

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021924.D
 Acq On : 17 May 2016 2:45
 Operator : UM/SJ
 Sample : H3095-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF3

Quant Time: May 17 04:19:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 01:35:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	65396	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	298547	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.79	164	166696	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	337940	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	320101	20.00	ng/ul	0.01
84) Perylene-d12	25.18	264	292517	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	4774	3.52	ng/uL	0.01
5) Phenol-d5	7.33	99	126048	25.98	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	52624	21.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	111085	29.49	ng/ul	0.01
13) 4-Methylphenol-d8	8.88	113	110459	27.10	ng/ul	0.01
19) Nitrobenzene-d5	9.34	128	53113	27.06	ng/ul	0.01
22) 2-Nitrophenol-d4	10.06	143	58220	46.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	113530	32.39	ng/ul	0.01
29) 4-Chloroaniline-d4	11.29	131	165	0.04	ng/ul	0.17
44) Dimethylphthalate-d6	14.20	166	341120	29.13	ng/ul	0.01
47) Acenaphthylene-d8	14.49	160	454708	27.35	ng/ul	0.01
52) 4-Nitrophenol-d4	15.00	143	47580	23.71	ng/ul	0.02
58) Fluorene-d10	15.79	176	313797	25.45	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.91	200	27548	29.43	ng/ul	0.01
71) Anthracene-d10	17.64	188	436749	26.55	ng/ul	0.00
77) Pyrene-d10	19.92	212	451689	30.15	ng/ul	0.01
88) Benzo(a)pyrene-d12	24.95	264	410367	29.53	ng/ul	0.03

Target Compounds

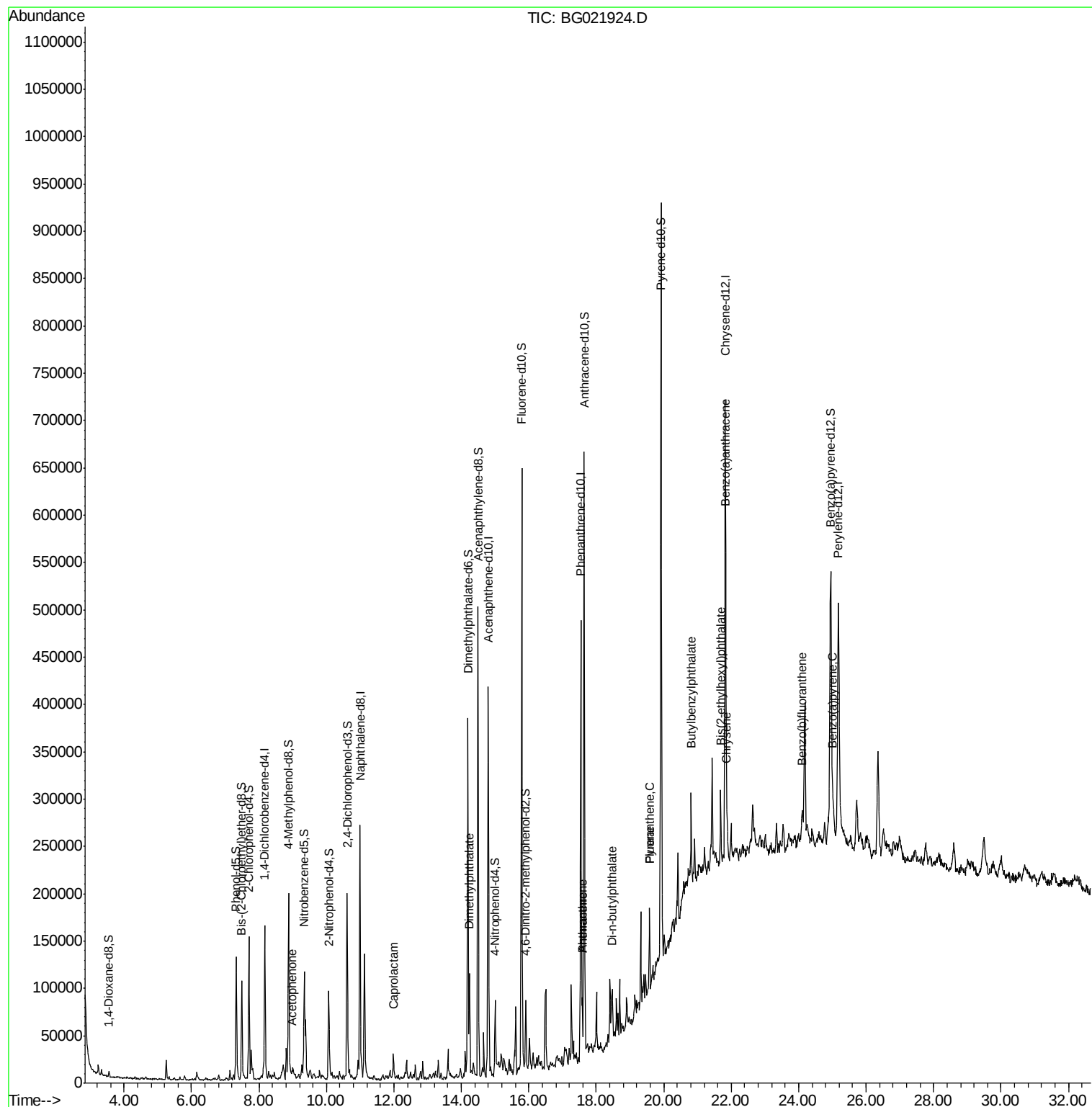
						Ovalue
14) Acetophenone	8.97	105	6732	1.00	ng/ul#	26
32) Caprolactam	11.98	113	2219	1.47	ng/ul#	38
45) Dimethylphthalate	14.24	163	79023	6.63	ng/ul	97
70) Phenanthrene	17.59	178	45143	2.44	ng/ul	99
72) Anthracene	17.59	178	45091	2.40	ng/ul	98
74) Di-n-butylphthalate	18.48	149	36687	2.48	ng/ul#	97
75) Fluoranthene	19.58	202	51758	2.47	ng/ul	96
78) Pyrene	19.58	202	51758	2.79	ng/ul	98
79) Butylbenzylphthalate	20.81	149	36185	8.84	ng/ul#	80
81) Benzo(a)anthracene	21.81	228	32425	1.82	ng/ul#	84
82) Bis(2-ethylhexyl)phthalate	21.69	149	38257	5.72	ng/ul#	93
83) Chrysene	21.87	228	46615	2.65	ng/ul#	93
86) Benzo(b)fluoranthene	24.10	252	50500	3.02	ng/ul#	77
89) Benzo(a)pyrene	25.02	252	34620	2.08	ng/ul#	82

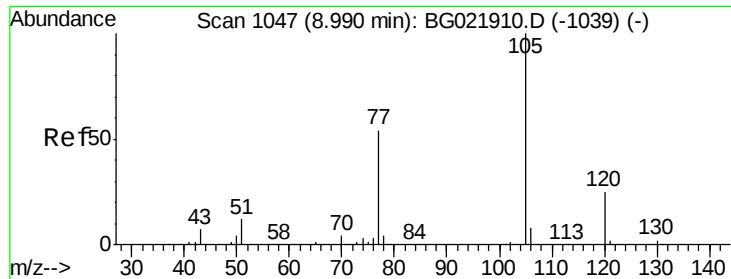
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.00 ng/ul

RT: 8.97 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG021924.D

Acq: 17 May 2016 2:45

Instrument :

BNA_G

ClientSampleId :

D9XF3

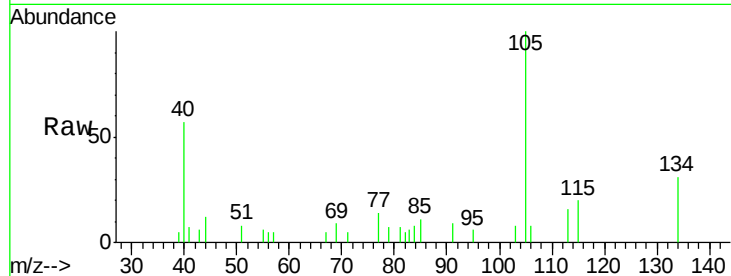
Tot Ion:105 Resp: 6732

Ion Ratio Lower Upper

105 100

77 13.8 76.3 114.5#

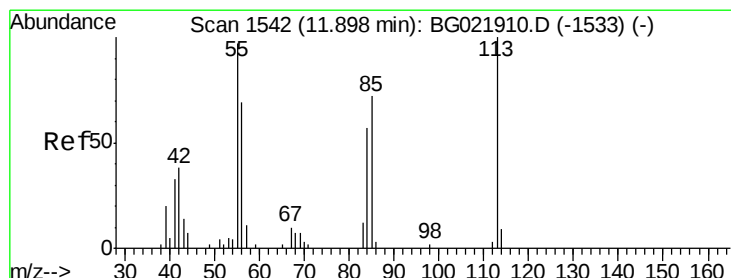
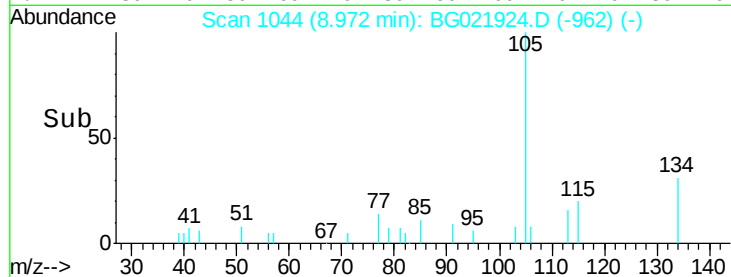
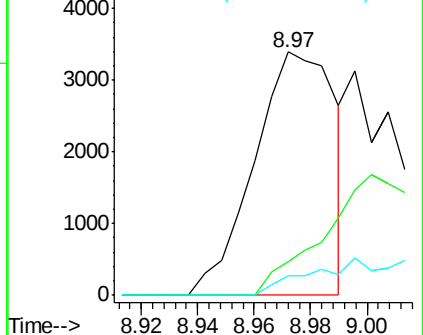
51 7.9 27.6 41.4#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG021910.D (-1039) (-)

Ion 51.00 (50.70 to 51.70): BG021910.D (-1039) (-)



#32

Caprolactam

Concen: 1.47 ng/ul

RT: 11.98 min Scan# 1556

Delta R.T. 0.08 min

Lab File: BG021924.D

Acq: 17 May 2016 2:45

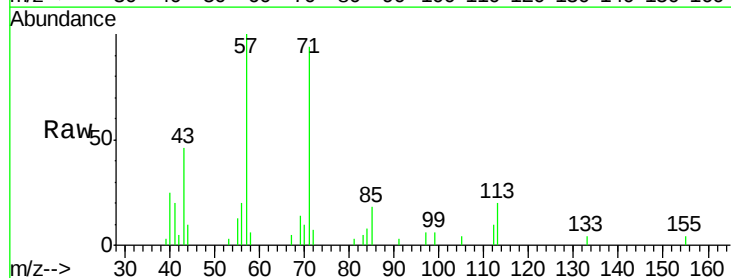
Tgt Ion:113 Resp: 2219

Ion Ratio Lower Upper

113 100

55 66.1 155.5 233.3#

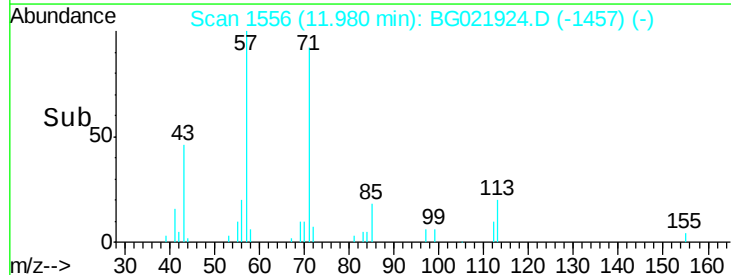
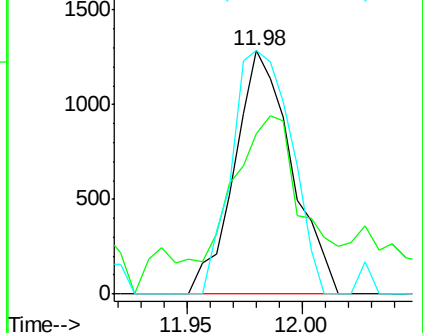
56 100.1 105.7 158.5#

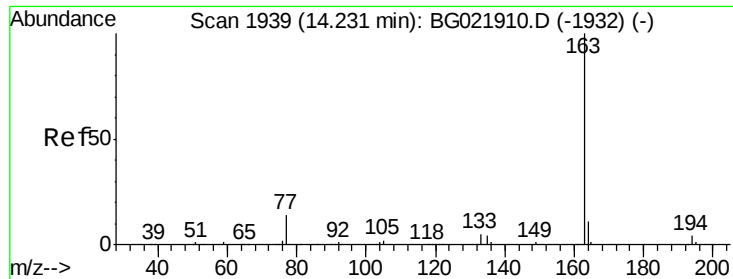


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG021910.D (-1533) (-)

Ion 56.00 (55.70 to 56.70): BG021910.D (-1533) (-)

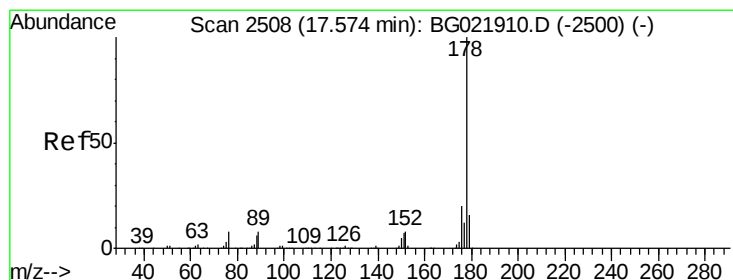
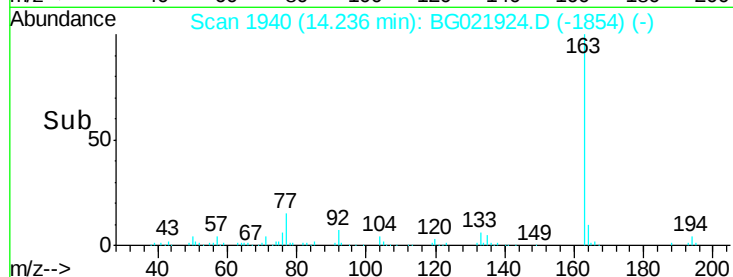
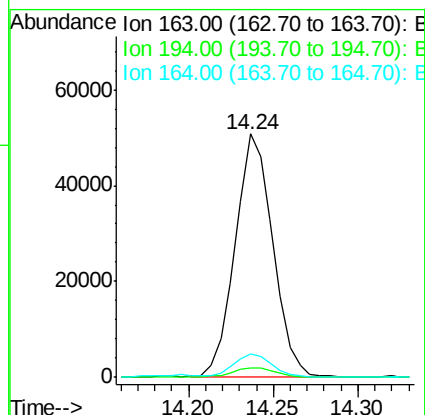
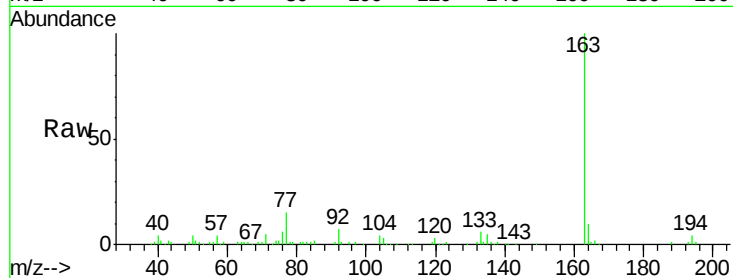




#45
Dimethylphthalate
Concen: 6.63 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

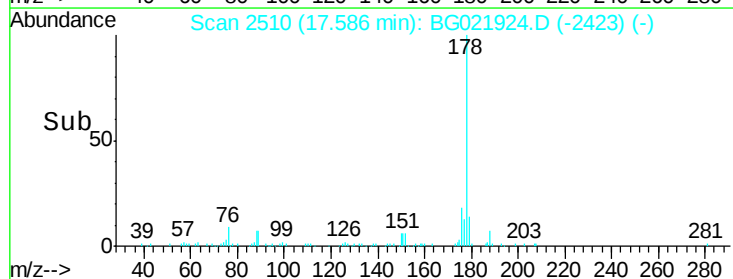
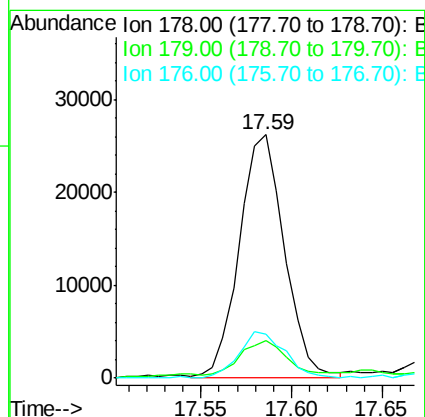
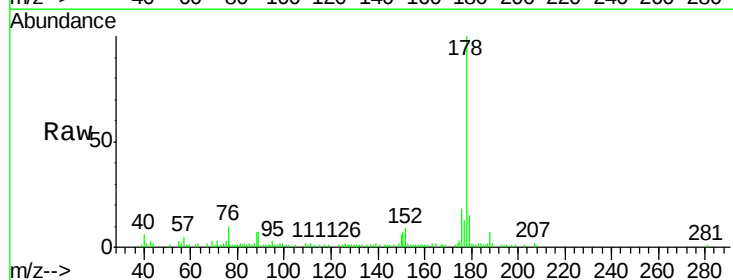
Instrument :
BNA_G
ClientSampleId :
D9XF3

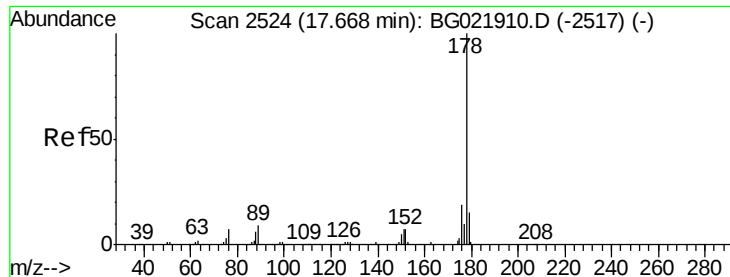
Tot Ion:163 Resp: 79023
Ion Ratio Lower Upper
163 100
194 4.0 3.9 5.9
164 9.8 8.7 13.1



#70
Phenanthrene
Concen: 2.44 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. 0.01 min
Lab File: BG021924.D
Acq: 17 May 2016 2:45

Tgt Ion:178 Resp: 45143
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.8
176 18.2 14.8 22.2





#72

Anthracene

Concen: 2.40 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. -0.08 min

Lab File: BG021924.D

Acq: 17 May 2016 2:45

Instrument :

BNA_G

ClientSampleId :

D9XF3

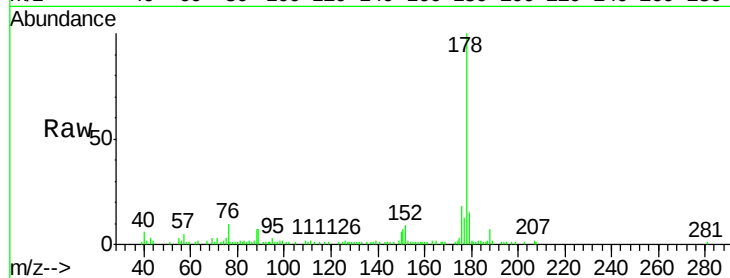
Tot Ion:178 Resp: 45091

Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

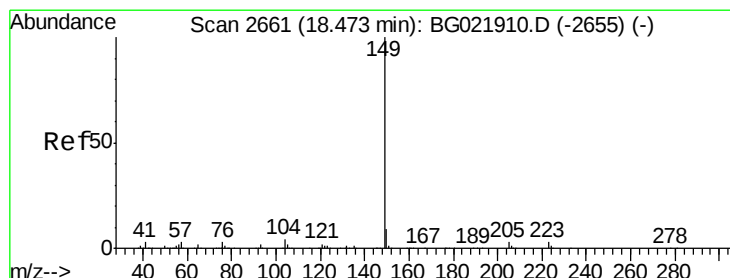
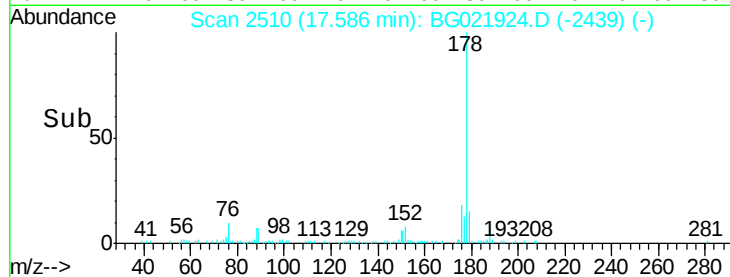
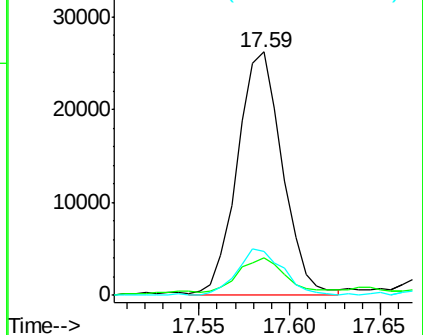
176 18.2 15.6 23.4



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: 2.48 ng/ul

RT: 18.48 min Scan# 2662

Delta R.T. 0.01 min

Lab File: BG021924.D

Acq: 17 May 2016 2:45

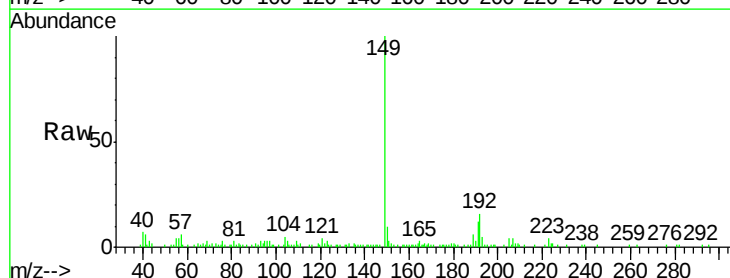
Tgt Ion:149 Resp: 36687

Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

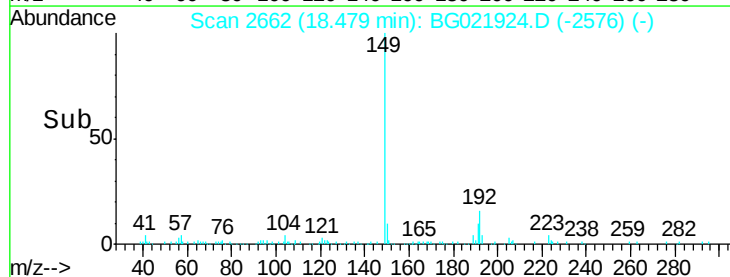
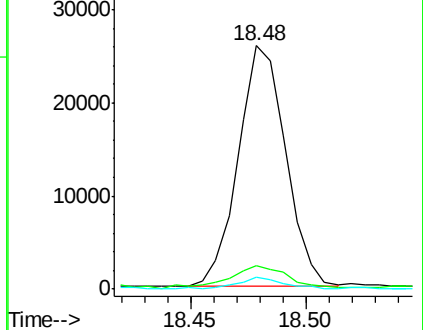
104 4.8 5.4 8.2#

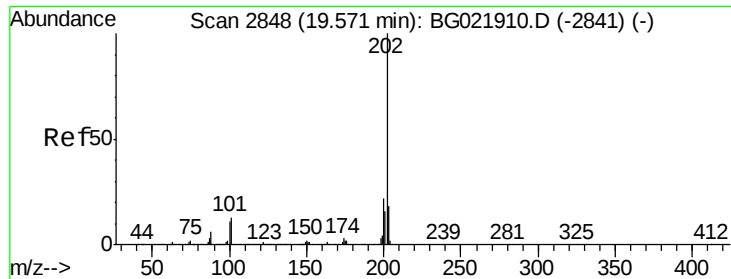


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 2.47 ng/ul

RT: 19.58 min Scan# 2850

Delta R.T. 0.01 min

Lab File: BG021924.D

Acq: 17 May 2016 2:45

Instrument :

BNA_G

ClientSampleId :

D9XF3

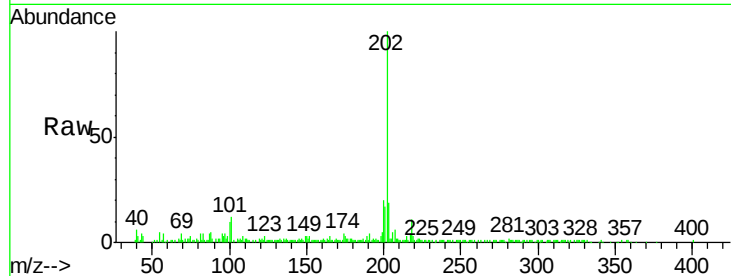
Tot Ion:202 Resp: 51758

Ion Ratio Lower Upper

202 100

101 12.4 8.9 13.3

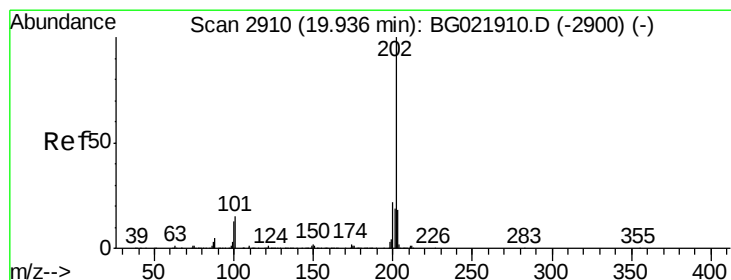
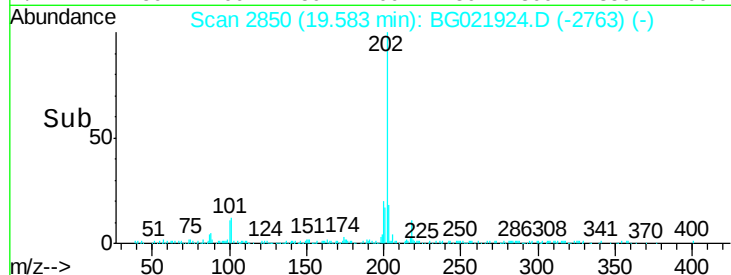
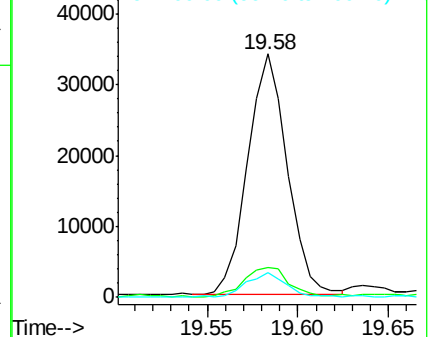
100 10.4 7.0 10.4



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



#78

Pyrene

Concen: 2.79 ng/ul

RT: 19.58 min Scan# 2850

Delta R.T. -0.35 min

Lab File: BG021924.D

Acq: 17 May 2016 2:45

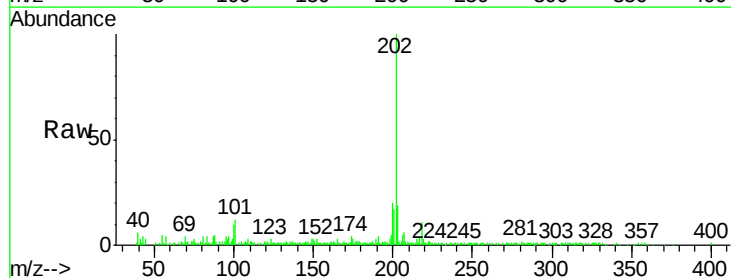
Tgt Ion:202 Resp: 51758

Ion Ratio Lower Upper

202 100

101 12.4 9.8 14.8

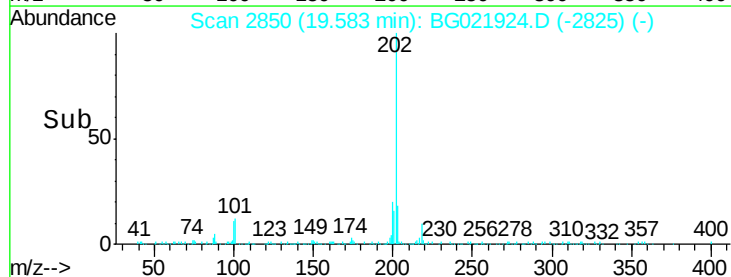
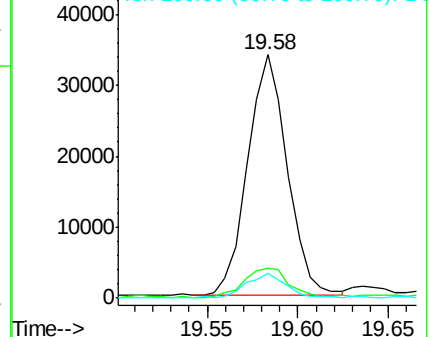
100 10.4 9.3 13.9

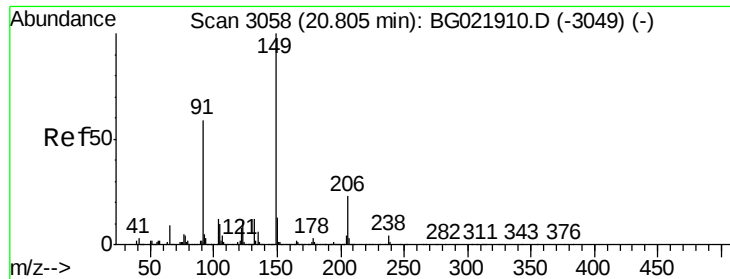


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Butylbenzylphthalate

Concen: 8.84 ng/ul

RT: 20.81 min Scan# 3059

Delta R.T. 0.01 min

Lab File: BG021924.D

Acq: 17 May 2016 2:45

Instrument :

BNA_G

ClientSampleId :

D9XF3

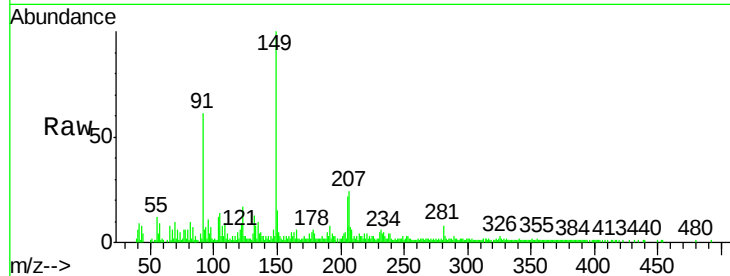
Tot Ion:149 Resp: 36185

Ion Ratio Lower Upper

149 100

91 61.3 65.8 98.8#

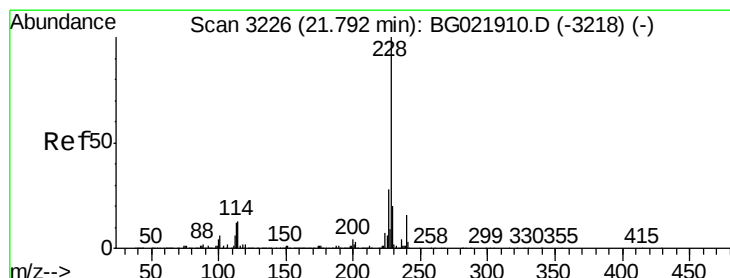
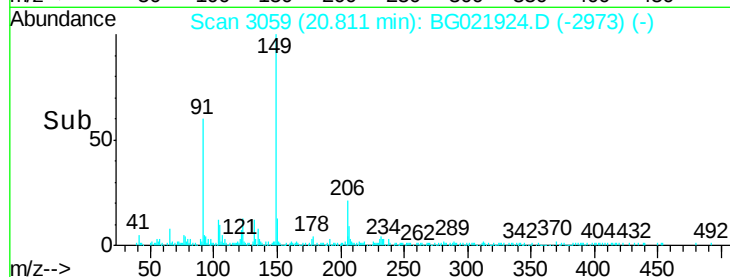
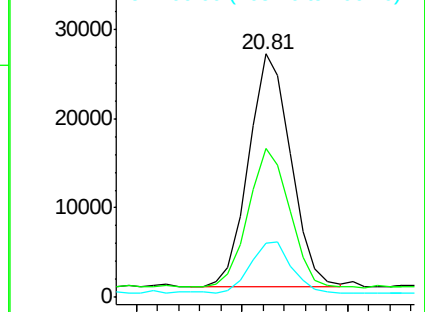
206 22.2 15.5 23.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 1.82 ng/ul

RT: 21.81 min Scan# 3229

Delta R.T. 0.02 min

Lab File: BG021924.D

Acq: 17 May 2016 2:45

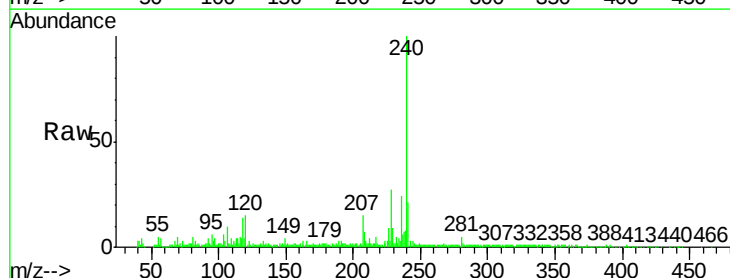
Tgt Ion:228 Resp: 32425

Ion Ratio Lower Upper

228 100

229 31.6 16.6 25.0#

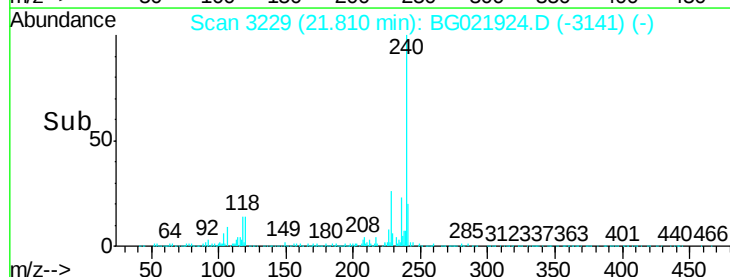
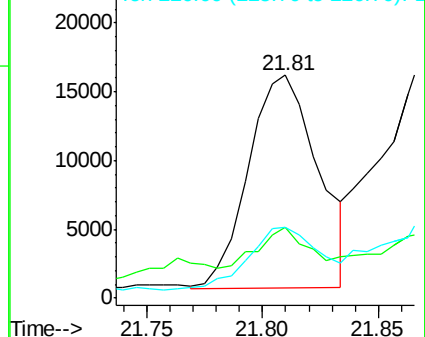
226 31.9 21.0 31.4#

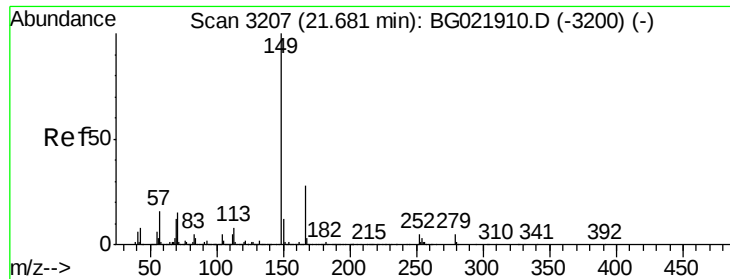


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

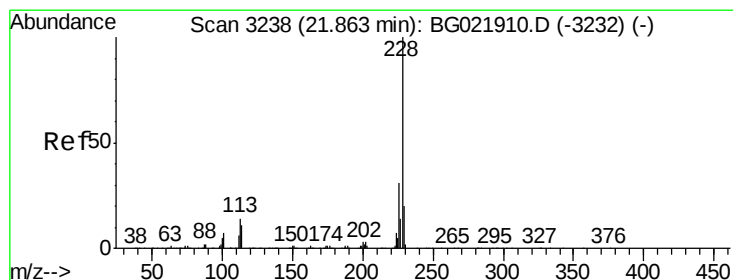
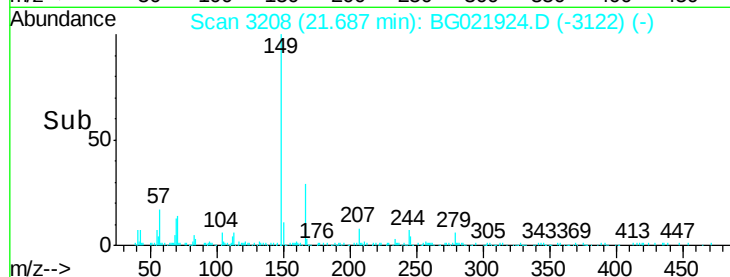
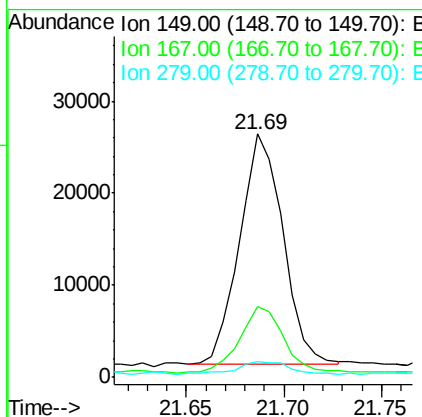
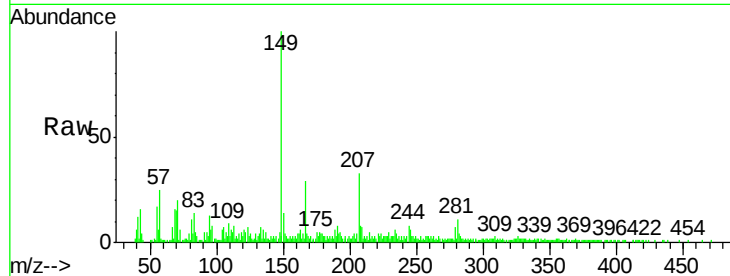




#82
 Bis(2-ethylhexyl)phthalate
 Concen: 5.72 ng/ul
 RT: 21.69 min Scan# 3208
 Delta R.T. 0.01 min
 Lab File: BG021924.D
 Acq: 17 May 2016 2:45

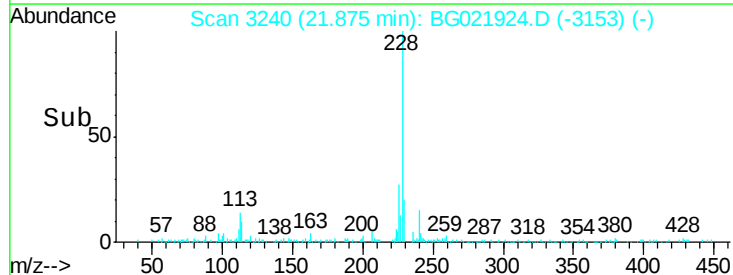
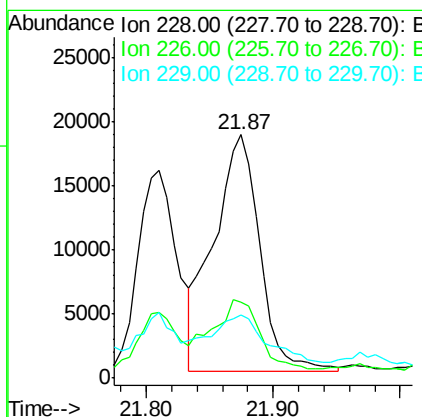
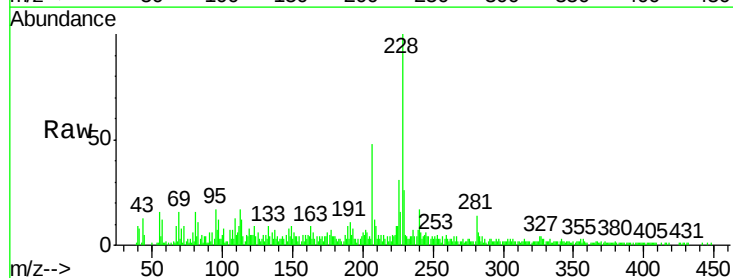
Instrument :
 BNA_G
 ClientSampleId :
 D9XF3

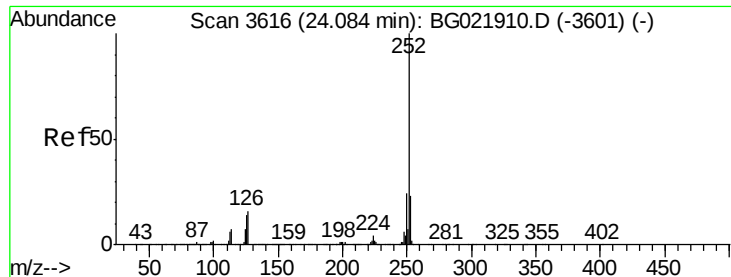
Tot Ion:149 Resp: 38257
 Ion Ratio Lower Upper
 149 100
 167 29.3 20.5 30.7
 279 6.7 3.7 5.5#



#83
 Chrysene
 Concen: 2.65 ng/ul
 RT: 21.87 min Scan# 3240
 Delta R.T. 0.01 min
 Lab File: BG021924.D
 Acq: 17 May 2016 2:45

Tgt Ion:228 Resp: 46615
 Ion Ratio Lower Upper
 228 100
 226 31.2 23.4 35.2
 229 25.9 16.2 24.2#





#86

Benzo(b)fluoranthene

Concen: 3.02 ng/ul

RT: 24.10 min Scan# 3619

Delta R.T. 0.02 min

Lab File: BG021924.D

Acq: 17 May 2016 2:45

Instrument :

BNA_G

ClientSampleId :

D9XF3

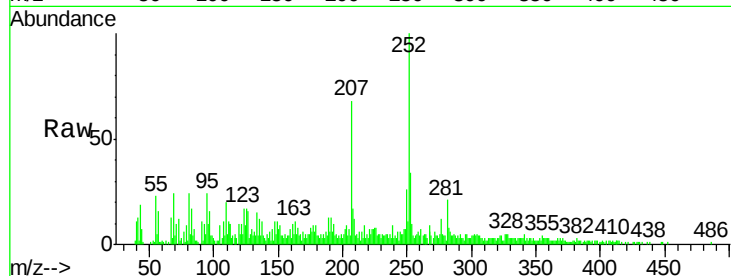
Tot Ion:252 Resp: 50500

Ion Ratio Lower Upper

252 100

253 33.7 18.1 27.1#

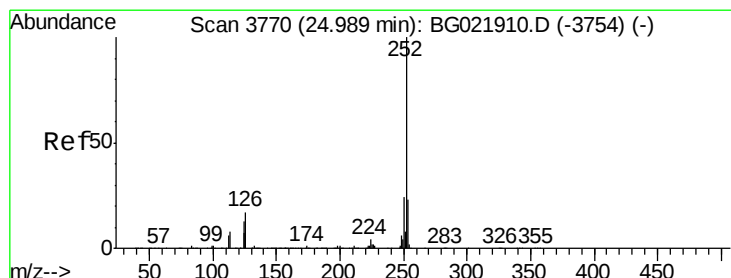
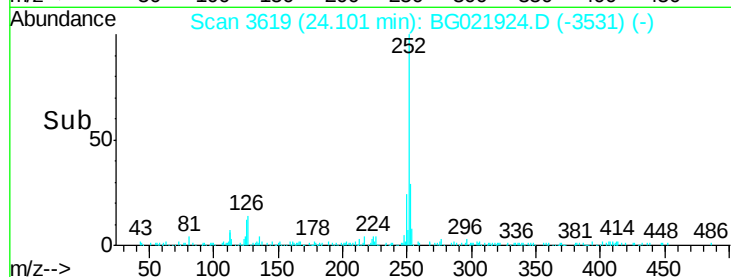
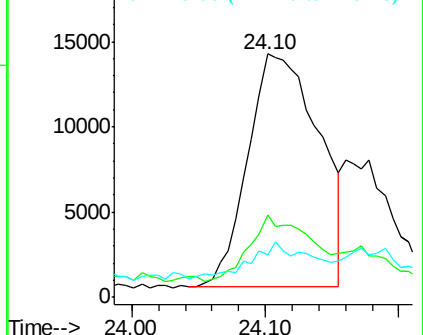
125 17.3 7.6 11.4#



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



#89

Benzo(a)pyrene

Concen: 2.08 ng/ul

RT: 25.02 min Scan# 3775

Delta R.T. 0.03 min

Lab File: BG021924.D

Acq: 17 May 2016 2:45

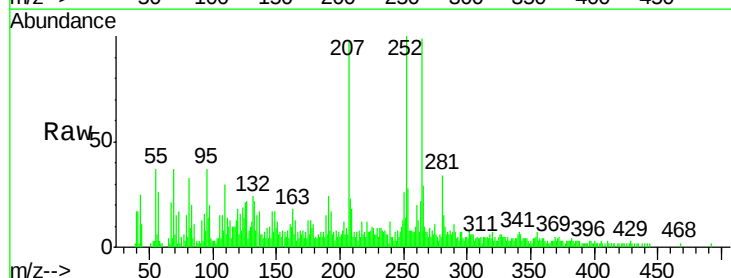
Tgt Ion:252 Resp: 34620

Ion Ratio Lower Upper

252 100

253 27.5 17.4 26.0#

125 21.0 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

