

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
 Data File : BG019533.D
 Acq On : 9 Nov 2015 15:15
 Operator : UM/NP
 Sample : G4245-15DL2 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY50DL

Quant Time: Nov 10 00:17:04 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	31784	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	132648	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	104544	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	310294	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	414027	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	393895	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	233	0.35	ng/uL	0.00
5) Phenol-d5	7.33	99	249	0.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	3083	1.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	1748	0.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	898	0.39	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	893	0.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	766	0.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	3126	1.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	331	0.13	ng/ul	-0.02
44) Dimethylphthalate-d6	14.20	166	13362	1.55	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	13261	1.39	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	198	0.14	ng/ul	0.02
58) Fluorene-d10	15.79	176	12474	1.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	589	0.29	ng/ul	0.00
71) Anthracene-d10	17.64	188	21976	1.55	ng/ul	0.00
79) Pyrene-d10	19.92	212	24322	1.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.92	264	11528	0.58	ng/ul	-0.02

Target Compounds

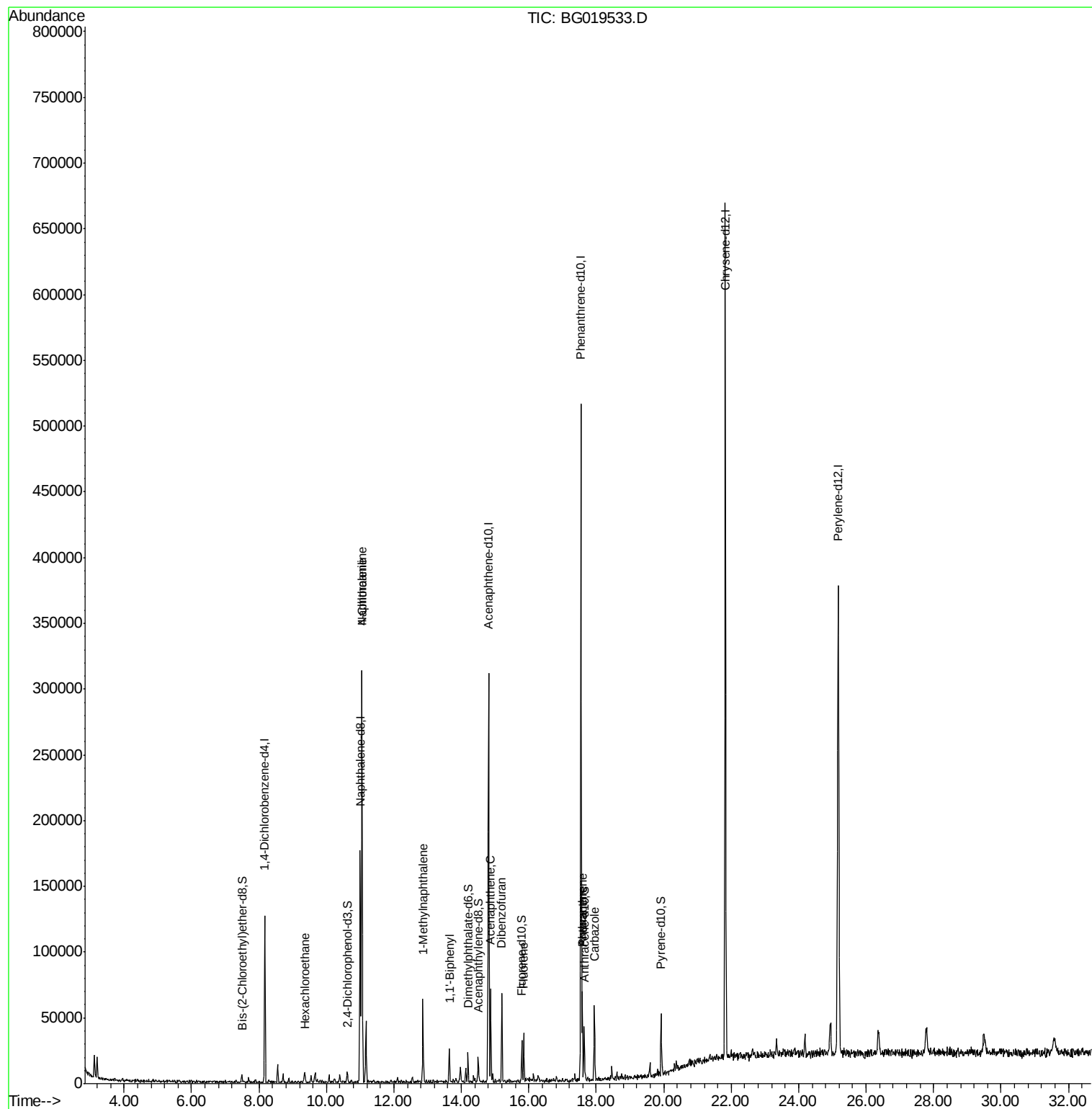
						Ovalue
17) Hexachloroethane	9.37	117	2259	2.31	ng/ul#	1
28) Naphthalene	11.05	128	235468	35.48	ng/ul	96
30) 4-Chloroaniline	11.06	127	31091	11.68	ng/ul#	27
35) 1-Methylnaphthalene	12.86	142	23352	4.63	ng/ul#	98
41) 1,1'-Biphenyl	13.64	154	13220	1.79	ng/ul#	94
50) Acenaphthene	14.87	153	28152	4.26	ng/ul	91
54) Dibenzofuran	15.20	168	40267	4.14	ng/ul	97
59) Fluorene	15.85	166	15312	1.80	ng/ul#	79
70) Phenanthrene	17.59	178	40687	2.60	ng/ul	98
72) Anthracene	17.59	178	40687	2.55	ng/ul	99
75) Carbazole	17.94	167	35889	2.82	ng/ul#	97

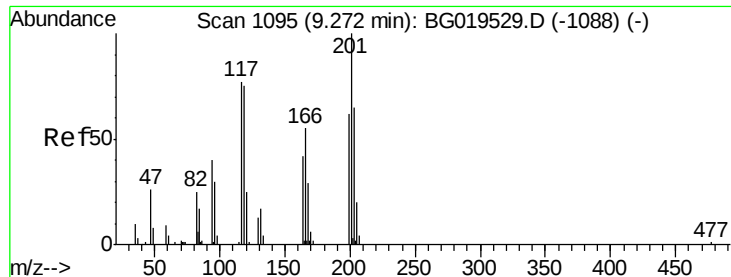
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#17

Hexachloroethane

Concen: 2.31 ng/ul

RT: 9.37 min Scan# 1111

Delta R.T. 0.09 min

Lab File: BG019533.D

Acq: 9 Nov 2015 15:15

Instrument :

BNA_G

ClientSampleId :

BCY50DL

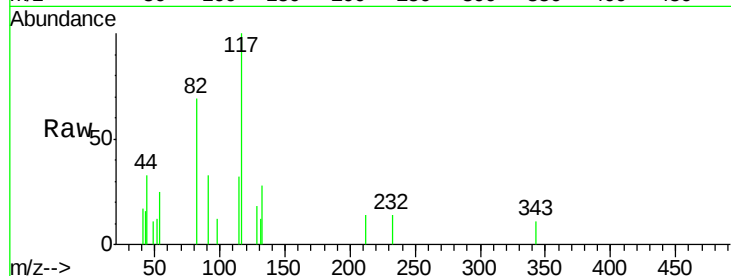
Tot Ion:117 Resp: 2259

Ion Ratio Lower Upper

117 100

201 0.0 101.4 152.0#

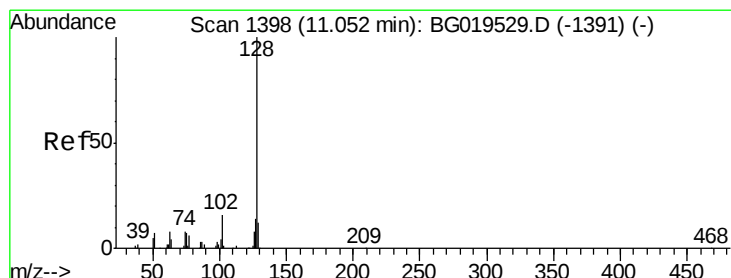
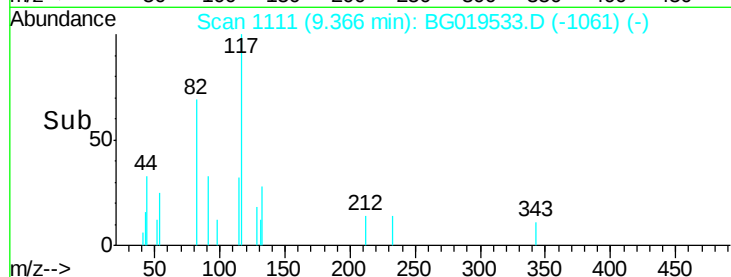
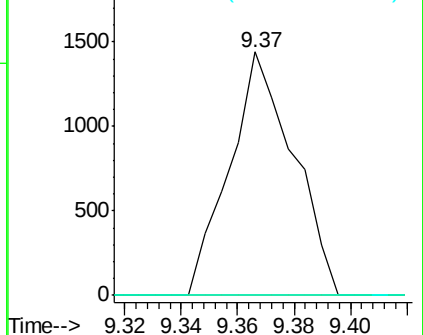
199 0.0 71.7 107.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 35.48 ng/ul

RT: 11.05 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BG019533.D

Acq: 9 Nov 2015 15:15

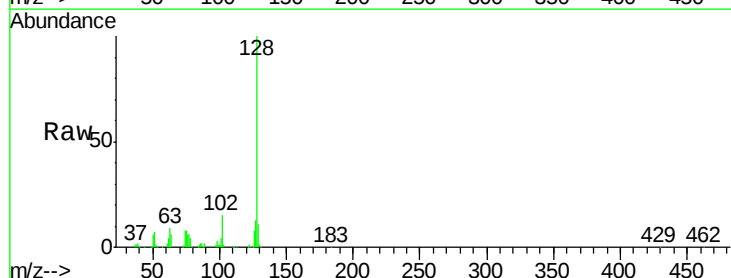
Tgt Ion:128 Resp: 235468

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

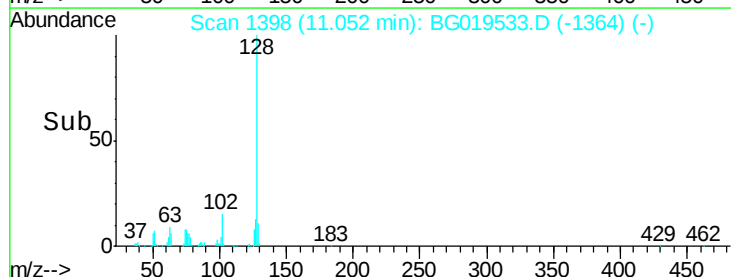
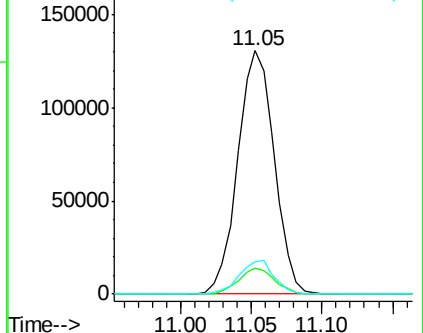
127 13.5 13.1 19.7

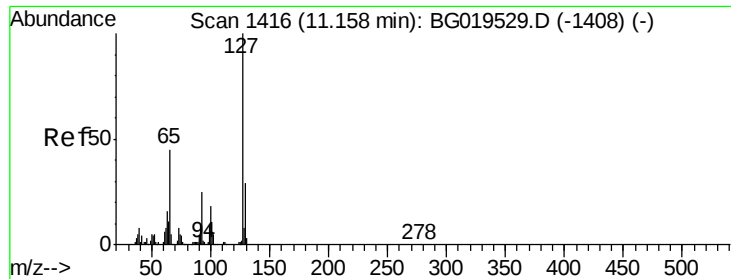


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

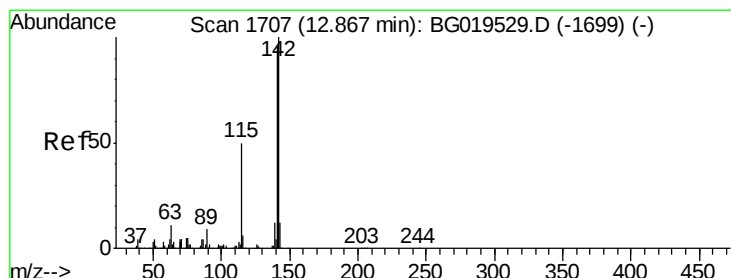
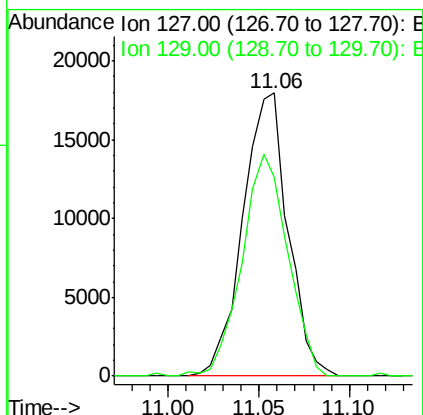
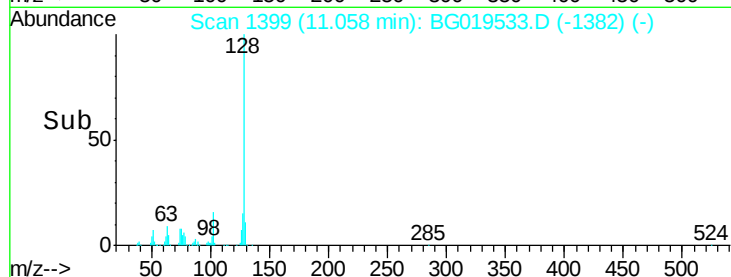
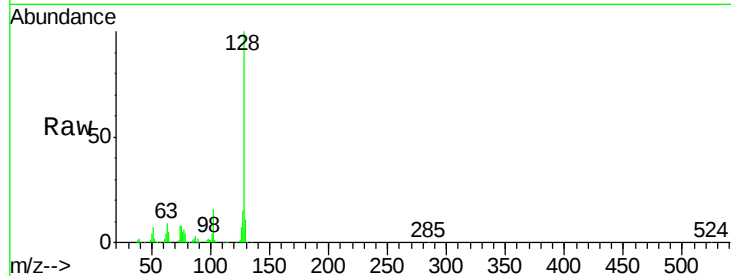




#30
 4-Chloroaniline
 Concen: 11.68 ng/ul
 RT: 11.06 min Scan# 1399
 Delta R.T. -0.10 min
 Lab File: BG019533.D
 Acq: 9 Nov 2015 15:15

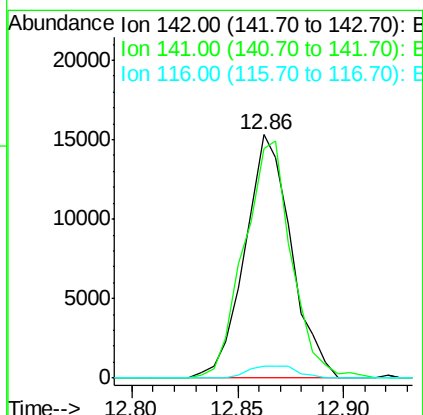
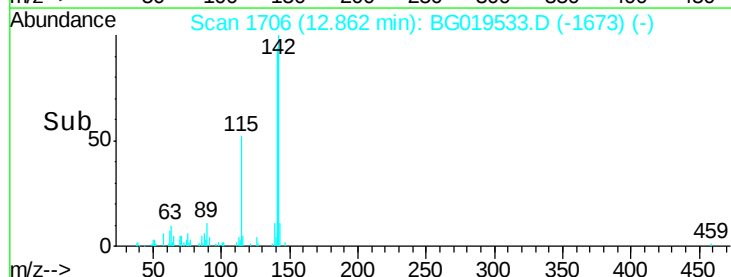
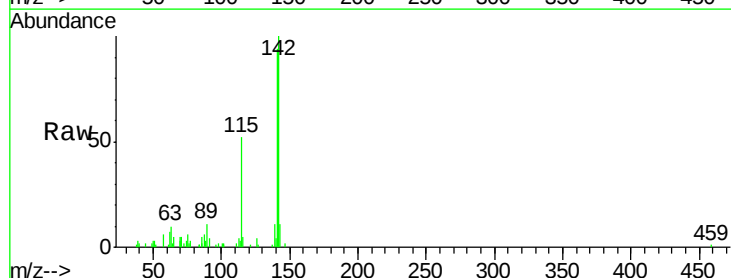
Instrument :
 BNA_G
 ClientSampleId :
 BCY50DL

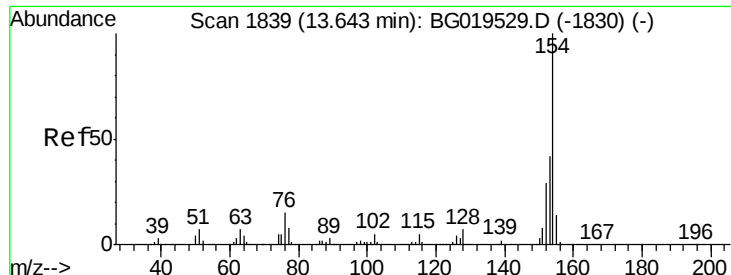
Tot Ion:127 Resp: 31091
 Ion Ratio Lower Upper
 127 100
 129 70.4 24.6 36.8#



#35
 1-Methylnaphthalene
 Concen: 4.63 ng/ul
 RT: 12.86 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG019533.D
 Acq: 9 Nov 2015 15:15

Tgt Ion:142 Resp: 23352
 Ion Ratio Lower Upper
 142 100
 141 94.2 76.5 114.7
 116 5.2 5.4 8.0#

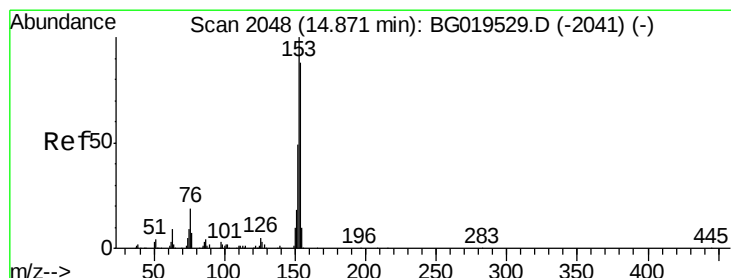
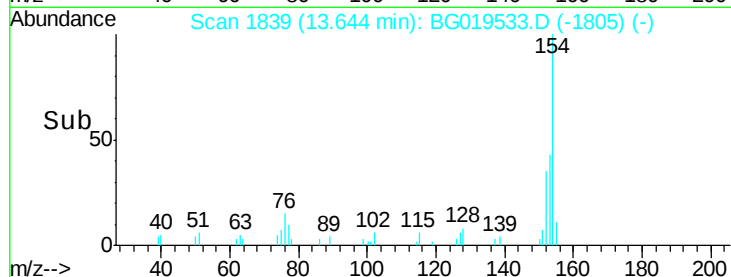
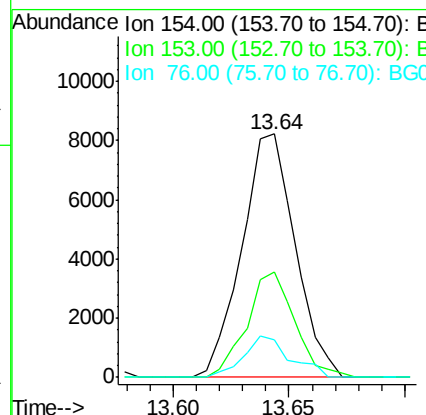
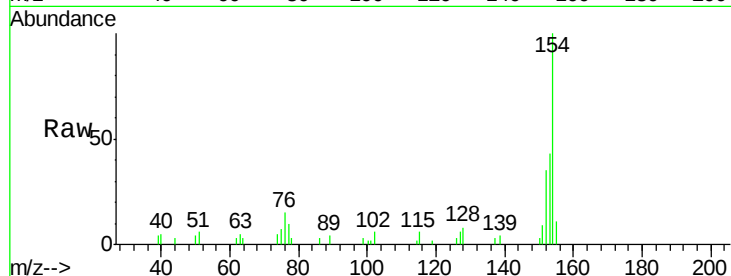




#41
 1,1'-Biphenyl
 Concen: 1.79 ng/ul
 RT: 13.64 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BG019533.D
 Acq: 9 Nov 2015 15:15

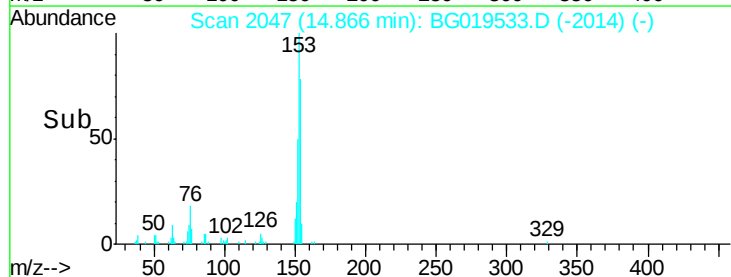
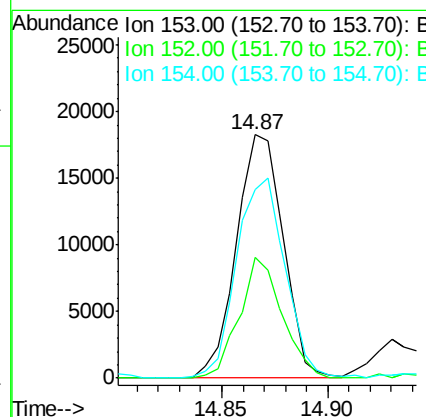
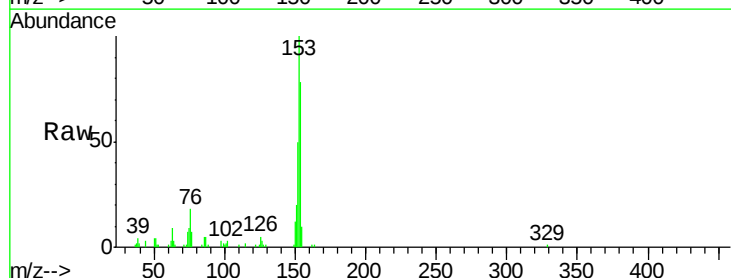
Instrument :
 BNA_G
 ClientSampled :
 BCY50DL

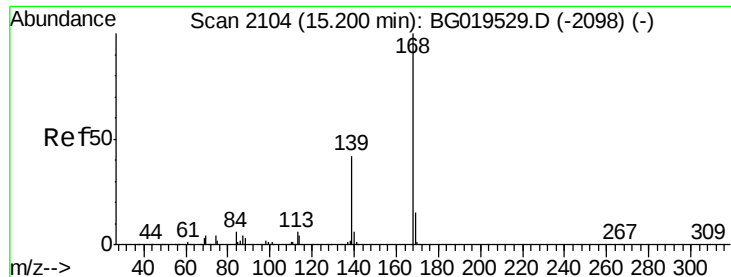
Tot Ion	154	Resp	13220
Ion Ratio	100	Lower	Upper
153	43.1	32.8	49.2
76	15.3	7.7	11.5#



#50
 Acenaphthene
 Concen: 4.26 ng/ul
 RT: 14.87 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BG019533.D
 Acq: 9 Nov 2015 15:15

Tgt Ion	153	Resp	28152
Ion Ratio	100	Lower	Upper
152	49.5	38.8	58.2
154	77.6	71.5	107.3





#54

Dibenzenofuran

Concen: 4.14 ng/ul

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG019533.D

Acq: 9 Nov 2015 15:15

Instrument :

BNA_G

ClientSampleId :

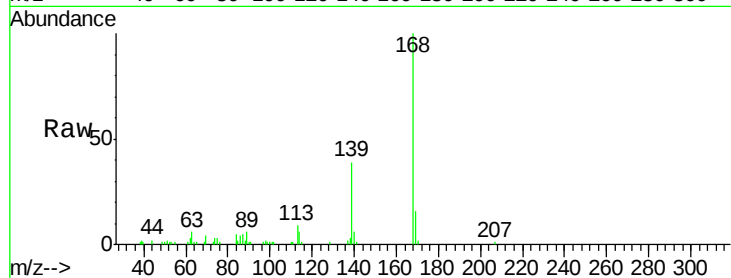
BCY50DL

Tot Ion:168 Resp: 40267

Ion Ratio Lower Upper

168 100

139 38.8 32.4 48.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.20

30000

25000

20000

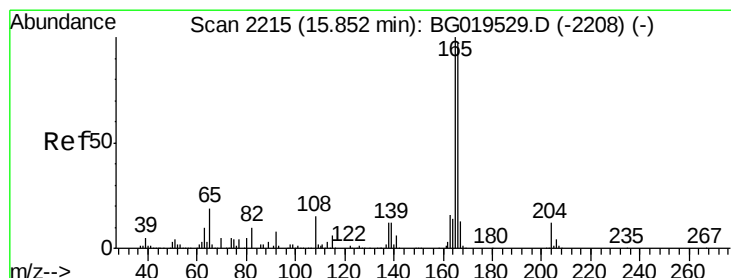
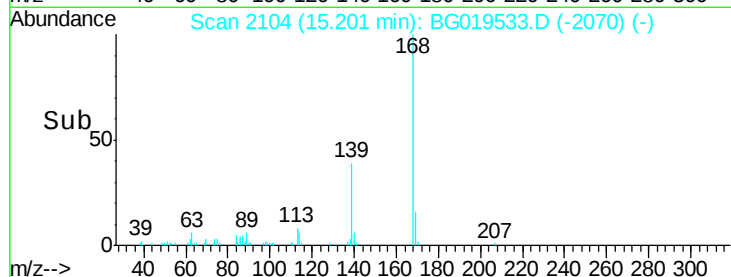
15000

10000

5000

0

Time--> 15.15 15.20 15.25



#59

Fluorene

Concen: 1.80 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG019533.D

Acq: 9 Nov 2015 15:15

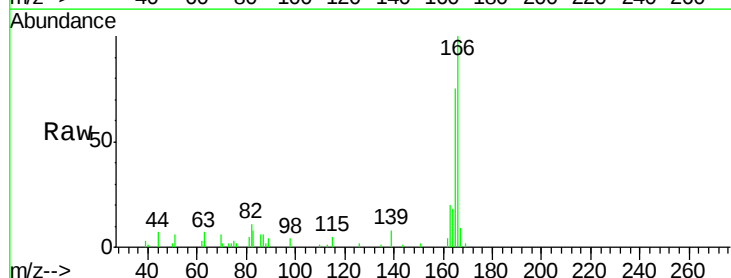
Tgt Ion:166 Resp: 15312

Ion Ratio Lower Upper

166 100

165 74.9 77.6 116.4#

167 8.8 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

15.85

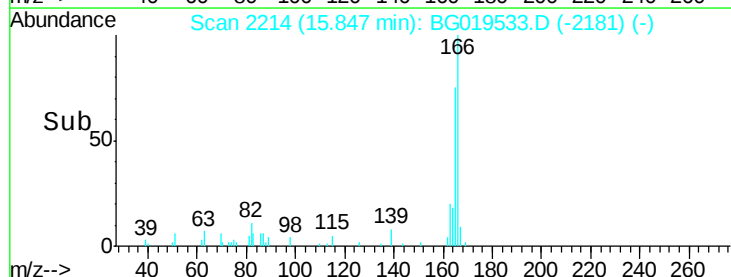
15000

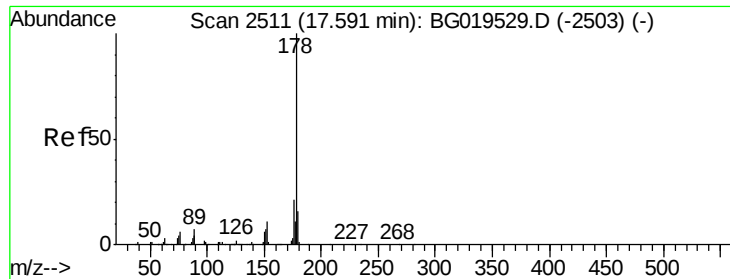
10000

5000

0

Time--> 15.80 15.85





#70

Phenanthrene

Concen: 2.60 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG019533.D

Acq: 9 Nov 2015 15:15

Instrument :

BNA_G

ClientSampleId :

BCY50DL

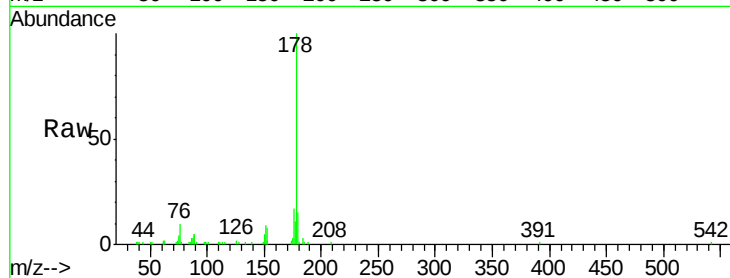
Tot Ion:178 Resp: 40687

Ion Ratio Lower Upper

178 100

179 14.6 12.6 18.8

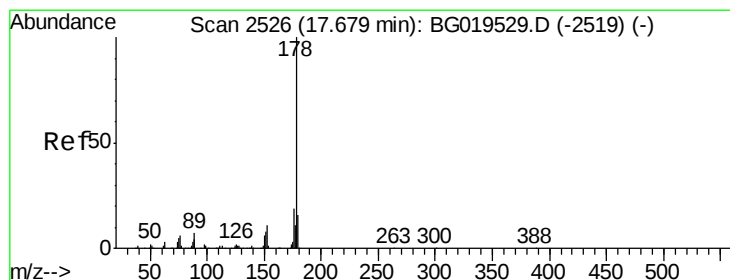
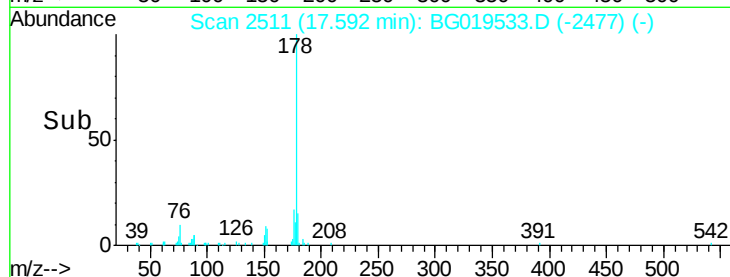
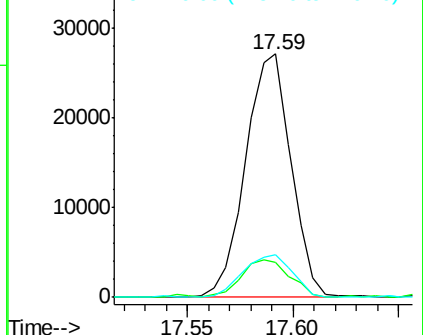
176 17.3 14.3 21.5



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: 2.55 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.09 min

Lab File: BG019533.D

Acq: 9 Nov 2015 15:15

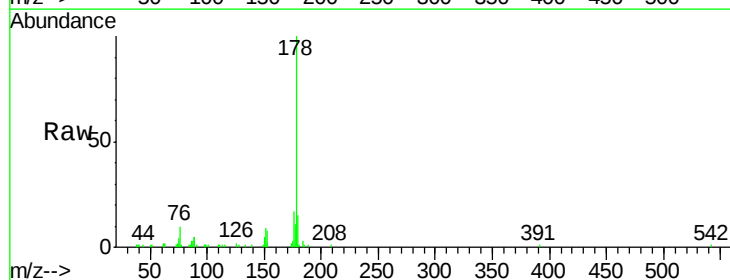
Tgt Ion:178 Resp: 40687

Ion Ratio Lower Upper

178 100

179 14.6 11.6 17.4

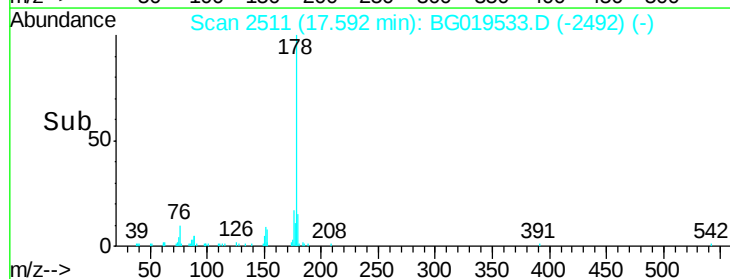
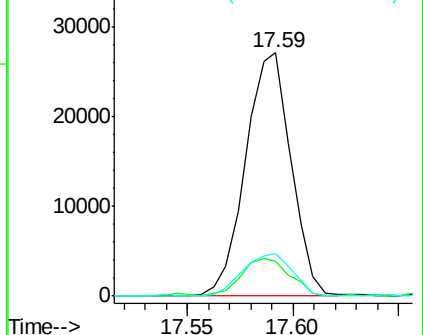
176 17.3 14.2 21.4

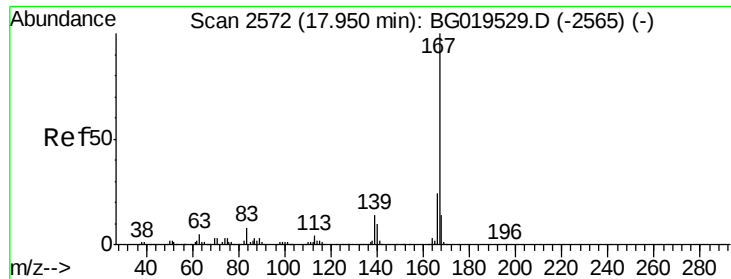


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

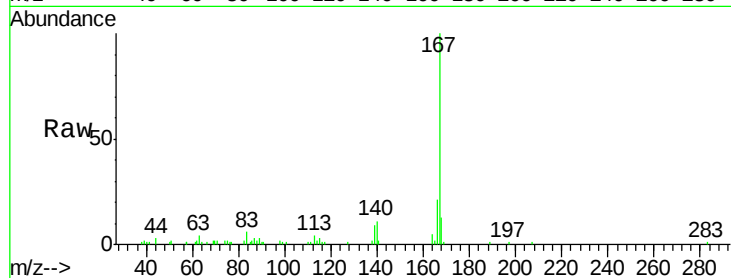




#75
 Carbazole
 Concen: 2.82 ng/ul
 RT: 17.94 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BG019533.D
 Acq: 9 Nov 2015 15:15

Instrument :
 BNA_G
 ClientSampleId :
 BCY50DL

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.8	25.2
139	9.0	9.8	14.6#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

