

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
 Data File : BG021384.D
 Acq On : 9 Mar 2016 2:25
 Operator : UM/SJ
 Sample : H1655-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-D280

Quant Time: Mar 09 03:18:01 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 09 02:03:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	11522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	54155	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	32810	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	72393	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	74822	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	70732	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1083	3.92	ng/uL	0.00
5) Phenol-d5	7.27	99	29057	24.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	19353	24.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	21016	24.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	22296	23.39	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	10493	24.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	11355	24.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	19865	24.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	24686	23.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	65983	24.32	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	87281	25.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	9977	18.68	ng/ul	0.00
58) Fluorene-d10	15.72	176	60972	25.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	8643	17.01	ng/ul	0.00
71) Anthracene-d10	17.57	188	89836	25.17	ng/ul	0.00
79) Pyrene-d10	19.84	212	92237	24.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	80278	21.33	ng/ul	0.00

Target Compounds

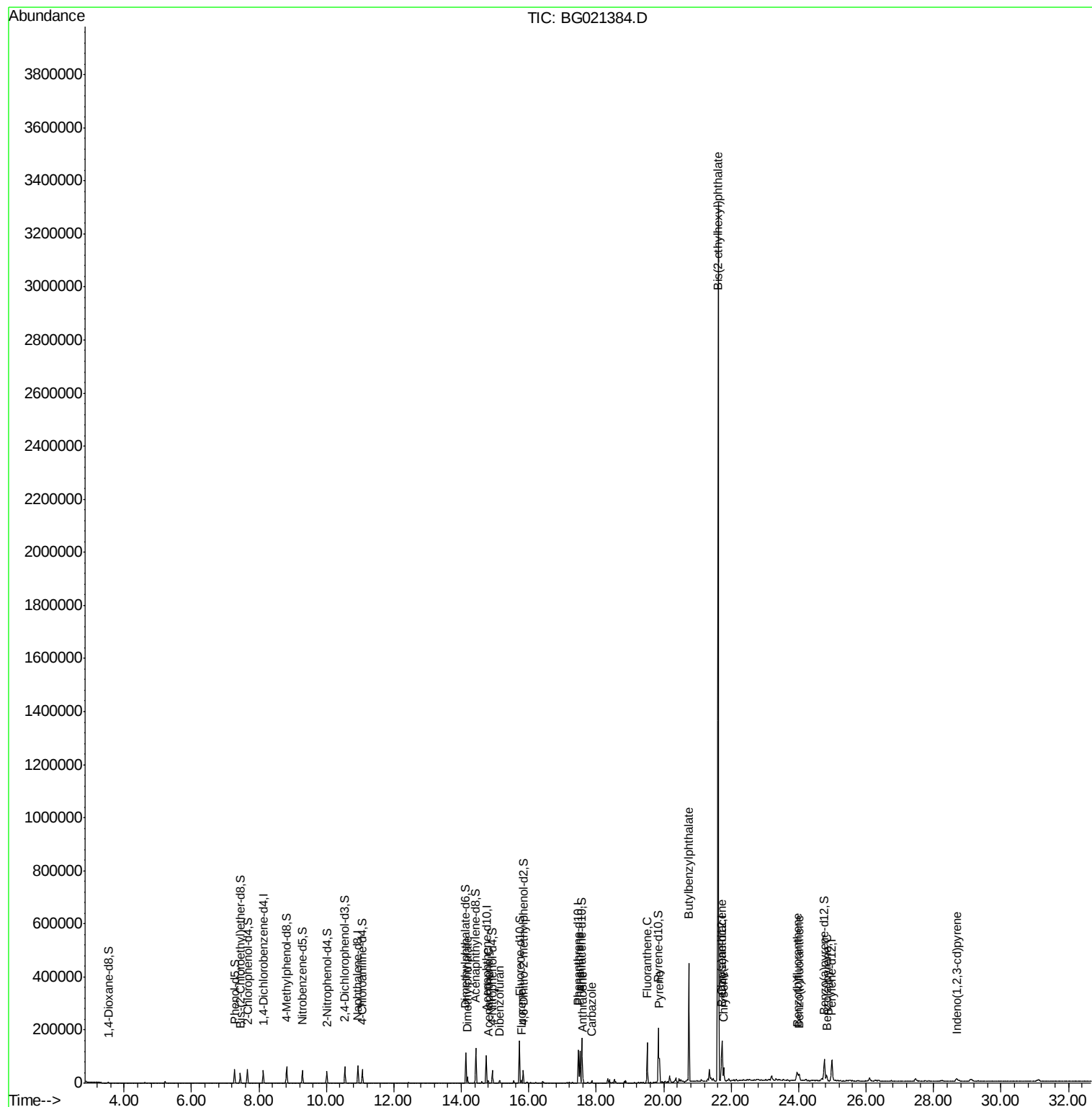
						Qvalue
45) Dimethylphthalate	14.18	163	13172	4.51	ng/ul#	96
50) Acenaphthene	14.80	153	4846	2.00	ng/ul	98
54) Dibenzofuran	15.13	168	4238	1.28	ng/ul	99
59) Fluorene	15.78	166	5628	1.95	ng/ul	86
70) Phenanthrene	17.52	178	68195	15.86	ng/ul	98
72) Anthracene	17.60	178	13364	3.06	ng/ul	98
75) Carbazole	17.87	167	6947	1.82	ng/ul	95
77) Fluoranthene	19.51	202	88057	17.43	ng/ul	98
80) Pyrene	19.87	202	64236	12.94	ng/ul	99
81) Butylbenzylphthalate	20.75	149	126258	56.15	ng/ul	97
83) Benzo(a)anthracene	21.71	228	37572	7.82	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.62	149	1268071	379.63	ng/ul#	89
85) Chrysene	21.78	228	35424	7.90	ng/ul	95
88) Benzo(b)fluoranthene	23.95	252	45391	9.43	ng/ul	97
89) Benzo(k)fluoranthene	24.01	252	13241	2.84	ng/ul	99
91) Benzo(a)pyrene	24.84	252	22542	4.84	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.68	276	15749	3.10	ng/ul#	92

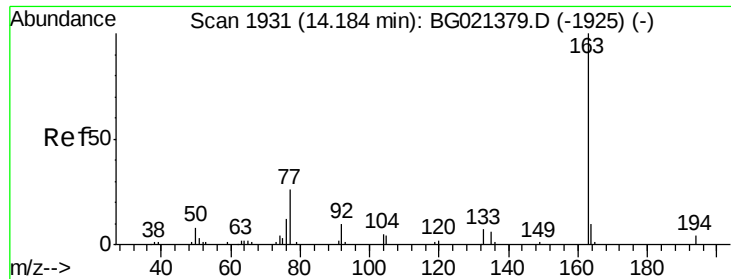
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 09 03:18:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 4.51 ng/ul

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

Instrument :

BNA_G

ClientSampleId :

MS-SS-D280

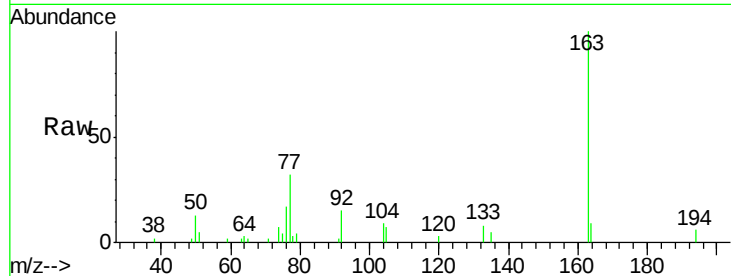
Tgt Ion:163 Resp: 13172

Ion Ratio Lower Upper

163 100

194 5.6 2.8 4.2#

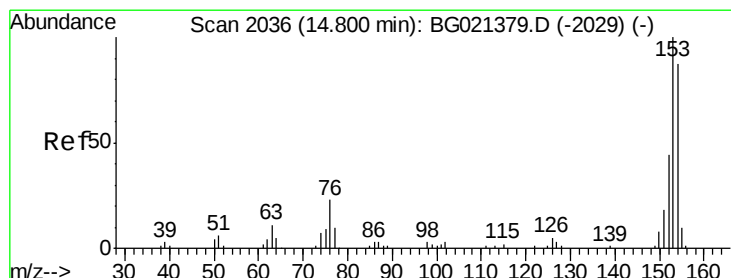
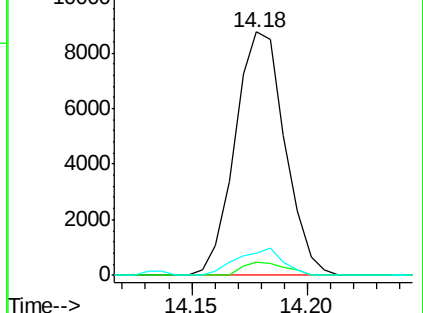
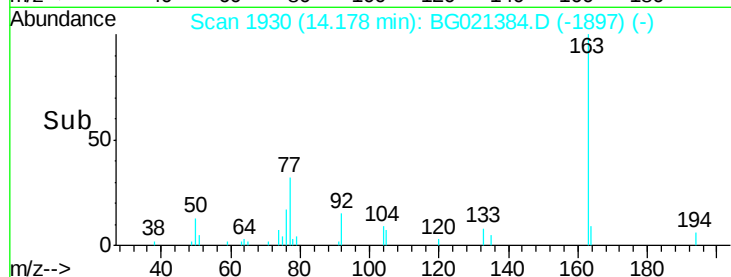
164 9.0 8.2 12.2



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



#50

Acenaphthene

Concen: 2.00 ng/ul

RT: 14.80 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

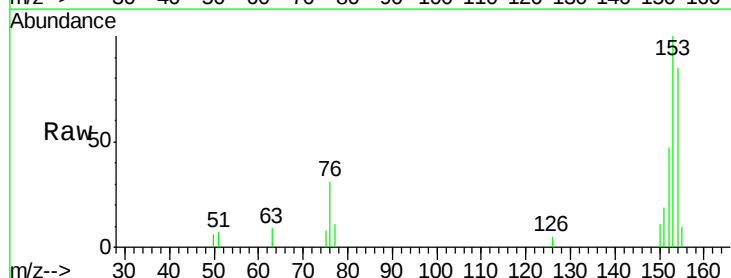
Tgt Ion:153 Resp: 4846

Ion Ratio Lower Upper

153 100

152 46.6 39.0 58.6

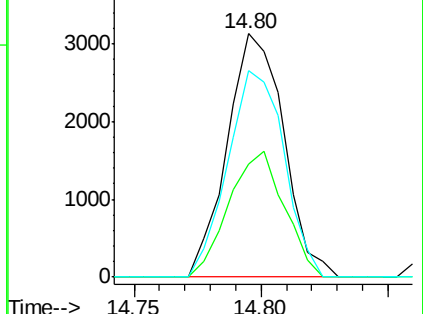
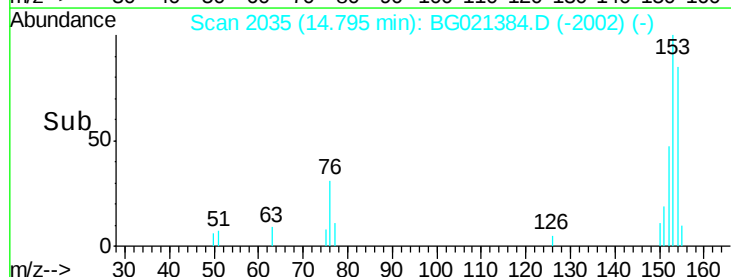
154 84.8 66.8 100.2

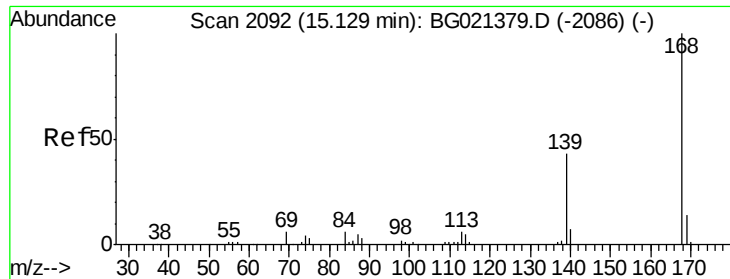


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 1.28 ng/ul

RT: 15.13 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

Instrument :

BNA_G

ClientSampleId :

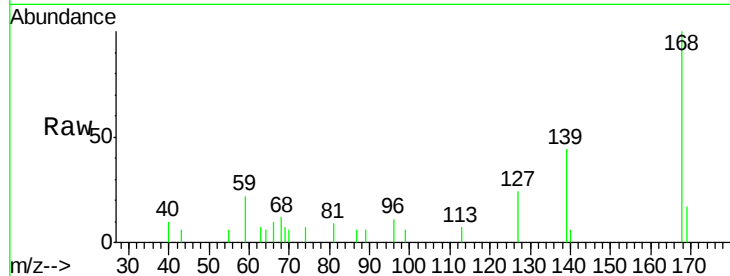
MS-SS-D280

Tgt Ion:168 Resp: 4238

Ion Ratio Lower Upper

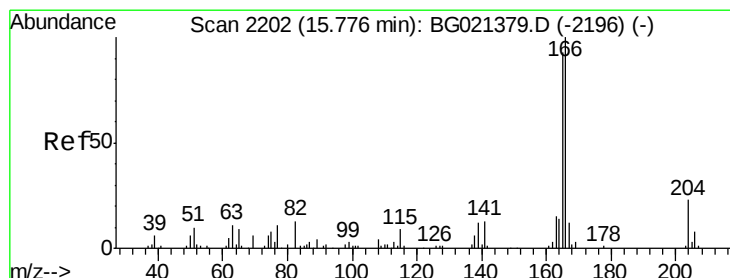
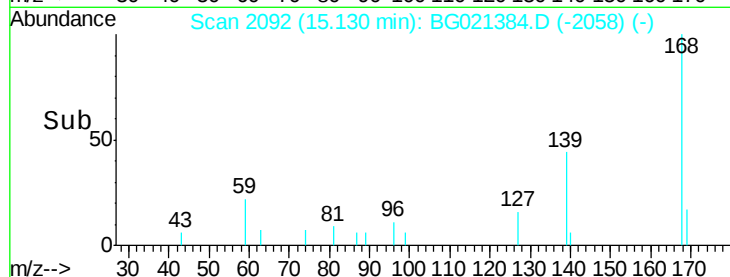
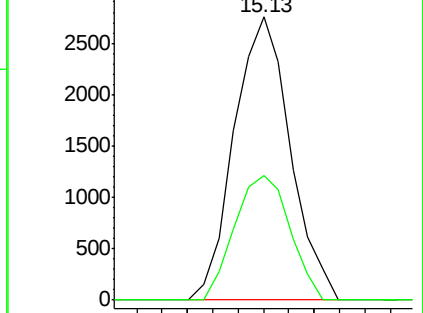
168 100

139 44.1 35.7 53.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 1.95 ng/ul

RT: 15.78 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

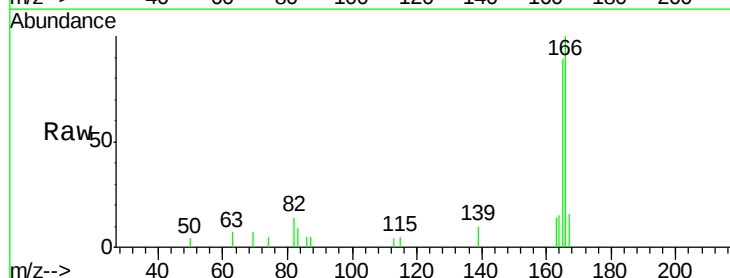
Tgt Ion:166 Resp: 5628

Ion Ratio Lower Upper

166 100

165 88.6 83.8 125.8

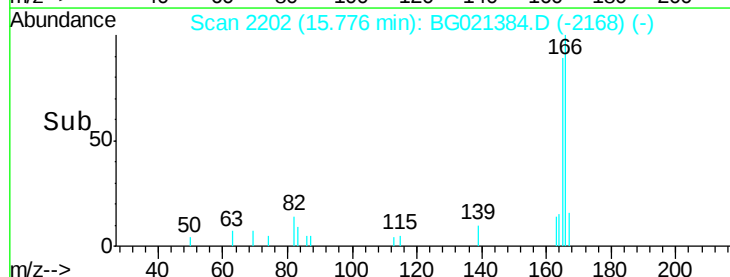
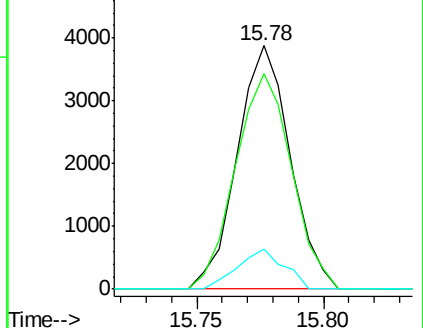
167 16.5 11.5 17.3

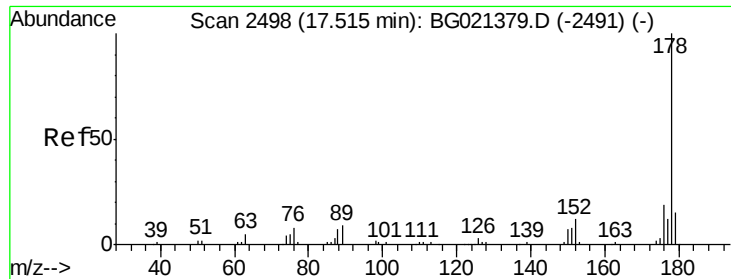


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

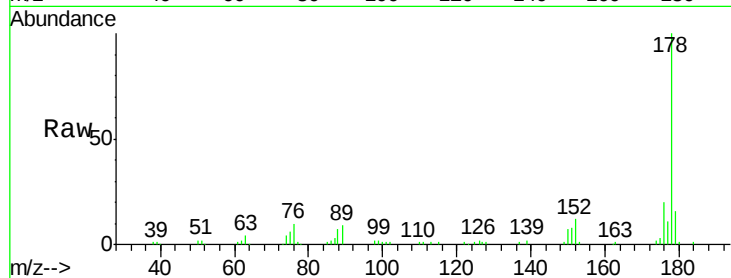




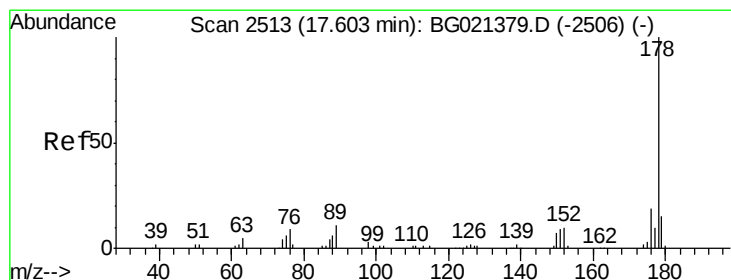
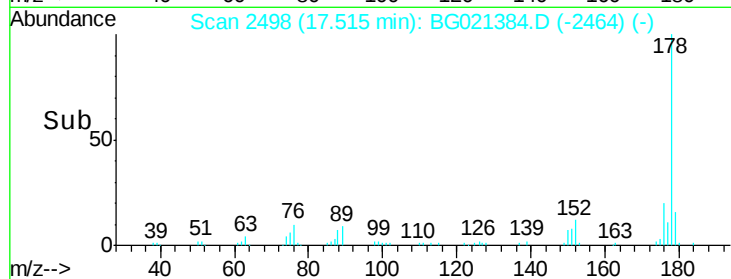
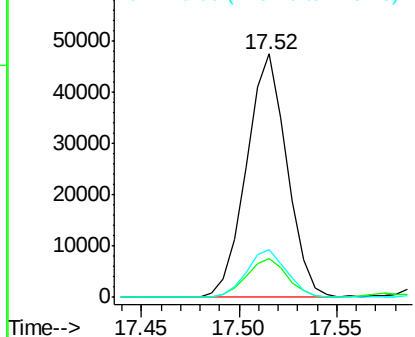
#70
Phenanthrene
Concen: 15.86 ng/ul
RT: 17.52 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Instrument :
BNA_G
ClientSampleId :
MS-SS-D280

Tgt Ion:178 Resp: 68195
Ion Ratio Lower Upper
178 100
179 16.0 12.3 18.5
176 19.9 15.1 22.7

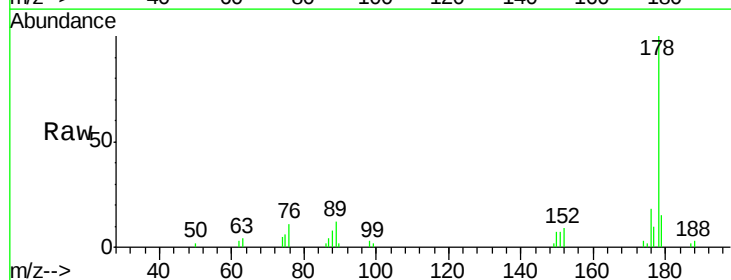


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

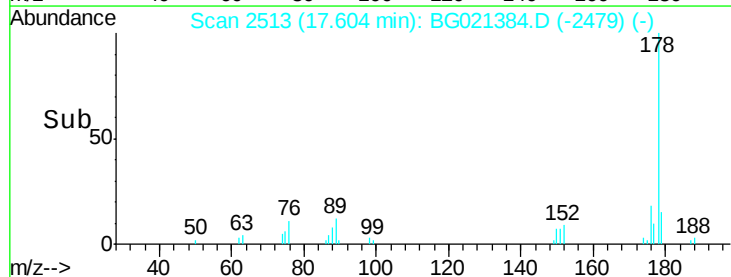
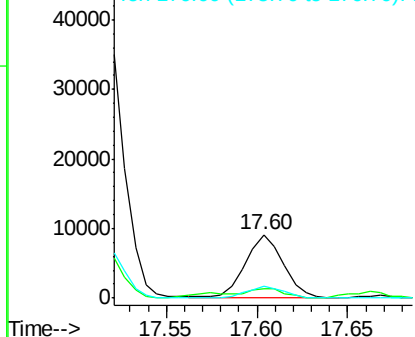


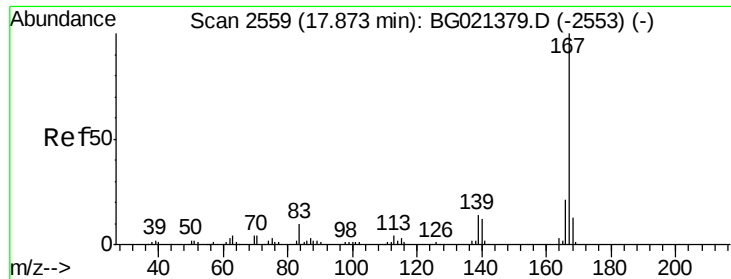
#72
Anthracene
Concen: 3.06 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG021384.D
Acq: 9 Mar 2016 2:25

Tgt Ion:178 Resp: 13364
Ion Ratio Lower Upper
178 100
179 14.7 11.8 17.8
176 17.9 15.2 22.8



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





#75

Carbazole

Concen: 1.82 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

Instrument :

BNA_G

ClientSampleId :

MS-SS-D280

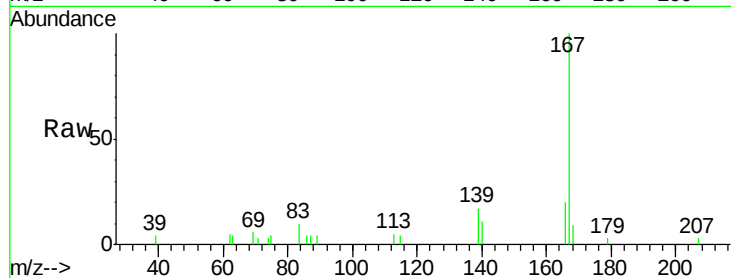
Tgt Ion:167 Resp: 6947

Ion Ratio Lower Upper

167 100

166 20.0 17.4 26.0

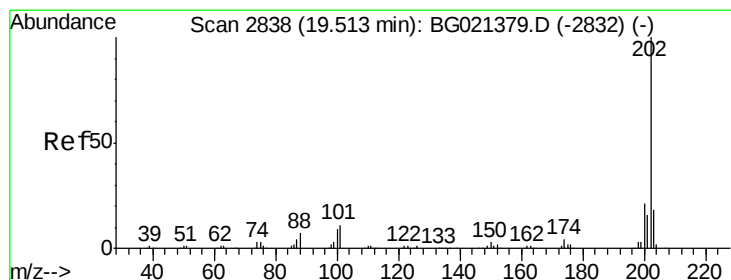
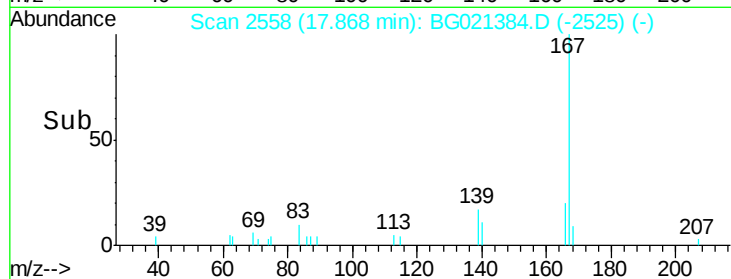
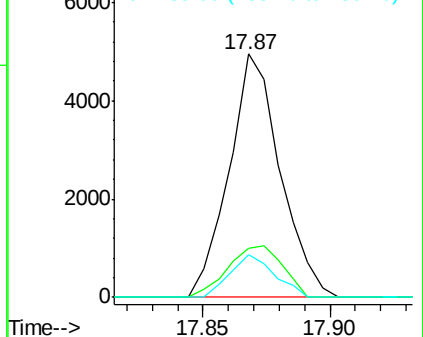
139 17.5 11.8 17.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 17.43 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

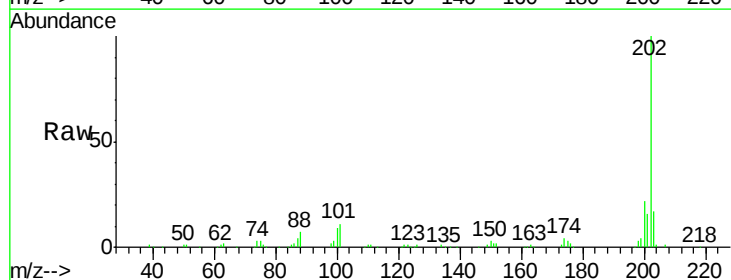
Tgt Ion:202 Resp: 88057

Ion Ratio Lower Upper

202 100

101 11.3 9.9 14.9

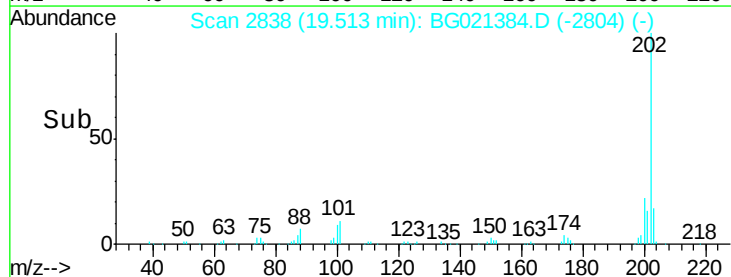
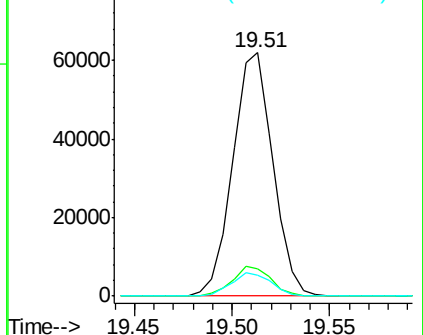
100 8.8 7.4 11.0

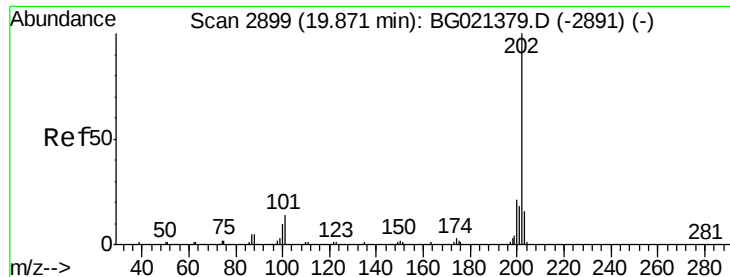


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 12.94 ng/ul

RT: 19.87 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

Instrument :

BNA_G

ClientSampleId :

MS-SS-D280

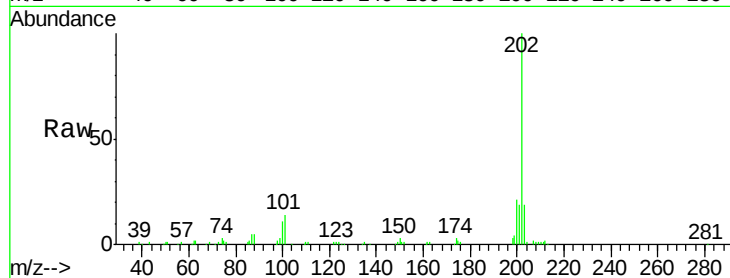
Tgt Ion:202 Resp: 64236

Ion Ratio Lower Upper

202 100

101 13.9 11.0 16.4

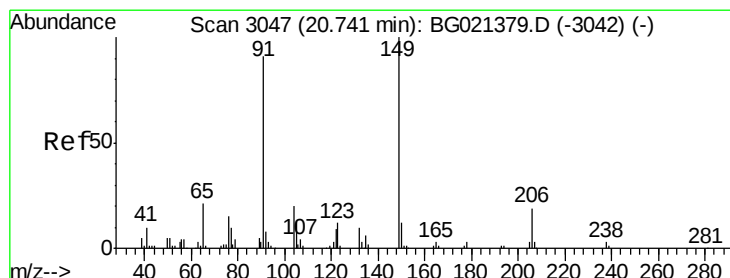
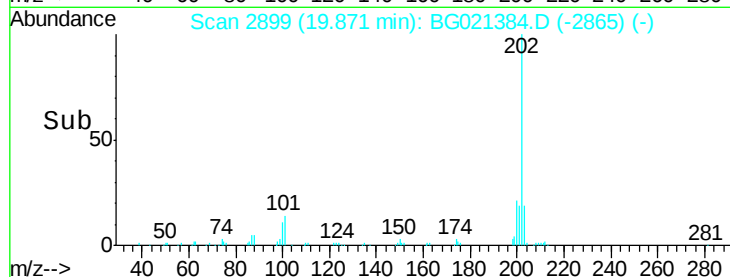
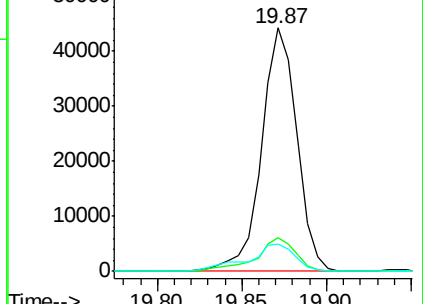
100 11.0 8.1 12.1



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): E



#81

Butylbenzylphthalate

Concen: 56.15 ng/ul

RT: 20.75 min Scan# 3048

Delta R.T. 0.01 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

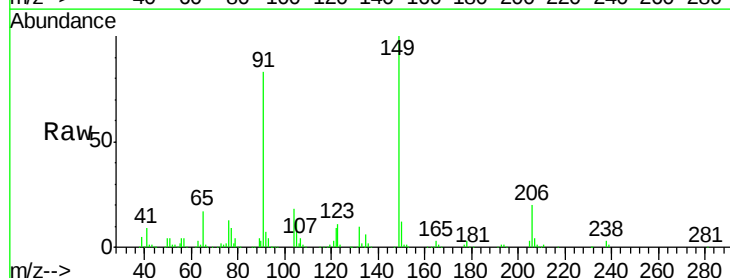
Tgt Ion:149 Resp: 126258

Ion Ratio Lower Upper

149 100

91 82.7 67.5 101.3

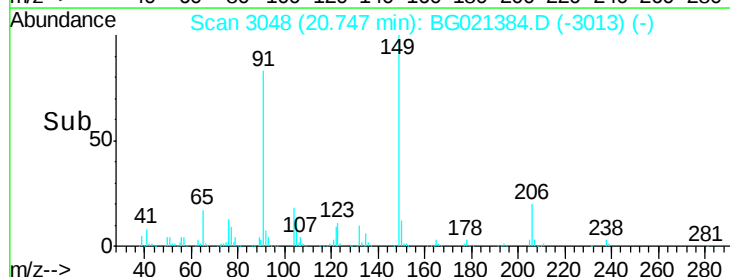
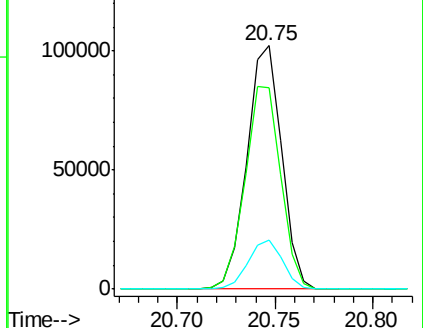
206 20.1 18.0 27.0

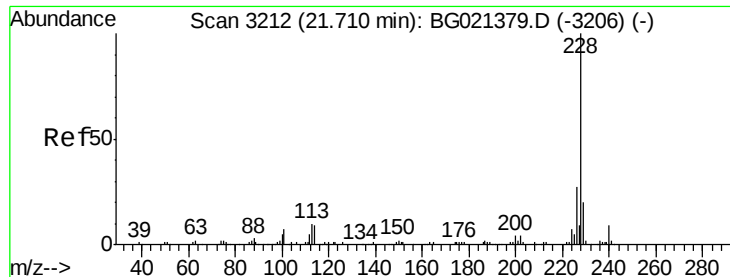


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#83

Benzo(a)anthracene

Concen: 7.82 ng/ul

RT: 21.71 min Scan# 3212

Delta R.T. 0.00 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

Instrument :

BNA_G

ClientSampleId :

MS-SS-D280

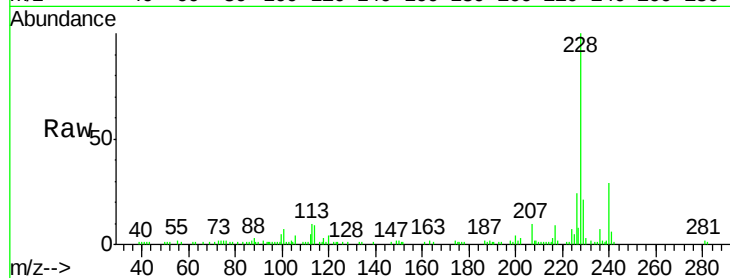
Tgt Ion:228 Resp: 37572

Ion Ratio Lower Upper

228 100

229 20.9 15.7 23.5

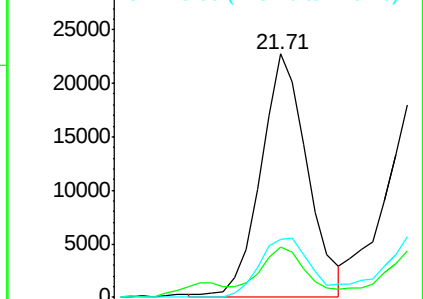
226 24.0 21.1 31.7



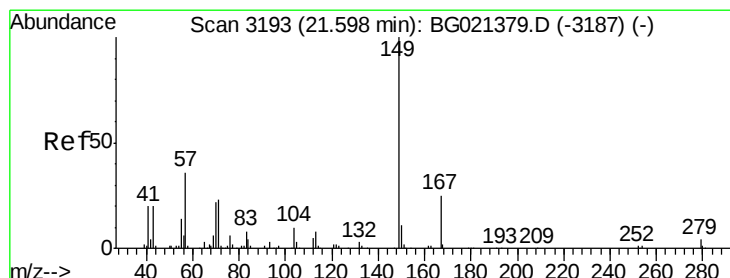
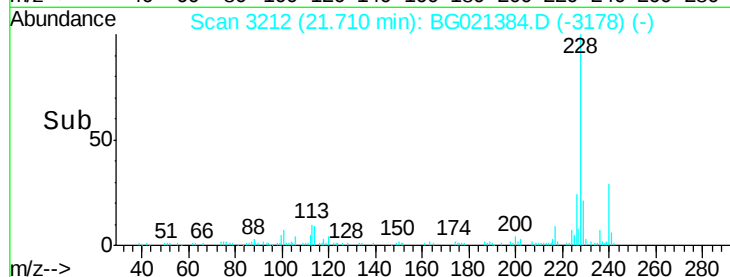
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 379.63 ng/ul

RT: 21.62 min Scan# 3196

Delta R.T. 0.02 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

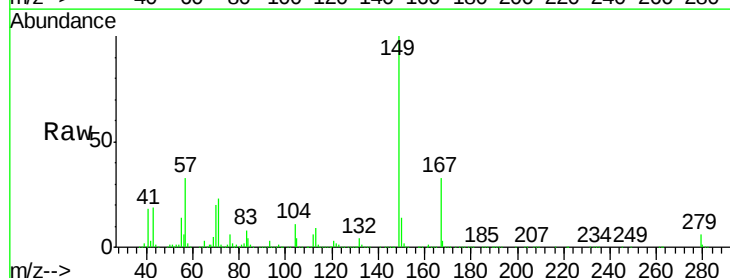
Tgt Ion:149 Resp: 1268071

Ion Ratio Lower Upper

149 100

167 32.7 21.2 31.8#

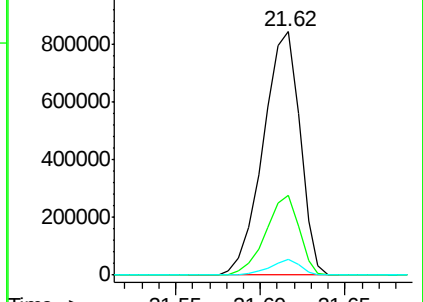
279 6.5 3.4 5.0#



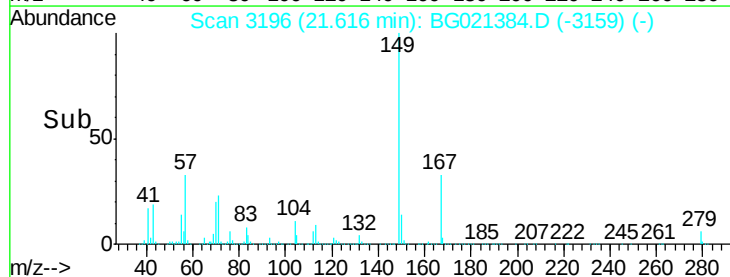
Abundance Ion 149.00 (148.70 to 149.70): E

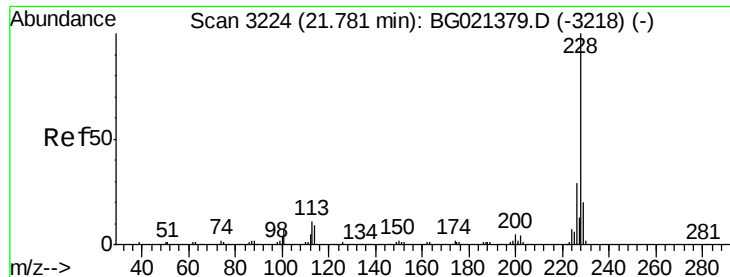
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Chrysene

Concen: 7.90 ng/ul

RT: 21.78 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

Instrument :

BNA_G

ClientSampleId :

MS-SS-D280

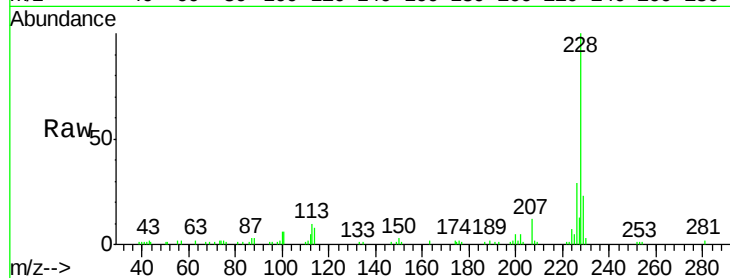
Tgt Ion:228 Resp: 35424

Ion Ratio Lower Upper

228 100

226 28.9 24.5 36.7

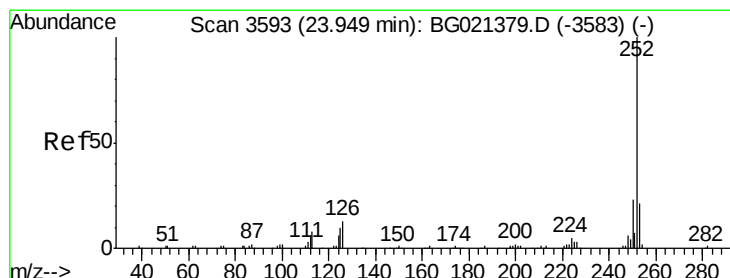
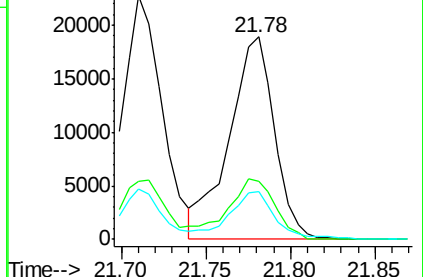
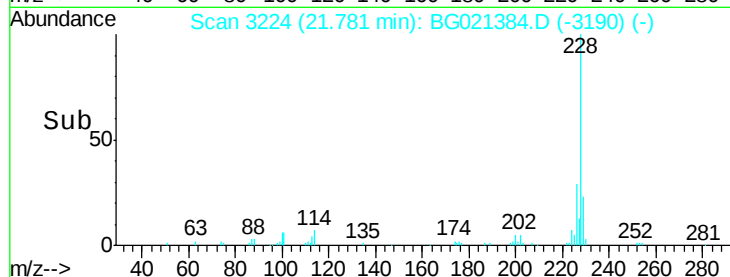
229 23.4 15.8 23.8



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



#88

Benzo(b)fluoranthene

Concen: 9.43 ng/ul

RT: 23.95 min Scan# 3593

Delta R.T. 0.00 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

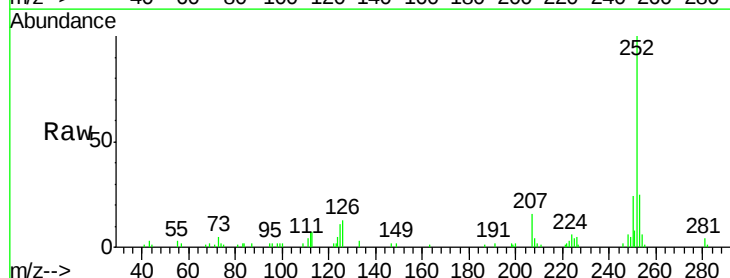
Tgt Ion:252 Resp: 45391

Ion Ratio Lower Upper

252 100

253 24.5 18.0 27.0

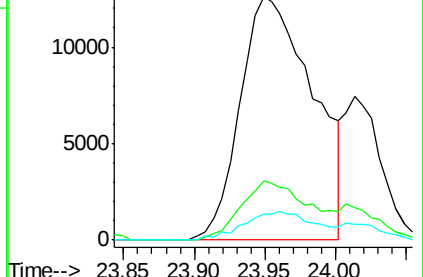
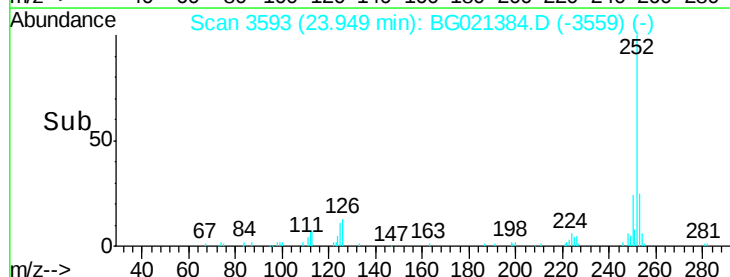
125 10.6 8.0 12.0

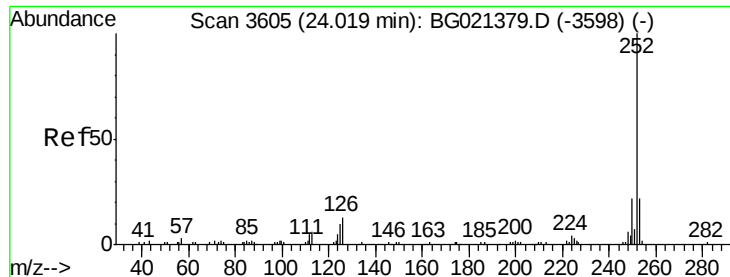


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.84 ng/ul

RT: 24.01 min Scan# 3604

Delta R.T. -0.01 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

Instrument :

BNA_G

ClientSampleId :

MS-SS-D280

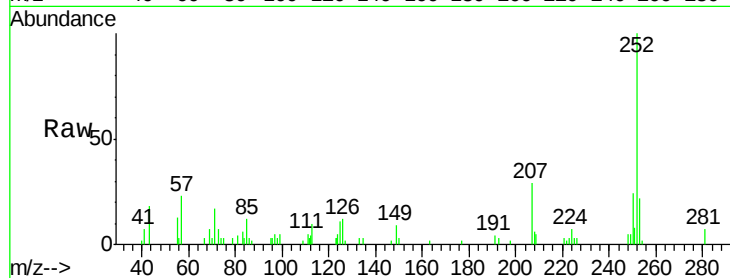
Tgt Ion:252 Resp: 13241

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

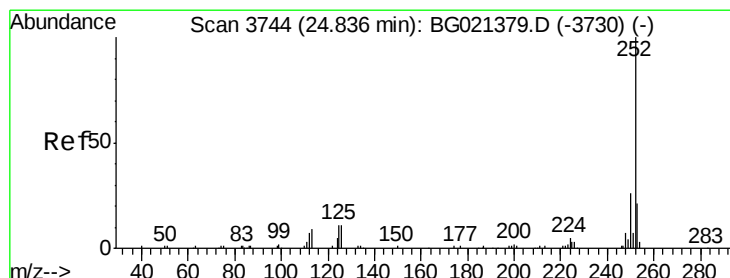
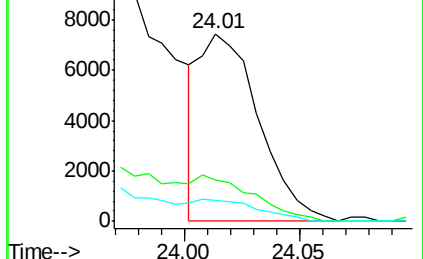
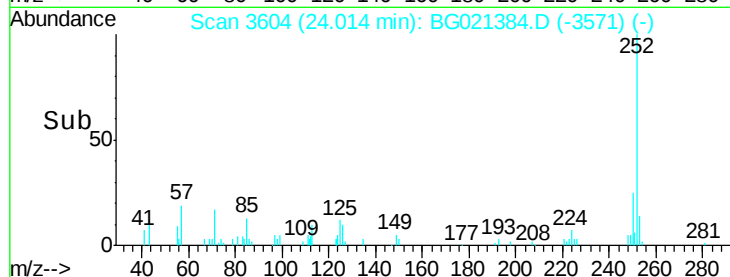
125 11.3 8.1 12.1



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



#91

Benzo(a)pyrene

Concen: 4.84 ng/ul

RT: 24.84 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG021384.D

Acq: 9 Mar 2016 2:25

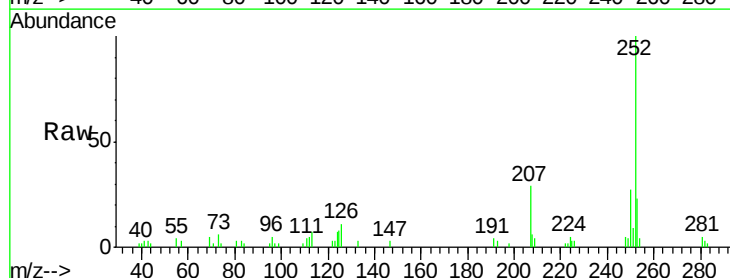
Tgt Ion:252 Resp: 22542

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

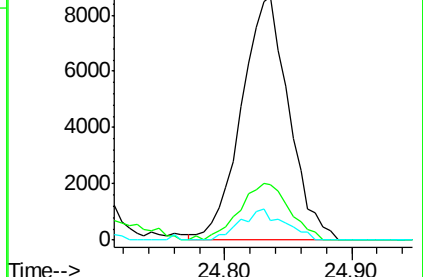
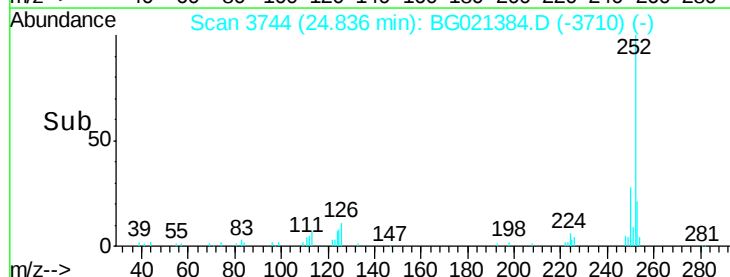
125 8.0 8.2 12.4#

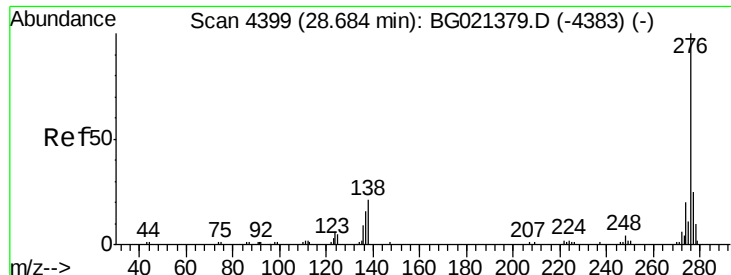


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.10 ng/ul

RT: 28.68 min Scan# 4399

Delta R.T. 0.00 min

Lab File: BG021384.D

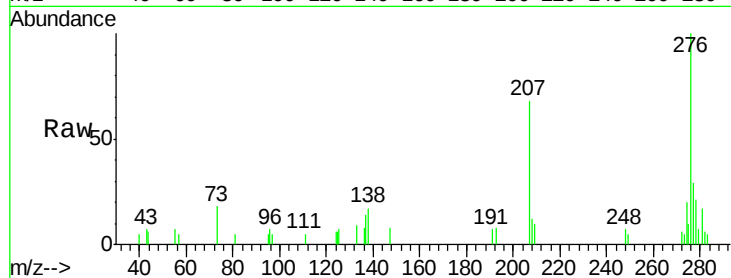
Acq: 9 Mar 2016 2:25

Instrument :

BNA_G

ClientSampleId :

MS-SS-D280



Tgt Ion: 276 Resp: 15749

Ion Ratio Lower Upper

276 100

138 17.5 14.4 21.6

277 28.8 18.0 27.0

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

