

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020298.D
 Acq On : 19 Dec 2015 6:09
 Operator : UM/SJ
 Sample : G4768-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N42

Manual Integrations
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apatel
 12/22/2015 12:36:37 PM

Quant Time: Dec 20 03:48:13 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	17083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	75020	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	52265	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	128329	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	174410	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	162104	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	360	1.16	ng/uL	0.00
5) Phenol-d5	7.24	99	13547	8.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	31119	34.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	33059	30.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	24520	19.03	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	21510	36.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	24298	37.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	43485	32.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	773	0.52	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	150744	35.66	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	176253	35.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	6979	9.20	ng/ul	0.00
58) Fluorene-d10	15.71	176	134370	35.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	24436	32.12	ng/ul	0.00
71) Anthracene-d10	17.57	188	216150	36.55	ng/ul	0.00
79) Pyrene-d10	19.85	212	267085	32.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	299700	37.07	ng/ul	0.00

Target Compounds

						Ovalue
11) 2-Methylphenol	8.53	108	1622	1.32	ng/ul	96
16) 4-Methylphenol	8.86	108	3209	2.36	ng/ul#	78
24) 2,4-Dimethylphenol	10.07	107	5165m	3.26	ng/ul	
28) Naphthalene	10.98	128	2691634	687.05	ng/ul#	86
34) 2-Methylnaphthalene	12.56	142	386021	129.00	ng/ul	99
35) 1-Methylnaphthalene	12.78	142	249508	86.73	ng/ul	97
41) 1,1'-Biphenyl	13.56	154	162022	41.09	ng/ul	96
48) Acenaphthylene	14.45	152	90631	17.34	ng/ul	98
50) Acenaphthene	14.80	153	737099	209.65	ng/ul	97
54) Dibenzofuran	15.13	168	532026	101.72	ng/ul	100
59) Fluorene	15.78	166	478295	113.88	ng/ul	99
70) Phenanthrene	17.52	178	1243261	177.12	ng/ul	95
72) Anthracene	17.60	178	82831	11.63	ng/ul	98
75) Carbazole	17.88	167	936097	156.48	ng/ul	96
77) Fluoranthene	19.52	202	353137	43.05	ng/ul	97
80) Pyrene	19.88	202	212015	20.08	ng/ul	99
83) Benzo(a)anthracene	21.72	228	10465	1.03	ng/ul	96

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

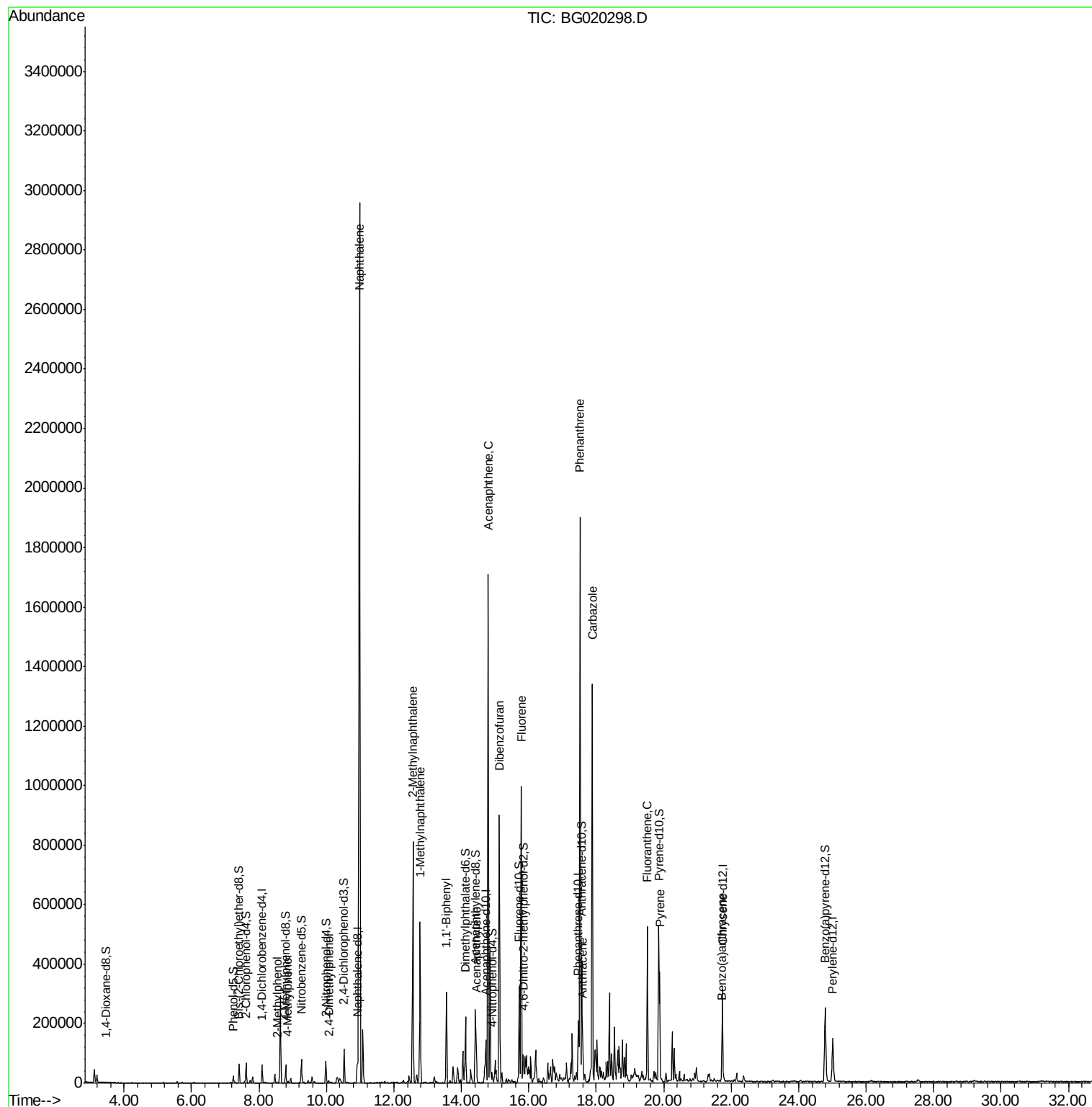
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020298.D
Acq On : 19 Dec 2015 6:09
Operator : UM/SJ
Sample : G4768-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

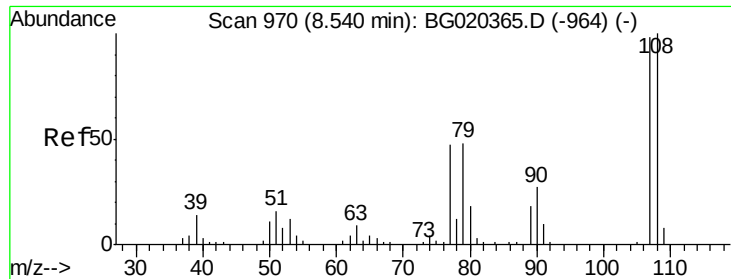
Instrument :
BNA_G
ClientSampleId :
D9N42

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
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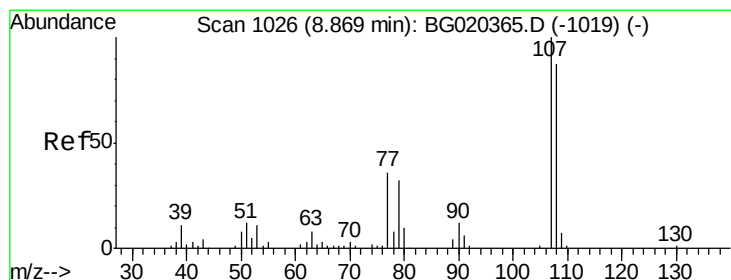
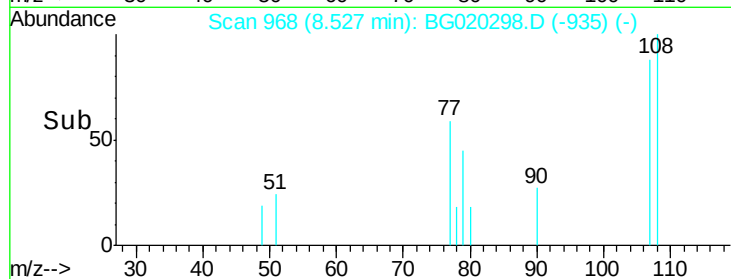
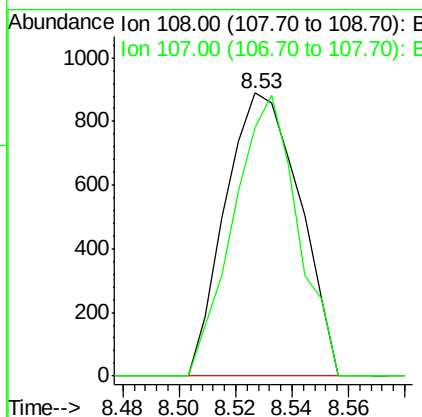
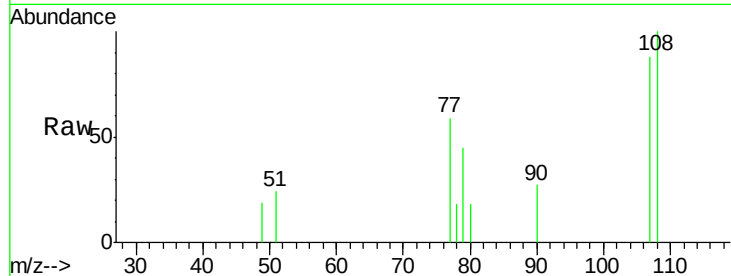
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2-Methylphenol
Concen: 1.32 ng/ul
RT: 8.53 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG020298.D
Acq: 19 Dec 2015 6:09

Instrument :
BNA_G
ClientSampleId :
D9N42

Tot Ion	Ratio	Lower	Upper
108	100		
107	87.9	67.5	101.3

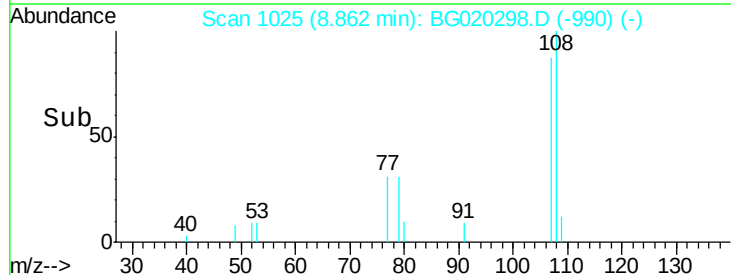
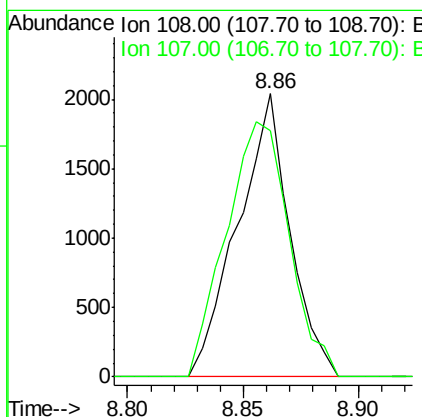
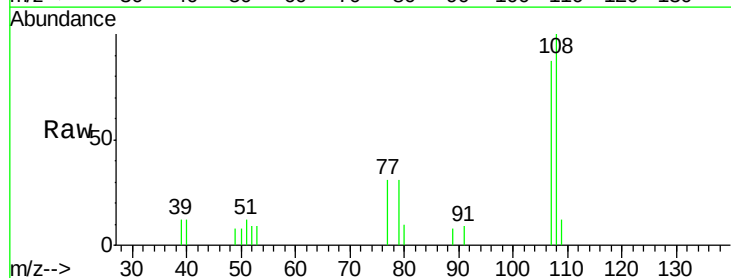
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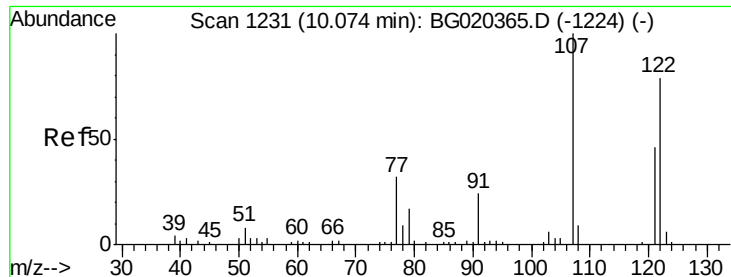
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#16
4-Methylphenol
Concen: 2.36 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BG020298.D
Acq: 19 Dec 2015 6:09

Tgt Ion	Ratio	Lower	Upper
108	100		
107	87.2	88.9	133.3#





#24

2,4-Dimethylphenol

Concen: 3.26 ng/ul m

RT: 10.07 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BG020298.D

Acq: 19 Dec 2015 6:09

Instrument :

BNA_G

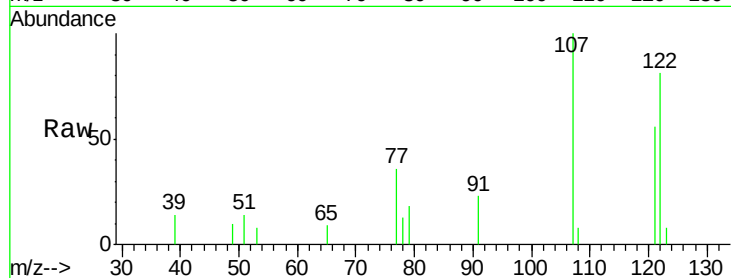
ClientSampleId :

D9N42

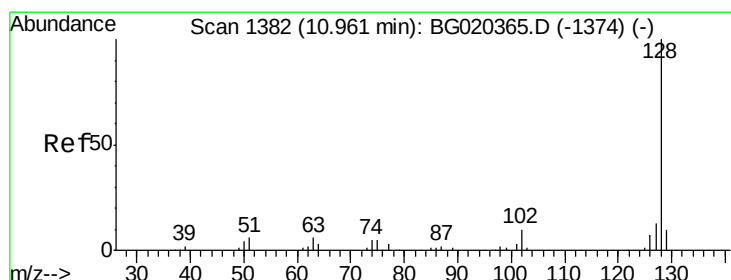
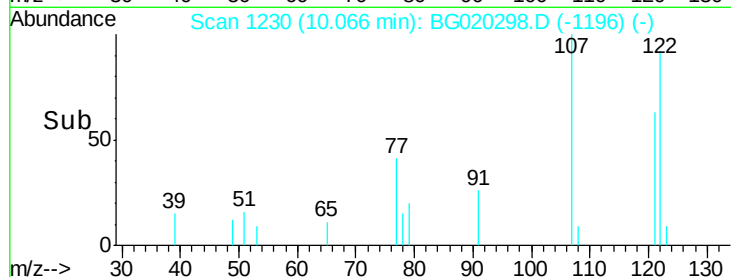
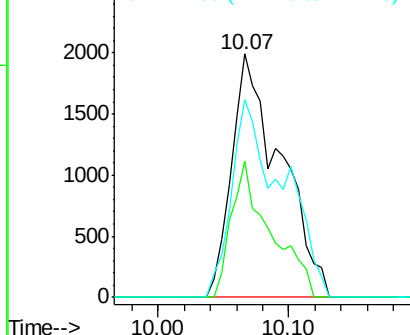
Tot Ion:	107	Resp:	5165
Ion Ratio	Lower	Upper	
107	100		
121	55.9	39.0	58.4
122	81.3	62.1	93.1

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 687.05 ng/ul

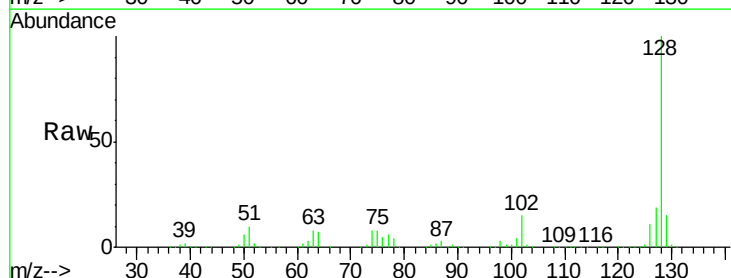
RT: 10.98 min Scan# 1386

Delta R.T. 0.02 min

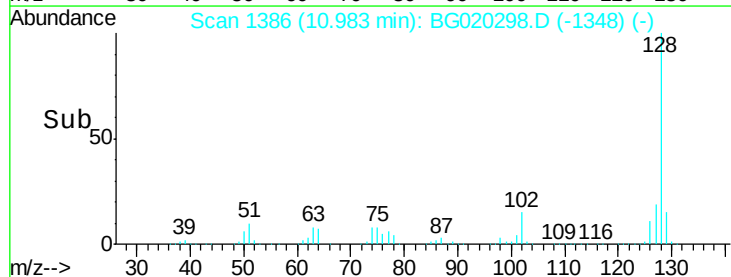
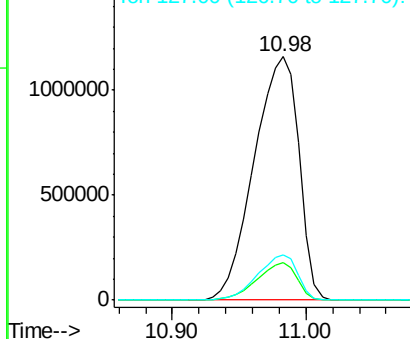
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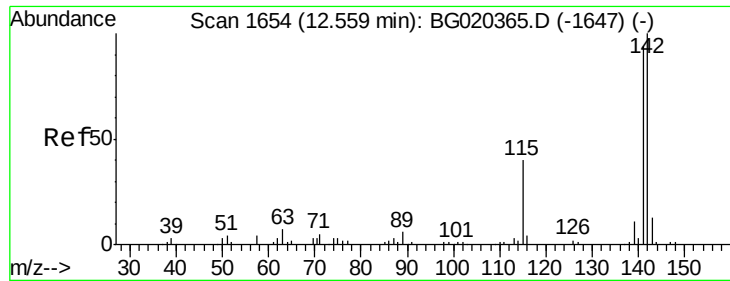
Acq: 19 Dec 2015 6:09

Tgt Ion:	128	Resp:	2691634
Ion Ratio	Lower	Upper	
128	100		
129	15.5	8.6	12.8#
127	18.7	10.1	15.1#



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





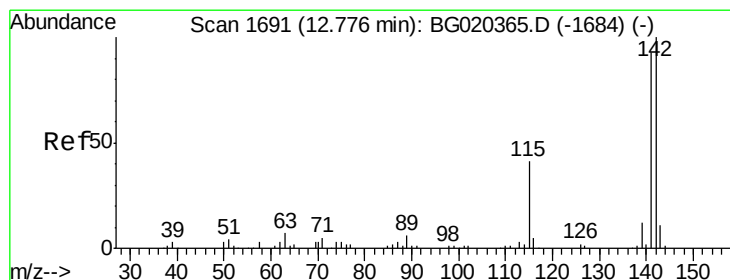
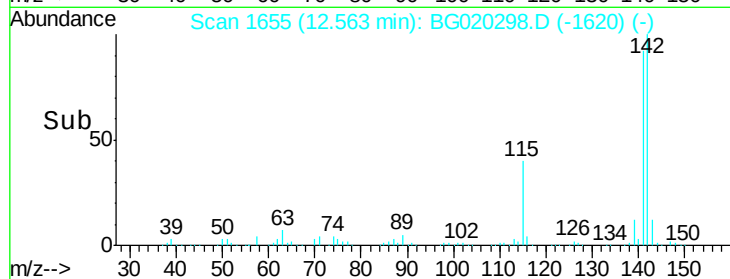
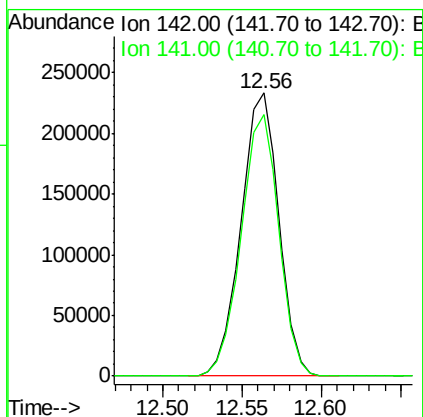
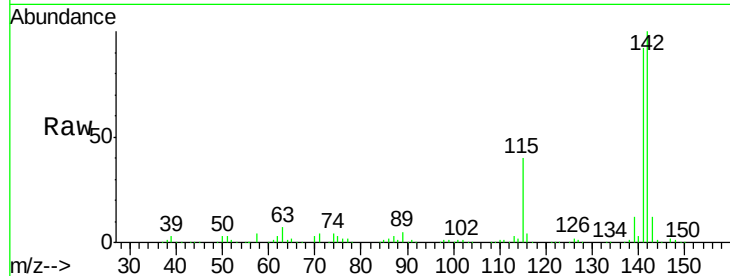
#34
2-Methylnaphthalene
Concen: 129.00 ng/ul
RT: 12.56 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BG020298.D
Acq: 19 Dec 2015 6:09

Instrument :
BNA_G
ClientSampleId :
D9N42

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.9	112.3

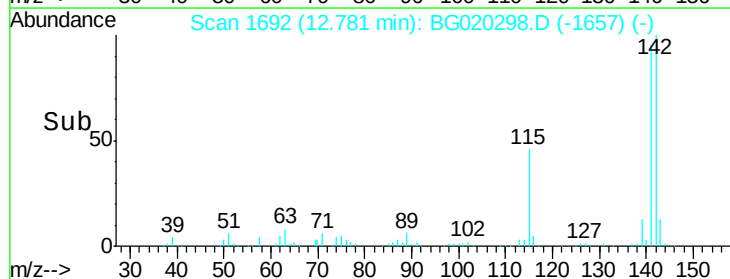
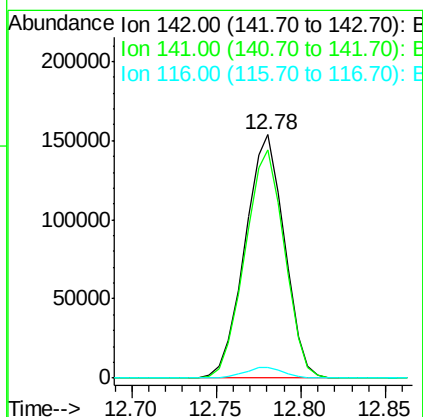
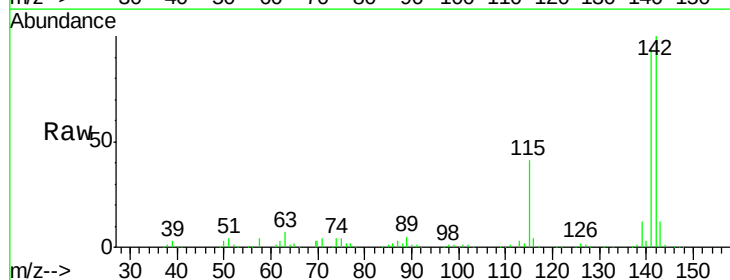
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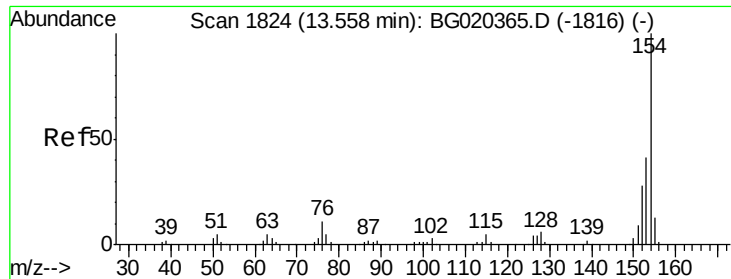
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#35
1-Methylnaphthalene
Concen: 86.73 ng/ul
RT: 12.78 min Scan# 1692
Delta R.T. 0.01 min
Lab File: BG020298.D
Acq: 19 Dec 2015 6:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.0	109.6
116	4.3	3.0	4.6





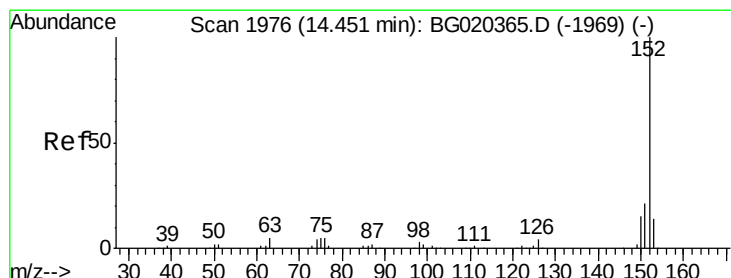
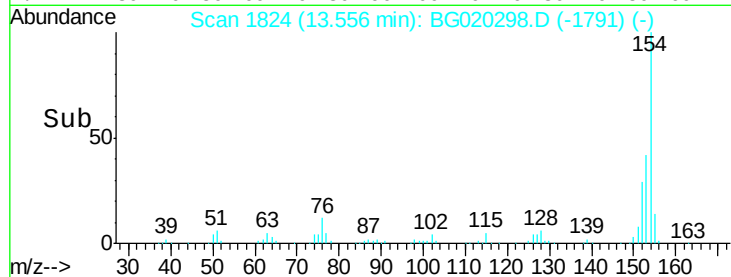
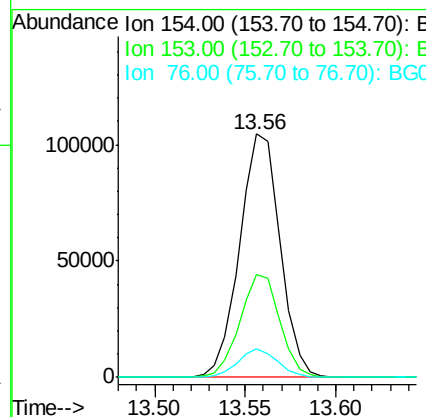
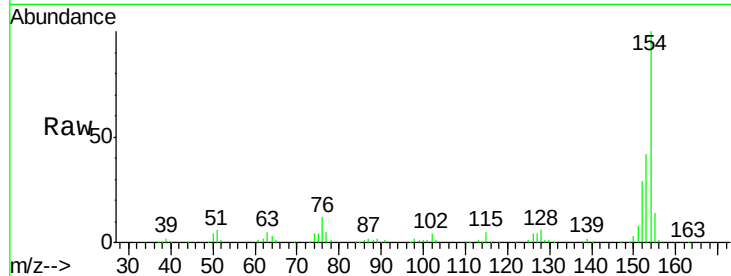
#41
 1,1'-Biphenyl
 Concen: 41.09 ng/ul
 RT: 13.56 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG020298.D
 Acq: 19 Dec 2015 6:09

Instrument :
 BNA_G
 ClientSampleId :
 D9N42

Tot Ion:	154	Resp:	162022
Ion Ratio	Lower	Upper	
154	100		
153	42.0	35.5	53.3
76	11.5	10.4	15.6

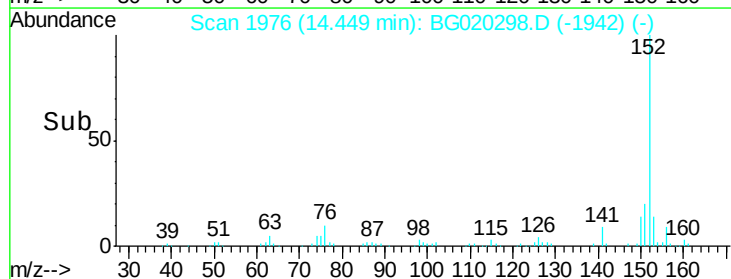
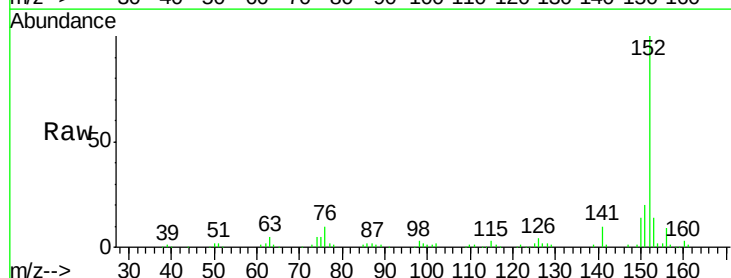
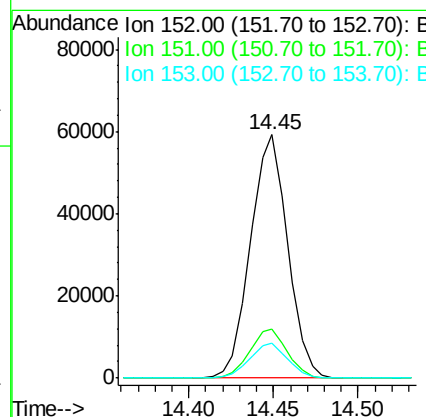
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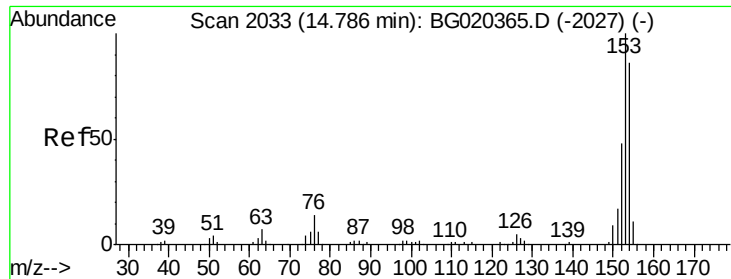
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#48
 Acenaphthylene
 Concen: 17.34 ng/ul
 RT: 14.45 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG020298.D
 Acq: 19 Dec 2015 6:09

Tgt Ion:	152	Resp:	90631
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.4	24.6
153	14.2	10.4	15.6





#50

Acenaphthene

Concen: 209.65 ng/ul

RT: 14.80 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BG020298.D

Acq: 19 Dec 2015 6:09

Instrument :

BNA_G

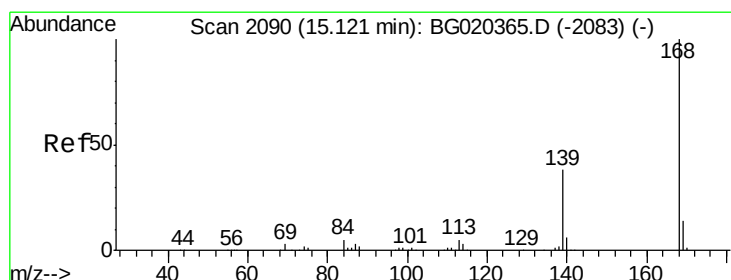
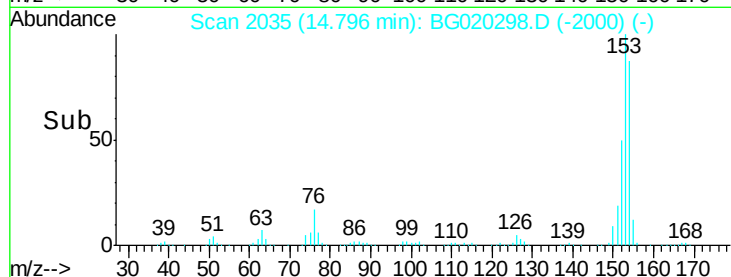
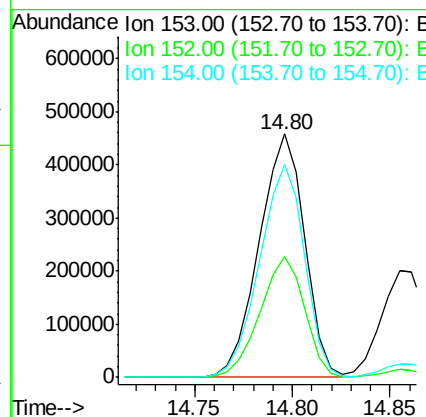
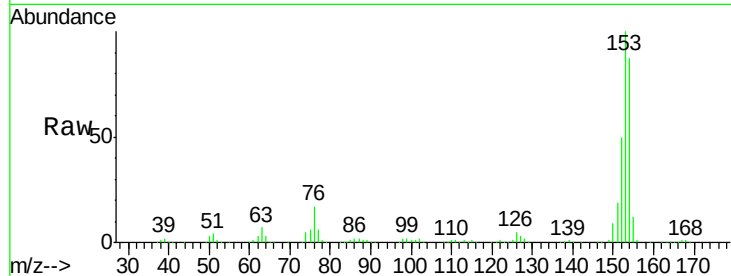
ClientSampleId :

D9N42

Tot Ion:	153	Resp:	737099
Ion Ratio	Lower	Upper	
153	100		
152	49.5	37.6	56.4
154	87.5	67.9	101.9

Manual Integrations
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#54

Dibenzofuran

Concen: 101.72 ng/ul

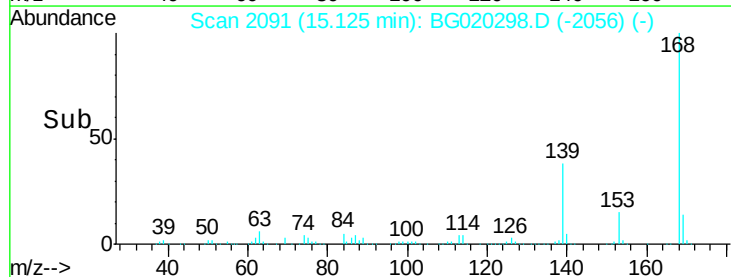
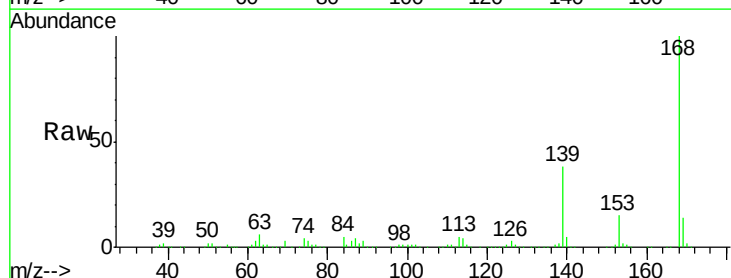
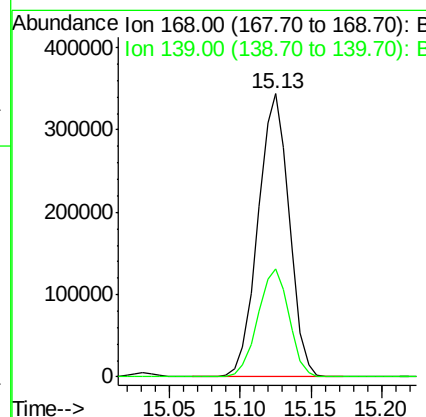
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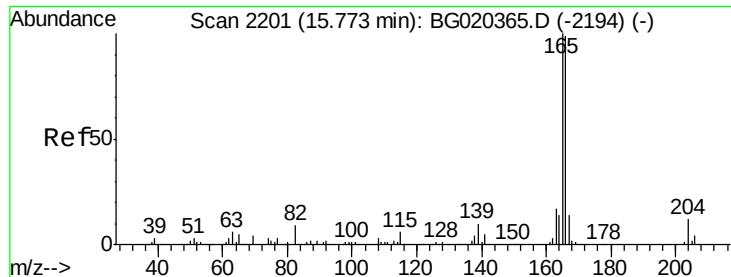
Delta R.T. 0.01 min

Lab File: BG020298.D

Acq: 19 Dec 2015 6:09

Tgt Ion:	168	Resp:	532026
Ion Ratio	Lower	Upper	
168	100		
139	38.2	30.5	45.7





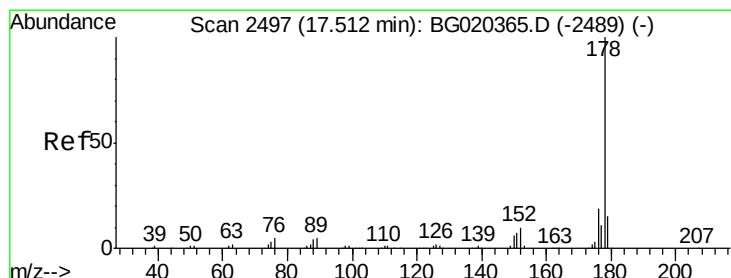
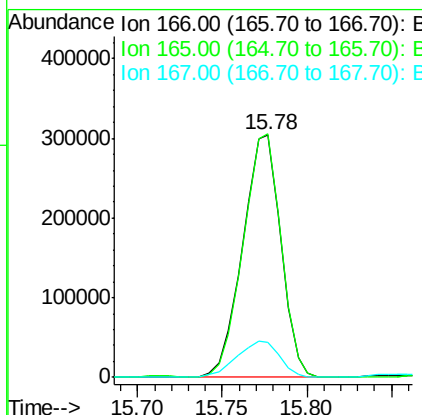
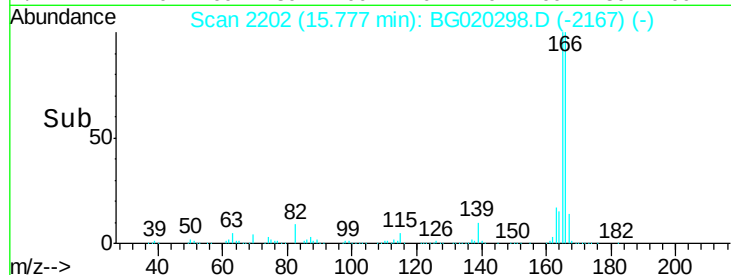
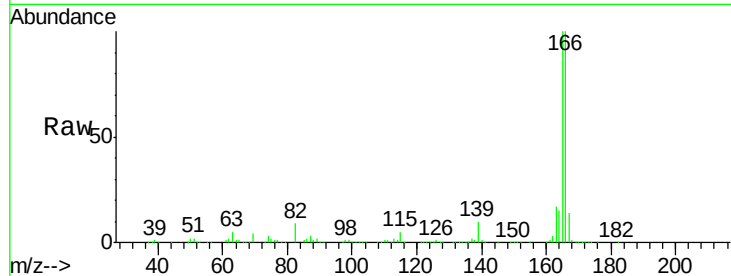
#59
 Fluorene
 Concen: 113.88 ng/ul
 RT: 15.78 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: BG020298.D
 Acq: 19 Dec 2015 6:09

Instrument :
 BNA_G
 ClientSampleId :
 D9N42

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.3	81.4	122.0	
167	14.4	11.2	16.8	

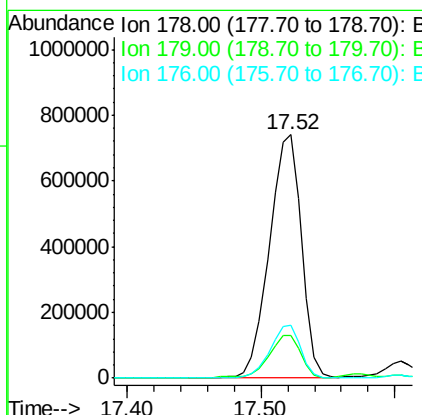
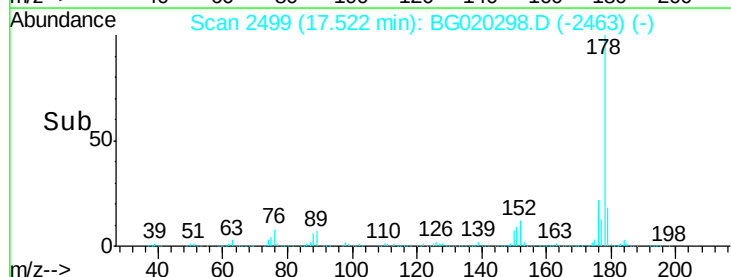
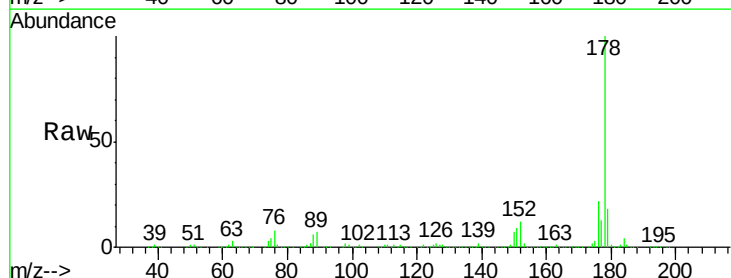
Manual Integrations
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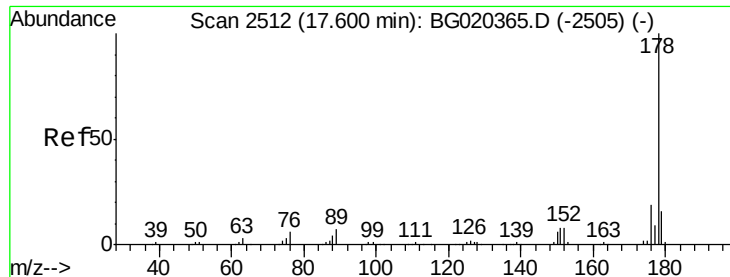
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#70
 Phenanthrene
 Concen: 177.12 ng/ul
 RT: 17.52 min Scan# 2499
 Delta R.T. 0.01 min
 Lab File: BG020298.D
 Acq: 19 Dec 2015 6:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
179	17.7	12.9	19.3	
176	21.8	15.3	22.9	





#72

Anthracene

Concen: 11.63 ng/ul

RT: 17.60 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG020298.D

Acq: 19 Dec 2015 6:09

Instrument :

BNA_G

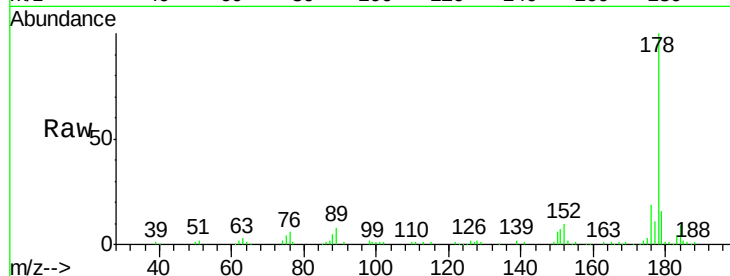
ClientSampled :

D9N42

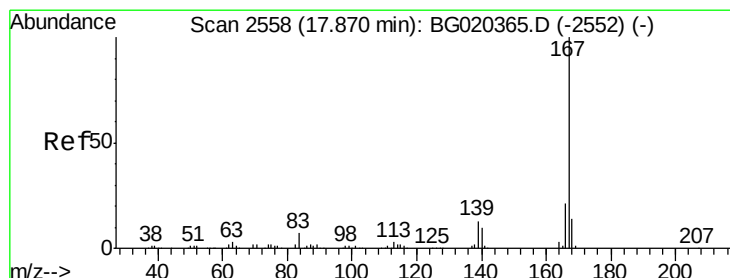
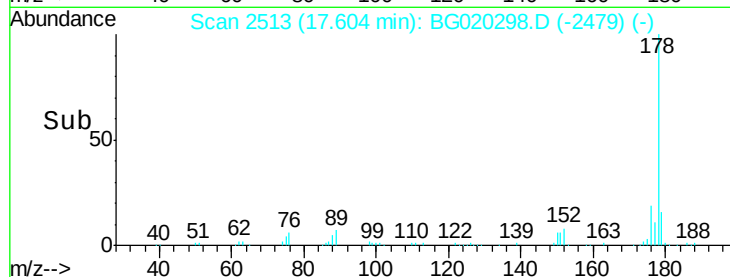
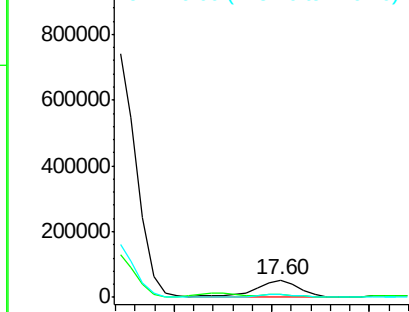
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Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	19.2	14.3	21.5

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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: 156.48 ng/ul

RT: 17.88 min Scan# 2560

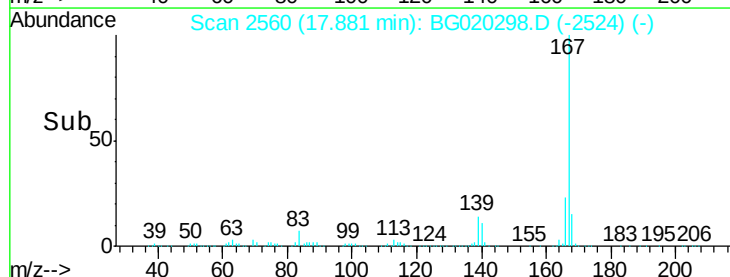
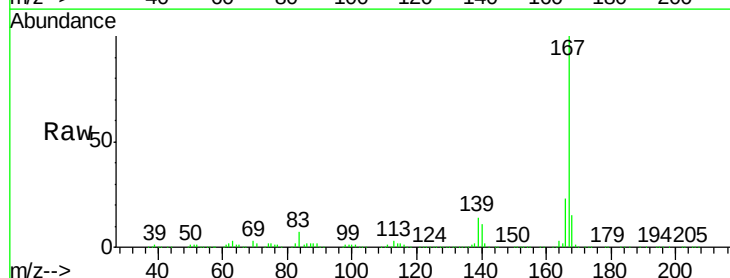
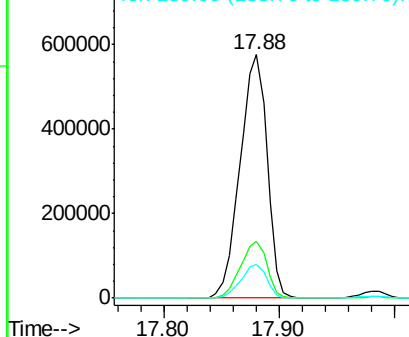
Delta R.T. 0.01 min

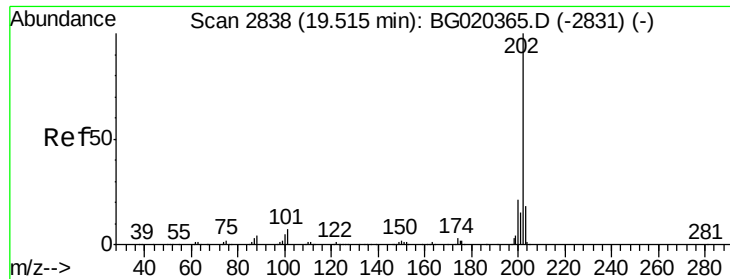
Lab File: BG020298.D

Acq: 19 Dec 2015 6:09

Tgt Ion:	167	Resp:	936097
Ion Ratio	Lower	Upper	
167	100		
166	23.4	17.0	25.6
139	13.8	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





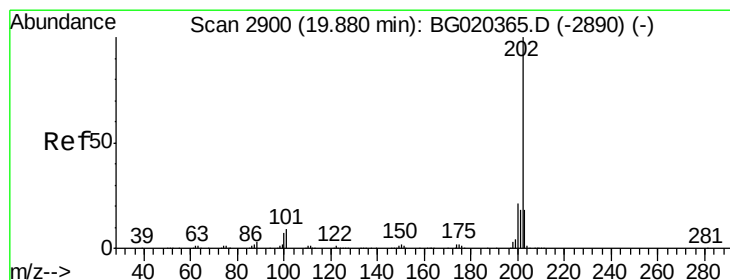
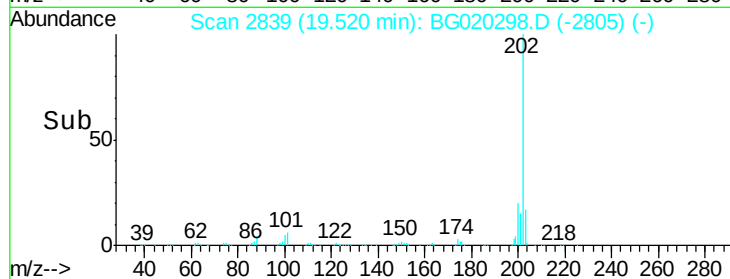
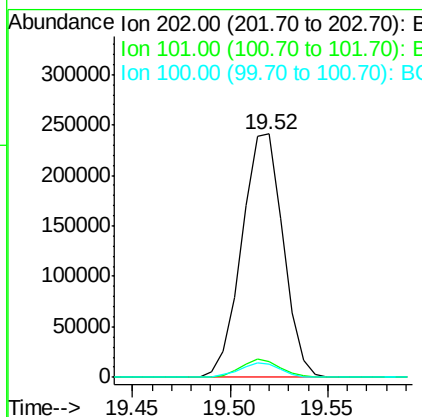
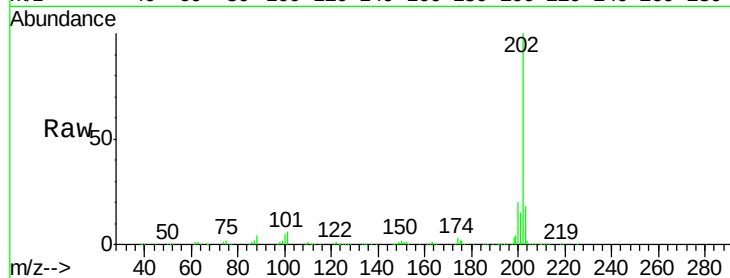
#77
Fluoranthene
Concen: 43.05 ng/ul
RT: 19.52 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BG020298.D
Acq: 19 Dec 2015 6:09

Instrument :
BNA_G
ClientSampleId :
D9N42

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.5	6.2	9.4
100	5.4	5.1	7.7

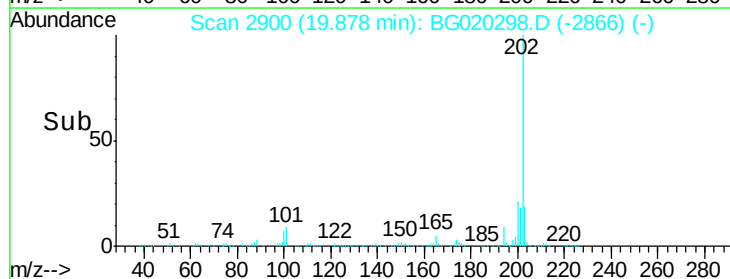
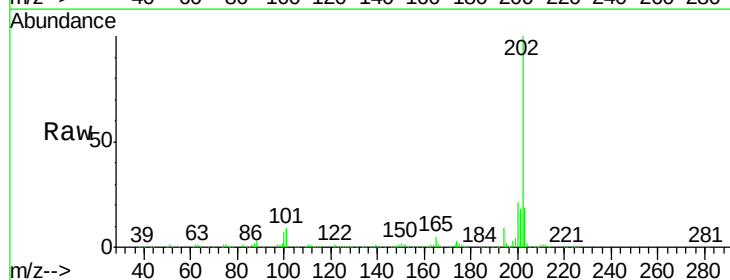
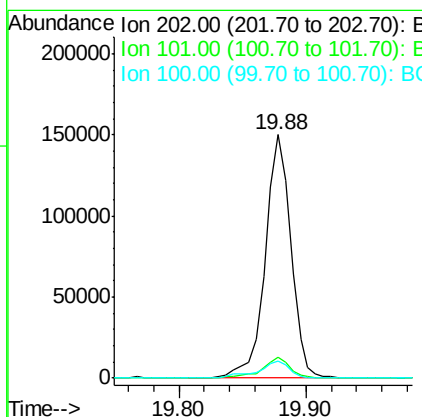
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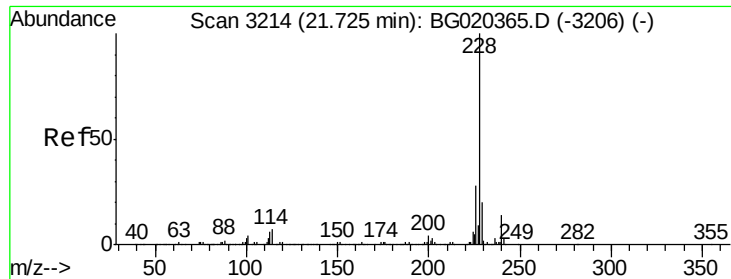
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#80
Pyrene
Concen: 20.08 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BG020298.D
Acq: 19 Dec 2015 6:09

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	7.0	10.4
100	7.2	6.4	9.6





#83
 Benzo(a)anthracene
 Concen: 1.03 ng/ul
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BG020298.D
 Acq: 19 Dec 2015 6:09

Instrument :
 BNA_G
 ClientSampleId :
 D9N42

Tot Ion:	228	Resp:	10465
Ion Ratio	Lower	Upper	
228	100		
229	23.1	15.8	23.8
226	26.6	21.8	32.6

Manual Integrations
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