

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019423.D
 Acq On : 29 Oct 2015 18:45
 Operator : UM/NP
 Sample : G3996-18DL 25X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7DL

Manual Integrations
 APPROVED

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 10/30/2015 6:32:29 PM

Quant Time: Oct 30 12:10:15 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	48168	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	194277	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	140958	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	353727	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	432108	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	411471	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	934	0.93	ng/uL	0.00
5) Phenol-d5	7.36	99	4302	0.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	2815	1.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	2665	0.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	3871	1.10	ng/ul	0.01
19) Nitrobenzene-d5	9.37	128	1829m	1.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	1589	0.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	3906	1.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	10278m	2.76	ng/ul	-0.02
44) Dimethylphthalate-d6	14.23	166	12559	1.08	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	14521	1.13	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.82	176	19351	1.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	2042	0.89	ng/ul	0.00
71) Anthracene-d10	17.67	188	20148m	1.25	ng/ul	0.00
79) Pyrene-d10	19.95	212	17950	0.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	21398	1.04	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.39	94	151262	32.11	ng/ul 95
11) 2-Methylphenol	8.65	108	219563	63.03	ng/ul 98
14) Acetophenone	9.04	105	49110	8.31	ng/ul 92
16) 4-Methylphenol	8.99	108	441932	116.17	ng/ul 98
24) 2,4-Dimethylphenol	10.23	107	428490m	85.21	ng/ul
28) Naphthalene	11.09	128	271297	27.91	ng/ul 96
34) 2-Methylnaphthalene	12.68	142	140037	17.93	ng/ul 97
35) 1-Methylnaphthalene	12.90	142	86221	11.67	ng/ul 99
41) 1,1'-Biphenyl	13.67	154	46145	4.63	ng/ul# 97
48) Acenaphthylene	14.56	152	14606	1.11	ng/ul# 79
50) Acenaphthene	14.91	153	13445	1.51	ng/ul# 86
54) Dibenzofuran	15.23	168	69345	5.29	ng/ul 93
59) Fluorene	15.88	166	52158	4.56	ng/ul# 97
70) Phenanthrene	17.62	178	99044	5.55	ng/ul# 93
72) Anthracene	17.71	178	21542	1.18	ng/ul# 88
77) Fluoranthene	19.62	202	29821	1.29	ng/ul 99
80) Pyrene	19.98	202	35117	1.45	ng/ul# 89

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

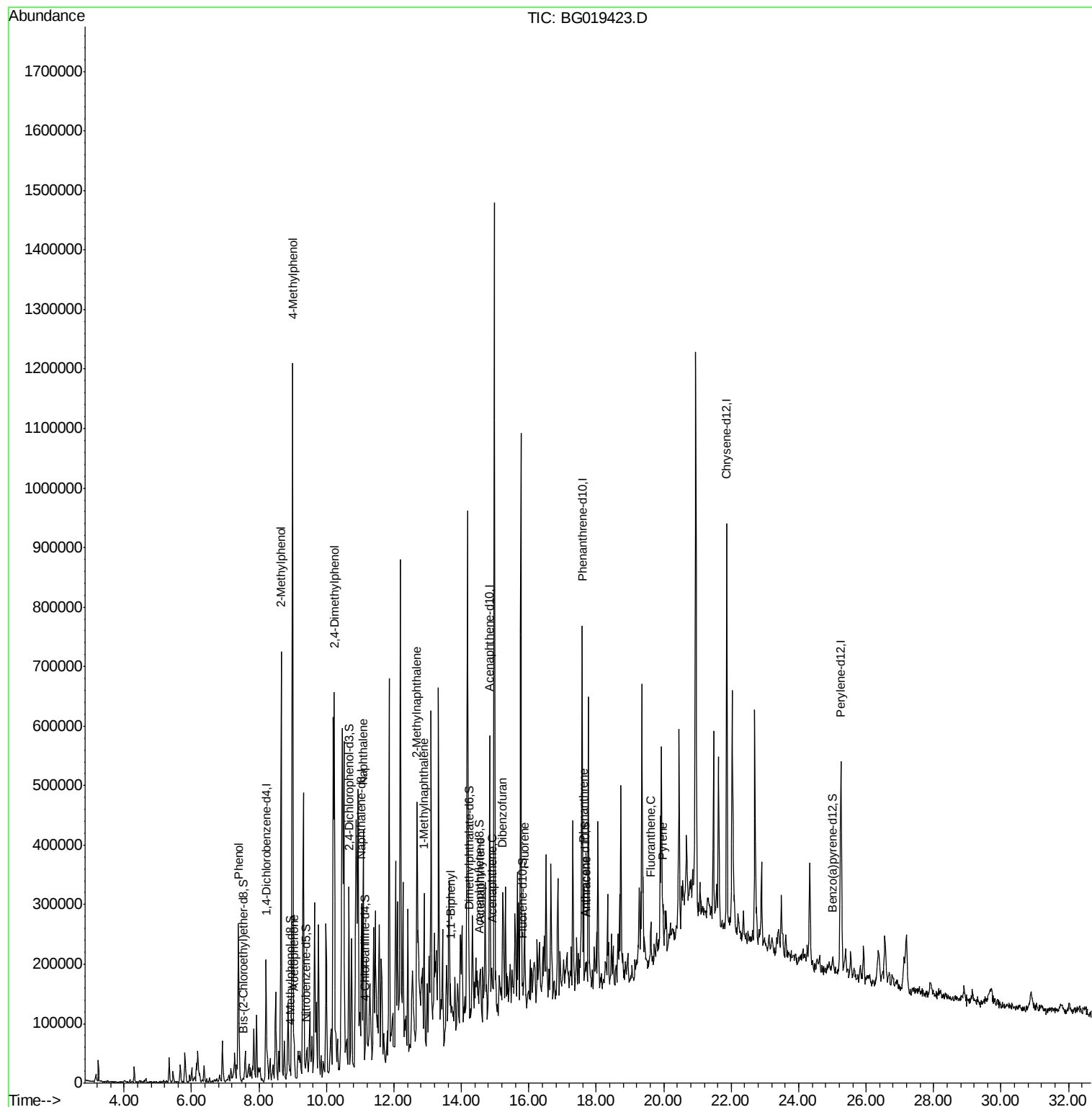
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019423.D
Acq On : 29 Oct 2015 18:45
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 34 Sample Multiplier: 1

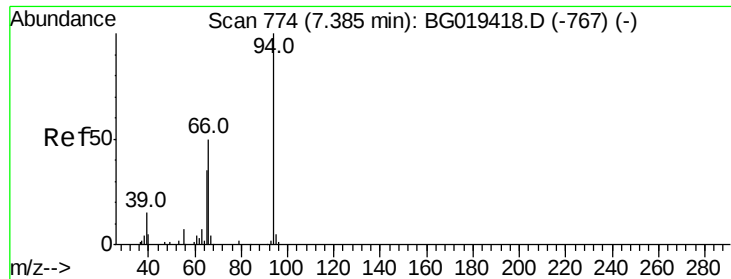
Instrument :
BNA_G
ClientSampleId :
E5LK7DL

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Quant Time: Oct 30 12:10:15 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration





#6

Phenol

Concen: 32.11 ng/ul

RT: 7.39 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG019423.D

Acq: 29 Oct 2015 18:45

Instrument :

BNA_G

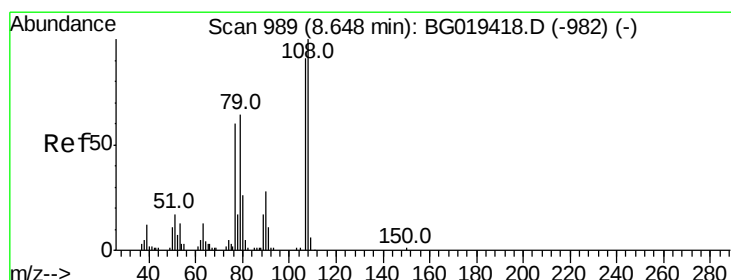
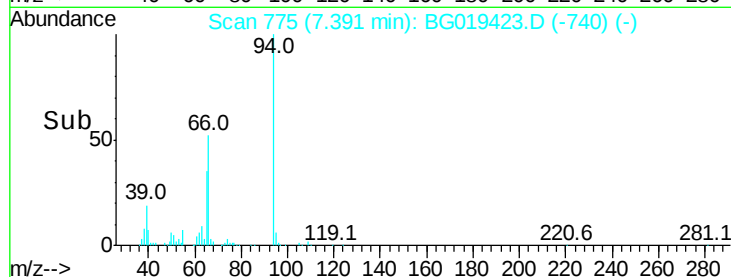
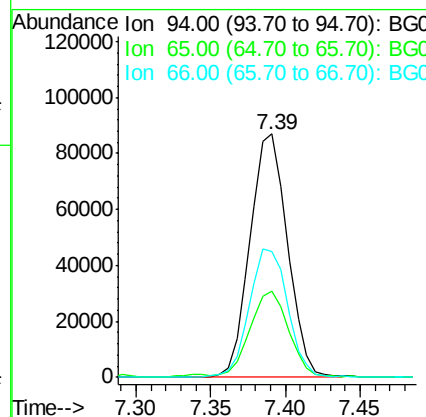
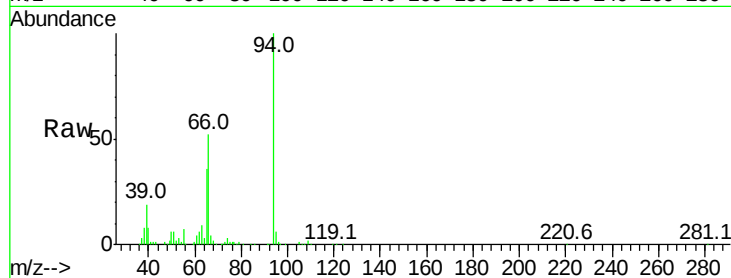
ClientSampleId :

E5LK7DL

Tot Ion:	94	Resp:	151262
Ion Ratio	Lower	Upper	
94	100		
65	35.5	29.3	43.9
66	51.5	45.0	67.6

Manual Integrations
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#11

2-Methylphenol

Concen: 63.03 ng/ul

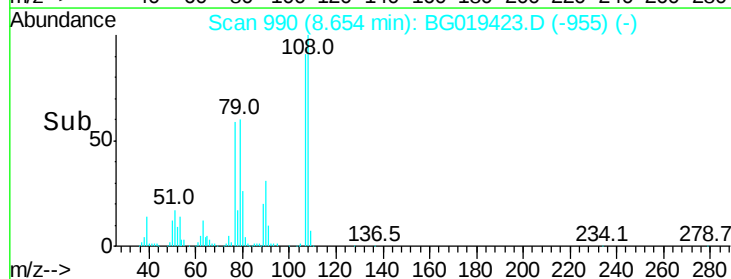
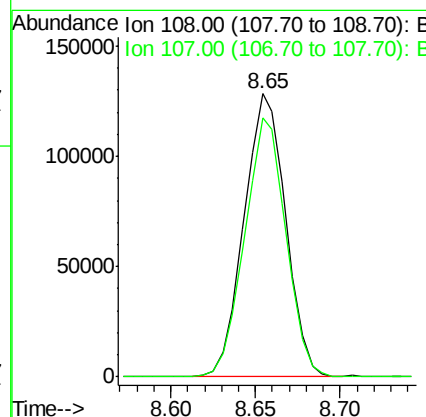
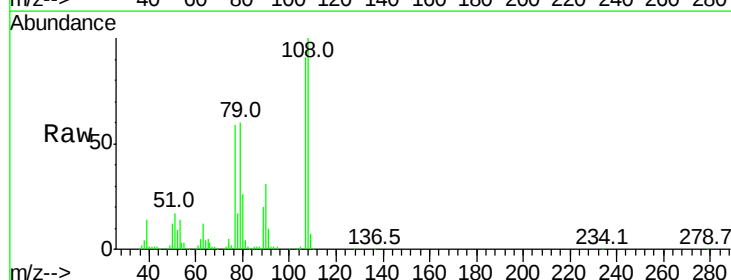
RT: 8.65 min Scan# 990

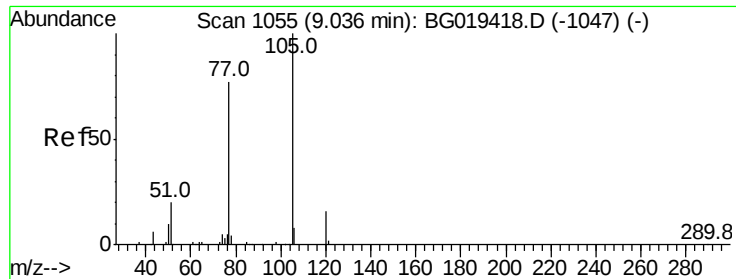
Delta R.T. 0.01 min

Lab File: BG019423.D

Acq: 29 Oct 2015 18:45

Tgt Ion:	108	Resp:	219563
Ion Ratio	Lower	Upper	
108	100		
107	91.3	71.2	106.8





#14

Acetophenone

Concen: 8.31 ng/ul

RT: 9.04 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BG019423.D

Acq: 29 Oct 2015 18:45

Instrument :

BNA_G

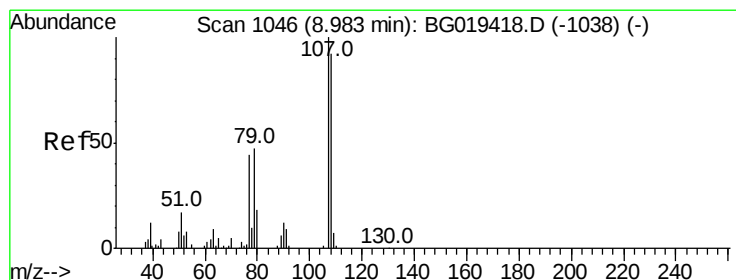
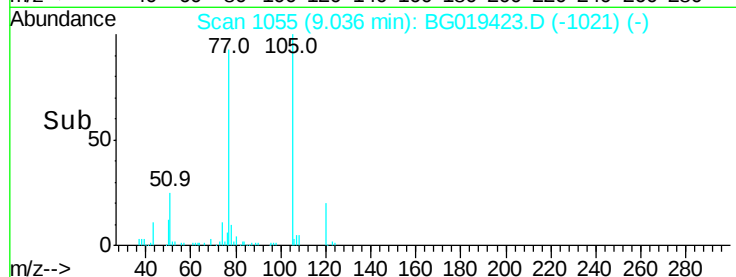
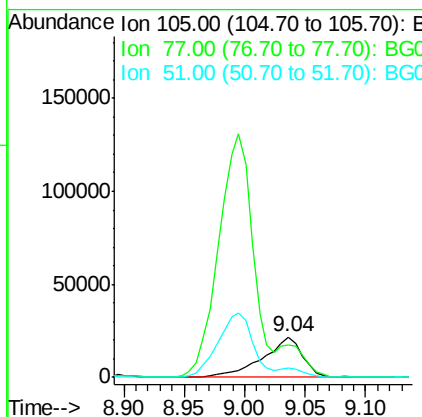
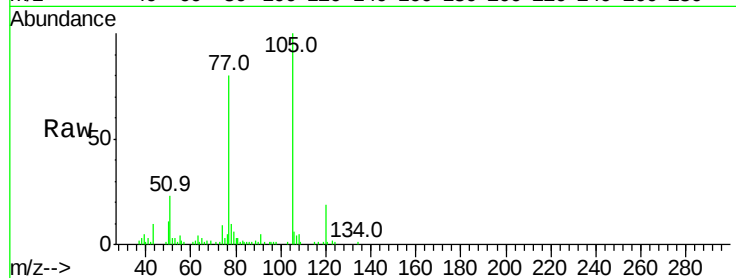
ClientSampleId :

E5LK7DL

Tot Ion:	105	Resp:	49110
Ion Ratio	Lower	Upper	
105	100		
77	79.6	69.5	104.3
51	22.8	21.8	32.6

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#16

4-Methylphenol

Concen: 116.17 ng/ul

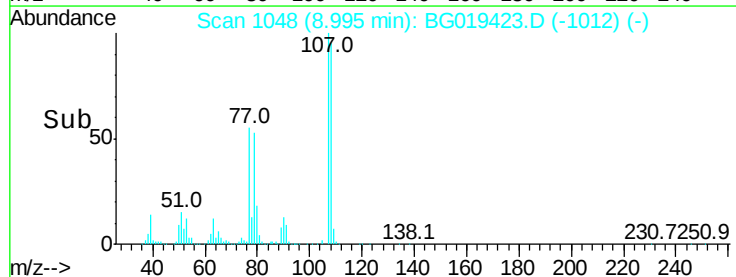
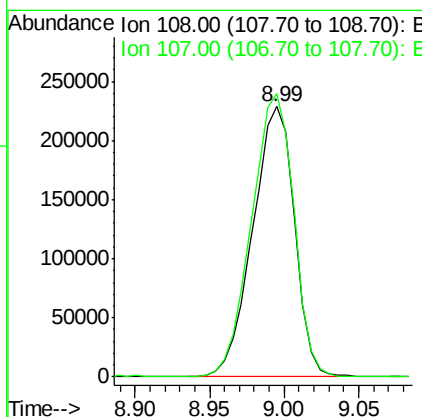
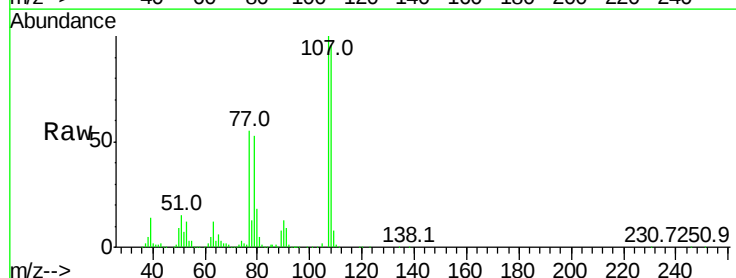
RT: 8.99 min Scan# 1048

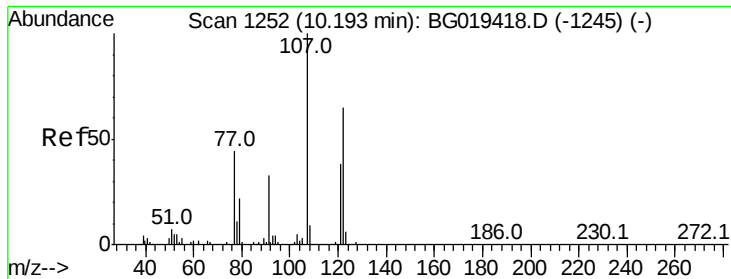
Delta R.T. 0.01 min

Lab File: BG019423.D

Acq: 29 Oct 2015 18:45

Tgt Ion:	108	Resp:	441932
Ion Ratio	Lower	Upper	
108	100		
107	104.7	85.4	128.2





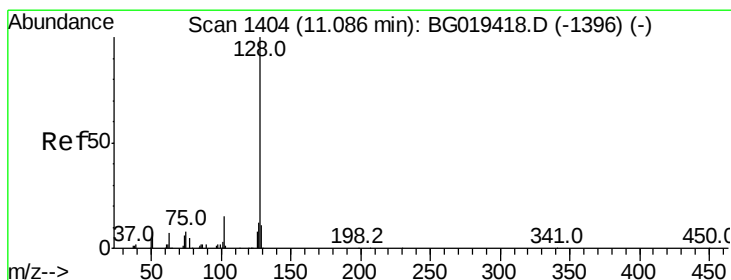
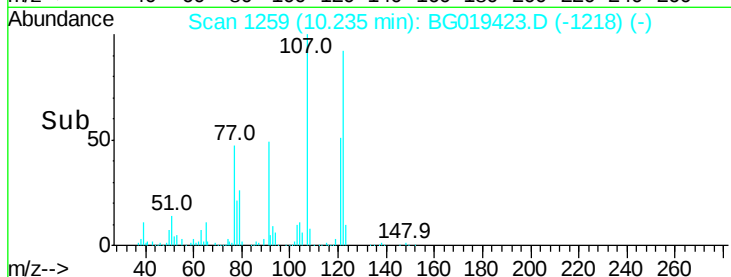
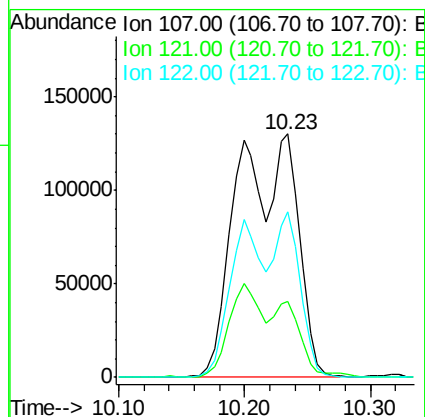
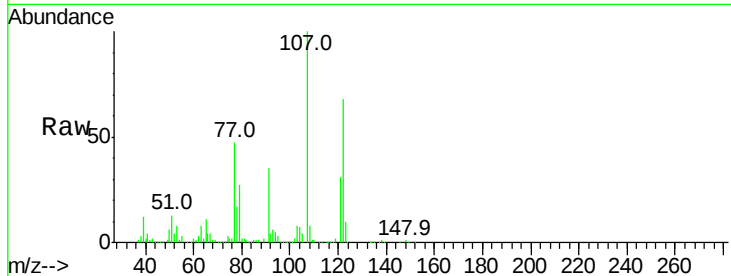
#24
2,4-Dimethylphenol
Concen: 85.21 ng/ul m
RT: 10.23 min Scan# 1259
Delta R.T. 0.04 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Tot Ion	Ratio	Resp	Lower	Upper
107	100	428490		
121	31.2	33.0	49.4#	
122	67.8	54.2	81.2	

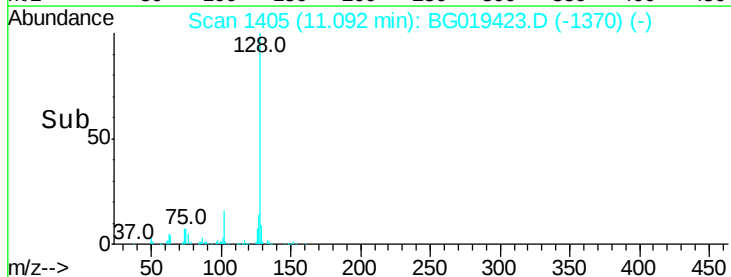
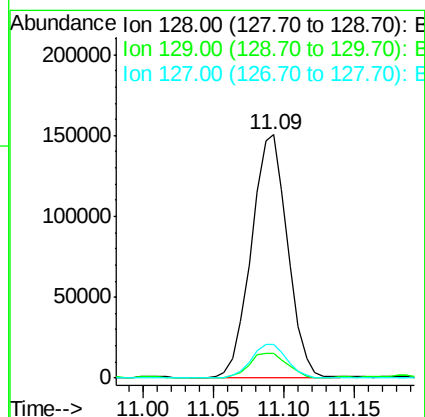
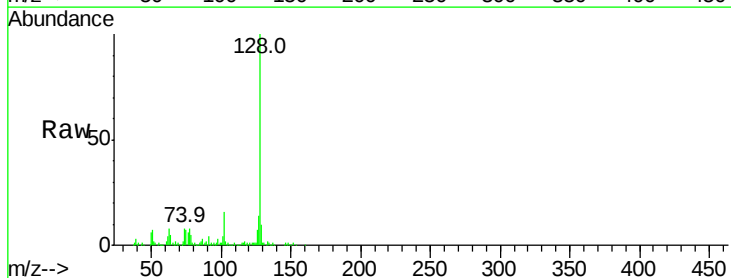
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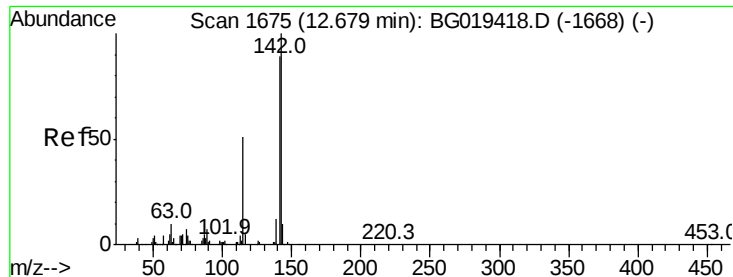
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#28
Naphthalene
Concen: 27.91 ng/ul
RT: 11.09 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BG019423.D
Acq: 29 Oct 2015 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	271297		
129	10.2	8.9	13.3	
127	14.0	13.1	19.7	





#34

2-Methylnaphthalene

Concen: 17.93 ng/ul

RT: 12.68 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BG019423.D

Acq: 29 Oct 2015 18:45

Instrument :

BNA_G

ClientSampleId :

E5LK7DL

Tot Ion:142 Resp: 140037

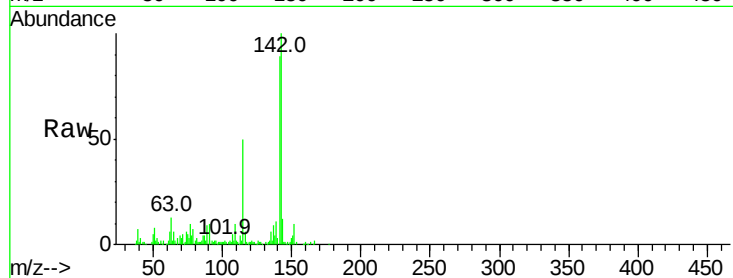
Ion Ratio Lower Upper

142 100

141 88.7 73.4 110.2

Manual Integrations
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.68

100000

80000

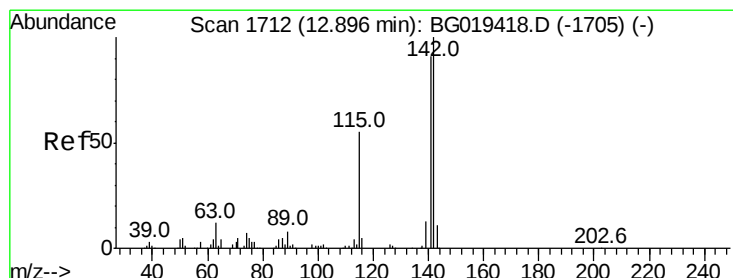
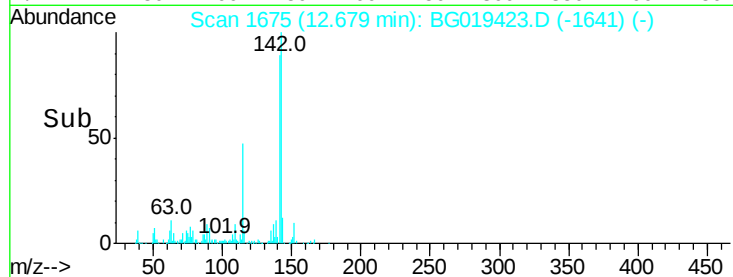
60000

40000

20000

0

Time--> 12.60 12.65 12.70 12.75



#35

1-Methylnaphthalene

Concen: 11.67 ng/ul

RT: 12.90 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BG019423.D

Acq: 29 Oct 2015 18:45

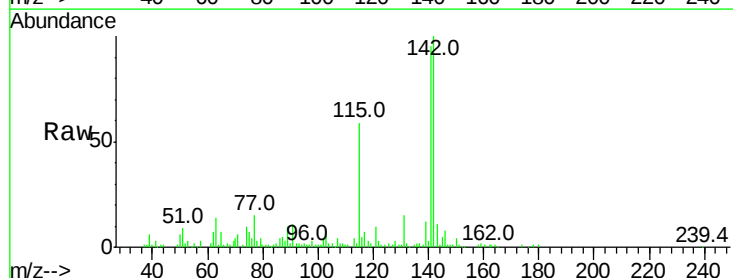
Tgt Ion:142 Resp: 86221

Ion Ratio Lower Upper

142 100

141 95.2 76.5 114.7

116 5.4 5.4 8.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.90

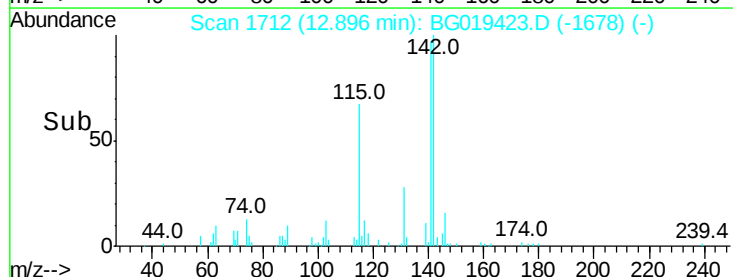
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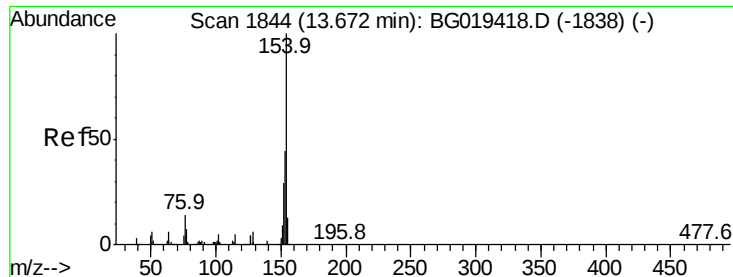
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20000

0

Time--> 12.80 12.90





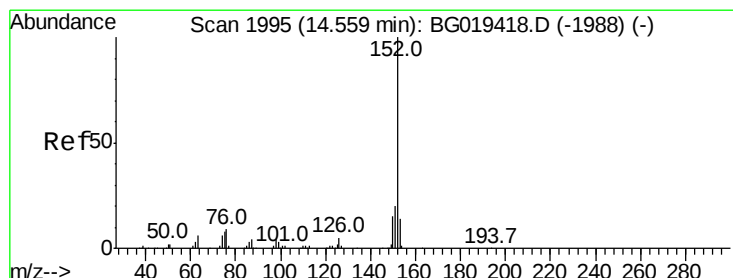
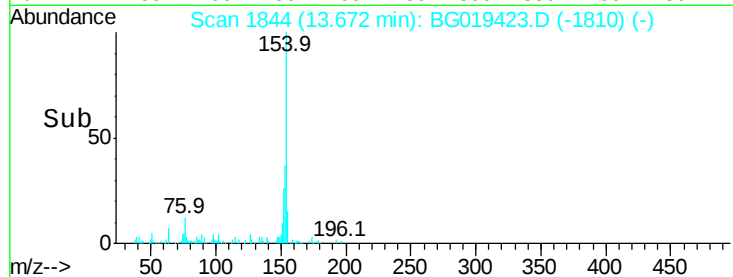
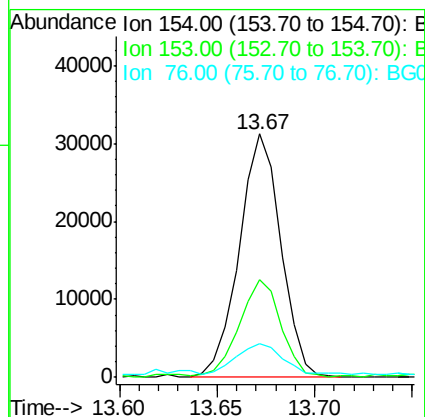
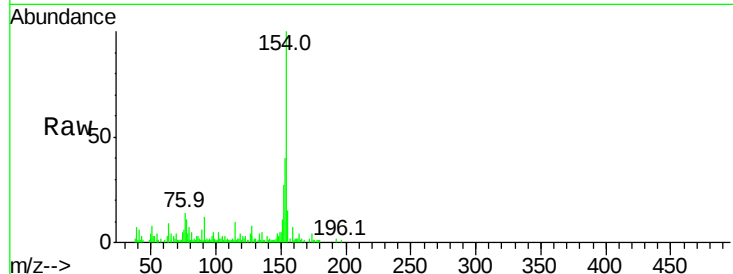
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 1,1'-Biphenyl
 Concen: 4.63 ng/ul
 RT: 13.67 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BG019423.D
 Acq: 29 Oct 2015 18:45

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7DL

Tot Ion:	154	Resp:	46145
Ion Ratio	Lower	Upper	
154	100		
153	40.2	32.8	49.2
76	13.9	7.7	11.5#

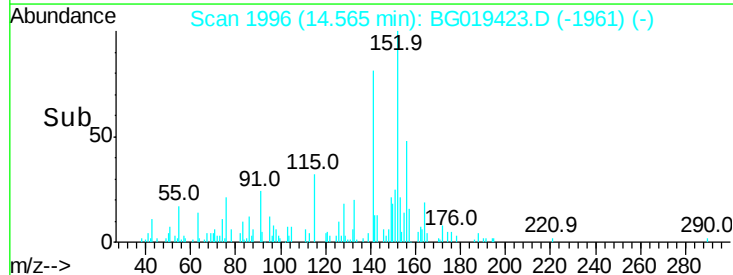
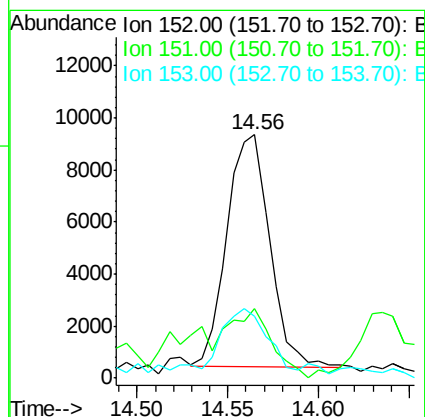
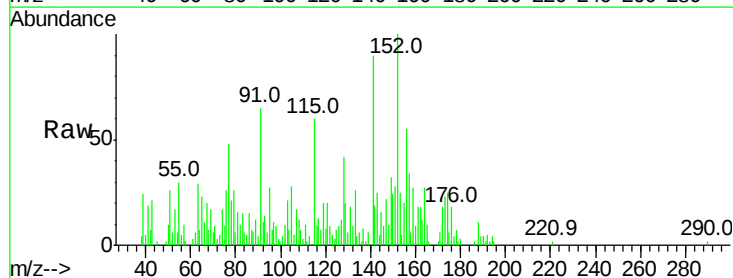
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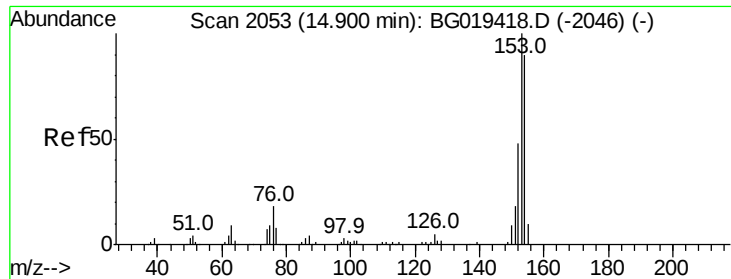
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#48
 Acenaphthylene
 Concen: 1.11 ng/ul
 RT: 14.56 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BG019423.D
 Acq: 29 Oct 2015 18:45

Tgt Ion:	152	Resp:	14606
Ion Ratio	Lower	Upper	
152	100		
151	28.3	16.9	25.3#
153	25.2	10.8	16.2#





#50

Acenaphthene

Concen: 1.51 ng/ul

RT: 14.91 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BG019423.D

Acq: 29 Oct 2015 18:45

Instrument :

BNA_G

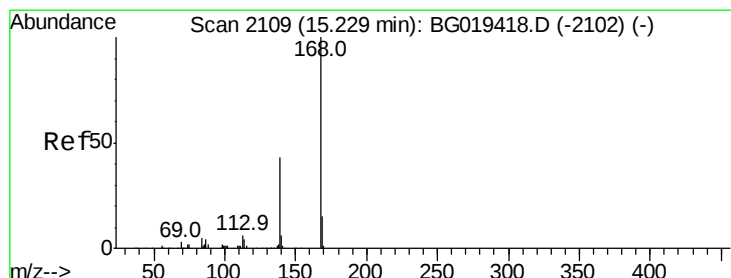
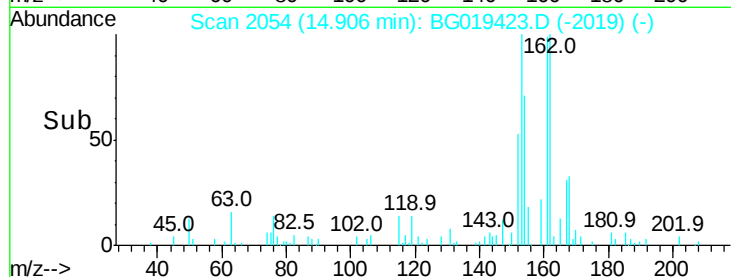
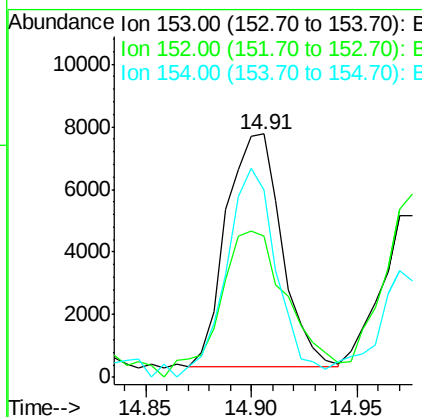
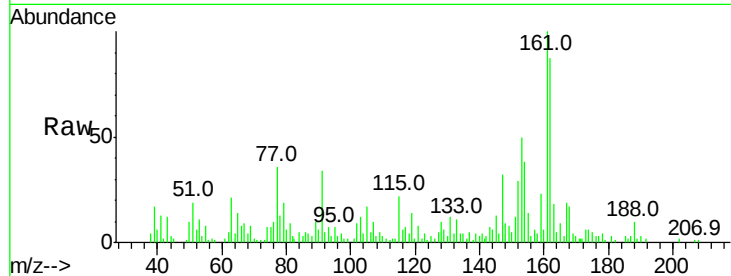
ClientSampleId :

E5LK7DL

Tot Ion:	153	Resp:	13445
Ion Ratio	Lower	Upper	
153	100		
152	58.2	38.8	58.2#
154	76.9	71.5	107.3

Manual Integrations
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#54

Dibenzofuran

Concen: 5.29 ng/ul

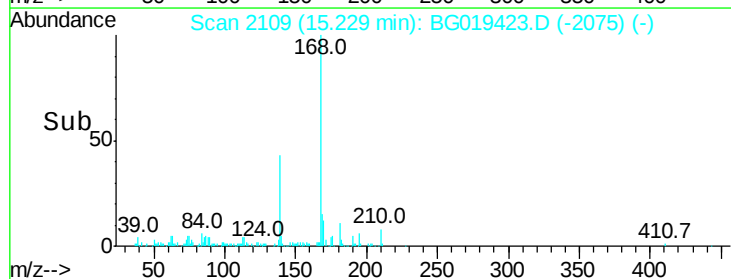
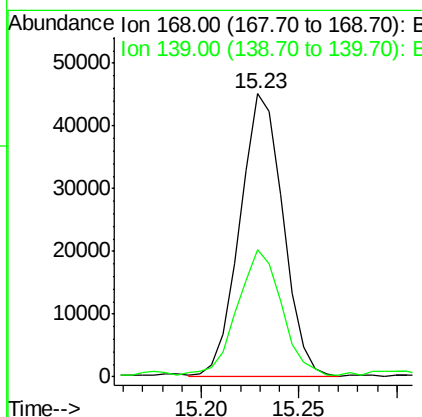
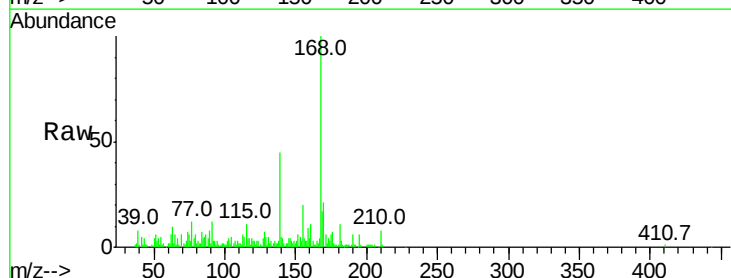
RT: 15.23 min Scan# 2109

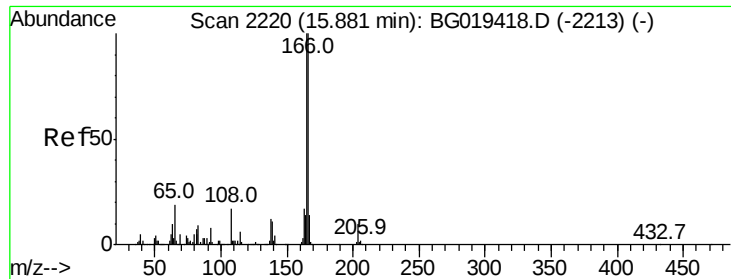
Delta R.T. 0.00 min

Lab File: BG019423.D

Acq: 29 Oct 2015 18:45

Tgt Ion:	168	Resp:	69345
Ion Ratio	Lower	Upper	
168	100		
139	45.0	32.4	48.6





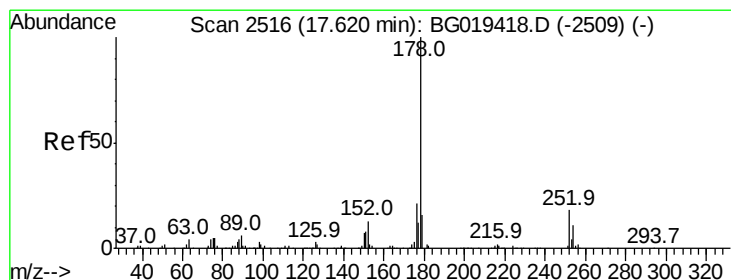
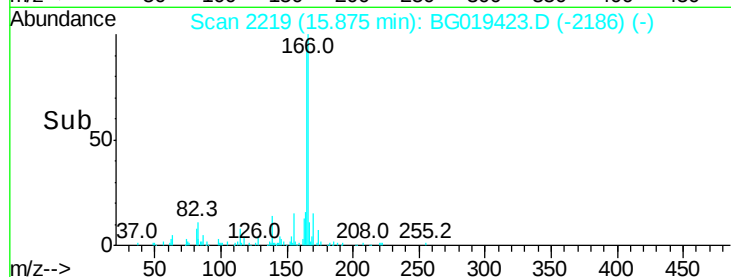
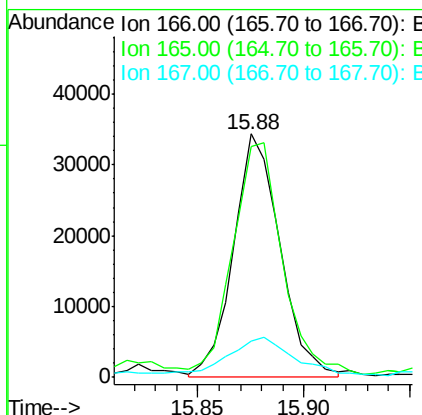
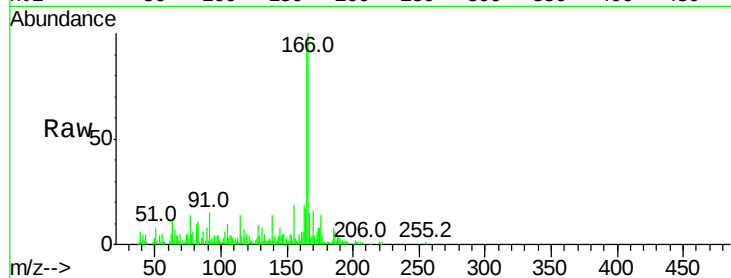
#59
Fluorene
 Concen: 4.56 ng/ul
 RT: 15.88 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG019423.D
 Acq: 29 Oct 2015 18:45

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.0	77.6	116.4
167	14.9	9.6	14.4

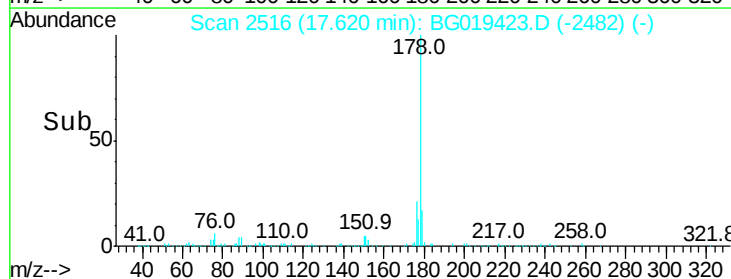
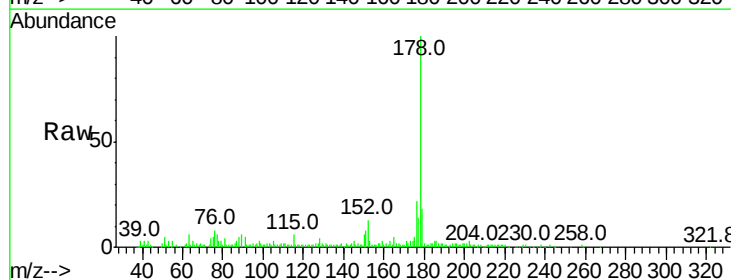
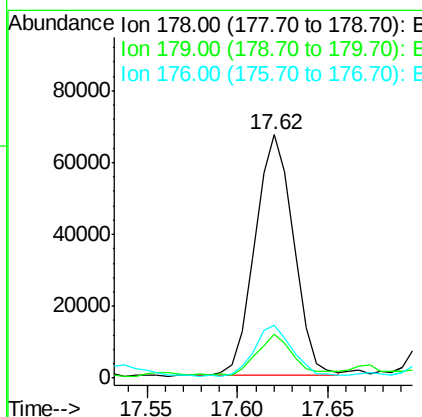
Manual Integrations
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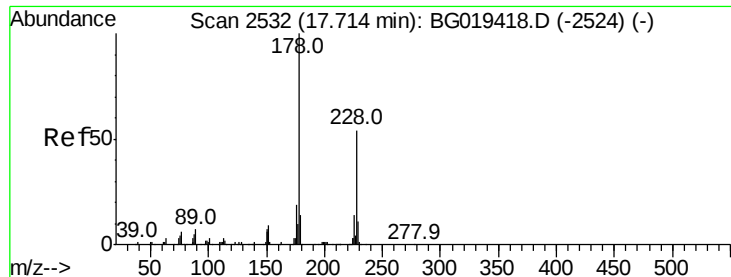
Mmdadoda
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#70
Phenanthrene
 Concen: 5.55 ng/ul
 RT: 17.62 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG019423.D
 Acq: 29 Oct 2015 18:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.6	18.8
176	21.7	14.3	21.5





#72

Anthracene

Concen: 1.18 ng/ul

RT: 17.71 min Scan# 2532

Delta R.T. 0.00 min

Lab File: BG019423.D

Acq: 29 Oct 2015 18:45

Instrument :

BNA_G

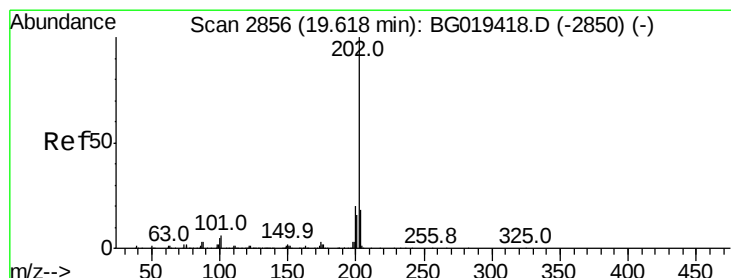
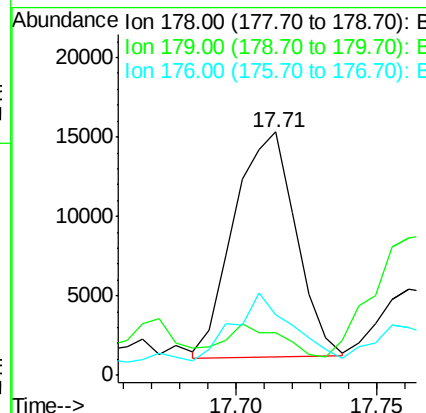
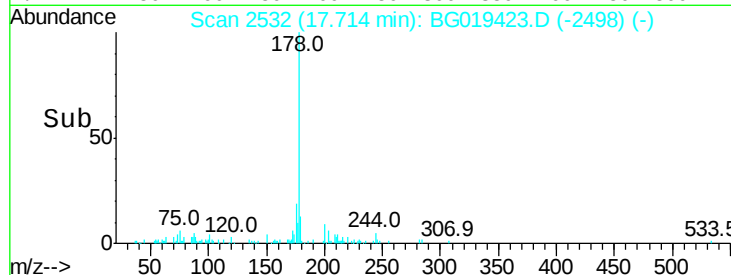
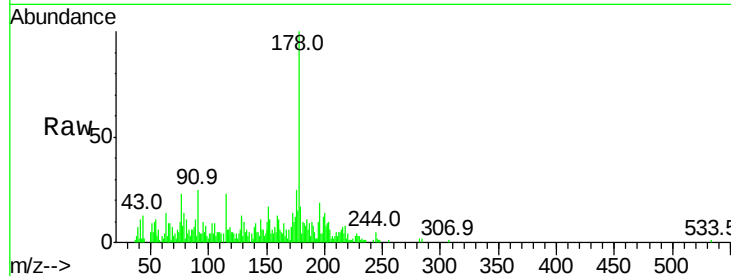
ClientSampleId :

E5LK7DL

Tot Ion:	178	Resp:	21542
Ion Ratio	Lower	Upper	
178	100		
179	17.4	11.6	17.4
176	25.1	14.2	21.4

Manual Integrations
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#77

Fluoranthene

Concen: 1.29 ng/ul

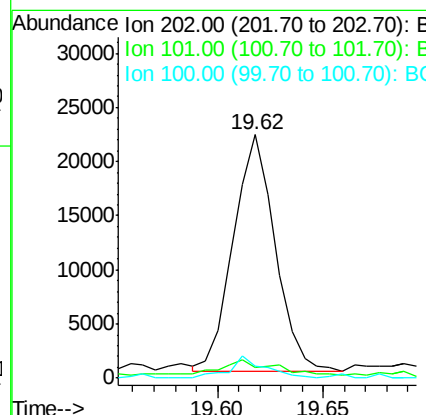
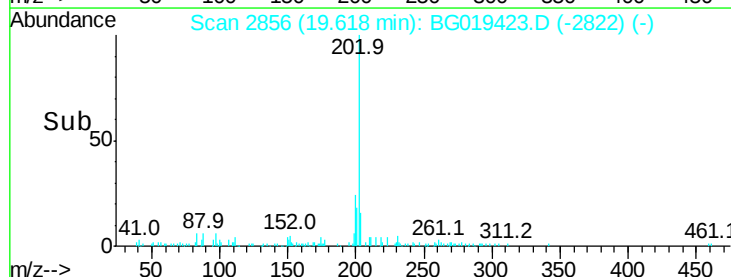
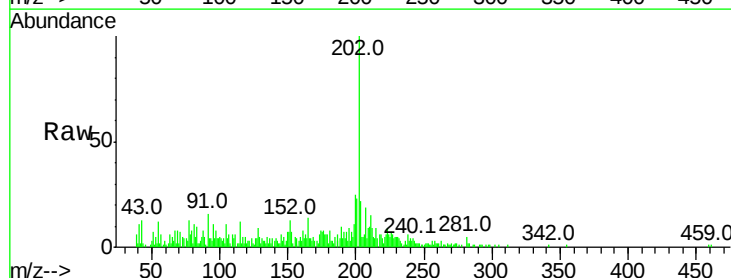
RT: 19.62 min Scan# 2856

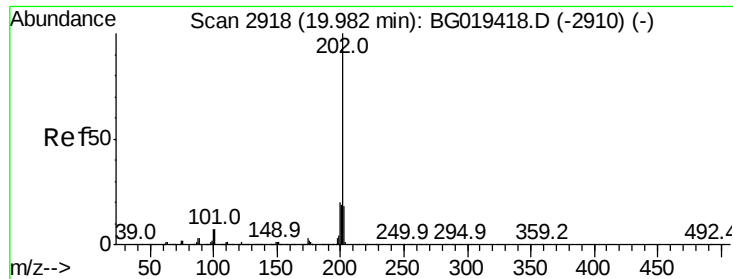
Delta R.T. 0.00 min

Lab File: BG019423.D

Acq: 29 Oct 2015 18:45

Tgt Ion:	202	Resp:	29821
Ion Ratio	Lower	Upper	
202	100		
101	4.4	4.0	6.0
100	4.7	3.6	5.4





#80
 Pvrene
 Concen: 1.45 ng/ul
 RT: 19.98 min Scan# 2917
 Delta R.T. -0.01 min
 Lab File: BG019423.D
 Acq: 29 Oct 2015 18:45

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	4.3	6.5#
100	7.6	3.6	5.4#

Manual Integrations
 APPROVED

Mmdadoda
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