

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020121.D
 Acq On : 12 Dec 2015 00:40
 Operator : UM/SJ
 Sample : PB87210BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87210BSD

Quant Time: Dec 12 02:39:11 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	22361	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	96576	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	70298	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	185085	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	216750	20.00	ng	-0.05
86) Perylene-d12	25.01	264	200073	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	98678	79.76	ng	-0.02
7) Phenol-d6	7.26	99	146390	78.37	ng	-0.02
23) Nitrobenzene-d5	9.27	82	132586	70.06	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	79250	73.68	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	342196	66.47	ng	-0.04
78) Terphenyl-d14	20.07	244	629583	70.85	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	14998	31.12	ng	# 100
3) Pyridine	3.91	79	46510	31.77	ng	# 89
4) n-Nitrosodimethylamine	3.82	42	24346	31.62	ng	# 89
6) Aniline	7.42	93	48803	20.17	ng	# 87
8) 2-Chlorophenol	7.67	128	57384	38.04	ng	# 99
9) Benzaldehyde	7.23	77	30742	24.68	ng	# 94
10) Phenol	7.28	94	78731	40.05	ng	# 81
11) bis(2-Chloroethyl)ether	7.51	93	50159	34.45	ng	# 88
12) 1,3-Dichlorobenzene	7.99	146	57318	33.52	ng	# 94
13) 1,4-Dichlorobenzene	8.14	146	58787	33.29	ng	# 96
14) 1,2-Dichlorobenzene	8.45	146	56907	33.78	ng	# 95
15) Benzyl Alcohol	8.34	79	59394	36.23	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	8.64	45	73302	30.87	ng	# 94
17) 2-Methylphenol	8.54	107	54105	38.98	ng	# 93
18) Hexachloroethane	9.19	117	21216	32.08	ng	# 99
19) n-Nitroso-di-n-propylamine	8.91	70	47008	31.91	ng	# 91
20) 3+4-Methylphenols	8.87	107	74568	38.15	ng	# 93
22) Acetophenone	8.92	105	86799	32.79	ng	# 95
24) Nitrobenzene	9.31	77	70293	34.24	ng	# 95
25) Isophorone	9.83	82	131501	32.41	ng	# 97
26) 2-Nitrophenol	10.02	139	33302	42.01	ng	# 75
27) 2,4-Dimethylphenol	10.08	122	61369	37.17	ng	# 92
28) bis(2-Chloroethoxy)methane	10.32	93	74597	37.63	ng	# 98
29) 2,4-Dichlorophenol	10.56	162	67845	40.23	ng	# 97
30) 1,2,4-Trichlorobenzene	10.77	180	63613	33.37	ng	# 95
31) Naphthalene	10.97	128	177719	34.35	ng	# 100
32) Benzoic acid	10.21	122	49328	44.79	ng	# 85
33) 4-Chloroaniline	11.07	127	23857	10.46	ng	# 93
34) Hexachlorobutadiene	11.25	225	44992	32.00	ng	# 95
35) Caprolactam	11.85	113	24694m	39.33	ng	# 95
36) 4-Chloro-3-methylphenol	12.18	107	78527	37.39	ng	# 95
37) 2-Methylnaphthalene	12.57	142	137752	36.33	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	88328	33.11	ng	# 98
40) Hexachlorocyclopentadiene	12.91	237	117268	77.09	ng	# 100

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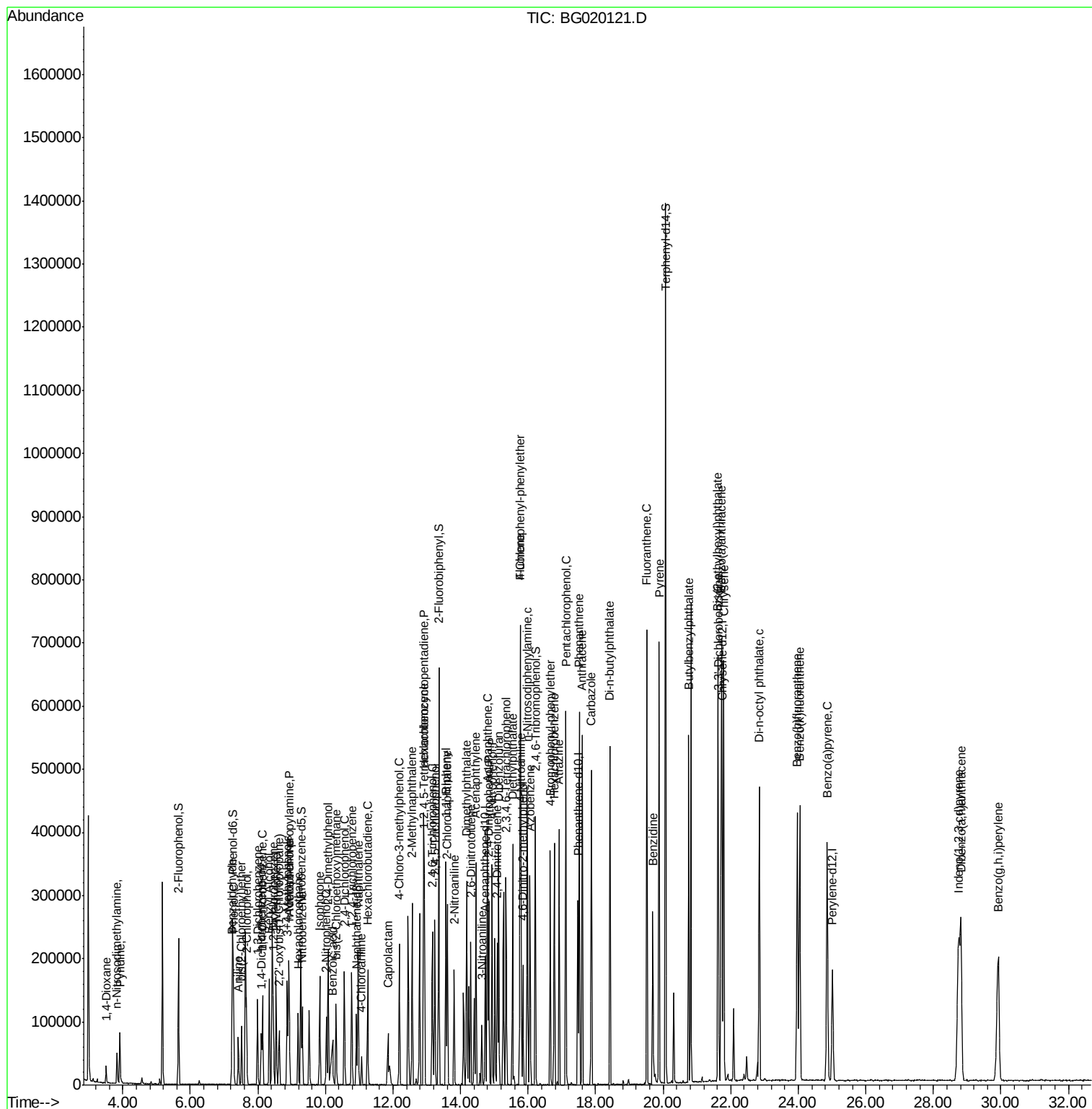
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	65802	37.26	nq	97
43) 2,4,5-Trichlorophenol	13.24	196	72347	38.76	nq	98
45) 1,1'-Biphenyl	13.57	154	187233	32.45	nq	98
46) 2-Chloronaphthalene	13.61	162	150623	33.87	nq	96
47) 2-Nitroaniline	13.81	65	55439	39.47	nq	87
48) Acenaphthylene	14.45	152	254867	33.65	nq	99
49) Dimethylphthalate	14.18	163	216079	34.17	nq	# 98
50) 2,6-Dinitrotoluene	14.30	165	48168	40.51	nq	# 83
51) Acenaphthene	14.79	154	149133	32.45	nq	99
52) 3-Nitroaniline	14.63	138	23387	18.93	nq	93
53) 2,4-Dinitrophenol	14.83	184	66101	101.64	nq	# 86
54) Dibenzofuran	15.13	168	256816	37.56	nq	94
55) 4-Nitrophenol	14.93	139	83614	77.73	nq	# 66
56) 2,4-Dinitrotoluene	15.09	165	69182	41.71	nq	# 95
57) Fluorene	15.77	166	206548	33.75	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.35	232	72145	41.76	nq	94
59) Diethylphthalate	15.54	149	222902	32.57	nq	98
60) 4-Chlorophenyl-phenylether	15.76	204	116893	33.27	nq	97
61) 4-Nitroaniline	15.79	138	50903	36.64	nq	# 82
62) Azobenzene	16.06	77	199855	35.10	nq	94
64) 4,6-Dinitro-2-methylphenol	15.85	198	46080	44.79	nq	94
65) n-Nitrosodiphenylamine	15.97	169	193324	36.09	nq	95
66) 4-Bromophenyl-phenylether	16.66	248	79643	34.63	nq	97
67) Hexachlorobenzene	16.77	284	85512	35.69	nq	99
68) Atrazine	16.92	200	82621	35.50	nq	94
69) Pentachlorophenol	17.12	266	111867	80.00	nq	94
70) Phenanthrene	17.51	178	372038	35.53	nq	96
71) Anthracene	17.60	178	373923	35.06	nq	96
72) Carbazole	17.87	167	332903	35.43	nq	97
73) Di-n-butylphthalate	18.42	149	389540	33.82	nq	98
74) Fluoranthene	19.52	202	466912	34.86	nq	94
76) Benzidine	19.69	184	198678	27.91	nq	97
77) Pyrene	19.88	202	474354	37.20	nq	95
79) Butylbenzylphthalate	20.76	149	170443	34.10	nq	94
80) Benzo(a)anthracene	21.72	228	461697	34.80	nq	98
81) 3,3'-Dichlorobenzidine	21.63	252	103725	20.53	nq	98
82) Chrysene	21.79	228	412749	32.76	nq	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	244663	33.36	nq	96
84) Di-n-octyl phthalate	22.84	149	416985	34.97	nq	# 96
85) Indeno(1,2,3-cd)pyrene	28.75	276	507120	36.54	nq	# 100
87) Benzo(b)fluoranthene	23.97	252	452555	35.69	nq	# 95
88) Benzo(k)fluoranthene	24.04	252	426679	33.98	nq	# 94
89) Benzo(a)pyrene	24.86	252	425963	35.38	nq	# 96
90) Dibenzo(a,h)anthracene	28.81	278	420497	35.35	nq	# 94
91) Benzo(g,h,i)perylene	29.92	276	418670	35.85	nq	# 91

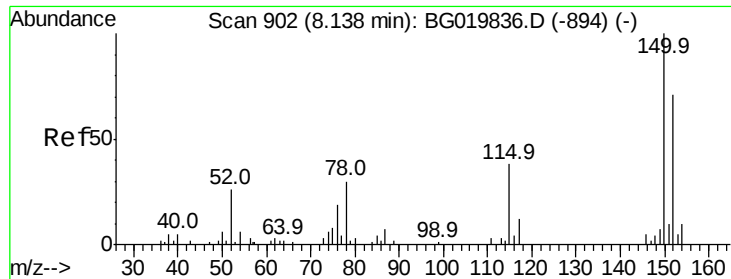
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

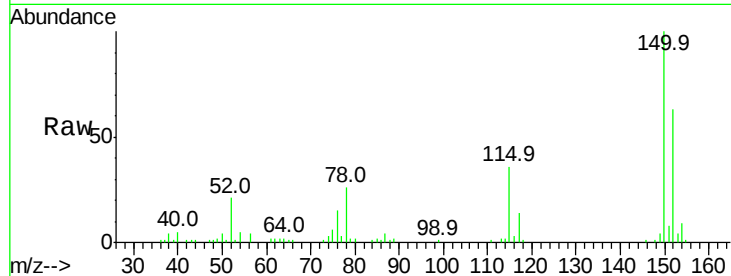
Tot Ion:152 Resp: 22361

Ion Ratio Lower Upper

152 100

150 159.5 115.0 172.4

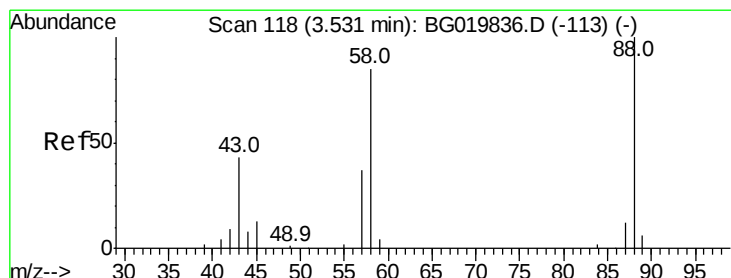
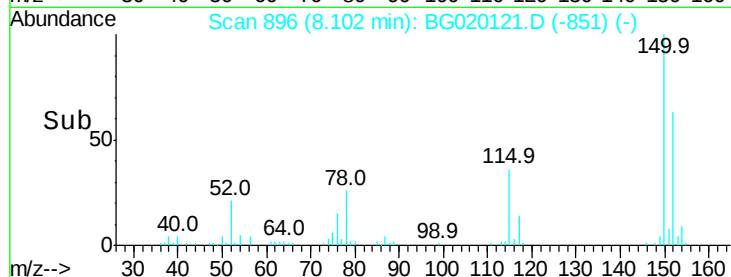
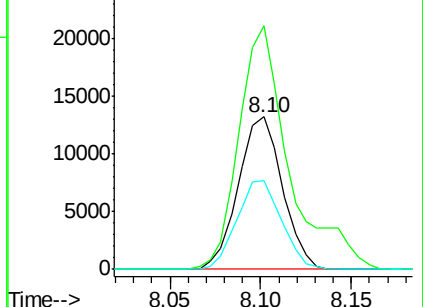
115 58.0 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.12 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.02 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

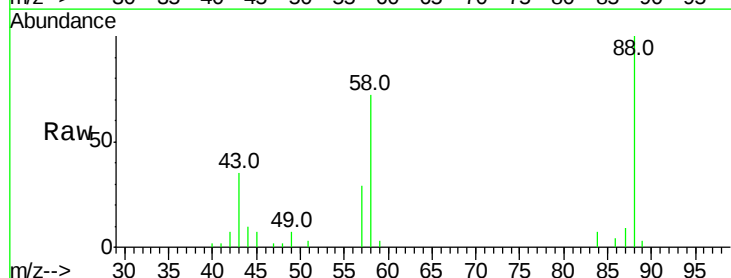
Tgt Ion: 88 Resp: 14998

Ion Ratio Lower Upper

88 100

58 84.0 0.0 0.0#

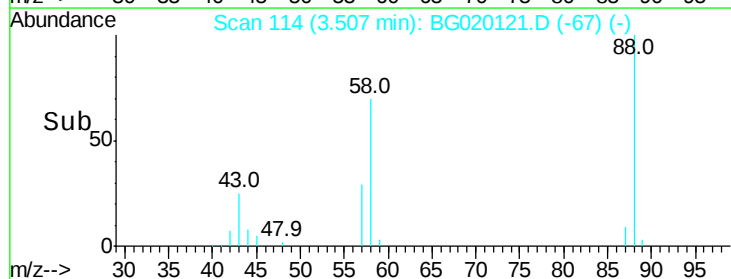
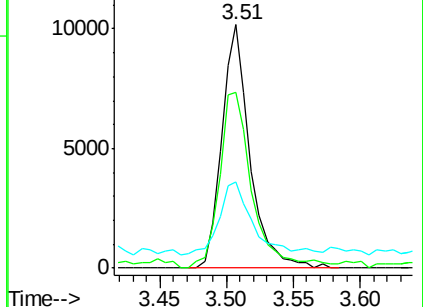
43 35.5 0.0 0.0#

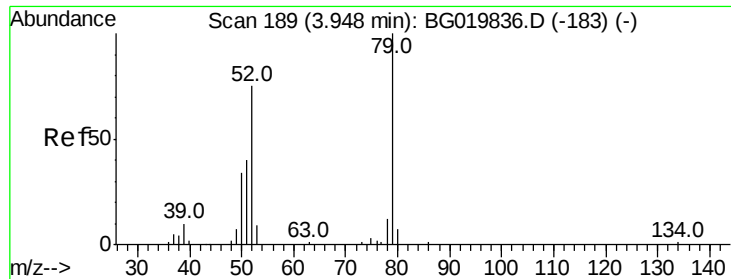


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.77 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

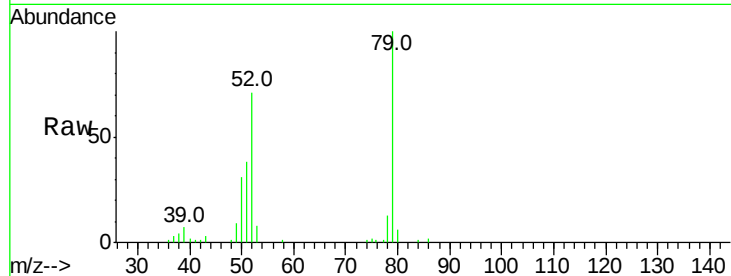
Tot Ion: 79 Resp: 46510

Ion Ratio Lower Upper

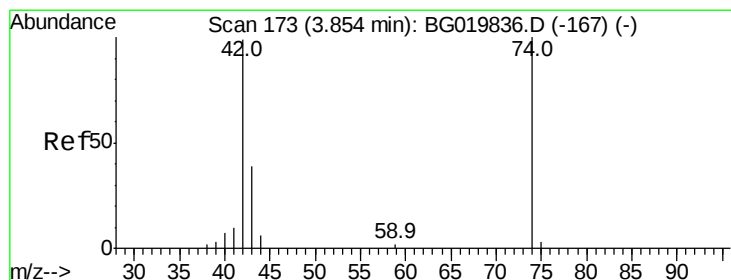
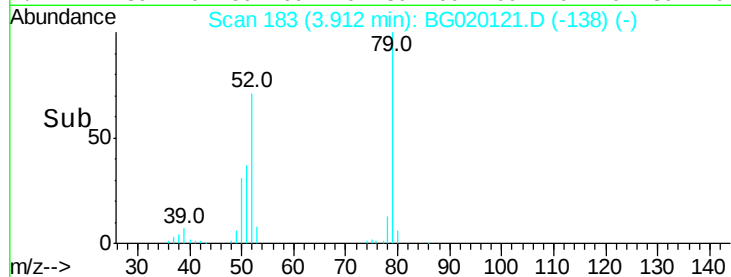
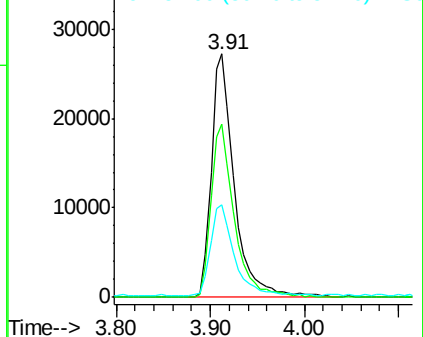
79 100

52 71.0 50.3 75.5

51 38.3 24.8 37.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 31.62 ng

RT: 3.82 min Scan# 168

Delta R.T. -0.03 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

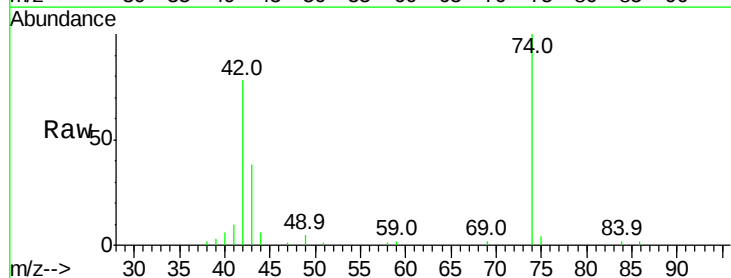
Tgt Ion: 42 Resp: 24346

Ion Ratio Lower Upper

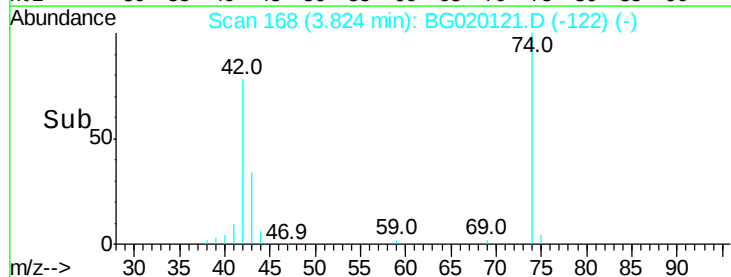
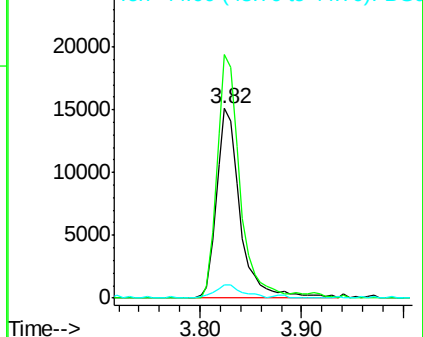
42 100

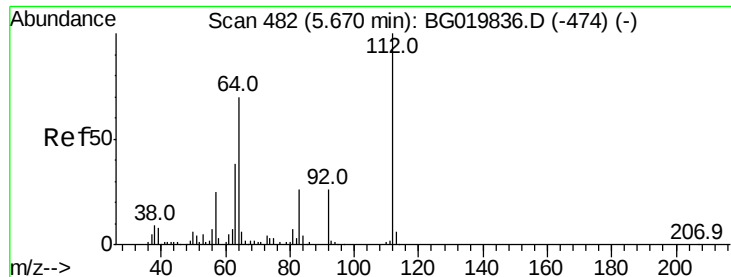
74 128.6 113.9 170.9

44 7.2 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 79.76 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.02 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

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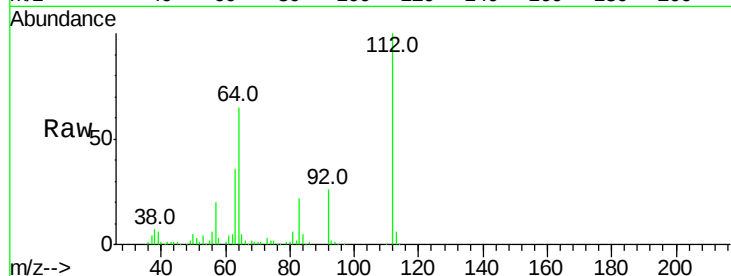
Tot Ion:112 Resp: 98678

Ion Ratio Lower Upper

112 100

64 64.8 43.7 65.5

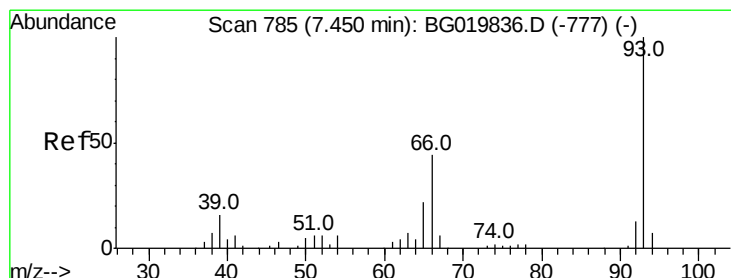
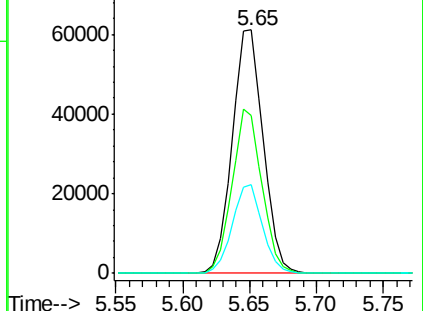
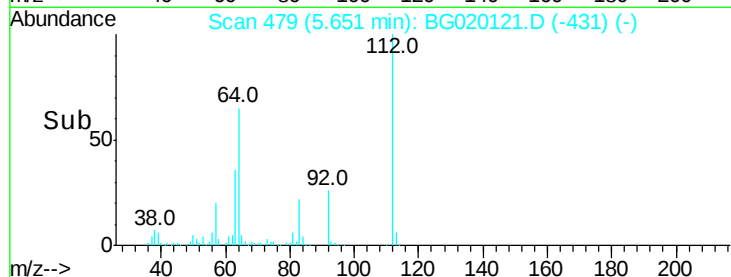
63 36.2 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.17 ng

RT: 7.42 min Scan# 780

Delta R.T. -0.03 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

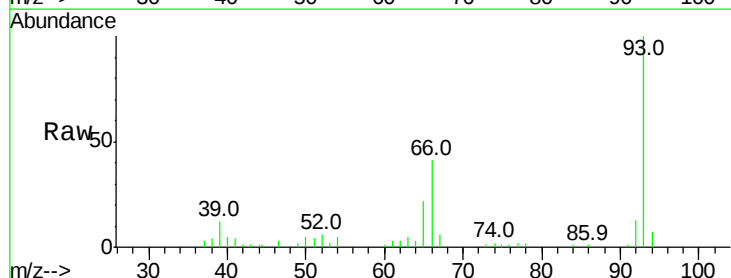
Tgt Ion: 93 Resp: 48803

Ion Ratio Lower Upper

93 100

66 41.4 26.2 39.2#

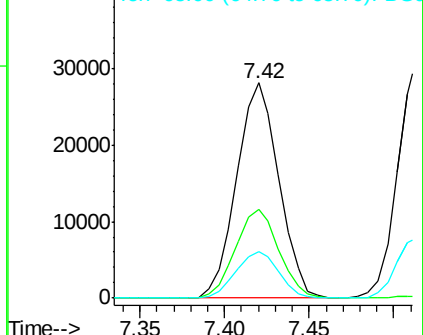
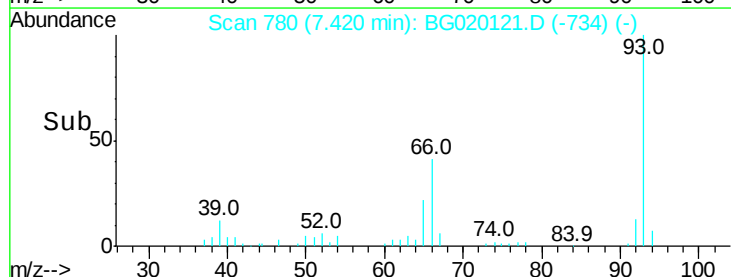
65 21.5 14.0 21.0#

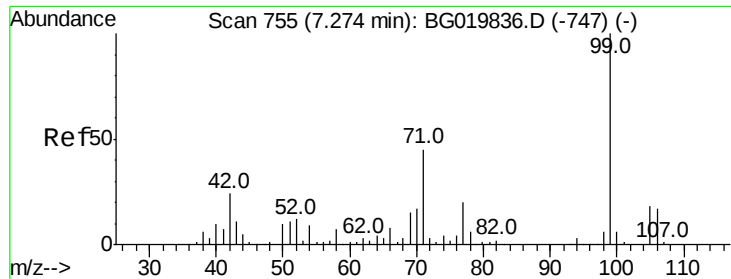


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.37 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

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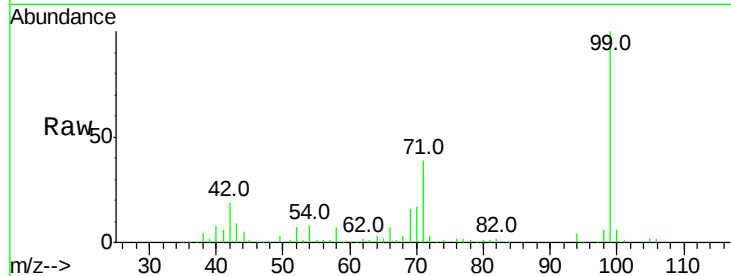
Tot Ion: 99 Resp: 146390

Ion Ratio Lower Upper

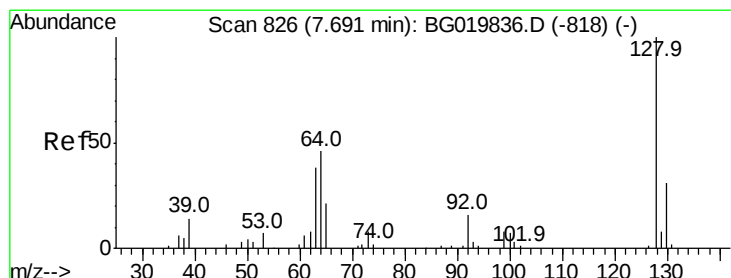
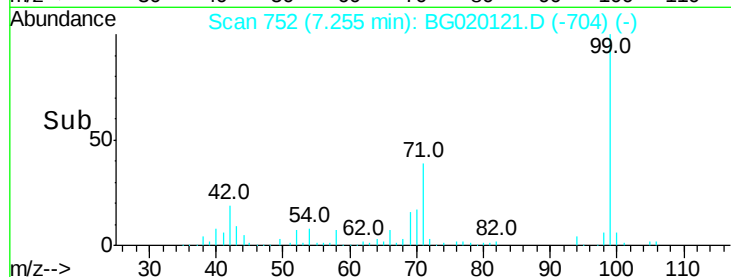
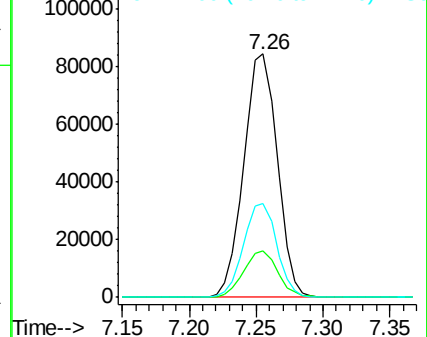
99 100

42 18.9 11.5 17.3#

71 38.7 22.6 34.0#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.04 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.02 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

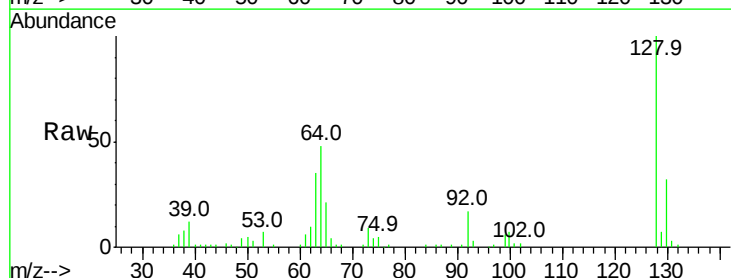
Tgt Ion:128 Resp: 57384

Ion Ratio Lower Upper

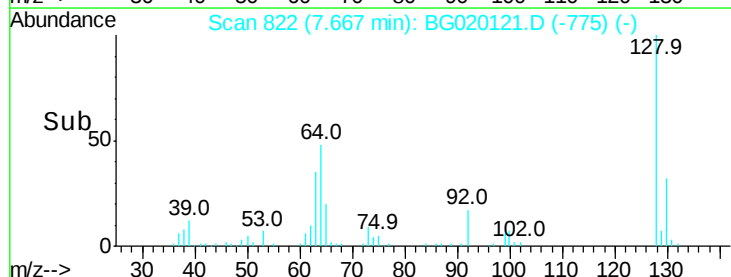
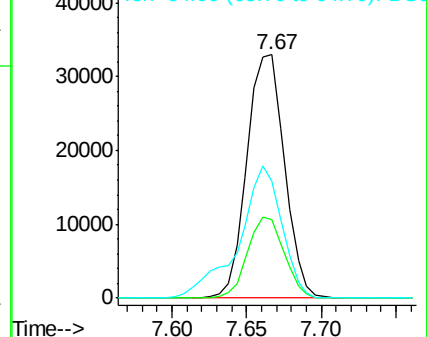
128 100

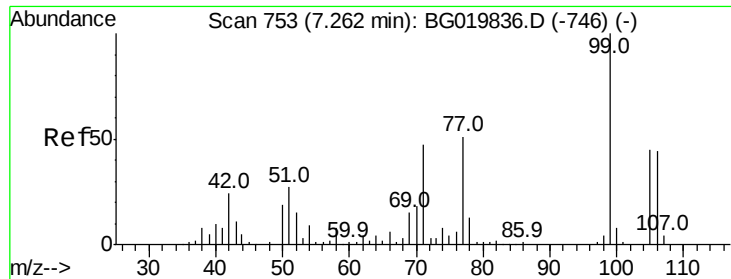
130 32.5 13.0 53.0

64 48.0 28.2 68.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

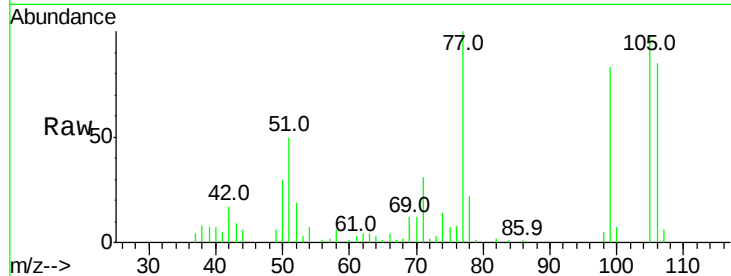




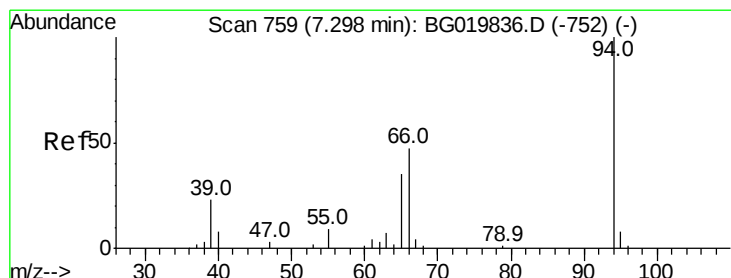
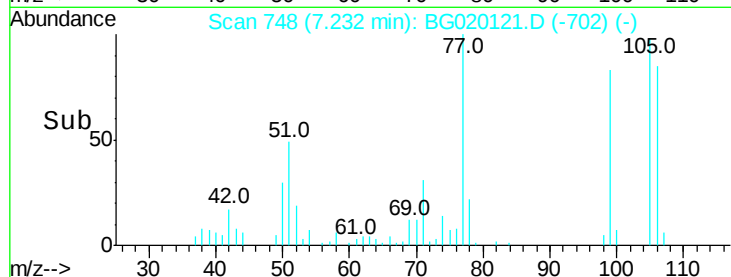
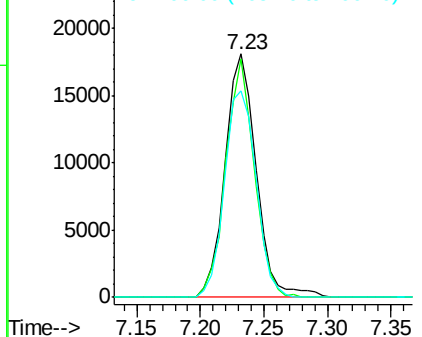
#9
Benzaldehyde
Concen: 24.68 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.03 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Instrument :
BNA_G
ClientSampleID :
PB87210BSD

Tot Ion: 77 Resp: 30742
Ion Ratio Lower Upper
77 100
105 97.9 77.7 117.7
106 84.7 75.8 115.8

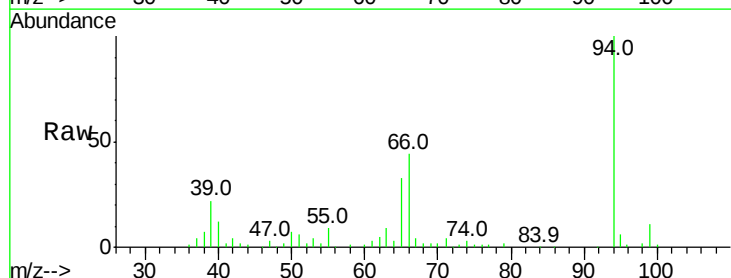


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

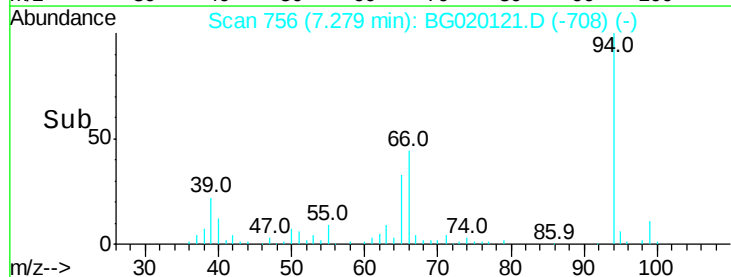
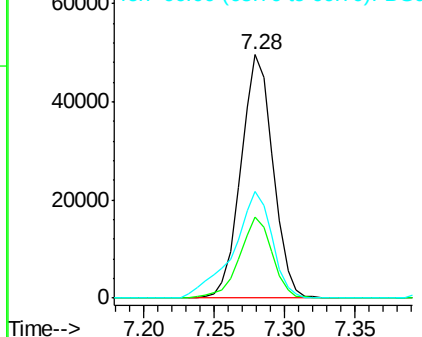


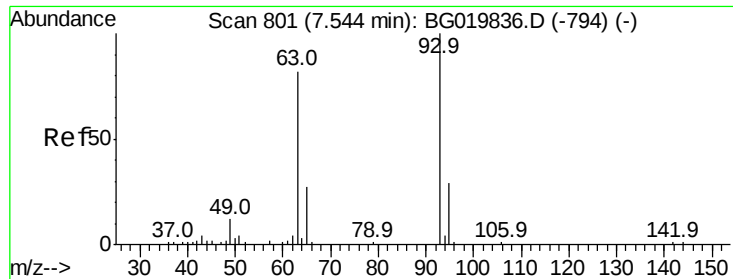
#10
Phenol
Concen: 40.05 ng
RT: 7.28 min Scan# 756
Delta R.T. -0.02 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion: 94 Resp: 78731
Ion Ratio Lower Upper
94 100
65 33.5 5.4 45.4
66 43.9 11.8 51.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

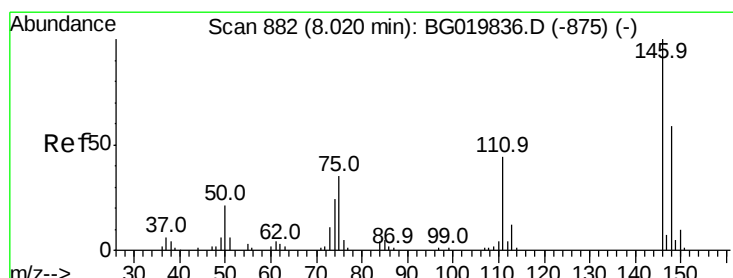
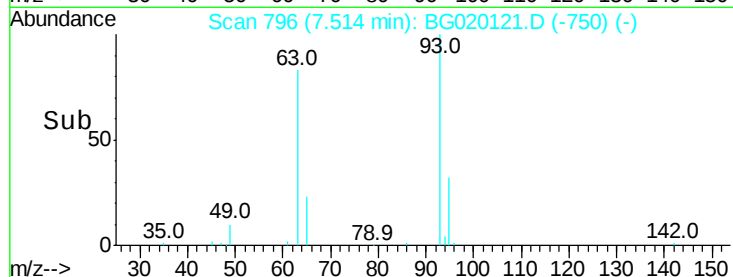
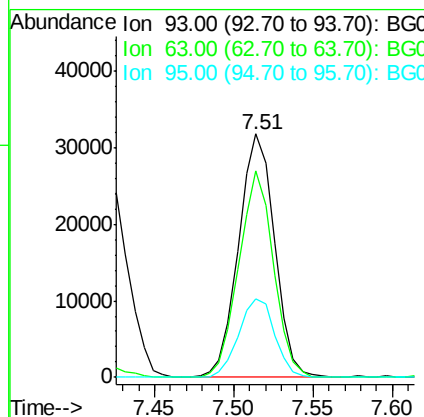
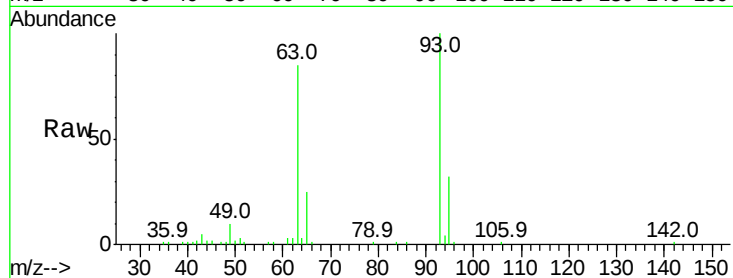




#11
bis(2-Chloroethyl)ether
Concen: 34.45 ng
RT: 7.51 min Scan# 796
Delta R.T. -0.03 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

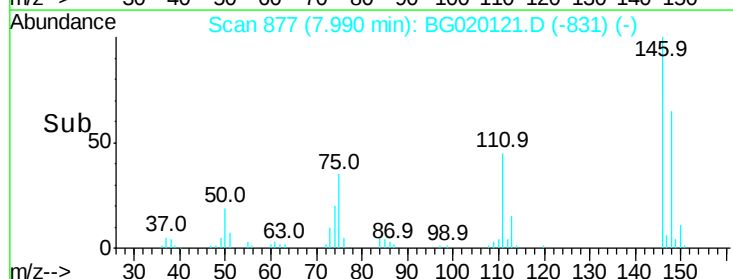
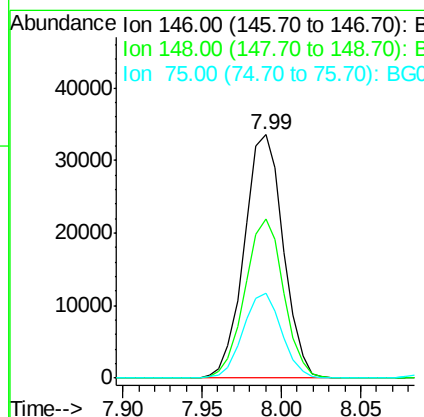
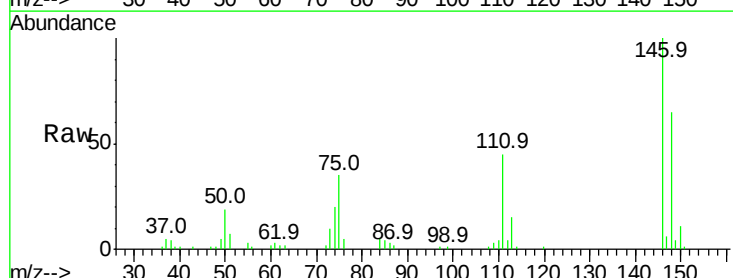
Instrument :
BNA_G
ClientSampleId :
PB87210BSD

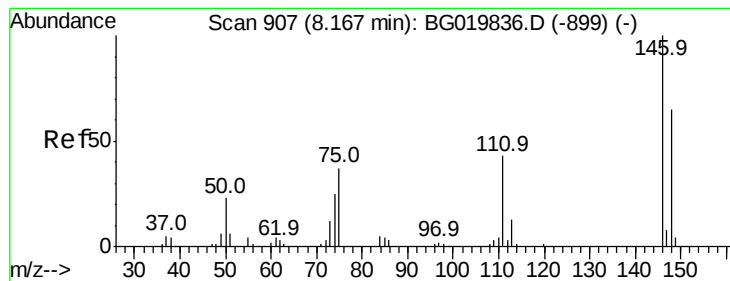
Tot Ion:	93	Resp:	50159
Ion	Ratio	Lower	Upper
93	100		
63	84.6	50.5	90.5
95	32.2	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 33.52 ng
RT: 7.99 min Scan# 877
Delta R.T. -0.03 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion:	146	Resp:	57318
Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.4	80.0
75	34.9	21.1	31.7#





#13

1,4-Dichlorobenzene

Concen: 33.29 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.03 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

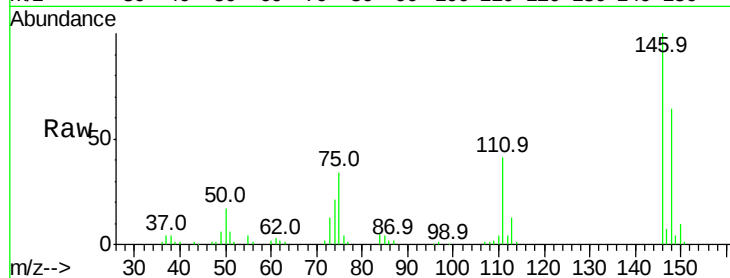
Tot Ion:146 Resp: 58787

Ion Ratio Lower Upper

146 100

148 64.4 52.5 78.7

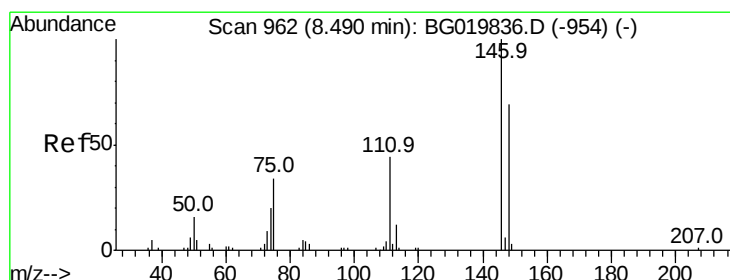
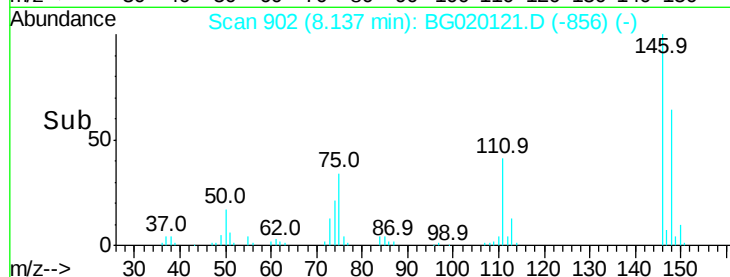
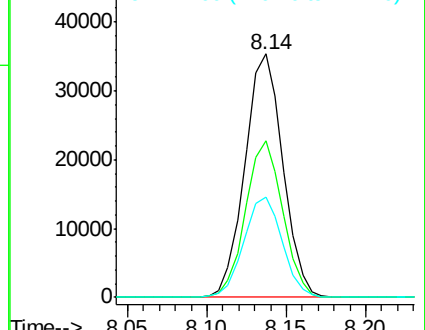
111 41.0 28.3 42.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.78 ng

RT: 8.45 min Scan# 956

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

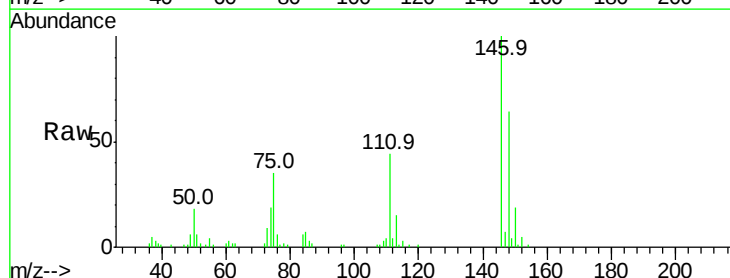
Tgt Ion:146 Resp: 56907

Ion Ratio Lower Upper

146 100

148 64.1 52.5 78.7

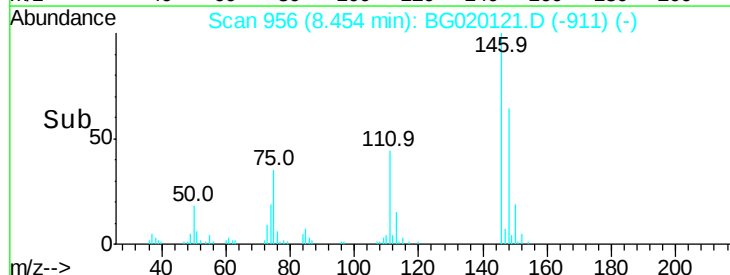
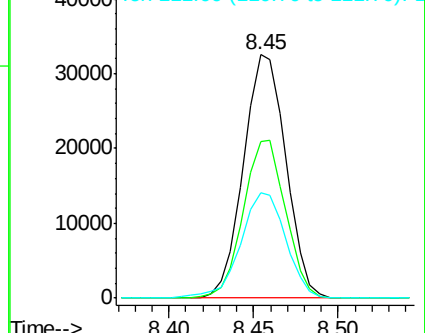
111 43.5 29.9 44.9

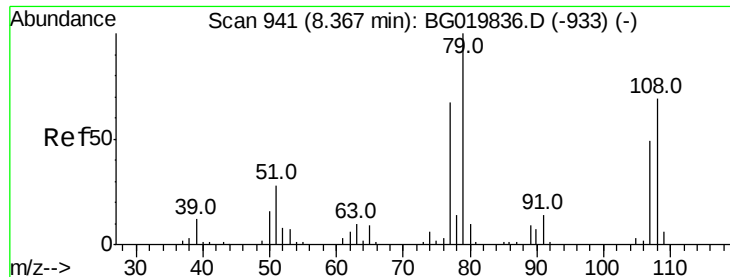


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.23 ng

RT: 8.34 min Scan# 936

Delta R.T. -0.03 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

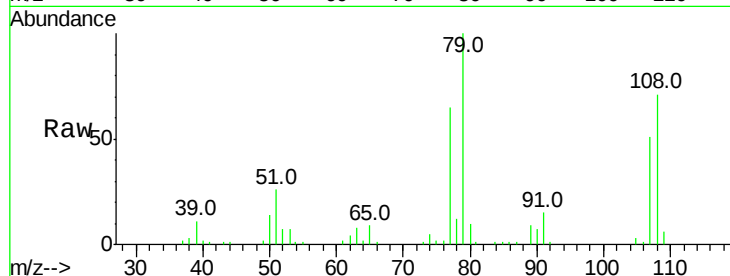
Tot Ion: 79 Resp: 59394

Ion Ratio Lower Upper

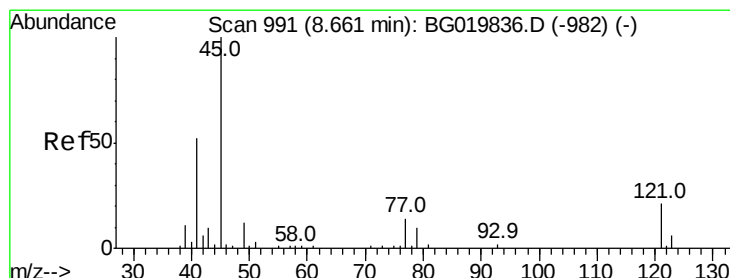
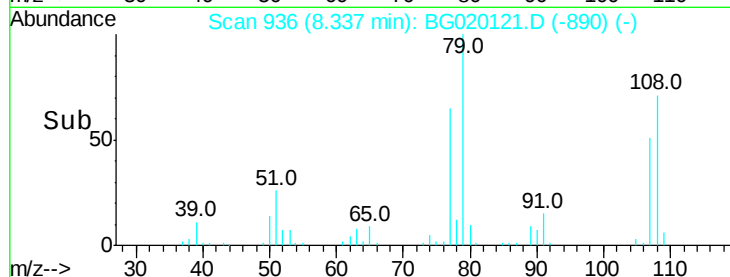
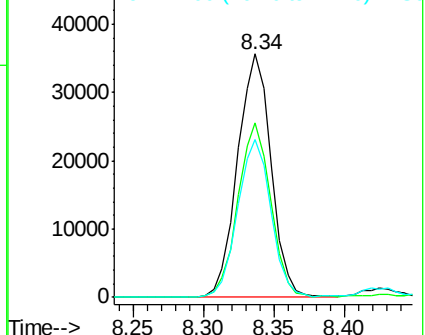
79 100

108 71.4 65.5 98.3

77 64.7 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.87 ng

RT: 8.64 min Scan# 987

Delta R.T. -0.02 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

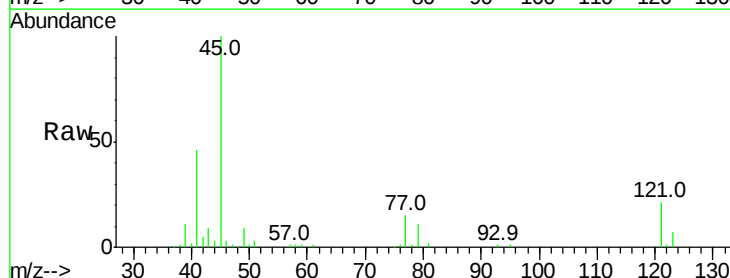
Tgt Ion: 45 Resp: 73302

Ion Ratio Lower Upper

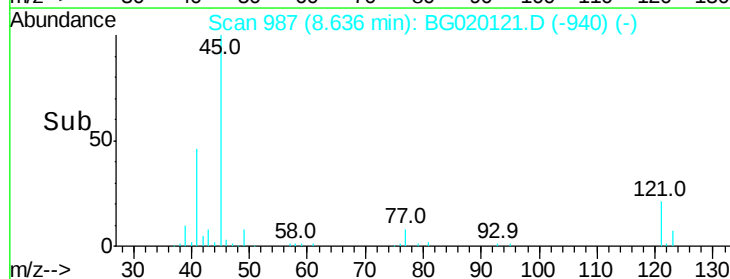
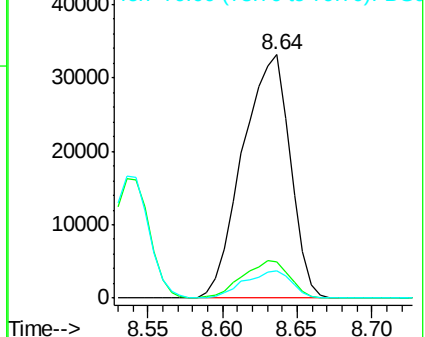
45 100

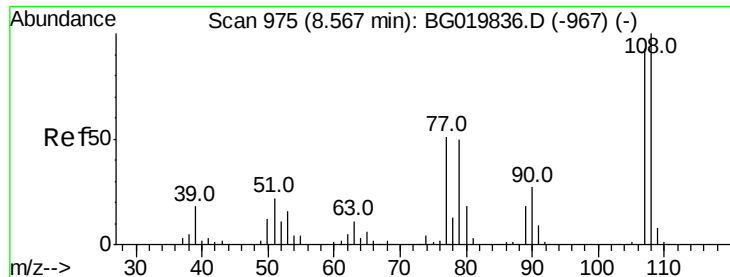
77 14.6 0.0 37.0

79 11.2 0.0 33.8



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

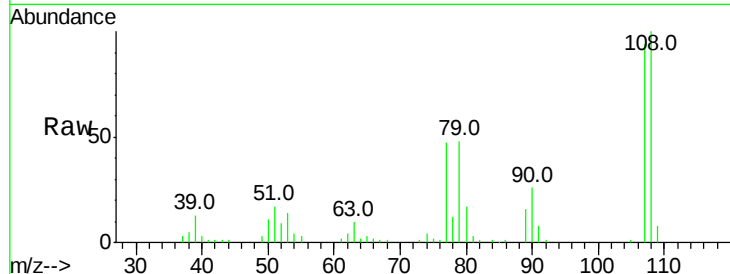




#17
2-Methylphenol
Concen: 38.98 ng
RT: 8.54 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Instrument :
BNA_G
ClientSampleId :
PB87210BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.8	86.5	129.7
77	50.2	34.6	51.8
79	50.9	32.3	48.5



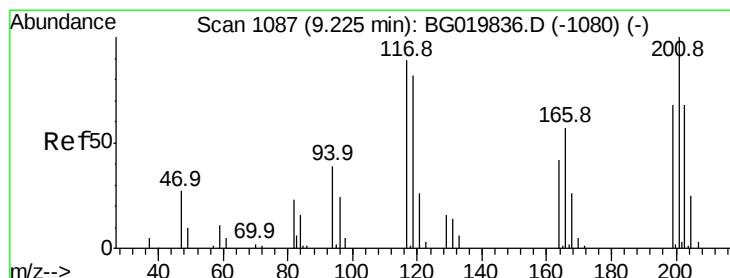
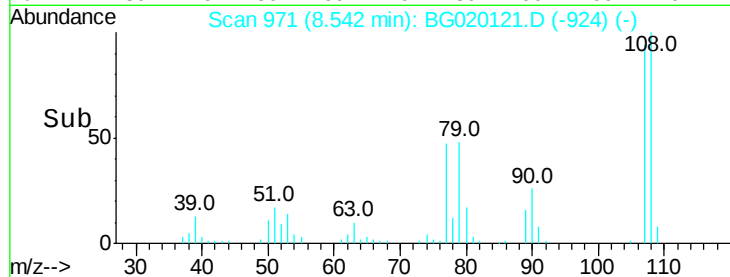
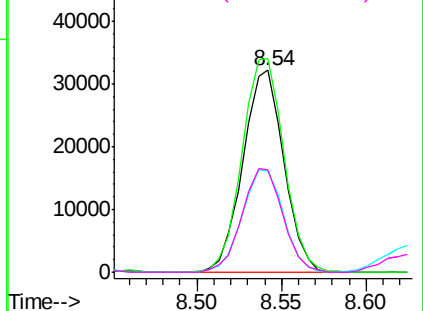
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

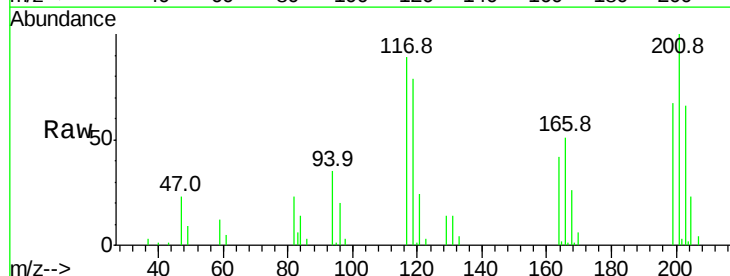
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 32.08 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.1	71.7	107.5
201	115.4	90.9	136.3

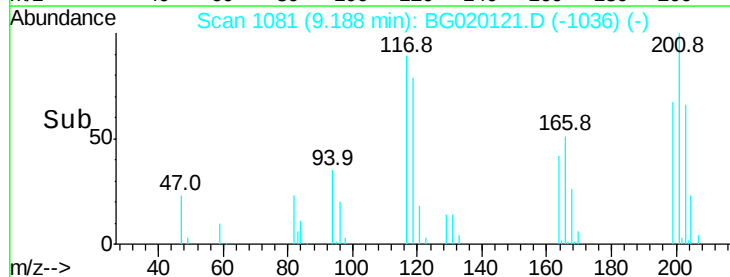
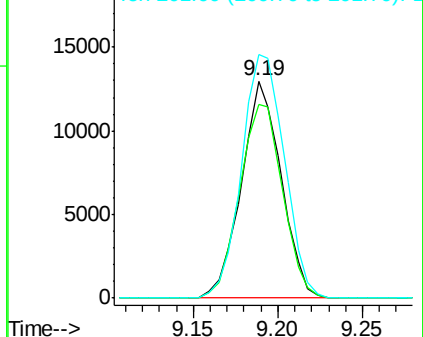


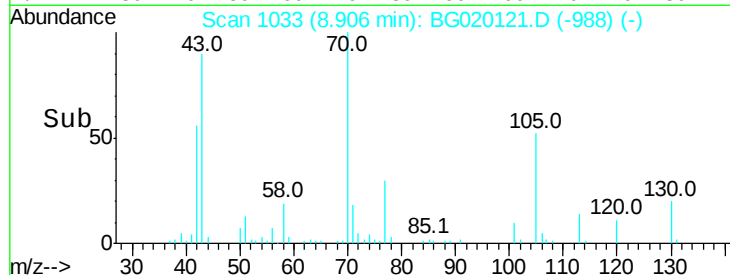
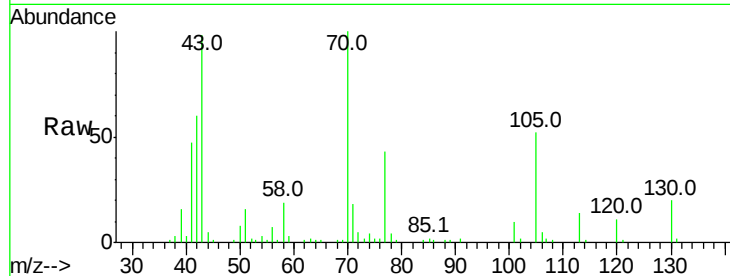
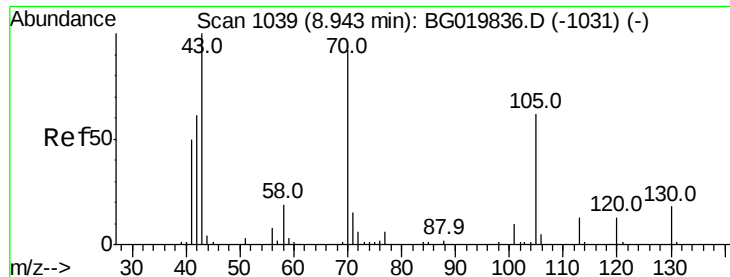
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

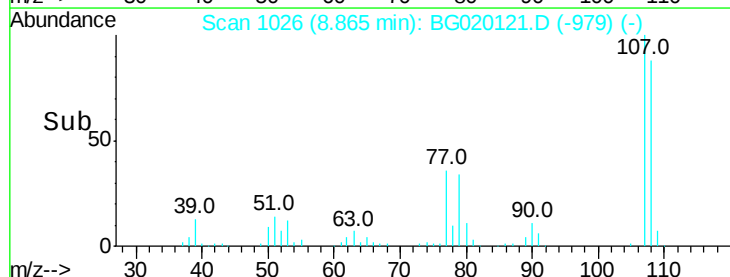
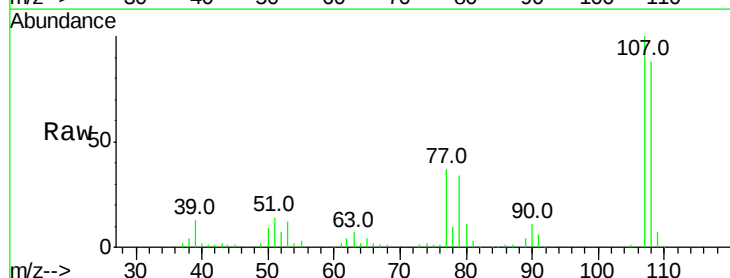
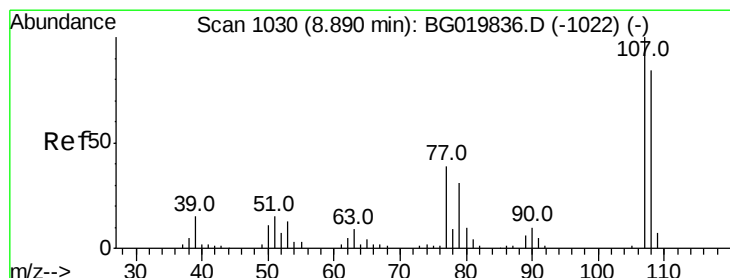
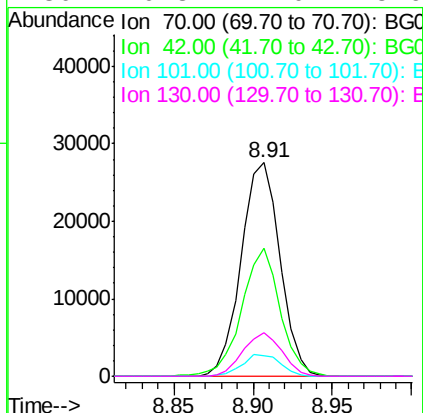




#19
n-Nitroso-di-n-propylamine
Concen: 31.91 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

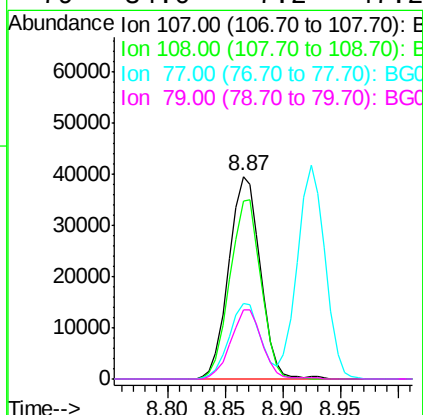
Instrument :
BNA_G
ClientSampleId :
PB87210BSD

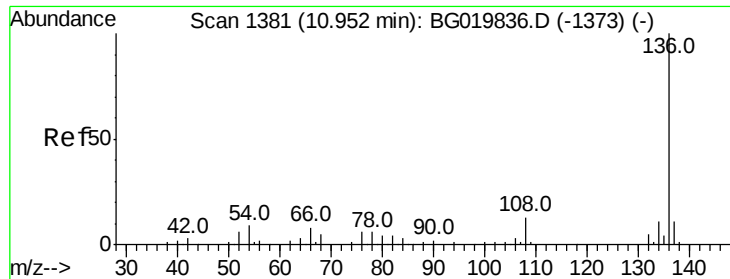
Tot Ion: 70 Resp: 47008
Ion Ratio Lower Upper
70 100
42 60.0 40.6 60.8
101 9.8 8.6 13.0
130 20.3 17.0 25.6



#20
3+4-Methylphenols
Concen: 38.15 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion: 107 Resp: 74568
Ion Ratio Lower Upper
107 100
108 87.7 72.2 112.2
77 37.1 13.4 53.4
79 34.0 7.2 47.2

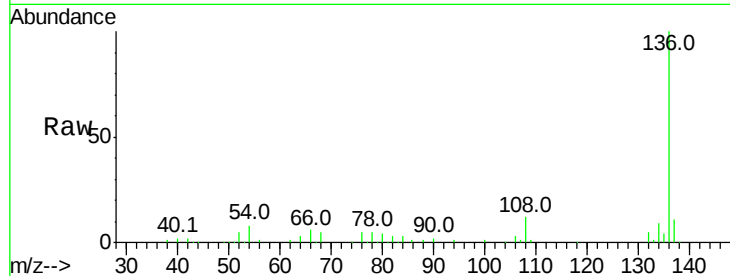




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Instrument :
BNA_G
ClientSampleId :
PB87210BSD

Tot Ion:136	Resp:	96576
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.6 12.8
54	8.3	5.4 8.2#
68	5.4	5.3 7.9



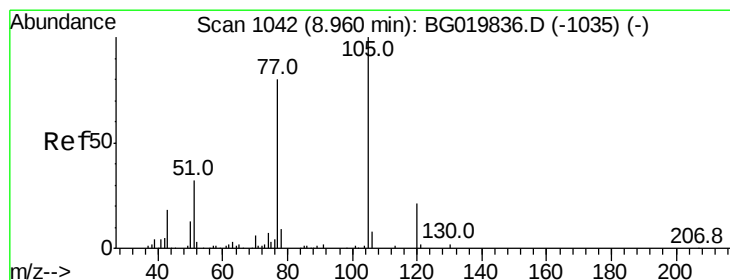
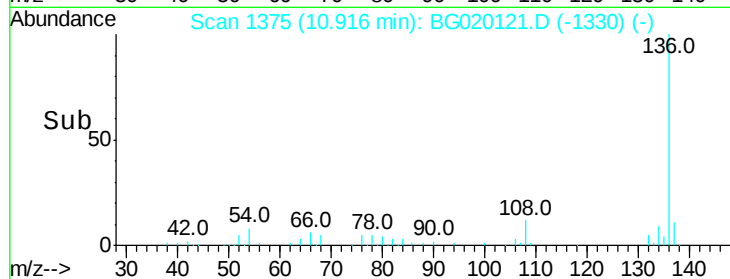
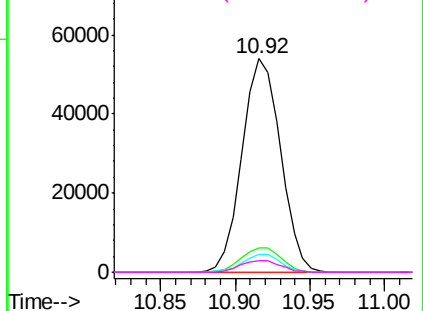
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

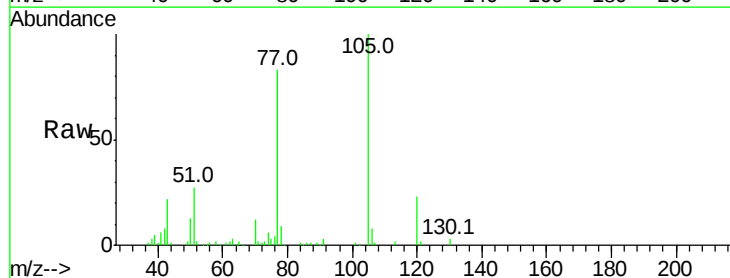
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 32.79 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion:105	Resp:	86799
Ion Ratio	Lower	Upper
105	100	
71	2.1	2.1 3.1
51	26.8	17.8 26.8#
120	22.5	17.7 26.5



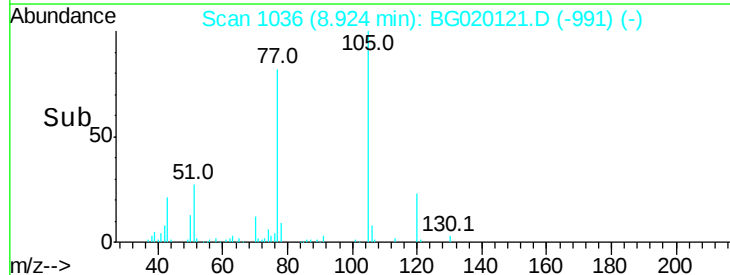
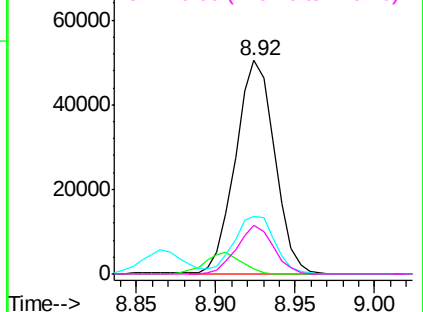
Abundance

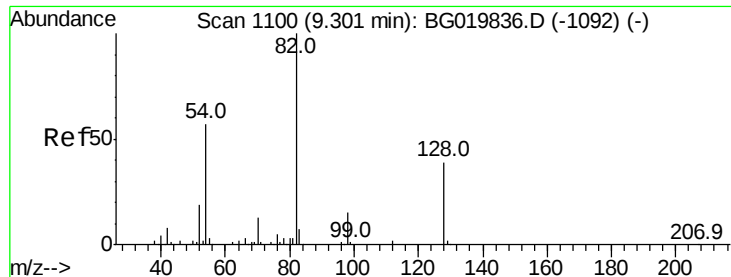
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

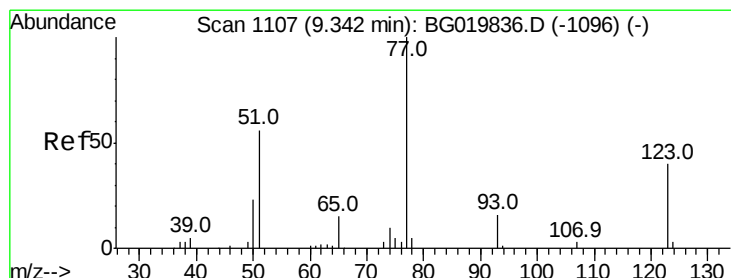
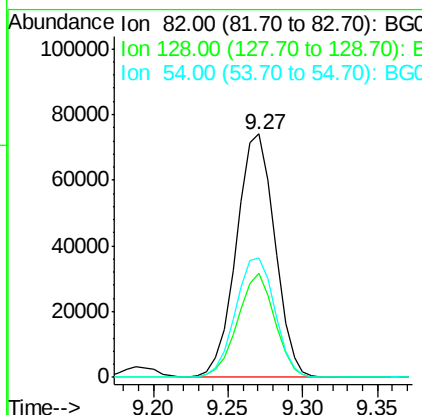
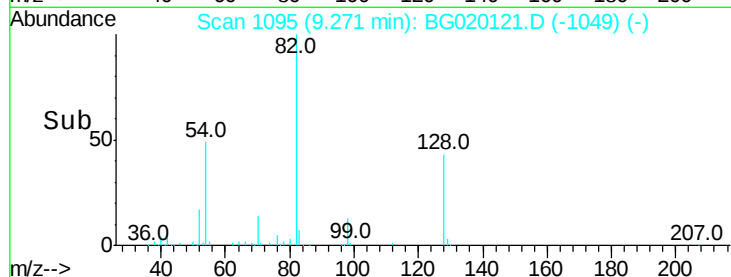
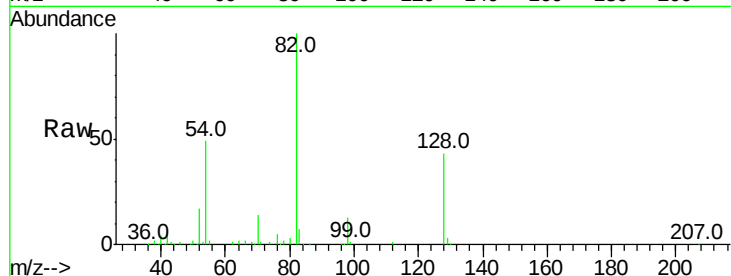




#23
Nitrobenzene-d5
Concen: 70.06 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

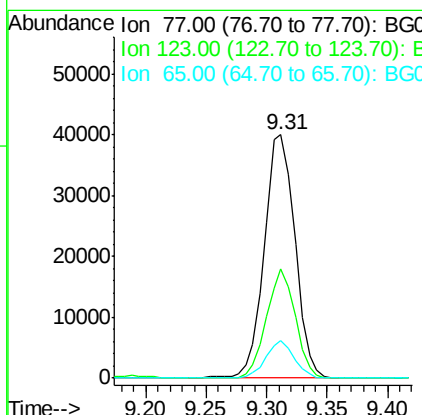
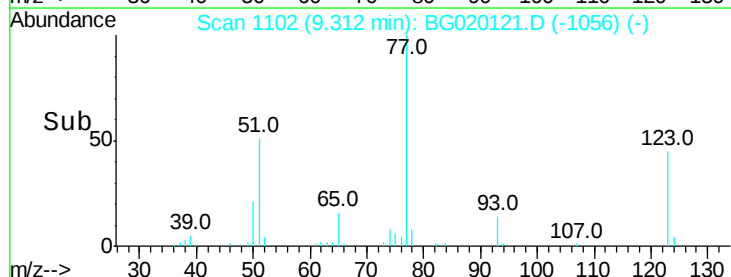
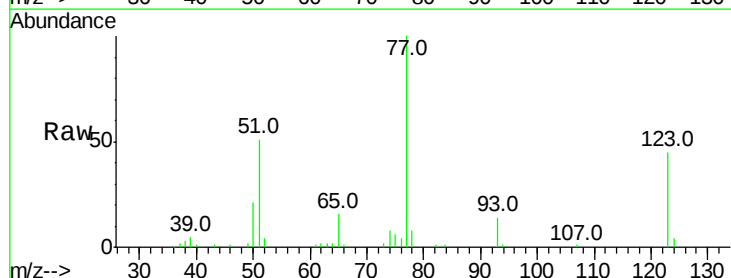
Instrument :
BNA_G
ClientSampleId :
PB87210BSD

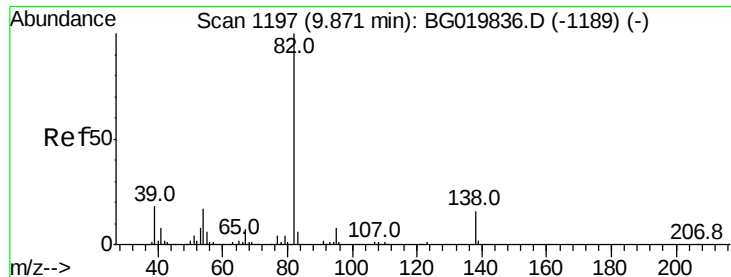
Tot Ion: 82 Resp: 132586
Ion Ratio Lower Upper
82 100
128 42.7 36.7 55.1
54 49.2 33.8 50.8



#24
Nitrobenzene
Concen: 34.24 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.03 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion: 77 Resp: 70293
Ion Ratio Lower Upper
77 100
123 44.9 38.2 57.2
65 15.6 10.6 16.0





#25

Isophorone

Concen: 32.41 ng

RT: 9.83 min Scan# 1191

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

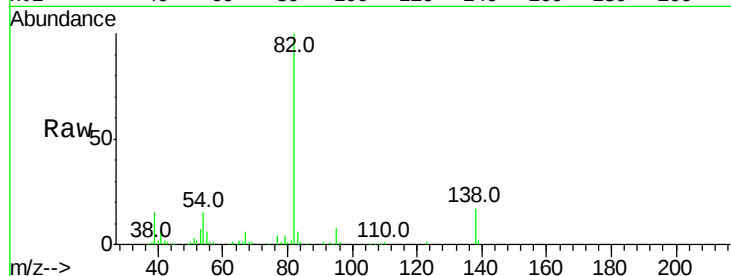
Tot Ion: 82 Resp: 131501

Ion Ratio Lower Upper

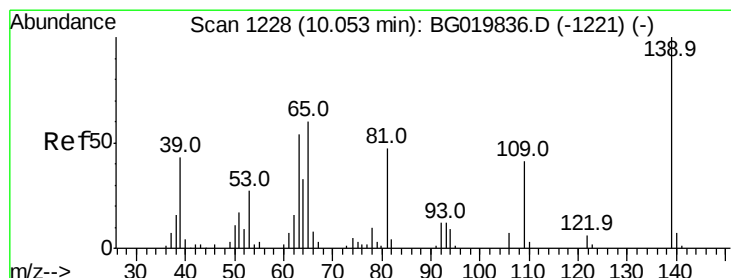
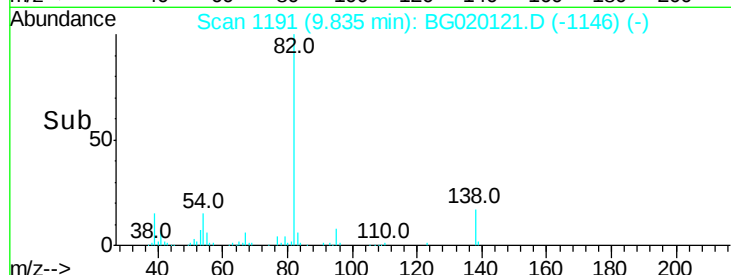
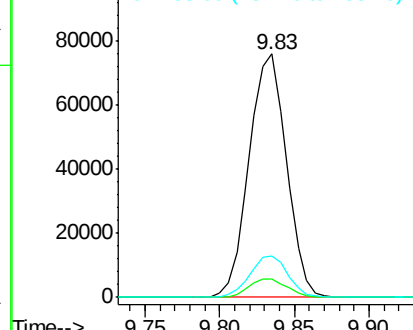
82 100

95 7.8 5.2 7.8

138 16.9 14.4 21.6



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



#26

2-Nitrophenol

Concen: 42.01 ng

RT: 10.02 min Scan# 1223

Delta R.T. -0.03 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

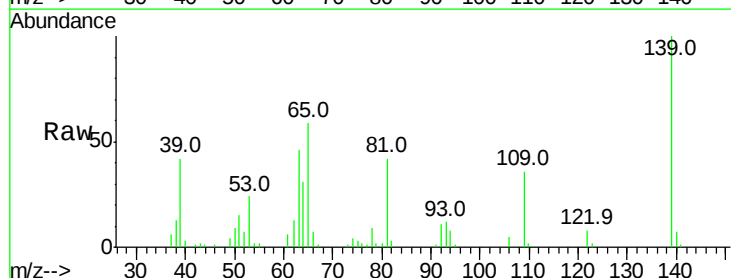
Tgt Ion: 139 Resp: 33302

Ion Ratio Lower Upper

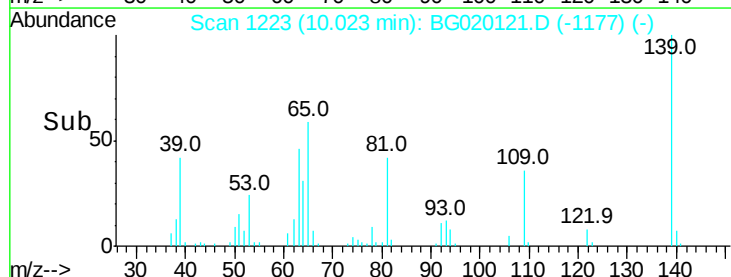
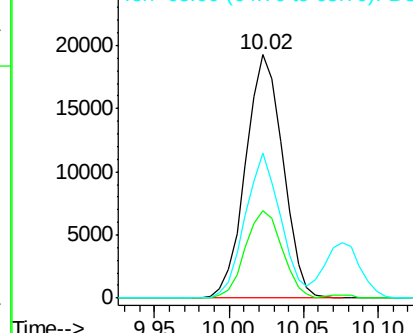
139 100

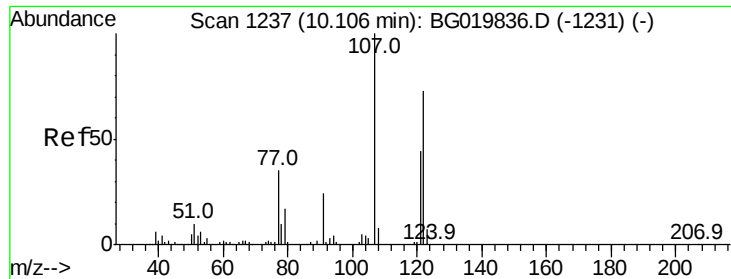
109 36.1 20.1 30.1#

65 59.4 34.1 51.1#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

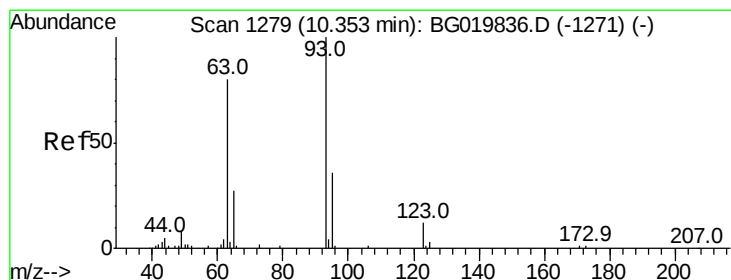
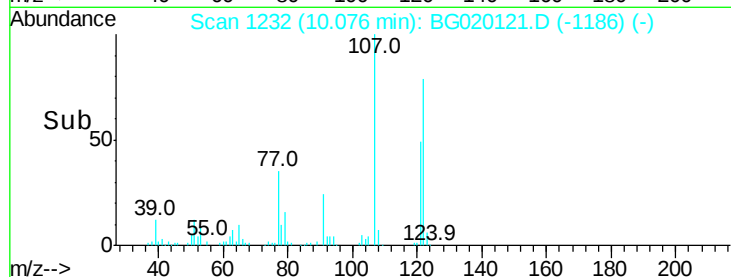
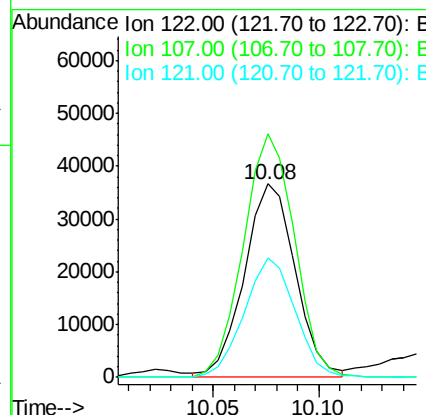
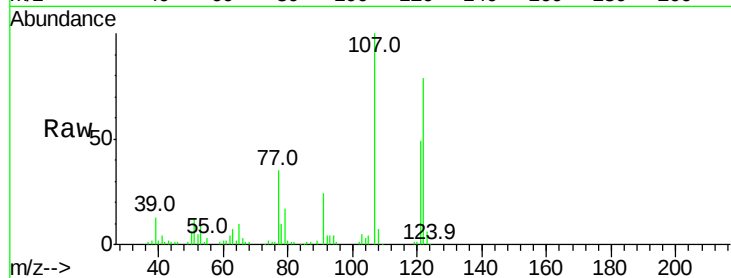




#27
2,4-Dimethylphenol
Concen: 37.17 ng
RT: 10.08 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

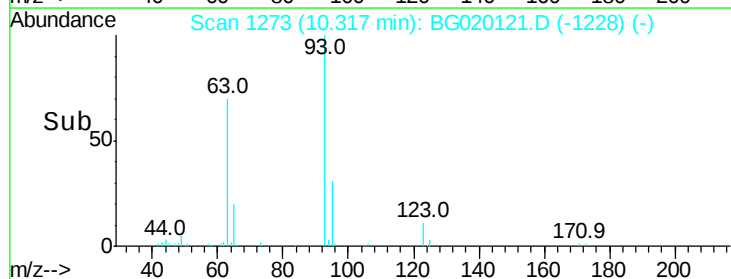
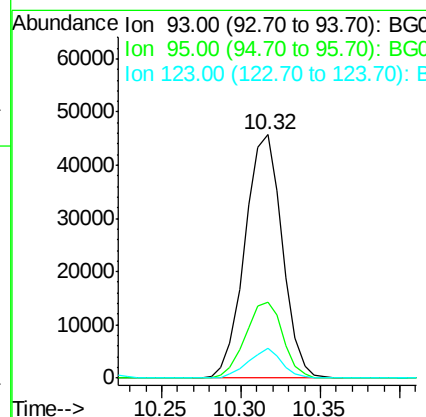
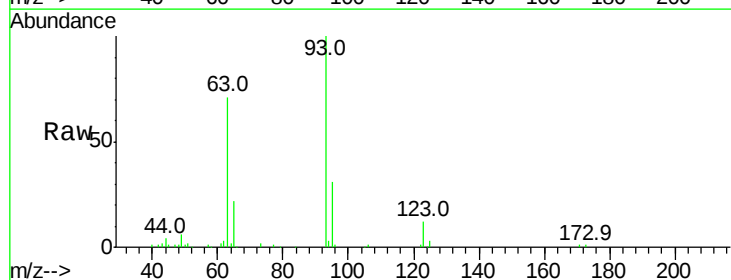
Instrument :
BNA_G
ClientSampleId :
PB87210BSD

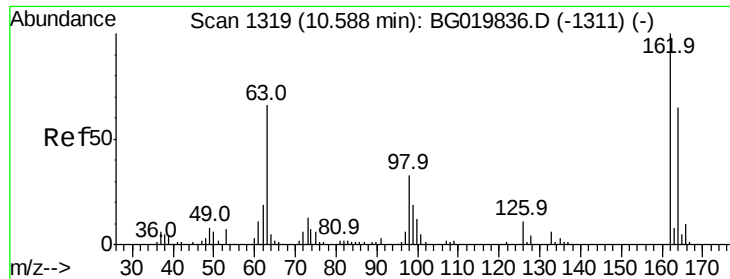
Tot Ion:122 Resp: 61369
Ion Ratio Lower Upper
122 100
107 125.9 91.6 137.4
121 61.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 37.63 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion: 93 Resp: 74597
Ion Ratio Lower Upper
93 100
95 31.4 25.7 38.5
123 12.2 8.6 12.8

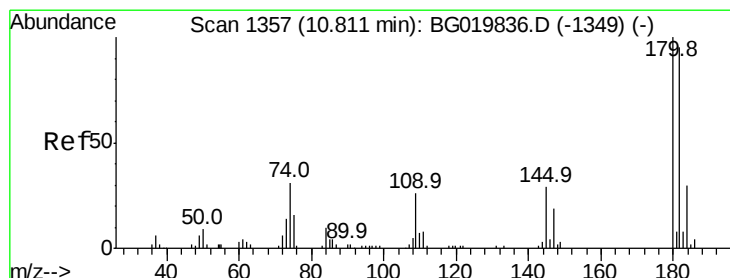
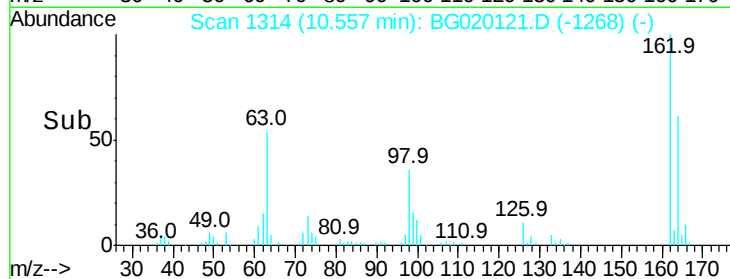
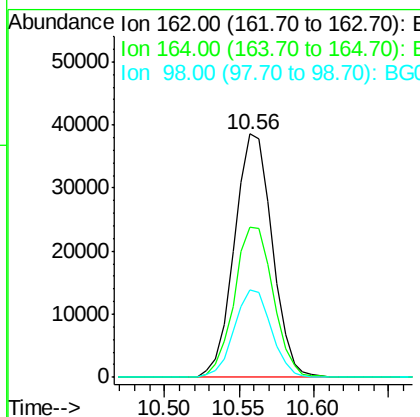
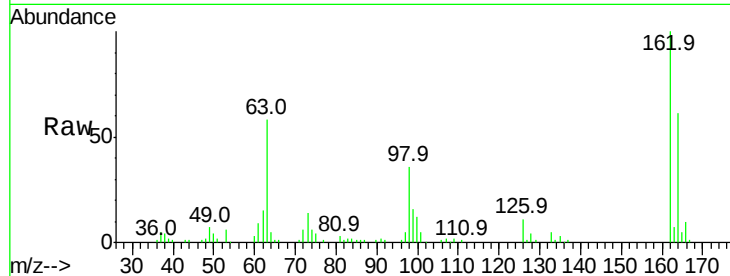




#29
 2,4-Dichlorophenol
 Concen: 40.23 ng
 RT: 10.56 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

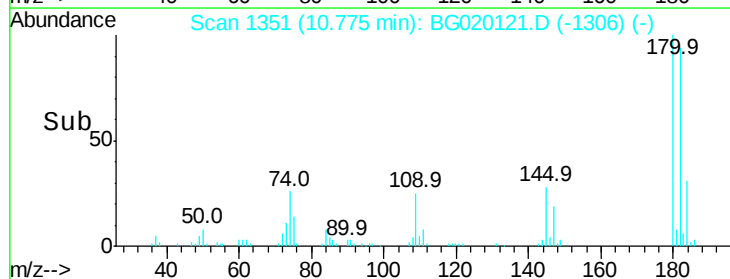
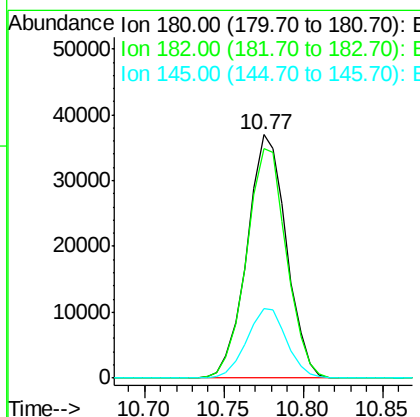
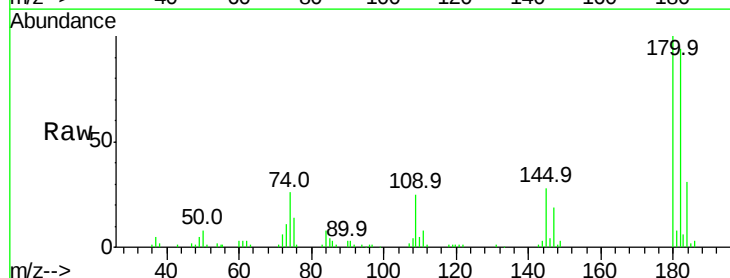
Instrument :
 BNA_G
 ClientSampleId :
 PB87210BSD

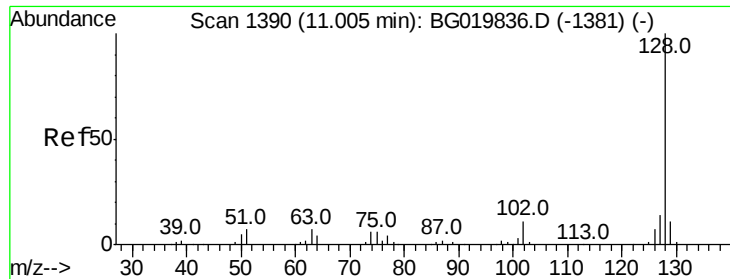
Tot Ion:162 Resp: 67845
 Ion Ratio Lower Upper
 162 100
 164 61.5 42.3 82.3
 98 35.7 11.5 51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 33.37 ng
 RT: 10.77 min Scan# 1351
 Delta R.T. -0.04 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

Tgt Ion:180 Resp: 63613
 Ion Ratio Lower Upper
 180 100
 182 94.3 79.7 119.5
 145 28.3 22.0 33.0

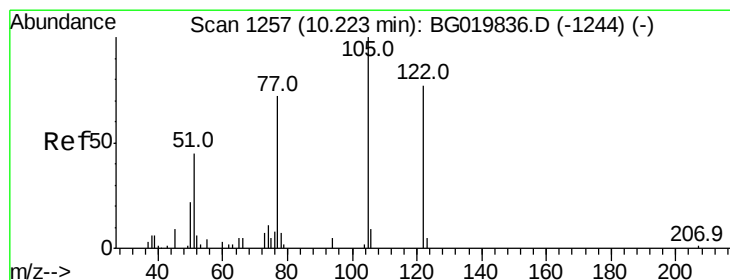
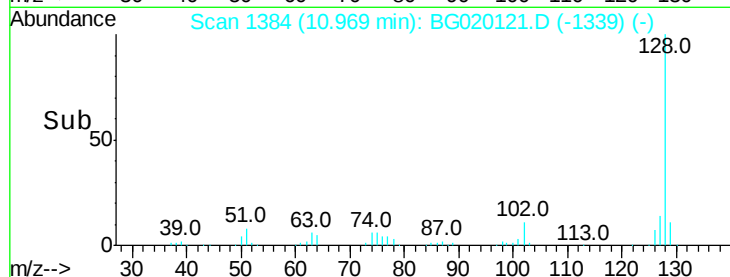
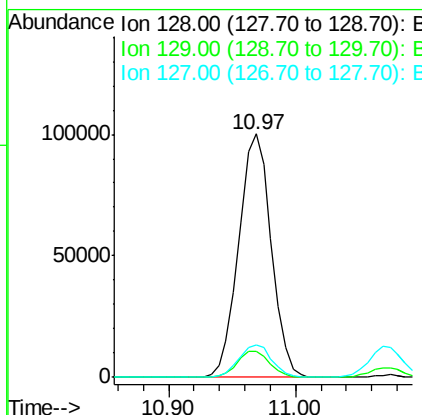
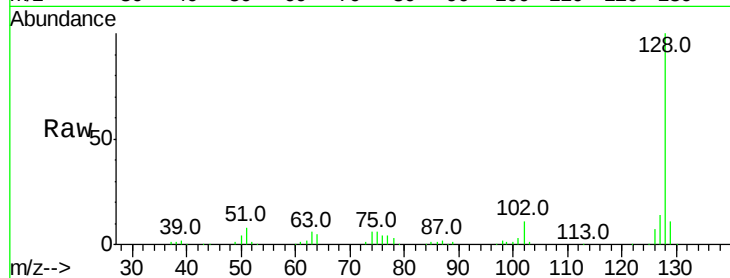




#31
Naphthalene
Concen: 34.35 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

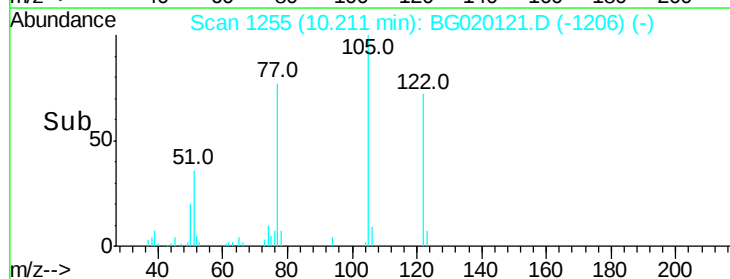
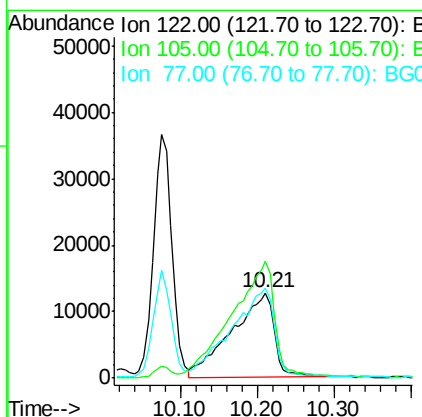
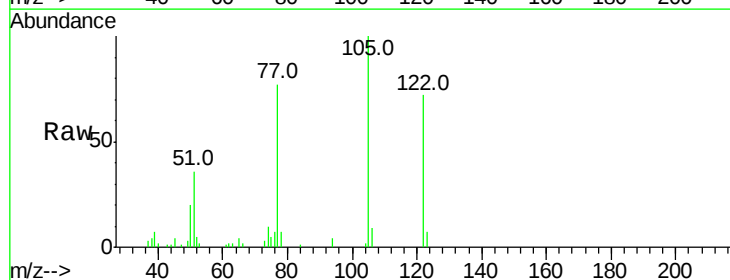
Instrument :
BNA_G
ClientSampleId :
PB87210BSD

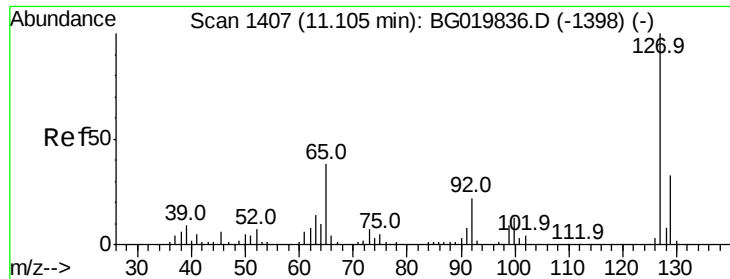
Tot Ion:128 Resp: 177719
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 44.79 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion:122 Resp: 49328
Ion Ratio Lower Upper
122 100
105 137.9 103.8 143.8
77 105.8 68.8 108.8

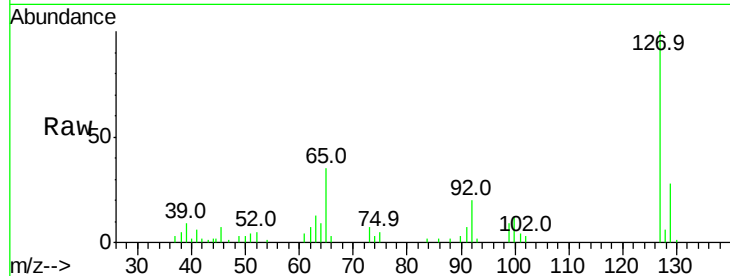




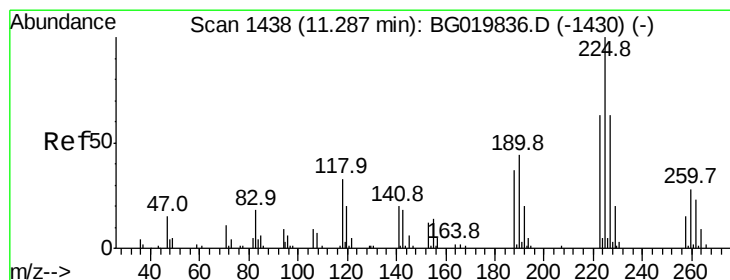
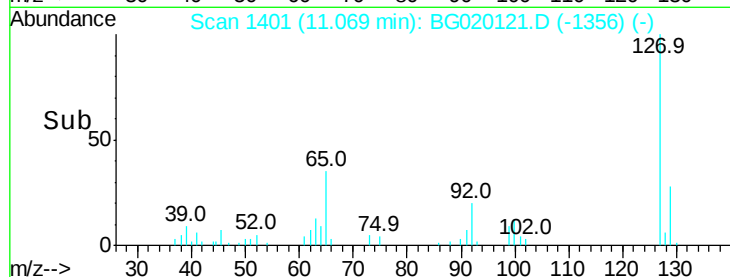
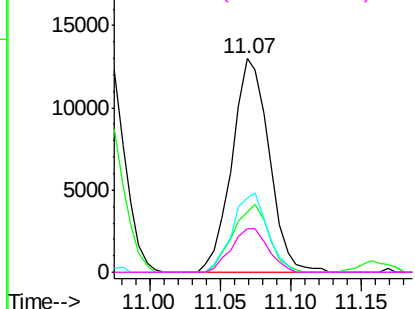
#33
4-Chloroaniline
Concen: 10.46 ng
RT: 11.07 min Scan# 1401
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Instrument :
BNA_G
ClientSampleId :
PB87210BSD

Tot Ion:	127	Resp:	23857
Ion	Ratio	Lower	Upper
127	100		
129	28.2	24.6	37.0
65	34.7	22.6	33.8#
92	20.3	15.1	22.7

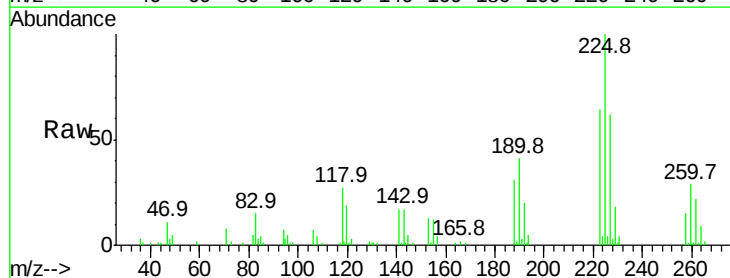


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

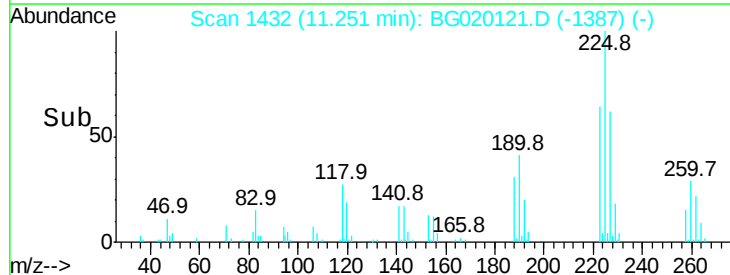
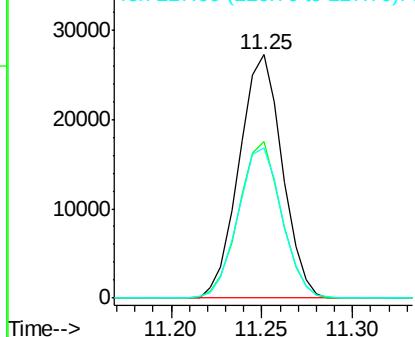


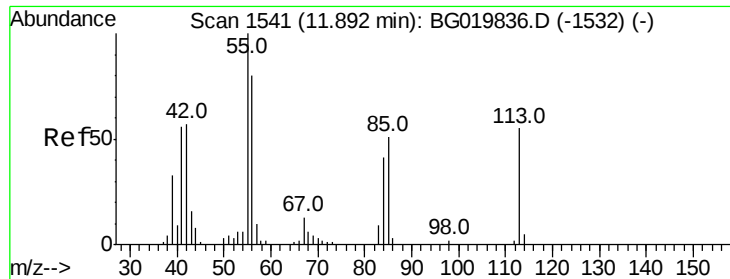
#34
Hexachlorobutadiene
Concen: 32.00 ng
RT: 11.25 min Scan# 1432
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion:	225	Resp:	44992
Ion	Ratio	Lower	Upper
225	100		
223	67.9	51.0	76.4
227	61.7	51.8	77.8



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





#35

Caprolactam

Concen: 39.33 ng/mL

RT: 11.85 min Scan# 1534

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

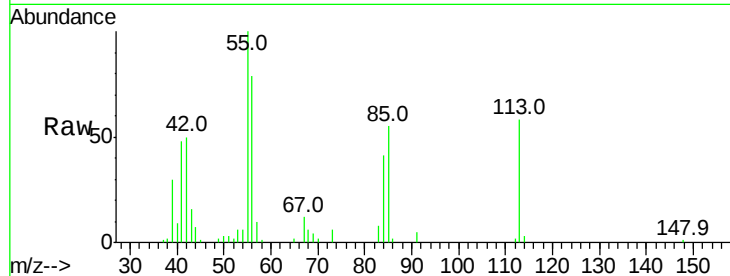
Tot Ion:113 Resp: 24694

Ion Ratio Lower Upper

113 100

55 171.2 135.0 175.0

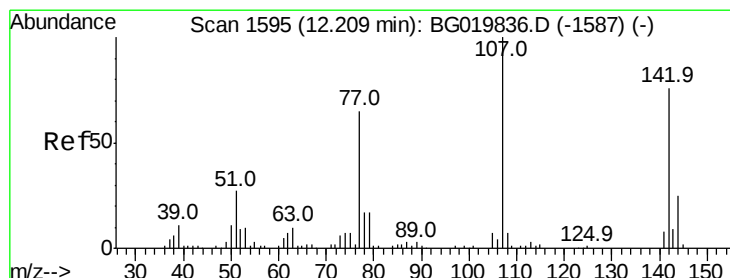
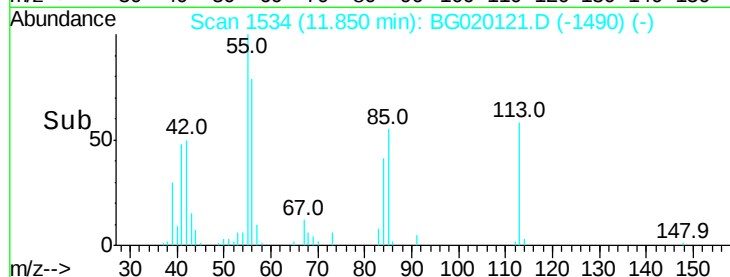
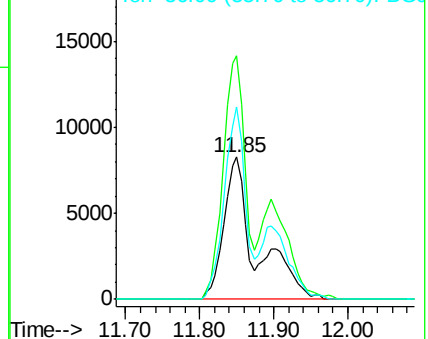
56 135.2 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 37.39 ng/mL

RT: 12.18 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

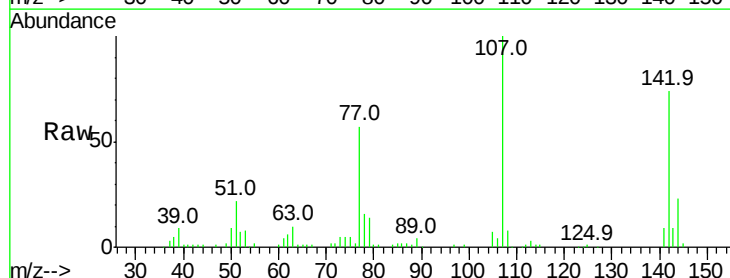
Tgt Ion:107 Resp: 78527

Ion Ratio Lower Upper

107 100

144 23.2 20.6 31.0

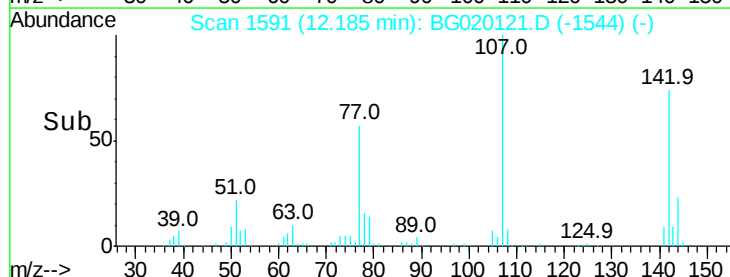
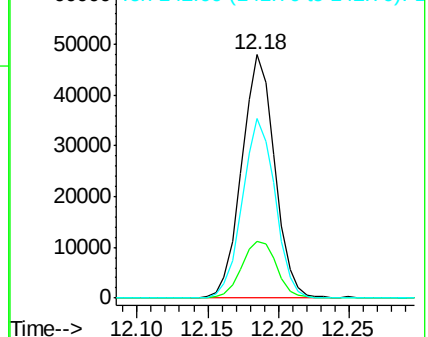
142 73.6 62.6 93.8

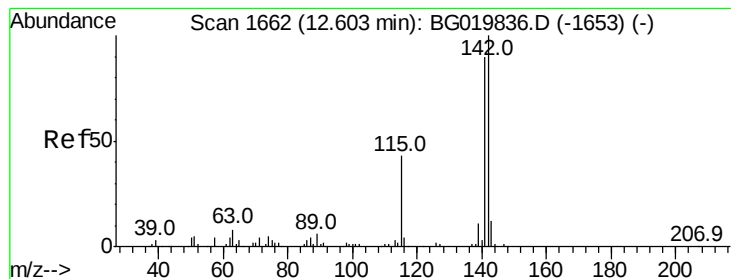


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.33 ng

RT: 12.57 min Scan# 1656

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

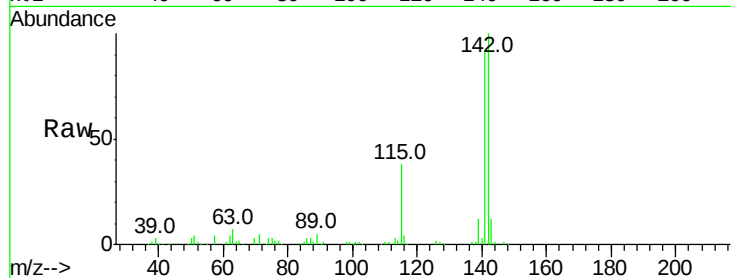
Tot Ion:142 Resp: 137752

Ion Ratio Lower Upper

142 100

141 91.9 74.6 112.0

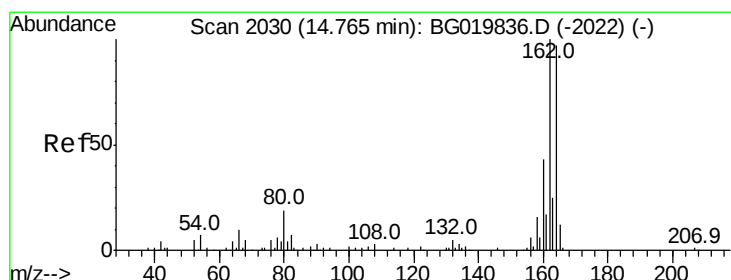
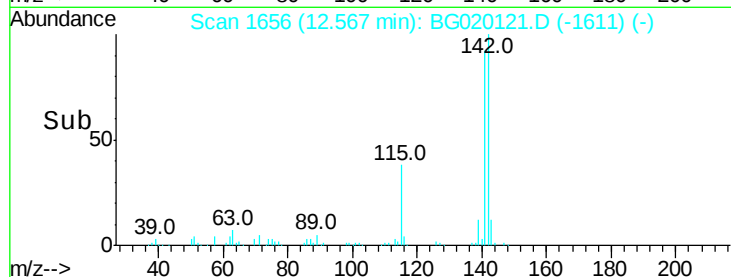
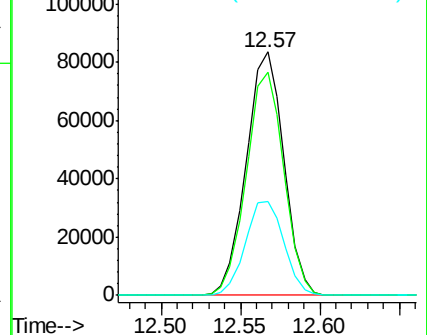
115 38.5 27.4 41.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

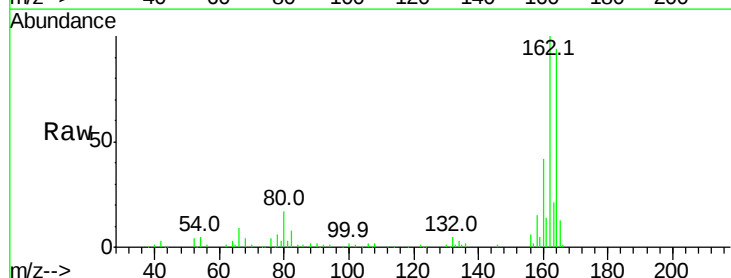
Tgt Ion:164 Resp: 70298

Ion Ratio Lower Upper

164 100

162 106.5 78.8 118.2

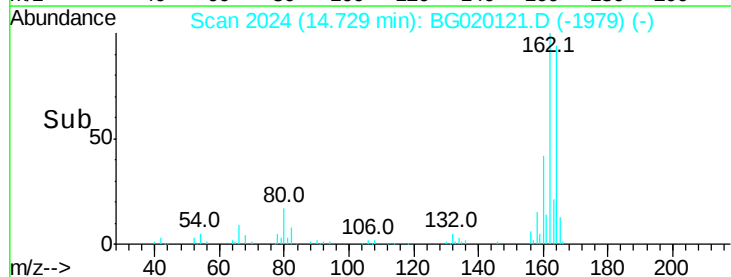
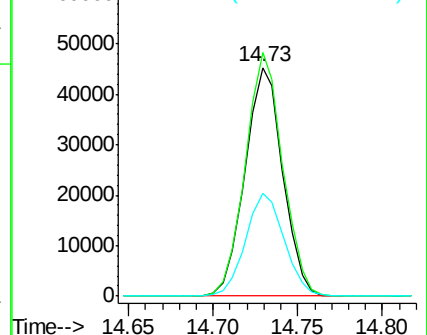
160 45.2 36.4 54.6

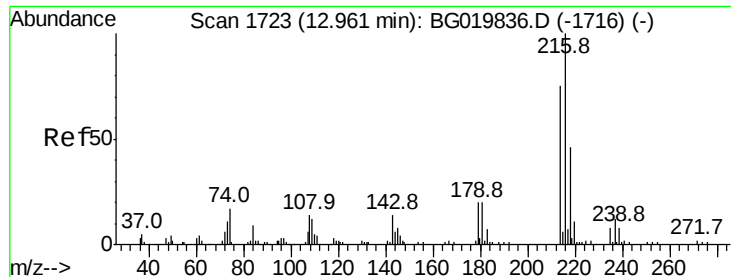


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.11 ng

RT: 12.93 min Scan# 1718

Delta R.T. -0.03 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

Tot Ion:216 Resp: 88328

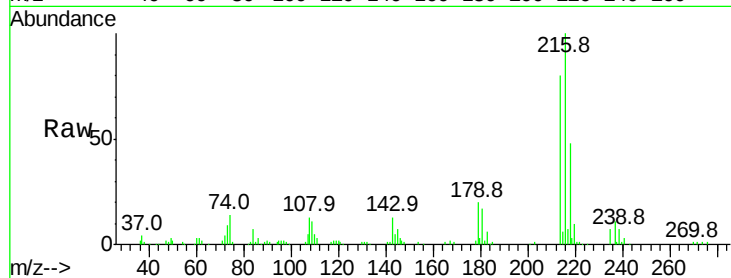
Ion Ratio Lower Upper

216 100

214 79.9 62.5 93.7

179 19.4 15.6 23.4

108 17.3 13.3 19.9

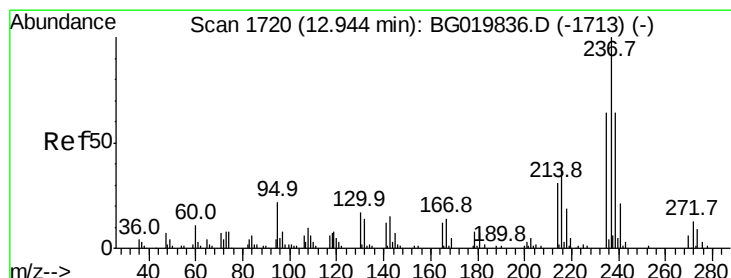
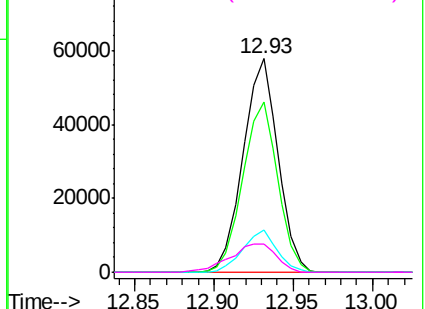
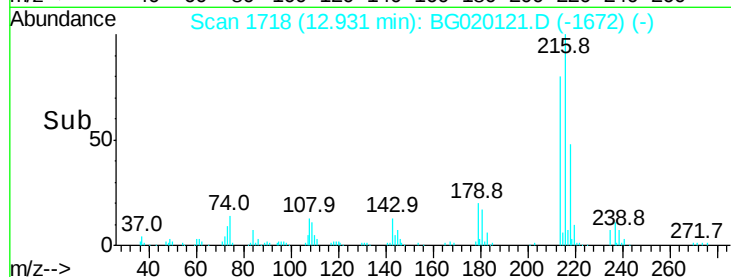


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 77.09 ng

RT: 12.91 min Scan# 1714

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

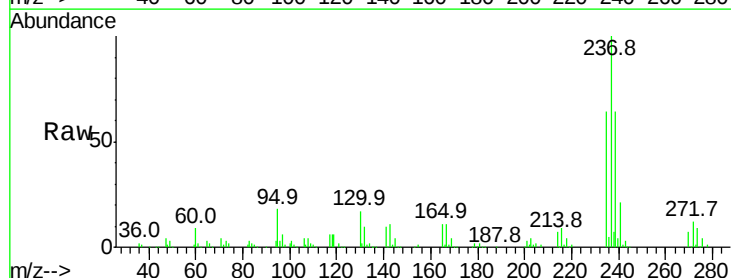
Tgt Ion:237 Resp: 117268

Ion Ratio Lower Upper

237 100

235 64.3 44.6 84.6

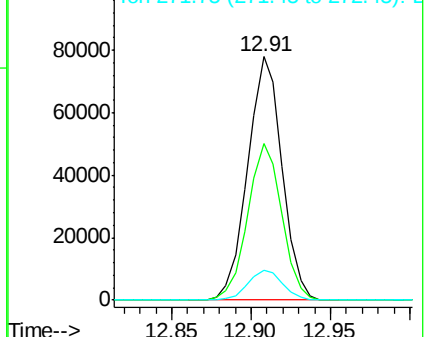
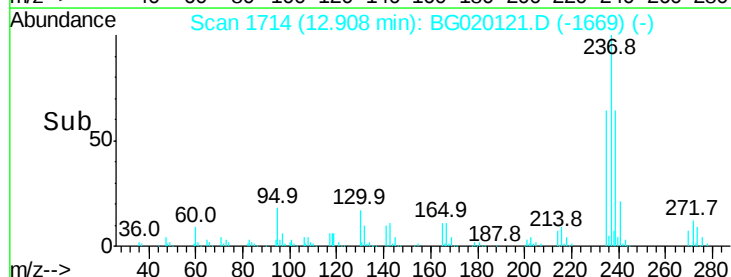
272 12.3 0.0 32.8

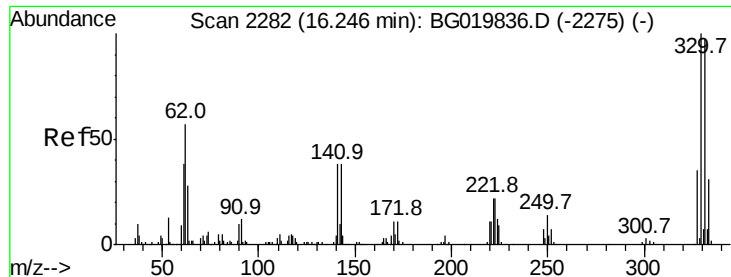


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

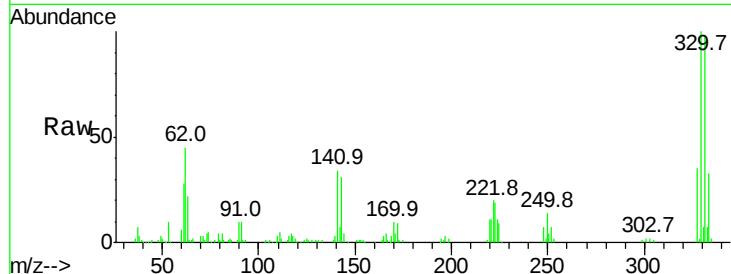




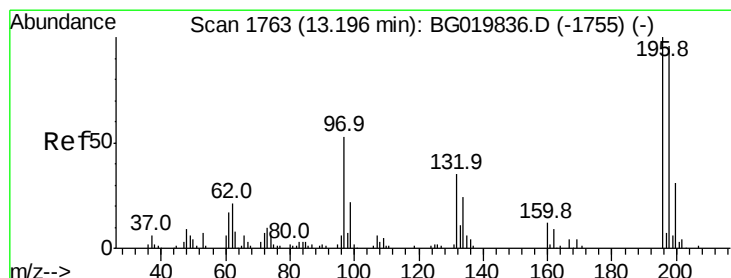
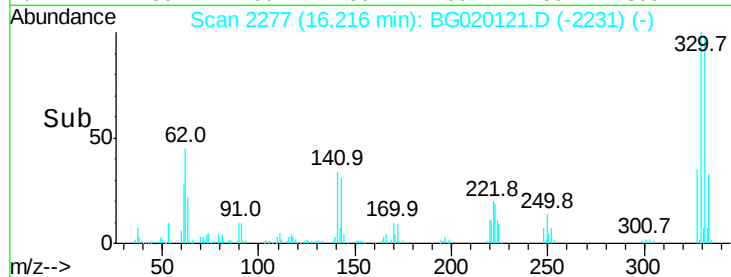
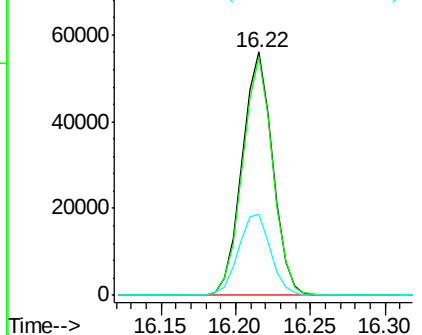
#41
 2,4,6-Tribromophenol
 Concen: 73.68 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

Instrument :
 BNA_G
 ClientSampleId :
 PB87210BSD

Tot Ion:330 Resp: 79250
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.1 117.1
 141 35.3 28.2 42.2

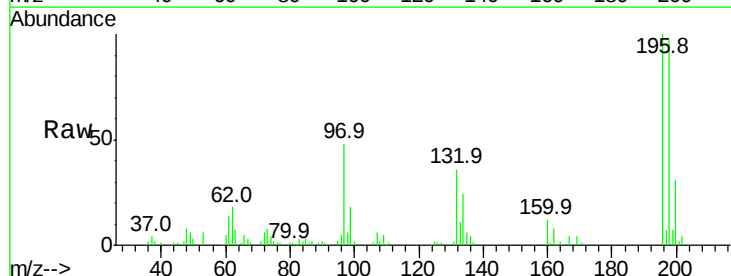


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

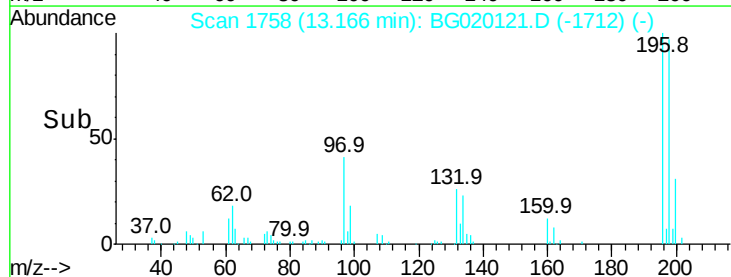
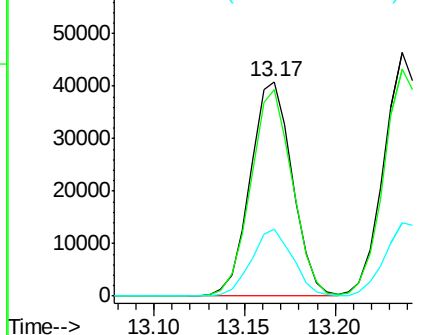


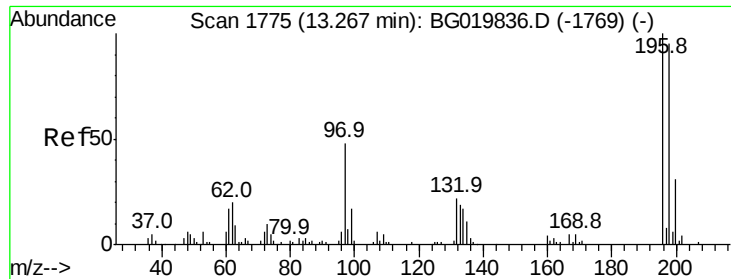
#42
 2,4,6-Trichlorophenol
 Concen: 37.26 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.03 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

Tgt Ion:196 Resp: 65802
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.7 112.1
 200 31.2 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

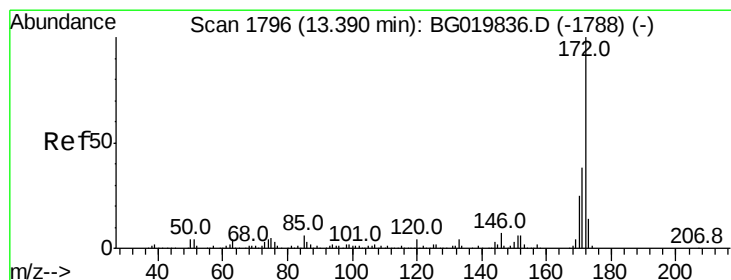
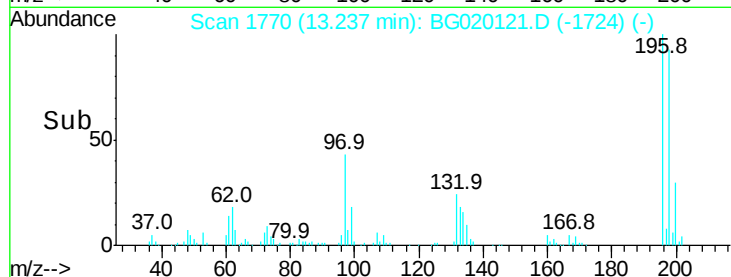
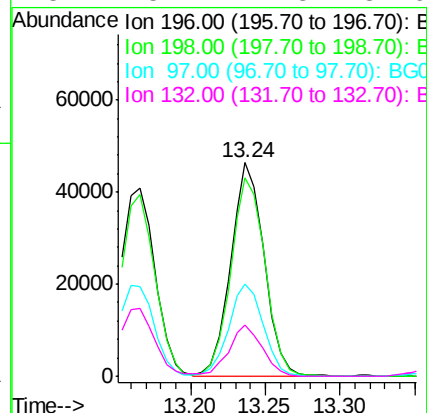
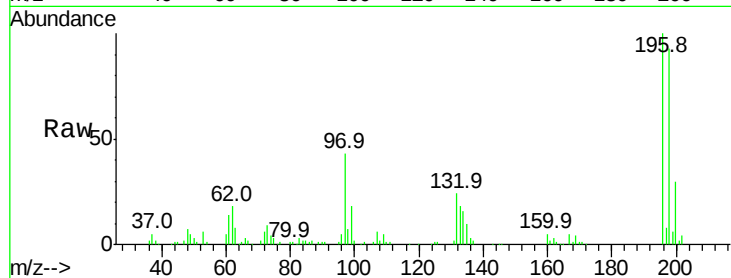




#43
 2,4,5-Trichlorophenol
 Concen: 38.76 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.03 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

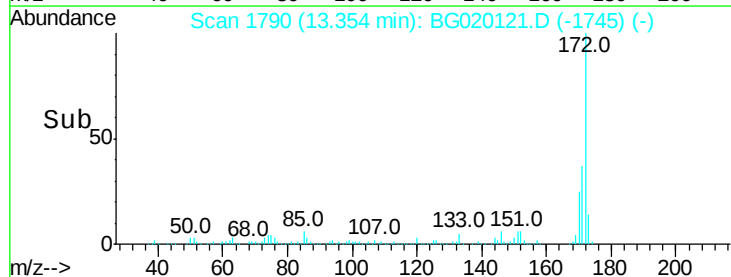
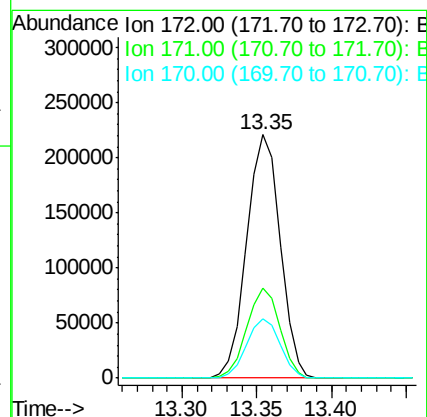
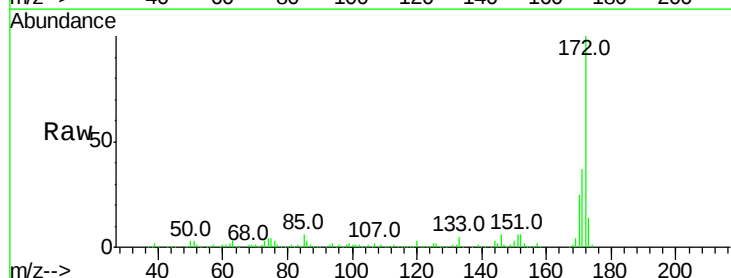
Instrument :
 BNA_G
 ClientSampleId :
 PB87210BSD

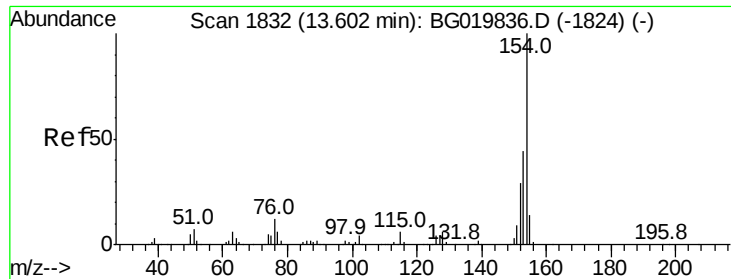
Tot Ion:	196	Resp:	72347
Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.2	112.8
97	43.4	34.2	51.2
132	23.7	21.8	32.6



#44
 2-Fluorobiphenyl
 Concen: 66.47 ng
 RT: 13.35 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

Tgt Ion:	172	Resp:	342196
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.6	19.9	29.9

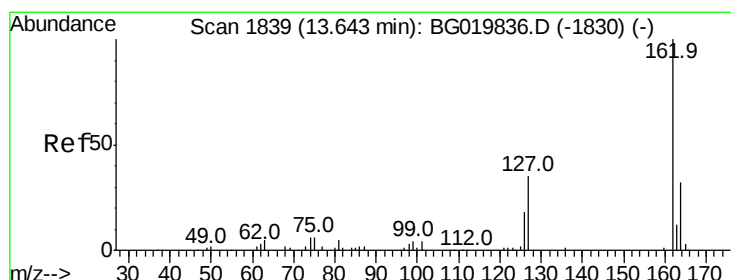
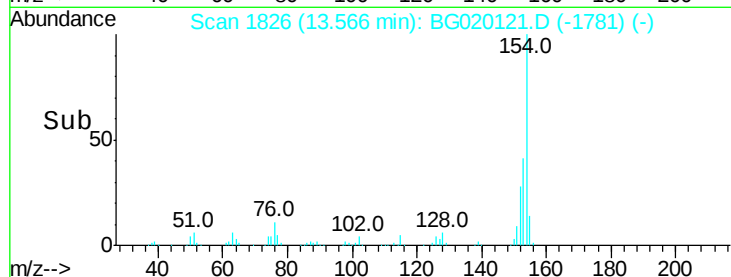
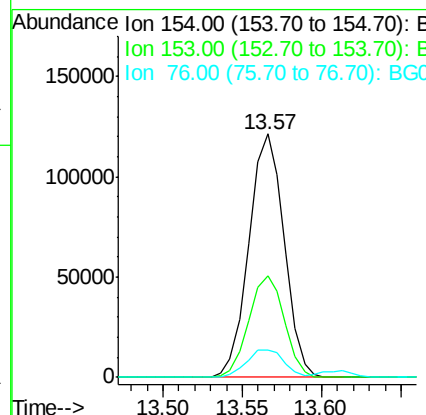
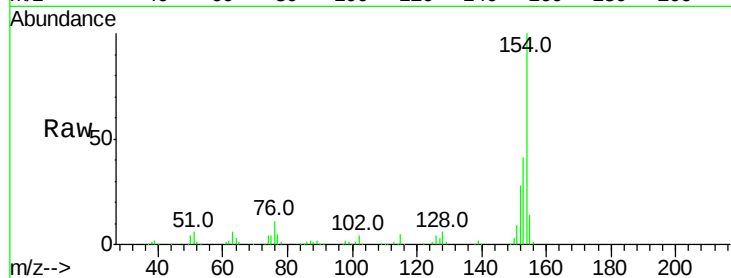




#45
 1,1'-Biphenyl
 Concen: 32.45 ng
 RT: 13.57 min Scan# 1826
 Delta R.T. -0.04 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

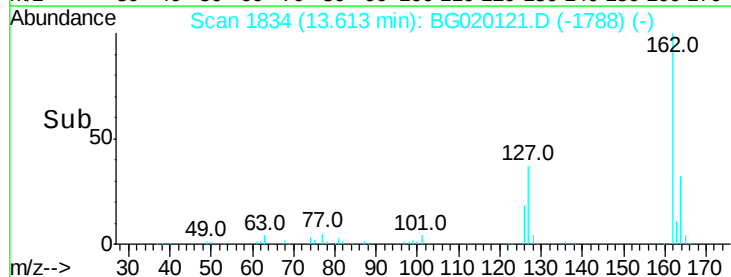
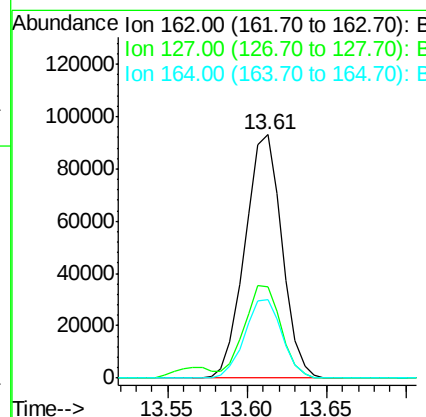
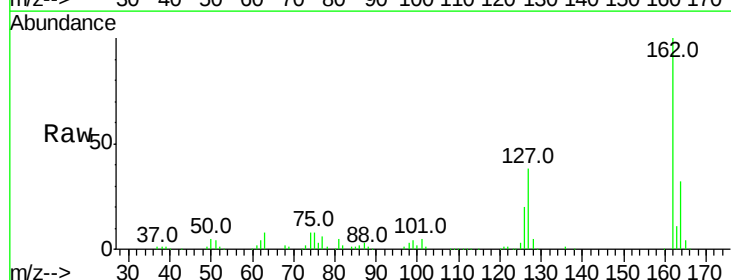
Instrument :
 BNA_G
 ClientSampleId :
 PB87210BSD

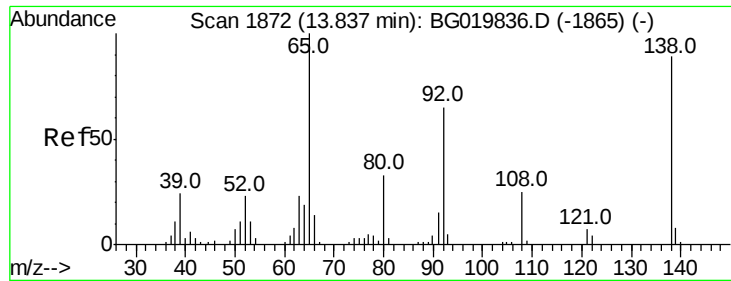
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.9	61.9
76	11.4	0.0	33.2



#46
 2-Chloronaphthalene
 Concen: 33.87 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	28.3	42.5
164	32.0	27.4	41.0

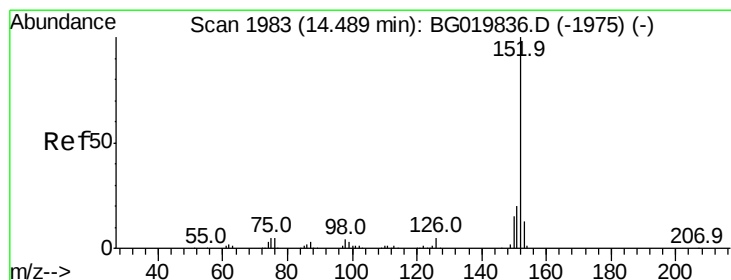
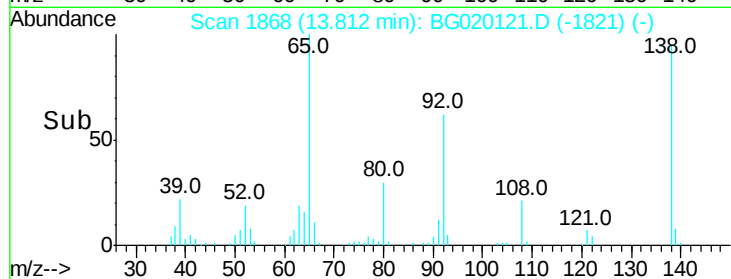
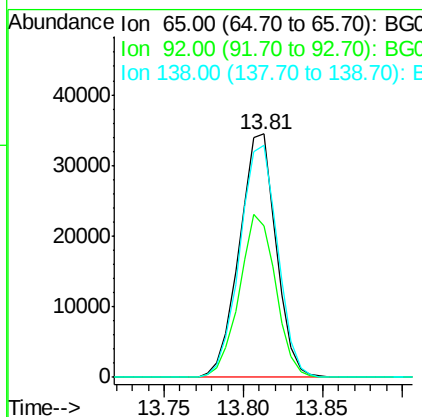
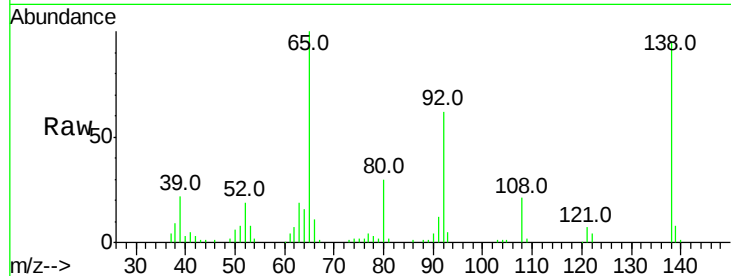




#47
2-Nitroaniline
Concen: 39.47 ng
RT: 13.81 min Scan# 1868
Delta R.T. -0.02 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

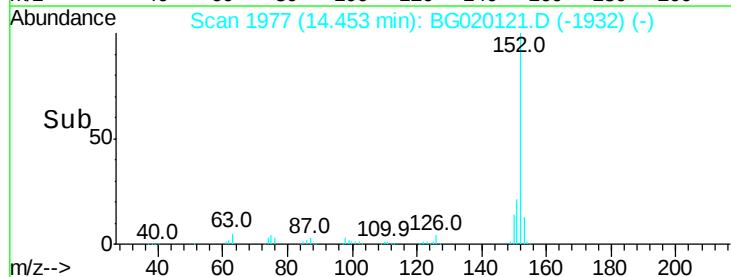
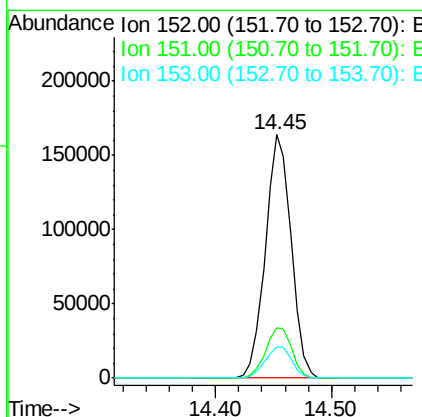
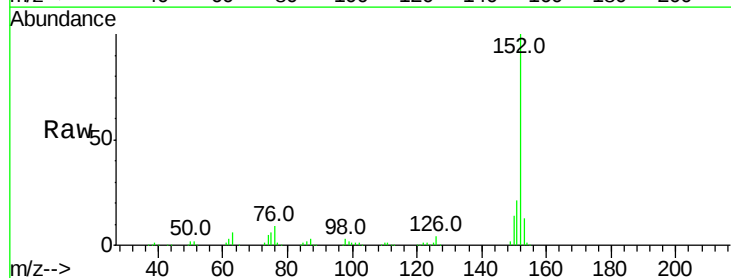
Instrument :
BNA_G
ClientSampleId :
PB87210BSD

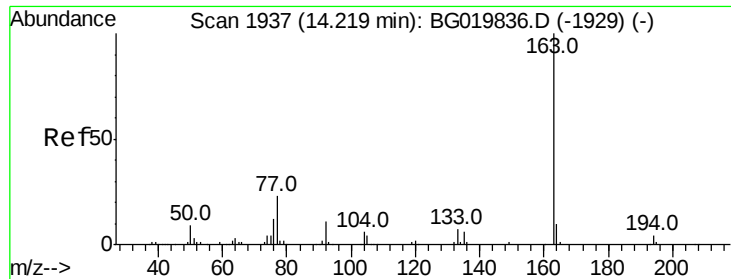
Tot Ion: 65 Resp: 55439
Ion Ratio Lower Upper
65 100
92 62.0 54.8 82.2
138 95.2 89.6 134.4



#48
Acenaphthylene
Concen: 33.65 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion:152 Resp: 254867
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.4
153 12.9 10.4 15.6





#49

Dimethylphthalate

Concen: 34.17 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

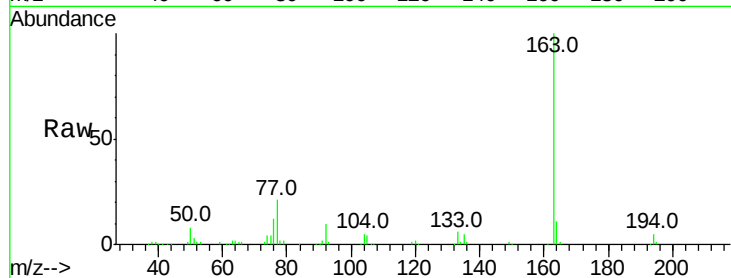
Tot Ion:163 Resp: 216079

Ion Ratio Lower Upper

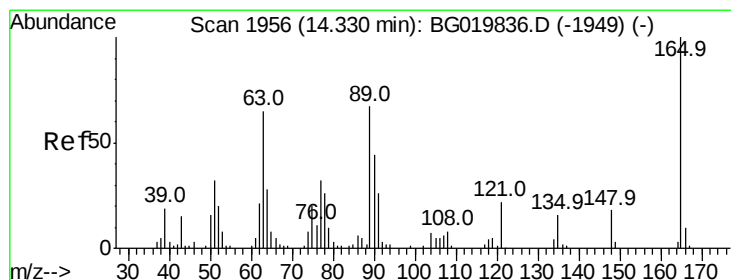
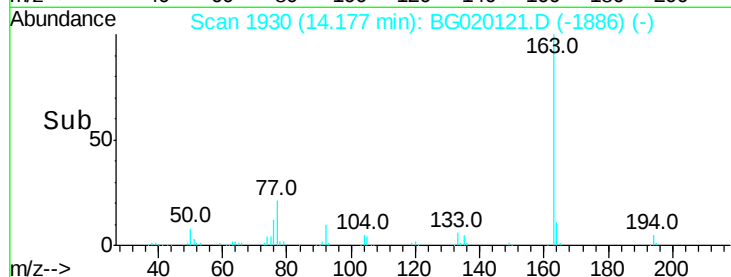
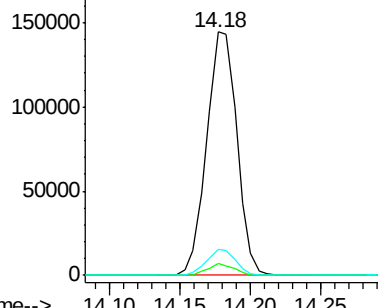
163 100

194 4.7 3.1 4.7#

164 10.5 8.8 13.2



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



#50

2,6-Dinitrotoluene

Concen: 40.51 ng

RT: 14.30 min Scan# 1951

Delta R.T. -0.03 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

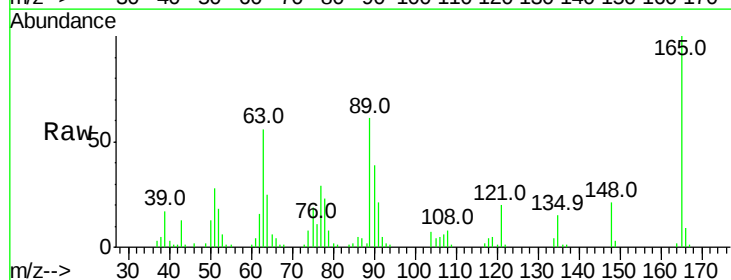
Tgt Ion:165 Resp: 48168

Ion Ratio Lower Upper

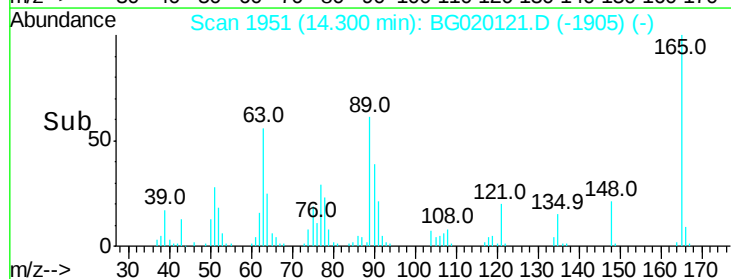
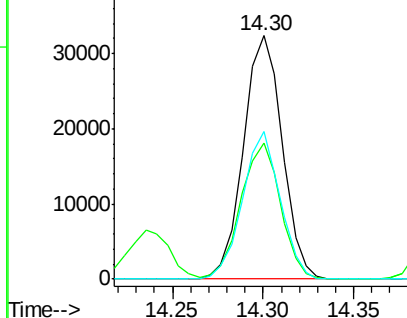
165 100

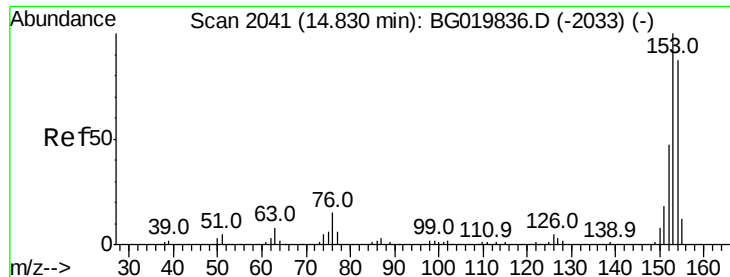
63 56.1 35.7 53.5#

89 60.5 39.7 59.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 32.45 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

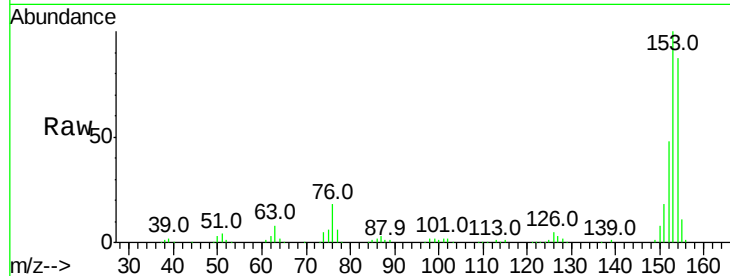
BNA_G

ClientSampleId :

PB87210BSD

Tot Ion:154 Resp: 149133

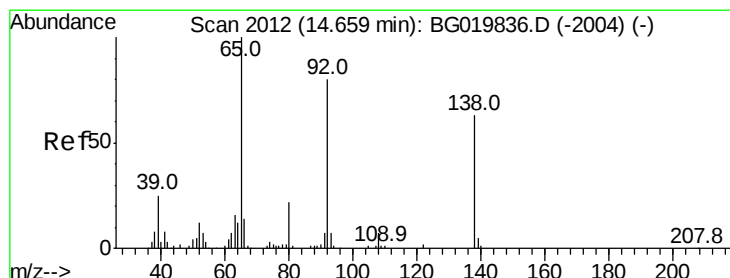
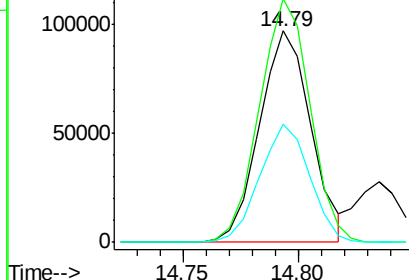
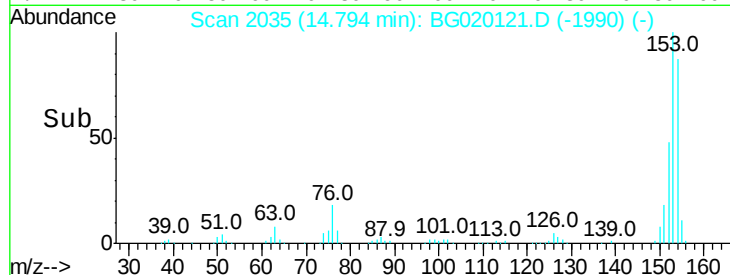
Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.9	139.3
152	55.7	45.8	68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.93 ng

RT: 14.63 min Scan# 2007

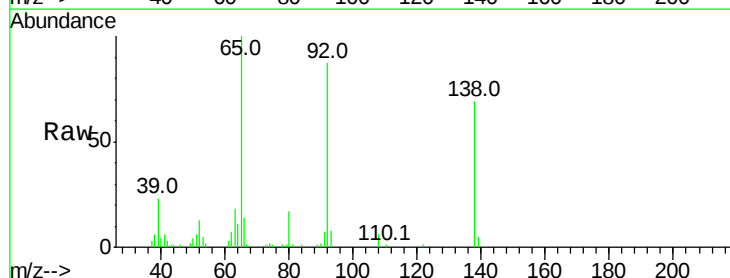
Delta R.T. -0.03 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Tgt Ion:138 Resp: 23387

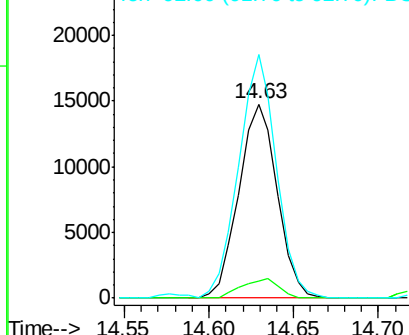
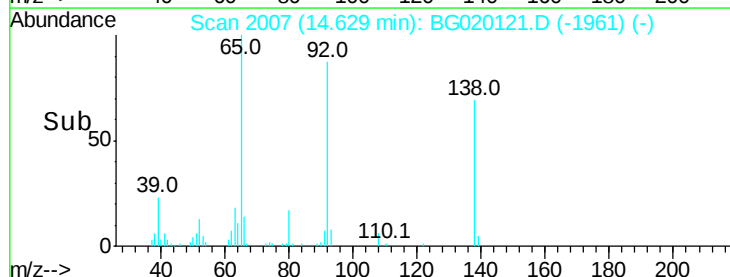
Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.9	11.9
92	125.4	94.2	141.4

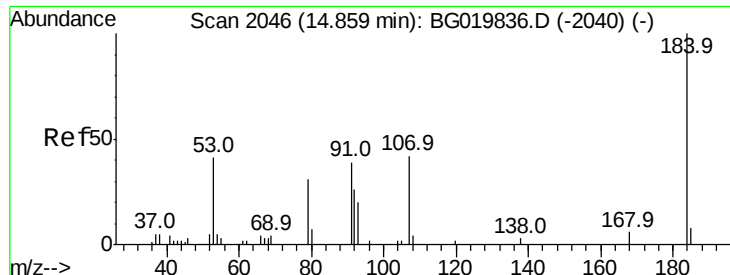


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

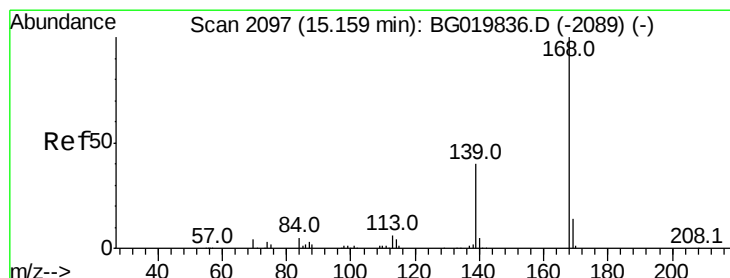
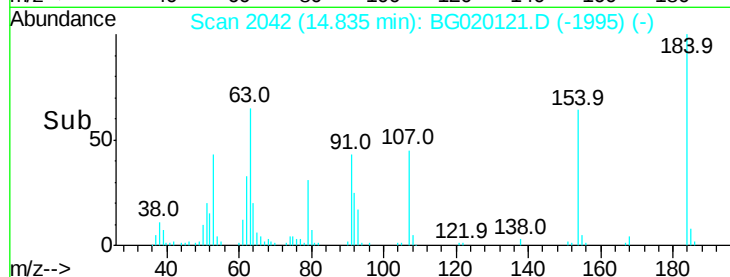
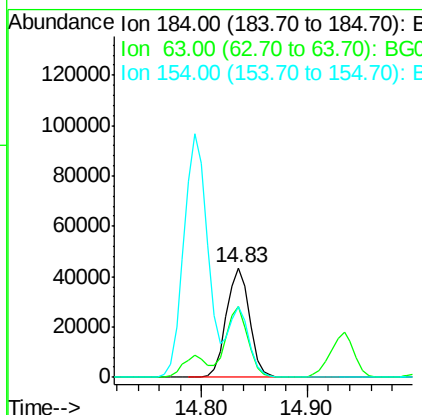
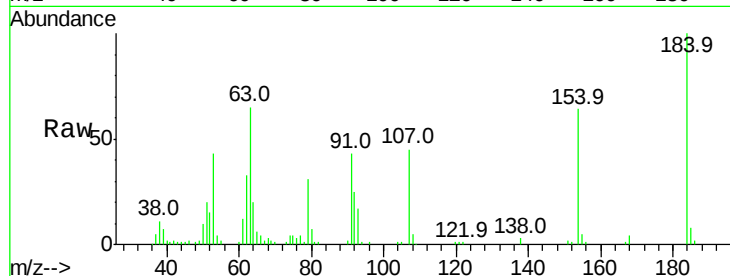




#53
 2,4-Dinitrophenol
 Concen: 101.64 ng
 RT: 14.83 min Scan# 2042
 Delta R.T. -0.02 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

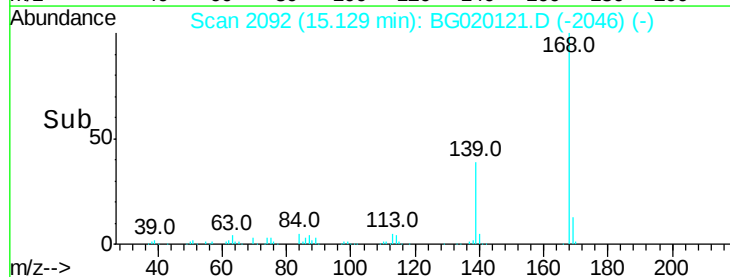
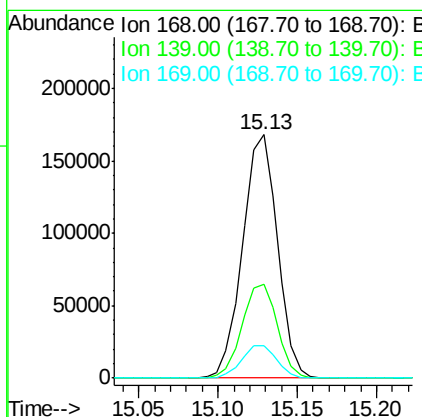
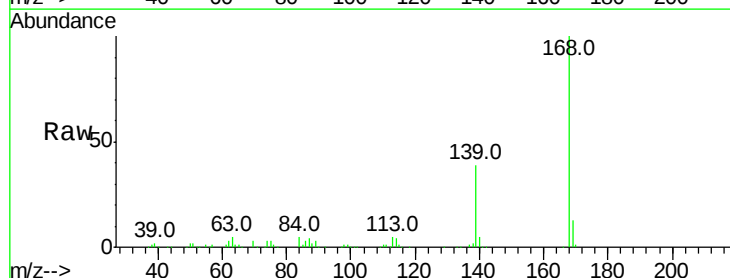
Instrument :
 BNA_G
 ClientSampleId :
 PB87210BSD

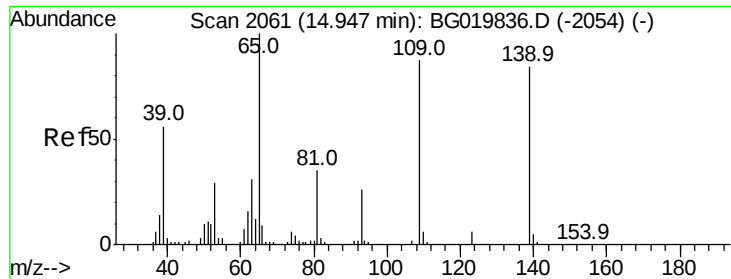
Tot Ion:184 Resp: 66101
 Ion Ratio Lower Upper
 184 100
 63 64.6 42.7 64.1#
 154 64.4 44.3 66.5



#54
 Dibenzofuran
 Concen: 37.56 ng
 RT: 15.13 min Scan# 2092
 Delta R.T. -0.03 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

Tgt Ion:168 Resp: 256816
 Ion Ratio Lower Upper
 168 100
 139 38.7 27.4 41.0
 169 13.5 11.0 16.4





#55

4-Nitrophenol

Concen: 77.73 ng

RT: 14.93 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

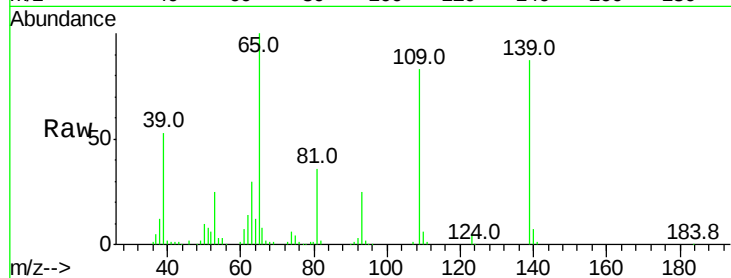
Tot Ion:139 Resp: 83614

Ion Ratio Lower Upper

139 100

109 95.1 43.2 83.2#

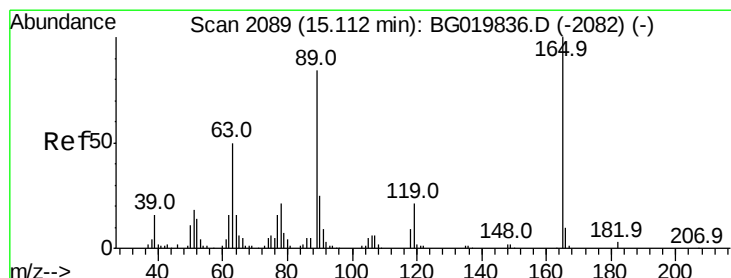
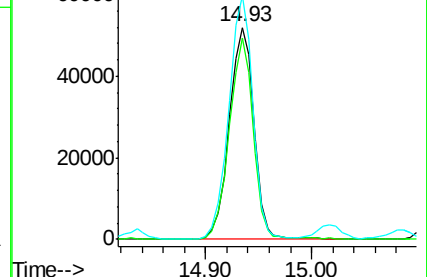
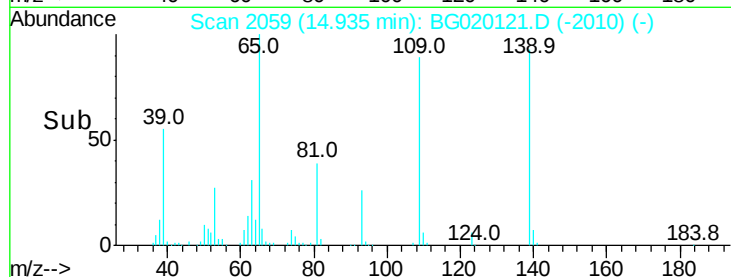
65 114.9 67.8 107.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 41.71 ng

RT: 15.09 min Scan# 2085

Delta R.T. -0.02 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Tgt Ion:165 Resp: 69182

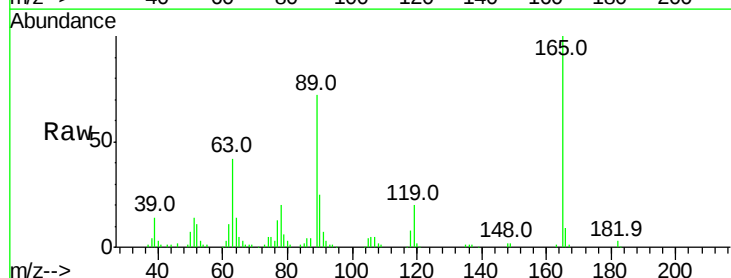
Ion Ratio Lower Upper

165 100

63 42.0 31.0 46.4

89 72.4 54.4 81.6

182 2.8 1.6 2.4#

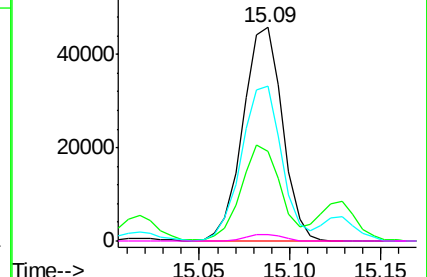
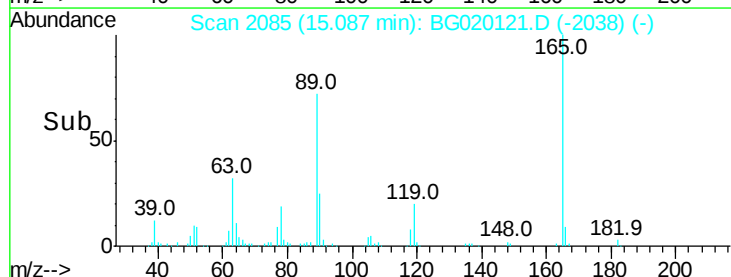


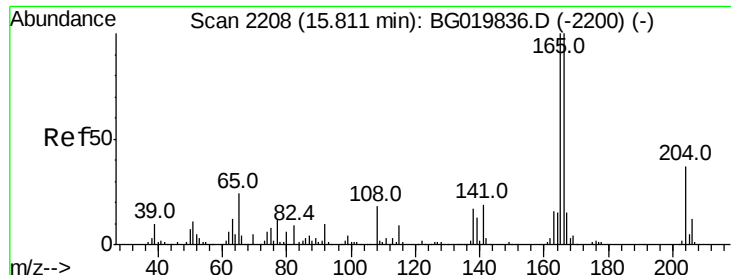
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.75 ng

RT: 15.77 min Scan# 2202

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

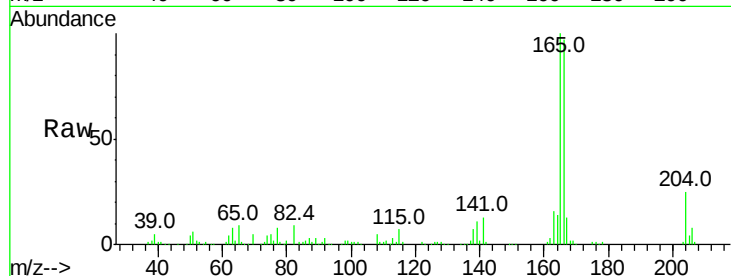
Tot Ion:166 Resp: 206548

Ion Ratio Lower Upper

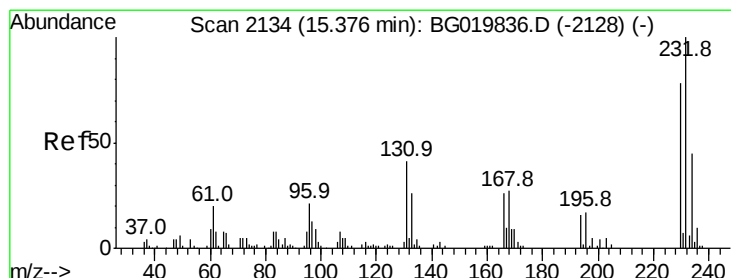
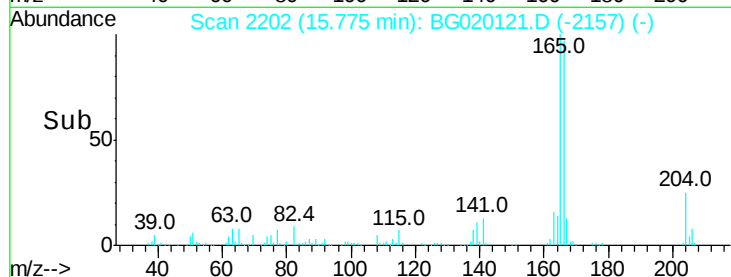
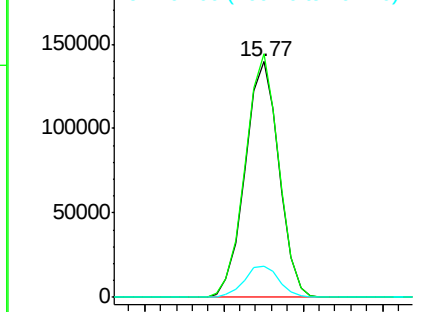
166 100

165 103.4 80.0 120.0

167 13.4 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



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.76 ng

RT: 15.35 min Scan# 2129

Delta R.T. -0.03 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Tgt Ion:232 Resp: 72145

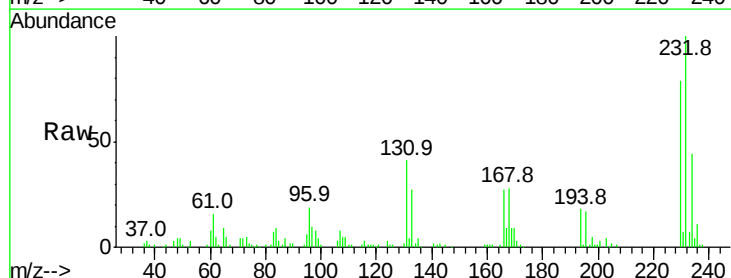
Ion Ratio Lower Upper

232 100

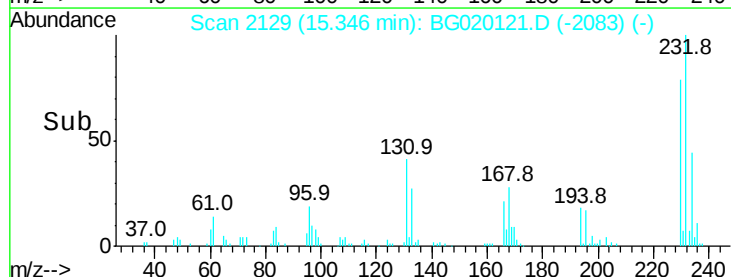
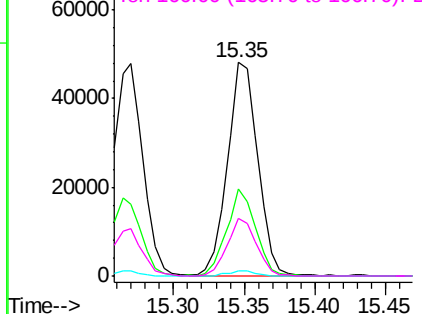
131 38.7 33.0 49.6

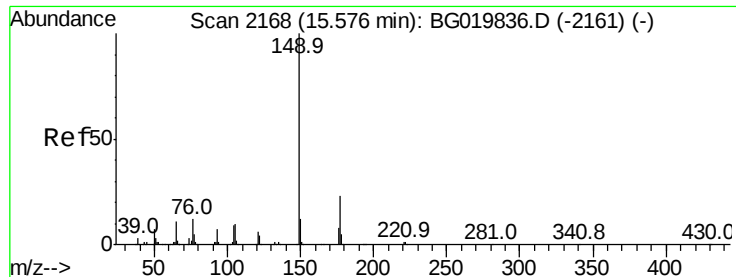
130 2.1 2.0 3.0

166 25.8 24.1 36.1



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 32.57 ng

RT: 15.54 min Scan# 2162

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

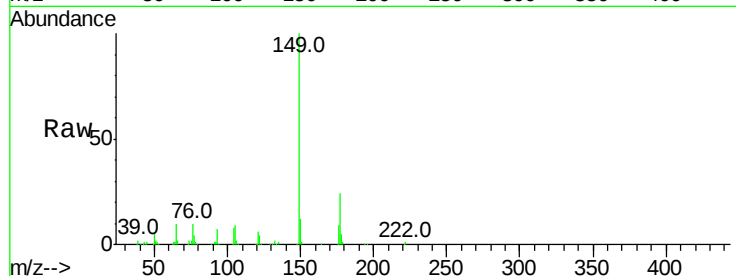
Tot Ion:149 Resp: 222902

Ion Ratio Lower Upper

149 100

177 23.6 19.6 29.4

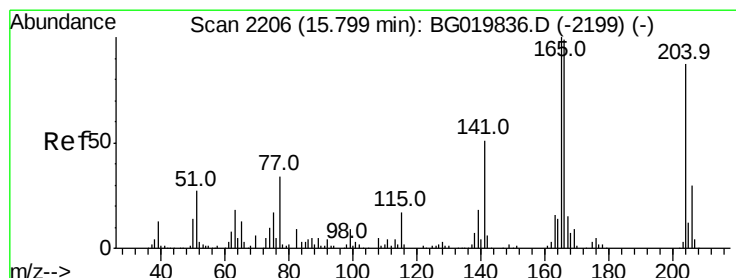
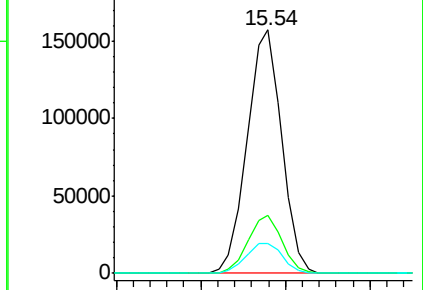
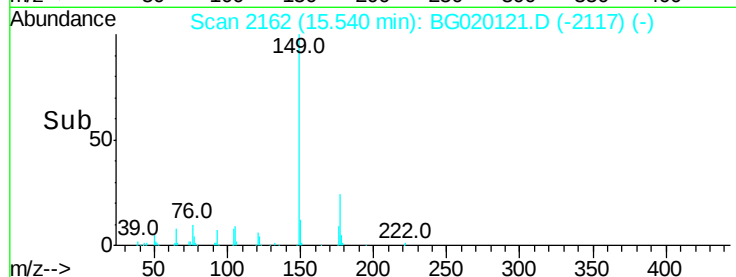
150 12.1 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 33.27 ng

RT: 15.76 min Scan# 2200

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

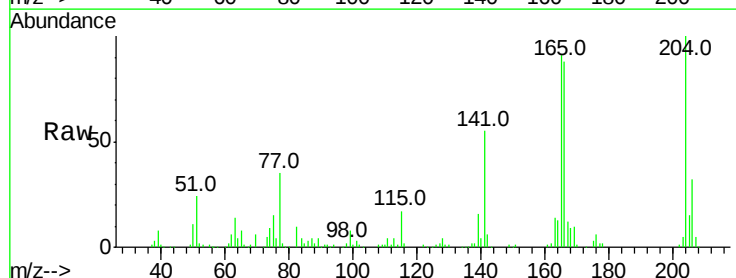
Tgt Ion:204 Resp: 116893

Ion Ratio Lower Upper

204 100

206 32.2 28.3 42.5

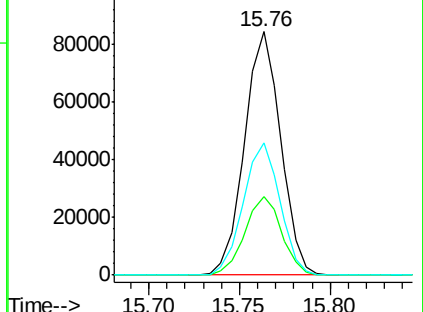
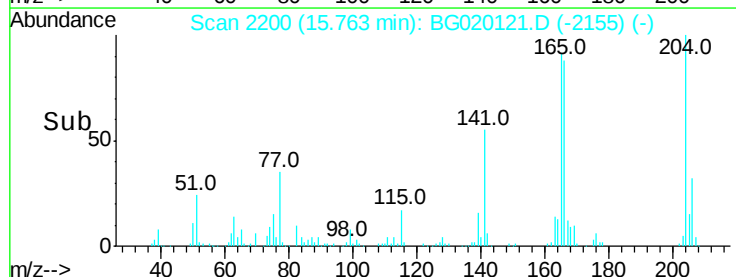
141 54.6 44.0 66.0

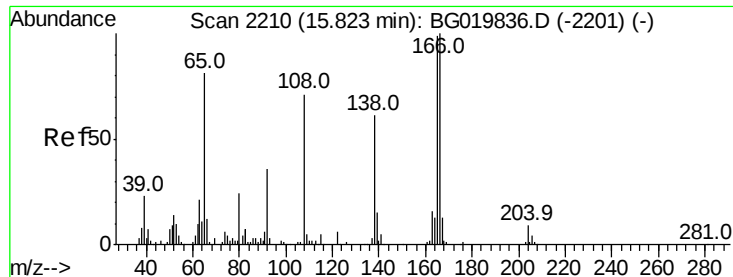


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.64 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.03 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

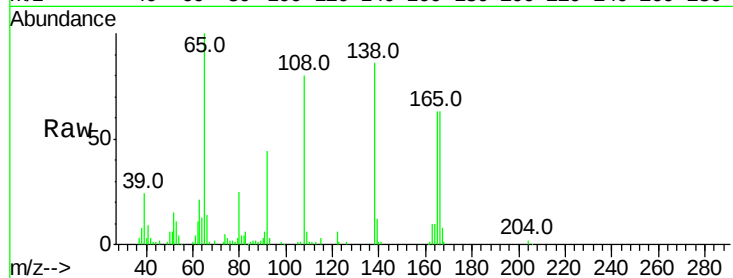
Tot Ion:138 Resp: 50903

Ion Ratio Lower Upper

138 100

92 51.8 29.1 69.1

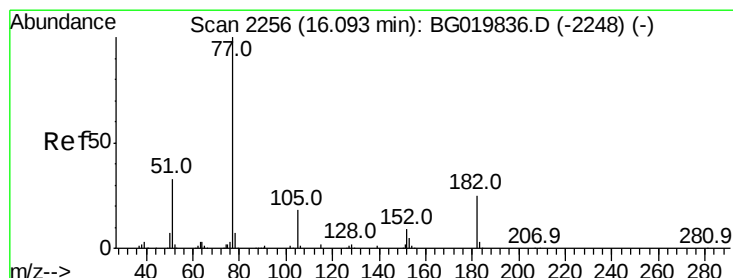
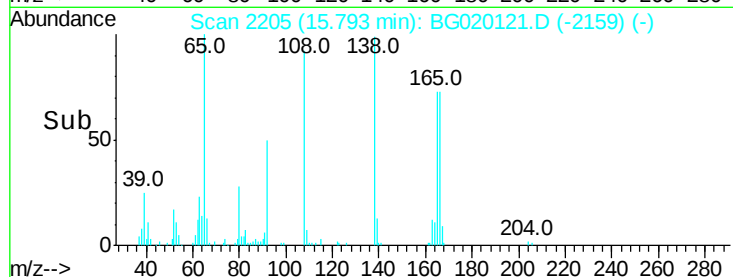
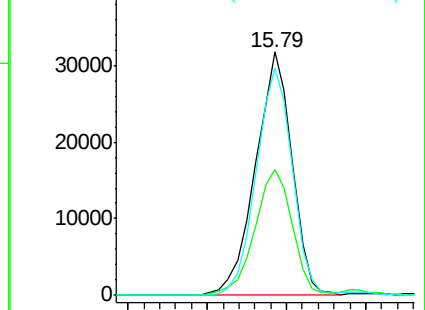
108 93.2 49.8 89.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.10 ng

RT: 16.06 min Scan# 2250

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Tgt Ion: 77 Resp: 199855

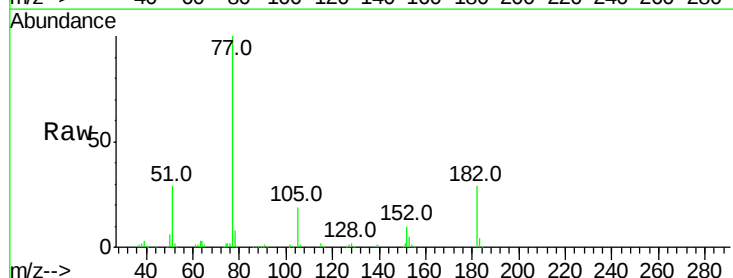
Ion Ratio Lower Upper

77 100

182 29.5 7.0 47.0

105 19.2 1.4 41.4

51 28.7 4.9 44.9

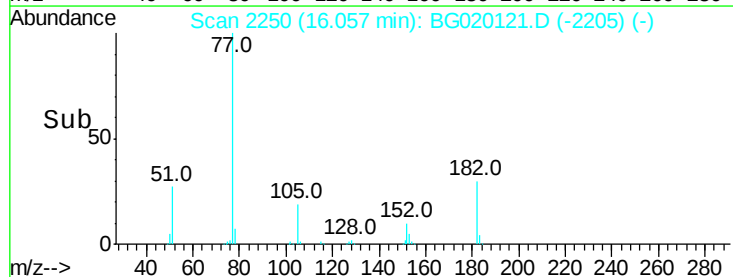
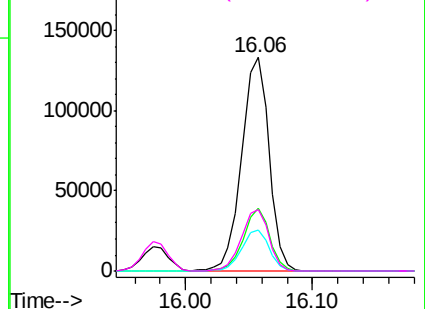


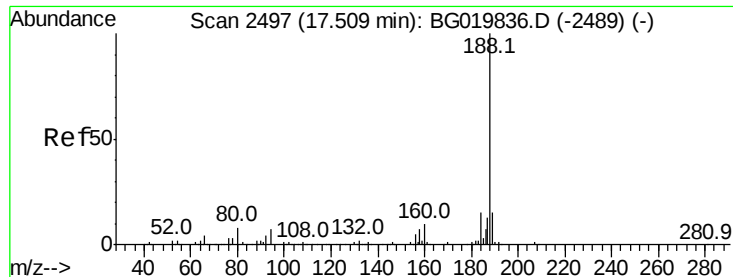
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

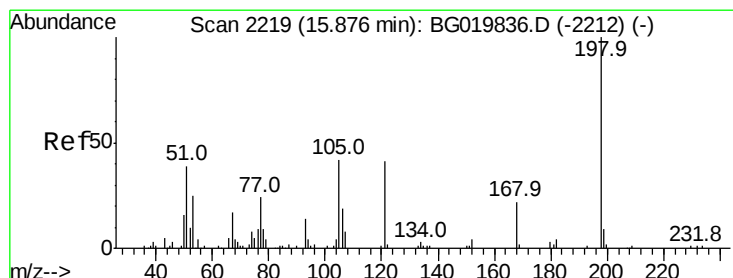
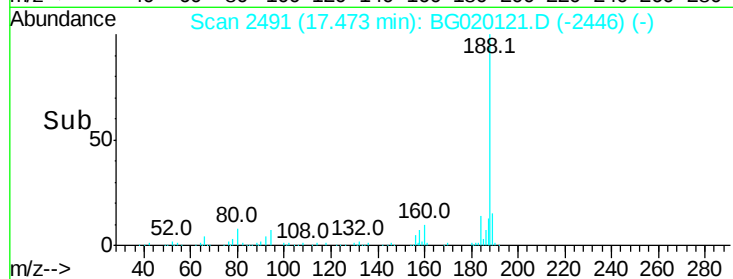
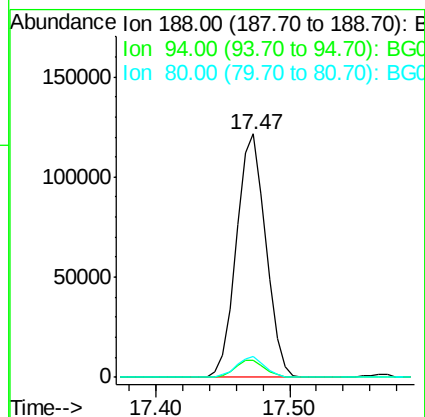
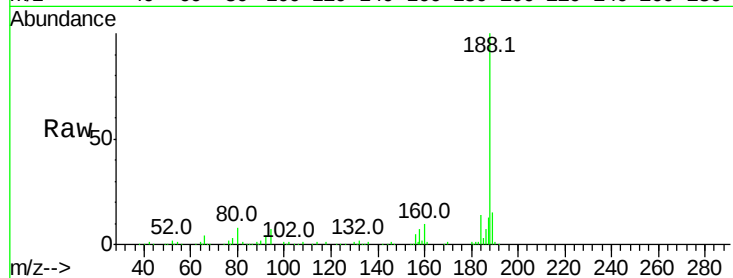




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

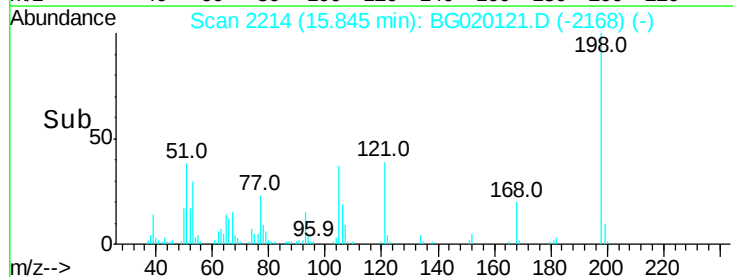
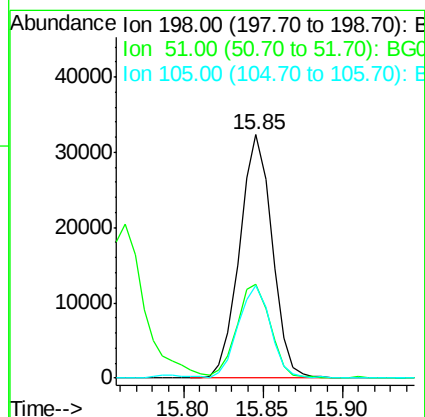
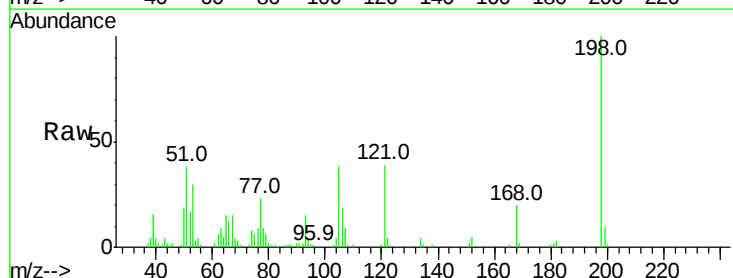
Instrument :
BNA_G
ClientSampleId :
PB87210BSD

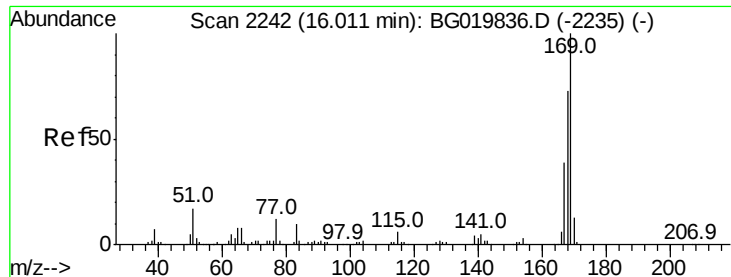
Tot Ion:188 Resp: 185085
Ion Ratio Lower Upper
188 100
94 7.2 7.7 11.5#
80 8.4 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 44.79 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion:198 Resp: 46080
Ion Ratio Lower Upper
198 100
51 38.4 14.2 54.2
105 38.0 21.1 61.1





#65

n-Nitrosodiphenylamine

Concen: 36.09 ng

RT: 15.97 min Scan# 2236

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

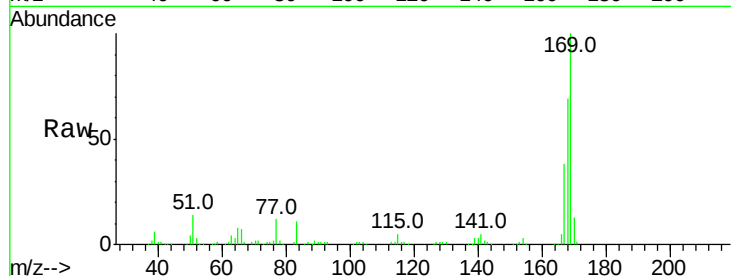
Tot Ion:169 Resp: 193324

Ion Ratio Lower Upper

169 100

168 68.8 58.2 87.2

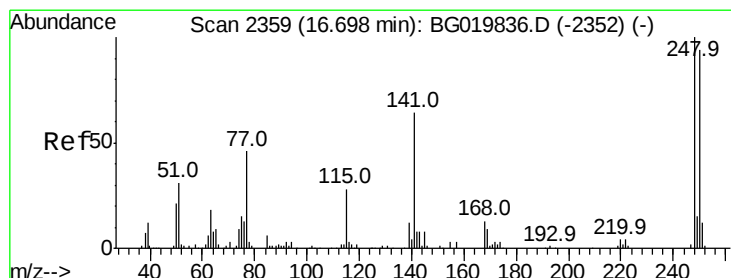
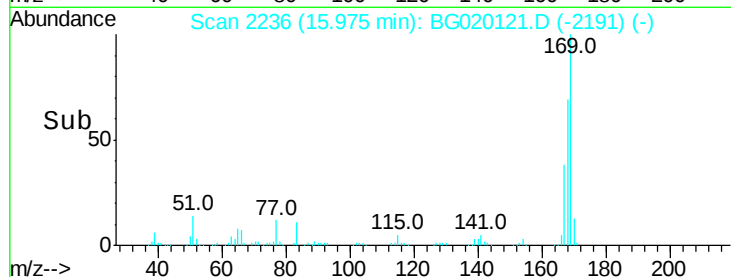
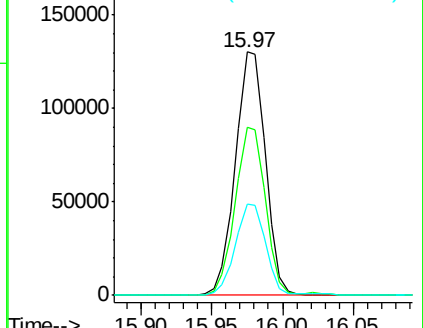
167 37.7 32.7 49.1



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



#66

4-Bromophenyl-phenylether

Concen: 34.63 ng

RT: 16.66 min Scan# 2352

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

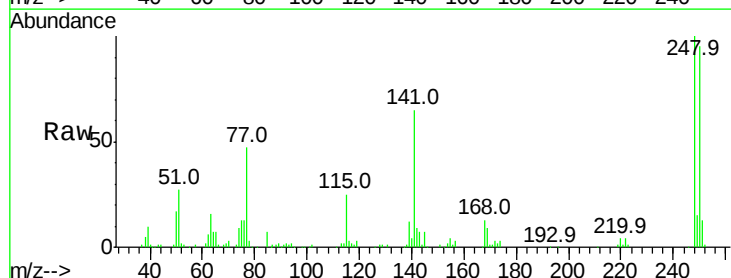
Tgt Ion:248 Resp: 79643

Ion Ratio Lower Upper

248 100

250 94.7 77.8 116.8

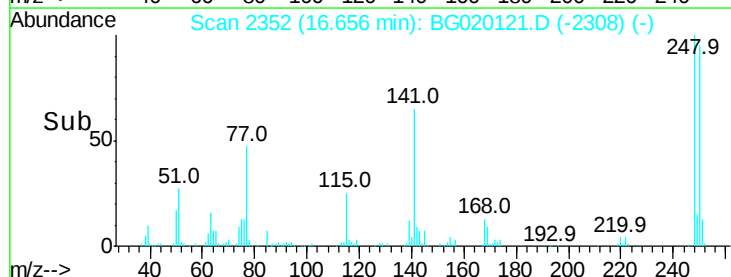
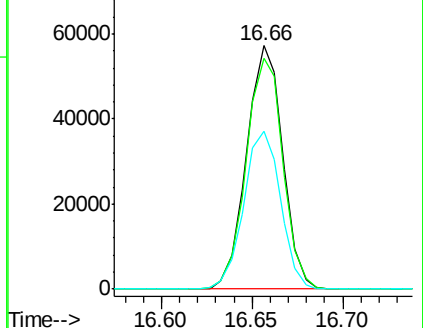
141 65.0 50.4 75.6

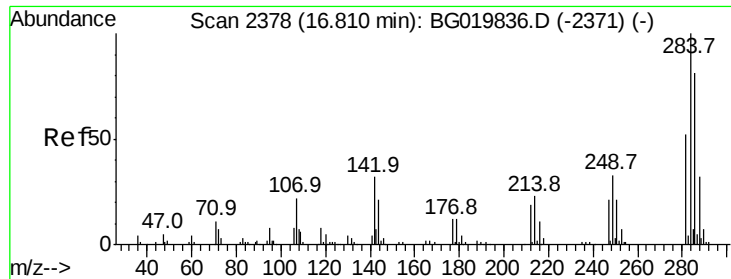


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

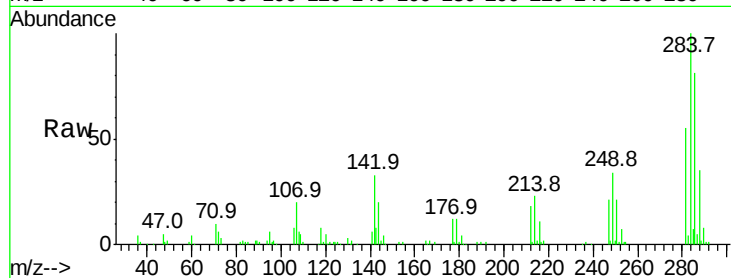




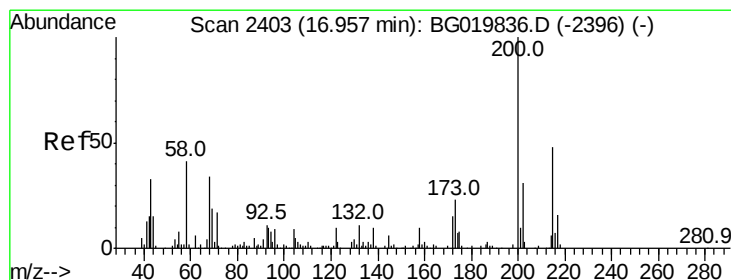
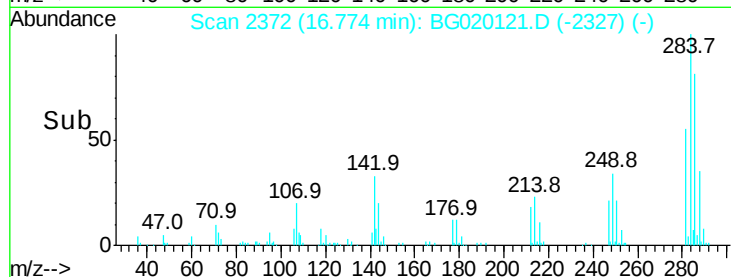
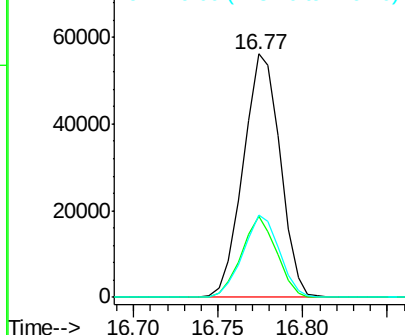
#67
Hexachlorobenzene
Concen: 35.69 ng
RT: 16.77 min Scan# 2372
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Instrument :
BNA_G
ClientSampleId :
PB87210BSD

Tot Ion:284 Resp: 85512
Ion Ratio Lower Upper
284 100
142 33.1 26.6 39.8
249 34.1 26.2 39.2

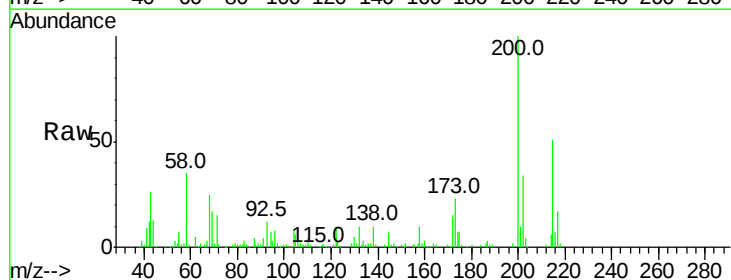


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

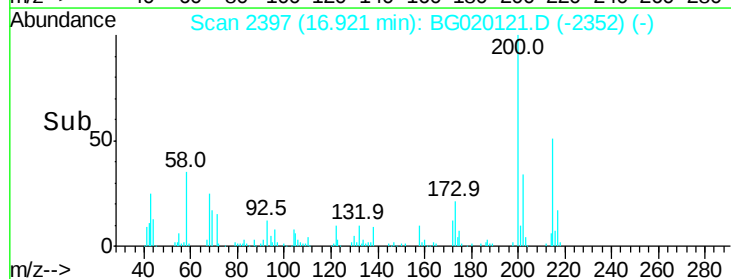
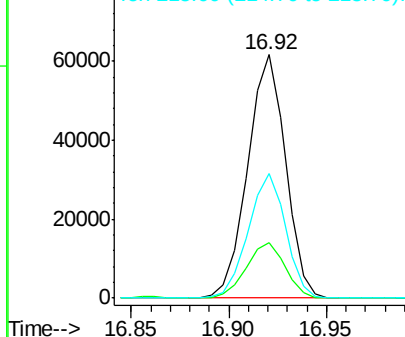


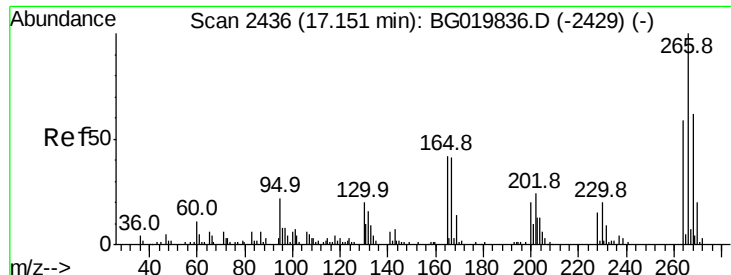
#68
Atrazine
Concen: 35.50 ng
RT: 16.92 min Scan# 2397
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion:200 Resp: 82621
Ion Ratio Lower Upper
200 100
173 23.0 5.2 45.2
215 51.1 27.0 67.0



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

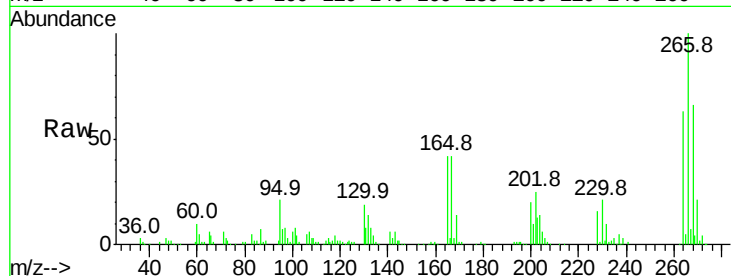




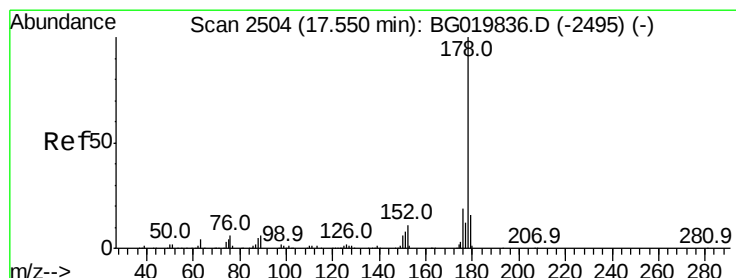
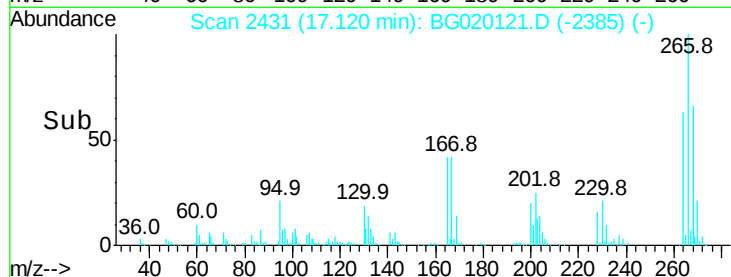
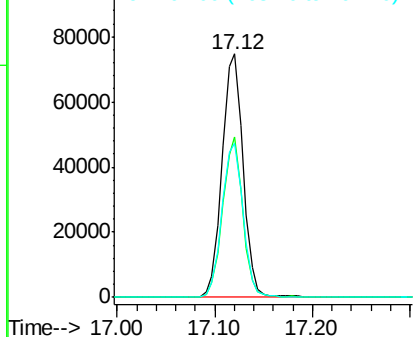
#69
 Pentachlorophenol
 Concen: 80.00 ng
 RT: 17.12 min Scan# 2431
 Delta R.T. -0.03 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

Instrument :
 BNA_G
 ClientSampleId :
 PB87210BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.9	47.6	71.4
264	63.0	48.1	72.1

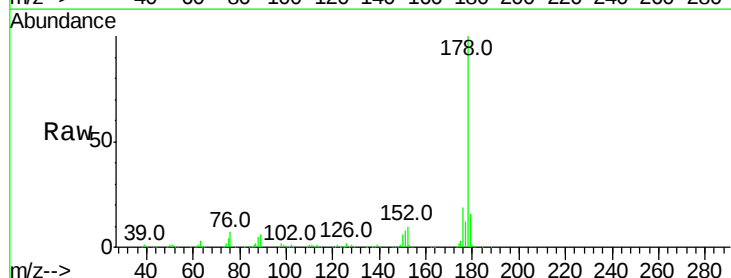


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

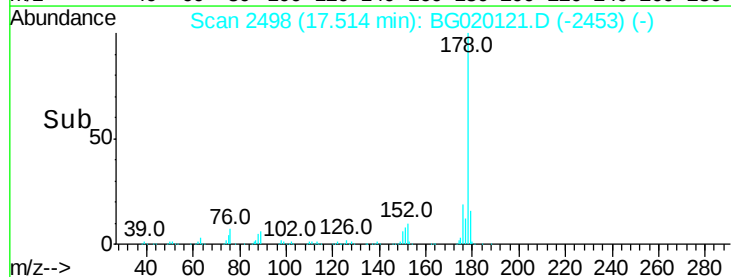
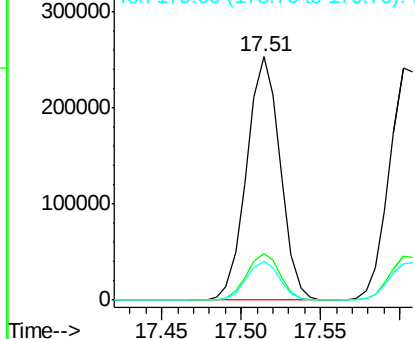


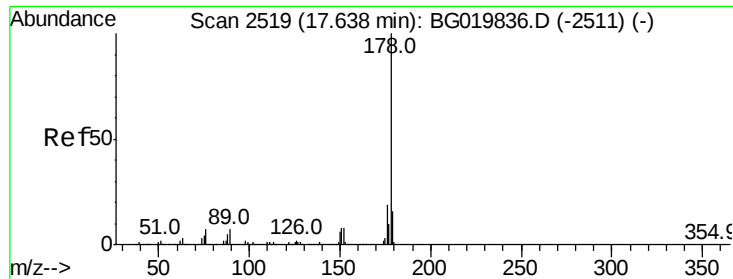
#70
 Phenanthrene
 Concen: 35.53 ng
 RT: 17.51 min Scan# 2498
 Delta R.T. -0.04 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.7	25.1
179	15.9	13.9	20.9



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

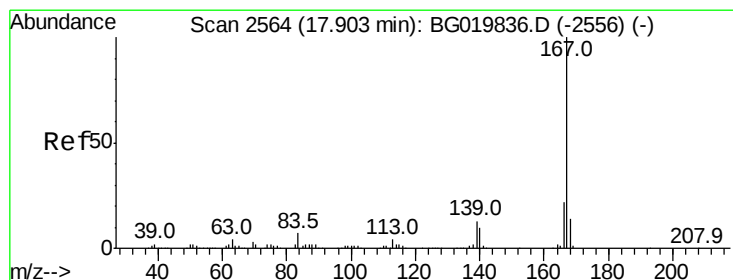
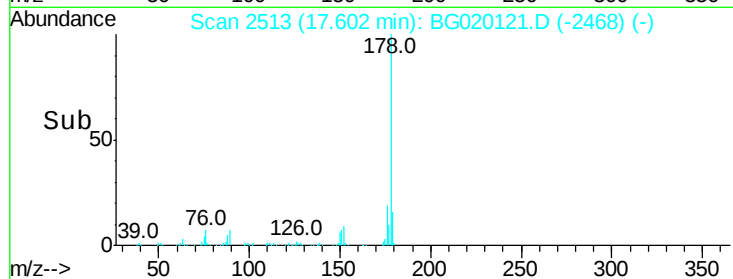
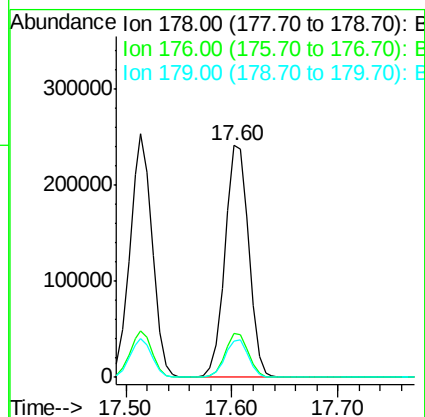
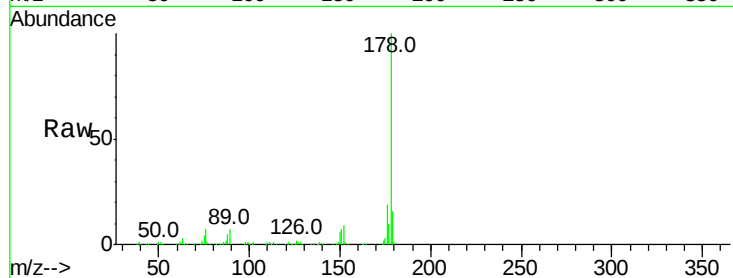




#71
 Anthracene
 Concen: 35.06 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. -0.04 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

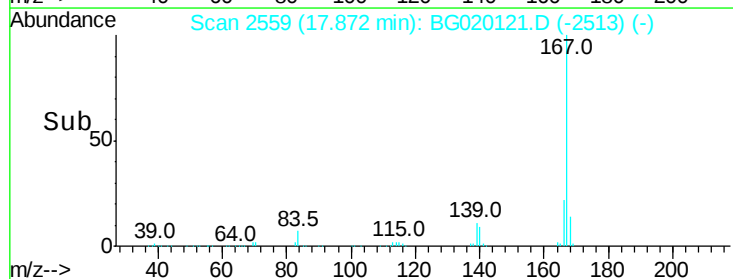
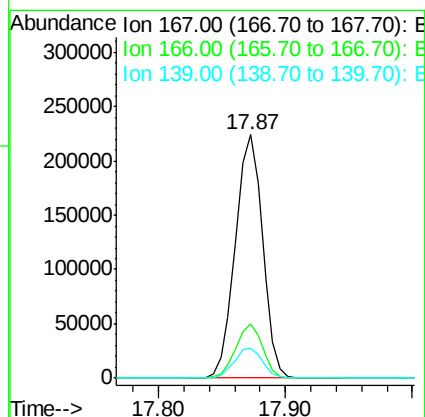
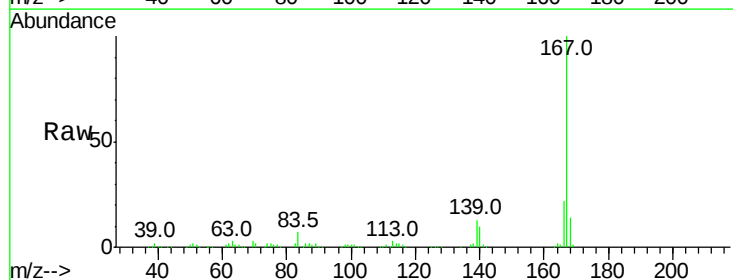
Instrument :
 BNA_G
 ClientSampleId :
 PB87210BSD

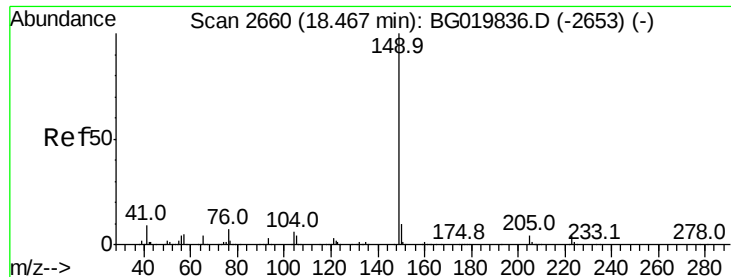
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.8	25.2
179	15.9	13.9	20.9



#72
 Carbazole
 Concen: 35.43 ng
 RT: 17.87 min Scan# 2559
 Delta R.T. -0.03 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.0	28.6
139	12.5	10.2	15.4

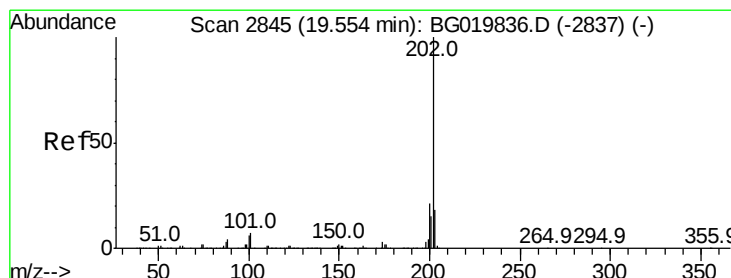
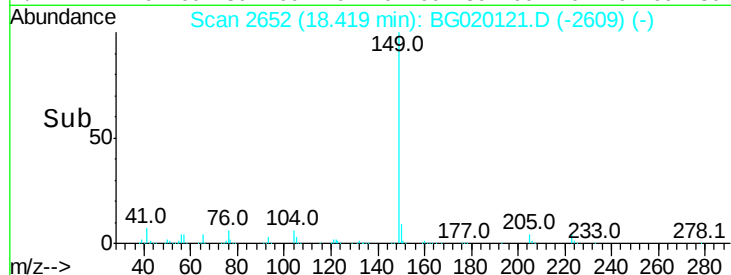
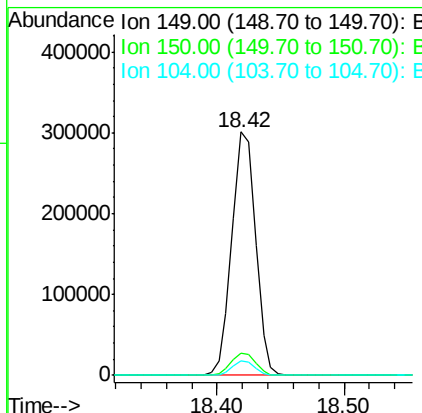
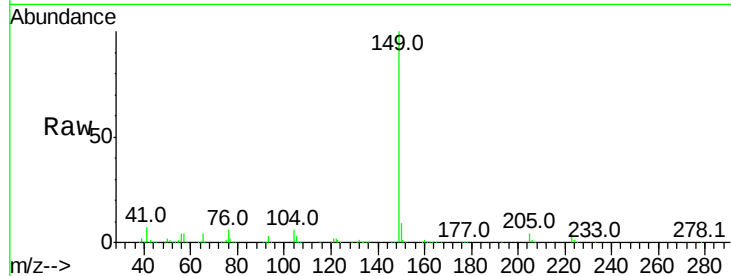




#73
Di-n-butylphthalate
Concen: 33.82 ng
RT: 18.42 min Scan# 2652
Delta R.T. -0.05 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

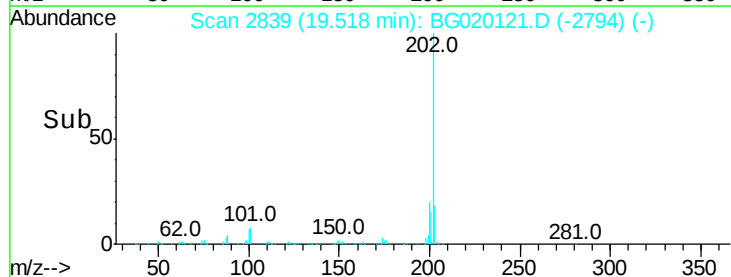
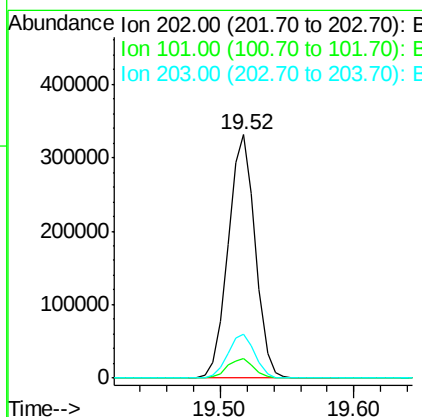
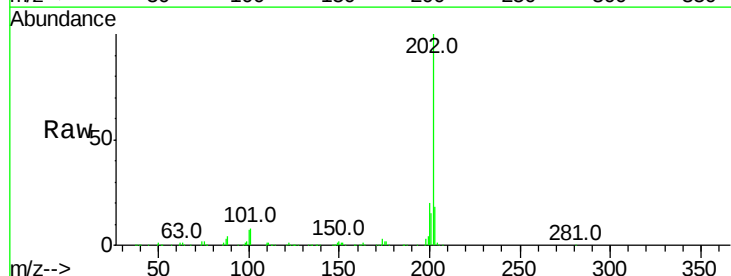
Instrument :
BNA_G
ClientSampleId :
PB87210BSD

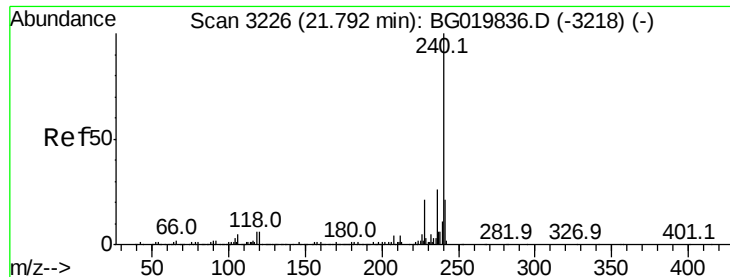
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.2	12.4
104	5.9	4.4	6.6



#74
Fluoranthene
Concen: 34.86 ng
RT: 19.52 min Scan# 2839
Delta R.T. -0.04 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	32.4
203	18.2	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3218

Delta R.T. -0.05 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

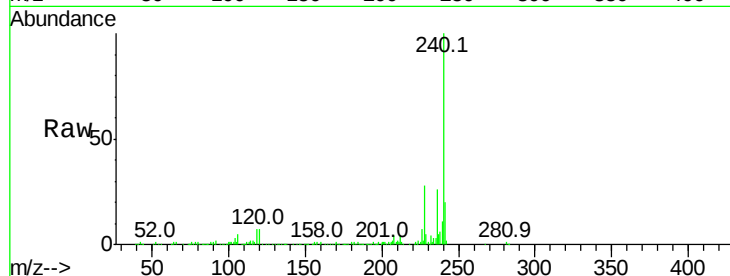
Tot Ion:240 Resp: 216750

Ion Ratio Lower Upper

240 100

120 7.0 7.4 11.0#

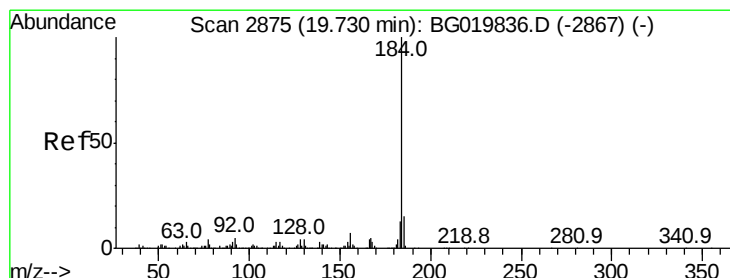
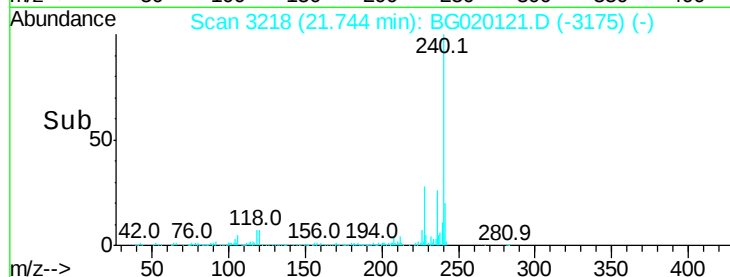
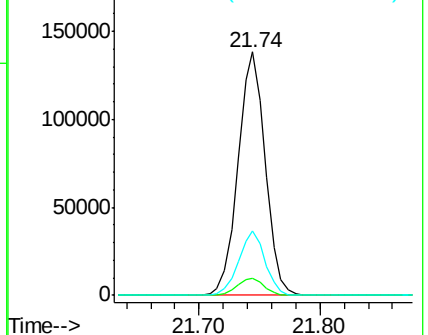
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.91 ng

RT: 19.69 min Scan# 2869

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

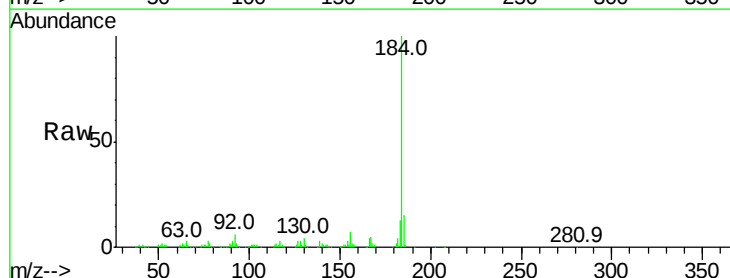
Tgt Ion:184 Resp: 198678

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.2

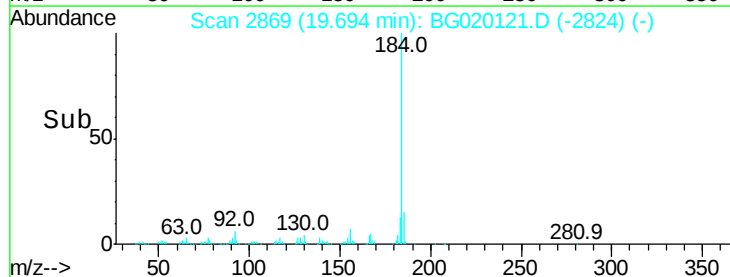
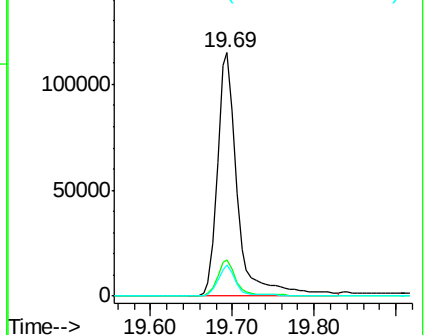
183 12.6 10.1 15.1

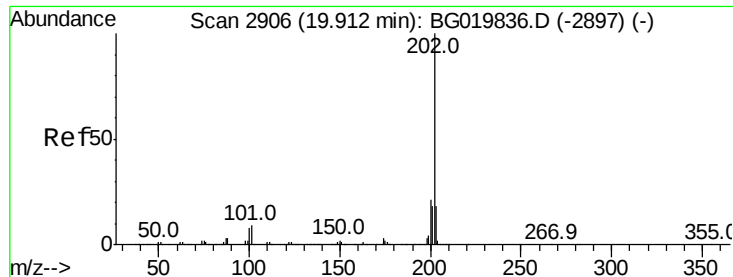


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.20 ng

RT: 19.88 min Scan# 2900

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

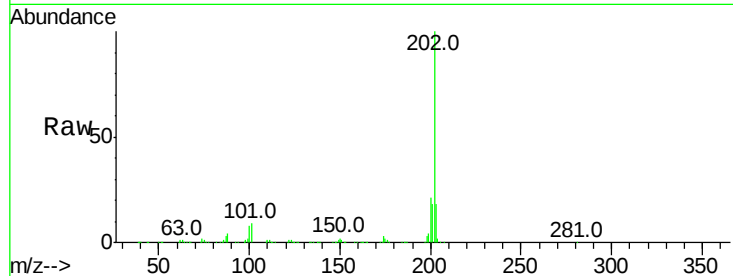
Tot Ion:202 Resp: 474354

Ion Ratio Lower Upper

202 100

200 20.7 19.4 29.0

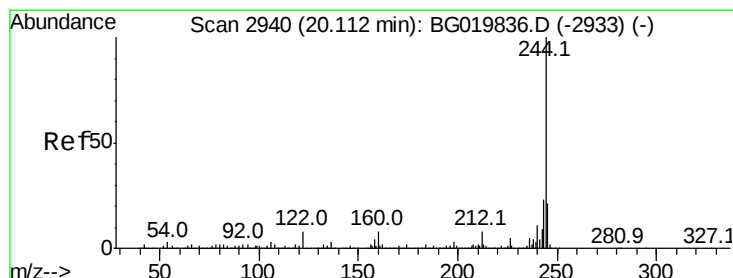
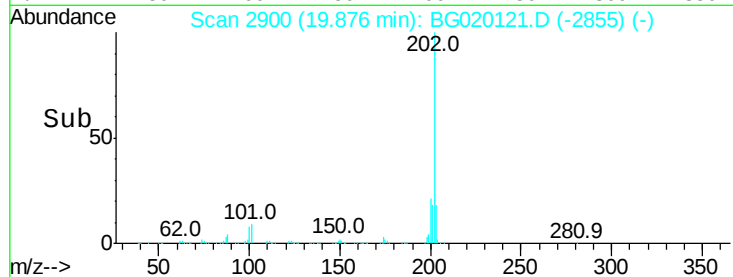
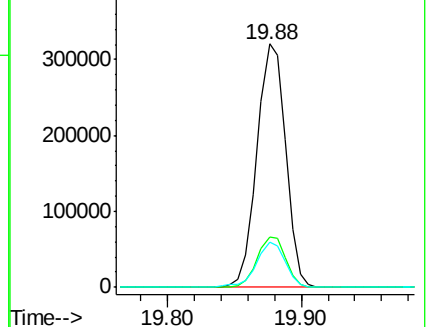
203 18.3 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.85 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

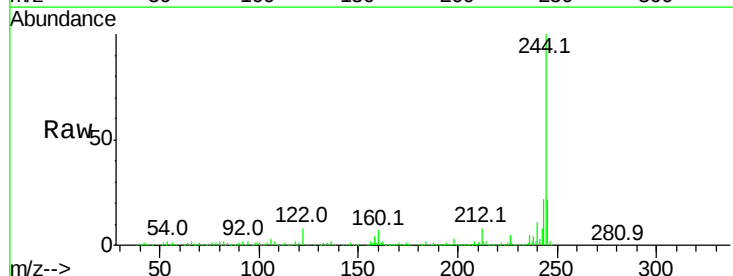
Tgt Ion:244 Resp: 629583

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

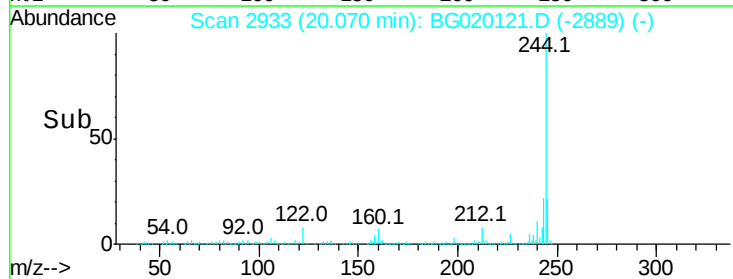
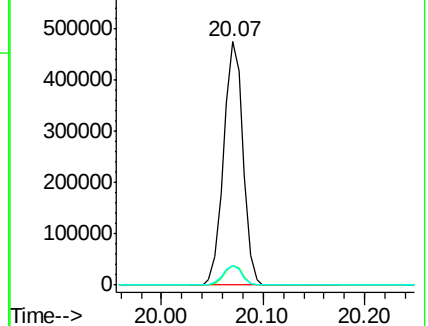
122 7.9 10.2 15.2#

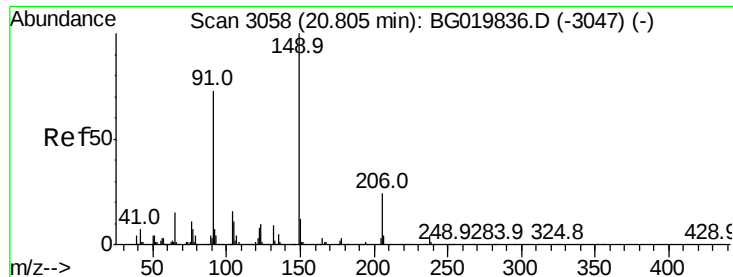


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

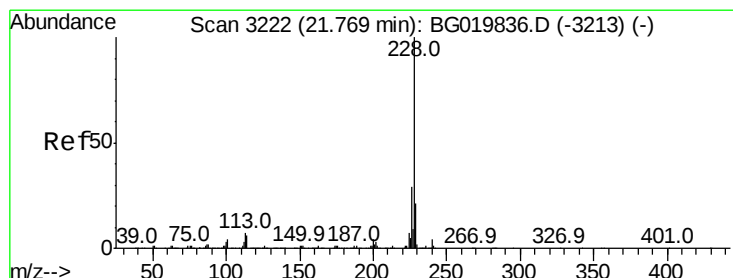
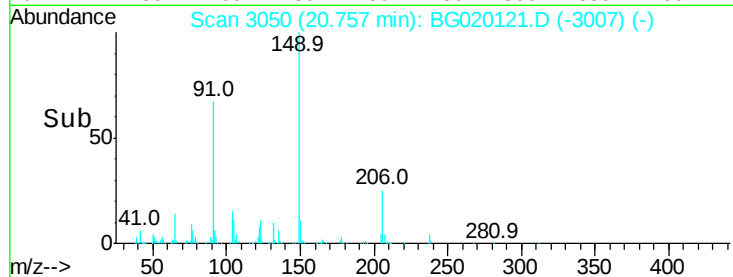
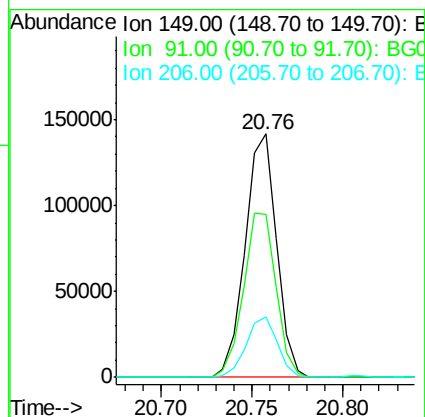
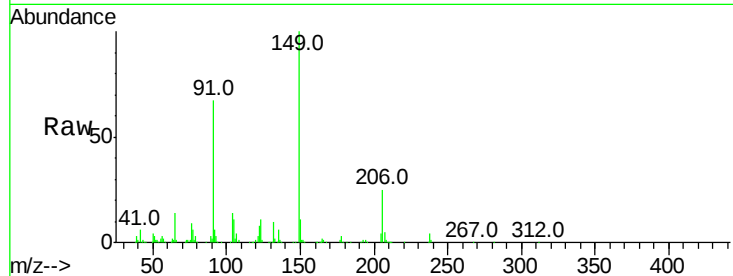




#79
Butylbenzylphthalate
Concen: 34.10 ng
RT: 20.76 min Scan# 3050
Delta R.T. -0.05 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

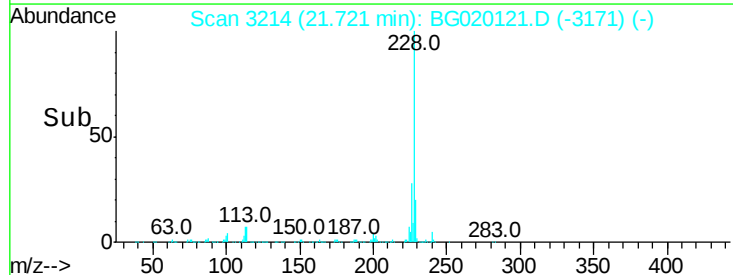
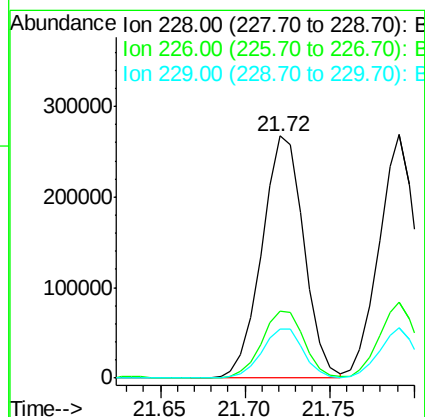
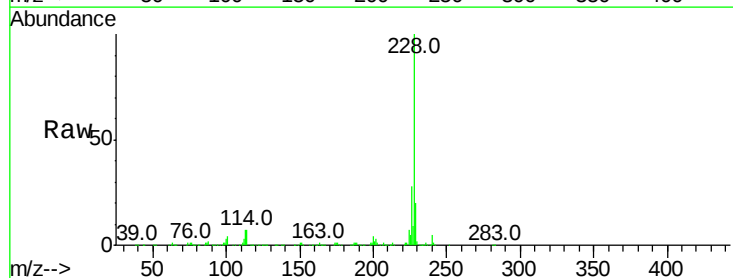
Instrument :
BNA_G
ClientSampleId :
PB87210BSD

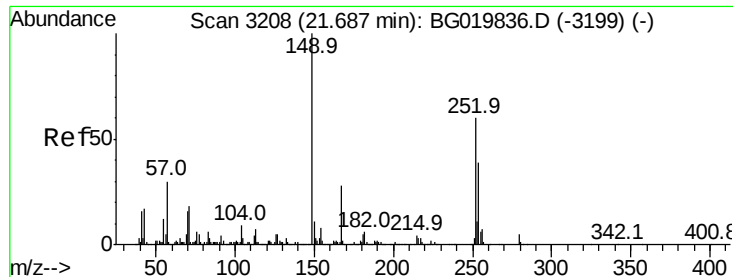
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.1	58.1	87.1
206	24.8	17.8	26.8



#80
Benzo(a)anthracene
Concen: 34.80 ng
RT: 21.72 min Scan# 3214
Delta R.T. -0.05 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.0
229	20.2	16.6	25.0

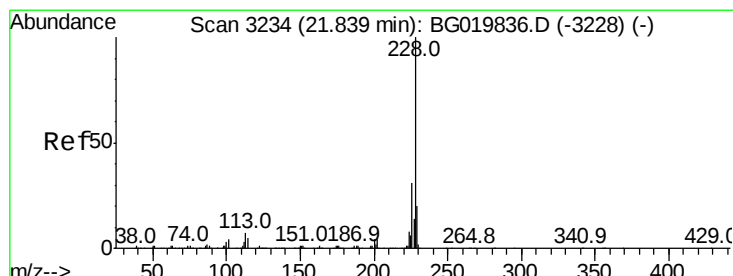
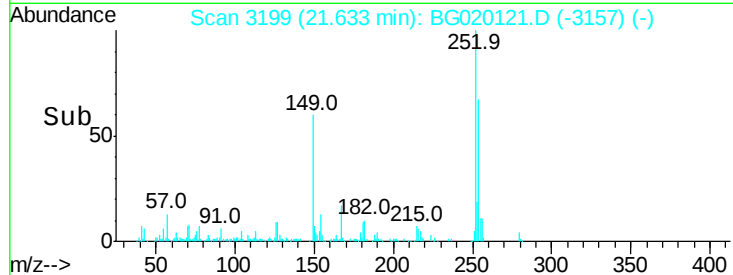
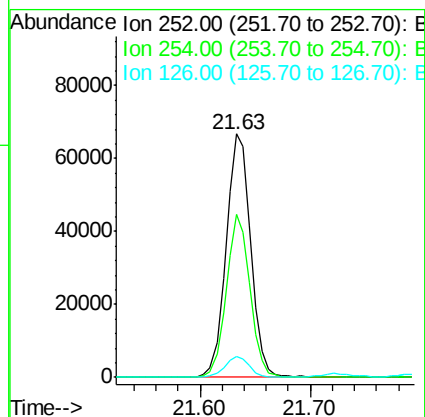
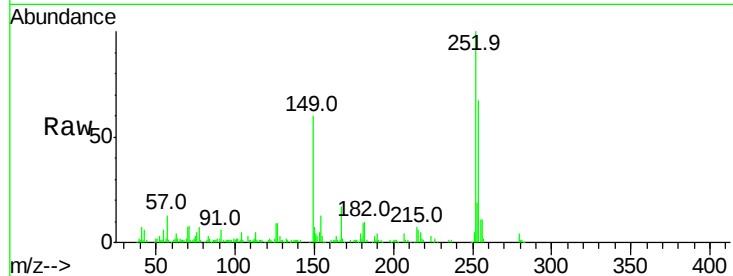




#81
 3,3'-Dichlorobenzidine
 Concen: 20.53 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.05 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

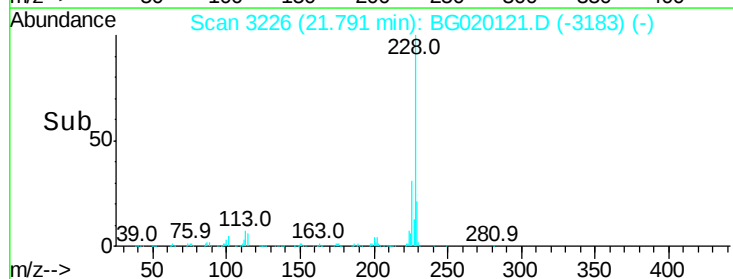
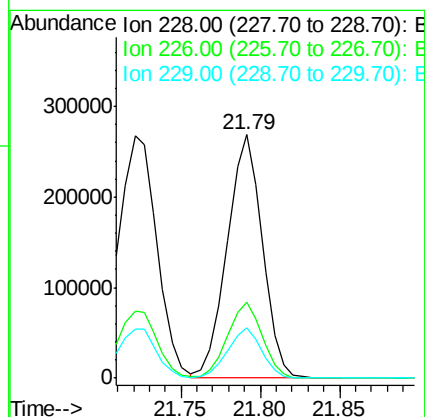
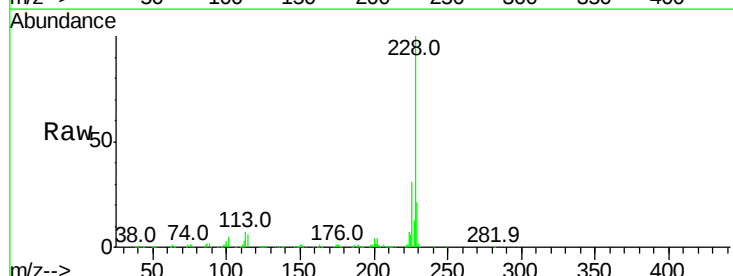
Instrument :
 BNA_G
 ClientSampleId :
 PB87210BSD

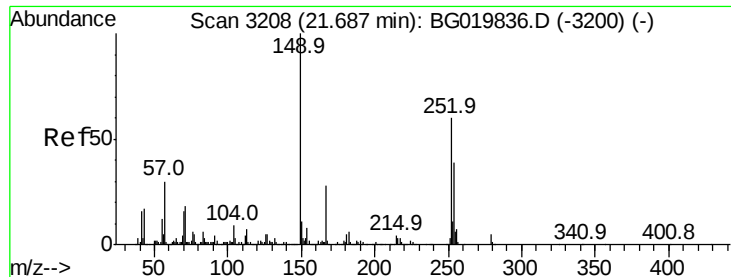
Tot Ion:252 Resp: 103725
 Ion Ratio Lower Upper
 252 100
 254 66.7 52.5 78.7
 126 8.8 8.5 12.7



#82
 Chrysene
 Concen: 32.76 ng
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.05 min
 Lab File: BG020121.D
 Acq: 12 Dec 2015 00:40

Tgt Ion:228 Resp: 412749
 Ion Ratio Lower Upper
 228 100
 226 31.2 26.7 40.1
 229 20.6 17.0 25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.36 ng

RT: 21.62 min Scan# 3196

Delta R.T. -0.07 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

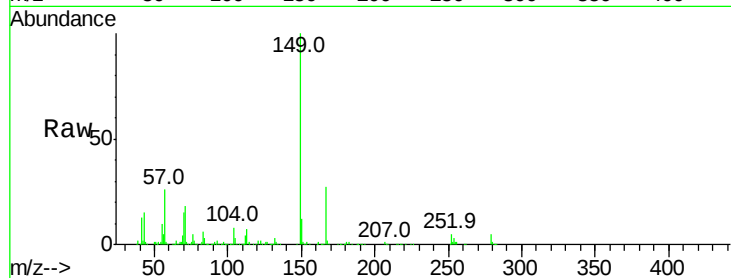
Tot Ion:149 Resp: 244663

Ion Ratio Lower Upper

149 100

167 27.2 23.8 35.8

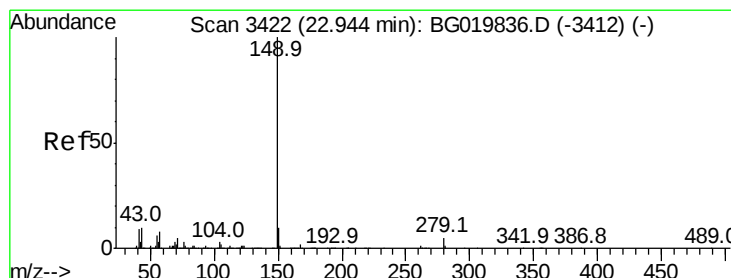
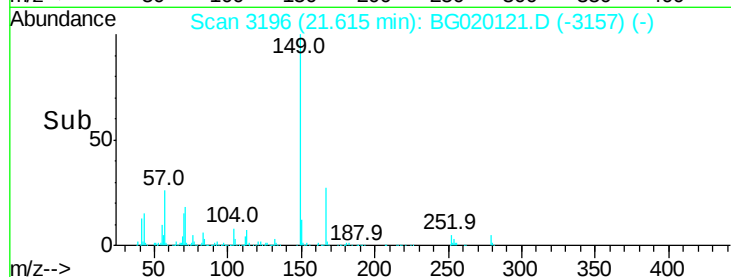
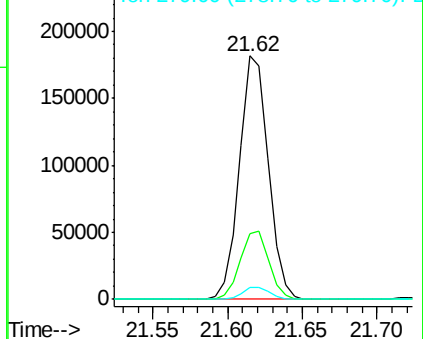
279 4.9 3.4 5.2



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



#84

Di-n-octyl phthalate

Concen: 34.97 ng

RT: 22.84 min Scan# 3405

Delta R.T. -0.10 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

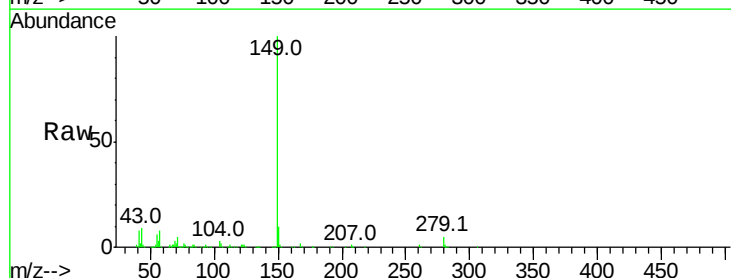
Tgt Ion:149 Resp: 416985

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

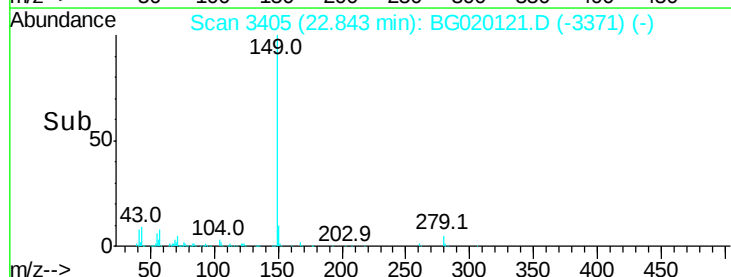
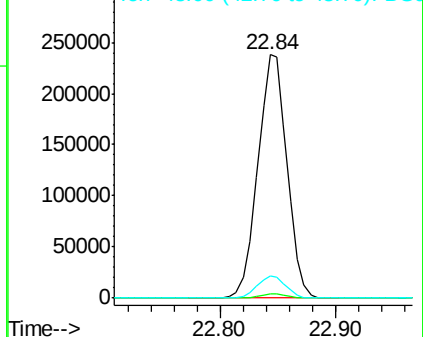
43 8.9 5.9 8.9#

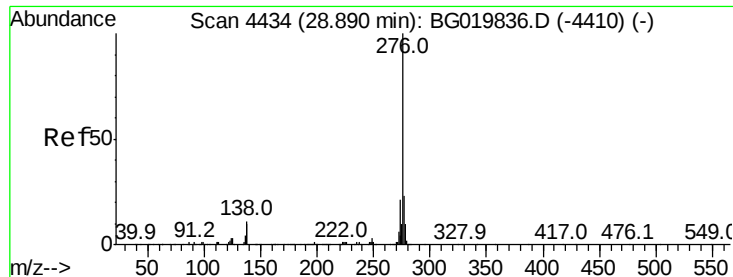


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

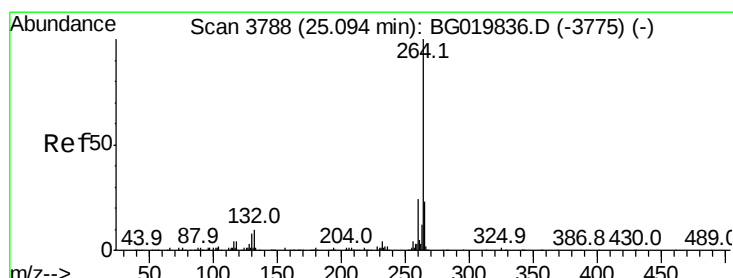
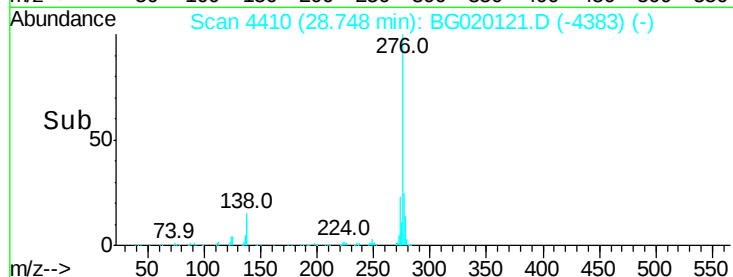
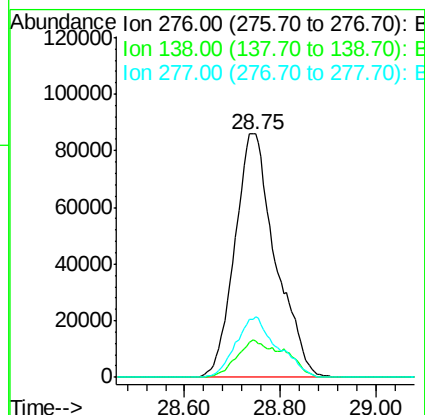
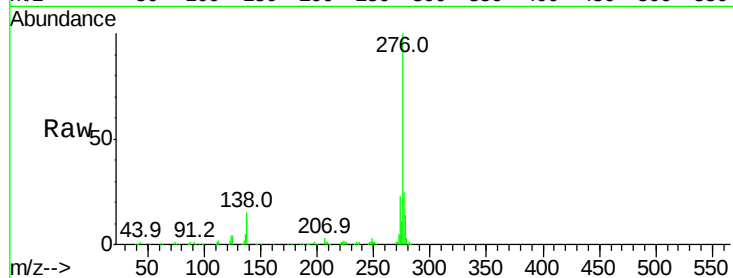




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.54 ng
RT: 28.75 min Scan# 4410
Delta R.T. -0.14 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

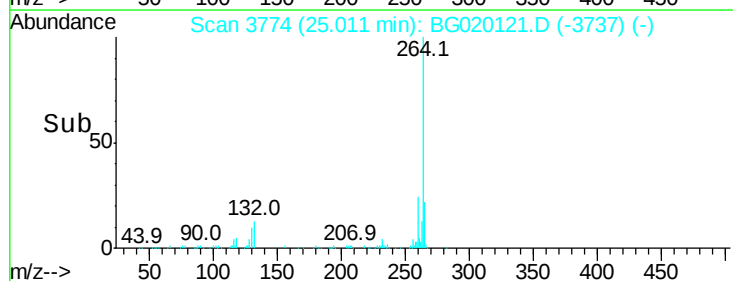
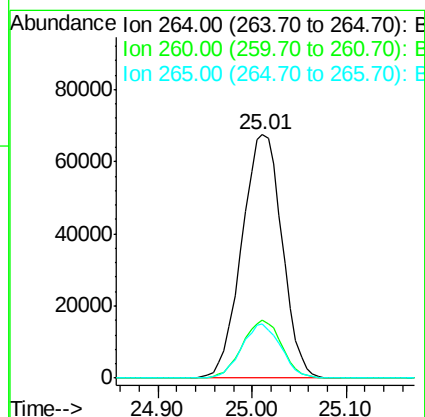
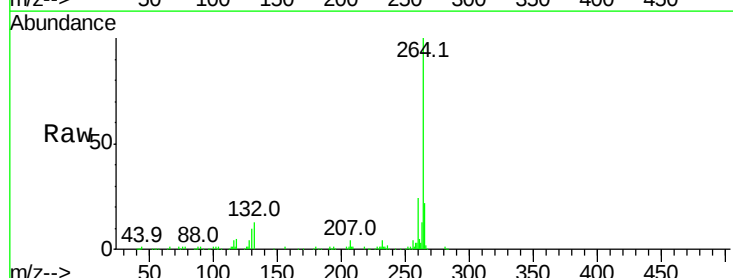
Instrument :
BNA_G
ClientSampleId :
PB87210BSD

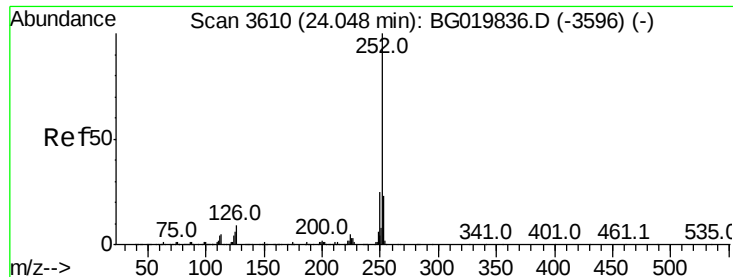
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.2	0.0	0.0#
277	25.5	0.0	0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.01 min Scan# 3774
Delta R.T. -0.08 min
Lab File: BG020121.D
Acq: 12 Dec 2015 00:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 35.69 ng

RT: 23.97 min Scan# 3597

Delta R.T. -0.08 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

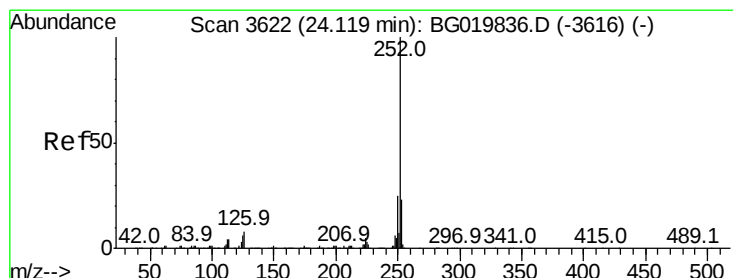
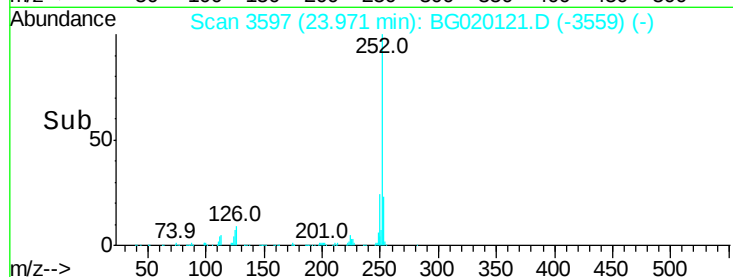
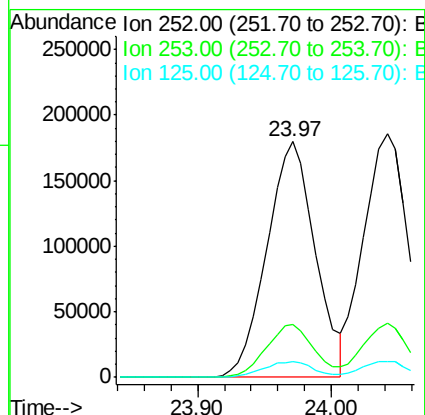
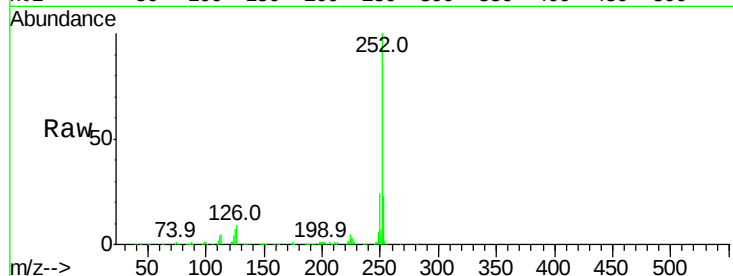
Instrument :

BNA_G

ClientSampleId :

PB87210BSD

Tot Ion:252	Resp:	452555
Ion Ratio	Lower	Upper
252	100	
253	22.7	19.1 28.7
125	6.7	8.9 13.3#



#88

Benzo(k)fluoranthene

Concen: 33.98 ng

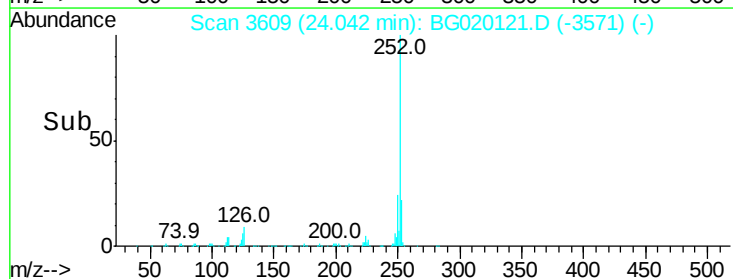
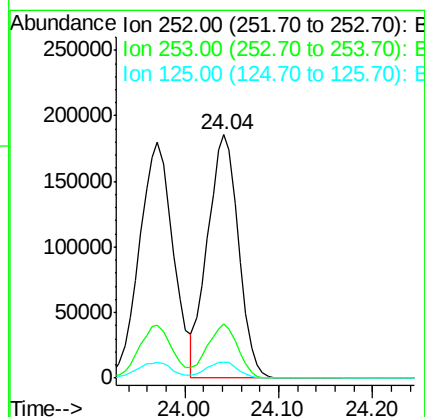
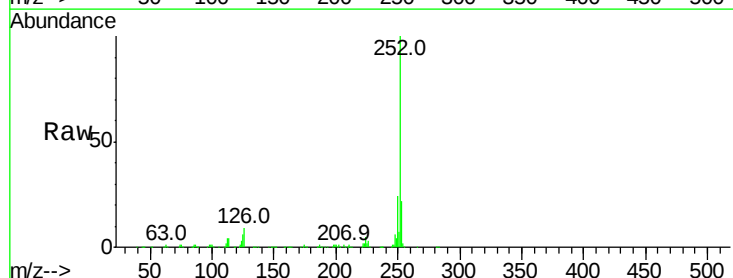
RT: 24.04 min Scan# 3609

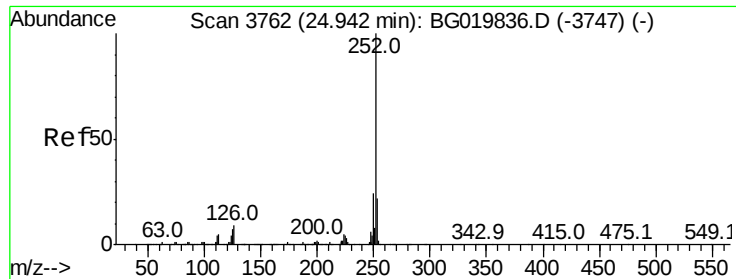
Delta R.T. -0.08 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Tgt Ion:252	Resp:	426679
Ion Ratio	Lower	Upper
252	100	
253	22.1	19.0 28.4
125	6.5	8.9 13.3#





#89

Benzo(a)pyrene

Concen: 35.38 ng

RT: 24.86 min Scan# 3748

Delta R.T. -0.08 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

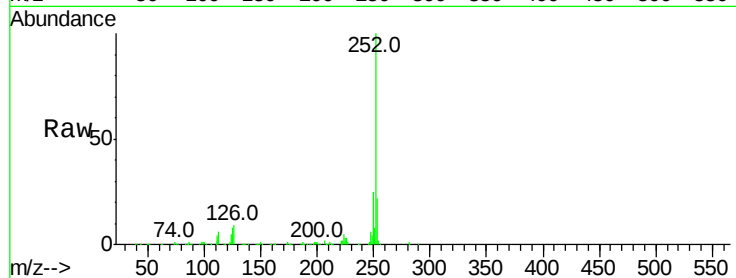
Tot Ion:252 Resp: 425963

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

125 8.1 9.1 13.7#

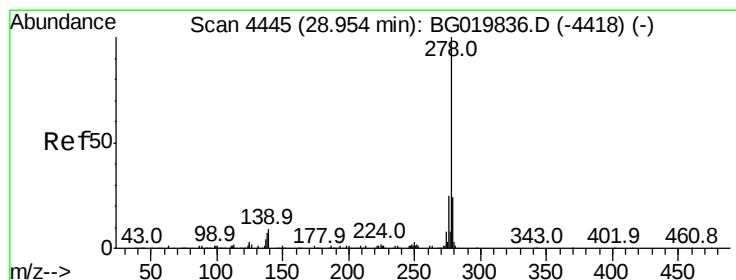
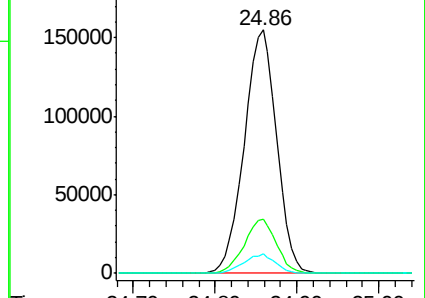
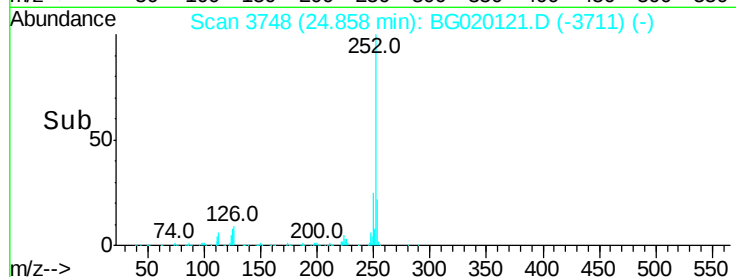


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

24.86



#90

Dibenzo(a,h)anthracene

Concen: 35.35 ng

RT: 28.81 min Scan# 4421

Delta R.T. -0.14 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

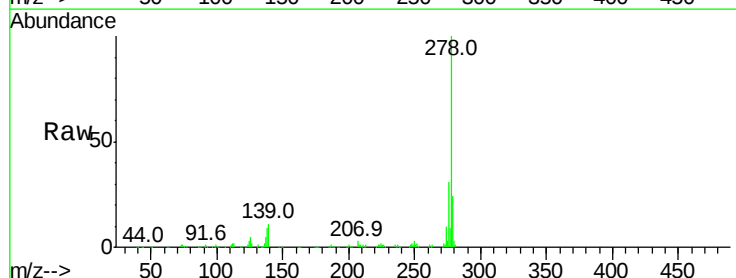
Tgt Ion:278 Resp: 420497

Ion Ratio Lower Upper

278 100

139 11.0 13.8 20.6#

279 23.8 19.4 29.0

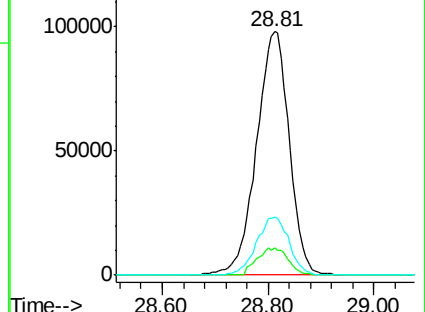
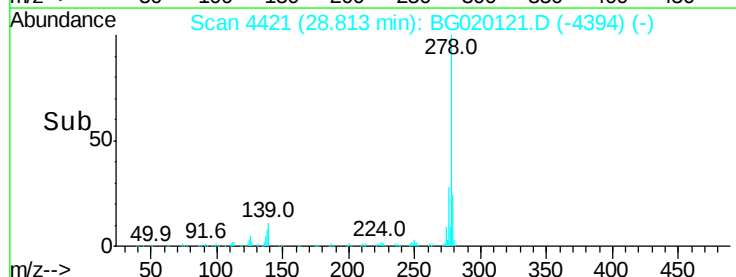


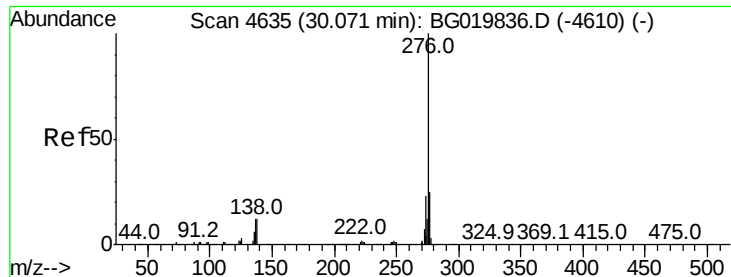
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

28.81





#91

Benzo(a,h,i)perylene

Concen: 35.85 ng

RT: 29.92 min Scan# 4610

Delta R.T. -0.15 min

Lab File: BG020121.D

Acq: 12 Dec 2015 00:40

Instrument :

BNA_G

ClientSampleId :

PB87210BSD

Tot Ion: 276 Resp: 418670

Ion Ratio Lower Upper

276 100

277 23.3 18.4 27.6

138 13.5 17.4 26.0#

