

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032516\
 Data File : BG021513.D
 Acq On : 25 Mar 2016 14:19
 Operator : UM/SJ
 Sample : H1909-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T47

Quant Time: Mar 25 23:30:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 23:28:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	73175	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	45863	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	99301	20.00	ng/ul	0.10
78) Chrysene-d12	21.74	240	132	20.00	ng/ul	0.07
86) Perylene-d12	24.90	264	111854	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	967	2.99	ng/uL	0.00
5) Phenol-d5	7.34	99	25182	18.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	16432	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	20738	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	21603	18.40	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	11161	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	12820	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	22082	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	32714	22.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	75679	19.82	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	95624	20.31	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	7254	11.88	ng/ul	0.03
58) Fluorene-d10	15.67	176	66534	19.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	59	0.09	ng/ul	0.04
71) Anthracene-d10	17.58	188	141	0.03	ng/ul	0.07
79) Pyrene-d10	19.86	212	170	27.62	ng/ul	0.07
90) Benzo(a)pyrene-d12	24.68	264	119935	23.23	ng/ul	0.02

Target Compounds

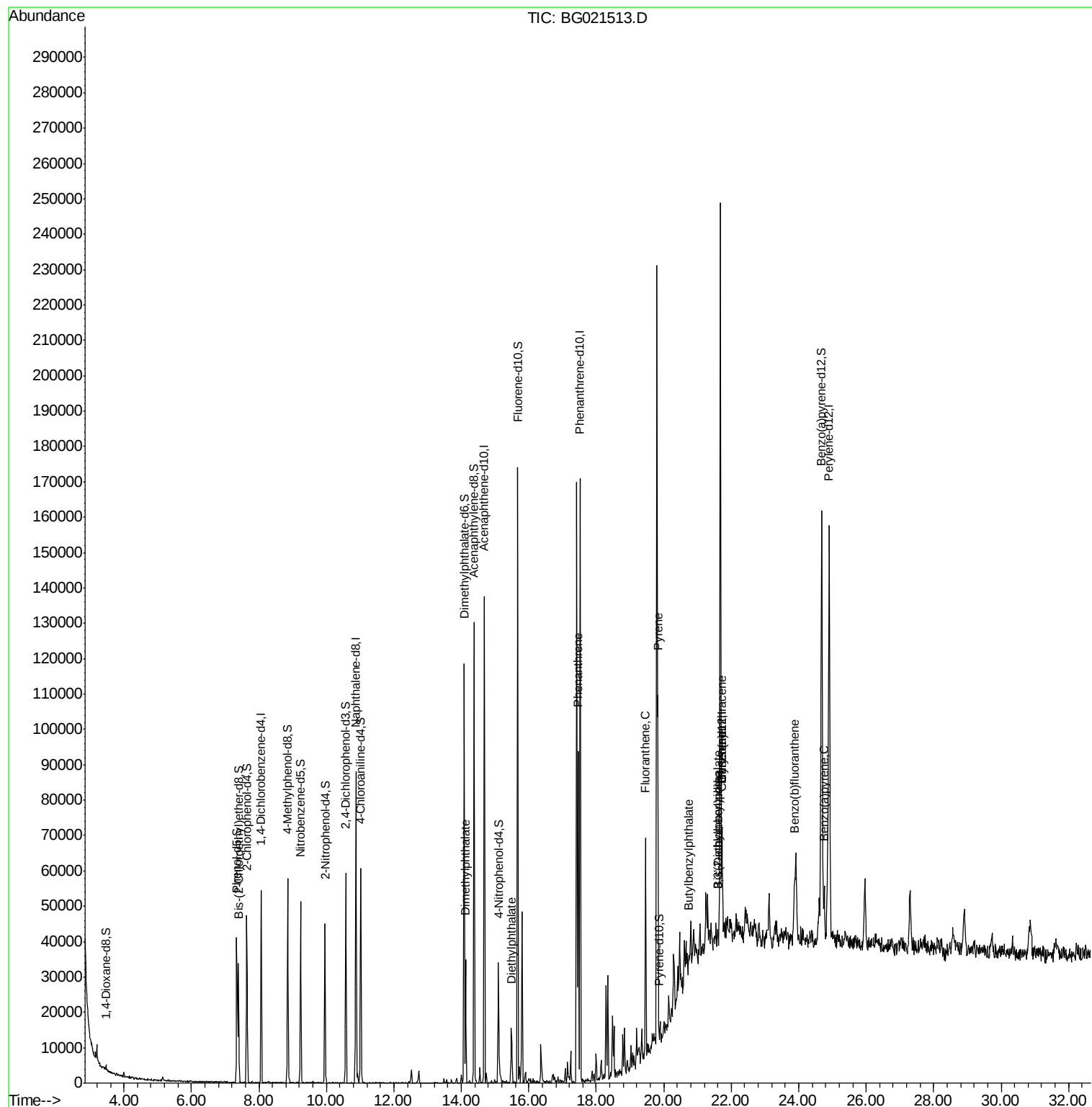
						Qvalue
45) Dimethylphthalate	14.13	163	20824	5.25	ng/ul	96
57) Diethylphthalate	15.48	149	7336	1.73	ng/ul	97
70) Phenanthrene	17.46	178	56877	10.11	ng/ul	98
77) Fluoranthene	19.46	202	35203	5.19	ng/ul	96
80) Pyrene	19.83	202	57640	7328.69	ng/ul	95
81) Butylbenzylphthalate	20.75	149	51	15.35	ng/ul#	75
82) 3,3'-Dichlorobenzidine	21.61	252	62	22.65	ng/ul#	25
83) Benzo(a)anthracene	21.72	228	19939	2502.31	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.61	149	51	10.50	ng/ul#	55
85) Chrysene	21.72	228	19939	2642.17	ng/ul	99
88) Benzo(b)fluoranthene	23.88	252	17927	2.50	ng/ul#	95
91) Benzo(a)pyrene	24.75	252	14793	2.12	ng/ul	98

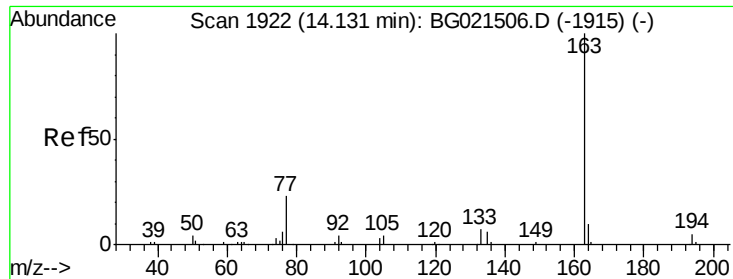
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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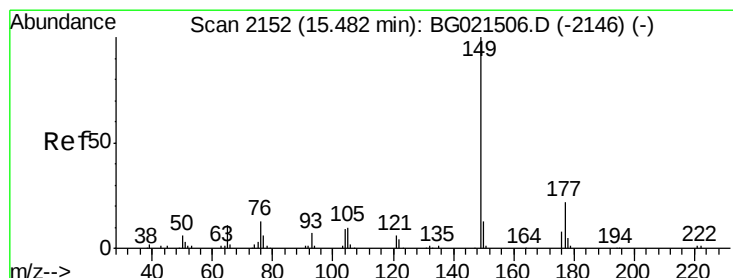
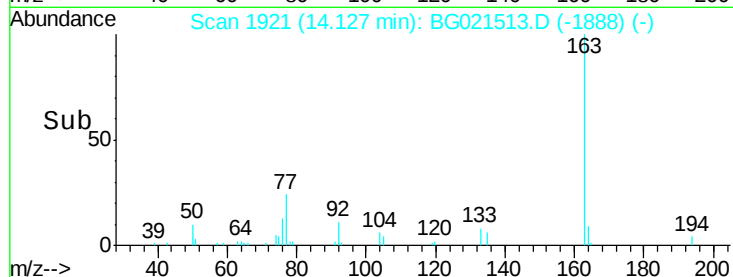
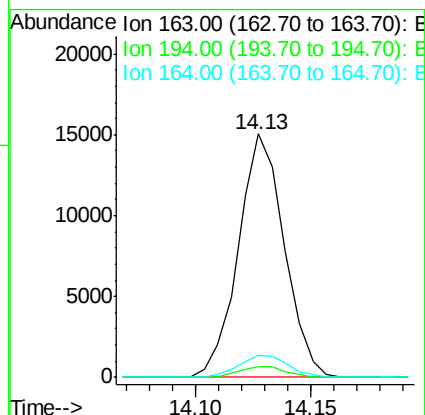
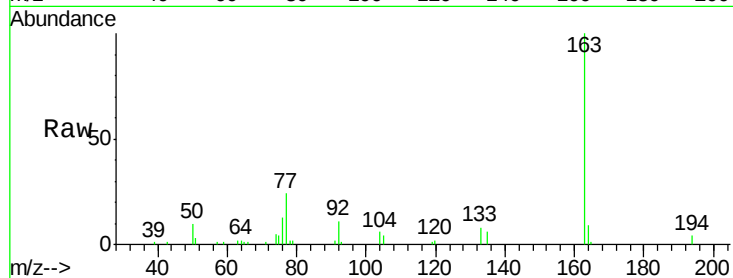




#45
Dimethylphthalate
Concen: 5.25 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG021513.D
Acq: 25 Mar 2016 14:19

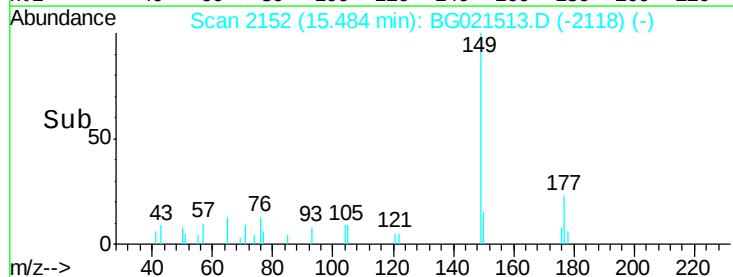
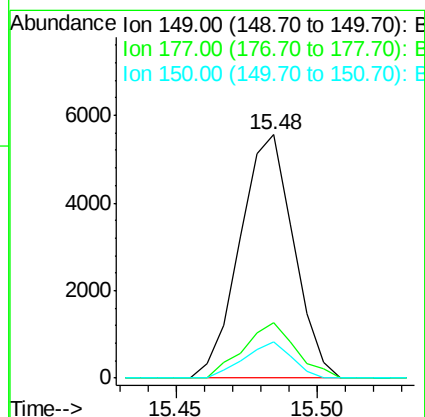
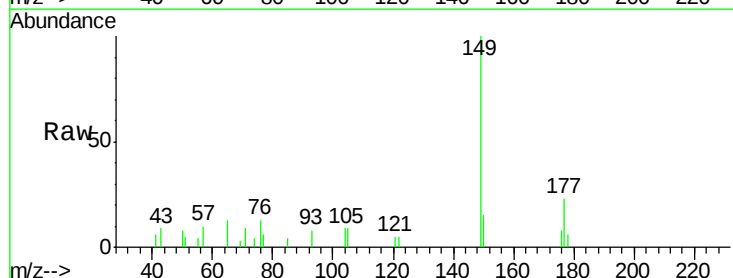
Instrument :
BNA_G
ClientSampleId :
A4T47

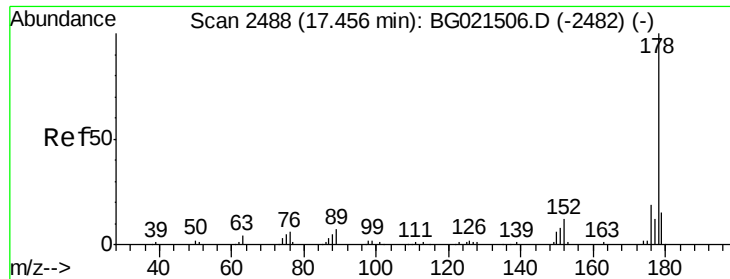
Tgt Ion:163 Resp: 20824
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 9.1 8.7 13.1



#57
Diethylphthalate
Concen: 1.73 ng/ul
RT: 15.48 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG021513.D
Acq: 25 Mar 2016 14:19

Tgt Ion:149 Resp: 7336
Ion Ratio Lower Upper
149 100
177 22.8 17.4 26.2
150 15.0 10.2 15.2





#70

Phenanthrene

Concen: 10.11 ng/ul

RT: 17.46 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BG021513.D

Acq: 25 Mar 2016 14:19

Instrument :

BNA_G

ClientSampleId :

A4T47

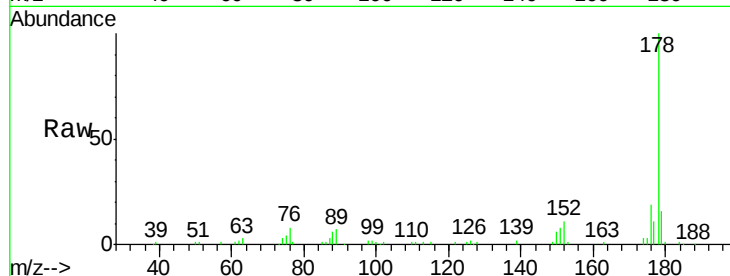
Tgt Ion:178 Resp: 56877

Ion Ratio Lower Upper

178 100

179 16.3 11.8 17.8

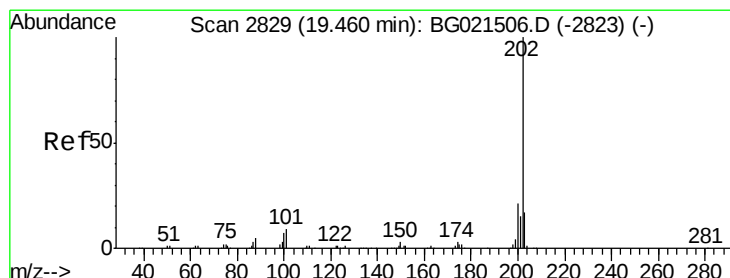
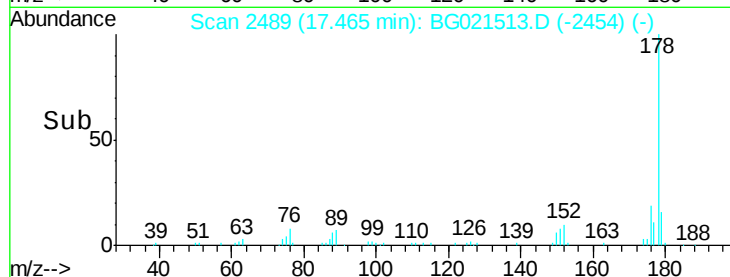
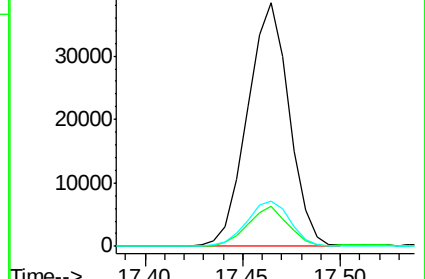
176 18.7 14.8 22.2



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



#77

Fluoranthene

Concen: 5.19 ng/ul

RT: 19.46 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG021513.D

Acq: 25 Mar 2016 14:19

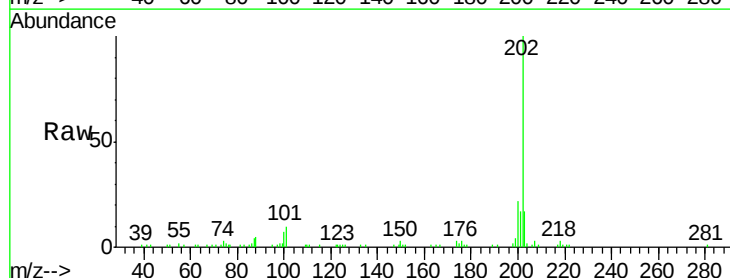
Tgt Ion:202 Resp: 35203

Ion Ratio Lower Upper

202 100

101 9.8 8.9 13.3

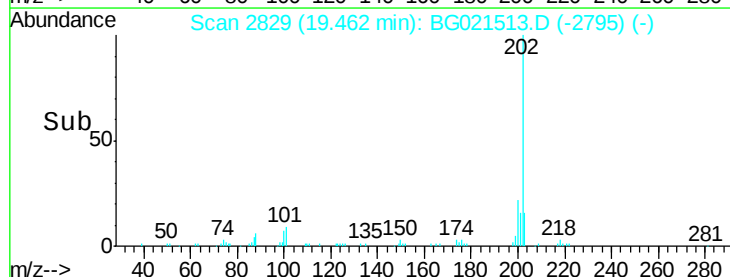
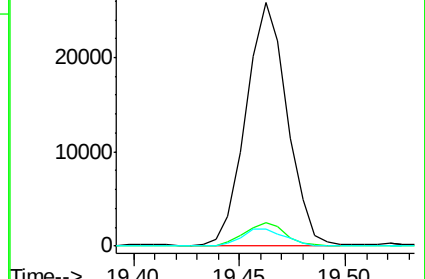
100 7.1 7.0 10.4

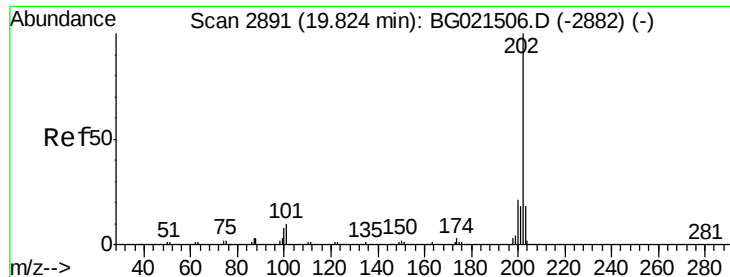


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

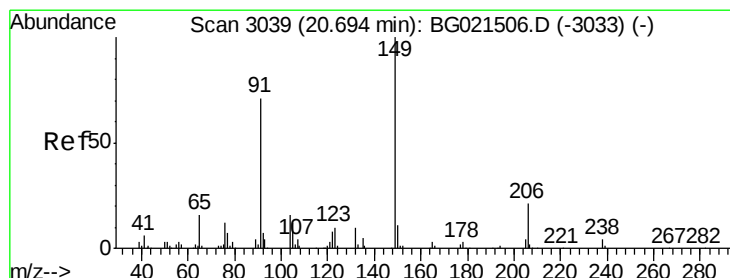
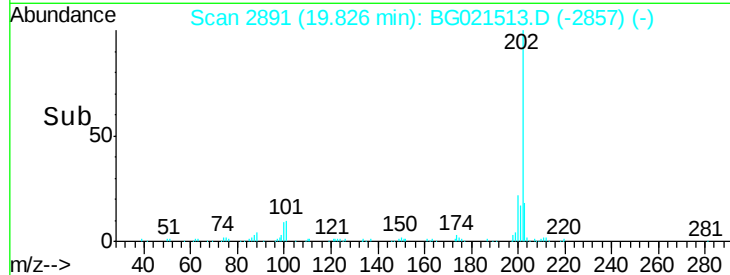
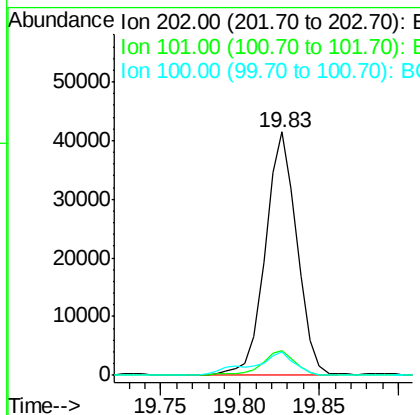
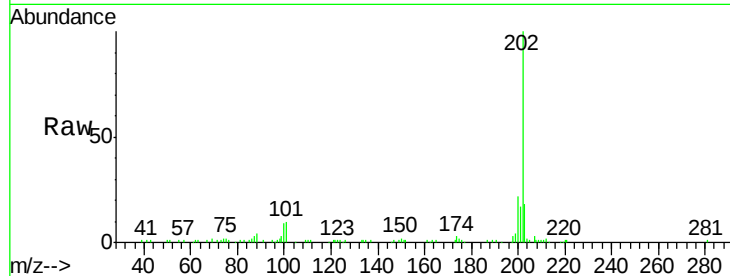




#80
 Pyrene
 Concen: 7328.69 ng/ul
 RT: 19.83 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG021513.D
 Acq: 25 Mar 2016 14:19

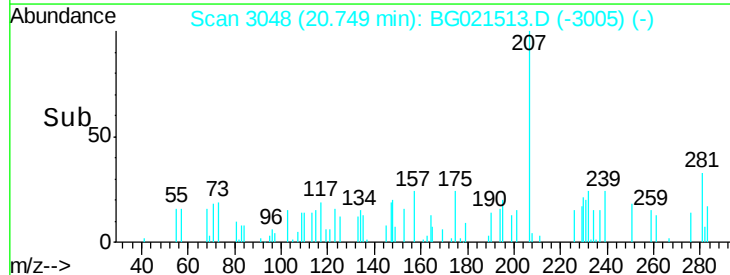
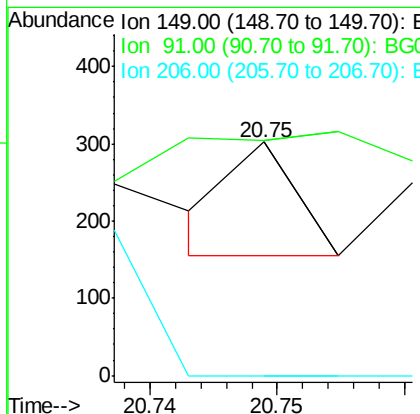
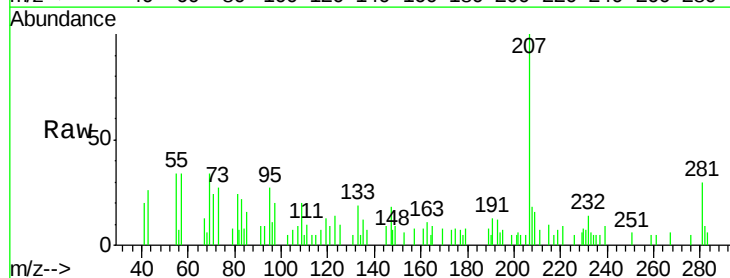
Instrument :
 BNA_G
 ClientSampled :
 A4T47

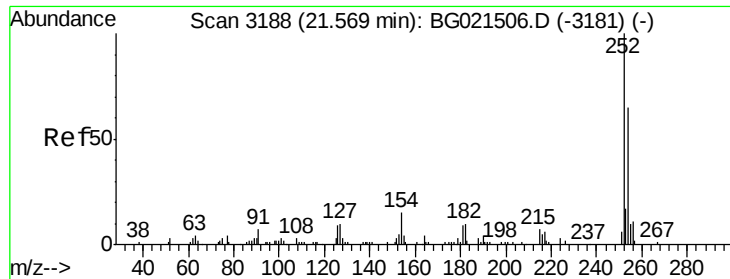
Tgt Ion: 202 Resp: 57640
 Ion Ratio Lower Upper
 202 100
 101 10.4 9.8 14.8
 100 9.4 9.3 13.9



#81
 Butylbenzylphthalate
 Concen: 15.35 ng/ul
 RT: 20.75 min Scan# 3048
 Delta R.T. 0.06 min
 Lab File: BG021513.D
 Acq: 25 Mar 2016 14:19

Tgt Ion: 149 Resp: 51
 Ion Ratio Lower Upper
 149 100
 91 100.7 65.8 98.8#
 206 0.0 15.5 23.3#





#82

3,3'-Dichlorobenzidine

Concen: 22.65 ng/ul

RT: 21.61 min Scan# 3195

Delta R.T. 0.04 min

Lab File: BG021513.D

Acq: 25 Mar 2016 14:19

Instrument :

BNA_G

ClientSampleId :

A4T47

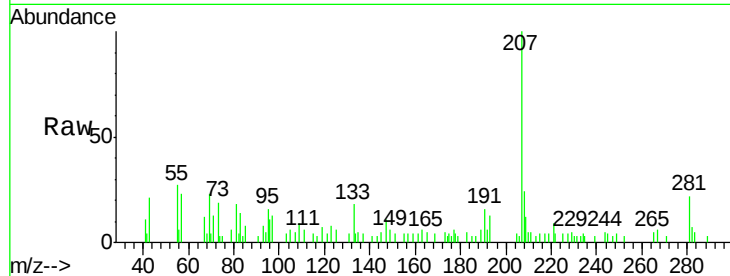
Tgt Ion:252 Resp: 62

Ion Ratio Lower Upper

252 100

254 0.0 52.8 79.2#

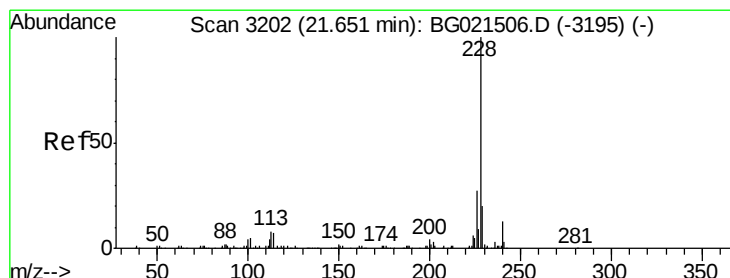
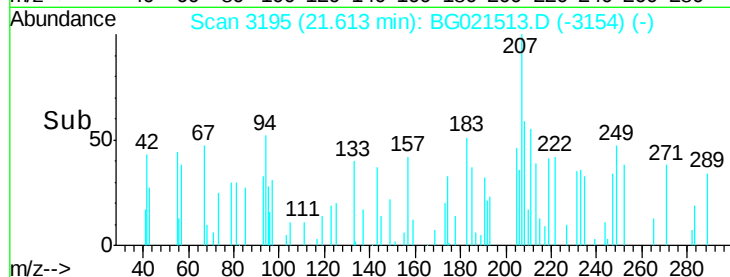
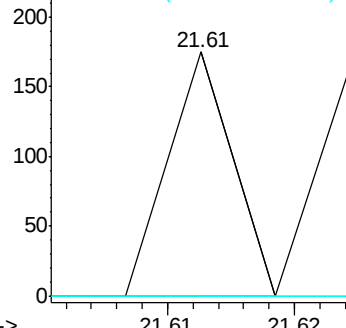
126 0.0 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 2502.31 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. 0.07 min

Lab File: BG021513.D

Acq: 25 Mar 2016 14:19

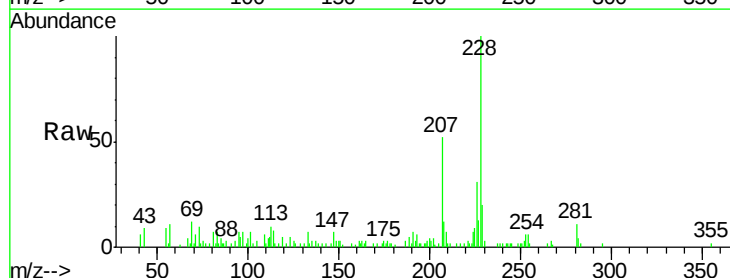
Tgt Ion:228 Resp: 19939

Ion Ratio Lower Upper

228 100

229 20.2 16.6 25.0

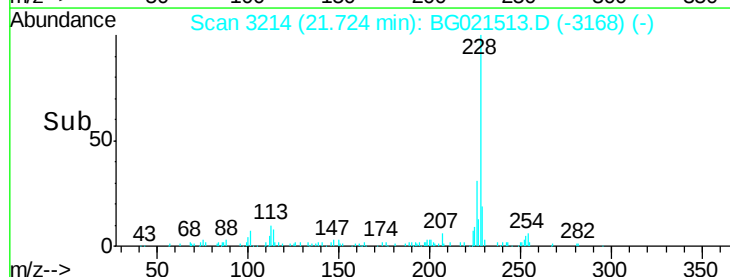
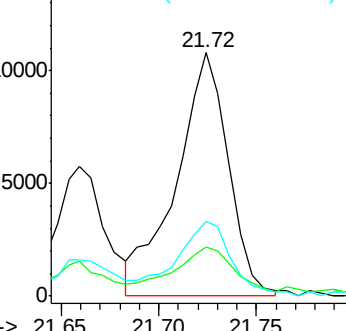
226 30.6 21.0 31.4

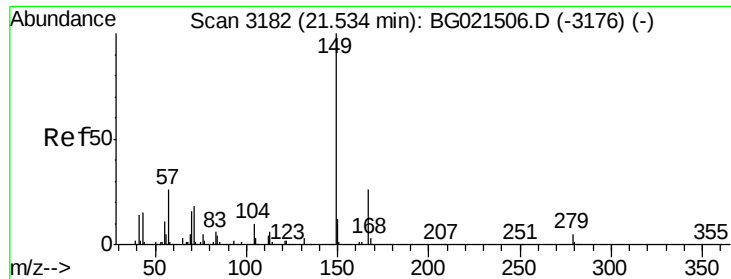


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

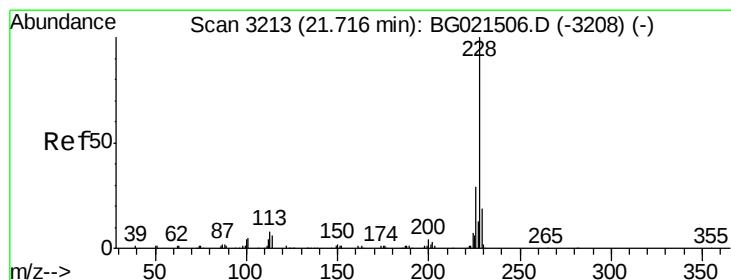
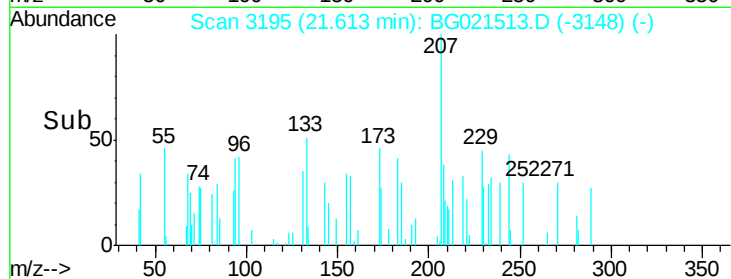
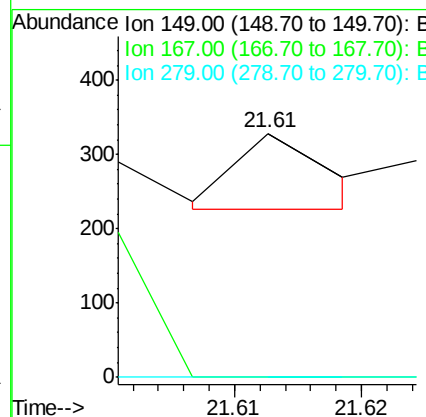
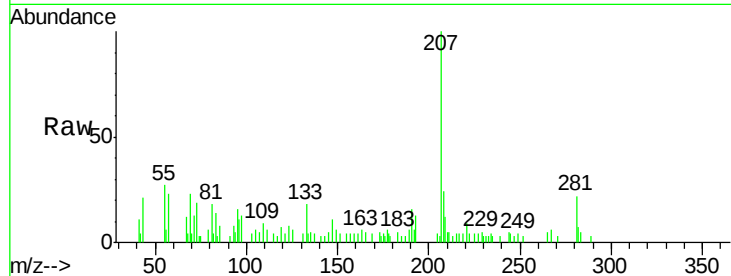




#84
Bis(2-ethylhexyl)phthalate
Concen: 10.50 ng/ul
RT: 21.61 min Scan# 3195
Delta R.T. 0.08 min
Lab File: BG021513.D
Acq: 25 Mar 2016 14:19

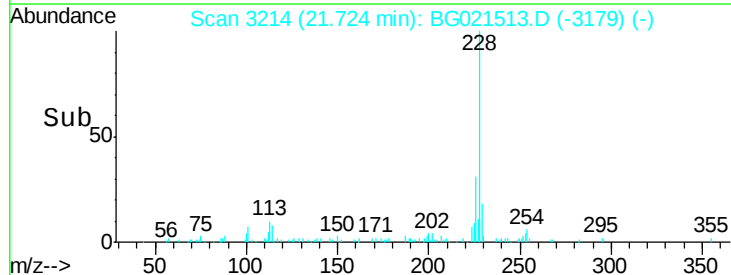
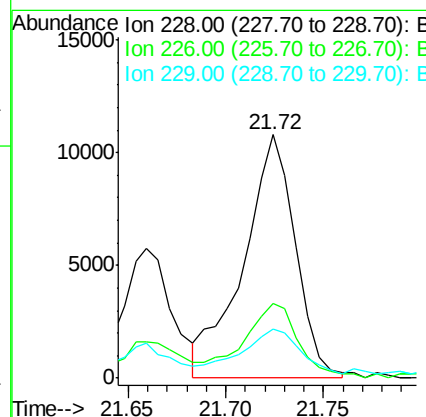
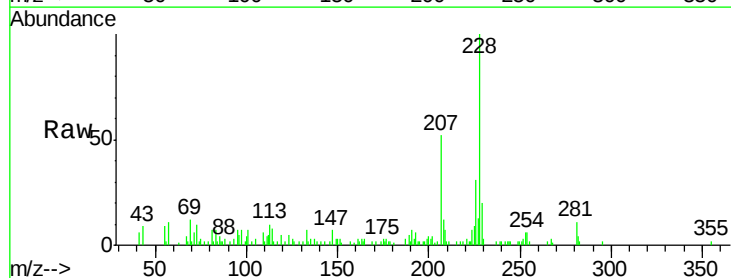
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ClientSampleId :
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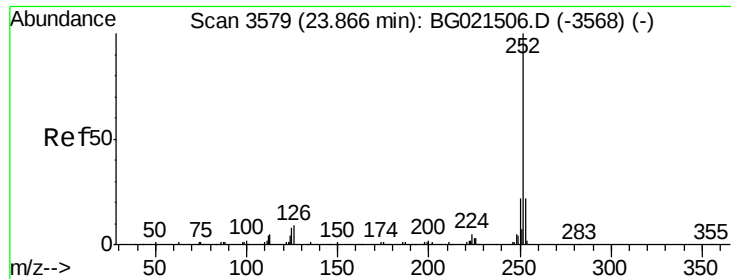
Tgt Ion:149 Resp: 51
Ion Ratio Lower Upper
149 100
167 0.0 20.5 30.7#
279 0.0 3.7 5.5#



#85
Chrysene
Concen: 2642.17 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BG021513.D
Acq: 25 Mar 2016 14:19

Tgt Ion:228 Resp: 19939
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.2
229 20.2 16.2 24.2

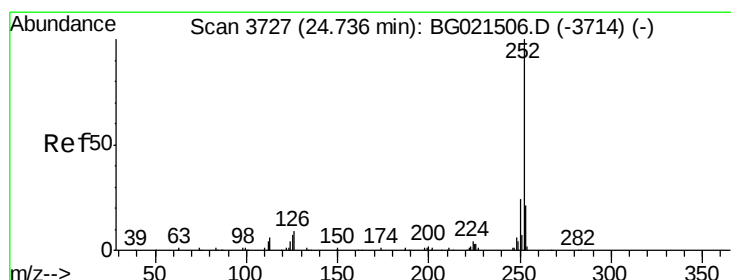
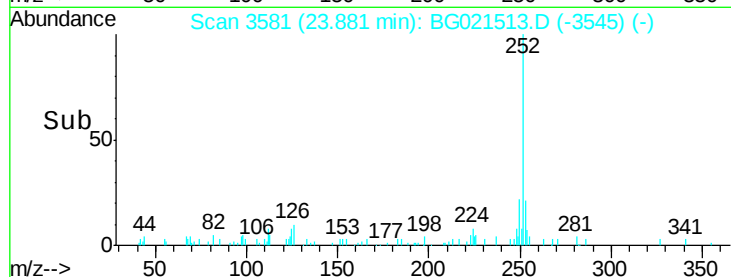
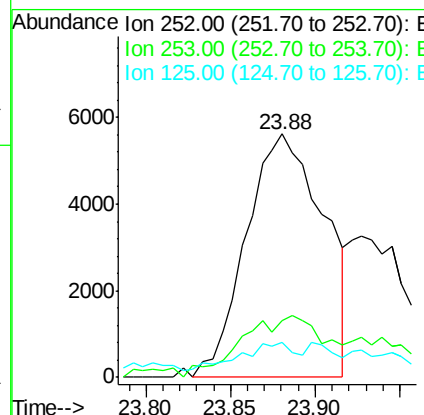
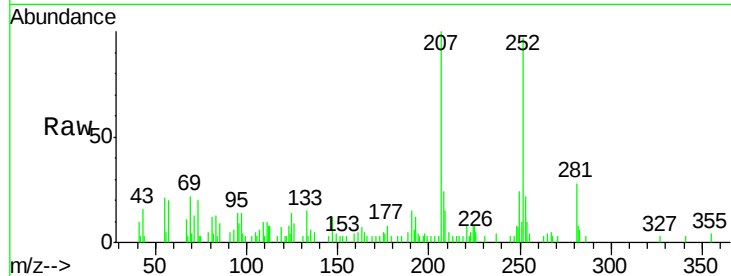




#88
Benzo(b)fluoranthene
Concen: 2.50 ng/ul
RT: 23.88 min Scan# 3581
Delta R.T. 0.01 min
Lab File: BG021513.D
Acq: 25 Mar 2016 14:19

Instrument :
BNA_G
ClientSampleId :
A4T47

Tgt Ion:252 Resp: 17927
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 14.5 7.6 11.4#



#91
Benzo(a)pyrene
Concen: 2.12 ng/ul
RT: 24.75 min Scan# 3729
Delta R.T. 0.01 min
Lab File: BG021513.D
Acq: 25 Mar 2016 14:19

Tgt Ion:252 Resp: 14793
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 11.5 8.2 12.2

