

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122815\
 Data File : BG020576.D
 Acq On : 28 Dec 2015 23:07
 Operator : UM/SJ
 Sample : G4846-18DL 25X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N64DL

Manual Integrations
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Quant Time: Dec 29 05:50:49 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	13202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	56202	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	44675	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	131226	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	169103	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	162131	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	7.40	67	580	0.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	646m	0.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	141	0.16	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	191	0.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	419m	0.84	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.52	165	806	0.83	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	5281	1.43	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	5771	1.35	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	5303	1.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	10418	1.69	ng/ul	0.00
79) Pyrene-d10	19.83	212	11809	1.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	11554	1.41	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.94	128	82405	27.58	ng/ul 99
34) 2-Methylnaphthalene	12.53	142	14693	6.65	ng/ul 98
41) 1,1'-Biphenyl	13.54	154	4975	1.44	ng/ul# 96
50) Acenaphthene	14.77	153	29667	9.79	ng/ul 94
54) Dibenzofuran	15.10	168	24001	5.32	ng/ul 96
59) Fluorene	15.75	166	21703	5.94	ng/ul 94
70) Phenanthrene	17.49	178	67734	9.28	ng/ul 98
75) Carbazole	17.86	167	23074	3.67	ng/ul 98
77) Fluoranthene	19.50	202	15386	1.68	ng/ul# 94

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

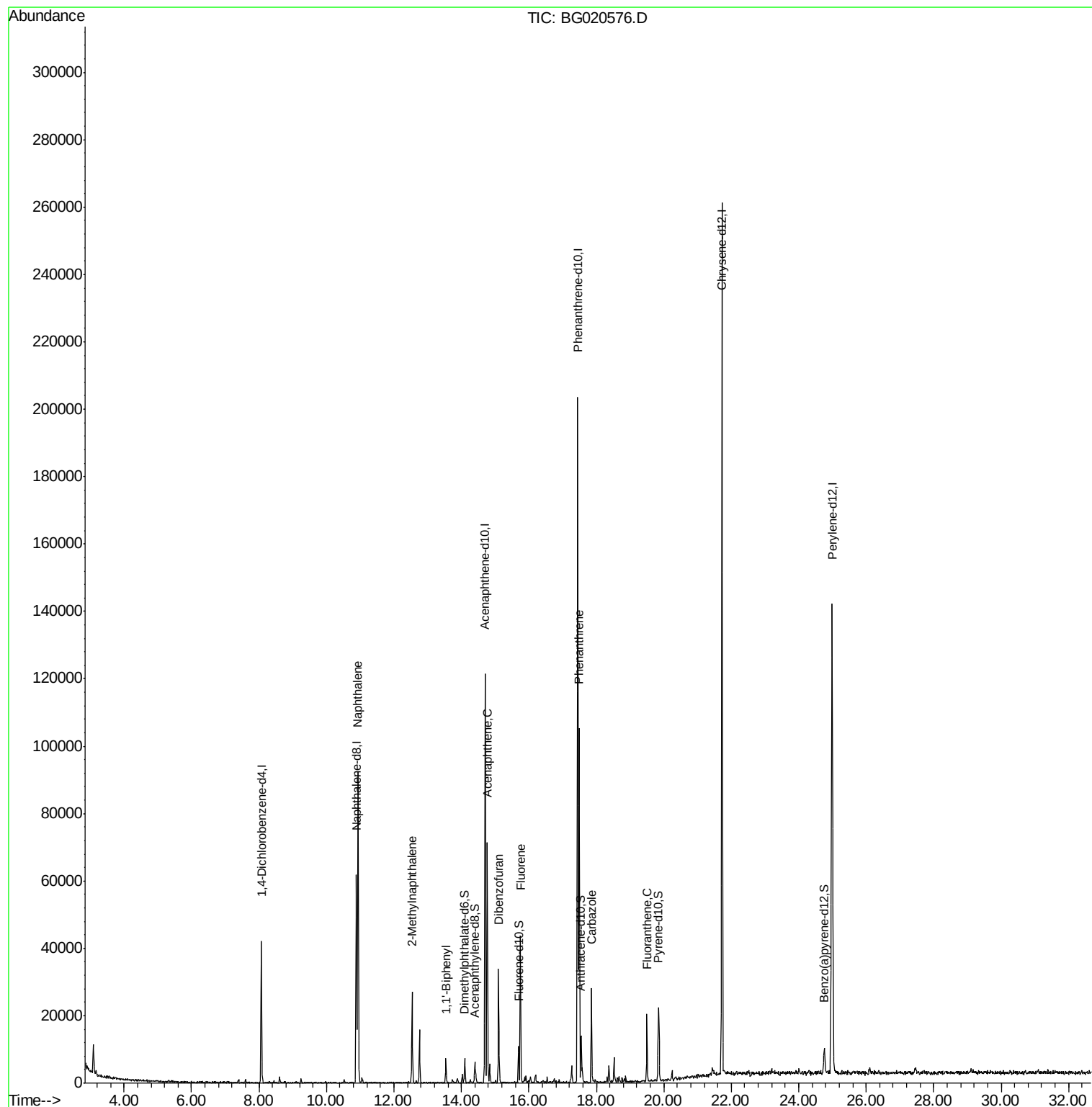
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ALS Vial : 11 Sample Multiplier: 1

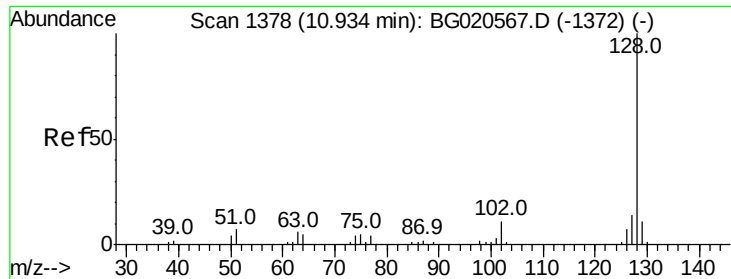
Instrument :
BNA_G
ClientSampleId :
D9N64DL

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Quant Time: Dec 29 05:50:49 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





#28

Naphthalene

Concen: 27.58 ng/ul

RT: 10.94 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BG020576.D

Acq: 28 Dec 2015 23:07

Instrument :

BNA_G

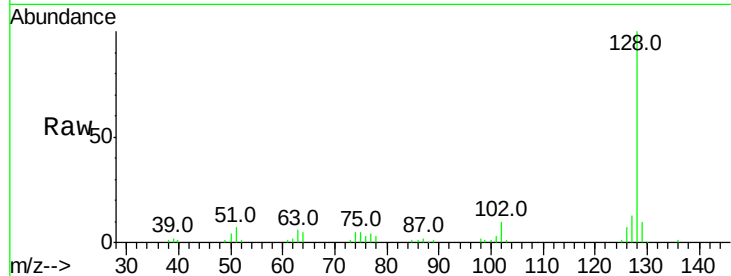
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D9N64DL

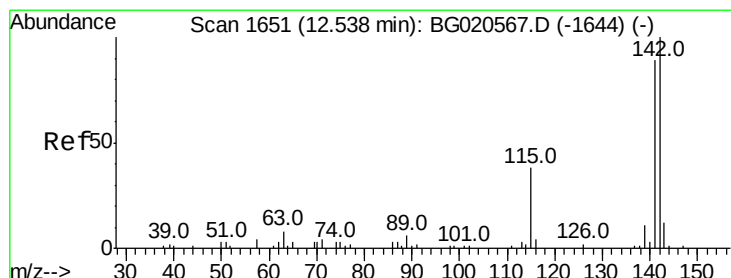
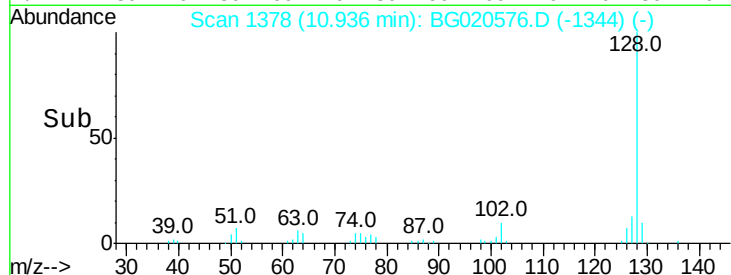
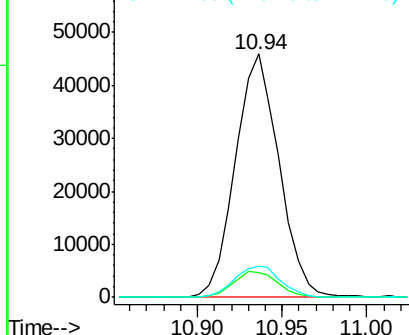
Tot Ion:	128	Resp:	82405
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.6	12.8
127	12.8	10.1	15.1

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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



#34

2-Methylnaphthalene

Concen: 6.65 ng/ul

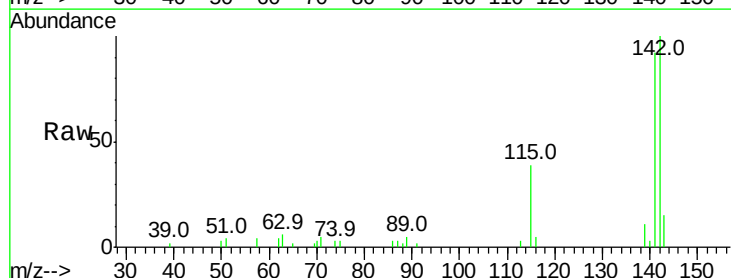
RT: 12.53 min Scan# 1650

Delta R.T. -0.00 min

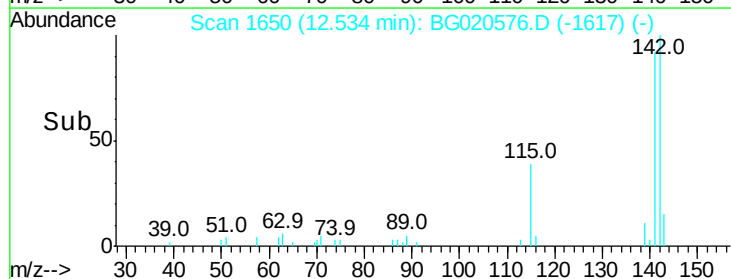
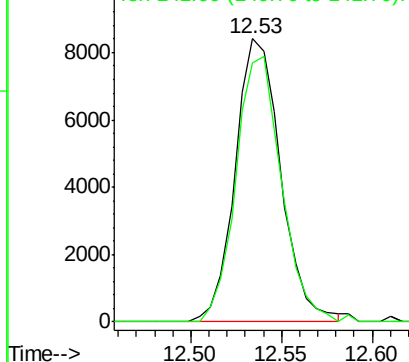
Lab File: BG020576.D

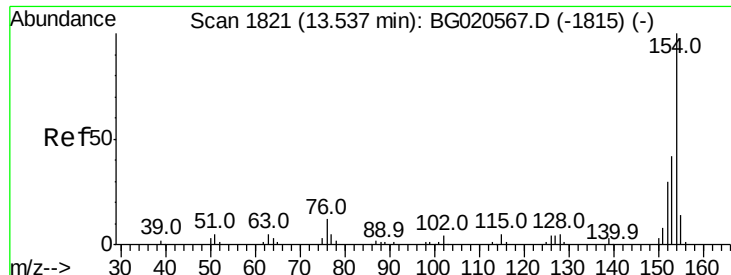
Acq: 28 Dec 2015 23:07

Tgt Ion:	142	Resp:	14693
Ion Ratio	Lower	Upper	
142	100		
141	91.6	74.9	112.3



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





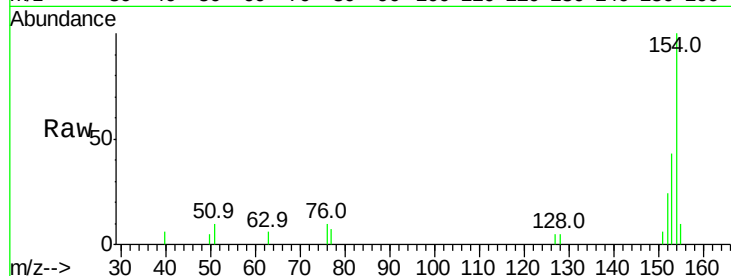
#41
 1,1'-Biphenyl
 Concen: 1.44 ng/ul
 RT: 13.54 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG020576.D
 Acq: 28 Dec 2015 23:07

Instrument :
 BNA_G
 ClientSampleId :
 D9N64DL

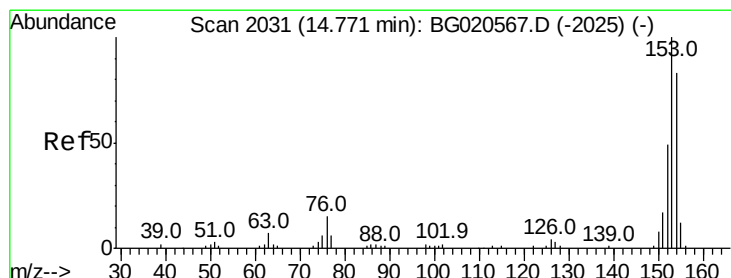
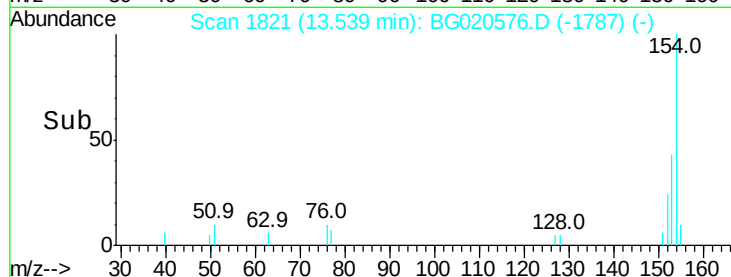
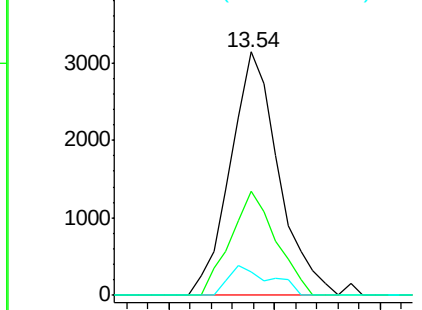
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.5	35.5	53.3
76	9.7	10.4	15.6

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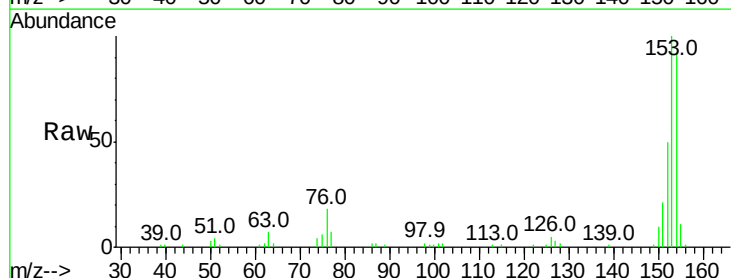


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

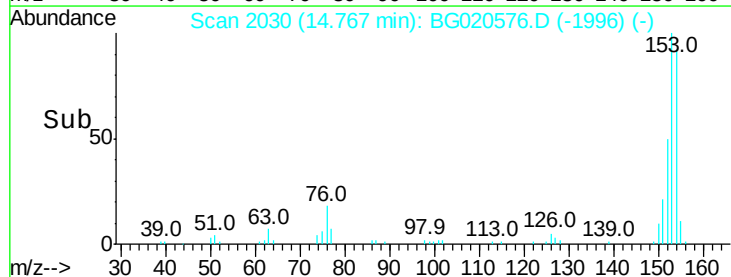
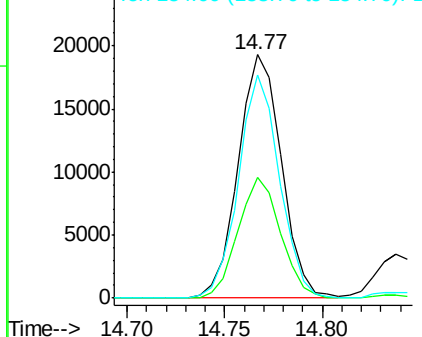


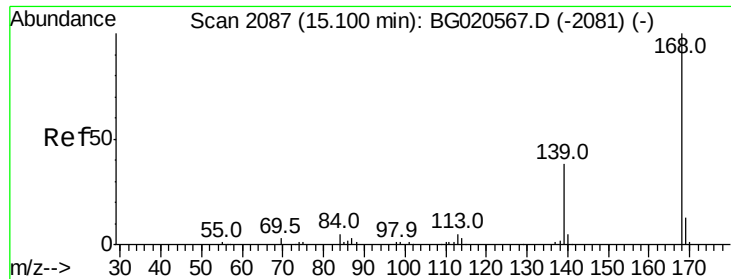
#50
 Acenaphthene
 Concen: 9.79 ng/ul
 RT: 14.77 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG020576.D
 Acq: 28 Dec 2015 23:07

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.8	37.6	56.4
154	91.6	67.9	101.9



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





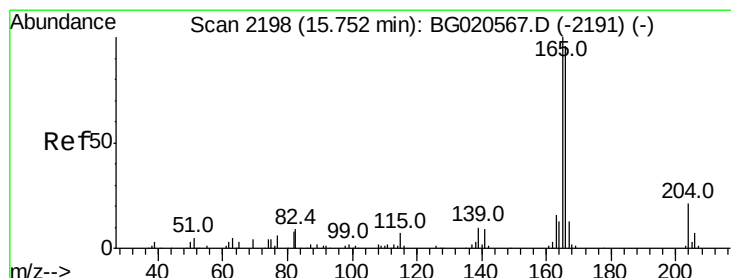
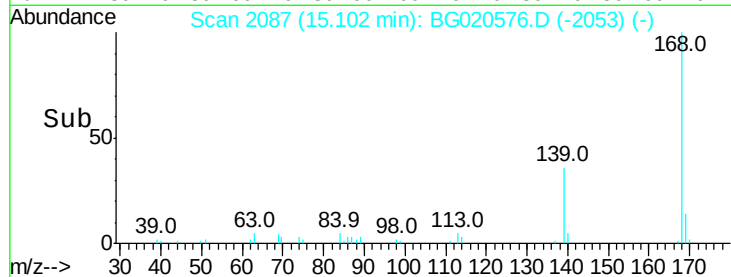
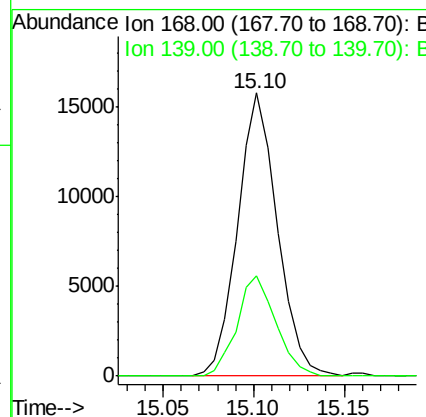
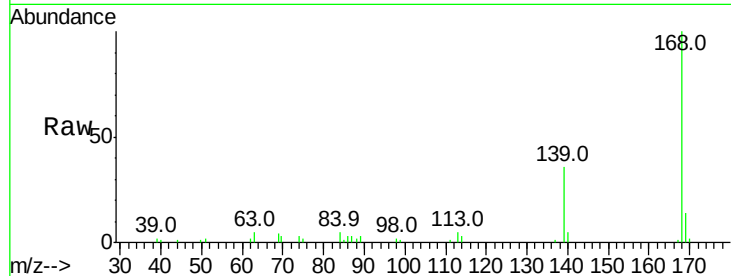
#54
Dibenzenofuran
Concen: 5.32 ng/ul
RT: 15.10 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG020576.D
Acq: 28 Dec 2015 23:07

Instrument :
BNA_G
ClientSampleId :
D9N64DL

Tot Ion	Ratio	Resp	Lower	Upper
168	100	24001		
139	35.7		30.5	45.7

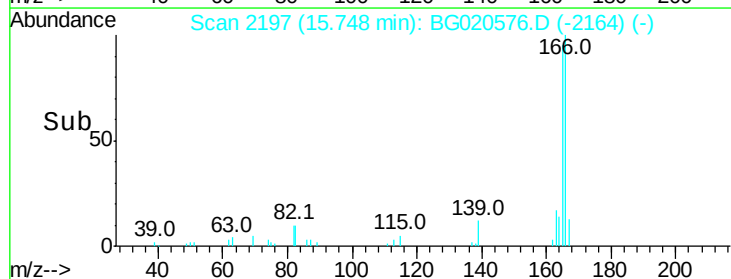
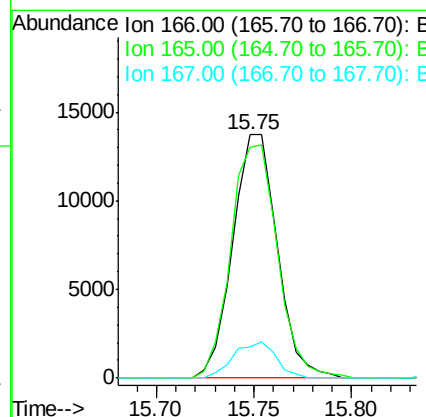
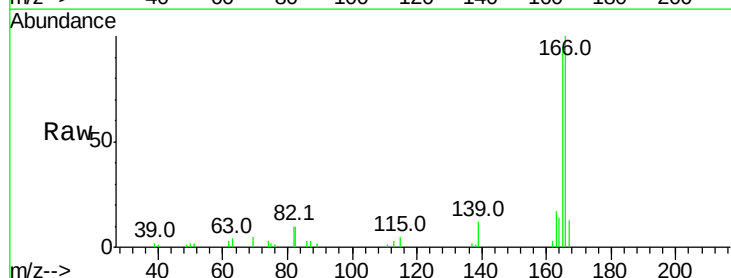
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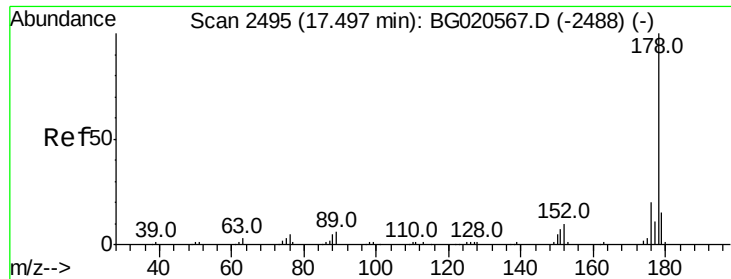
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#59
Fluorene
Concen: 5.94 ng/ul
RT: 15.75 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG020576.D
Acq: 28 Dec 2015 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	21703		
165	94.8		81.4	122.0
167	12.9		11.2	16.8





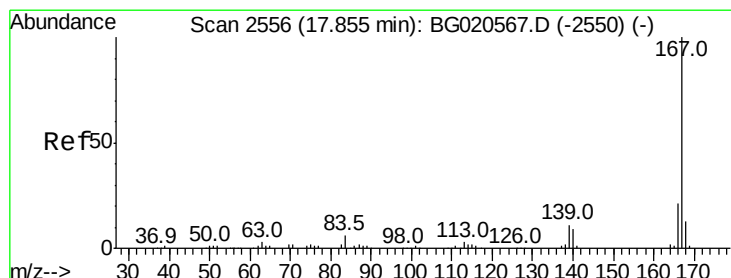
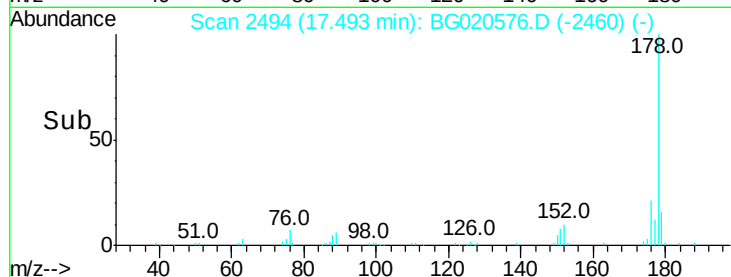
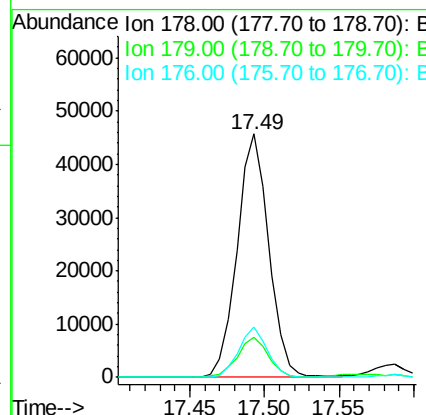
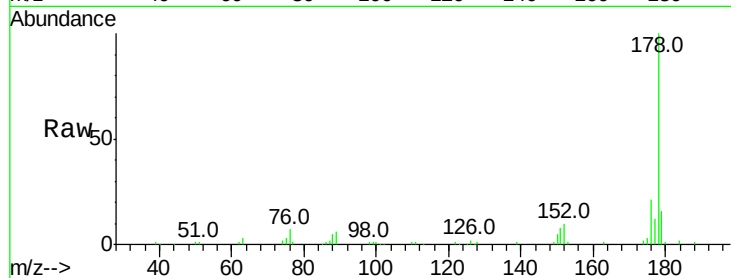
#70
Phenanthrene
Concen: 9.28 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG020576.D
Acq: 28 Dec 2015 23:07

Instrument :
BNA_G
ClientSampleId :
D9N64DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	20.7	15.3	22.9

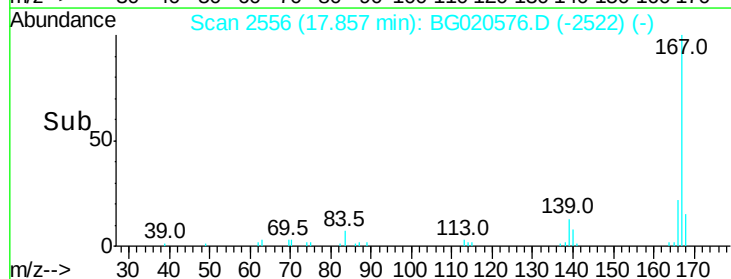
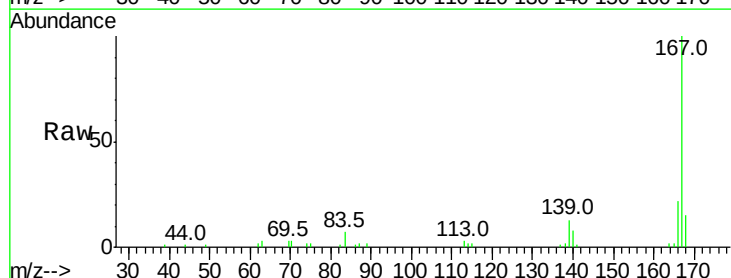
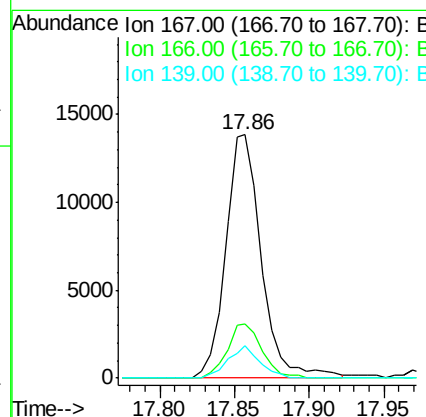
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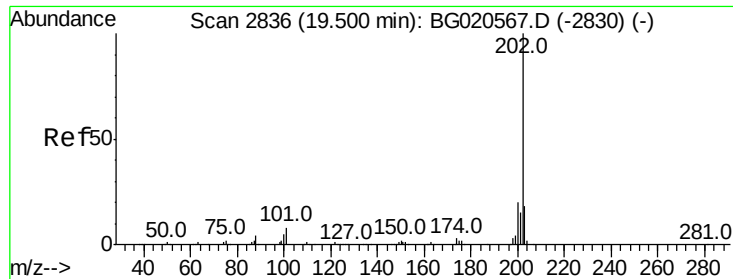
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#75
Carbazole
Concen: 3.67 ng/ul
RT: 17.86 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BG020576.D
Acq: 28 Dec 2015 23:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.0	25.6
139	13.5	10.1	15.1





#77
 Fluoranthene
 Concen: 1.68 ng/ul
 RT: 19.50 min Scan# 2835
 Delta R.T. -0.00 min
 Lab File: BG020576.D
 Acq: 28 Dec 2015 23:07

Instrument :
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Tot Ion:	202	Resp:	15386
Ion Ratio	Lower	Upper	
202	100		
101	6.0	6.2	9.4#
100	4.0	5.1	7.7#

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