

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
 Data File : BG019536.D
 Acq On : 9 Nov 2015 17:09
 Operator : UM/NP
 Sample : G4245-18DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY53DL

Manual Integrations
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 11/10/2015 1:04:21 PM

Quant Time: Nov 23 07:10:43 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	31138	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	132514	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	103520	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	278228	20.00	ng/ul	0.00
78) Chrysene-d12	21.82	240	393420	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	378697	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	235	0.36	ng/uL	0.00
5) Phenol-d5	7.32	99	8208	2.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	14953	8.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	10966	6.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	10570	4.64	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	8380	8.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	8380	7.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	16129	6.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	14210	5.60	ng/ul	0.01
44) Dimethylphthalate-d6	14.20	166	75923	8.90	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	78658	8.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	4211	3.11	ng/ul	0.00
58) Fluorene-d10	15.80	176	65546	8.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	12176	6.76	ng/ul	0.00
71) Anthracene-d10	17.65	188	111527	8.79	ng/ul	0.00
79) Pyrene-d10	19.92	212	137535	7.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.93	264	156291	8.22	ng/ul	-0.02

Target Compounds

						Qvalue
28) Naphthalene	11.08	128	5126687	773.22	ng/ul#	64
34) 2-Methylnaphthalene	12.65	142	179324	33.66	ng/ul	97
41) 1,1'-Biphenyl	13.64	154	185786	25.39	ng/ul#	95
48) Acenaphthylene	14.53	152	23988	2.48	ng/ul#	86
50) Acenaphthene	14.87	153	507350	77.58	ng/ul	98
54) Dibenzofuran	15.20	168	521689	54.17	ng/ul	95
59) Fluorene	15.85	166	325522	38.75	ng/ul	98
70) Phenanthrene	17.59	178	534244	38.05	ng/ul	97
72) Anthracene	17.68	178	34735m	2.43	ng/ul	
75) Carbazole	17.95	167	716604	62.74	ng/ul	94
77) Fluoranthene	19.58	202	54080	2.98	ng/ul#	94

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

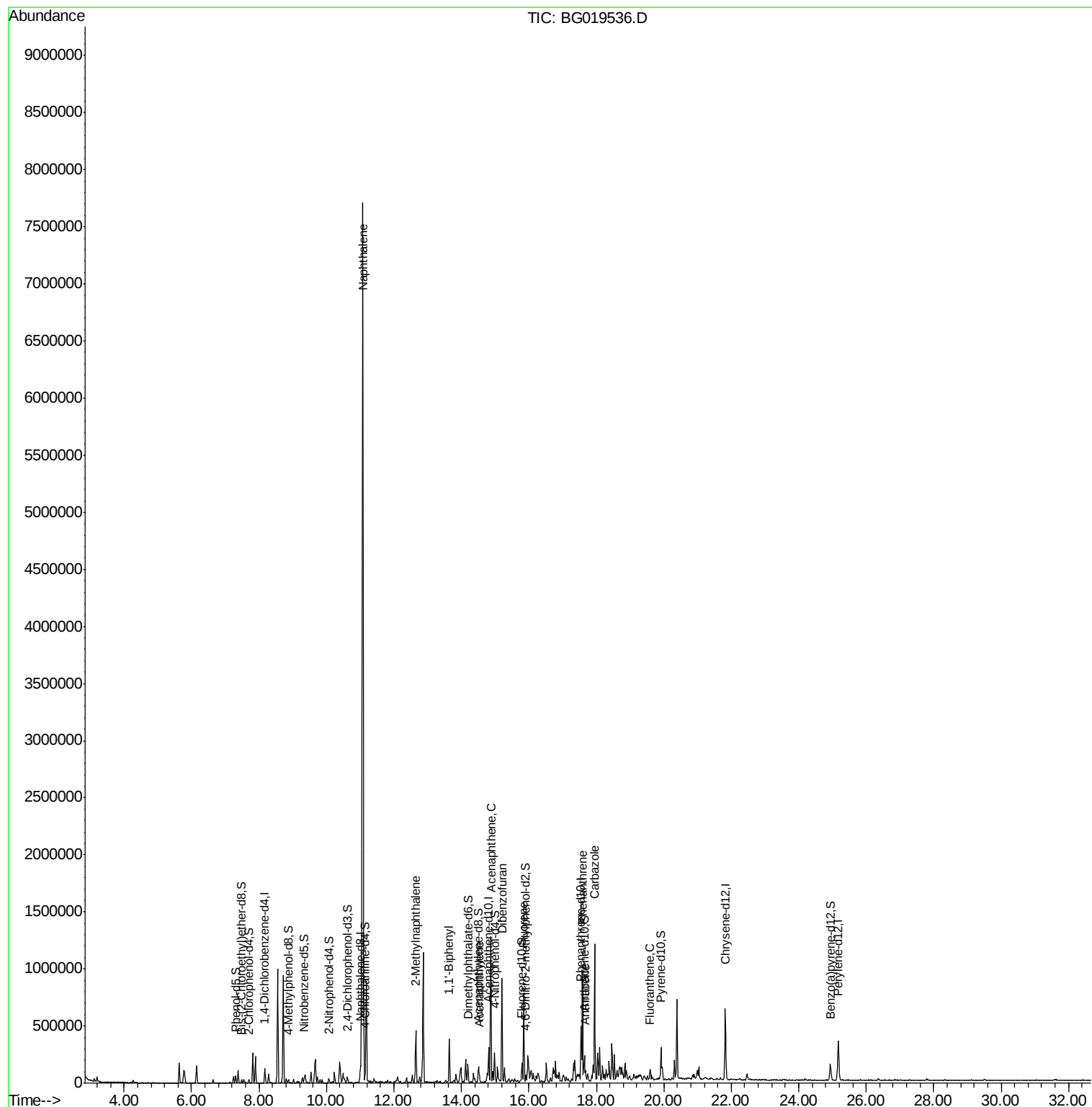
Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
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ALS Vial : 8 Sample Multiplier: 1

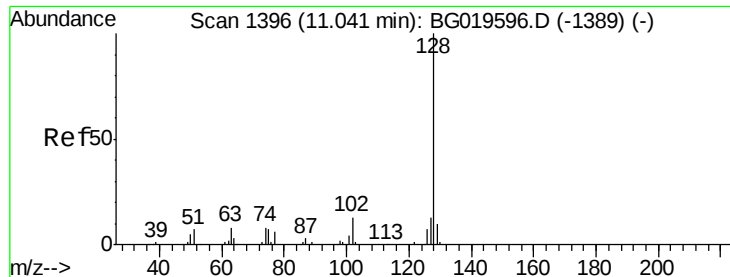
Instrument :
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Response via : Initial Calibration





#28

Naphthalene

Concen: 773.22 ng/ul

RT: 11.08 min Scan# 1403

Delta R.T. 0.03 min

Lab File: BG019536.D

Acq: 9 Nov 2015 17:09

Instrument :

BNA_G

ClientSampleId :

BCY53DL

Tgt Ion:128 Resp: 5126687

Ion Ratio Lower Upper

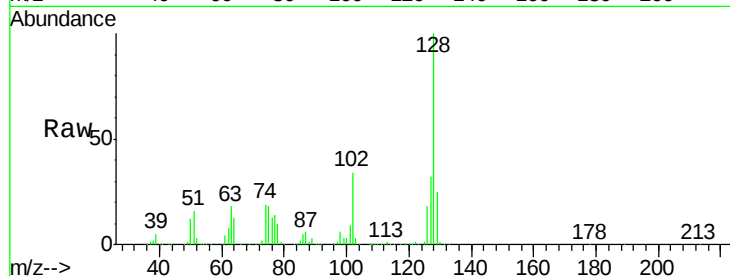
128 100

129 25.3 8.9 13.3#

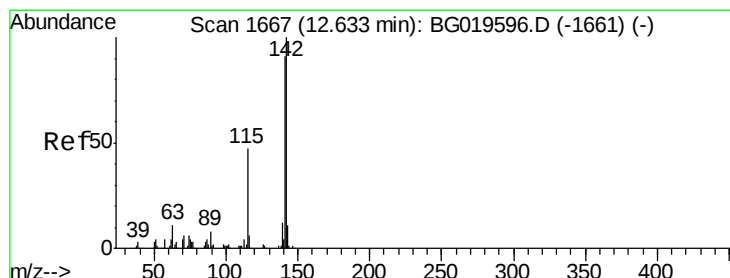
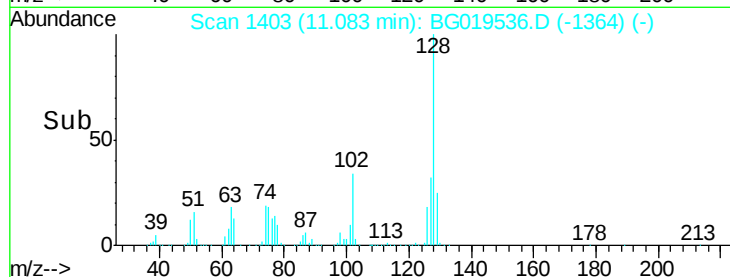
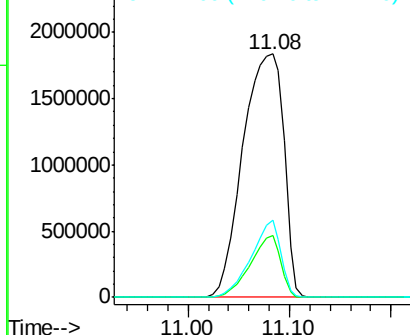
127 31.6 13.1 19.7#

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Abundance Ion 128.00 (127.70 to 128.70): E
2500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 33.66 ng/ul

RT: 12.65 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG019536.D

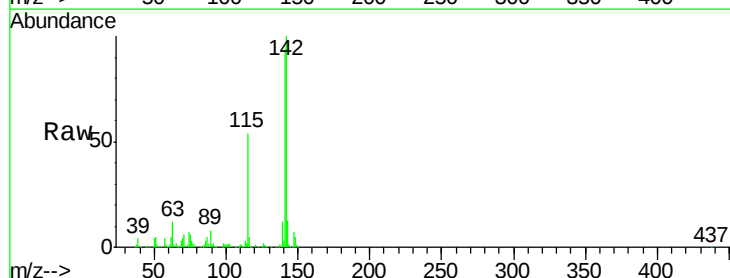
Acq: 9 Nov 2015 17:09

Tgt Ion:142 Resp: 179324

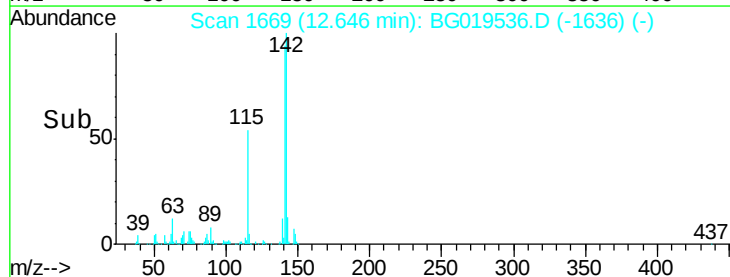
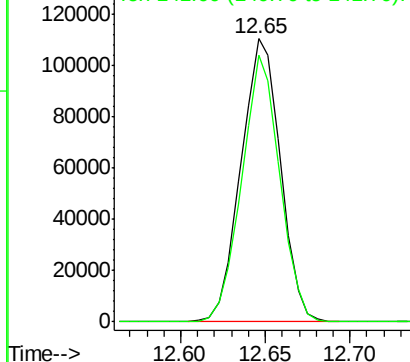
Ion Ratio Lower Upper

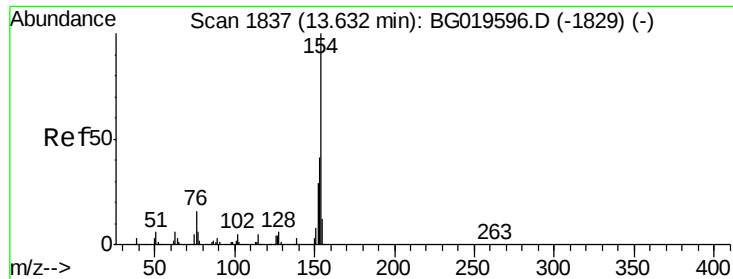
142 100

141 94.3 73.4 110.2



Abundance Ion 142.00 (141.70 to 142.70): E
120000
Ion 141.00 (140.70 to 141.70): E





#41

1,1'-Biphenyl

Concen: 25.39 ng/ul

RT: 13.64 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BG019536.D

Acq: 9 Nov 2015 17:09

Instrument :

BNA_G

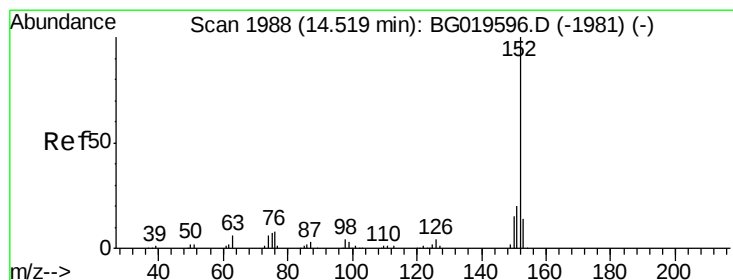
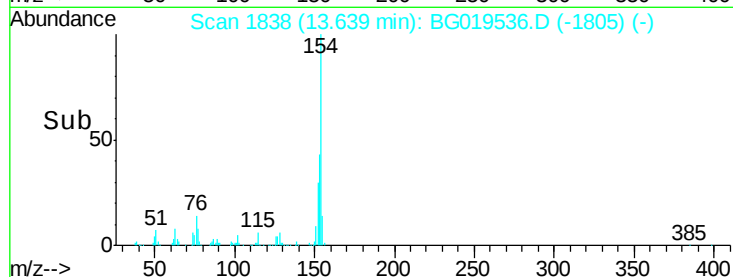
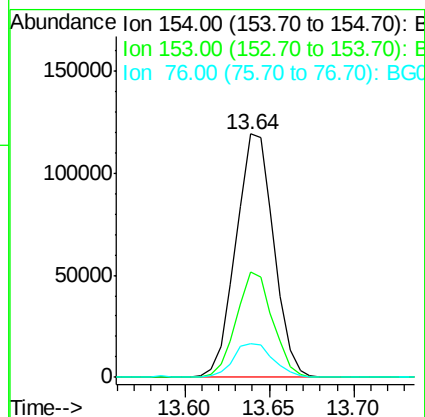
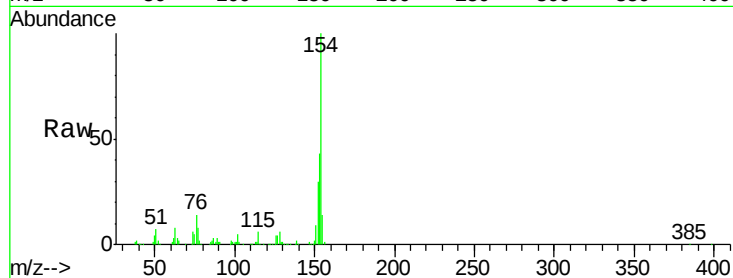
ClientSampleId :

BCY53DL

Tgt Ion:	154	Resp:	185786
Ion Ratio	Lower	Upper	
154	100		
153	43.1	32.8	49.2
76	13.9	7.7	11.5#

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#48

Acenaphthylene

Concen: 2.48 ng/ul

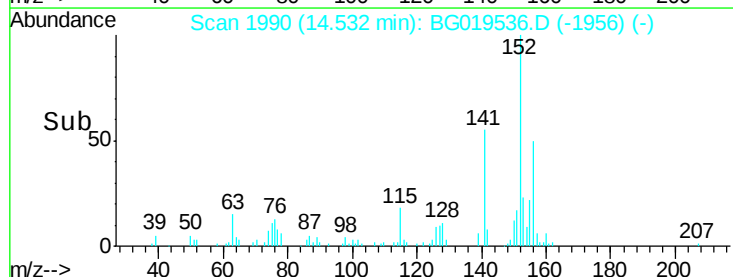
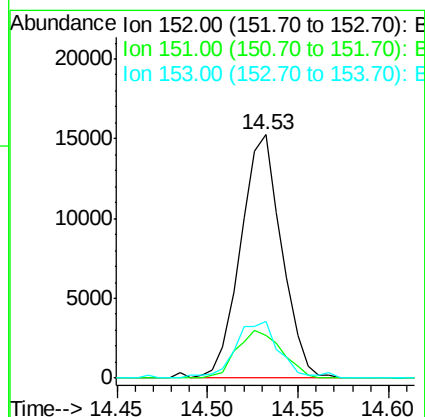
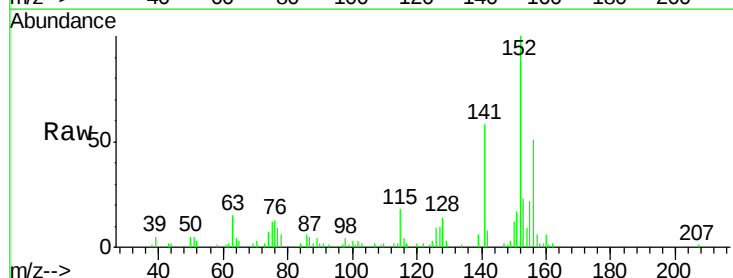
RT: 14.53 min Scan# 1990

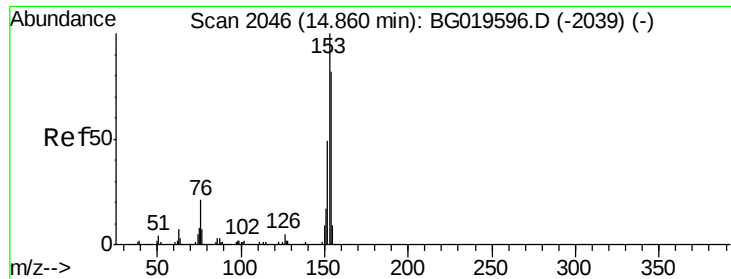
Delta R.T. 0.00 min

Lab File: BG019536.D

Acq: 9 Nov 2015 17:09

Tgt Ion:	152	Resp:	23988
Ion Ratio	Lower	Upper	
152	100		
151	17.3	16.9	25.3
153	23.4	10.8	16.2#





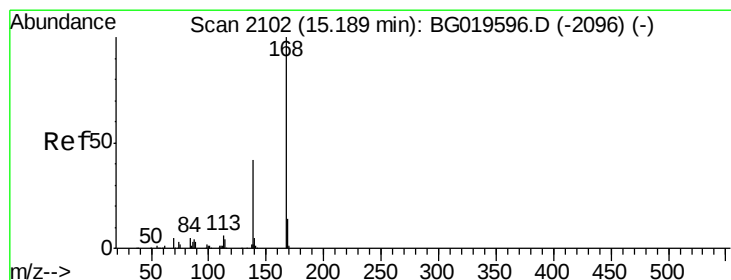
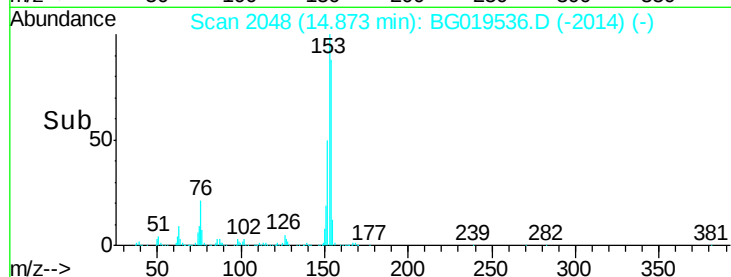
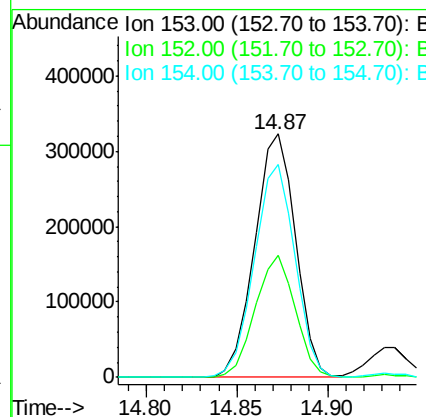
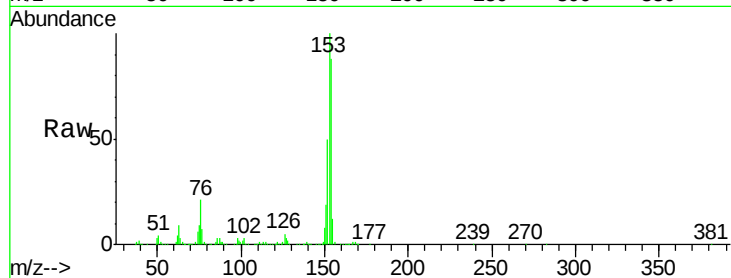
#50
Acenaphthene
Concen: 77.58 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019536.D
Acq: 9 Nov 2015 17:09

Instrument :
BNA_G
ClientSampleId :
BCY53DL

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.9	38.8	58.2
154	87.6	71.5	107.3

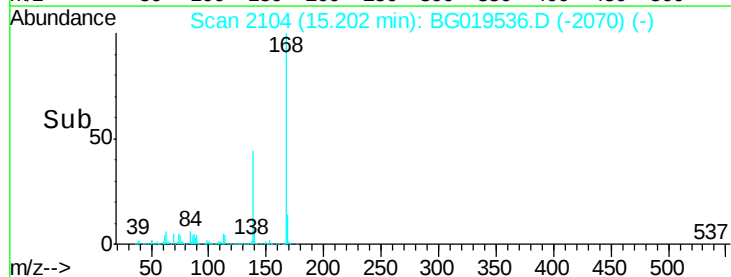
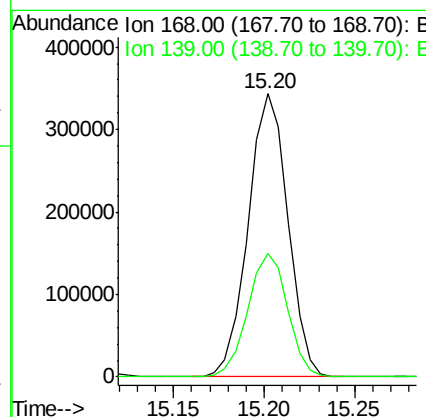
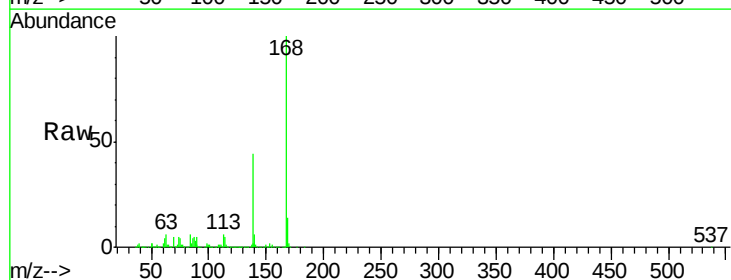
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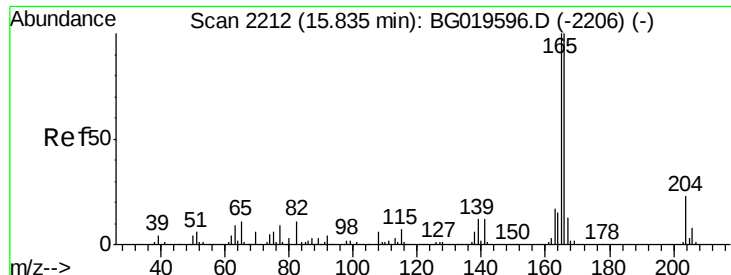
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#54
Dibenzofuran
Concen: 54.17 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG019536.D
Acq: 9 Nov 2015 17:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.6	32.4	48.6





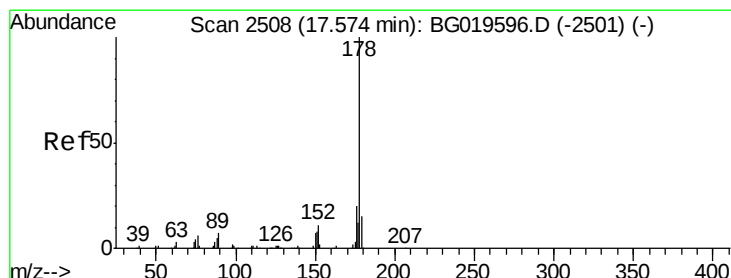
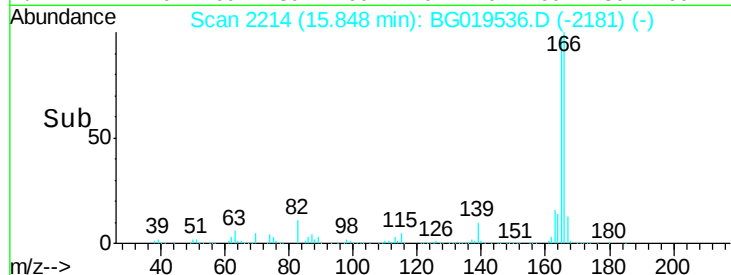
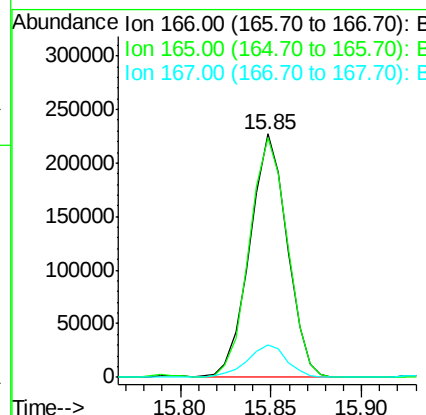
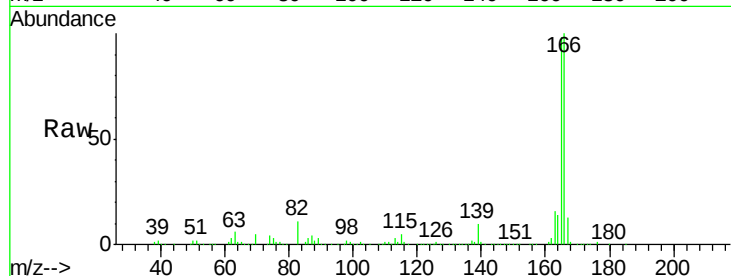
#59
 Fluorene
 Concen: 38.75 ng/ul
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG019536.D
 Acq: 9 Nov 2015 17:09

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	325522		
165	98.3	77.6	116.4	
167	13.4	9.6	14.4	

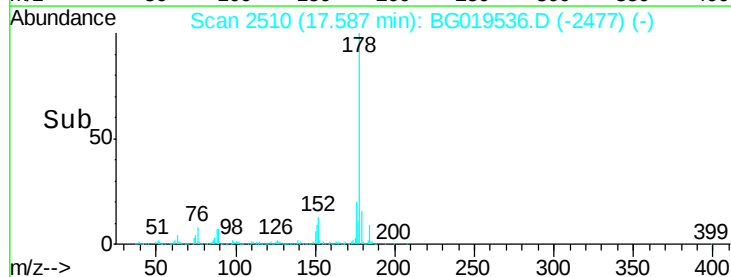
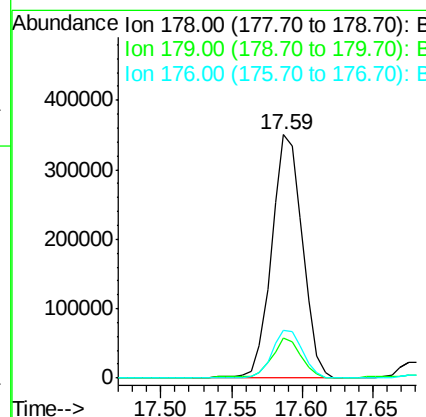
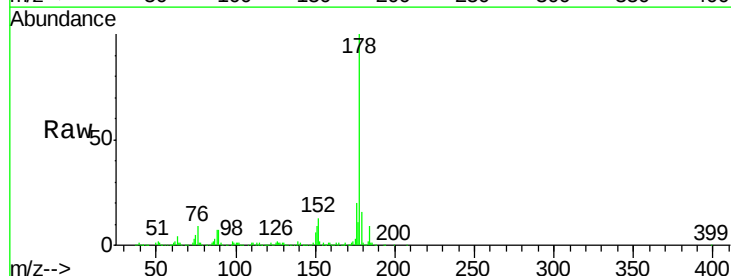
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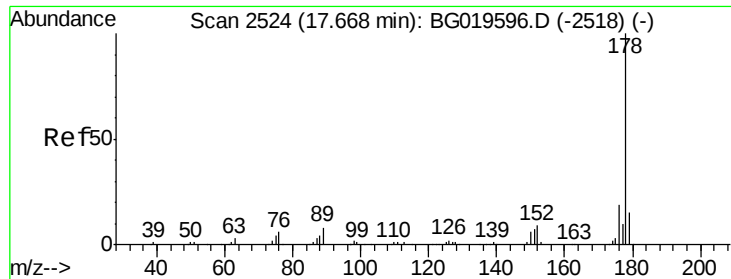
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#70
 Phenanthrene
 Concen: 38.05 ng/ul
 RT: 17.59 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG019536.D
 Acq: 9 Nov 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	534244		
179	16.3	12.6	18.8	
176	19.8	14.3	21.5	





#72

Anthracene

Concen: 2.43 ng/ul m

RT: 17.68 min Scan# 2526

Delta R.T. 0.00 min

Lab File: BG019536.D

Acq: 9 Nov 2015 17:09

Instrument :

BNA_G

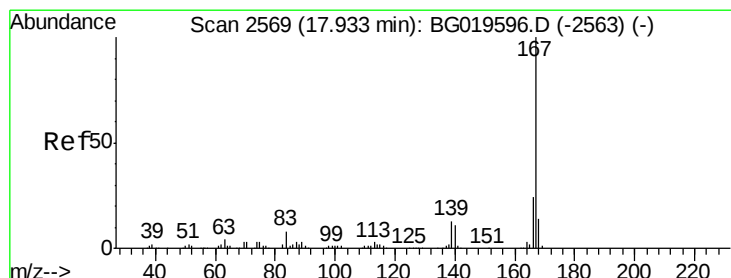
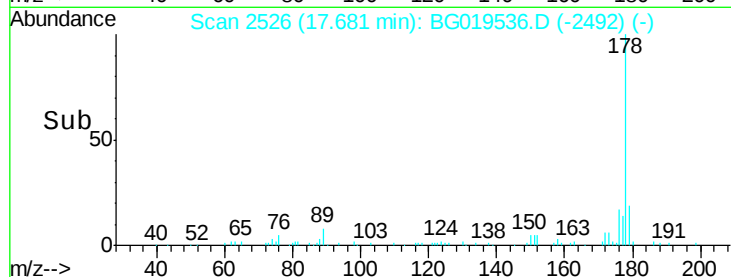
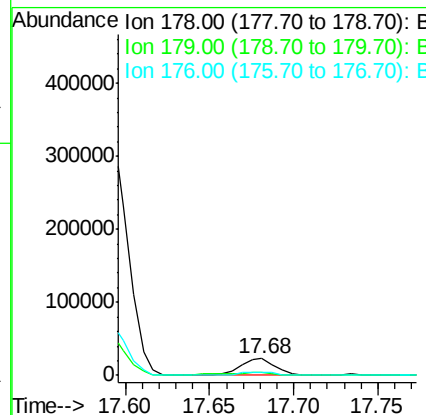
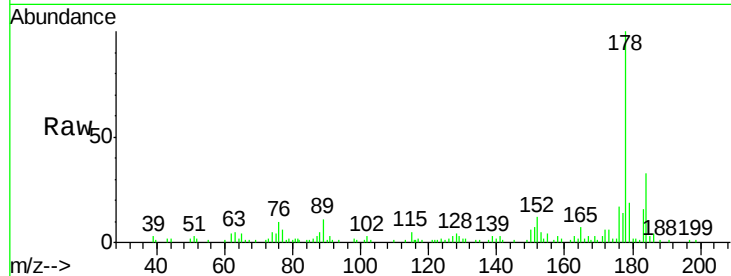
ClientSampleId :

BCY53DL

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.9	11.6	17.4#
176	16.5	14.2	21.4



#75

Carbazole

Concen: 62.74 ng/ul

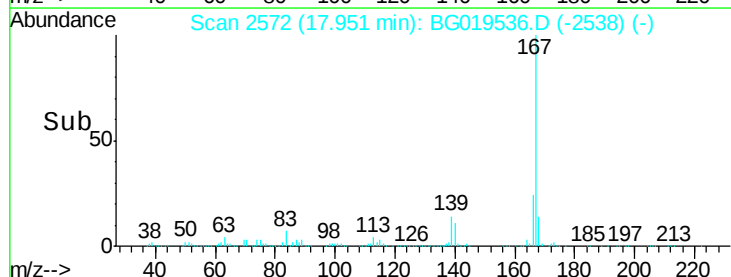
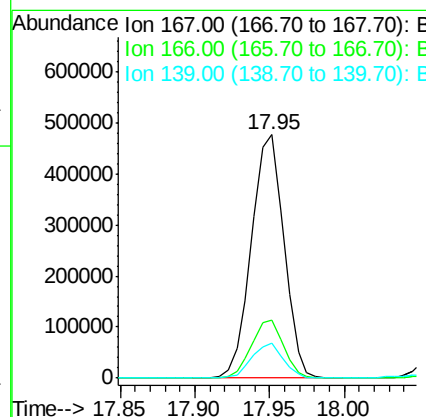
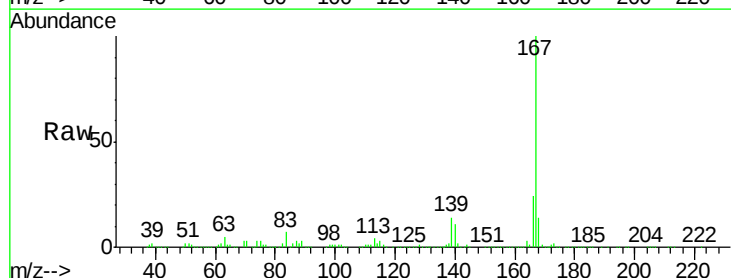
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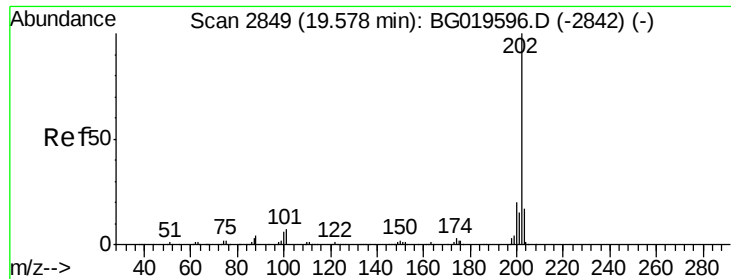
Delta R.T. 0.00 min

Lab File: BG019536.D

Acq: 9 Nov 2015 17:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	16.8	25.2
139	14.2	9.8	14.6





#77
 Fluoranthene
 Concen: 2.98 ng/ul
 RT: 19.58 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BG019536.D
 Acq: 9 Nov 2015 17:09

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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.4	4.0	6.0#
100	5.8	3.6	5.4#

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