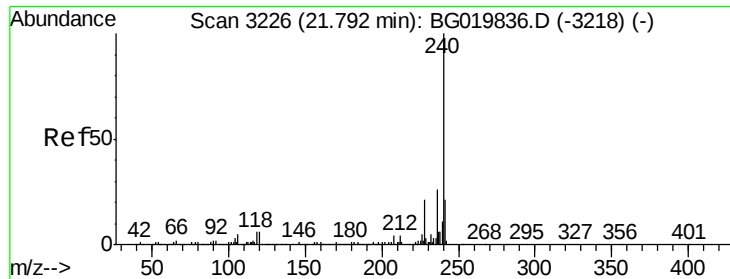
Tgt Ion:188 Resp: 166802
Ion Ratio Lower Upper
188 100
94 6.7 7.7 11.5#
80 8.4 7.8 11.8



#70
Phenanthrene
Concen: 5.46 ng
RT: 17.55 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG019847.D
Acq: 2 Dec 2015 23:13

Tgt Ion:178 Resp: 51537
Ion Ratio Lower Upper
178 100
176 20.6 16.7 25.1
179 16.7 13.9 20.9

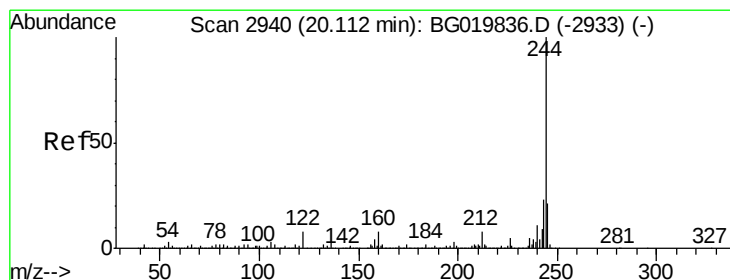
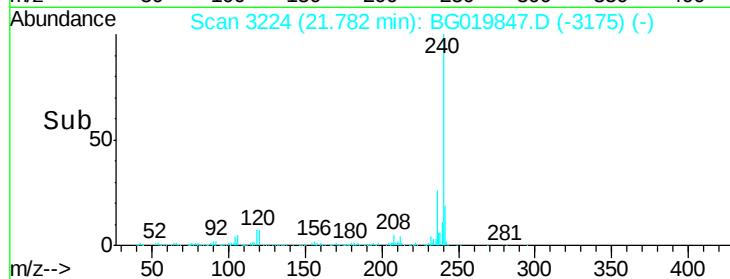
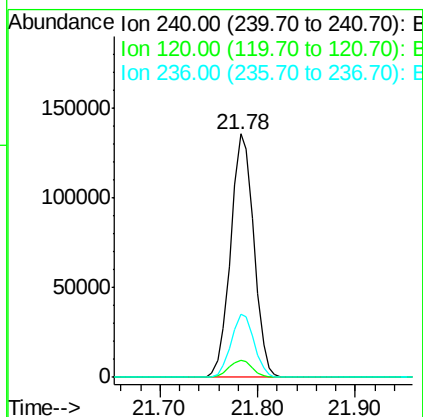
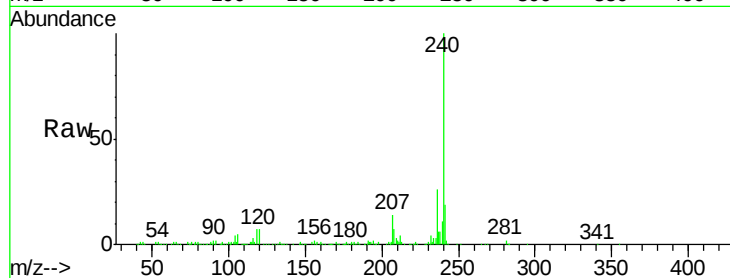




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.78 min Scan# 3224
 Delta R.T. -0.01 min
 Lab File: BG019847.D
 Acq: 2 Dec 2015 23:13

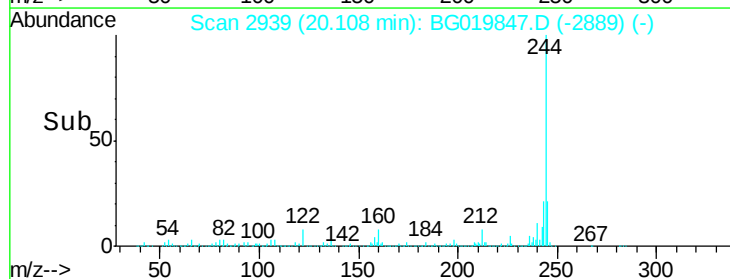
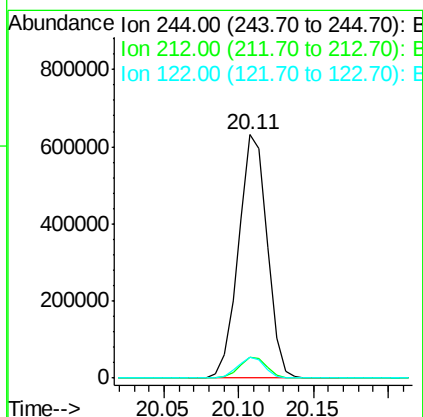
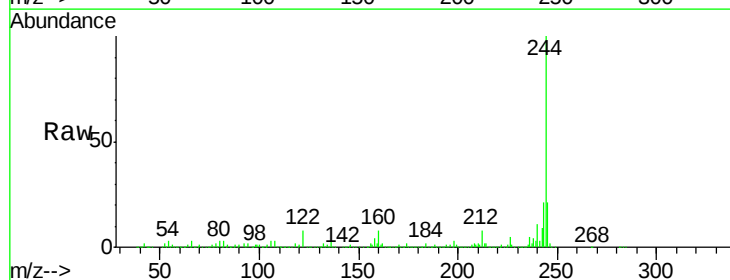
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-15(0-8)

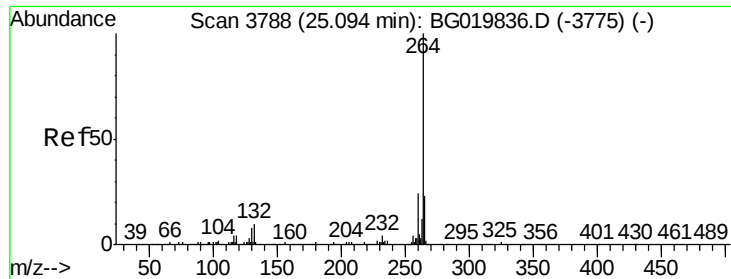
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	7.4	11.0#
236	25.8	20.7	31.1



#78
 Terphenyl-d14
 Concen: 91.67 ng
 RT: 20.11 min Scan# 2939
 Delta R.T. -0.00 min
 Lab File: BG019847.D
 Acq: 2 Dec 2015 23:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	8.4	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.09 min Scan# 3787
Delta R.T. -0.00 min
Lab File: BG019847.D
Acq: 2 Dec 2015 23:13

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-15(0-8)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.5	27.7
265	21.0	17.2	25.8

