

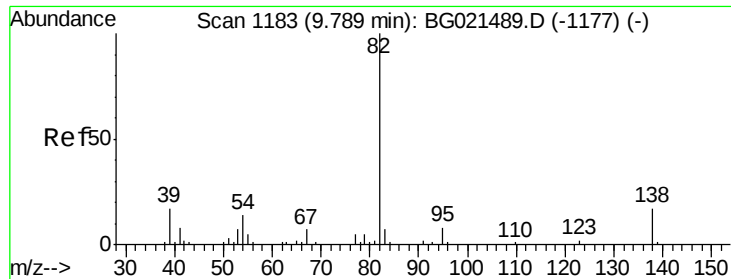
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021500.D
 Acq On : 25 Mar 2016 1:01
 Operator : UM/SJ
 Sample : H1909-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T52

Quant Time: Mar 25 04:22:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 01:20:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-8.06
18) Naphthalene-d8	10.87	136	791	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	691	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	1270	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	1550	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	636	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	1427	0.00	ng/uL	0.00
5) Phenol-d5	7.34	99	31144	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	20077	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	25400	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	27507	0.00	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	13528	2279.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	14963	2205.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	26934	2221.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	36840	2323.92	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	97403	1692.89	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	118648	1672.94	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	12766	1388.11	ng/ul	0.01
58) Fluorene-d10	15.66	176	87060	1678.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	16171	1927.37	ng/ul	0.00
71) Anthracene-d10	17.51	188	136327	2190.50	ng/ul	0.00
79) Pyrene-d10	19.79	212	154516	2137.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	161582	5504.69	ng/ul	0.00
Target Compounds						
21) Isophorone	9.95	82	1591	49.24	ng/ul#	69
45) Dimethylphthalate	14.12	163	25373	424.40	ng/ul	99
46) 2,6-Dinitrotoluene	14.13	165	116	9.51	ng/ul#	19
57) Diethylphthalate	15.48	149	261	4.09	ng/ul#	59
70) Phenanthrene	17.45	178	391	5.44	ng/ul#	61
72) Anthracene	17.45	178	391	5.34	ng/ul#	59
76) Di-n-butylphthalate	18.35	149	960	11.75	ng/ul#	77
77) Fluoranthene	19.46	202	926	10.67	ng/ul#	73
80) Pvrene	19.82	202	917	9.93	ng/ul#	63
83) Benzo(a)anthracene	21.65	228	275	2.94	ng/ul#	52
84) Bis(2-ethylhexyl)phthalate	21.53	149	2913	51.06	ng/ul#	92
85) Chrysene	21.72	228	491	5.54	ng/ul#	50
87) Di-n-octyl phthalate	22.73	149	432	10.01	ng/ul	100
88) Benzo(b)fluoranthene	23.86	252	210	5.14	ng/ul#	59
89) Benzo(k)fluoranthene	23.89	252	234	5.83	ng/ul#	60
91) Benzo(a)pyrene	24.73	252	517	13.04	ng/ul#	60

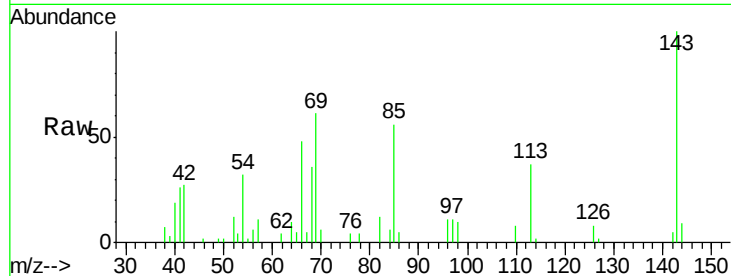
(#) = qualifier out of range (m) = manual integration (+) = signals summed



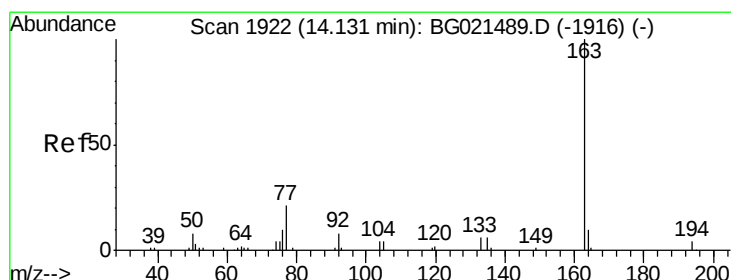
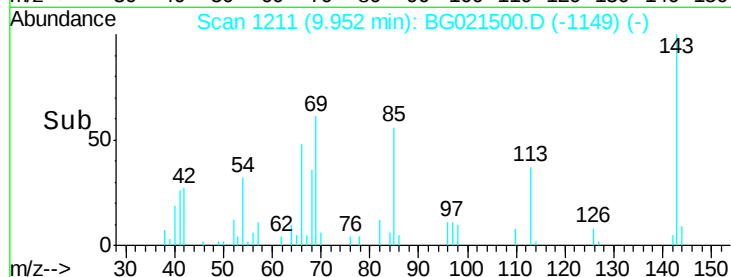
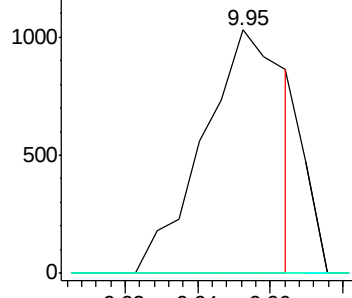
#21
Isophorone
Concen: 49.24 ng/ul
RT: 9.95 min Scan# 1211
Delta R.T. 0.16 min
Lab File: BG021500.D
Acq: 25 Mar 2016 1:01

Instrument :
BNA_G
ClientSampleId :
A4T52

Tot Ion: 82 Resp: 1591
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.2 18.2#

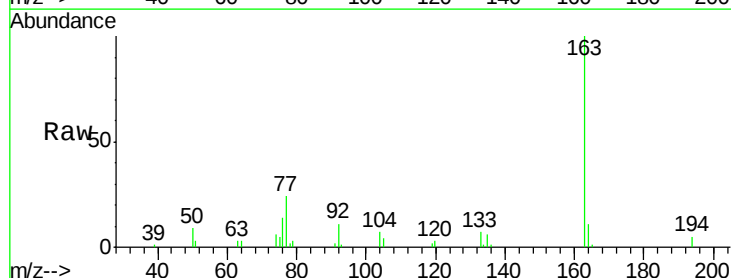


Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 95.00 (94.70 to 95.70): BG
Ion 138.00 (137.70 to 138.70): E

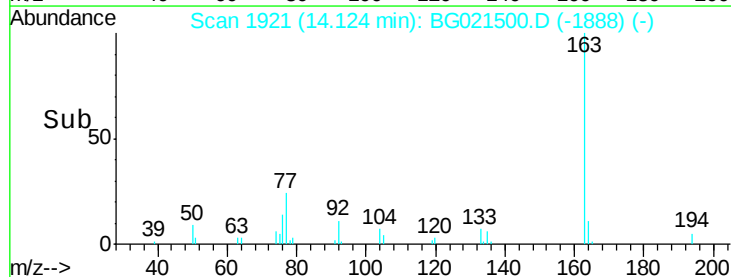
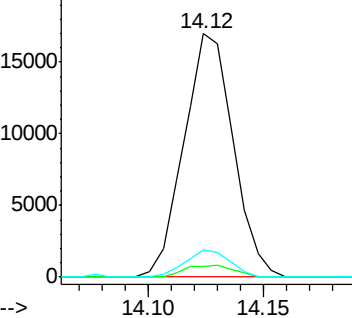


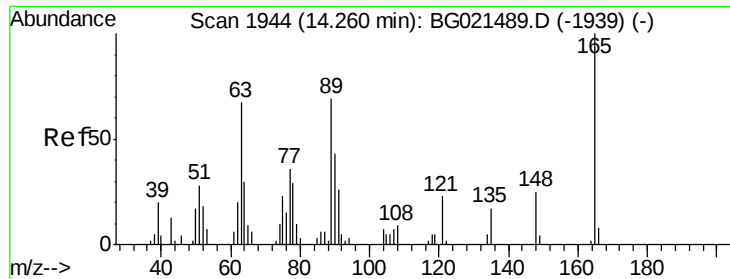
#45
Dimethylphthalate
Concen: 424.40 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG021500.D
Acq: 25 Mar 2016 1:01

Tgt Ion:163 Resp: 25373
Ion Ratio Lower Upper
163 100
194 4.5 3.9 5.9
164 11.2 8.7 13.1



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

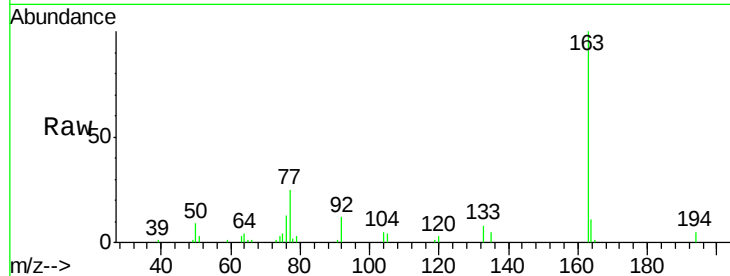




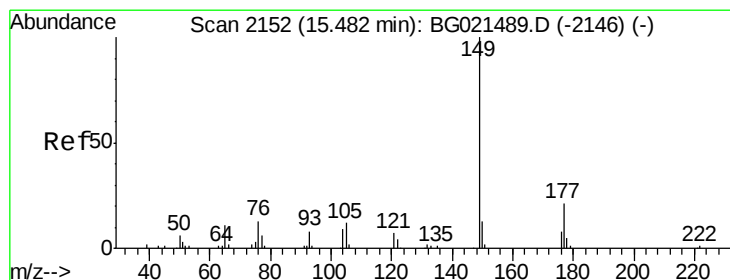
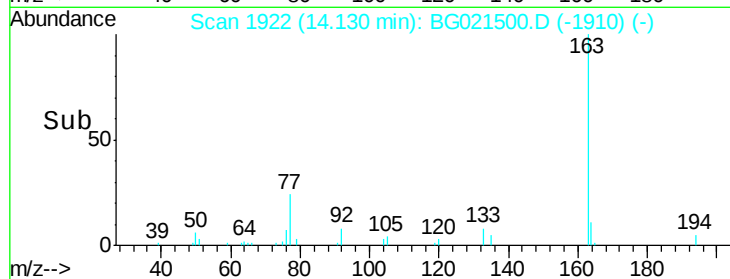
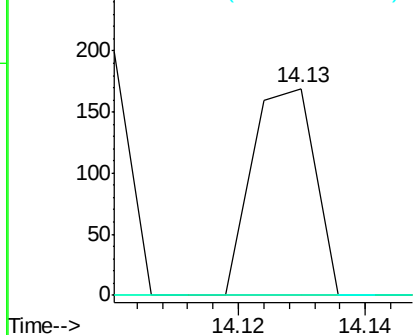
#46
 2,6-Dinitrotoluene
 Concen: 9.51 ng/ul
 RT: 14.13 min Scan# 1922
 Delta R.T. -0.13 min
 Lab File: BG021500.D
 Acq: 25 Mar 2016 1:01

Instrument :
 BNA_G
 ClientSampled :
 A4T52

Tot Ion	Ratio	Lower	Upper
165	100		
89	0.0	64.6	96.8#
121	0.0	20.4	30.6#

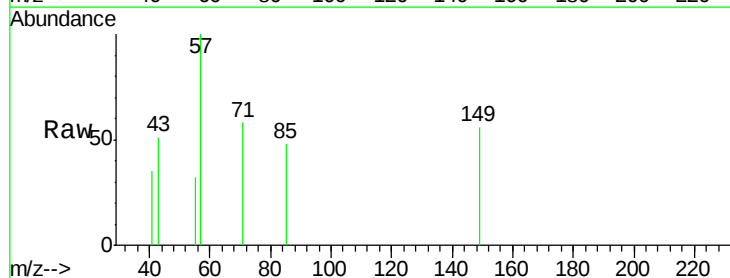


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BG
 Ion 121.00 (120.70 to 121.70): E

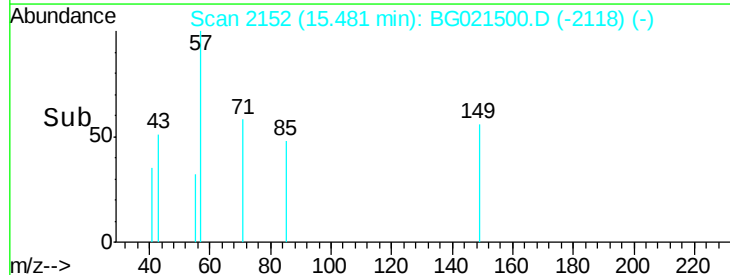
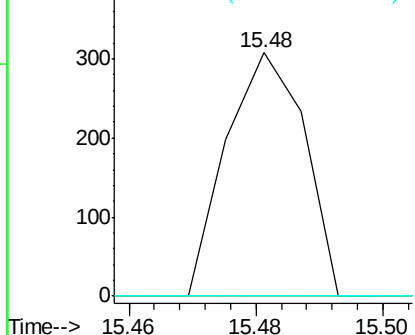


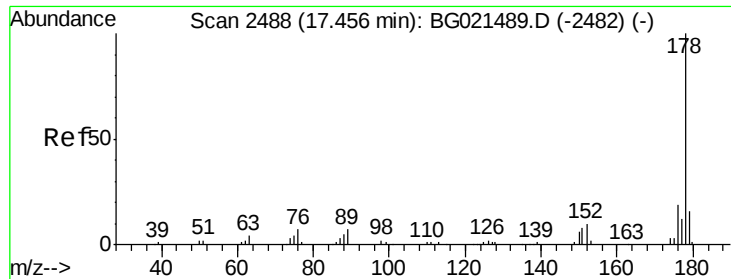
#57
 Diethylphthalate
 Concen: 4.09 ng/ul
 RT: 15.48 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG021500.D
 Acq: 25 Mar 2016 1:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.4	26.2#
150	0.0	10.2	15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#70

Phenanthrene

Concen: 5.44 ng/ul

RT: 17.45 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BG021500.D

Acq: 25 Mar 2016 1:01

Instrument :

BNA_G

ClientSampleId :

A4T52

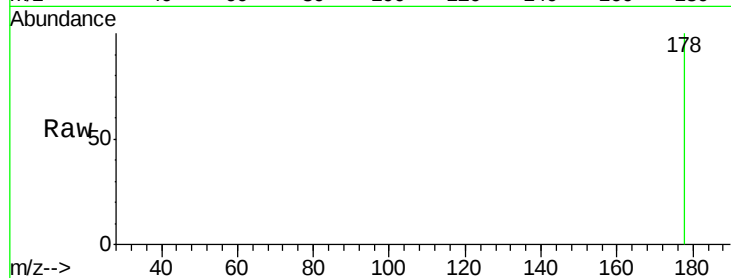
Tot Ion:178 Resp: 391

Ion Ratio Lower Upper

178 100

179 0.0 11.8 17.8#

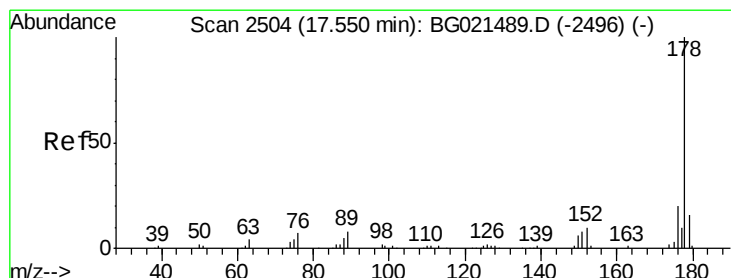
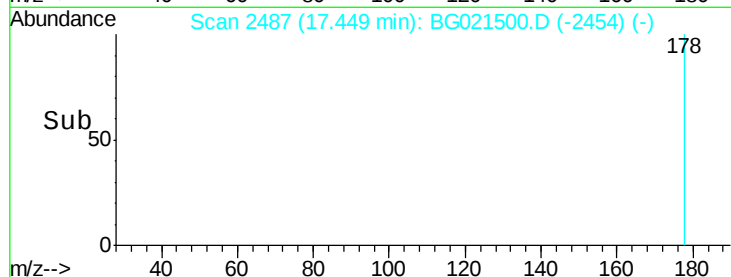
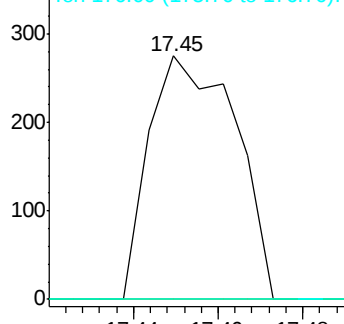
176 0.0 14.8 22.2#



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



#72

Anthracene

Concen: 5.34 ng/ul

RT: 17.45 min Scan# 2487

Delta R.T. -0.10 min

Lab File: BG021500.D

Acq: 25 Mar 2016 1:01

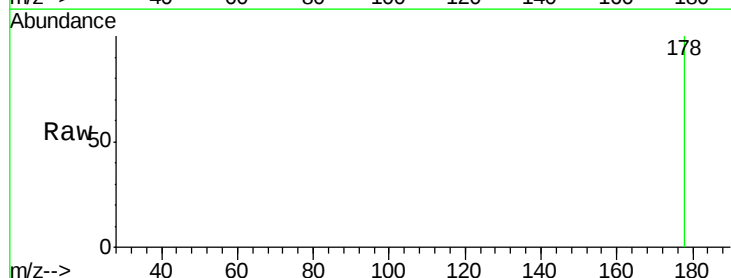
Tgt Ion:178 Resp: 391

Ion Ratio Lower Upper

178 100

179 0.0 12.9 19.3#

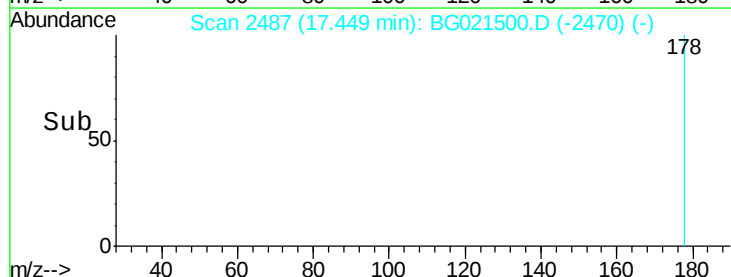
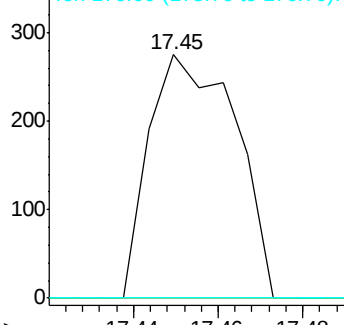
176 0.0 15.6 23.4#

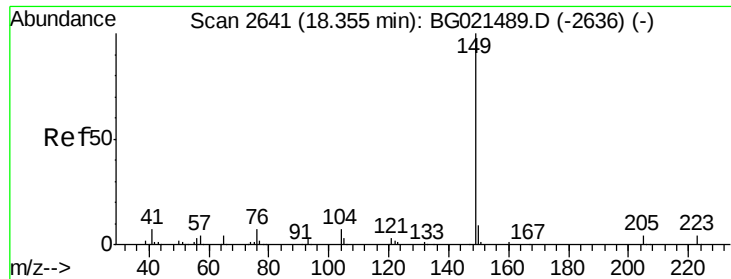


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

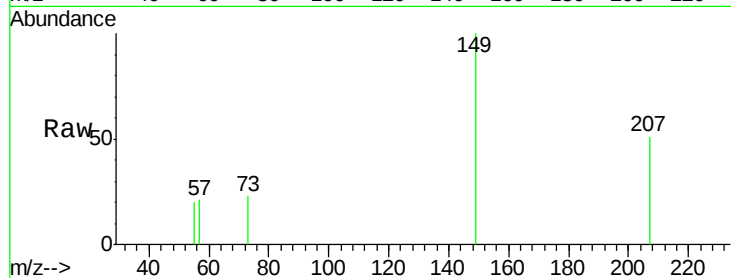




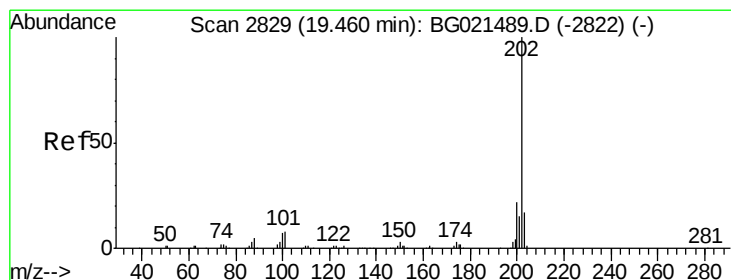
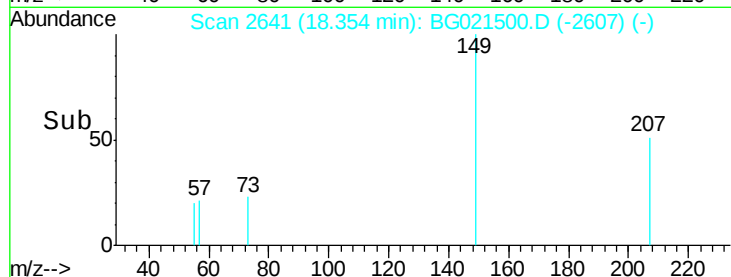
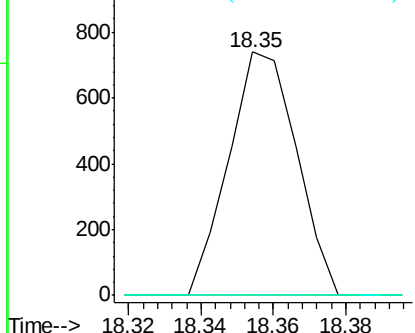
#76
Di-n-butylphthalate
Concen: 11.75 ng/ul
RT: 18.35 min Scan# 2641
Delta R.T. -0.00 min
Lab File: BG021500.D
Acq: 25 Mar 2016 1:01

Instrument :
BNA_G
ClientSampleId :
A4T52

Tot Ion:149 Resp: 960
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 5.4 8.2#

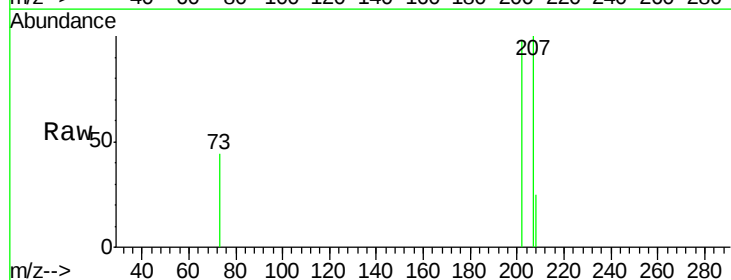


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

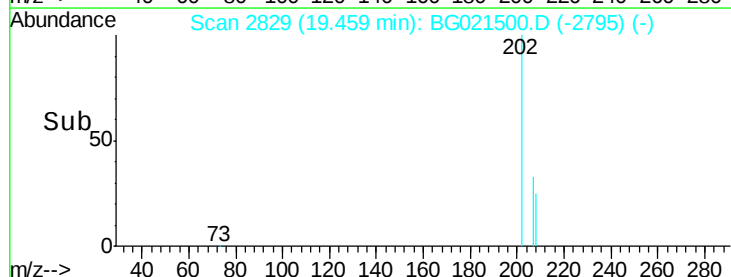
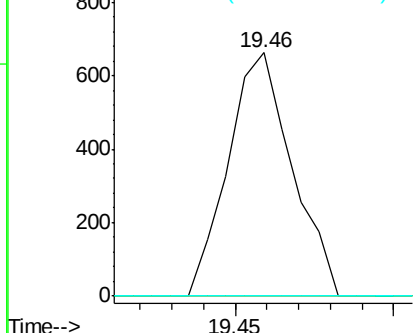


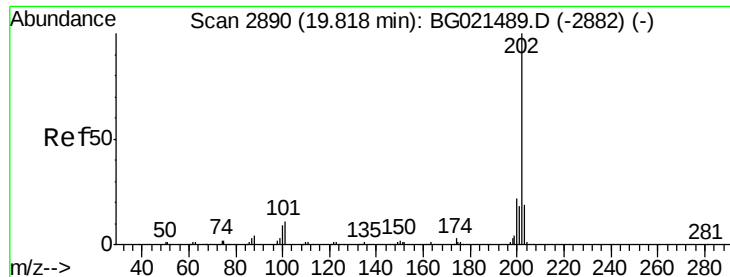
#77
Fluoranthene
Concen: 10.67 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG021500.D
Acq: 25 Mar 2016 1:01

Tgt Ion:202 Resp: 926
Ion Ratio Lower Upper
202 100
101 0.0 8.9 13.3#
100 0.0 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

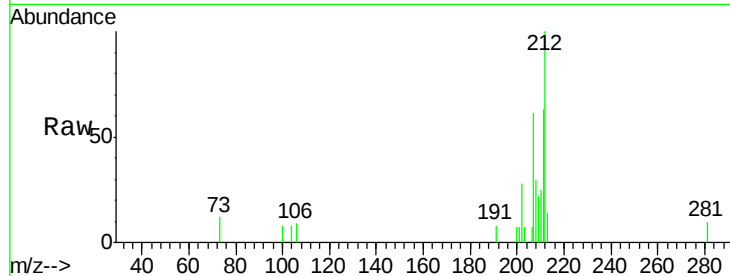




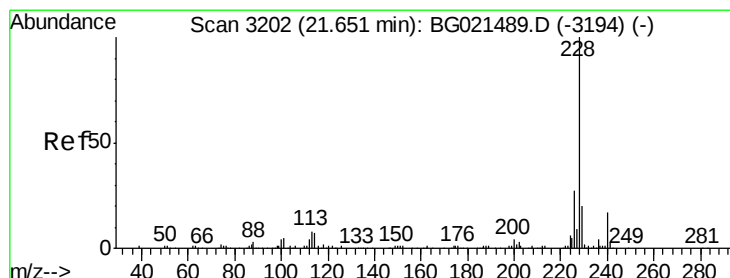
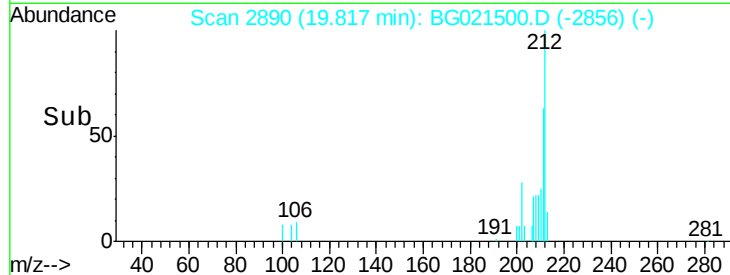
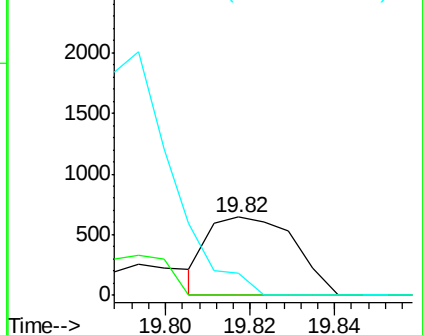
#80
Pvrene
Concen: 9.93 ng/ul
RT: 19.82 min Scan# 2890
Delta R.T. -0.00 min
Lab File: BG021500.D
Acq: 25 Mar 2016 1:01

Instrument :
BNA_G
ClientSampleId :
A4T52

Tot Ion:202 Resp: 917
Ion Ratio Lower Upper
202 100
101 0.0 9.8 14.8#
100 28.0 9.3 13.9#

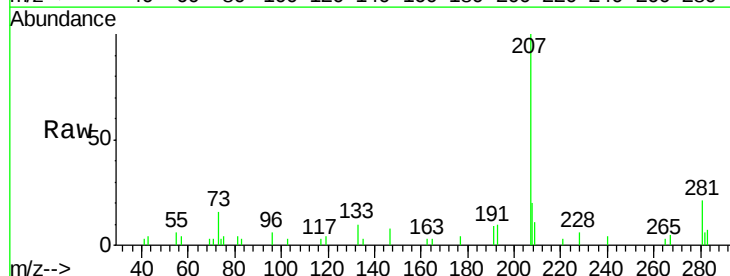


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

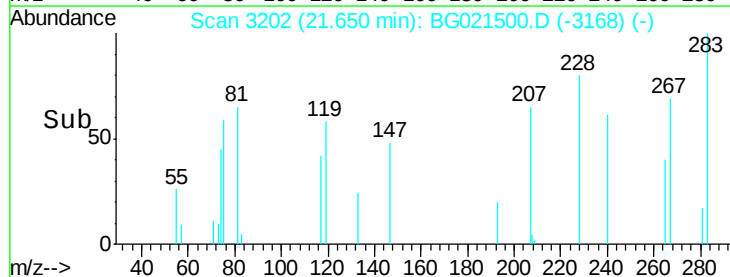
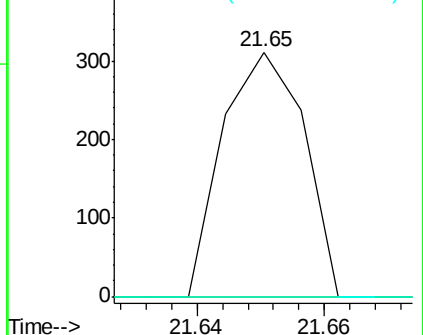


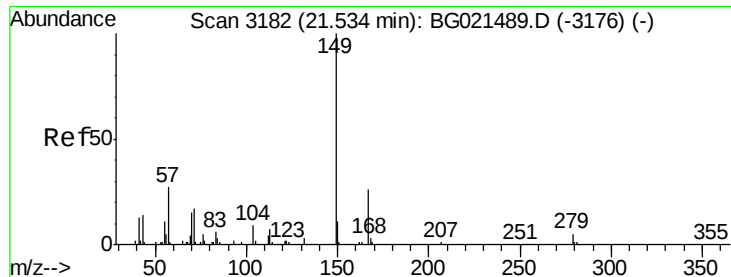
#83
Benzo(a)anthracene
Concen: 2.94 ng/ul
RT: 21.65 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BG021500.D
Acq: 25 Mar 2016 1:01

Tgt Ion:228 Resp: 275
Ion Ratio Lower Upper
228 100
229 0.0 16.6 25.0#
226 0.0 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





#84

Bis(2-ethylhexyl)phthalate

Concen: 51.06 ng/ul

RT: 21.53 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG021500.D

Acq: 25 Mar 2016 1:01

Instrument :

BNA_G

ClientSampleId :

A4T52

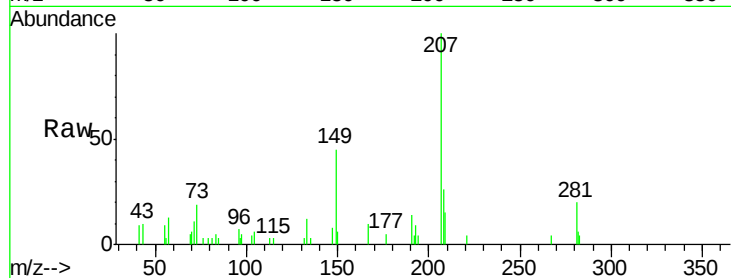
Tot Ion:149 Resp: 2913

Ion Ratio Lower Upper

149 100

167 22.2 20.5 30.7

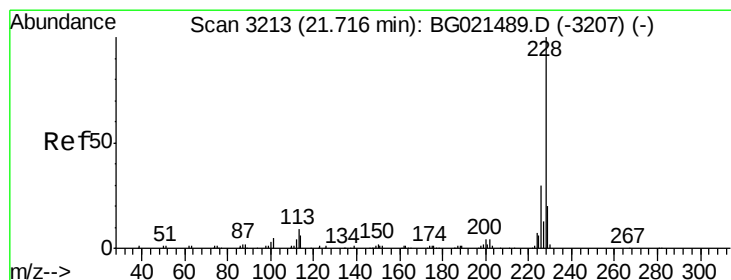
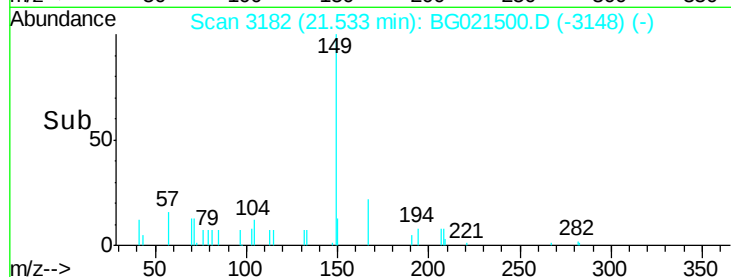
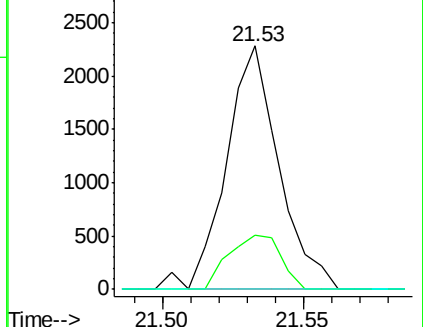
279 0.0 3.7 5.5#



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



#85

Chrysene

Concen: 5.54 ng/ul

RT: 21.72 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BG021500.D

Acq: 25 Mar 2016 1:01

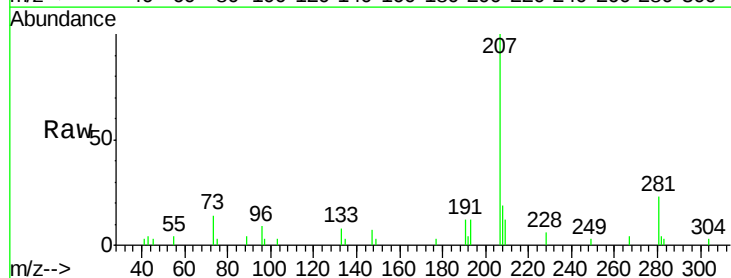
Tgt Ion:228 Resp: 491

Ion Ratio Lower Upper

228 100

226 0.0 23.4 35.2#

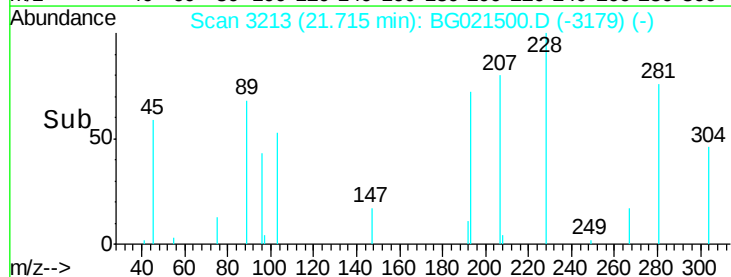
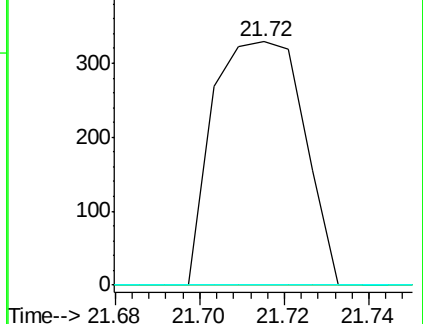
229 0.0 16.2 24.2#

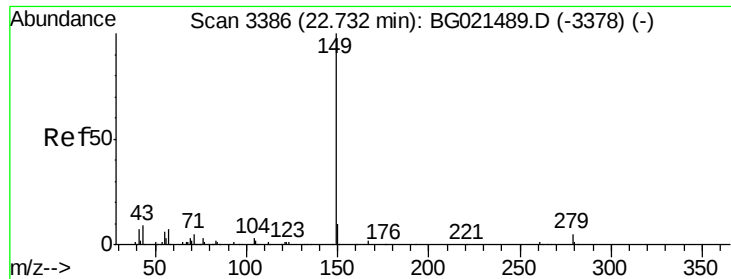


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

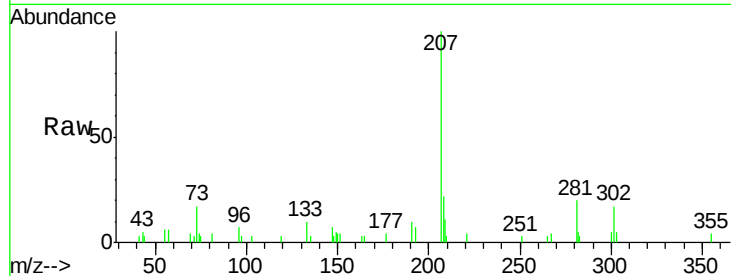




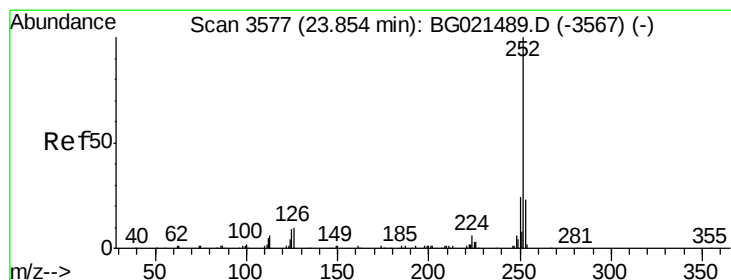
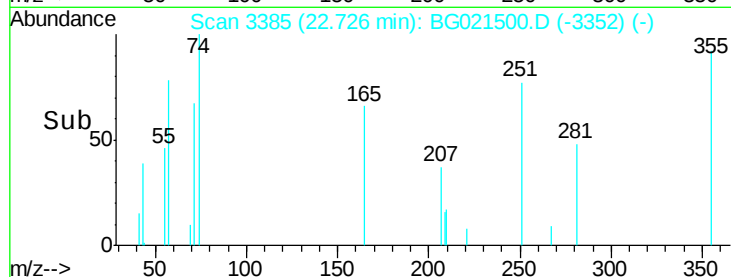
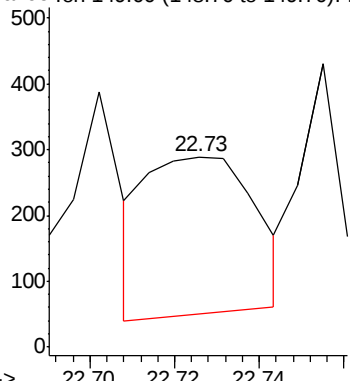
#87
Di-n-octyl phthalate
Concen: 10.01 ng/ul
RT: 22.73 min Scan# 3385
Delta R.T. -0.01 min
Lab File: BG021500.D
Acq: 25 Mar 2016 1:01

Instrument :
BNA_G
ClientSampleId :
A4T52

Tgt Ion:149 Resp: 432

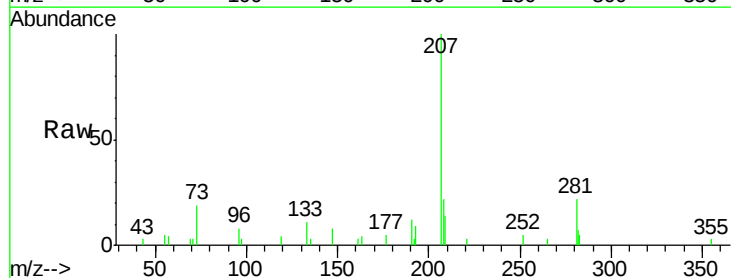


Abundance Ion 149.00 (148.70 to 149.70): E

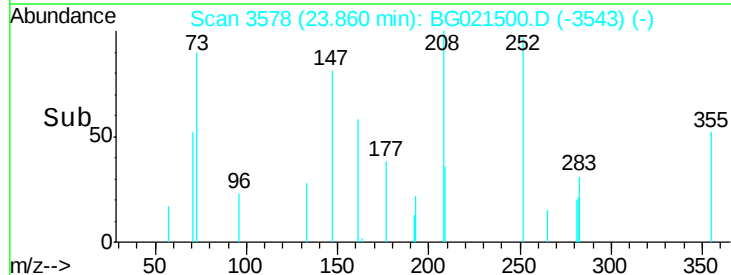
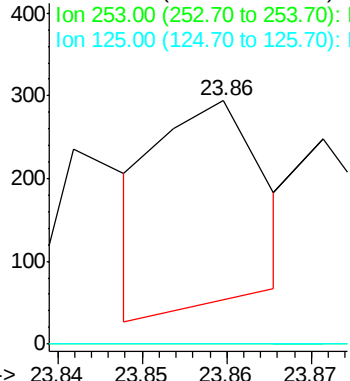


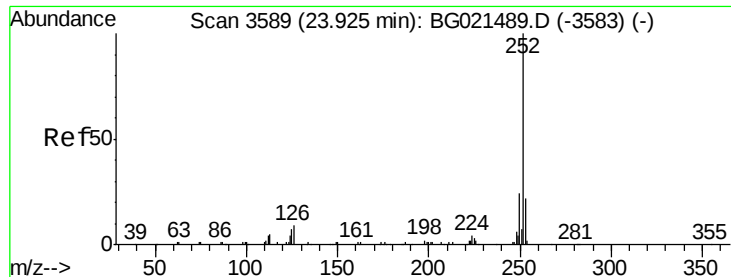
#88
Benzo(b)fluoranthene
Concen: 5.14 ng/ul
RT: 23.86 min Scan# 3578
Delta R.T. 0.01 min
Lab File: BG021500.D
Acq: 25 Mar 2016 1:01

Tgt Ion:252 Resp: 210
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 0.0 7.6 11.4#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 5.83 ng/ul

RT: 23.89 min Scan# 3584

Delta R.T. -0.03 min

Lab File: BG021500.D

Acq: 25 Mar 2016 1:01

Instrument :

BNA_G

ClientSampleId :

A4T52

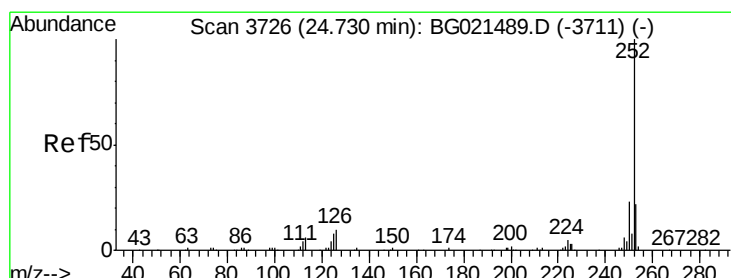
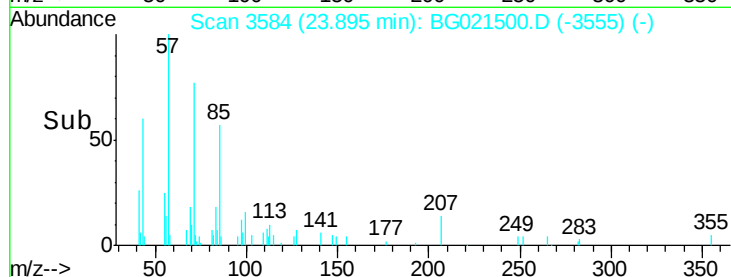
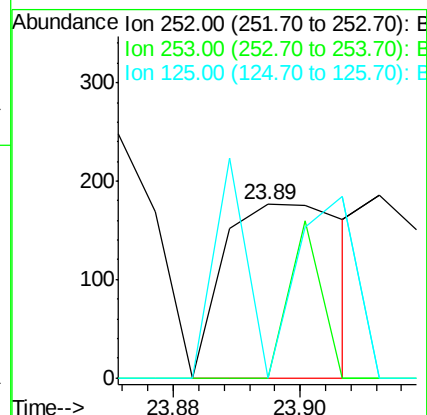
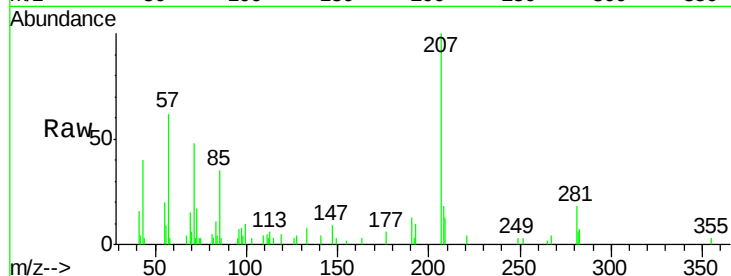
Tot Ion:252 Resp: 234

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 0.0 7.7 11.5#



#91

Benzo(a)pyrene

Concen: 13.04 ng/ul

RT: 24.73 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG021500.D

Acq: 25 Mar 2016 1:01

Tgt Ion:252 Resp: 517

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.0#

125 0.0 8.2 12.2#

