

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022771.D
 Acq On : 1 Jul 2016 23:46
 Operator : UM/SJ
 Sample : H3811-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW9

Quant Time: Jul 02 00:22:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	147181	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	681479	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	553481	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1597321	20.00	ng/ul	0.10
75) Chrysene-d12	21.97	240	1481	20.00	ng/ul	0.12
83) Perylene-d12	25.22	264	1525726	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	6048	2.30	ng/uL	0.00
5) Phenol-d5	7.31	99	406249	26.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	235588	26.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	261852	25.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	326262	27.13	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	138973	25.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	171045	26.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	351034	25.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	335551	28.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1175219	26.14	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1345570	26.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	195050	27.63	ng/ul	0.00
57) Fluorene-d10	15.79	176	1122561	26.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.02	200	426	0.04	ng/ul	0.12
70) Anthracene-d10	17.65	188	1597321	21.51	ng/ul	0.00
76) Pyrene-d10	19.98	212	2693	38.06	ng/ul	0.05
87) Benzo(a)pyrene-d12	24.99	264	1898628	26.19	ng/ul	0.01

Target Compounds

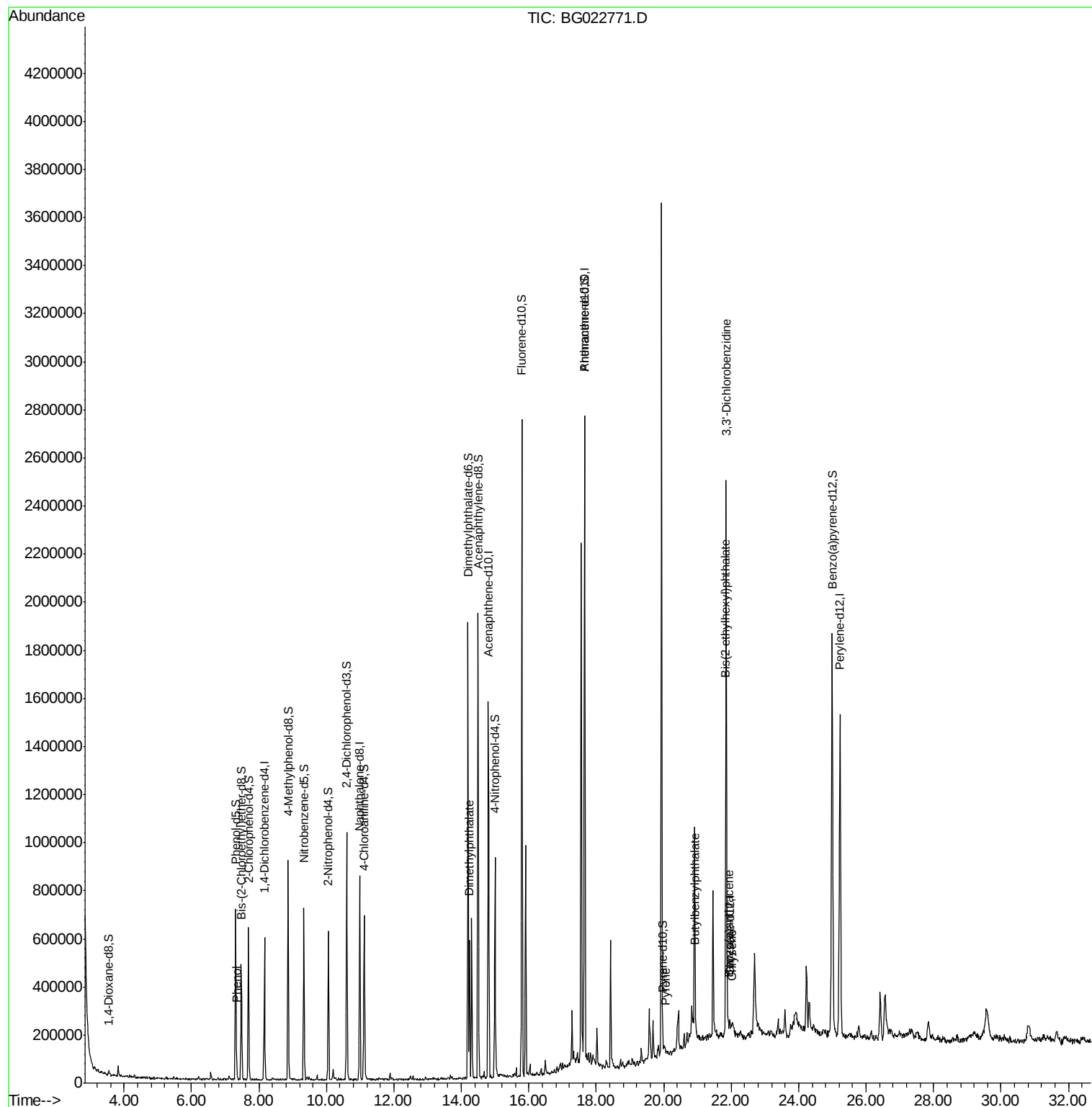
						Qvalue
6) Phenol	7.34	94	19893	1.25	ng/ul#	40
44) Dimethylphthalate	14.24	163	352104	7.67	ng/ul	98
77) Pyrene	20.07	202	184	2.22	ng/ul#	1
78) Butylbenzylphthalate	20.94	149	1310	40.74	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.86	252	512	18.26	ng/ul#	1
80) Benzo(a)anthracene	21.94	228	694	7.99	ng/ul#	78
81) Bis(2-ethylhexyl)phthalate	21.83	149	986	23.76	ng/ul#	48
82) Chrysene	22.02	228	351	4.44	ng/ul#	16

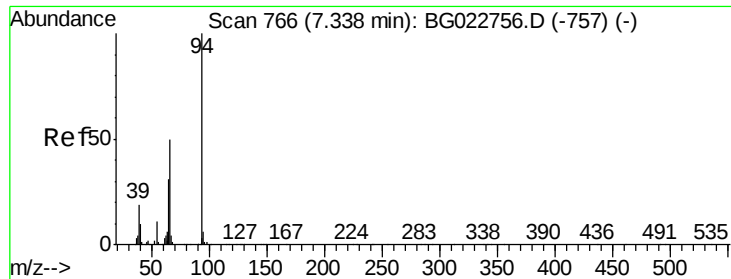
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.25 ng/ul

RT: 7.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG022771.D

Acq: 1 Jul 2016 23:46

Instrument :

BNA_G

ClientSampleId :

A4TW9

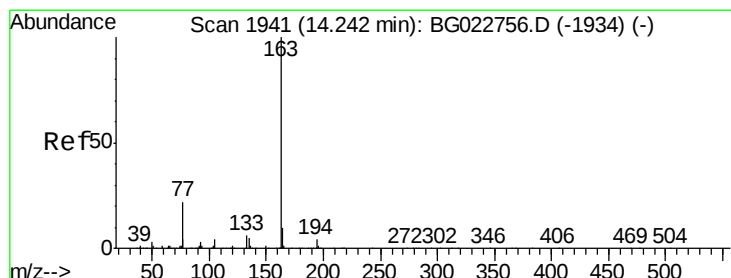
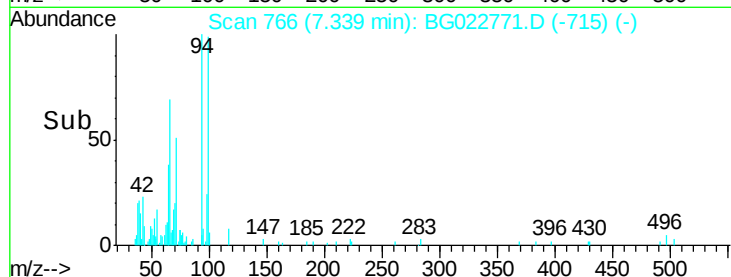
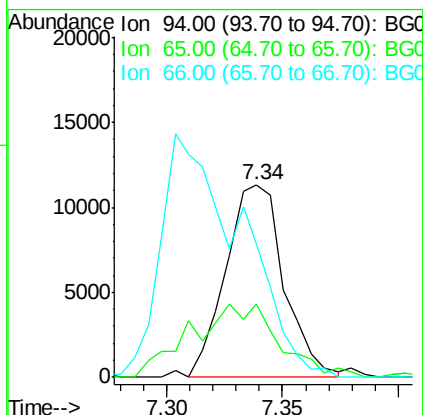
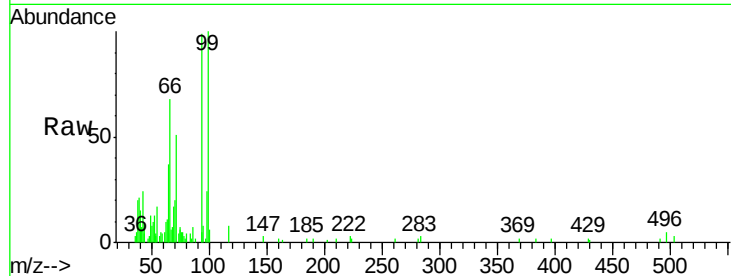
Tgt Ion: 94 Resp: 19893

Ion Ratio Lower Upper

94 100

65 37.9 16.8 25.2#

66 69.3 22.6 33.8#



#44

Dimethylphthalate

Concen: 7.67 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG022771.D

Acq: 1 Jul 2016 23:46

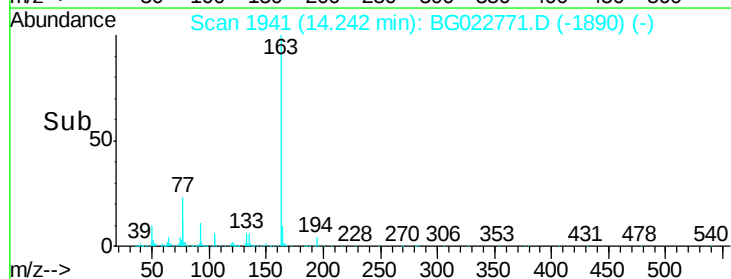
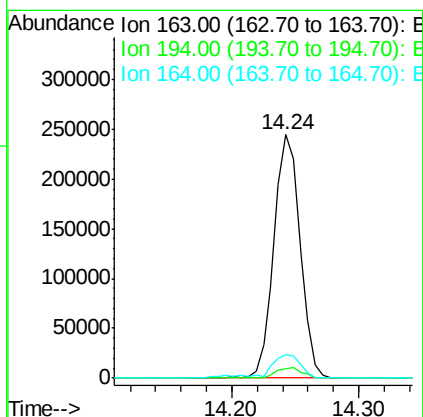
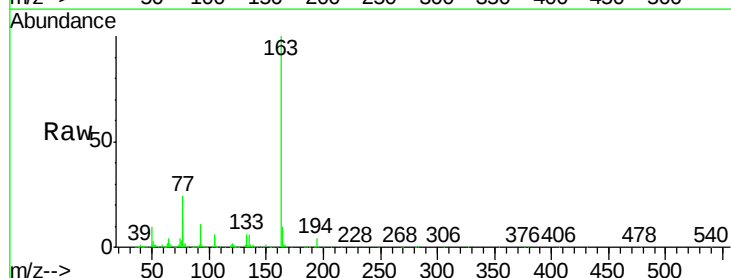
Tgt Ion: 163 Resp: 352104

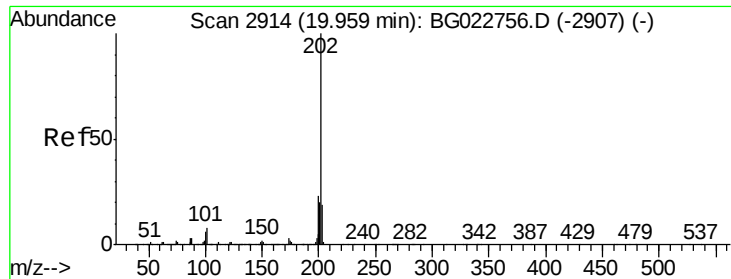
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 9.8 8.8 13.2





#77

Pyrene

Concen: 2.22 ng/ul

RT: 20.07 min Scan# 2933

Delta R.T. 0.11 min

Lab File: BG022771.D

Acq: 1 Jul 2016 23:46

Instrument :

BNA_G

ClientSampleId :

A4TW9

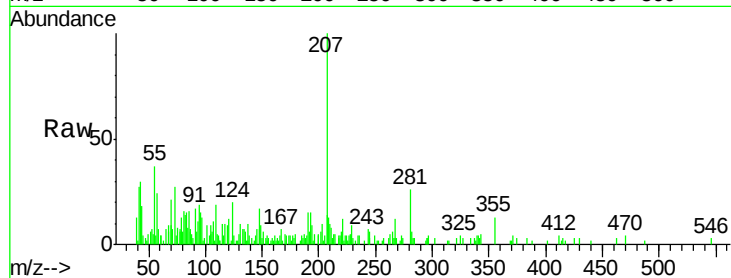
Tgt Ion:202 Resp: 184

Ion Ratio Lower Upper

202 100

101 155.2 12.5 18.7#

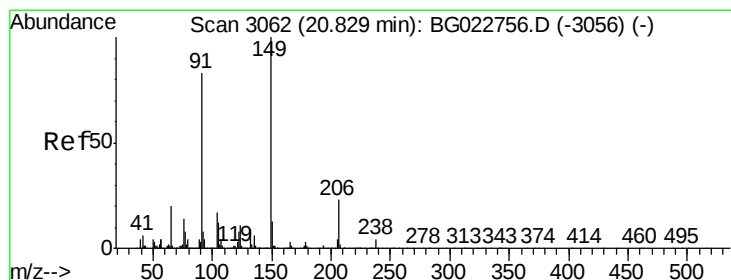
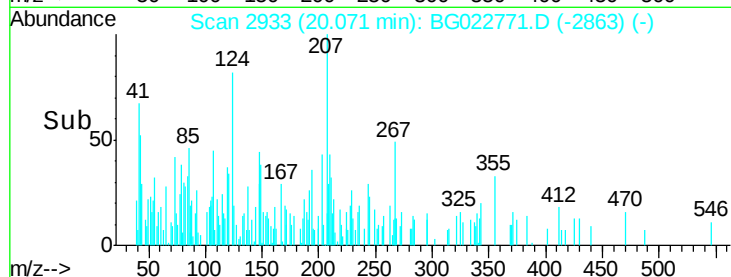
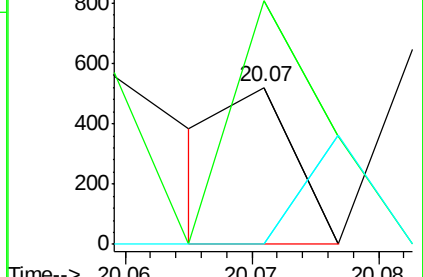
100 0.0 10.2 15.4#



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): E



#78

Butylbenzylphthalate

Concen: 40.74 ng/ul

RT: 20.94 min Scan# 3081

Delta R.T. 0.11 min

Lab File: BG022771.D

Acq: 1 Jul 2016 23:46

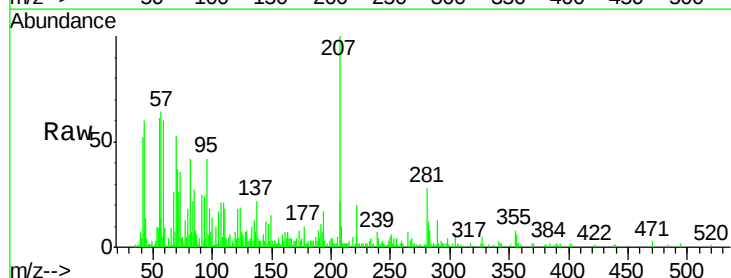
Tgt Ion:149 Resp: 1310

Ion Ratio Lower Upper

149 100

91 170.5 54.2 81.4#

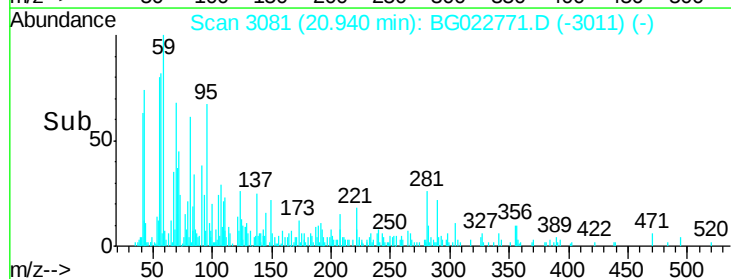
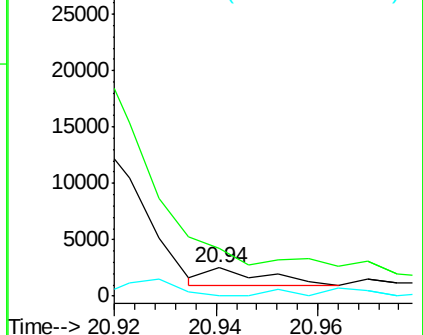
206 0.0 14.1 21.1#

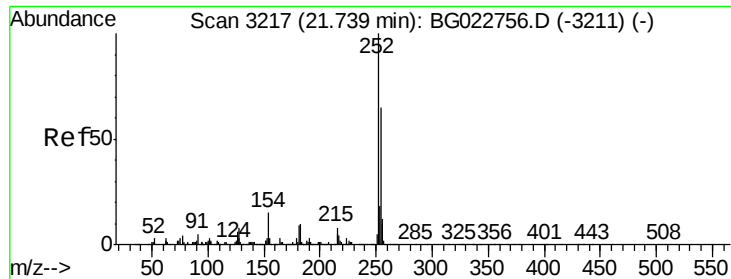


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

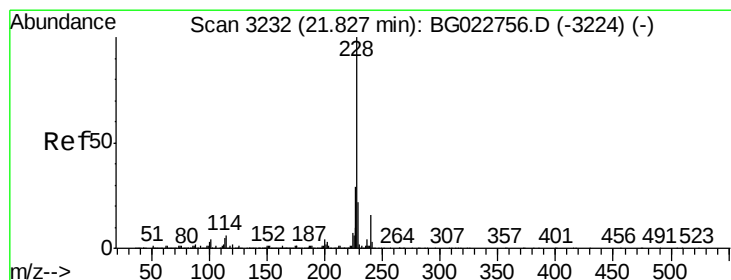
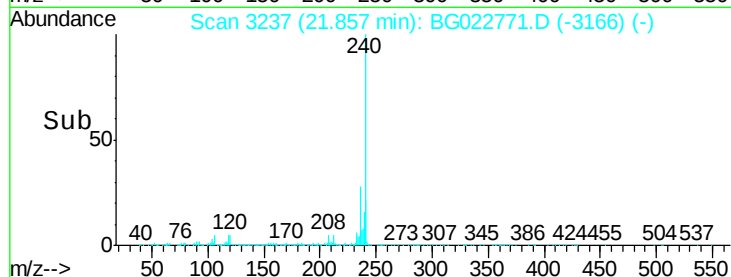
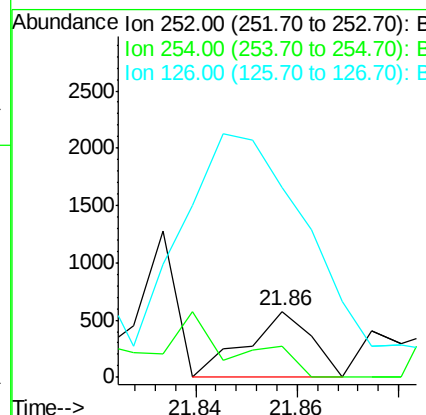
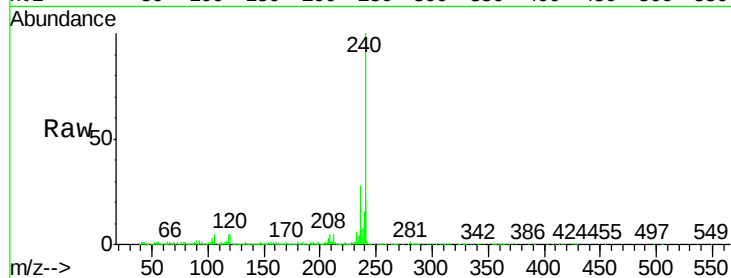




#79
 3,3'-Dichlorobenzidine
 Concen: 18.26 ng/ul
 RT: 21.86 min Scan# 3237
 Delta R.T. 0.12 min
 Lab File: BG022771.D
 Acq: 1 Jul 2016 23:46

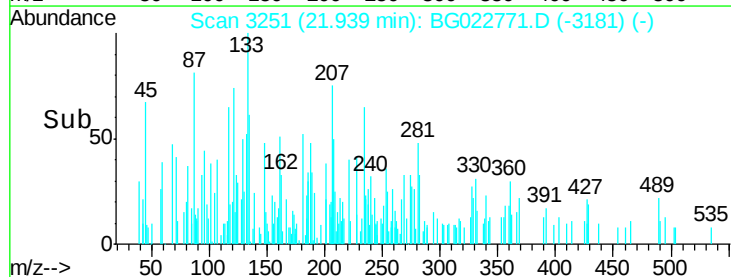
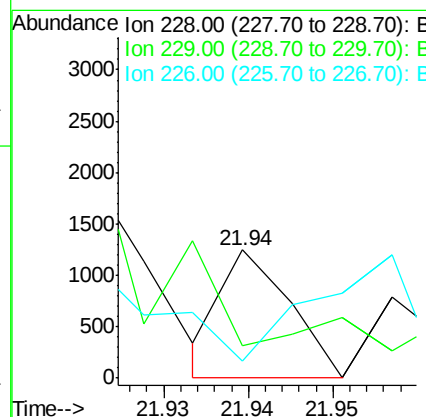
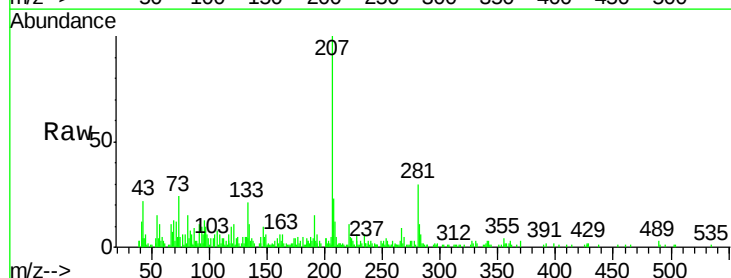
Instrument :
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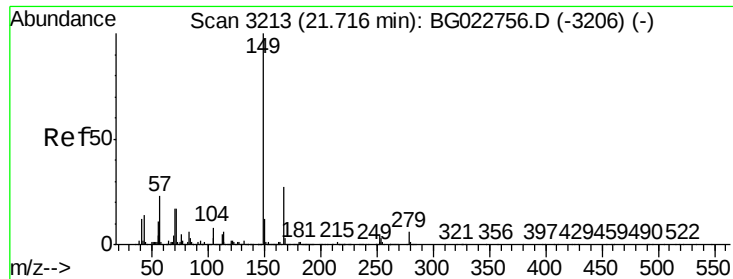
Tgt Ion:252 Resp: 512
 Ion Ratio Lower Upper
 252 100
 254 47.7 51.4 77.2#
 126 287.8 10.7 16.1#



#80
 Benzo(a)anthracene
 Concen: 7.99 ng/ul
 RT: 21.94 min Scan# 3251
 Delta R.T. 0.11 min
 Lab File: BG022771.D
 Acq: 1 Jul 2016 23:46

Tgt Ion:228 Resp: 694
 Ion Ratio Lower Upper
 228 100
 229 25.5 15.4 23.2#
 226 13.6 22.8 34.2#





#81

Bis(2-ethylhexyl)phthalate

Concen: 23.76 ng/ul

RT: 21.83 min Scan# 3233

Delta R.T. 0.12 min

Lab File: BG022771.D

Acq: 1 Jul 2016 23:46

Instrument :

BNA_G

ClientSampleId :

A4TW9

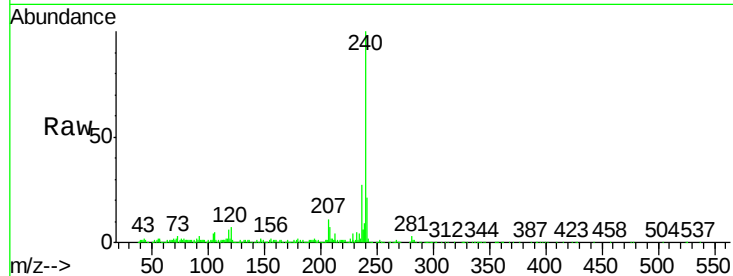
Tgt Ion:149 Resp: 986

Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

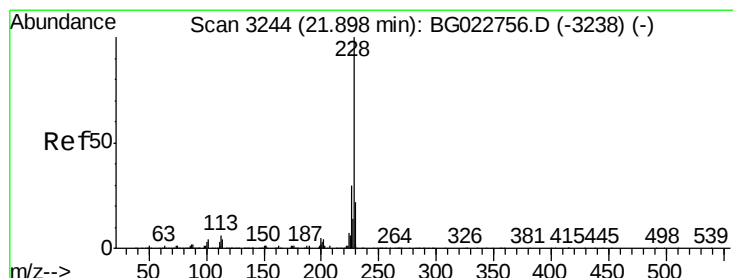
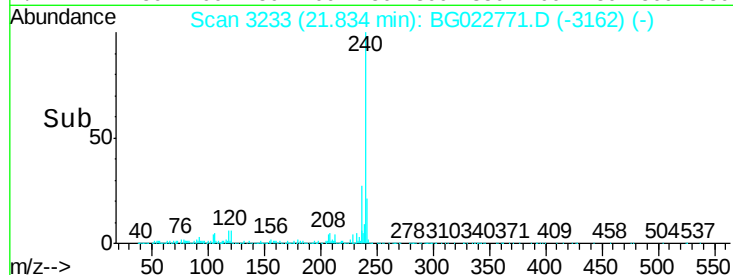
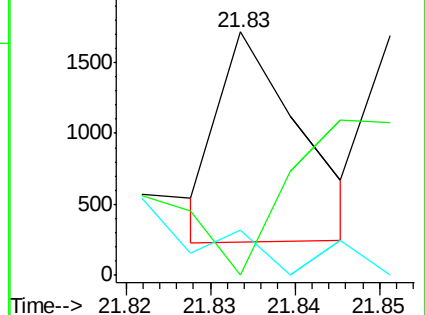
279 18.4 2.9 4.3#



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



#82

Chrysene

Concen: 4.44 ng/ul

RT: 22.02 min Scan# 3264

Delta R.T. 0.12 min

Lab File: BG022771.D

Acq: 1 Jul 2016 23:46

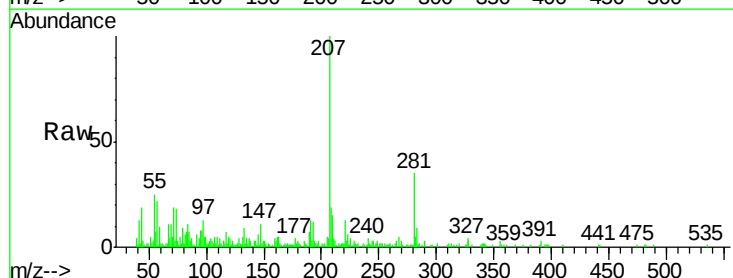
Tgt Ion:228 Resp: 351

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.4#

229 77.0 15.0 22.6#



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

