

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122815\
 Data File : BG020572.D
 Acq On : 28 Dec 2015 19:52
 Operator : UM/SJ
 Sample : G4846-15DL 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N61DL

Manual Integrations
 APPROVED

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 12/29/2015 4:54:56 PM

Quant Time: Dec 29 04:44:40 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 29 02:56:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	11662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	52381	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	42316	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	126984	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	166827	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	159287	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	0.00	99	0d	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	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	2564	0.74	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	2955	0.73	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	2466	0.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	5558m	0.93	ng/ul	0.00
79) Pyrene-d10	19.83	212	5375	0.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	5736	0.71	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.94	128	166793	59.90	ng/ul	99
34) 2-Methylnaphthalene	12.54	142	16935	8.22	ng/ul	97
41) 1,1'-Biphenyl	13.54	154	5096	1.56	ng/ul#	94
50) Acenaphthene	14.77	153	27423	9.55	ng/ul	99
54) Dibenzofuran	15.10	168	22265	5.21	ng/ul	95
59) Fluorene	15.75	166	16722	4.83	ng/ul	95
70) Phenanthrene	17.49	178	42791	6.06	ng/ul	96
75) Carbazole	17.85	167	25290	4.15	ng/ul	99

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

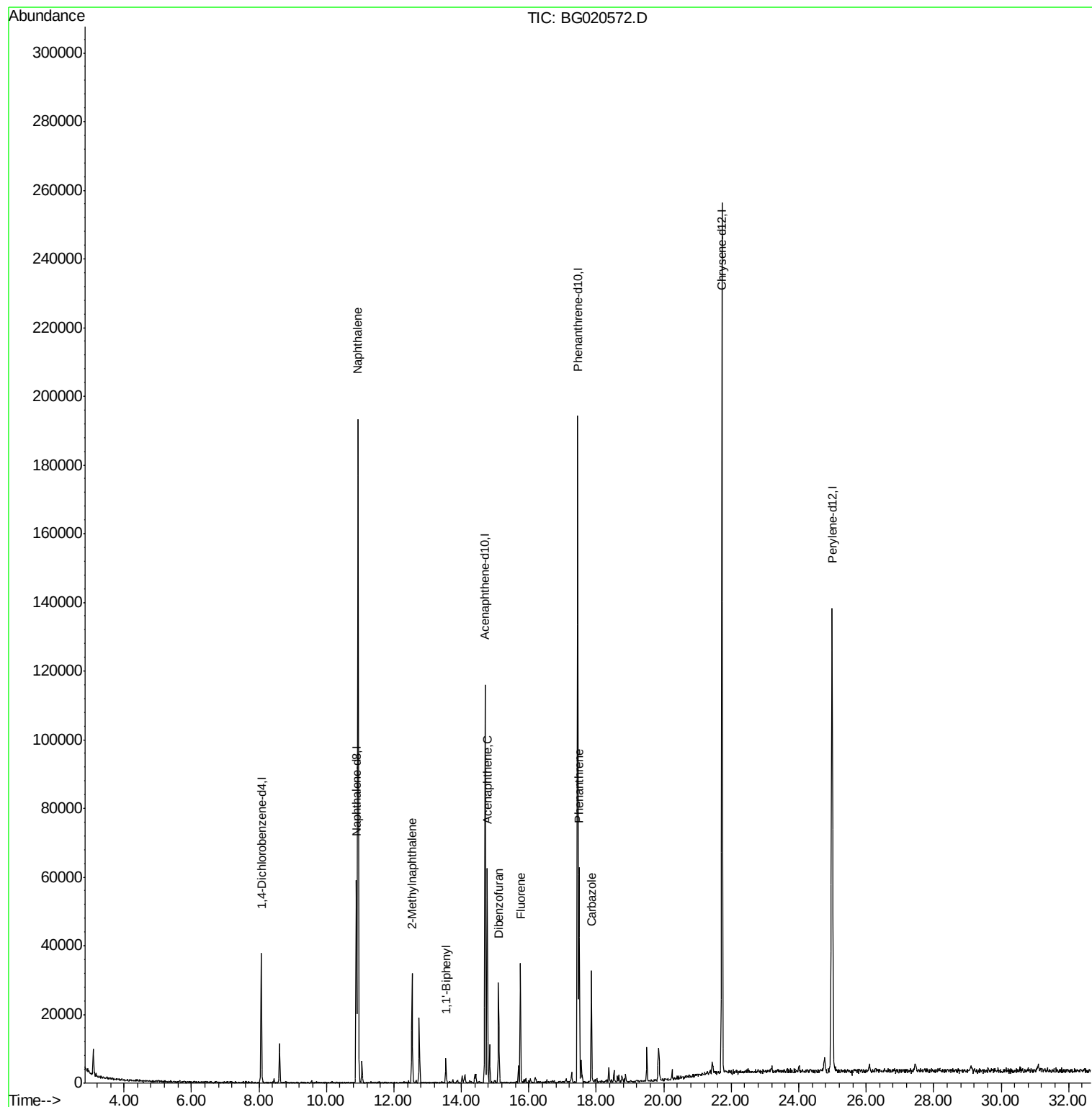
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ALS Vial : 8 Sample Multiplier: 1

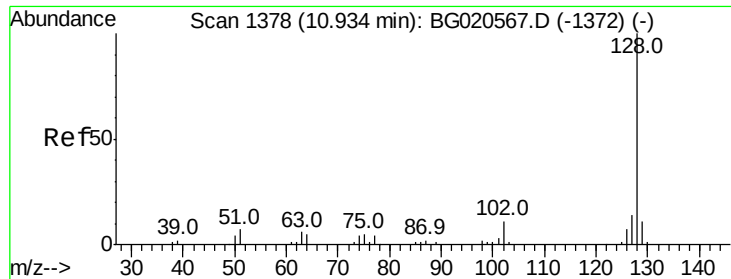
Instrument :
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ClientSampleId :
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Quant Time: Dec 29 04:44:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 29 02:56:07 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 59.90 ng/ul

RT: 10.94 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BG020572.D

Acq: 28 Dec 2015 19:52

Instrument :

BNA_G

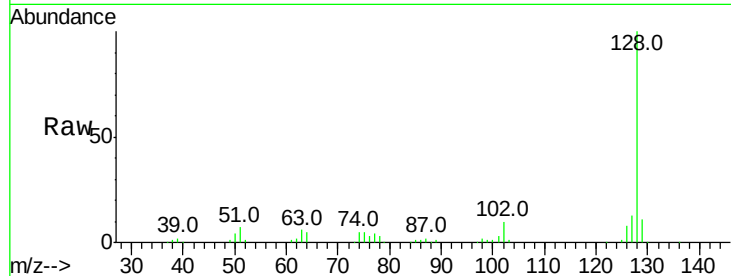
ClientSampleId :

D9N61DL

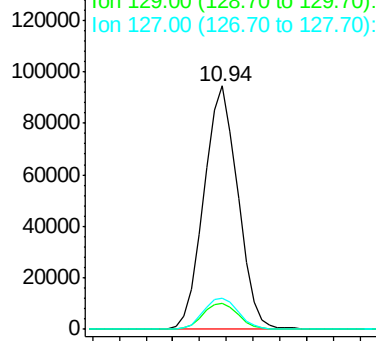
Tot Ion:	128	Resp:	166793
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	12.9	10.1	15.1

Manual Integrations
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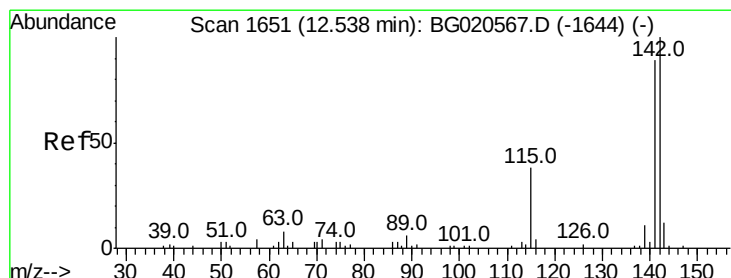
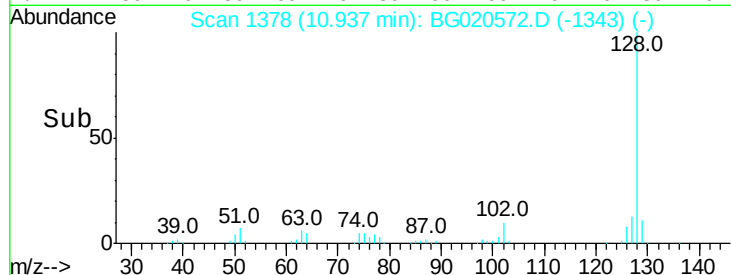
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#34

2-Methylnaphthalene

Concen: 8.22 ng/ul

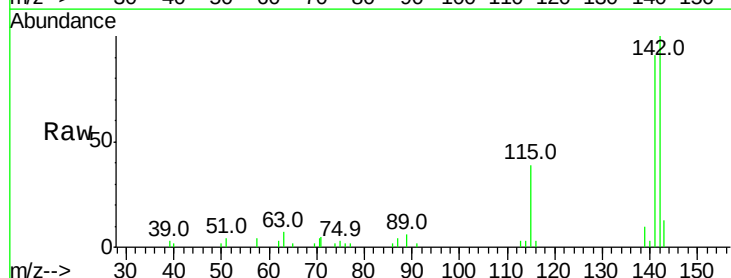
RT: 12.54 min Scan# 1650

Delta R.T. -0.00 min

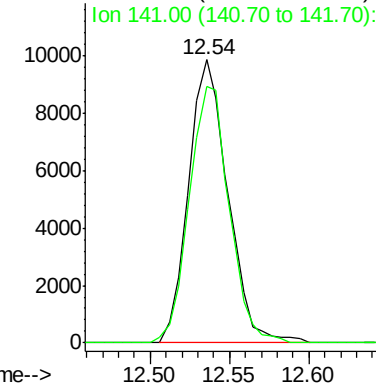
Lab File: BG020572.D

Acq: 28 Dec 2015 19:52

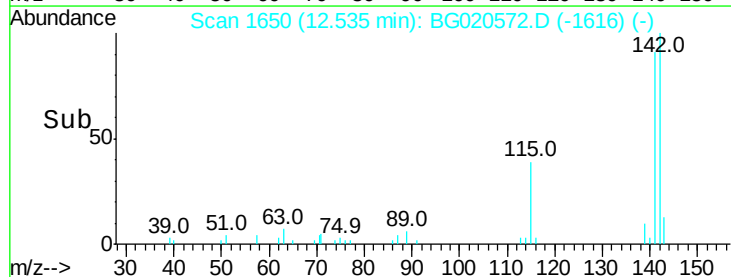
Tgt Ion:	142	Resp:	16935
Ion Ratio	Lower	Upper	
142	100		
141	90.7	74.9	112.3

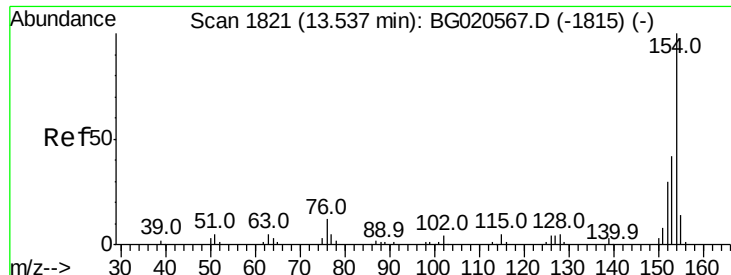


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





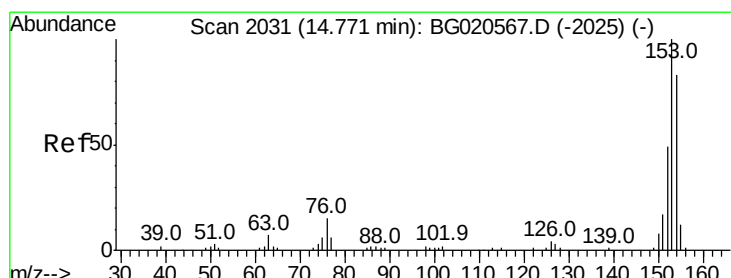
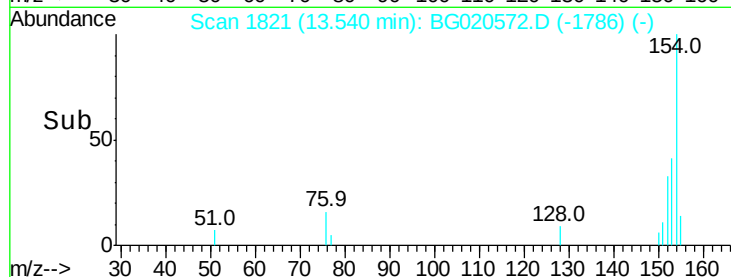
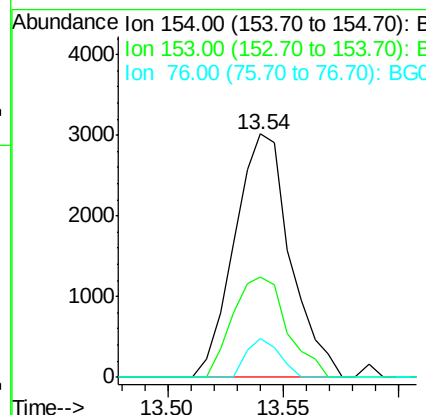
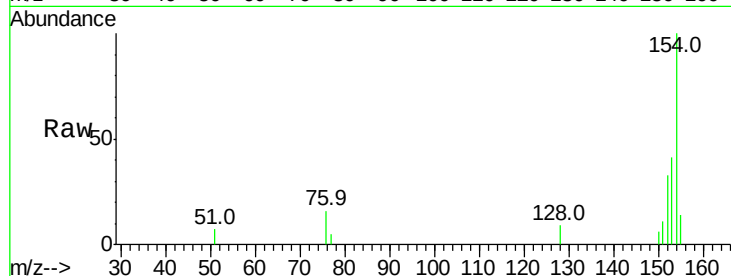
#41
 1,1'-Biphenyl
 Concen: 1.56 ng/ul
 RT: 13.54 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG020572.D
 Acq: 28 Dec 2015 19:52

Instrument :
 BNA_G
 ClientSampleId :
 D9N61DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	35.5	53.3
76	16.1	10.4	15.6

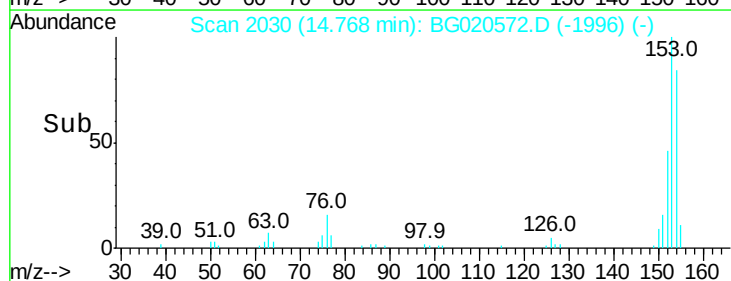
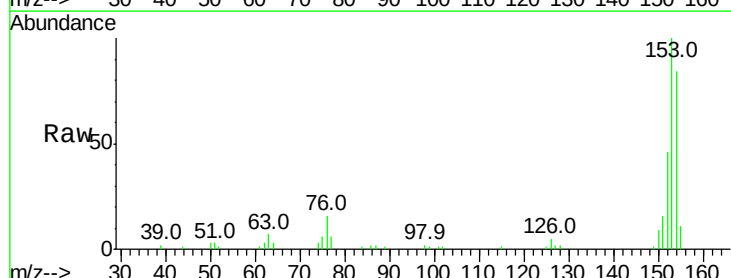
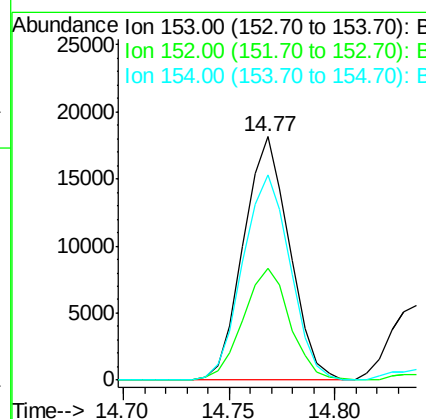
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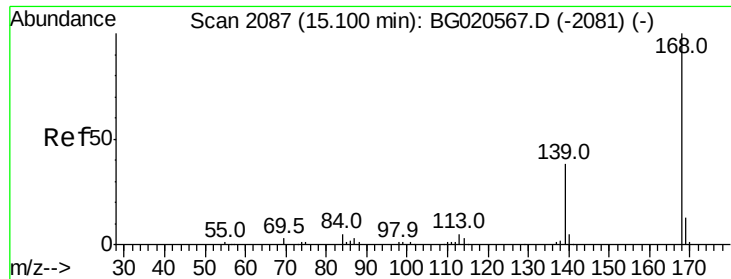
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#50
 Acenaphthene
 Concen: 9.55 ng/ul
 RT: 14.77 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BG020572.D
 Acq: 28 Dec 2015 19:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.6	56.4
154	84.1	67.9	101.9





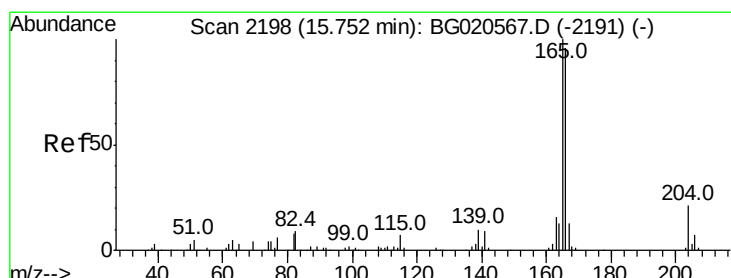
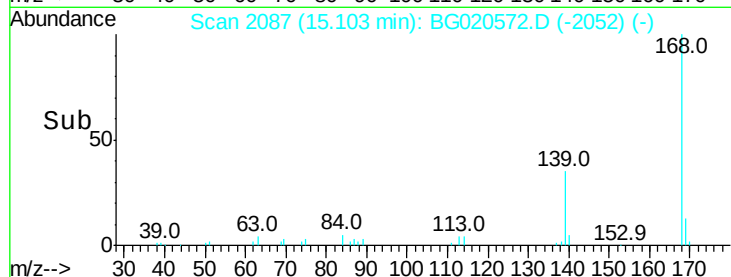
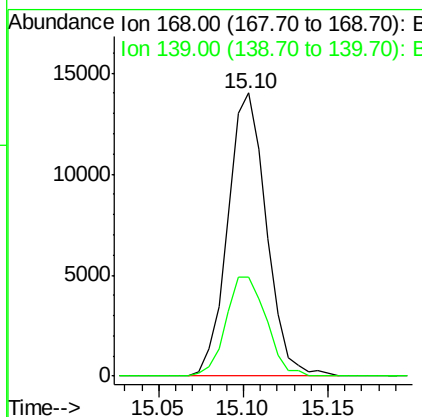
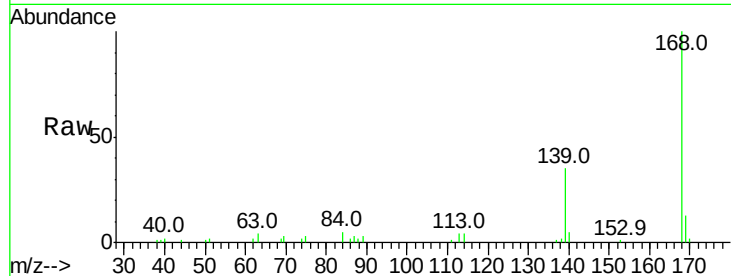
#54
Dibenzenofuran
Concen: 5.21 ng/ul
RT: 15.10 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.9	30.5	45.7

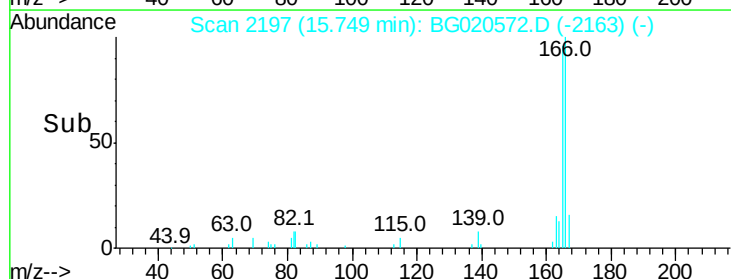
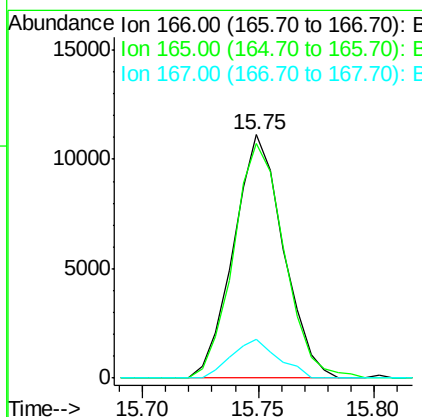
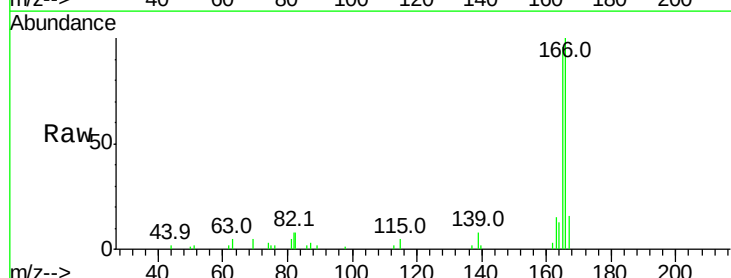
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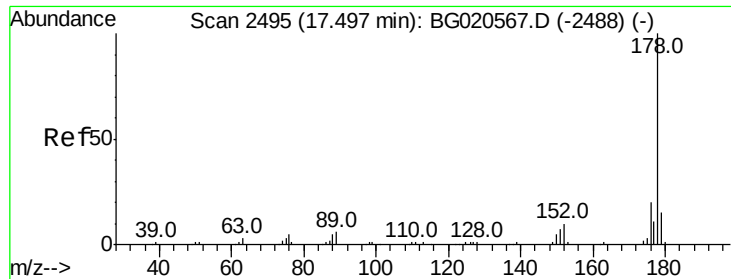
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#59
Fluorene
Concen: 4.83 ng/ul
RT: 15.75 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG020572.D
Acq: 28 Dec 2015 19:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.4	81.4	122.0
167	16.0	11.2	16.8





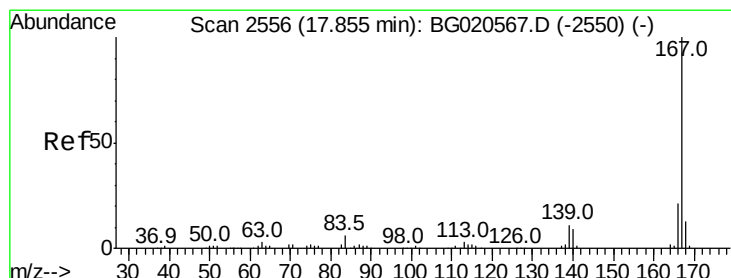
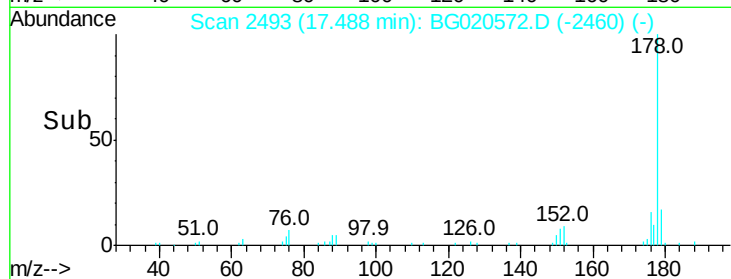
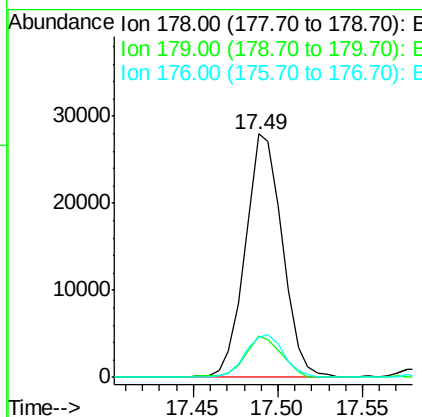
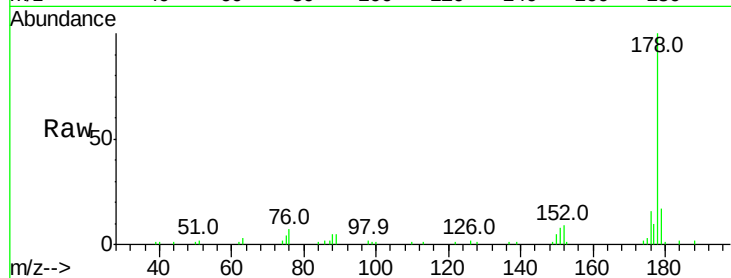
#70
 Phenanthrene
 Concen: 6.06 ng/ul
 RT: 17.49 min Scan# 2493
 Delta R.T. -0.01 min
 Lab File: BG020572.D
 Acq: 28 Dec 2015 19:52

Instrument :
 BNA_G
 ClientSampleId :
 D9N61DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.9	19.3
176	16.4	15.3	22.9

Manual Integrations
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#75
 Carbazole
 Concen: 4.15 ng/ul
 RT: 17.85 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: BG020572.D
 Acq: 28 Dec 2015 19:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	13.8	10.1	15.1

