

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
 Data File : BG019539.D
 Acq On : 9 Nov 2015 19:04
 Operator : UM/NP
 Sample : G4245-17DL3 100X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL3

Quant Time: Nov 10 00:18:12 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	33397	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	133237	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	106218	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	309514	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	407808	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	382541	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	7.49	99	598	0.20	ng/ul	0.17
7) Bis-(2-Chloroethyl)ether-d	7.49	67	693	0.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	587	0.31	ng/ul	-0.01
13) 4-Methylphenol-d8	8.87	113	212	0.09	ng/ul	0.00
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	10.07	143	143	0.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	718	0.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	268	0.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	3455	0.39	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	3147	0.32	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.79	176	3719	0.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.64	188	6058	0.43	ng/ul	0.00
79) Pyrene-d10	19.91	212	5842	0.33	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.93	264	6691	0.35	ng/ul	-0.02

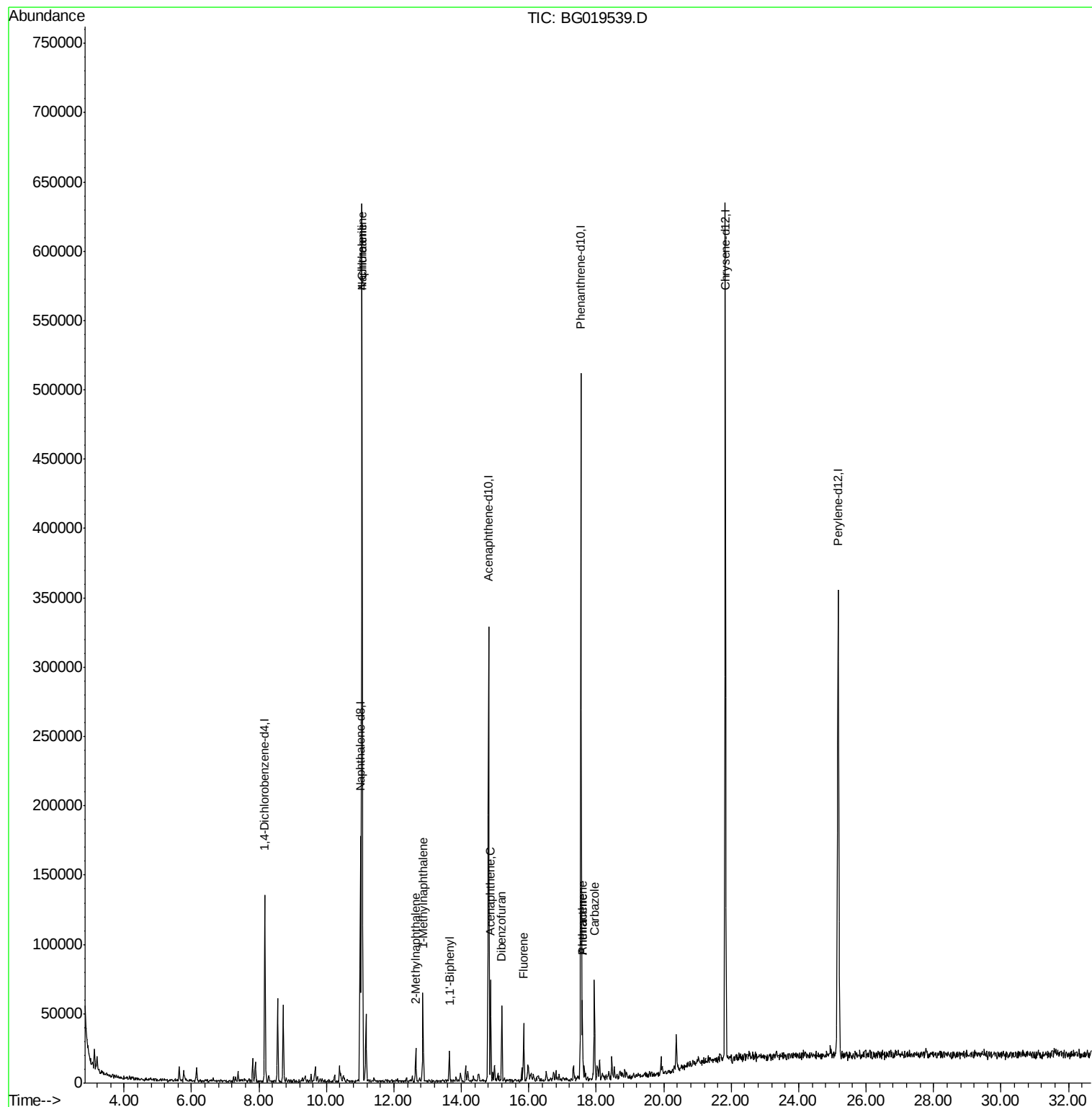
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	11.05	128	473559	71.04	ng/ul	96
30) 4-Chloroaniline	11.05	127	63040	23.57	ng/ul#	4
34) 2-Methylnaphthalene	12.65	142	10086	1.88	ng/ul	91
35) 1-Methylnaphthalene	12.87	142	25876	5.10	ng/ul#	97
41) 1,1'-Biphenyl	13.64	154	10136	1.35	ng/ul#	91
50) Acenaphthene	14.87	153	28778	4.29	ng/ul	87
54) Dibenzofuran	15.20	168	29185	2.95	ng/ul	89
59) Fluorene	15.85	166	17854	2.07	ng/ul	96
70) Phenanthrene	17.59	178	31696	2.03	ng/ul#	94
72) Anthracene	17.59	178	31696	1.99	ng/ul	95
75) Carbazole	17.94	167	42415	3.34	ng/ul	98

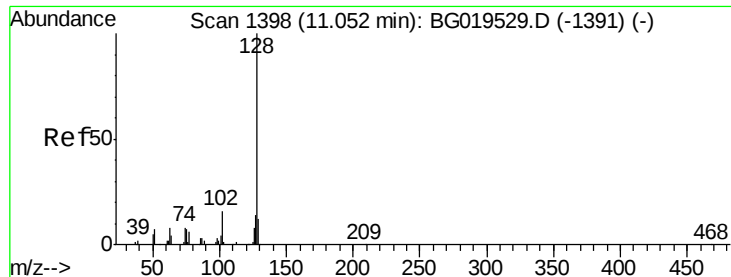
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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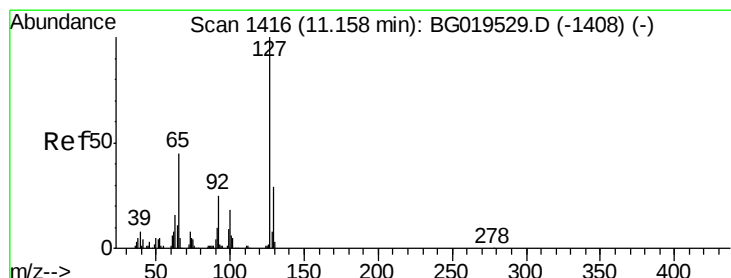
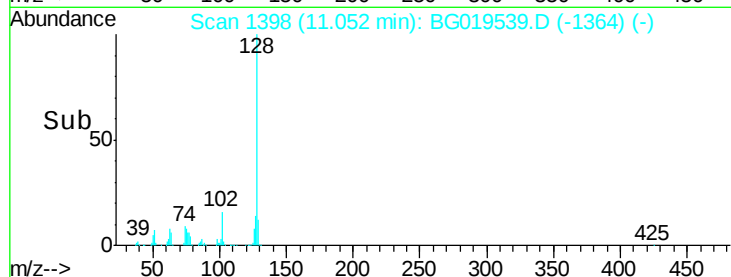
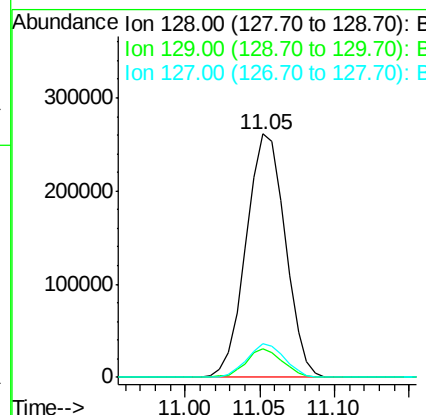
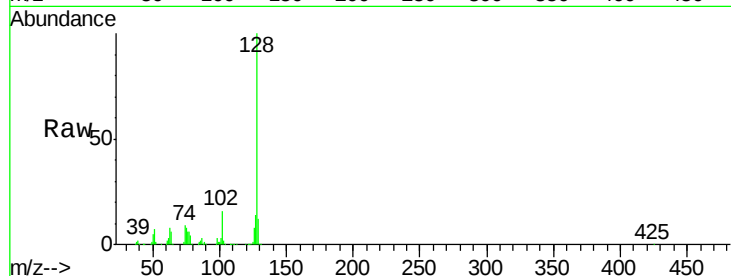




#28
Naphthalene
Concen: 71.04 ng/ul
RT: 11.05 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BG019539.D
Acq: 9 Nov 2015 19:04

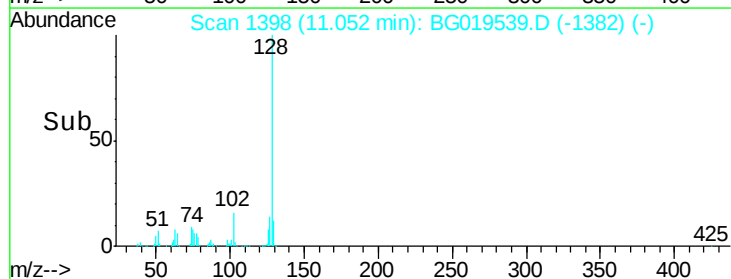
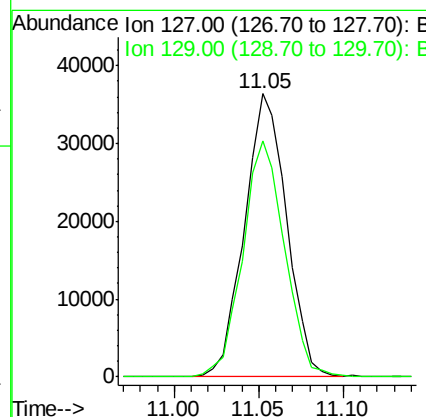
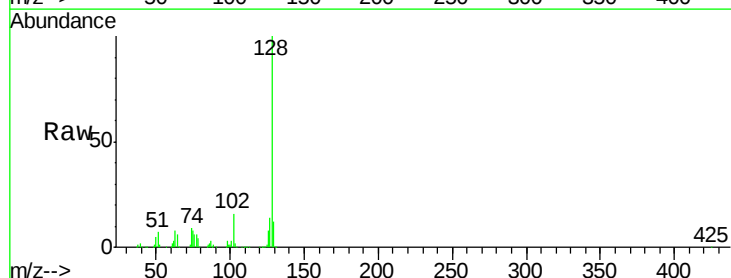
Instrument :
BNA_G
ClientSampleId :
BCY52DL3

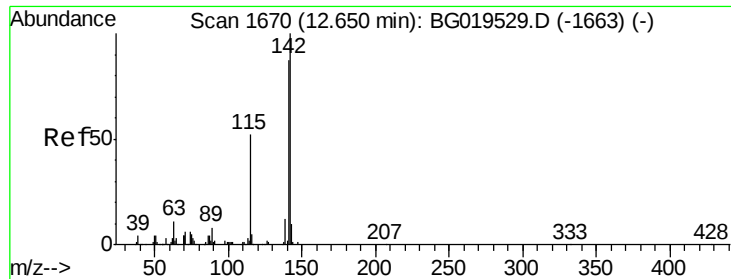
Tot Ion:128 Resp: 473559
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.9 13.1 19.7



#30
4-Chloroaniline
Concen: 23.57 ng/ul
RT: 11.05 min Scan# 1398
Delta R.T. -0.11 min
Lab File: BG019539.D
Acq: 9 Nov 2015 19:04

Tgt Ion:127 Resp: 63040
Ion Ratio Lower Upper
127 100
129 83.3 24.6 36.8#

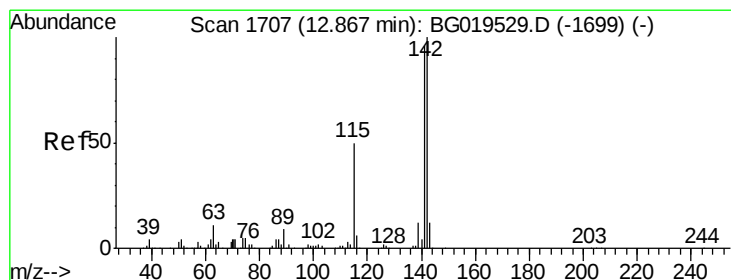
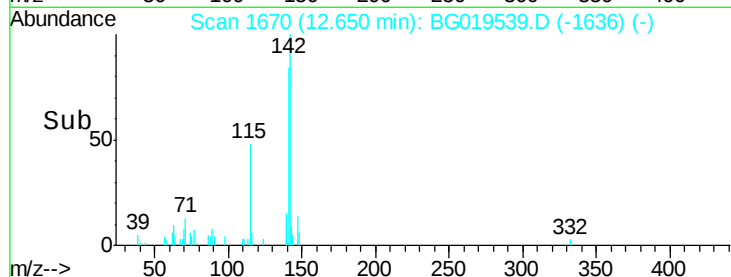
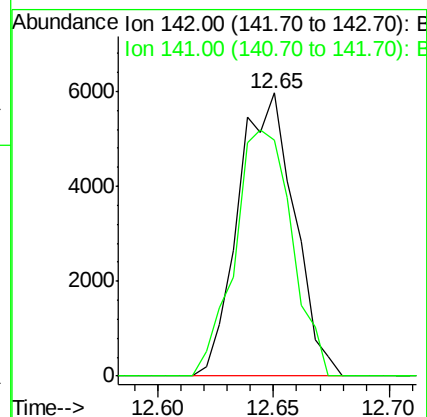
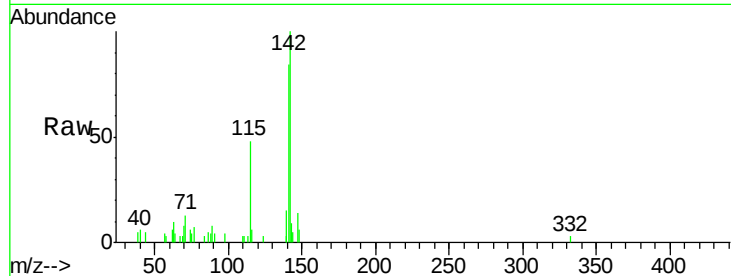




#34
 2-Methylnaphthalene
 Concen: 1.88 ng/ul
 RT: 12.65 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BG019539.D
 Acq: 9 Nov 2015 19:04

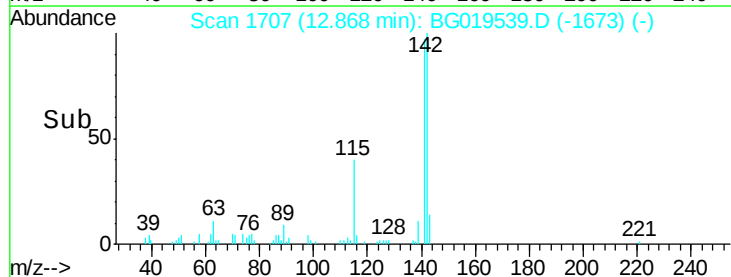
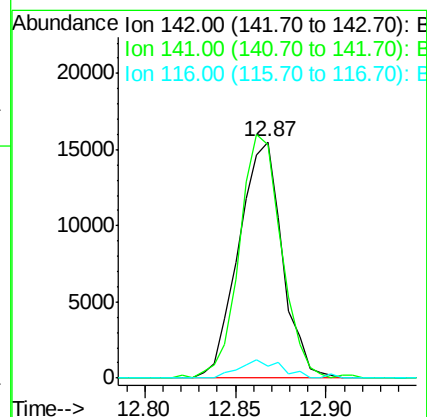
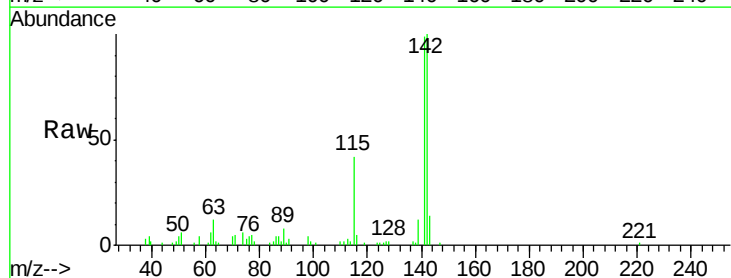
Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL3

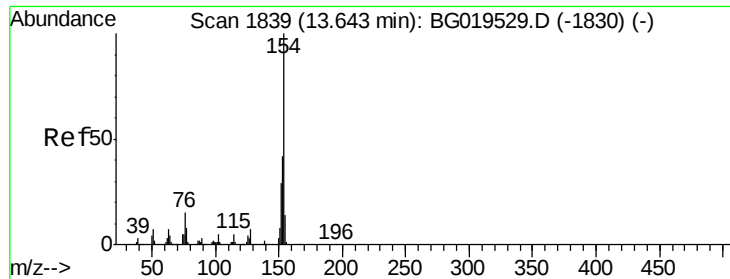
Tot Ion:142 Resp: 10086
 Ion Ratio Lower Upper
 142 100
 141 83.5 73.4 110.2



#35
 1-Methylnaphthalene
 Concen: 5.10 ng/ul
 RT: 12.87 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG019539.D
 Acq: 9 Nov 2015 19:04

Tgt Ion:142 Resp: 25876
 Ion Ratio Lower Upper
 142 100
 141 98.6 76.5 114.7
 116 4.9 5.4 8.0#

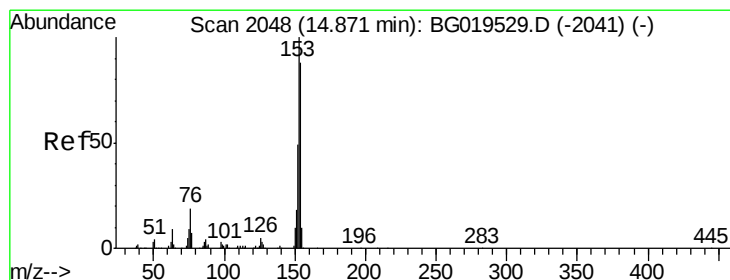
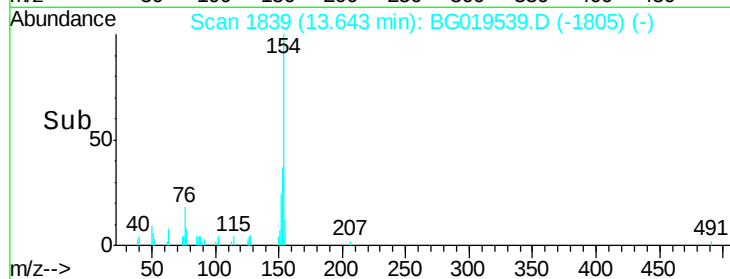
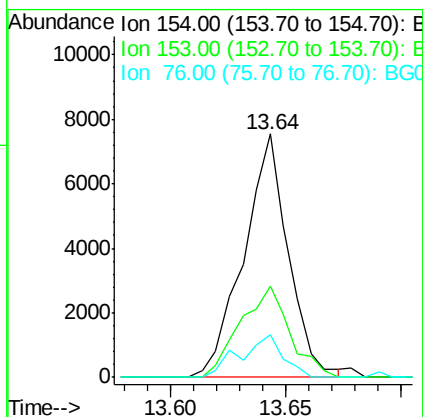
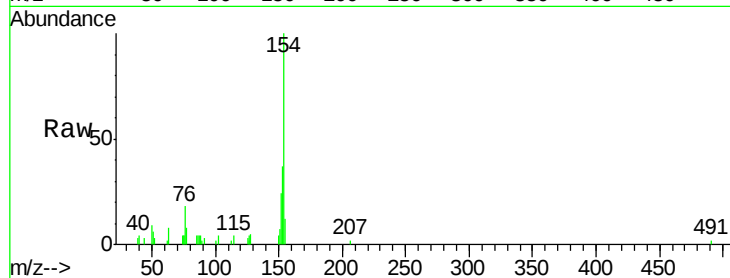




#41
 1,1'-Biphenyl
 Concen: 1.35 ng/ul
 RT: 13.64 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BG019539.D
 Acq: 9 Nov 2015 19:04

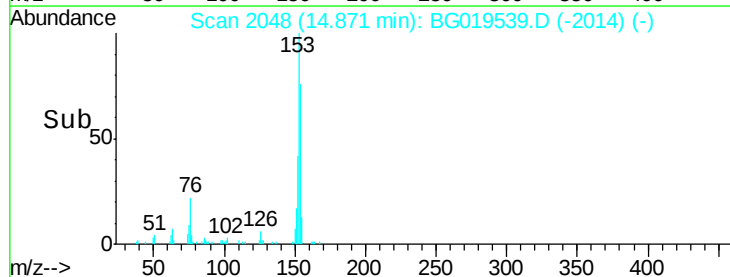
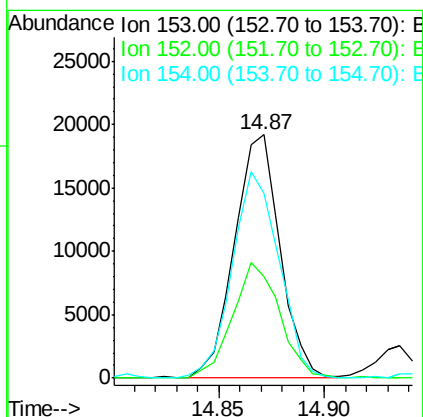
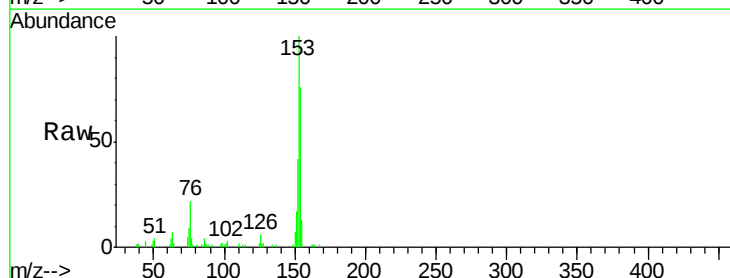
Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL3

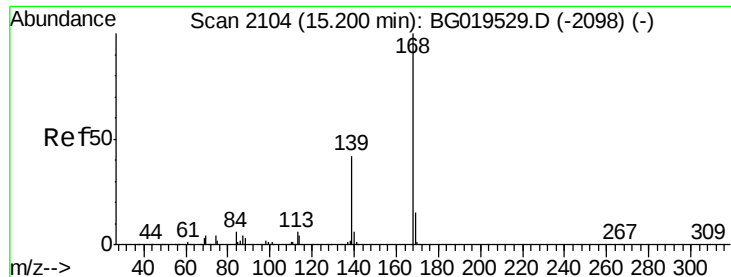
Tot Ion	Ratio	Lower	Upper
154	100		
153	37.4	32.8	49.2
76	17.5	7.7	11.5#



#50
 Acenaphthene
 Concen: 4.29 ng/ul
 RT: 14.87 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BG019539.D
 Acq: 9 Nov 2015 19:04

Tgt Ion	Ratio	Lower	Upper
153	100		
152	41.9	38.8	58.2
154	75.9	71.5	107.3





#54

Dibenzenofuran

Concen: 2.95 ng/ul

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG019539.D

Acq: 9 Nov 2015 19:04

Instrument :

BNA_G

ClientSampleId :

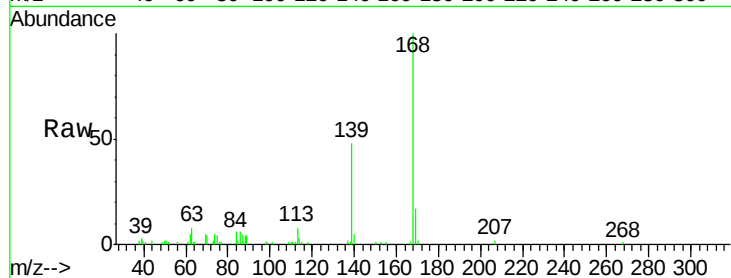
BCY52DL3

Tot Ion:168 Resp: 29185

Ion Ratio Lower Upper

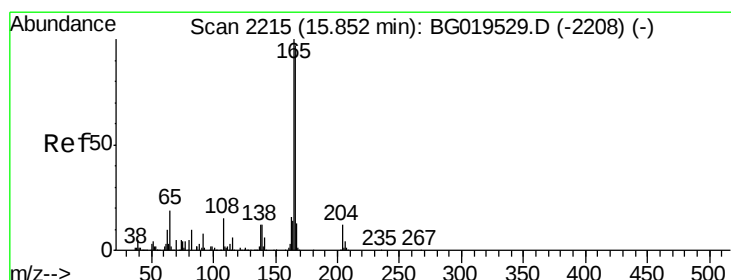
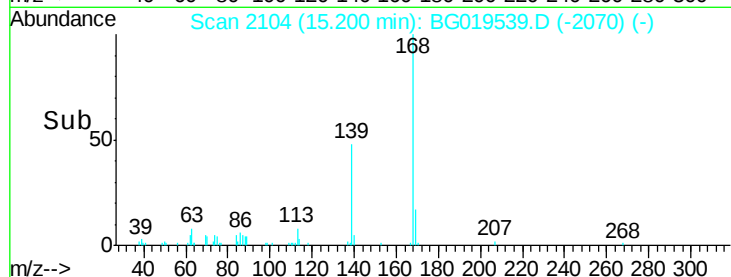
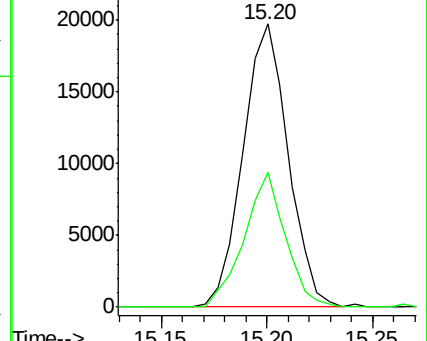
168 100

139 47.5 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: 2.07 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG019539.D

Acq: 9 Nov 2015 19:04

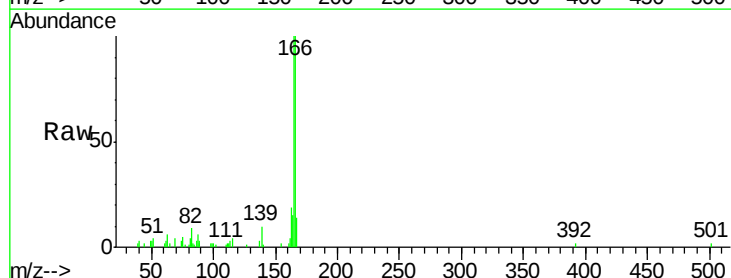
Tgt Ion:166 Resp: 17854

Ion Ratio Lower Upper

166 100

165 100.4 77.6 116.4

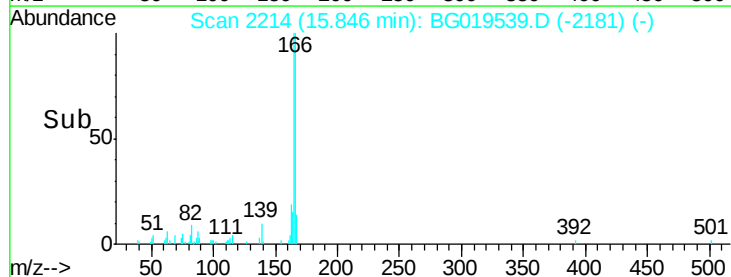
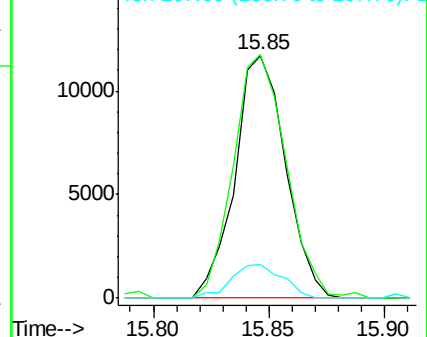
167 14.1 9.6 14.4

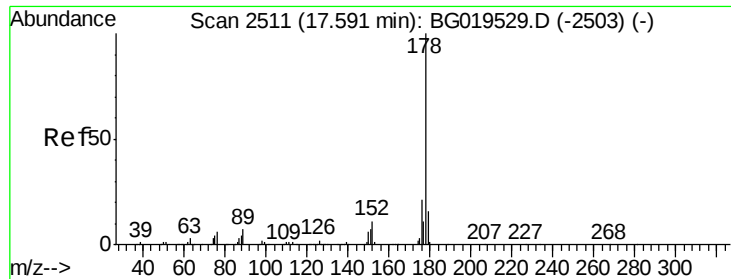


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 2.03 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BG019539.D

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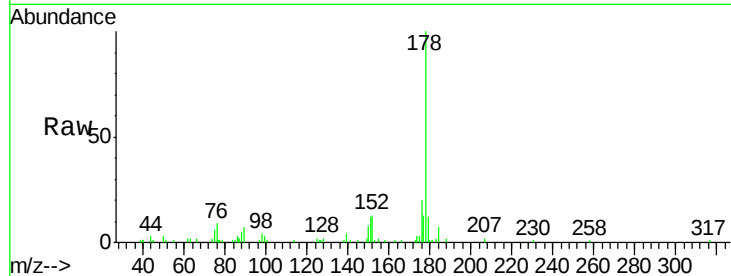
Tot Ion:178 Resp: 31696

Ion Ratio Lower Upper

178 100

179 12.3 12.6 18.8#

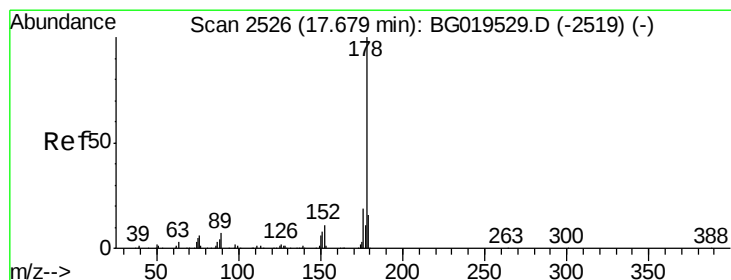
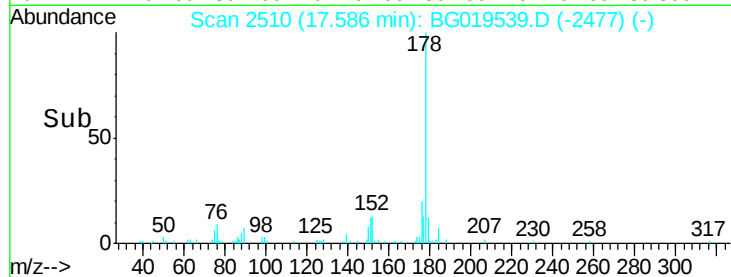
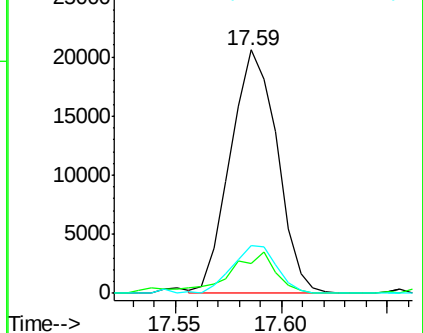
176 19.7 14.3 21.5



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: 1.99 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. -0.09 min

Lab File: BG019539.D

Acq: 9 Nov 2015 19:04

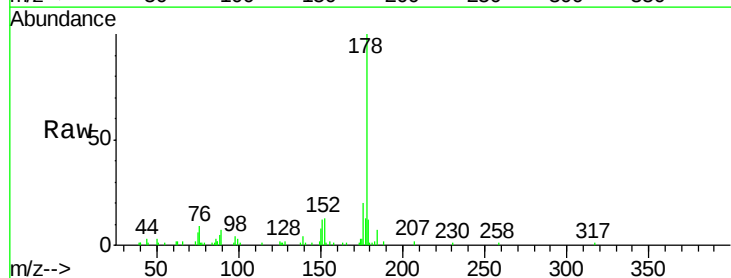
Tgt Ion:178 Resp: 31696

Ion Ratio Lower Upper

178 100

179 12.3 11.6 17.4

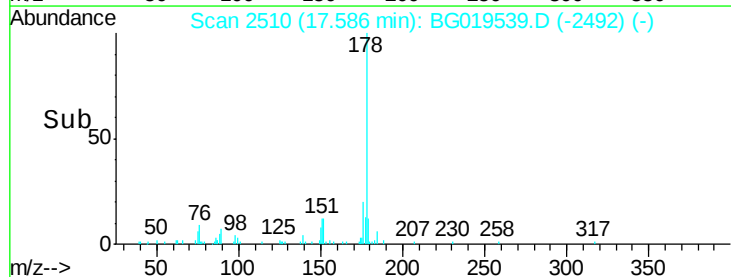
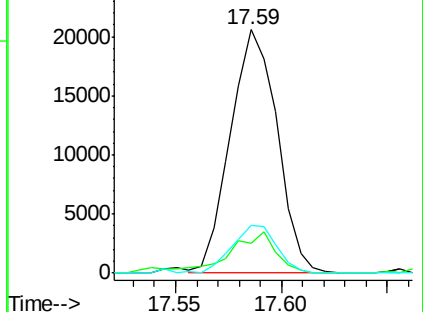
176 19.7 14.2 21.4

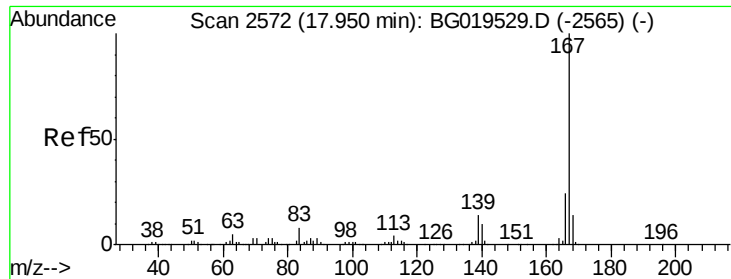


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75
 Carbazole
 Concen: 3.34 ng/ul
 RT: 17.94 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BG019539.D
 Acq: 9 Nov 2015 19:04

Instrument :
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Tot Ion	Ratio	Lower	Upper
167	100		
166	19.8	16.8	25.2
139	12.7	9.8	14.6

