

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
 Data File : BG019306.D
 Acq On : 22 Oct 2015 7:28
 Operator : UM/NP
 Sample : G3996-18RXDL 25X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 E5LK7RXDL

Manual Integrations
 APPROVED

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 10/22/2015 4:56:04 PM

Quant Time: Oct 22 10:41:40 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	20740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	92717	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.64	164	64155	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.39	188	129019	20.00	ng/ul	0.01
78) Chrysene-d12	21.65	240	147563	20.00	ng/ul	0.01
86) Perylene-d12	24.87	264	150912	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.20	99	1166	0.64	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.32	67	796	0.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	898	0.68	ng/ul	0.02
13) 4-Methylphenol-d8	8.73	113	980	0.64	ng/ul	0.03
19) Nitrobenzene-d5	9.17	128	791	1.11	ng/ul	0.01
22) 2-Nitrophenol-d4	9.89	143	555	0.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	1261	0.84	ng/ul	0.03
29) 4-Chloroaniline-d4	10.97	131	15567m	8.05	ng/ul	0.04
44) Dimethylphthalate-d6	14.04	166	4020	0.72	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	5007	0.83	ng/ul	0.01
52) 4-Nitrophenol-d4	14.85	143	101	0.10	ng/ul	0.00
58) Fluorene-d10	15.63	176	4809	1.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	590	0.74	ng/ul	0.01
71) Anthracene-d10	17.48	188	5207	0.85	ng/ul	0.01
79) Pyrene-d10	19.77	212	5100	0.76	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.64	264	6570	0.86	ng/ul	0.04

Target Compounds

						Ovalue
6) Phenol	7.22	94	40337	21.40	ng/ul#	76
11) 2-Methylphenol	8.47	108	65660	44.38	ng/ul	99
14) Acetophenone	8.83	105	14236	5.50	ng/ul#	1
16) 4-Methylphenol	8.81	108	134345	80.94	ng/ul	95
24) 2,4-Dimethylphenol	10.03	107	129792m	66.50	ng/ul	
28) Naphthalene	10.86	128	97928	20.21	ng/ul	99
34) 2-Methylnaphthalene	12.46	142	49761	12.95	ng/ul	96
35) 1-Methylnaphthalene	12.69	142	31993	8.50	ng/ul#	100
41) 1,1'-Biphenyl	13.47	154	15385	3.07	ng/ul	93
50) Acenaphthene	14.70	153	4675	1.04	ng/ul#	86
54) Dibenzofuran	15.04	168	22131	3.50	ng/ul#	82
59) Fluorene	15.68	166	15852	2.93	ng/ul#	98
70) Phenanthrene	17.43	178	27100	3.76	ng/ul	94
77) Fluoranthene	19.43	202	9597	1.06	ng/ul#	96
80) Pyrene	19.80	202	9281	1.06	ng/ul	96

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

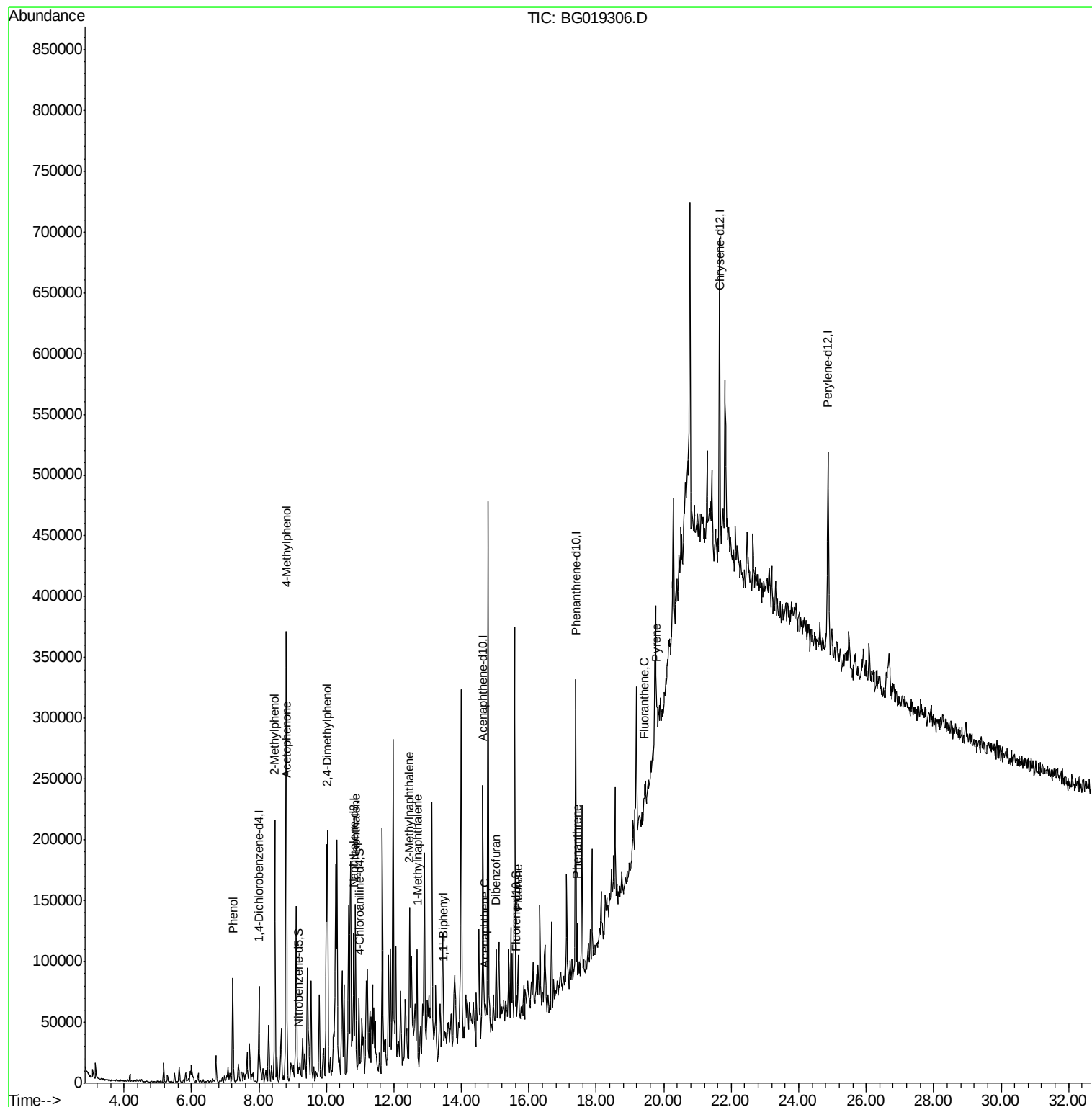
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

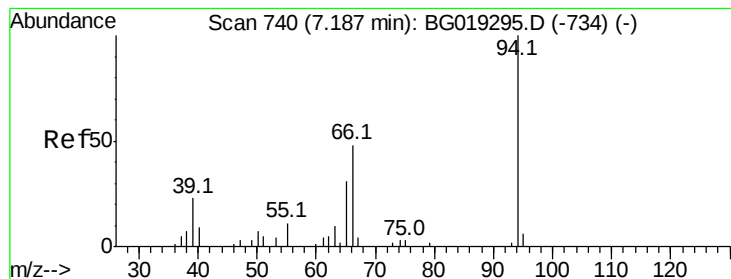
Instrument :
BNA_G
ClientSampleId :
E5LK7RXDL

Manual Integrations
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Quant Time: Oct 22 10:41:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration





#6

Phenol

Concen: 21.40 ng/ul

RT: 7.22 min Scan# 746

Delta R.T. 0.03 min

Lab File: BG019306.D

Acq: 22 Oct 2015 7:28

Instrument :

BNA_G

ClientSampleId :

E5LK7RXDL

Tot Ion: 94 Resp: 40337

Ion Ratio Lower Upper

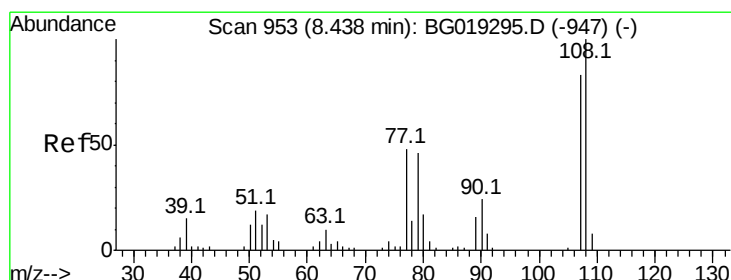
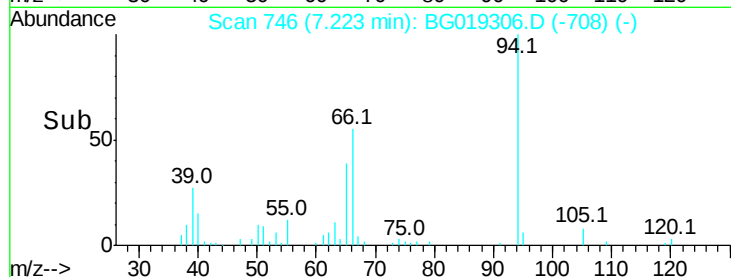
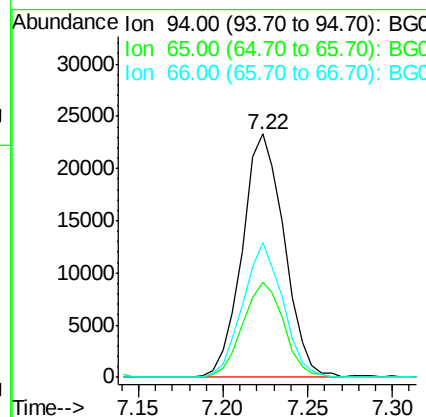
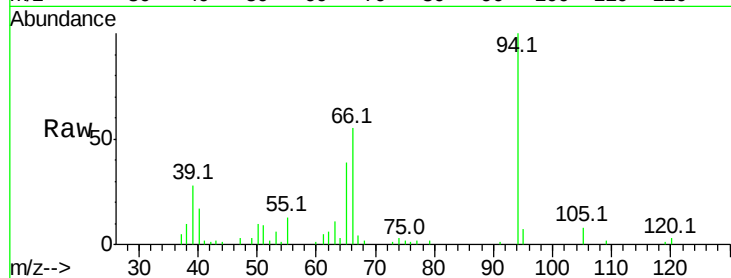
94 100

65 39.2 24.9 37.3#

66 55.4 29.1 43.7#

Manual Integrations
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#11

2-Methylphenol

Concen: 44.38 ng/ul

RT: 8.47 min Scan# 958

Delta R.T. 0.03 min

Lab File: BG019306.D

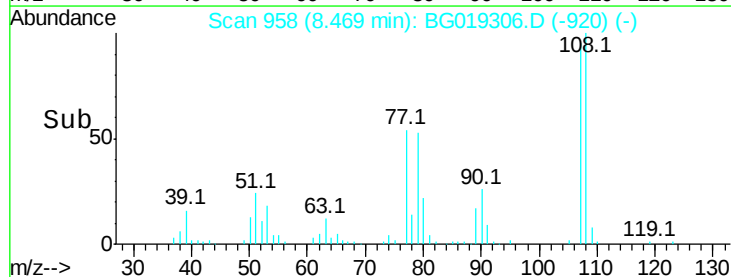
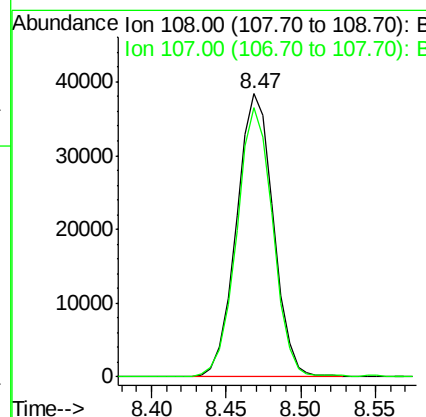
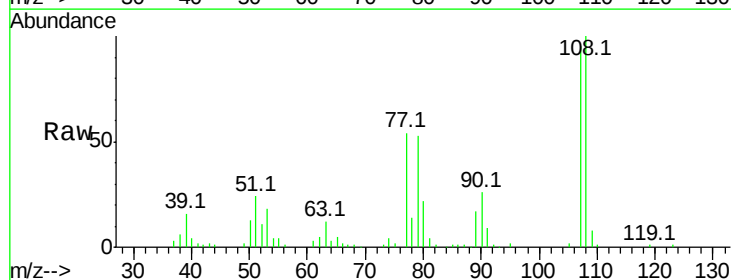
Acq: 22 Oct 2015 7:28

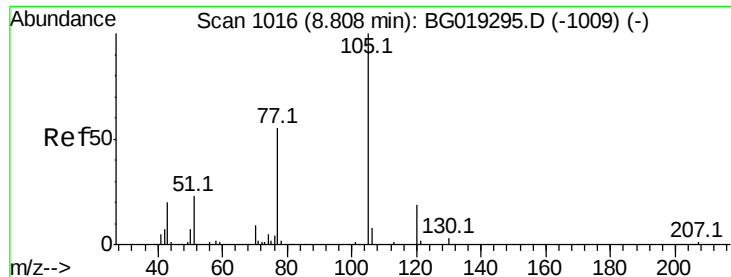
Tgt Ion: 108 Resp: 65660

Ion Ratio Lower Upper

108 100

107 95.1 76.7 115.1





#14

Acetophenone

Concen: 5.50 ng/ul

RT: 8.83 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BG019306.D

Acq: 22 Oct 2015 7:28

Instrument :

BNA_G

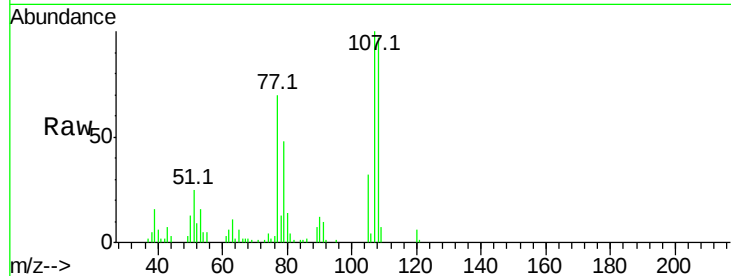
ClientSampleId :

E5LK7RXDL

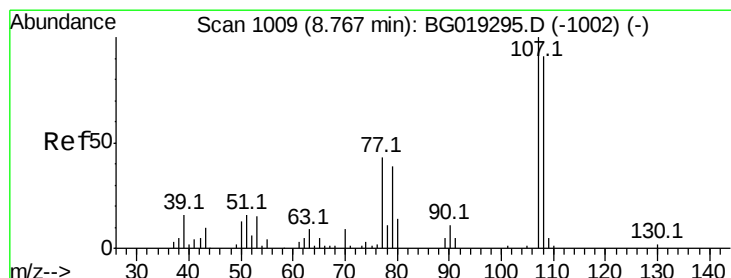
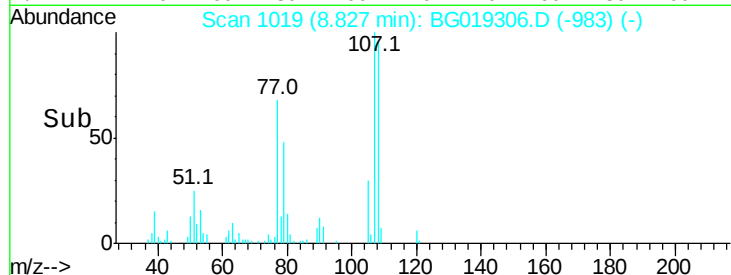
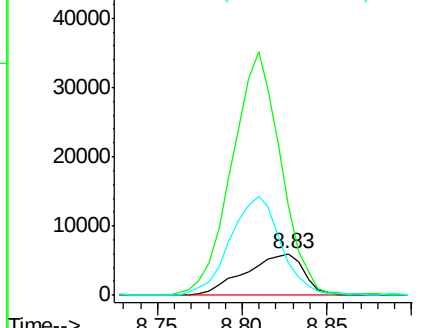
Tot Ion:	105	Resp:	14236
Ion Ratio	Lower	Upper	
105	100		
77	214.1	63.8	95.6#
51	77.0	26.1	39.1#

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Abundance Ion 105.00 (104.70 to 105.70): E



#16

4-Methylphenol

Concen: 80.94 ng/ul

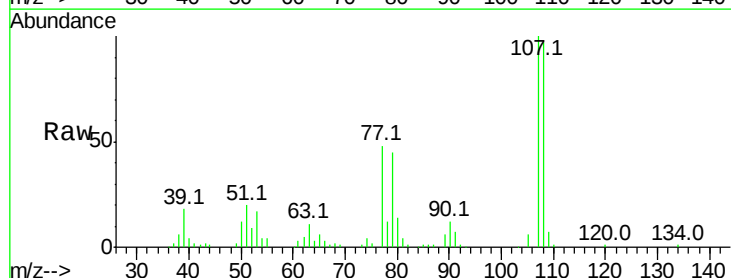
RT: 8.81 min Scan# 1016

Delta R.T. 0.03 min

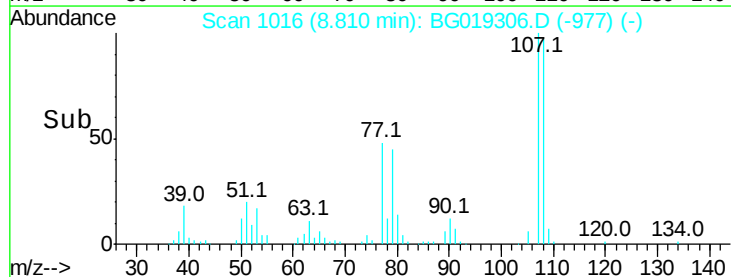
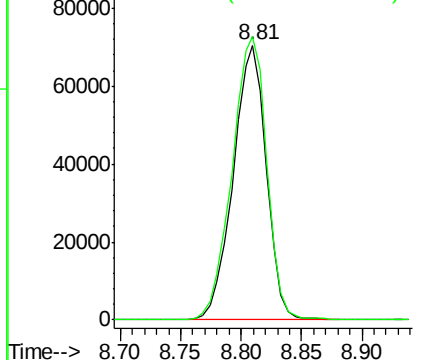
Lab File: BG019306.D

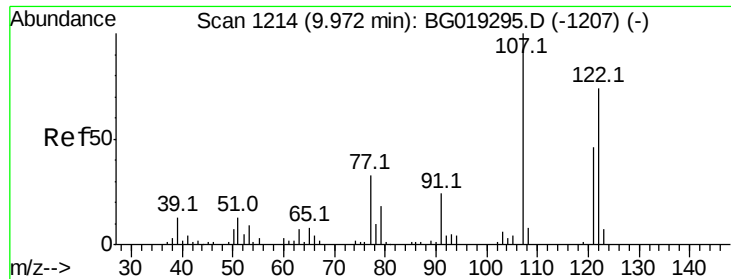
Acq: 22 Oct 2015 7:28

Tgt Ion:	108	Resp:	134345
Ion Ratio	Lower	Upper	
108	100		
107	102.9	86.6	130.0



Abundance Ion 108.00 (107.70 to 108.70): E





#24

2,4-Dimethylphenol

Concen: 66.50 ng/ul m

RT: 10.03 min Scan# 1224

Delta R.T. 0.06 min

Lab File: BG019306.D

Acq: 22 Oct 2015 7:28

Instrument :

BNA_G

ClientSampleId :

E5LK7RXDL

Tot Ion:107 Resp: 129792

Ion Ratio Lower Upper

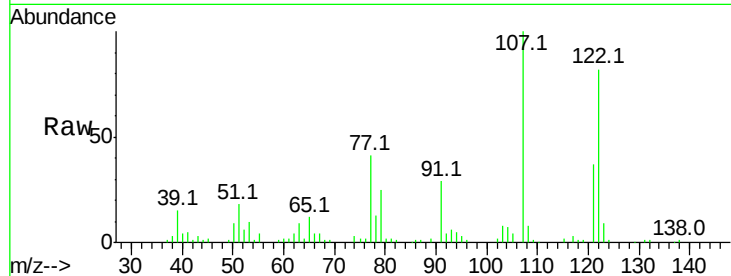
107 100

121 36.6 37.2 55.8#

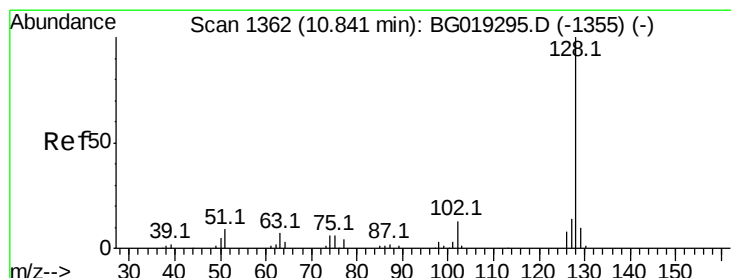
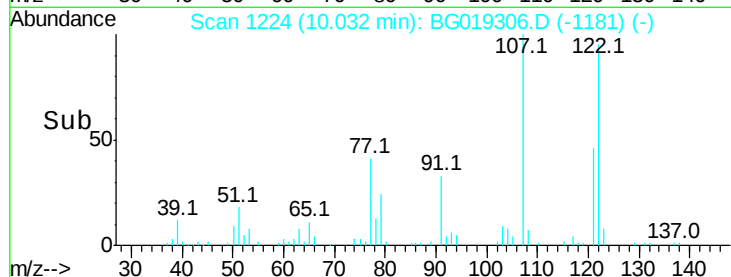
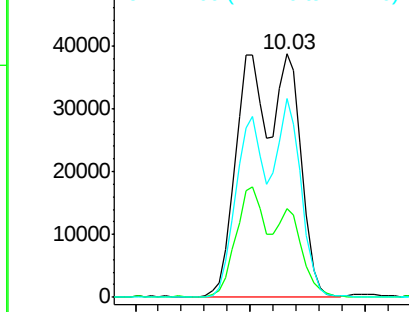
122 81.8 67.6 101.4

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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: 20.21 ng/ul

RT: 10.86 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BG019306.D

Acq: 22 Oct 2015 7:28

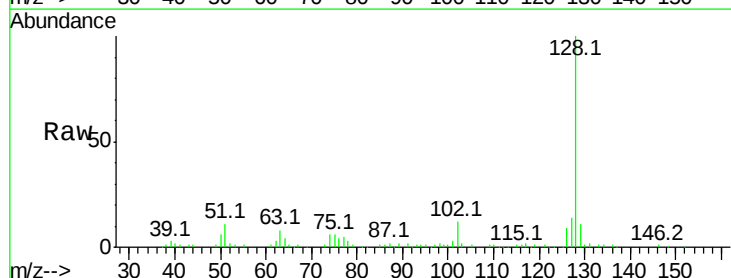
Tgt Ion:128 Resp: 97928

Ion Ratio Lower Upper

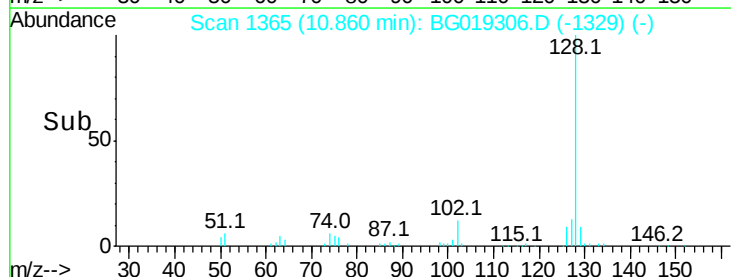
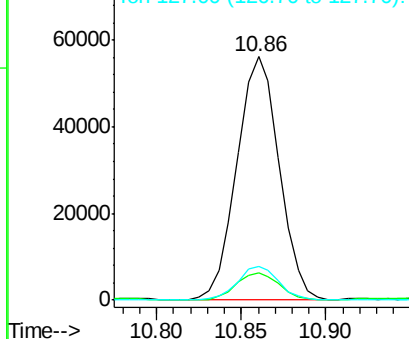
128 100

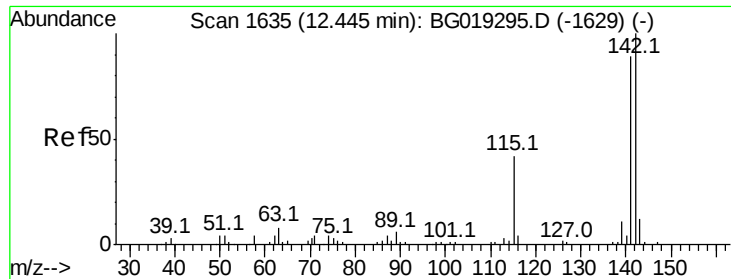
129 11.2 9.6 14.4

127 13.8 11.3 16.9



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





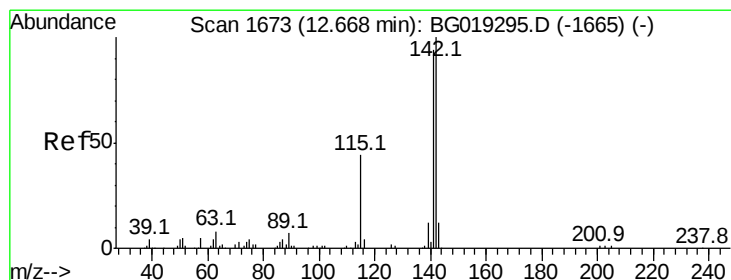
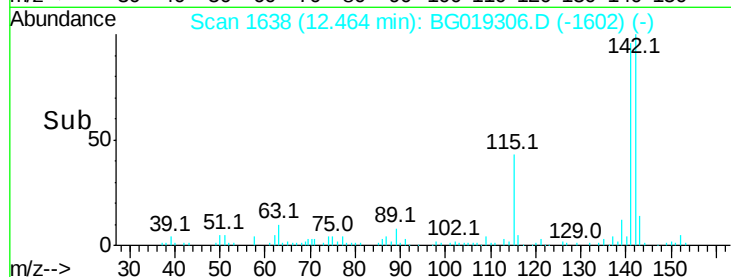
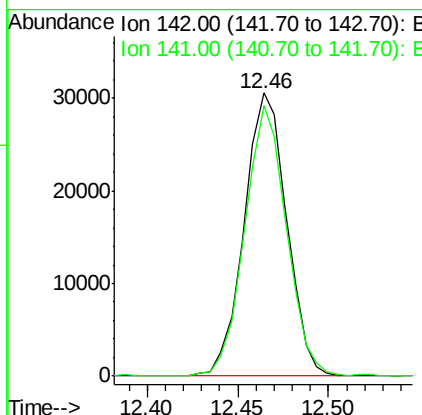
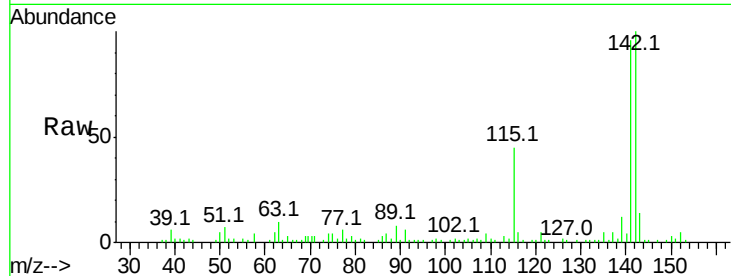
#34
2-Methylnaphthalene
Concen: 12.95 ng/ul
RT: 12.46 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BG019306.D
Acq: 22 Oct 2015 7:28

Instrument :
BNA_G
ClientSampleId :
E5LK7RXDL

Tot Ion:142 Resp: 49761
Ion Ratio Lower Upper
142 100
141 95.7 73.4 110.0

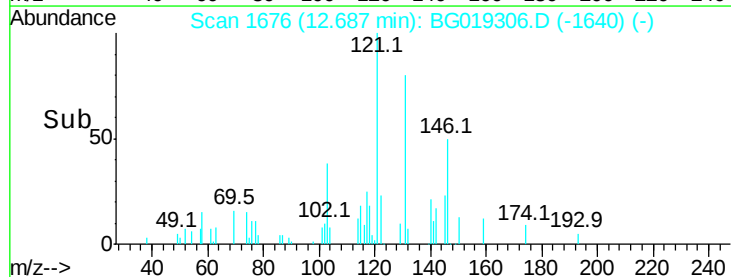
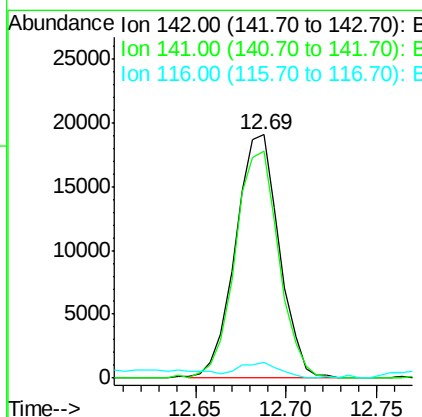
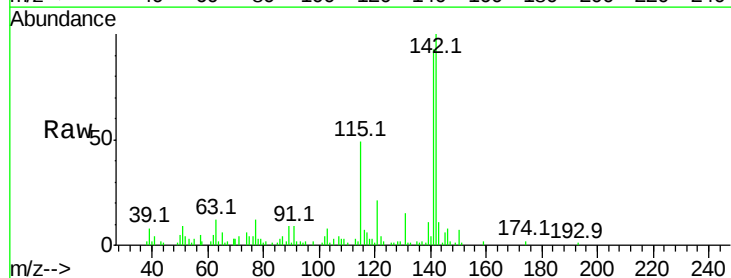
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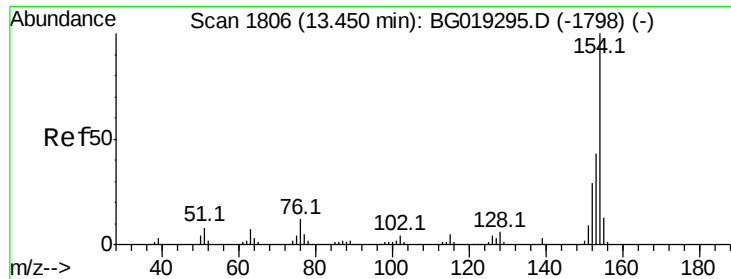
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#35
1-Methylnaphthalene
Concen: 8.50 ng/ul
RT: 12.69 min Scan# 1676
Delta R.T. 0.01 min
Lab File: BG019306.D
Acq: 22 Oct 2015 7:28

Tgt Ion:142 Resp: 31993
Ion Ratio Lower Upper
142 100
141 93.4 74.8 112.2
116 6.7 3.2 4.8#





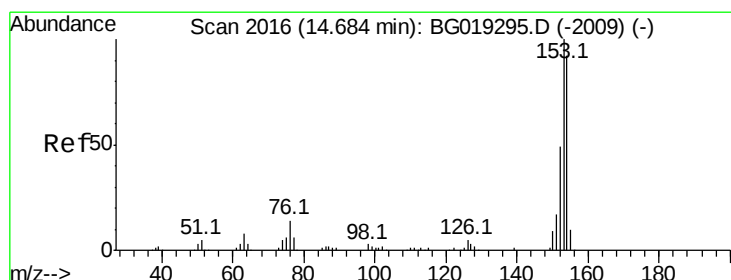
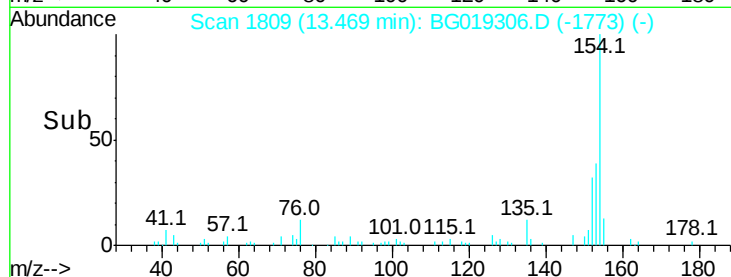
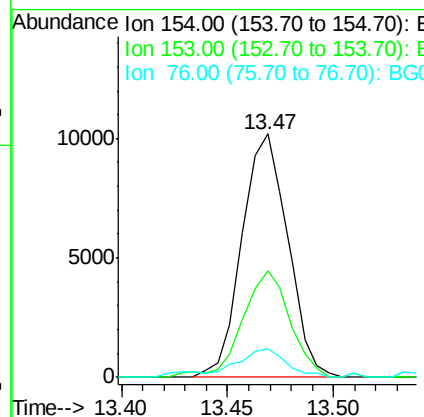
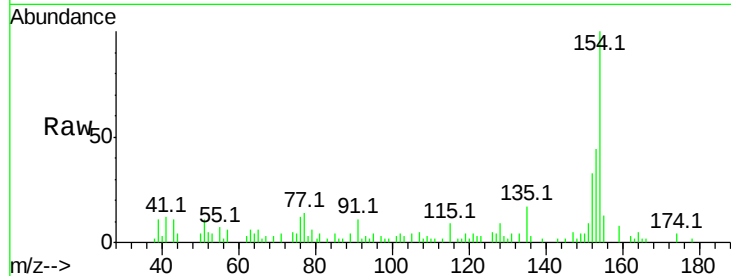
#41
 1,1'-Biphenyl
 Concen: 3.07 ng/ul
 RT: 13.47 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BG019306.D
 Acq: 22 Oct 2015 7:28

Instrument :
 BNA_G
 ClientSampled :
 E5LK7RXDL

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	43.7	31.4	47.0
76	11.6	10.8	16.2

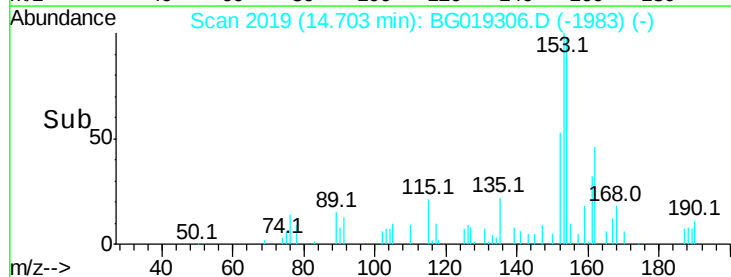
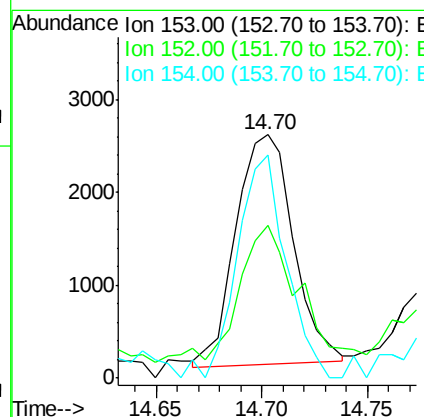
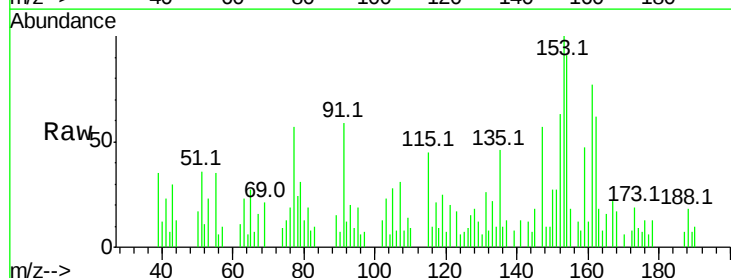
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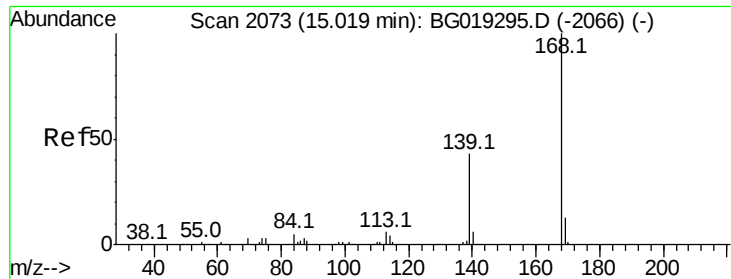
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#50
 Acenaphthene
 Concen: 1.04 ng/ul
 RT: 14.70 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BG019306.D
 Acq: 22 Oct 2015 7:28

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	62.8	36.2	54.2#
154	91.4	67.5	101.3





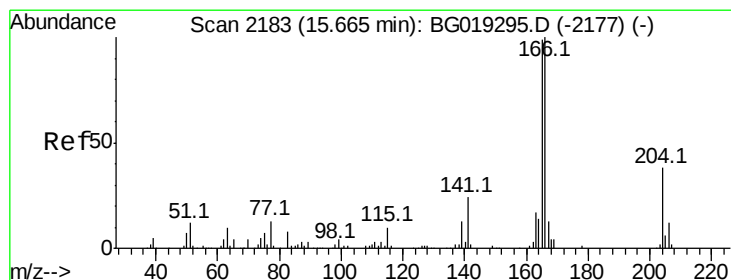
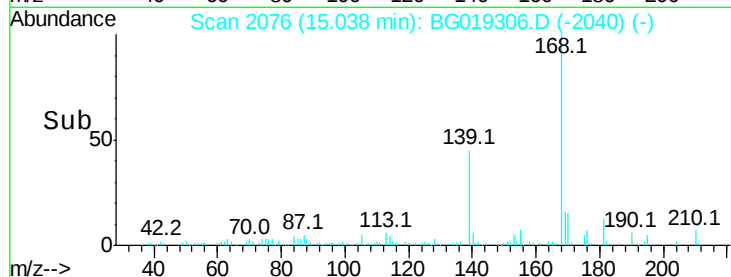
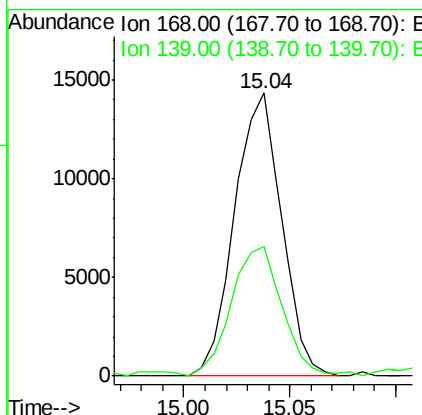
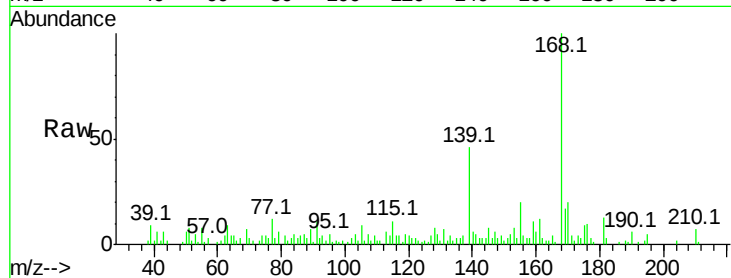
#54
Dibenzenofuran
Concen: 3.50 ng/ul
RT: 15.04 min Scan# 2076
Delta R.T. 0.01 min
Lab File: BG019306.D
Acq: 22 Oct 2015 7:28

Instrument :
BNA_G
ClientSampleId :
E5LK7RXDL

Tot Ion:168 Resp: 22131
Ion Ratio Lower Upper
168 100
139 46.0 28.5 42.7#

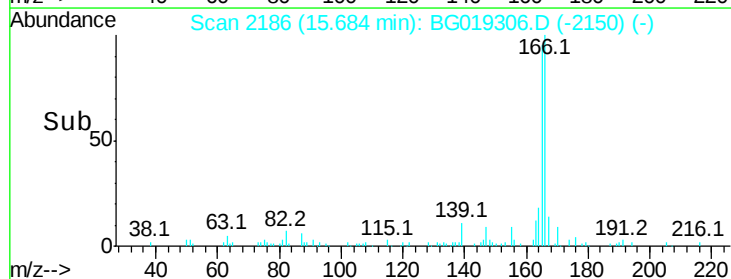
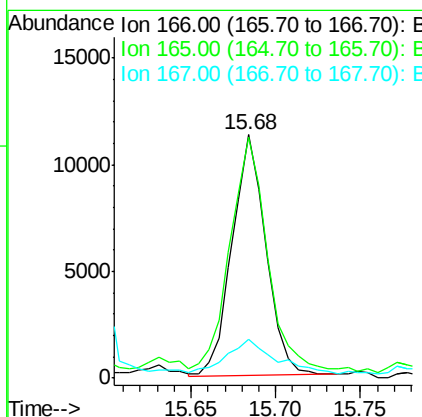
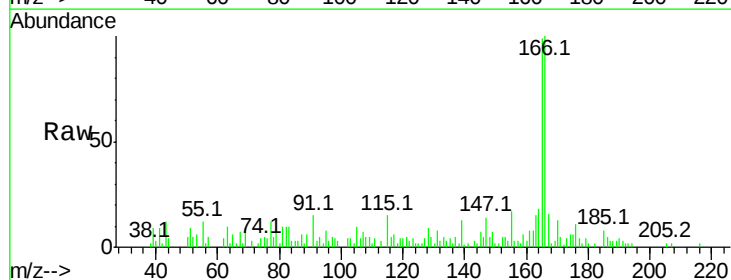
Manual Integrations
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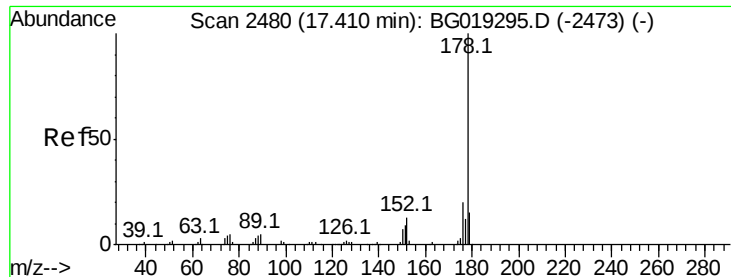
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#59
Fluorene
Concen: 2.93 ng/ul
RT: 15.68 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BG019306.D
Acq: 22 Oct 2015 7:28

Tgt Ion:166 Resp: 15852
Ion Ratio Lower Upper
166 100
165 98.8 77.7 116.5
167 15.9 10.4 15.6#





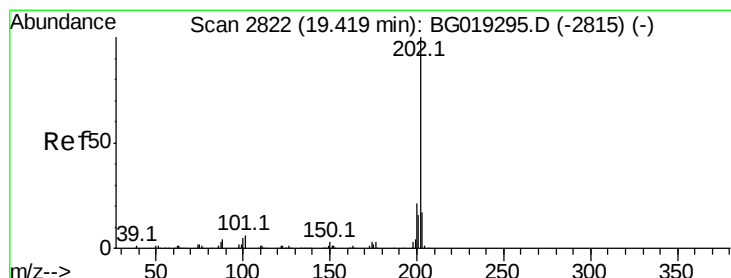
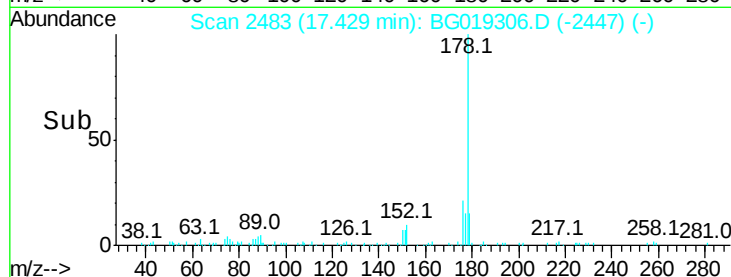
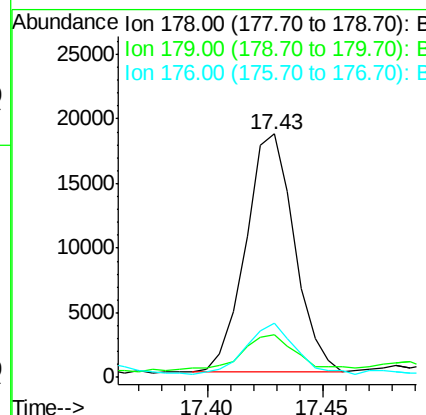
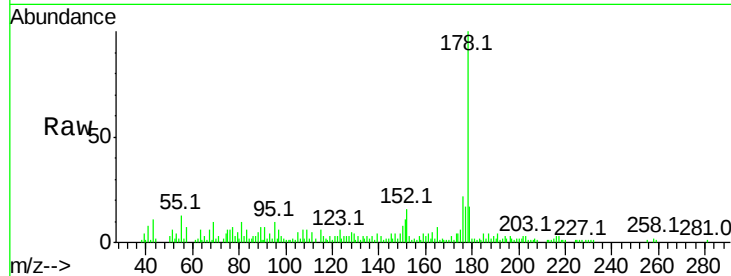
#70
Phenanthrene
Concen: 3.76 ng/ul
RT: 17.43 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BG019306.D
Acq: 22 Oct 2015 7:28

Instrument :
BNA_G
ClientSampleId :
E5LK7RXDL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.5	18.7
176	22.4	15.4	23.0

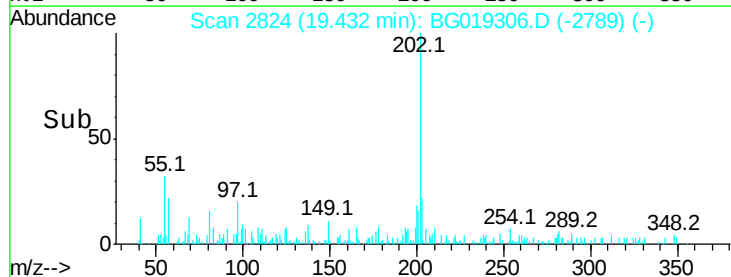
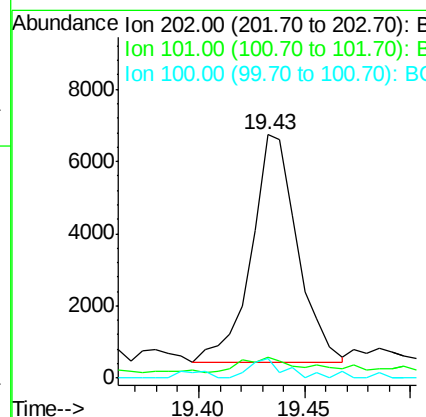
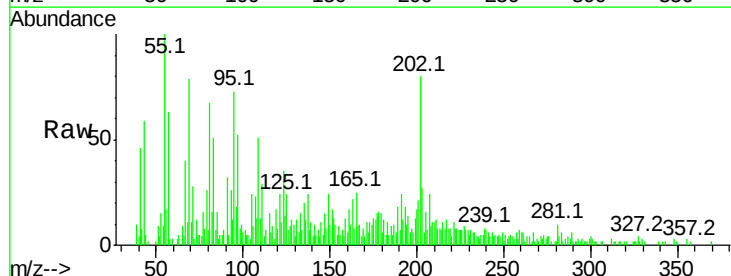
Manual Integrations
APPROVED

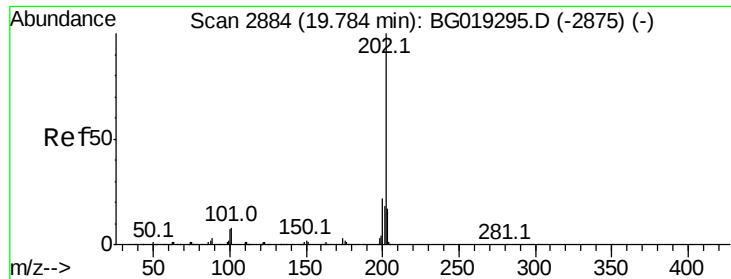
MMdadoda
10/22/2015 4:56:04 PM



#77
Fluoranthene
Concen: 1.06 ng/ul
RT: 19.43 min Scan# 2824
Delta R.T. 0.01 min
Lab File: BG019306.D
Acq: 22 Oct 2015 7:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	9.0	13.4#
100	7.9	6.9	10.3





#80
 Pvrene
 Concen: 1.06 ng/ul
 RT: 19.80 min Scan# 2886
 Delta R.T. 0.01 min
 Lab File: BG019306.D
 Acq: 22 Oct 2015 7:28

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RXDL

Tot Ion:	202	Resp:	9281
Ion Ratio	Lower	Upper	
202	100		
101	10.9	10.2	15.2
100	9.8	8.5	12.7

Manual Integrations
 APPROVED

MMdadoda
 10/22/2015 4:56:04 PM

