

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
 Data File : BG019540.D
 Acq On : 9 Nov 2015 19:42
 Operator : UM/NP
 Sample : G4245-18DL3 100X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY53DL2

Quant Time: Nov 10 00:18:23 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	30196	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	126432	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	103541	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	298460	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	397463	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	379996	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	138	0.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	638	0.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	372	0.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	397	0.18	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	205	0.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	320	0.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	600	0.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	362	0.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	3989	0.47	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	3742	0.40	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.79	176	4276	0.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.64	188	6622	0.49	ng/ul	0.00
79) Pyrene-d10	19.92	212	6868	0.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	4330	0.23	ng/ul	0.00

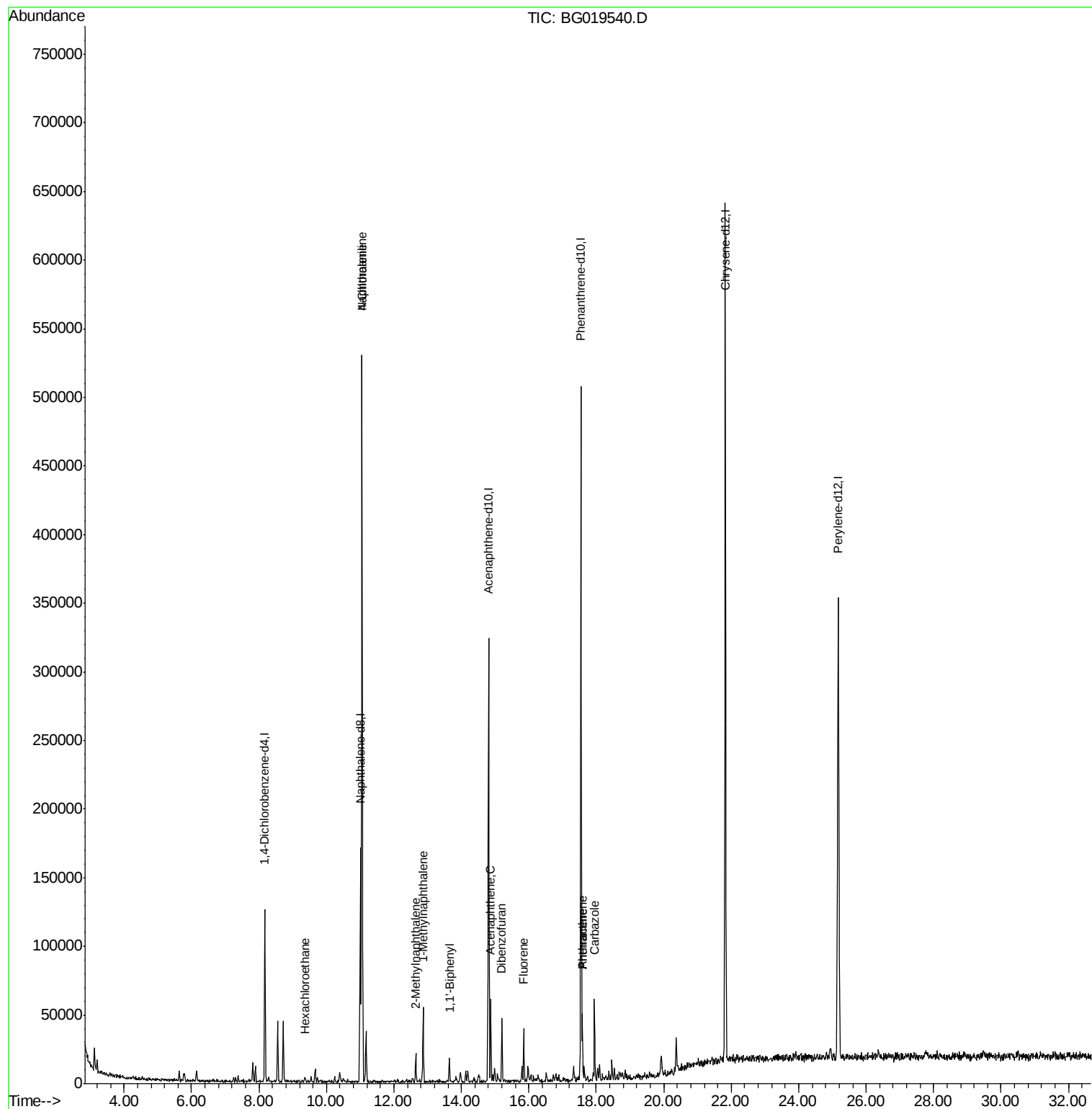
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
17) Hexachloroethane	9.37	117	1741	1.87	ng/ul#	1
28) Naphthalene	11.05	128	391049	61.82	ng/ul	96
30) 4-Chloroaniline	11.05	127	51623	20.34	ng/ul#	4
34) 2-Methylnaphthalene	12.65	142	8231	1.62	ng/ul#	79
35) 1-Methylnaphthalene	12.87	142	23274	4.84	ng/ul	94
41) 1,1'-Biphenyl	13.64	154	8334	1.14	ng/ul#	91
50) Acenaphthene	14.87	153	24799	3.79	ng/ul	94
54) Dibenzofuran	15.20	168	27098	2.81	ng/ul	100
59) Fluorene	15.85	166	17043	2.03	ng/ul#	98
70) Phenanthrene	17.58	178	29273	1.94	ng/ul	95
72) Anthracene	17.58	178	29273	1.91	ng/ul	96
75) Carbazole	17.94	167	36913	3.01	ng/ul	100

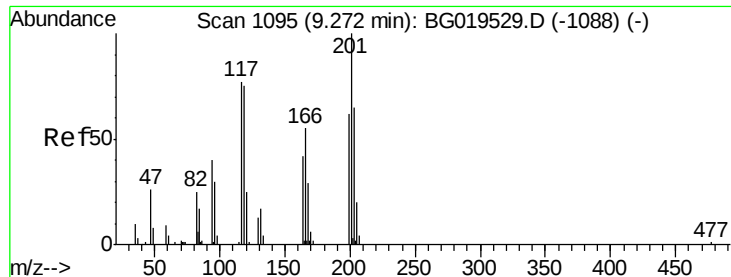
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 00:14:14 2015
Response via : Initial Calibration





#17

Hexachloroethane

Concen: 1.87 ng/ul

RT: 9.37 min Scan# 1112

Delta R.T. 0.10 min

Lab File: BG019540.D

Acq: 9 Nov 2015 19:42

Instrument :

BNA_G

ClientSampleId :

BCY53DL2

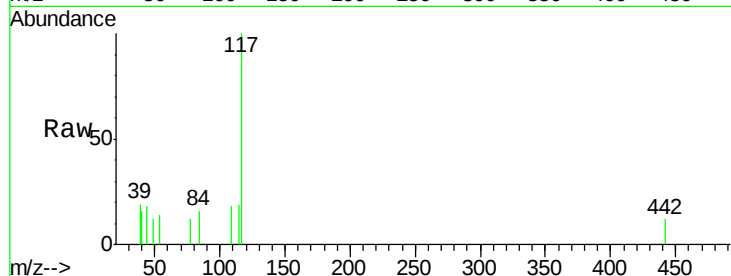
Tot Ion:117 Resp: 1741

Ion Ratio Lower Upper

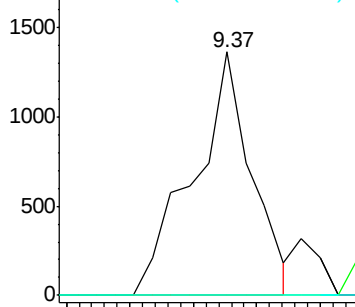
117 100

201 0.0 101.4 152.0#

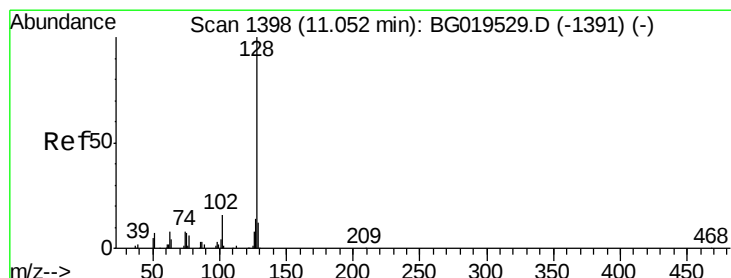
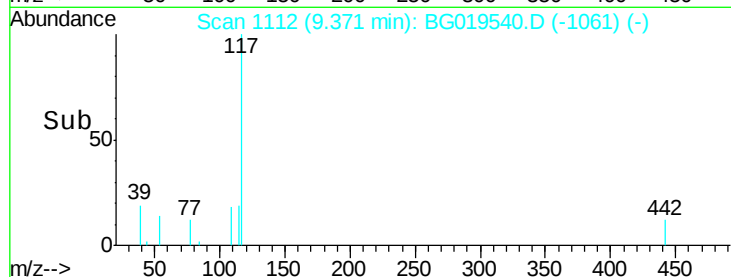
199 0.0 71.7 107.5#



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



Time--> 9.32 9.34 9.36 9.38 9.40



#28

Naphthalene

Concen: 61.82 ng/ul

RT: 11.05 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BG019540.D

Acq: 9 Nov 2015 19:42

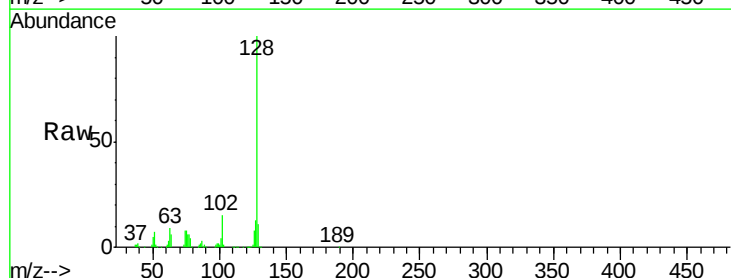
Tgt Ion:128 Resp: 391049

Ion Ratio Lower Upper

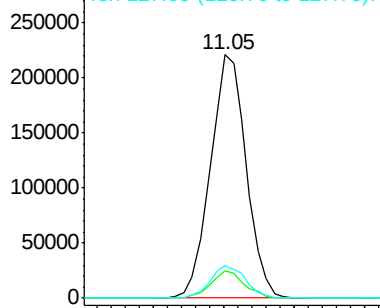
128 100

129 11.2 8.9 13.3

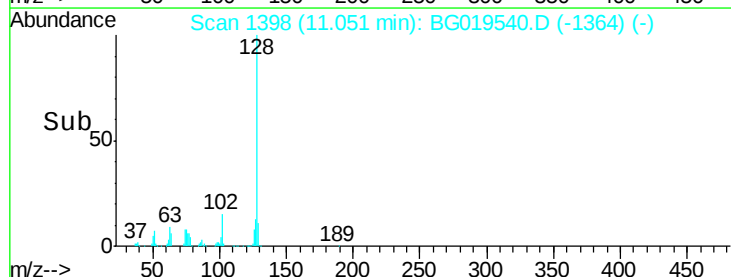
127 13.4 13.1 19.7

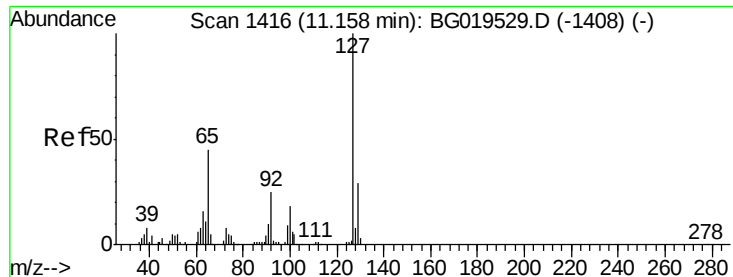


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time--> 11.00 11.05 11.10

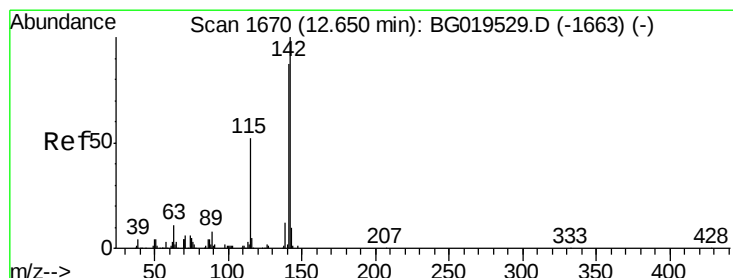
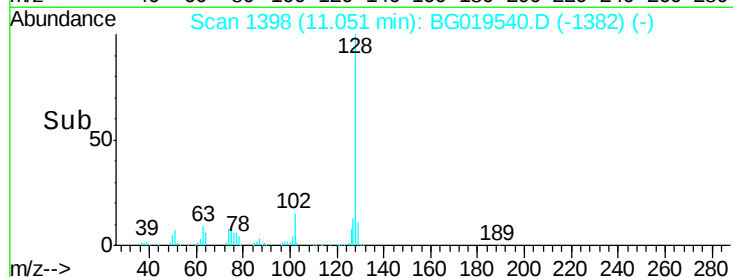
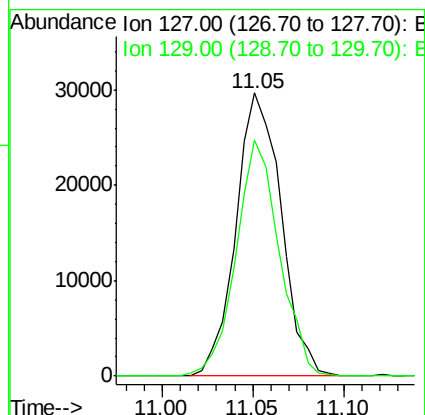
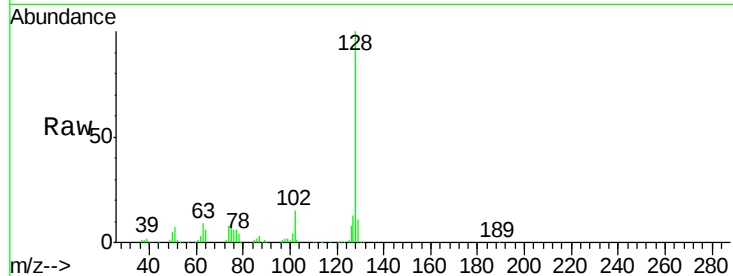




#30
 4-Chloroaniline
 Concen: 20.34 ng/ul
 RT: 11.05 min Scan# 1398
 Delta R.T. -0.11 min
 Lab File: BG019540.D
 Acq: 9 Nov 2015 19:42

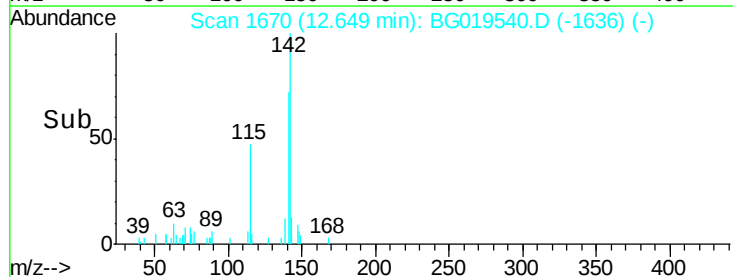
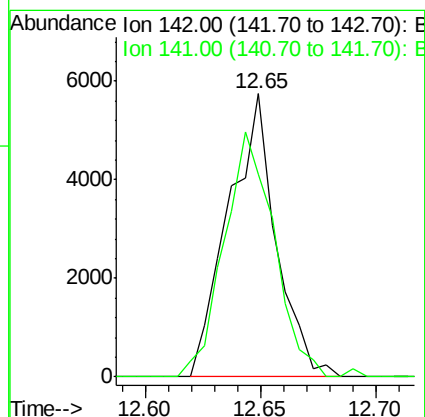
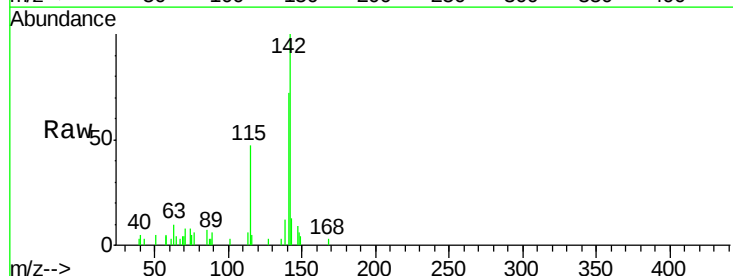
Instrument :
 BNA_G
 ClientSampleId :
 BCY53DL2

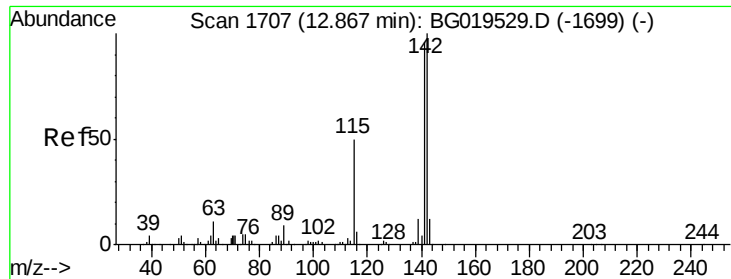
Tot Ion:127 Resp: 51623
 Ion Ratio Lower Upper
 127 100
 129 83.4 24.6 36.8#



#34
 2-Methylnaphthalene
 Concen: 1.62 ng/ul
 RT: 12.65 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BG019540.D
 Acq: 9 Nov 2015 19:42

Tgt Ion:142 Resp: 8231
 Ion Ratio Lower Upper
 142 100
 141 71.6 73.4 110.2#

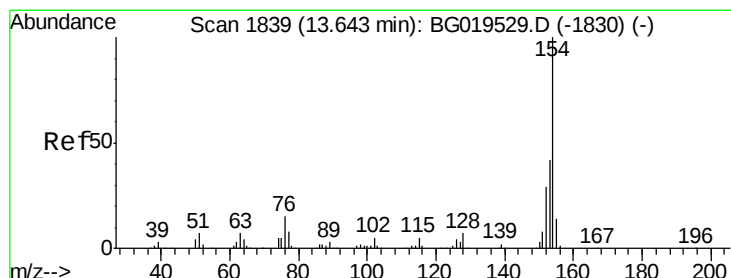
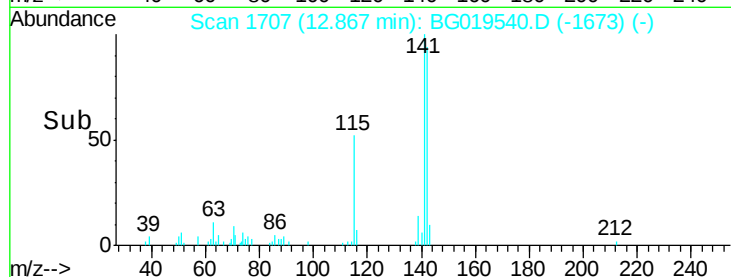
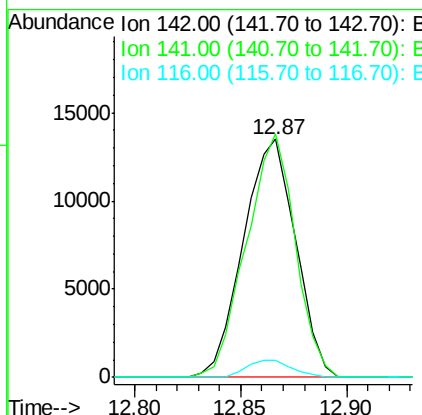
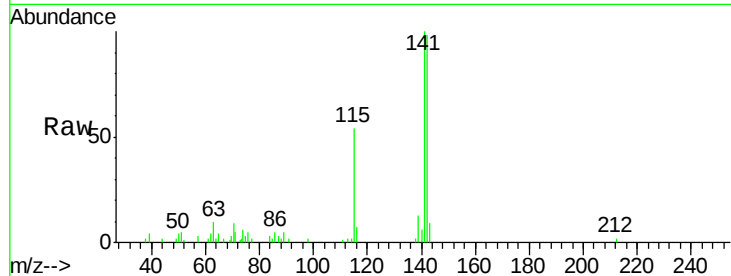




#35
 1-Methylnaphthalene
 Concen: 4.84 ng/ul
 RT: 12.87 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG019540.D
 Acq: 9 Nov 2015 19:42

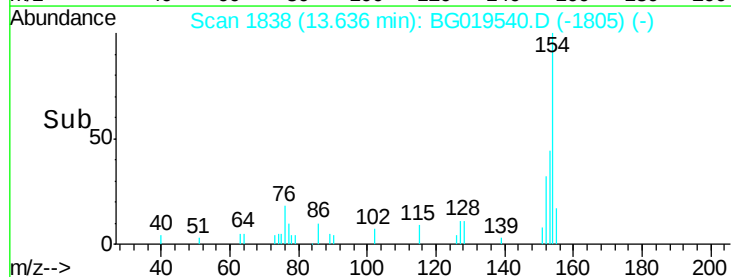
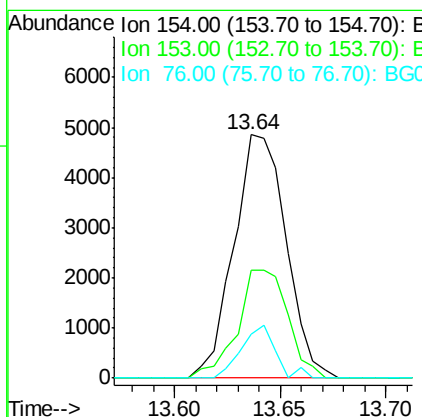
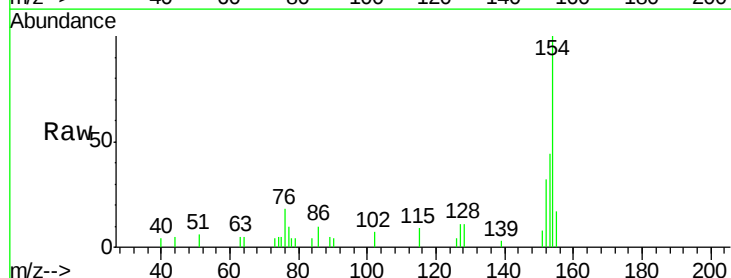
Instrument :
 BNA_G
 ClientSampleID :
 BCY53DL2

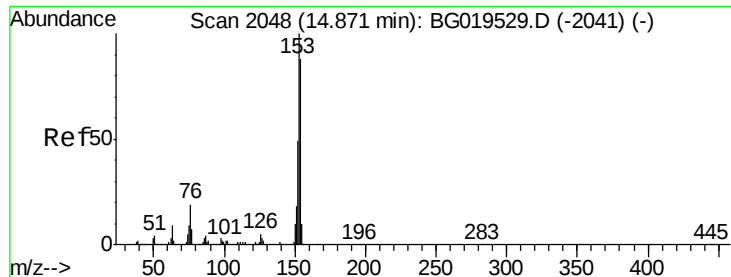
Tot Ion:142 Resp: 23274
 Ion Ratio Lower Upper
 142 100
 141 102.3 76.5 114.7
 116 6.9 5.4 8.0



#41
 1,1'-Biphenyl
 Concen: 1.14 ng/ul
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG019540.D
 Acq: 9 Nov 2015 19:42

Tgt Ion:154 Resp: 8334
 Ion Ratio Lower Upper
 154 100
 153 44.4 32.8 49.2
 76 18.2 7.7 11.5#





#50

Acenaphthene

Concen: 3.79 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG019540.D

Acq: 9 Nov 2015 19:42

Instrument :

BNA_G

ClientSampleId :

BCY53DL2

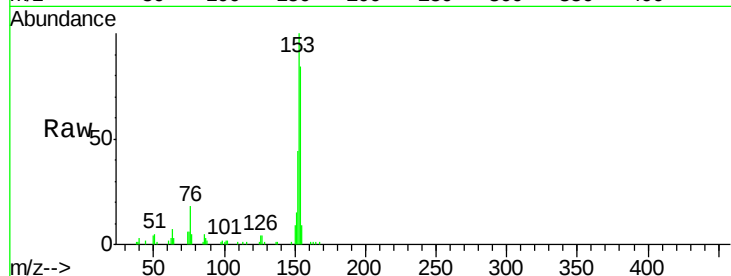
Tot Ion:153 Resp: 24799

Ion Ratio Lower Upper

153 100

152 44.1 38.8 58.2

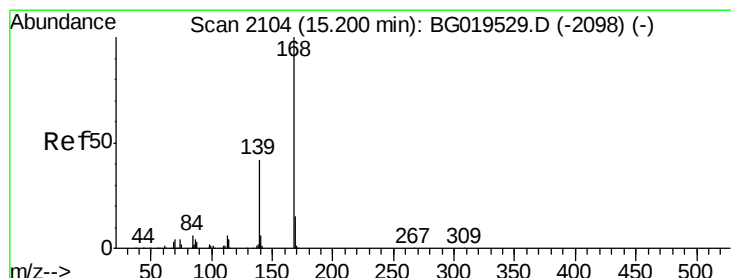
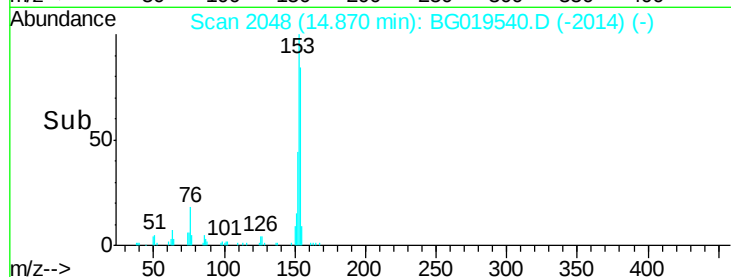
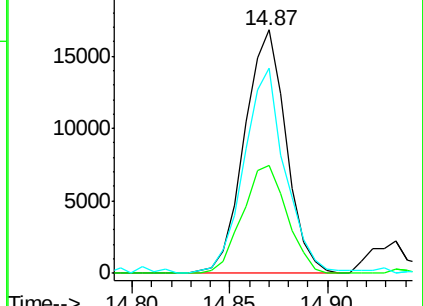
154 84.2 71.5 107.3



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: 2.81 ng/ul

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG019540.D

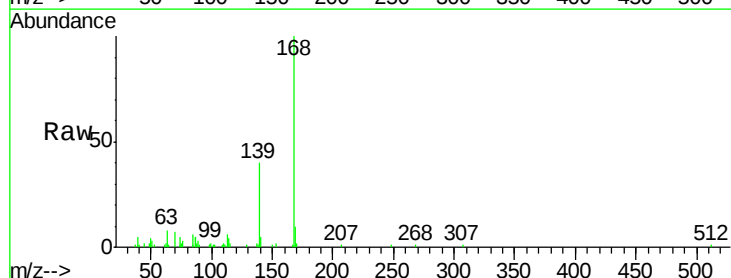
Acq: 9 Nov 2015 19:42

Tgt Ion:168 Resp: 27098

Ion Ratio Lower Upper

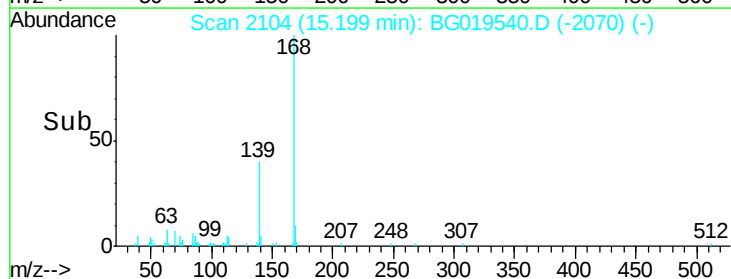
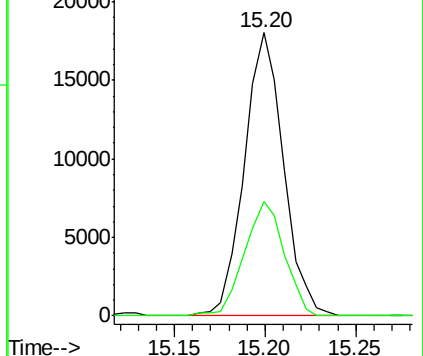
168 100

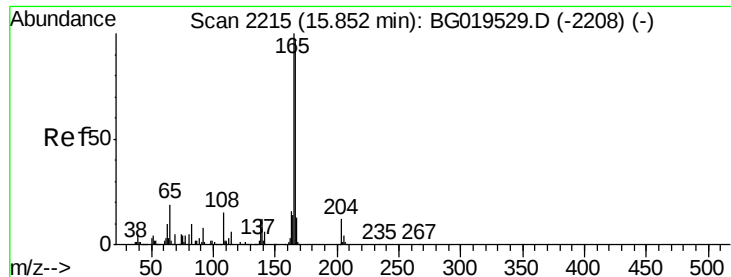
139 40.5 32.4 48.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 2.03 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG019540.D

Acq: 9 Nov 2015 19:42

Instrument :

BNA_G

ClientSampleId :

BCY53DL2

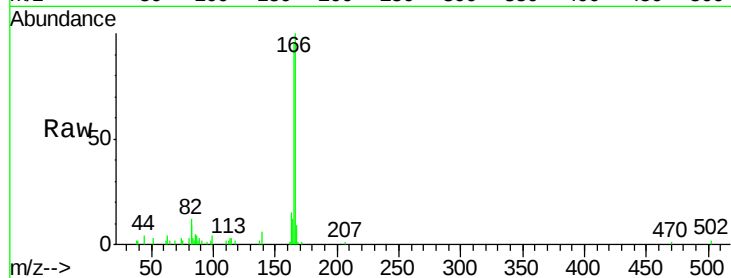
Tot Ion:166 Resp: 17043

Ion Ratio Lower Upper

166 100

165 95.2 77.6 116.4

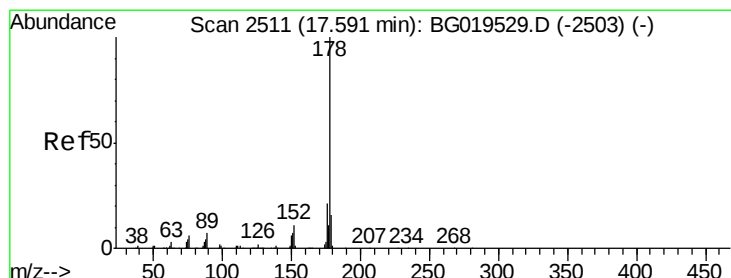
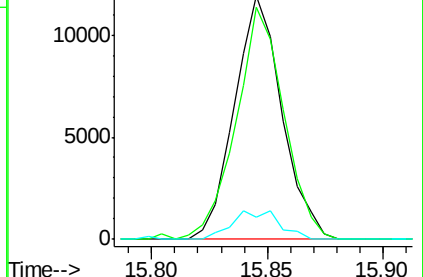
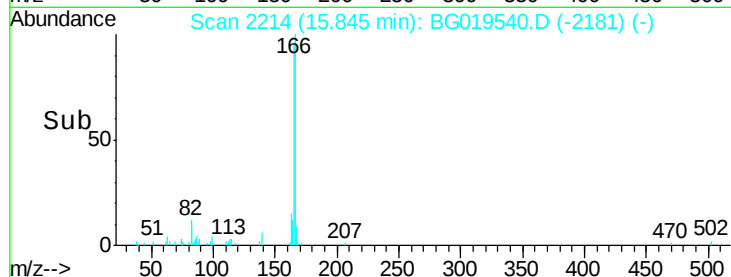
167 9.2 9.6 14.4#



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: 1.94 ng/ul

RT: 17.58 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BG019540.D

Acq: 9 Nov 2015 19:42

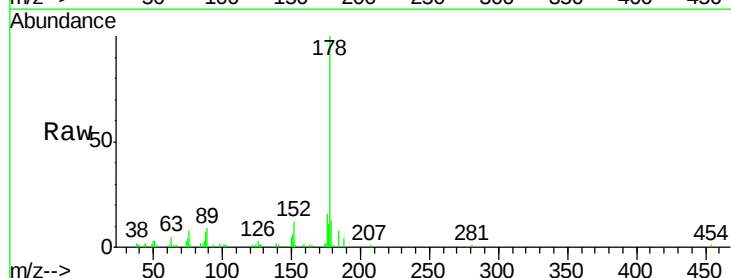
Tgt Ion:178 Resp: 29273

Ion Ratio Lower Upper

178 100

179 13.1 12.6 18.8

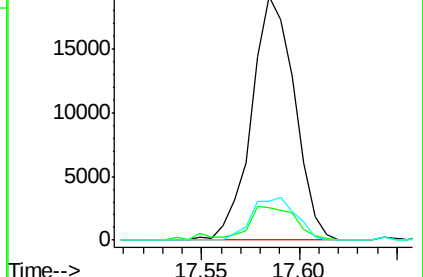
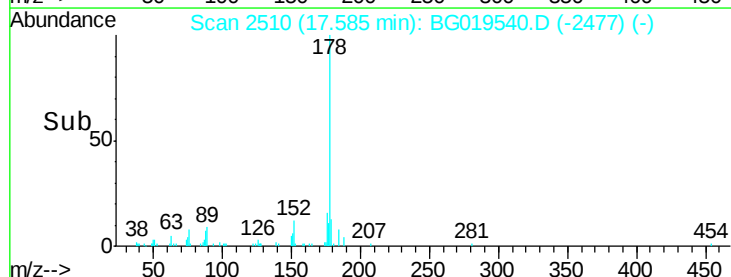
176 16.0 14.3 21.5

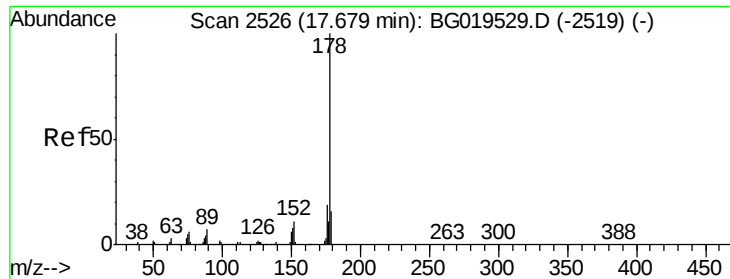


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.91 ng/ul

RT: 17.58 min Scan# 2510

Delta R.T. -0.09 min

Lab File: BG019540.D

Acq: 9 Nov 2015 19:42

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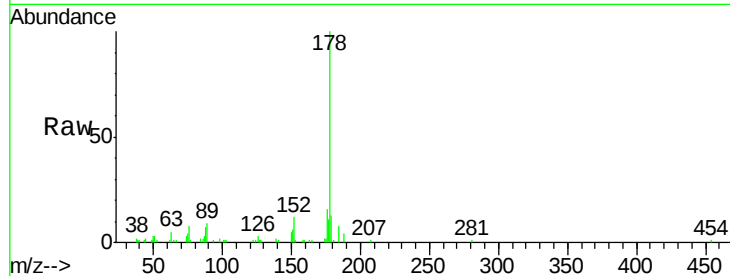
Tot Ion:178 Resp: 29273

Ion Ratio Lower Upper

178 100

179 13.1 11.6 17.4

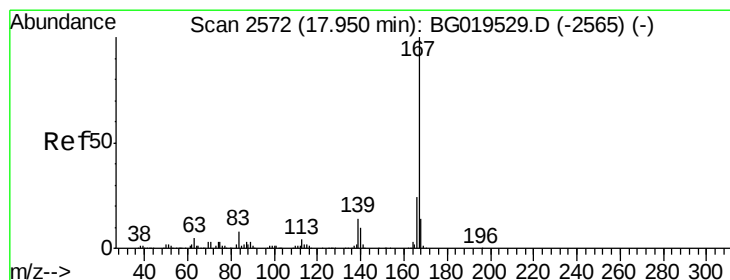
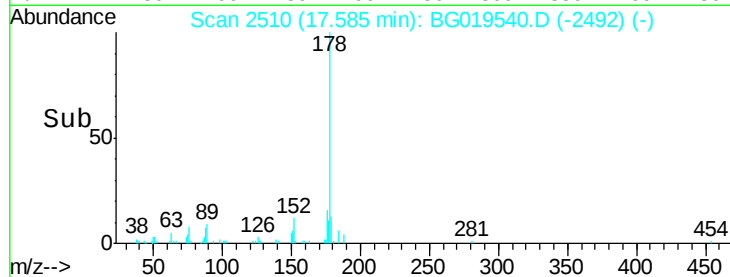
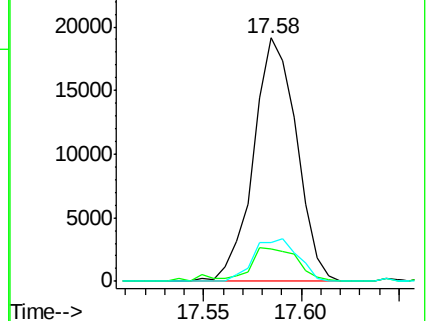
176 16.0 14.2 21.4



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: 3.01 ng/ul

RT: 17.94 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BG019540.D

Acq: 9 Nov 2015 19:42

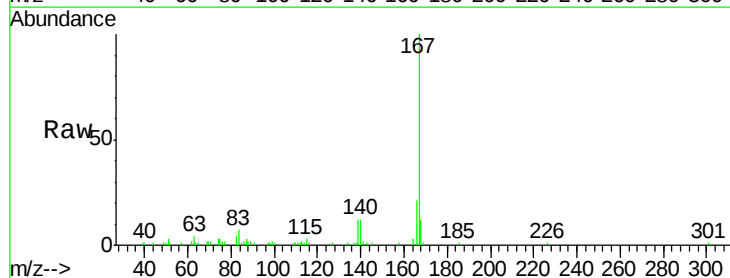
Tgt Ion:167 Resp: 36913

Ion Ratio Lower Upper

167 100

166 21.0 16.8 25.2

139 11.9 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

