

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021889.D
 Acq On : 15 May 2016 12:14
 Operator : UM/SJ
 Sample : H3096-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF7

Quant Time: May 16 01:27:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	38713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	216873	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	137428	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	304273	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	309657	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	304264	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	2761	3.44	ng/uL	0.00
5) Phenol-d5	7.32	99	57134	19.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	28681	20.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	59146	26.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	46120	19.11	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	32271	22.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	31587	35.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.81	165	90	0.04	ng/ul	0.21
29) 4-Chloroaniline-d4	11.37	131	333	0.12	ng/ul	0.26
44) Dimethylphthalate-d6	14.18	166	237090	24.56	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	305752	22.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	4898	2.96	ng/ul	0.01
58) Fluorene-d10	15.78	176	210073	20.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	21349	25.33	ng/ul	0.00
71) Anthracene-d10	17.63	188	306452	20.69	ng/ul	0.00
77) Pyrene-d10	19.91	212	349949	24.14	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	318173	22.01	ng/ul	0.00

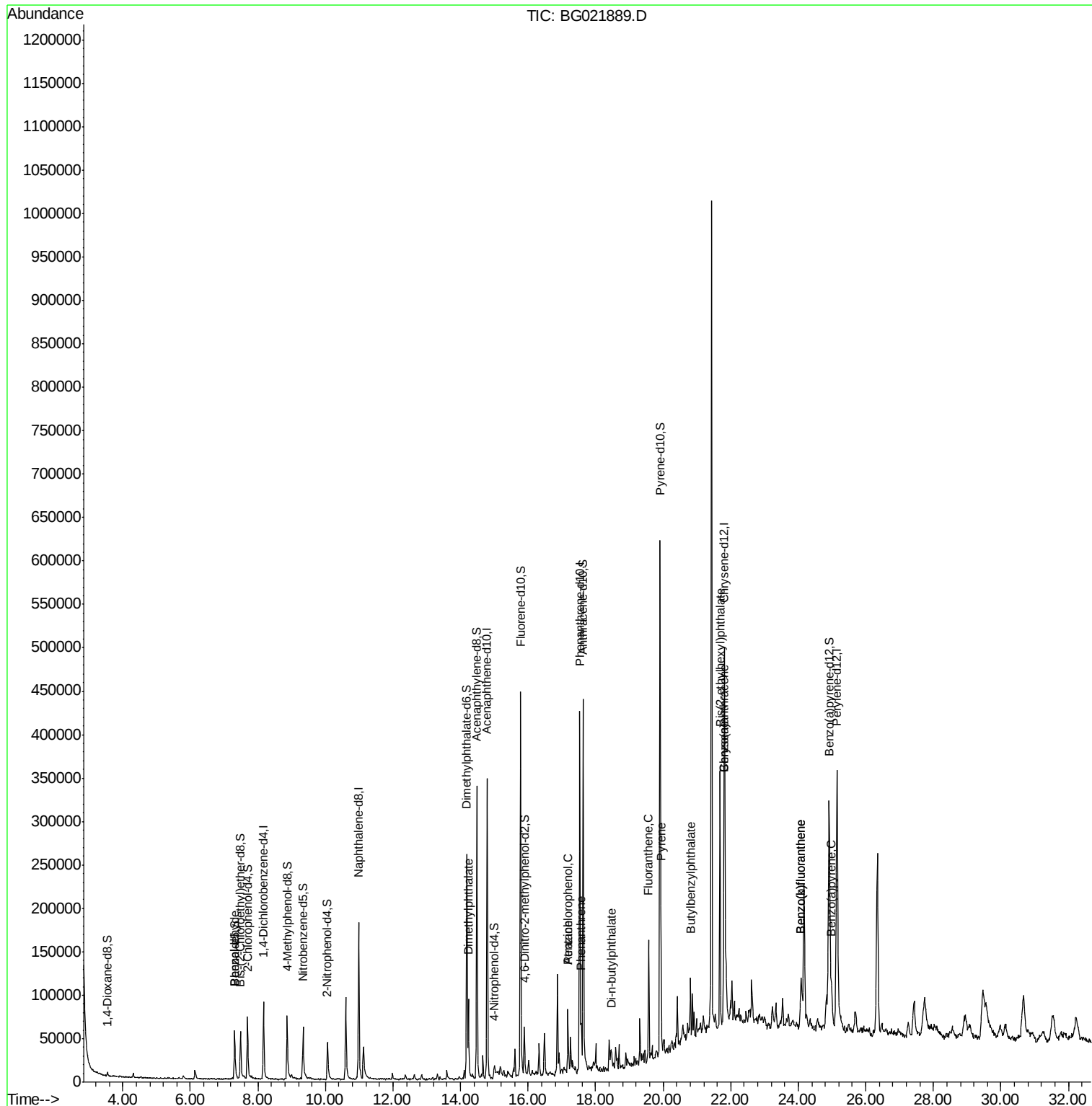
Target Compounds

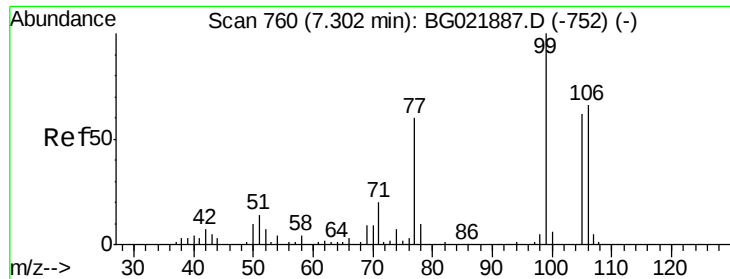
						Ovalue
4) Benzaldehyde	7.31	77	1286	4.12	ng/ul#	16
45) Dimethylphthalate	14.23	163	75507	7.68	ng/ul	98
68) Atrazine	17.17	200	2976	1.17	ng/ul#	35
69) Pentachlorophenol	17.18	266	19669	14.02	ng/ul	93
70) Phenanthrene	17.57	178	41851	2.52	ng/ul	98
74) Di-n-butylphthalate	18.48	149	13541	1.02	ng/ul#	94
75) Fluoranthene	19.57	202	95265	5.04	ng/ul	97
78) Pyrene	19.94	202	83688	4.67	ng/ul	98
79) Butylbenzylphthalate	20.81	149	28011	7.07	ng/ul#	71
81) Benzo(a)anthracene	21.79	228	50154	2.91	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.68	149	173646	26.86	ng/ul	97
83) Chrysene	21.79	228	49682	2.91	ng/ul	97
86) Benzo(b)fluoranthene	24.09	252	80718	4.63	ng/ul#	94
87) Benzo(k)fluoranthene	24.09	252	80718	4.33	ng/ul#	93
89) Benzo(a)pyrene	24.98	252	50893	2.94	ng/ul#	97

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

```
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Data File : BG021889.D  
Acq On    : 15 May 2016 12:14  
Operator  : UM/SJ  
Sample    : H3096-01  
Misc      :  
ALS Vial  : 4 Sample Multiplier: 1
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Quant Time: May 16 01:27:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 4.12 ng/ul

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

Instrument :

BNA_G

ClientSampleId :

D9XF7

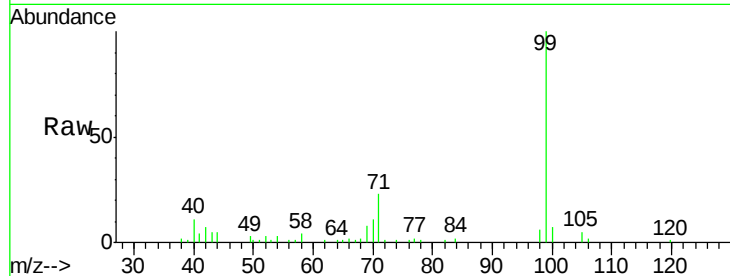
Tot Ion: 77 Resp: 1286

Ion Ratio Lower Upper

77 100

105 226.6 68.5 102.7#

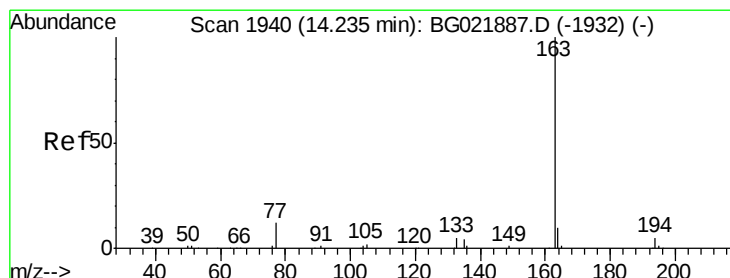
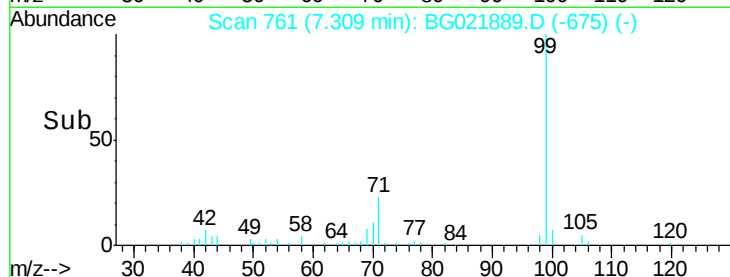
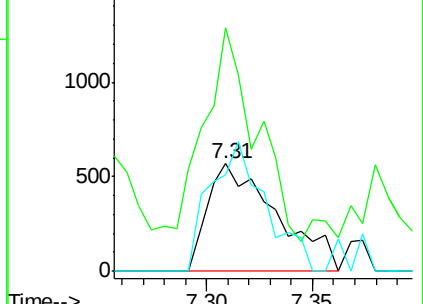
106 89.6 65.0 97.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#45

Dimethylphthalate

Concen: 7.68 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

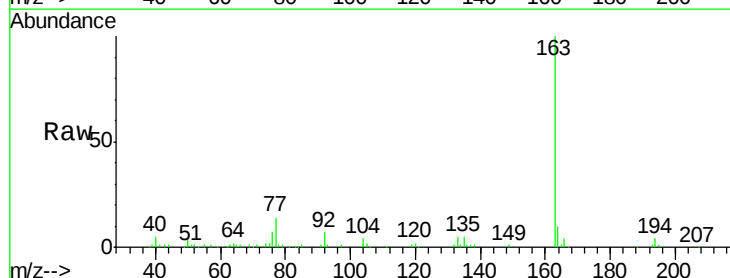
Tgt Ion:163 Resp: 75507

Ion Ratio Lower Upper

163 100

194 4.3 3.9 5.9

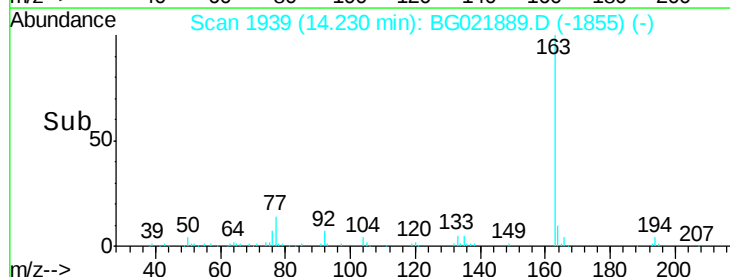
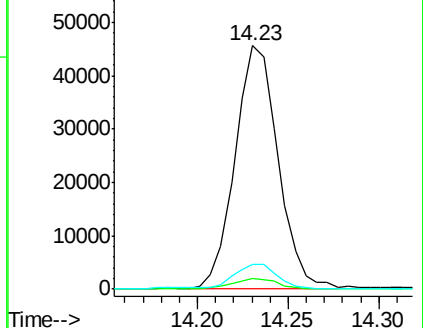
164 10.2 8.7 13.1

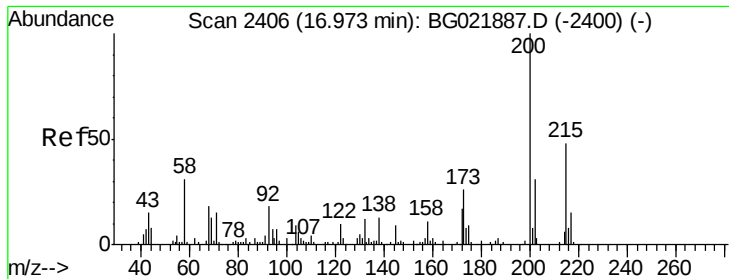


Abundance Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC





#68

Atrazine

Concen: 1.17 ng/ul

RT: 17.17 min Scan# 2440

Delta R.T. 0.20 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

Instrument :

BNA_G

ClientSampleId :

D9XF7

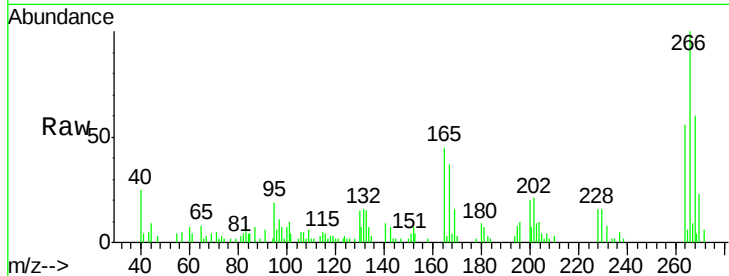
Tot Ion:200 Resp: 2976

Ion Ratio Lower Upper

200 100

173 0.0 19.2 28.8#

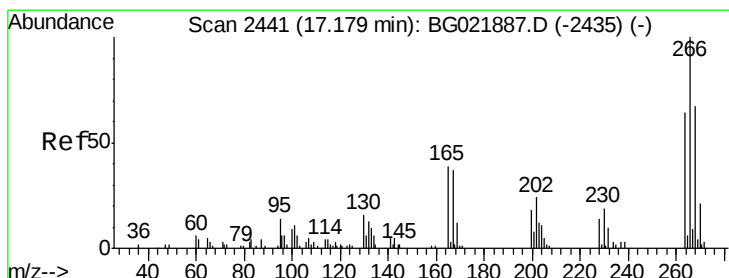
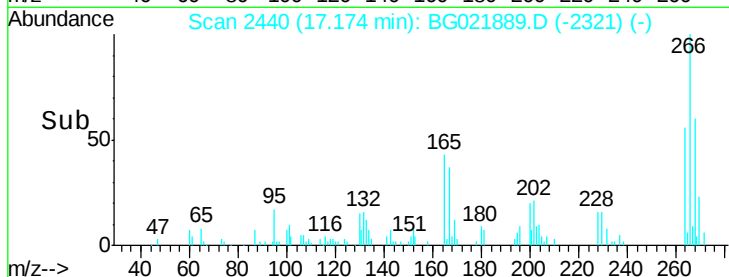
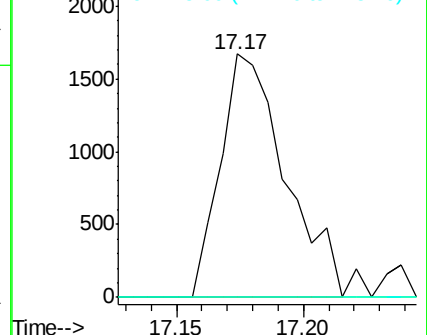
215 0.0 40.2 60.2#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 14.02 ng/ul

RT: 17.18 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

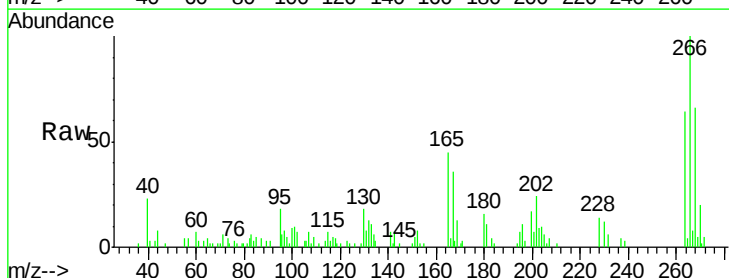
Tgt Ion:266 Resp: 19669

Ion Ratio Lower Upper

266 100

264 68.2 56.7 85.1

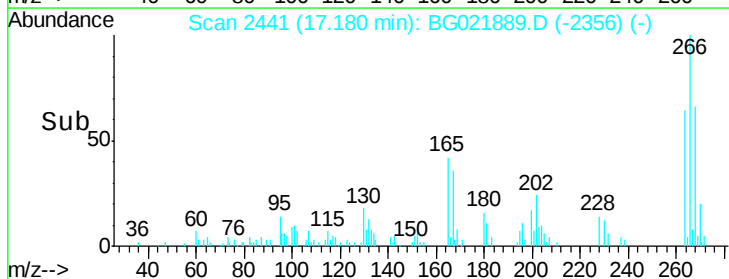
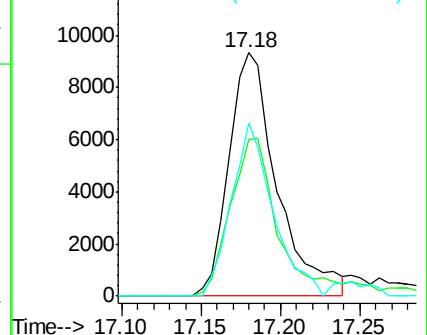
268 71.2 50.6 76.0

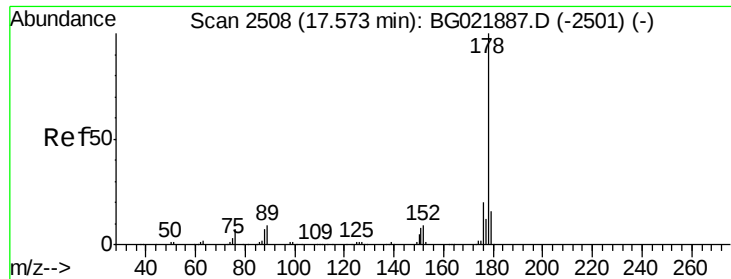


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 2.52 ng/ul

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

Instrument :

BNA_G

ClientSampleId :

D9XF7

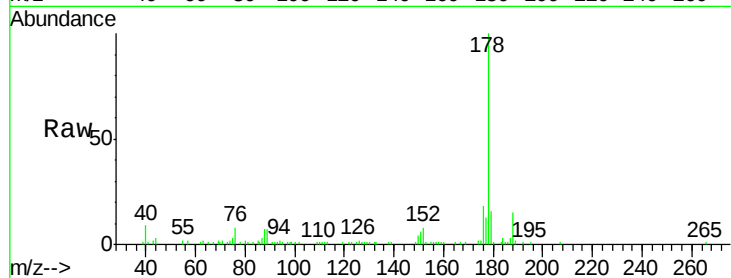
Tot Ion:178 Resp: 41851

Ion Ratio Lower Upper

178 100

179 15.9 11.8 17.8

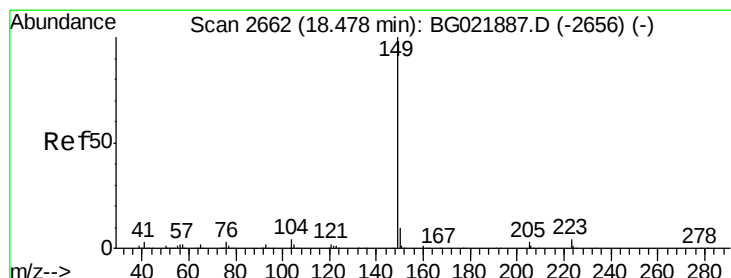
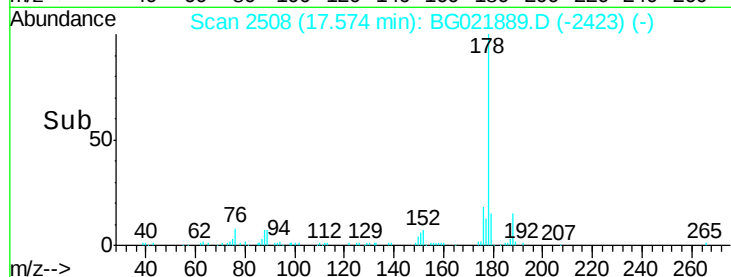
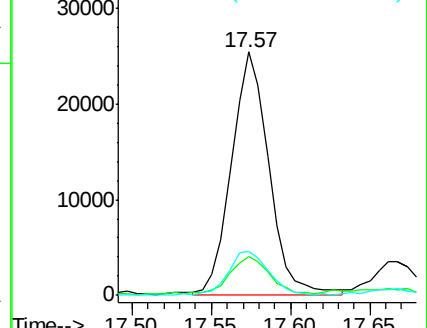
176 17.9 14.8 22.2



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

Di-n-butylphthalate

Concen: 1.02 ng/ul

RT: 18.48 min Scan# 2662

Delta R.T. 0.00 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

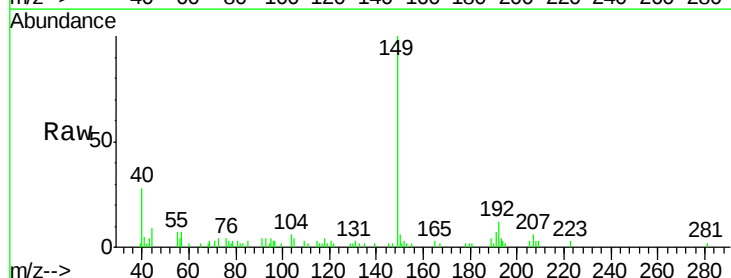
Tgt Ion:149 Resp: 13541

Ion Ratio Lower Upper

149 100

150 6.0 7.5 11.3#

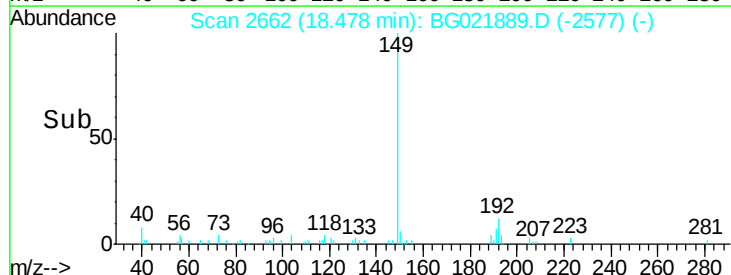
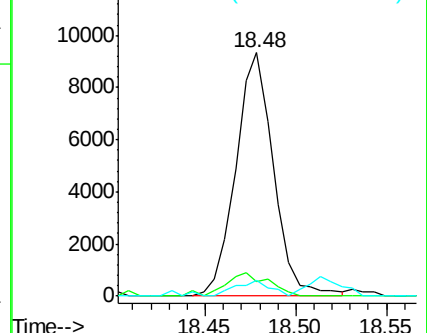
104 6.2 5.4 8.2

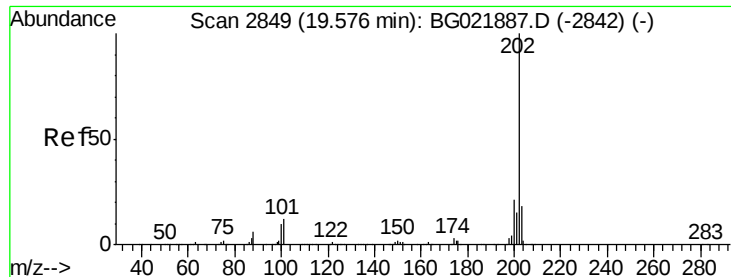


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 5.04 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

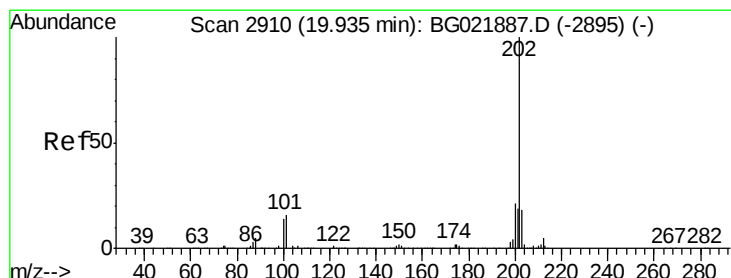
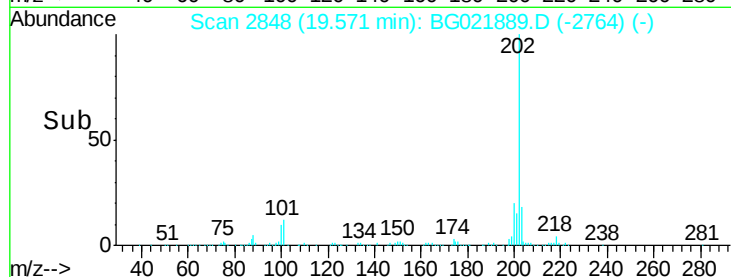
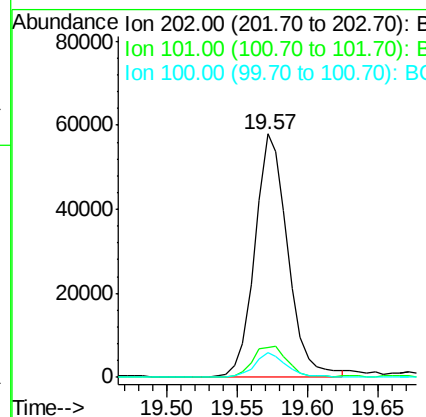
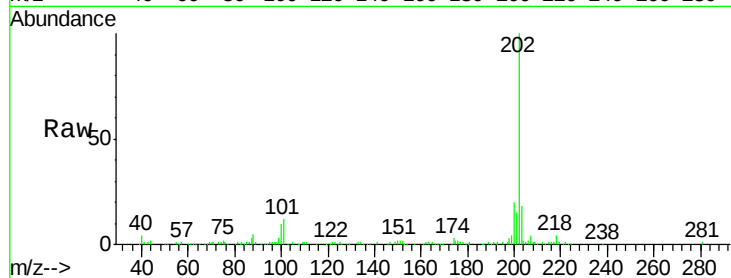
Instrument :

BNA_G

ClientSampleId :

D9XF7

Tot Ion:	202	Resp:	95265
Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.9	13.3
100	10.4	7.0	10.4



#78

Pyrene

Concen: 4.67 ng/ul

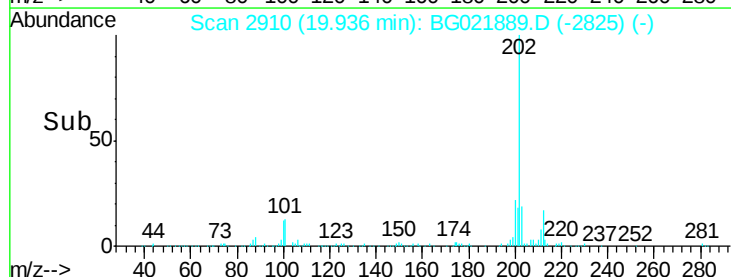
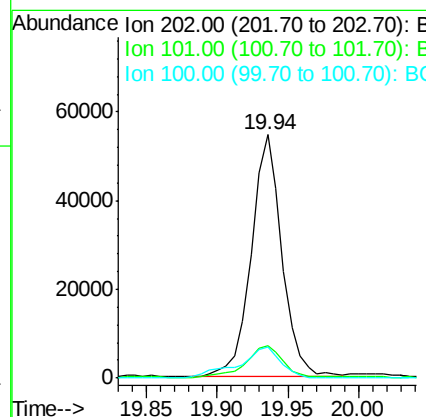
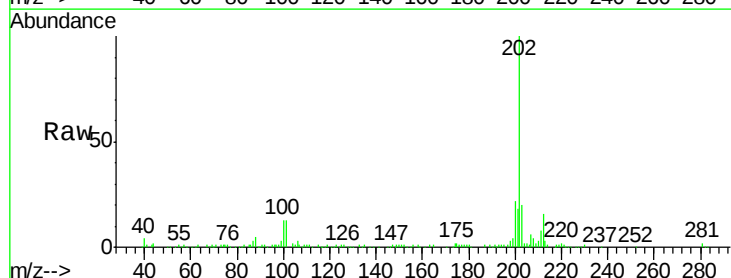
RT: 19.94 min Scan# 2910

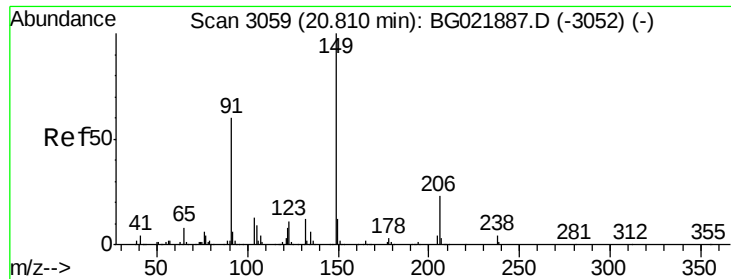
Delta R.T. 0.00 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

Tgt Ion:	202	Resp:	83688
Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.8
100	12.6	9.3	13.9

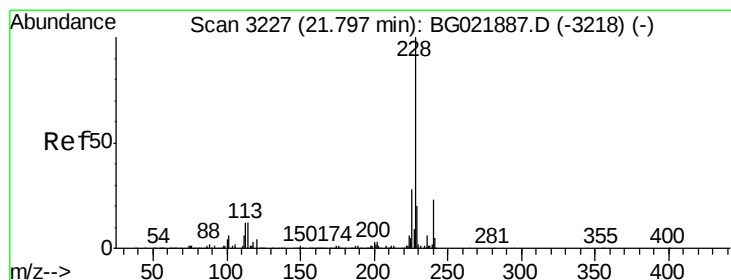
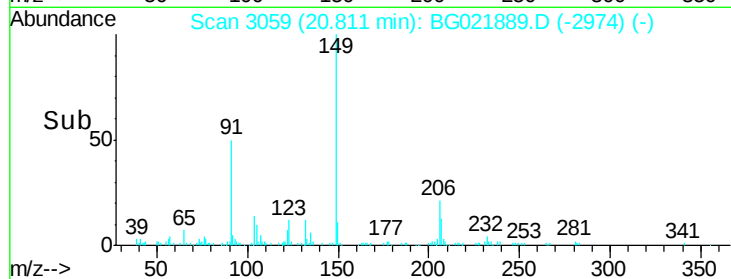
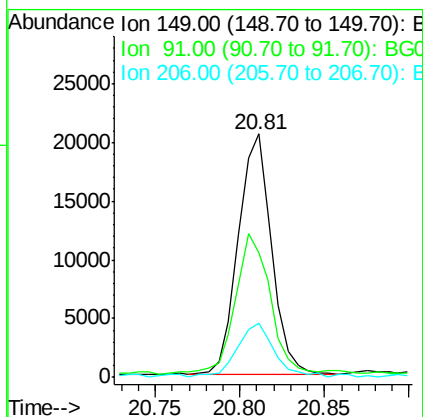
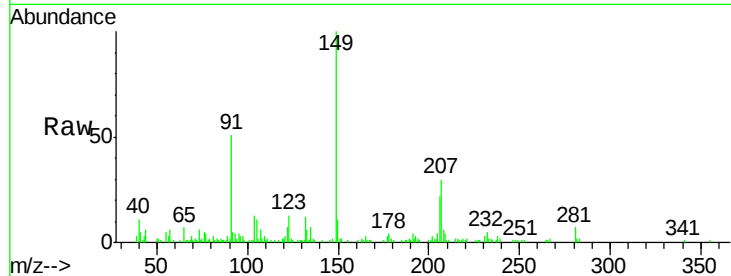




#79
Butylbenzylphthalate
Concen: 7.07 ng/ul
RT: 20.81 min Scan# 3059
Delta R.T. 0.00 min
Lab File: BG021889.D
Acq: 15 May 2016 12:14

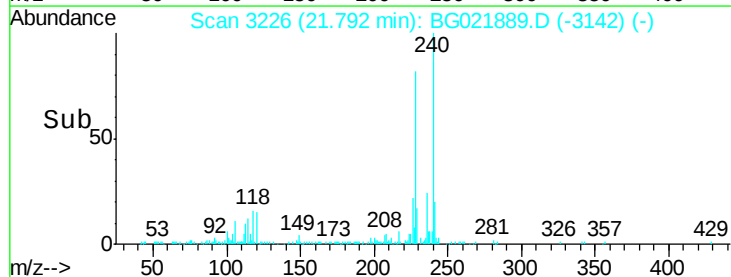
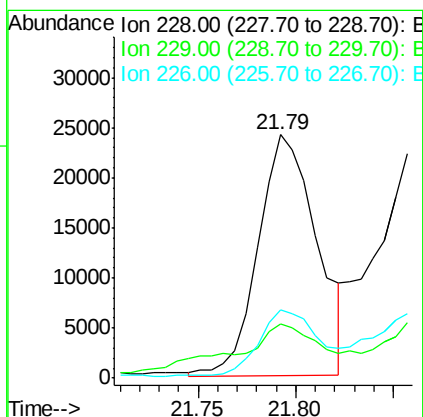
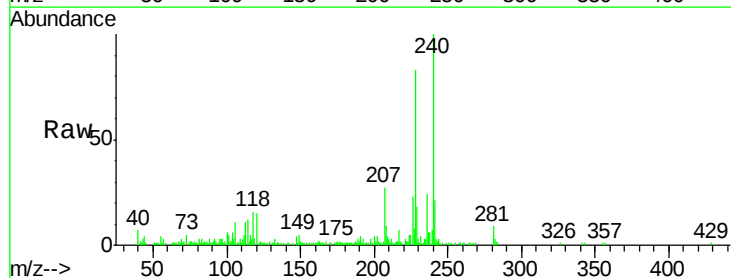
Instrument :
BNA_G
ClientSampleId :
D9XF7

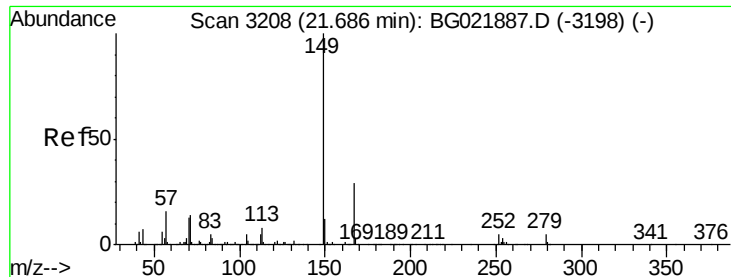
Tot Ion	Ratio	Lower	Upper
149	100		
91	51.4	65.8	98.8#
206	22.4	15.5	23.3



#81
Benzo(a)anthracene
Concen: 2.91 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG021889.D
Acq: 15 May 2016 12:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.6	25.0
226	28.0	21.0	31.4





#82

Bis(2-ethylhexyl)phthalate

Concen: 26.86 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

Instrument :

BNA_G

ClientSampleId :

D9XF7

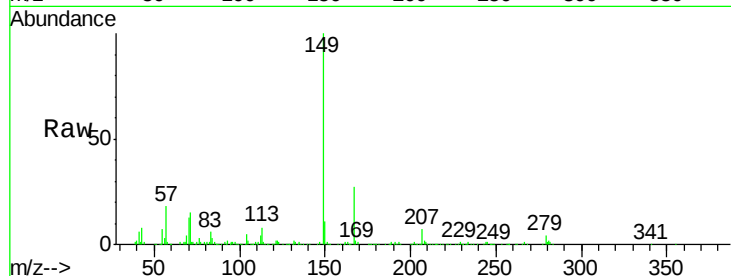
Tot Ion:149 Resp: 173646

Ion Ratio Lower Upper

149 100

167 27.1 20.5 30.7

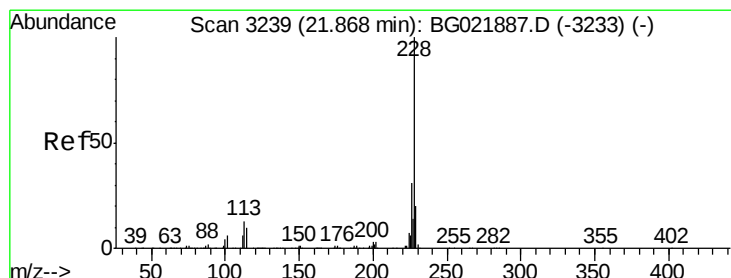
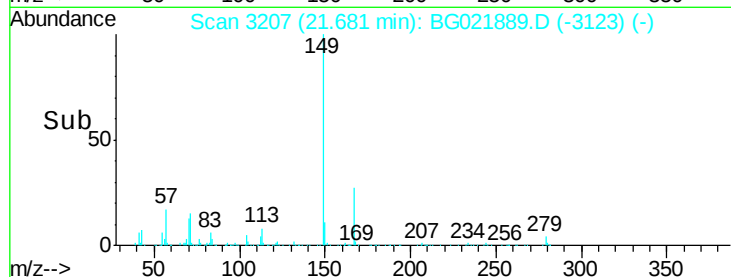
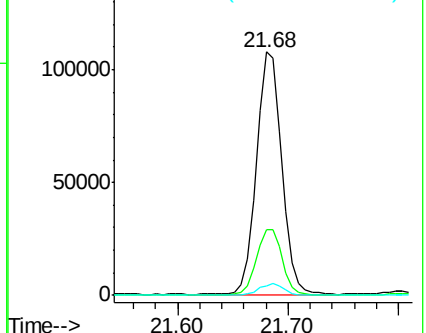
279 3.9 3.7 5.5



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: 2.91 ng/ul

RT: 21.79 min Scan# 3226

Delta R.T. -0.08 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

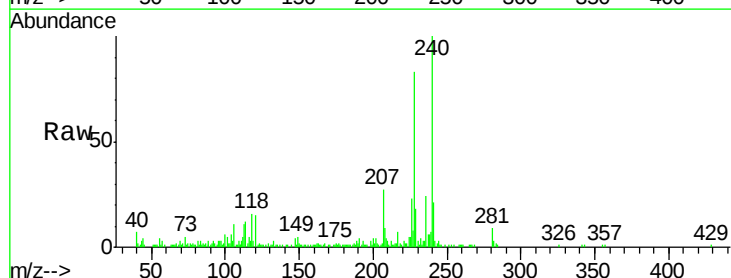
Tgt Ion:228 Resp: 49682

Ion Ratio Lower Upper

228 100

226 28.0 23.4 35.2

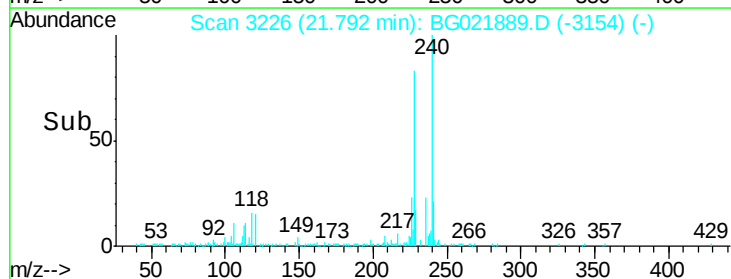
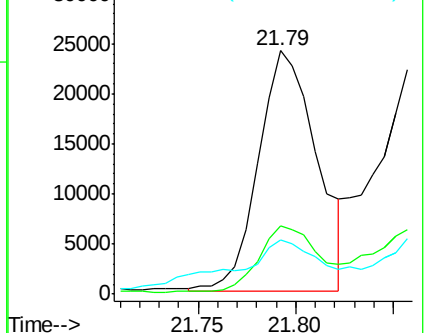
229 22.2 16.2 24.2

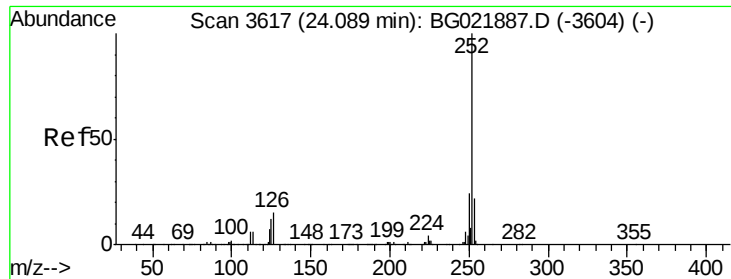


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

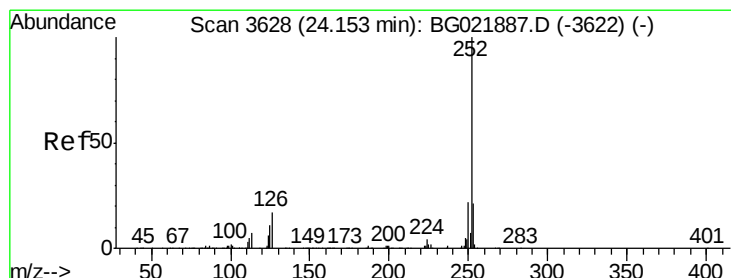
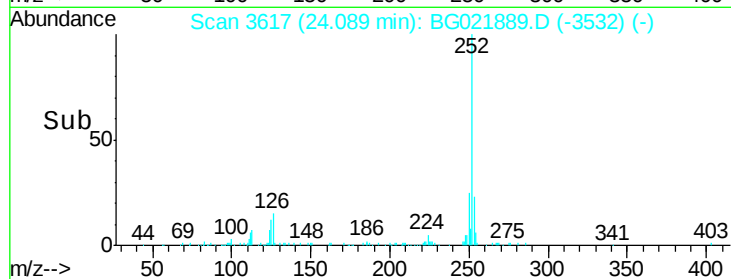
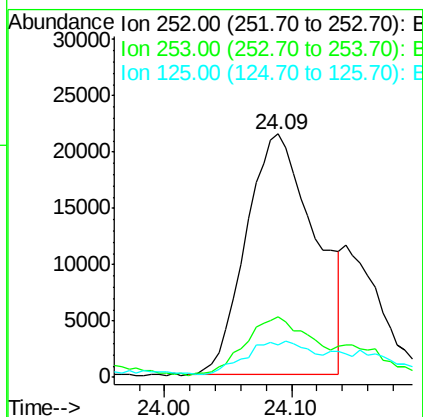
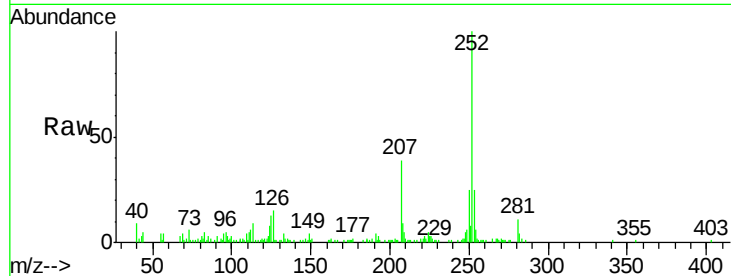




#86
Benzo(b)fluoranthene
Concen: 4.63 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. 0.00 min
Lab File: BG021889.D
Acq: 15 May 2016 12:14

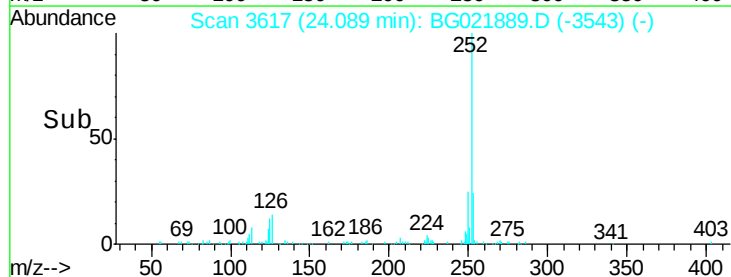
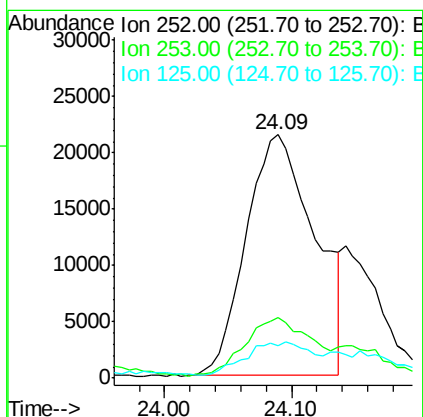
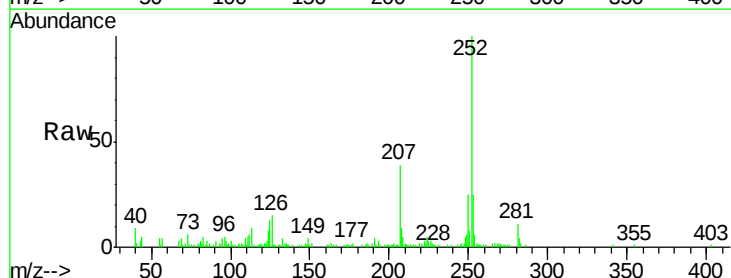
Instrument :
BNA_G
ClientSampleId :
D9XF7

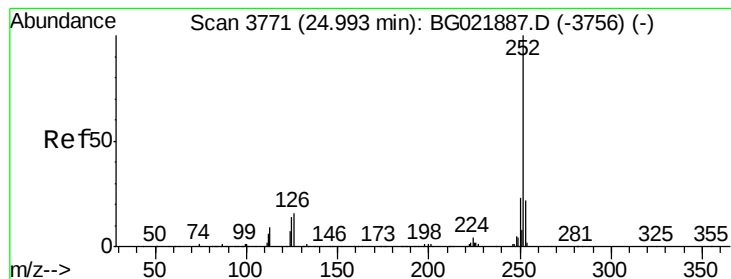
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	13.5	7.6	11.4



#87
Benzo(k)fluoranthene
Concen: 4.33 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. -0.06 min
Lab File: BG021889.D
Acq: 15 May 2016 12:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	13.5	7.7	11.5





#89

Benzo(a)pyrene

Concen: 2.94 ng/ul

RT: 24.98 min Scan# 3769

Delta R.T. -0.01 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

Instrument :

BNA_G

ClientSampleId :

D9XF7

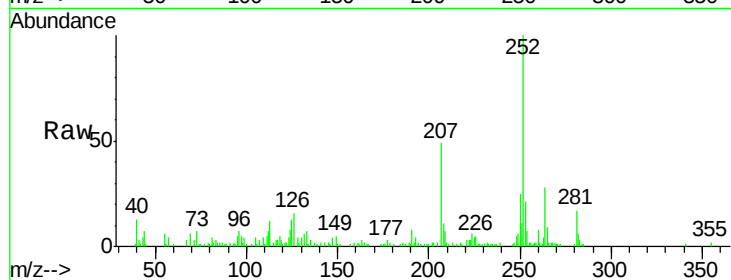
Tot Ion: 252 Resp: 50893

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 13.0 8.2 12.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

