

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
 Data File : BG019538.D
 Acq On : 9 Nov 2015 18:26
 Operator : UM/NP
 Sample : G4245-16DL2 100X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY51DL2

Manual Integrations
 APPROVED

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Quant Time: Nov 17 16:31:17 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	27809	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	117101	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	100412	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	297439	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	409901	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	388311	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.32	99	176	0.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	847	0.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	589m	0.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	62	0.03	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	316	0.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	466m	0.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	456	0.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	82	0.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	3660	0.44	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	3809	0.42	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.79	176	3090	0.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.64	188	6248	0.46	ng/ul	0.00
79) Pyrene-d10	19.92	212	6509	0.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	2976	0.15	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	11.06	128	276129	47.13	ng/ul 97
34) 2-Methylnaphthalene	12.65	142	10019m	2.13	ng/ul
41) 1,1'-Biphenyl	13.64	154	7753	1.09	ng/ul# 88
50) Acenaphthene	14.87	153	20462	3.23	ng/ul 98
54) Dibenzofuran	15.20	168	26886	2.88	ng/ul 95
59) Fluorene	15.85	166	16803	2.06	ng/ul 92
70) Phenanthrene	17.59	178	33174	2.21	ng/ul# 95
75) Carbazole	17.94	167	29560	2.42	ng/ul# 93

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

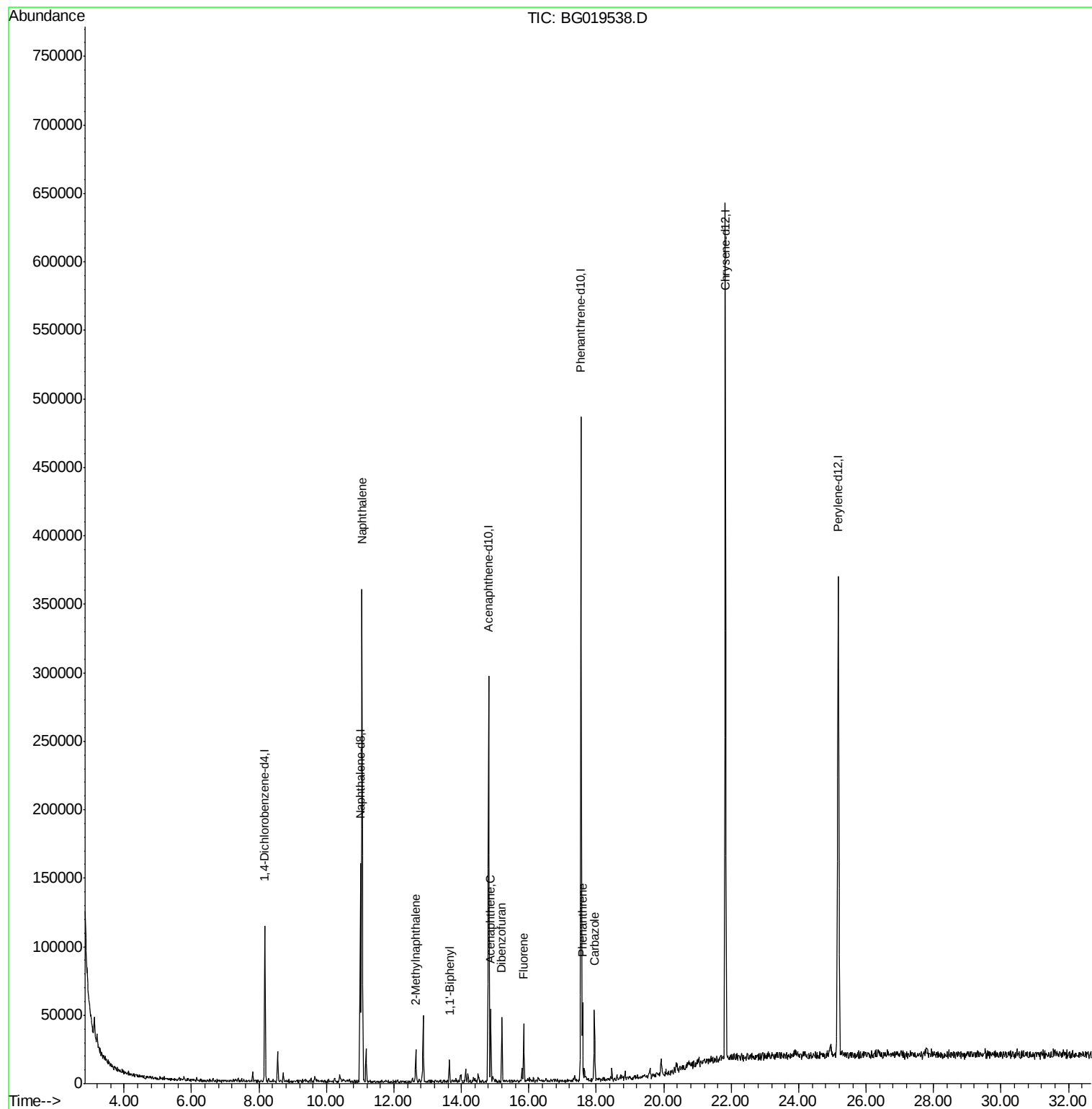
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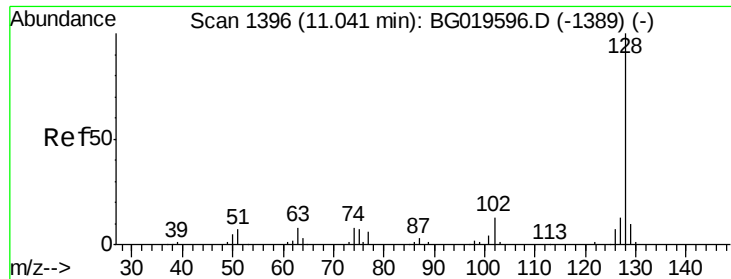
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Nov 17 16:31:17 2015
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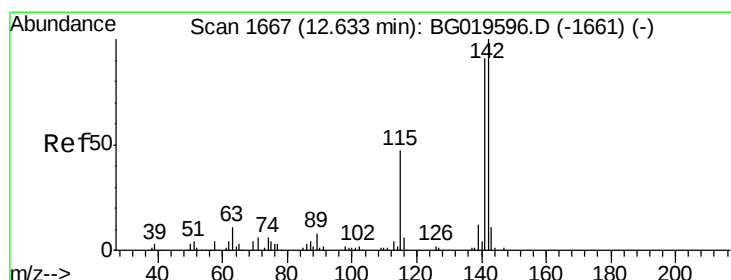
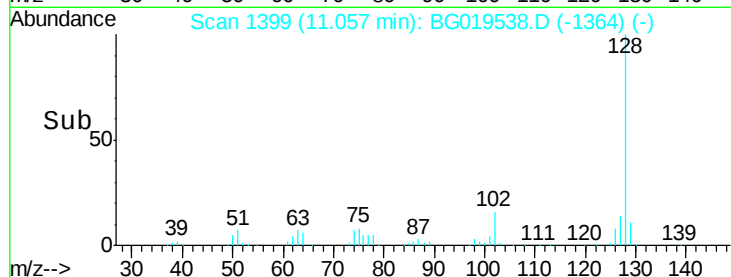
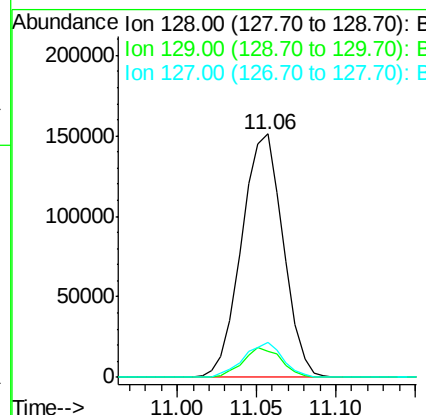
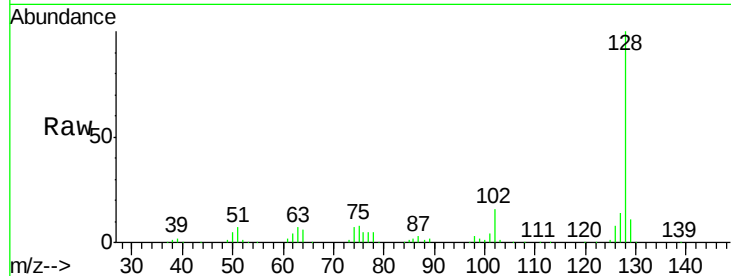
#28
Naphthalene
Concen: 47.13 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BG019538.D
Acq: 9 Nov 2015 18:26

Instrument :
BNA_G
ClientSampleId :
BCY51DL2

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	14.1	13.1	19.7

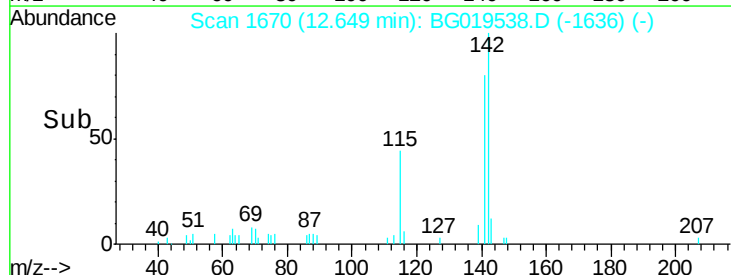
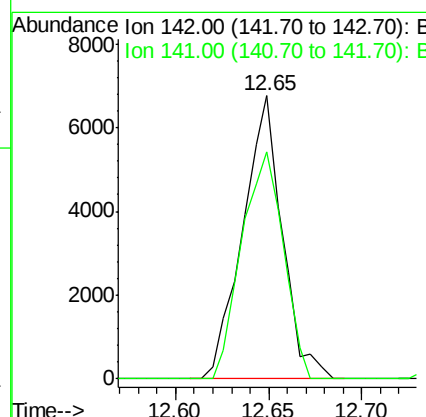
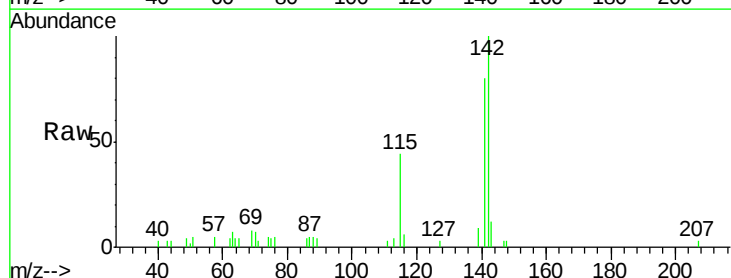
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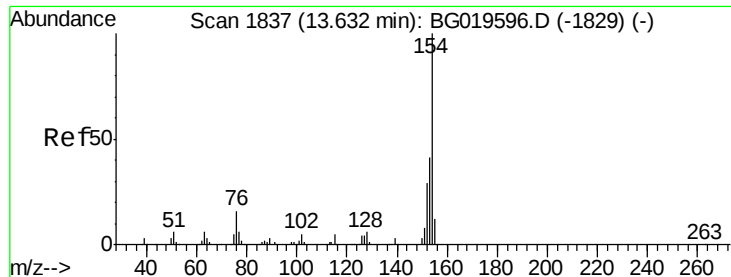
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#34
2-Methylnaphthalene
Concen: 2.13 ng/ul m
RT: 12.65 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BG019538.D
Acq: 9 Nov 2015 18:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	80.4	73.4	110.2





#41

1,1'-Biphenyl

Concen: 1.09 ng/ul

RT: 13.64 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BG019538.D

Acq: 9 Nov 2015 18:26

Instrument :

BNA_G

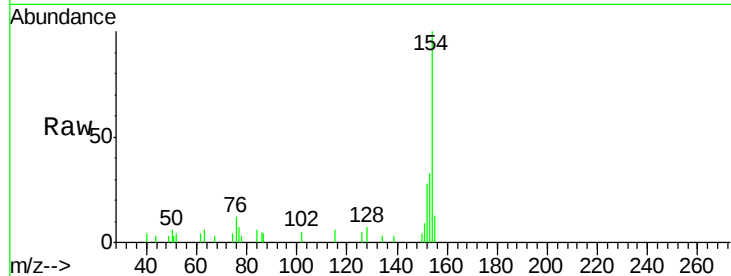
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BCY51DL2

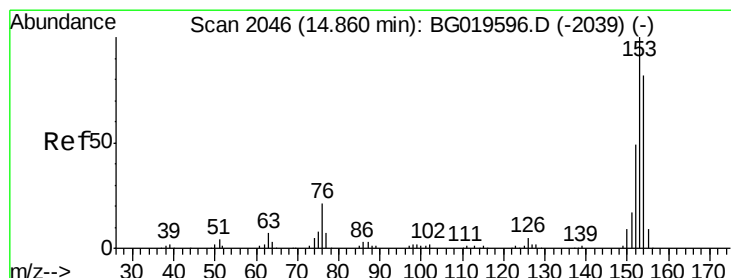
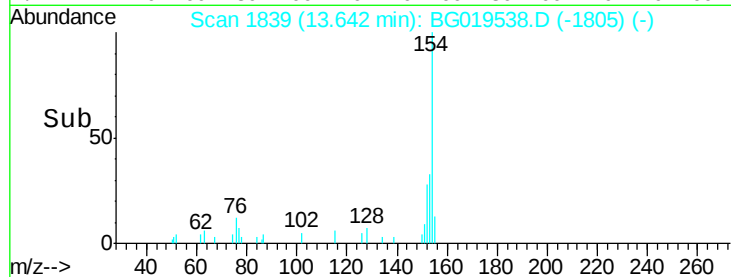
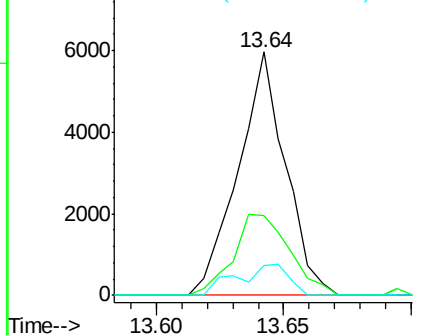
Tot Ion:	154	Resp:	7753
Ion Ratio	Lower	Upper	
154	100		
153	32.7	32.8	49.2#
76	12.1	7.7	11.5#

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#50

Acenaphthene

Concen: 3.23 ng/ul

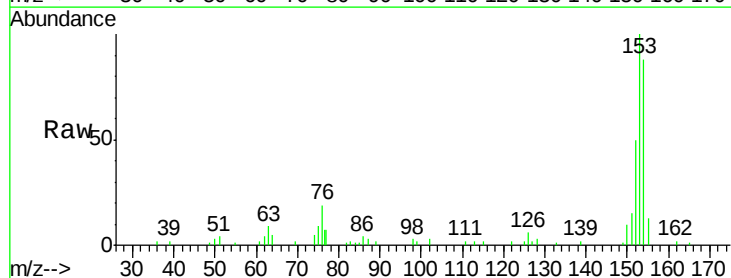
RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

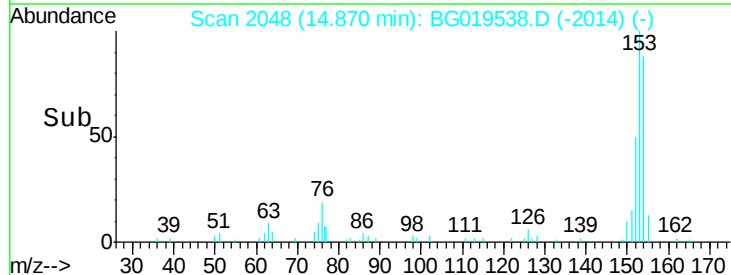
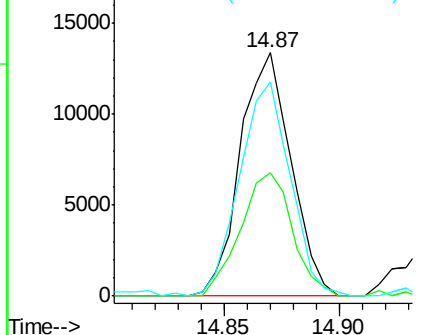
Lab File: BG019538.D

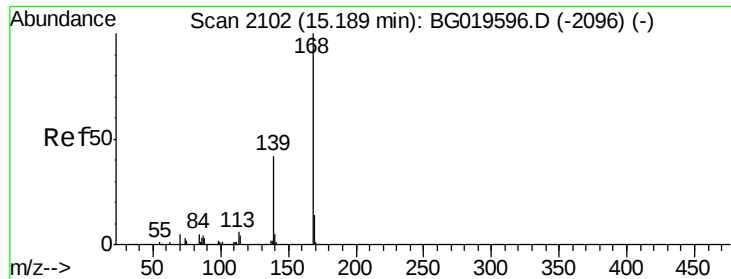
Acq: 9 Nov 2015 18:26

Tgt Ion:	153	Resp:	20462
Ion Ratio	Lower	Upper	
153	100		
152	50.4	38.8	58.2
154	87.9	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





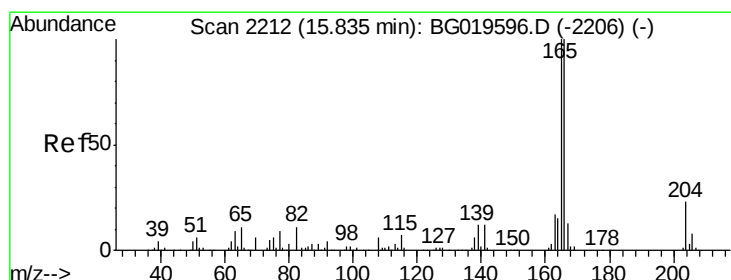
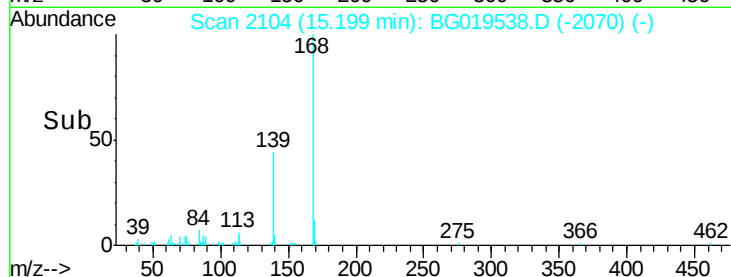
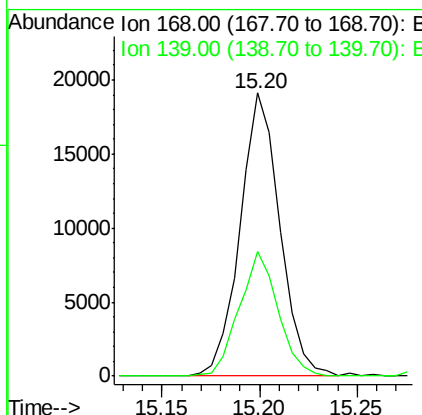
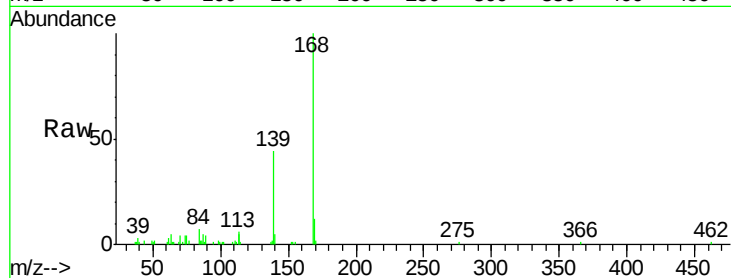
#54
Dibenzenofuran
Concen: 2.88 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG019538.D
Acq: 9 Nov 2015 18:26

Instrument :
BNA_G
ClientSampleId :
BCY51DL2

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.9	32.4	48.6

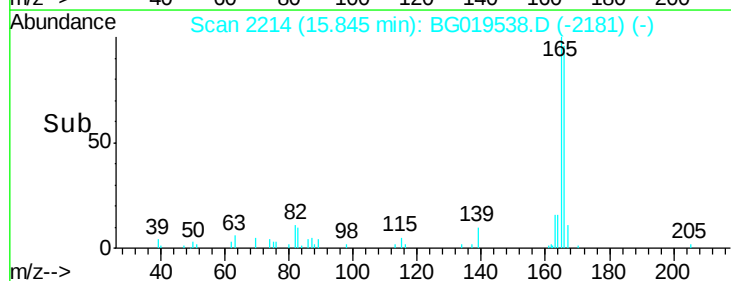
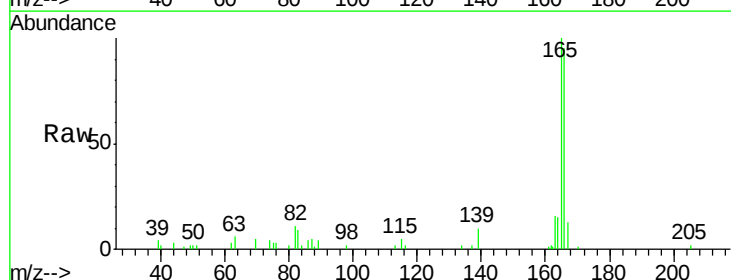
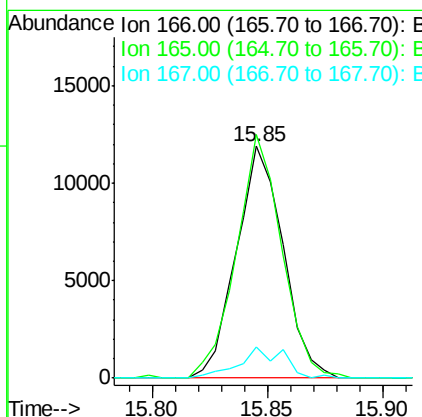
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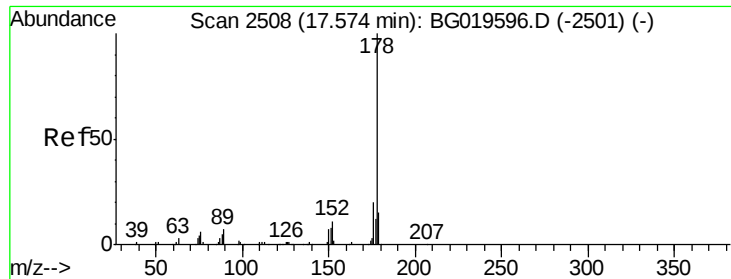
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#59
Fluorene
Concen: 2.06 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG019538.D
Acq: 9 Nov 2015 18:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.1	77.6	116.4
167	13.2	9.6	14.4





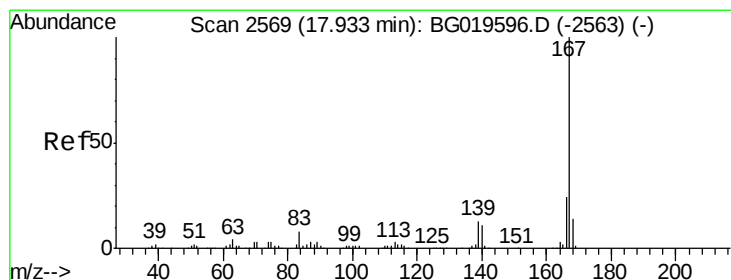
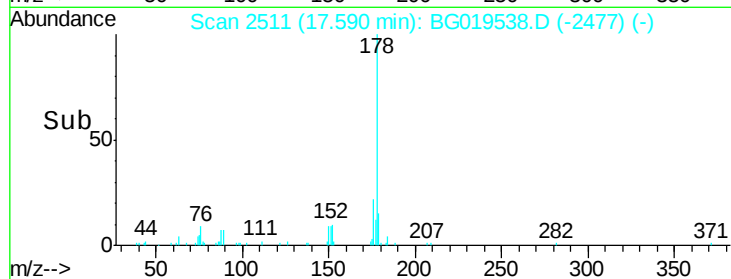
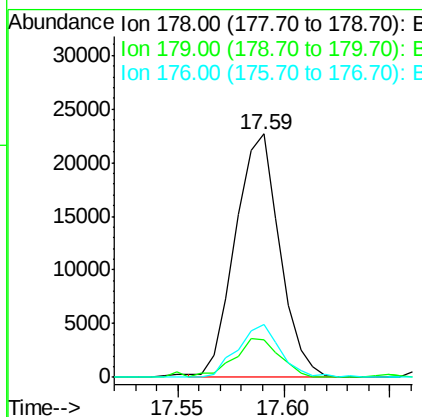
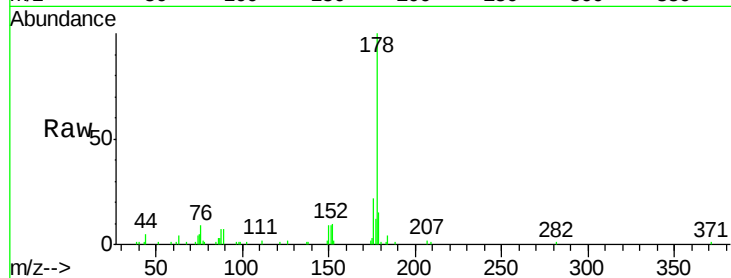
#70
 Phenanthrene
 Concen: 2.21 ng/ul
 RT: 17.59 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BG019538.D
 Acq: 9 Nov 2015 18:26

Instrument :
 BNA_G
 ClientSampleId :
 BCY51DL2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	21.8	14.3	21.5#

Manual Integrations
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#75
 Carbazole
 Concen: 2.42 ng/ul
 RT: 17.94 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BG019538.D
 Acq: 9 Nov 2015 18:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.0	16.8	25.2
139	15.5	9.8	14.6#

