

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021874.D
 Acq On : 12 May 2016 18:34
 Operator : UM/SJ
 Sample : H2936-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK1

Manual Integrations
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Quant Time: May 13 12:30:58 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	8.17	152	68841	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	389360	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	238516	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	495966	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	480087	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	484806	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	5537m	3.88	ng/uL	0.00
5) Phenol-d5	7.32	99	150500	29.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	65703	25.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	136698	34.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	136855	31.90	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	66947	26.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	83627m	51.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	147688	32.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	119899m	24.34	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	437121	26.09	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	589244	24.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	70961m	24.71	ng/ul	0.00
58) Fluorene-d10	15.78	176	399101	22.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	27700m	20.16	ng/ul	0.00
71) Anthracene-d10	17.64	188	537534	22.27	ng/ul	0.00
77) Pyrene-d10	19.91	212	556194m	24.75	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	532125	23.10	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.24	163	73819	4.33	ng/ul#	98
70) Phenanthrene	17.58	178	225589	8.32	ng/ul	96
72) Anthracene	17.67	178	48885	1.77	ng/ul	99
73) Carbazole	17.94	167	28855m	1.21	ng/ul	
75) Fluoranthene	19.58	202	459941	14.93	ng/ul#	94
78) Pyrene	19.94	202	399007m	14.37	ng/ul	
81) Benzo(a)anthracene	21.80	228	256413	9.60	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.69	149	60696	6.06	ng/ul	99
83) Chrysene	21.87	228	265412	10.04	ng/ul	96
86) Benzo(b)fluoranthene	24.10	252	428535	15.44	ng/ul#	97
87) Benzo(k)fluoranthene	24.16	252	145722m	4.91	ng/ul	
89) Benzo(a)pyrene	25.01	252	270919	9.81	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	28.99	276	202761	6.19	ng/ul#	92
91) Dibenzo(a,h)anthracene	29.03	278	48743m	1.79	ng/ul	
92) Benzo(g,h,i)perylene	30.19	276	167898m	6.21	ng/ul	

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

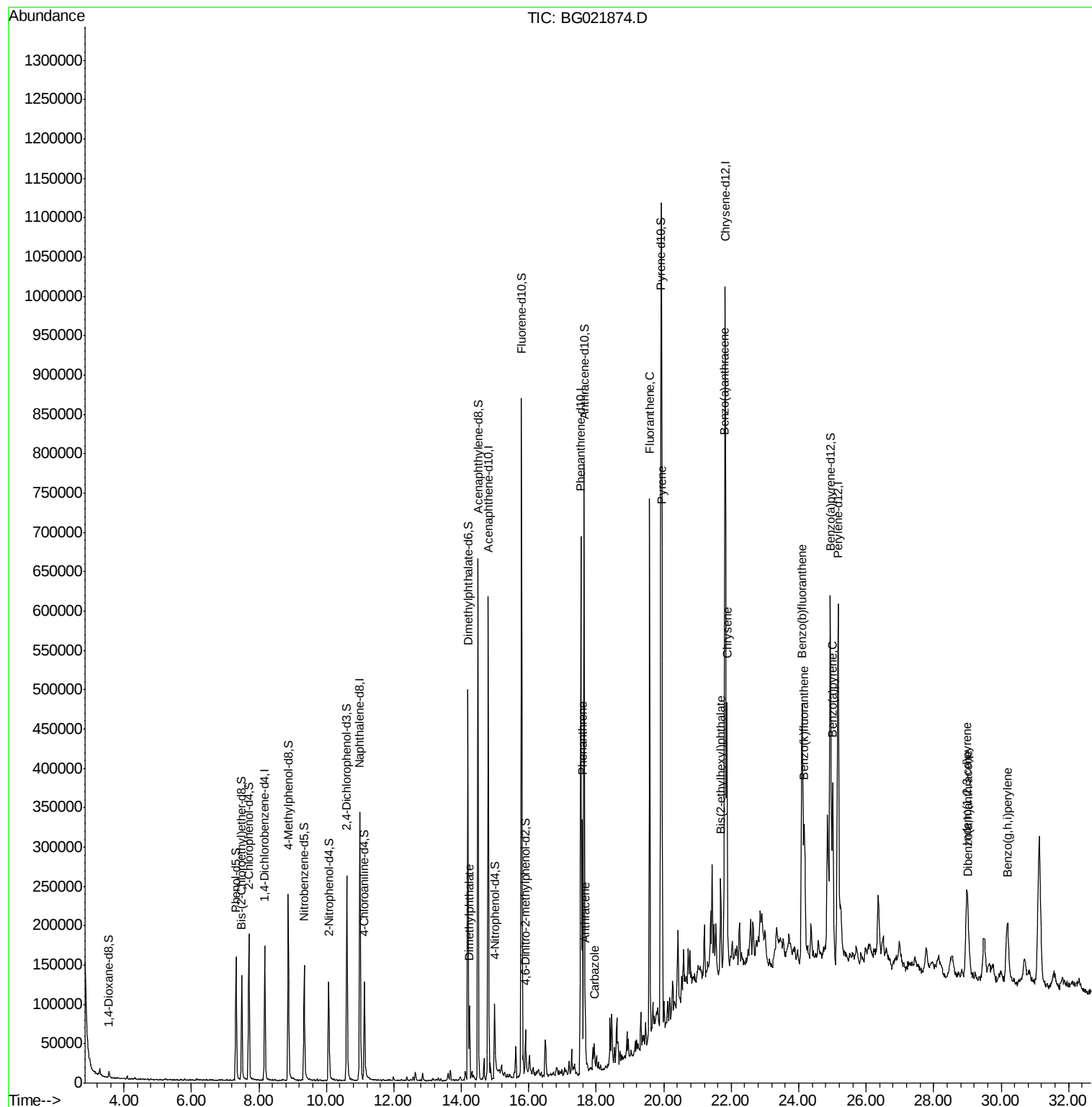
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021874.D
Acq On : 12 May 2016 18:34
Operator : UM/SJ
Sample : H2936-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

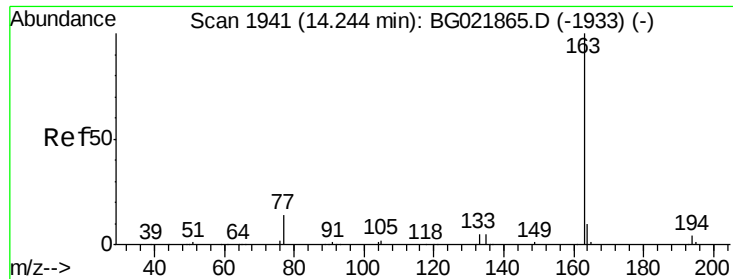
Instrument :
BNA_G
ClientSampleID :
D9WK1

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





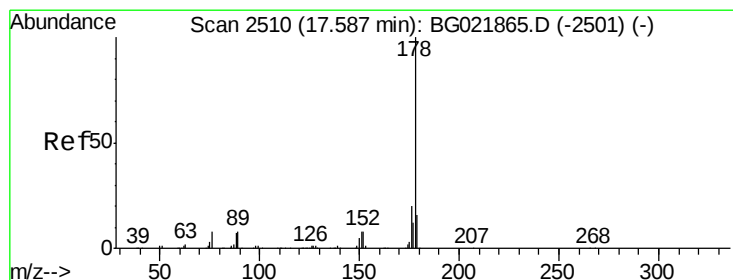
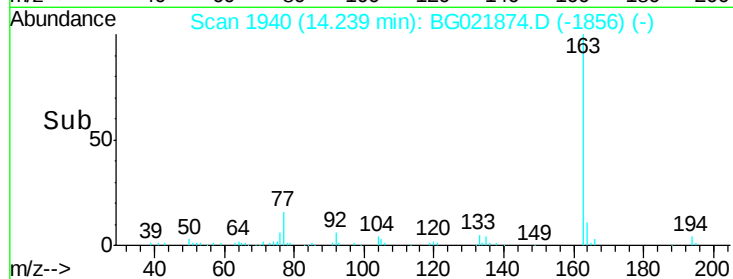
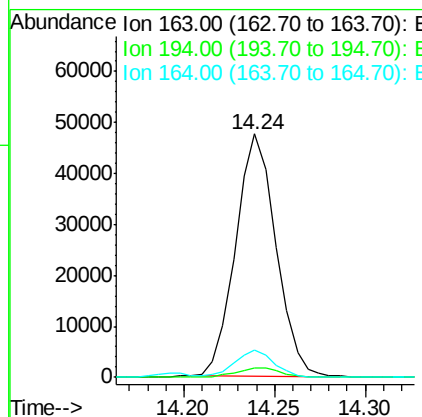
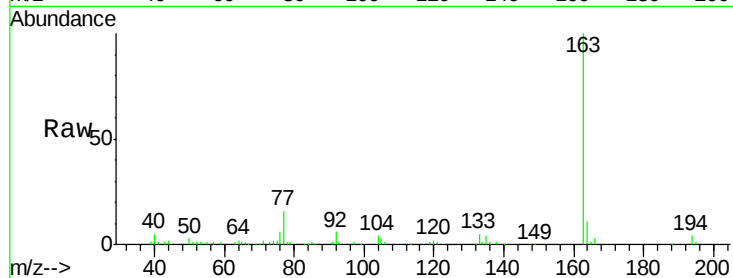
#45
Dimethylphthalate
Concen: 4.33 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG021874.D
Acq: 12 May 2016 18:34

Instrument :
BNA_G
ClientSampleId :
D9WK1

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	73819		
194	3.6		3.9	5.9#
164	11.1		8.7	13.1

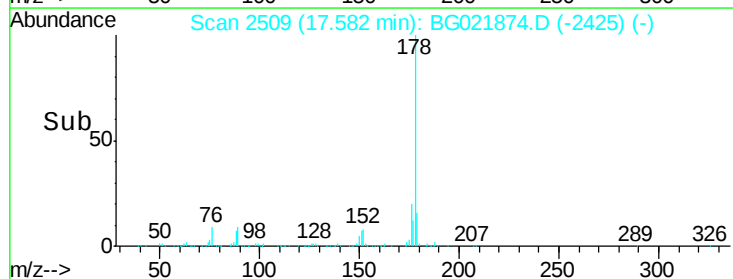
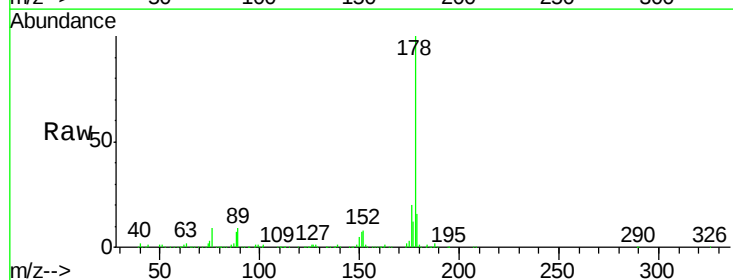
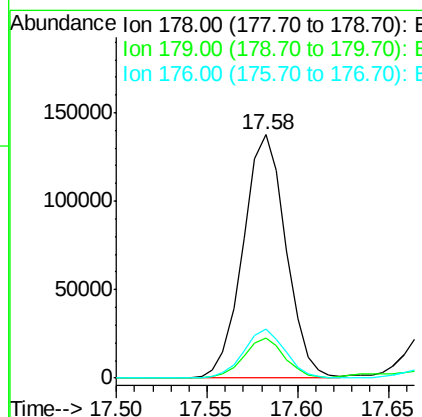
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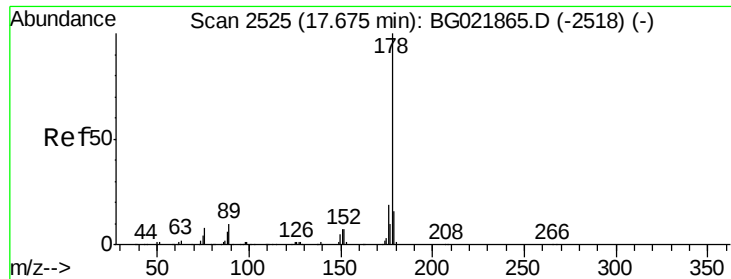
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#70
Phenanthrene
Concen: 8.32 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.00 min
Lab File: BG021874.D
Acq: 12 May 2016 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	225589		
179	16.4		11.8	17.8
176	20.2		14.8	22.2





#72

Anthracene

Concen: 1.77 ng/ul

RT: 17.67 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BG021874.D

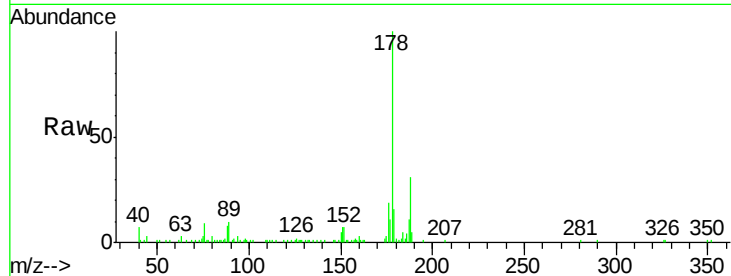
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Instrument :

BNA_G

ClientSampleId :

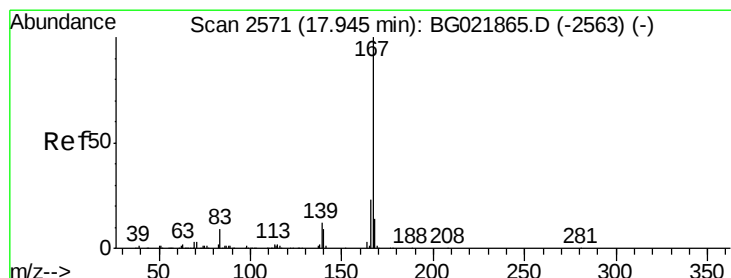
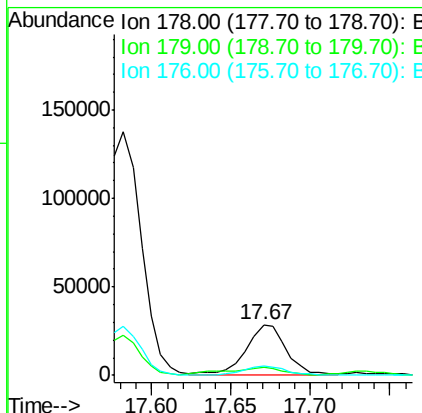
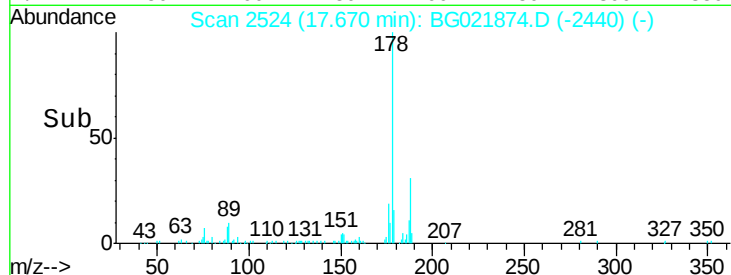
D9WK1



Tgt Ion:	178	Resp:	48885
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.9	19.3
176	18.9	15.6	23.4

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#73

Carbazole

Concen: 1.21 ng/ul m

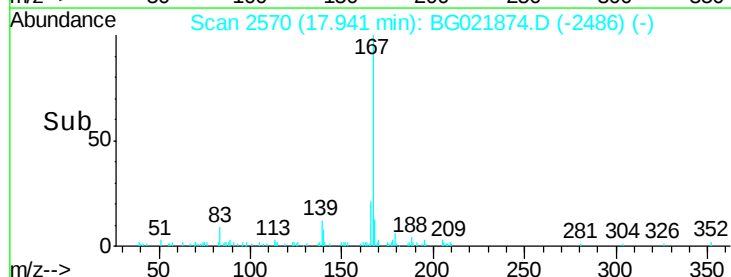
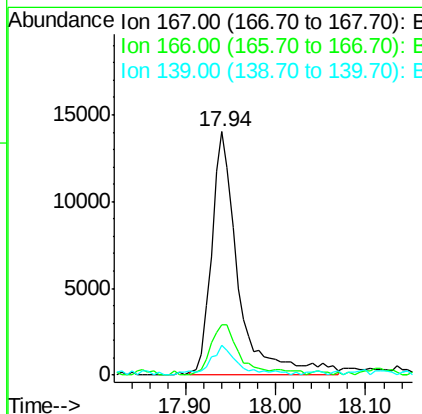
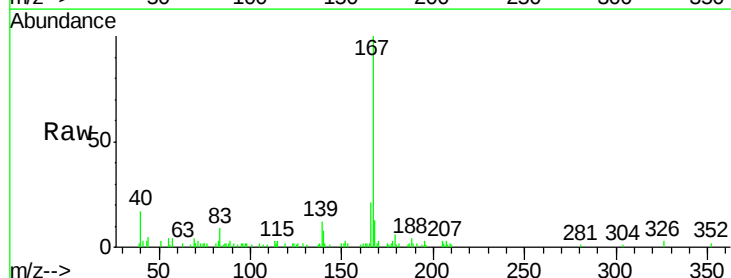
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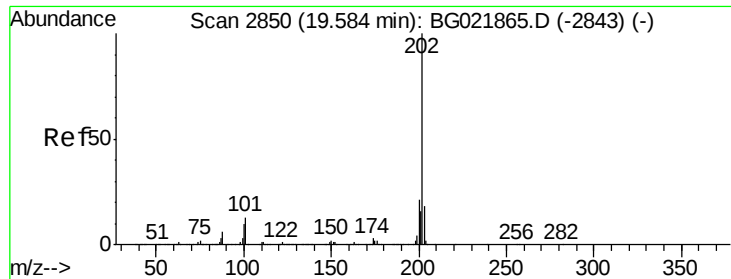
Delta R.T. -0.00 min

Lab File: BG021874.D

Acq: 12 May 2016 18:34

Tgt Ion:	167	Resp:	28855
Ion Ratio	Lower	Upper	
167	100		
166	20.9	19.0	28.4
139	12.1	12.2	18.4#





#75

Fluoranthene

Concen: 14.93 ng/ul

RT: 19.58 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG021874.D

Acq: 12 May 2016 18:34

Instrument :

BNA_G

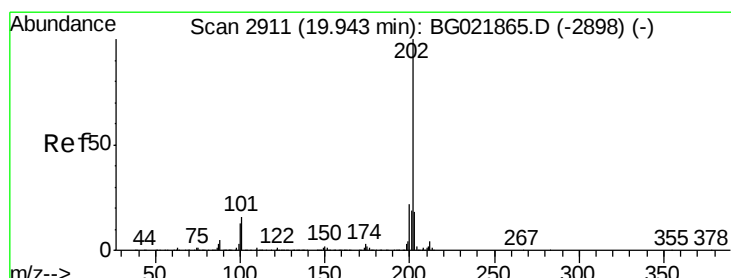
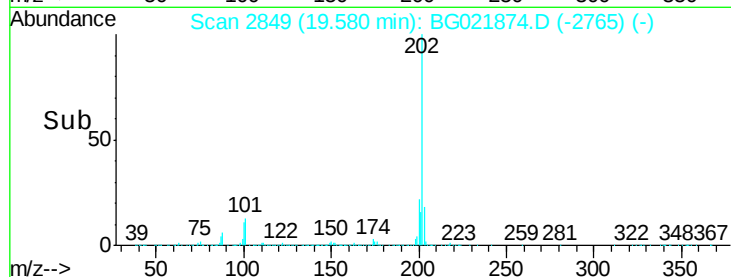
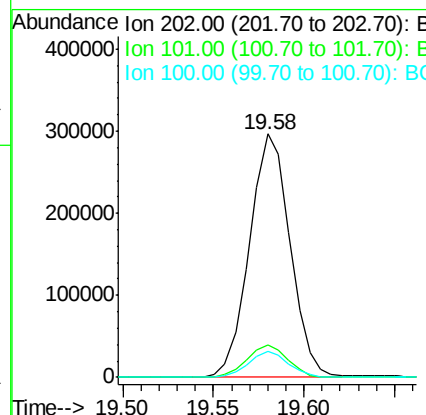
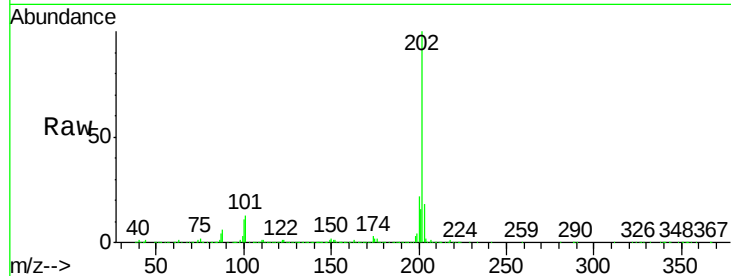
ClientSampleId :

D9WK1

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		459941		
101	13.3	8.9	13.3#		
100	10.8	7.0	10.4#		

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#78

Pyrene

Concen: 14.37 ng/ul m

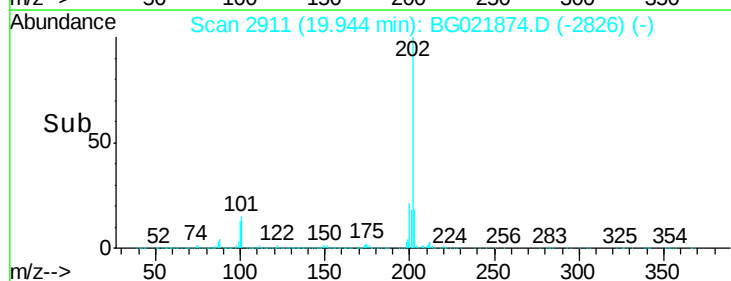
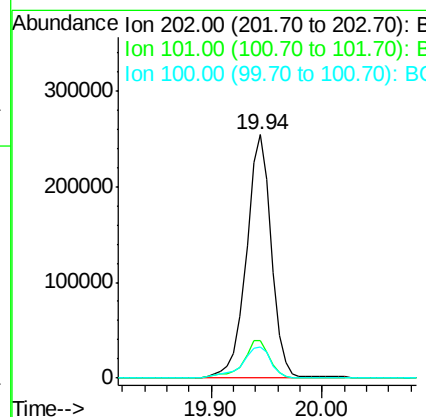
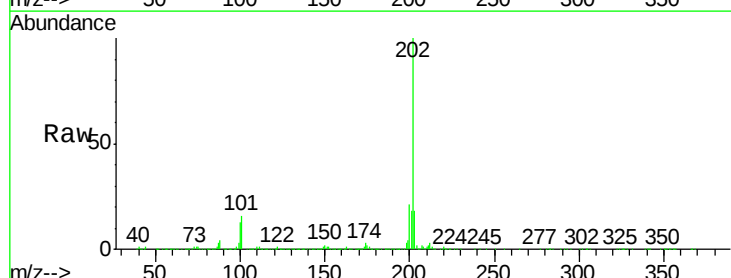
RT: 19.94 min Scan# 2911

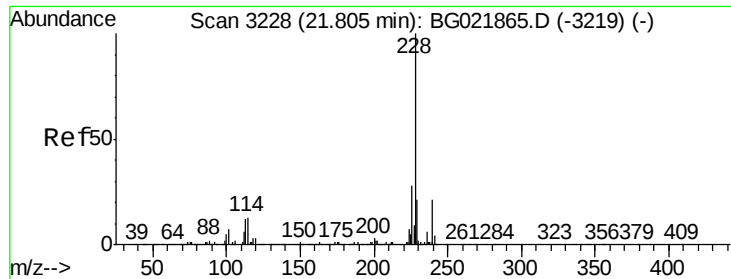
Delta R.T. 0.00 min

Lab File: BG021874.D

Acq: 12 May 2016 18:34

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		399007		
101	15.5	9.8	14.8#		
100	12.9	9.3	13.9		





#81

Benzo(a)anthracene

Concen: 9.60 ng/ul

RT: 21.80 min Scan# 3227

Delta R.T. -0.00 min

Lab File: BG021874.D

Acq: 12 May 2016 18:34

Instrument :

BNA_G

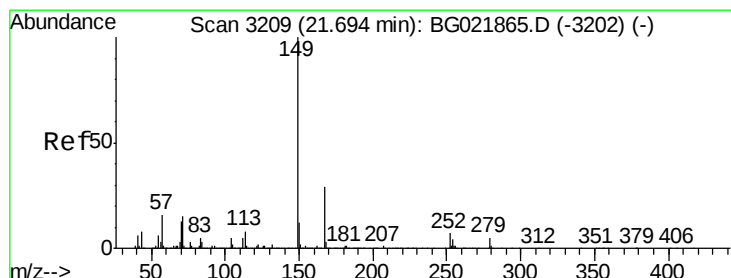
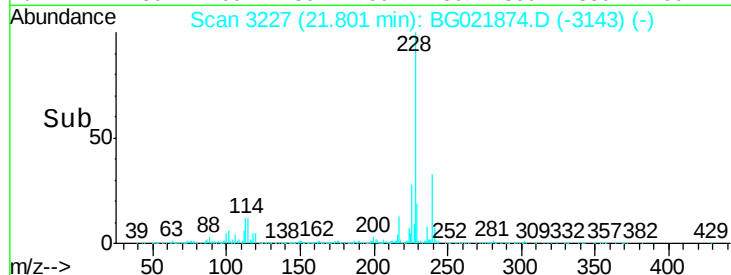
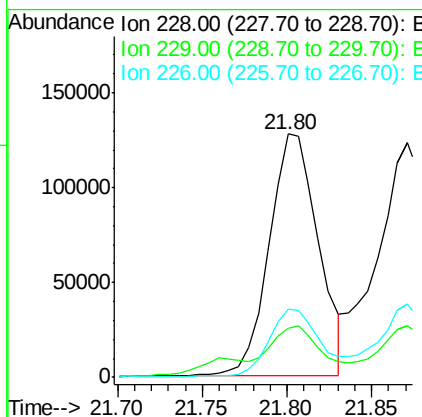
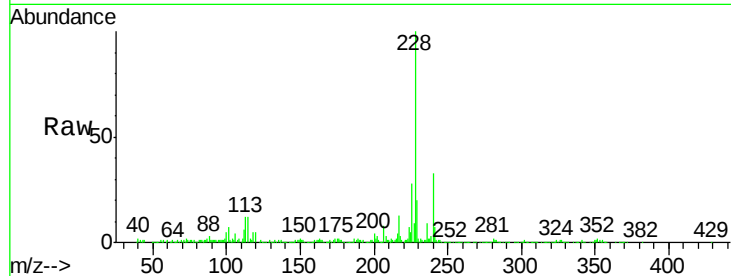
ClientSampleId :

D9WK1

Tgt	Ion	228	Resp:	256413
	Ratio	100	Lower	Upper
	228	100		
	229	19.9	16.6	25.0
	226	27.9	21.0	31.4

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#82

Bis(2-ethylhexyl)phthalate

Concen: 6.06 ng/ul

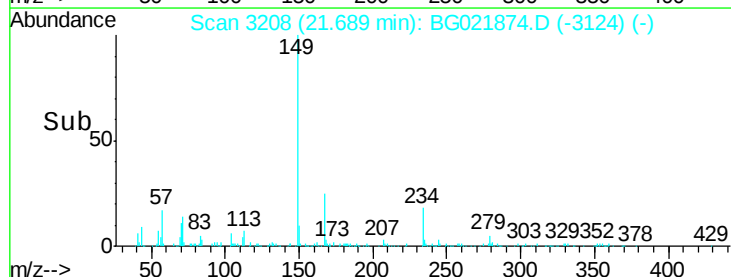
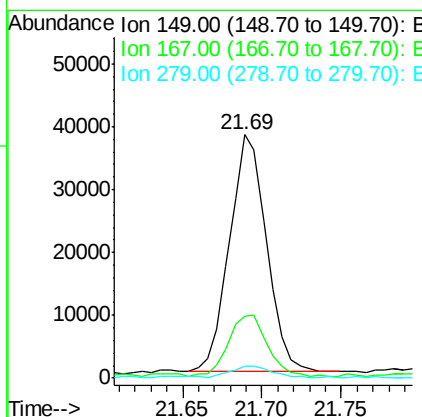
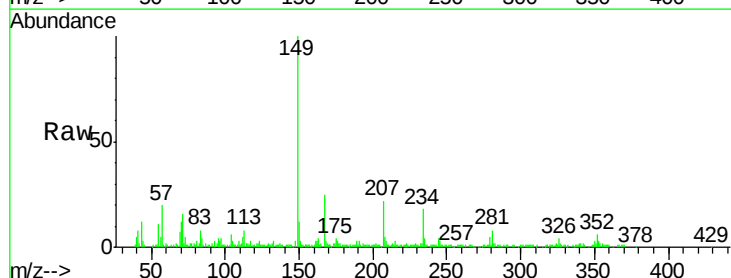
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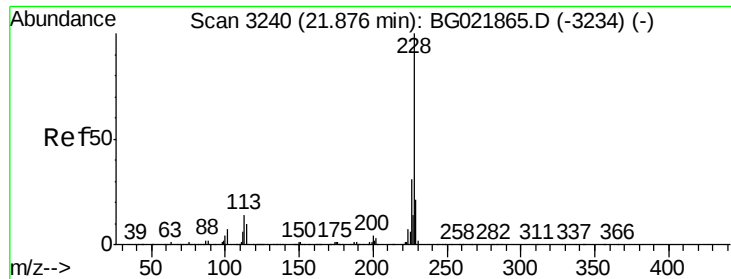
Delta R.T. -0.00 min

Lab File: BG021874.D

Acq: 12 May 2016 18:34

Tgt	Ion	149	Resp:	60696
	Ratio	100	Lower	Upper
	149	100		
	167	25.2	20.5	30.7
	279	5.0	3.7	5.5





#83

Chrysene

Concen: 10.04 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BG021874.D

Acq: 12 May 2016 18:34

Instrument :

BNA_G

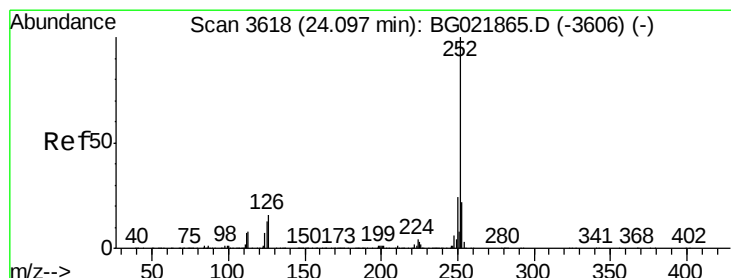
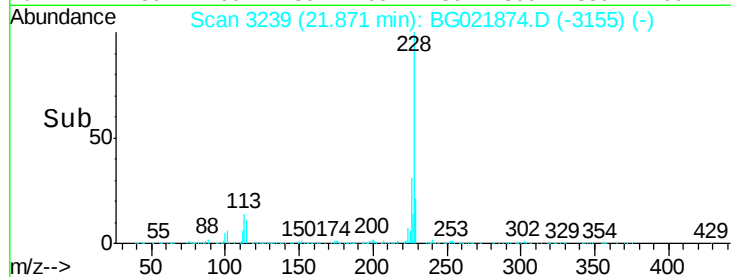
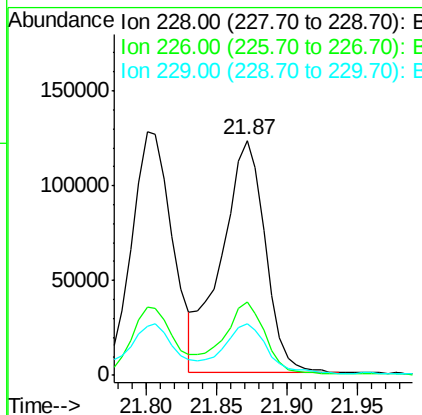
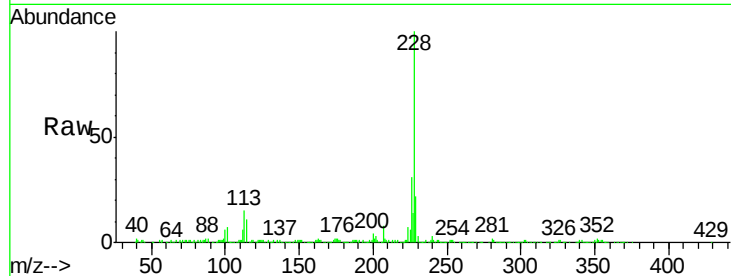
ClientSampleId :

D9WK1

Tgt Ion:	228	Resp:	265412
Ion Ratio		Lower	Upper
228	100		
226	31.2	23.4	35.2
229	22.1	16.2	24.2

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#86

Benzo(b)fluoranthene

Concen: 15.44 ng/ul

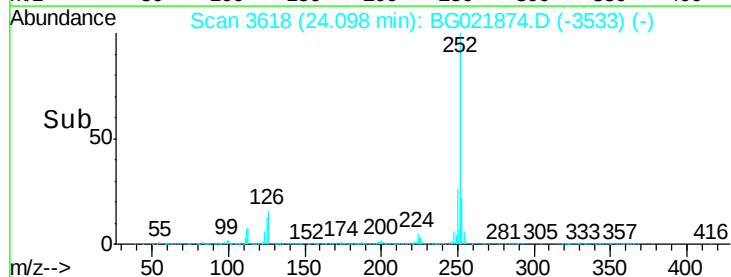
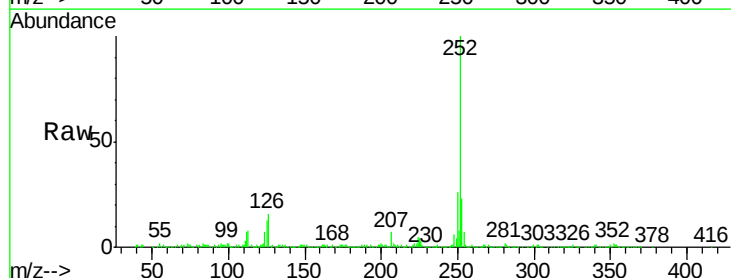
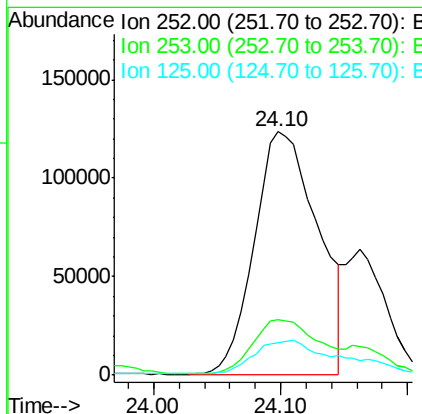
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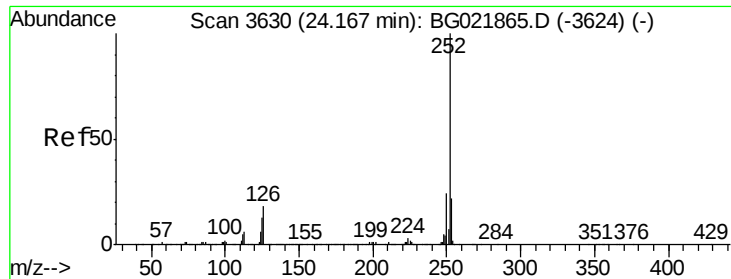
Delta R.T. 0.00 min

Lab File: BG021874.D

Acq: 12 May 2016 18:34

Tgt Ion:	252	Resp:	428535
Ion Ratio		Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.1	7.6	11.4#





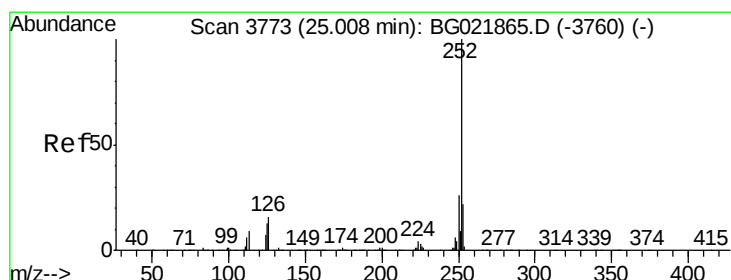
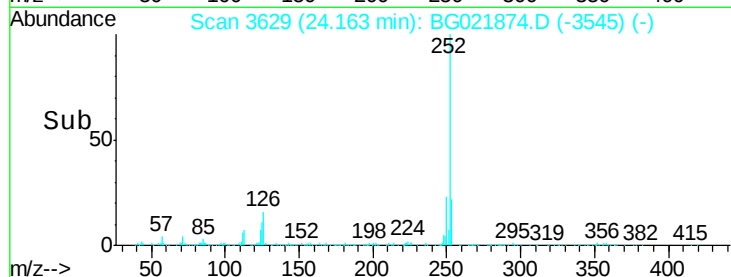
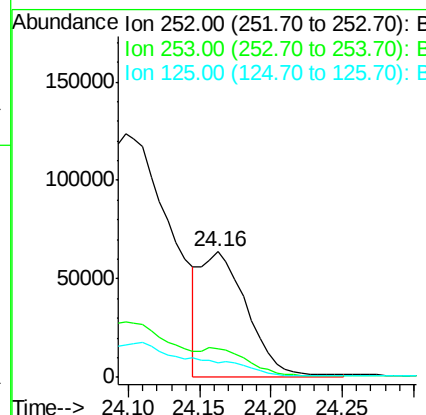
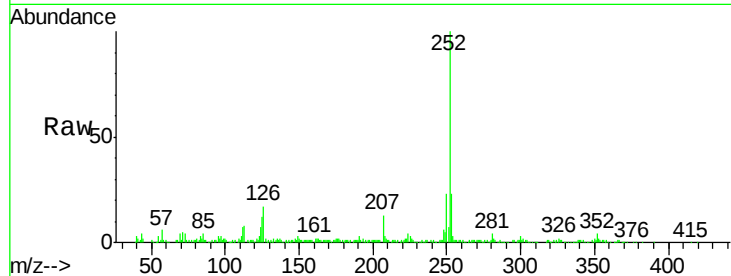
#87
 Benzo(k)fluoranthene
 Concen: 4.91 ng/ul m
 RT: 24.16 min Scan# 3629
 Delta R.T. -0.00 min
 Lab File: BG021874.D
 Acq: 12 May 2016 18:34

Instrument :
 BNA_G
 ClientSampleId :
 D9WK1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.7	7.7	11.5#

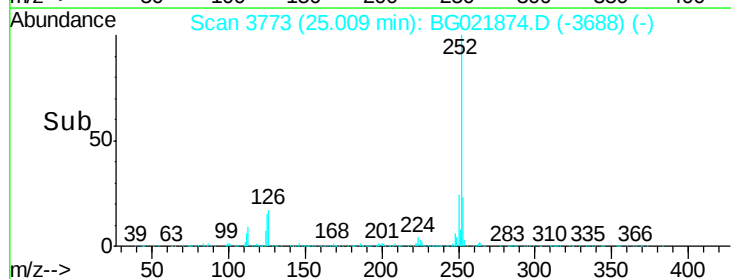
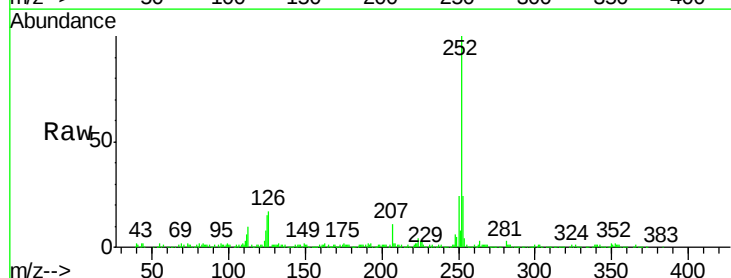
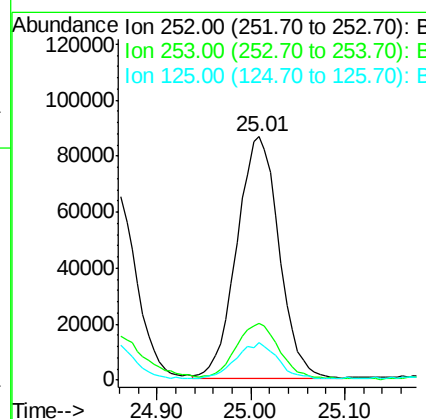
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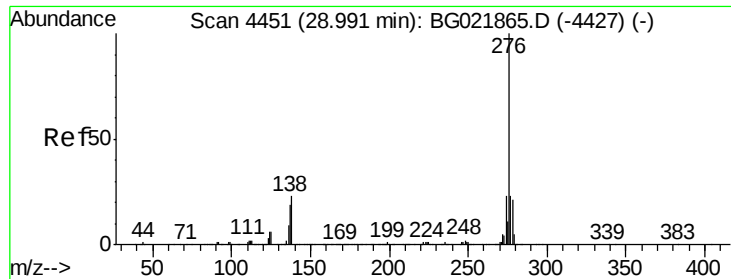
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#89
 Benzo(a)pyrene
 Concen: 9.81 ng/ul
 RT: 25.01 min Scan# 3773
 Delta R.T. 0.00 min
 Lab File: BG021874.D
 Acq: 12 May 2016 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	15.4	8.2	12.2#





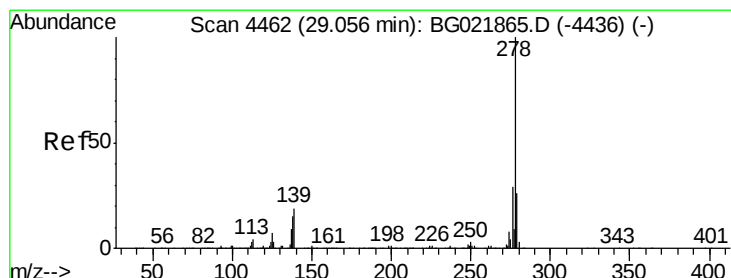
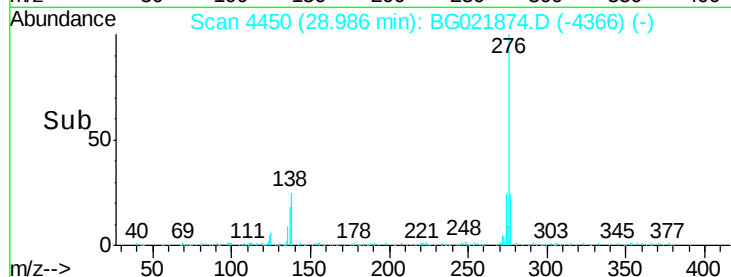
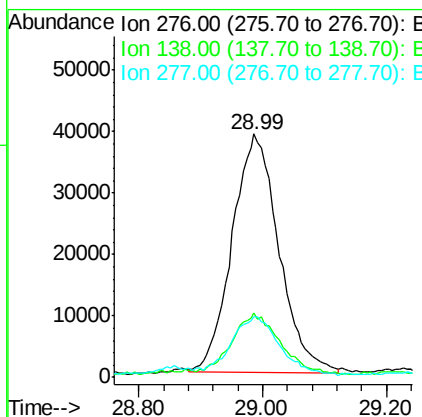
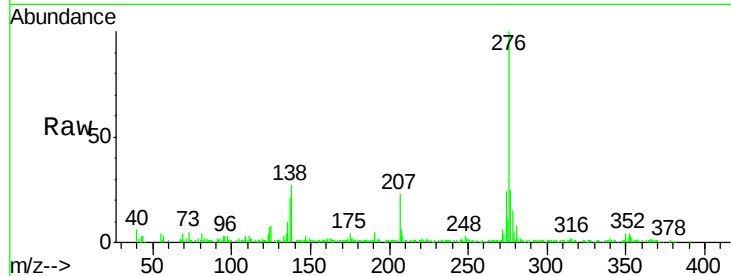
#90
 Indeno(1,2,3-cd)pyrene
 Concen: 6.19 ng/ul
 RT: 28.99 min Scan# 4450
 Delta R.T. -0.00 min
 Lab File: BG021874.D
 Acq: 12 May 2016 18:34

Instrument :
 BNA_G
 ClientSampleId :
 D9WK1

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.6	15.8	23.6#
277	25.1	19.0	28.6

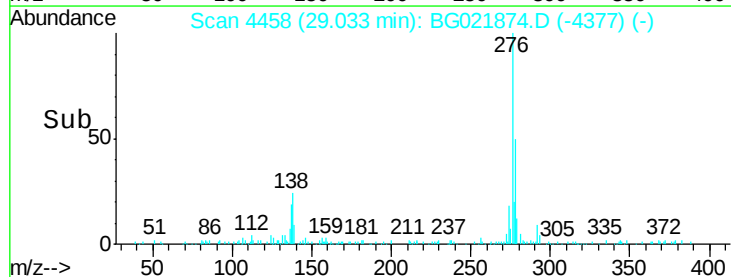
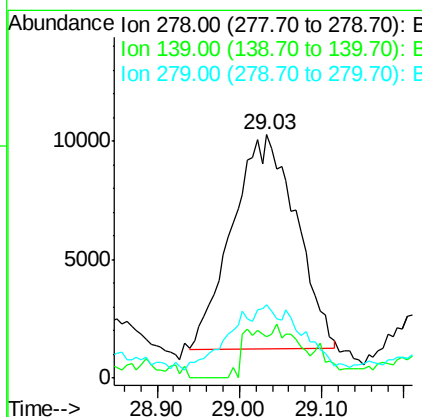
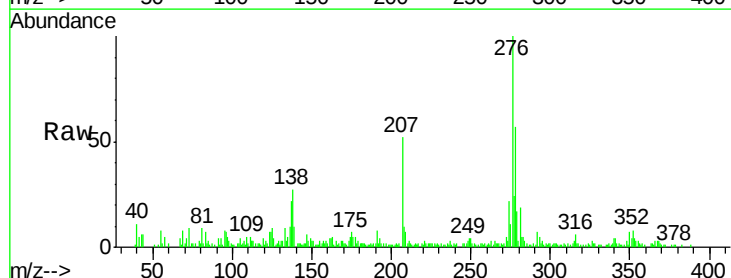
Manual Integrations
 APPROVED

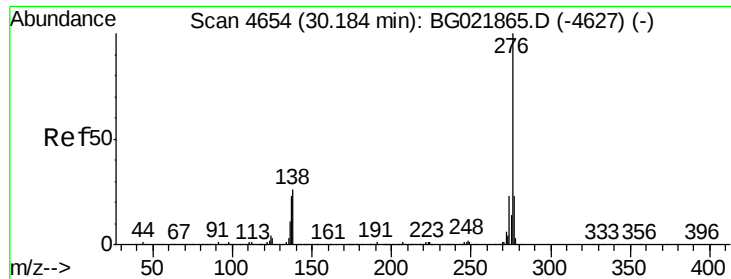
sohil
 5/13/2016 8:12:04 PM



#91
 Dibenzo(a,h)anthracene
 Concen: 1.79 ng/ul m
 RT: 29.03 min Scan# 4458
 Delta R.T. -0.02 min
 Lab File: BG021874.D
 Acq: 12 May 2016 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.8	12.1	18.1
279	30.2	19.8	29.8#





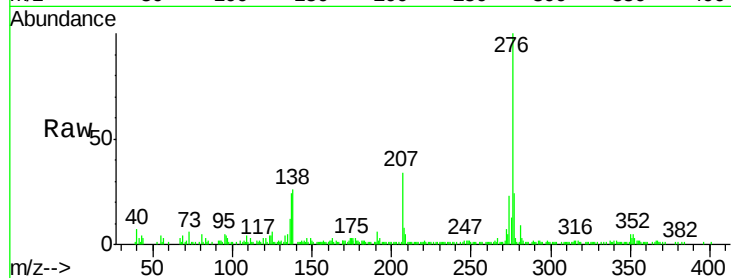
#92
 Benzo(g,h,i)perylene
 Concen: 6.21 ng/ul m
 RT: 30.19 min Scan# 4655
 Delta R.T. 0.01 min
 Lab File: BG021874.D
 Acq: 12 May 2016 18:34

Instrument :
 BNA_G
 ClientSampleId :
 D9WK1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	13.9	20.9#
277	24.2	19.8	29.6

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:12:04 PM



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

