

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020299.D
 Acq On : 19 Dec 2015 6:48
 Operator : UM/SJ
 Sample : G4768-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N43

Manual Integrations
 APPROVED

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 12/22/2015 2:13:16 PM

Quant Time: Dec 20 03:56:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 19 04:52:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	20315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	85940	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.73	164	59100	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	142157	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	187115	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	175646	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	646	1.76	ng/uL	0.00
5) Phenol-d5	7.24	99	16633	9.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	34708	32.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	37445	28.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	28500	18.60	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	23682	35.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	27026	36.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	47112	31.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	955	0.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	164354	34.38	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	192960	34.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	8521	9.94	ng/ul	0.00
58) Fluorene-d10	15.71	176	148168	34.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	25287	30.01	ng/ul	0.00
71) Anthracene-d10	17.57	188	231875	35.40	ng/ul	0.00
79) Pyrene-d10	19.85	212	278688	31.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	304115	34.71	ng/ul	0.00

Target Compounds

					Ovalue	
11) 2-Methylphenol	8.53	108	2553	1.74	ng/ul	95
14) Acetophenone	8.91	105	2697	1.12	ng/ul#	82
16) 4-Methylphenol	8.86	108	4899	3.02	ng/ul	86
24) 2,4-Dimethylphenol	10.07	107	10993m	6.06	ng/ul	
28) Naphthalene	11.01	128	5093901	1135.02	ng/ul#	64
34) 2-Methylnaphthalene	12.57	142	1038319	302.89	ng/ul	98
35) 1-Methylnaphthalene	12.79	142	600999	182.36	ng/ul	95
41) 1,1'-Biophenyl	13.56	154	342939	76.91	ng/ul	97
48) Acenaphthylene	14.45	152	196088	33.19	ng/ul	98
50) Acenaphthene	14.80	153	1401568	352.54	ng/ul	94
54) Dibenzofuran	15.13	168	1162859	196.62	ng/ul	94
59) Fluorene	15.78	166	945034	198.99	ng/ul	98
70) Phenanthrene	17.52	178	1714528m	220.50	ng/ul	
72) Anthracene	17.61	178	117721	14.93	ng/ul	98
75) Carbazole	17.88	167	1348429	203.48	ng/ul	93
77) Fluoranthene	19.52	202	297362	32.72	ng/ul	99
80) Pyrene	19.88	202	172644	15.24	ng/ul	97

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

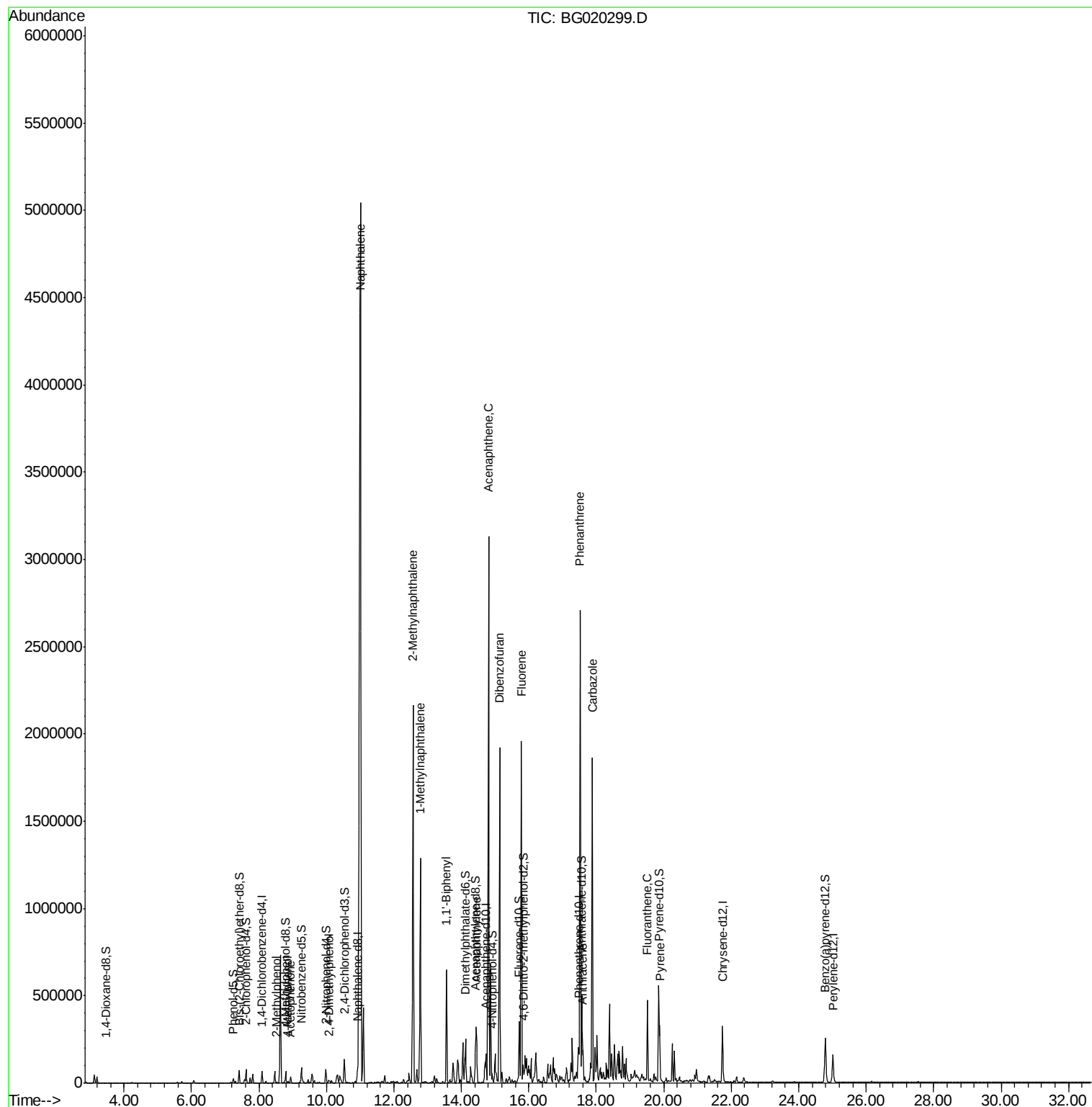
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020299.D
Acq On : 19 Dec 2015 6:48
Operator : UM/SJ
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

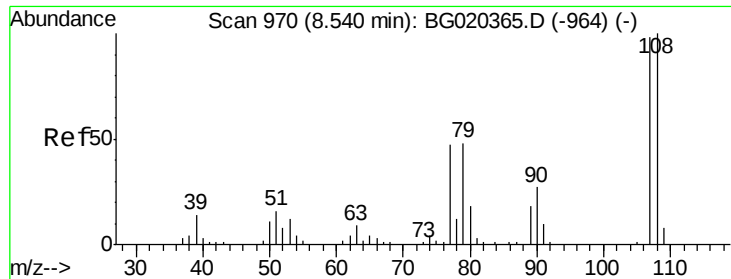
Instrument :
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ClientSampleId :
D9N43

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Quant Title : SVOA CALIBRATION
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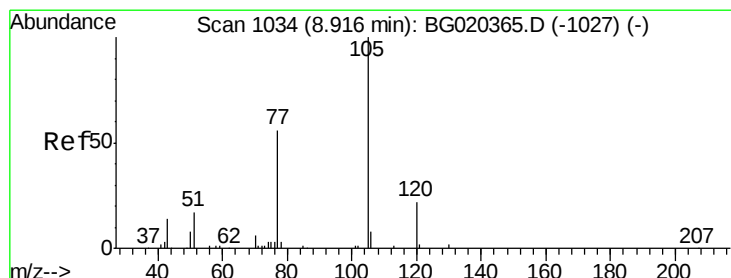
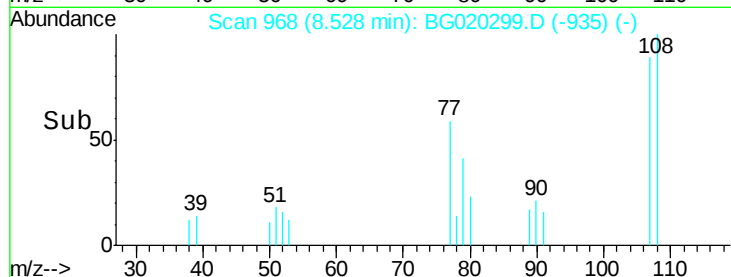
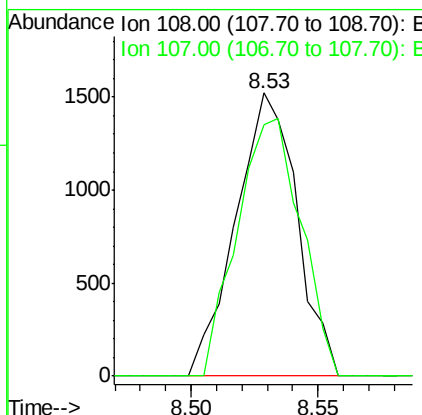
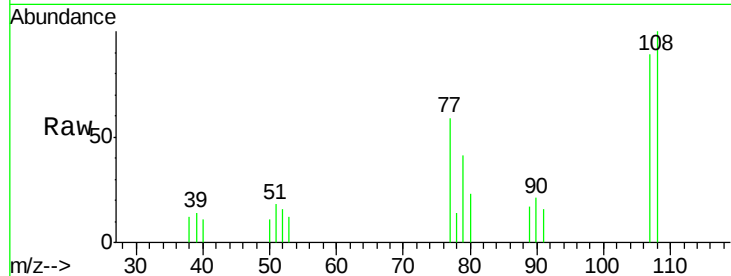
#11
2-Methylphenol
Concen: 1.74 ng/ul
RT: 8.53 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG020299.D
Acq: 19 Dec 2015 6:48

Instrument :
BNA_G
ClientSampleId :
D9N43

Tot Ion:108 Resp: 2553
Ion Ratio Lower Upper
108 100
107 88.6 67.5 101.3

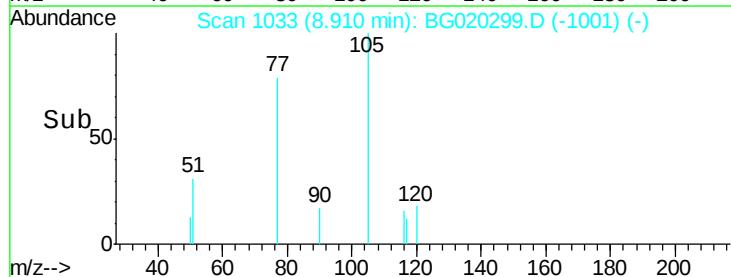
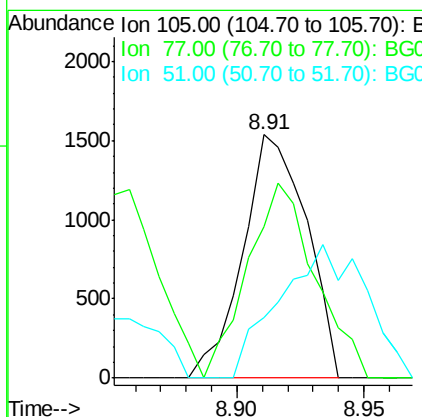
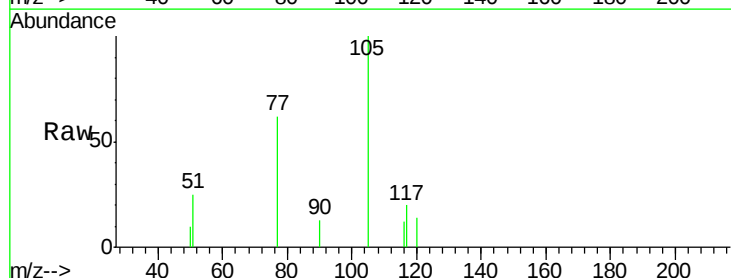
Manual Integrations
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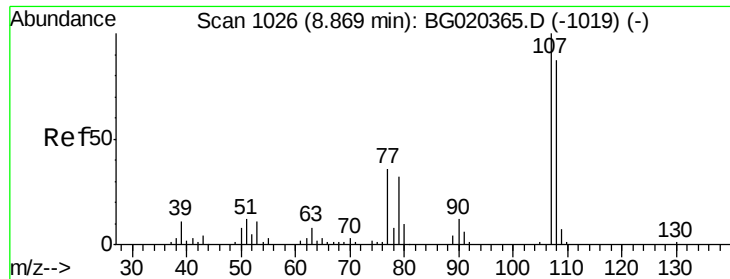
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#14
Acetophenone
Concen: 1.12 ng/ul
RT: 8.91 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG020299.D
Acq: 19 Dec 2015 6:48

Tgt Ion:105 Resp: 2697
Ion Ratio Lower Upper
105 100
77 62.4 65.2 97.8#
51 24.7 22.6 33.8





#16

4-Methylphenol

Concen: 3.02 ng/ul

RT: 8.86 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BG020299.D

Acq: 19 Dec 2015 6:48

Instrument :

BNA_G

ClientSampleId :

D9N43

Tot Ion:108 Resp: 4899

Ion Ratio Lower Upper

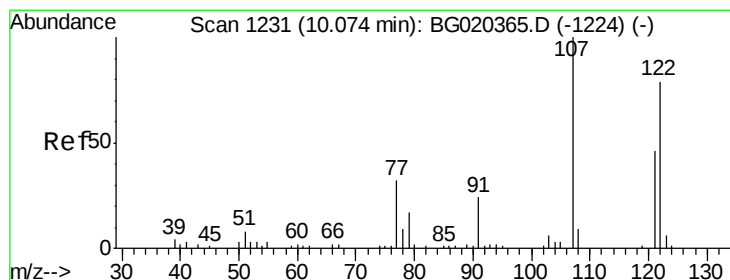
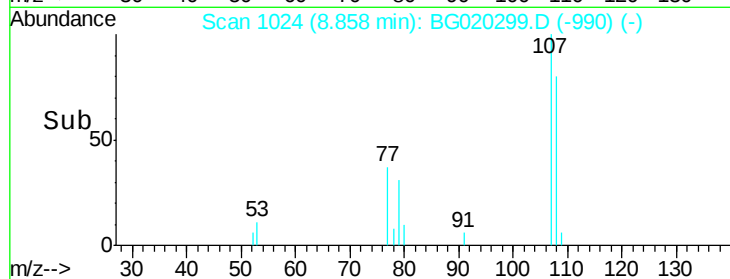
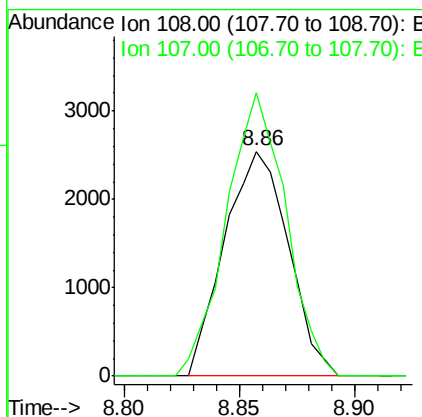
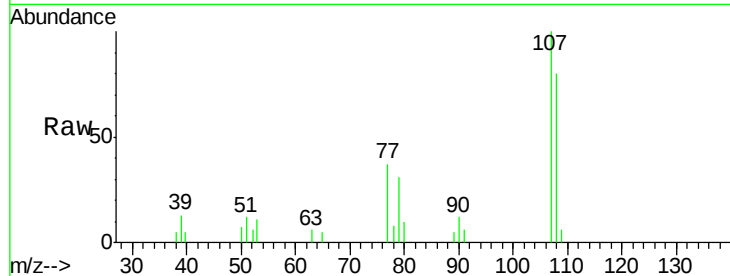
108 100

107 125.8 88.9 133.3

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#24

2,4-Dimethylphenol

Concen: 6.06 ng/ul m

RT: 10.07 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BG020299.D

Acq: 19 Dec 2015 6:48

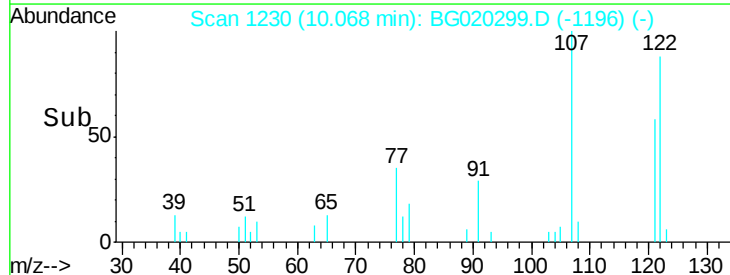
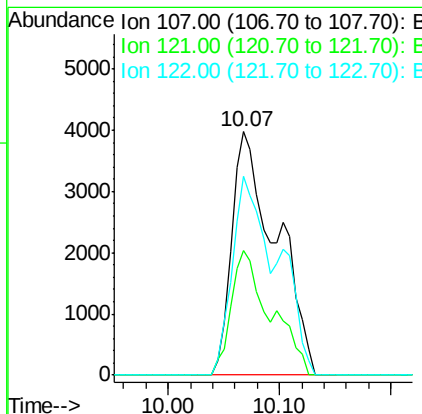
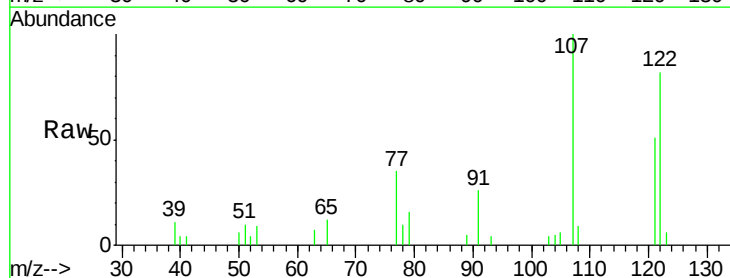
Tgt Ion:107 Resp: 10993

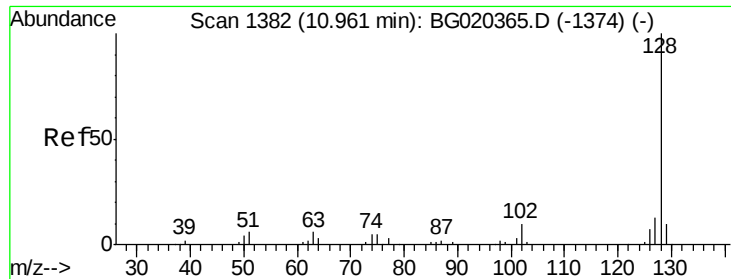
Ion Ratio Lower Upper

107 100

121 51.0 39.0 58.4

122 81.9 62.1 93.1





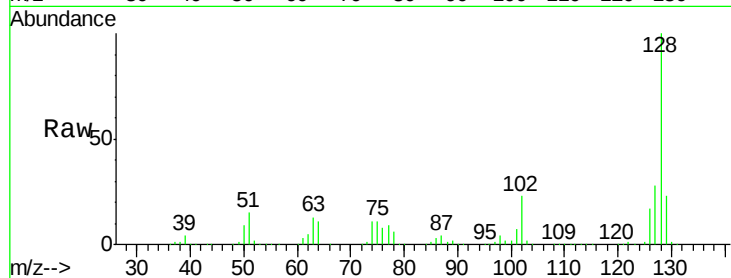
#28
Naphthalene
Concen: 1135.02 ng/ul
RT: 11.01 min Scan# 1390
Delta R.T. 0.05 min
Lab File: BG020299.D
Acq: 19 Dec 2015 6:48

Instrument :
BNA_G
ClientSampleId :
D9N43

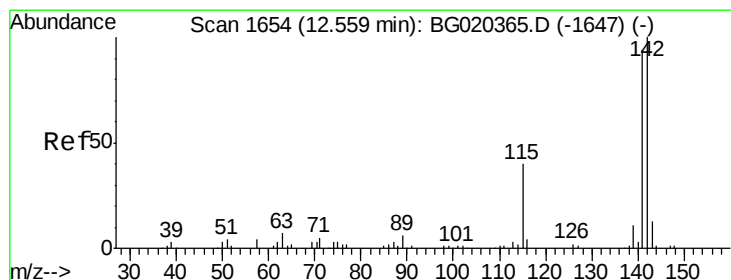
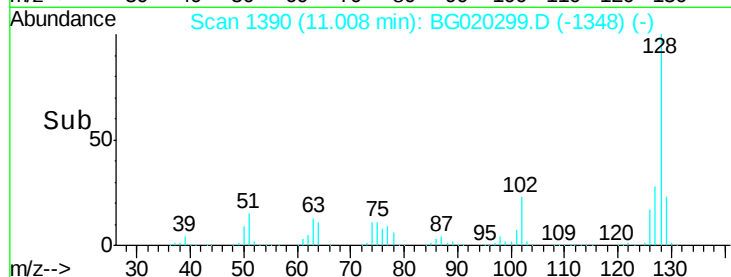
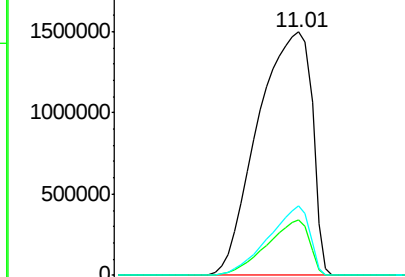
Tot Ion:128 Resp: 5093901
Ion Ratio Lower Upper
128 100
129 22.8 8.6 12.8#
127 28.3 10.1 15.1#

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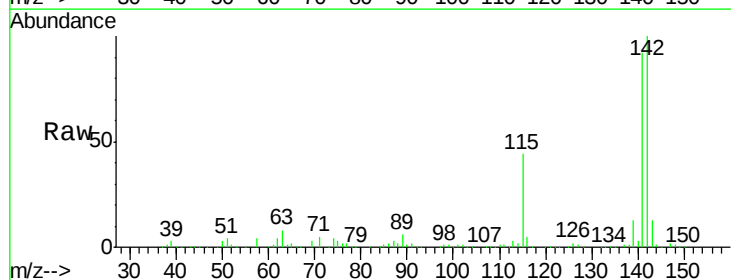


Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

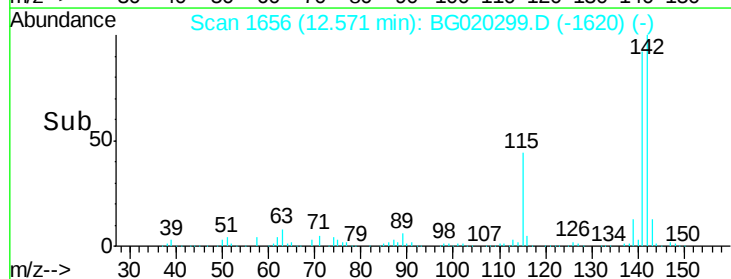
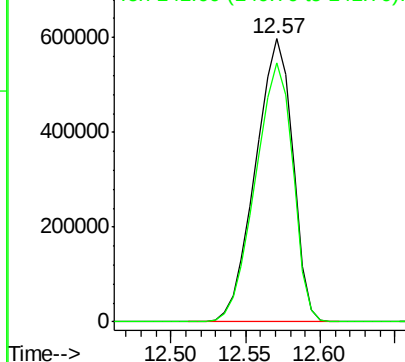


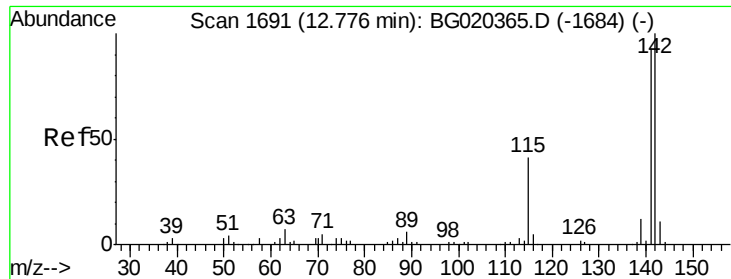
#34
2-Methylnaphthalene
Concen: 302.89 ng/ul
RT: 12.57 min Scan# 1656
Delta R.T. 0.01 min
Lab File: BG020299.D
Acq: 19 Dec 2015 6:48

Tgt Ion:142 Resp: 1038319
Ion Ratio Lower Upper
142 100
141 91.6 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E
600000
Ion 141.00 (140.70 to 141.70): E





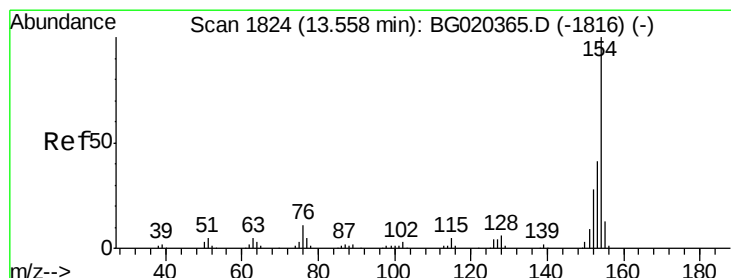
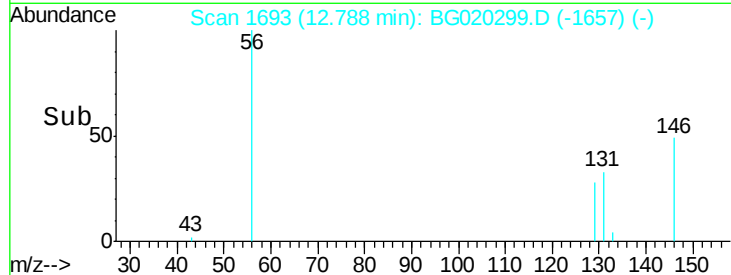
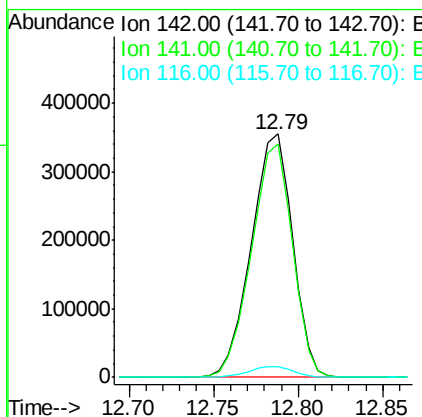
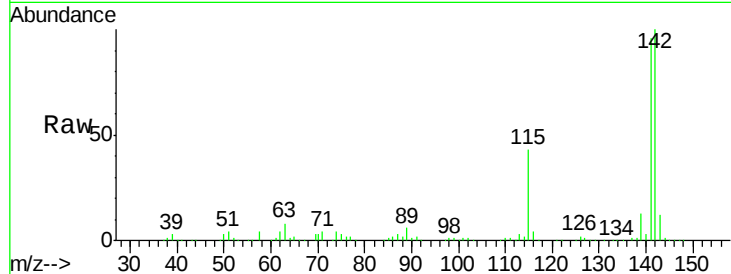
#35
 1-Methylnaphthalene
 Concen: 182.36 ng/ul
 RT: 12.79 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: BG020299.D
 Acq: 19 Dec 2015 6:48

Instrument :
 BNA_G
 ClientSampled :
 D9N43

Tot Ion	Ratio	Lower	Upper
142	100		
141	96.1	73.0	109.6
116	4.5	3.0	4.6

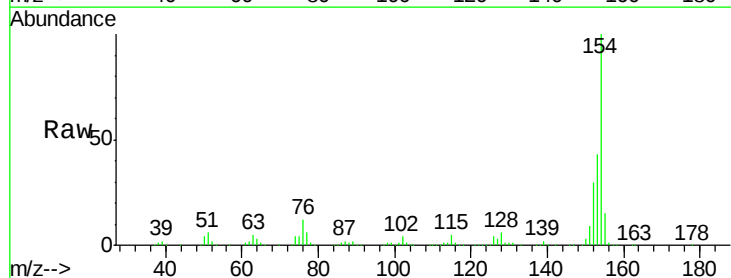
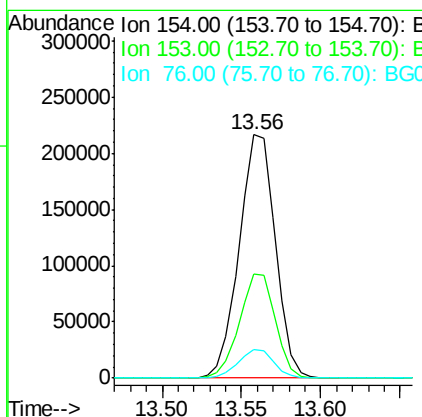
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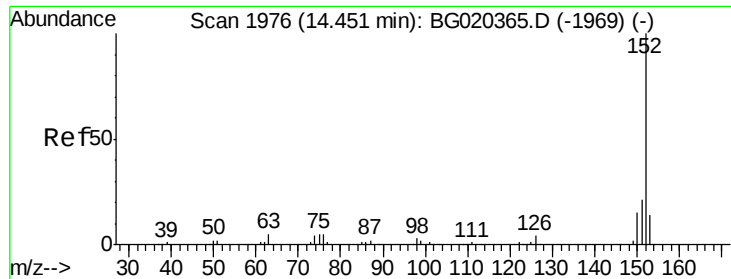
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#41
 1,1'-Biphenyl
 Concen: 76.91 ng/ul
 RT: 13.56 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG020299.D
 Acq: 19 Dec 2015 6:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	35.5	53.3
76	11.5	10.4	15.6





#48

Acenaphthylene

Concen: 33.19 ng/ul

RT: 14.45 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG020299.D

Acq: 19 Dec 2015 6:48

Instrument :

BNA_G

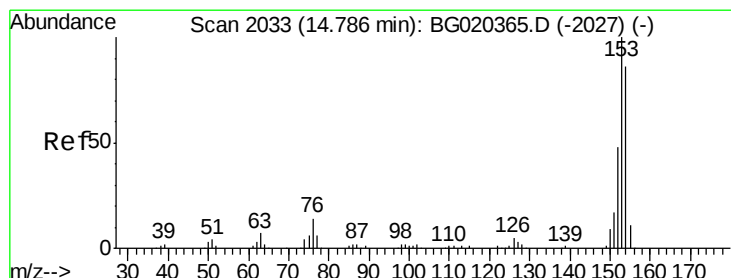
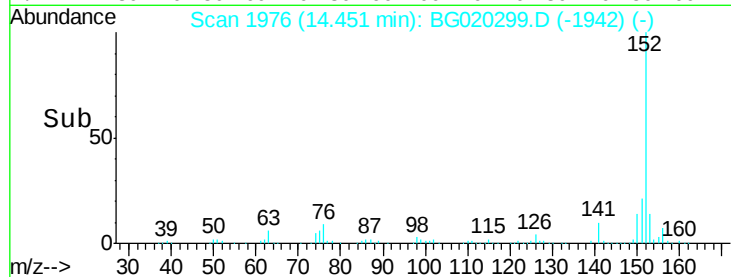
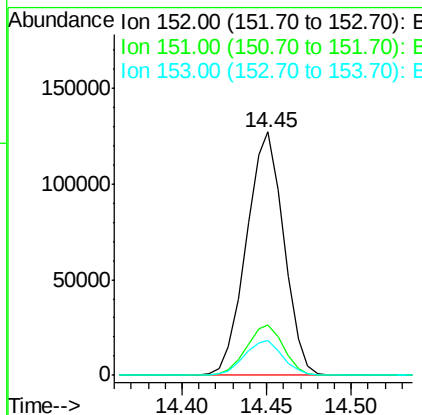
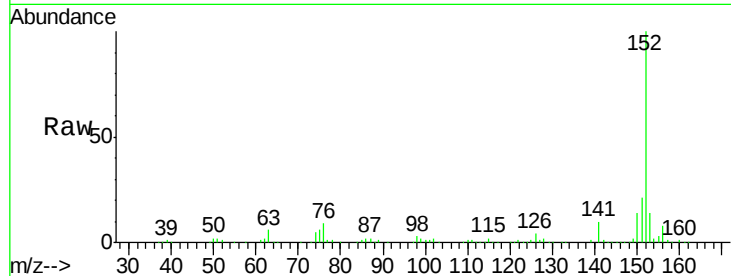
ClientSampleId :

D9N43

Tot Ion:	152	Resp:	196088
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.4	24.6
153	14.4	10.4	15.6

Manual Integrations
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#50

Acenaphthene

Concen: 352.54 ng/ul

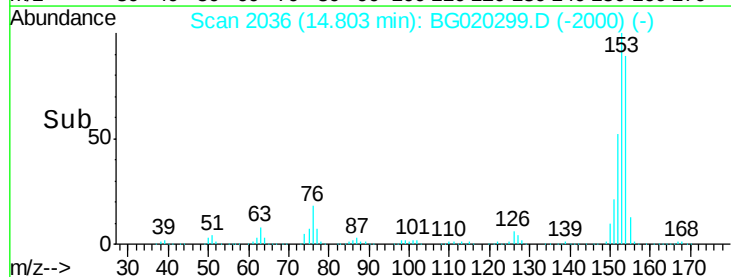
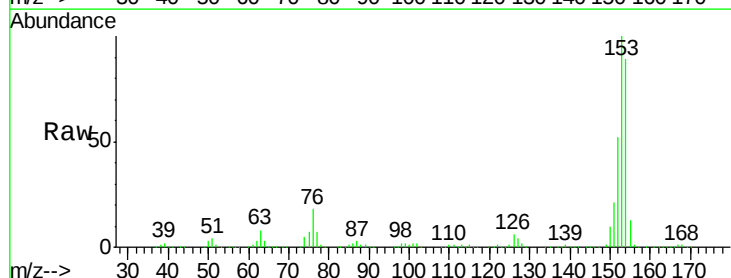
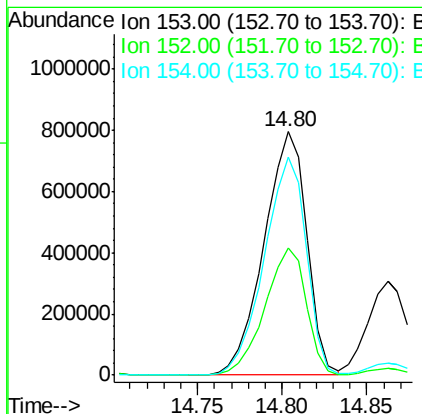
RT: 14.80 min Scan# 2036

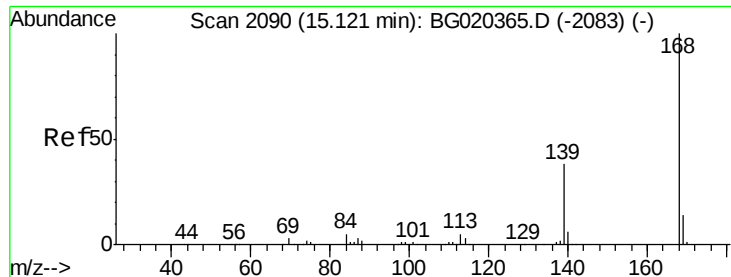
Delta R.T. 0.01 min

Lab File: BG020299.D

Acq: 19 Dec 2015 6:48

Tgt Ion:	153	Resp:	1401568
Ion Ratio	Lower	Upper	
153	100		
152	52.4	37.6	56.4
154	89.4	67.9	101.9





#54

Dibenzenofuran

Concen: 196.62 ng/ul

RT: 15.13 min Scan# 2092

Delta R.T. 0.01 min

Lab File: BG020299.D

Acq: 19 Dec 2015 6:48

Instrument :

BNA_G

ClientSampleId :

D9N43

Tot Ion:168 Resp: 1162859

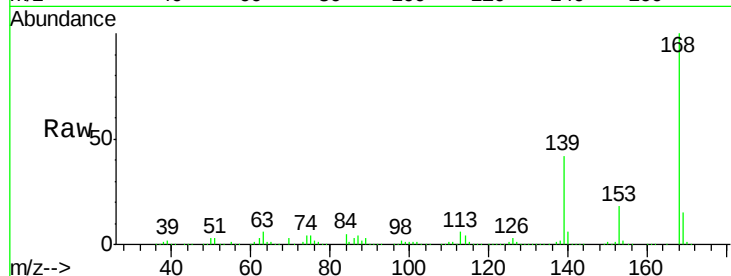
Ion Ratio Lower Upper

168 100

139 42.0 30.5 45.7

Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.13

800000

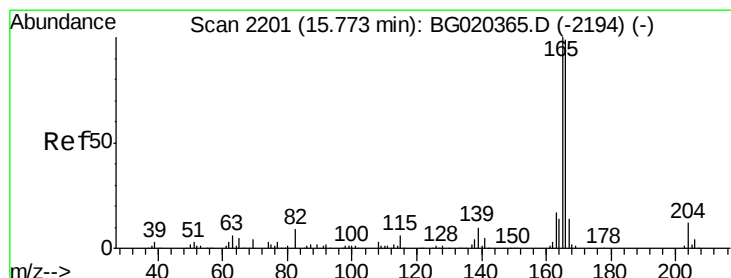
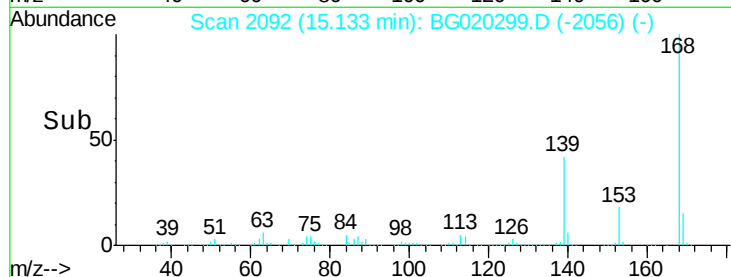
600000

400000

200000

0

Time-->



#59

Fluorene

Concen: 198.99 ng/ul

RT: 15.78 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BG020299.D

Acq: 19 Dec 2015 6:48

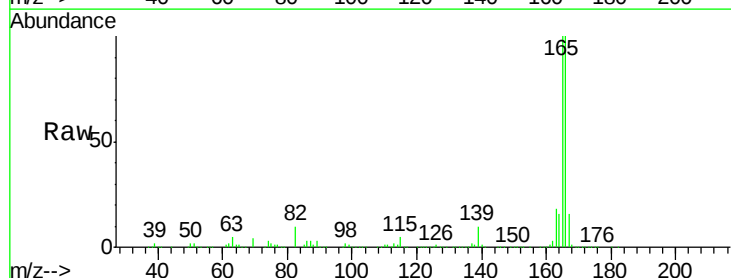
Tgt Ion:166 Resp: 945034

Ion Ratio Lower Upper

166 100

165 100.5 81.4 122.0

167 16.0 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

15.78

800000

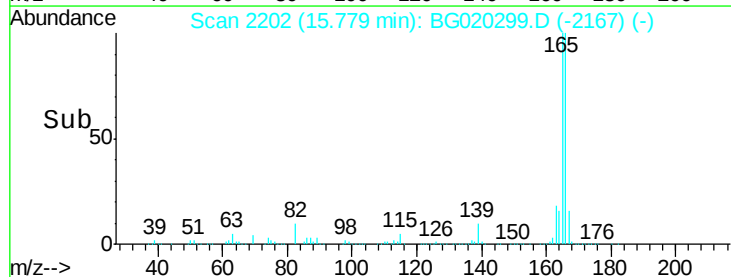
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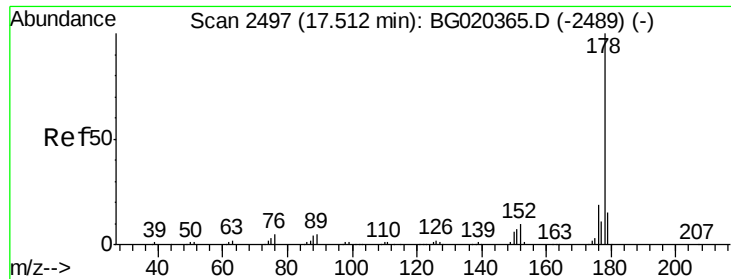
400000

200000

0

Time-->





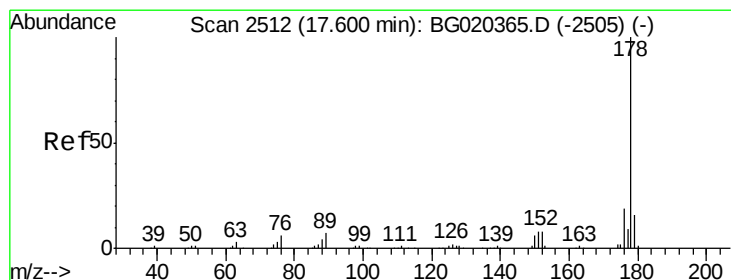
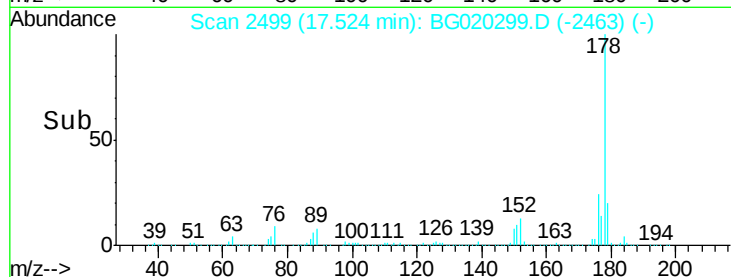
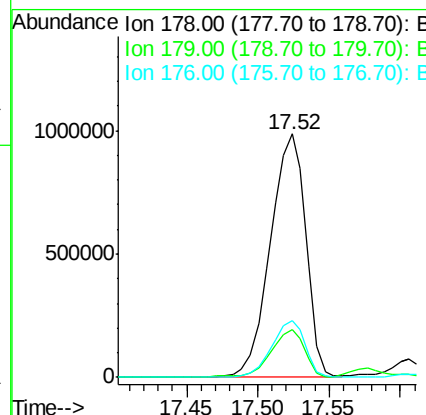
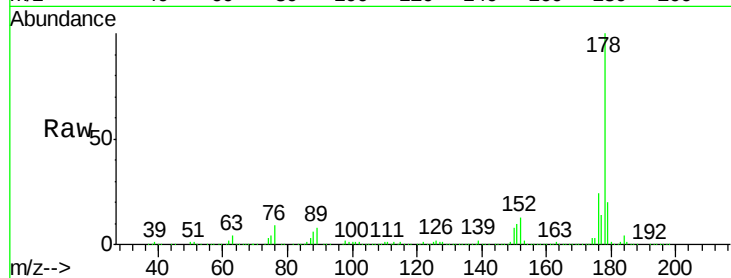
#70
Phenanthrene
Concen: 220.50 ng/ul m
RT: 17.52 min Scan# 2499
Delta R.T. 0.01 min
Lab File: BG020299.D
Acq: 19 Dec 2015 6:48

Instrument :
BNA_G
ClientSampled :
D9N43

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.9	19.3#
176	23.5	15.3	22.9#

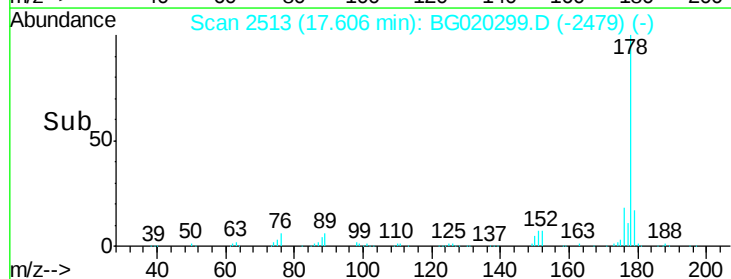
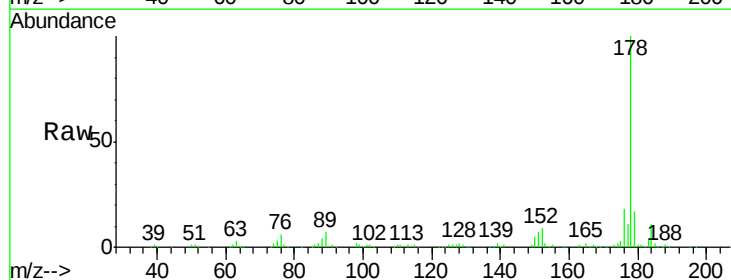
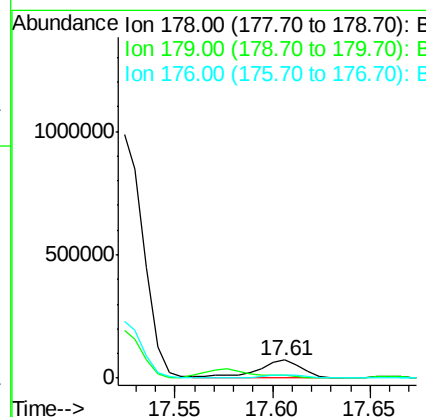
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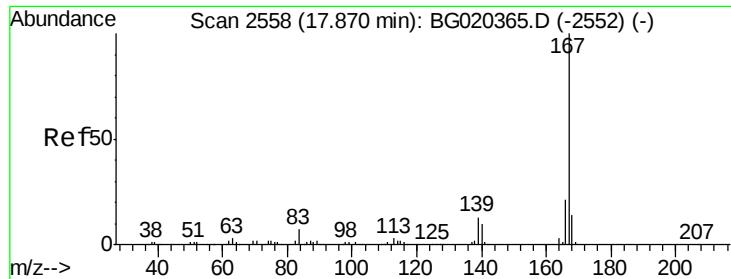
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#72
Anthracene
Concen: 14.93 ng/ul
RT: 17.61 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG020299.D
Acq: 19 Dec 2015 6:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.3	18.5
176	18.0	14.3	21.5





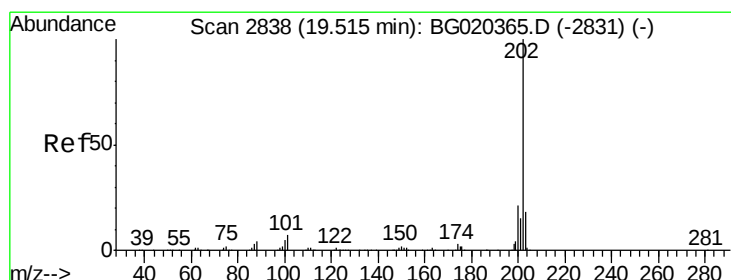
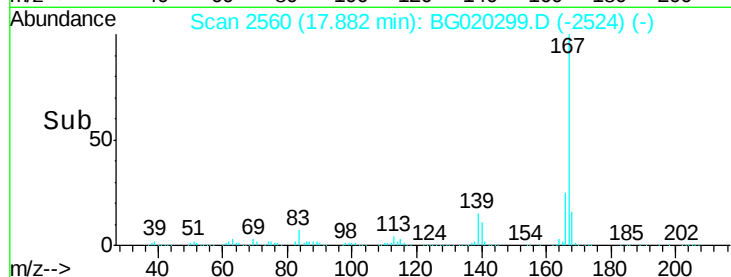
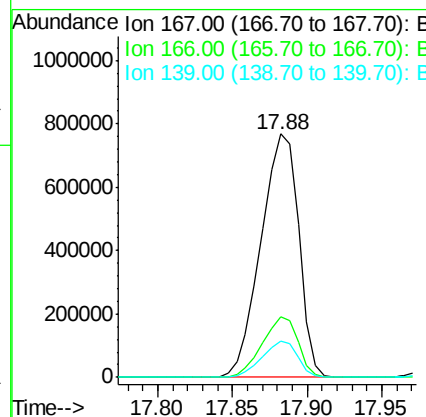
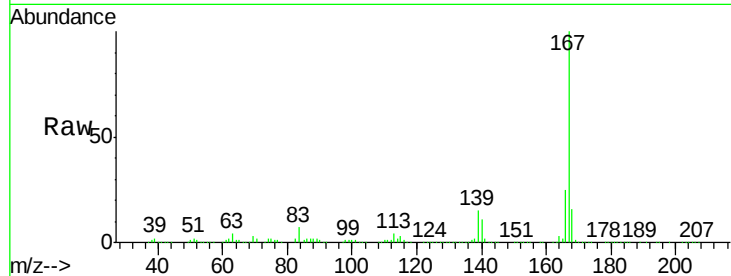
#75
 Carbazole
 Concen: 203.48 ng/ul
 RT: 17.88 min Scan# 2560
 Delta R.T. 0.01 min
 Lab File: BG020299.D
 Acq: 19 Dec 2015 6:48

Instrument :
 BNA_G
 ClientSampleID :
 D9N43

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	25.0	17.0	25.6	
139	14.8	10.1	15.1	

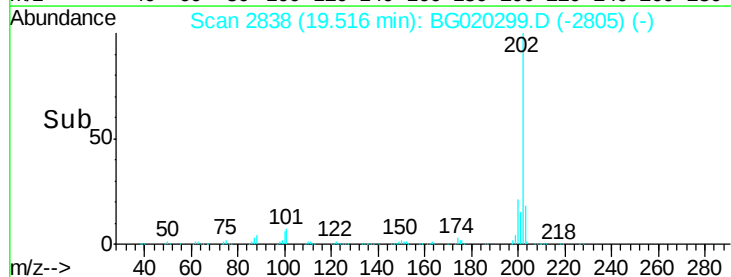
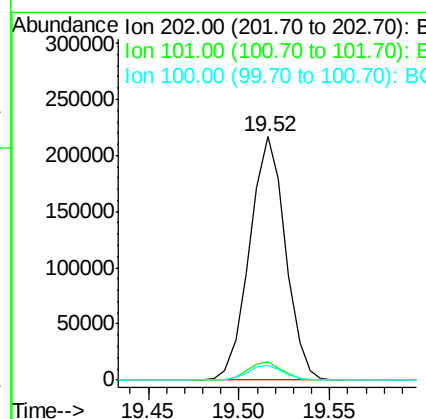
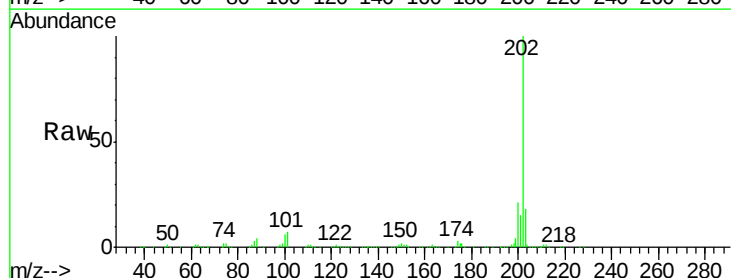
Manual Integrations
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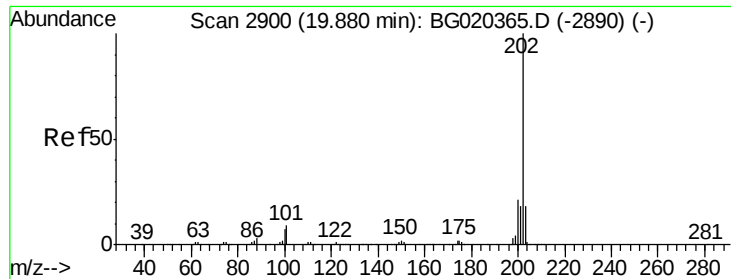
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#77
 Fluoranthene
 Concen: 32.72 ng/ul
 RT: 19.52 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BG020299.D
 Acq: 19 Dec 2015 6:48

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	7.5	6.2	9.4	
100	5.9	5.1	7.7	





#80
 Pvrene
 Concen: 15.24 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BG020299.D
 Acq: 19 Dec 2015 6:48

Instrument :
 BNA_G
 ClientSampleId :
 D9N43

Tot Ion:	202	Resp:	172644
Ion Ratio	Lower	Upper	
202	100		
101	7.9	7.0	10.4
100	6.7	6.4	9.6

Manual Integrations
 APPROVED

apatel
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