

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122815\
 Data File : BG020580.D
 Acq On : 29 Dec 2015 1:43
 Operator : UM/SJ
 Sample : G4847-06DL 100X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N70DL

Manual Integrations
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Quant Time: Dec 29 06:09:02 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	12183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	54592	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	43016	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	131530	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	169928	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	159477	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	1705	0.48	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	1848	0.45	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	1853	0.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.54	188	3712m	0.60	ng/ul	0.00
79) Pyrene-d10	19.83	212	3533	0.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	3603	0.45	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.93	128	195683	67.43	ng/ul	98
34) 2-Methylnaphthalene	12.54	142	16896	7.87	ng/ul	91
41) 1,1'-Biphenyl	13.54	154	4387m	1.32	ng/ul	
50) Acenaphthene	14.77	153	22903	7.85	ng/ul	99
54) Dibenzofuran	15.10	168	18731	4.31	ng/ul	95
59) Fluorene	15.75	166	14001	3.98	ng/ul	99
70) Phenanthrene	17.49	178	30435	4.16	ng/ul	99
75) Carbazole	17.86	167	34641	5.49	ng/ul	97

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

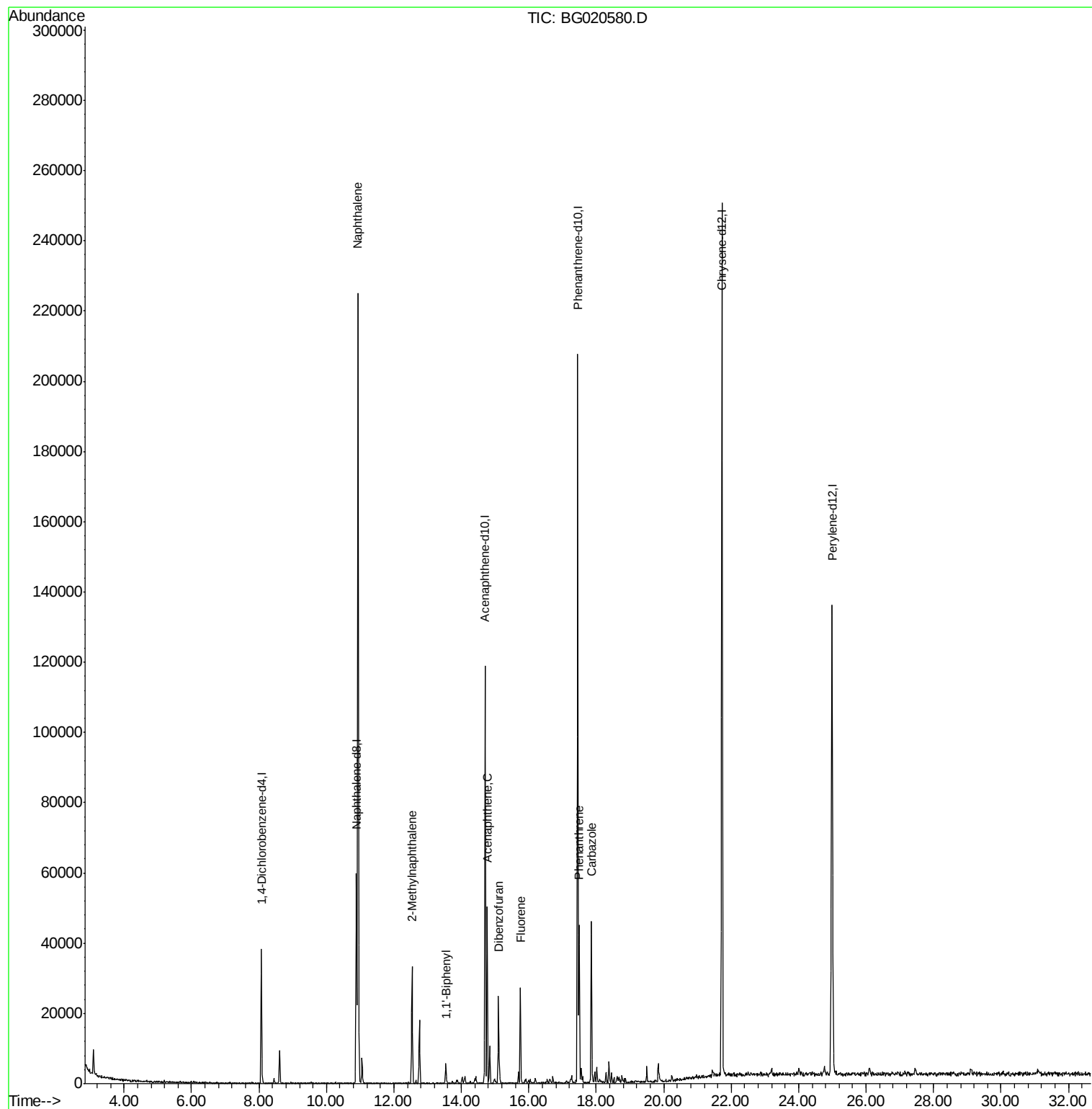
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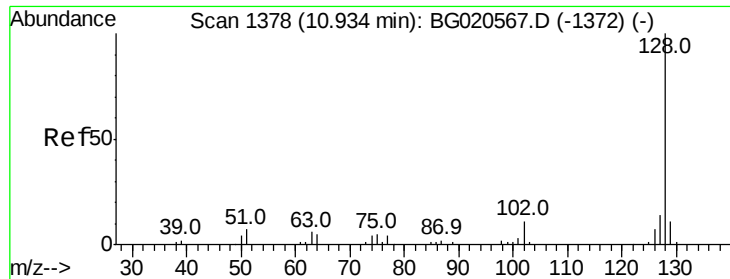
Instrument :
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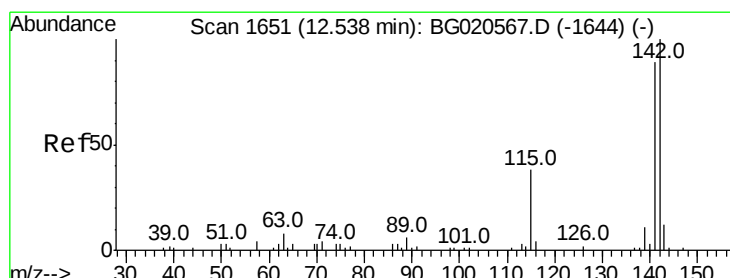
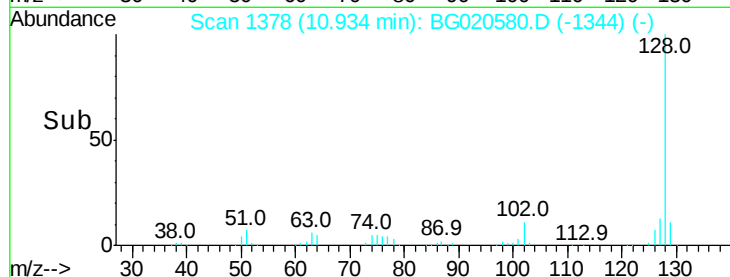
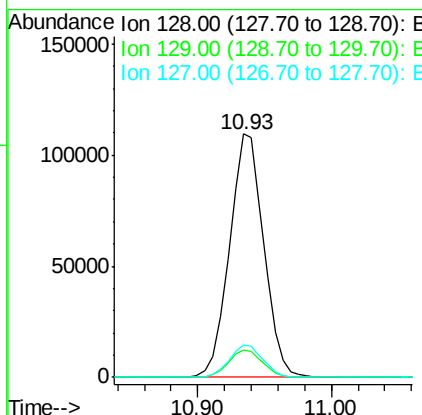
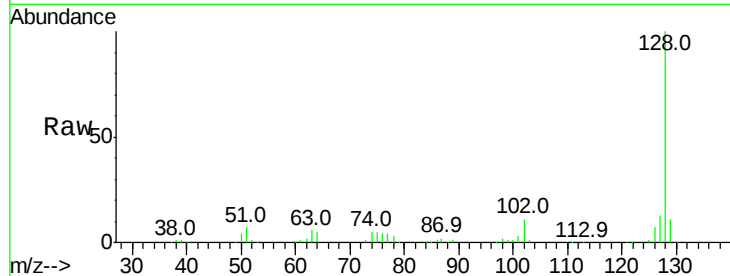
#28
Naphthalene
Concen: 67.43 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020580.D
Acq: 29 Dec 2015 1:43

Instrument :
BNA_G
ClientSampleId :
D9N70DL

Tot Ion	Ratio	Resp	Lower	Upper
128	100	195683		
129	11.0	8.6	12.8	
127	13.5	10.1	15.1	

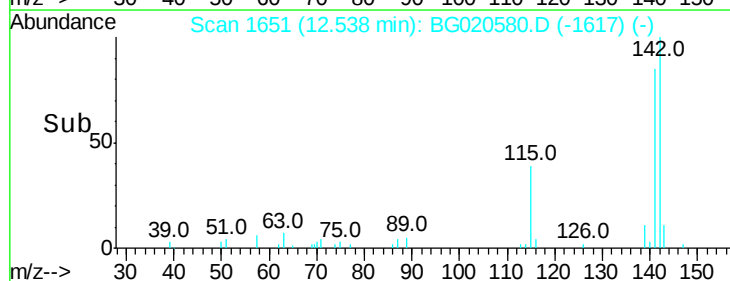
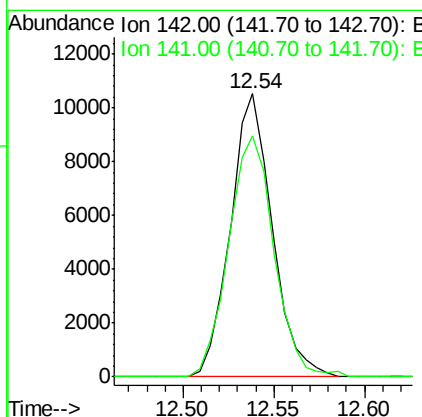
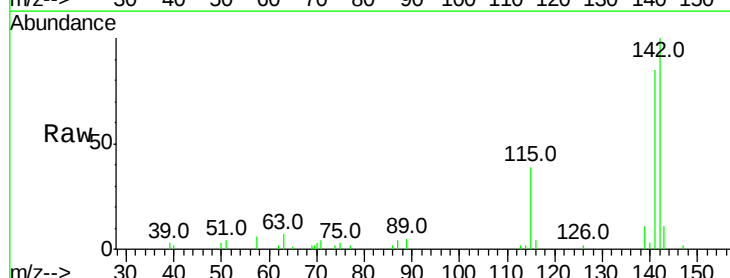
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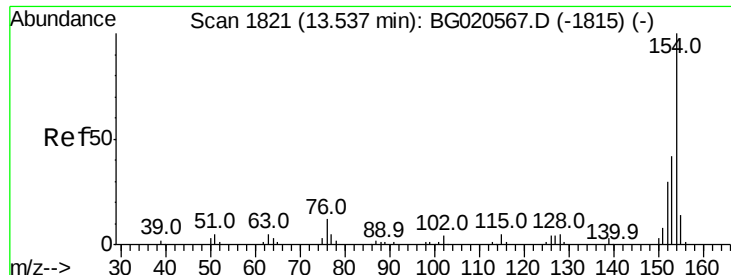
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#34
2-Methylnaphthalene
Concen: 7.87 ng/ul
RT: 12.54 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BG020580.D
Acq: 29 Dec 2015 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	16896		
141	85.0	74.9	112.3	





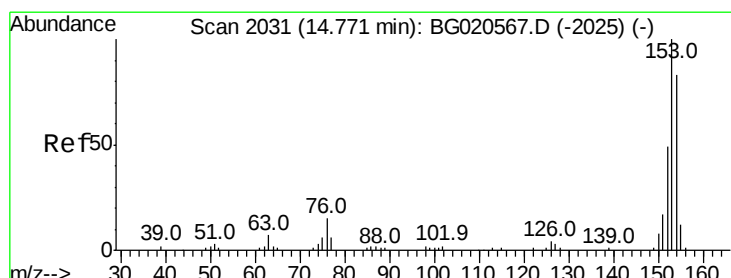
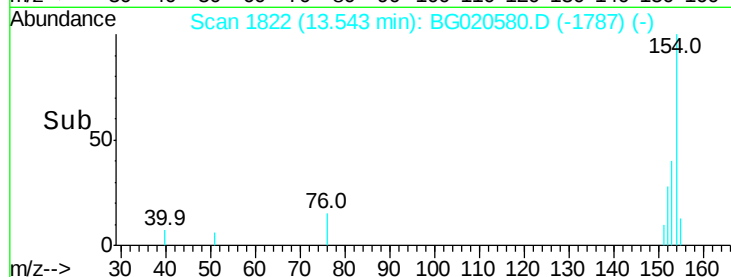
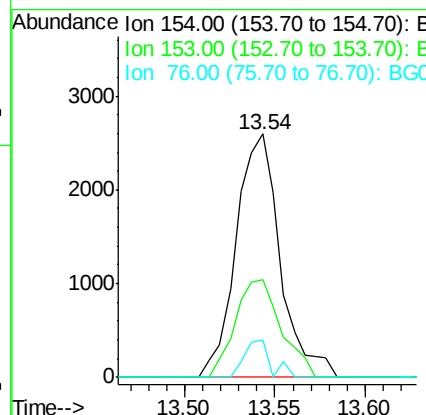
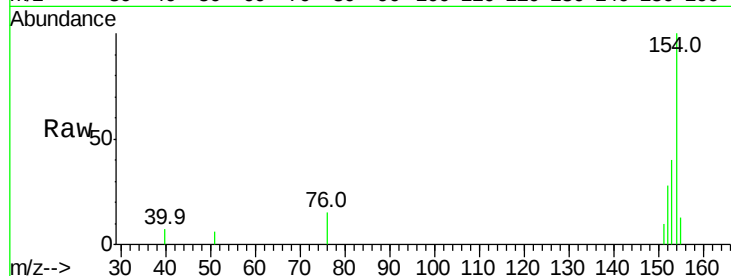
#41
 1,1'-Biphenyl
 Concen: 1.32 ng/ul m
 RT: 13.54 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BG020580.D
 Acq: 29 Dec 2015 1:43

Instrument :
 BNA_G
 ClientSampleId :
 D9N70DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	35.5	53.3
76	15.2	10.4	15.6

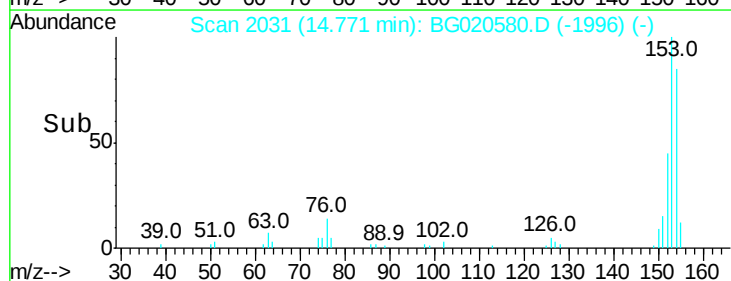
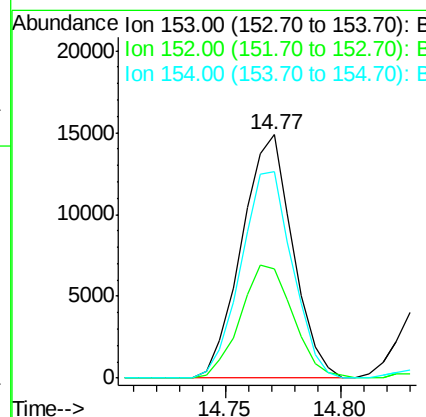
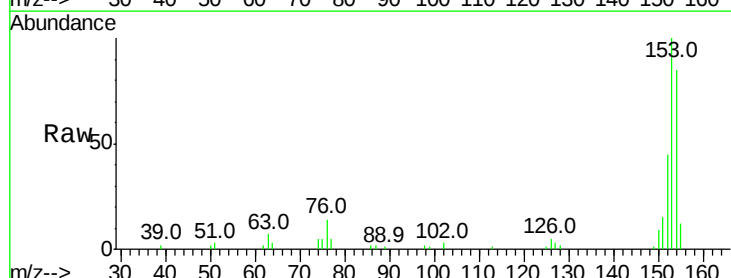
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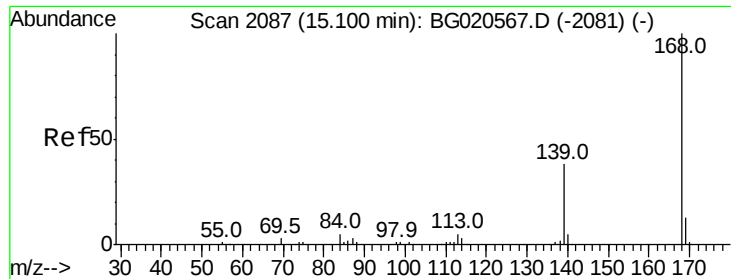
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#50
 Acenaphthene
 Concen: 7.85 ng/ul
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BG020580.D
 Acq: 29 Dec 2015 1:43

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.1	37.6	56.4
154	85.0	67.9	101.9





#54

Dibenzenofuran

Concen: 4.31 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG020580.D

Acq: 29 Dec 2015 1:43

Instrument :

BNA_G

ClientSampleId :

D9N70DL

Tot Ion:168 Resp: 18731

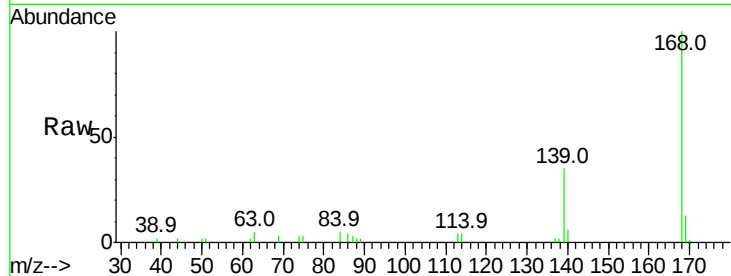
Ion Ratio Lower Upper

168 100

139 35.3 30.5 45.7

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.10

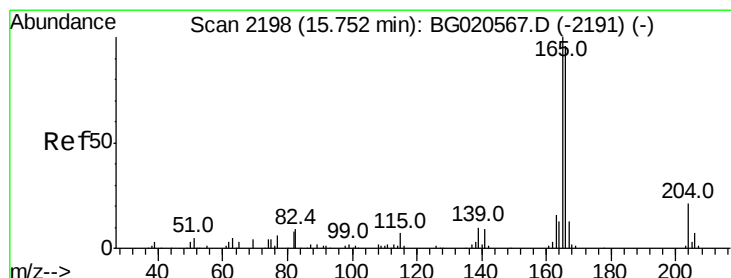
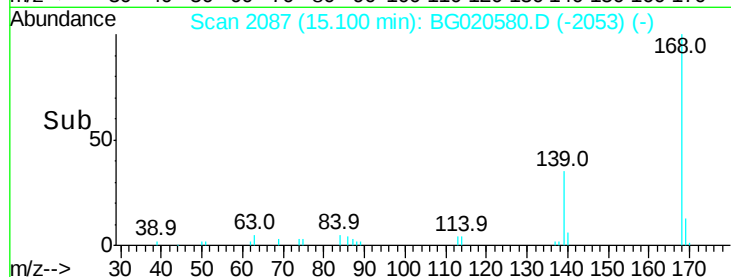
10000

5000

0

Time-->

15.05 15.10 15.15



#59

Fluorene

Concen: 3.98 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG020580.D

Acq: 29 Dec 2015 1:43

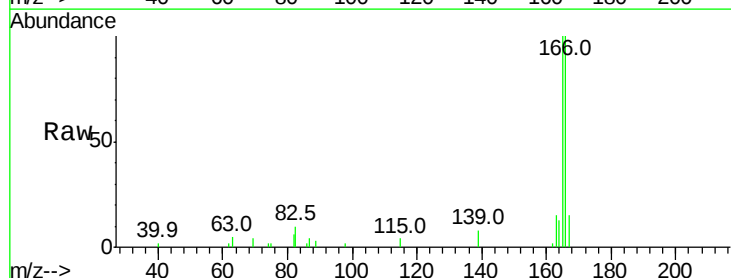
Tgt Ion:166 Resp: 14001

Ion Ratio Lower Upper

166 100

165 100.2 81.4 122.0

167 14.6 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.75

12000

10000

8000

6000

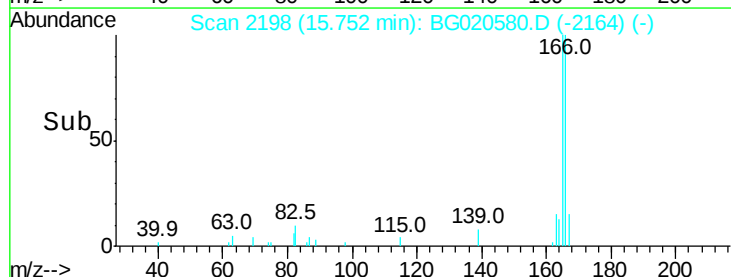
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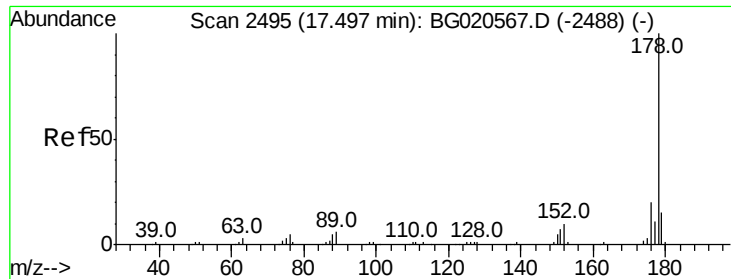
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0

Time-->

15.70 15.75 15.80





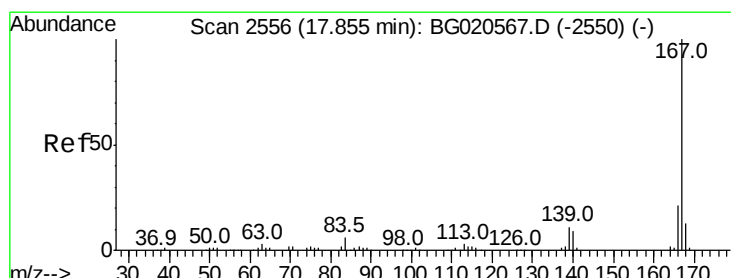
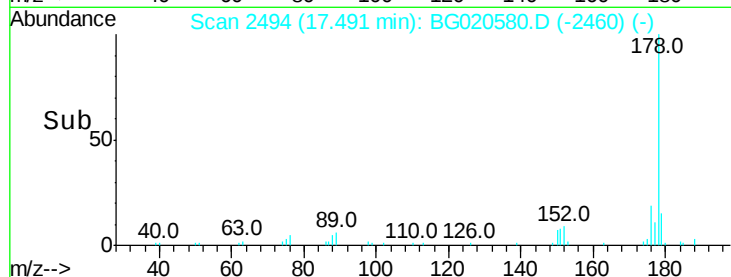
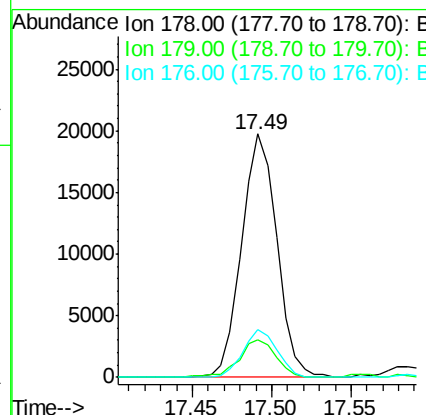
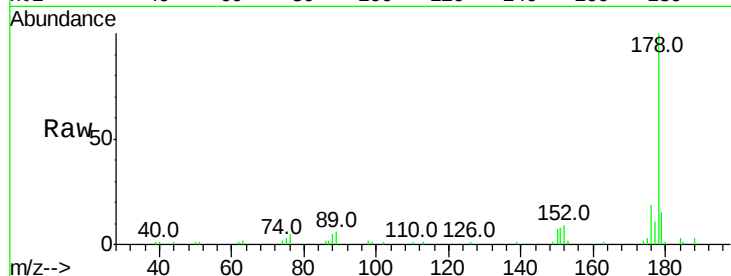
#70
Phenanthrene
Concen: 4.16 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG020580.D
Acq: 29 Dec 2015 1:43

Instrument :
BNA_G
ClientSampleId :
D9N70DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	19.5	15.3	22.9

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#75
Carbazole
Concen: 5.49 ng/ul
RT: 17.86 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BG020580.D
Acq: 29 Dec 2015 1:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.1	17.0	25.6
139	11.4	10.1	15.1

