

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020116\
 Data File : BG020782.D
 Acq On : 1 Feb 2016 22:31
 Operator : SJ/IZ
 Sample : H1256-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST02012

Quant Time: Feb 02 02:46:41 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 02 02:40:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	16502	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	86400	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	51861	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	115198	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	103856	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	87748	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.42	99	250802	148.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	1044	1.19	ng/ul	-0.17
9) 2-Chlorophenol-d4	7.80	132	196912	155.26	ng/ul	0.00
13) 4-Methylphenol-d8	9.09	113	15366	10.55	ng/ul	0.11
19) Nitrobenzene-d5	9.45	128	65111	123.49	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.34	166	516	0.12	ng/ul	0.05
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.86	176	118	0.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.72	188	1420	0.25	ng/ul	0.00
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	

Target Compounds

						Qvalue
8) Bis(2-Chloroethyl)ether	7.69	93	139446	103.93	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.80	45	208549	140.66	ng/ul#	94
15) N-Nitroso-di-n-propylamine	9.08	70	100977	88.66	ng/ul	92
17) Hexachloroethane	9.37	117	50123	108.44	ng/ul#	71
20) Nitrobenzene	9.50	77	233965	191.26	ng/ul#	83
21) Isophorone	10.01	82	231220	71.62	ng/ul	95
28) Naphthalene	11.15	128	442025	91.71	ng/ul	98
30) 4-Chloroaniline	11.16	127	61363	32.53	ng/ul#	11
31) Hexachlorobutadiene	11.43	225	68107	102.91	ng/ul	96
34) 2-Methylnaphthalene	12.74	142	93903	25.32	ng/ul	93
38) Hexachlorocyclopentadiene	13.08	237	100546	129.18	ng/ul	98
42) 2-Chloronaphthalene	13.77	162	258534	77.59	ng/ul	97
45) Dimethylphthalate	14.34	163	726616	157.15	ng/ul#	97
46) 2,6-Dinitrotoluene	14.46	165	43224	70.32	ng/ul	96
48) Acenaphthylene	14.61	152	490682	82.28	ng/ul	97
57) Diethylphthalate	15.69	149	856563	175.29	ng/ul	98
59) Fluorene	15.93	166	716664	151.12	ng/ul	97
61) 4-Nitroaniline	15.93	138	8579	8.51	ng/ul#	14
66) 4-Bromophenyl-phenylether	16.81	248	205101	166.96	ng/ul	93
67) Hexachlorobenzene	16.93	284	90949	66.56	ng/ul#	86
70) Phenanthrene	17.67	178	378449	52.32	ng/ul	97
72) Anthracene	17.76	178	186976	25.85	ng/ul	98
76) Di-n-butylphthalate	18.56	149	312642	40.68	ng/ul	99

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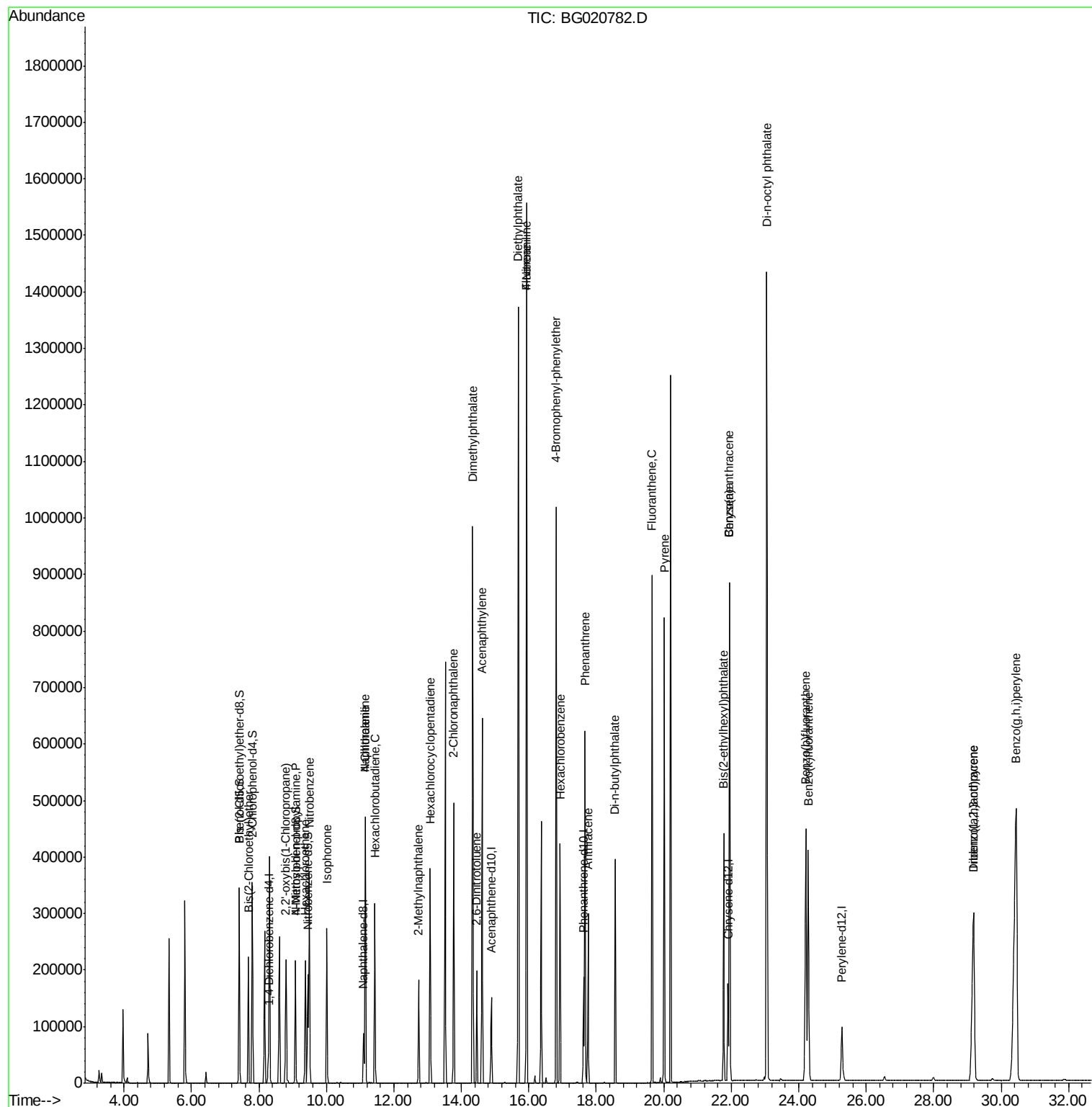
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Fluoranthene	19.65	202	523026	70.37	ng/ul#	75
80) Pyrene	20.02	202	479304	61.04	ng/ul#	75
83) Benzo(a)anthracene	21.96	228	515070	77.00	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.77	149	197320	41.34	ng/ul#	92
85) Chrysene	21.96	228	515070	82.90	ng/ul	97
87) Di-n-octyl phthalate	23.05	149	1420826	200.60	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	417240	72.58	ng/ul#	92
89) Benzo(k)fluoranthene	24.28	252	352254	62.55	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	29.19	276	512750	79.75	ng/ul#	85
93) Dibenzo(a,h)anthracene	29.18	278	10626	2.00	ng/ul#	69
94) Benzo(g,h,i)perylene	30.44	276	727250	137.81	ng/ul#	82

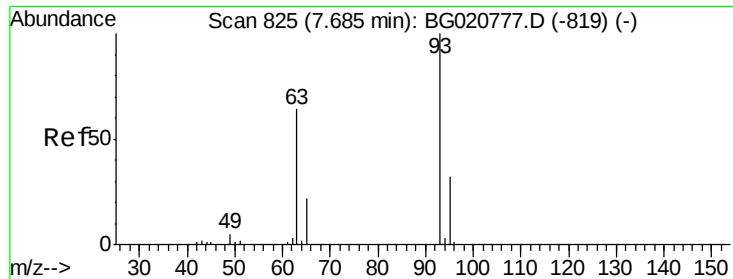
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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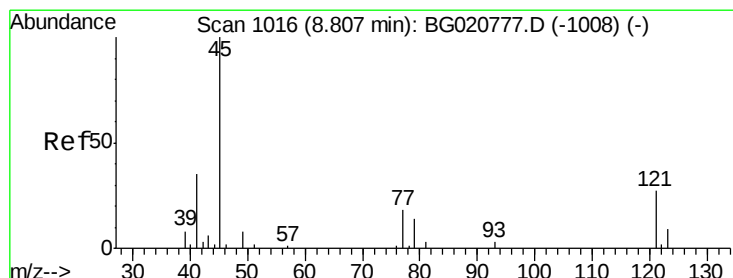
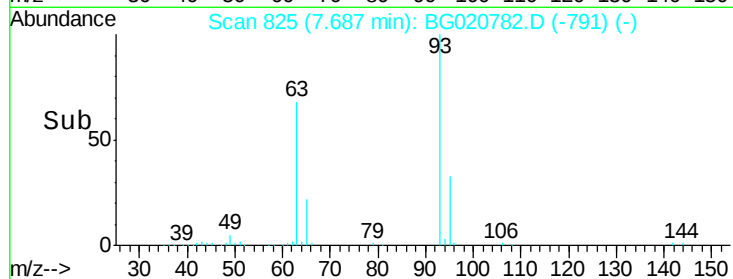
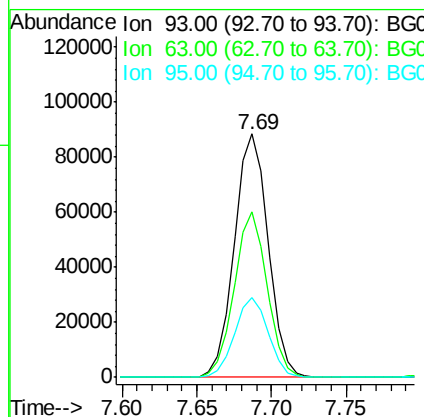
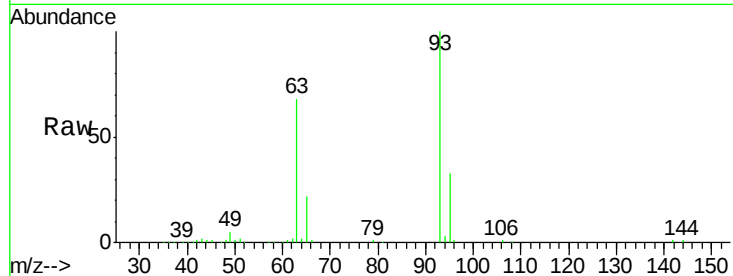


#8

Bis(2-Chloroethyl)ether
 Concen: 103.93 ng/ul
 RT: 7.69 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BG020782.D
 Acq: 1 Feb 2016 22:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02012

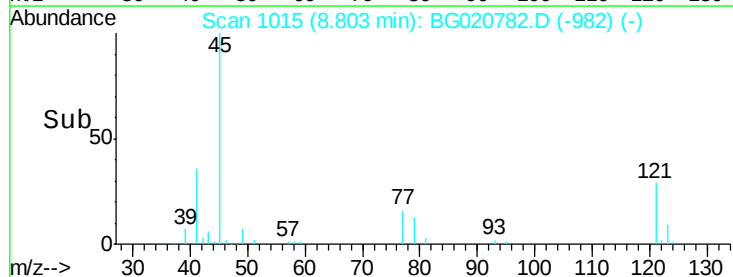
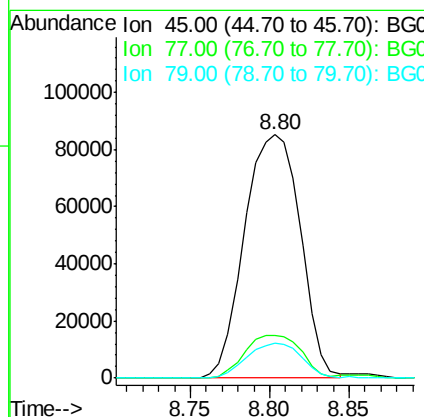
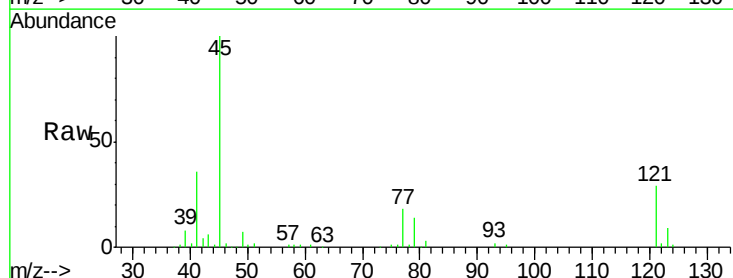
Tgt Ion: 93 Resp: 139446
 Ion Ratio Lower Upper
 93 100
 63 68.1 59.4 89.2
 95 32.8 26.4 39.6

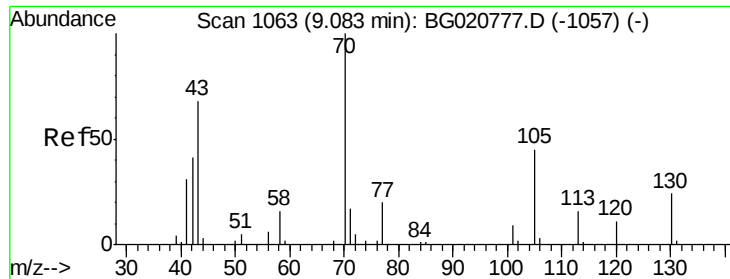


#12

2,2'-oxybis(1-Chloropropane)
 Concen: 140.66 ng/ul
 RT: 8.80 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BG020782.D
 Acq: 1 Feb 2016 22:31

Tgt Ion: 45 Resp: 208549
 Ion Ratio Lower Upper
 45 100
 77 17.6 12.5 18.7
 79 14.4 9.4 14.2#





#15

N-Nitroso-di-n-propylamine

Concen: 88.66 ng/ul

RT: 9.08 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

Instrument :

BNA_G

ClientSampleId :

SSTD02012

Tgt Ion: 70 Resp: 100977

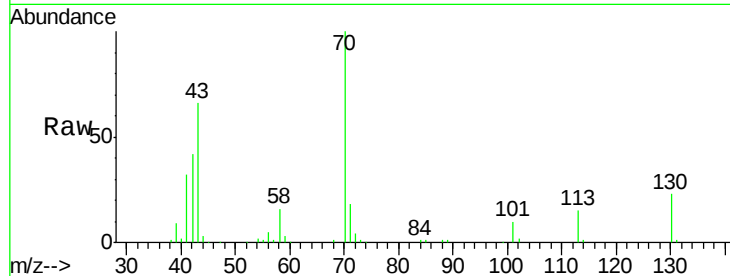
Ion Ratio Lower Upper

70 100

42 41.9 40.2 60.4

101 9.6 7.7 11.5

130 23.3 17.8 26.6

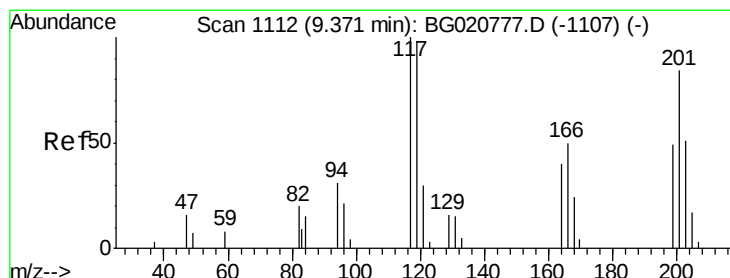
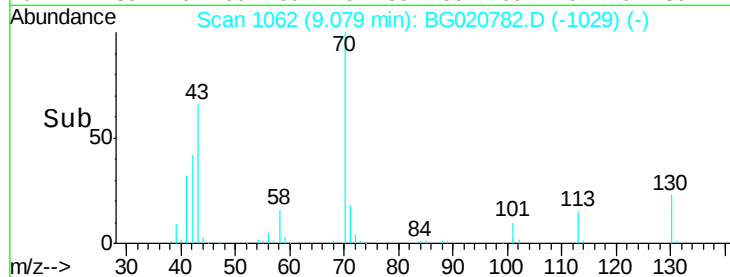
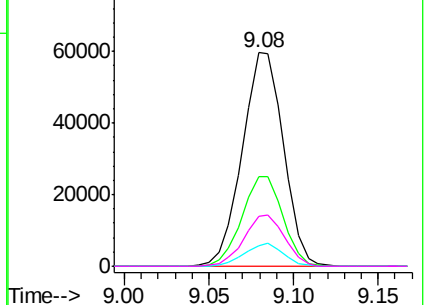


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#17

Hexachloroethane

Concen: 108.44 ng/ul

RT: 9.37 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

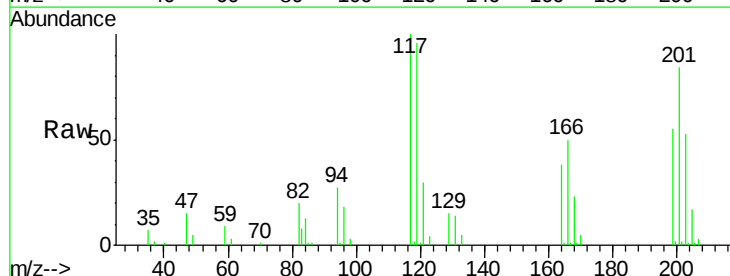
Tgt Ion: 117 Resp: 50123

Ion Ratio Lower Upper

117 100

201 84.3 96.1 144.1#

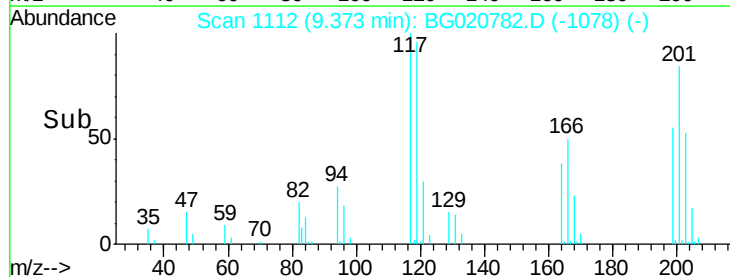
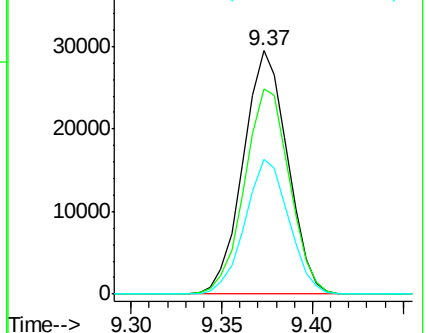
199 55.3 59.7 89.5#

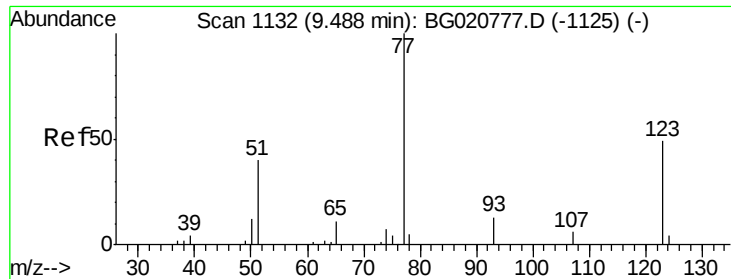


Abundance Ion 117.00 (116.70 to 117.70): BGC

Ion 201.00 (200.70 to 201.70): BGC

Ion 199.00 (198.70 to 199.70): BGC

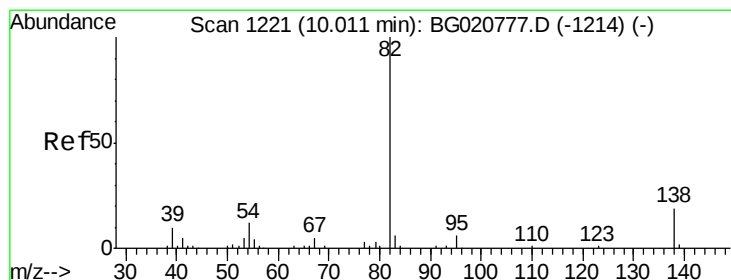
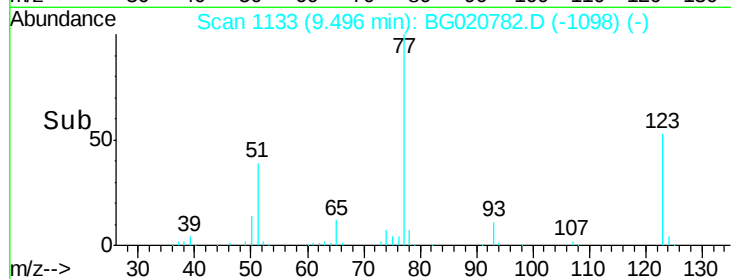
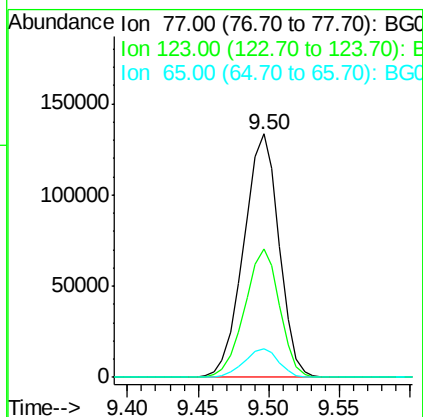
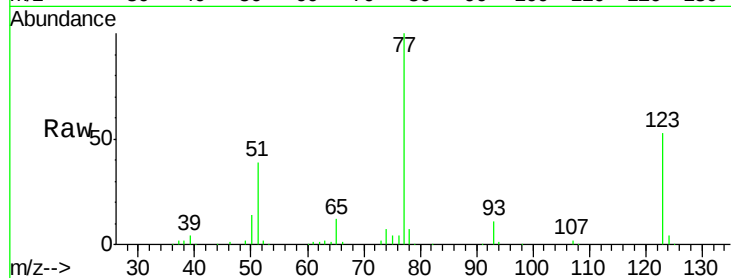




#20
Nitrobenzene
Concen: 191.26 ng/ul
RT: 9.50 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BG020782.D
Acq: 1 Feb 2016 22:31

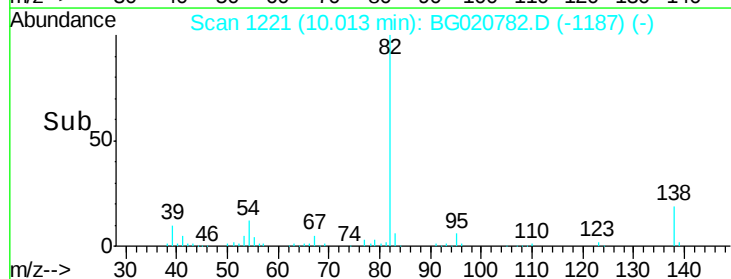
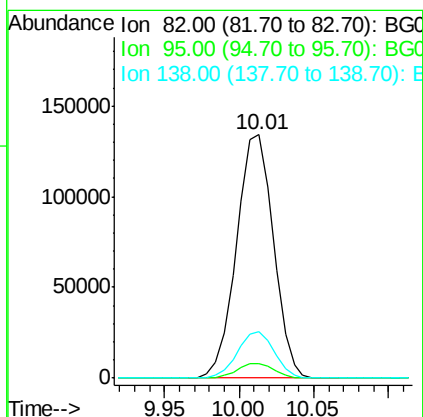
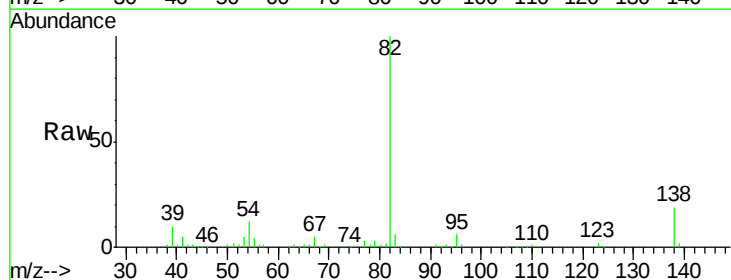
Instrument :
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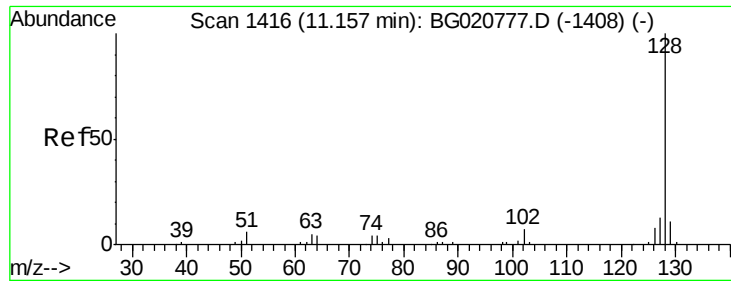
Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.6	31.8	47.8#
65	11.7	10.6	16.0



#21
Isophorone
Concen: 71.62 ng/ul
RT: 10.01 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG020782.D
Acq: 1 Feb 2016 22:31

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.1	6.1	9.1
138	19.1	13.5	20.3

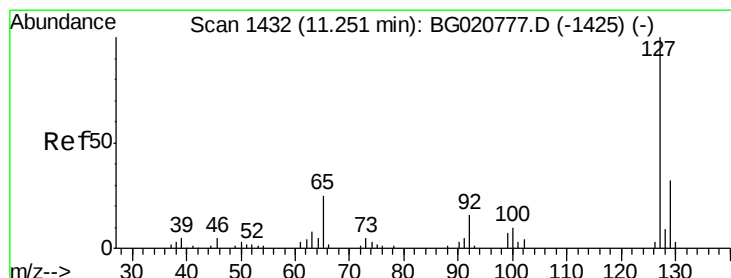
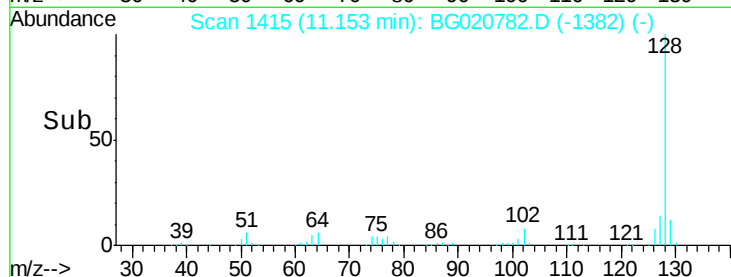
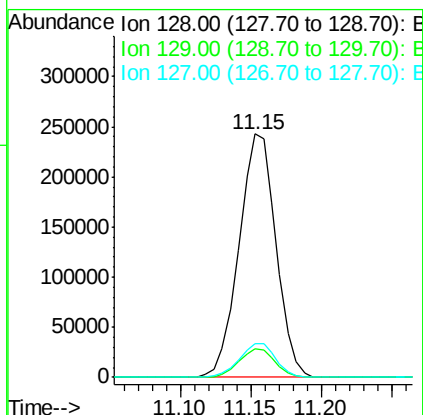
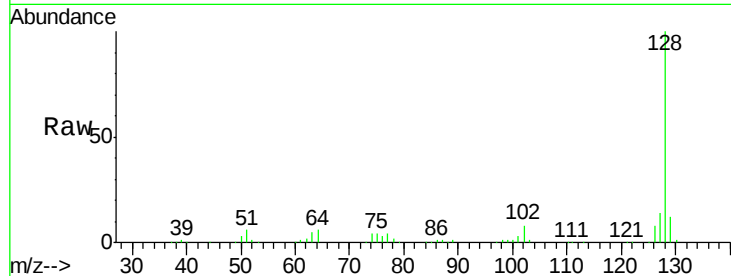




#28
Naphthalene
Concen: 91.71 ng/ul
RT: 11.15 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG020782.D
Acq: 1 Feb 2016 22:31

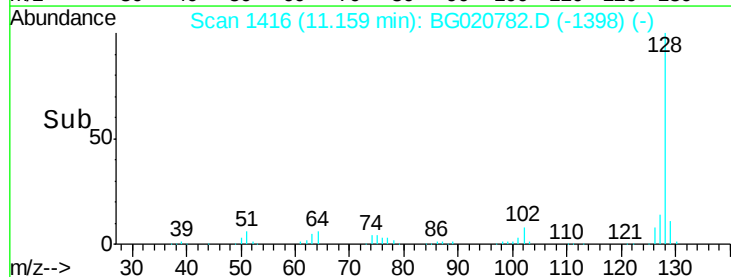
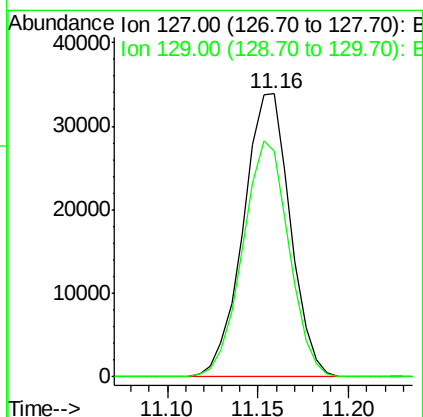
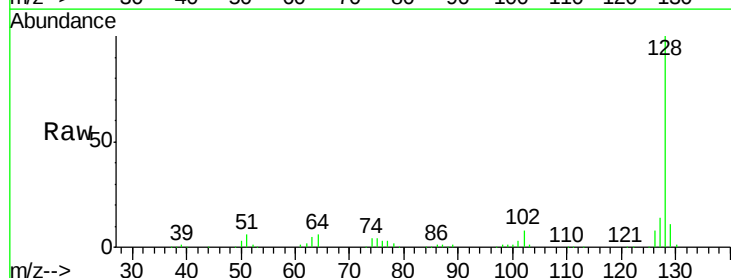
Instrument :
BNA_G
ClientSampleId :
SSTD02012

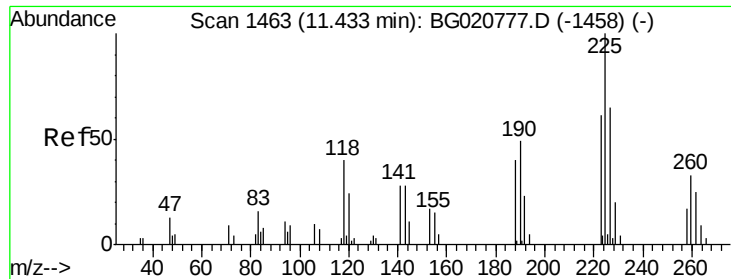
Tgt Ion:128 Resp: 442025
Ion Ratio Lower Upper
128 100
129 11.6 8.3 12.5
127 13.9 10.8 16.2



#30
4-Chloroaniline
Concen: 32.53 ng/ul
RT: 11.16 min Scan# 1416
Delta R.T. -0.09 min
Lab File: BG020782.D
Acq: 1 Feb 2016 22:31

Tgt Ion:127 Resp: 61363
Ion Ratio Lower Upper
127 100
129 79.5 24.6 37.0#





#31

Hexachlorobutadiene

Concen: 102.91 ng/ul

RT: 11.43 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

Instrument :

BNA_G

ClientSampleId :

SSTD02012

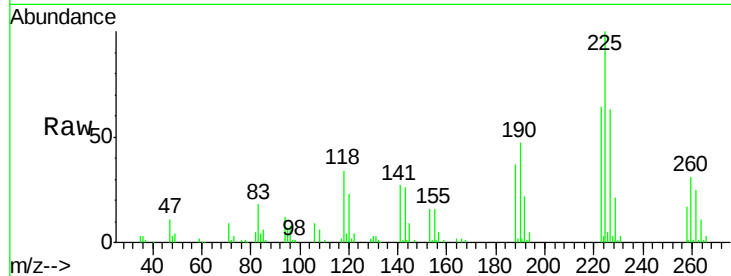
Tgt Ion:225 Resp: 68107

Ion Ratio Lower Upper

225 100

223 63.9 48.1 72.1

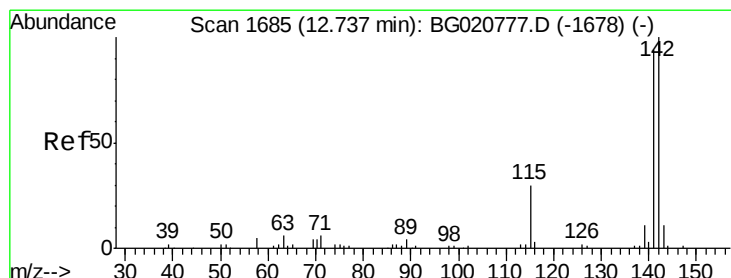
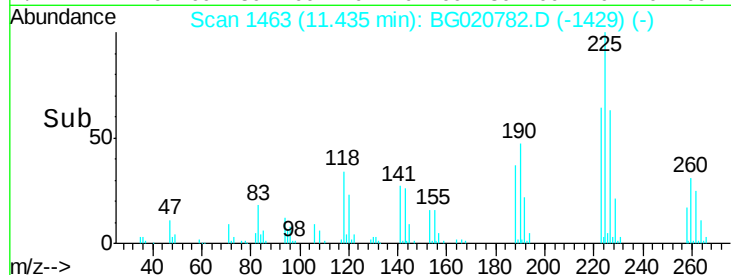
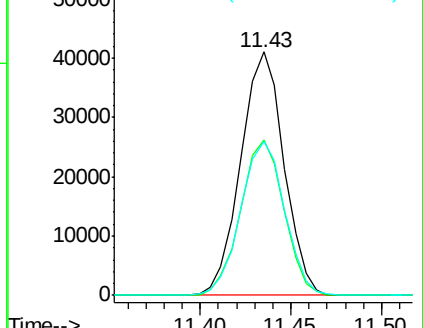
227 63.4 52.1 78.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#34

2-Methylnaphthalene

Concen: 25.32 ng/ul

RT: 12.74 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG020782.D

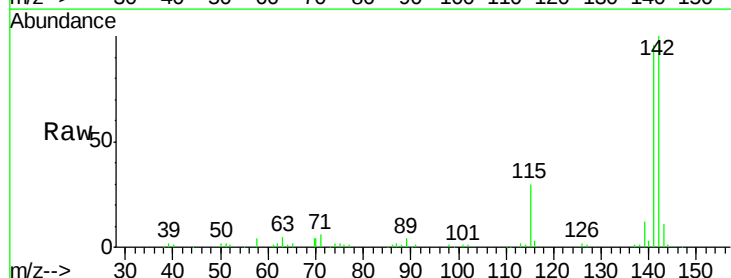
Acq: 1 Feb 2016 22:31

Tgt Ion:142 Resp: 93903

Ion Ratio Lower Upper

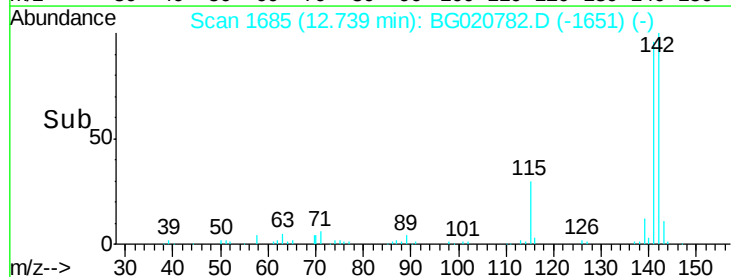
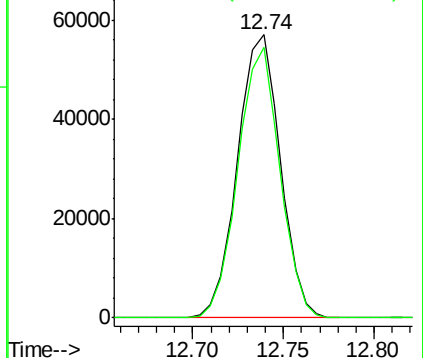
142 100

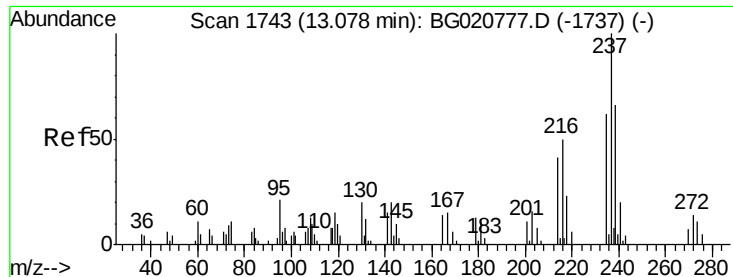
141 95.7 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

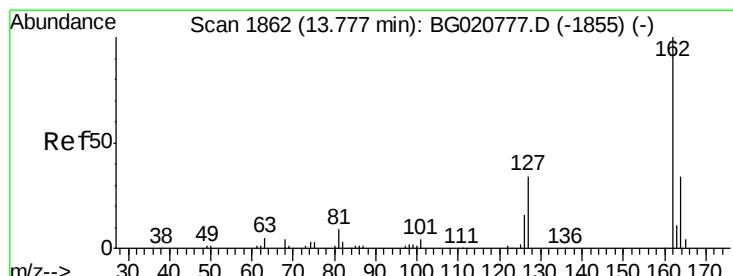
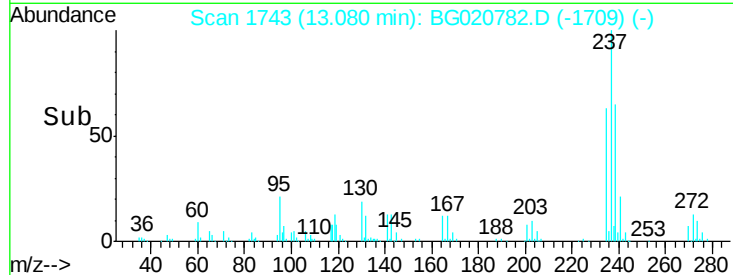
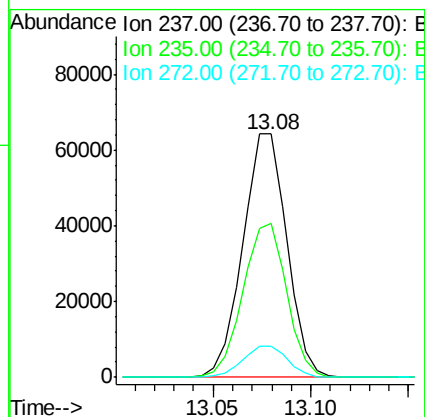
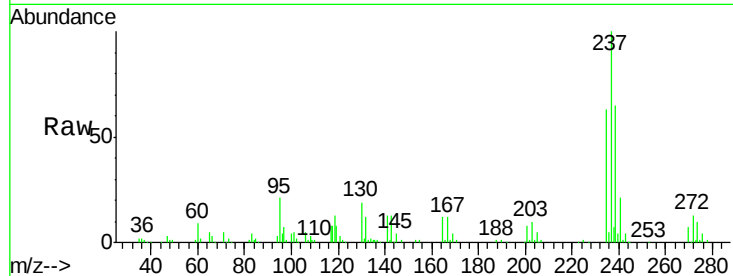




#38
Hexachlorocyclopentadiene
Concen: 129.18 ng/ul
RT: 13.08 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BG020782.D
Acq: 1 Feb 2016 22:31

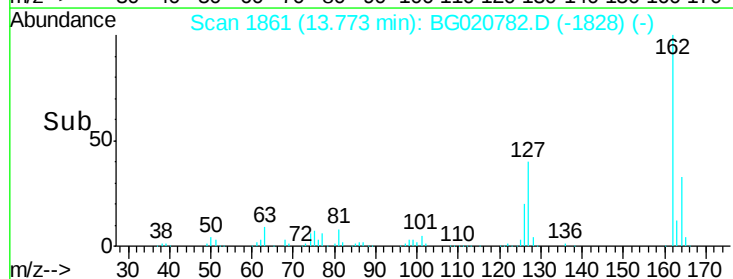
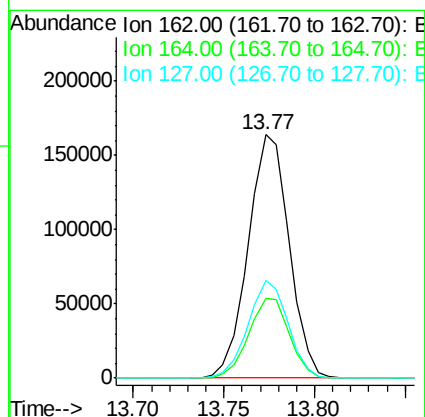
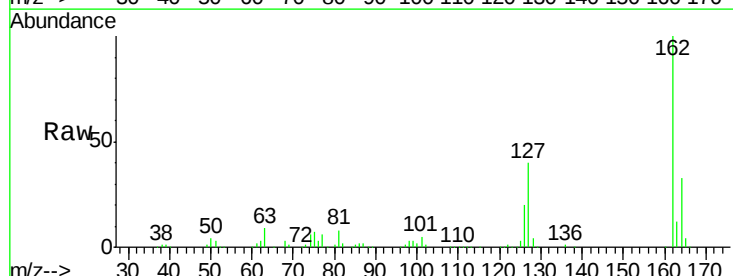
Instrument :
BNA_G
ClientSampleId :
SSTD02012

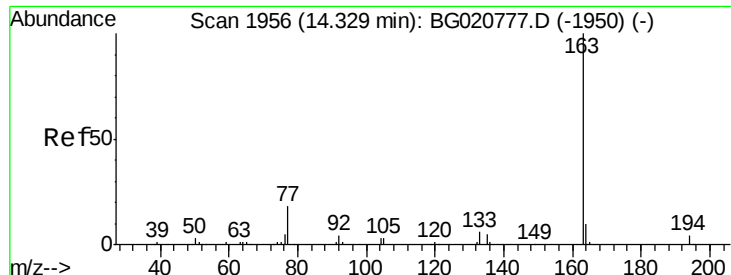
Tgt Ion:237 Resp: 100546
Ion Ratio Lower Upper
237 100
235 63.2 49.5 74.3
272 12.6 8.6 12.8



#42
2-Chloronaphthalene
Concen: 77.59 ng/ul
RT: 13.77 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG020782.D
Acq: 1 Feb 2016 22:31

Tgt Ion:162 Resp: 258534
Ion Ratio Lower Upper
162 100
164 32.9 26.2 39.4
127 39.9 29.5 44.3





#45

Dimethylphthalate

Concen: 157.15 ng/ul

RT: 14.34 min Scan# 1957

Delta R.T. 0.01 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

Instrument :

BNA_G

ClientSampleId :

SSTD02012

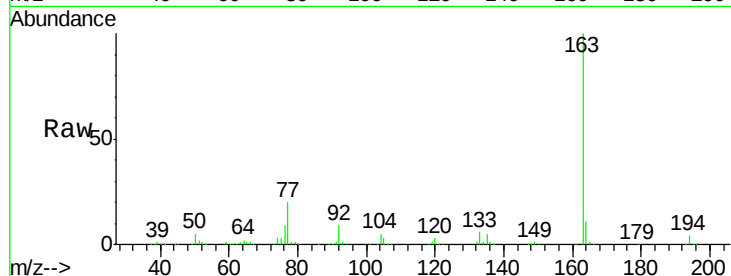
Tgt Ion:163 Resp: 726616

Ion Ratio Lower Upper

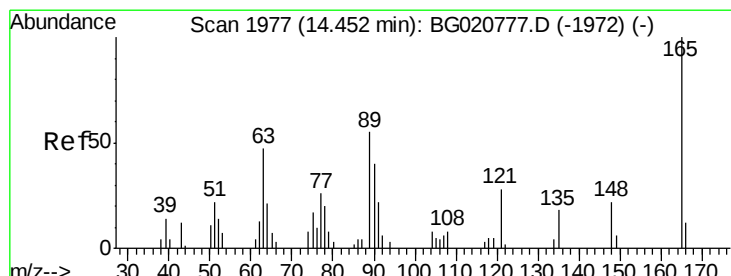
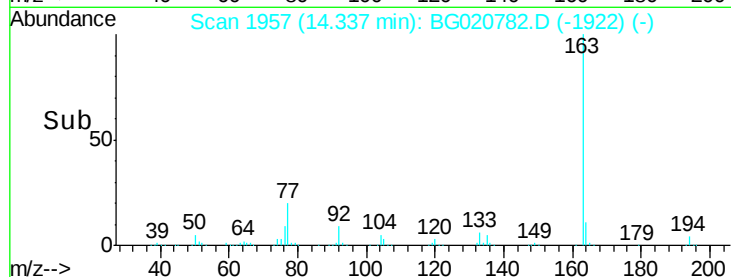
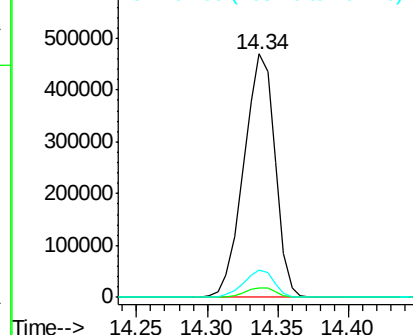
163 100

194 4.0 4.0 6.0#

164 11.4 8.4 12.6



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: 70.32 ng/ul

RT: 14.46 min Scan# 1978

Delta R.T. 0.01 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

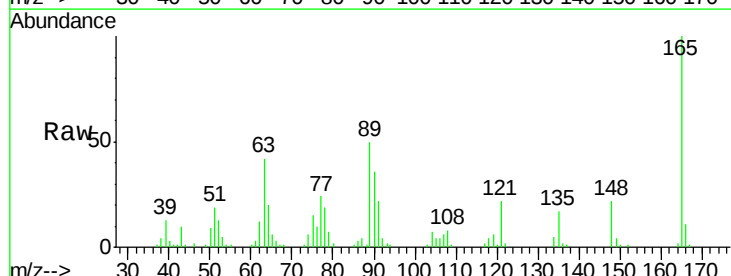
Tgt Ion:165 Resp: 43224

Ion Ratio Lower Upper

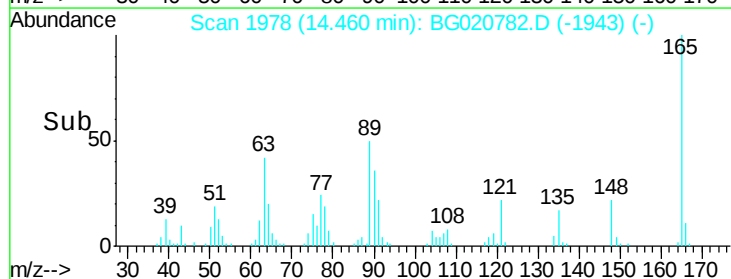
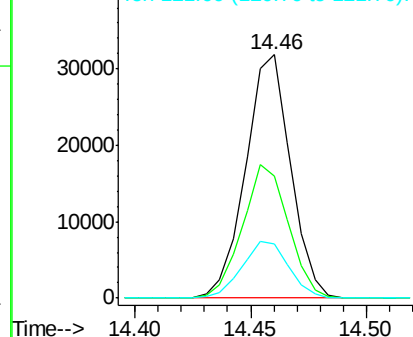
165 100

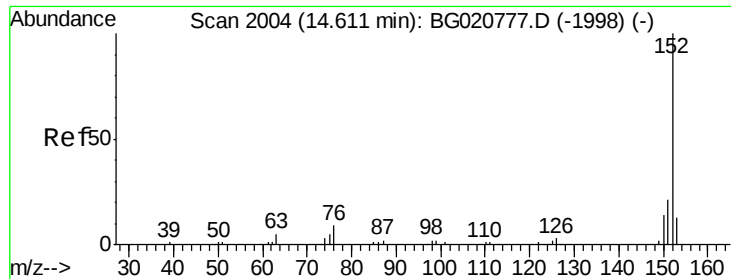
89 50.4 43.8 65.8

121 22.1 17.8 26.6



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





#48

Acenaphthylene

Concen: 82.28 ng/ul

RT: 14.61 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

Instrument :

BNA_G

ClientSampleId :

SSTD02012

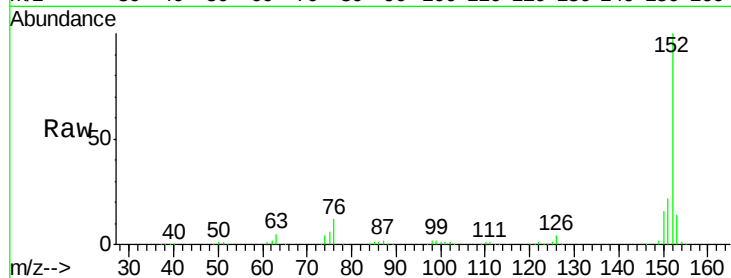
Tgt Ion:152 Resp: 490682

Ion Ratio Lower Upper

152 100

151 22.0 16.1 24.1

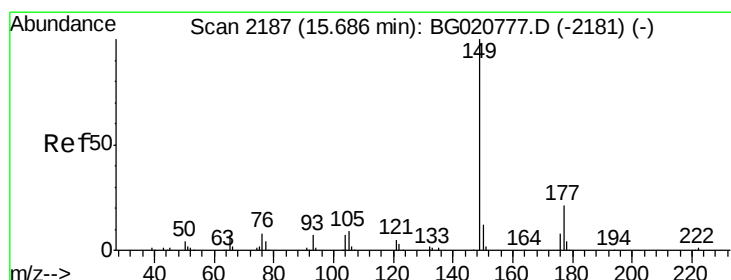
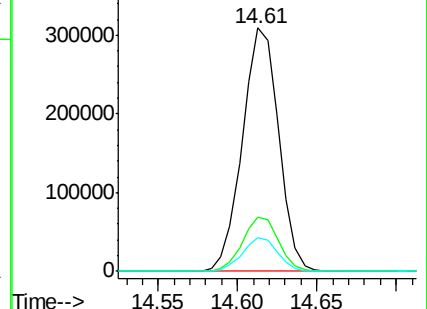
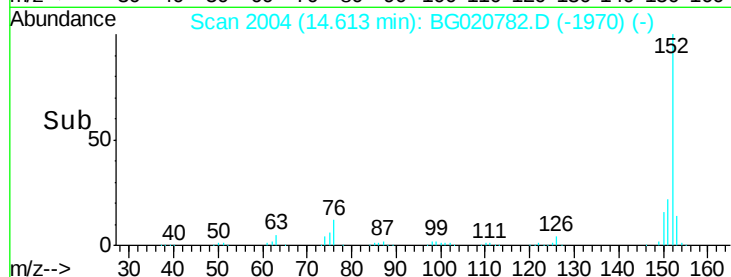
153 13.9 10.8 16.2



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



#57

Diethylphthalate

Concen: 175.29 ng/ul

RT: 15.69 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

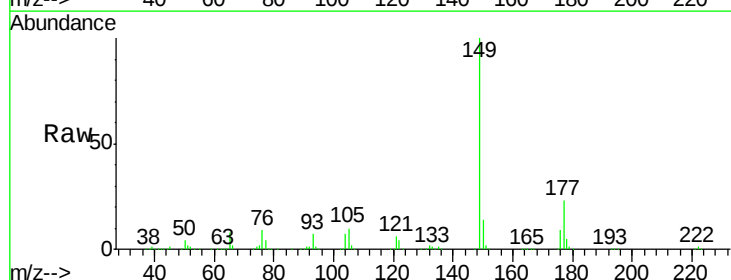
Tgt Ion:149 Resp: 856563

Ion Ratio Lower Upper

149 100

177 23.1 19.3 28.9

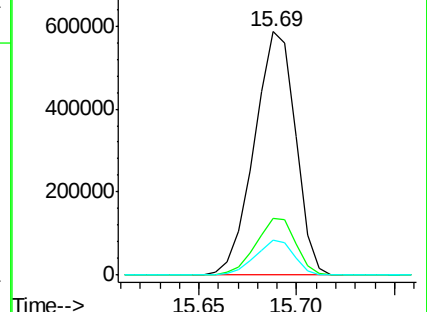
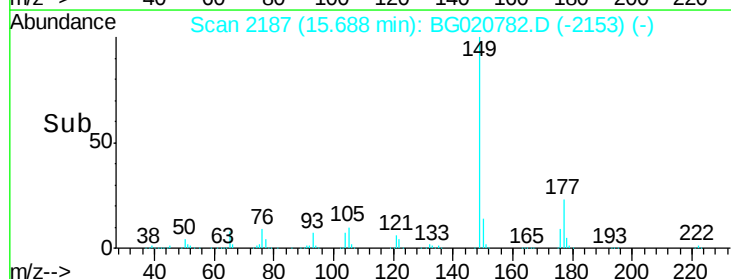
150 14.2 10.6 15.8

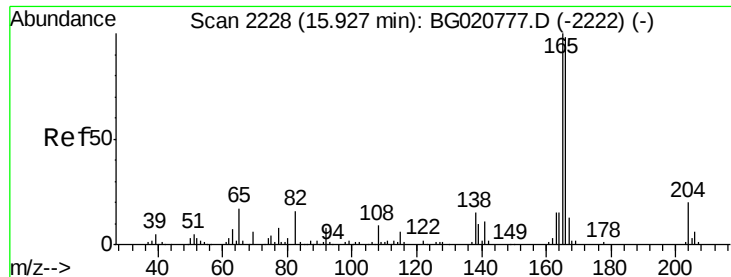


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 151.12 ng/ul

RT: 15.93 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

Instrument :

BNA_G

ClientSampleId :

SSTD02012

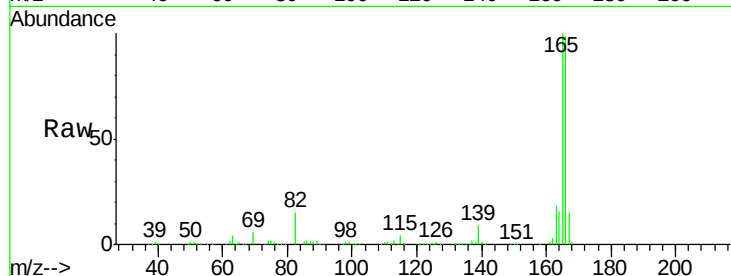
Tgt Ion:166 Resp: 716664

Ion Ratio Lower Upper

166 100

165 101.4 78.4 117.6

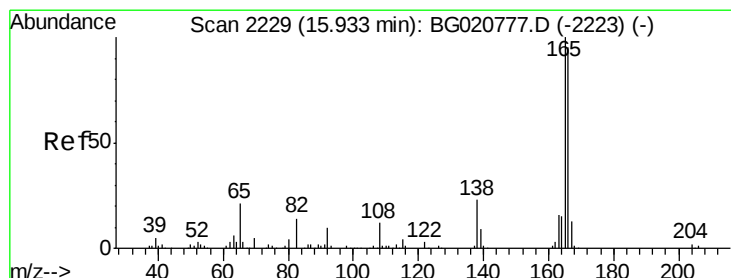
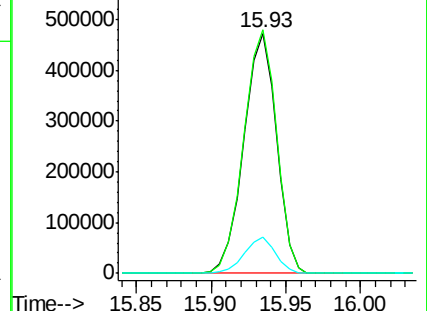
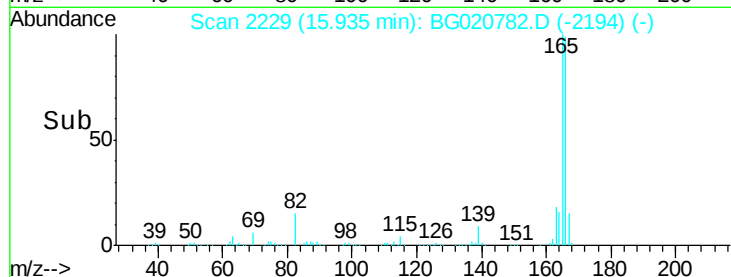
167 14.8 11.1 16.7



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: 8.51 ng/ul

RT: 15.93 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

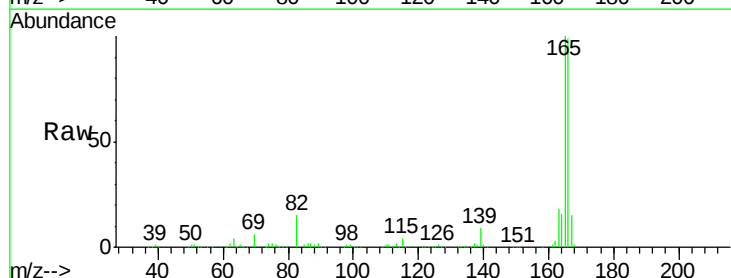
Tgt Ion:138 Resp: 8579

Ion Ratio Lower Upper

138 100

92 0.0 38.2 57.4#

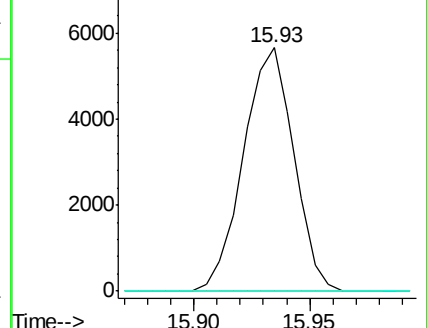
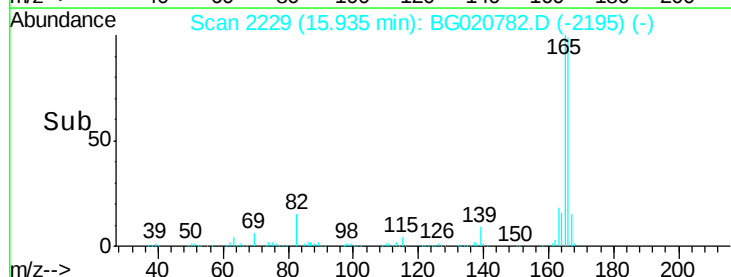
108 0.0 70.0 105.0#

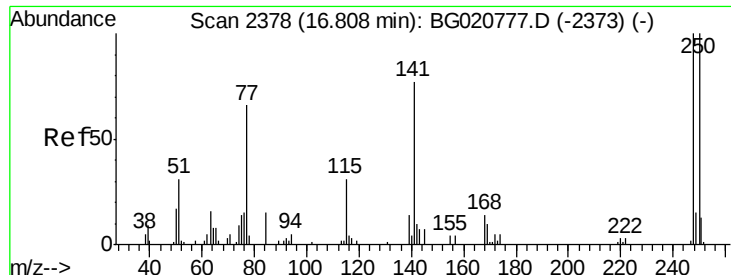


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

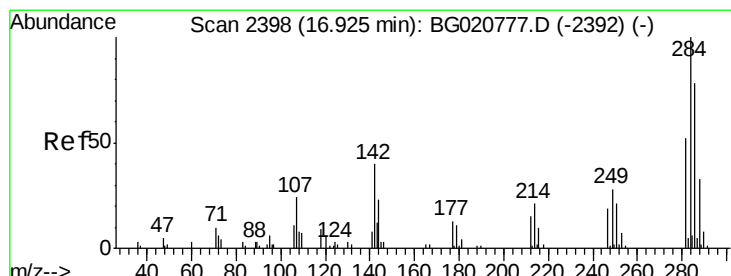
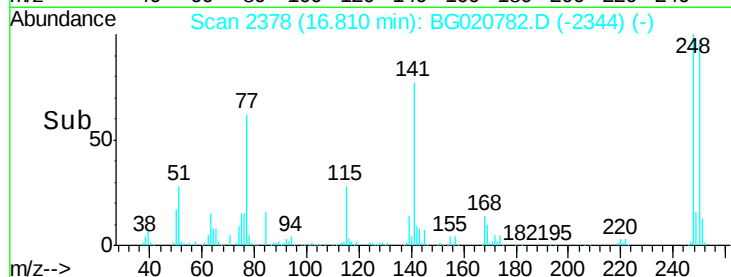
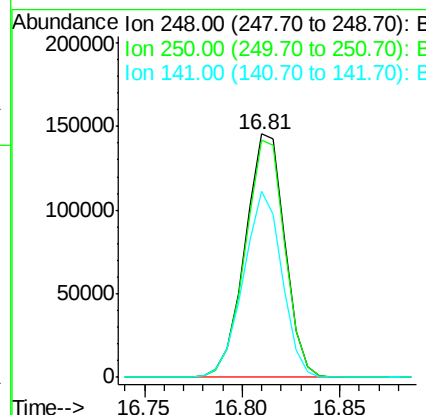
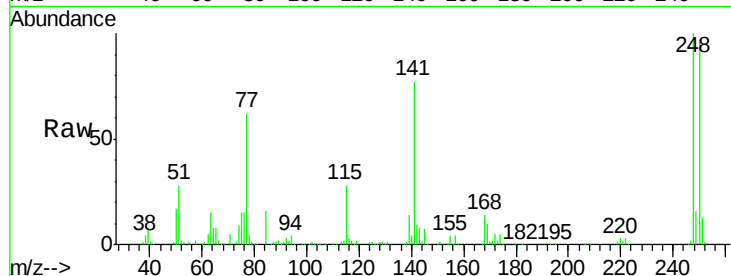




#66
 4-Bromophenyl-phenylether
 Concen: 166.96 ng/ul
 RT: 16.81 min Scan# 2378
 Delta R.T. 0.00 min
 Lab File: BG020782.D
 Acq: 1 Feb 2016 22:31

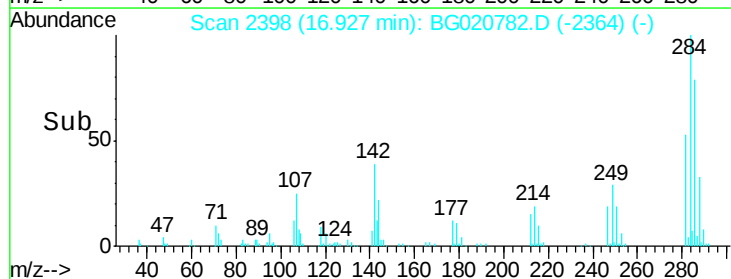
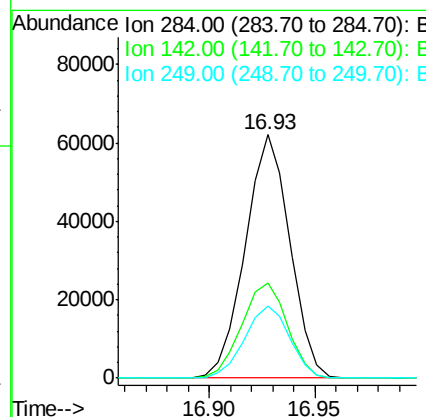
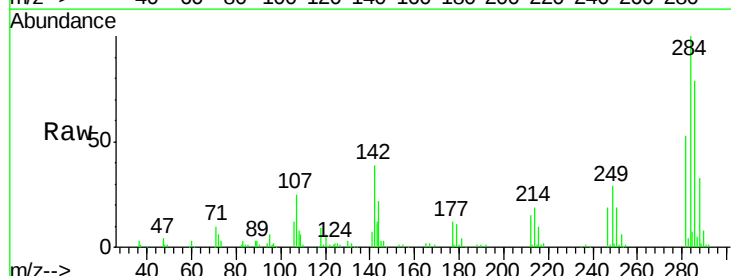
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02012

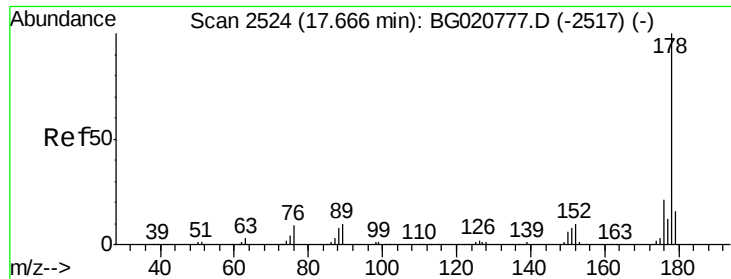
Tgt Ion:248 Resp: 205101
 Ion Ratio Lower Upper
 248 100
 250 97.4 79.0 118.4
 141 76.6 51.9 77.9



#67
 Hexachlorobenzene
 Concen: 66.56 ng/ul
 RT: 16.93 min Scan# 2398
 Delta R.T. 0.00 min
 Lab File: BG020782.D
 Acq: 1 Feb 2016 22:31

Tgt Ion:284 Resp: 90949
 Ion Ratio Lower Upper
 284 100
 142 38.9 21.3 31.9#
 249 29.4 26.3 39.5





#70

Phenanthrene

Concen: 52.32 ng/u1

RT: 17.67 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

Instrument :

BNA_G

ClientSampleId :

SSTD02012

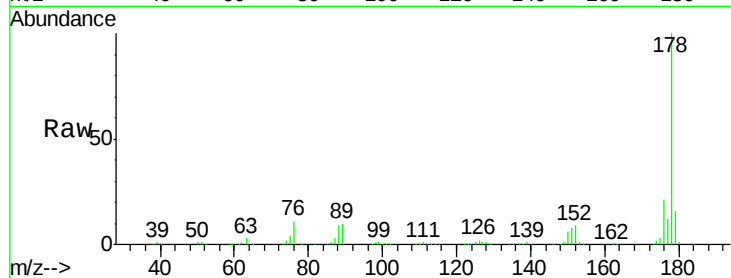
Tgt Ion:178 Resp: 378449

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

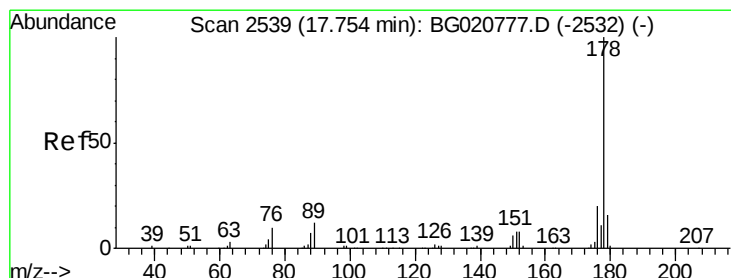
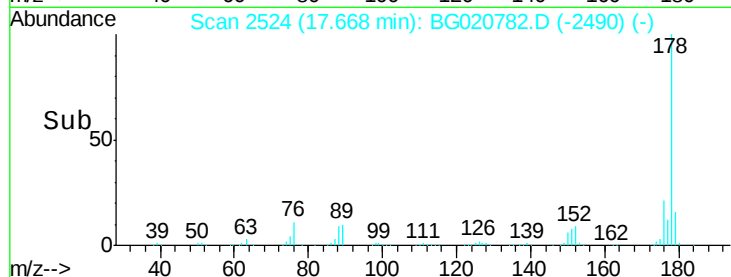
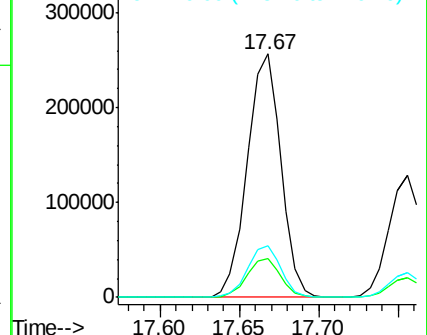
176 21.0 15.4 23.0



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: 25.85 ng/u1

RT: 17.76 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

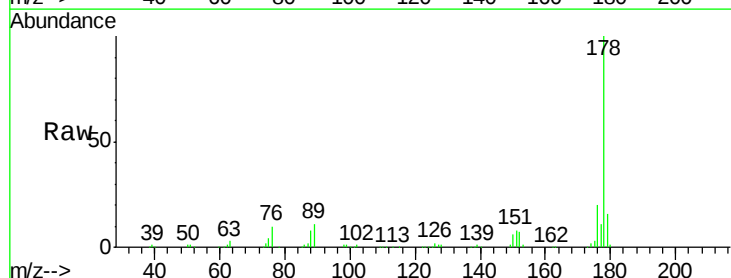
Tgt Ion:178 Resp: 186976

Ion Ratio Lower Upper

178 100

179 15.8 13.4 20.2

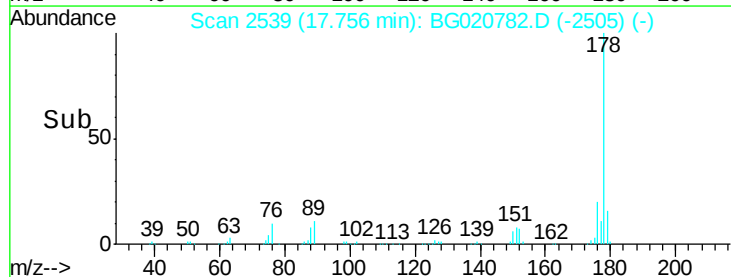
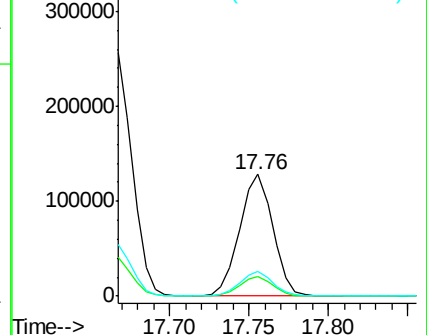
176 20.2 15.4 23.0

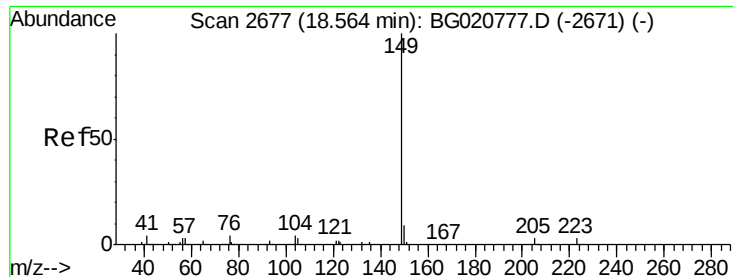


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

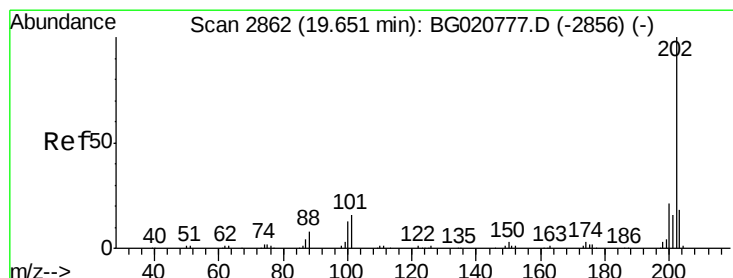
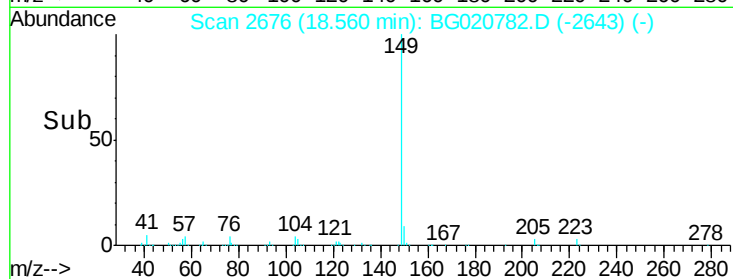
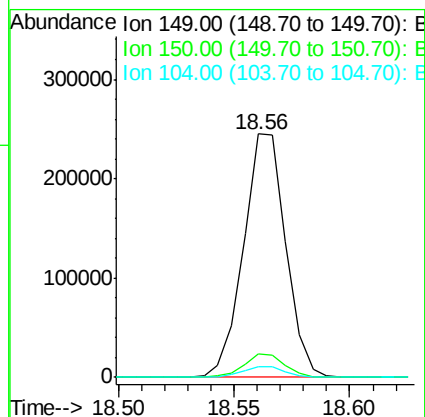
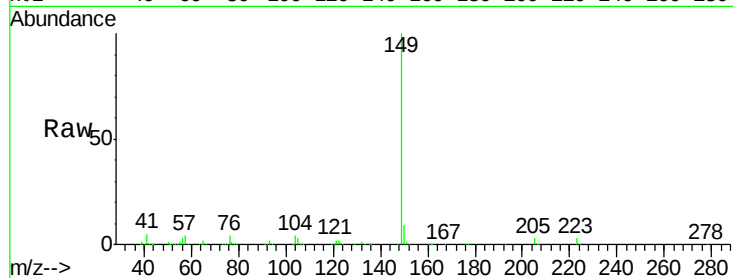




#76
Di-n-butylphthalate
Concen: 40.68 ng/ul
RT: 18.56 min Scan# 2676
Delta R.T. -0.00 min
Lab File: BG020782.D
Acq: 1 Feb 2016 22:31

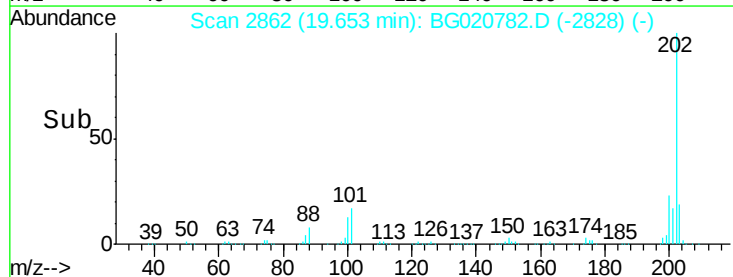
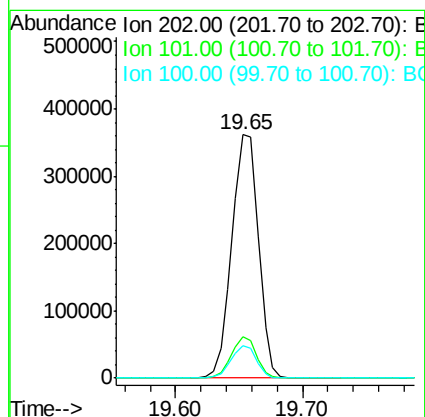
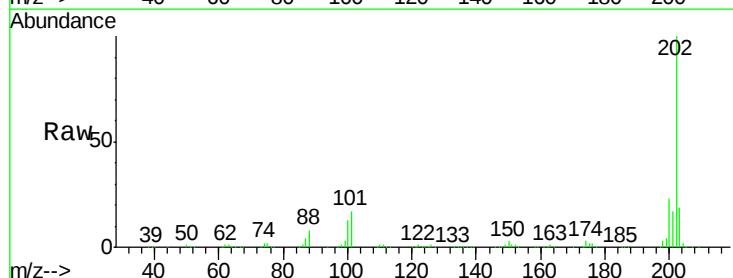
Instrument :
BNA_G
ClientSampleId :
SSTD02012

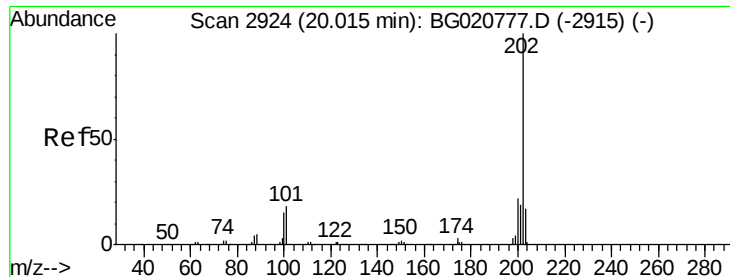
Tgt Ion:149 Resp: 312642
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.5 4.1 6.1



#77
Fluoranthene
Concen: 70.37 ng/ul
RT: 19.65 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BG020782.D
Acq: 1 Feb 2016 22:31

Tgt Ion:202 Resp: 523026
Ion Ratio Lower Upper
202 100
101 16.9 6.1 9.1#
100 13.3 4.6 7.0#

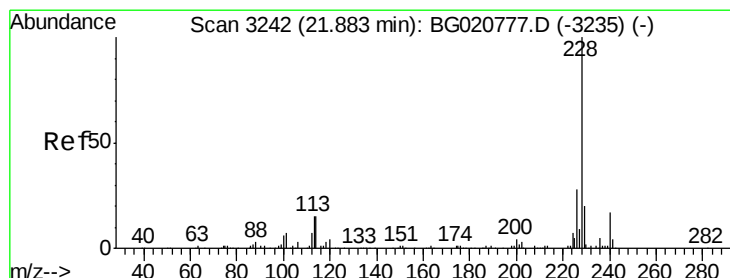
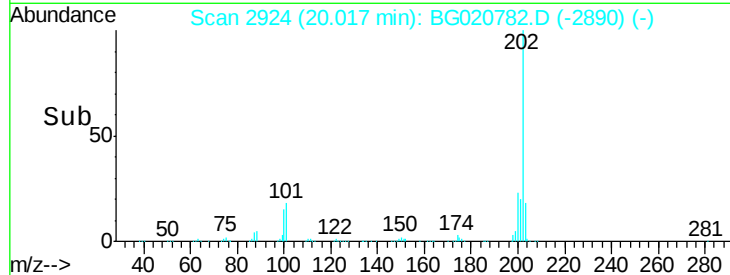
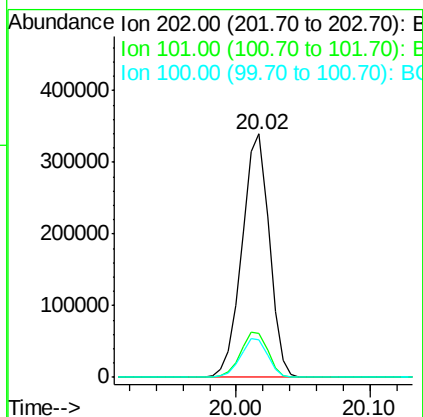
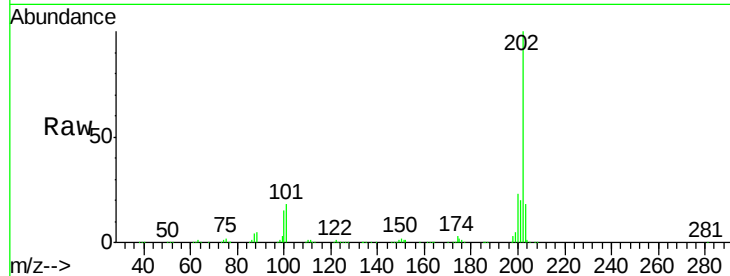




#80
 Pyrene
 Concen: 61.04 ng/ul
 RT: 20.02 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BG020782.D
 Acq: 1 Feb 2016 22:31

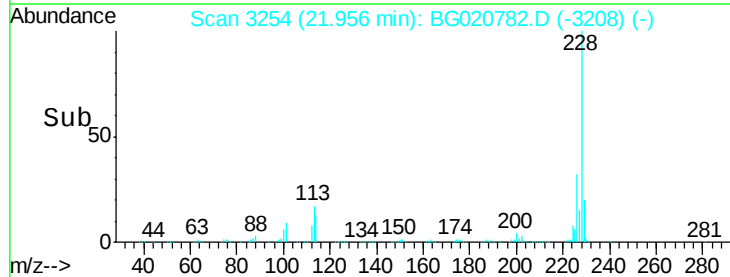
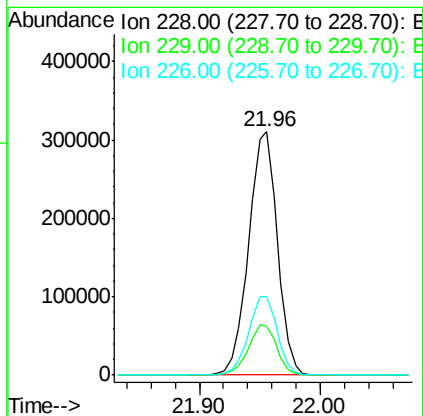
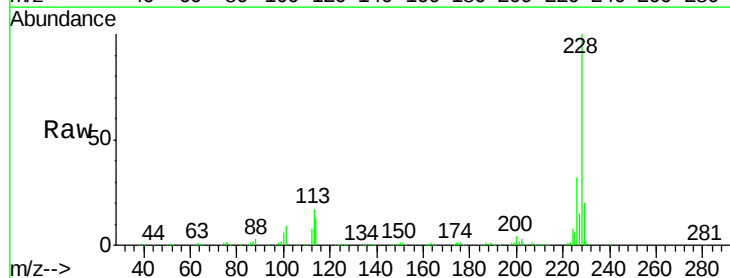
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02012

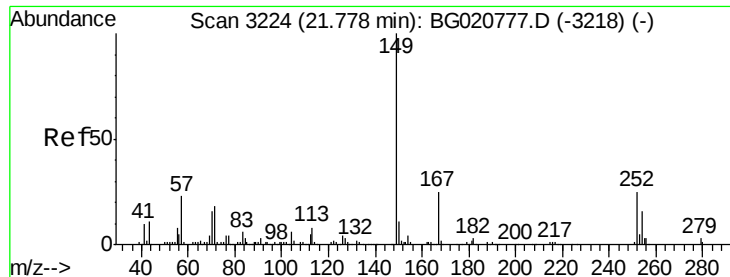
Tgt Ion:202 Resp: 479304
 Ion Ratio Lower Upper
 202 100
 101 18.0 6.9 10.3#
 100 15.3 5.6 8.4#



#83
 Benzo(a)anthracene
 Concen: 77.00 ng/ul
 RT: 21.96 min Scan# 3254
 Delta R.T. 0.07 min
 Lab File: BG020782.D
 Acq: 1 Feb 2016 22:31

Tgt Ion:228 Resp: 515070
 Ion Ratio Lower Upper
 228 100
 229 20.3 16.0 24.0
 226 32.4 21.8 32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 41.34 ng/ul

RT: 21.77 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

Instrument :

BNA_G

ClientSampleId :

SSTD02012

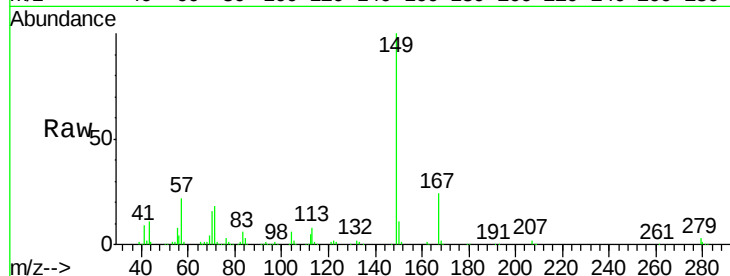
Tgt Ion:149 Resp: 197320

Ion Ratio Lower Upper

149 100

167 24.5 23.0 34.6

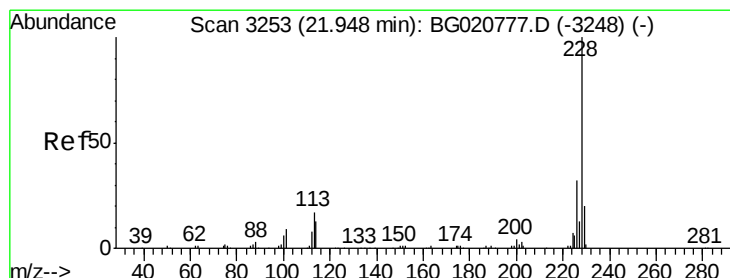
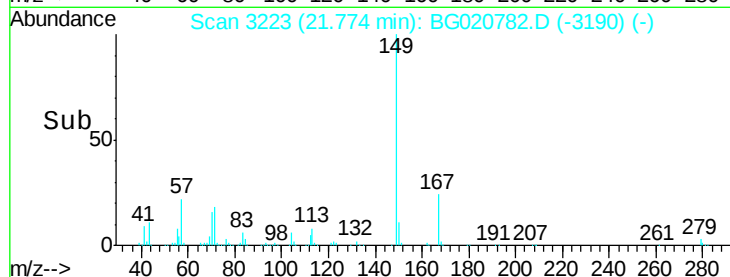
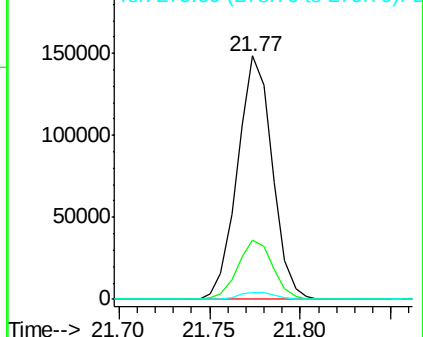
279 3.0 4.3 6.5#



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: 82.90 ng/ul

RT: 21.96 min Scan# 3254

Delta R.T. 0.01 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

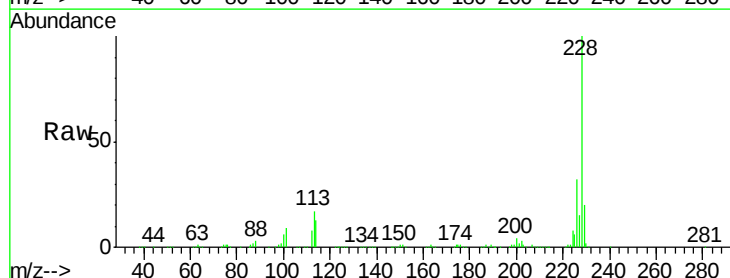
Tgt Ion:228 Resp: 515070

Ion Ratio Lower Upper

228 100

226 32.4 24.1 36.1

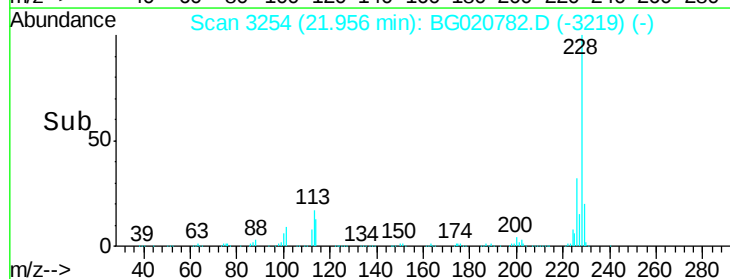
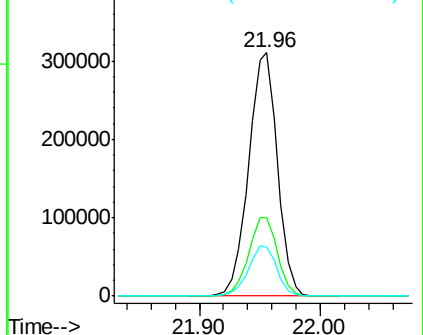
229 20.3 16.0 24.0

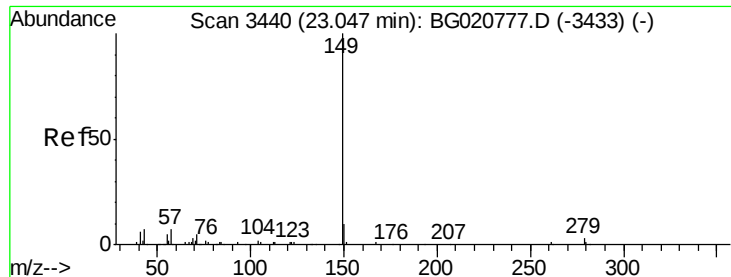


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 200.60 ng/uI

RT: 23.05 min Scan# 3441

Delta R.T. 0.01 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

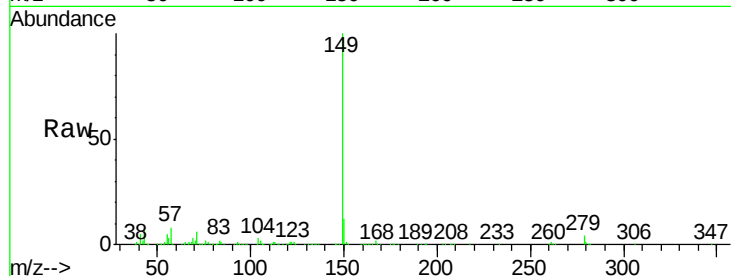
Instrument :

BNA_G

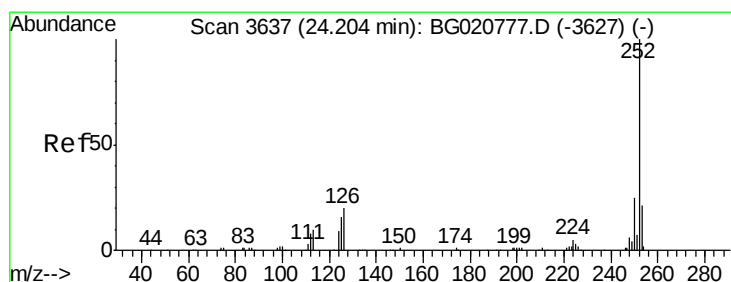
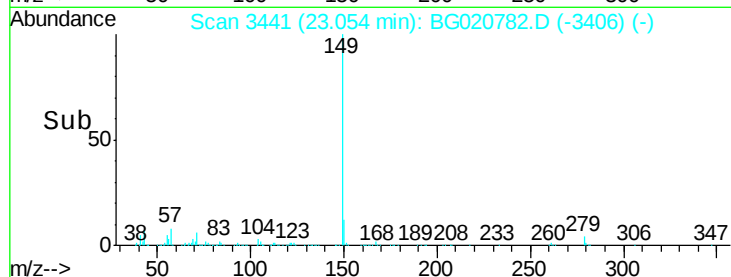
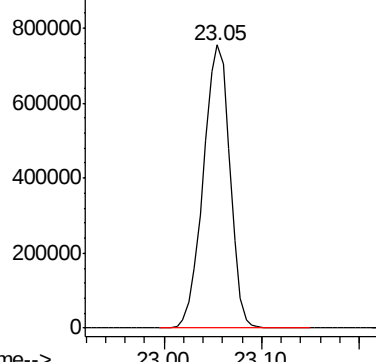
ClientSampleId :

SSTD02012

Tgt Ion:149 Resp: 1420826



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 72.58 ng/uI

RT: 24.21 min Scan# 3638

Delta R.T. 0.01 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

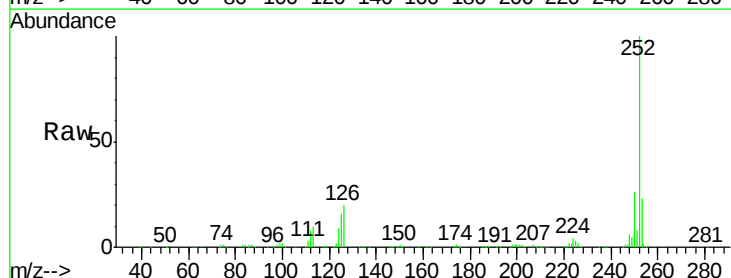
Tgt Ion:252 Resp: 417240

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

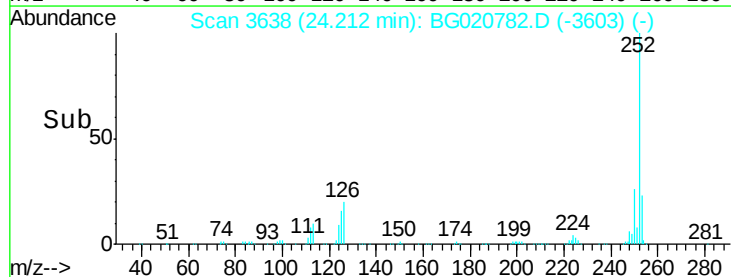
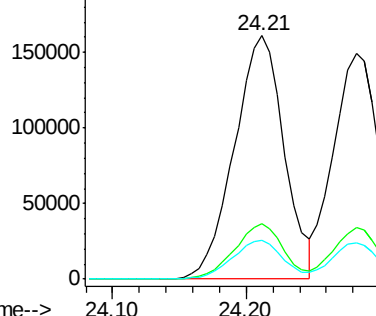
125 16.1 4.9 7.3#

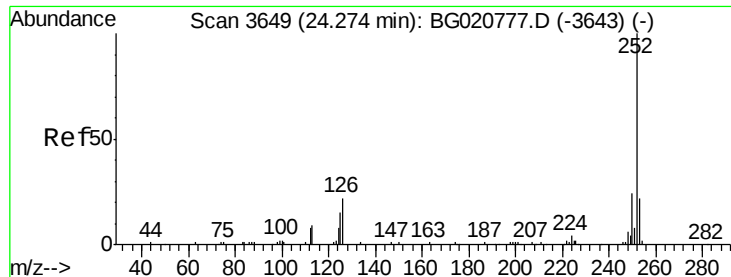


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 62.55 ng/ul

RT: 24.28 min Scan# 3650

Delta R.T. 0.01 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

Instrument :

BNA_G

ClientSampleId :

SSTD02012

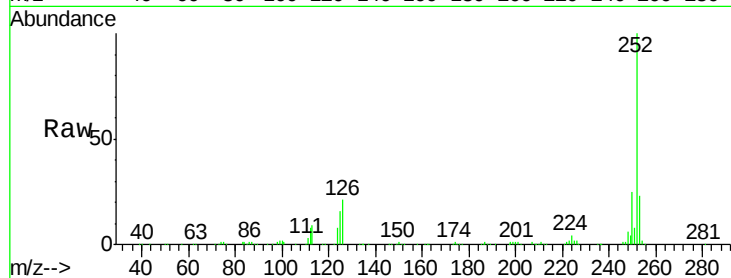
Tgt Ion:252 Resp: 352254

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

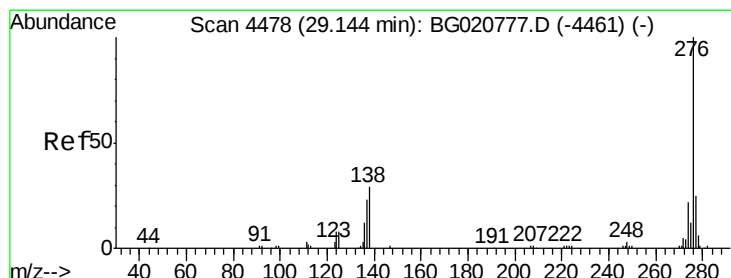
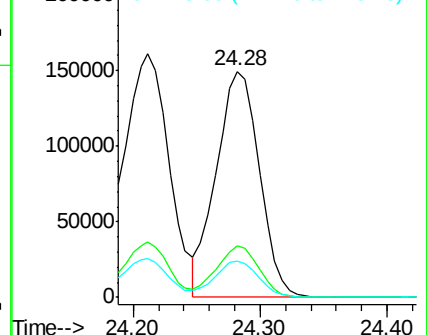
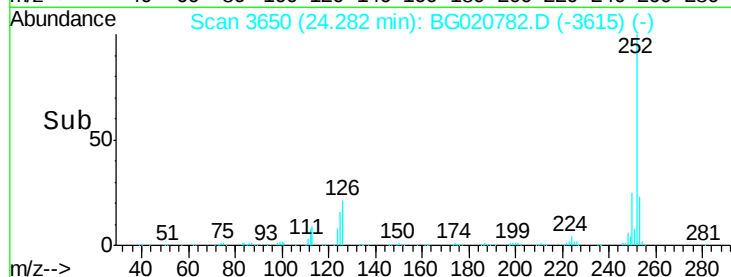
125 16.0 5.4 8.0#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 79.75 ng/ul

RT: 29.19 min Scan# 4485

Delta R.T. 0.04 min

Lab File: BG020782.D

Acq: 1 Feb 2016 22:31

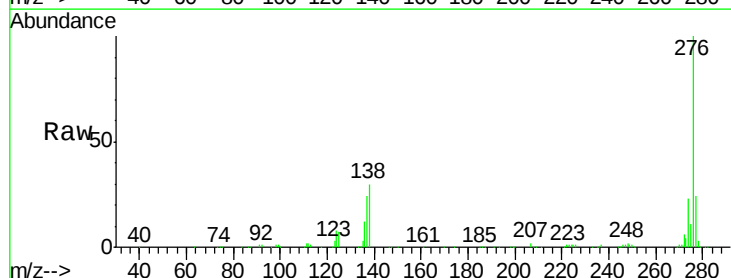
Tgt Ion:276 Resp: 512750

Ion Ratio Lower Upper

276 100

138 29.6 10.9 16.3#

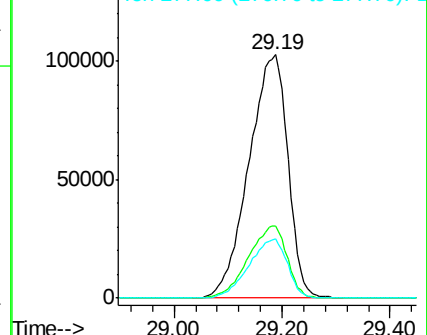
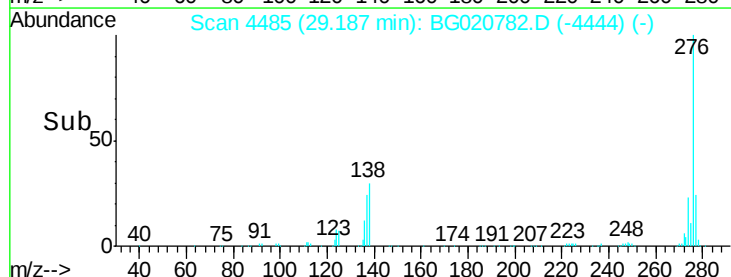
277 24.3 18.9 28.3

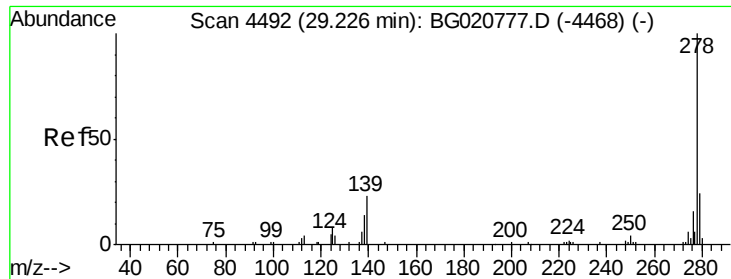


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

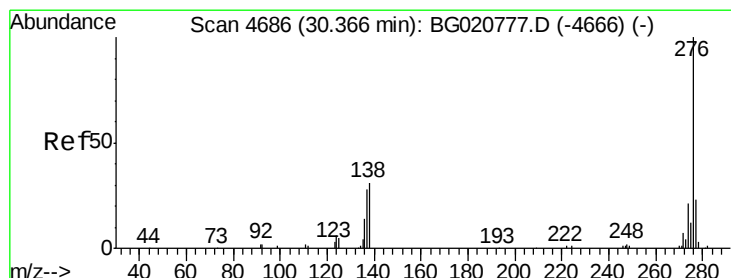
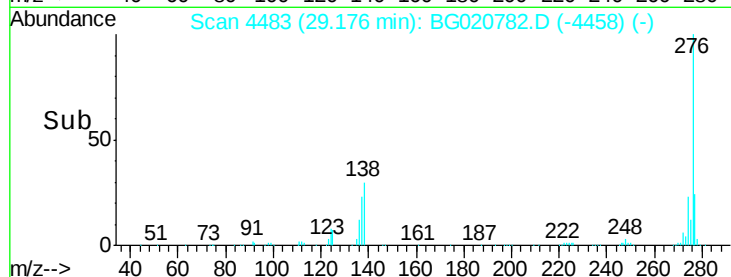
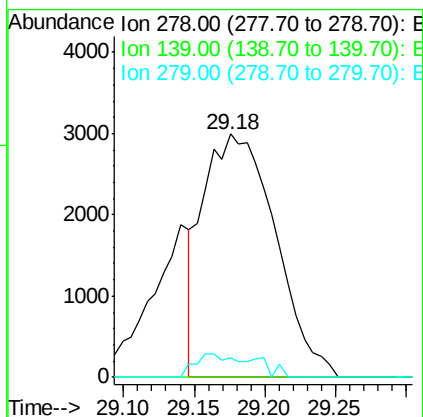
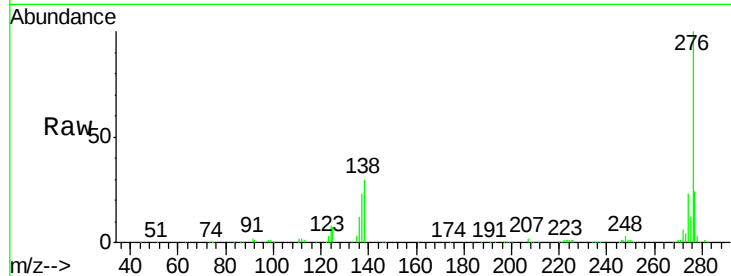




#93
 Dibenzo(a,h)anthracene
 Concen: 2.00 ng/ul
 RT: 29.18 min Scan# 4483
 Delta R.T. -0.05 min
 Lab File: BG020782.D
 Acq: 1 Feb 2016 22:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02012

Tgt Ion: 278 Resp: 10626
 Ion Ratio Lower Upper
 278 100
 139 0.0 9.0 13.4#
 279 7.9 19.1 28.7#



#94
 Benzo(g,h,i)perylene
 Concen: 137.81 ng/ul
 RT: 30.44 min Scan# 4698
 Delta R.T. 0.07 min
 Lab File: BG020782.D
 Acq: 1 Feb 2016 22:31

Tgt Ion: 276 Resp: 727250
 Ion Ratio Lower Upper
 276 100
 138 32.6 11.2 16.8#
 277 24.5 19.0 28.6

