

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
 Data File : BG018924.D
 Acq On : 26 Sep 2015 22:14
 Operator : UM/NP
 Sample : G3798-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9G66

Manual Integrations
 APPROVED

MMDadoda
 9/28/2015 6:15:44 PM

Quant Time: Sep 28 05:58:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 28 04:33:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	56490	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	244616	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	155592	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	378857	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	400555	20.00	ng/ul	0.00
86) Perylene-d12	24.79	264	411686	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	1211	1.03	ng/uL	0.00
5) Phenol-d5	7.16	99	27704	5.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	16621	6.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	22603	6.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	20668	5.49	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	11672	6.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	11132	5.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	23486	5.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	16875	3.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	78837	6.30	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	59023	3.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	4252	1.77	ng/ul	0.00
58) Fluorene-d10	15.61	176	30831	2.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	1412	0.79	ng/ul	0.00
71) Anthracene-d10	17.45	188	10803	0.65	ng/ul	0.00
79) Pyrene-d10	19.74	212	28640	1.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	10145	0.51	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.84	128	12769	1.03	ng/ul#	95
34) 2-Methylnaphthalene	12.45	142	9593	1.04	ng/ul#	80
45) Dimethylphthalate	14.06	163	26259	2.16	ng/ul	97
70) Phenanthrene	17.40	178	144953	7.53	ng/ul	98
72) Anthracene	17.49	178	44298	2.29	ng/ul	97
77) Fluoranthene	19.41	202	406051	19.02	ng/ul	96
80) Pyrene	19.76	202	387945	16.47	ng/ul	96
83) Benzo(a)anthracene	21.59	228	272447	12.27	ng/ul	97
85) Chrysene	21.66	228	243374	11.88	ng/ul	95
88) Benzo(b)fluoranthene	23.78	252	402649	17.30	ng/ul	96
89) Benzo(k)fluoranthene	23.84	252	137209m	6.15	ng/ul	
91) Benzo(a)pyrene	24.64	252	292975	13.24	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.41	276	213376	8.32	ng/ul	96
93) Dibenzo(a,h)anthracene	28.45	278	51592m	2.51	ng/ul	
94) Benzo(g,h,i)perylene	29.53	276	197267m	9.21	ng/ul	

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

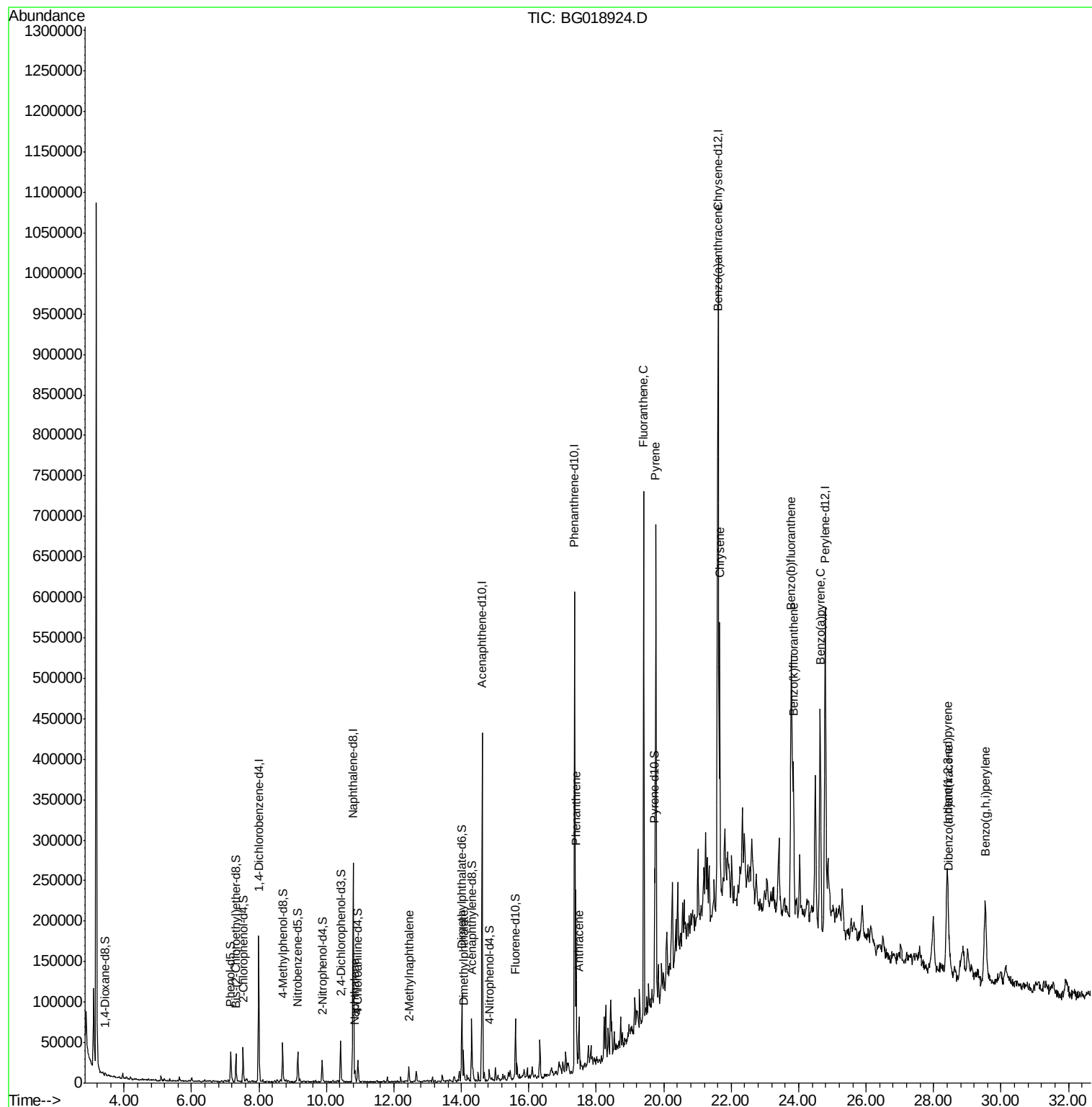
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018924.D
Acq On : 26 Sep 2015 22:14
Operator : UM/NP
Sample : G3798-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

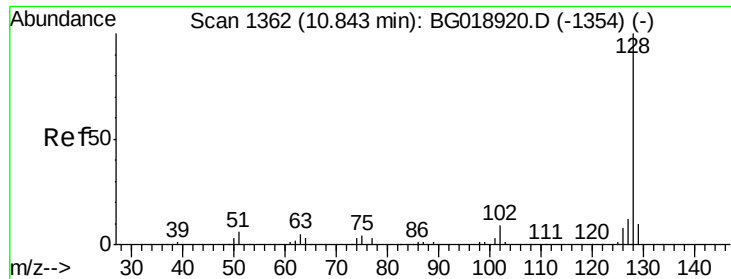
Instrument :
BNA_G
ClientSampleId :
D9G66

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Quant Time: Sep 28 05:58:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration





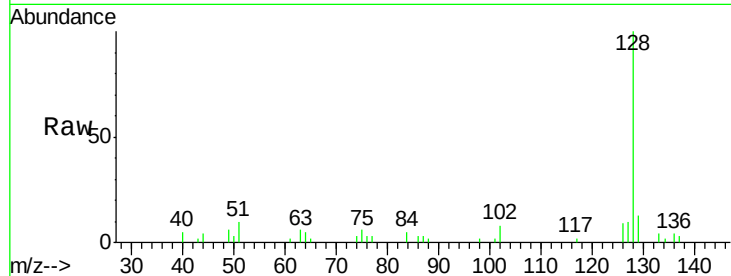
#28
Naphthalene
Concen: 1.03 ng/ul
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG018924.D
Acq: 26 Sep 2015 22:14

Instrument :
BNA_G
ClientSampleId :
D9G66

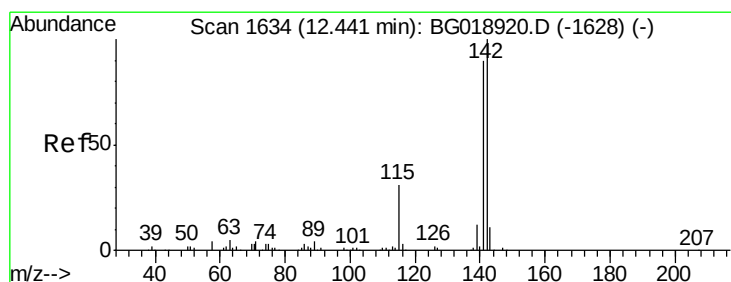
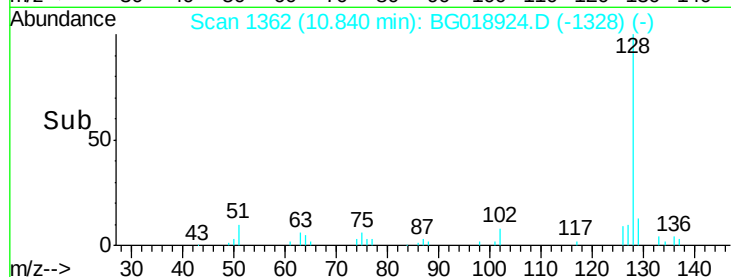
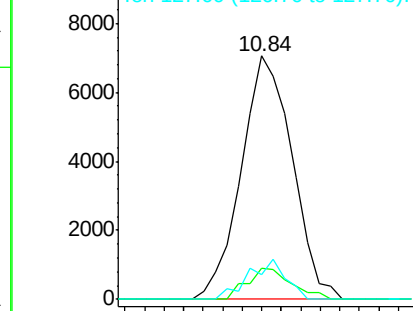
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	12769		
129	12.7	9.6	14.4	
127	10.2	10.5	15.7	

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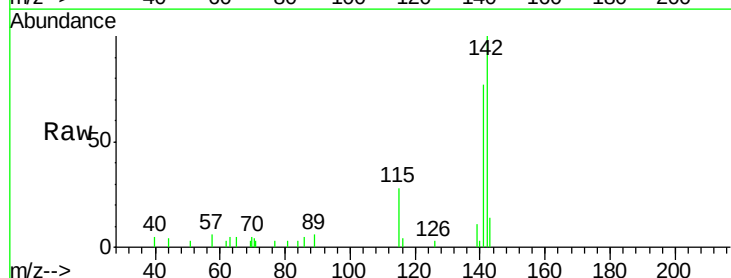


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

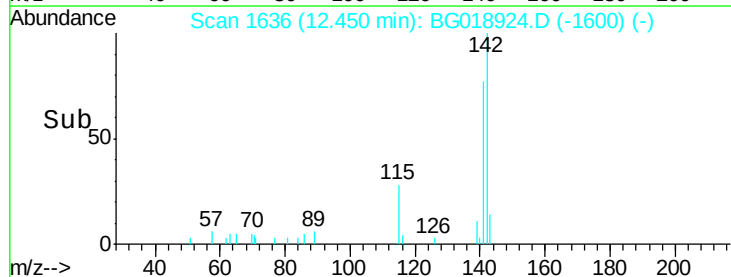
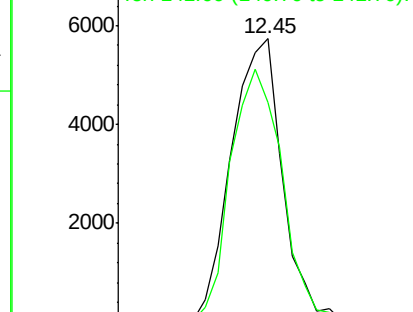


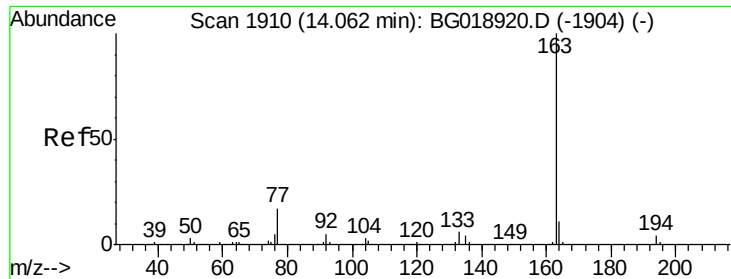
#34
2-Methylnaphthalene
Concen: 1.04 ng/ul
RT: 12.45 min Scan# 1636
Delta R.T. 0.01 min
Lab File: BG018924.D
Acq: 26 Sep 2015 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	9593		
141	77.5	78.0	117.0	



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





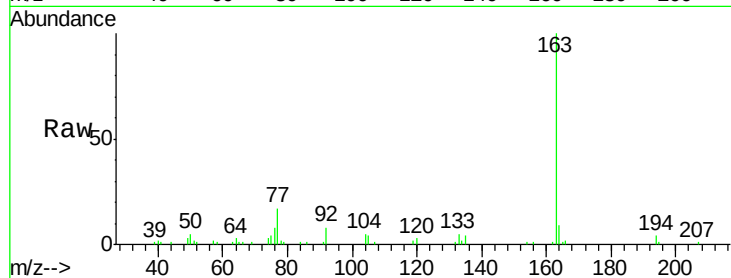
#45
Dimethylphthalate
Concen: 2.16 ng/ul
RT: 14.06 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BG018924.D
Acq: 26 Sep 2015 22:14

Instrument :
BNA_G
ClientSampleId :
D9G66

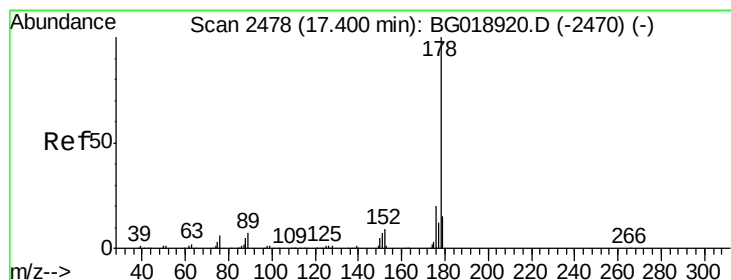
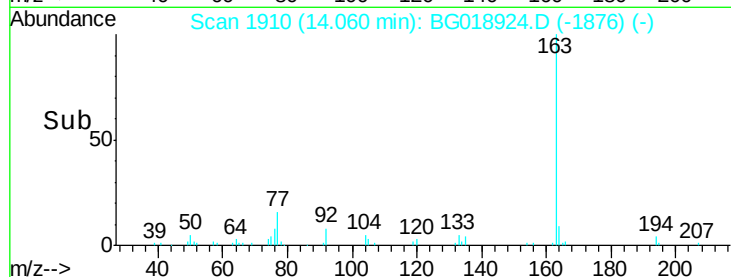
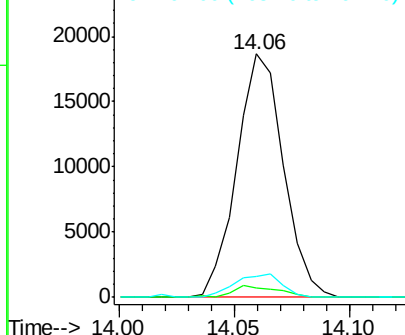
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	26259		
194	4.0		2.9	4.3
164	8.5		7.7	11.5

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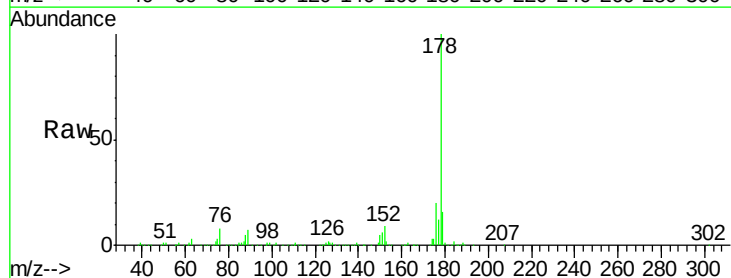


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

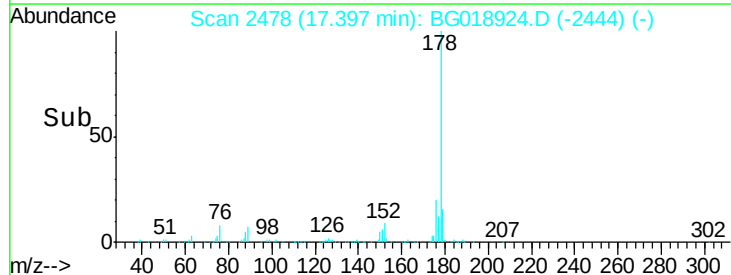
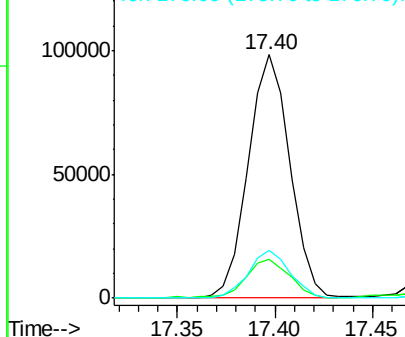


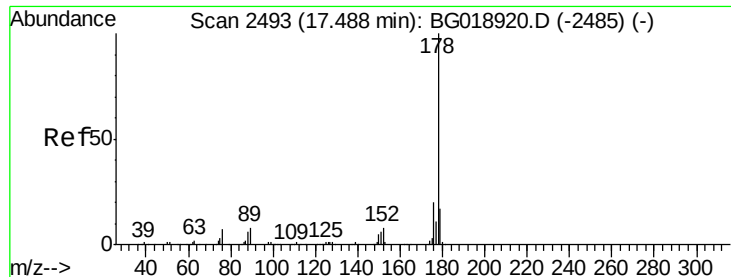
#70
Phenanthrene
Concen: 7.53 ng/ul
RT: 17.40 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BG018924.D
Acq: 26 Sep 2015 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	144953		
179	16.2		13.7	20.5
176	19.8		16.6	24.8



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





#72

Anthracene

Concen: 2.29 ng/ul

RT: 17.49 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG018924.D

Acq: 26 Sep 2015 22:14

Instrument :

BNA_G

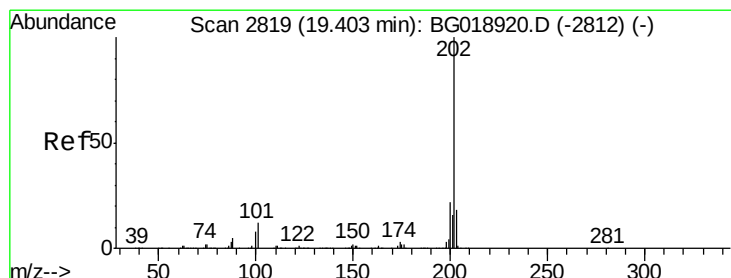
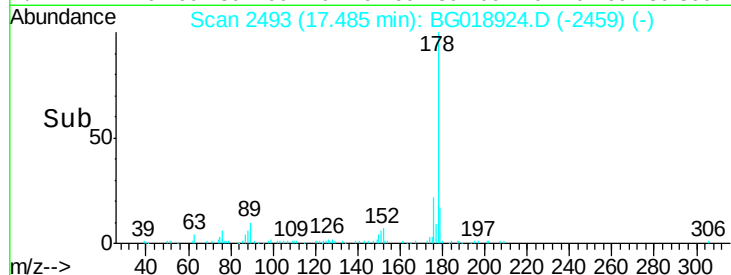
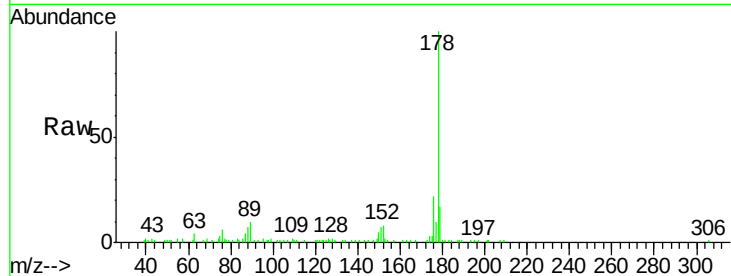
ClientSampled :

D9G66

Tgt Ion:	178	Resp:	44298
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.0	19.4
176	22.1	16.0	24.0

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#77

Fluoranthene

Concen: 19.02 ng/ul

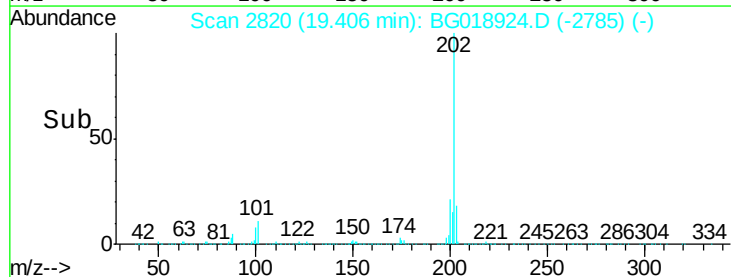
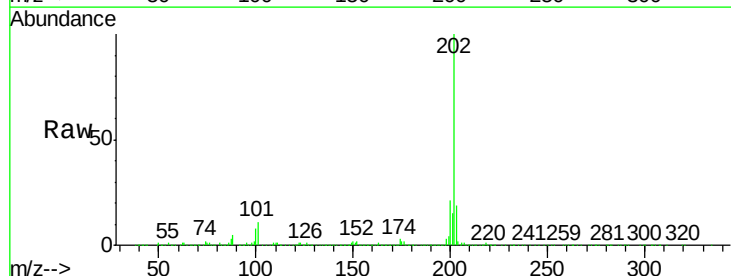
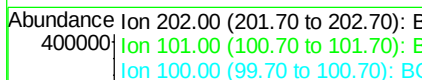
RT: 19.41 min Scan# 2820

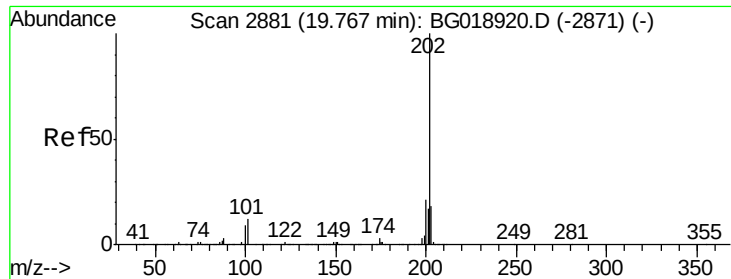
Delta R.T. 0.00 min

Lab File: BG018924.D

Acq: 26 Sep 2015 22:14

Tgt Ion:	202	Resp:	406051
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.7	14.5
100	8.1	7.8	11.8





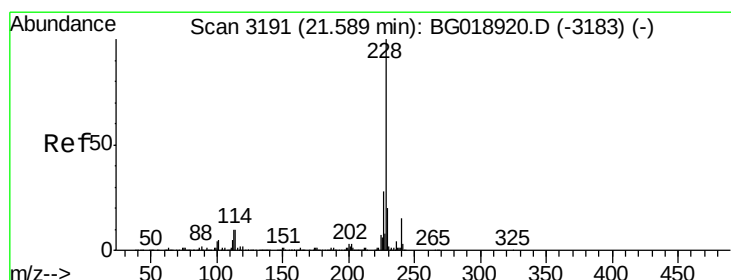
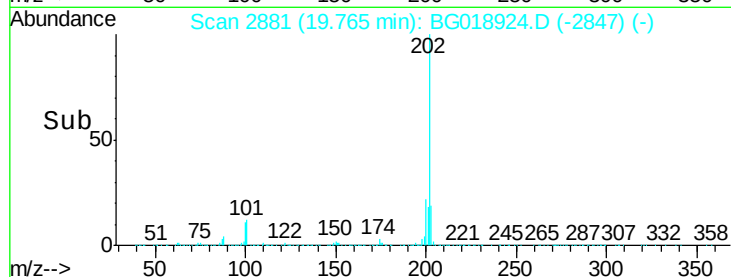
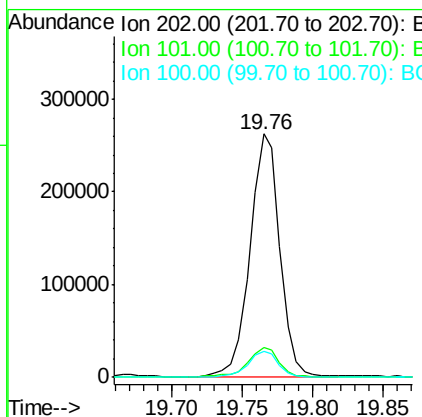
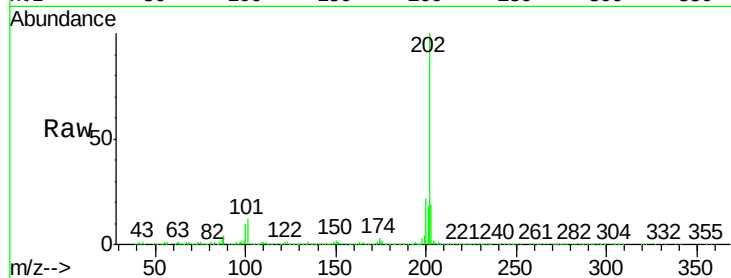
#80
Pyrene
Concen: 16.47 ng/ul
RT: 19.76 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG018924.D
Acq: 26 Sep 2015 22:14

Instrument :
BNA_G
ClientSampleId :
D9G66

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	387945		
101	12.0		11.0	16.4
100	10.5		9.8	14.6

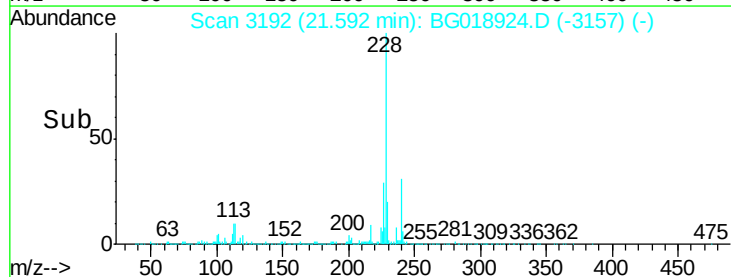
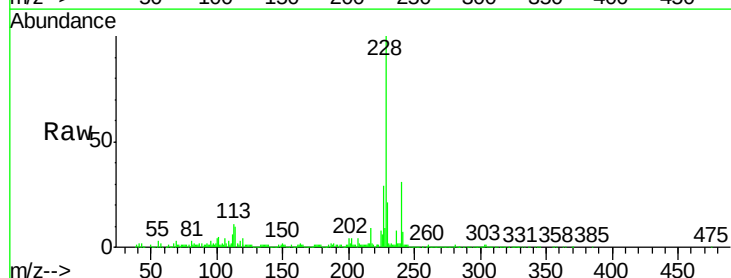
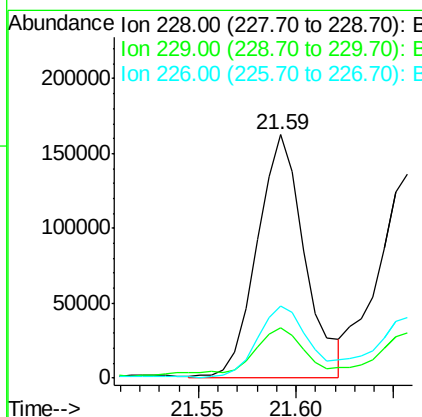
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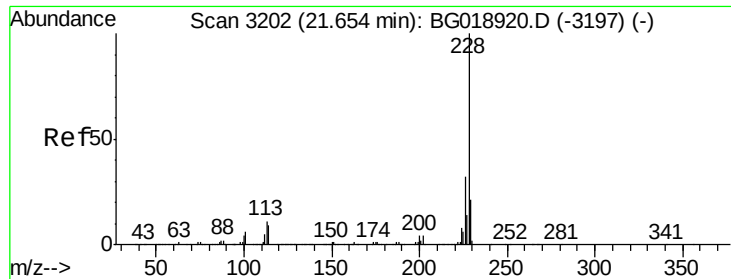
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#83
Benzo(a)anthracene
Concen: 12.27 ng/ul
RT: 21.59 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BG018924.D
Acq: 26 Sep 2015 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	272447		
229	20.7		15.5	23.3
226	29.4		22.1	33.1





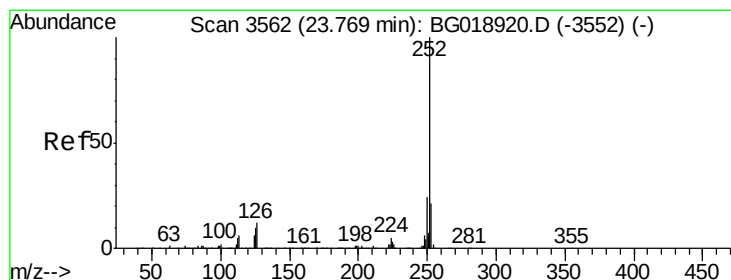
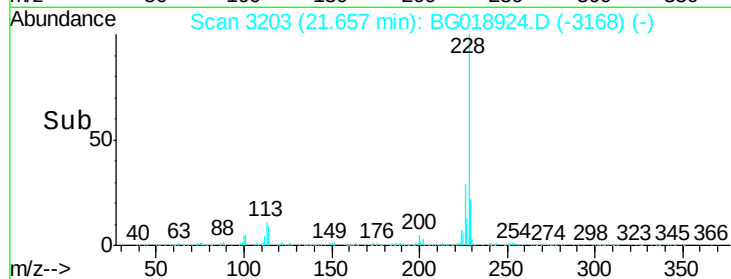
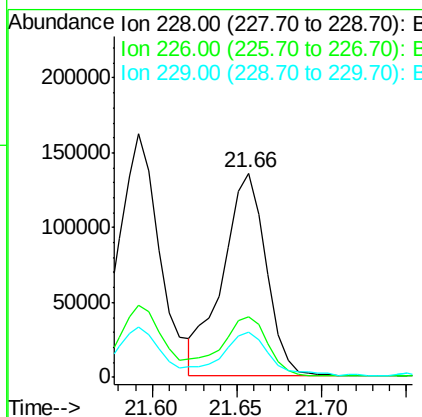
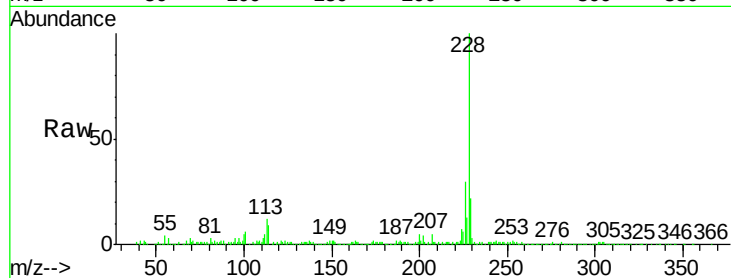
#85
 Chrysene
 Concen: 11.88 ng/ul
 RT: 21.66 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: BG018924.D
 Acq: 26 Sep 2015 22:14

Instrument :
 BNA_G
 ClientSampleId :
 D9G66

Tgt Ion:	228	Resp:	243374
Ion Ratio	Lower	Upper	
228	100		
226	29.8	26.5	39.7
229	22.4	16.9	25.3

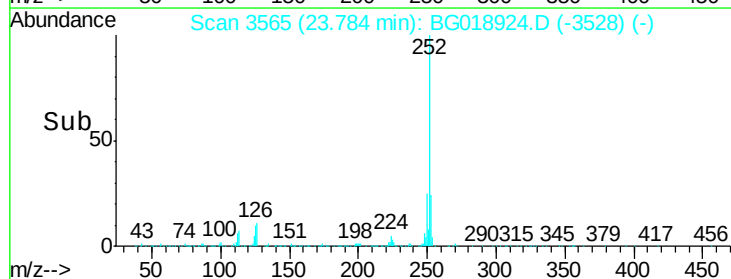
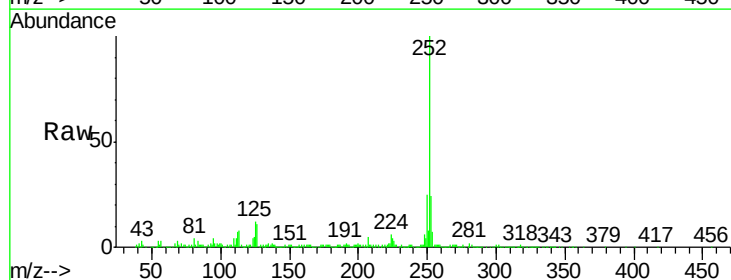
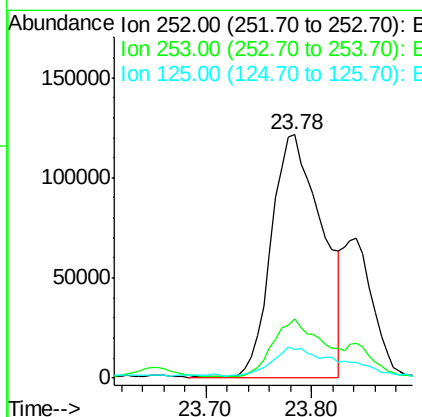
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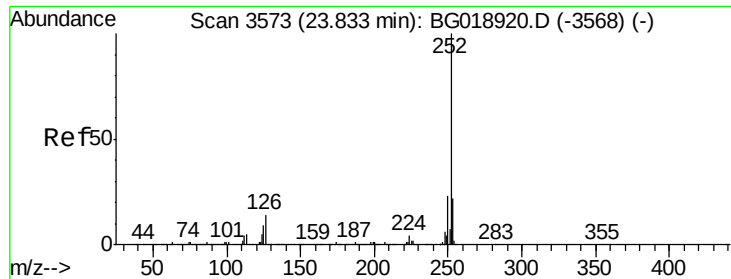
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#88
 Benzo(b)fluoranthene
 Concen: 17.30 ng/ul
 RT: 23.78 min Scan# 3565
 Delta R.T. 0.01 min
 Lab File: BG018924.D
 Acq: 26 Sep 2015 22:14

Tgt Ion:	252	Resp:	402649
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.1	27.1
125	11.7	8.3	12.5





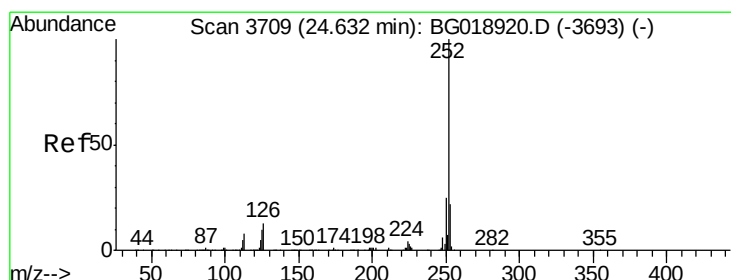
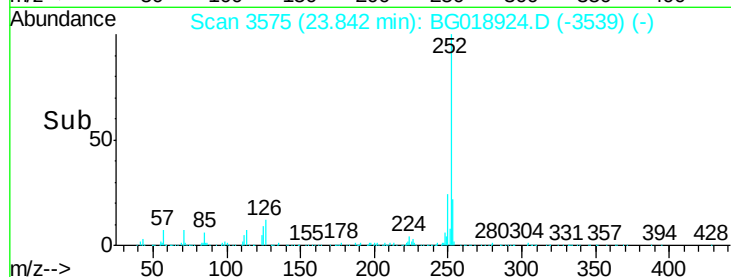
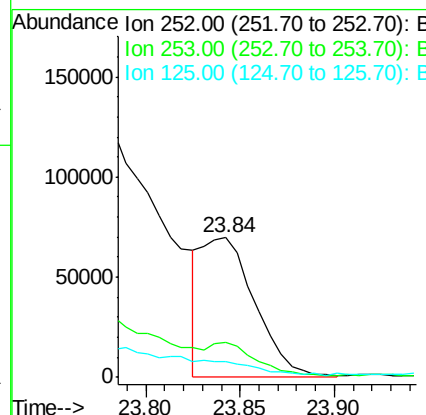
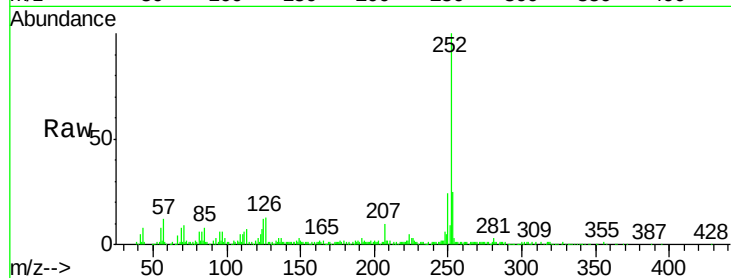
#89
Benzo(k)fluoranthene
Concen: 6.15 ng/ul m
RT: 23.84 min Scan# 3575
Delta R.T. 0.01 min
Lab File: BG018924.D
Acq: 26 Sep 2015 22:14

Instrument :
BNA_G
ClientSampleId :
D9G66

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.6
125	11.6	9.0	13.4

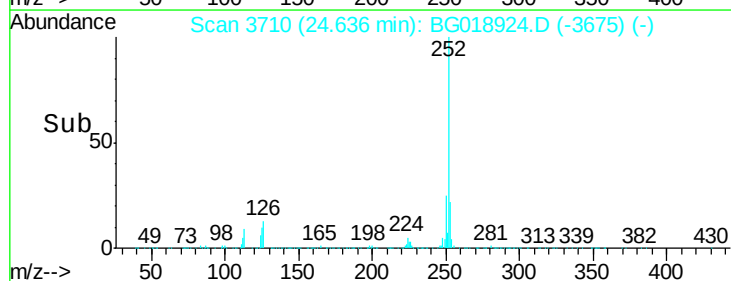
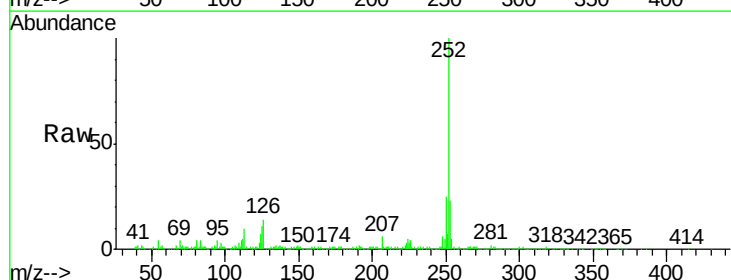
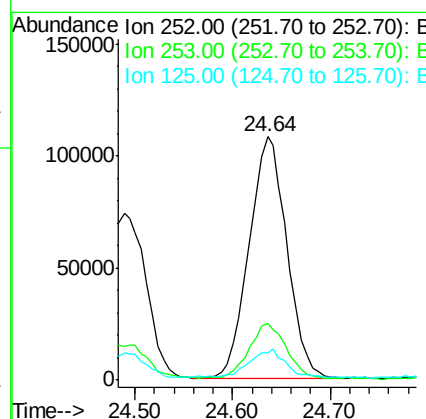
Manual Integrations
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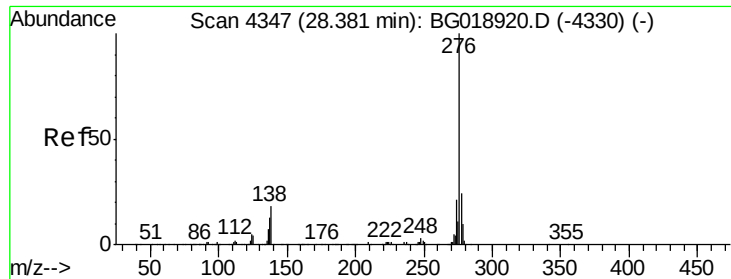
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9/28/2015 6:15:44 PM



#91
Benzo(a)pyrene
Concen: 13.24 ng/ul
RT: 24.64 min Scan# 3710
Delta R.T. 0.00 min
Lab File: BG018924.D
Acq: 26 Sep 2015 22:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	11.3	10.2	15.2





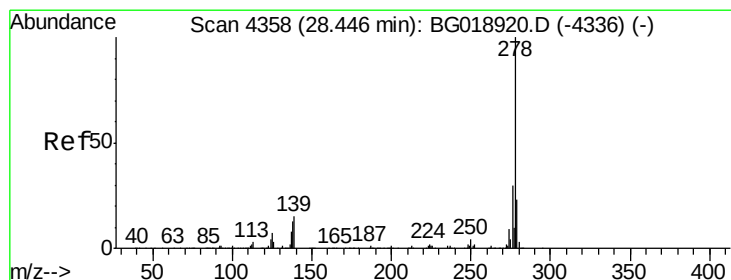
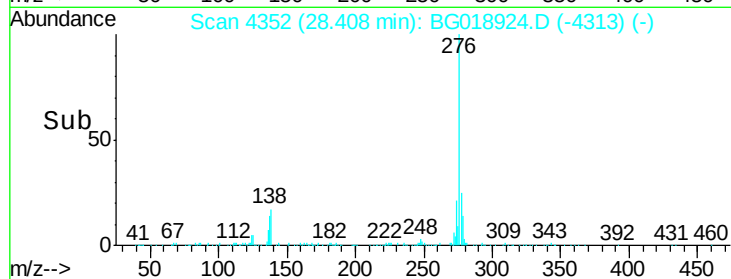
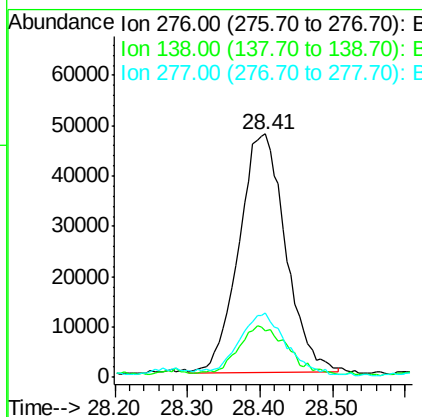
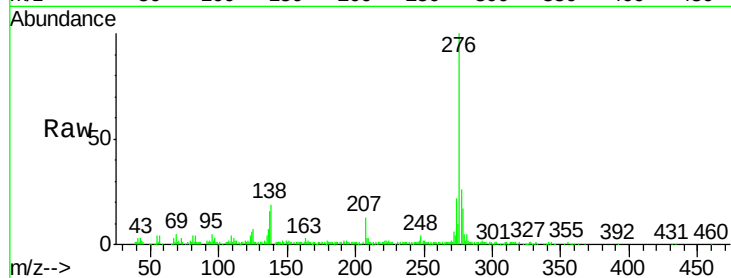
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 8.32 ng/ul
 RT: 28.41 min Scan# 4352
 Delta R.T. 0.03 min
 Lab File: BG018924.D
 Acq: 26 Sep 2015 22:14

Instrument :
 BNA_G
 ClientSampleId :
 D9G66

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	213376		
138	19.0	15.8	23.6	
277	26.2	18.9	28.3	

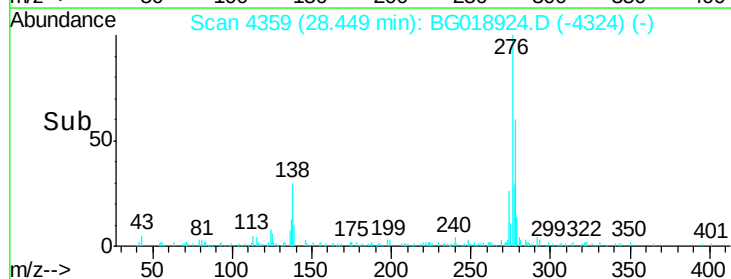
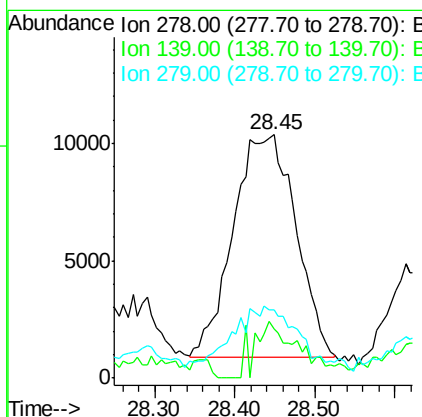
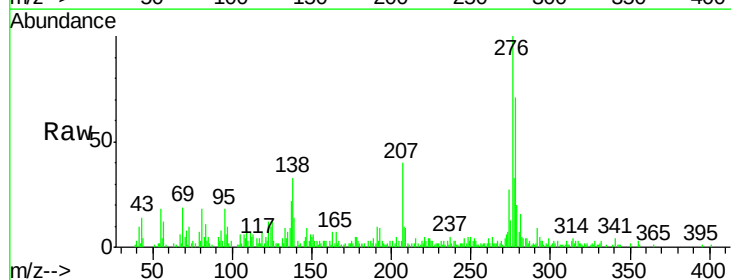
Manual Integrations
 APPROVED

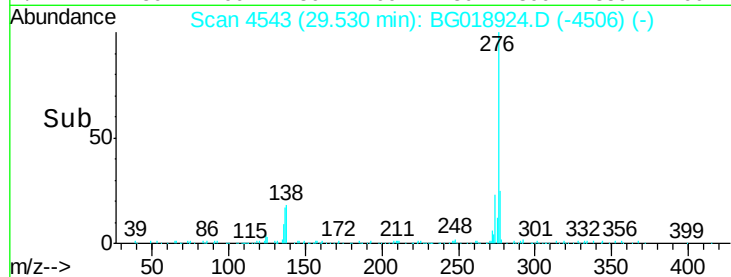
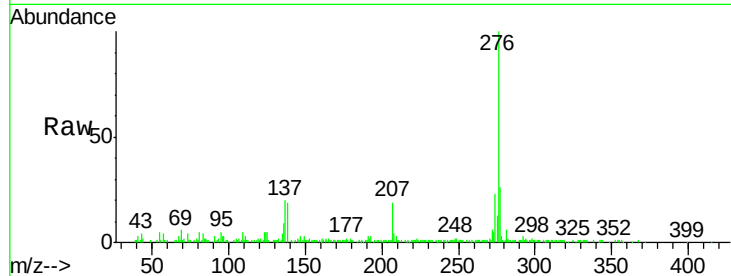
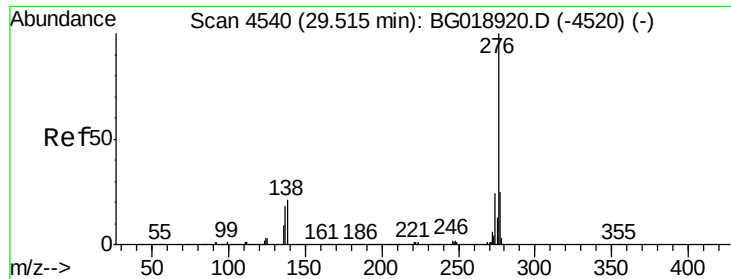
MMDadoda
 9/28/2015 6:15:44 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 2.51 ng/ul m
 RT: 28.45 min Scan# 4359
 Delta R.T. 0.00 min
 Lab File: BG018924.D
 Acq: 26 Sep 2015 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	51592		
139	20.1	13.8	20.6	
279	27.8	17.8	26.8#	





#94

Benzo(g,h,i)perylene

Concen: 9.21 ng/ul m

RT: 29.53 min Scan# 4543

Delta R.T. 0.01 min

Lab File: BG018924.D

Acq: 26 Sep 2015 22:14

Tgt Ion:	276	Resp:	197267
Ion Ratio	Lower	Upper	
276	100		
138	19.3	16.5	24.7
277	25.9	19.0	28.6

Instrument :

BNA_G

ClientSampleId :

D9G66

Manual Integrations
APPROVED

MMDadoda
9/28/2015 6:15:44 PM

