

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020435.D
 Acq On : 23 Dec 2015 9:34
 Operator : UM/SJ
 Sample : G4768-11DL 100X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N35DL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:32:42 PM

Quant Time: Dec 23 11:18:38 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 05:02:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	94058	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	67953	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	172660	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	214676	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	204371	20.00	ng/ul	-0.02

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	7.41	99	188	0.10	ng/ul	0.16
7) Bis-(2-Chloroethyl)ether-d	7.40	67	218	0.20	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.63	132	67	0.05	ng/ul	0.00
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	10.53	165	334	0.20	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	2127	0.39	ng/ul	-0.01
47) Acenaphthylene-d8	14.41	160	2582	0.40	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	2694	0.54	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	4741m	0.60	ng/ul	-0.01
79) Pyrene-d10	19.84	212	3997	0.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	4329	0.42	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.95	128	237410	48.33	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	26814	7.15	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	7088	1.38	ng/ul#	93
50) Acenaphthene	14.78	153	32472	7.10	ng/ul	99
54) Dibenzofuran	15.12	168	26736	3.93	ng/ul	95
59) Fluorene	15.76	166	21242	3.89	ng/ul	99
70) Phenanthrene	17.50	178	40454	4.28	ng/ul	97
75) Carbazole	17.87	167	23942	2.97	ng/ul	99

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

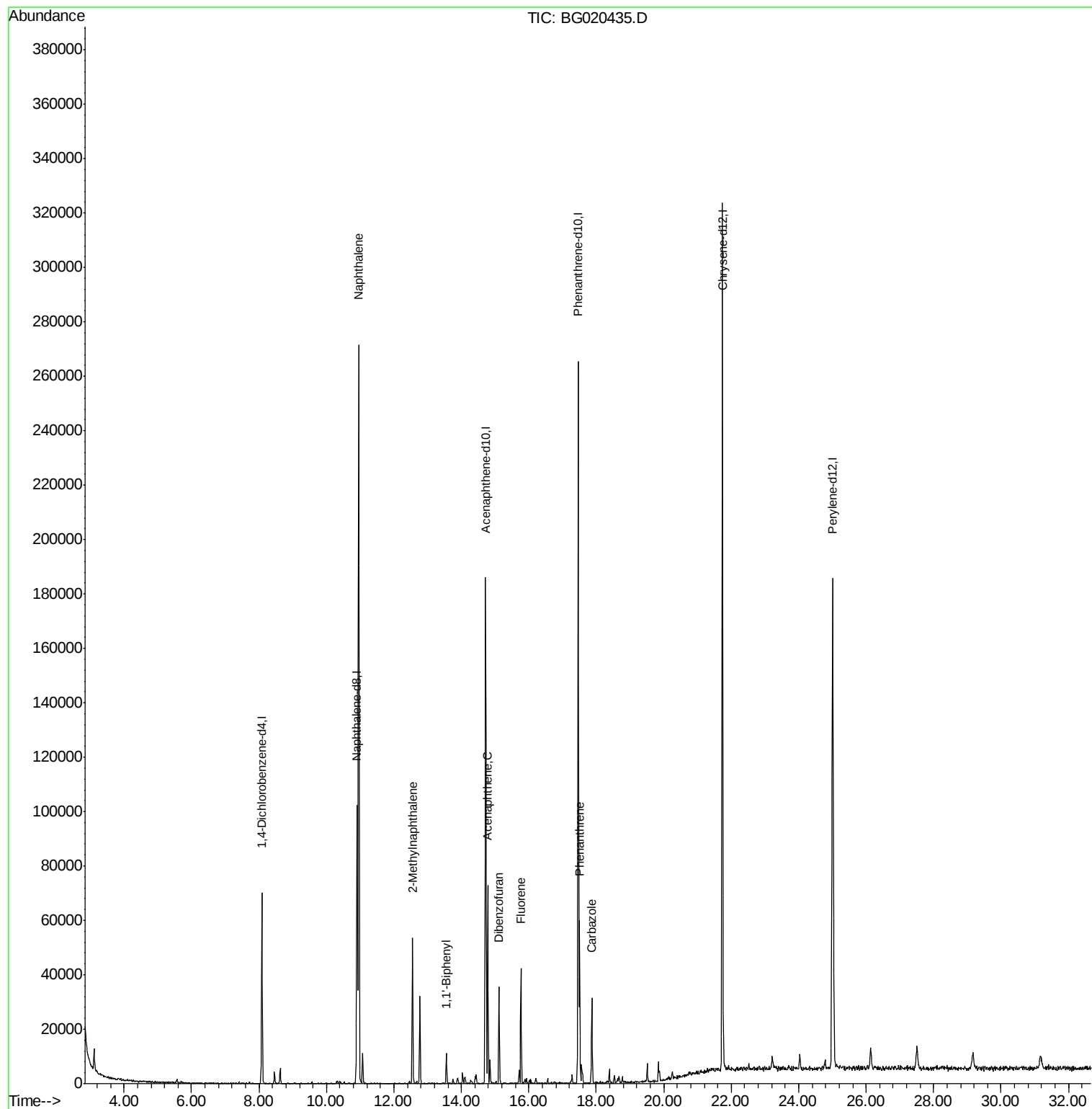
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
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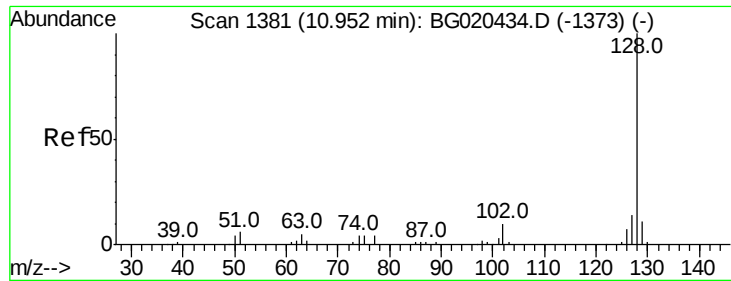
Instrument :
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Quant Time: Dec 23 11:18:38 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 48.33 ng/ul

RT: 10.95 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BG020435.D

Acq: 23 Dec 2015 9:34

Instrument :

BNA_G

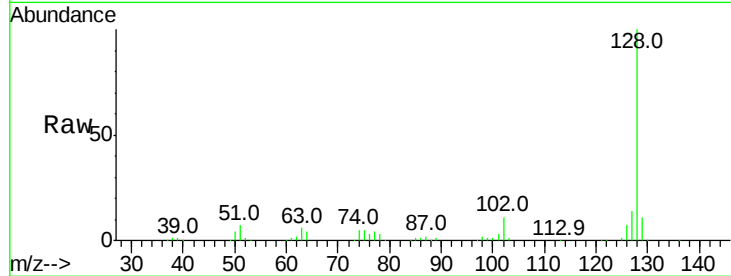
ClientSampleId :

D9N35DL

Tot Ion:	128	Resp:	237410
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	13.7	10.1	15.1

Manual Integrations
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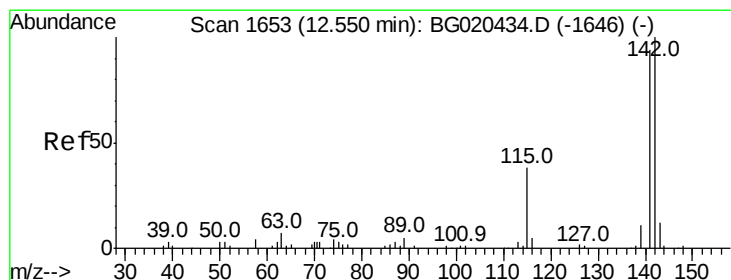
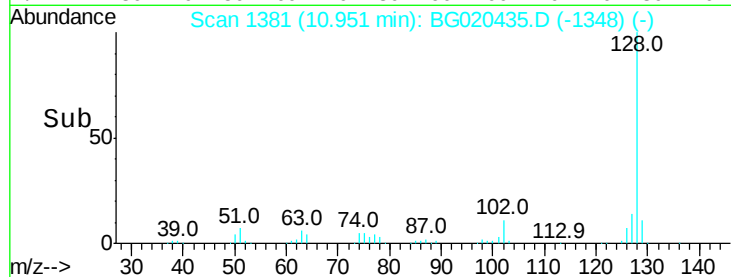
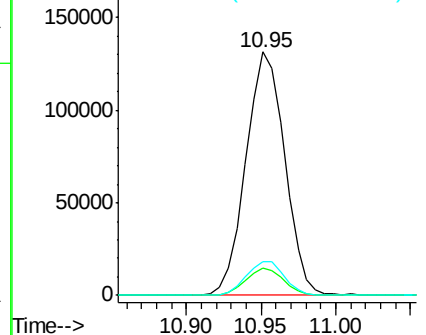
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 7.15 ng/ul

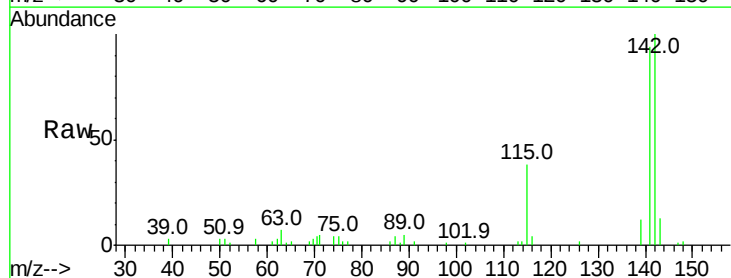
RT: 12.55 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG020435.D

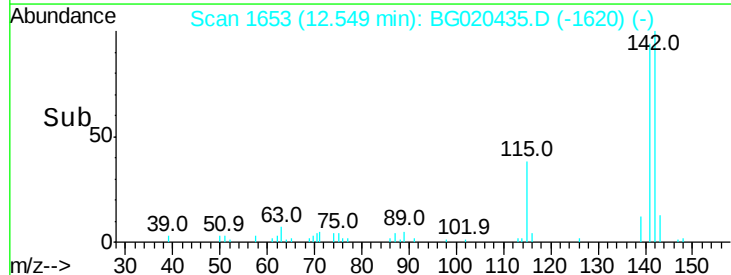
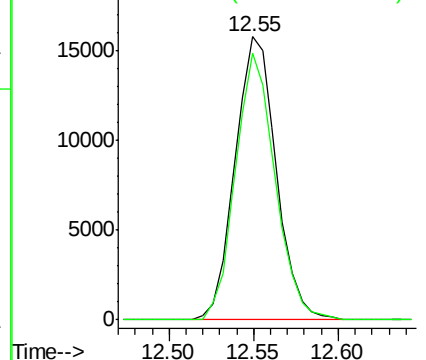
Acq: 23 Dec 2015 9:34

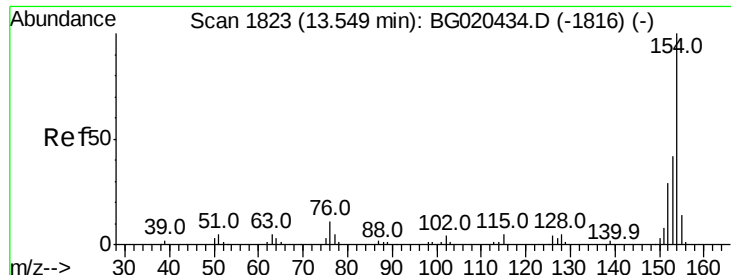
Tgt Ion:	142	Resp:	26814
Ion Ratio	Lower	Upper	
142	100		
141	94.1	74.9	112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#41

1,1'-Biphenyl

Concen: 1.38 ng/ul

RT: 13.55 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BG020435.D

Acq: 23 Dec 2015 9:34

Instrument :

BNA_G

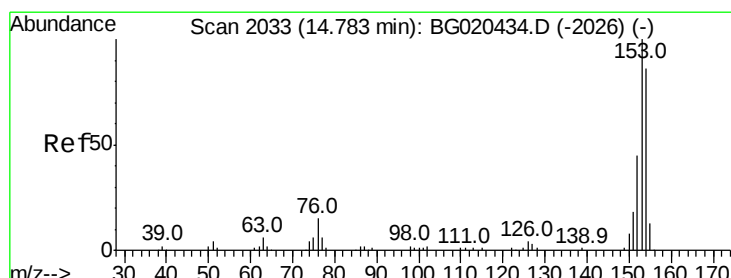
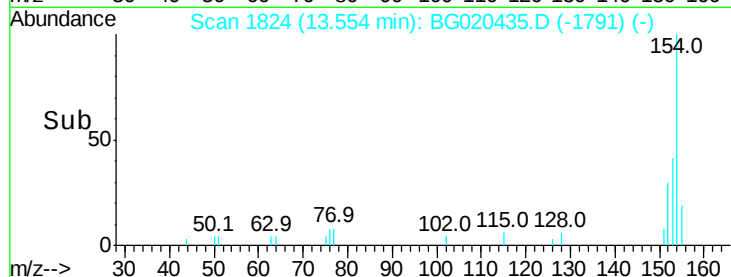
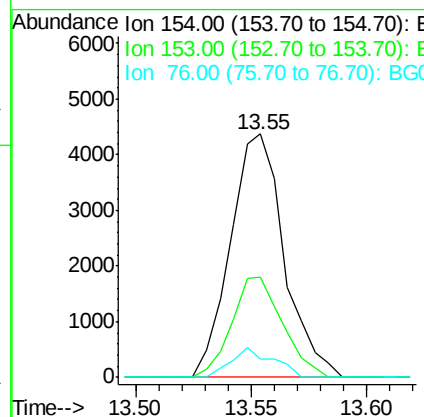
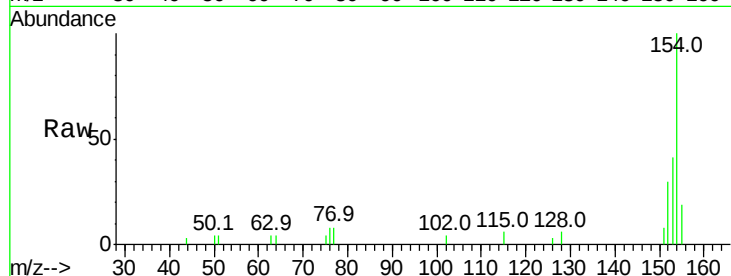
ClientSampleId :

D9N35DL

Tot Ion:	154	Resp:	7088
Ion Ratio	Lower	Upper	
154	100		
153	41.1	35.5	53.3
76	7.7	10.4	15.6

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#50

Acenaphthene

Concen: 7.10 ng/ul

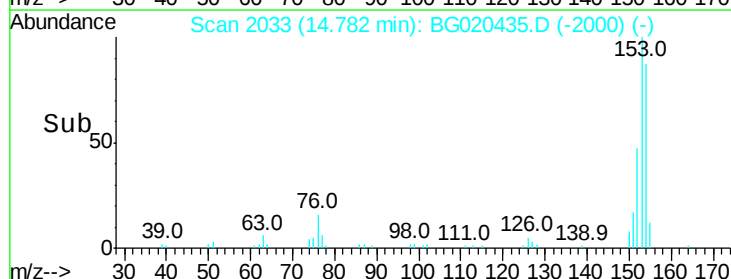
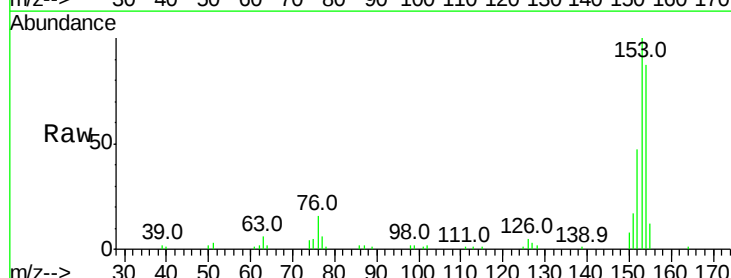
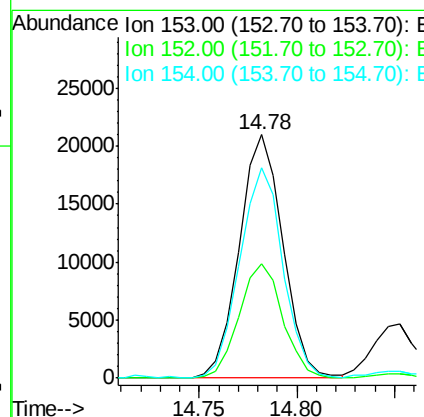
RT: 14.78 min Scan# 2033

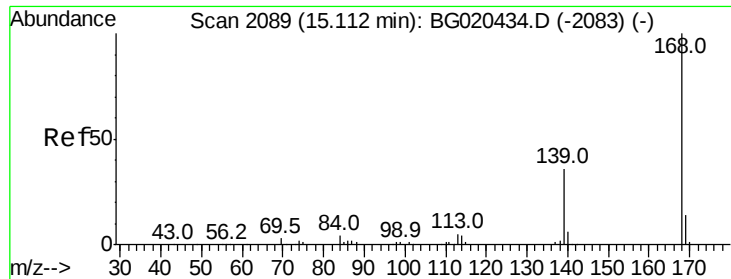
Delta R.T. -0.01 min

Lab File: BG020435.D

Acq: 23 Dec 2015 9:34

Tgt Ion:	153	Resp:	32472
Ion Ratio	Lower	Upper	
153	100		
152	46.9	37.6	56.4
154	86.5	67.9	101.9





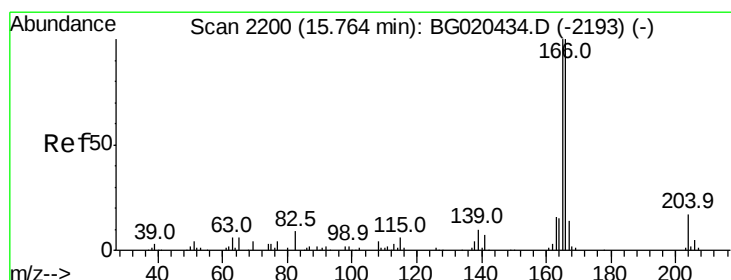
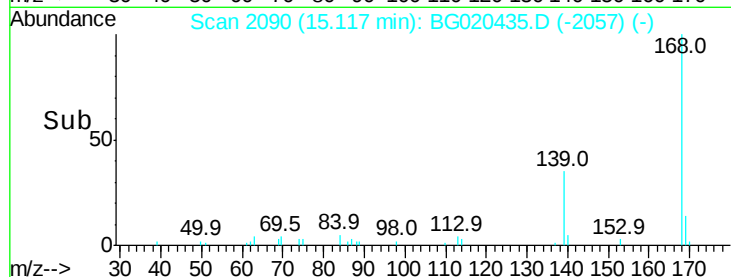
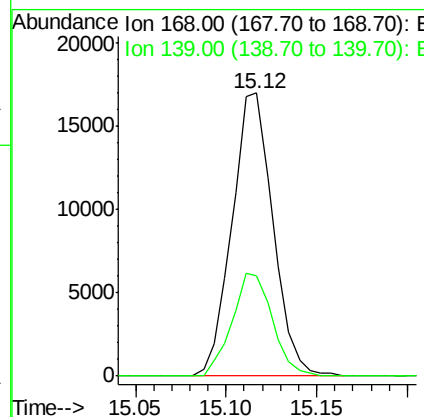
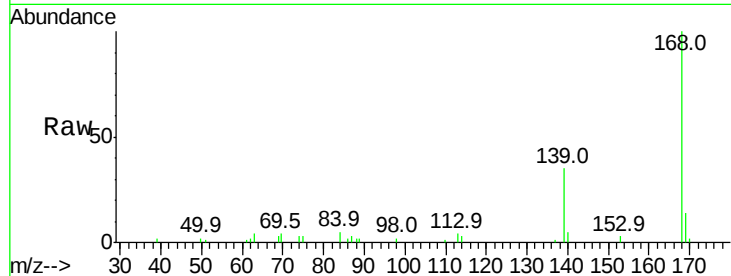
#54
Dibenzofuran
Concen: 3.93 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG020435.D
Acq: 23 Dec 2015 9:34

Instrument :
BNA_G
ClientSampleId :
D9N35DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.3	30.5	45.7

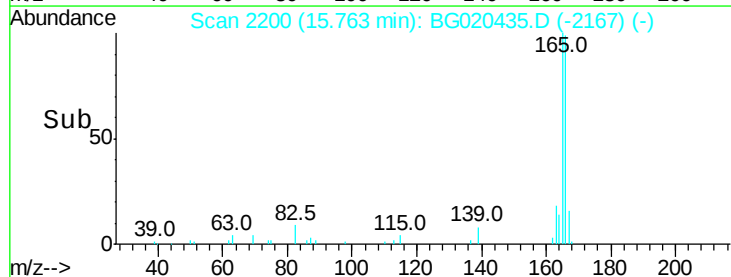
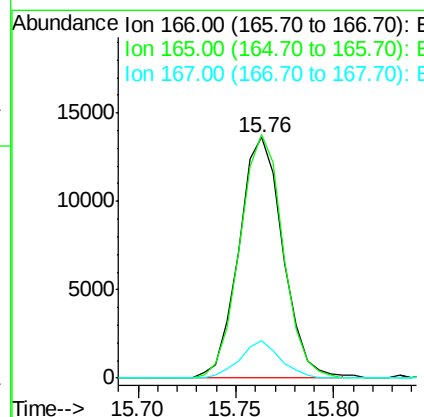
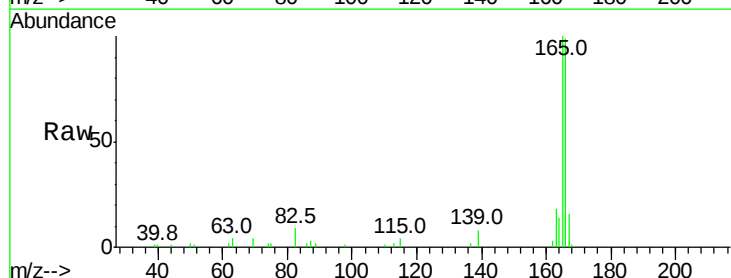
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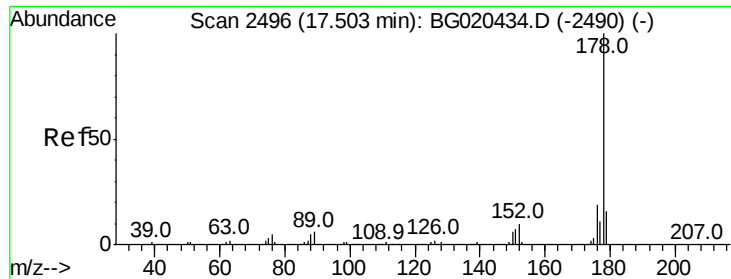
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#59
Fluorene
Concen: 3.89 ng/ul
RT: 15.76 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG020435.D
Acq: 23 Dec 2015 9:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	81.4	122.0
167	15.8	11.2	16.8





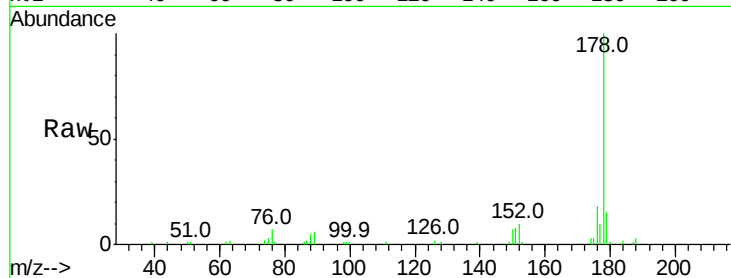
#70
Phenanthrene
Concen: 4.28 ng/ul
RT: 17.50 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG020435.D
Acq: 23 Dec 2015 9:34

Instrument :
BNA_G
ClientSampleId :
D9N35DL

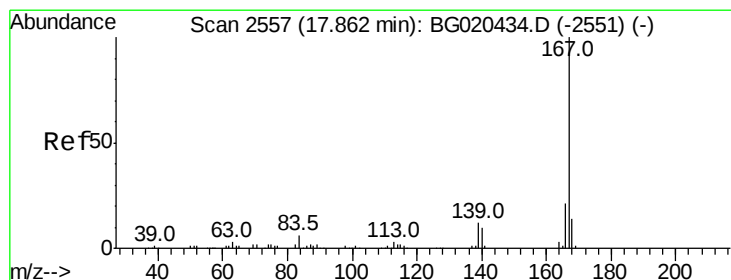
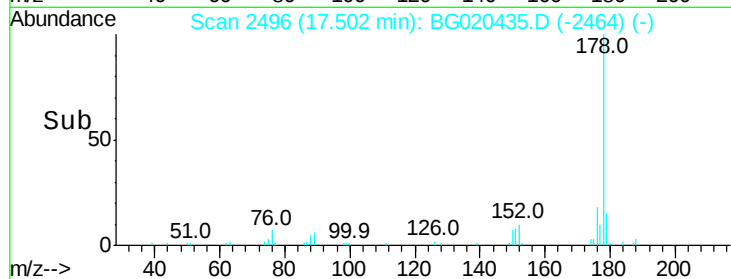
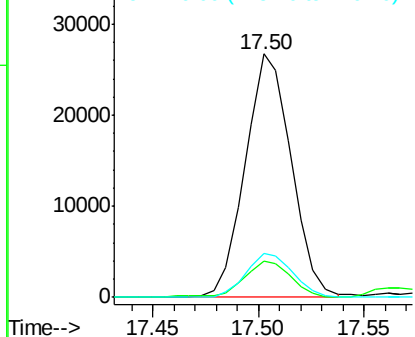
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.9	19.3
176	18.1	15.3	22.9

Manual Integrations
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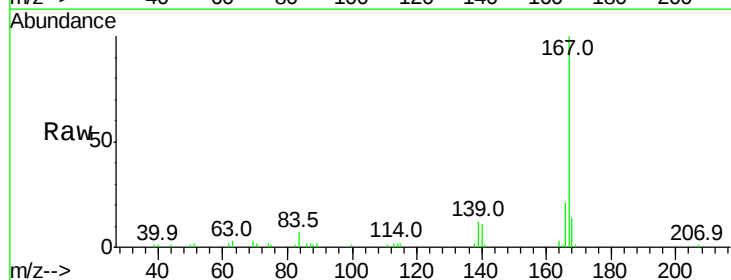


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75
Carbazole
Concen: 2.97 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BG020435.D
Acq: 23 Dec 2015 9:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	11.7	10.1	15.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

