

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122815\
 Data File : BG020578.D
 Acq On : 29 Dec 2015 00:25
 Operator : UM/SJ
 Sample : G4847-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N66DL

Manual Integrations
 APPROVED

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 12/29/2015 4:55:06 PM

Quant Time: Dec 29 05:59:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 29 05:04:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	12036	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	52545	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	40589	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	123466	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	164809	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	157828	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	7.23	99	781	0.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	3010	5.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	3252	4.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	1955	2.41	ng/ul	0.01
19) Nitrobenzene-d5	9.24	128	1933	4.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	2278	4.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	4007m	4.42	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	20860	6.24	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	22507	5.81	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	18222	6.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	1598	1.95	ng/ul	0.00
71) Anthracene-d10	17.55	188	36211	6.26	ng/ul	0.00
79) Pyrene-d10	19.83	212	44451	6.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	46461	5.82	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.93	128	87264	31.24	ng/ul	100
34) 2-Methylnaphthalene	12.54	142	9821	4.75	ng/ul	95
41) 1,1'-Biphenyl	13.54	154	3775	1.21	ng/ul#	95
50) Acenaphthene	14.77	153	20248	7.35	ng/ul	95
54) Dibenzofuran	15.11	168	13615	3.32	ng/ul	91
59) Fluorene	15.75	166	12582	3.79	ng/ul	92
70) Phenanthrene	17.49	178	29009	4.22	ng/ul	99
75) Carbazole	17.86	167	11524	1.95	ng/ul	94

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

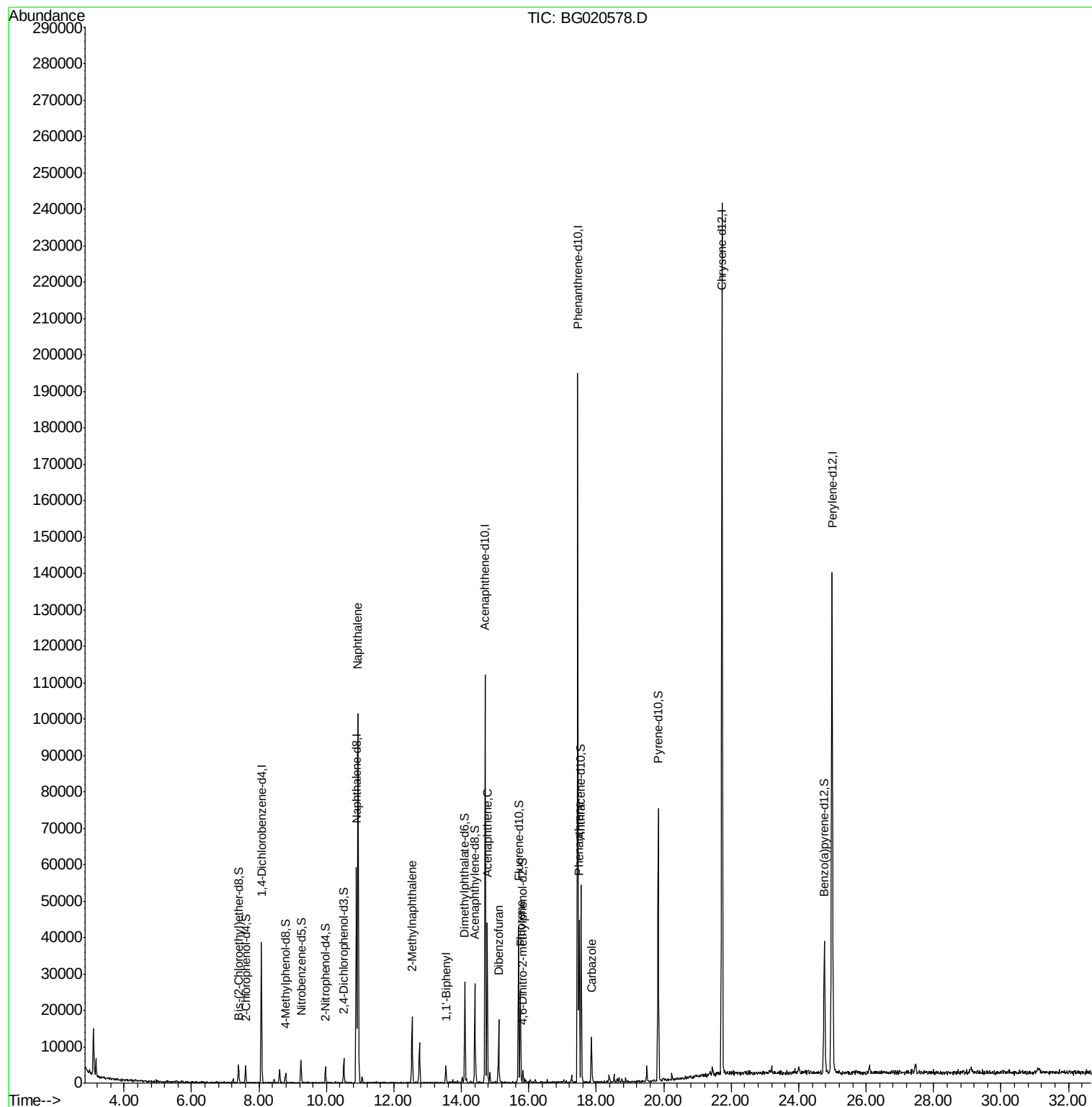
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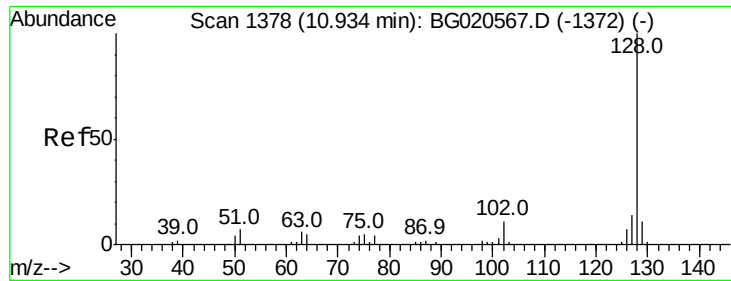
Instrument :
BNA_G
ClientSampleId :
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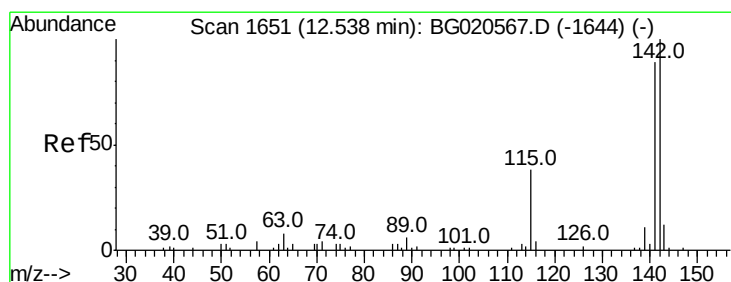
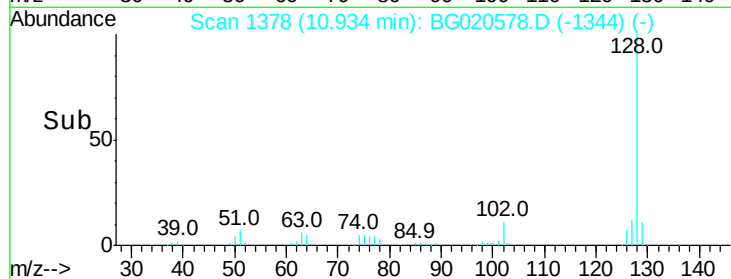
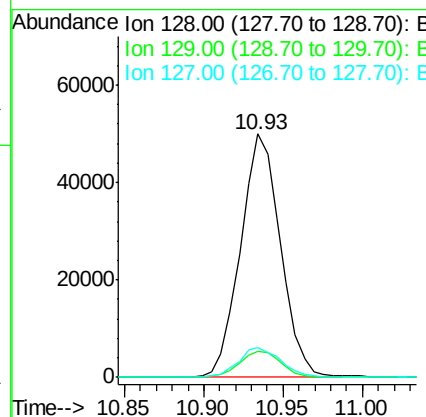
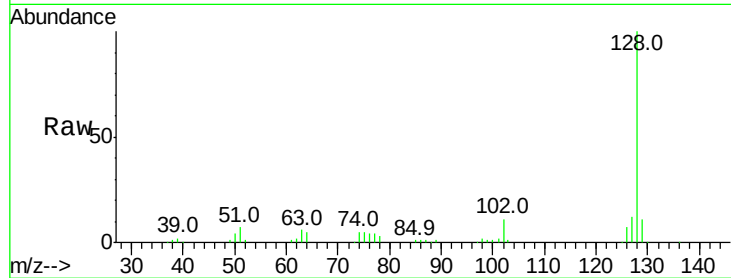
#28
Naphthalene
Concen: 31.24 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020578.D
Acq: 29 Dec 2015 00:25

Instrument :
BNA_G
ClientSampleId :
D9N66DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	12.3	10.1	15.1

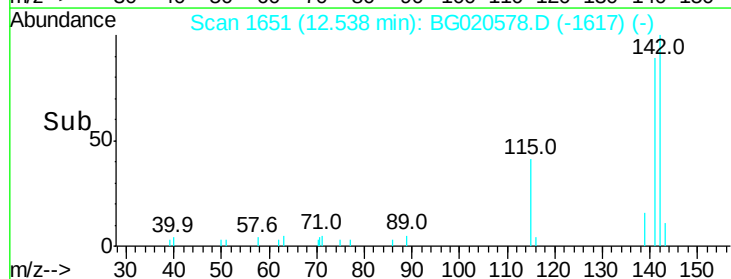
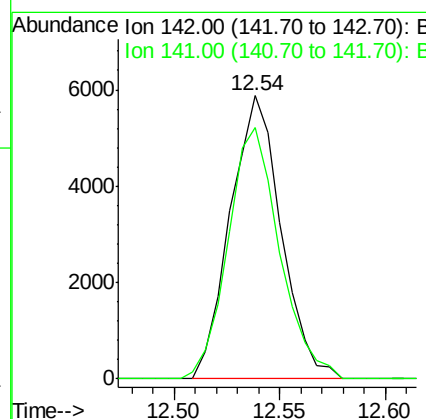
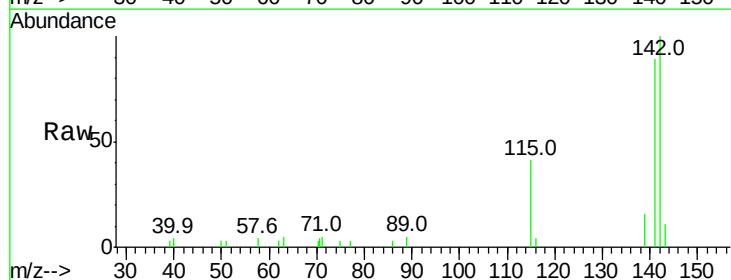
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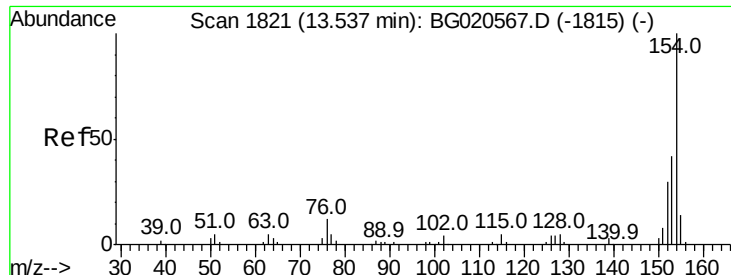
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#34
2-Methylnaphthalene
Concen: 4.75 ng/ul
RT: 12.54 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BG020578.D
Acq: 29 Dec 2015 00:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.9	112.3





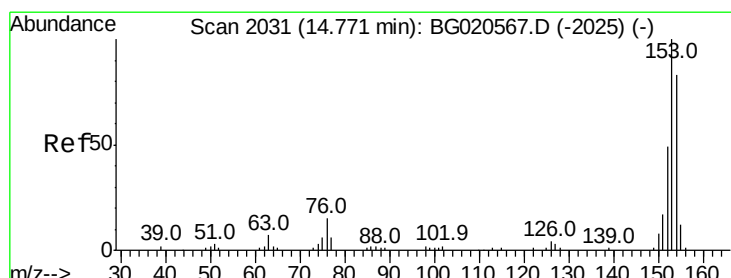
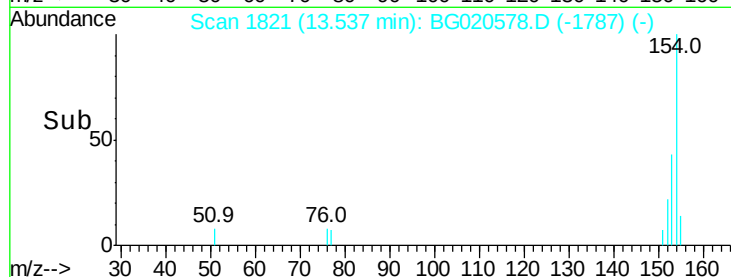
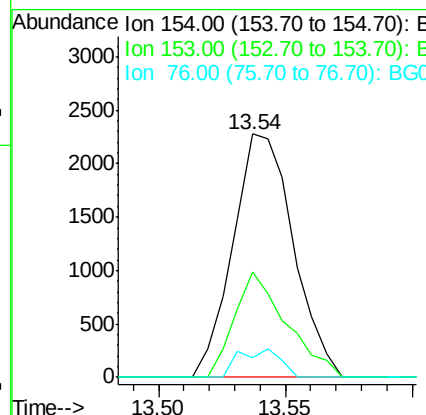
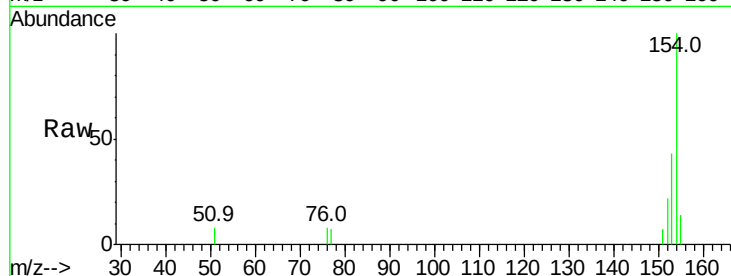
#41
 1,1'-Biphenyl
 Concen: 1.21 ng/ul
 RT: 13.54 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG020578.D
 Acq: 29 Dec 2015 00:25

Instrument :
 BNA_G
 ClientSampleId :
 D9N66DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.0	35.5	53.3
76	7.8	10.4	15.6

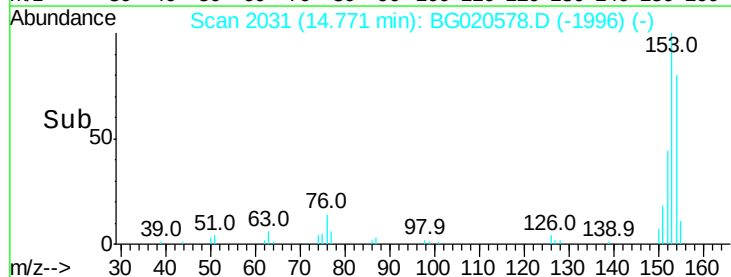
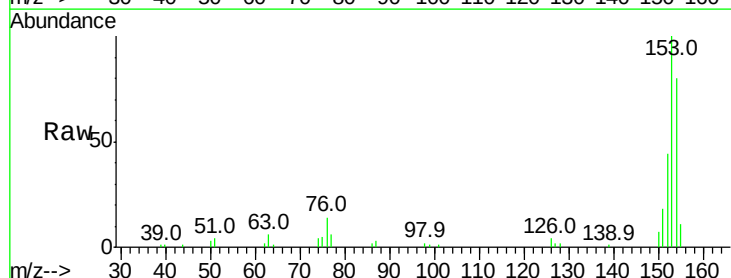
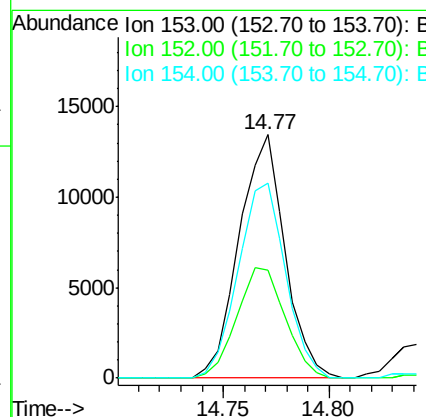
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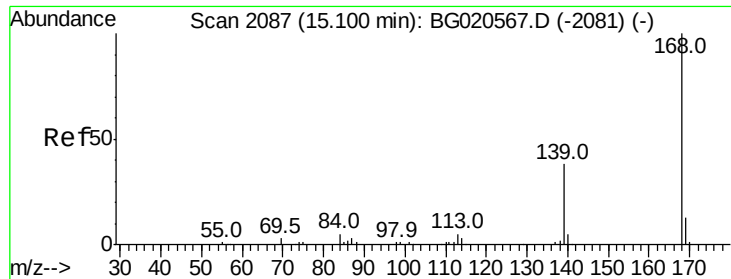
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#50
 Acenaphthene
 Concen: 7.35 ng/ul
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BG020578.D
 Acq: 29 Dec 2015 00:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.5	37.6	56.4
154	79.9	67.9	101.9





#54

Dibenzenofuran

Concen: 3.32 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BG020578.D

Acq: 29 Dec 2015 00:25

Instrument :

BNA_G

ClientSampleId :

D9N66DL

Tot Ion:168 Resp: 13615

Ion Ratio Lower Upper

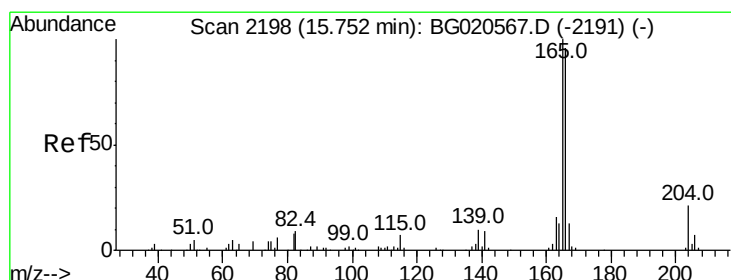
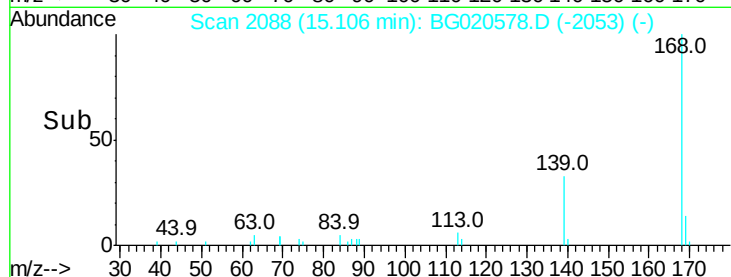
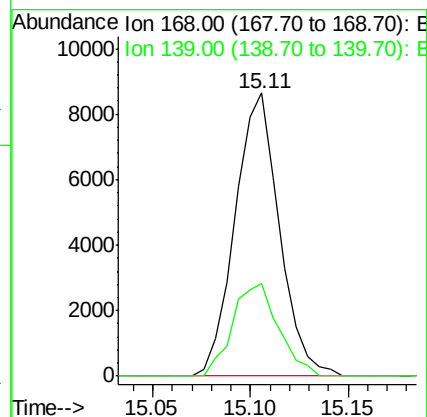
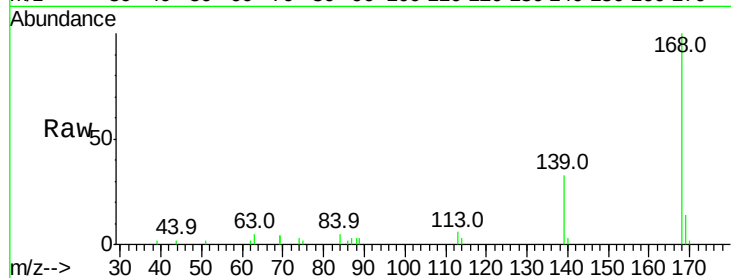
168 100

139 32.8 30.5 45.7

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#59

Fluorene

Concen: 3.79 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG020578.D

Acq: 29 Dec 2015 00:25

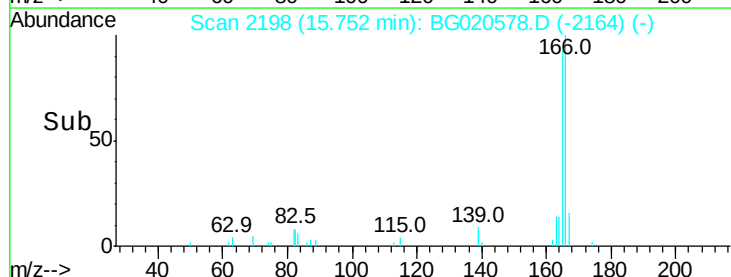
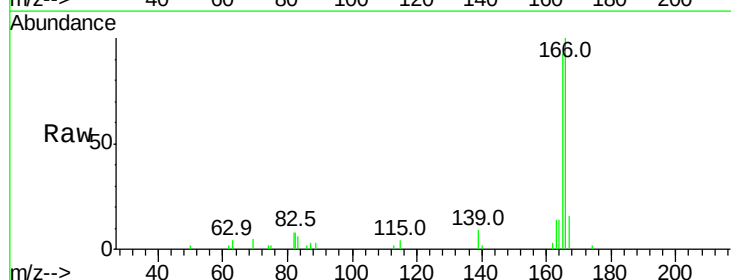
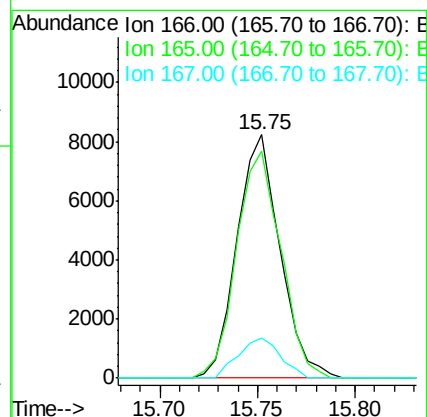
Tgt Ion:166 Resp: 12582

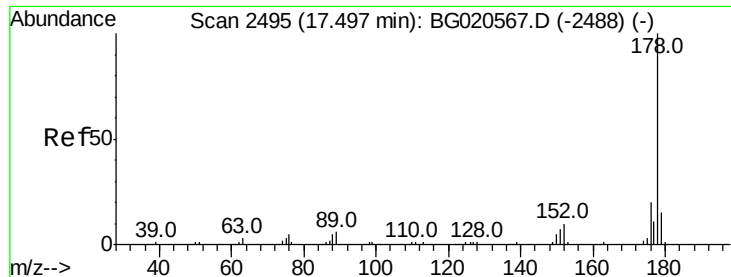
Ion Ratio Lower Upper

166 100

165 93.5 81.4 122.0

167 16.4 11.2 16.8





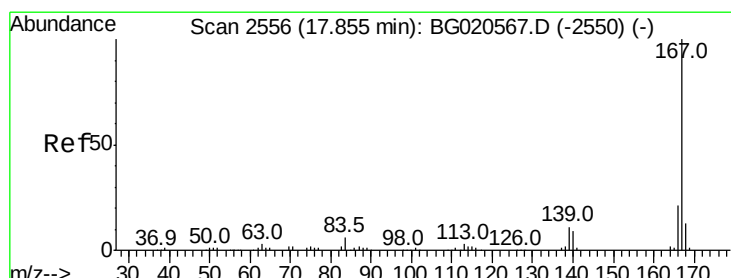
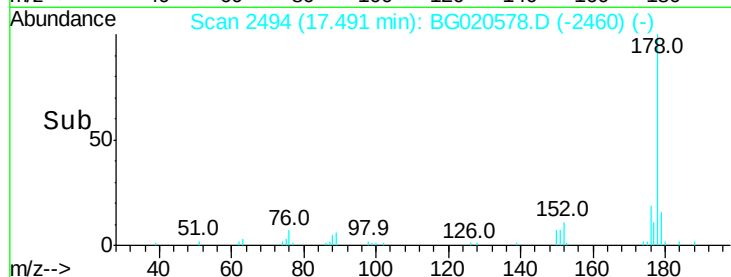
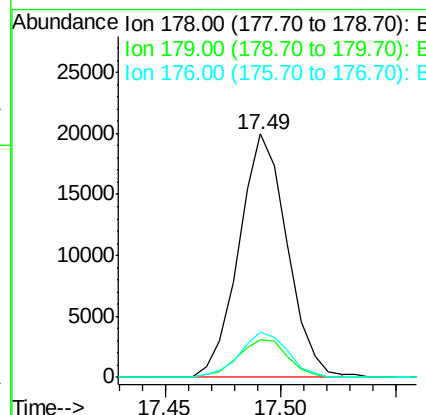
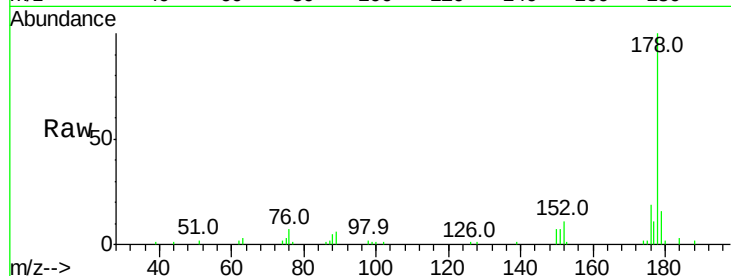
#70
 Phenanthrene
 Concen: 4.22 ng/ul
 RT: 17.49 min Scan# 2494
 Delta R.T. 0.00 min
 Lab File: BG020578.D
 Acq: 29 Dec 2015 00:25

Instrument :
 BNA_G
 ClientSampleId :
 D9N66DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	18.6	15.3	22.9

Manual Integrations
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#75
 Carbazole
 Concen: 1.95 ng/ul
 RT: 17.86 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BG020578.D
 Acq: 29 Dec 2015 00:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.9	17.0	25.6
139	11.4	10.1	15.1

