

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021499.D
 Acq On : 25 Mar 2016 00:22
 Operator : UM/SJ
 Sample : H1909-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T51

Quant Time: Mar 25 01:52:21 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	10.88	136	1143	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	703	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	1708	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	2347	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	2378	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	472	0.00	ng/uL	0.00
5) Phenol-d5	7.34	99	16911	0.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	10264	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	13134	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	14459	0.00	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	7153	834.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	7330	747.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	14139	806.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	17698	772.60	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	50682	865.83	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	62082	860.41	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	3818	408.06	ng/ul	0.02
58) Fluorene-d10	15.66	176	46168	874.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	5750	509.58	ng/ul	0.00
71) Anthracene-d10	17.51	188	69920	835.37	ng/ul	0.00
79) Pyrene-d10	19.79	212	78854	720.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	82094	747.99	ng/ul	0.00

Target Compounds

						Ovalue
21) Isophorone	9.95	82	853	18.27	ng/ul#	69
28) Naphthalene	10.92	128	7689	126.88	ng/ul	98
30) 4-Chloroaniline	10.92	127	930	38.68	ng/ul#	34
34) 2-Methylnaphthalene	12.51	142	4152	92.32	ng/ul	94
35) 1-Methylnaphthalene	12.73	142	3609	82.70	ng/ul#	89
41) 1,1'-Biphenyl	13.51	154	1462	25.42	ng/ul	90
45) Dimethylphthalate	14.12	163	23833	391.84	ng/ul	98
48) Acenaphthylene	14.41	152	648	9.06	ng/ul#	56
50) Acenaphthene	14.74	153	14103	286.02	ng/ul	96
54) Dibenzofuran	15.08	168	12115	175.39	ng/ul	94
55) 2,4-Dinitrotoluene	14.98	165	343	18.85	ng/ul#	24
57) Diethylphthalate	15.48	149	468	7.20	ng/ul#	59
59) Fluorene	15.72	166	15700	259.96	ng/ul	95
61) 4-Nitroaniline	15.72	138	125	10.39	ng/ul#	1
65) N-Nitrosodiphenylamine	15.92	169	386	7.30	ng/ul#	1
70) Phenanthrene	17.46	178	224945	2325.61	ng/ul	96
72) Anthracene	17.55	178	46757	475.08	ng/ul	97
75) Carbazole	17.83	167	15118	177.55	ng/ul	96
76) Di-n-butylphthalate	18.36	149	8561	77.93	ng/ul	96
77) Fluoranthene	19.46	202	249203	2134.88	ng/ul#	94
80) Pyrene	19.82	202	226769	1621.61	ng/ul#	94
81) Butylbenzylphthalate	20.68	149	120	2.03	ng/ul#	18
82) 3,3'-Dichlorobenzidine	21.42	252	383	7.87	ng/ul#	25

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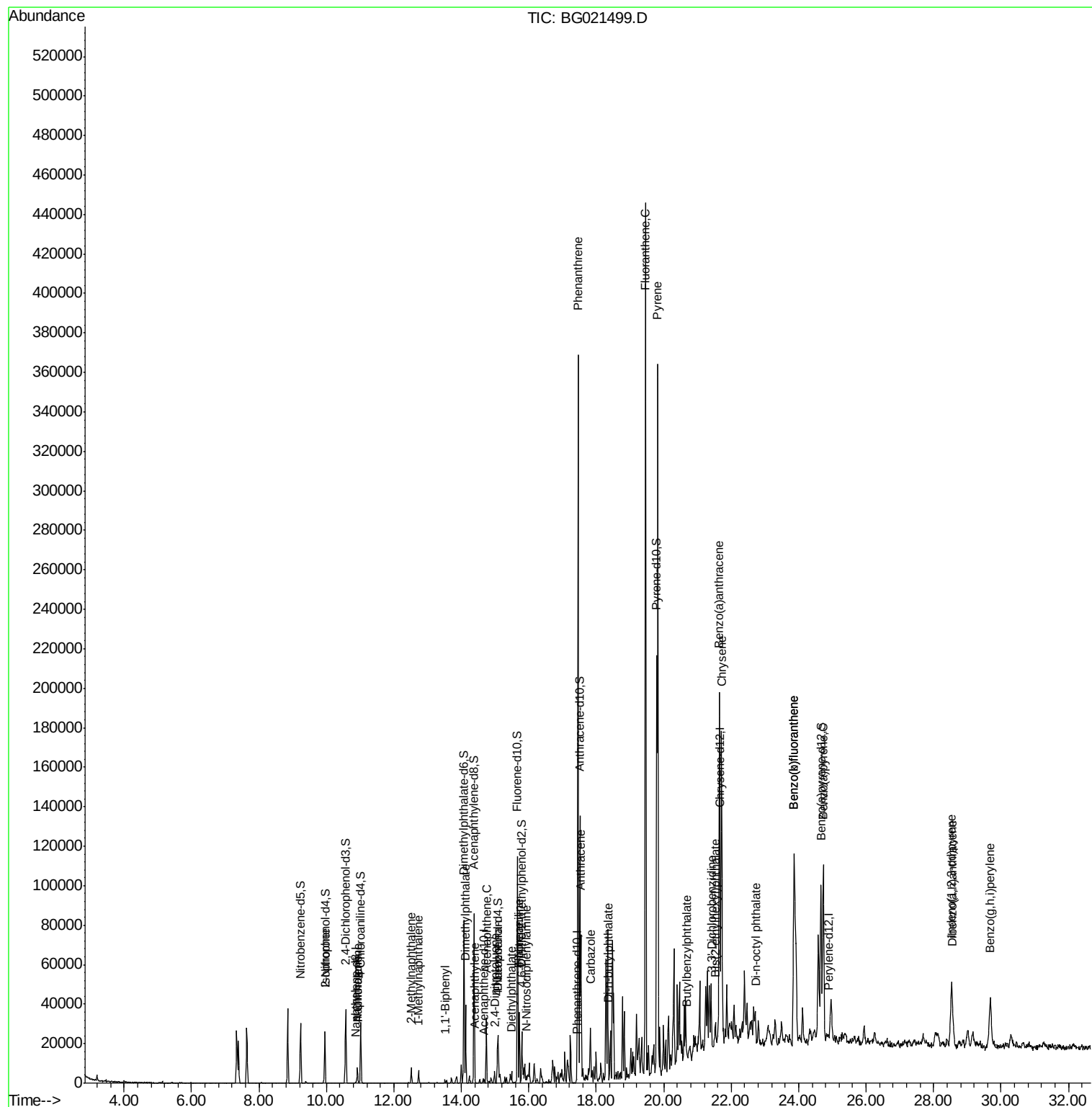
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Benzo(a)anthracene	21.65	228	111268	785.36	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	864	10.00	ng/ul#	64
85) Chrysene	21.72	228	105391	785.46	ng/ul	98
87) Di-n-octyl phthalate	22.74	149	197	1.22	ng/ul	100
88) Benzo(b)fluoranthene	23.86	252	114670	750.71	ng/ul	98
89) Benzo(k)fluoranthene	23.86	252	114670	764.24	ng/ul	98
91) Benzo(a)pyrene	24.73	252	90387	609.55	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.53	276	51884	307.87	ng/ul#	93
93) Dibenzo(a,h)anthracene	28.56	278	8763	61.12	ng/ul	98
94) Benzo(a,h,i)perylene	29.68	276	47916	345.76	ng/ul	98

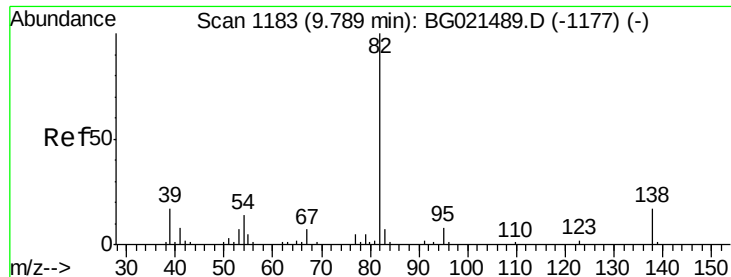
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

Isophorone

Concen: 18.27 ng/ul

RT: 9.95 min Scan# 1211

Delta R.T. 0.16 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

Instrument :

BNA_G

ClientSampleId :

A4T51

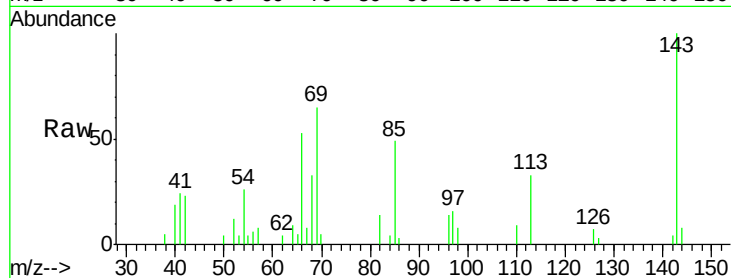
Tot Ion: 82 Resp: 853

Ion Ratio Lower Upper

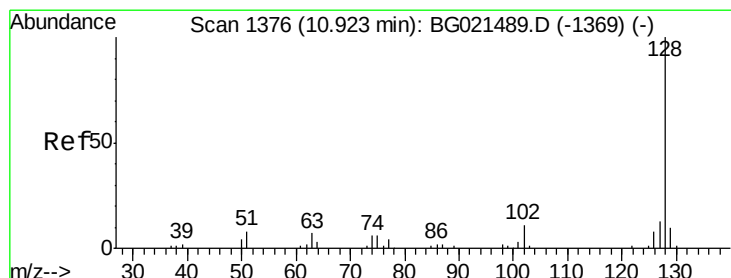
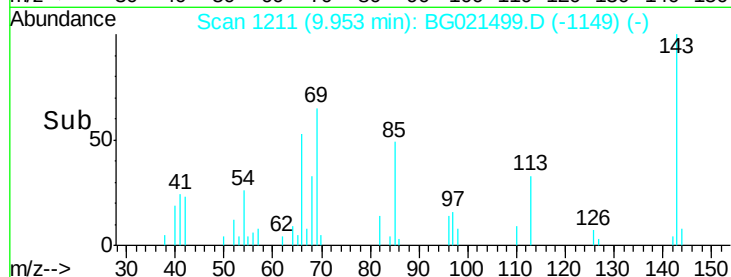
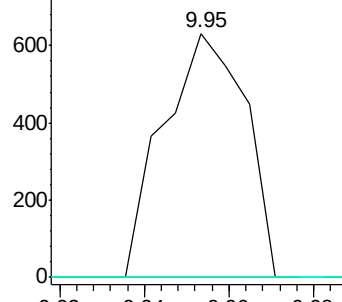
82 100

95 0.0 5.8 8.8#

138 0.0 12.2 18.2#



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



#28

Naphthalene

Concen: 126.88 ng/ul

RT: 10.92 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

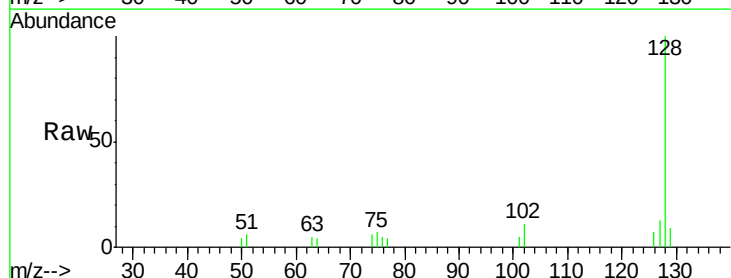
Tgt Ion:128 Resp: 7689

Ion Ratio Lower Upper

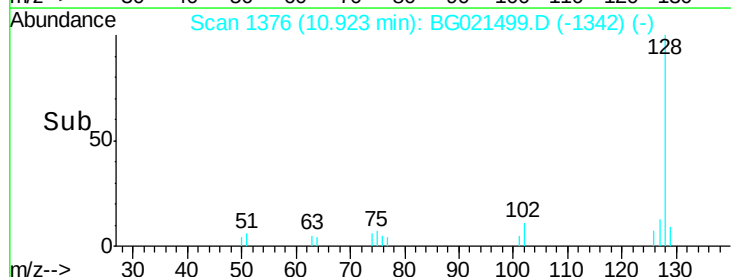
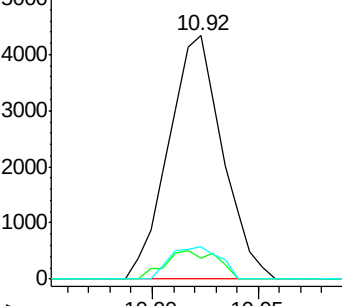
128 100

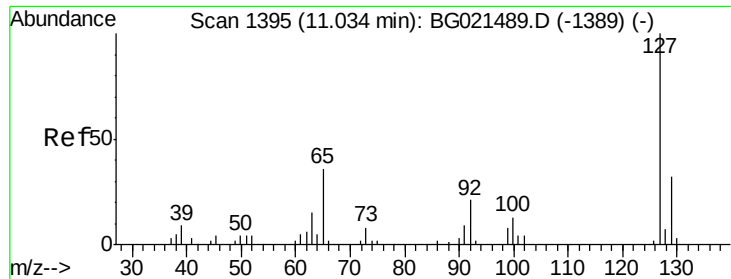
129 8.8 8.3 12.5

127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

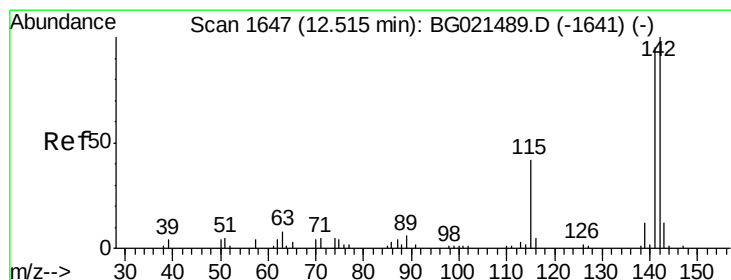
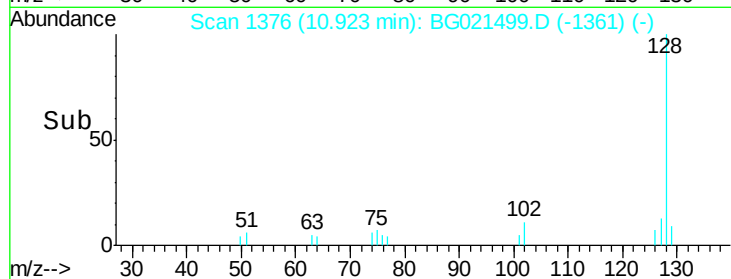
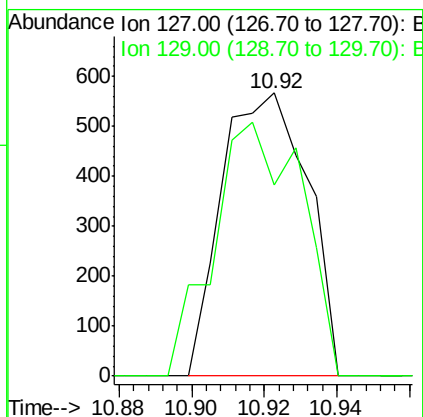
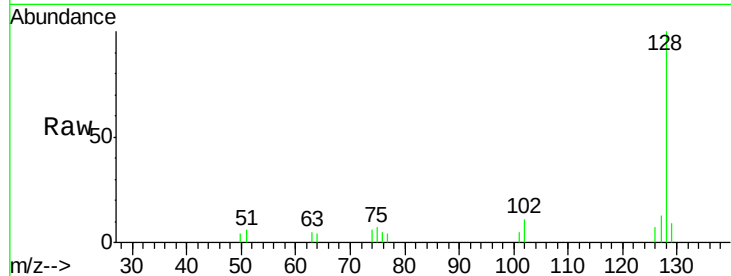




#30
 4-Chloroaniline
 Concen: 38.68 ng/ul
 RT: 10.92 min Scan# 1376
 Delta R.T. -0.11 min
 Lab File: BG021499.D
 Acq: 25 Mar 2016 00:22

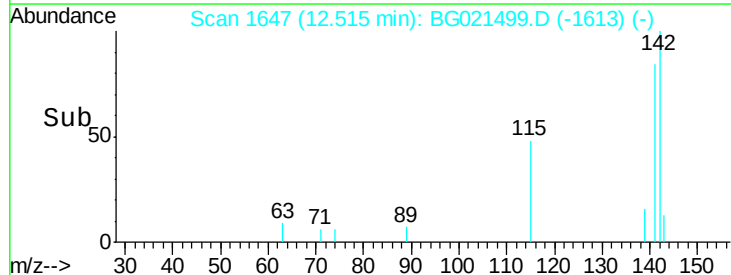
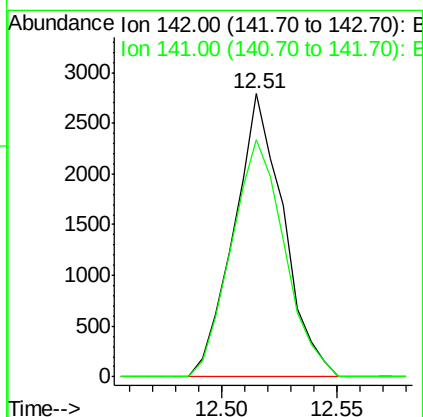
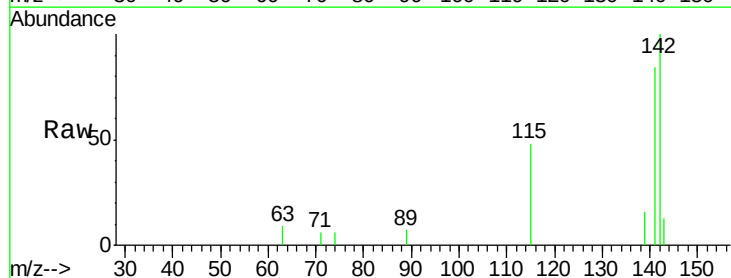
Instrument :
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 A4T51

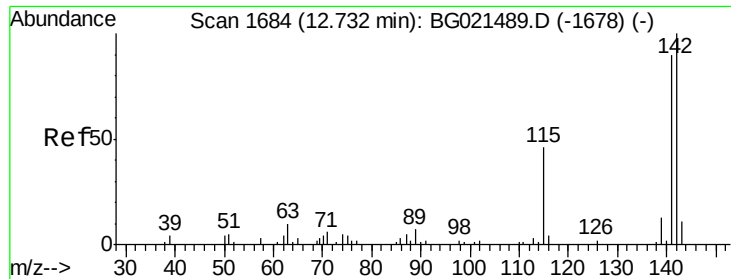
Tot Ion:127 Resp: 930
 Ion Ratio Lower Upper
 127 100
 129 67.5 24.8 37.2#



#34
 2-Methylnaphthalene
 Concen: 92.32 ng/ul
 RT: 12.51 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BG021499.D
 Acq: 25 Mar 2016 00:22

Tgt Ion:142 Resp: 4152
 Ion Ratio Lower Upper
 142 100
 141 83.7 71.3 106.9

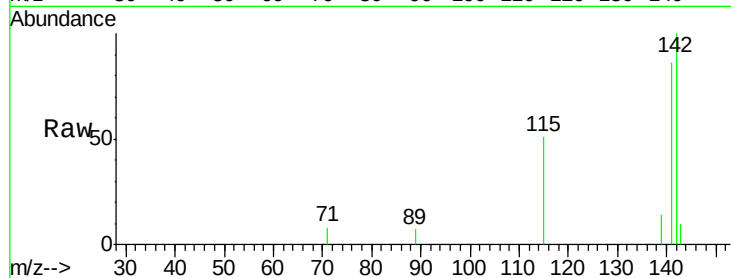




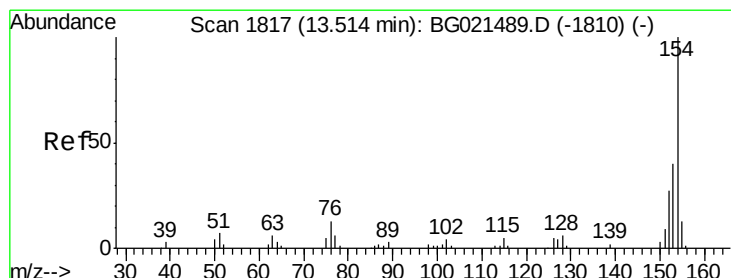
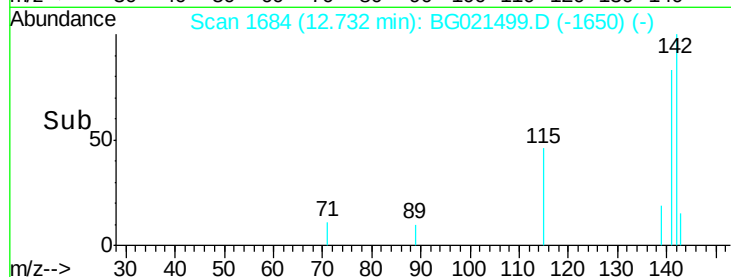
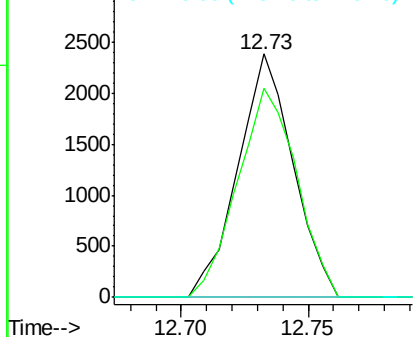
#35
 1-Methylnaphthalene
 Concen: 82.70 ng/ul
 RT: 12.73 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BG021499.D
 Acq: 25 Mar 2016 00:22

Instrument :
 BNA_G
 ClientSampleId :
 A4T51

Tot Ion:142 Resp: 3609
 Ion Ratio Lower Upper
 142 100
 141 86.0 77.0 115.4
 116 0.0 4.2 6.4#

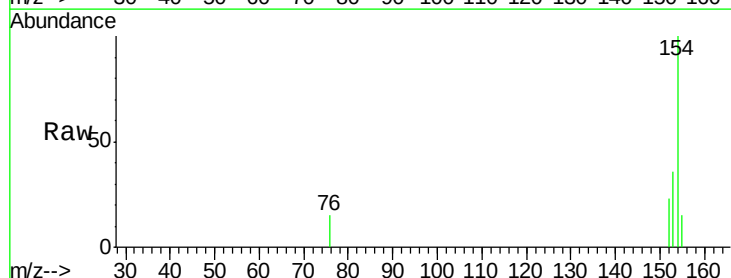


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

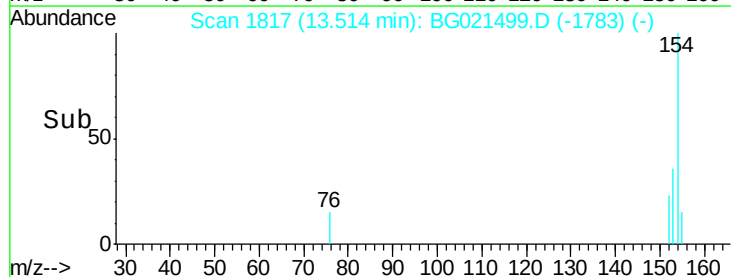
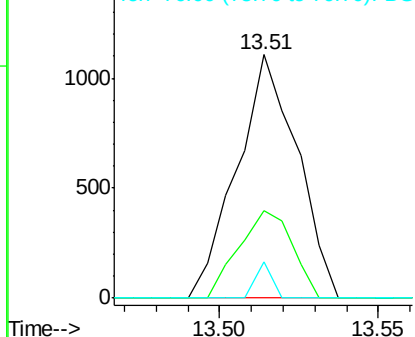


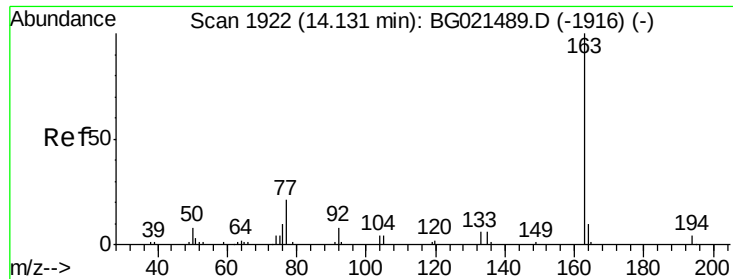
#41
 1,1'-Biphenyl
 Concen: 25.42 ng/ul
 RT: 13.51 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG021499.D
 Acq: 25 Mar 2016 00:22

Tgt Ion:154 Resp: 1462
 Ion Ratio Lower Upper
 154 100
 153 36.0 35.4 53.2
 76 15.1 12.1 18.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG





#45

Dimethylphthalate

Concen: 391.84 ng/ul

RT: 14.12 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

Instrument :

BNA_G

ClientSampleId :

A4T51

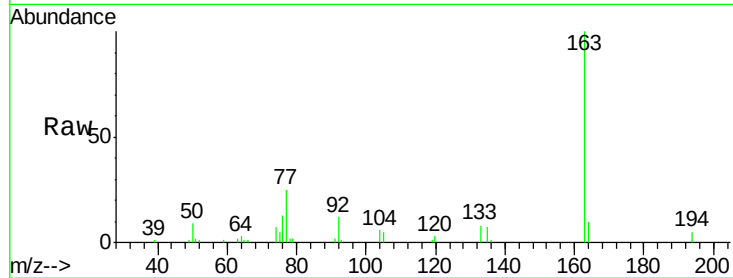
Tot Ion:163 Resp: 23833

Ion Ratio Lower Upper

163 100

194 5.4 3.9 5.9

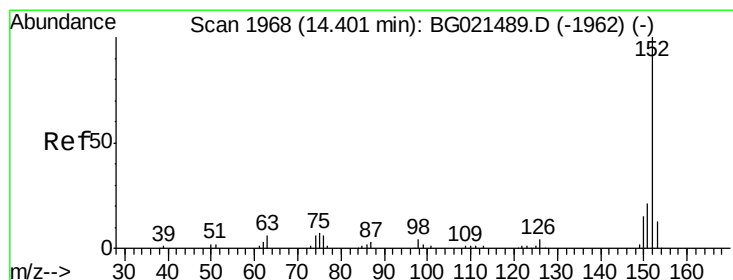
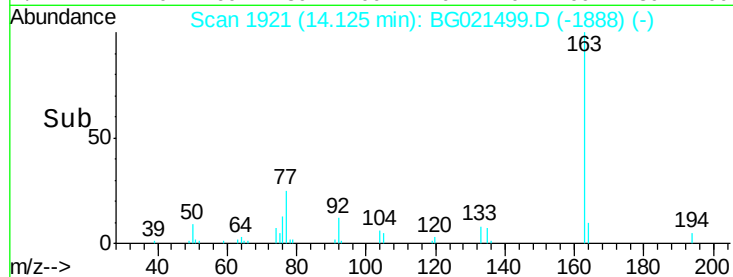
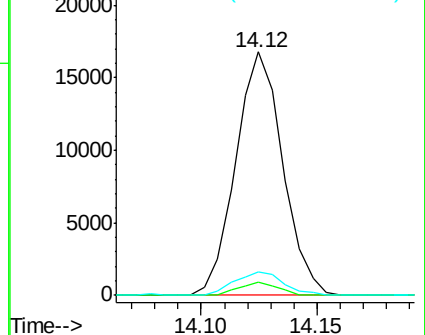
164 9.9 8.7 13.1



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



#48

Acenaphthylene

Concen: 9.06 ng/ul

RT: 14.41 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

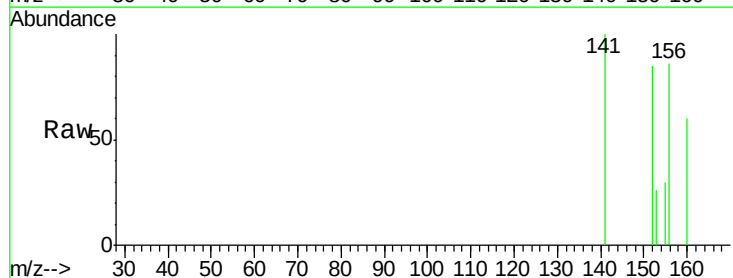
Tgt Ion:152 Resp: 648

Ion Ratio Lower Upper

152 100

151 0.0 17.3 25.9#

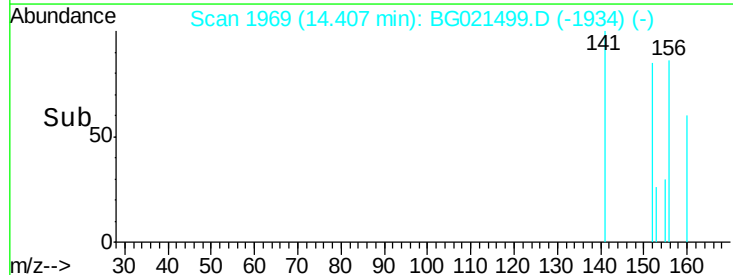
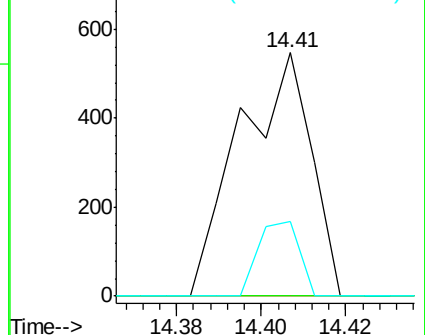
153 30.7 11.1 16.7#

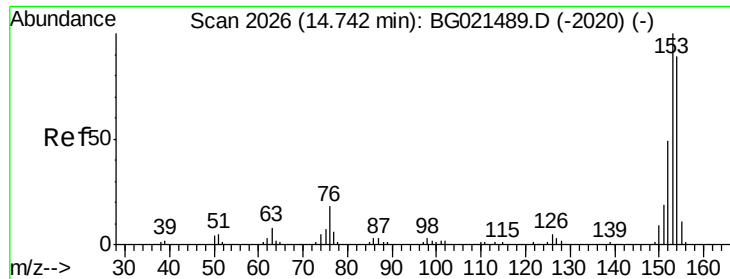


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 286.02 ng/ul

RT: 14.74 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BG021499.D

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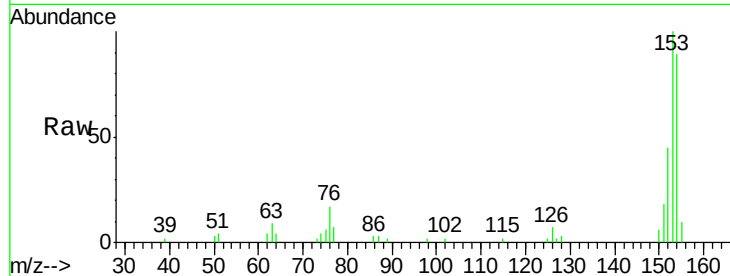
Tot Ion:153 Resp: 14103

Ion Ratio Lower Upper

153 100

152 44.5 36.5 54.7

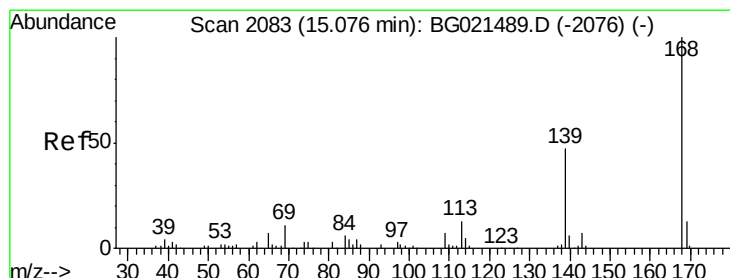
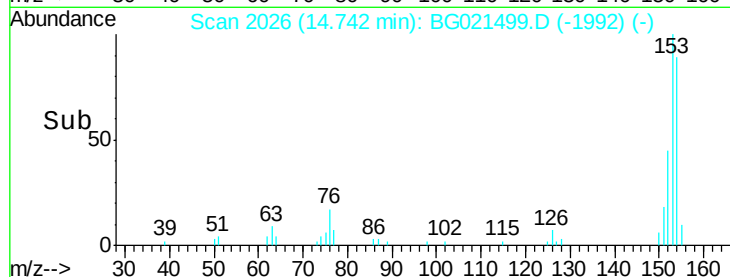
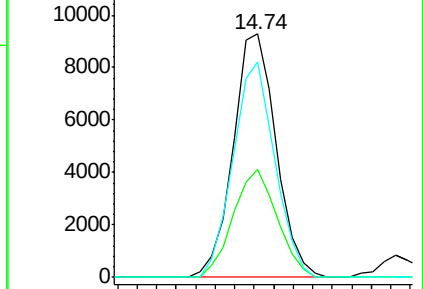
154 88.7 67.3 100.9



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

Dibenzofuran

Concen: 175.39 ng/ul

RT: 15.08 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BG021499.D

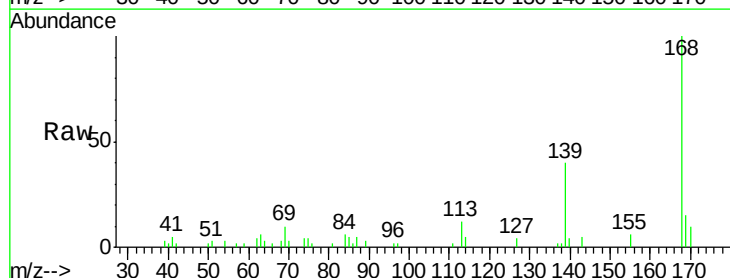
Acq: 25 Mar 2016 00:22

Tgt Ion:168 Resp: 12115

Ion Ratio Lower Upper

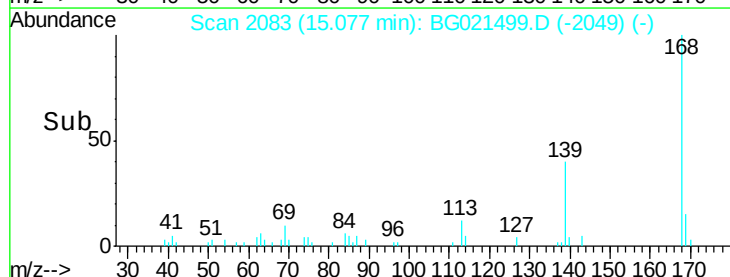
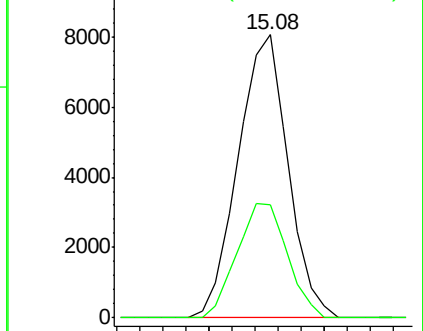
168 100

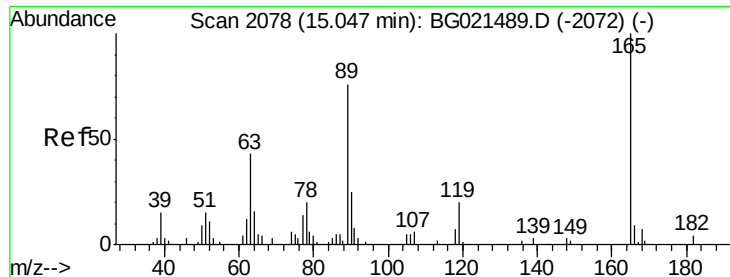
139 39.9 35.2 52.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#55

2,4-Dinitrotoluene

Concen: 18.85 ng/ul

RT: 14.98 min Scan# 2067

Delta R.T. -0.06 min

Lab File: BG021499.D

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ClientSampled :

A4T51

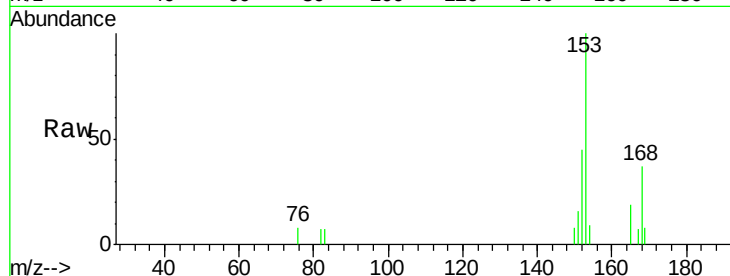
Tot Ion:165 Resp: 343

Ion Ratio Lower Upper

165 100

63 0.0 48.1 72.1#

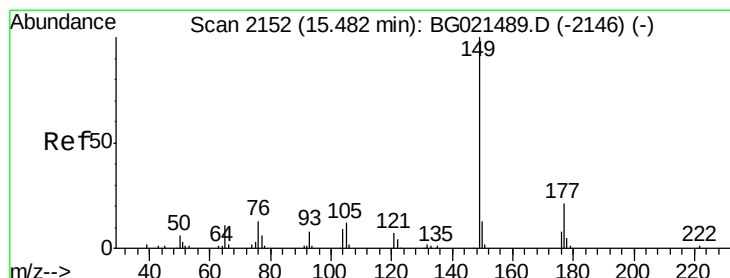
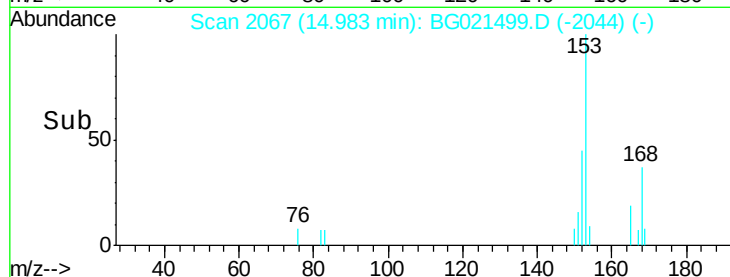
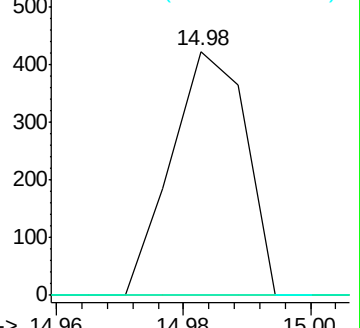
182 0.0 2.2 3.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Diethylphthalate

Concen: 7.20 ng/ul

RT: 15.48 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

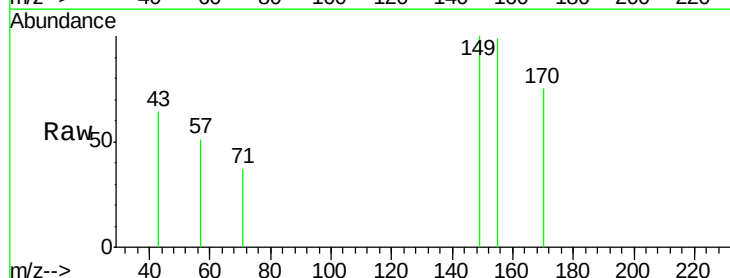
Tgt Ion:149 Resp: 468

Ion Ratio Lower Upper

149 100

177 0.0 17.4 26.2#

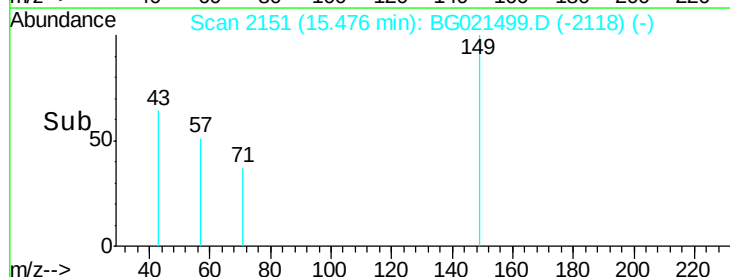
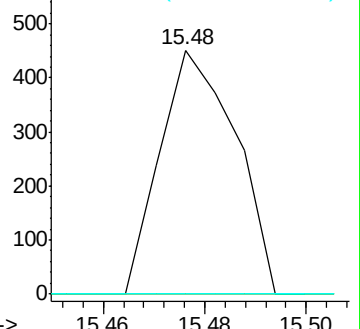
150 0.0 10.2 15.2#

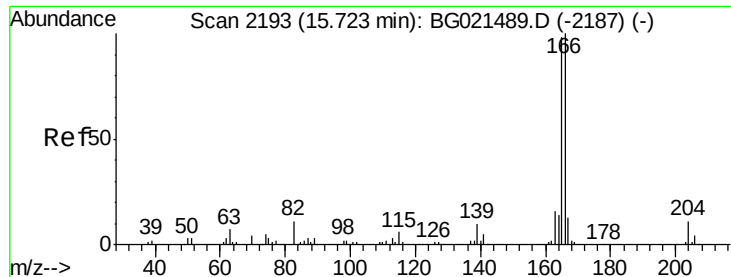


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

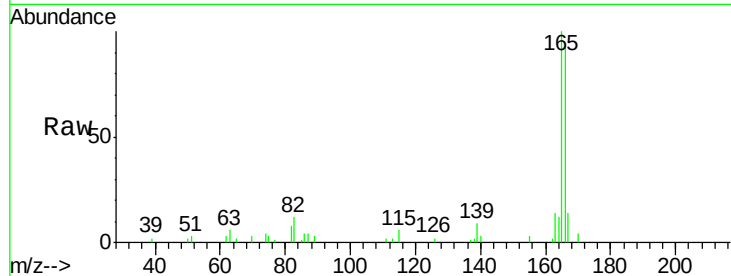




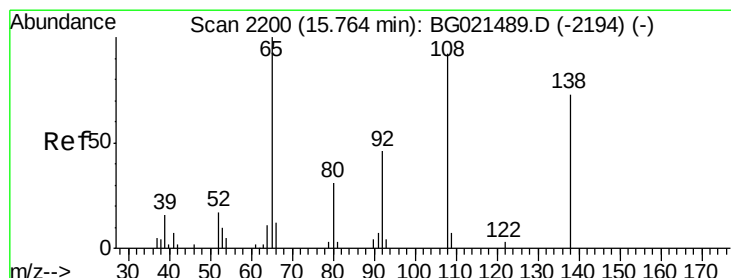
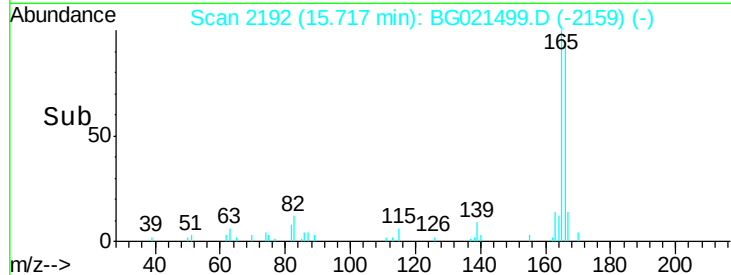
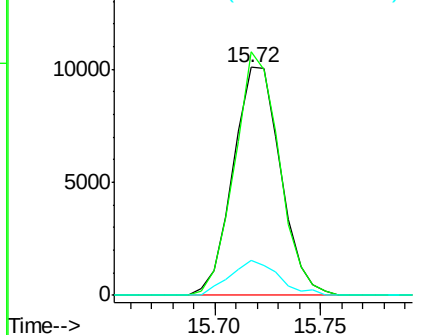
#59
 Fluorene
 Concen: 259.96 ng/ul
 RT: 15.72 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG021499.D
 Acq: 25 Mar 2016 00:22

Instrument :
 BNA_G
 ClientSampleId :
 A4T51

Tot Ion:166 Resp: 15700
 Ion Ratio Lower Upper
 166 100
 165 106.9 81.1 121.7
 167 15.1 10.6 16.0

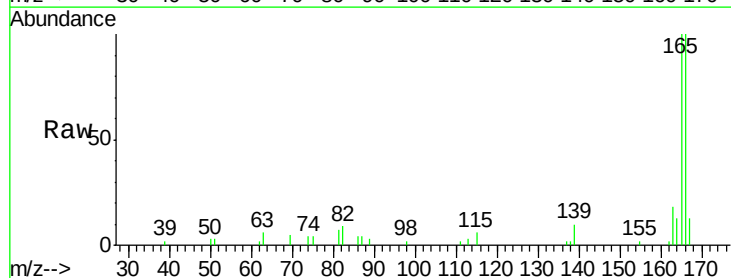


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

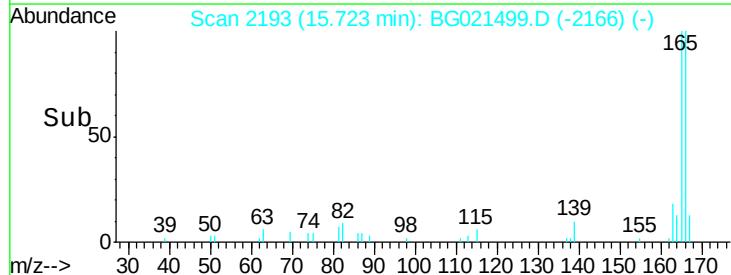
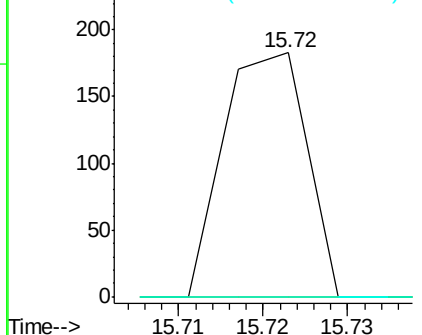


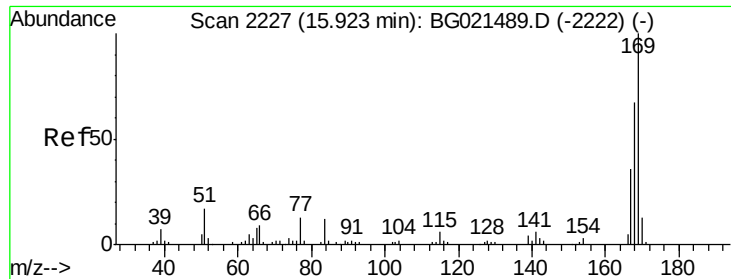
#61
 4-Nitroaniline
 Concen: 10.39 ng/ul
 RT: 15.72 min Scan# 2193
 Delta R.T. -0.04 min
 Lab File: BG021499.D
 Acq: 25 Mar 2016 00:22

Tgt Ion:138 Resp: 125
 Ion Ratio Lower Upper
 138 100
 92 0.0 51.9 77.9#
 108 0.0 95.3 142.9#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#65

N-Nitrosodiphenylamine

Concen: 7.30 ng/ul

RT: 15.92 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

Instrument :

BNA_G

ClientSampleId :

A4T51

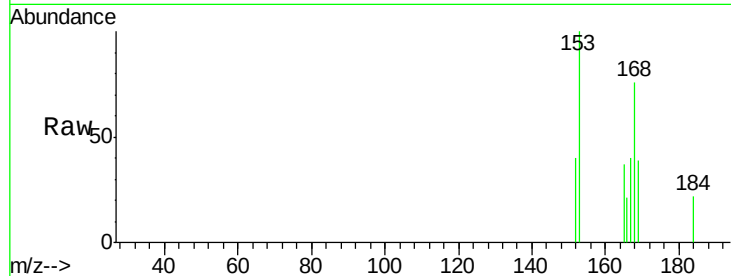
Tot Ion:169 Resp: 386

Ion Ratio Lower Upper

169 100

168 196.6 51.2 76.8#

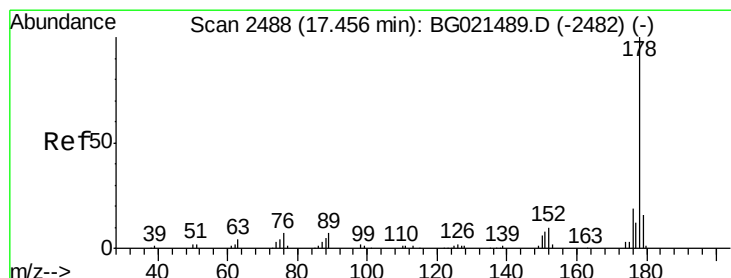
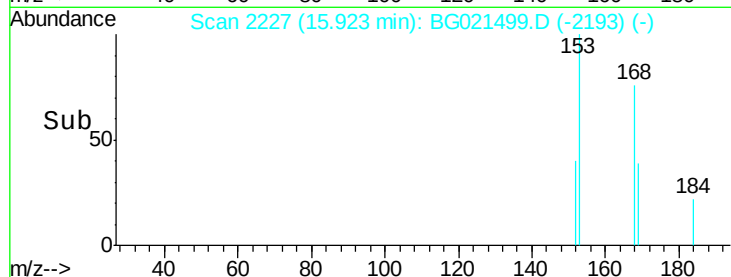
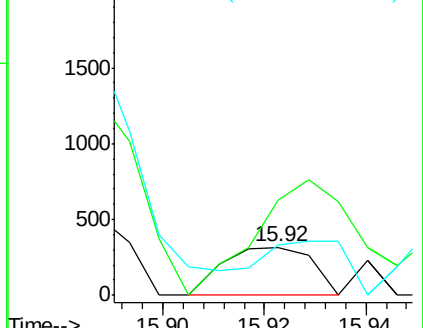
167 104.4 28.6 43.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 2325.61 ng/ul

RT: 17.46 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

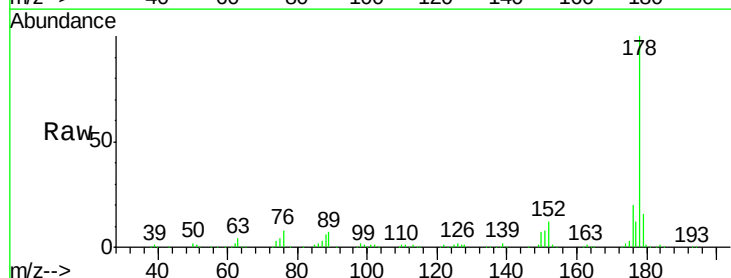
Tgt Ion:178 Resp: 224945

Ion Ratio Lower Upper

178 100

179 16.2 11.8 17.8

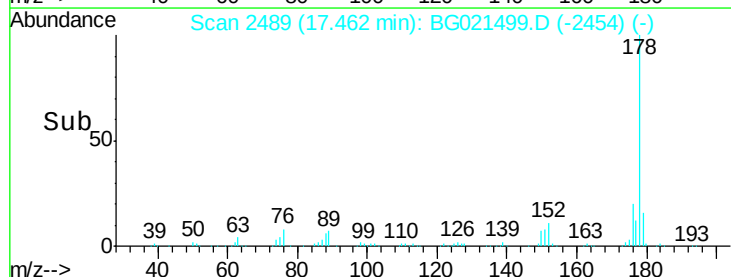
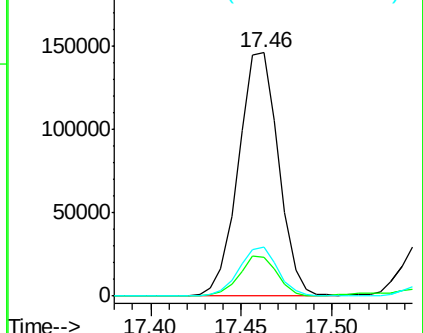
176 20.3 14.8 22.2

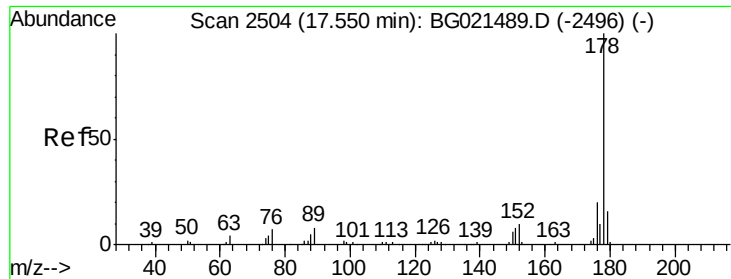


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 475.08 ng/ul

RT: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

Instrument :

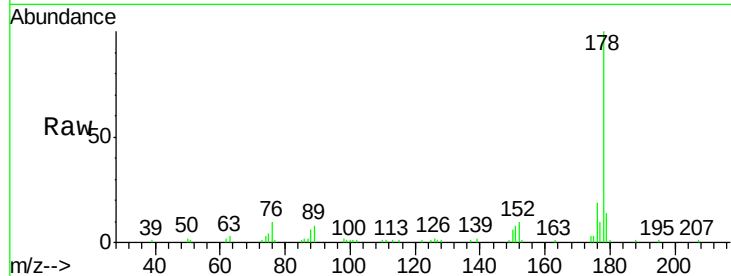
BNA_G

ClientSampleId :

A4T51

Tot Ion:178 Resp: 46757

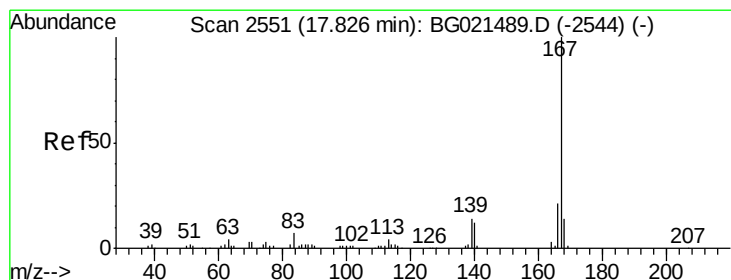
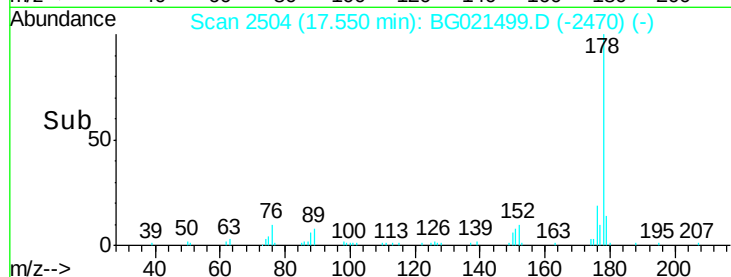
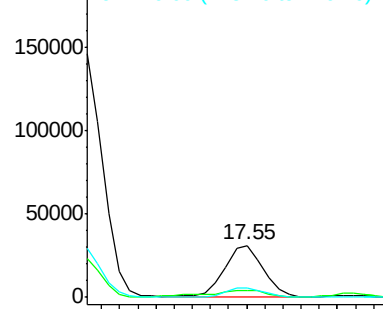
Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.9	19.3
176	18.8	15.6	23.4



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



#75

Carbazole

Concen: 177.55 ng/ul

RT: 17.83 min Scan# 2551

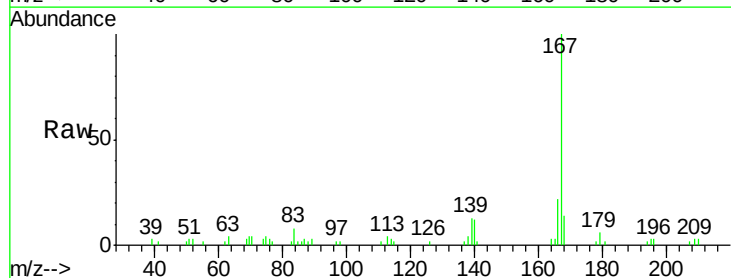
Delta R.T. 0.00 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

Tgt Ion:167 Resp: 15118

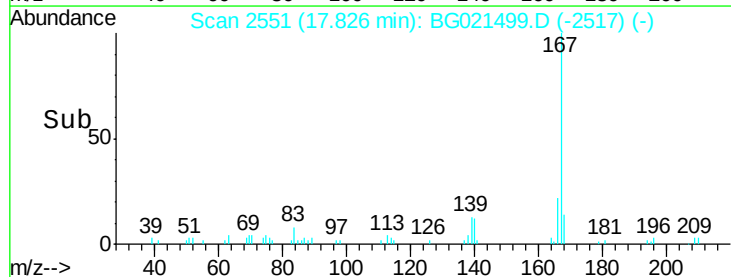
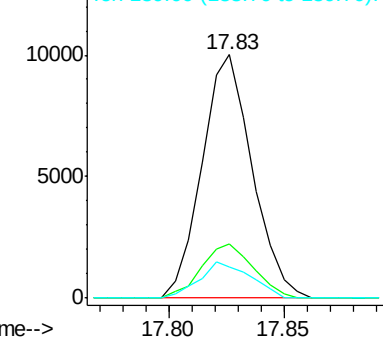
Ion	Ratio	Lower	Upper
167	100		
166	22.2	19.0	28.4
139	12.8	12.2	18.4

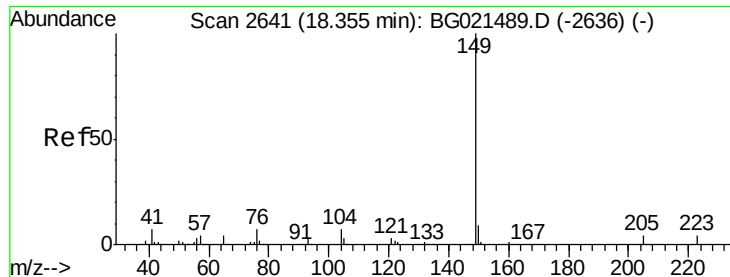


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

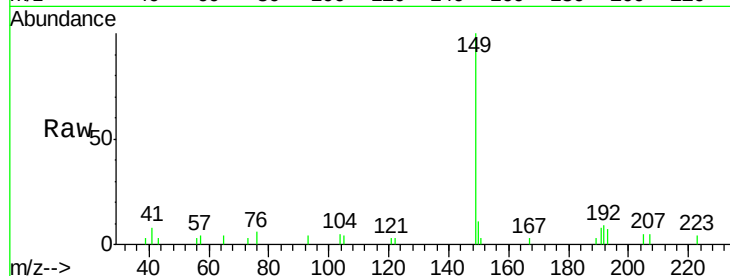




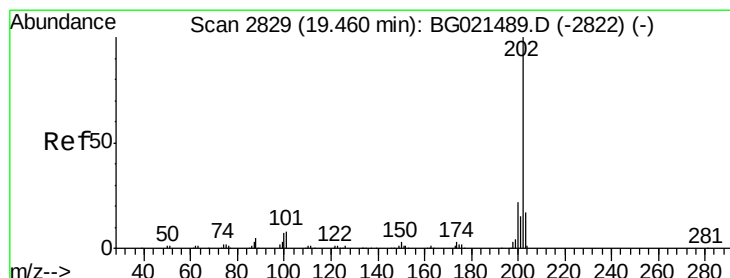
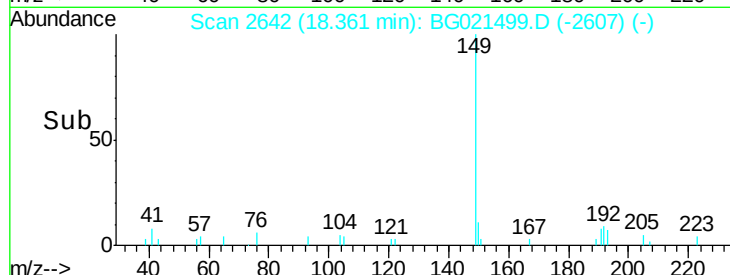
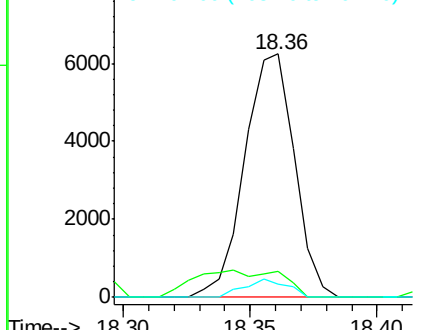
#76
Di-n-butylphthalate
Concen: 77.93 ng/ul
RT: 18.36 min Scan# 2642
Delta R.T. 0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Instrument :
BNA_G
ClientSampleId :
A4T51

Tot Ion:149 Resp: 8561
Ion Ratio Lower Upper
149 100
150 10.7 7.5 11.3
104 5.4 5.4 8.2

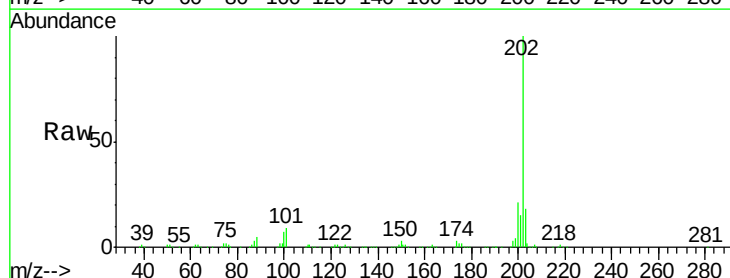


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

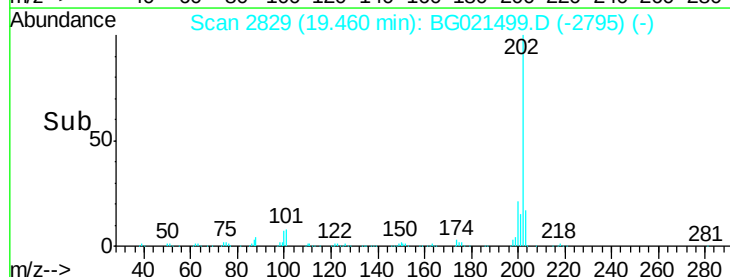
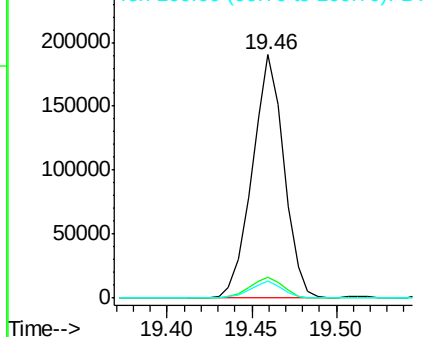


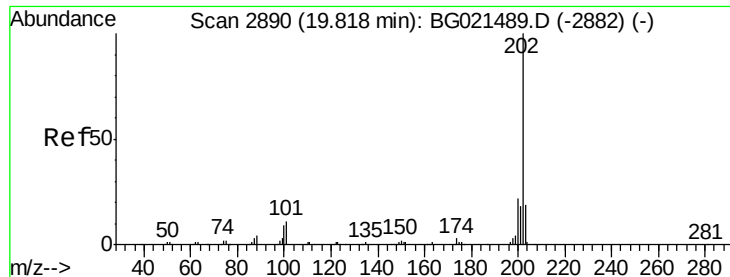
#77
Fluoranthene
Concen: 2134.88 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:202 Resp: 249203
Ion Ratio Lower Upper
202 100
101 8.7 8.9 13.3#
100 6.9 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

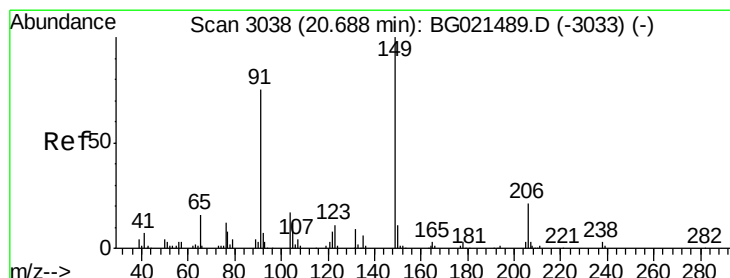
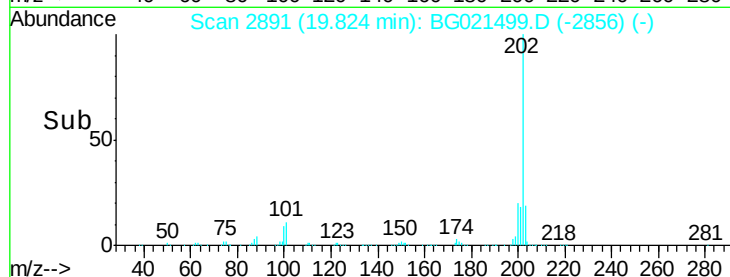
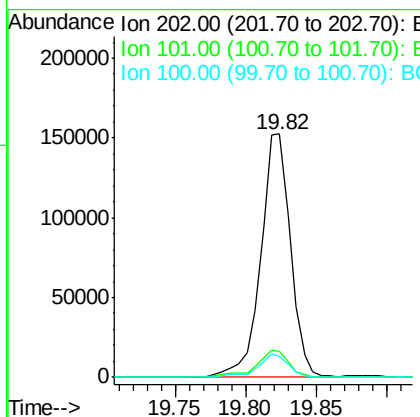
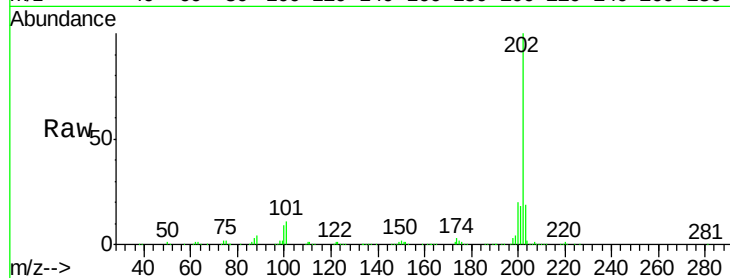




#80
Pvrene
Concen: 1621.61 ng/ul
RT: 19.82 min Scan# 2891
Delta R.T. 0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

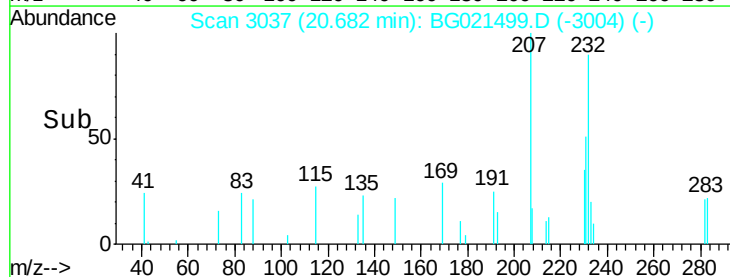
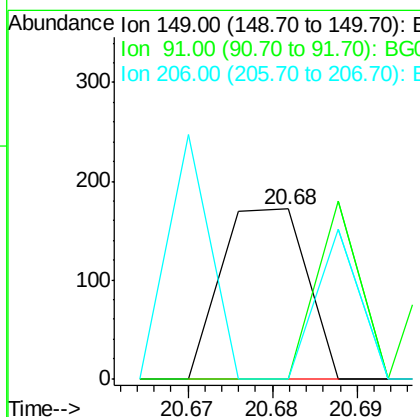
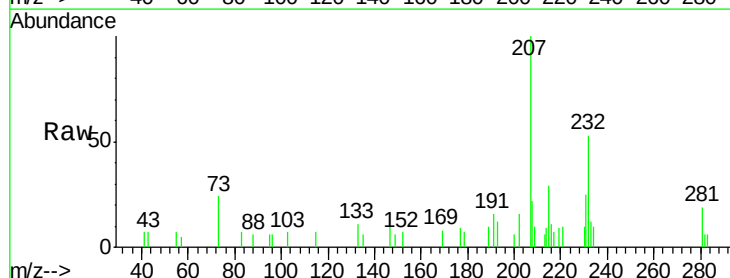
Instrument :
BNA_G
ClientSampleId :
A4T51

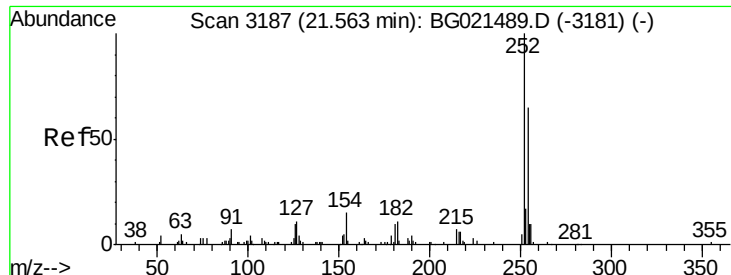
Tot Ion:202 Resp: 226769
Ion Ratio Lower Upper
202 100
101 10.6 9.8 14.8
100 8.7 9.3 13.9#



#81
Butylbenzylphthalate
Concen: 2.03 ng/ul
RT: 20.68 min Scan# 3037
Delta R.T. -0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:149 Resp: 120
Ion Ratio Lower Upper
149 100
91 0.0 65.8 98.8#
206 0.0 15.5 23.3#





#82

3,3'-Dichlorobenzidine

Concen: 7.87 ng/ul

RT: 21.42 min Scan# 3163

Delta R.T. -0.14 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

Instrument :

BNA_G

ClientSampleId :

A4T51

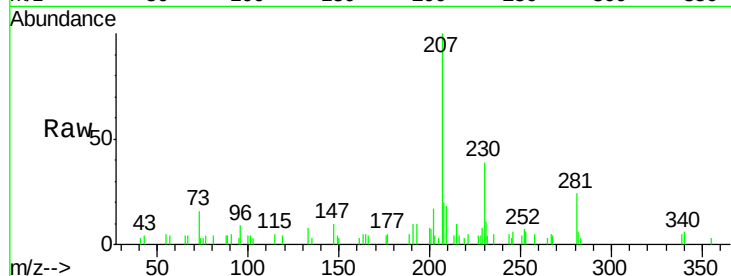
Tot Ion:252 Resp: 383

Ion Ratio Lower Upper

252 100

254 0.0 52.8 79.2#

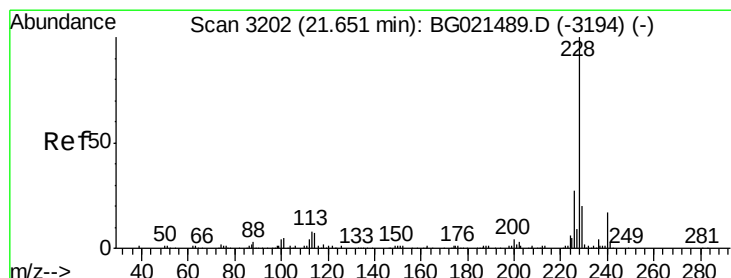
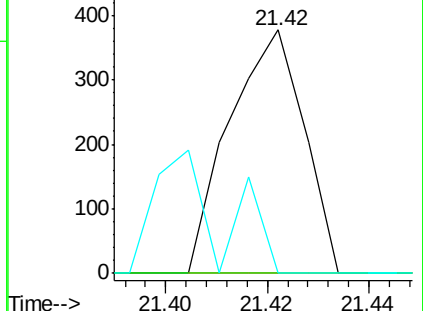
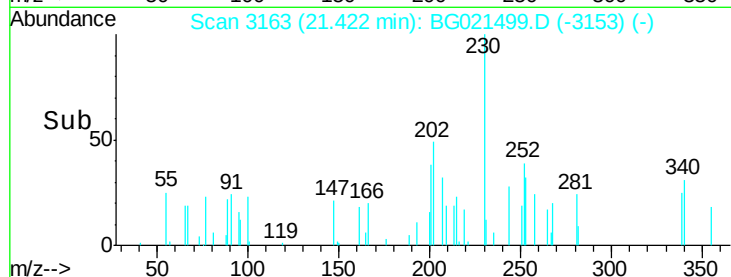
126 0.0 9.8 14.8#



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: 785.36 ng/ul

RT: 21.65 min Scan# 3202

Delta R.T. 0.00 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

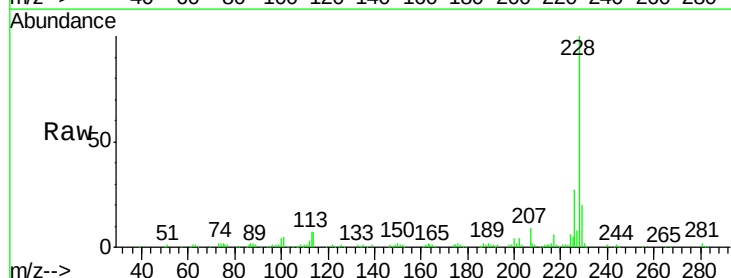
Tgt Ion:228 Resp: 111268

Ion Ratio Lower Upper

228 100

229 20.3 16.6 25.0

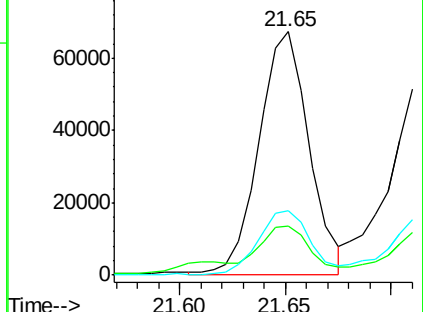
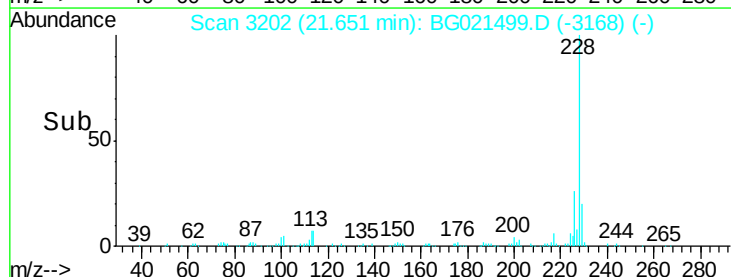
226 26.6 21.0 31.4

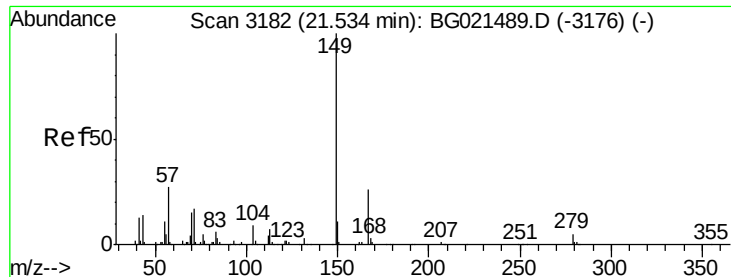


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.00 ng/ul

RT: 21.53 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

Instrument :

BNA_G

ClientSampleId :

A4T51

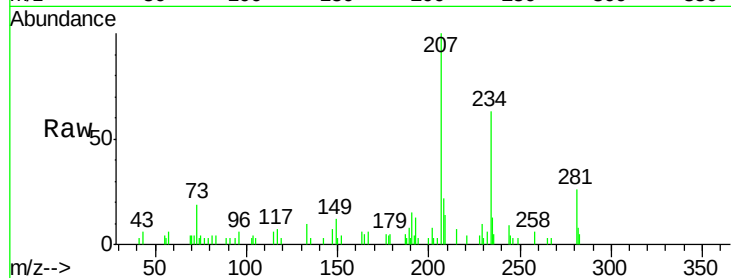
Tot Ion:149 Resp: 864

Ion Ratio Lower Upper

149 100

167 45.8 20.5 30.7#

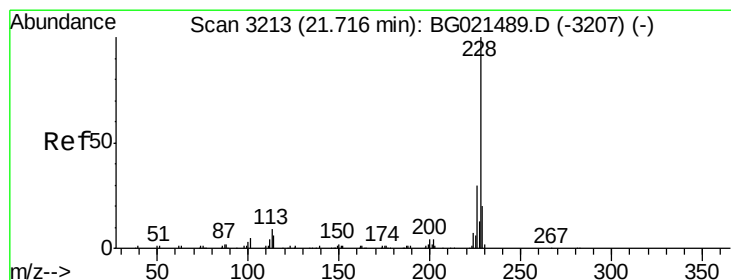
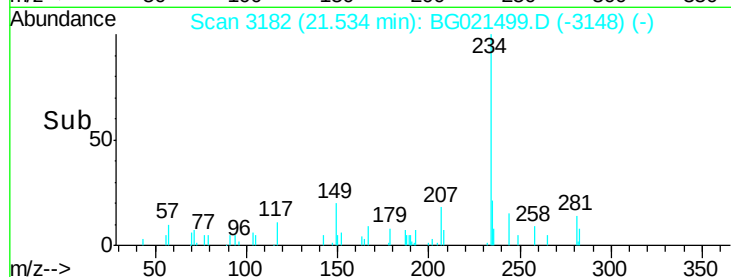
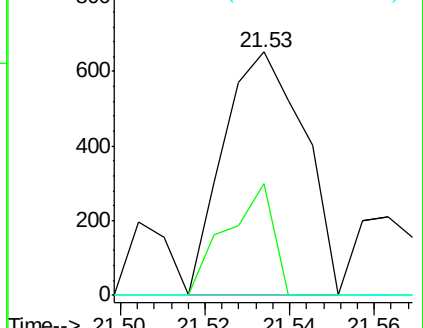
279 0.0 3.7 5.5#



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: 785.46 ng/ul

RT: 21.72 min Scan# 3213

Delta R.T. 0.00 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

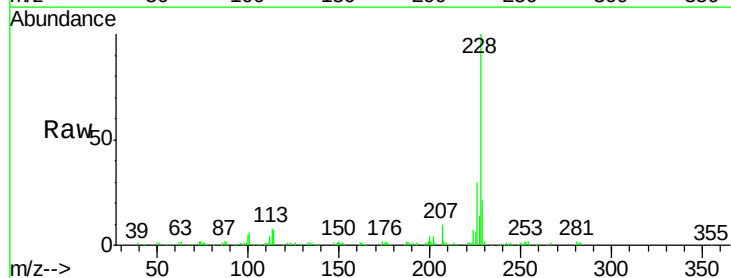
Tgt Ion:228 Resp: 105391

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

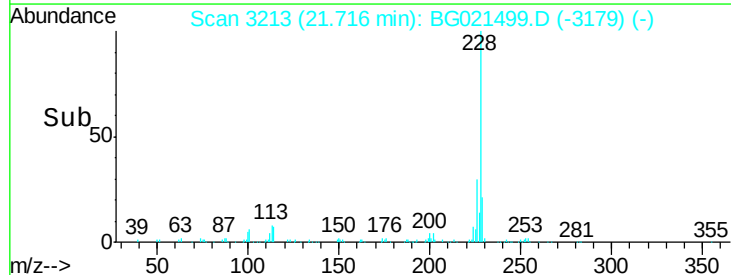
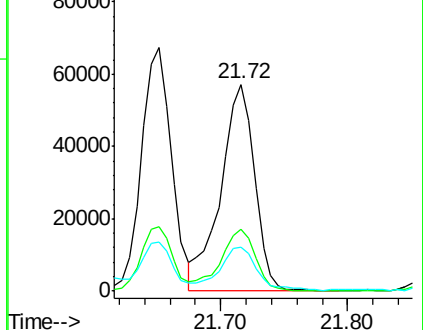
229 21.2 16.2 24.2

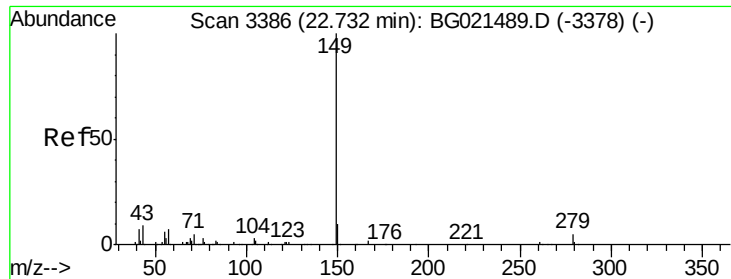


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

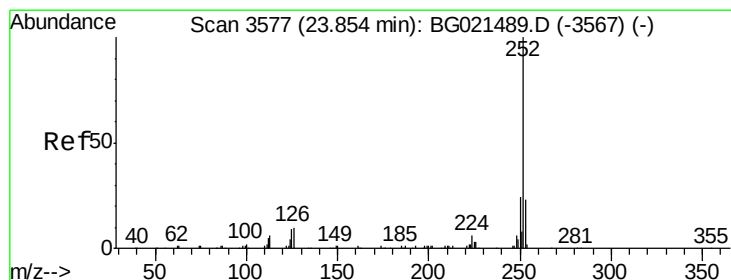
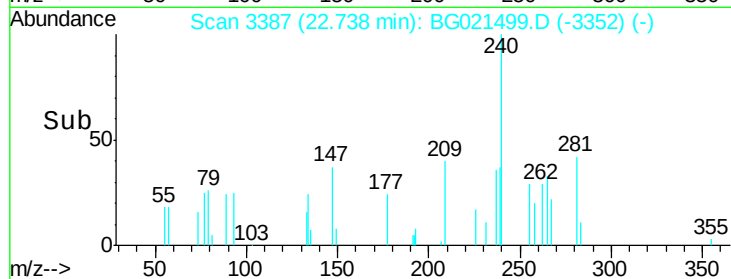
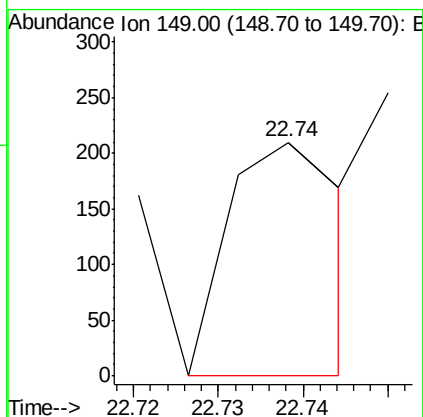
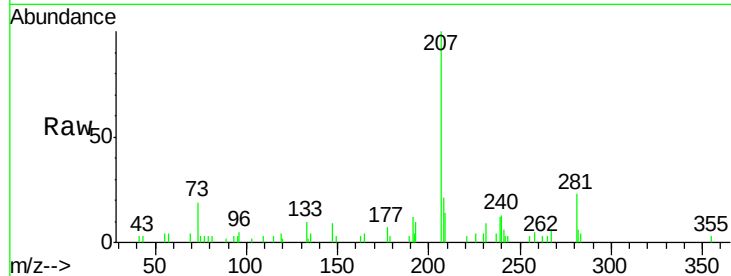




#87
Di-n-octyl phthalate
Concen: 1.22 ng/ul
RT: 22.74 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

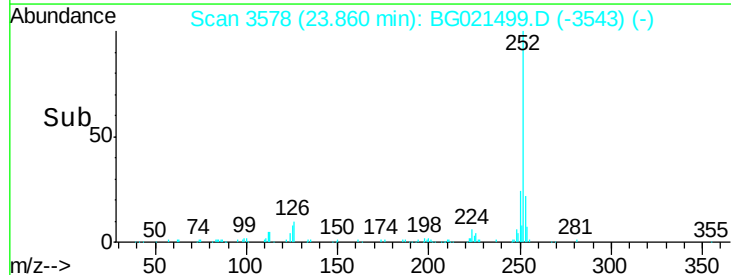
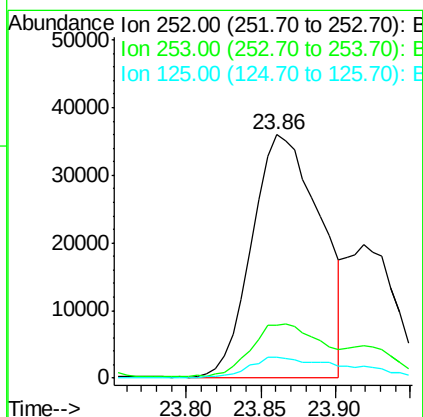
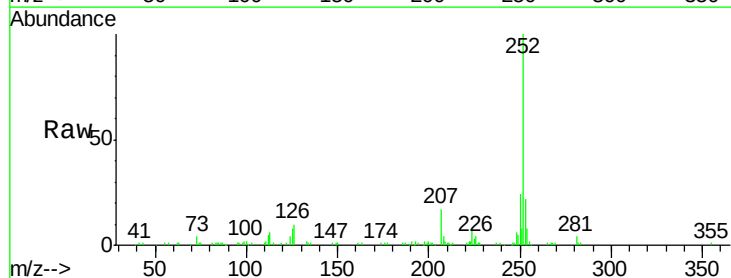
Instrument :
BNA_G
ClientSampleId :
A4T51

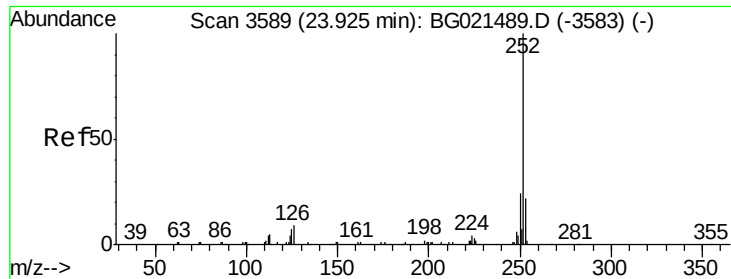
Tgt Ion:149 Resp: 197



#88
Benzo(b)fluoranthene
Concen: 750.71 ng/ul
RT: 23.86 min Scan# 3578
Delta R.T. 0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:252 Resp: 114670
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 8.4 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 764.24 ng/ul

RT: 23.86 min Scan# 3578

Delta R.T. -0.06 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

Instrument :

BNA_G

ClientSampleId :

A4T51

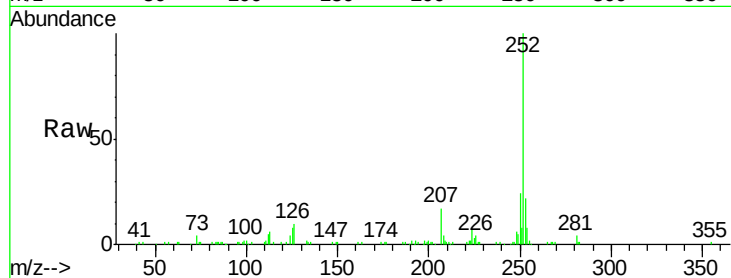
Tot Ion:252 Resp: 114670

Ion Ratio Lower Upper

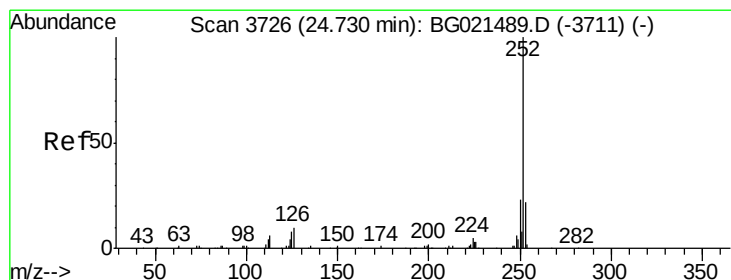
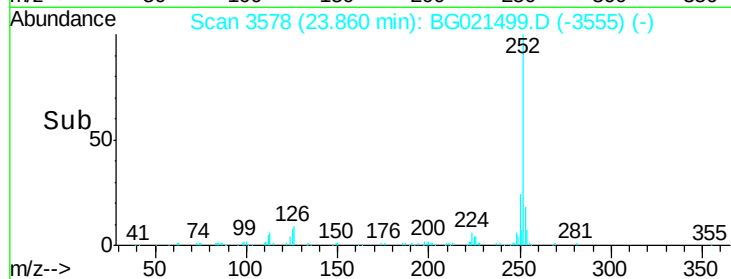
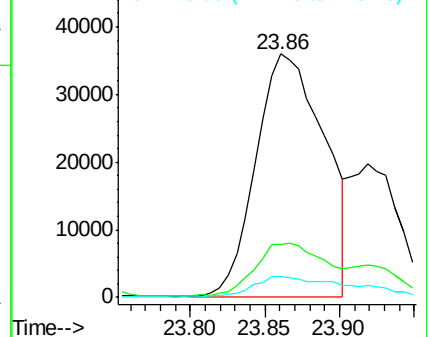
252 100

253 21.9 17.8 26.8

125 8.4 7.7 11.5



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: 609.55 ng/ul

RT: 24.73 min Scan# 3726

Delta R.T. 0.00 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

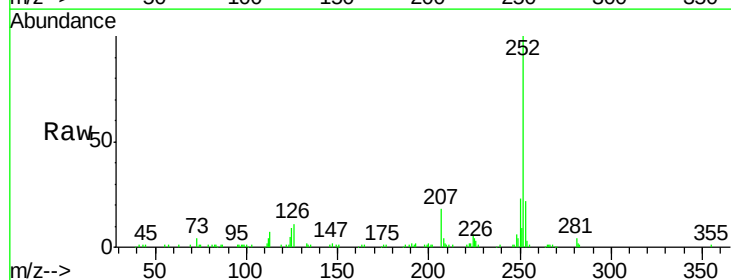
Tgt Ion:252 Resp: 90387

Ion Ratio Lower Upper

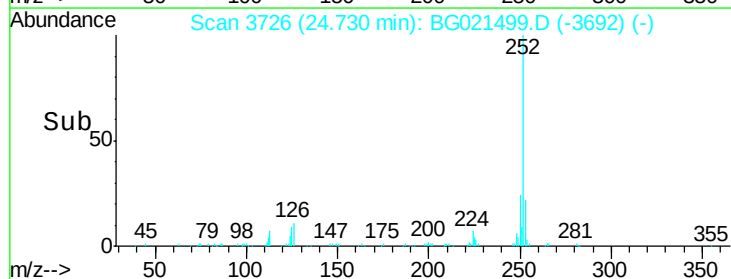
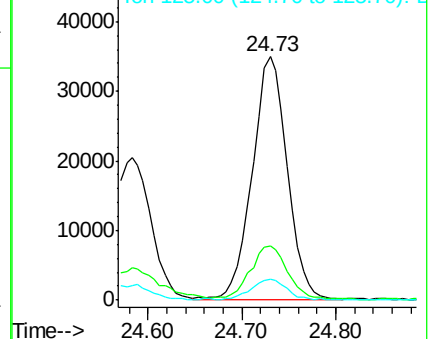
252 100

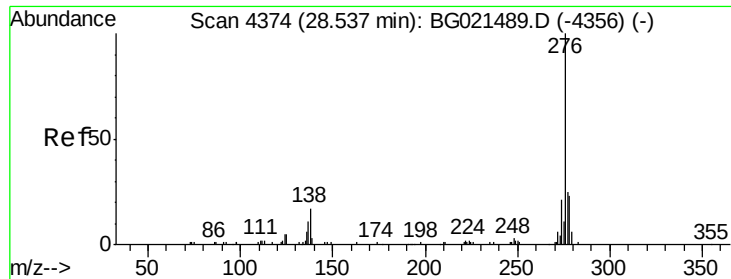
253 22.3 17.4 26.0

125 8.6 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



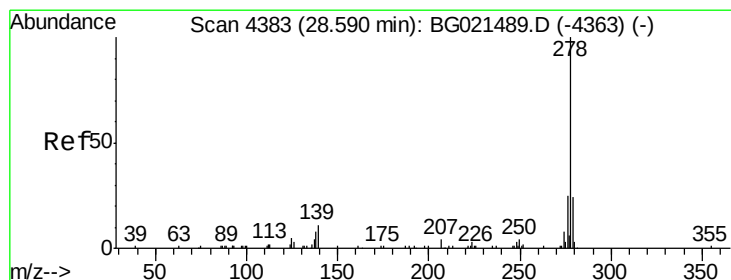
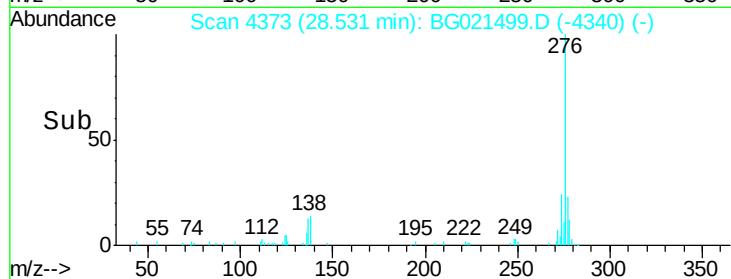
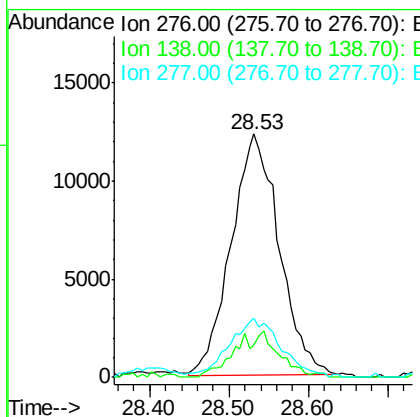
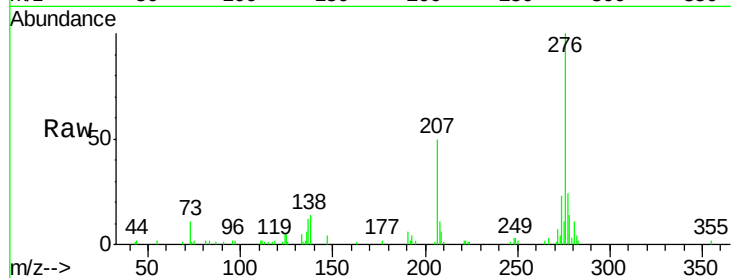


#92

Indeno(1,2,3-cd)pyrene
Concen: 307.87 ng/ul
RT: 28.53 min Scan# 4373
Delta R.T. -0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Instrument :
BNA_G
ClientSampleId :
A4T51

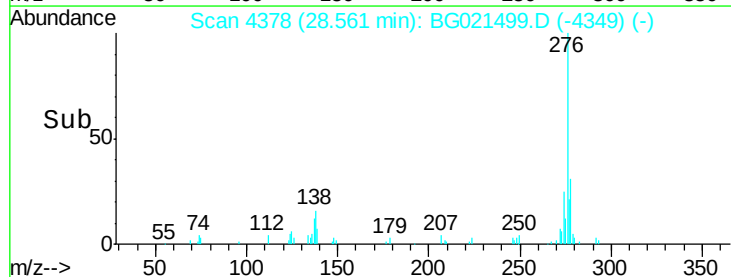
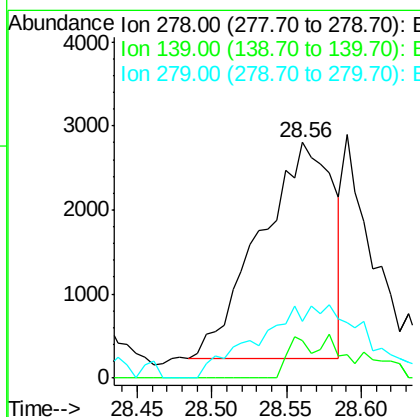
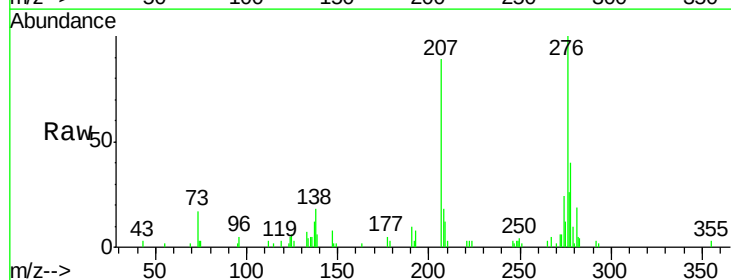
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.5	15.8	23.6#
277	24.5	19.0	28.6

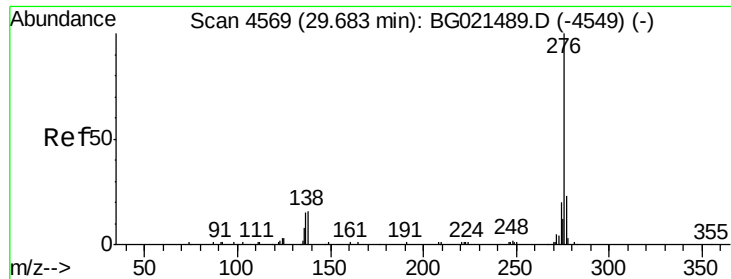


#93

Dibenzo(a,h)anthracene
Concen: 61.12 ng/ul
RT: 28.56 min Scan# 4378
Delta R.T. -0.03 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.1	18.1
279	24.3	19.8	29.8





#94

Benzo(a,h,i)perylene

Concen: 345.76 ng/ul

RT: 29.68 min Scan# 4568

Delta R.T. -0.01 min

Lab File: BG021499.D

Acq: 25 Mar 2016 00:22

Instrument :

BNA_G

ClientSampleId :

A4T51

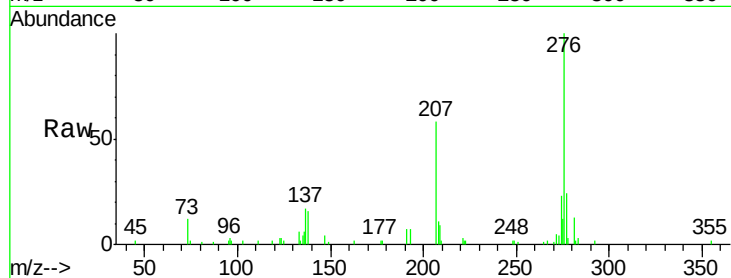
Tot Ion: 276 Resp: 47916

Ion Ratio Lower Upper

276 100

138 15.8 13.9 20.9

277 24.1 19.8 29.6



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

