

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
 Data File : BG019535.D
 Acq On : 9 Nov 2015 16:31
 Operator : UM/NP
 Sample : G4245-17DL2 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL2

Quant Time: Nov 10 00:17:27 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 10 00:14:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	28711	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	123969	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	100633	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	294455	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	393324	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	369665	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.32	99	455	0.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	959	0.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	870	0.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	358	0.17	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	174	0.19	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.09	143	133	0.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.61	165	844	0.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	281	0.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	6718	0.81	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	6665	0.73	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	230	0.17	ng/ul	0.01
58) Fluorene-d10	15.79	176	6392	0.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	736	0.39	ng/ul	0.00
71) Anthracene-d10	17.64	188	11916	0.89	ng/ul	0.00
79) Pyrene-d10	19.92	212	12974	0.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	14360	0.77	ng/ul	-0.01

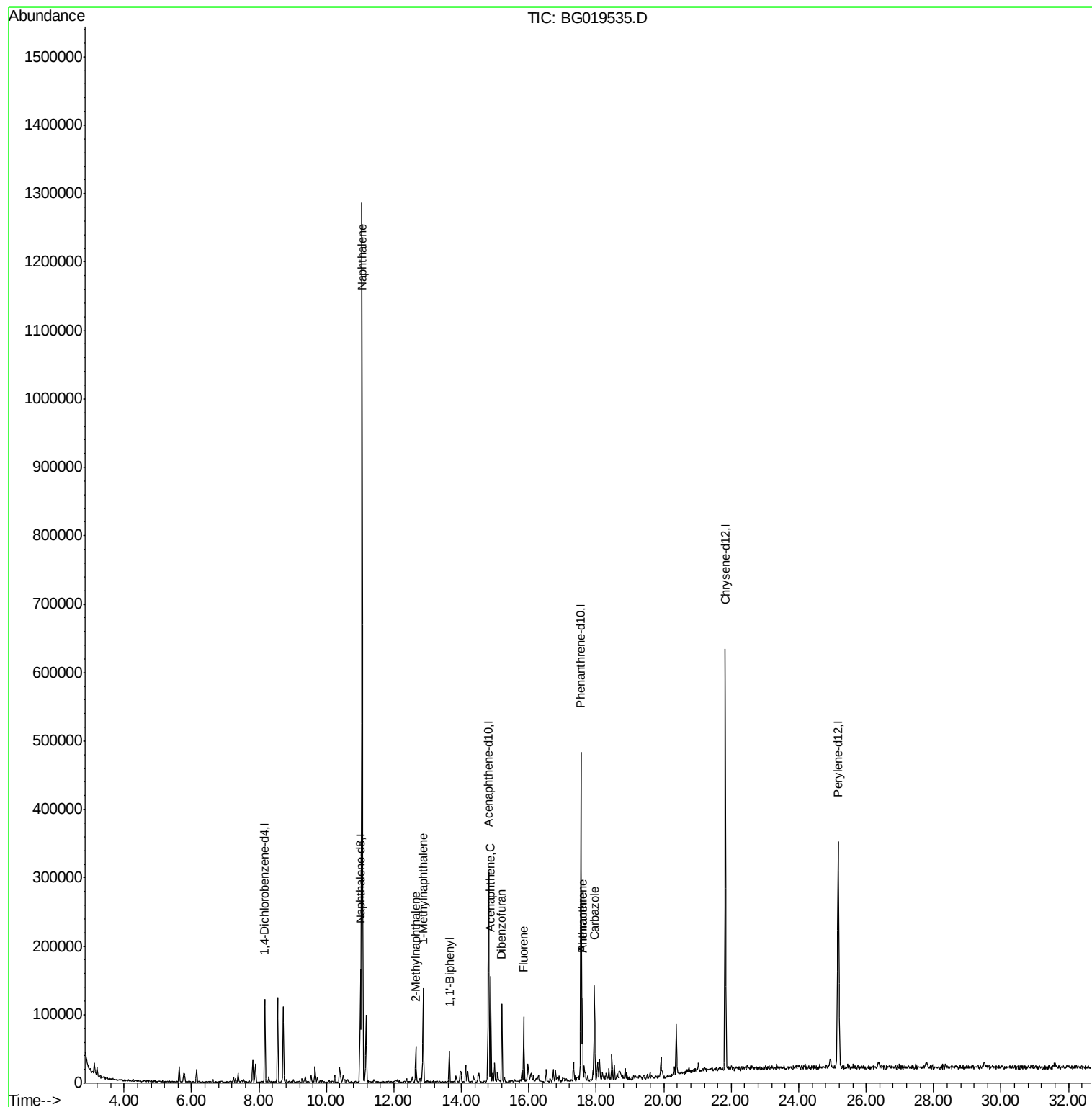
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	11.06	128	949193	153.03	ng/ul	96
34) 2-Methylnaphthalene	12.64	142	20317	4.08	ng/ul	86
35) 1-Methylnaphthalene	12.86	142	56408	11.96	ng/ul#	96
41) 1,1'-Biphenyl	13.64	154	21928	3.08	ng/ul#	97
50) Acenaphthene	14.87	153	60743	9.56	ng/ul	94
54) Dibenzofuran	15.20	168	62599	6.69	ng/ul	93
59) Fluorene	15.85	166	40076	4.91	ng/ul	97
70) Phenanthrene	17.59	178	65289	4.39	ng/ul	99
72) Anthracene	17.59	178	65289	4.31	ng/ul	99
75) Carbazole	17.95	167	87381	7.23	ng/ul	97

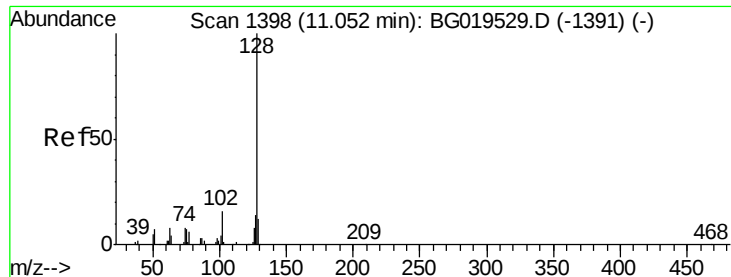
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019535.D
Acq On : 9 Nov 2015 16:31
Operator : UM/NP
Sample : G4245-17DL2 50X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY52DL2

Quant Time: Nov 10 00:17:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 00:14:14 2015
Response via : Initial Calibration

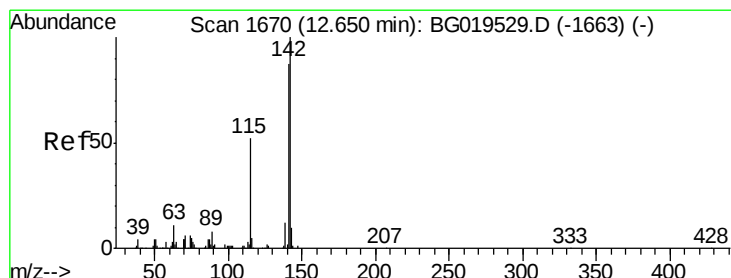
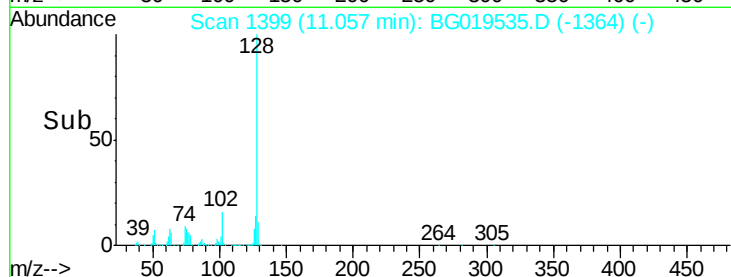
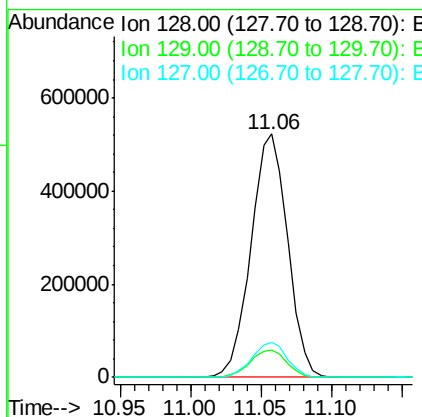
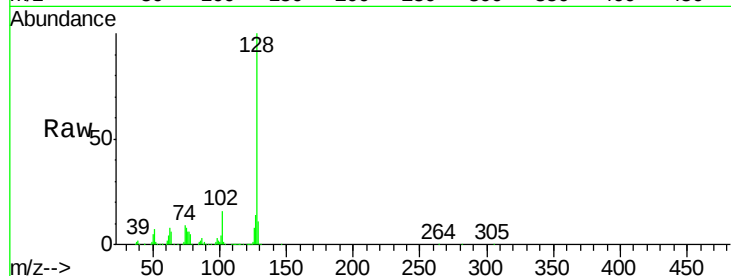




#28
Naphthalene
Concen: 153.03 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BG019535.D
Acq: 9 Nov 2015 16:31

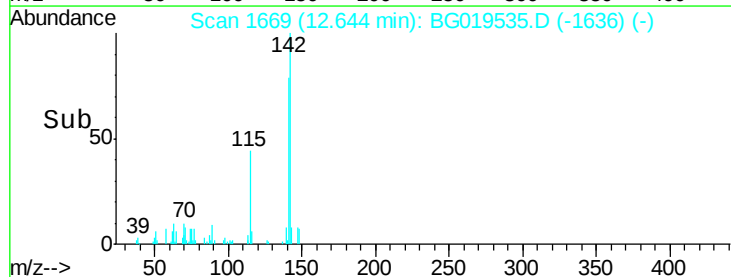
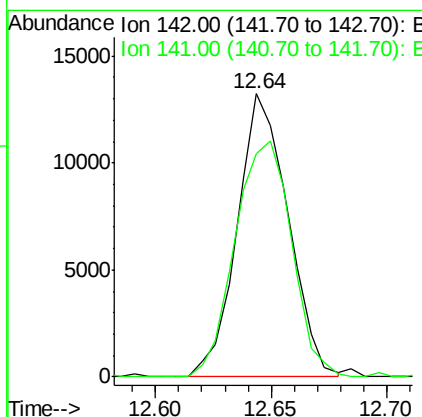
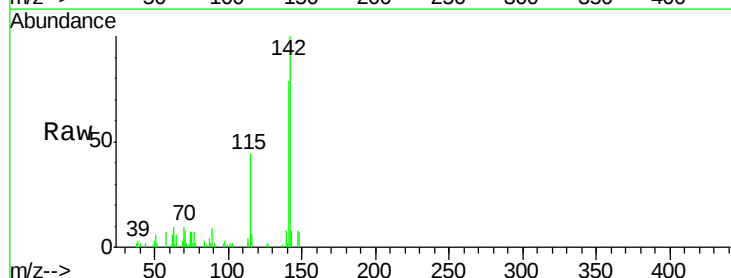
Instrument :
BNA_G
ClientSampleId :
BCY52DL2

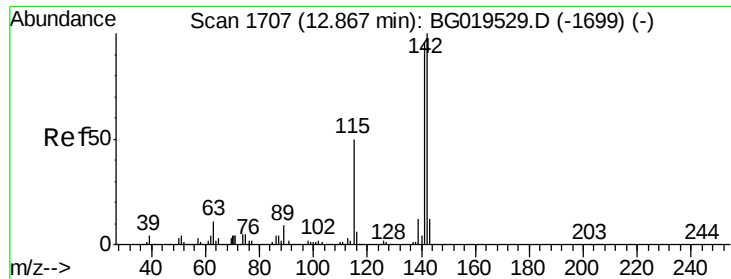
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	14.2	13.1	19.7



#34
2-Methylnaphthalene
Concen: 4.08 ng/ul
RT: 12.64 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG019535.D
Acq: 9 Nov 2015 16:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	78.6	73.4	110.2

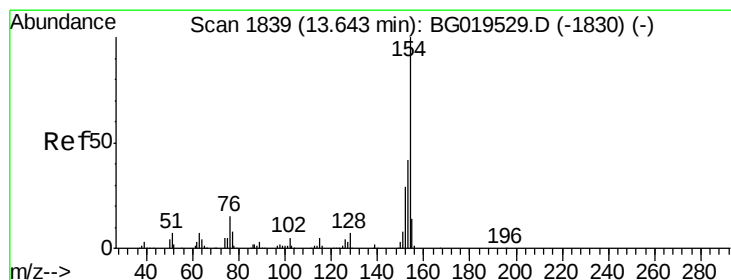
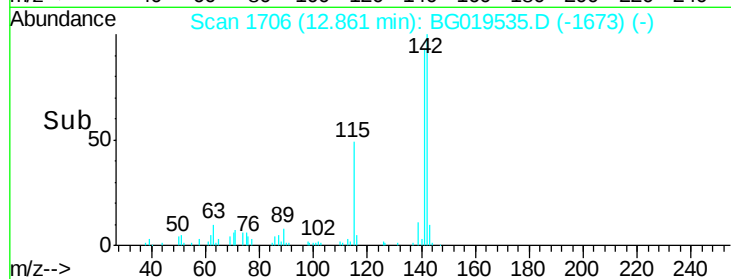
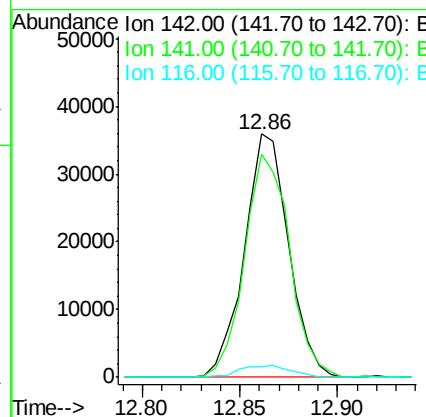
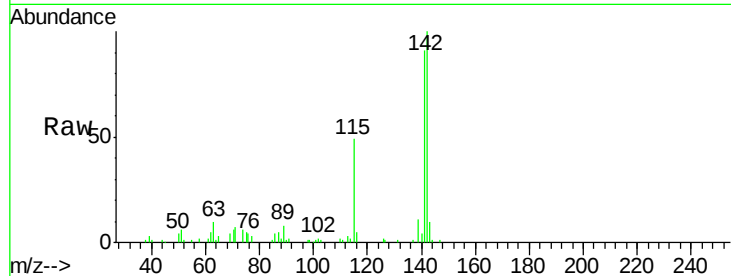




#35
 1-Methylnaphthalene
 Concen: 11.96 ng/ul
 RT: 12.86 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG019535.D
 Acq: 9 Nov 2015 16:31

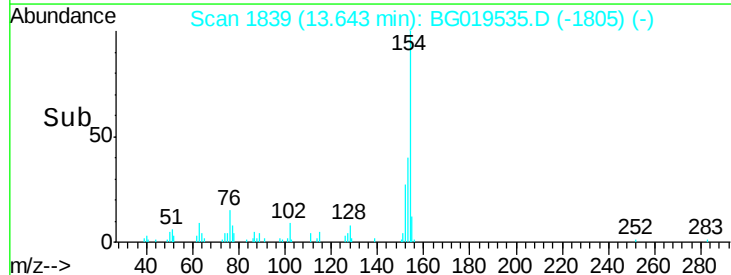
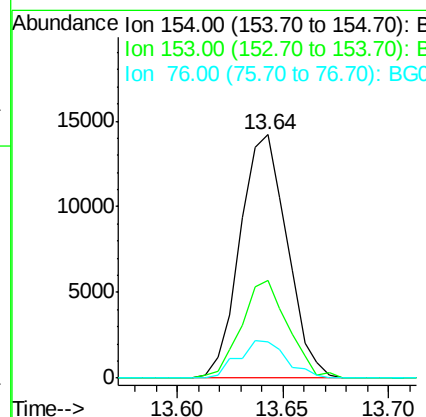
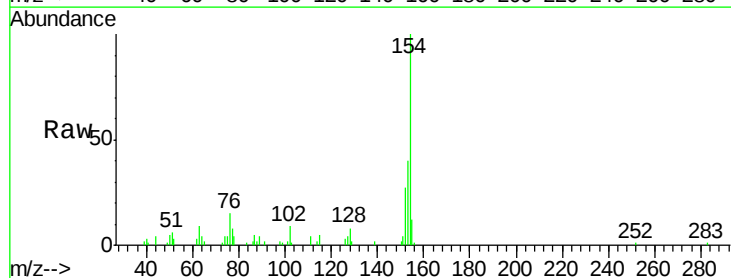
Instrument :
 BNA_G
 ClientSampleID :
 BCY52DL2

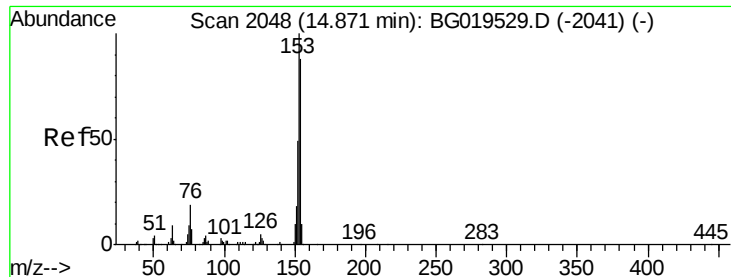
Tot Ion:142 Resp: 56408
 Ion Ratio Lower Upper
 142 100
 141 91.4 76.5 114.7
 116 4.6 5.4 8.0#



#41
 1,1'-Biphenyl
 Concen: 3.08 ng/ul
 RT: 13.64 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG019535.D
 Acq: 9 Nov 2015 16:31

Tgt Ion:154 Resp: 21928
 Ion Ratio Lower Upper
 154 100
 153 40.4 32.8 49.2
 76 14.8 7.7 11.5#





#50

Acenaphthene

Concen: 9.56 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG019535.D

Acq: 9 Nov 2015 16:31

Instrument :

BNA_G

ClientSampleId :

BCY52DL2

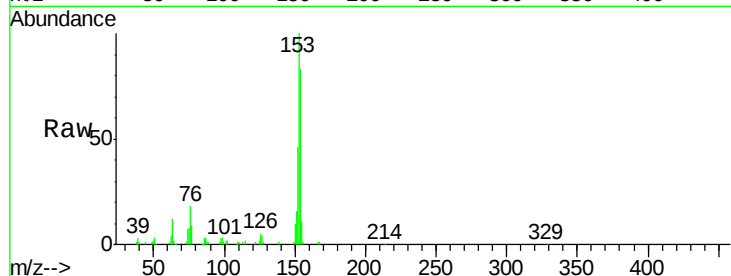
Tot Ion:153 Resp: 60743

Ion Ratio Lower Upper

153 100

152 46.2 38.8 58.2

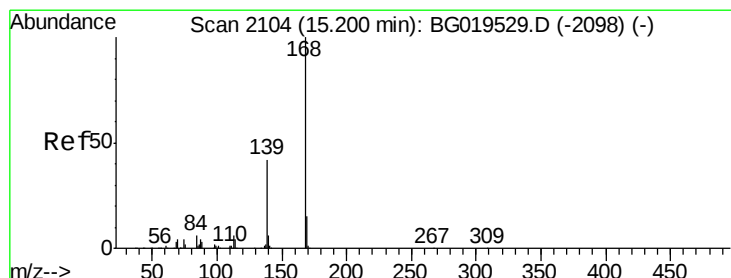
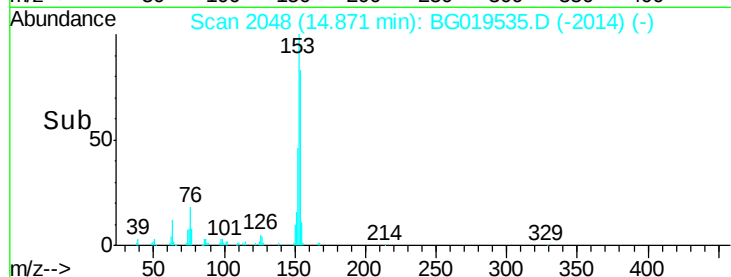
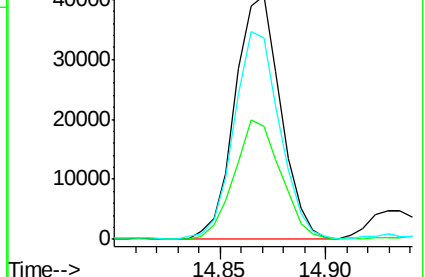
154 82.9 71.5 107.3



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 6.69 ng/ul

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG019535.D

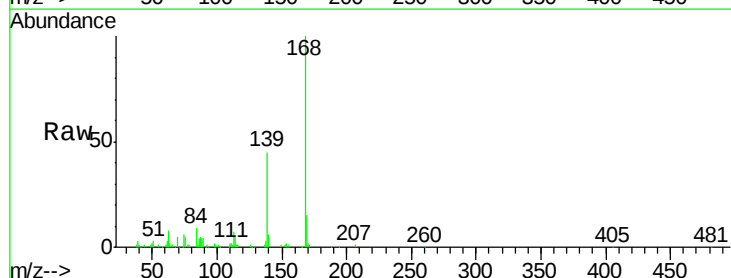
Acq: 9 Nov 2015 16:31

Tgt Ion:168 Resp: 62599

Ion Ratio Lower Upper

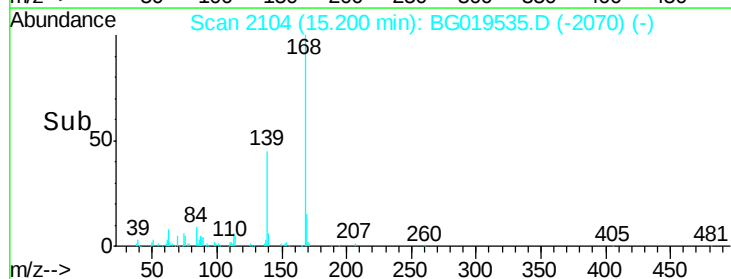
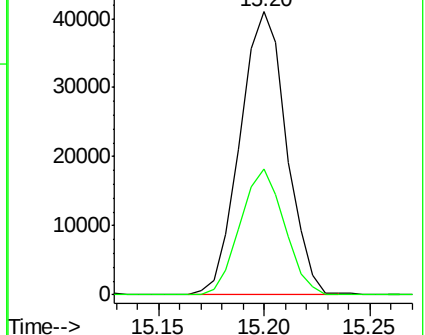
168 100

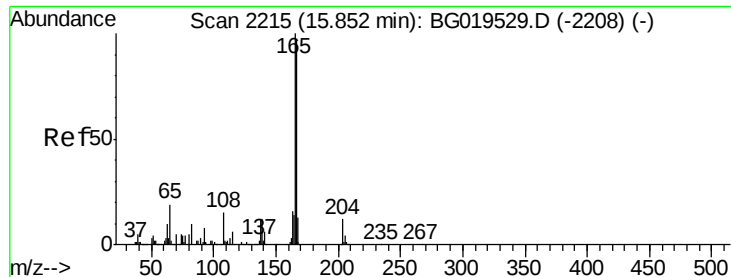
139 44.7 32.4 48.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 4.91 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG019535.D

Acq: 9 Nov 2015 16:31

Instrument :

BNA_G

ClientSampleId :

BCY52DL2

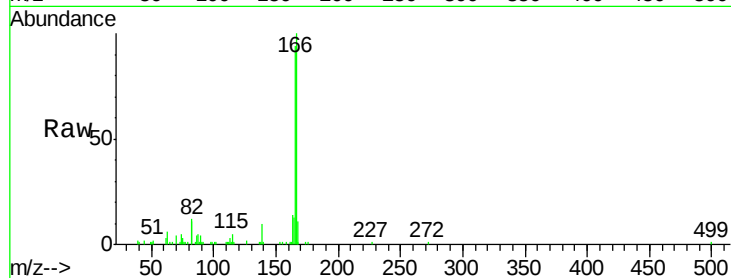
Tot Ion:166 Resp: 40076

Ion Ratio Lower Upper

166 100

165 93.8 77.6 116.4

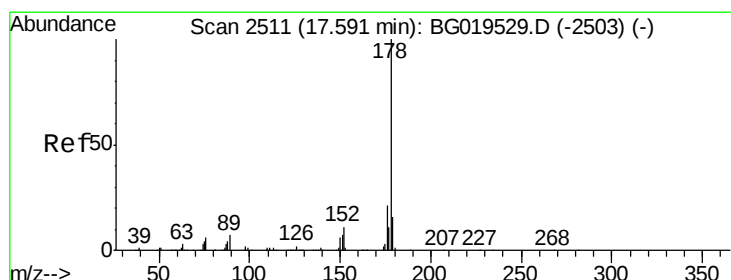
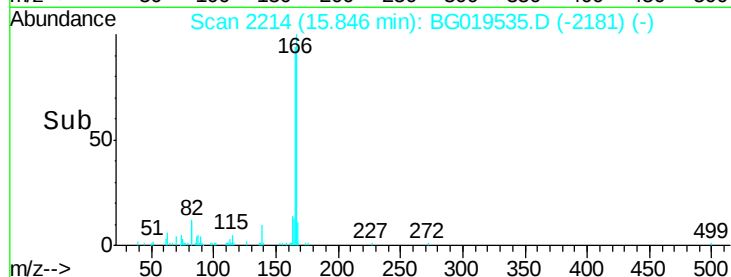
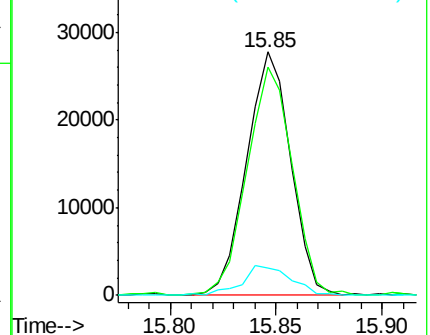
167 11.2 9.6 14.4



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



#70

Phenanthrene

Concen: 4.39 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BG019535.D

Acq: 9 Nov 2015 16:31

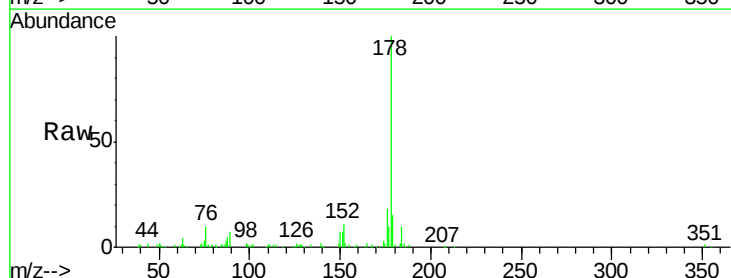
Tgt Ion:178 Resp: 65289

Ion Ratio Lower Upper

178 100

179 14.9 12.6 18.8

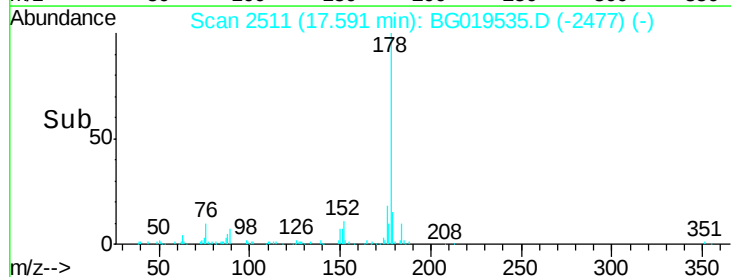
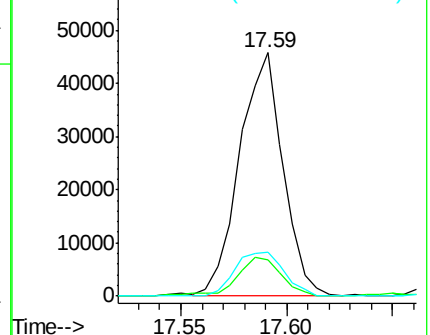
176 17.9 14.3 21.5

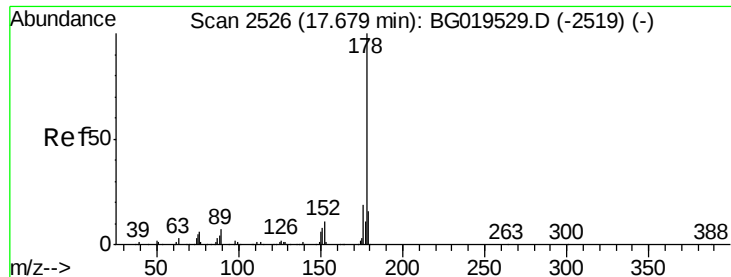


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

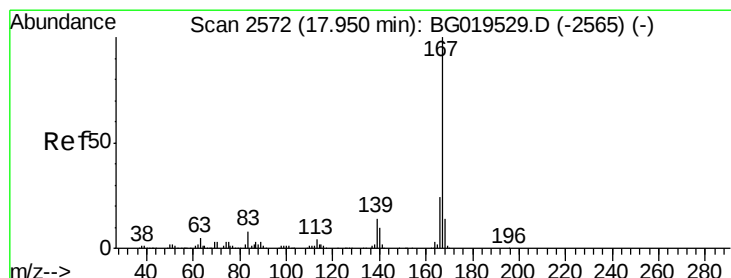
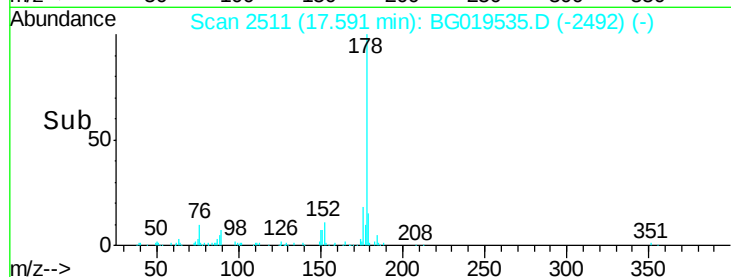
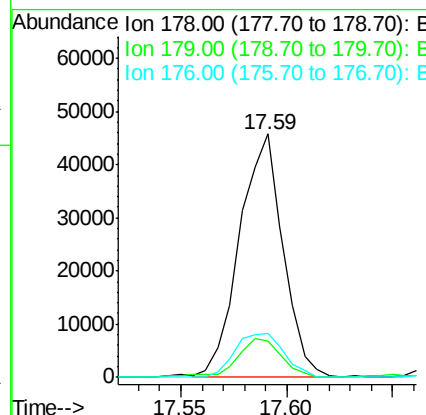
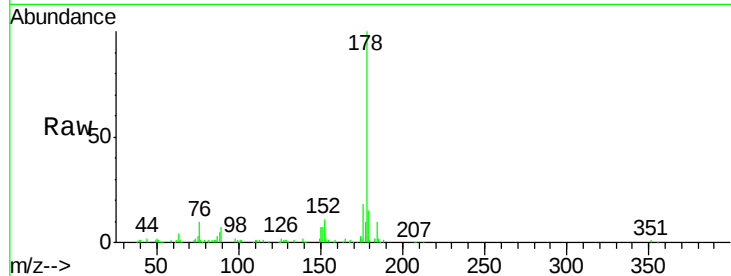




#72
 Anthracene
 Concen: 4.31 ng/ul
 RT: 17.59 min Scan# 2511
 Delta R.T. -0.09 min
 Lab File: BG019535.D
 Acq: 9 Nov 2015 16:31

Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL2

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.6	17.4
176	17.9	14.2	21.4



#75
 Carbazole
 Concen: 7.23 ng/ul
 RT: 17.95 min Scan# 2572
 Delta R.T. -0.00 min
 Lab File: BG019535.D
 Acq: 9 Nov 2015 16:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.2	16.8	25.2
139	12.9	9.8	14.6

