

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8

Manual Integrations
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 5/13/2016 8:11:01 PM

Quant Time: May 13 05:28:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	65100	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	356307	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	216044	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	447179	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	469026	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	492681m	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	2973	2.20	ng/uL	0.00
5) Phenol-d5	7.32	99	62795	13.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	29202	12.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	64830	17.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	67246m	16.57	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	29487	12.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	41236m	27.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	66665	15.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	63407m	14.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	214707	14.15	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	282340	13.10	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	26427m	10.16	ng/ul	0.01
58) Fluorene-d10	15.78	176	191935	12.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	6295m	5.08	ng/ul	0.00
71) Anthracene-d10	17.63	188	277508	12.75	ng/ul	0.00
77) Pyrene-d10	19.91	212	287547	13.10	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	272131m	11.63	ng/ul	0.01

Target Compounds

						Qvalue
45) Dimethylphthalate	14.24	163	33098	2.14	ng/ul	98
50) Acenaphthene	14.86	153	32587	2.12	ng/ul	95
70) Phenanthrene	17.58	178	372301	15.23	ng/ul	97
72) Anthracene	17.67	178	72093	2.90	ng/ul	97
73) Carbazole	17.95	167	90098m	4.18	ng/ul	
75) Fluoranthene	19.59	202	1300923	46.84	ng/ul#	91
78) Pyrene	19.94	202	1331069m	49.05	ng/ul	
81) Benzo(a)anthracene	21.81	228	1416179	54.26	ng/ul	92
82) Bis(2-ethylhexyl)phthalate	21.69	149	205351	20.97	ng/ul	96
83) Chrysene	21.88	228	1529330m	59.23	ng/ul	
86) Benzo(b)fluoranthene	24.13	252	3210767m	113.85	ng/ul	
87) Benzo(k)fluoranthene	24.19	252	1282857m	42.49	ng/ul	
89) Benzo(a)pyrene	25.04	252	2562083m	91.26	ng/ul	
90) Indeno(1,2,3-cd)pyrene	29.06	276	2480016m	74.54	ng/ul	
91) Dibenzo(a,h)anthracene	29.09	278	664681m	24.00	ng/ul	
92) Benzo(g,h,i)perylene	30.27	276	2135013m	77.75	ng/ul	

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

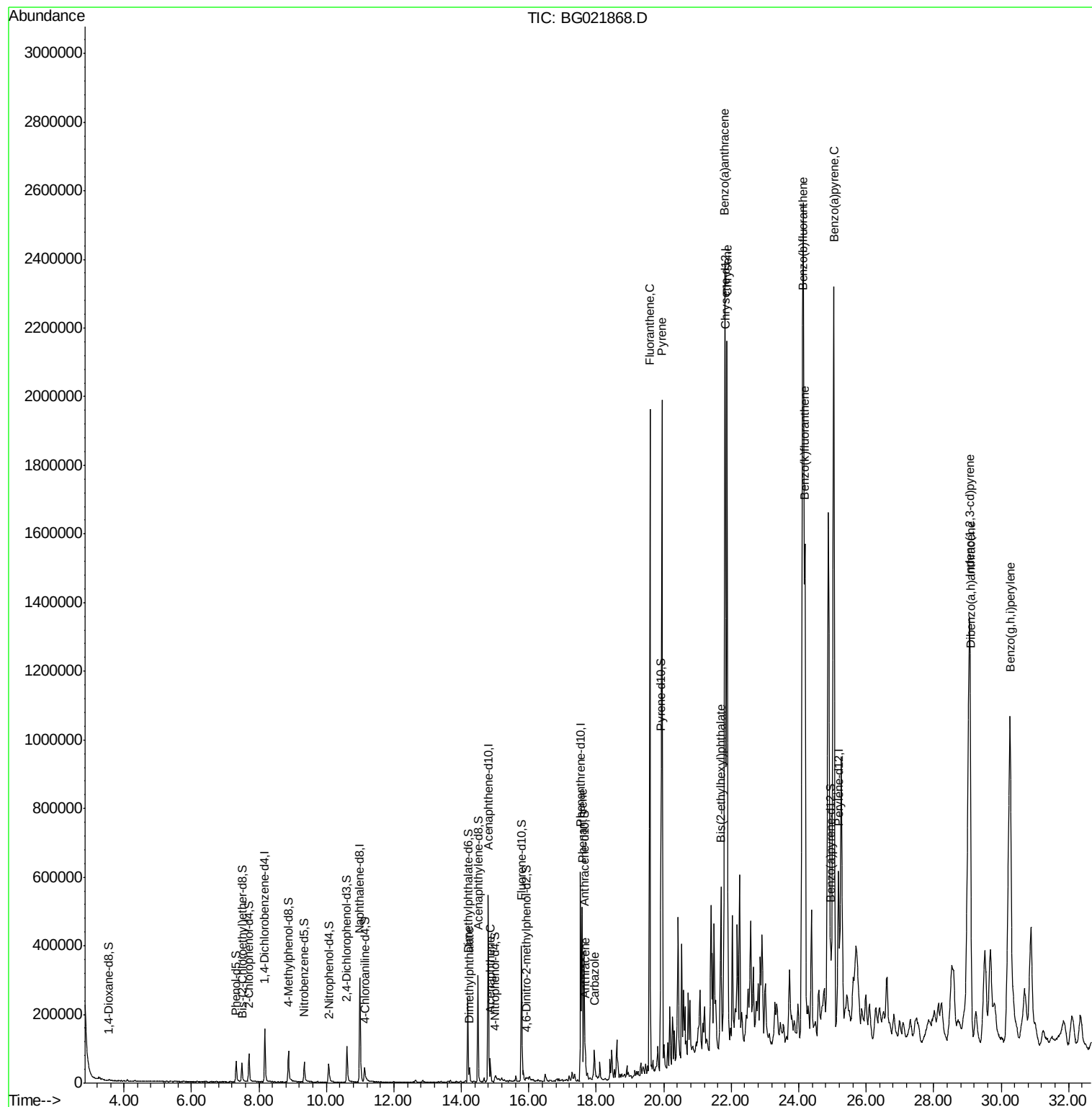
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

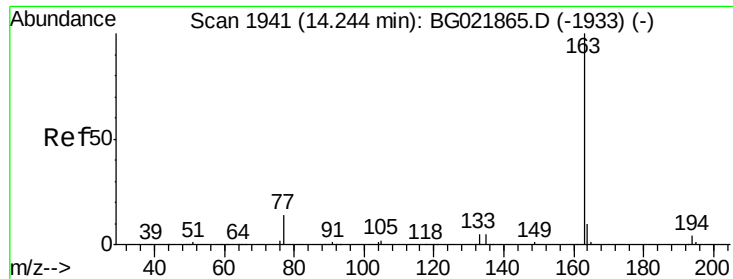
Instrument :
BNA_G
ClientSampleId :
D9WJ8

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Quant Time: May 13 05:28:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





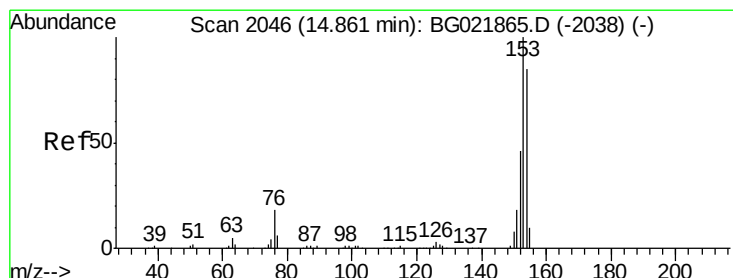
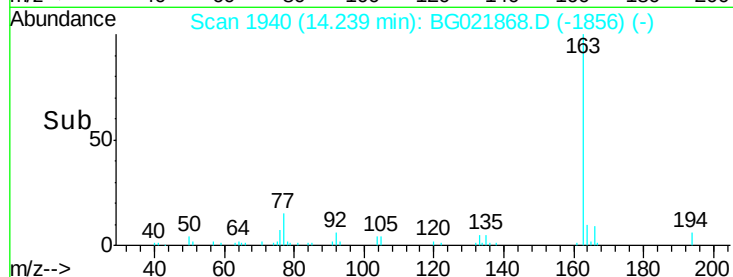
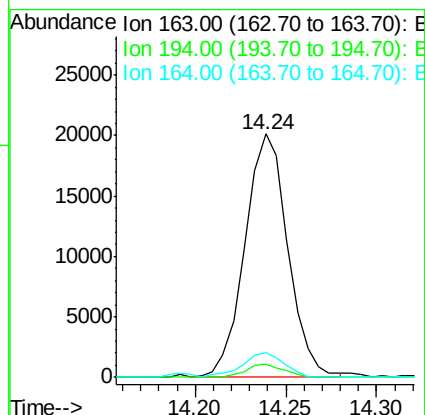
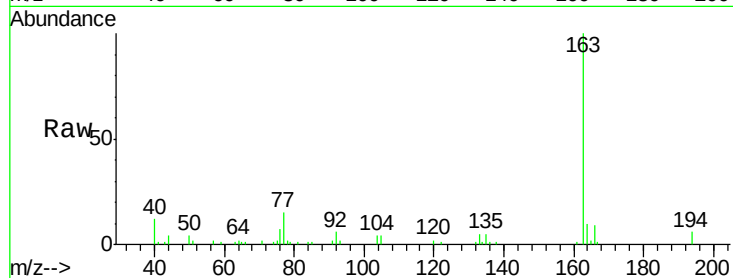
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Dimethylphthalate
Concen: 2.14 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Instrument :
BNA_G
ClientSampled :
D9WJ8

Tgt Ion:	163	Resp:	33098
Ion Ratio	Lower	Upper	
163	100		
194	5.7	3.9	5.9
164	10.4	8.7	13.1

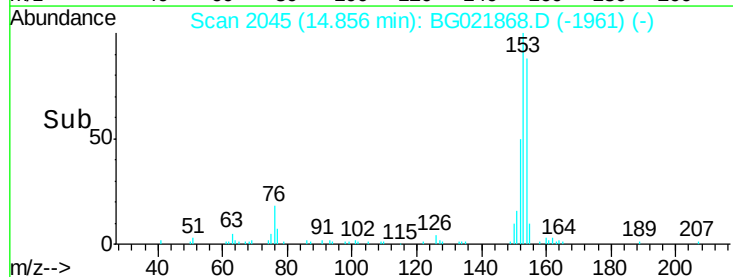
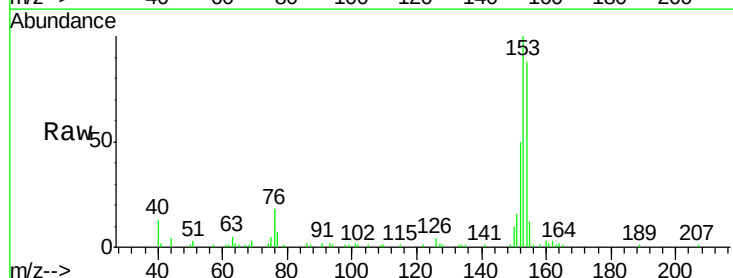
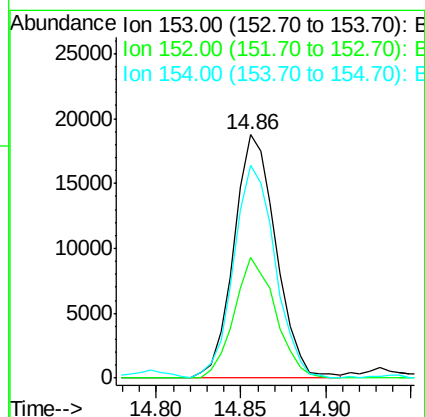
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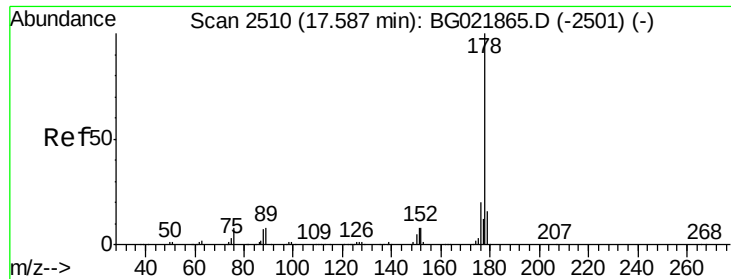
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#50
Acenaphthene
Concen: 2.12 ng/ul
RT: 14.86 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Tgt Ion:	153	Resp:	32587
Ion Ratio	Lower	Upper	
153	100		
152	49.5	36.5	54.7
154	87.6	67.3	100.9





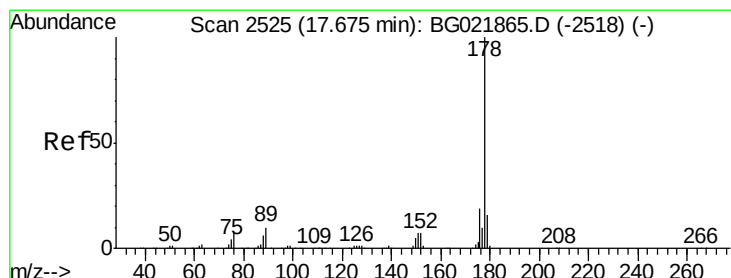
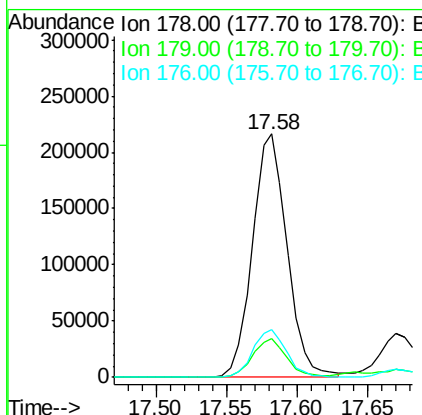
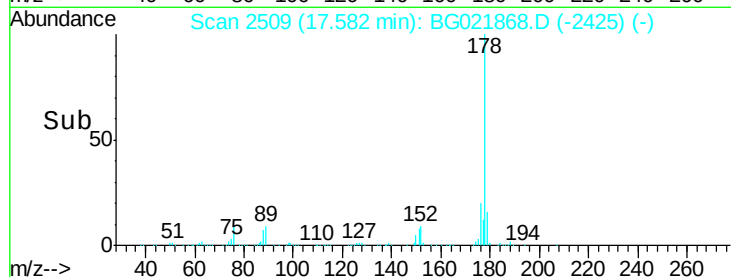
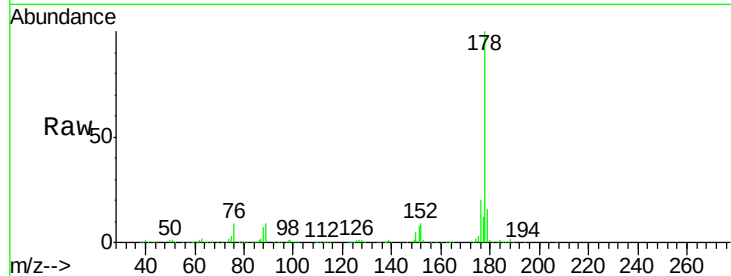
#70
Phenanthrene
Concen: 15.23 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	372301		
179	15.9	11.8	17.8	
176	19.7	14.8	22.2	

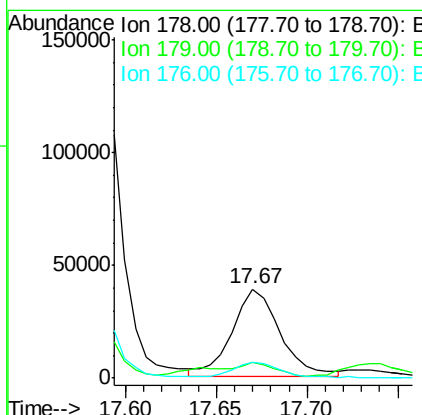
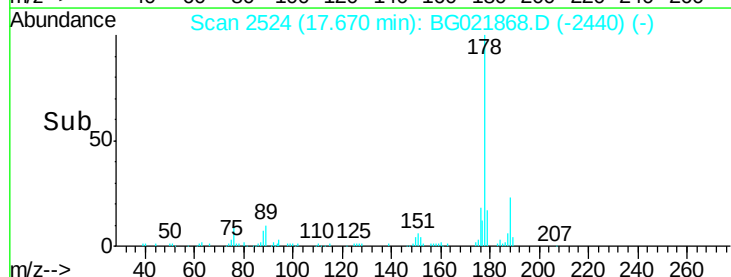
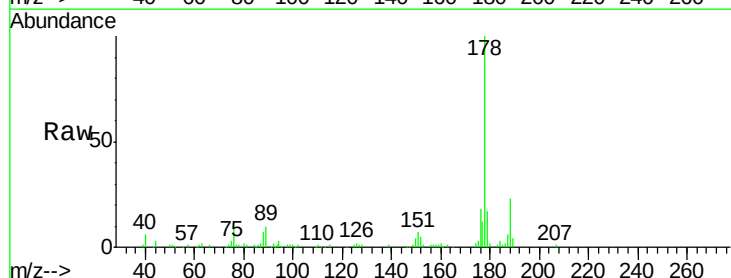
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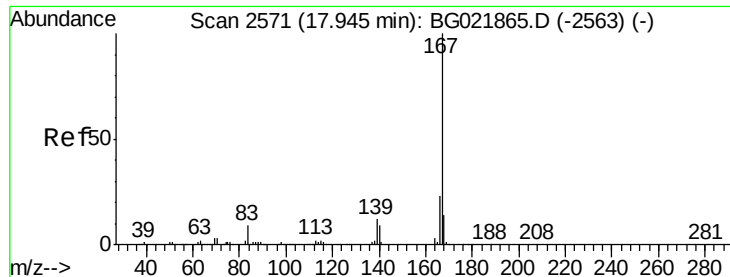
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#72
Anthracene
Concen: 2.90 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	72093		
179	17.3	12.9	19.3	
176	17.8	15.6	23.4	





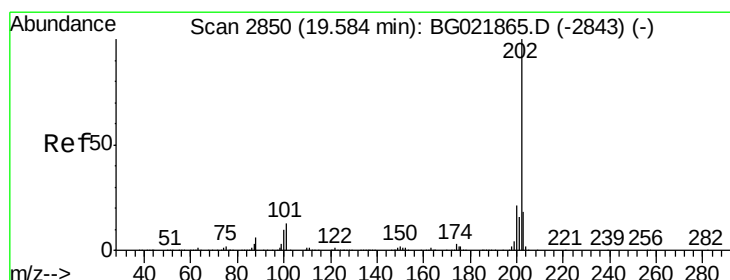
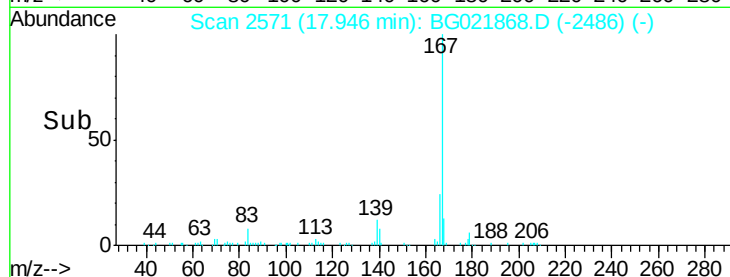
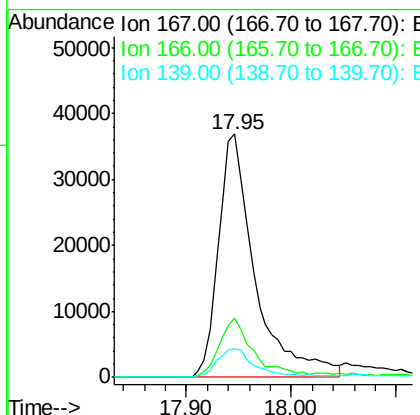
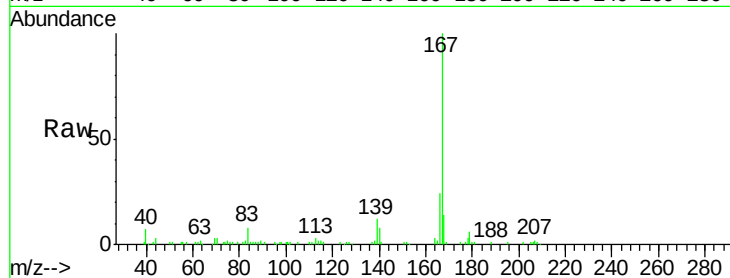
#73
 Carbazole
 Concen: 4.18 ng/ul m
 RT: 17.95 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG021868.D
 Acq: 12 May 2016 14:34

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.0	28.4
139	11.5	12.2	18.4

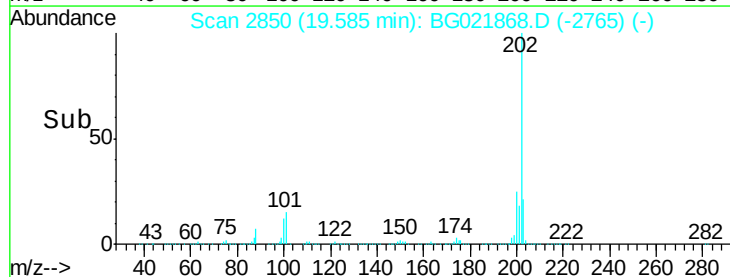
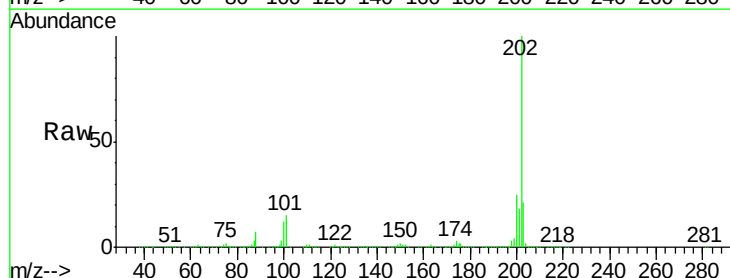
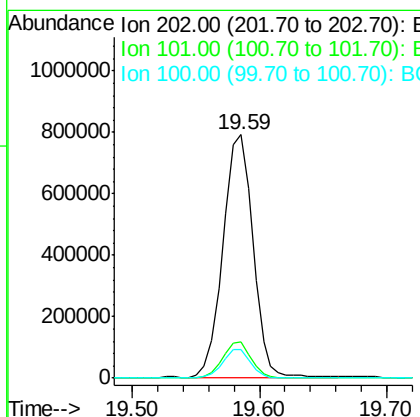
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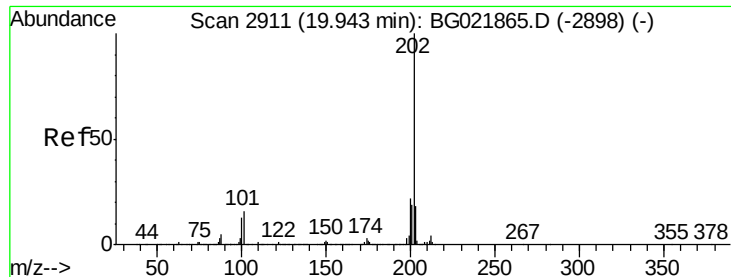
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#75
 Fluoranthene
 Concen: 46.84 ng/ul
 RT: 19.59 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BG021868.D
 Acq: 12 May 2016 14:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	8.9	13.3
100	11.6	7.0	10.4





#78

Pyrene

Concen: 49.05 ng/ul m

RT: 19.94 min Scan# 2911

Delta R.T. 0.00 min

Lab File: BG021868.D

Acq: 12 May 2016 14:34

Instrument :

BNA_G

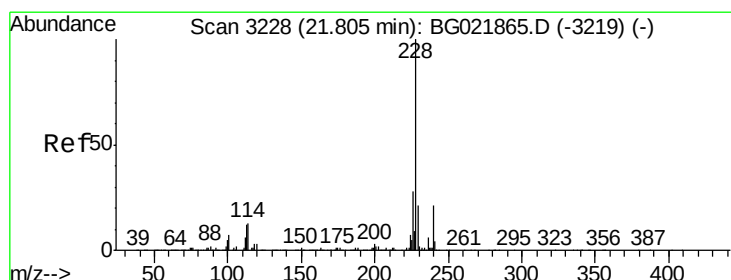
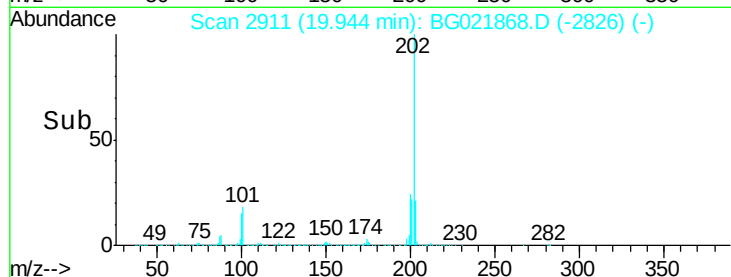
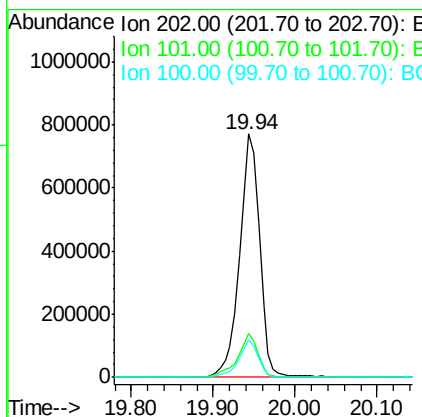
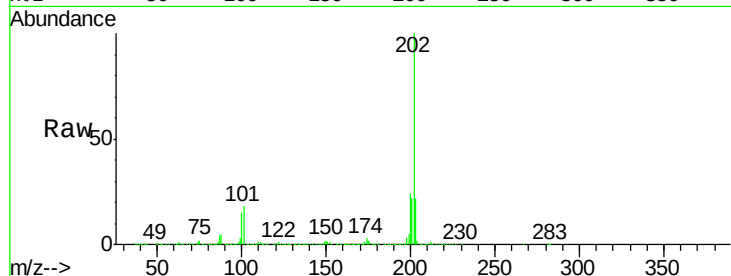
ClientSampled :

D9WJ8

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.1	9.8	14.8#
100	15.3	9.3	13.9#

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#81

Benzo(a)anthracene

Concen: 54.26 ng/ul

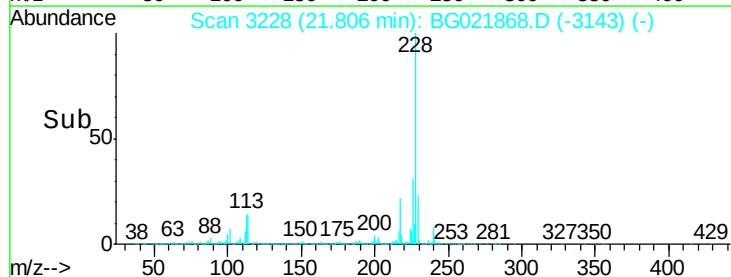
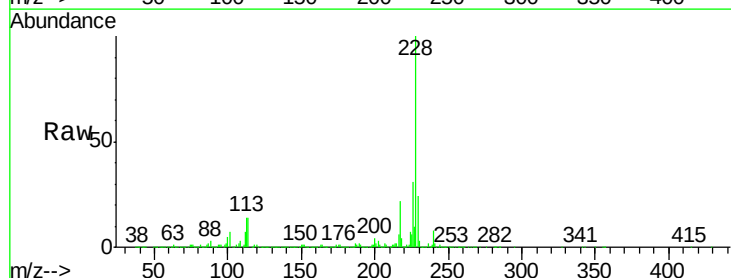
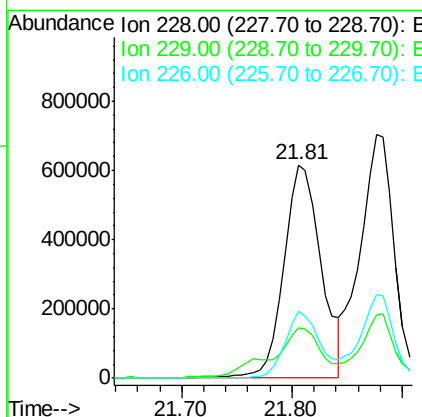
RT: 21.81 min Scan# 3228

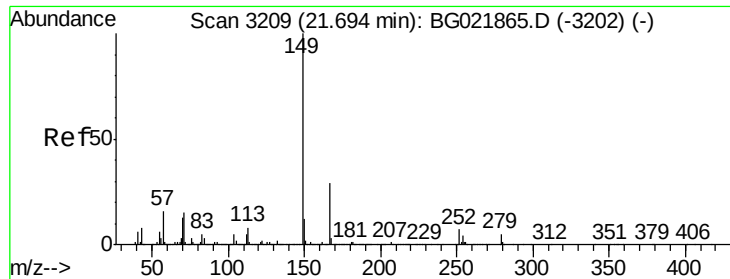
Delta R.T. 0.00 min

Lab File: BG021868.D

Acq: 12 May 2016 14:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.7	16.6	25.0
226	31.2	21.0	31.4





#82

Bis(2-ethylhexyl)phthalate

Concen: 20.97 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. 0.00 min

Lab File: BG021868.D

Acq: 12 May 2016 14:34

Instrument :

BNA_G

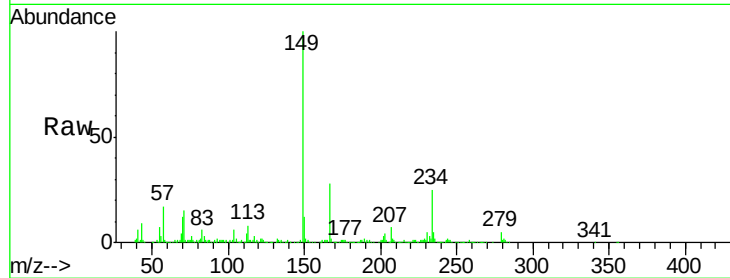
ClientSampled :

D9WJ8

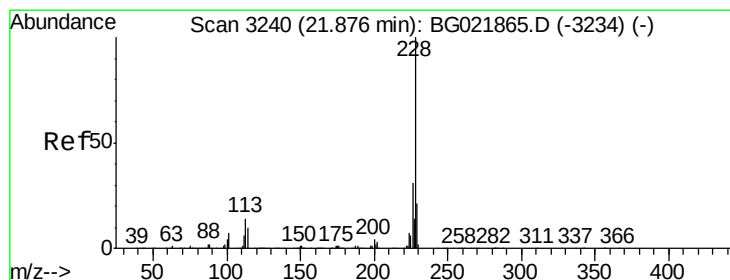
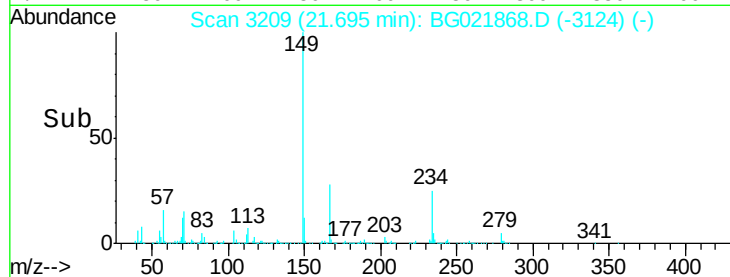
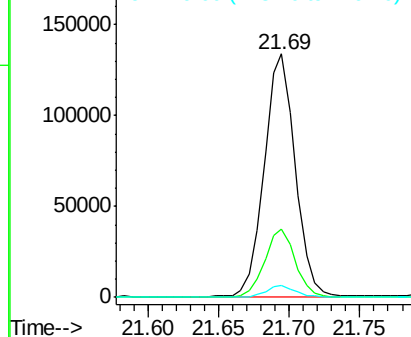
Tgt Ion:	149	Resp:	205351
Ion Ratio	Lower	Upper	
149	100		
167	28.0	20.5	30.7
279	5.2	3.7	5.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#83

Chrysene

Concen: 59.23 ng/ul m

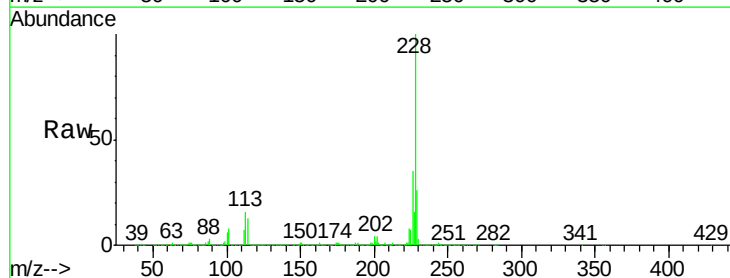
RT: 21.88 min Scan# 3240

Delta R.T. 0.00 min

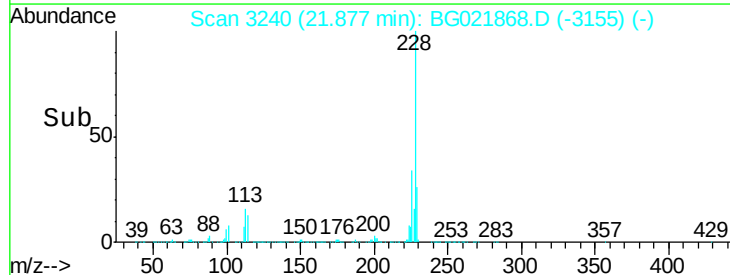
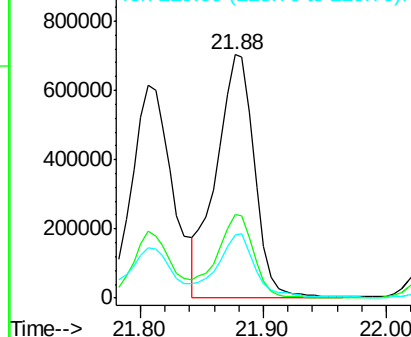
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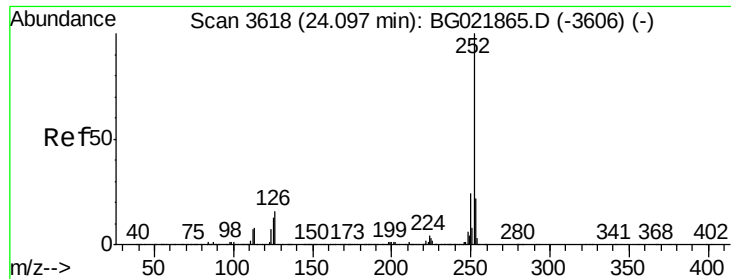
Acq: 12 May 2016 14:34

Tgt Ion:	228	Resp:	1529330
Ion Ratio	Lower	Upper	
228	100		
226	34.5	23.4	35.2
229	25.9	16.2	24.2#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





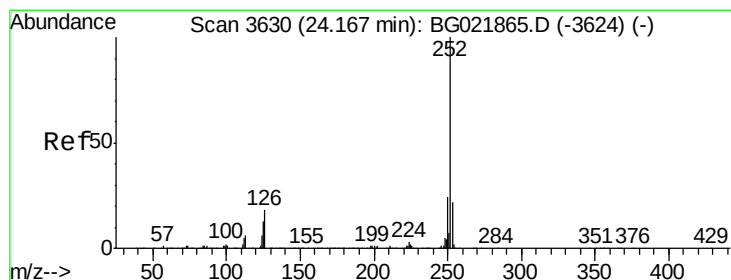
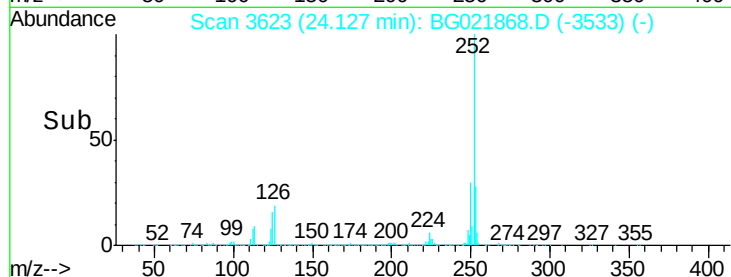
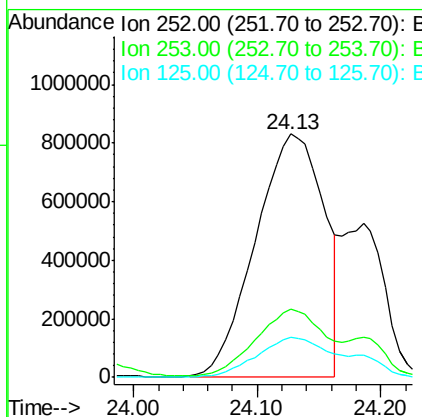
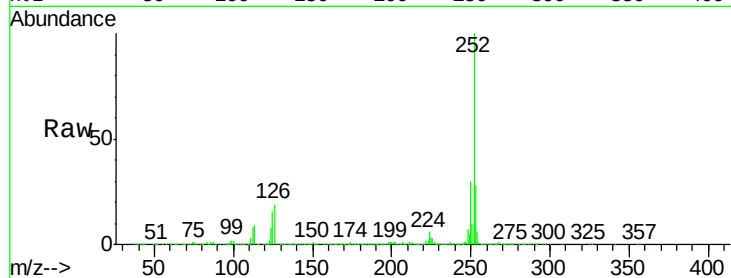
#86
Benzo(b)fluoranthene
Concen: 113.85 ng/ul m
RT: 24.13 min Scan# 3623
Delta R.T. 0.03 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.1	27.1#
125	16.3	7.6	11.4#

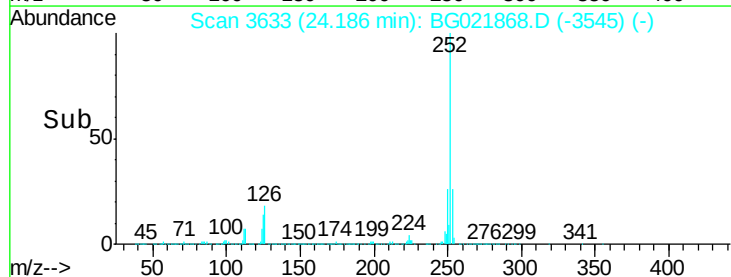
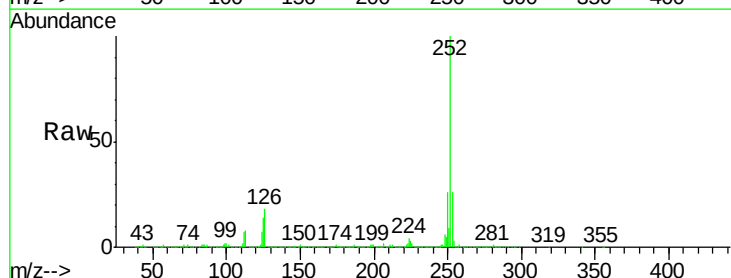
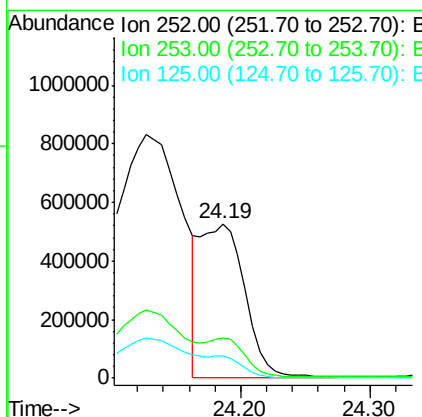
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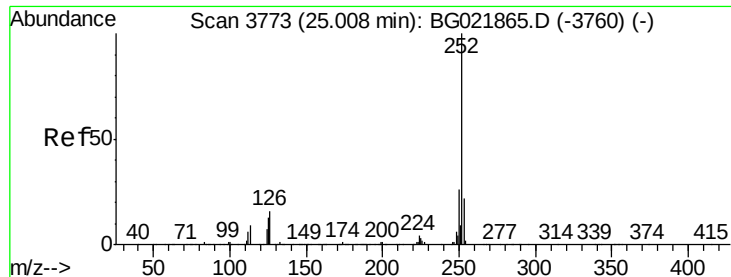
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#87
Benzo(k)fluoranthene
Concen: 42.49 ng/ul m
RT: 24.19 min Scan# 3633
Delta R.T. 0.02 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.8
125	14.2	7.7	11.5#





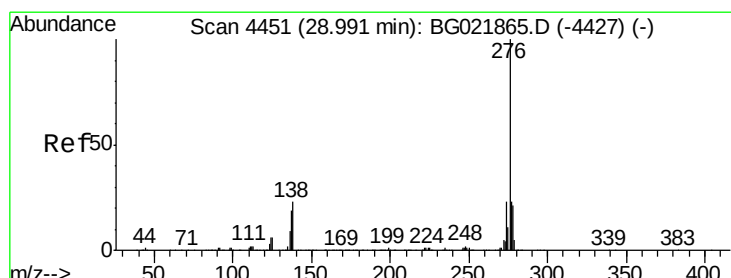
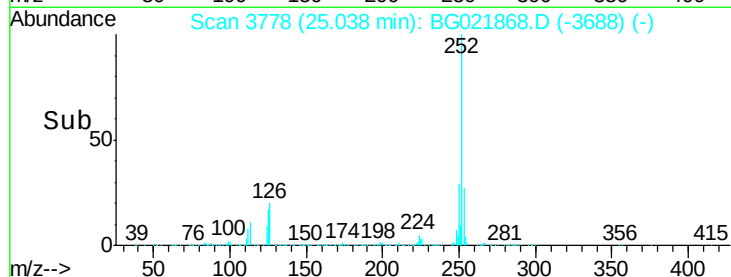
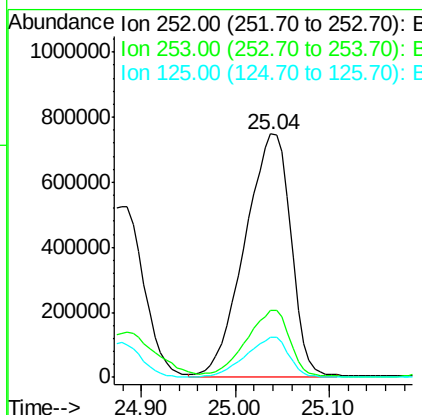
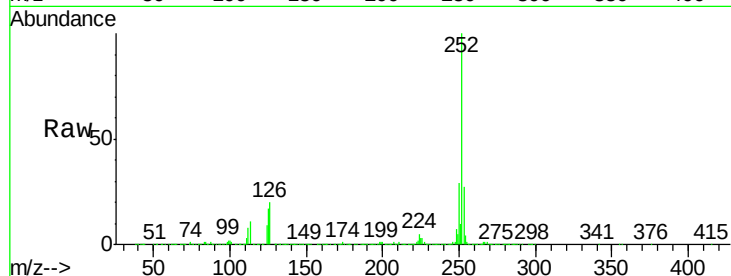
#89
Benzo(a)pyrene
Concen: 91.26 ng/ul m
RT: 25.04 min Scan# 3778
Delta R.T. 0.03 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Instrument :
BNA_G
ClientSampled :
D9WJ8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.4	26.0#
125	16.6	8.2	12.2#

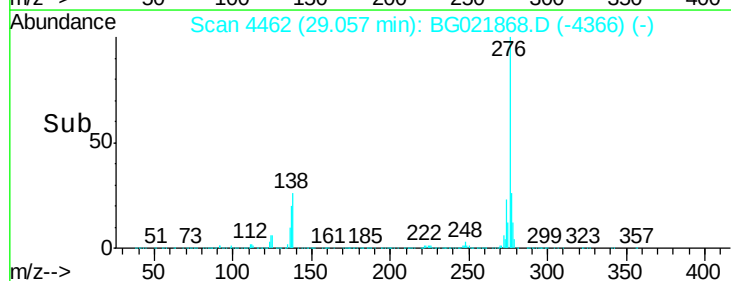
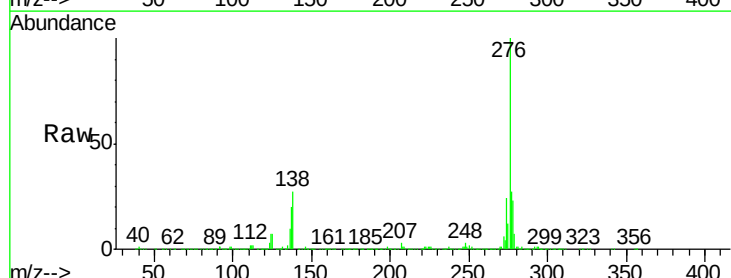
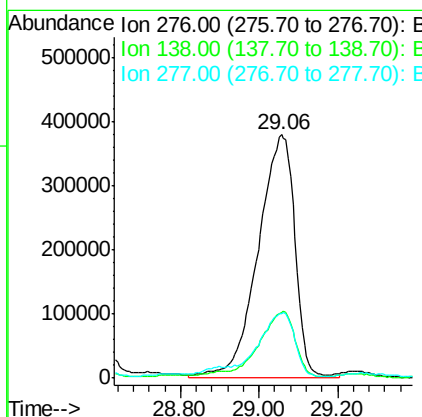
Manual Integrations
APPROVED

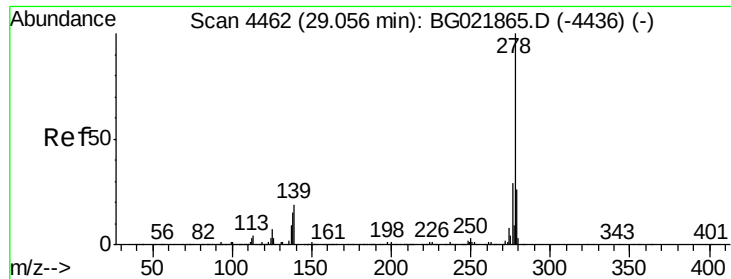
sohil
5/13/2016 8:11:01 PM



#90
Indeno(1,2,3-cd)pyrene
Concen: 74.54 ng/ul m
RT: 29.06 min Scan# 4462
Delta R.T. 0.07 min
Lab File: BG021868.D
Acq: 12 May 2016 14:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	15.8	23.6#
277	26.7	19.0	28.6





#91

Dibenzo(a,h)anthracene

Concen: 24.00 ng/ul m

RT: 29.09 min Scan# 4468

Delta R.T. 0.04 min

Lab File: BG021868.D

Acq: 12 May 2016 14:34

Instrument :

BNA_G

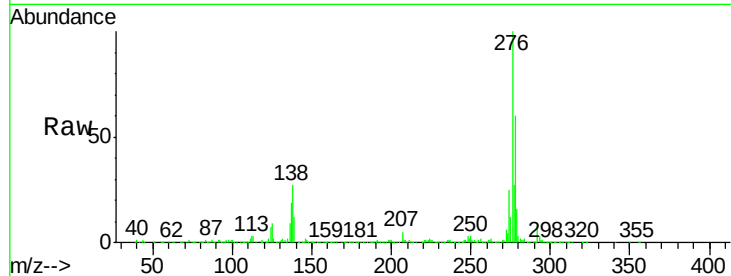
ClientSampleId :

D9WJ8

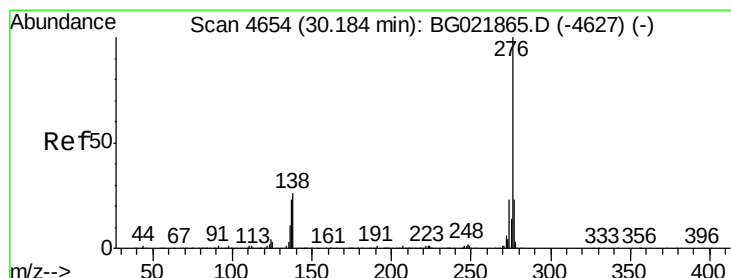
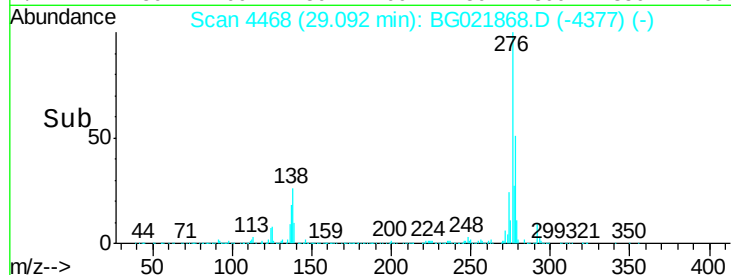
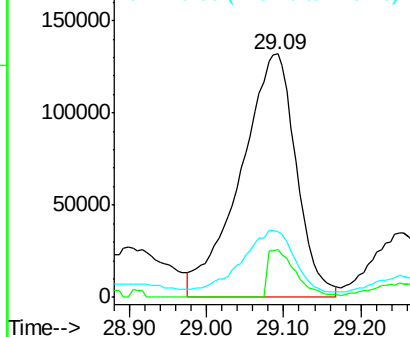
Tgt Ion:	278	Resp:	664681
Ion Ratio	Lower	Upper	
278	100		
139	19.9	12.1	18.1#
279	27.1	19.8	29.8

Manual Integrations
APPROVED

sohil
5/13/2016 8:11:01 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 77.75 ng/ul m

RT: 30.27 min Scan# 4668

Delta R.T. 0.08 min

Lab File: BG021868.D

Acq: 12 May 2016 14:34

Tgt Ion:	276	Resp:	2135013
Ion Ratio	Lower	Upper	
276	100		
138	26.4	13.9	20.9#
277	25.7	19.8	29.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

