

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020289.D
 Acq On : 19 Dec 2015 00:07
 Operator : UM/SJ
 Sample : G4768-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N34

Manual Integrations
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Quant Time: Dec 21 10:27:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 19 00:45:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18229	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	74452	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	51451	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	124900	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	175502	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	163625	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	489	1.48	ng/uL	0.00
5) Phenol-d5	7.24	99	14102	8.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	30382	31.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	32937	28.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	24261	17.65	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	21862	37.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	24781	38.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	42410	32.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	2766	1.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	147534	35.45	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	169272	34.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	6894	9.24	ng/ul	0.00
58) Fluorene-d10	15.71	176	132516	35.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	23064	31.15	ng/ul	0.00
71) Anthracene-d10	17.57	188	214693	37.30	ng/ul	0.00
79) Pyrene-d10	19.85	212	271106	33.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	313795	38.45	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	11.01	128	5513439	1418.06	ng/ul#	61
34) 2-Methylnaphthalene	12.57	142	1104742	371.99	ng/ul	98
41) 1,1'-Biphenyl	13.56	154	305262	78.64	ng/ul	96
48) Acenaphthylene	14.45	152	123666	24.04	ng/ul	97
50) Acenaphthene	14.80	153	1230880	355.63	ng/ul	95
54) Dibenzofuran	15.13	168	999988	194.22	ng/ul	96
59) Fluorene	15.78	166	854394	206.65	ng/ul	97
70) Phenanthrene	17.52	178	1543080m	225.87	ng/ul	
72) Anthracene	17.61	178	157386m	22.71	ng/ul	
75) Carbazole	17.88	167	1058293	181.77	ng/ul	97
77) Fluoranthene	19.52	202	273554	34.26	ng/ul	99
80) Pyrene	19.88	202	155859	14.67	ng/ul	100

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

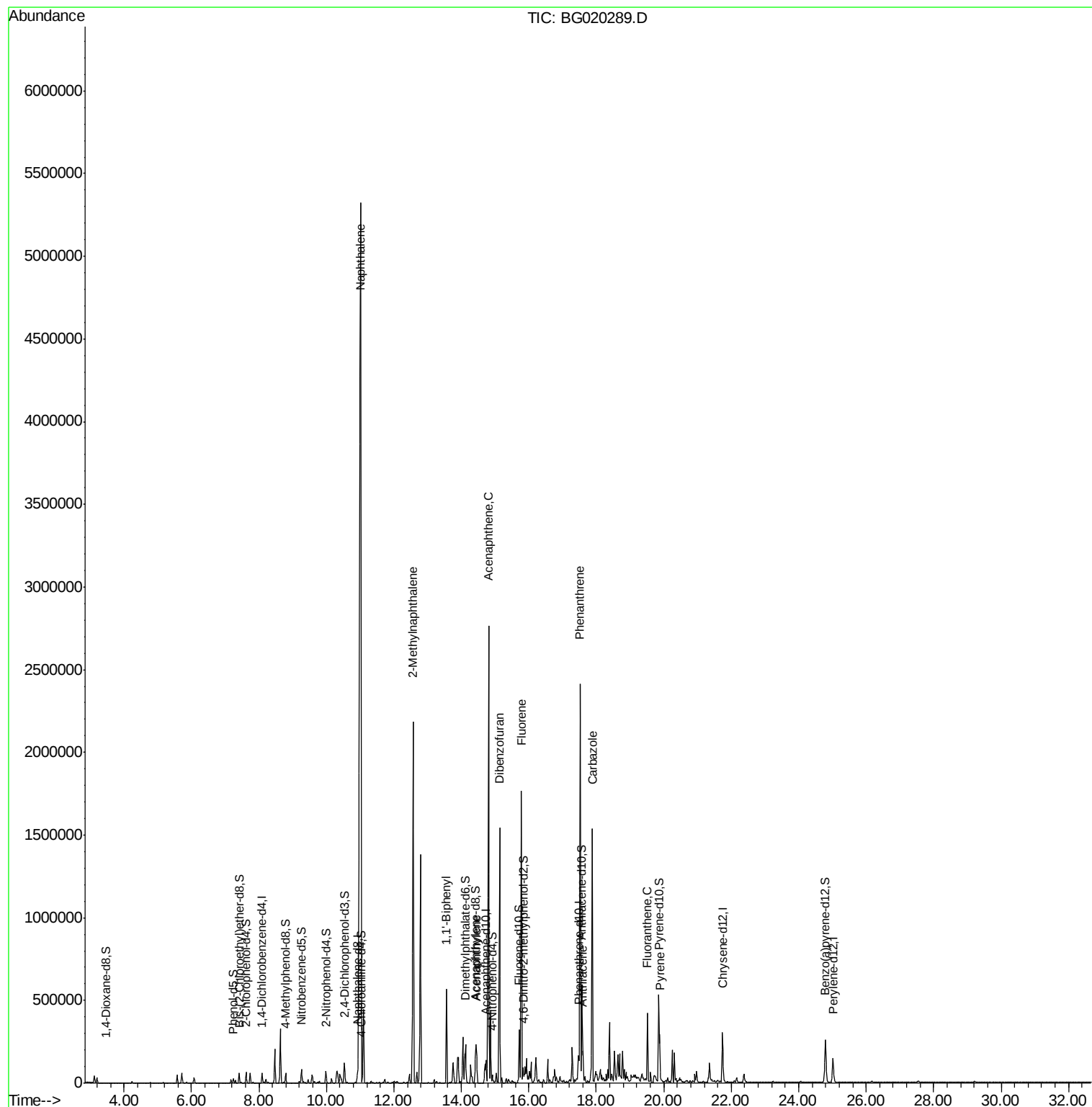
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020289.D
Acq On : 19 Dec 2015 00:07
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Misc :
ALS Vial : 22 Sample Multiplier: 1

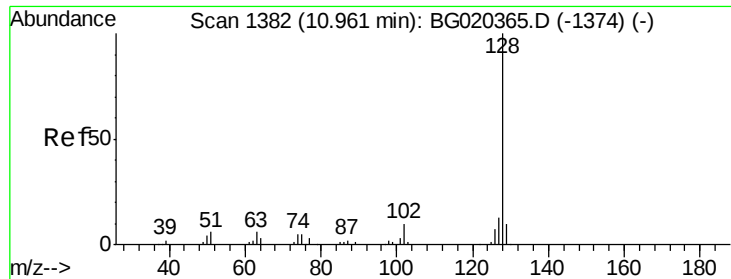
Instrument :
BNA_G
ClientSampleId :
D9N34

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Quant Time: Dec 21 10:27:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:45:12 2015
Response via : Initial Calibration





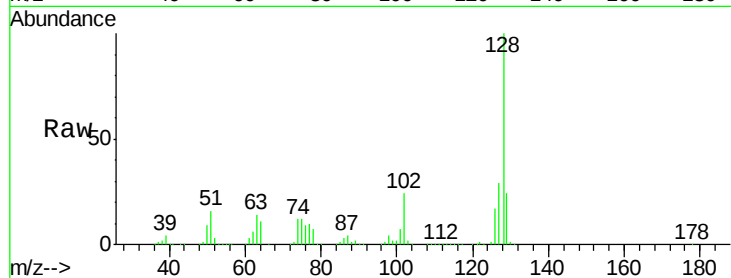
#28
Naphthalene
Concen: 1418.06 ng/ul
RT: 11.01 min Scan# 1391
Delta R.T. 0.05 min
Lab File: BG020289.D
Acq: 19 Dec 2015 00:07

Instrument :
BNA_G
ClientSampleId :
D9N34

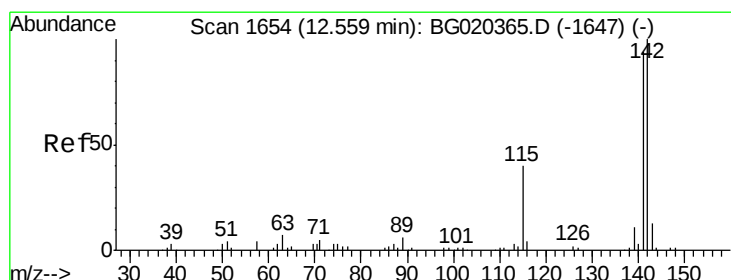
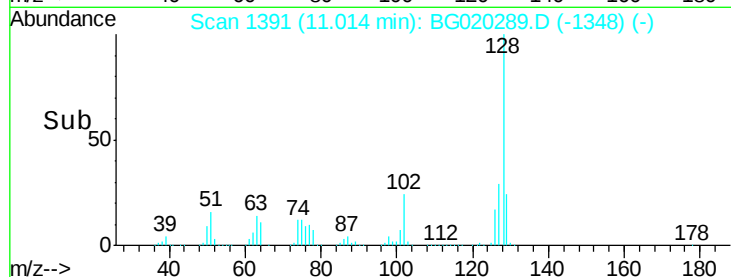
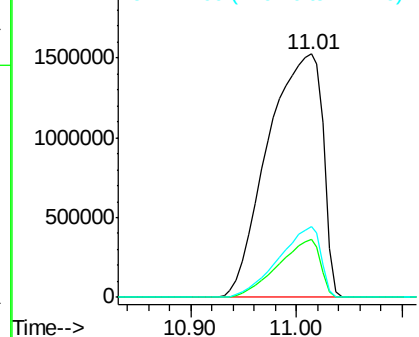
Tot Ion:128 Resp: 5513439
Ion Ratio Lower Upper
128 100
129 23.8 8.6 12.8#
127 29.0 10.1 15.1#

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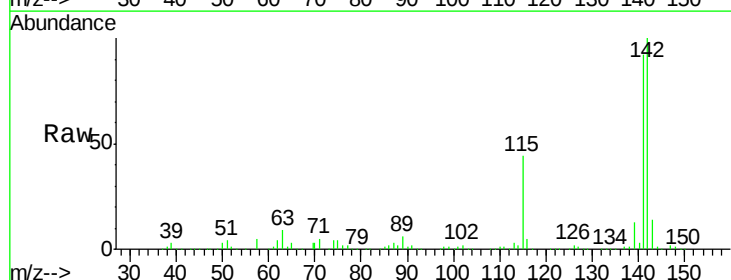


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

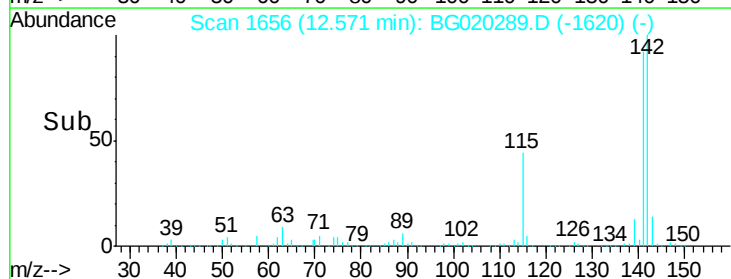
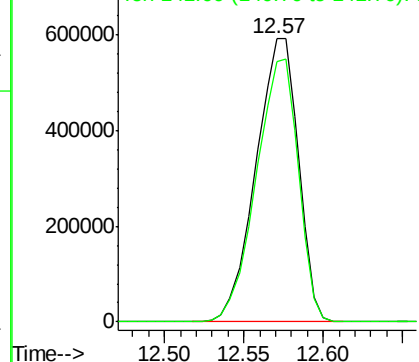


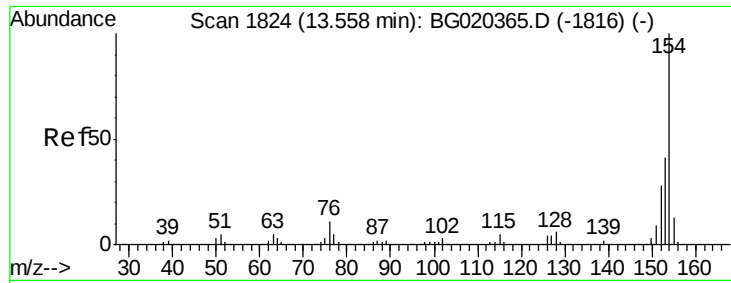
#34
2-Methylnaphthalene
Concen: 371.99 ng/ul
RT: 12.57 min Scan# 1656
Delta R.T. 0.01 min
Lab File: BG020289.D
Acq: 19 Dec 2015 00:07

Tgt Ion:142 Resp: 1104742
Ion Ratio Lower Upper
142 100
141 92.0 74.9 112.3



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





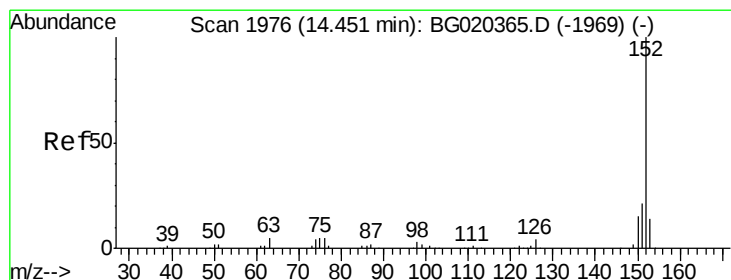
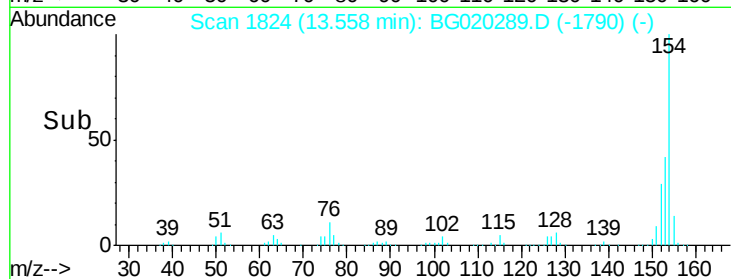
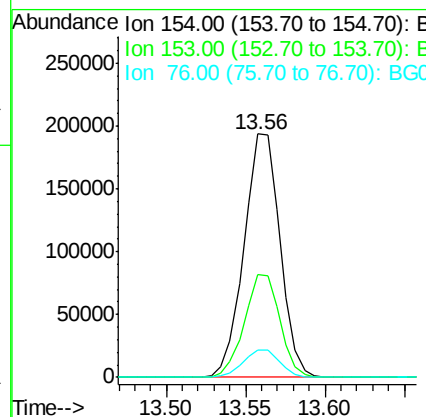
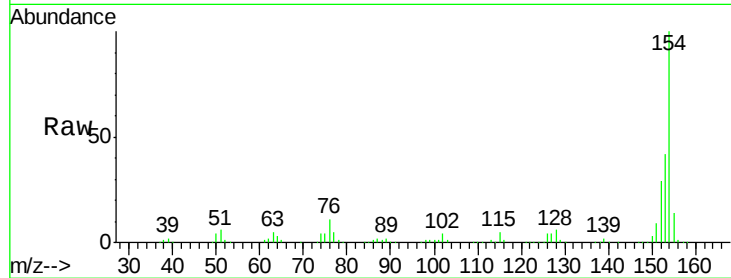
#41
 1,1'-Biphenyl
 Concen: 78.64 ng/ul
 RT: 13.56 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG020289.D
 Acq: 19 Dec 2015 00:07

Instrument :
 BNA_G
 ClientSampleId :
 D9N34

Tot Ion:	154	Resp:	305262
Ion Ratio	Lower	Upper	
154	100		
153	42.0	35.5	53.3
76	11.3	10.4	15.6

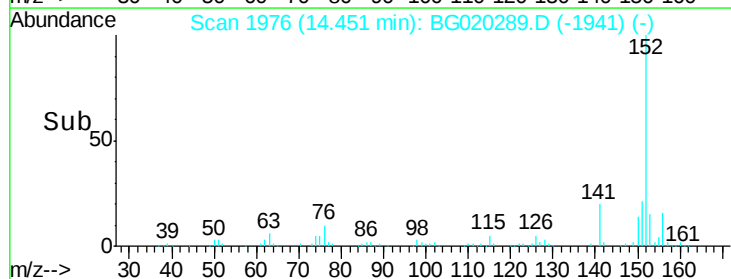
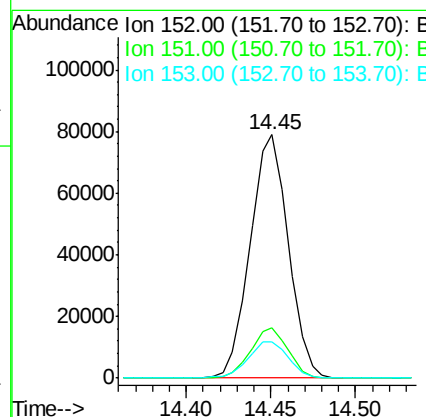
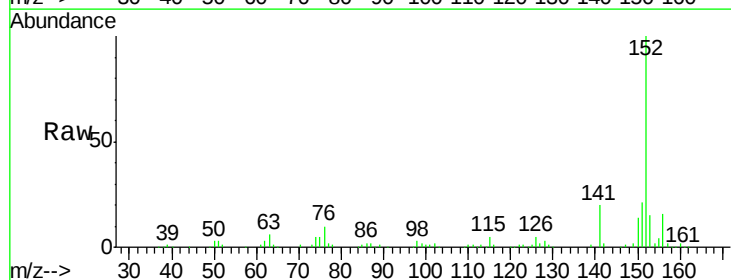
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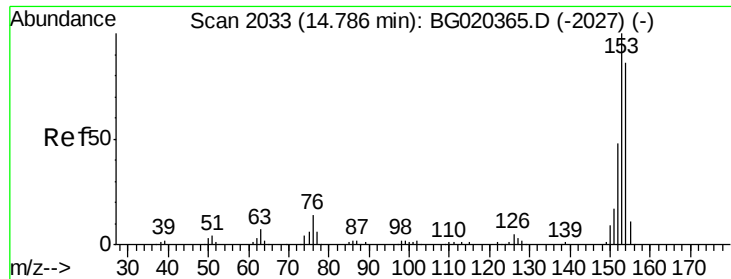
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#48
 Acenaphthylene
 Concen: 24.04 ng/ul
 RT: 14.45 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG020289.D
 Acq: 19 Dec 2015 00:07

Tgt Ion:	152	Resp:	123666
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.4	24.6
153	15.1	10.4	15.6





#50

Acenaphthene

Concen: 355.63 ng/ul

RT: 14.80 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BG020289.D

Acq: 19 Dec 2015 00:07

Instrument :

BNA_G

ClientSampleId :

D9N34

Tot Ion:153 Resp: 1230880

Ion Ratio Lower Upper

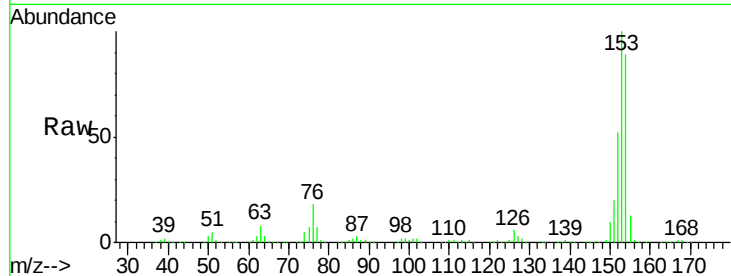
153 100

152 51.9 37.6 56.4

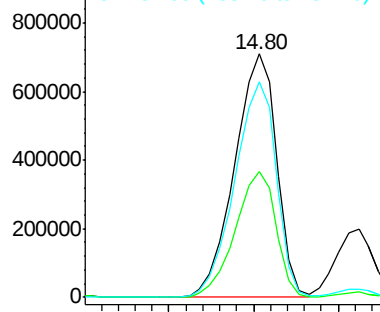
154 88.5 67.9 101.9

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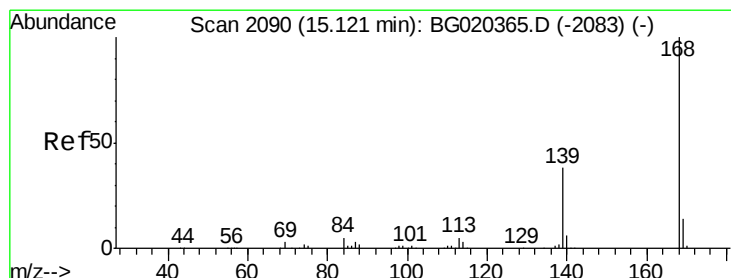
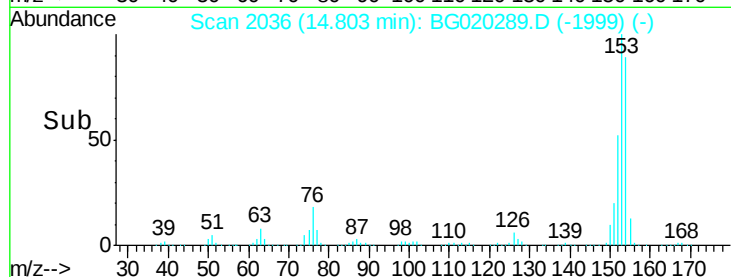
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#54

Dibenzofuran

Concen: 194.22 ng/ul

RT: 15.13 min Scan# 2092

Delta R.T. 0.01 min

Lab File: BG020289.D

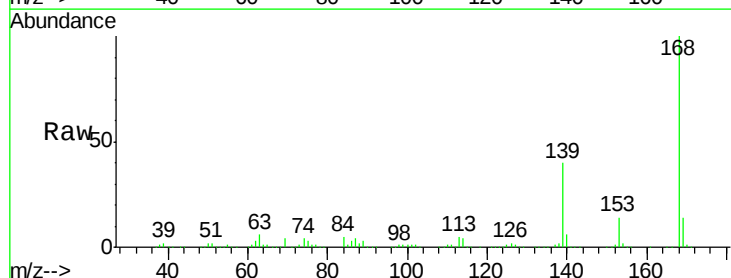
Acq: 19 Dec 2015 00:07

Tgt Ion:168 Resp: 999988

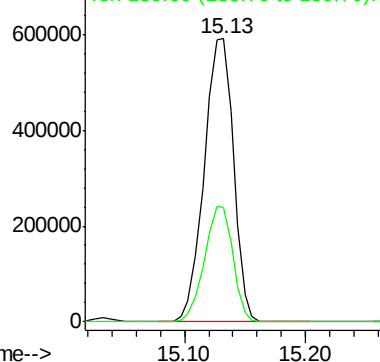
Ion Ratio Lower Upper

168 100

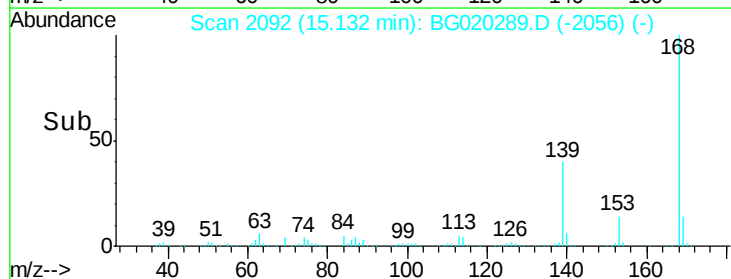
139 40.4 30.5 45.7

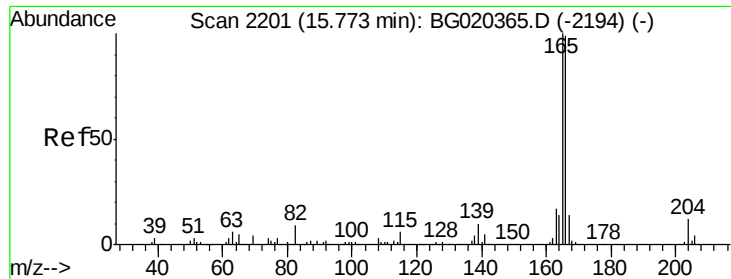


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->





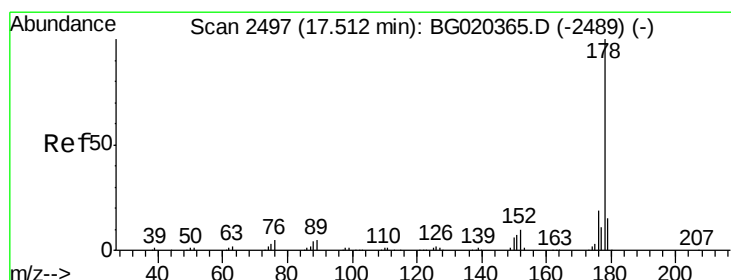
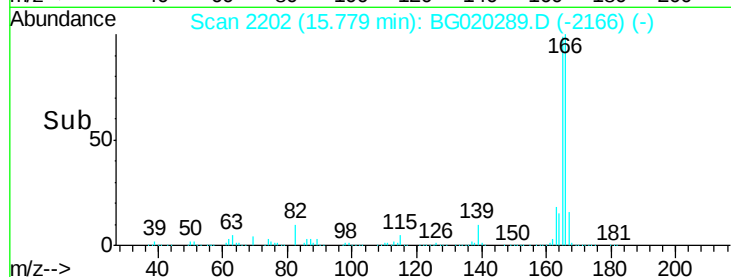
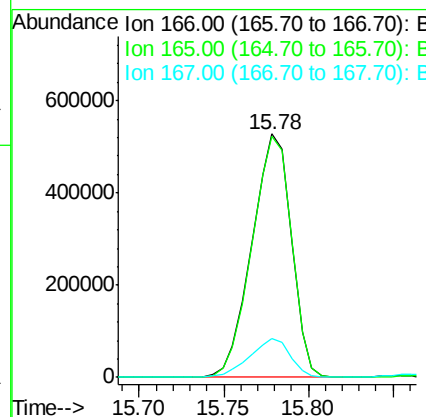
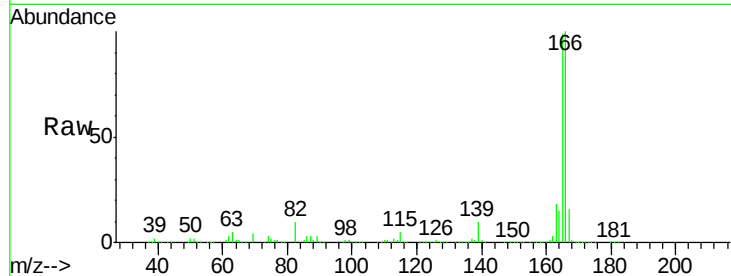
#59
Fluorene
Concen: 206.65 ng/ul
RT: 15.78 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BG020289.D
Acq: 19 Dec 2015 00:07

Instrument :
BNA_G
ClientSampleId :
D9N34

Tot Ion	Ratio	Resp	Lower	Upper
166	100	854394		
165	98.9		81.4	122.0
167	15.7		11.2	16.8

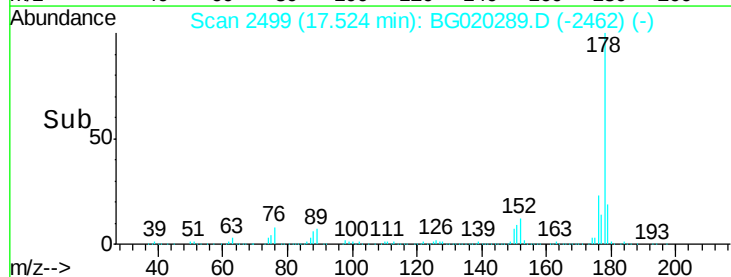
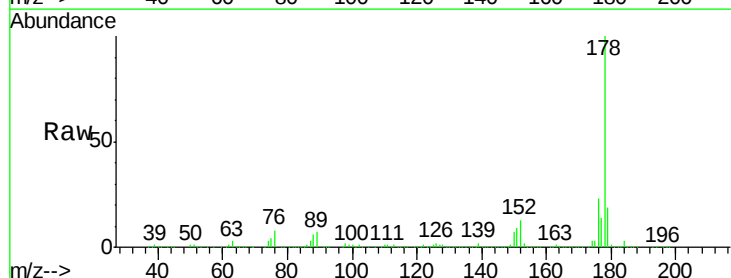
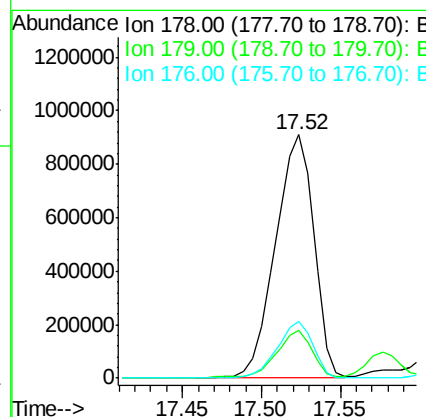
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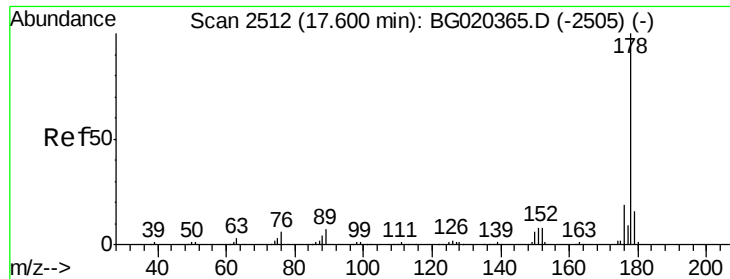
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#70
Phenanthrene
Concen: 225.87 ng/ul m
RT: 17.52 min Scan# 2499
Delta R.T. 0.02 min
Lab File: BG020289.D
Acq: 19 Dec 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1543080		
179	19.5		12.9	19.3#
176	23.1		15.3	22.9#





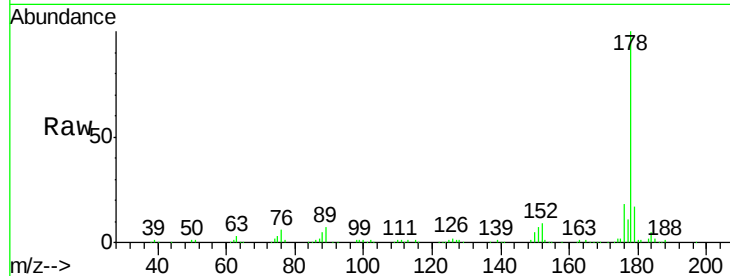
#72
 Anthracene
 Concen: 22.71 ng/ul m
 RT: 17.61 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG020289.D
 Acq: 19 Dec 2015 00:07

Instrument :
 BNA_G
 ClientSampleId :
 D9N34

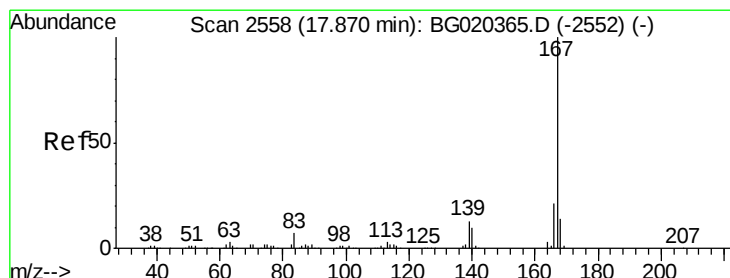
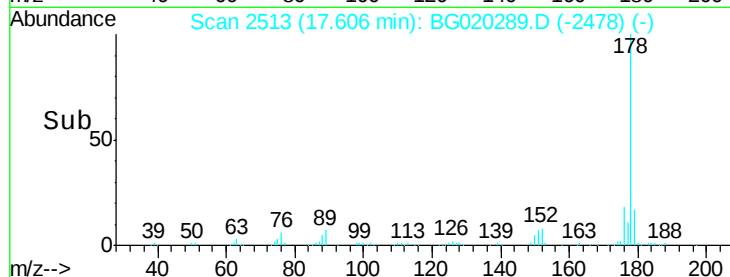
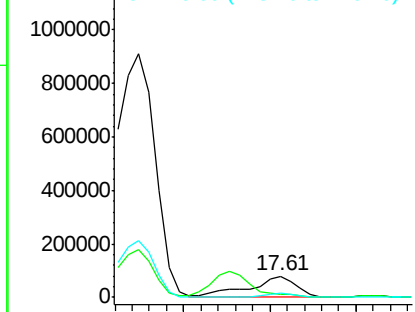
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	18.5	14.3	21.5

Manual Integrations
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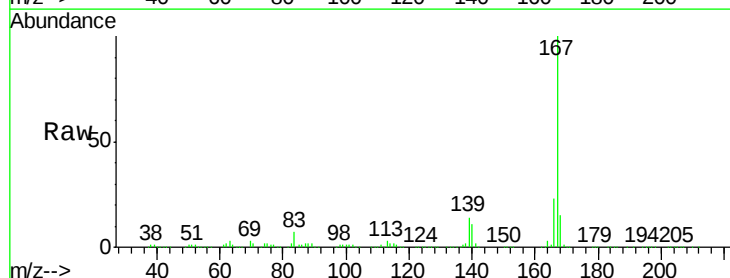


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

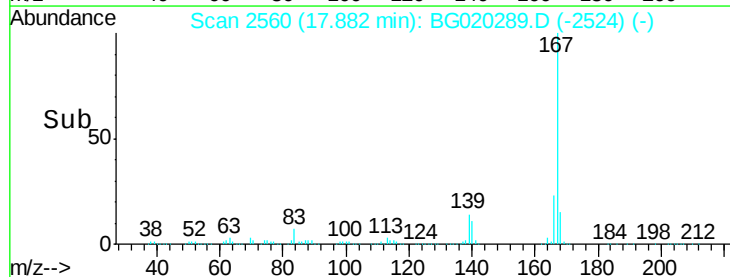
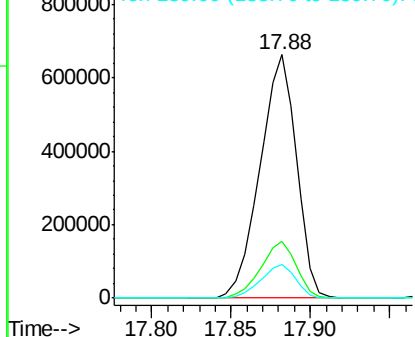


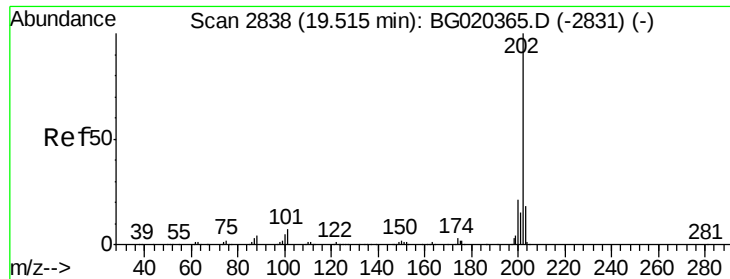
#75
 Carbazole
 Concen: 181.77 ng/ul
 RT: 17.88 min Scan# 2560
 Delta R.T. 0.01 min
 Lab File: BG020289.D
 Acq: 19 Dec 2015 00:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.0	25.6
139	13.7	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





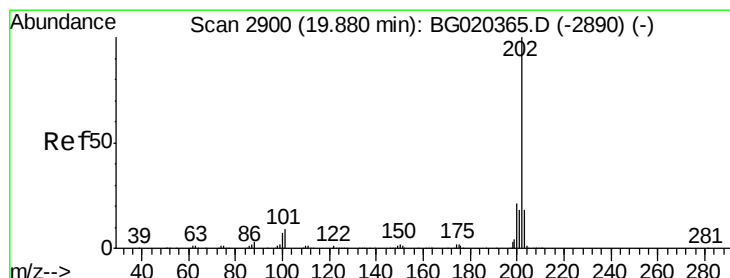
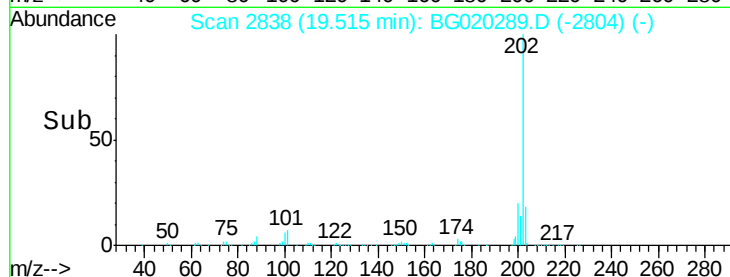
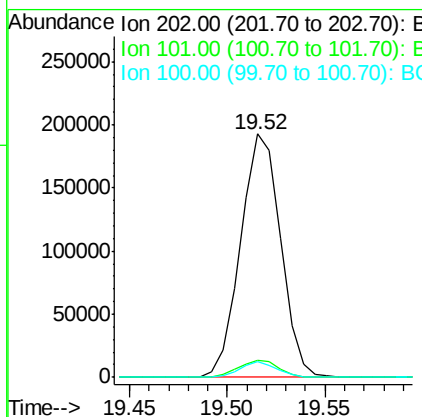
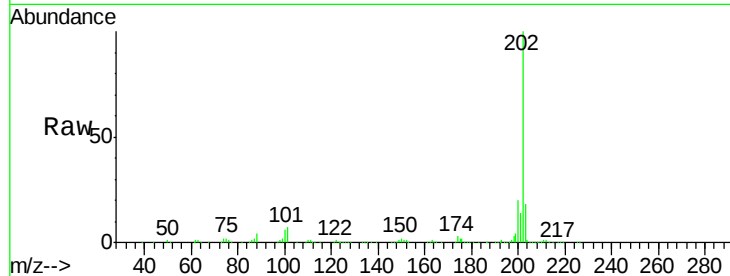
#77
Fluoranthene
Concen: 34.26 ng/ul
RT: 19.52 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG020289.D
Acq: 19 Dec 2015 00:07

Instrument :
BNA_G
ClientSampleId :
D9N34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		273554		
101	6.9	6.2	9.4		
100	6.3	5.1	7.7		

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#80
Pyrene
Concen: 14.67 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG020289.D
Acq: 19 Dec 2015 00:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		155859		
101	8.6	7.0	10.4		
100	7.8	6.4	9.6		

