

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
 Data File : BG025020.D
 Acq On : 8 Dec 2016 23:55
 Operator : UM/SJ
 Sample : H5863-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y8

Manual Integrations
 APPROVED

sohil
 12/9/2016 3:41:25 PM

Quant Time: Dec 09 02:48:14 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	95872	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	373538	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	317126	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	723820m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	996186m	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1056156m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	8930	4.81	ng/uL	0.00
5) Phenol-d5	7.38	99	177131	21.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	119639	23.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	133131	23.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	124737	18.05	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	67897	25.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	82552	25.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	153827	24.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	57096	9.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	551879	25.30	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	613572	25.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	65248	17.40	ng/ul	0.00
57) Fluorene-d10	15.85	176	512661	24.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	98845m	22.09	ng/ul	0.00
70) Anthracene-d10	17.70	188	834328	27.31	ng/ul	0.00
76) Pyrene-d10	19.97	212	1081662	26.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1165509	27.24	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.41	94	42274	4.98 ng/ul	95
11) 2-Methylphenol	8.68	108	7159	1.15 ng/ul#	78
14) Acetophenone	9.07	105	22966	2.18 ng/ul#	83
16) 4-Methylphenol	9.00	108	9956m	1.43 ng/ul	
24) 2,4-Dimethylphenol	10.22	107	13745	1.80 ng/ul#	78
28) Naphthalene	11.12	128	18411	1.06 ng/ul	97
34) 2-Methylnaphthalene	12.71	142	21823	1.59 ng/ul	83
44) Dimethylphthalate	14.30	163	100842	4.70 ng/ul#	95
47) Acenaphthylene	14.59	152	28572	1.23 ng/ul#	83
69) Phenanthrene	17.65	178	61108	1.77 ng/ul	95
74) Fluoranthene	19.64	202	482001m	11.74 ng/ul	
77) Pyrene	20.00	202	554003	11.57 ng/ul	99
80) Benzo(a)anthracene	21.88	228	425602m	8.22 ng/ul	
82) Chrysene	21.94	228	681214	14.07 ng/ul	95
85) Benzo(b)fluoranthene	24.22	252	1276518	24.37 ng/ul	97
86) Benzo(k)fluoranthene	24.29	252	423297m	8.50 ng/ul	
88) Benzo(a)pyrene	25.15	252	584995	11.62 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.22	276	738482	11.80 ng/ul	97
90) Dibenzo(a,h)anthracene	29.25	278	187869	3.56 ng/ul#	85
91) Benzo(g,h,i)perylene	30.46	276	663925	12.71 ng/ul#	95

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

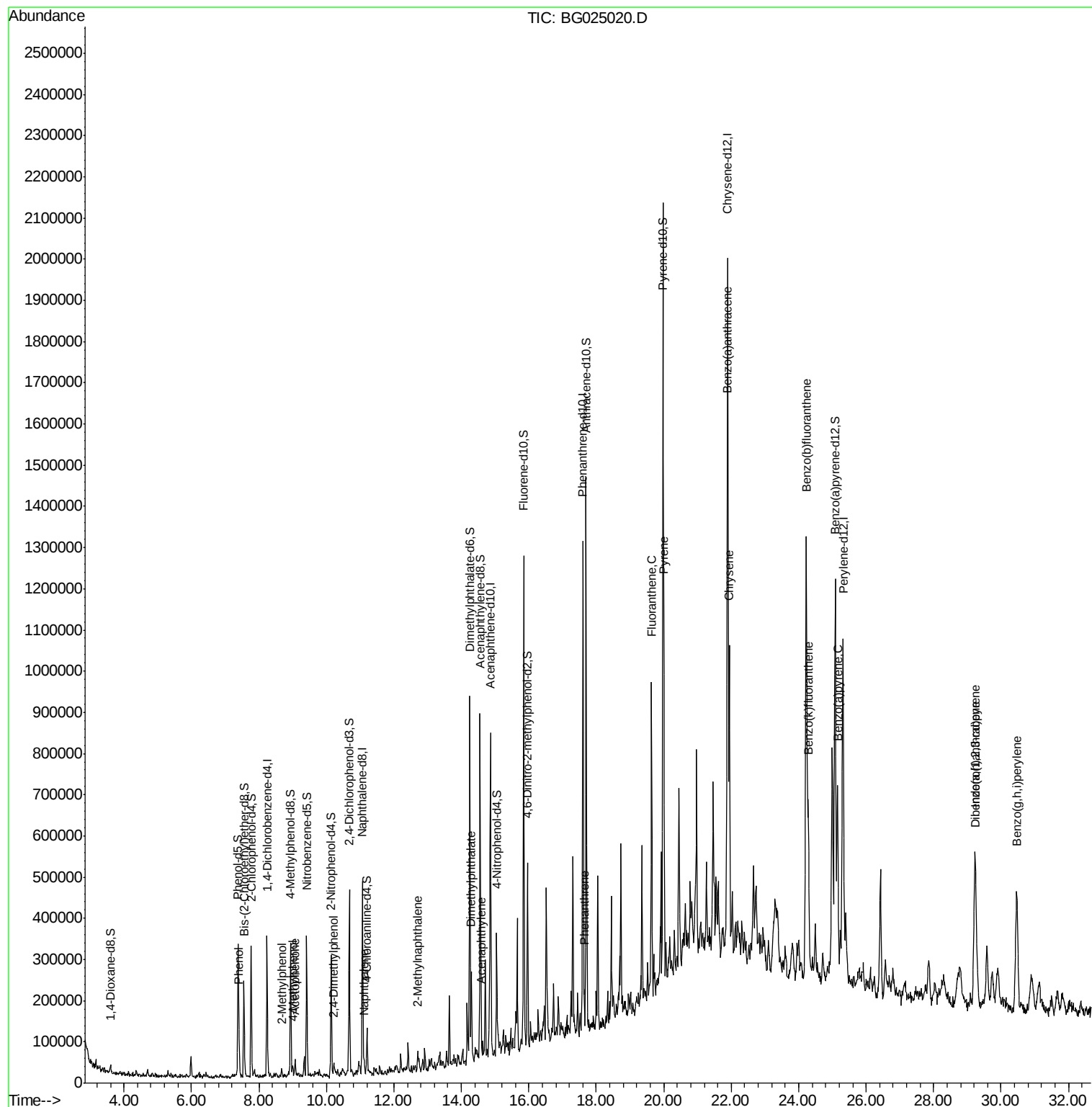
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

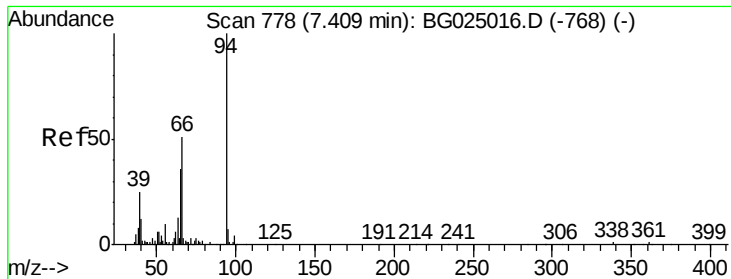
Instrument :
BNA_G
ClientSampleId :
DA7Y8

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Quant Time: Dec 09 02:48:14 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration





#6

Phenol

Concen: 4.98 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG025020.D

Acq: 8 Dec 2016 23:55

Instrument :

BNA_G

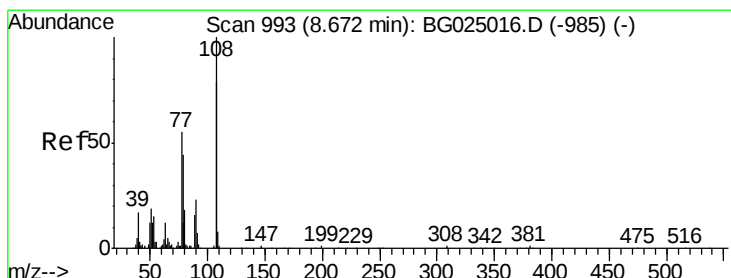
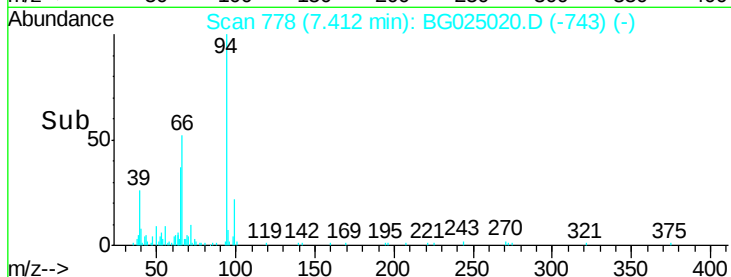
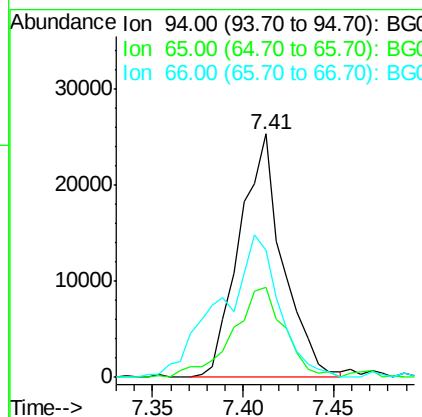
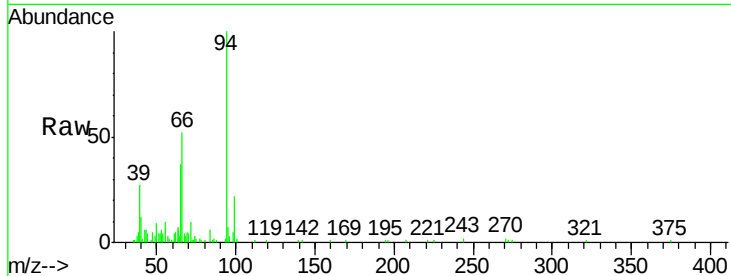
ClientSampleId :

DA7Y8

Tot Ion:	94	Resp:	42274
Ion	Ratio	Lower	Upper
94	100		
65	37.2	26.8	40.2
66	52.0	44.4	66.6

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#11

2-Methylphenol

Concen: 1.15 ng/ul

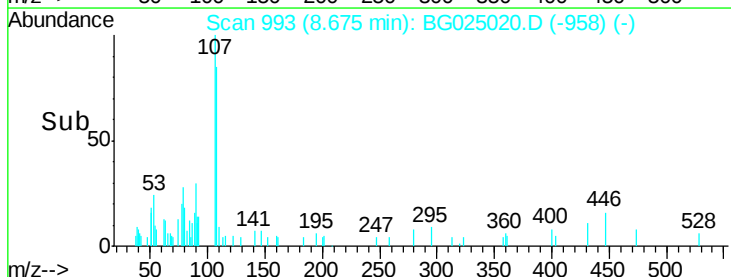
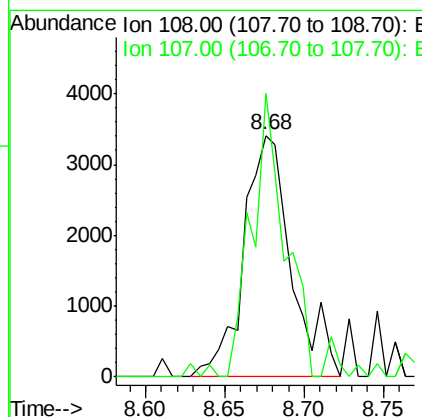
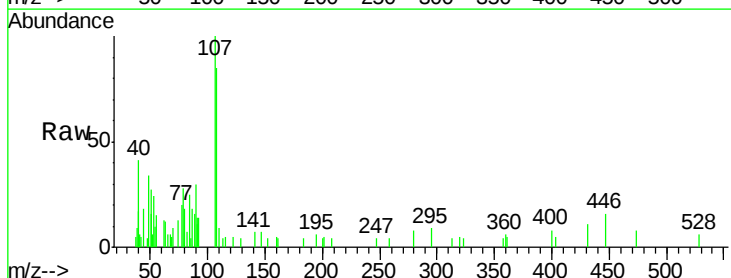
RT: 8.68 min Scan# 993

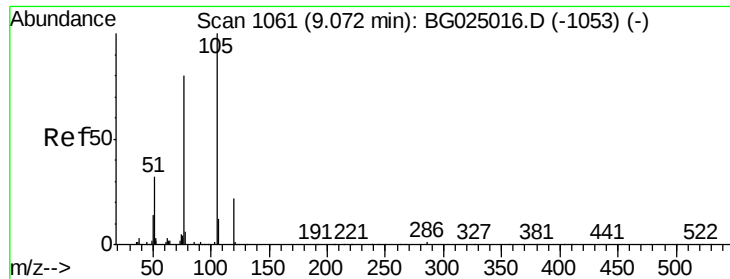
Delta R.T. 0.00 min

Lab File: BG025020.D

Acq: 8 Dec 2016 23:55

Tgt Ion:	108	Resp:	7159
Ion	Ratio	Lower	Upper
108	100		
107	117.1	76.7	115.1#





#14

Acetophenone

Concen: 2.18 ng/ul

RT: 9.07 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BG025020.D

Acq: 8 Dec 2016 23:55

Instrument :

BNA_G

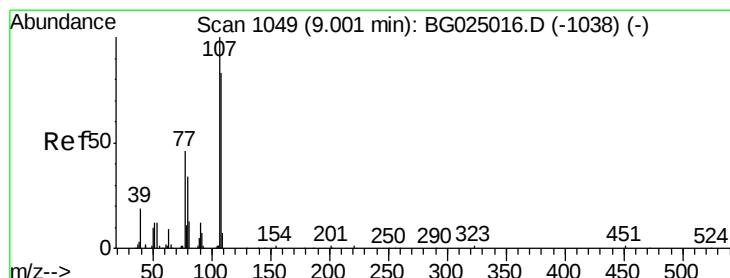
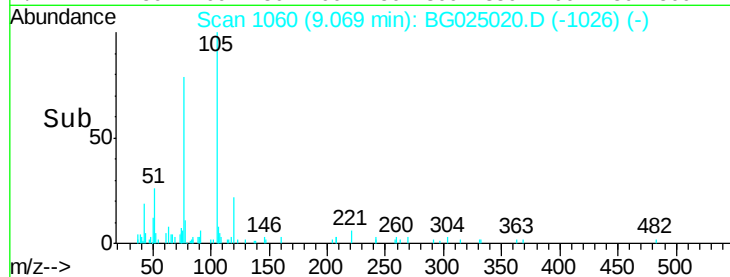
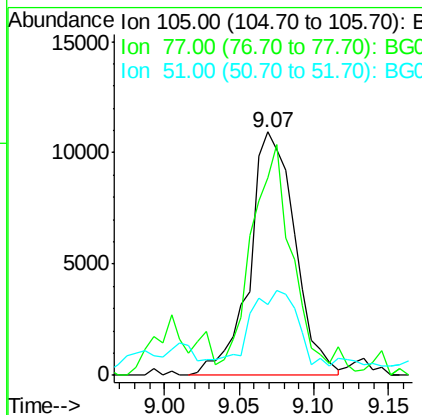
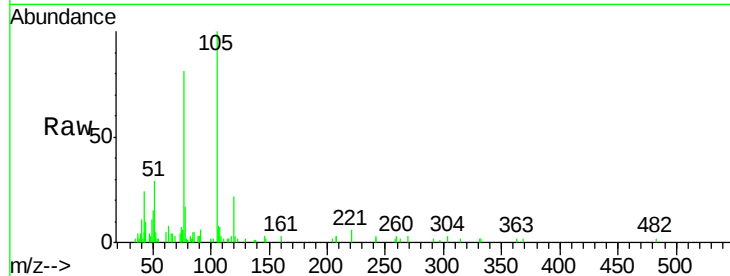
ClientSampled :

DA7Y8

Tot Ion	Ratio	Lower	Upper
105	100		
77	81.0	76.0	114.0
51	29.2	34.8	52.2

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#16

4-Methylphenol

Concen: 1.43 ng/ul m

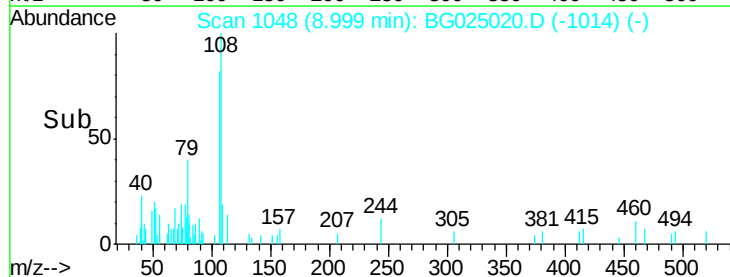
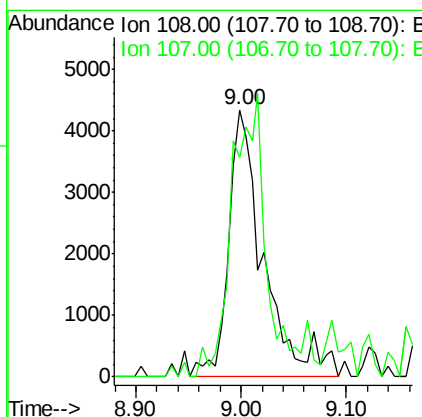
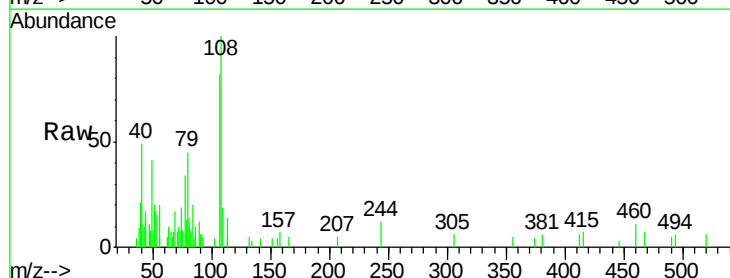
RT: 9.00 min Scan# 1048

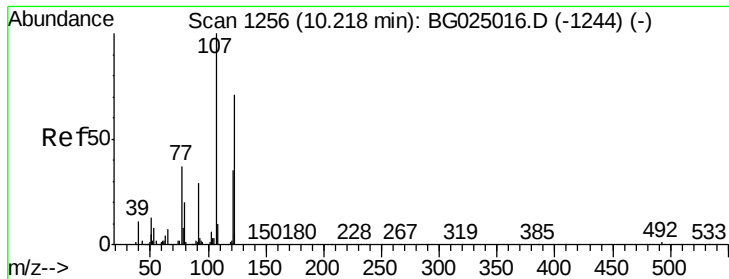
Delta R.T. -0.00 min

Lab File: BG025020.D

Acq: 8 Dec 2016 23:55

Tgt Ion	Ratio	Lower	Upper
108	100		
107	82.5	91.7	137.5





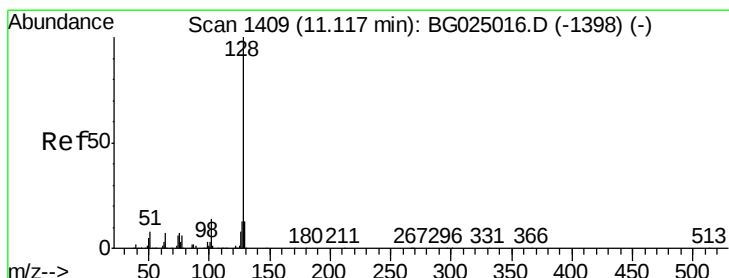
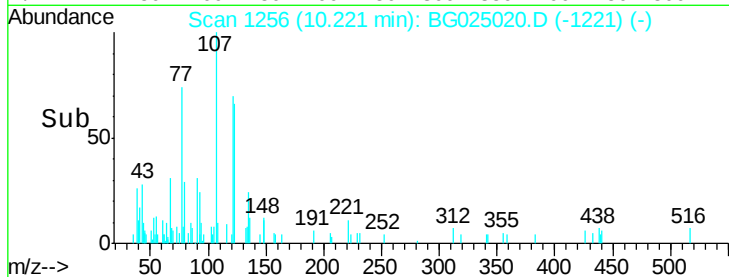
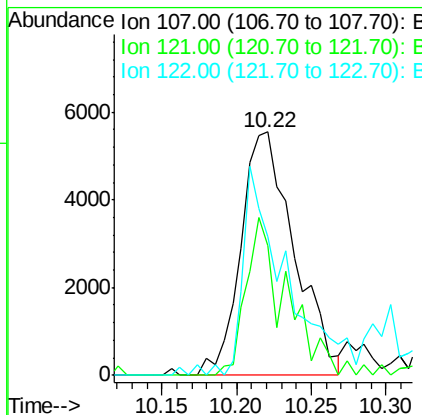
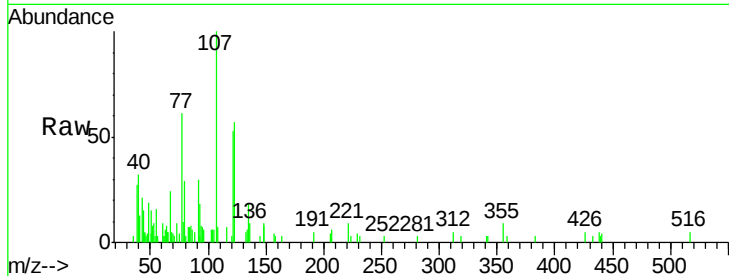
#24
2,4-Dimethylphenol
Concen: 1.80 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tot Ion	Ratio	Lower	Upper
107	100		
121	53.2	32.3	48.5#
122	56.9	61.2	91.8#

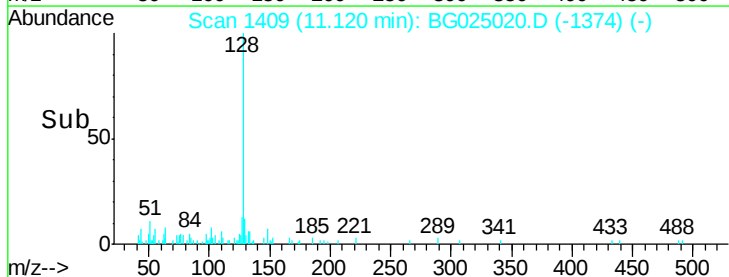
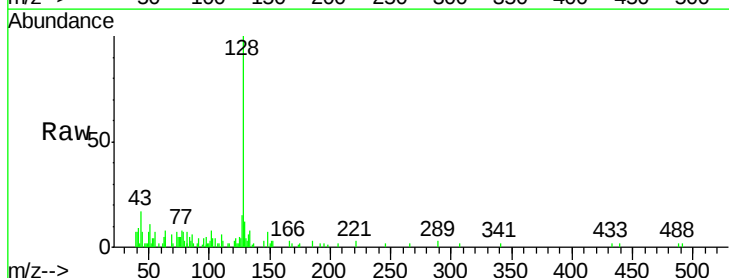
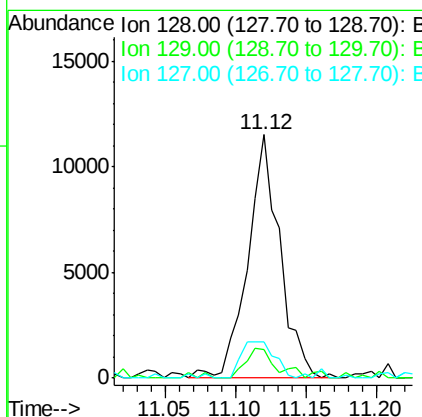
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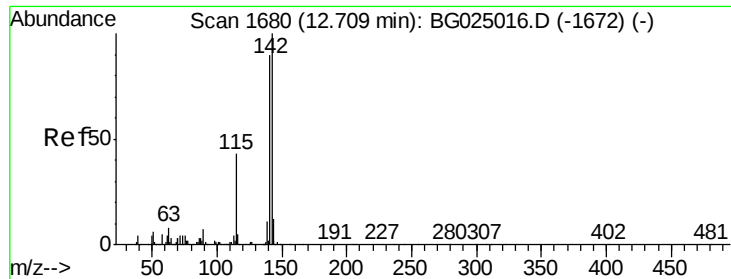
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#28
Naphthalene
Concen: 1.06 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	14.9	10.3	15.5





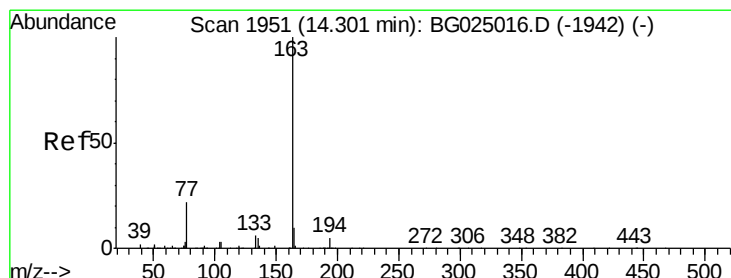
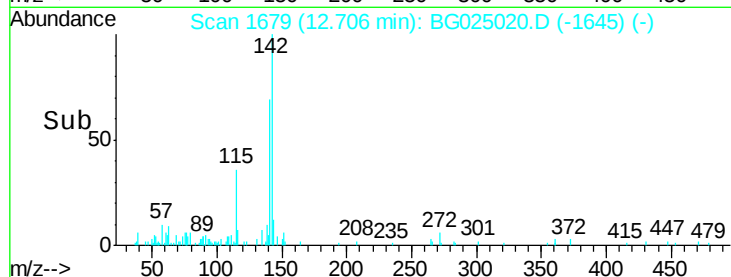
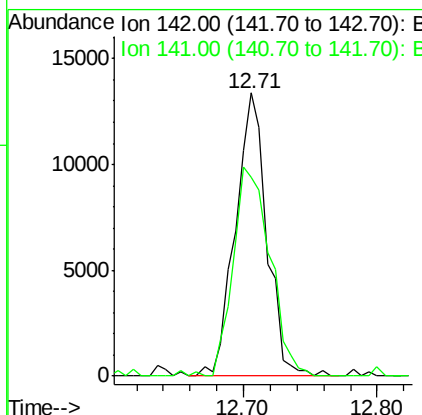
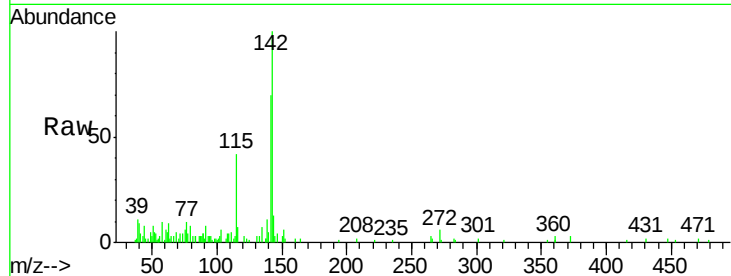
#34
2-Methylnaphthalene
Concen: 1.59 ng/ul
RT: 12.71 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tot Ion	Ratio	Lower	Upper
142	100		
141	70.1	68.6	102.8

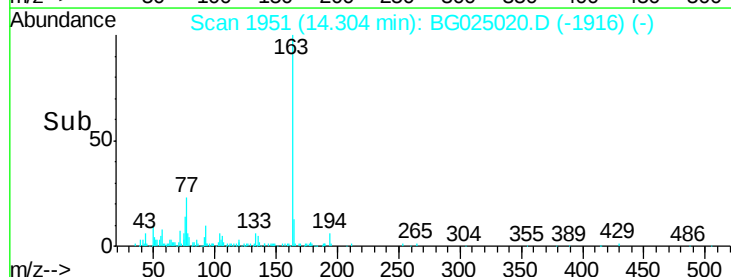
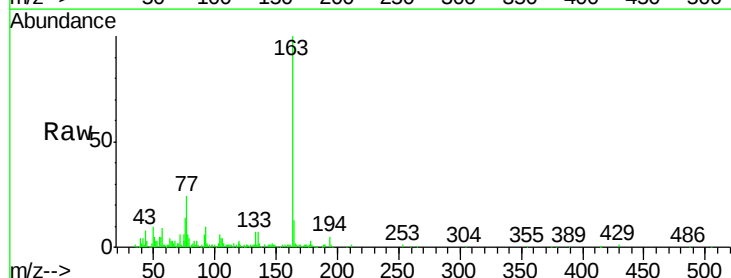
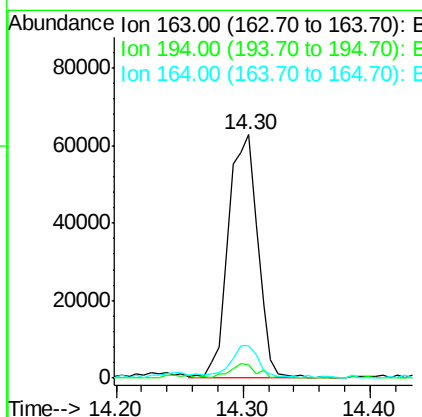
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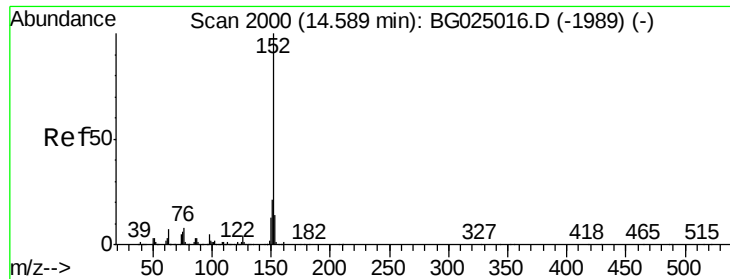
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#44
Dimethylphthalate
Concen: 4.70 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.4	5.0#
164	13.3	9.0	13.4





#47

Acenaphthylene

Concen: 1.23 ng/ul

RT: 14.59 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BG025020.D

Acq: 8 Dec 2016 23:55

Instrument :

BNA_G

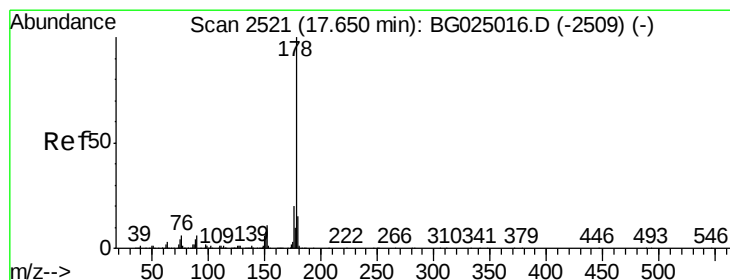
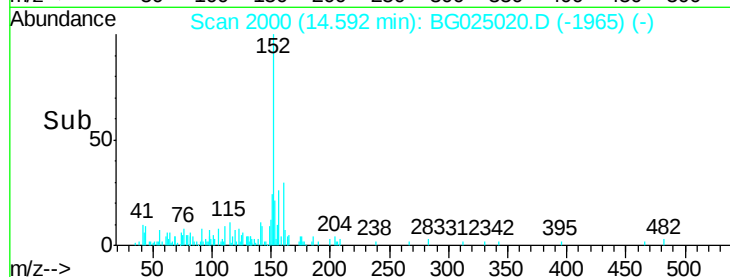
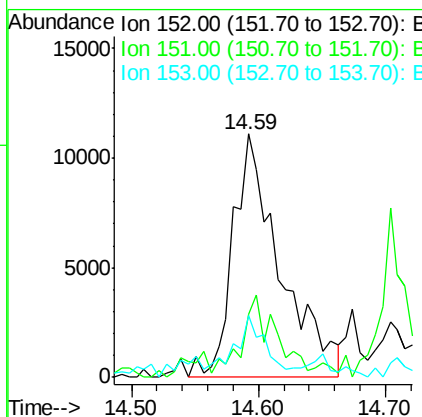
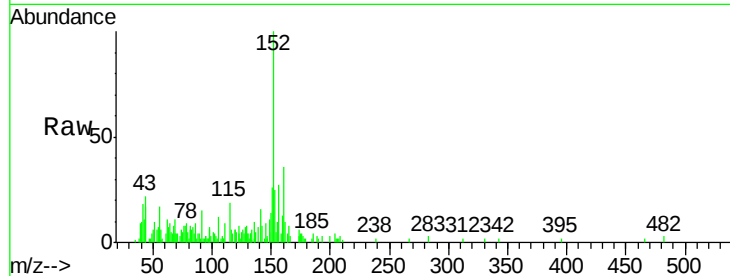
ClientSampled :

DA7Y8

Tot Ion:	152	Resp:	28572
Ion Ratio	Lower	Upper	
152	100		
151	25.7	16.7	25.1#
153	25.2	11.4	17.2#

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#69

Phenanthrene

Concen: 1.77 ng/ul

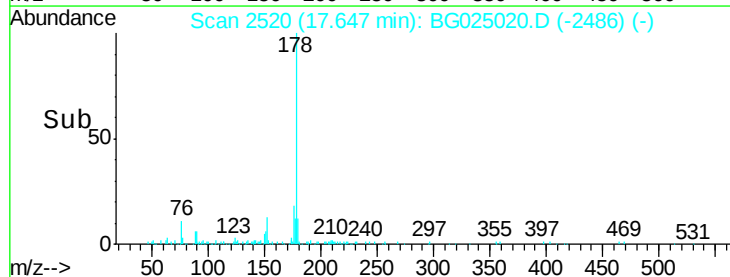
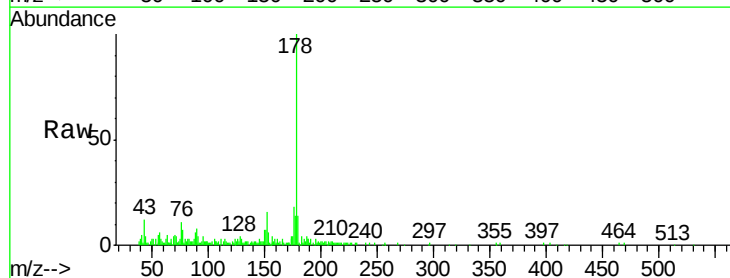
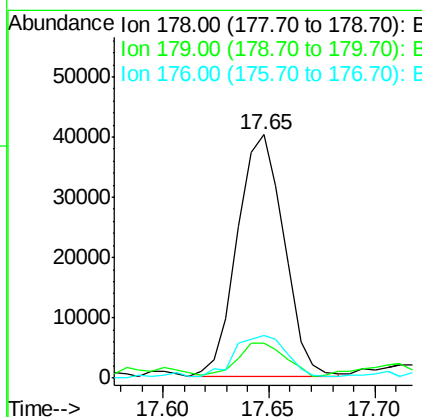
RT: 17.65 min Scan# 2520

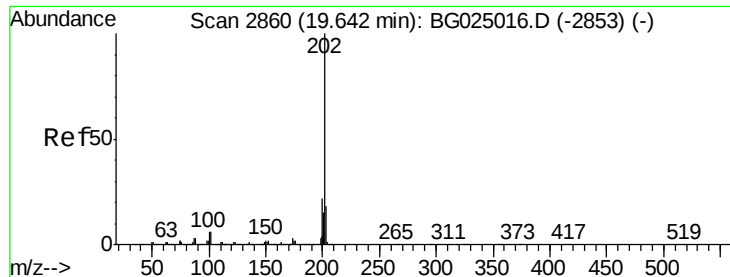
Delta R.T. -0.00 min

Lab File: BG025020.D

Acq: 8 Dec 2016 23:55

Tgt Ion:	178	Resp:	61108
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.4	18.6
176	17.7	16.5	24.7





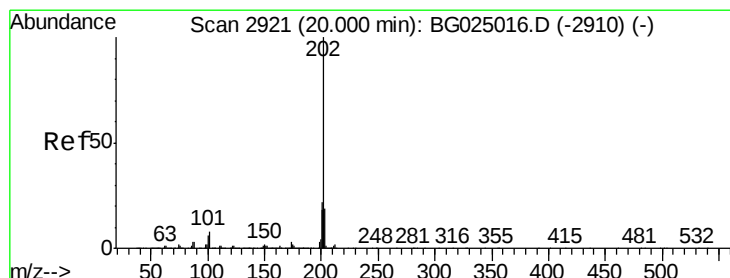
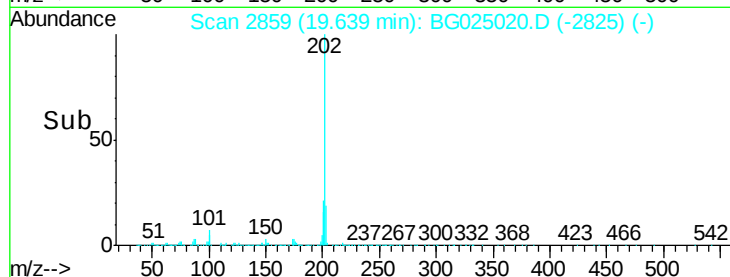
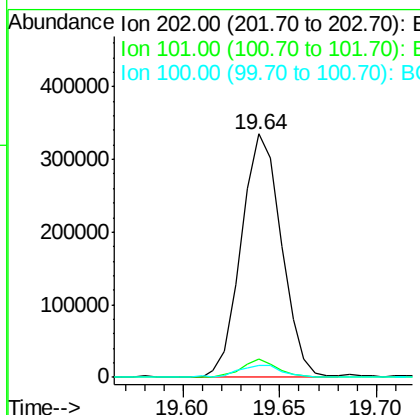
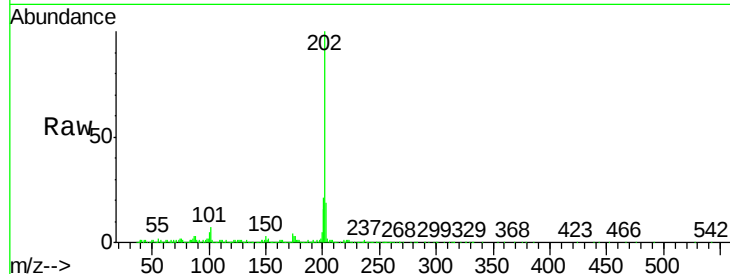
#74
Fluoranthene
Concen: 11.74 ng/ul m
RT: 19.64 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.3	6.2	9.2
100	5.1	5.2	7.8

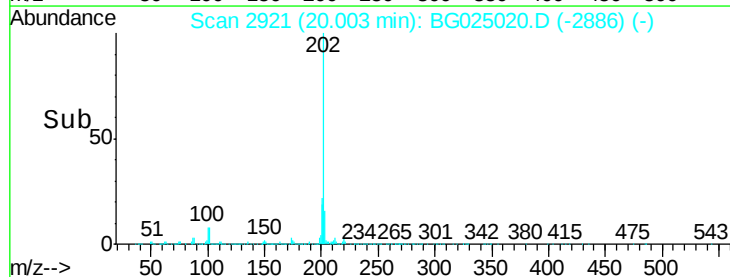
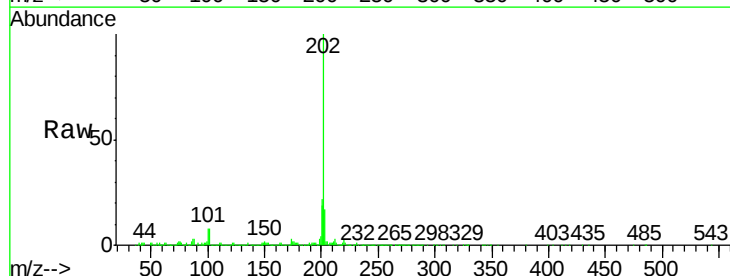
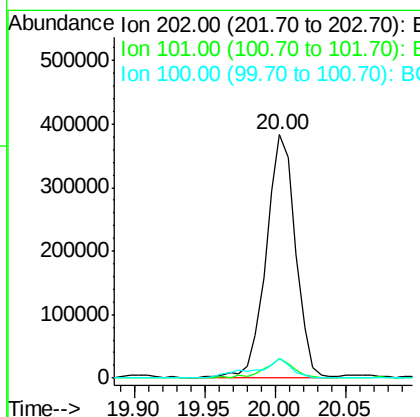
Manual Integrations
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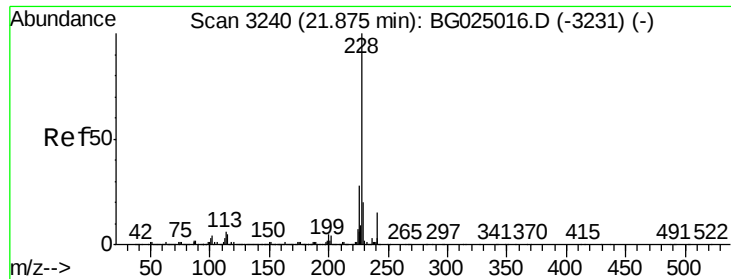
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#77
Pyrene
Concen: 11.57 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.1	6.9	10.3
100	7.9	6.6	10.0





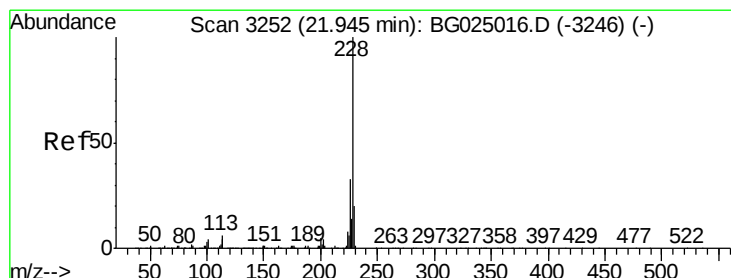
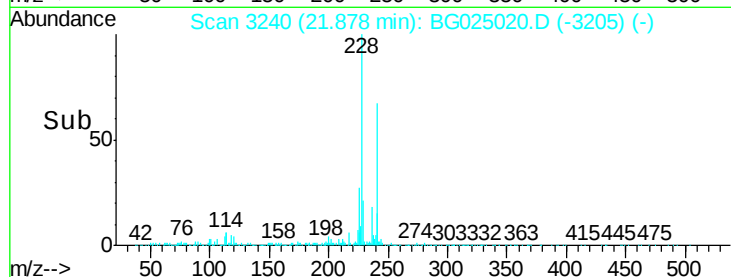
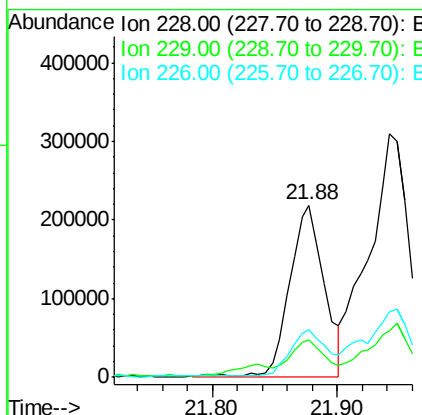
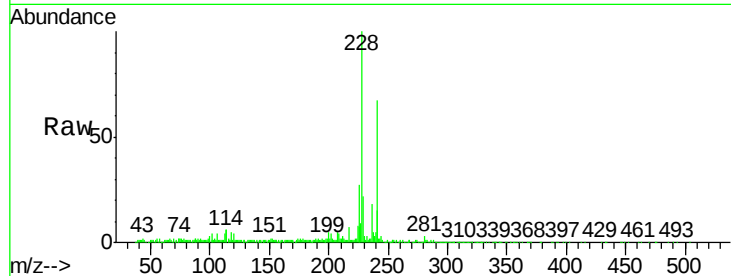
#80
Benzo(a)anthracene
Concen: 8.22 ng/ul m
RT: 21.88 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.3	24.5
226	27.4	21.9	32.9

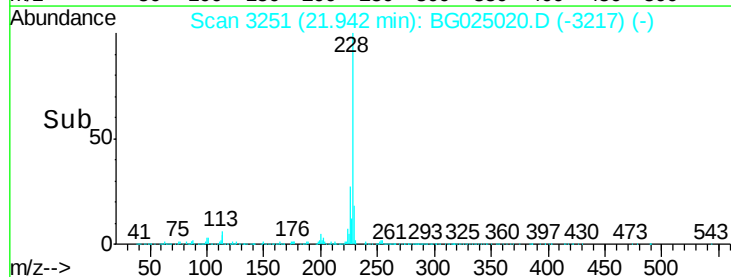
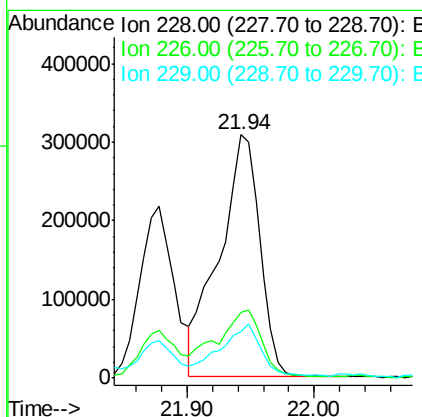
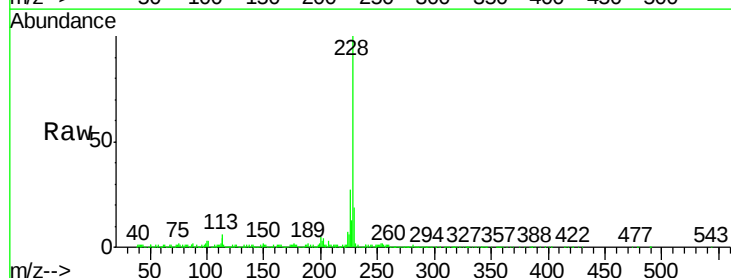
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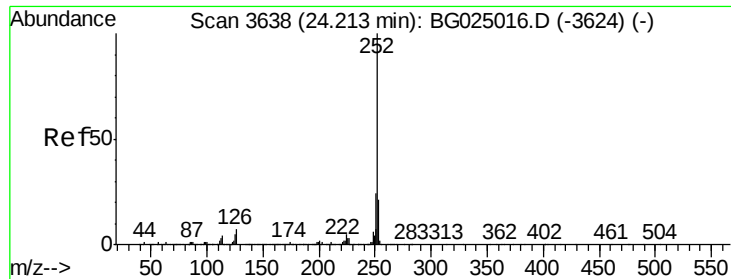
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#82
Chrysene
Concen: 14.07 ng/ul
RT: 21.94 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.0	36.0
229	19.1	16.9	25.3





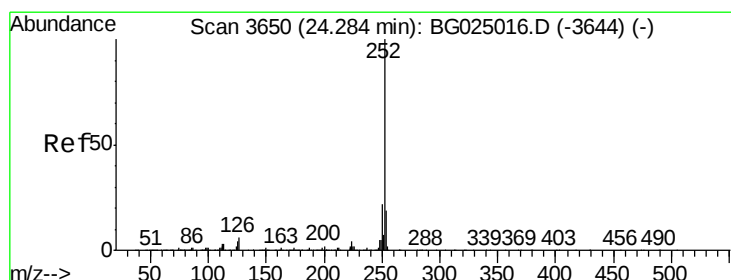
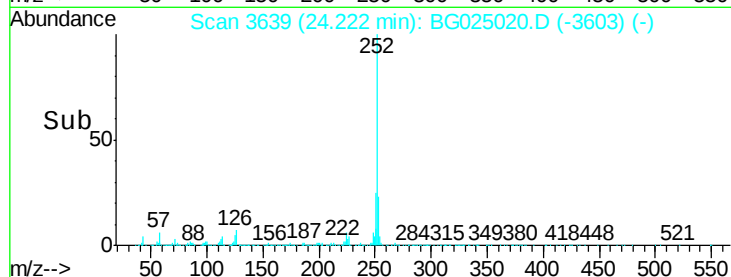
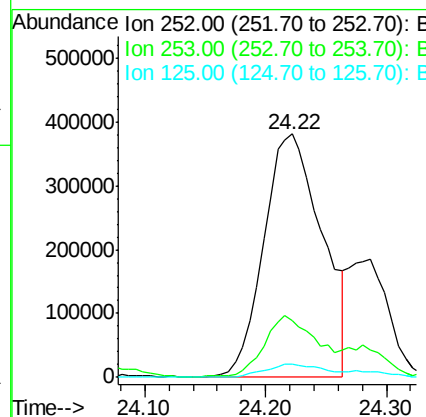
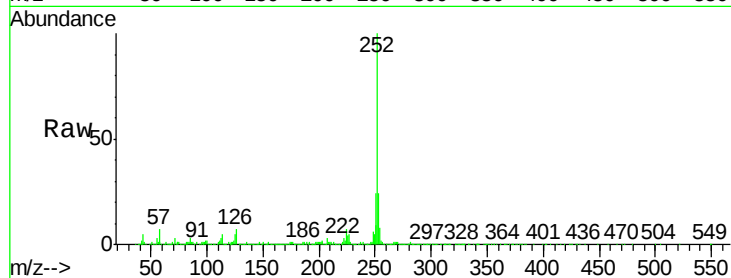
#85
Benzo(b)fluoranthene
Concen: 24.37 ng/ul
RT: 24.22 min Scan# 3639
Delta R.T. 0.01 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampled :
DA7Y8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	5.2	4.0	6.0

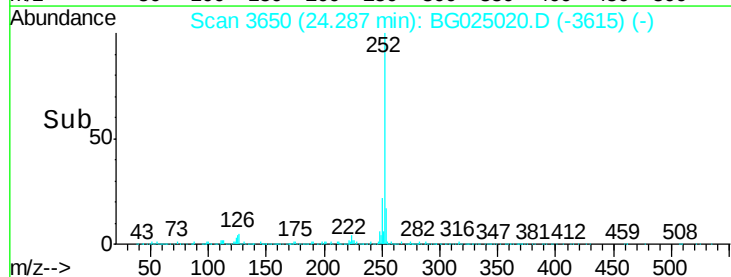
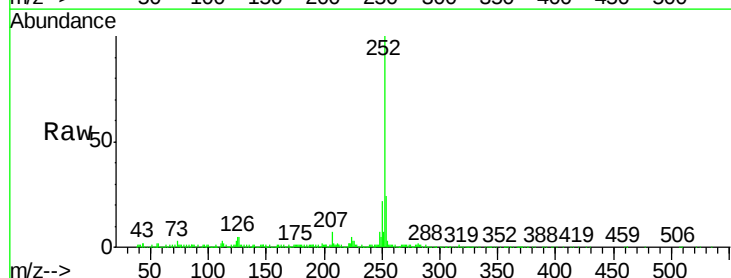
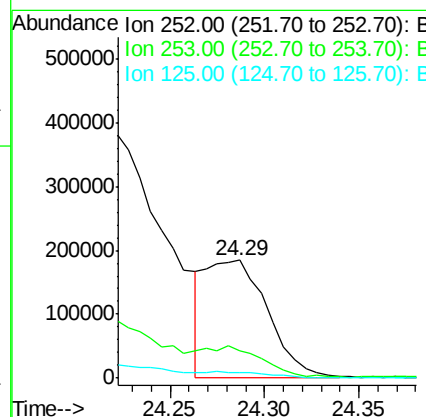
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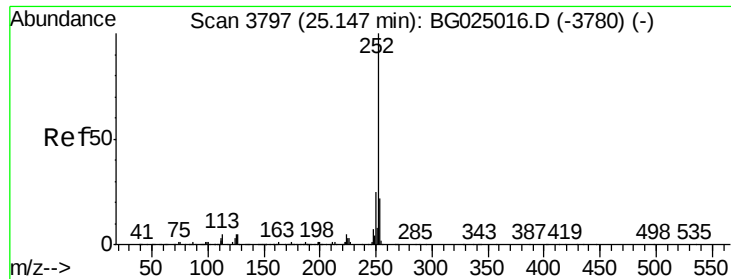
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#86
Benzo(k)fluoranthene
Concen: 8.50 ng/ul m
RT: 24.29 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	4.7	4.1	6.1





#88

Benzo(a)pyrene

Concen: 11.62 ng/ul

RT: 25.15 min Scan# 3797

Delta R.T. 0.00 min

Lab File: BG025020.D

Acq: 8 Dec 2016 23:55

Instrument :

BNA_G

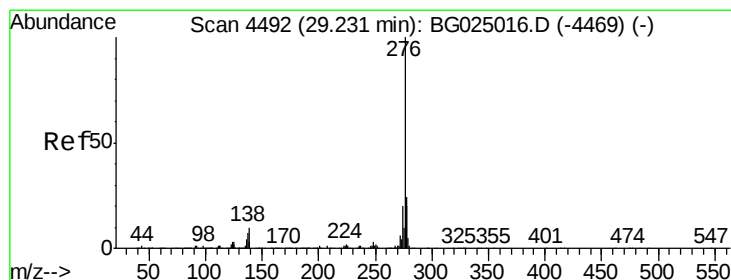
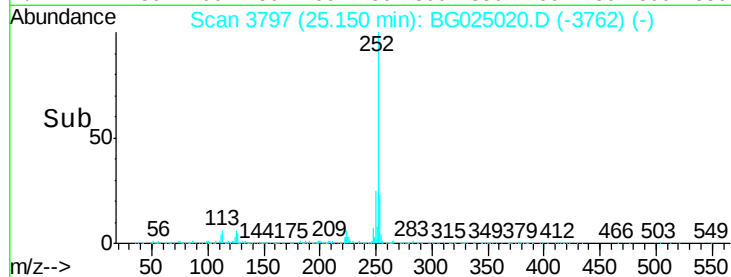
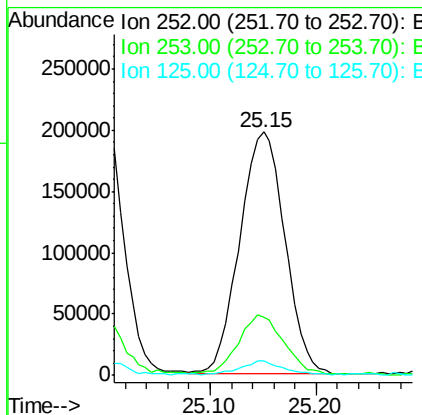
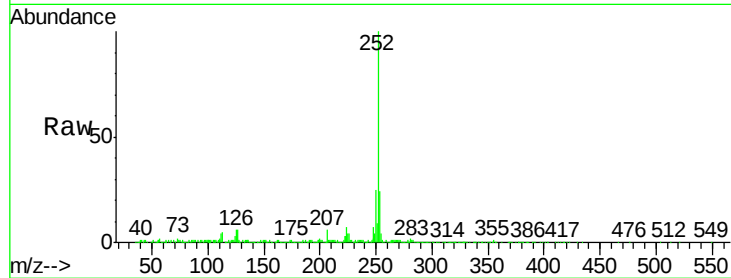
ClientSampled :

DA7Y8

Tot Ion:	252	Resp:	584995
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.6
125	5.8	5.4	8.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 11.80 ng/ul

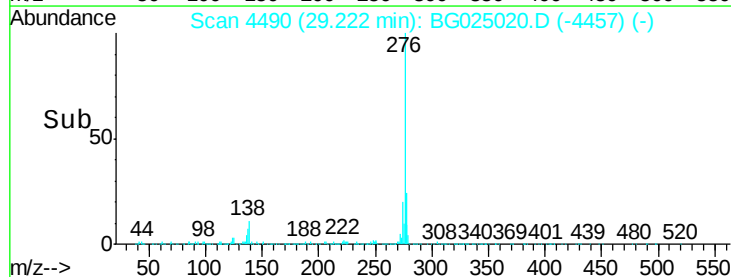
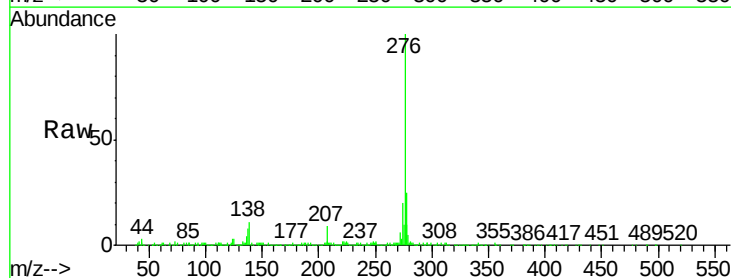
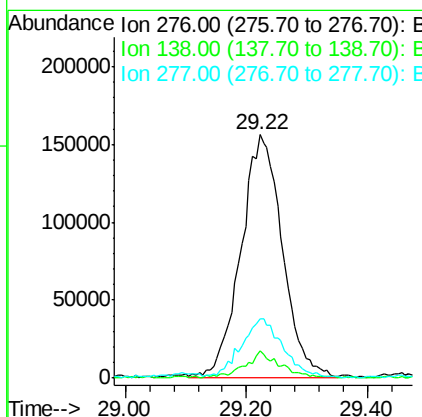
RT: 29.22 min Scan# 4490

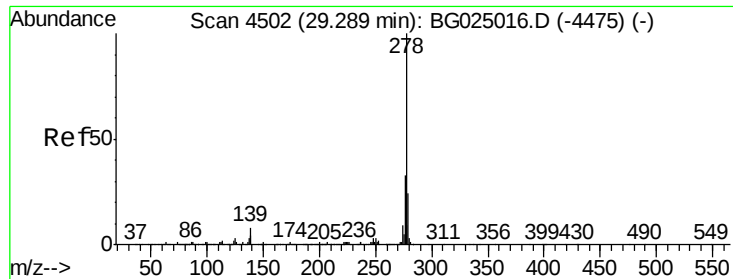
Delta R.T. -0.01 min

Lab File: BG025020.D

Acq: 8 Dec 2016 23:55

Tgt Ion:	276	Resp:	738482
Ion Ratio	Lower	Upper	
276	100		
138	11.4	8.2	12.4
277	24.6	18.6	28.0





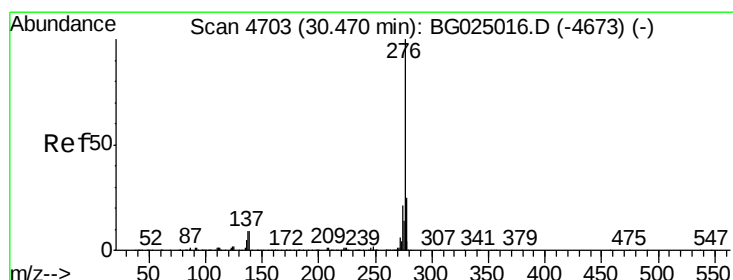
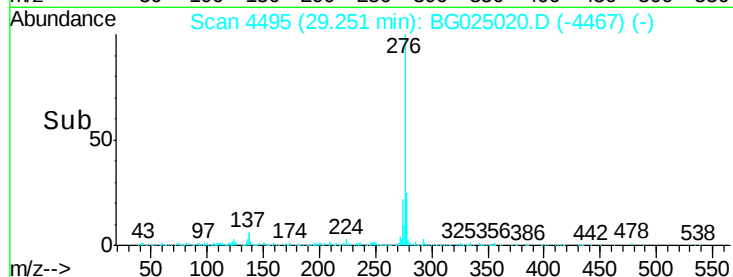
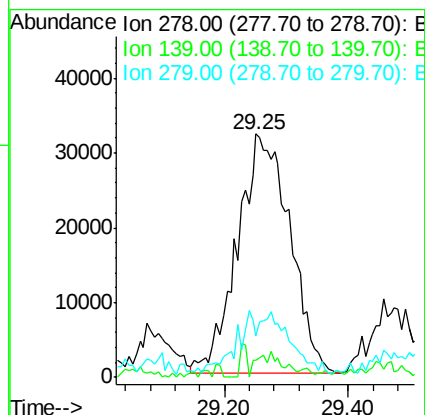
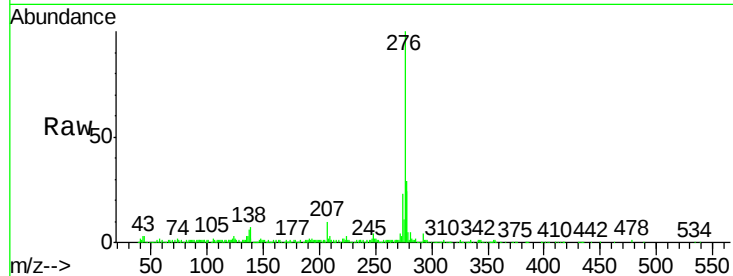
#90
Dibenzo(a,h)anthracene
Concen: 3.56 ng/ul
RT: 29.25 min Scan# 4495
Delta R.T. -0.04 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.8	6.7	10.1
279	16.9	20.9	31.3#

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#91
Benzo(g,h,i)perylene
Concen: 12.71 ng/ul
RT: 30.46 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.6	8.6	12.8#
277	23.6	17.6	26.4

