

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
 Data File : BG022046.D
 Acq On : 23 May 2016 14:36
 Operator : UM/SJ
 Sample : H3086-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGF8

Manual Integrations
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Quant Time: May 24 07:36:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:44:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41856	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	208869	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	106207	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	201591	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	190280	20.00	ng/ul	0.01
83) Perylene-d12	25.20	264	179106	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	2639	3.29	ng/uL	0.00
5) Phenol-d5	7.31	99	64626	17.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	40123	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	57428	18.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	53023	16.53	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	27313	17.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	29316	17.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	50375	17.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	51967	16.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	163102	20.45	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	226936	20.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	12089	8.80	ng/ul	0.00
57) Fluorene-d10	15.77	176	144805	19.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	11077	10.51	ng/ul	0.00
70) Anthracene-d10	17.63	188	198787	20.54	ng/ul	0.00
76) Pyrene-d10	19.91	212	202388	18.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.96	264	183284m	22.05	ng/ul	0.05

Target Compounds

						Qvalue
28) Naphthalene	11.03	128	11092	1.05	ng/ul	99
44) Dimethylphthalate	14.22	163	28768	3.59	ng/ul#	97
47) Acenaphthylene	14.51	152	15866	1.40	ng/ul#	91
49) Acenaphthene	14.85	153	12983	1.66	ng/ul	96
58) Fluorene	15.83	166	18606	2.27	ng/ul#	94
69) Phenanthrene	17.57	178	246799	22.01	ng/ul	99
71) Anthracene	17.66	178	54733	4.82	ng/ul	98
74) Fluoranthene	19.58	202	447063	39.01	ng/ul	100
77) Pyrene	19.94	202	454601	33.95	ng/ul	99
80) Benzo(a)anthracene	21.80	228	167371	15.00	ng/ul#	96
81) Bis(2-ethylhexyl)phthalate	21.68	149	19446	2.15	ng/ul#	94
82) Chrysene	21.87	228	195023	18.22	ng/ul#	93
85) Benzo(b)fluoranthene	24.12	252	182936	17.45	ng/ul#	45
86) Benzo(k)fluoranthene	24.17	252	73765m	7.23	ng/ul	
88) Benzo(a)pyrene	25.03	252	145885	14.43	ng/ul#	61
89) Indeno(1,2,3-cd)pyrene	29.07	276	68035m	5.87	ng/ul	
91) Benzo(g,h,i)perylene	30.27	276	44031	4.74	ng/ul#	74

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

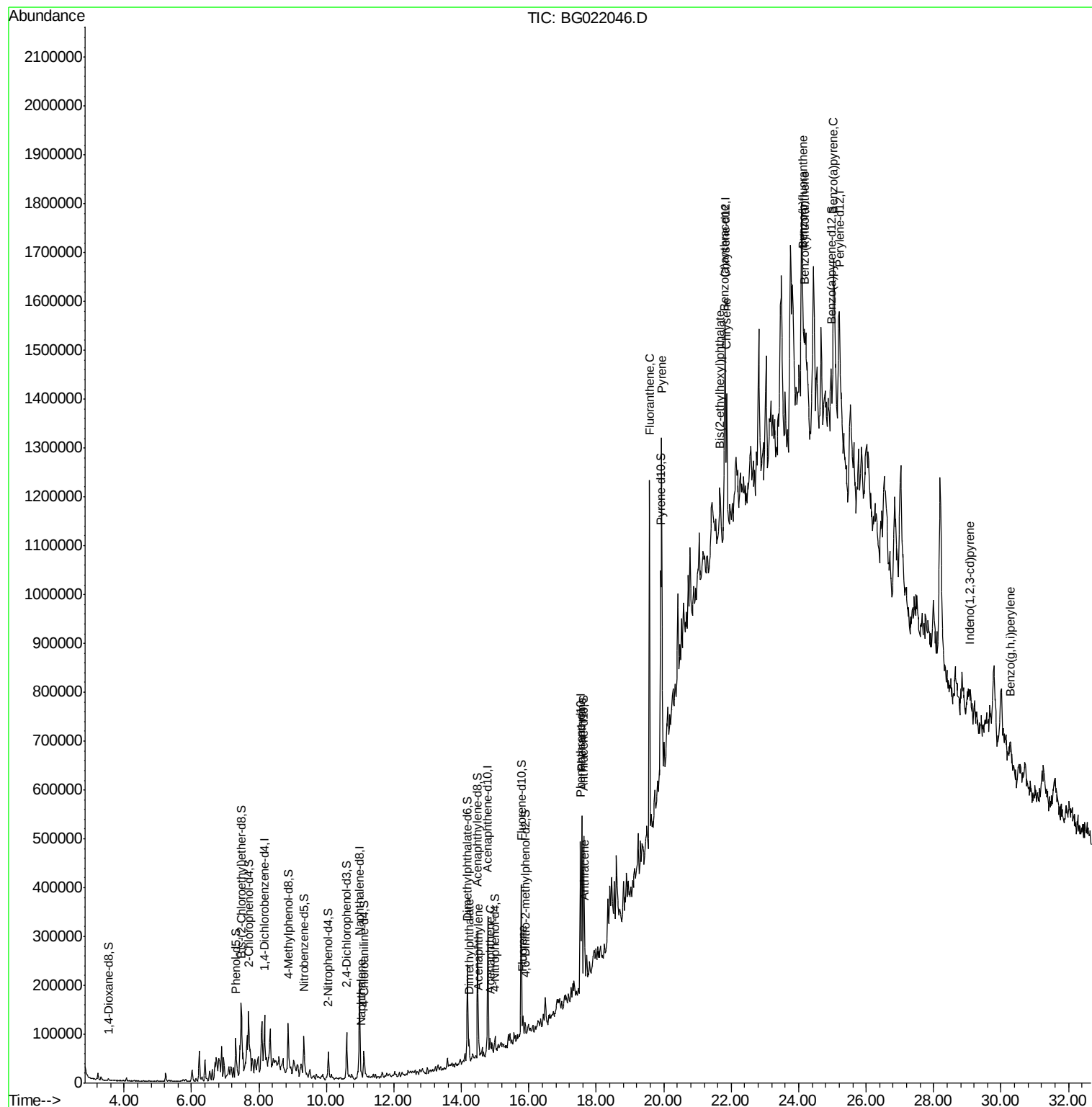
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022046.D
Acq On : 23 May 2016 14:36
Operator : UM/SJ
Sample : H3086-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

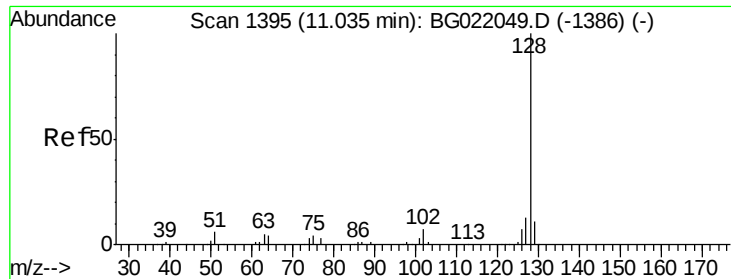
Instrument :
BNA_G
ClientSampleID :
JHGF8

Manual Integrations
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Quant Time: May 24 07:36:56 2016
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Quant Title : SVOA CALIBRATION
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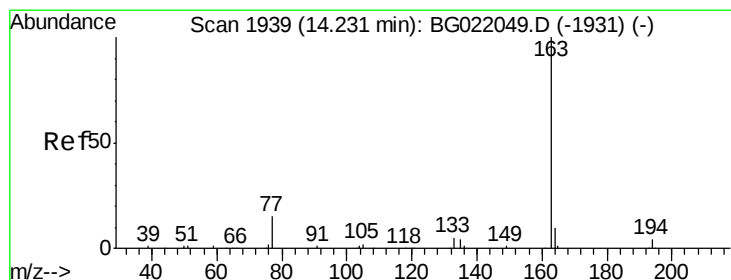
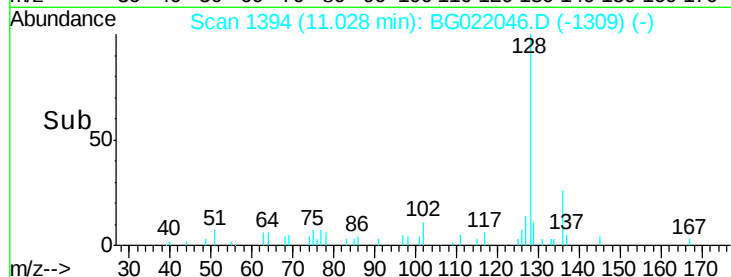
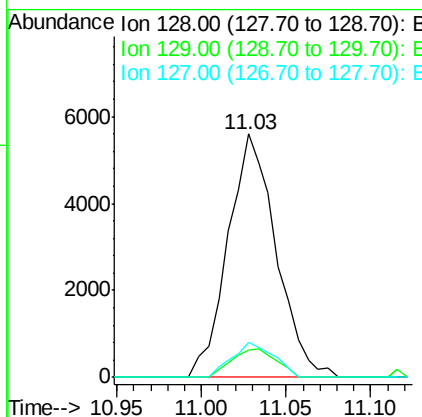
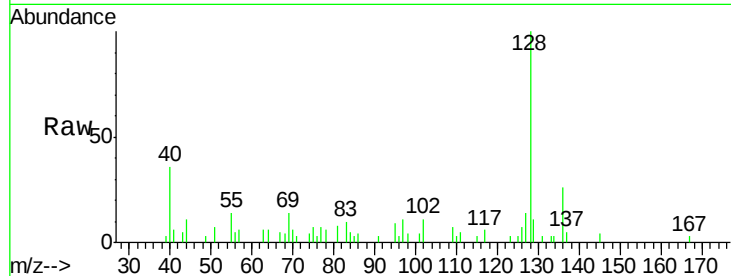
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Naphthalene
Concen: 1.05 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG022046.D
Acq: 23 May 2016 14:36

Instrument :
BNA_G
ClientSampleId :
JHGF8

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	11092		
129	11.1	9.4	14.2	
127	14.5	11.2	16.8	

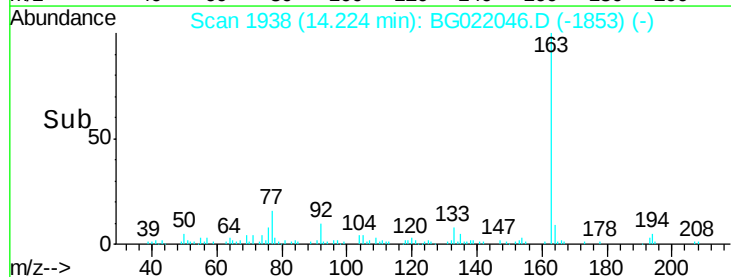
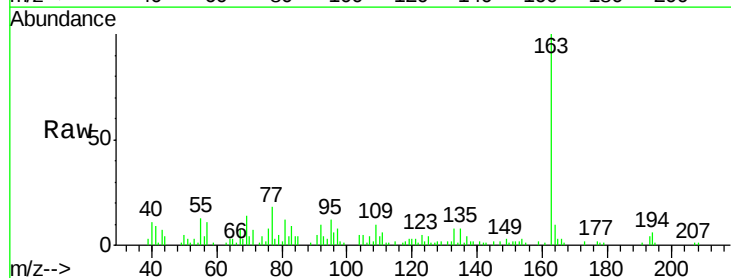
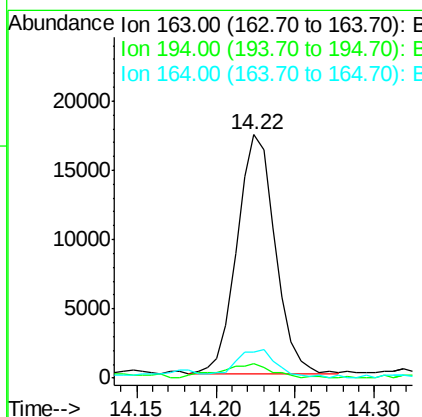
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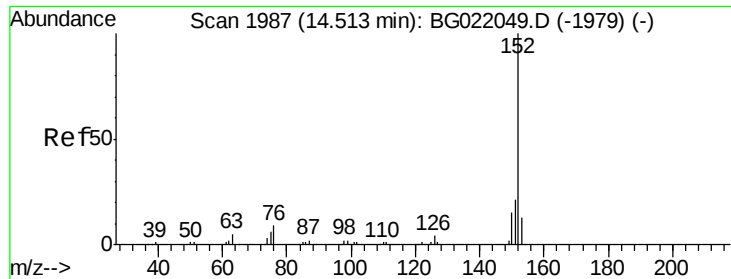
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#44
Dimethylphthalate
Concen: 3.59 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG022046.D
Acq: 23 May 2016 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	28768		
194	6.2	3.4	5.2#	
164	10.5	8.8	13.2	





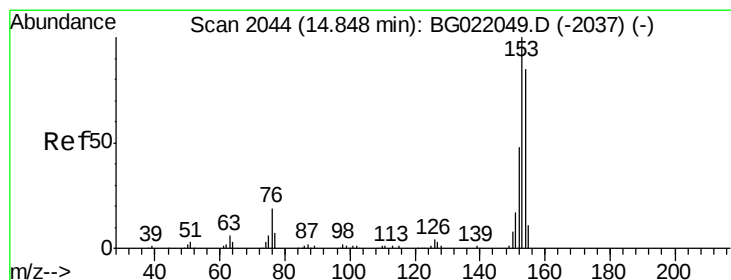
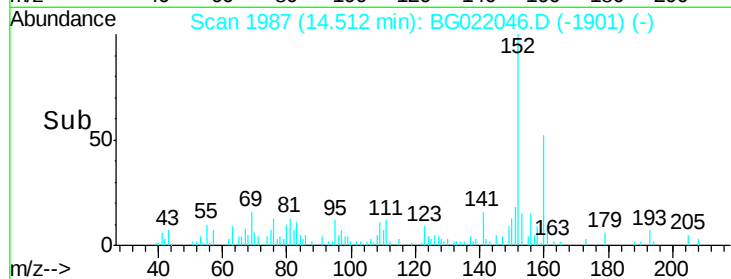
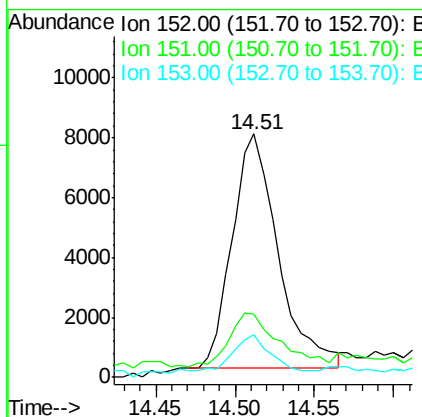
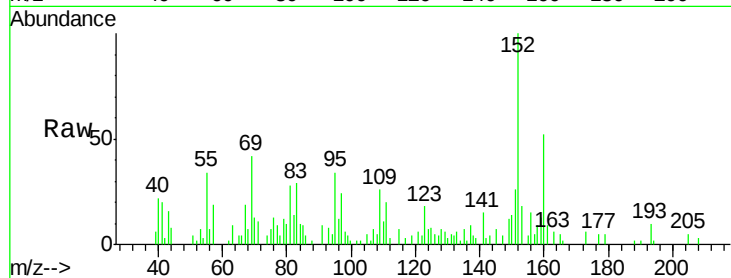
#47
Acenaphthylene
Concen: 1.40 ng/ul
RT: 14.51 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG022046.D
Acq: 23 May 2016 14:36

Instrument :
BNA_G
ClientSampled :
JHGF8

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	15866		
151	25.8	17.5	26.3	
153	17.8	11.1	16.7	

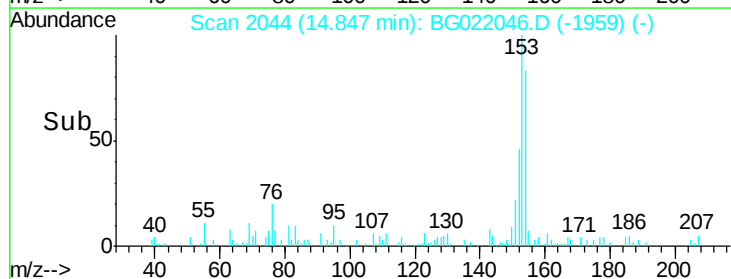
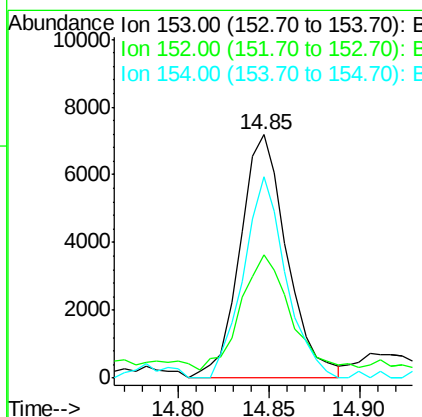
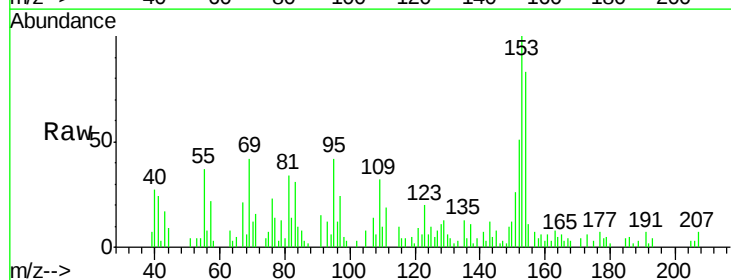
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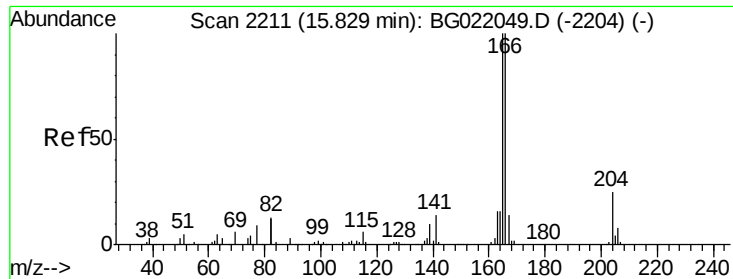
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#49
Acenaphthene
Concen: 1.66 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG022046.D
Acq: 23 May 2016 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	12983		
152	50.7	37.3	55.9	
154	82.9	68.2	102.2	





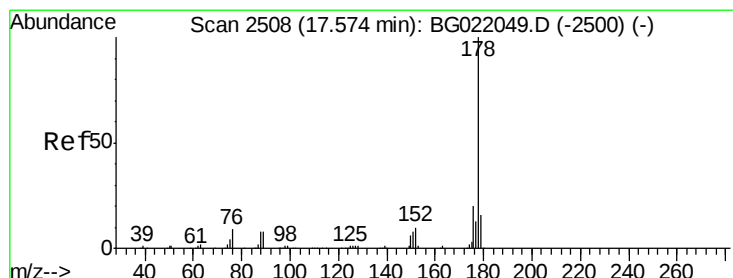
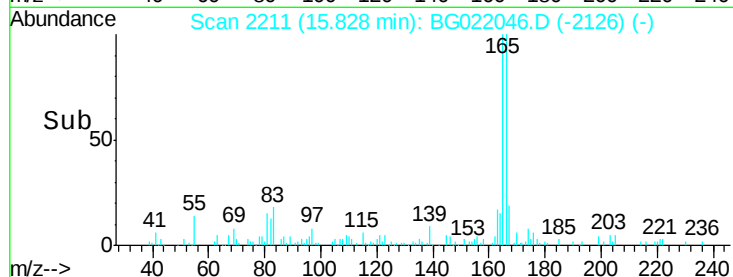
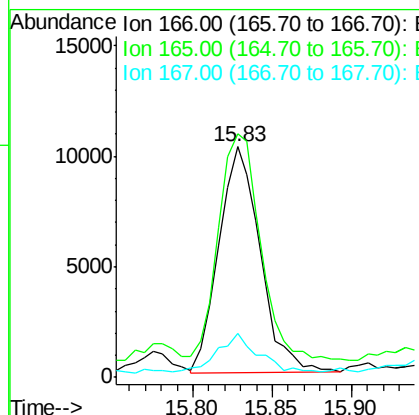
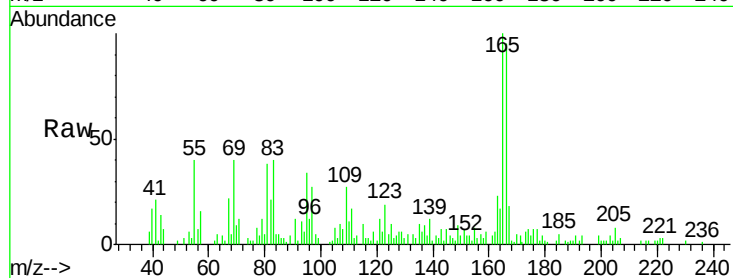
#58
Fluorene
 Concen: 2.27 ng/ul
 RT: 15.83 min Scan# 2211
 Delta R.T. 0.00 min
 Lab File: BG022046.D
 Acq: 23 May 2016 14:36

Instrument :
 BNA_G
 ClientSampleId :
 JHGF8

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	18606		
165	105.5	80.3	120.5	
167	19.2	10.3	15.5	

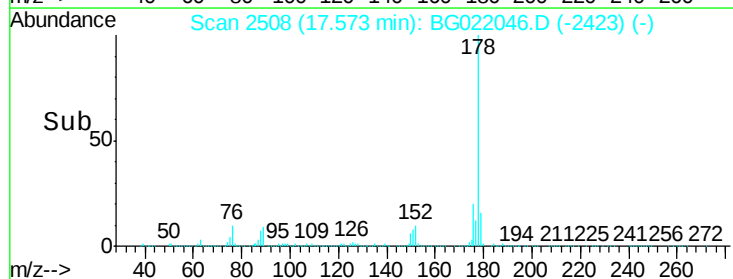
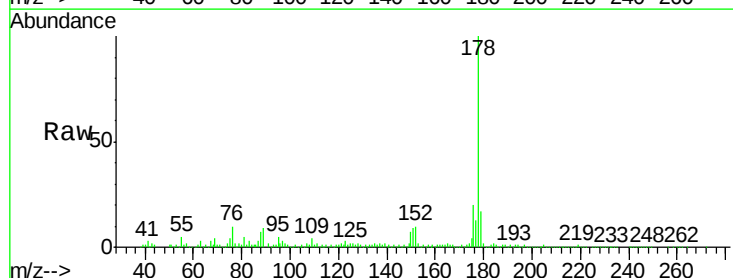
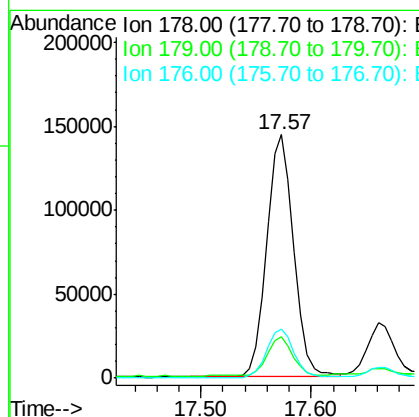
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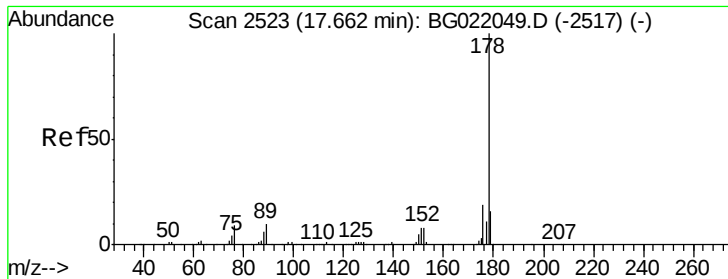
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#69
Phenanthrene
 Concen: 22.01 ng/ul
 RT: 17.57 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG022046.D
 Acq: 23 May 2016 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	246799		
179	16.8	12.9	19.3	
176	20.3	15.8	23.8	





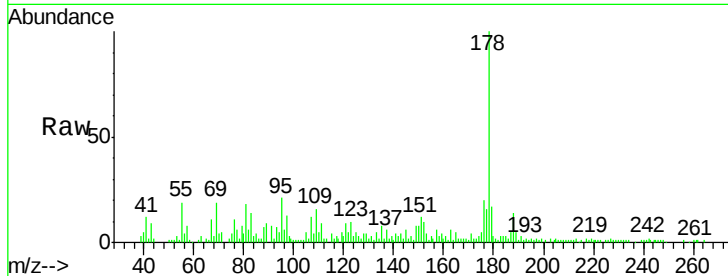
#71
 Anthracene
 Concen: 4.82 ng/ul
 RT: 17.66 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BG022046.D
 Acq: 23 May 2016 14:36

Instrument :
 BNA_G
 ClientSampleId :
 JHGF8

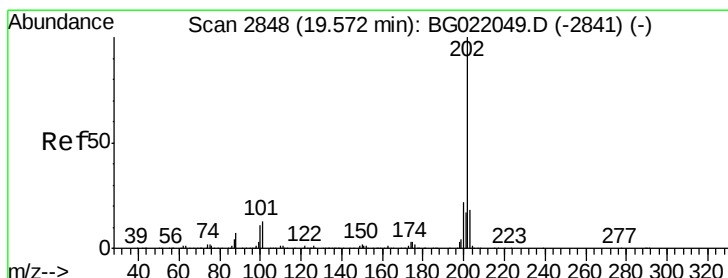
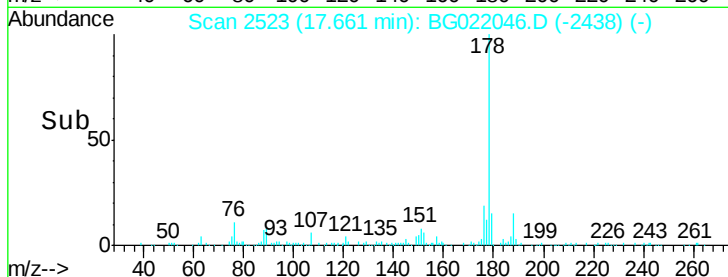
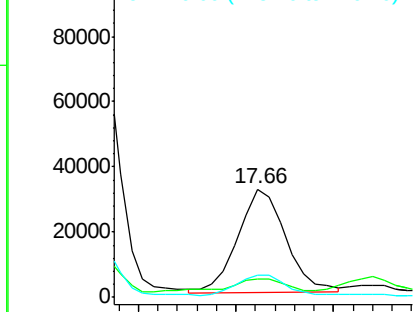
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	54733		
179	17.0	12.3	18.5	
176	19.9	16.3	24.5	

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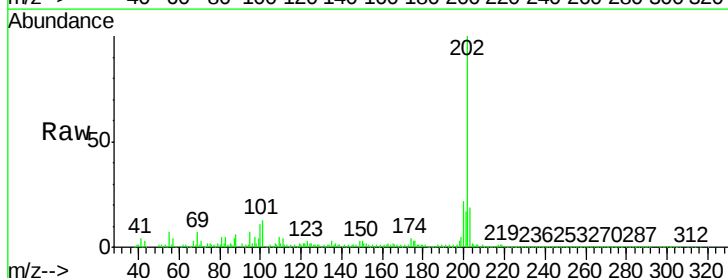


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

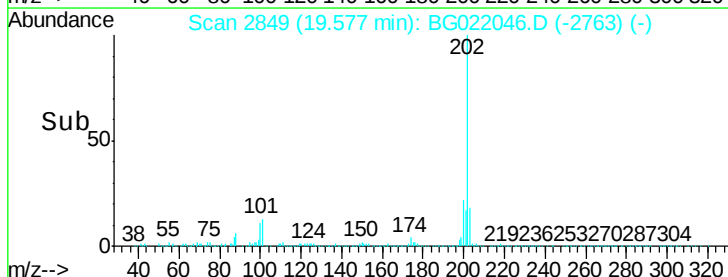
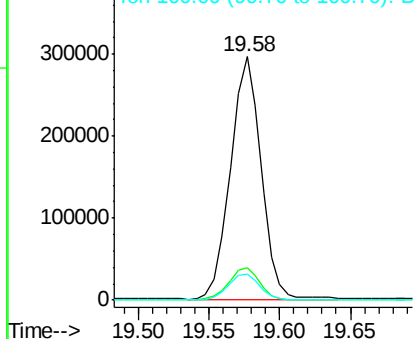


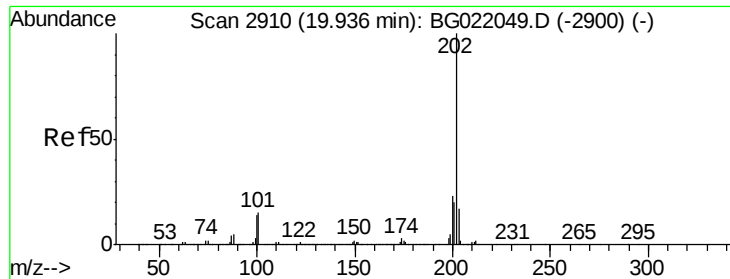
#74
 Fluoranthene
 Concen: 39.01 ng/ul
 RT: 19.58 min Scan# 2849
 Delta R.T. 0.01 min
 Lab File: BG022046.D
 Acq: 23 May 2016 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	447063		
101	13.4	10.6	16.0	
100	10.7	8.7	13.1	



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





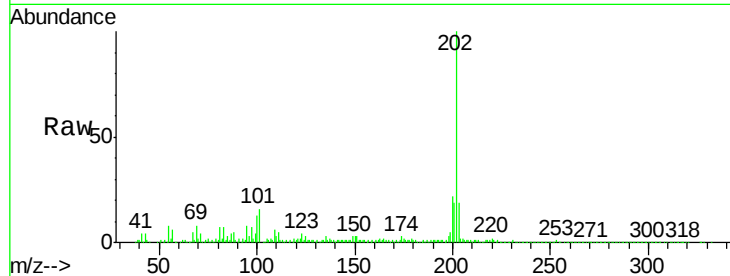
#77
 Pyrene
 Concen: 33.95 ng/ul
 RT: 19.94 min Scan# 2911
 Delta R.T. 0.01 min
 Lab File: BG022046.D
 Acq: 23 May 2016 14:36

Instrument :
 BNA_G
 ClientSampleId :
 JHGF8

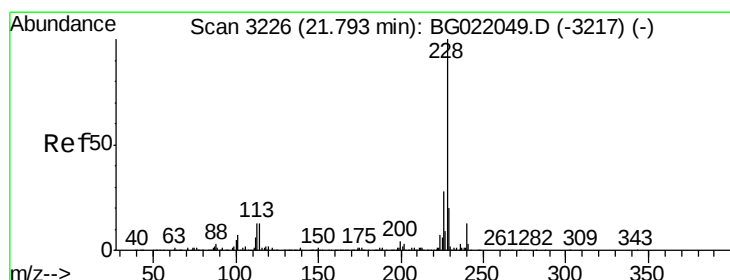
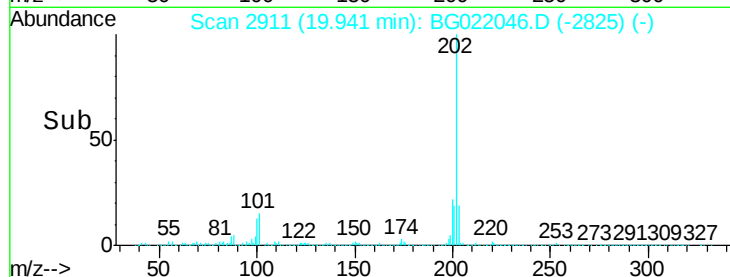
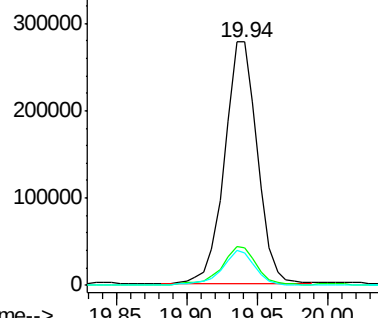
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.6	12.5	18.7
100	13.5	10.2	15.4

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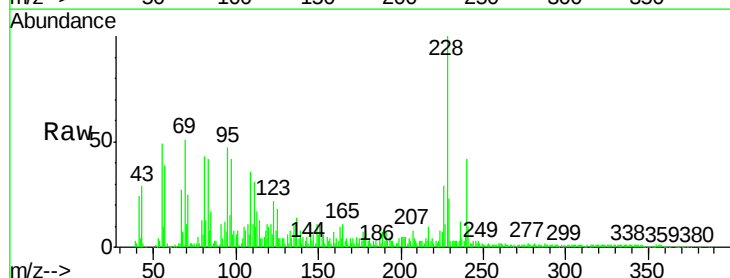


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

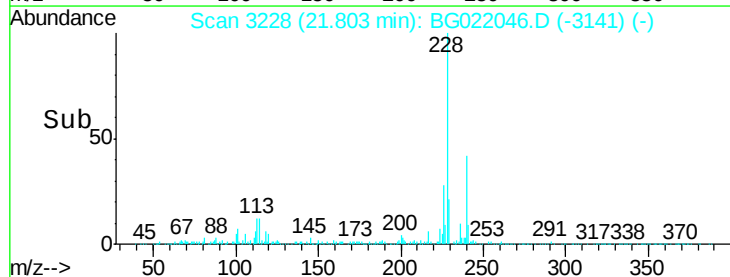
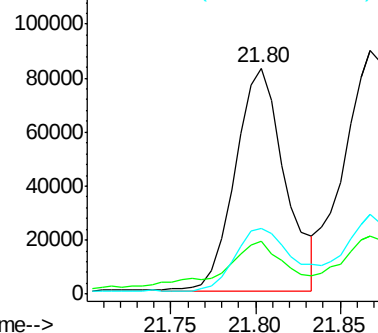


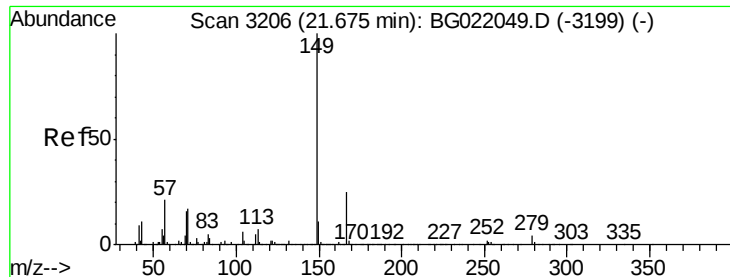
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 Benzo(a)anthracene
 Concen: 15.00 ng/ul
 RT: 21.80 min Scan# 3228
 Delta R.T. 0.01 min
 Lab File: BG022046.D
 Acq: 23 May 2016 14:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.5	15.4	23.2#
226	29.0	22.8	34.2



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





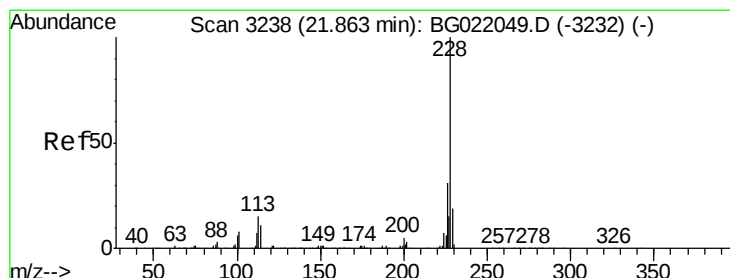
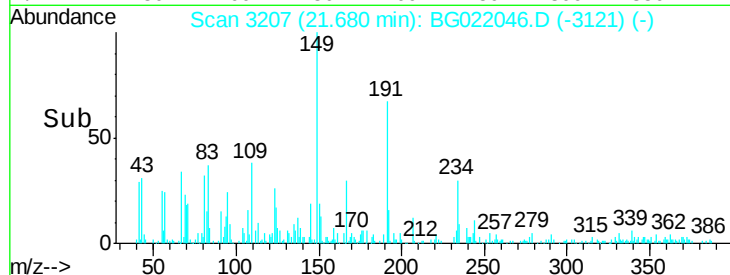
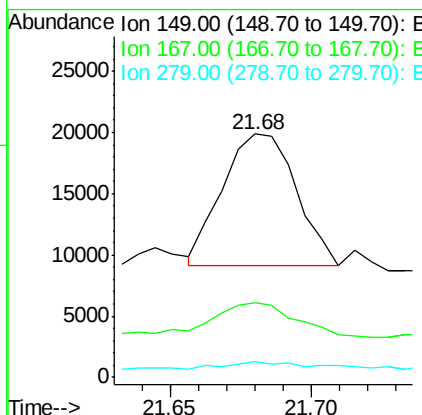
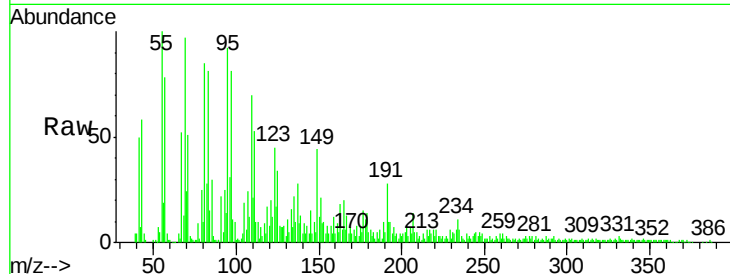
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.15 ng/ul
 RT: 21.68 min Scan# 3207
 Delta R.T. 0.01 min
 Lab File: BG022046.D
 Acq: 23 May 2016 14:36

Instrument :
 BNA_G
 ClientSampled :
 JHGF8

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	19446		
167	30.4	21.9	32.9	
279	6.7	2.9	4.3#	

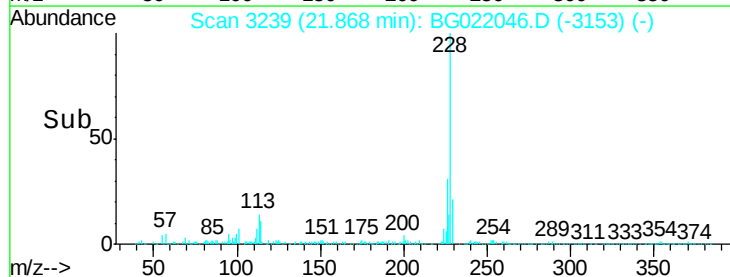
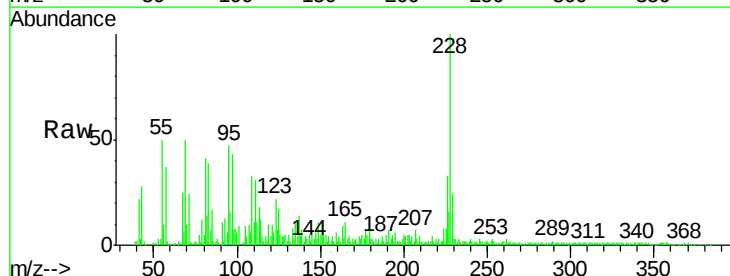
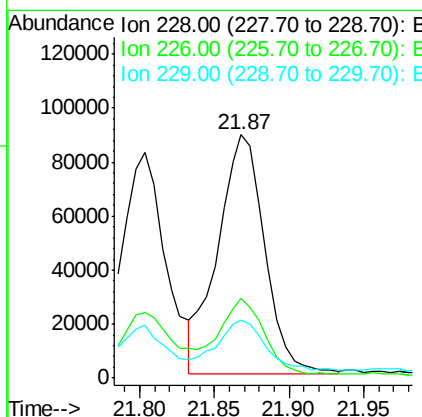
Manual Integrations
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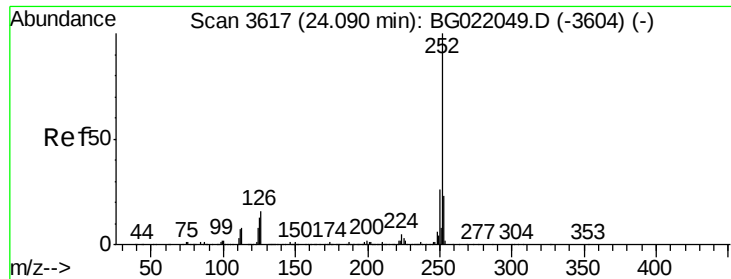
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#82
 Chrysene
 Concen: 18.22 ng/ul
 RT: 21.87 min Scan# 3239
 Delta R.T. 0.01 min
 Lab File: BG022046.D
 Acq: 23 May 2016 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	195023		
226	32.6	24.2	36.4	
229	23.7	15.0	22.6#	





#85

Benzo(b)fluoranthene

Concen: 17.45 ng/ul

RT: 24.12 min Scan# 3623

Delta R.T. 0.05 min

Lab File: BG022046.D

Acq: 23 May 2016 14:36

Instrument :

BNA_G

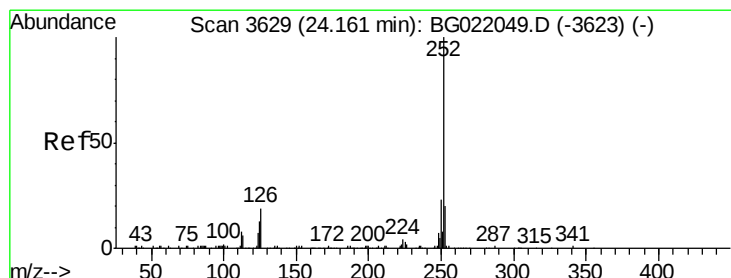
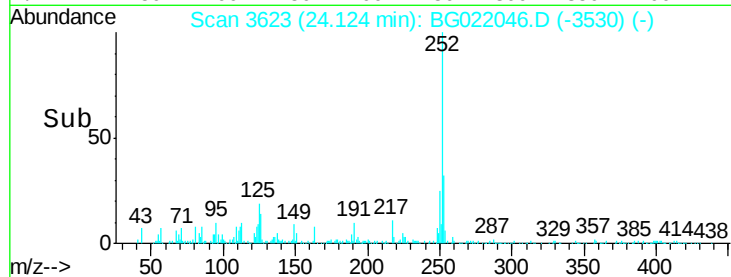
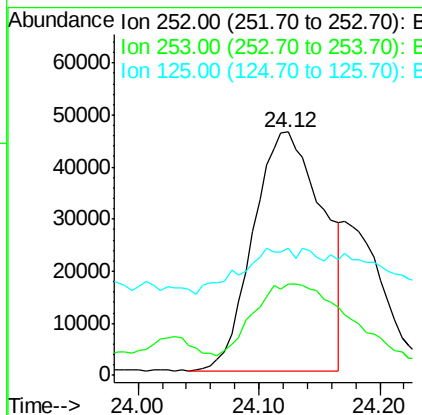
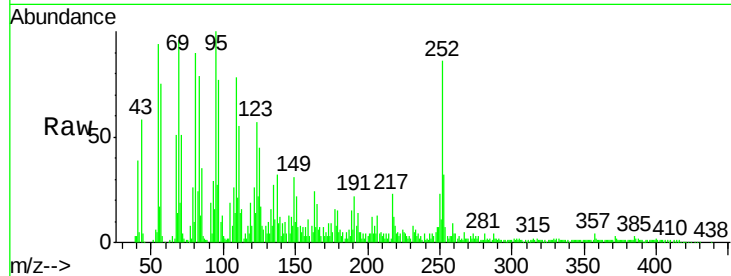
ClientSampleId :

JHGF8

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	182936		
253	37.6	18.2	27.2#	
125	52.5	10.8	16.2#	

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#86

Benzo(k)fluoranthene

Concen: 7.23 ng/ul m

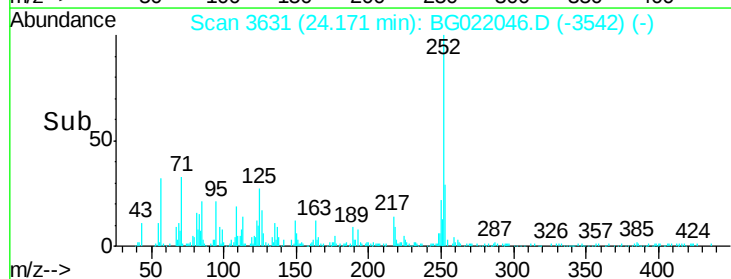
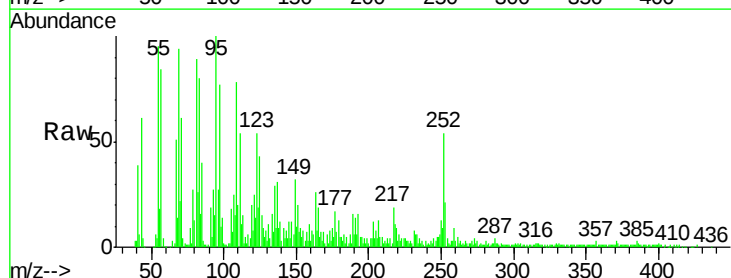
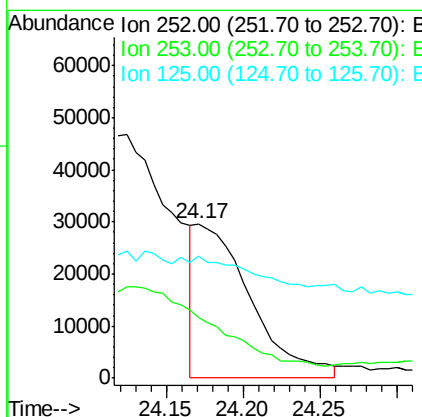
RT: 24.17 min Scan# 3631

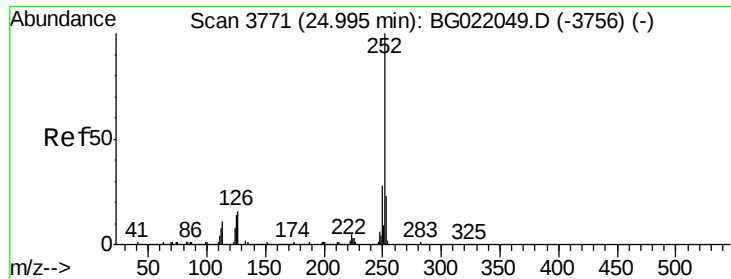
Delta R.T. 0.02 min

Lab File: BG022046.D

Acq: 23 May 2016 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	73765		
253	39.5	15.8	23.6#	
125	79.2	10.6	16.0#	





#88

Benzo(a)pyrene

Concen: 14.43 ng/ul

RT: 25.03 min Scan# 3778

Delta R.T. 0.05 min

Lab File: BG022046.D

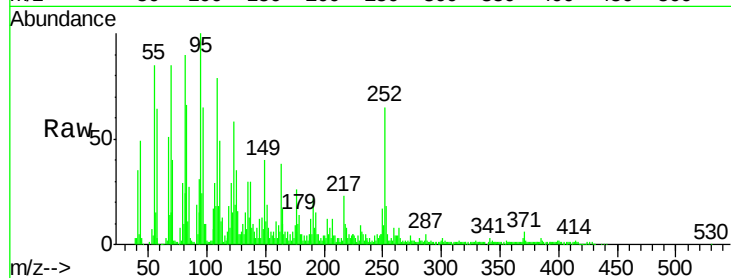
Acq: 23 May 2016 14:36

Instrument :

BNA_G

ClientSampled :

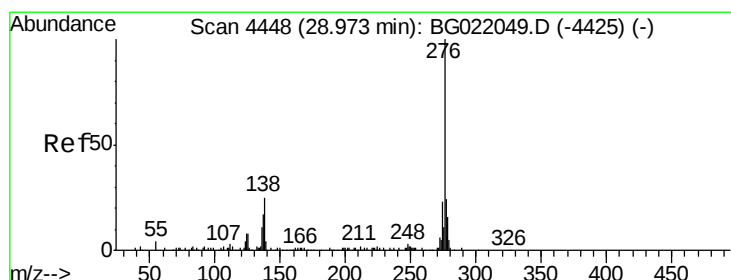
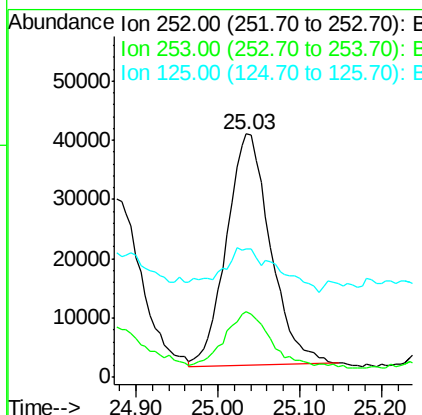
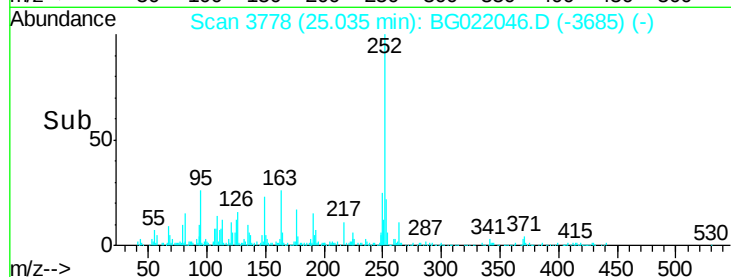
JHGF8



Tgt Ion:	252	Resp:	145885
Ion Ratio	Lower	Upper	
252	100		
253	26.9	19.0	28.4
125	52.8	12.0	18.0#

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#89

Indeno(1,2,3-cd)pyrene

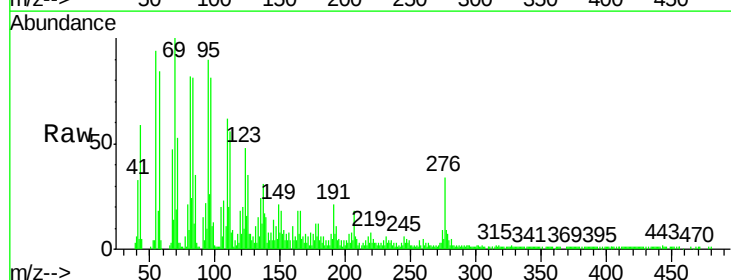
Concen: 5.87 ng/ul m

RT: 29.07 min Scan# 4464

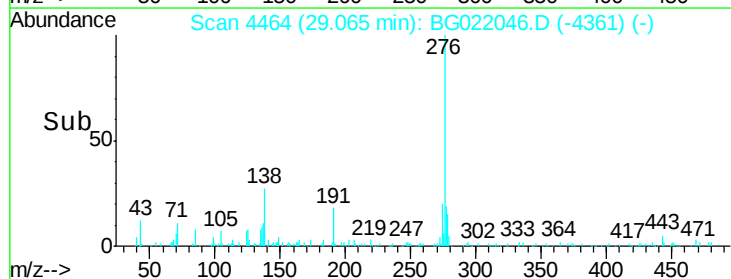
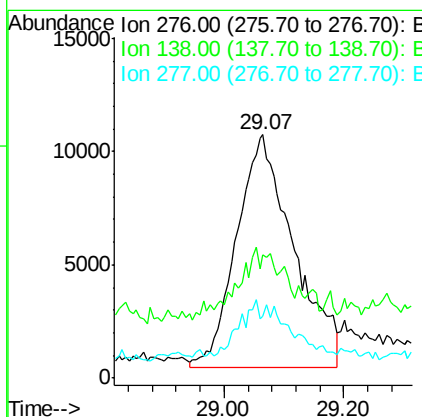
Delta R.T. 0.11 min

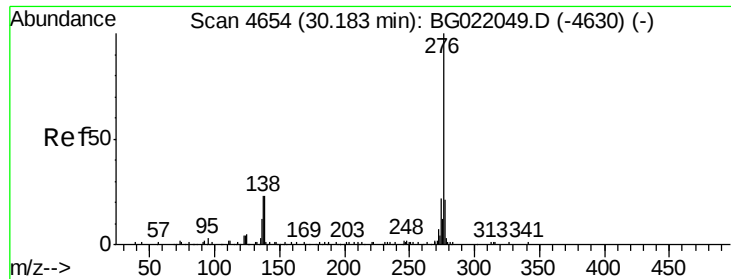
Lab File: BG022046.D

Acq: 23 May 2016 14:36



Tgt Ion:	276	Resp:	68035
Ion Ratio	Lower	Upper	
276	100		
138	50.4	20.8	31.2#
277	25.2	17.6	26.4





#91
 Benzo(g,h,i)perylene
 Concen: 4.74 ng/ul
 RT: 30.27 min Scan# 4669
 Delta R.T. 0.11 min
 Lab File: BG022046.D
 Acq: 23 May 2016 14:36

Instrument :
 BNA_G
 ClientSampleId :
 JHGF8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	44.0	22.1	33.1#
277	30.0	17.0	25.4#

Manual Integrations
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