

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
 Data File : BG018084.D
 Acq On : 24 Jul 2015 2:42
 Operator : TP/UM
 Sample : G3035-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 C01K6

Manual Integrations
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 7/24/2015 4:51:29 PM

Quant Time: Aug 06 17:28:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:33:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	56557	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	287915	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	177346	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	349329	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	367305	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	375438	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	1829	2.02	ng/uL	0.00
5) Phenol-d5	6.70	99	61479	14.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	32143	14.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	57974	14.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	50904	13.16	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	30060	13.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	25675	10.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	57443	13.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	63349	13.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	184481	14.82	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	208110	13.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	21276	8.12	ng/ul	0.00
58) Fluorene-d10	15.18	176	151378	13.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	5628	2.52	ng/ul	0.00
71) Anthracene-d10	17.04	188	207274	13.70	ng/ul	0.00
79) Pyrene-d10	19.34	212	211866	12.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	199320	11.13	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.33	105	33833	6.20	ng/ul	97
28) Naphthalene	10.34	128	52898	3.92	ng/ul	98
34) 2-Methylnaphthalene	11.97	142	16407	1.61	ng/ul	95
45) Dimethylphthalate	13.65	163	96563	7.71	ng/ul	99
50) Acenaphthene	14.24	153	61873	5.88	ng/ul	97
54) Dibenzofuran	14.58	168	46485	3.11	ng/ul	99
59) Fluorene	15.23	166	79941	6.21	ng/ul	95
70) Phenanthrene	16.98	178	894686	50.97	ng/ul	98
72) Anthracene	17.07	178	214573	12.04	ng/ul	99
75) Carbazole	17.34	167	86732	5.62	ng/ul	98
77) Fluoranthene	19.01	202	1109769	59.35	ng/ul	99
80) Pyrene	19.37	202	995572	47.33	ng/ul	98
81) Butylbenzylphthalate	20.29	149	20584	2.39	ng/ul	97
83) Benzo(a)anthracene	21.13	228	529502	27.26	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	193199	15.67	ng/ul	99
85) Chrysene	21.18	228	522528	28.57	ng/ul	96
88) Benzo(b)fluoranthene	22.68	252	552200	26.85	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	181040m	9.09	ng/ul	
91) Benzo(a)pyrene	23.23	252	379347	19.04	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.54	276	223985	9.75	ng/ul	95
93) Dibenzo(a,h)anthracene	25.54	278	66830	3.41	ng/ul#	78
94) Benzo(g,h,i)perylene	26.21	276	92411	4.87	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

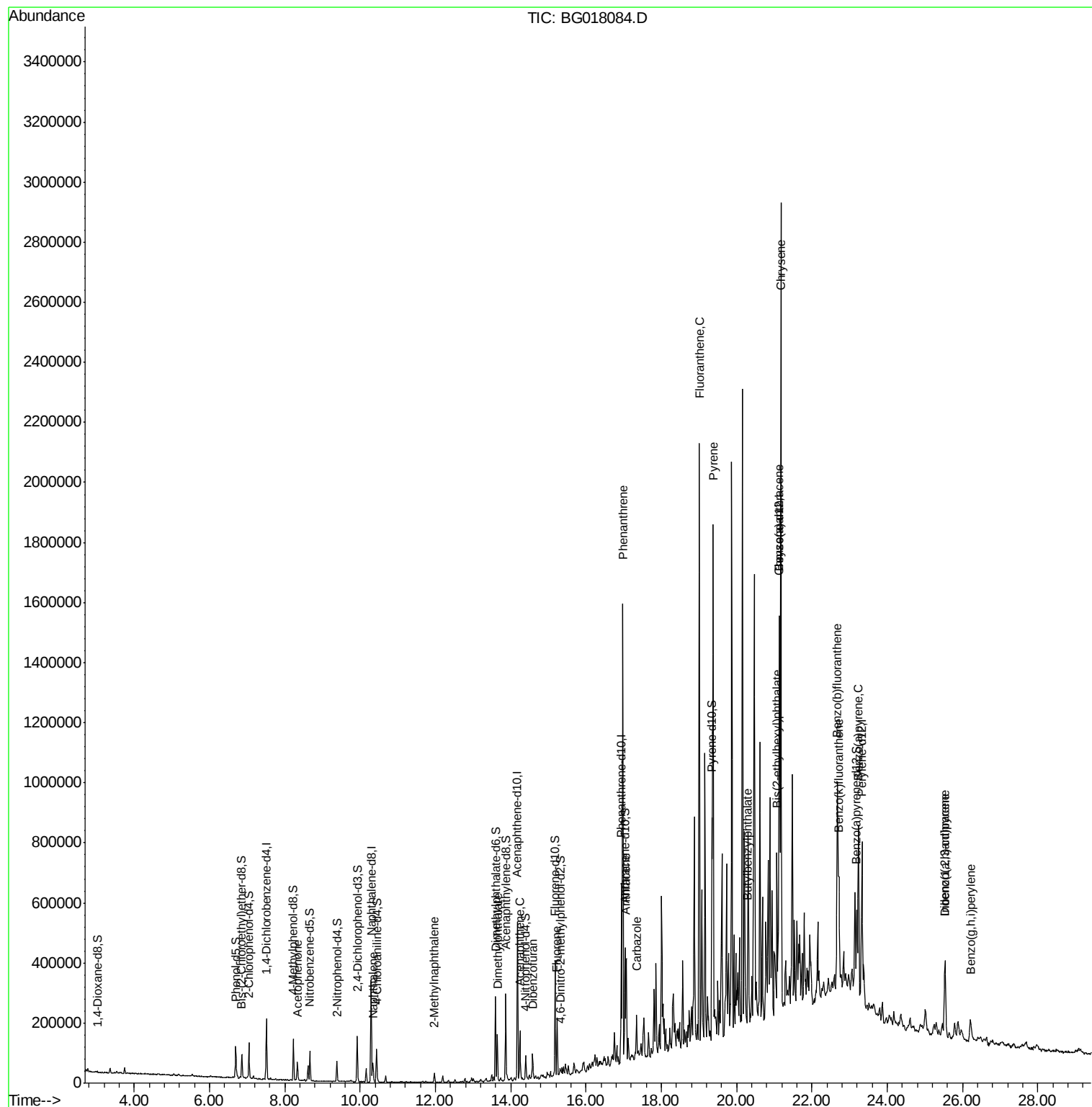
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
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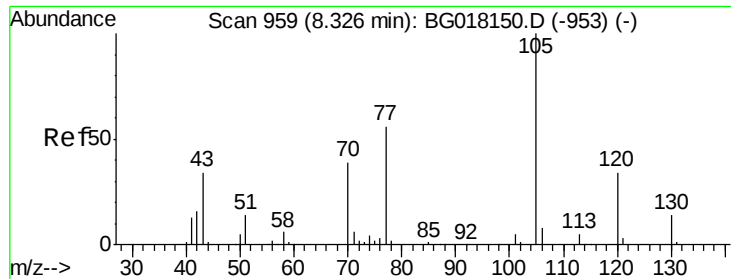
Instrument :
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C01K6

Manual Integrations
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#14

Acetophenone

Concen: 6.20 ng/ul

RT: 8.33 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG018084.D

Acq: 24 Jul 2015 2:42

Instrument :

BNA_G

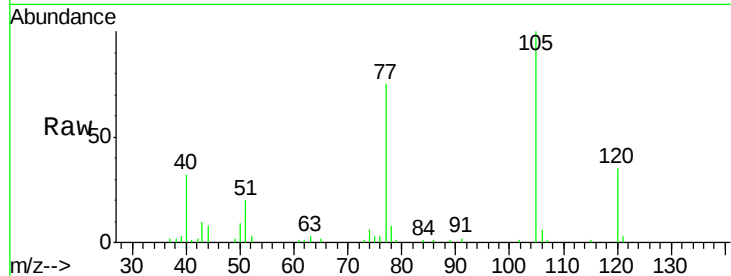
ClientSampled :

C01K6

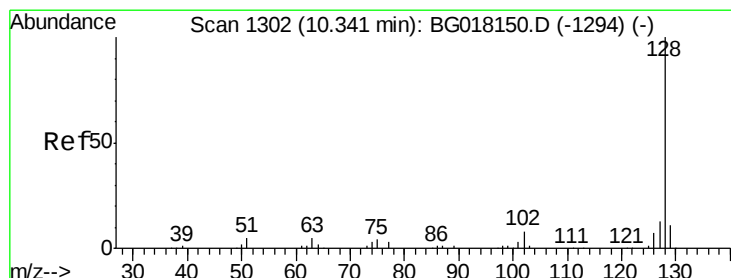
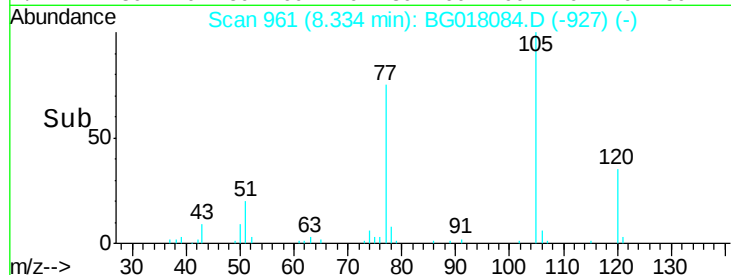
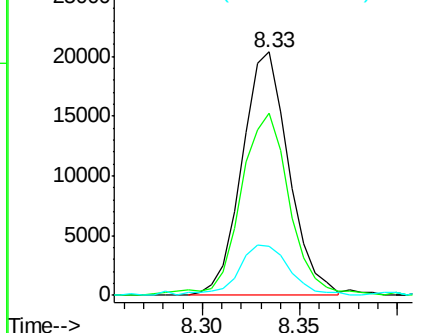
Tgt Ion:	105	Resp:	33833
Ion Ratio	Lower	Upper	
105	100		
77	74.8	61.7	92.5
51	20.4	18.1	27.1

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#28

Naphthalene

Concen: 3.92 ng/ul

RT: 10.34 min Scan# 1303

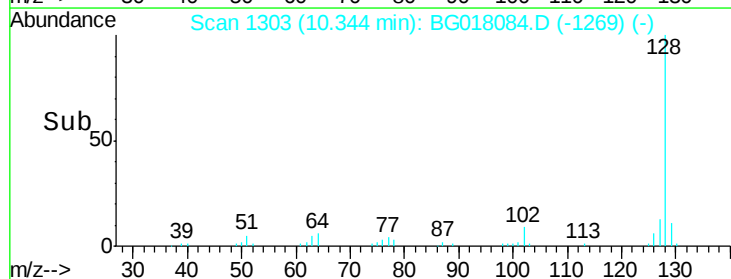
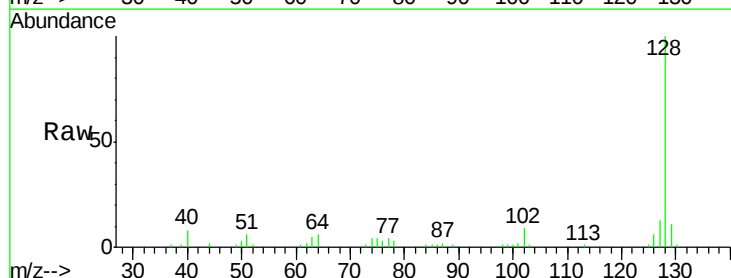
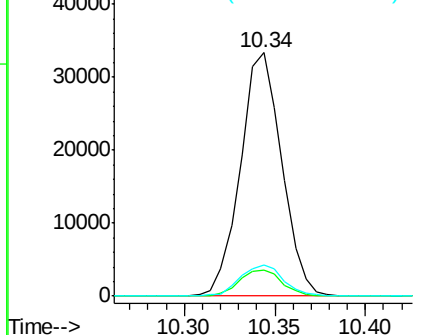
Delta R.T. 0.00 min

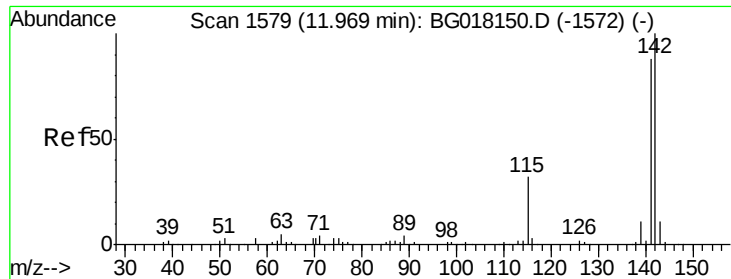
Lab File: BG018084.D

Acq: 24 Jul 2015 2:42

Tgt Ion:	128	Resp:	52898
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.5	14.3
127	12.8	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





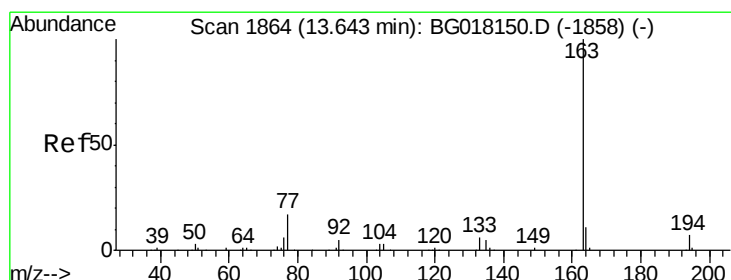
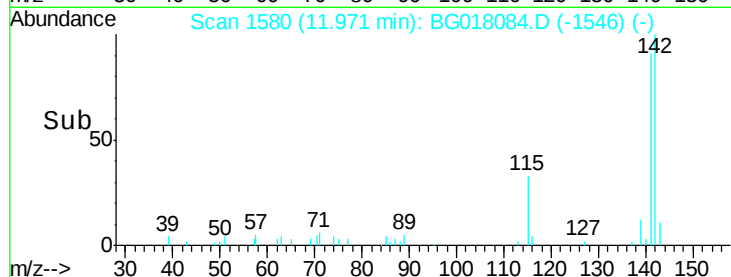
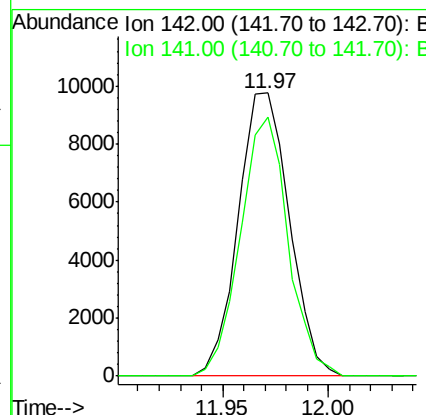
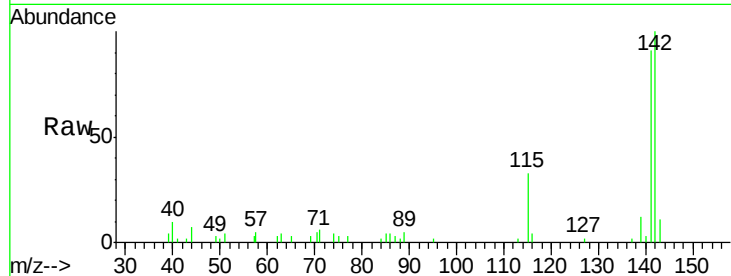
#34
 2-Methylnaphthalene
 Concen: 1.61 ng/ul
 RT: 11.97 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BG018084.D
 Acq: 24 Jul 2015 2:42

Instrument :
 BNA_G
 ClientSampled :
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Tgt Ion:142 Resp: 16407
 Ion Ratio Lower Upper
 142 100
 141 91.3 69.4 104.0

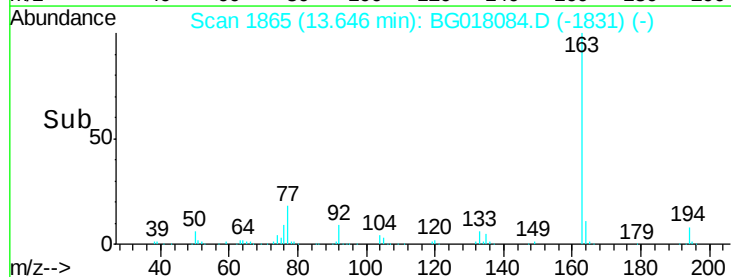
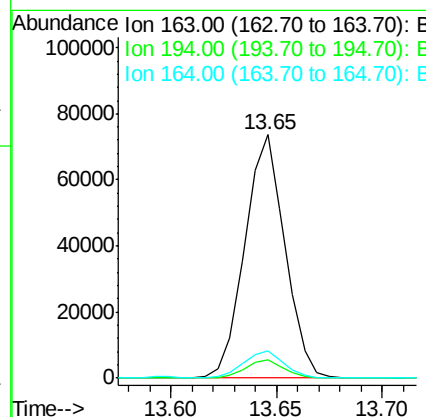
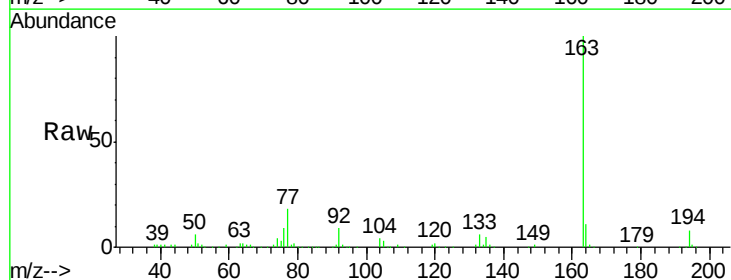
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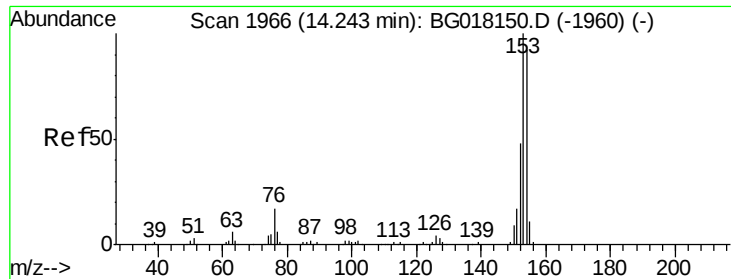
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#45
 Dimethylphthalate
 Concen: 7.71 ng/ul
 RT: 13.65 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BG018084.D
 Acq: 24 Jul 2015 2:42

Tgt Ion:163 Resp: 96563
 Ion Ratio Lower Upper
 163 100
 194 7.5 5.4 8.2
 164 11.0 8.7 13.1





#50

Acenaphthene

Concen: 5.88 ng/ul

RT: 14.24 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG018084.D

Acq: 24 Jul 2015 2:42

Instrument :

BNA_G

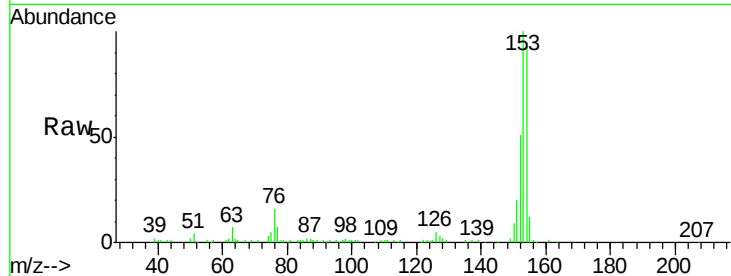
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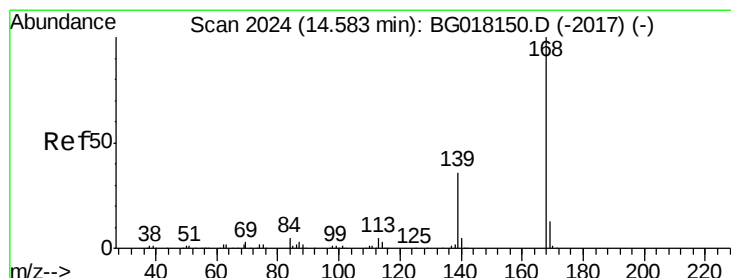
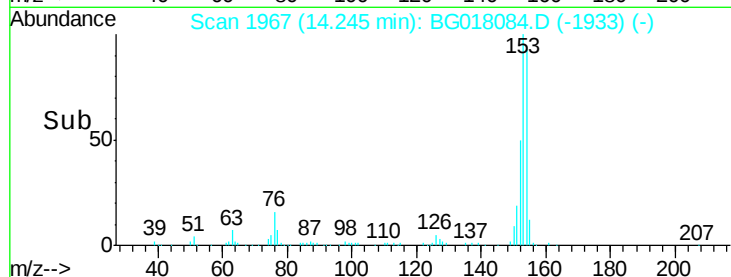
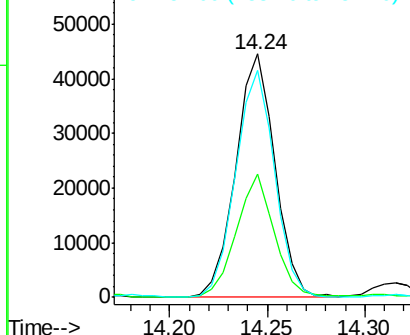
Tgt Ion:	153	Resp:	61873
Ion Ratio	Lower	Upper	
153	100		
152	50.5	38.9	58.3
154	93.0	72.6	108.8

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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



#54

Dibenzofuran

Concen: 3.11 ng/ul

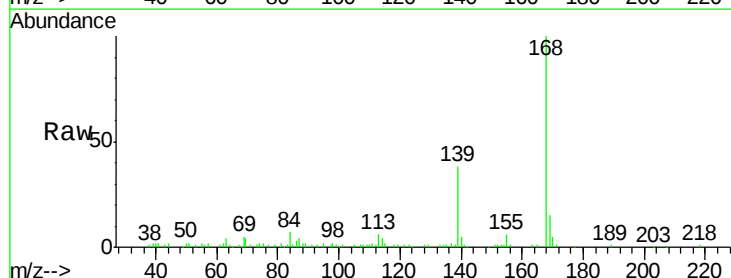
RT: 14.58 min Scan# 2024

Delta R.T. 0.00 min

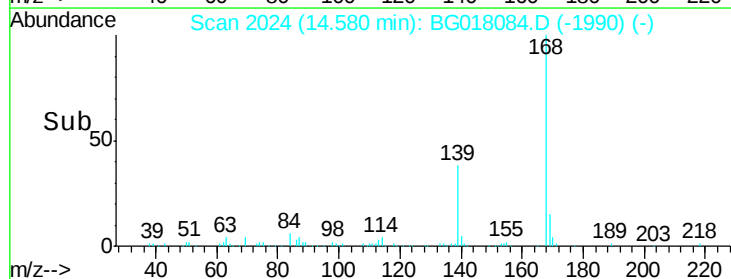
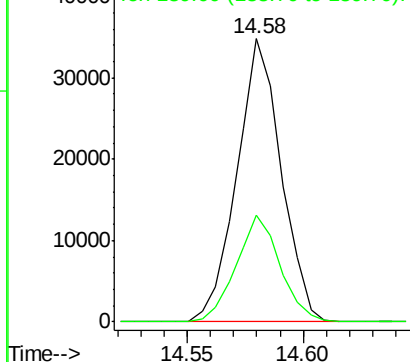
Lab File: BG018084.D

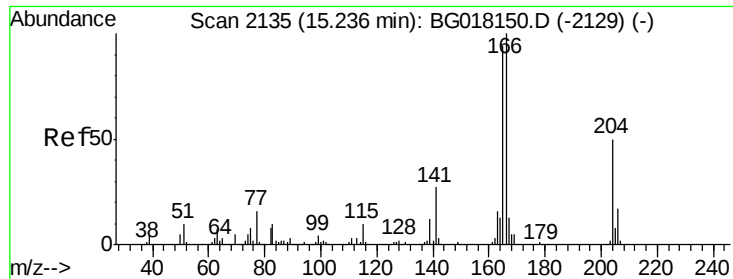
Acq: 24 Jul 2015 2:42

Tgt Ion:	168	Resp:	46485
Ion Ratio	Lower	Upper	
168	100		
139	37.8	30.6	46.0



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





#59

Fluorene

Concen: 6.21 ng/ul

RT: 15.23 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG018084.D

Acq: 24 Jul 2015 2:42

Instrument :

BNA_G

ClientSampleId :

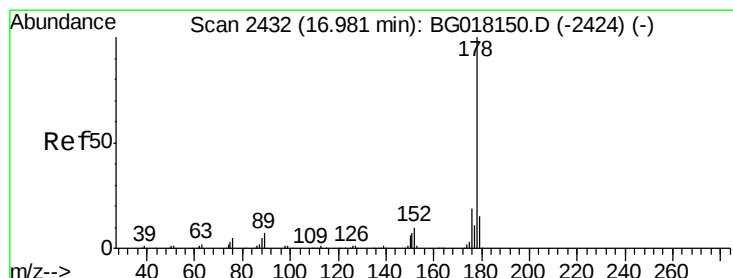
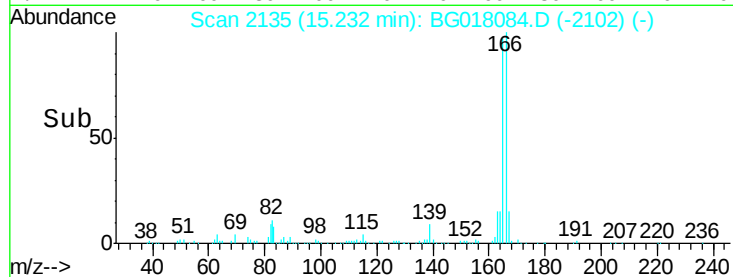
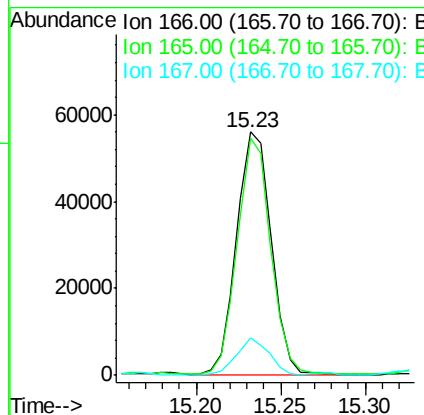
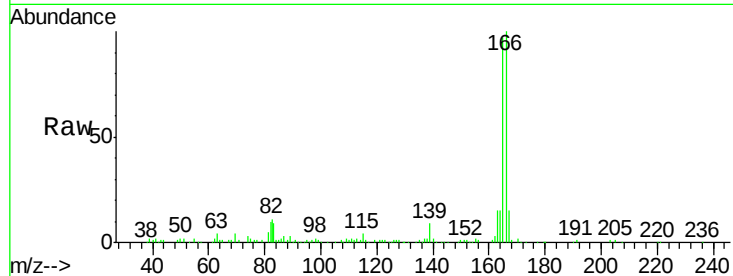
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	79941		
165	97.3		73.6	110.4
167	15.4		10.8	16.2

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#70

Phenanthrene

Concen: 50.97 ng/ul

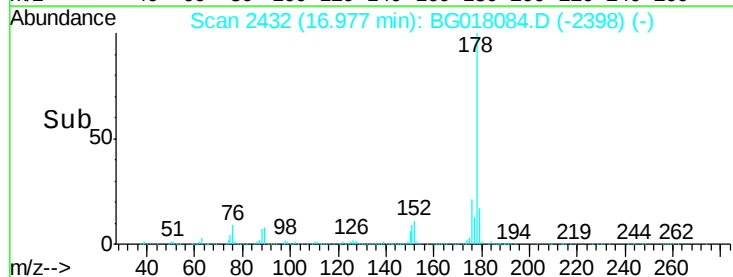
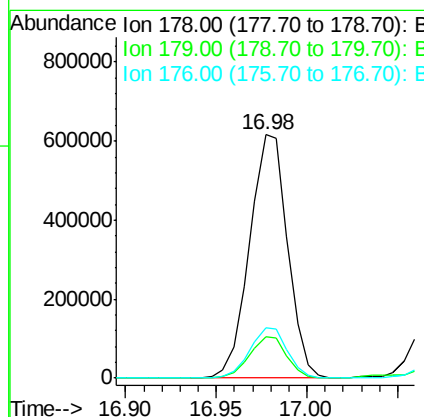
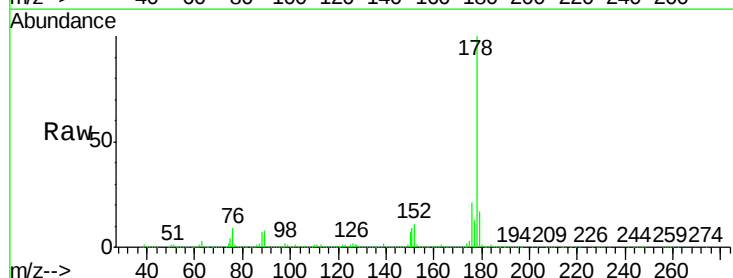
RT: 16.98 min Scan# 2432

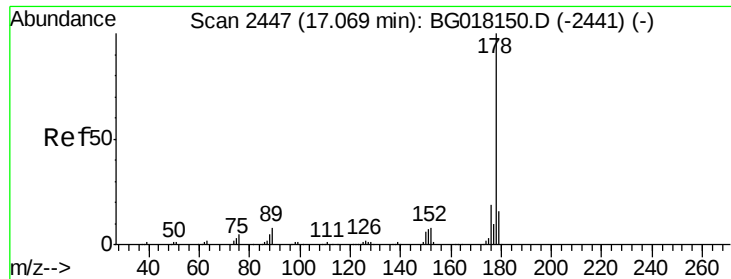
Delta R.T. 0.00 min

Lab File: BG018084.D

Acq: 24 Jul 2015 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	894686		
179	16.9		13.0	19.6
176	20.7		15.8	23.8





#72

Anthracene

Concen: 12.04 ng/ul

RT: 17.07 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BG018084.D

Acq: 24 Jul 2015 2:42

Instrument :

BNA_G

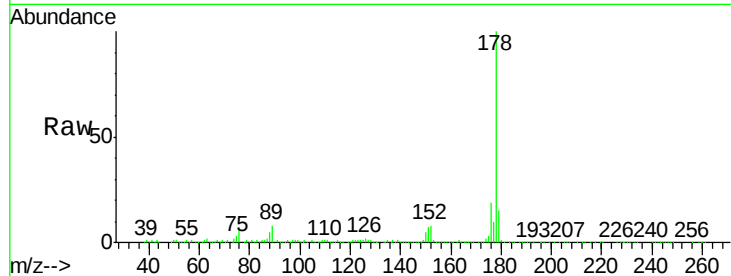
ClientSampleId :

C01K6

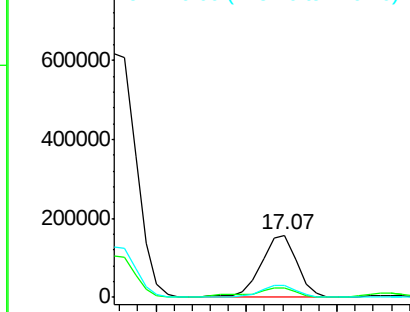
Tgt Ion:	178	Resp:	214573
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.4	18.6
176	19.1	15.8	23.8

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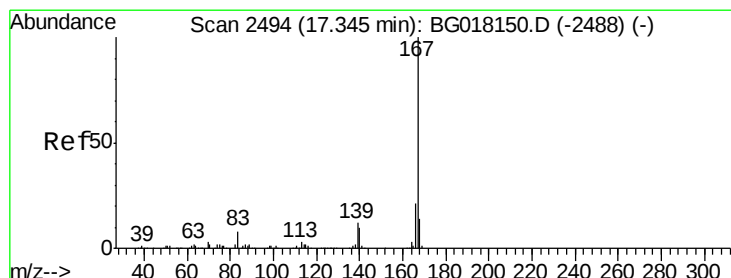
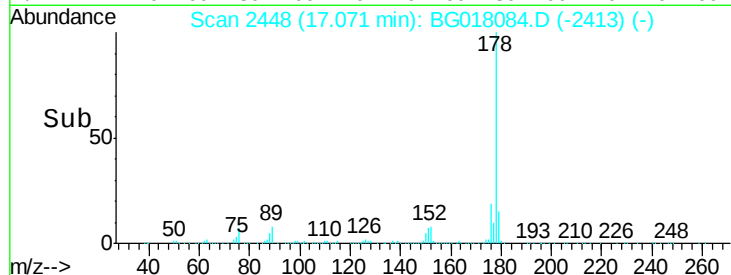
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#75

Carbazole

Concen: 5.62 ng/ul

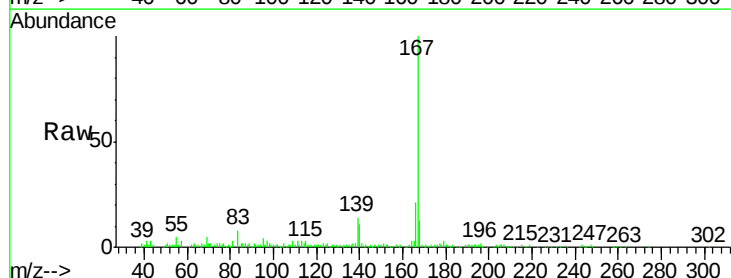
RT: 17.34 min Scan# 2494

Delta R.T. 0.00 min

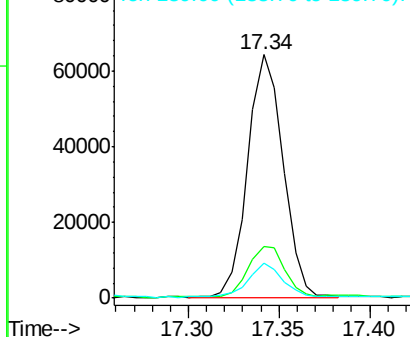
Lab File: BG018084.D

Acq: 24 Jul 2015 2:42

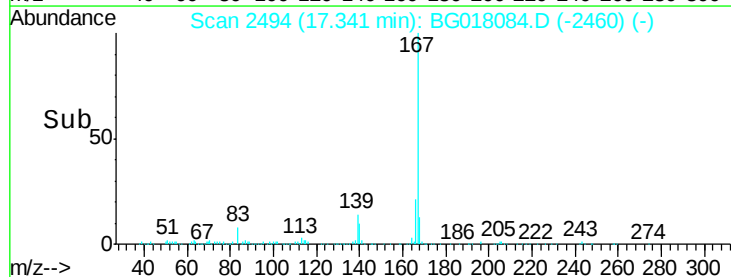
Tgt Ion:	167	Resp:	86732
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.4	26.2
139	14.4	10.6	15.8

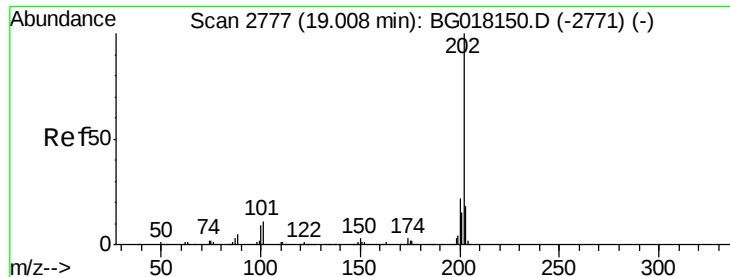


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->





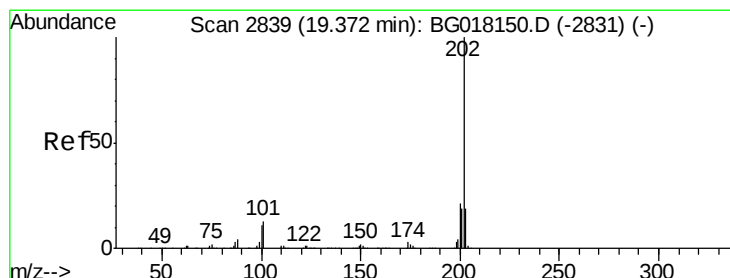
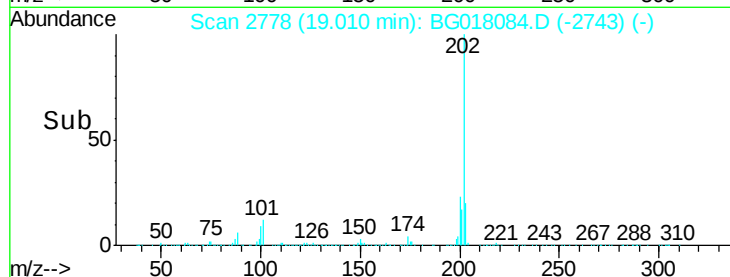
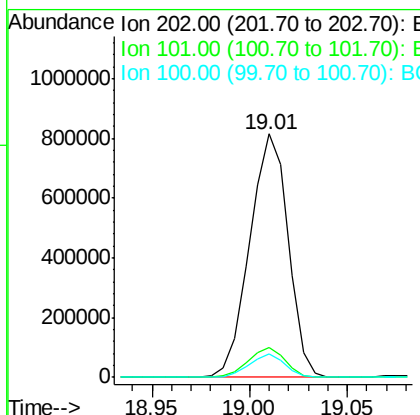
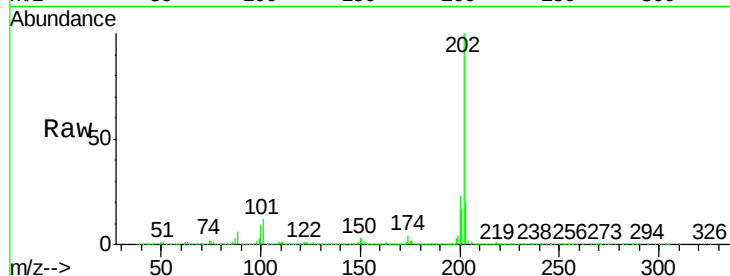
#77
 Fluoranthene
 Concen: 59.35 ng/ul
 RT: 19.01 min Scan# 2778
 Delta R.T. 0.01 min
 Lab File: BG018084.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.1	13.7
100	9.4	7.5	11.3

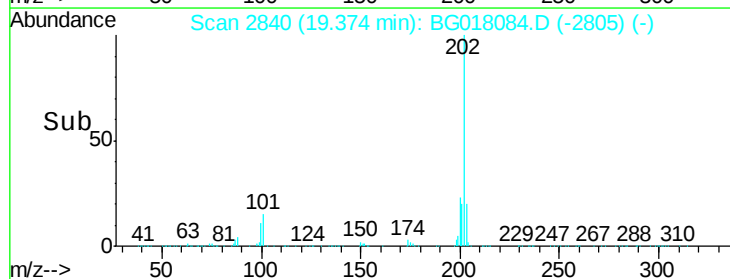
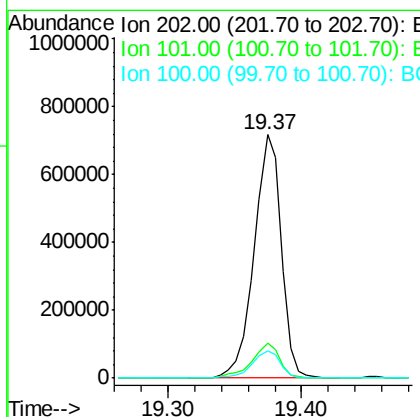
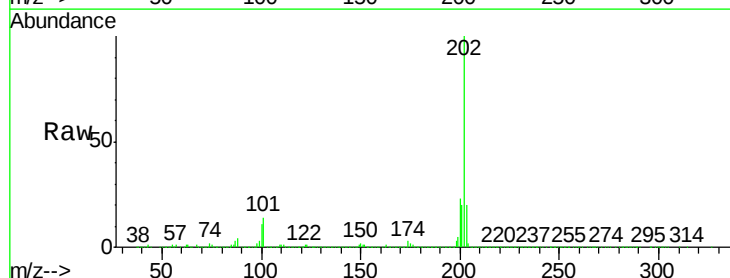
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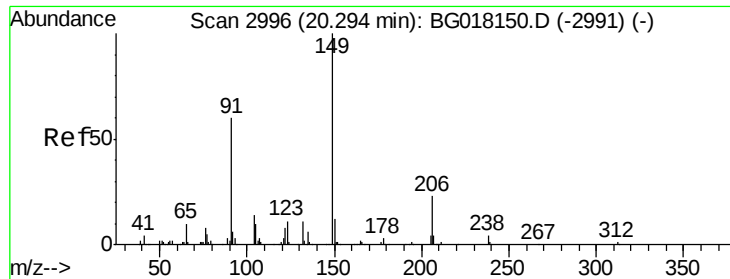
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#80
 Pyrene
 Concen: 47.33 ng/ul
 RT: 19.37 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BG018084.D
 Acq: 24 Jul 2015 2:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.9	16.3
100	11.4	8.5	12.7





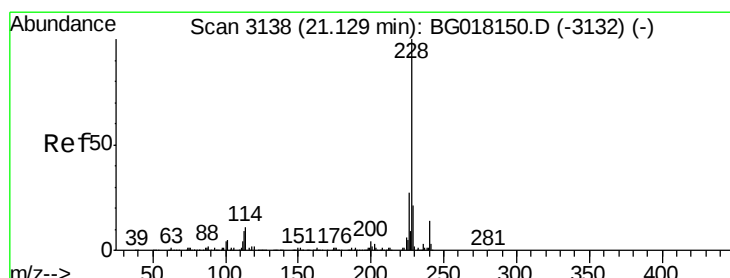
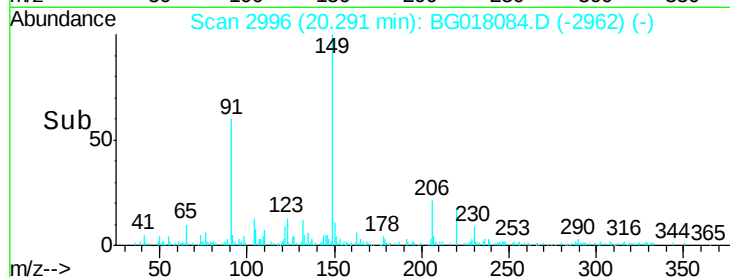
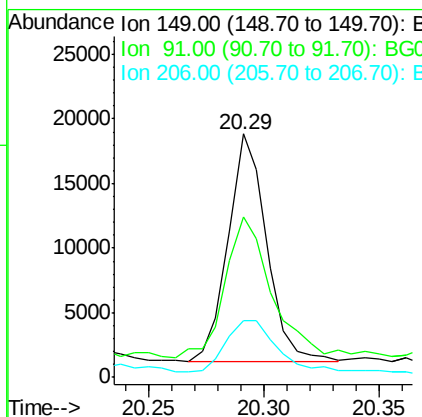
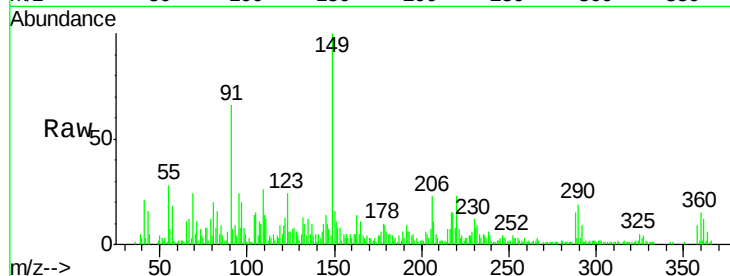
#81
Butylbenzylphthalate
Concen: 2.39 ng/ul
RT: 20.29 min Scan# 2996
Delta R.T. 0.00 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampled :
C01K6

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	65.7	51.1	76.7
206	23.1	19.9	29.9

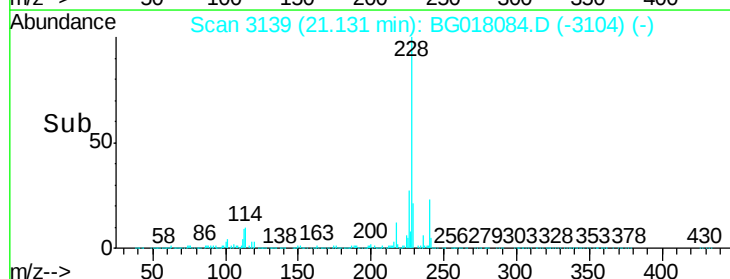
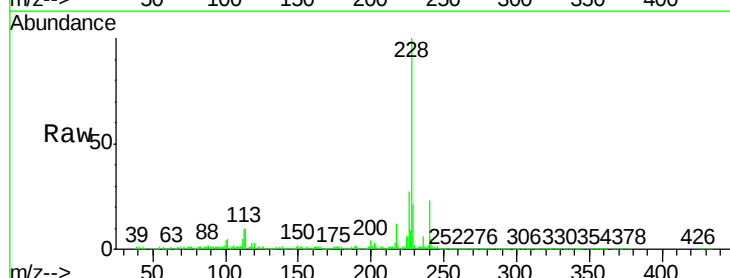
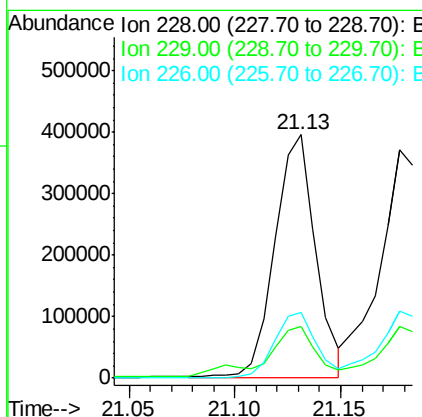
Manual Integrations
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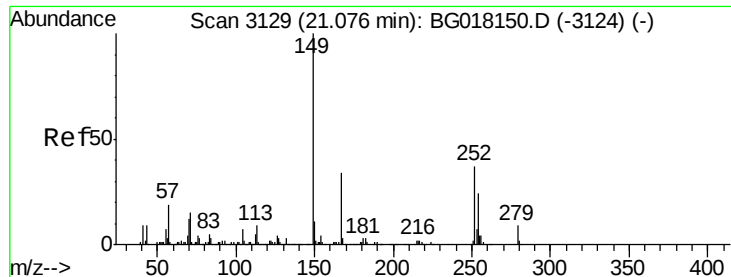
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#83
Benzo(a)anthracene
Concen: 27.26 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.2	16.6	24.8
226	27.0	21.1	31.7





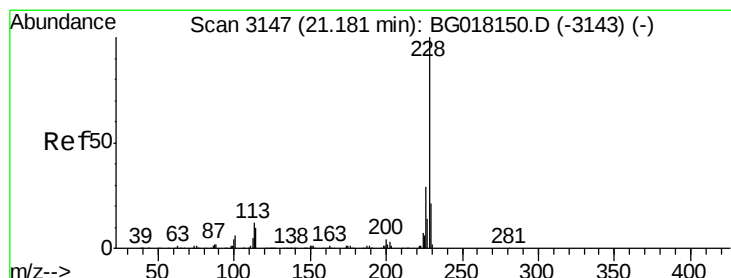
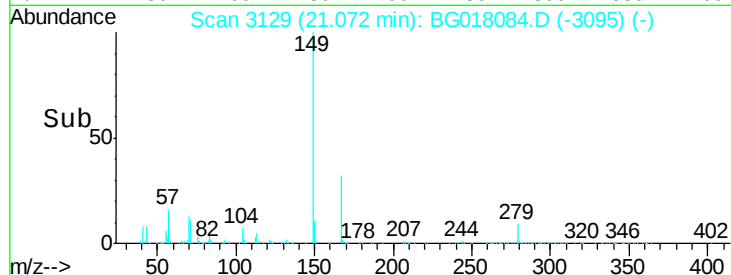
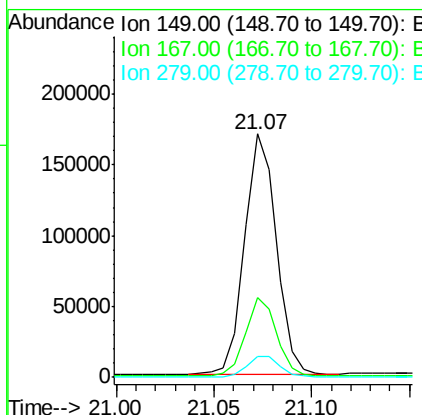
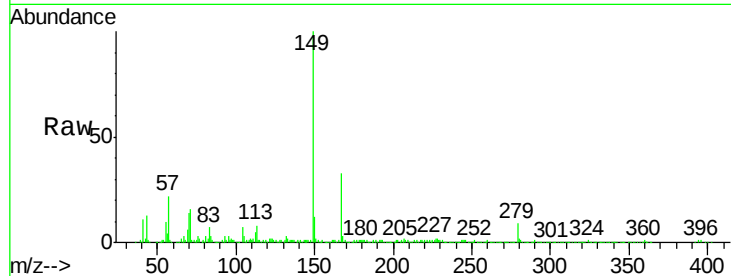
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 15.67 ng/ul
 RT: 21.07 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG018084.D
 Acq: 24 Jul 2015 2:42

Instrument :
 BNA_G
 ClientSampleId :
 C01K6

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	32.5	26.2	39.4
279	8.7	7.2	10.8

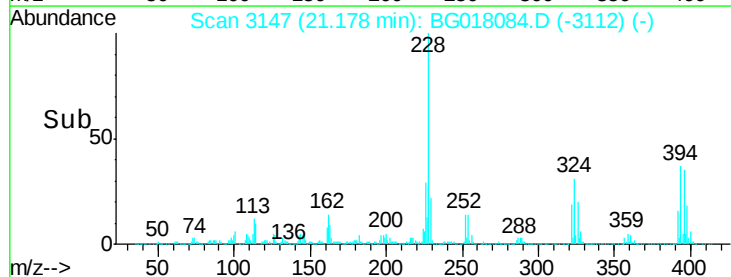
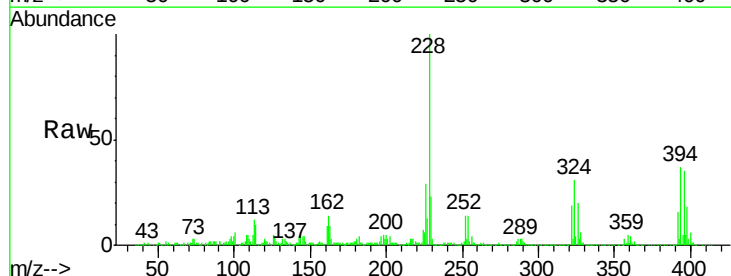
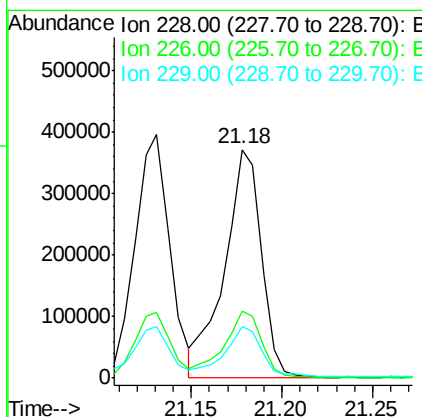
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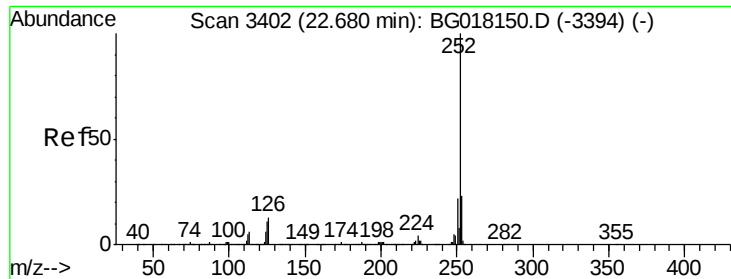
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#85
 Chrysene
 Concen: 28.57 ng/ul
 RT: 21.18 min Scan# 3147
 Delta R.T. 0.01 min
 Lab File: BG018084.D
 Acq: 24 Jul 2015 2:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.4	22.9	34.3
229	22.9	15.6	23.4





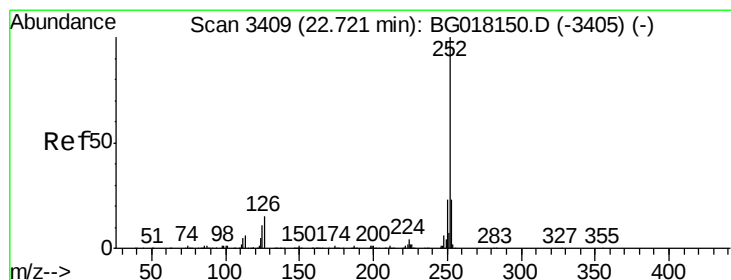
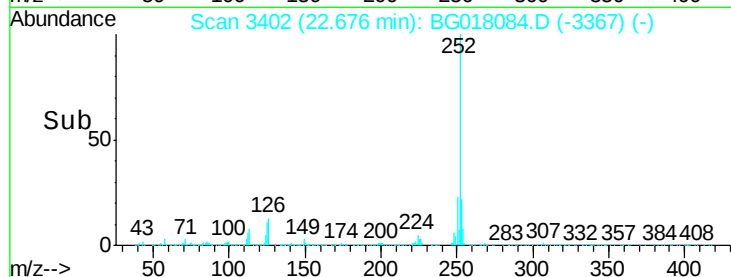
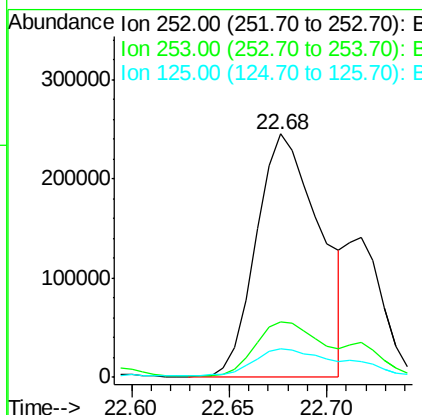
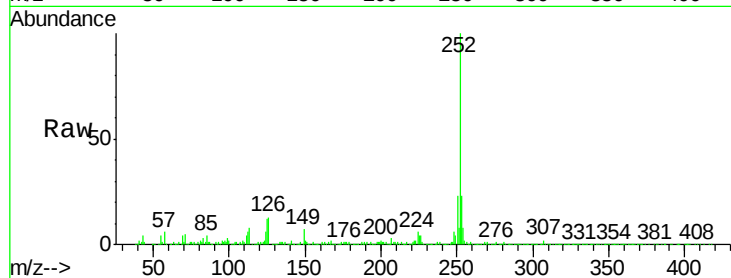
#88
Benzo(b)fluoranthene
Concen: 26.85 ng/ul
RT: 22.68 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :
C01K6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.7	18.5	27.7
125	11.6	9.1	13.7

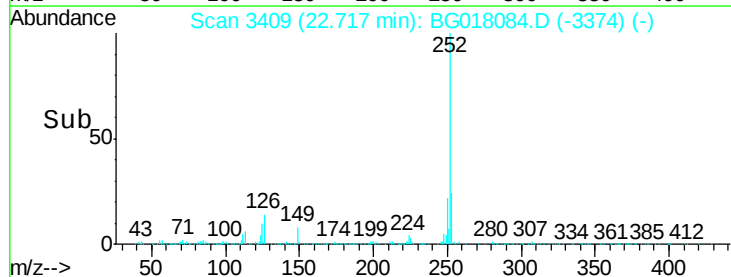
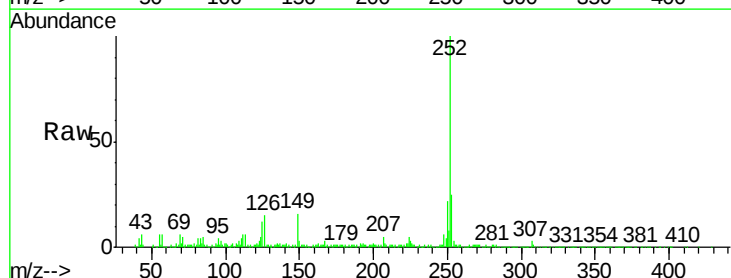
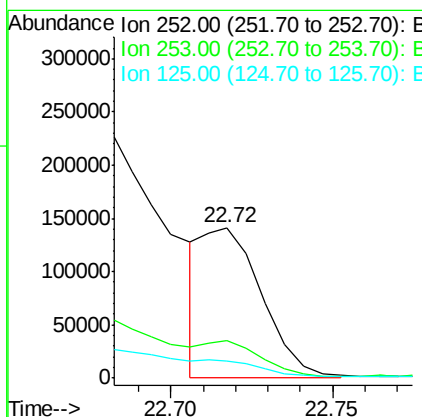
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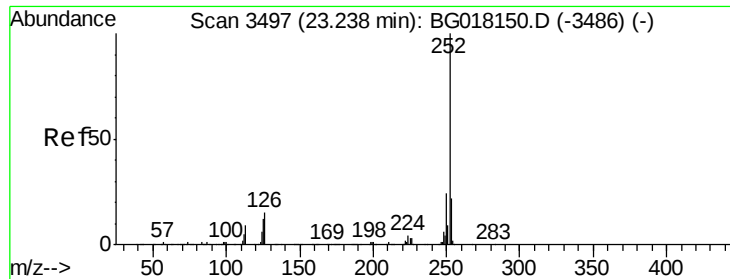
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#89
Benzo(k)fluoranthene
Concen: 9.09 ng/ul m
RT: 22.72 min Scan# 3409
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.6	17.8	26.8
125	11.6	9.3	13.9





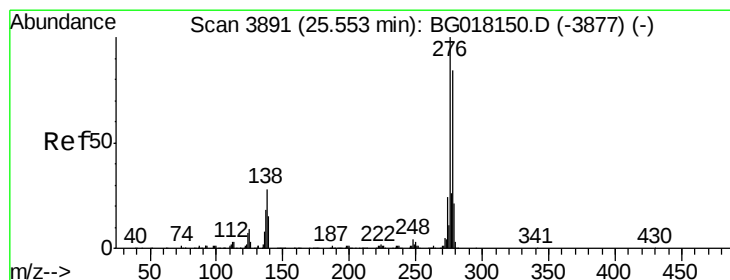
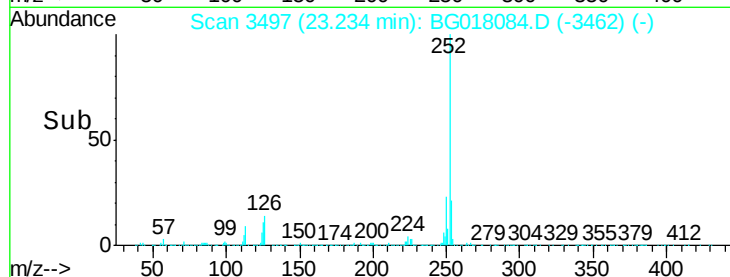
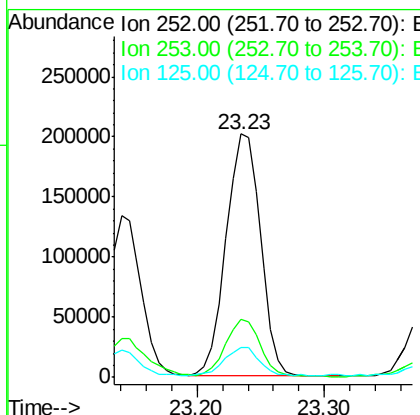
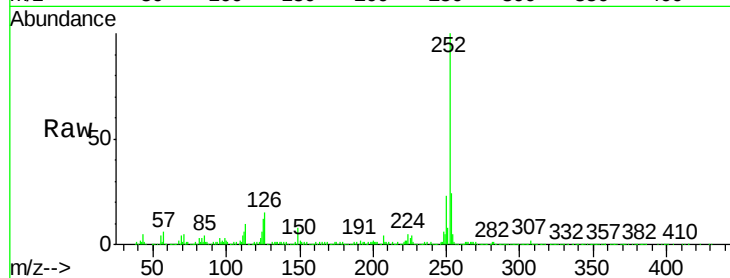
#91
Benzo(a)pyrene
Concen: 19.04 ng/ul
RT: 23.23 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampled :
C01K6

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	18.0	27.0
125	12.4	10.2	15.2

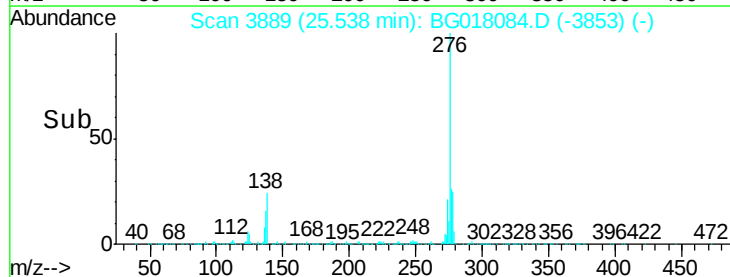
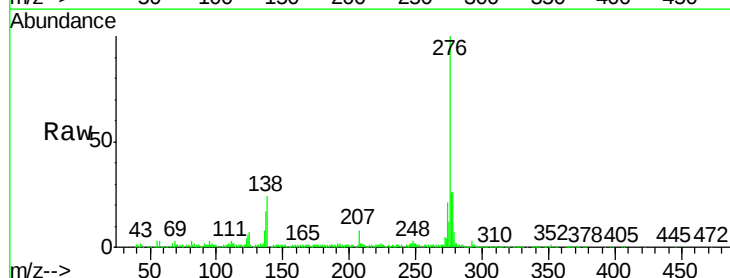
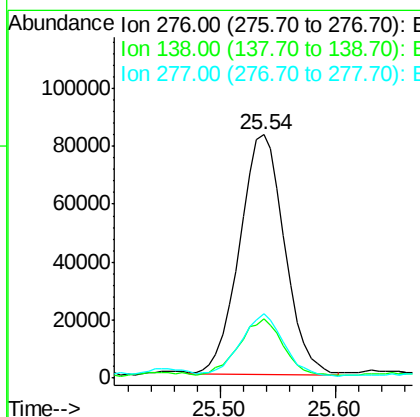
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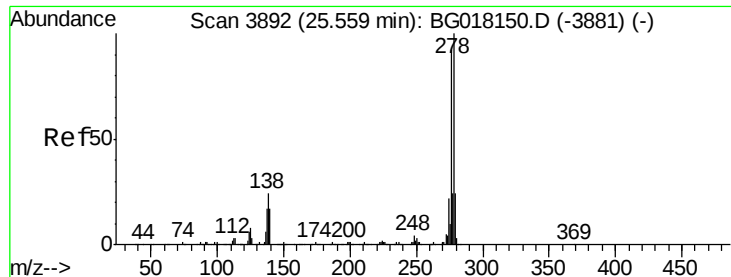
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#92
Indeno(1,2,3-cd)pyrene
Concen: 9.75 ng/ul
RT: 25.54 min Scan# 3889
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	24.4	22.6	33.8
277	26.3	19.8	29.8





#93

Dibenzo(a,h)anthracene

Concen: 3.41 ng/ul

RT: 25.54 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BG018084.D

Acq: 24 Jul 2015 2:42

Instrument :

BNA_G

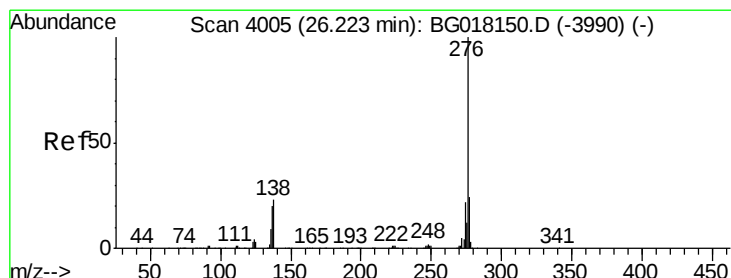
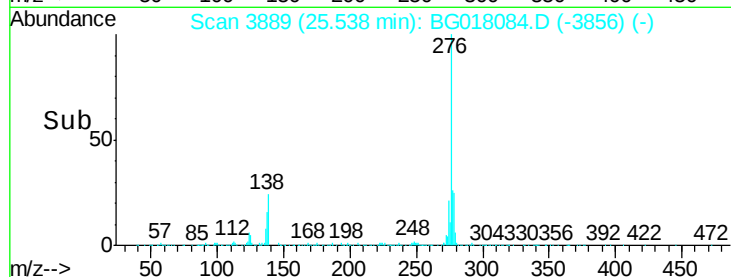
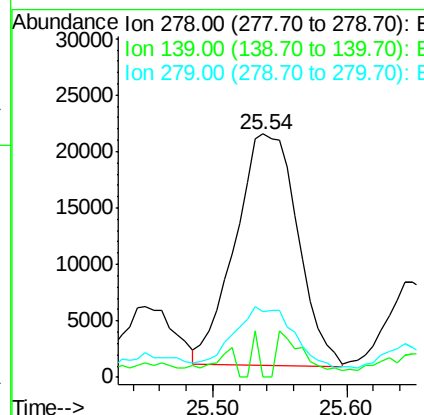
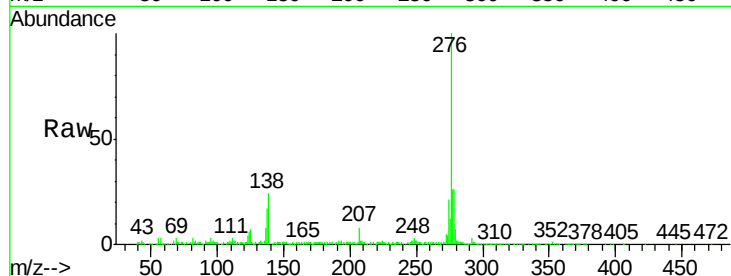
ClientSampleId :

C01K6

Tgt Ion:	278	Resp:	66830
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.7	20.5#
279	26.9	18.1	27.1

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 4.87 ng/ul

RT: 26.21 min Scan# 4004

Delta R.T. 0.01 min

Lab File: BG018084.D

Acq: 24 Jul 2015 2:42

Tgt Ion:	276	Resp:	92411
Ion Ratio	Lower	Upper	
276	100		
138	21.8	18.8	28.2
277	23.3	19.3	28.9

