

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

Manual Integrations
 APPROVED

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 11/10/2015 1:04:23 PM

Quant Time: Nov 17 16:32:06 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						
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	809m	0.42	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						
28) Naphthalene	11.05	128	473559	71.04	ng/ul	96
34) 2-Methylnaphthalene	12.65	142	10086	1.88	ng/ul	91
41) 1,1'-Biphenyl	13.64	154	10234m	1.36	ng/ul	
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
75) Carbazole	17.94	167	42415	3.34	ng/ul	98

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

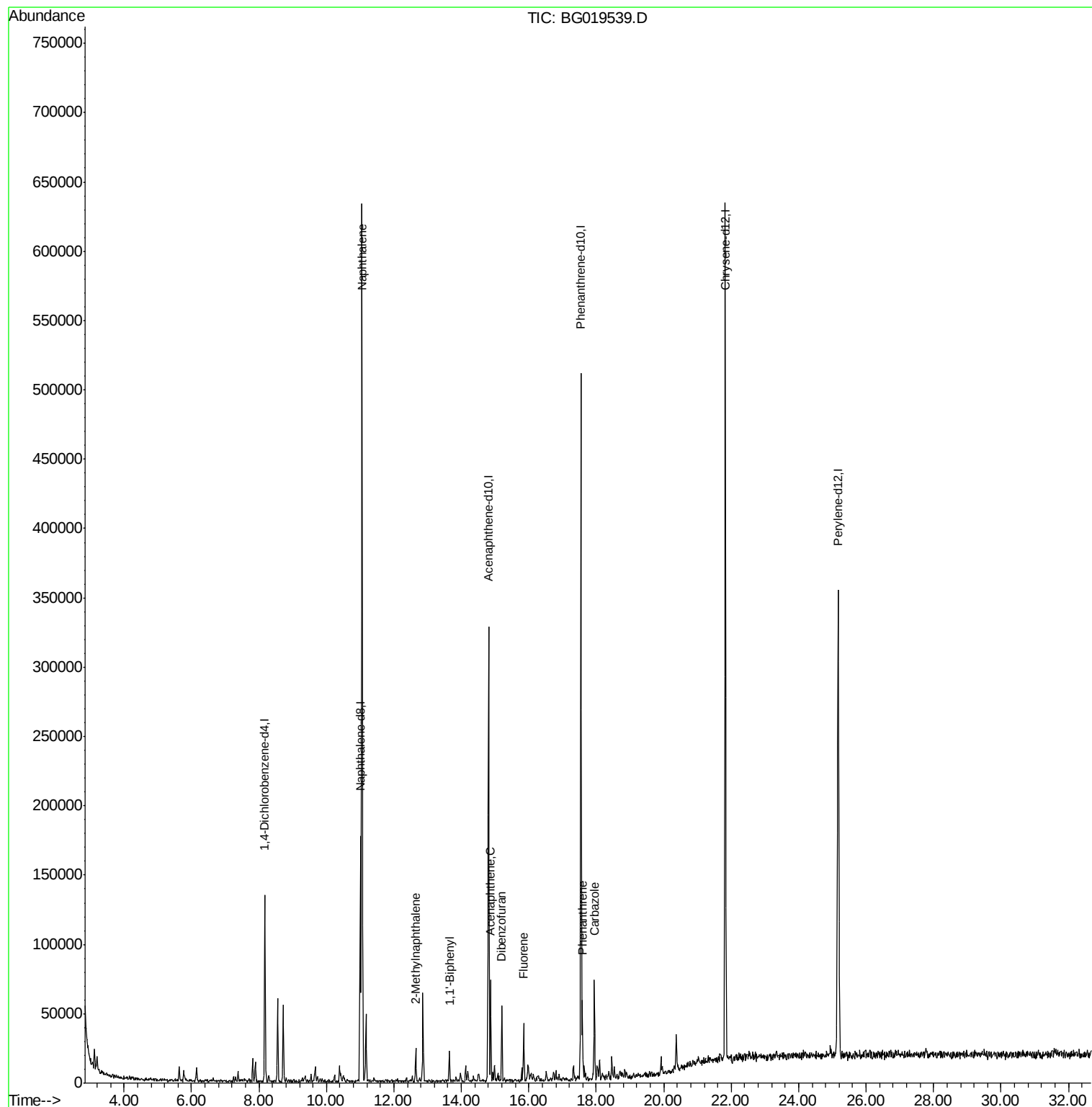
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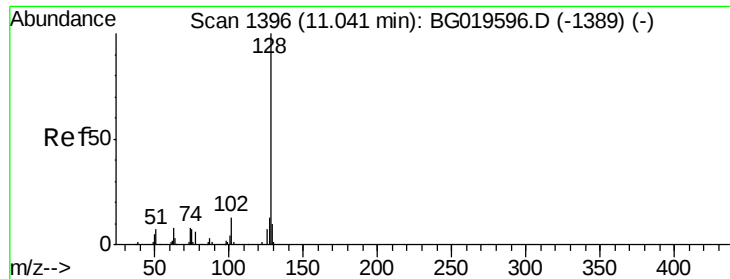
Instrument :
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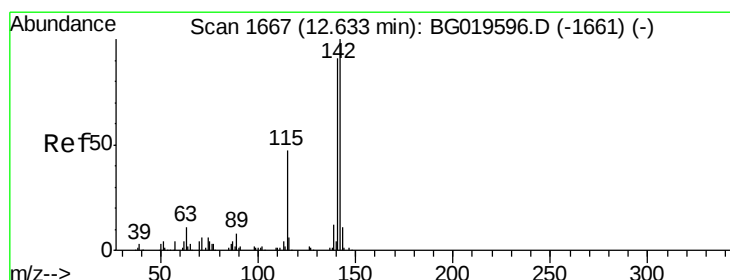
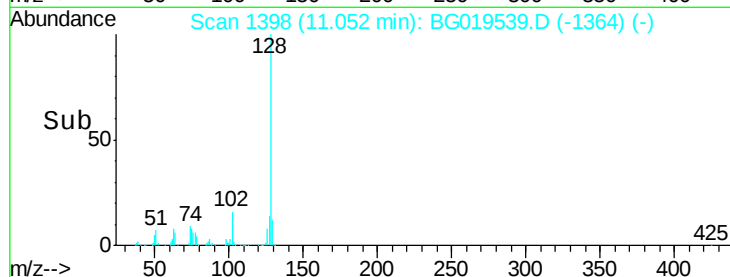
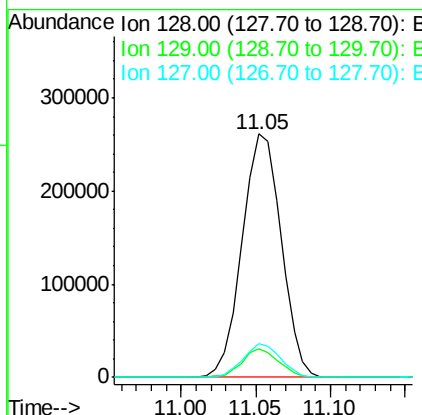
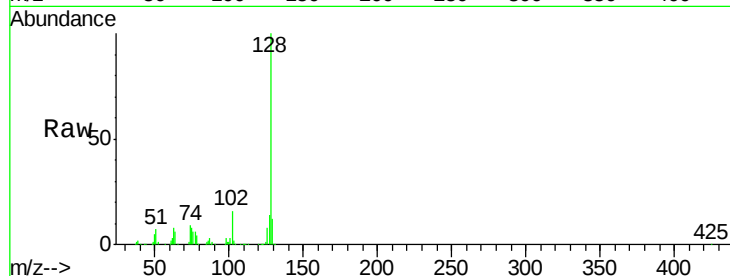
#28
Naphthalene
Concen: 71.04 ng/ul
RT: 11.05 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BG019539.D
Acq: 9 Nov 2015 19:04

Instrument :
BNA_G
ClientSampleId :
BCY52DL3

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

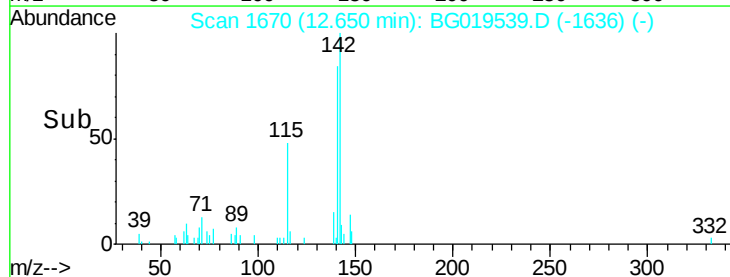
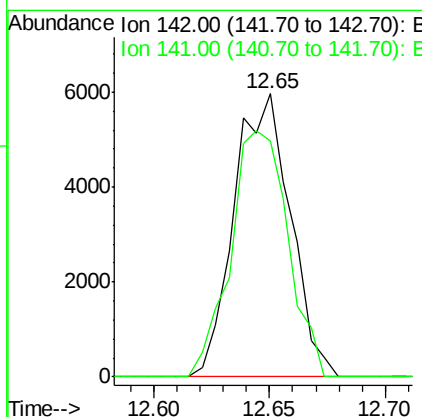
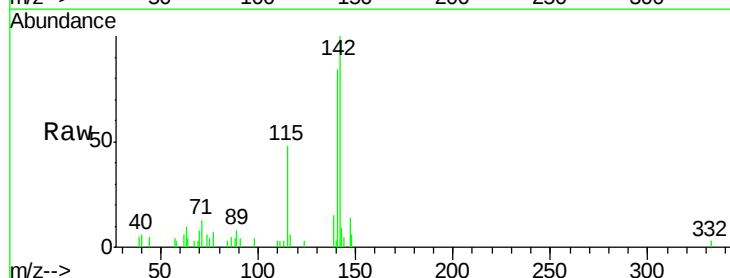
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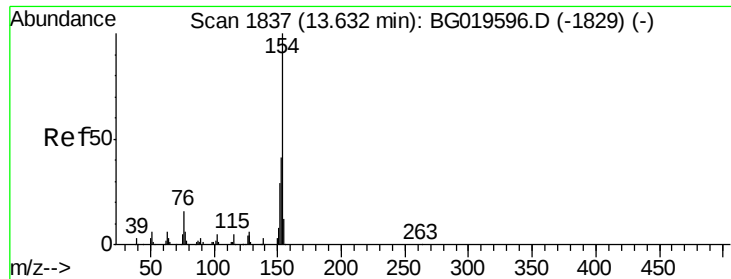
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#34
2-Methylnaphthalene
Concen: 1.88 ng/ul
RT: 12.65 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG019539.D
Acq: 9 Nov 2015 19:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.5	73.4	110.2





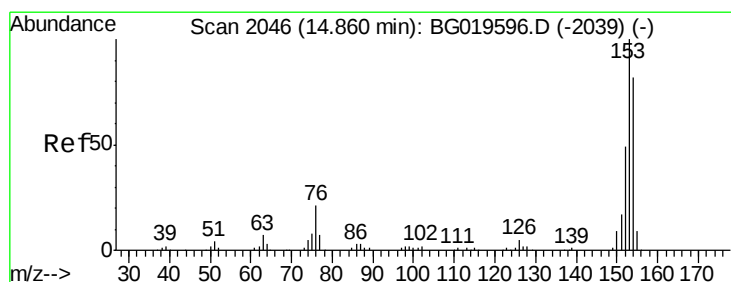
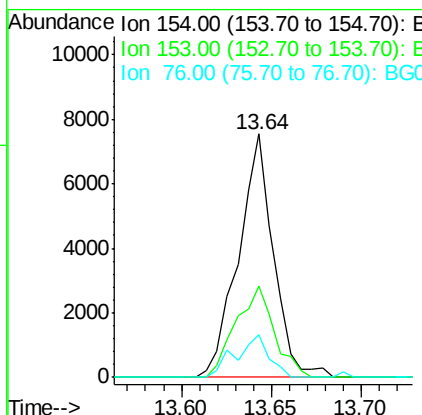
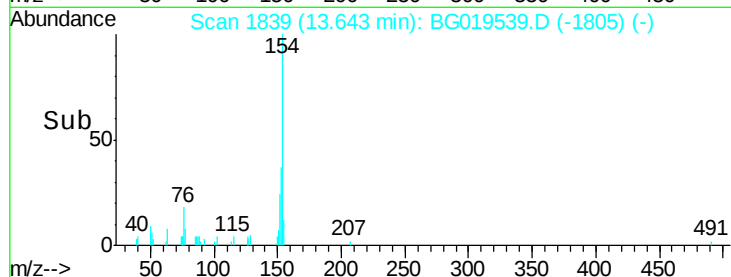
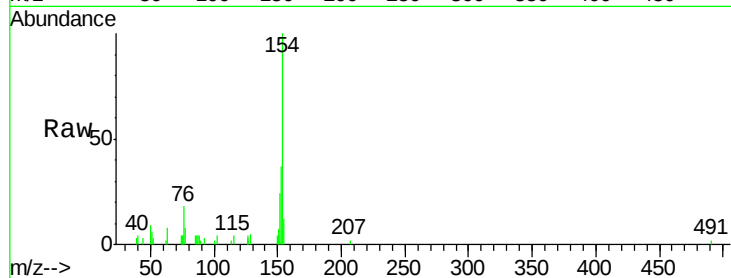
#41
 1,1'-Biphenyl
 Concen: 1.36 ng/ul m
 RT: 13.64 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BG019539.D
 Acq: 9 Nov 2015 19:04

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

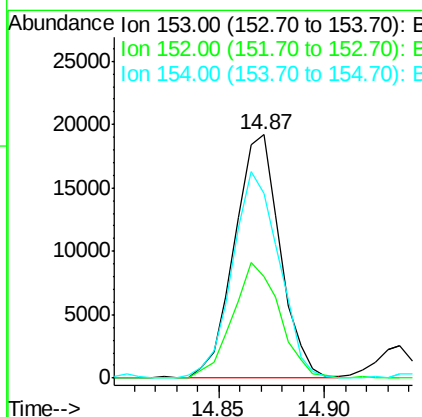
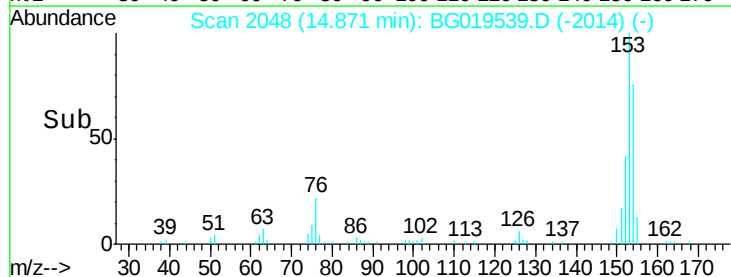
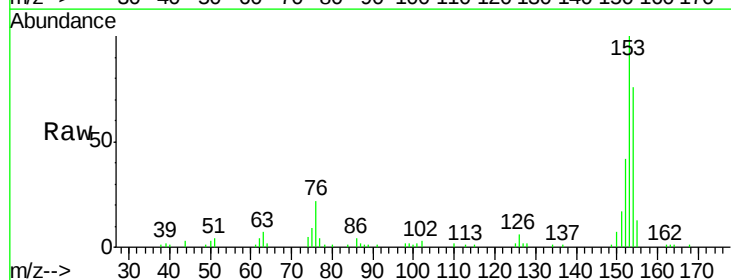
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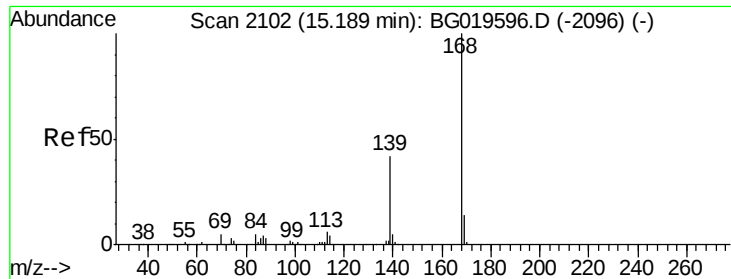
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#50
 Acenaphthene
 Concen: 4.29 ng/ul
 RT: 14.87 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BG019539.D
 Acq: 9 Nov 2015 19:04

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

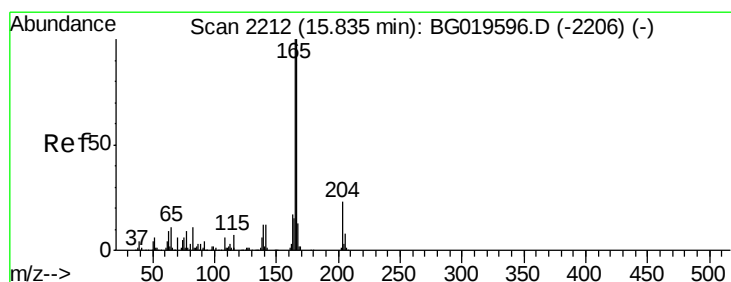
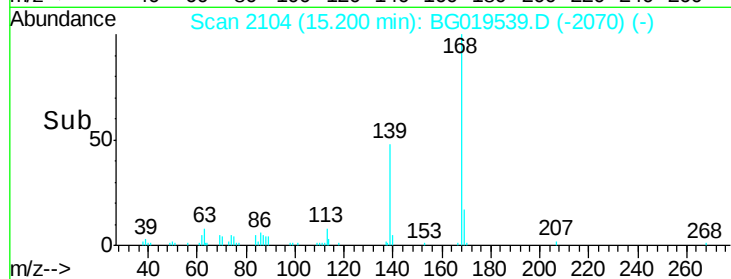
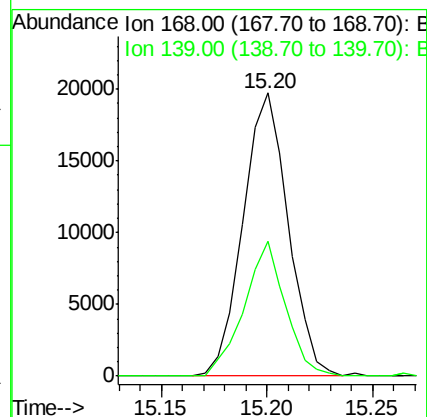
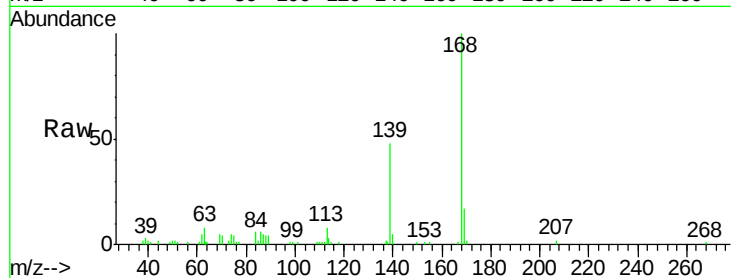
Ion Ratio Lower Upper

168 100

139 47.5 32.4 48.6

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#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

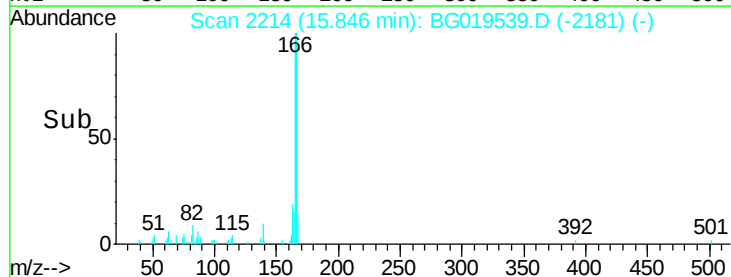
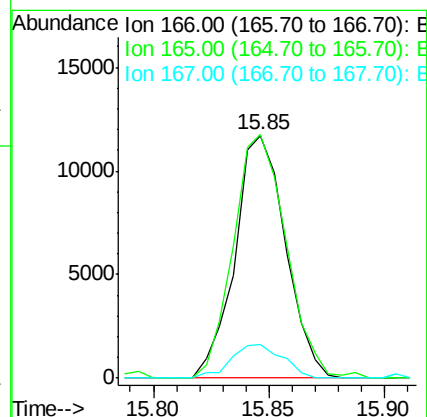
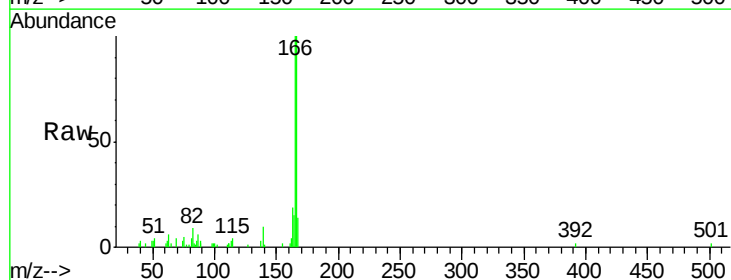
Tgt Ion:166 Resp: 17854

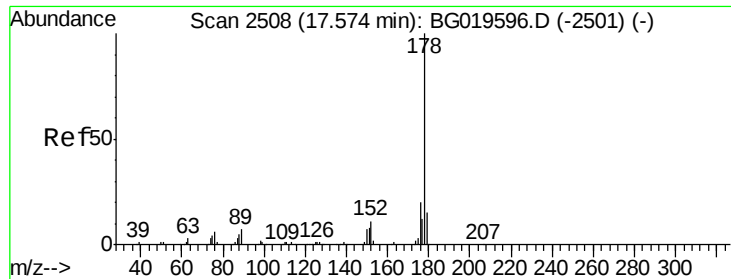
Ion Ratio Lower Upper

166 100

165 100.4 77.6 116.4

167 14.1 9.6 14.4





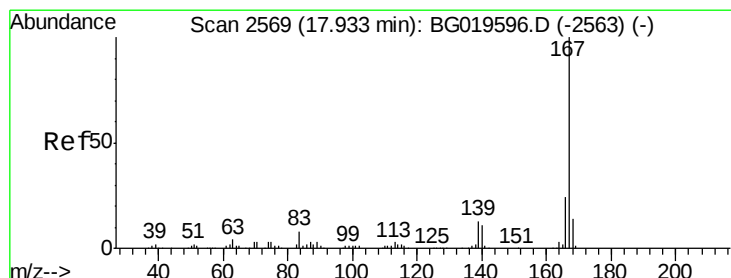
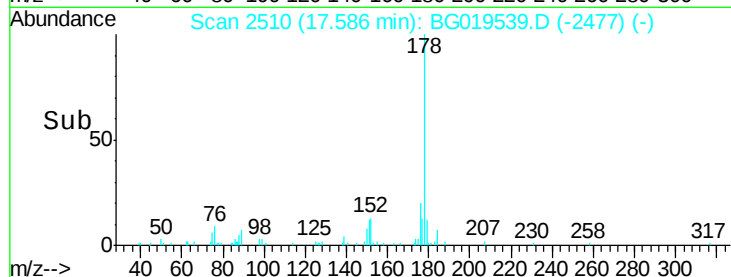
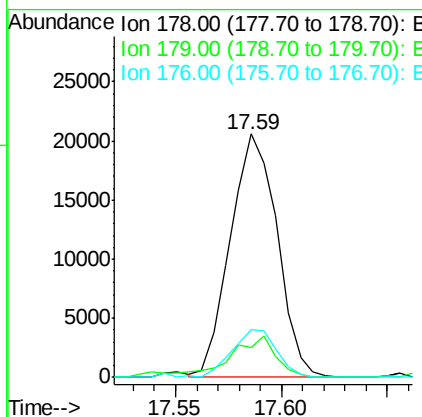
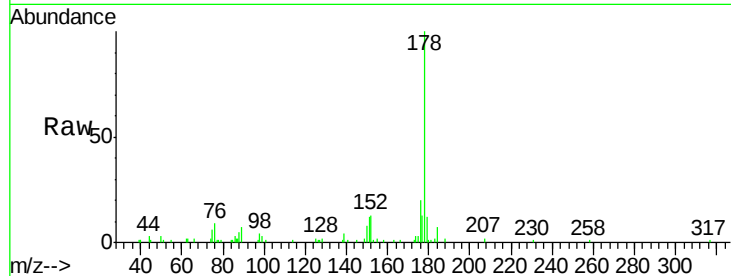
#70
Phenanthrene
Concen: 2.03 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BG019539.D
Acq: 9 Nov 2015 19:04

Instrument :
BNA_G
ClientSampleId :
BCY52DL3

Tot Ion	Ratio	Lower	Upper
178	100		
179	12.3	12.6	18.8#
176	19.7	14.3	21.5

Manual Integrations
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#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

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.8	16.8	25.2
139	12.7	9.8	14.6

