

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

Instrument :
 BNA_G
 ClientSampleId :
 BCY50DL

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

Quant Time: Nov 17 16:29:59 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	1270m	1.30	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	11.15	131	428m	0.17	ng/ul	0.01
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	25938m	1.31	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	11.05	128	235468	35.48	ng/ul	96
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
75) Carbazole	17.94	167	35889	2.82	ng/ul#	97

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

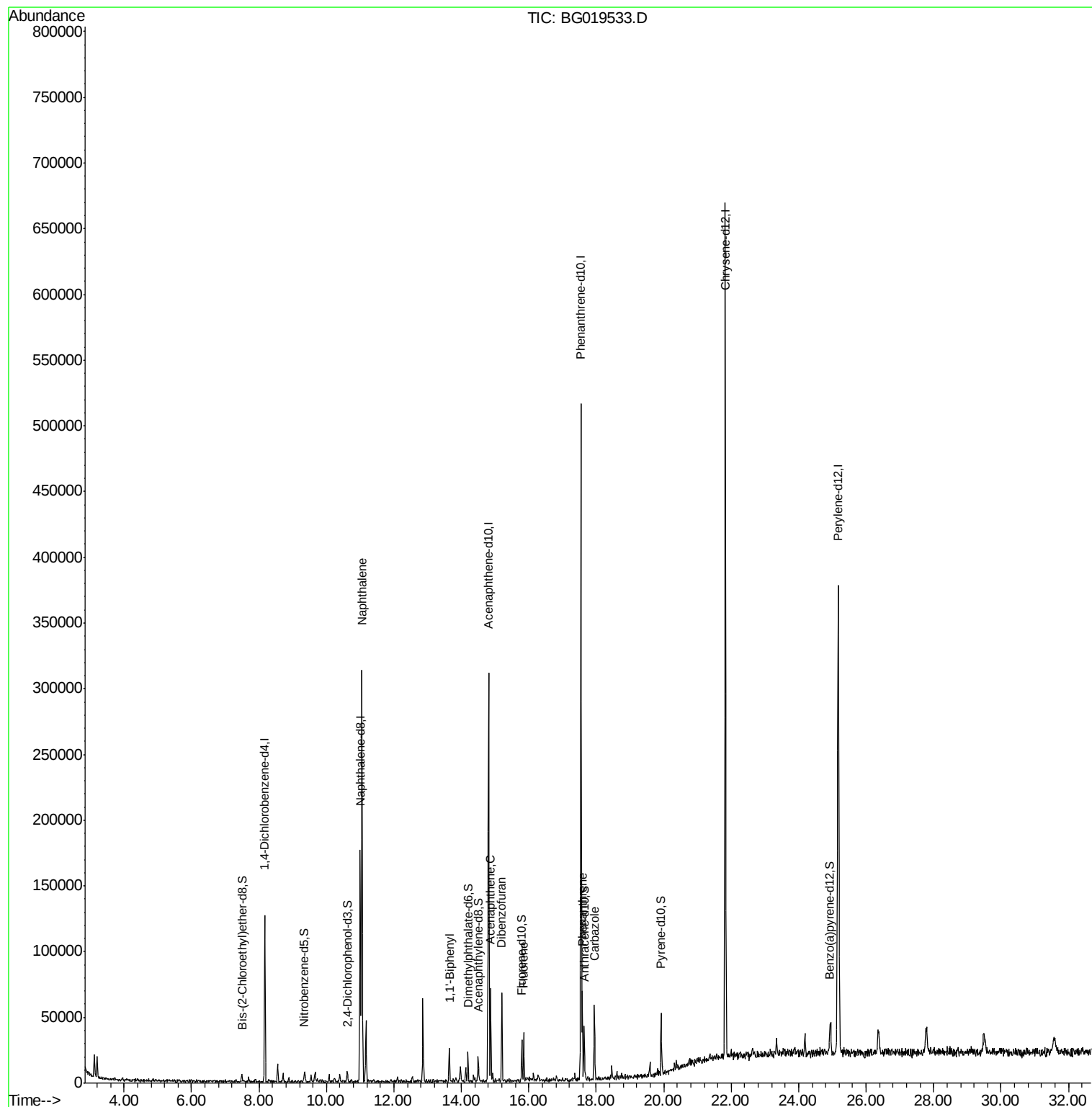
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019533.D
Acq On : 9 Nov 2015 15:15
Operator : UM/NP
Sample : G4245-15DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

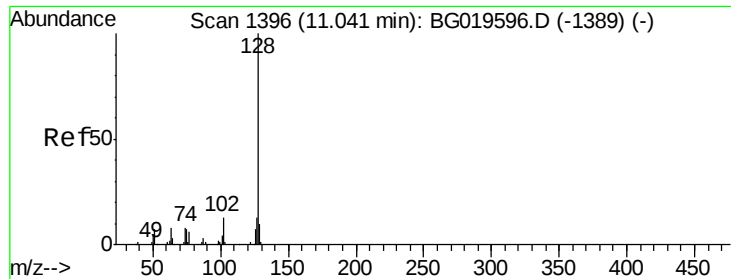
Instrument :
BNA_G
ClientSampleId :
BCY50DL

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Quant Title : SVOA CALIBRATION
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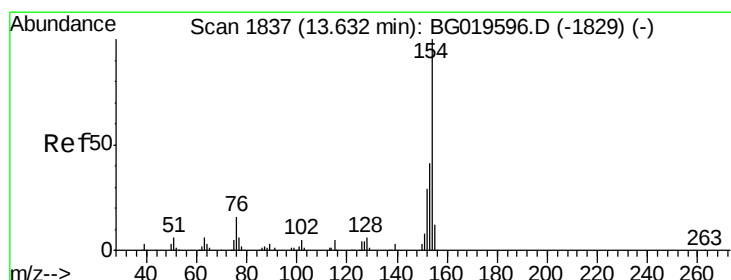
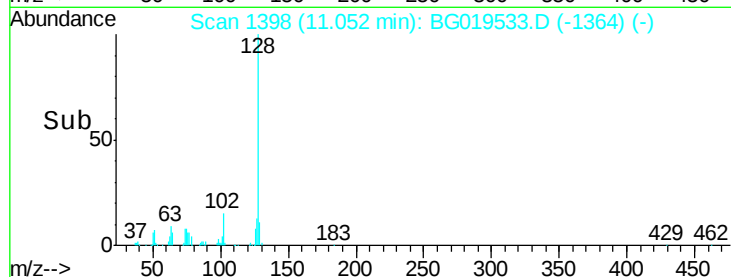
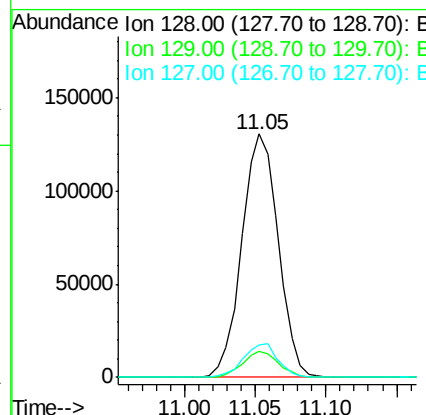
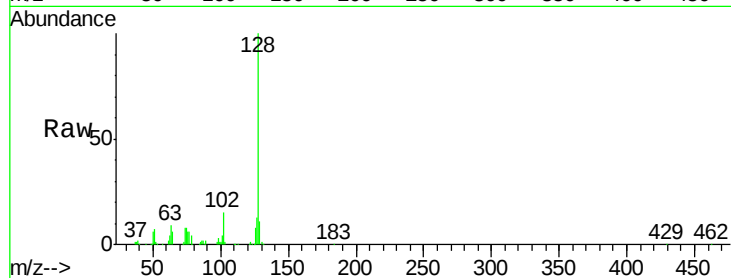
#28
Naphthalene
Concen: 35.48 ng/ul
RT: 11.05 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BG019533.D
Acq: 9 Nov 2015 15:15

Instrument :
BNA_G
ClientSampleId :
BCY50DL

Tot Ion	Ratio	Resp	Lower	Upper
128	100	235468		
129	10.8		8.9	13.3
127	13.5		13.1	19.7

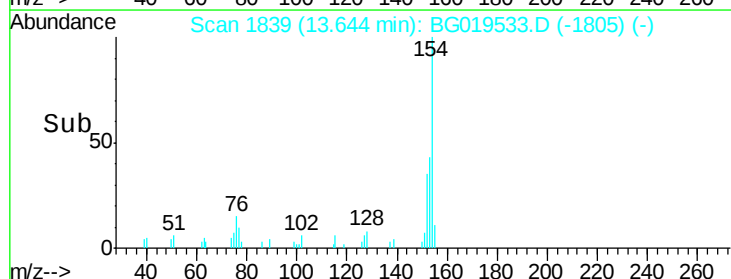
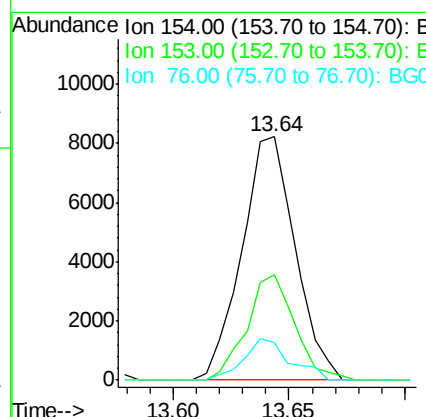
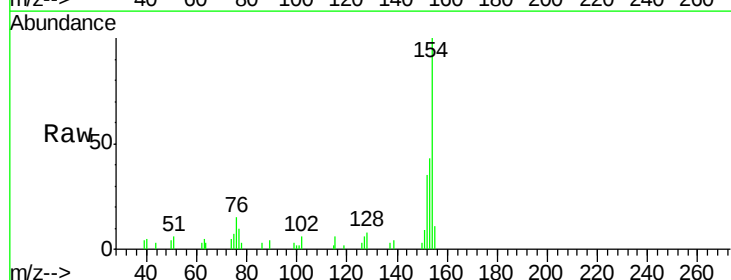
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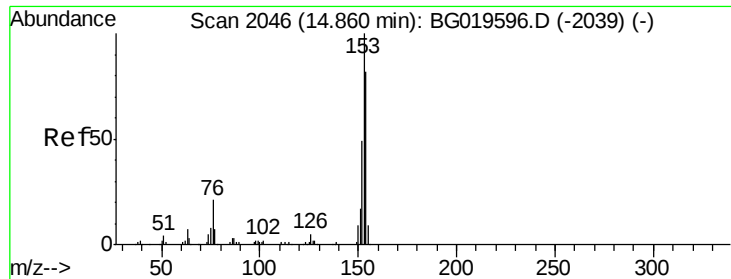
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#41
1,1'-Biphenyl
Concen: 1.79 ng/ul
RT: 13.64 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BG019533.D
Acq: 9 Nov 2015 15:15

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





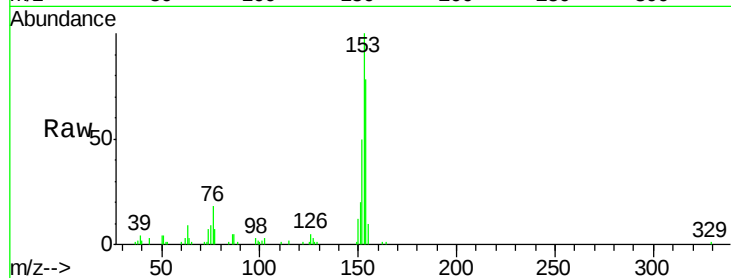
#50
Acenaphthene
Concen: 4.26 ng/ul
RT: 14.87 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BG019533.D
Acq: 9 Nov 2015 15:15

Instrument :
BNA_G
ClientSampleId :
BCY50DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	49.5	38.8	58.2
154	77.6	71.5	107.3

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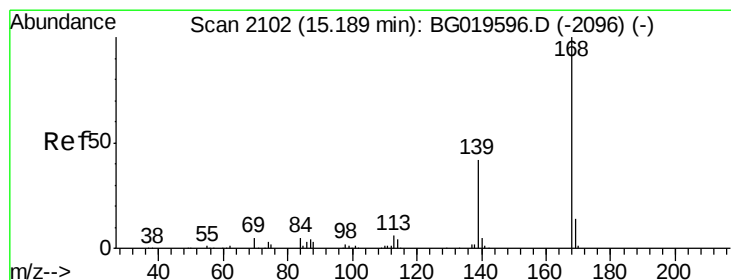
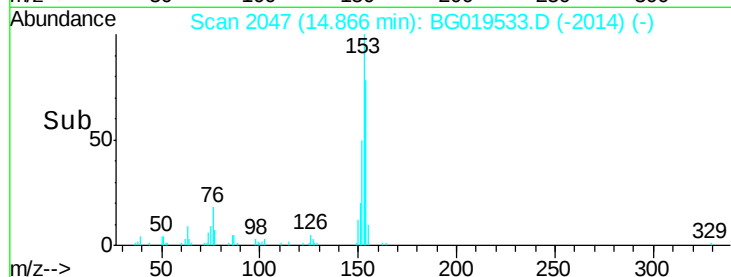
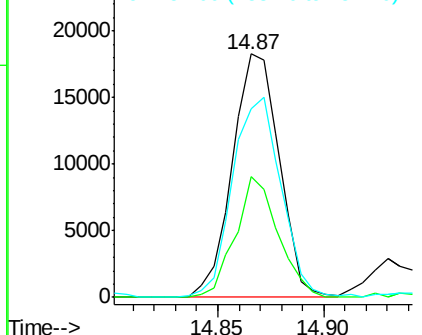


Abundance

Ion 153.00 (152.70 to 153.70): E

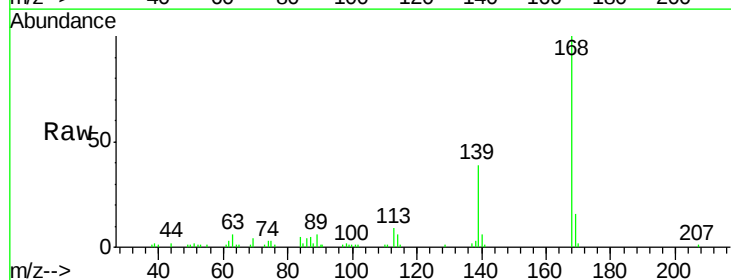
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 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

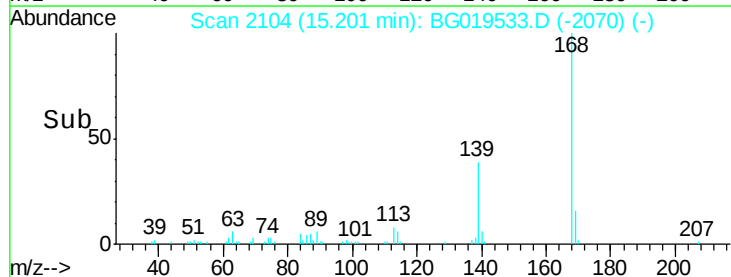
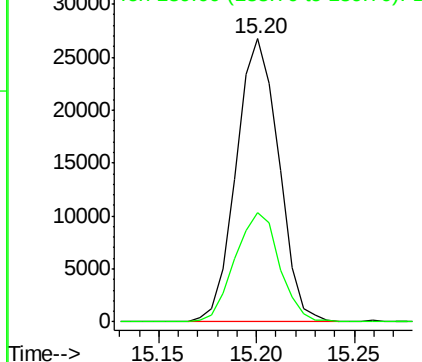
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.4	48.6

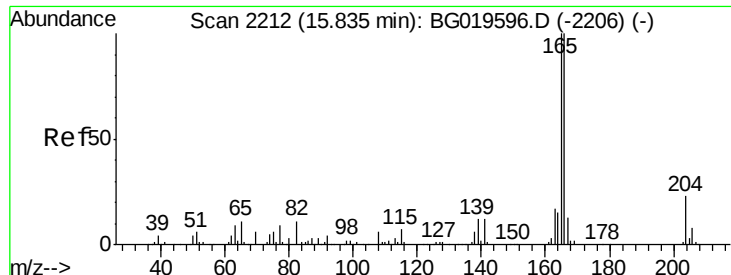


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





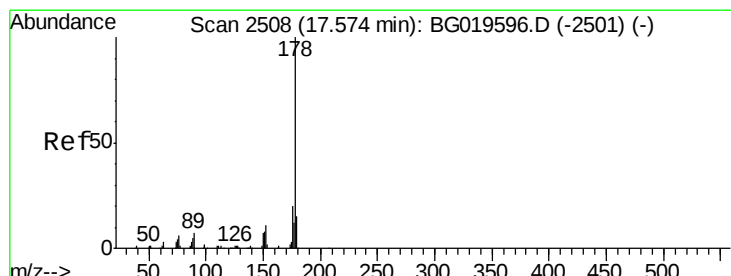
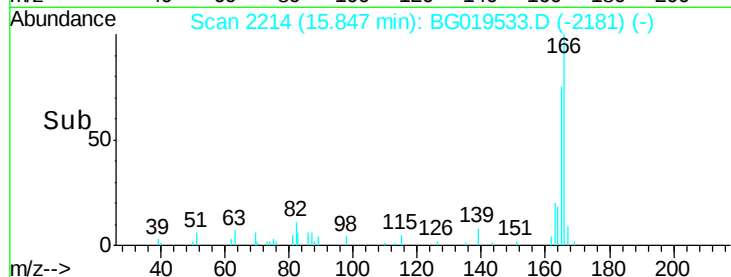
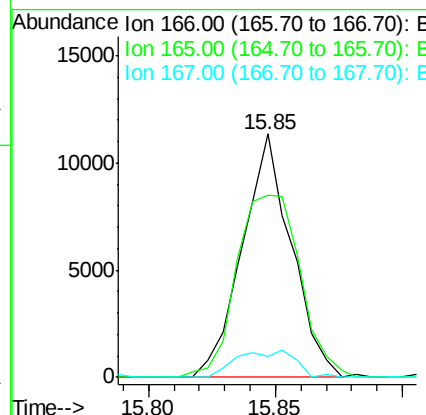
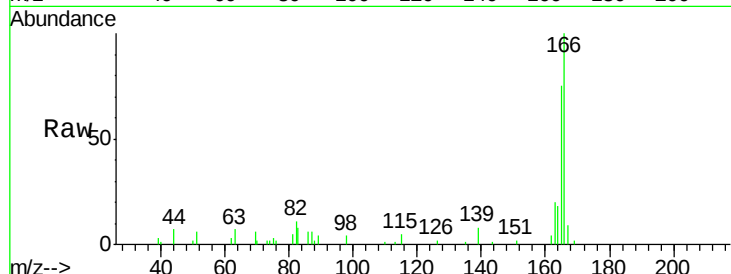
#59
Fluorene
Concen: 1.80 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG019533.D
Acq: 9 Nov 2015 15:15

Instrument :
BNA_G
ClientSampleId :
BCY50DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	74.9	77.6	116.4#
167	8.8	9.6	14.4#

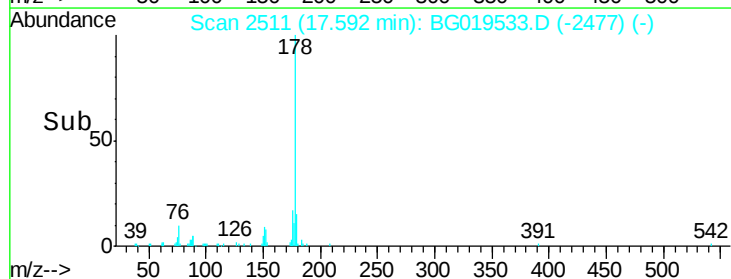
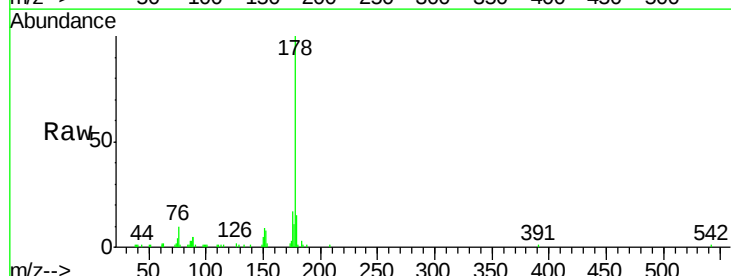
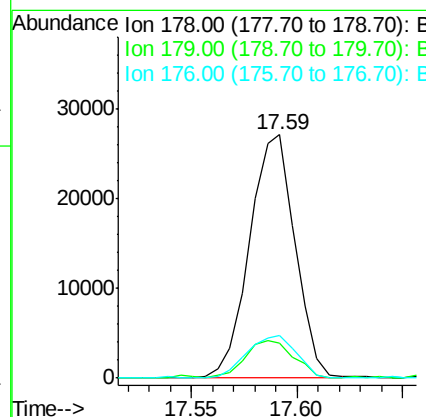
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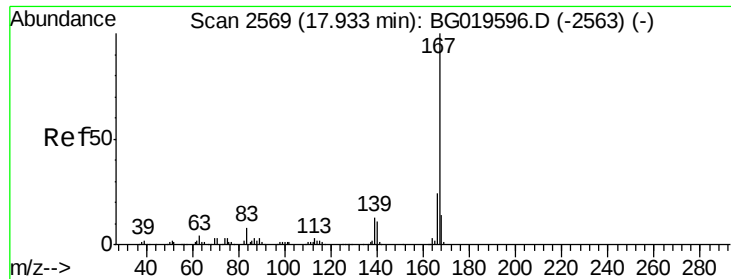
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#70
Phenanthrene
Concen: 2.60 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG019533.D
Acq: 9 Nov 2015 15:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	18.8
176	17.3	14.3	21.5





#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

Manual Integrations
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