

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120915\
 Data File : BG020037.D
 Acq On : 9 Dec 2015 10:41
 Operator : UM/SJ
 Sample : PB87054BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Quant Time: Dec 09 14:25:43 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	8.11	152	18047	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	77987	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	57976	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	143125	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	169839	20.00	ng	-0.04
86) Perylene-d12	25.03	264	158056	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	94867	95.01	ng	-0.01
7) Phenol-d6	7.26	99	140205	93.00	ng	-0.01
23) Nitrobenzene-d5	9.28	82	132962	87.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	74378	83.85	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	333366	78.51	ng	-0.02
78) Terphenyl-d14	20.08	244	592295	85.06	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	12842	33.01	ng	# 100
3) Pyridine	3.92	79	40825	34.56	ng	# 87
4) n-Nitrosodimethylamine	3.84	42	21611	34.78	ng	# 89
6) Aniline	7.43	93	45411	23.26	ng	# 89
8) 2-Chlorophenol	7.67	128	54204	44.52	ng	# 96
9) Benzaldehyde	7.24	77	9597	9.55	ng	# 92
10) Phenol	7.29	94	74523	46.97	ng	# 81
11) bis(2-Chloroethyl)ether	7.53	93	48259	41.07	ng	# 91
12) 1,3-Dichlorobenzene	8.00	146	53655	38.88	ng	# 94
13) 1,4-Dichlorobenzene	8.14	146	55374	38.85	ng	# 96
14) 1,2-Dichlorobenzene	8.47	146	53511	39.36	ng	# 94
15) Benzyl Alcohol	8.34	79	56857	42.98	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.64	45	69175	36.09	ng	# 95
17) 2-Methylphenol	8.55	107	50112	44.74	ng	# 93
18) Hexachloroethane	9.20	117	20336	38.10	ng	# 93
19) n-Nitroso-di-n-propylamine	8.91	70	45212	38.03	ng	# 91
20) 3+4-Methylphenols	8.88	107	71228	45.16	ng	# 92
22) Acetophenone	8.94	105	82732	38.70	ng	# 94
24) Nitrobenzene	9.32	77	69907	42.17	ng	# 90
25) Isophorone	9.84	82	122332	37.34	ng	# 97
26) 2-Nitrophenol	10.04	139	30779	48.08	ng	# 80
27) 2,4-Dimethylphenol	10.09	122	57385	43.04	ng	# 92
28) bis(2-Chloroethoxy)methane	10.32	93	69089	43.16	ng	# 99
29) 2,4-Dichlorophenol	10.57	162	64155	47.11	ng	# 97
30) 1,2,4-Trichlorobenzene	10.79	180	62947	40.90	ng	# 94
31) Naphthalene	10.98	128	172197	41.22	ng	# 100
32) Benzoic acid	10.21	122	41793	46.70	ng	# 80
33) 4-Chloroaniline	11.08	127	30247	16.43	ng	# 94
34) Hexachlorobutadiene	11.26	225	43179	38.03	ng	# 96
35) Caprolactam	11.86	113	16915	33.36	ng	# 74
36) 4-Chloro-3-methylphenol	12.19	107	72700	42.86	ng	# 93
37) 2-Methylnaphthalene	12.57	142	132063	43.13	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	85099	38.68	ng	# 99
40) Hexachlorocyclopentadiene	12.92	237	83388	66.47	ng	# 100

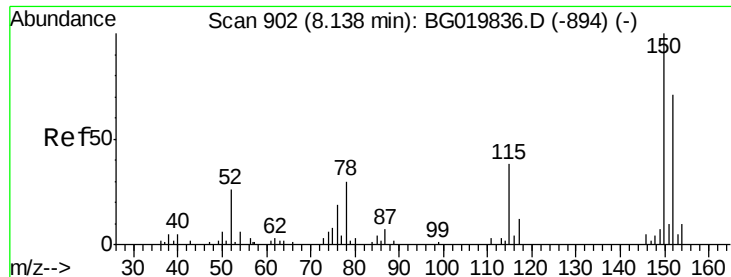
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120915\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	59812	41.06	nq	99
43) 2,4,5-Trichlorophenol	13.25	196	66945	43.49	nq	97
45) 1,1'-Biphenyl	13.58	154	176568	37.11	nq	98
46) 2-Chloronaphthalene	13.62	162	145624	39.71	nq	95
47) 2-Nitroaniline	13.82	65	52297	45.15	nq	89
48) Acenaphthylene	14.47	152	242804	38.87	nq	98
49) Dimethylphthalate	14.19	163	196430	37.66	nq	98
50) 2,6-Dinitrotoluene	14.31	165	44027	44.90	nq	# 85
51) Acenaphthene	14.81	154	144314	38.07	nq	98
52) 3-Nitroaniline	14.64	138	30799	30.23	nq	# 94
53) 2,4-Dinitrophenol	14.84	184	42609	81.47	nq	# 86
54) Dibenzofuran	15.14	168	242687	43.04	nq	93
55) 4-Nitrophenol	14.94	139	71481	80.57	nq	# 69
56) 2,4-Dinitrotoluene	15.09	165	63095	46.12	nq	# 90
57) Fluorene	15.78	166	196229	38.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	65969	46.30	nq	95
59) Diethylphthalate	15.55	149	207115	36.70	nq	96
60) 4-Chlorophenyl-phenylether	15.78	204	109953	37.94	nq	97
61) 4-Nitroaniline	15.80	138	47101	41.11	nq	# 78
62) Azobenzene	16.07	77	194227	41.36	nq	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	35213	44.33	nq	93
65) n-Nitrosodiphenylamine	15.99	169	179456	43.33	nq	96
66) 4-Bromophenyl-phenylether	16.67	248	73262	41.19	nq	98
67) Hexachlorobenzene	16.79	284	79474	42.90	nq	97
68) Atrazine	16.93	200	64841	36.03	nq	98
69) Pentachlorophenol	17.13	266	97782	90.43	nq	94
70) Phenanthrene	17.53	178	337328	41.66	nq	97
71) Anthracene	17.61	178	341190	41.37	nq	96
72) Carbazole	17.88	167	295585	40.68	nq	97
73) Di-n-butylphthalate	18.43	149	357760	40.17	nq	98
74) Fluoranthene	19.52	202	422323	40.77	nq	94
76) Benzidine	19.70	184	125798	22.55	nq	95
77) Pyrene	19.89	202	429308	42.97	nq	96
79) Butylbenzylphthalate	20.76	149	164561	42.02	nq	99
80) Benzo(a)anthracene	21.73	228	433216	41.67	nq	97
81) 3,3'-Dichlorobenzidine	21.65	252	115865	29.26	nq	98
82) Chrysene	21.80	228	398607	40.38	nq	96
83) Bis(2-ethylhexyl)phthalate	21.63	149	235474	40.97	nq	# 95
84) Di-n-octyl phthalate	22.87	149	400954	42.91	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.78	276	473945	43.59	nq	# 100
87) Benzo(b)fluoranthene	23.99	252	421223	42.05	nq	# 95
88) Benzo(k)fluoranthene	24.06	252	408631	41.19	nq	# 95
89) Benzo(a)pyrene	24.88	252	406229	42.71	nq	# 96
90) Dibenzo(a,h)anthracene	28.84	278	395489	42.09	nq	# 93
91) Benzo(g,h,i)perylene	29.95	276	387492	42.00	nq	# 92

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

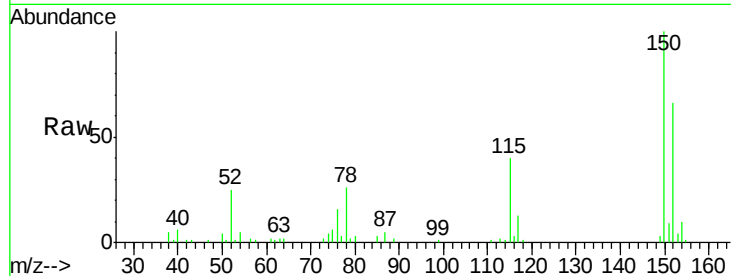


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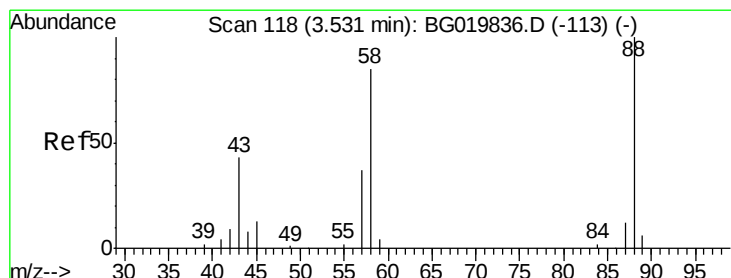
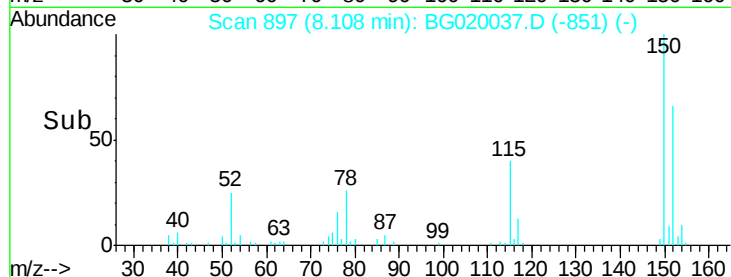
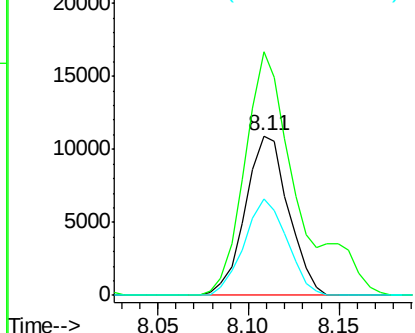
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion:152 Resp: 18047
Ion Ratio Lower Upper
152 100
150 152.5 115.0 172.4
115 60.6 43.9 65.9



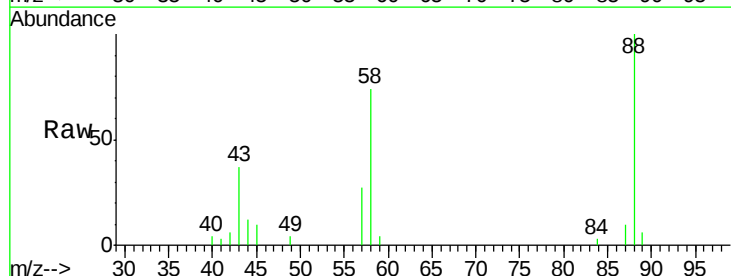
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



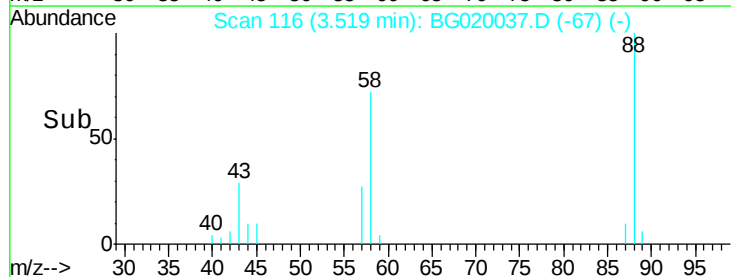
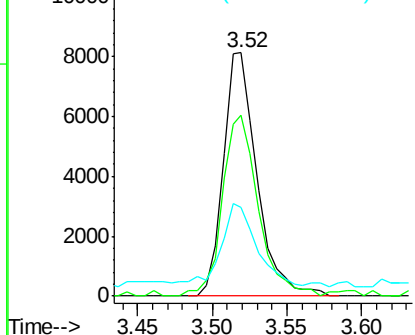
#2

1,4-Dioxane
Concen: 33.01 ng
RT: 3.52 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion: 88 Resp: 12842
Ion Ratio Lower Upper
88 100
58 79.2 0.0 0.0#
43 35.7 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: 34.56 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

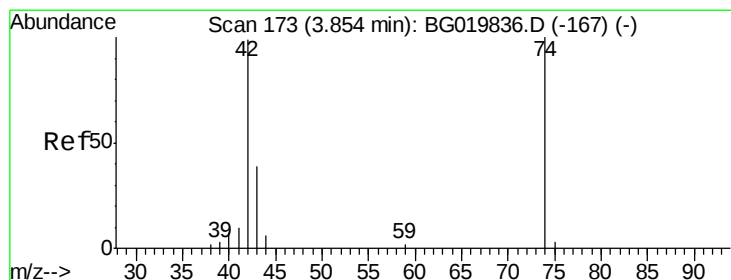
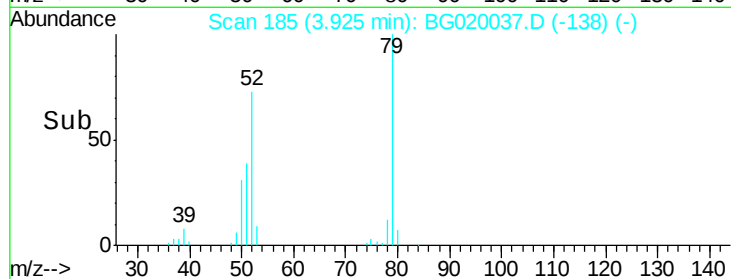
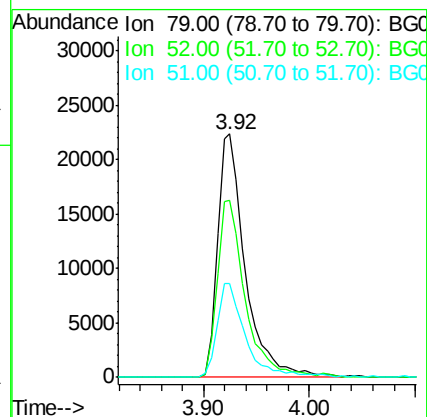
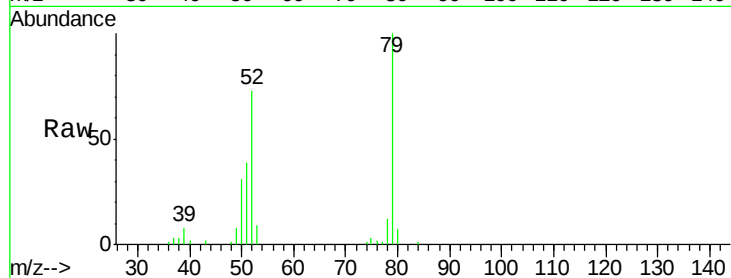
Tot Ion: 79 Resp: 40825

Ion Ratio Lower Upper

79 100

52 73.0 50.3 75.5

51 38.8 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 34.78 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

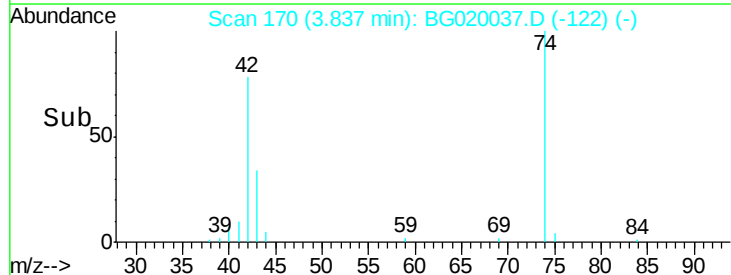
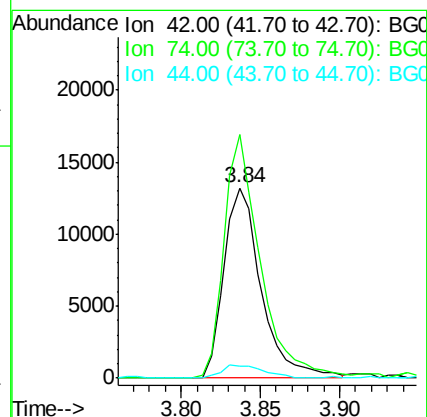
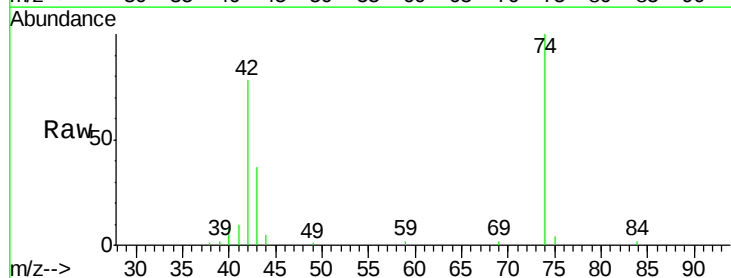
Tgt Ion: 42 Resp: 21611

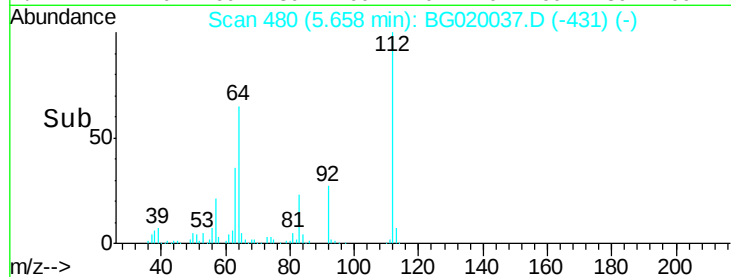
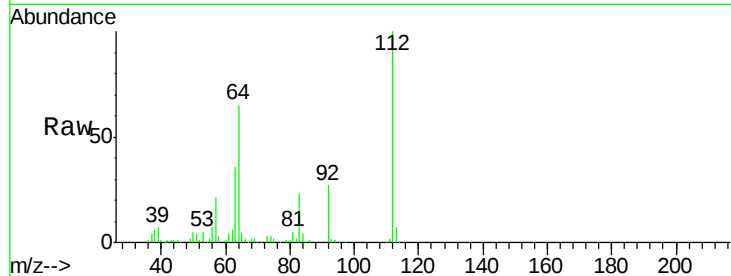
Ion Ratio Lower Upper

42 100

74 128.0 113.9 170.9

44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 95.01 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

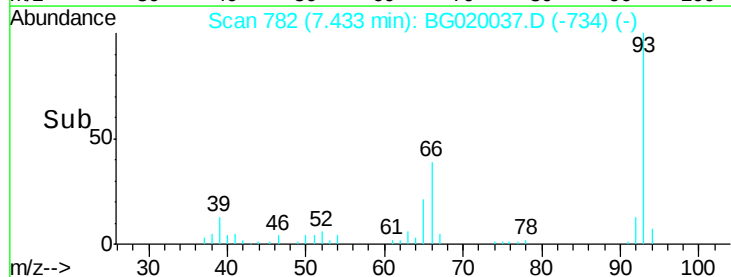
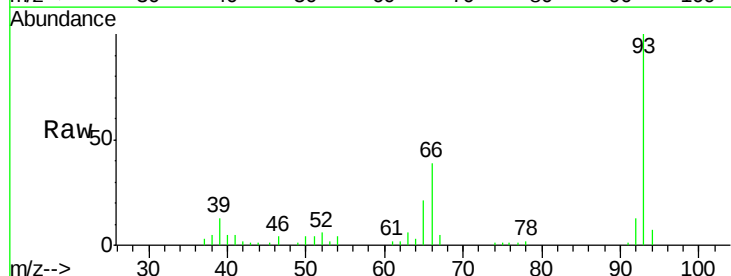
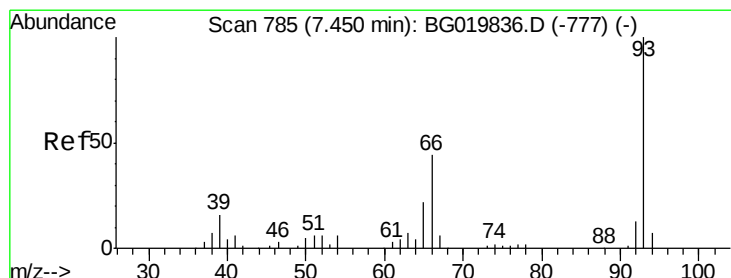
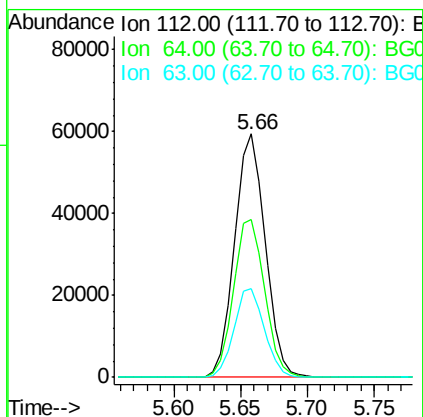
Tot Ion:112 Resp: 94867

Ion Ratio Lower Upper

112 100

64 64.8 43.7 65.5

63 36.2 24.0 36.0#



#6

Aniline

Concen: 23.26 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

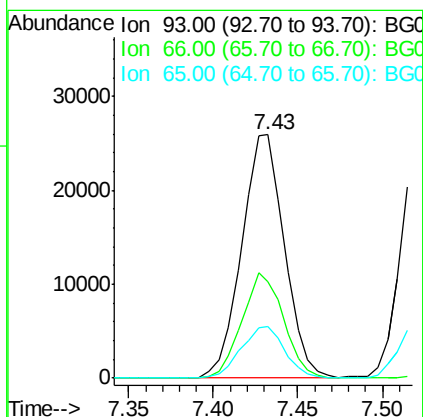
Tgt Ion: 93 Resp: 45411

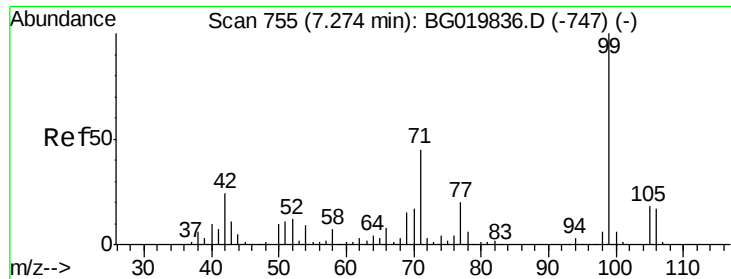
Ion Ratio Lower Upper

93 100

66 39.4 26.2 39.2#

65 21.4 14.0 21.0#





#7

Phenol-d6

Concen: 93.00 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

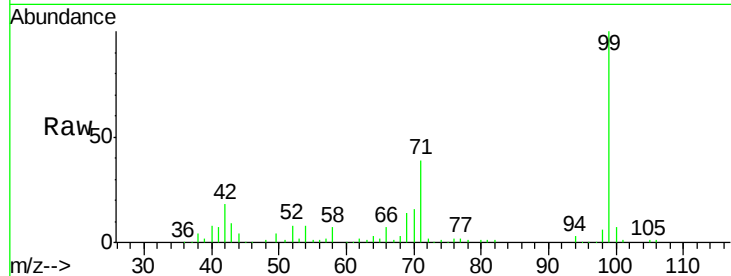
Tot Ion: 99 Resp: 140205

Ion Ratio Lower Upper

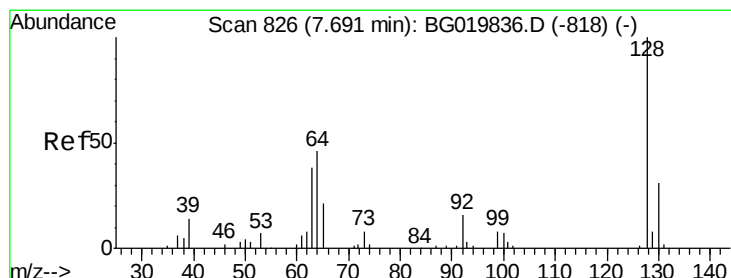
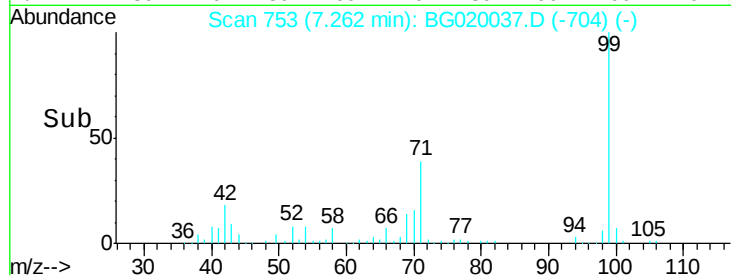
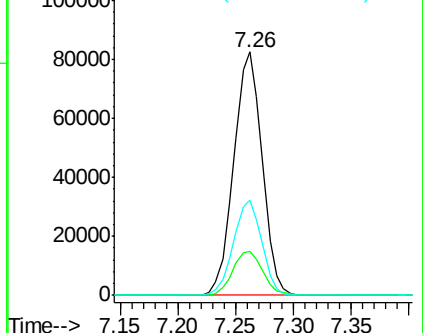
99 100

42 18.2 11.5 17.3#

71 38.9 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: 44.52 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

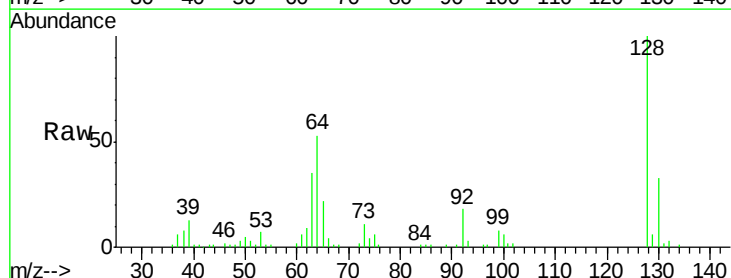
Tgt Ion: 128 Resp: 54204

Ion Ratio Lower Upper

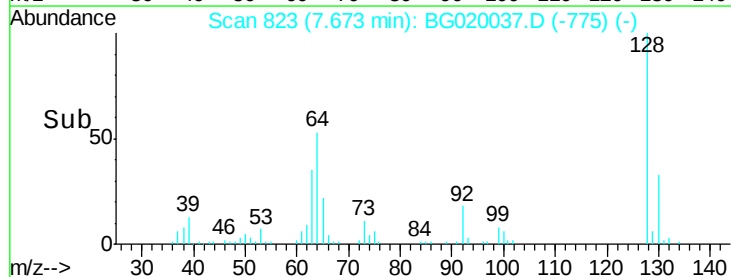
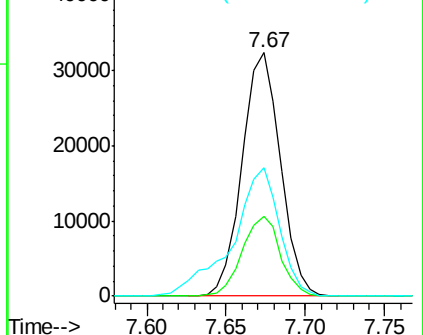
128 100

130 33.0 13.0 53.0

64 52.7 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

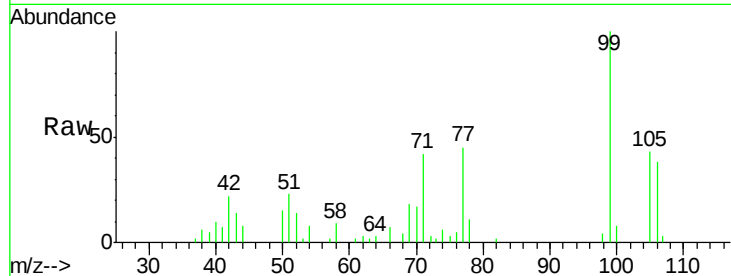




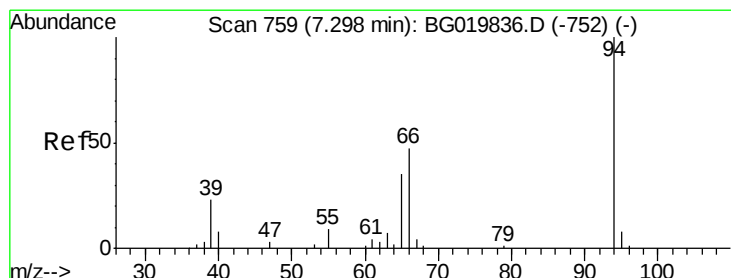
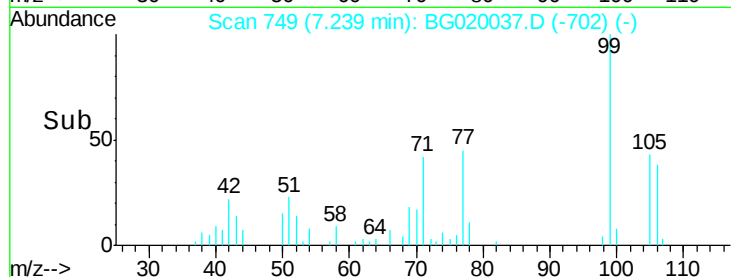
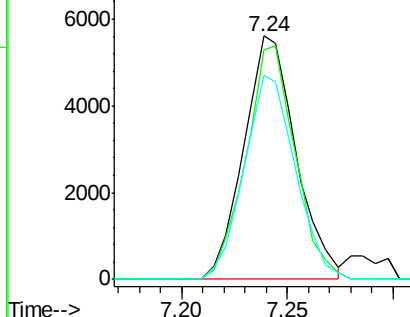
#9
Benzaldehydve
Concen: 9.55 ng
RT: 7.24 min Scan# 749
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion: 77 Resp: 9597
Ion Ratio Lower Upper
77 100
105 94.4 77.7 117.7
106 83.9 75.8 115.8

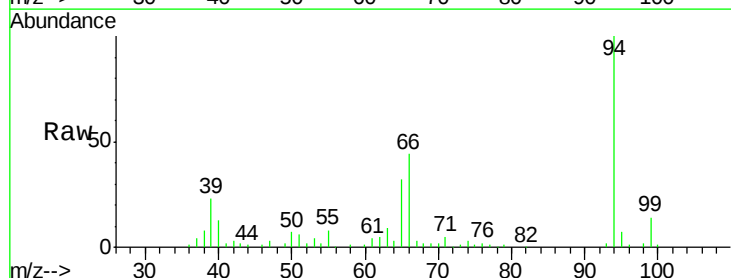


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

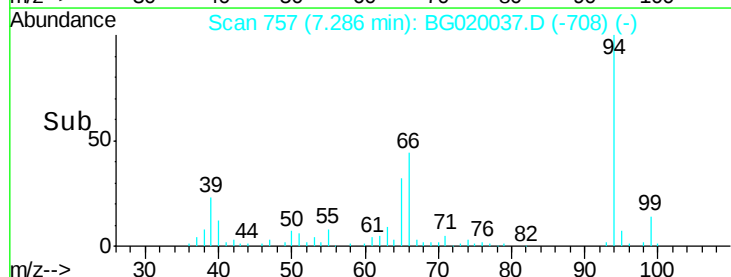
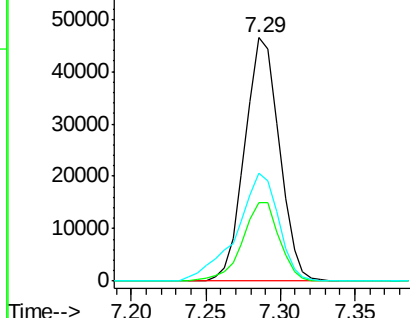


#10
Phenol
Concen: 46.97 ng
RT: 7.29 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion: 94 Resp: 74523
Ion Ratio Lower Upper
94 100
65 32.1 5.4 45.4
66 44.4 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: 41.07 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

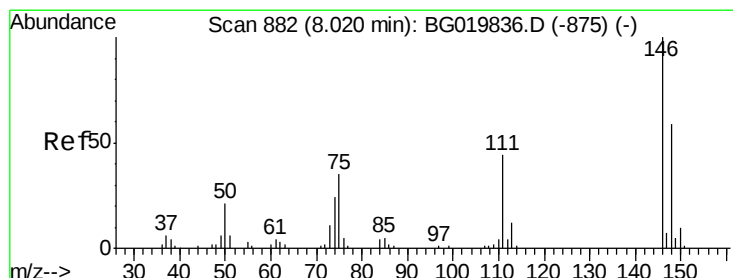
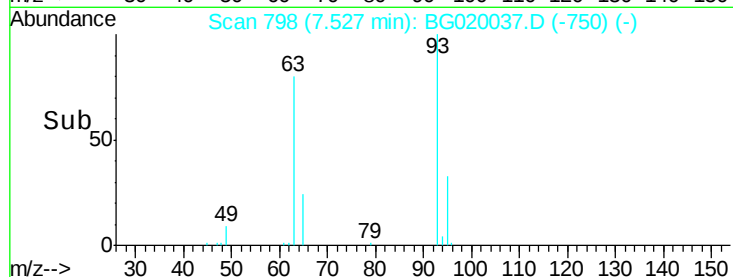
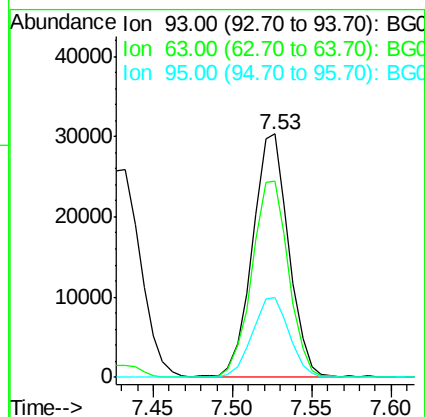
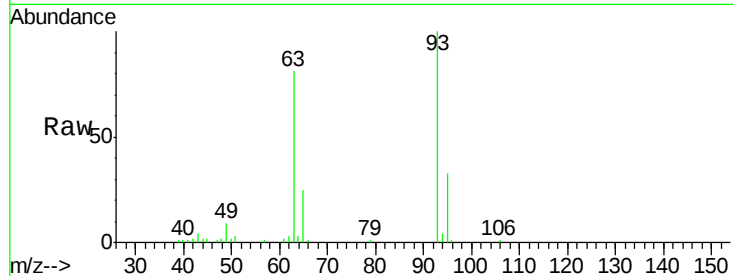
Tot Ion: 93 Resp: 48259

Ion Ratio Lower Upper

93 100

63 80.8 50.5 90.5

95 32.8 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 38.88 ng

RT: 8.00 min Scan# 878

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

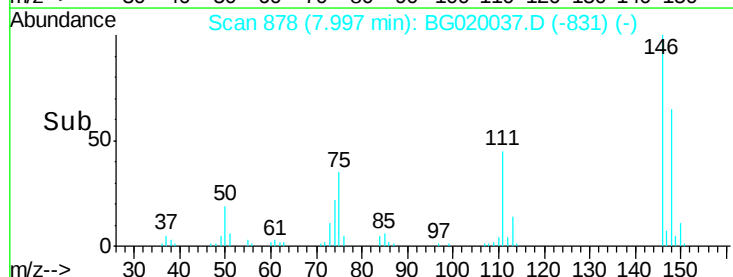
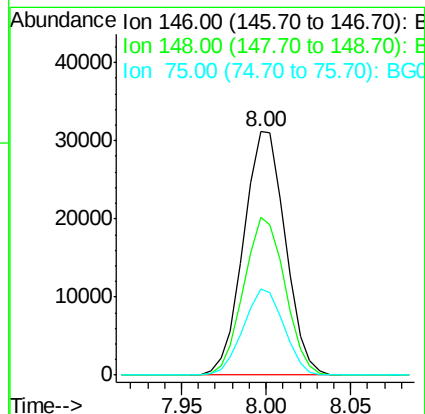
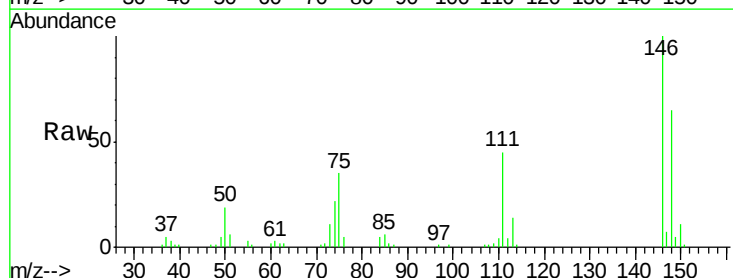
Tgt Ion: 146 Resp: 53655

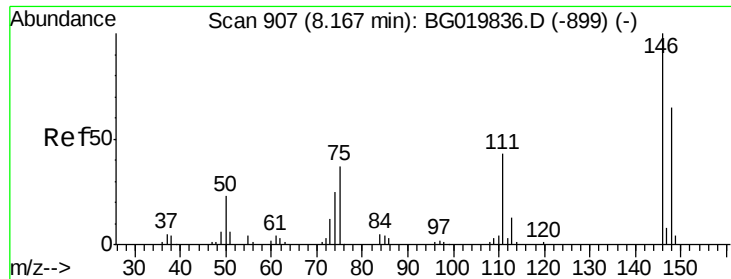
Ion Ratio Lower Upper

146 100

148 65.0 53.4 80.0

75 35.3 21.1 31.7#

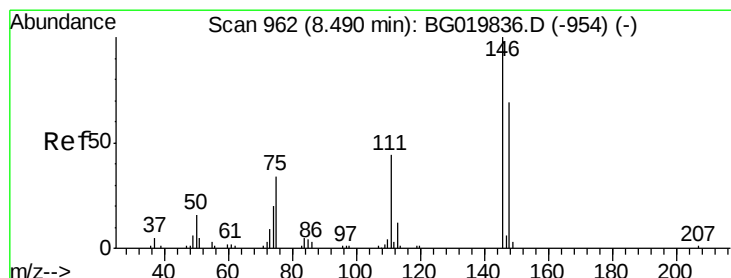
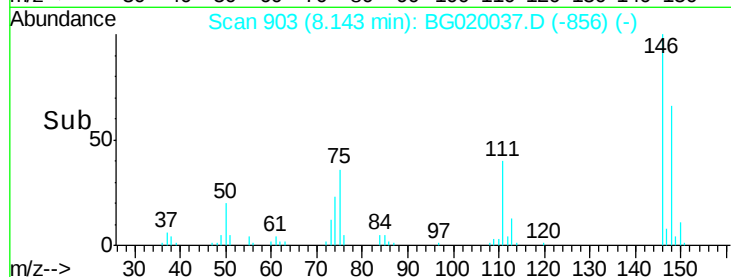
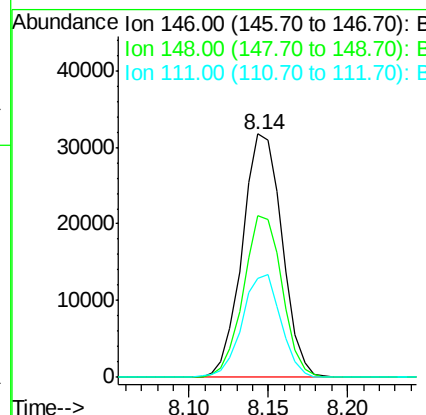
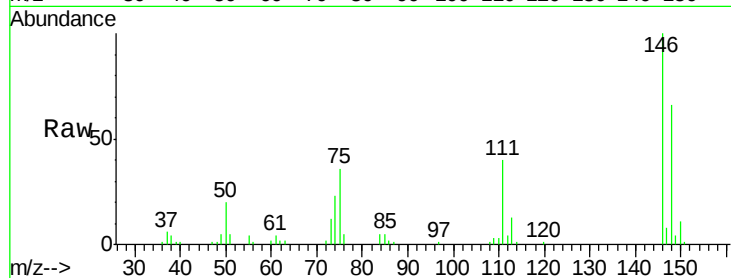




#13
 1,4-Dichlorobenzene
 Concen: 38.85 ng
 RT: 8.14 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

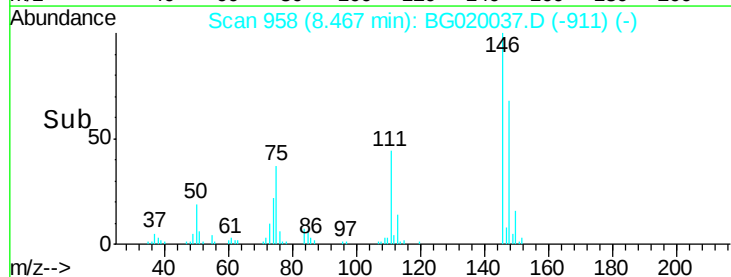
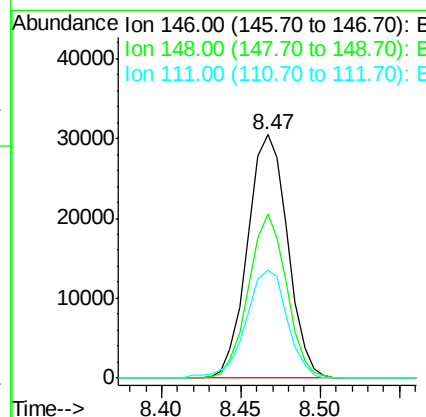
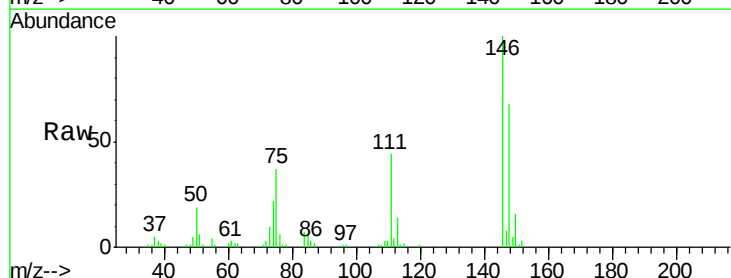
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

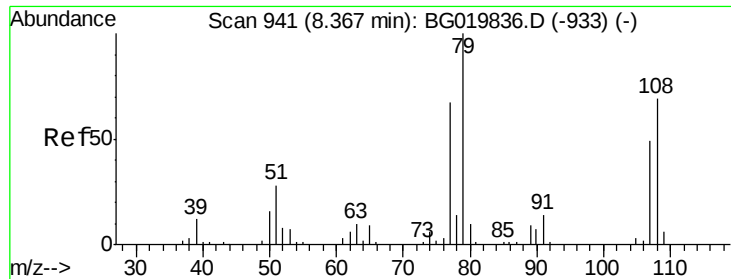
Tot Ion:146 Resp: 55374
 Ion Ratio Lower Upper
 146 100
 148 66.5 52.5 78.7
 111 40.5 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 39.36 ng
 RT: 8.47 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion:146 Resp: 53511
 Ion Ratio Lower Upper
 146 100
 148 67.5 52.5 78.7
 111 44.4 29.9 44.9





#15

Benzyl Alcohol

Concen: 42.98 ng

RT: 8.34 min Scan# 937

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

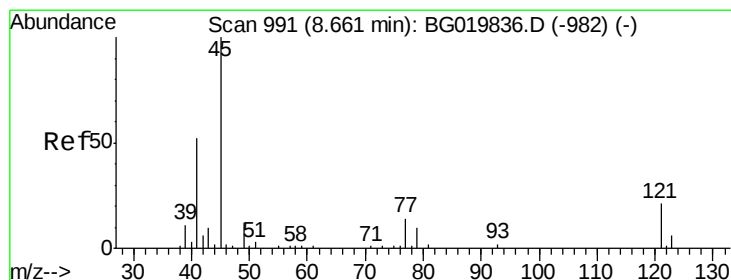
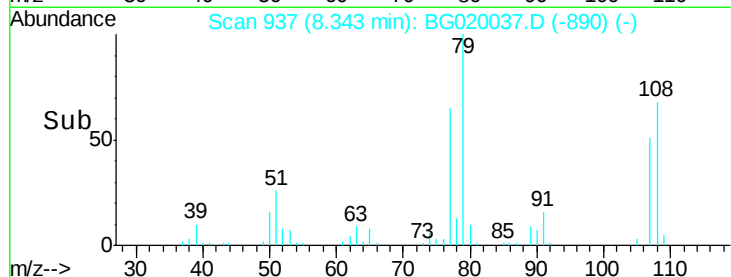
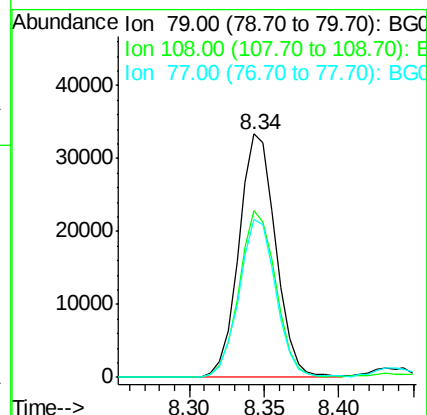
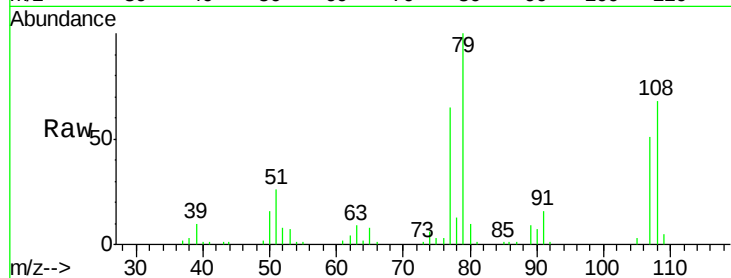
Tot Ion: 79 Resp: 56857

Ion Ratio Lower Upper

79 100

108 68.3 65.5 98.3

77 64.8 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.09 ng

RT: 8.64 min Scan# 988

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

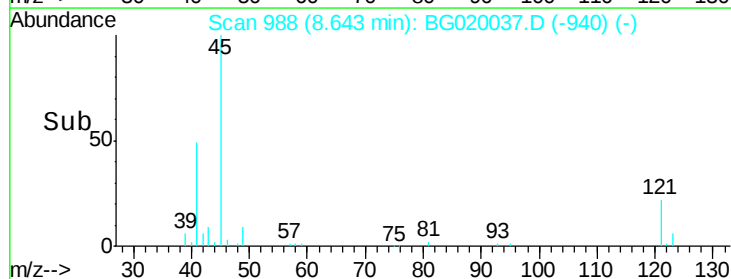
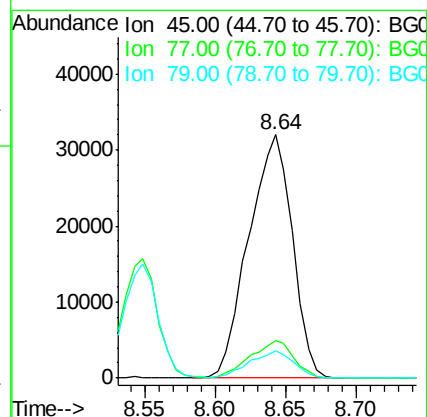
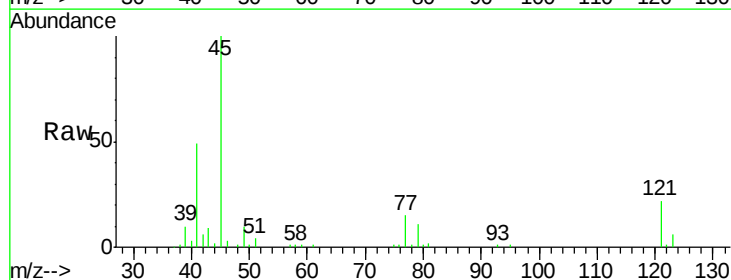
Tgt Ion: 45 Resp: 69175

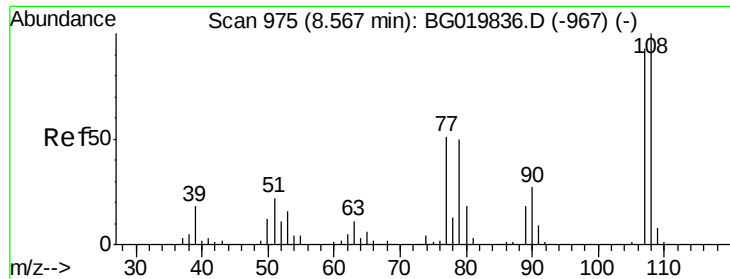
Ion Ratio Lower Upper

45 100

77 15.4 0.0 37.0

79 11.4 0.0 33.8

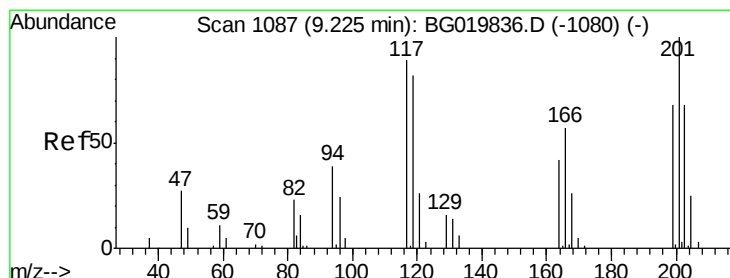
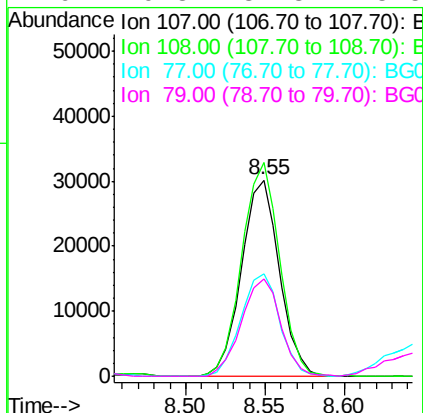
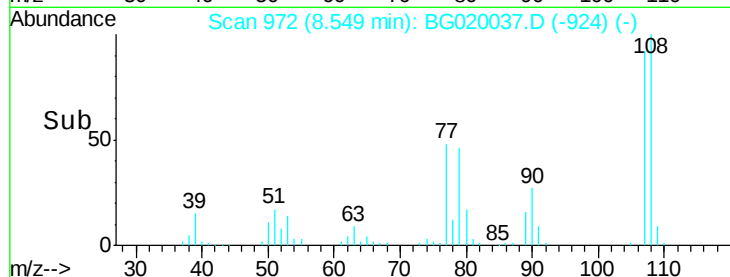
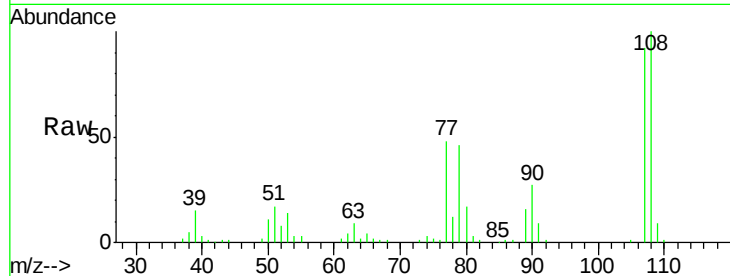




#17
2-Methylphenol
Concen: 44.74 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

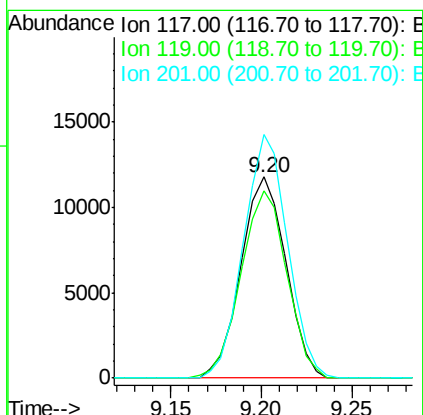
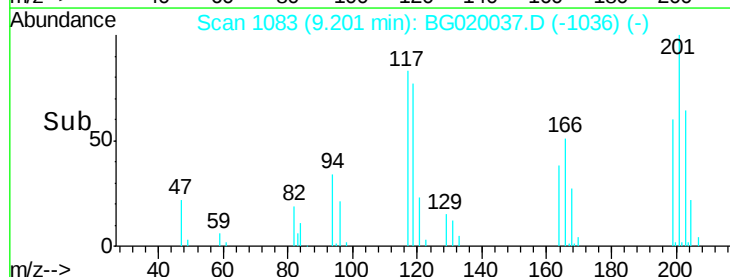
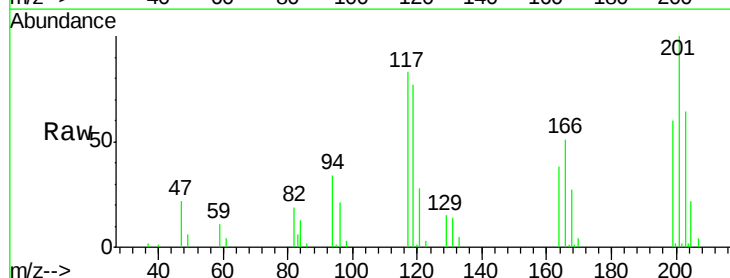
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

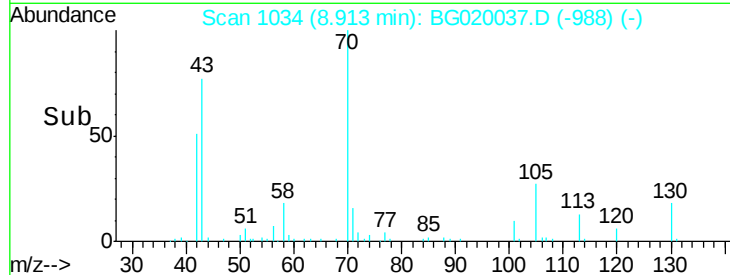
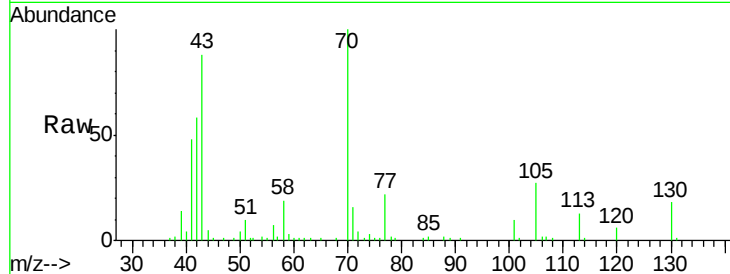
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.0	86.5	129.7
77	52.0	34.6	51.8#
79	49.8	32.3	48.5#



#18
Hexachloroethane
Concen: 38.10 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	71.7	107.5
201	123.9	90.9	136.3

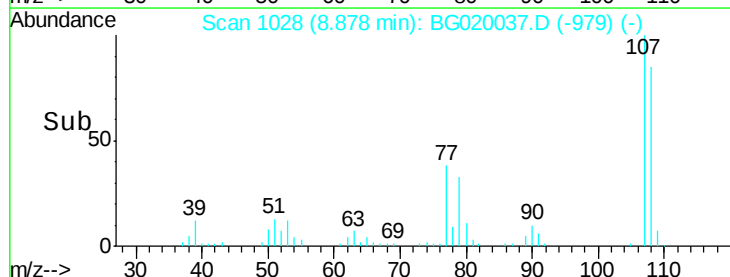
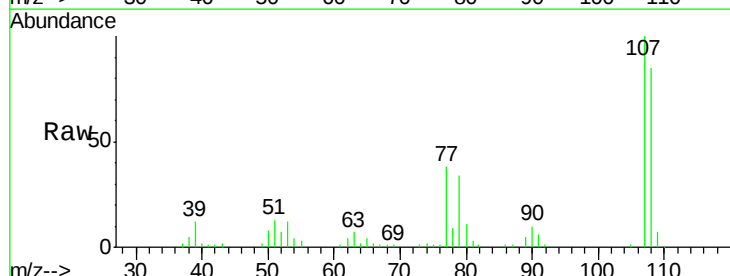
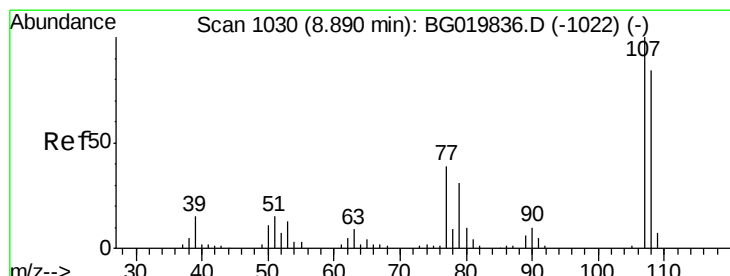
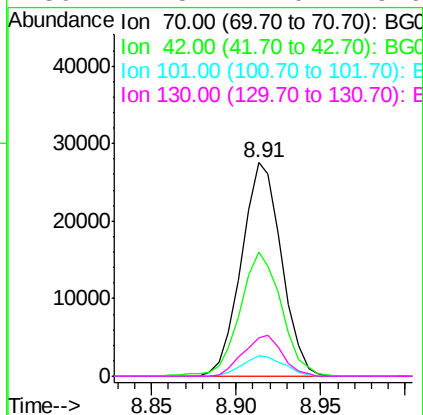




#19
n-Nitroso-di-n-propylamine
Concen: 38.03 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

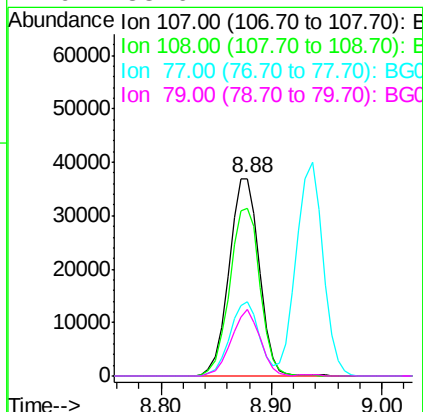
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion: 70 Resp: 45212
Ion Ratio Lower Upper
70 100
42 58.3 40.6 60.8
101 9.8 8.6 13.0
130 17.8 17.0 25.6



#20
3+4-Methylphenols
Concen: 45.16 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion: 107 Resp: 71228
Ion Ratio Lower Upper
107 100
108 85.0 72.2 112.2
77 37.6 13.4 53.4
79 33.6 7.2 47.2

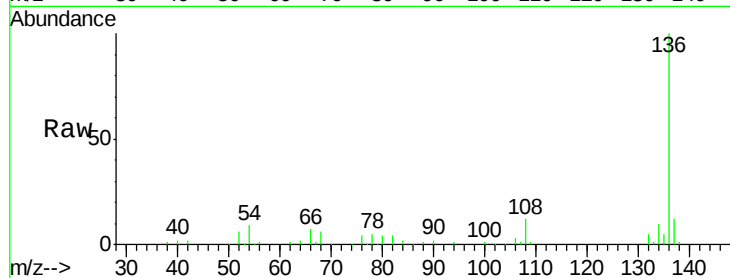




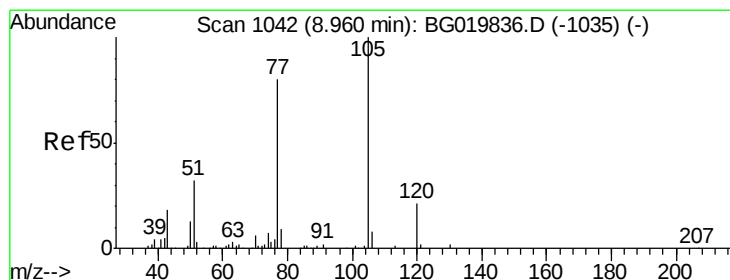
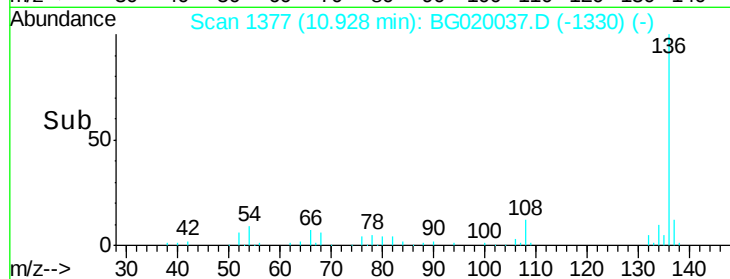
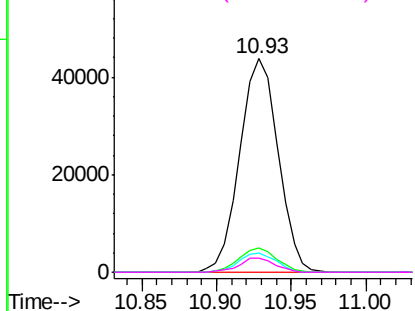
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion:136	Resp:	77987
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.6 12.8
54	9.2	5.4 8.2#
68	6.4	5.3 7.9

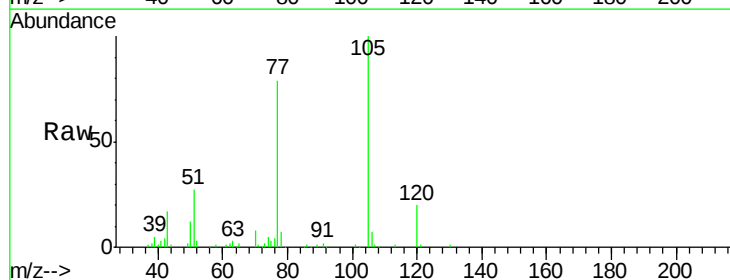


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

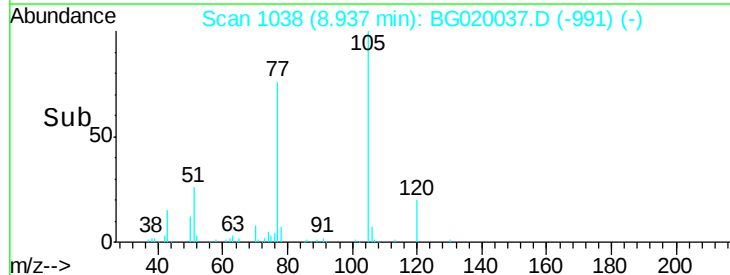
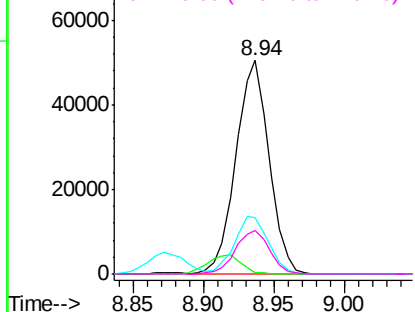


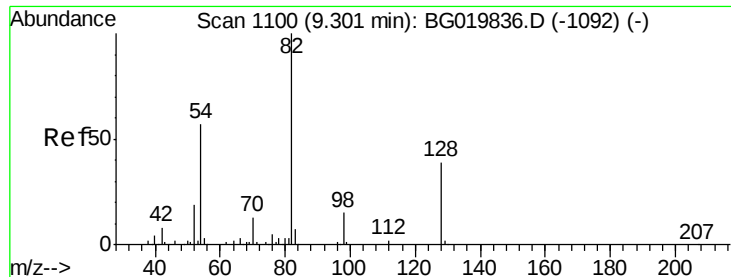
#22
Acetophenone
Concen: 38.70 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion:105	Resp:	82732
Ion Ratio	Lower	Upper
105	100	
71	0.9	2.1 3.1#
51	26.6	17.8 26.8
120	20.3	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

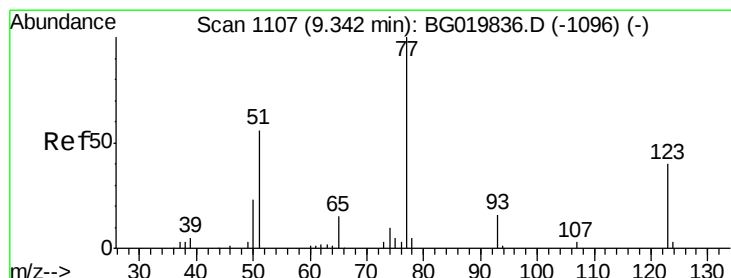
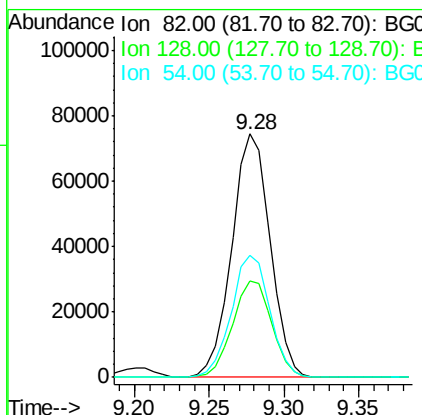
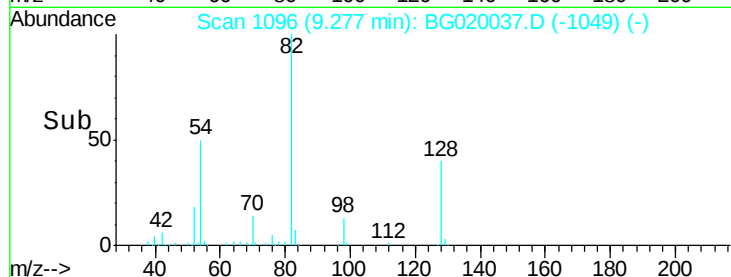
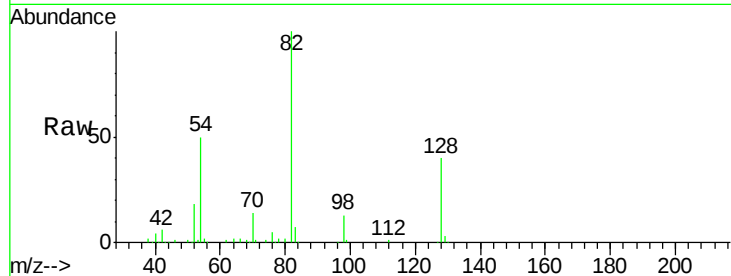




#23
 Nitrobenzene-d5
 Concen: 87.01 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

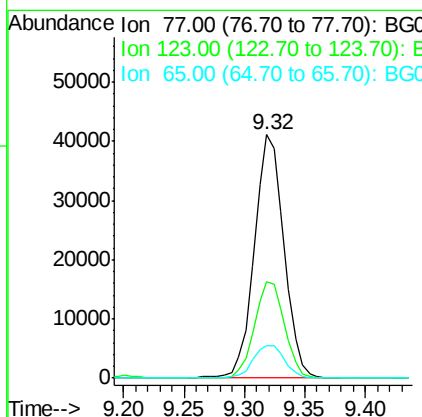
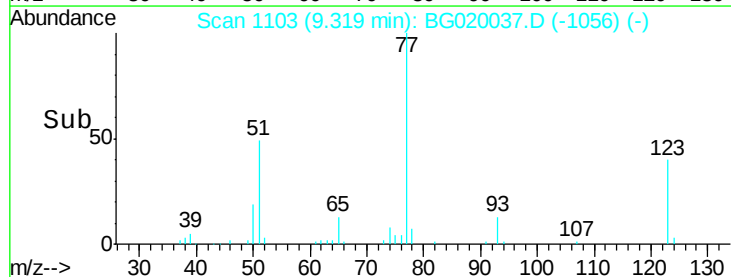
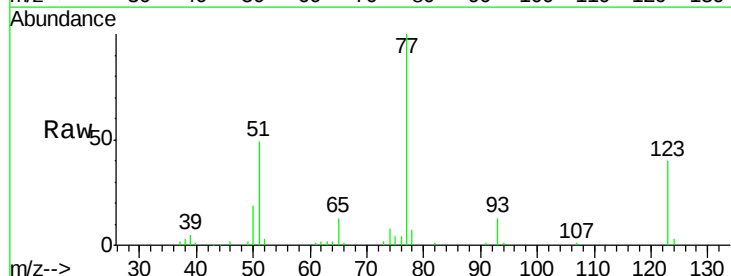
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

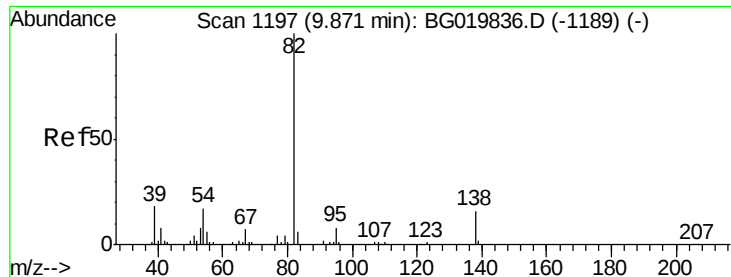
Tot Ion: 82 Resp: 132962
 Ion Ratio Lower Upper
 82 100
 128 39.8 36.7 55.1
 54 50.3 33.8 50.8



#24
 Nitrobenzene
 Concen: 42.17 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion: 77 Resp: 69907
 Ion Ratio Lower Upper
 77 100
 123 39.5 38.2 57.2
 65 13.3 10.6 16.0

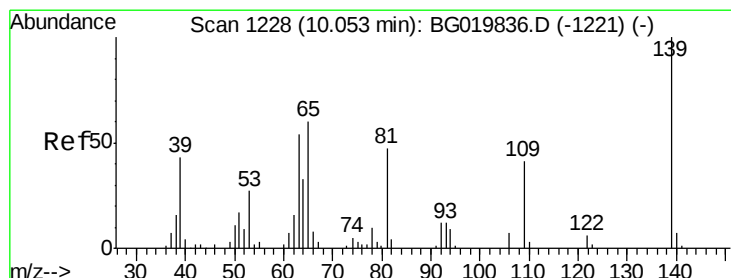
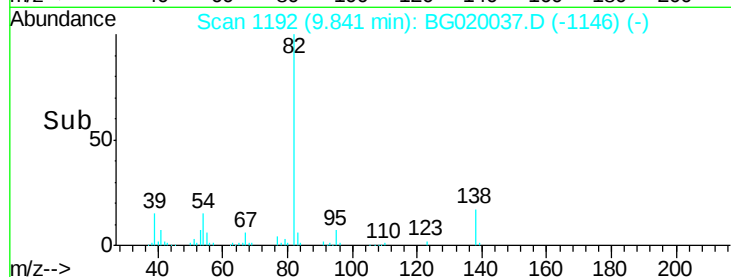
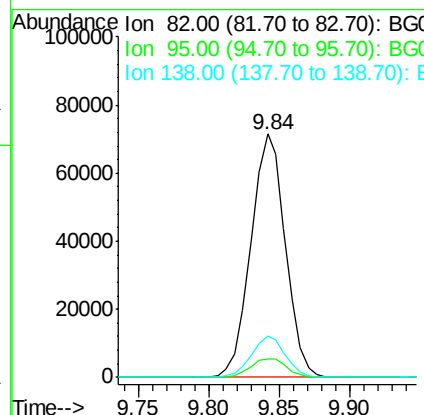
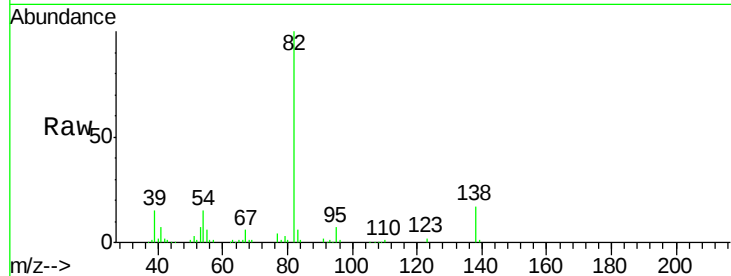




#25
Isophorone
Concen: 37.34 ng
RT: 9.84 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

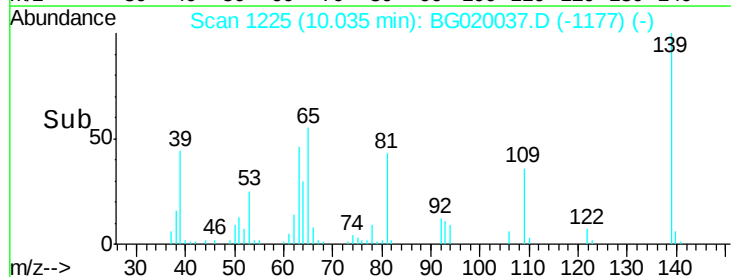
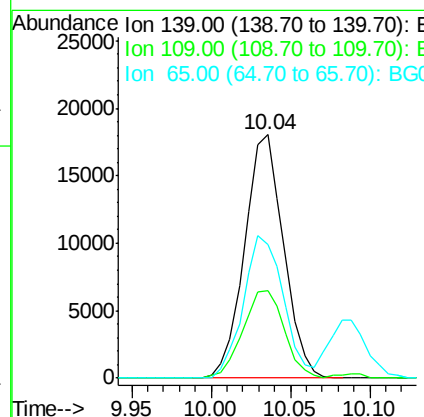
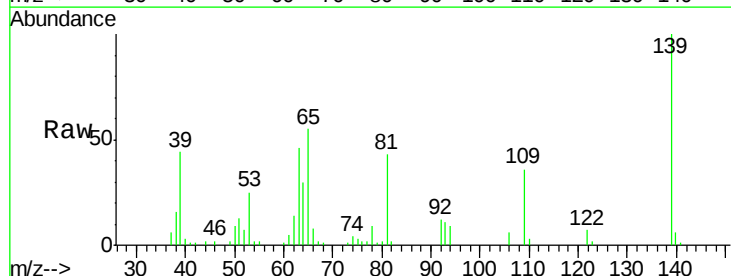
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion: 82 Resp: 122332
Ion Ratio Lower Upper
82 100
95 7.5 5.2 7.8
138 16.9 14.4 21.6



#26
2-Nitrophenol
Concen: 48.08 ng
RT: 10.04 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion: 139 Resp: 30779
Ion Ratio Lower Upper
139 100
109 35.9 20.1 30.1#
65 54.8 34.1 51.1#

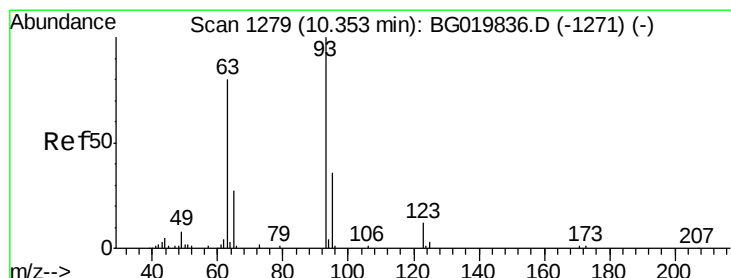
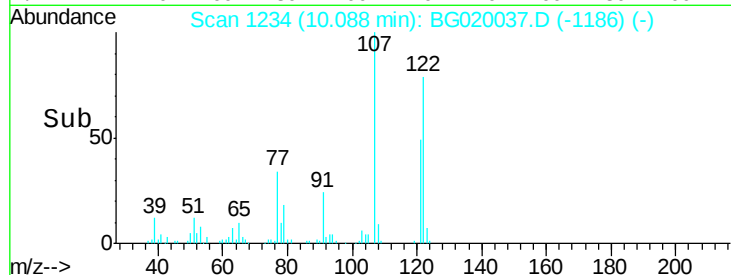
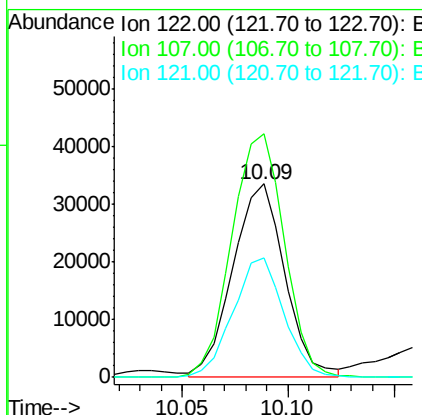
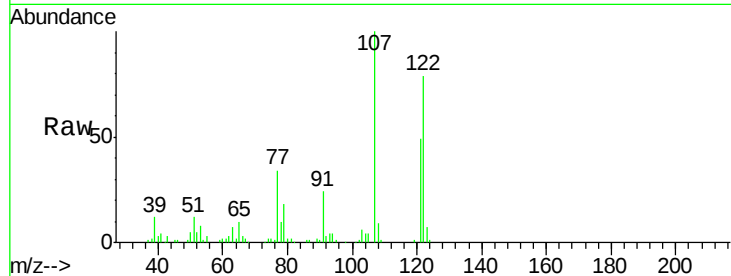




#27
 2,4-Dimethylphenol
 Concen: 43.04 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

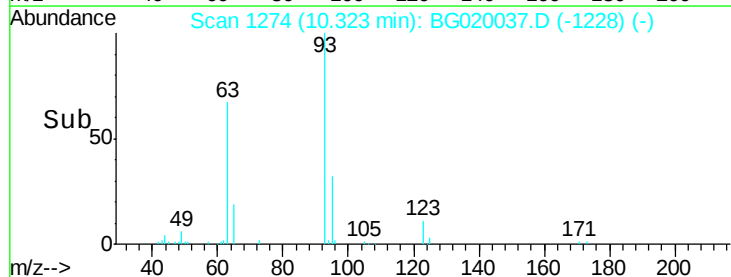
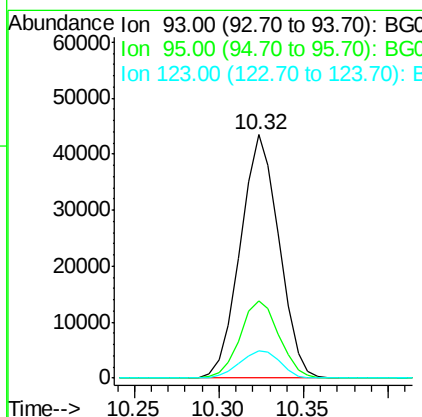
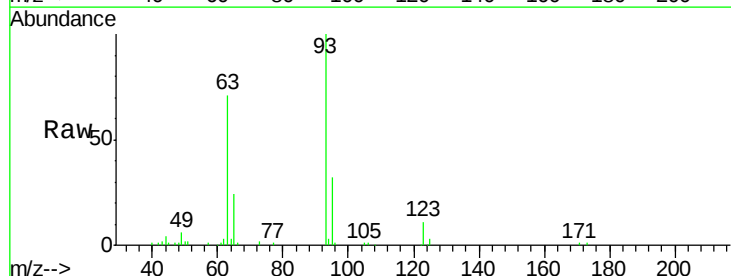
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

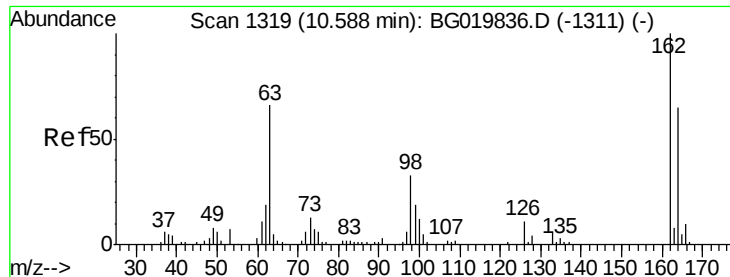
Tot Ion:122 Resp: 57385
 Ion Ratio Lower Upper
 122 100
 107 126.0 91.6 137.4
 121 62.0 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.16 ng
 RT: 10.32 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion: 93 Resp: 69089
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.7 38.5
 123 11.2 8.6 12.8

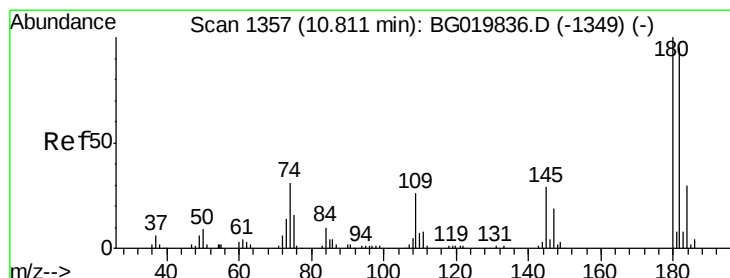
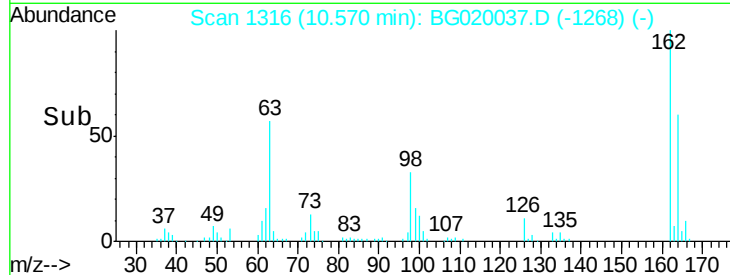
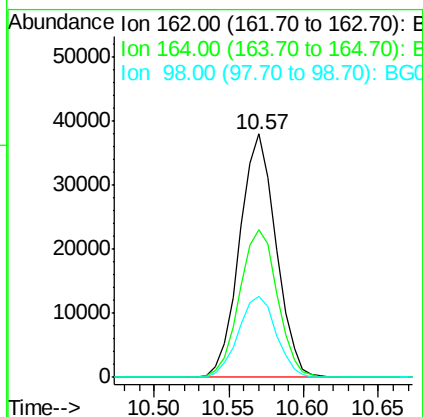
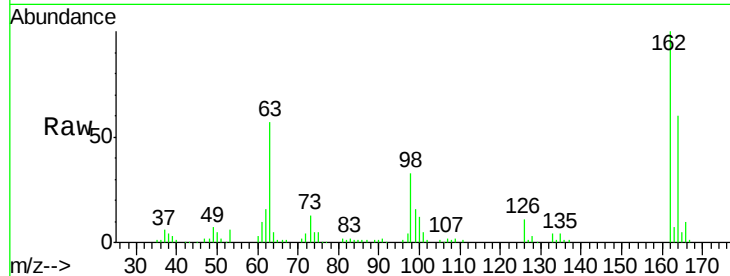




#29
 2,4-Dichlorophenol
 Concen: 47.11 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

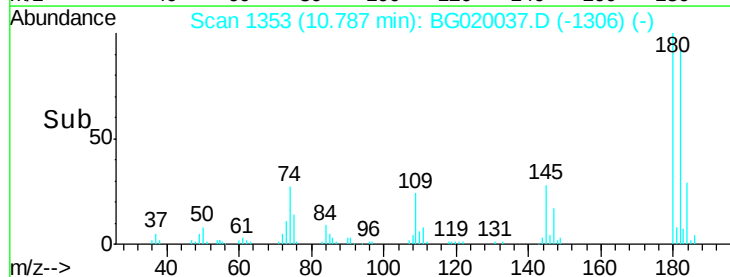
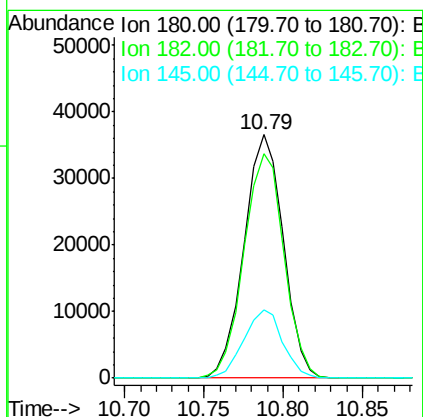
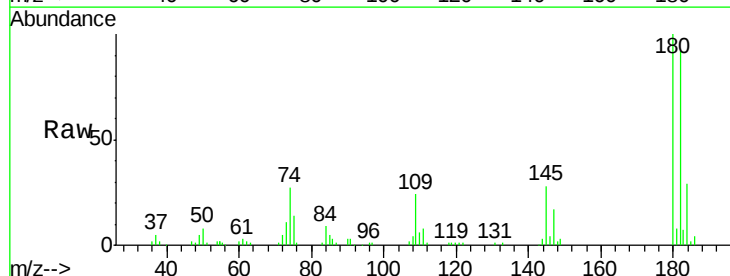
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.4	42.3	82.3
98	33.4	11.5	51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.90 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	79.7	119.5
145	28.0	22.0	33.0

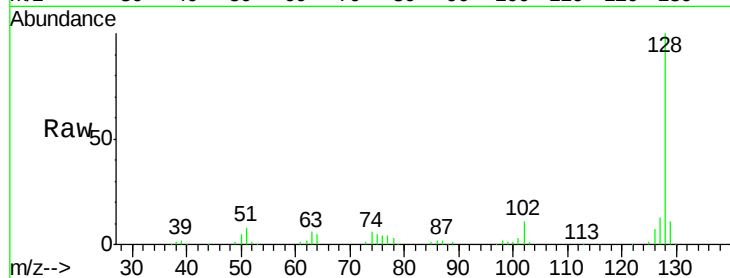




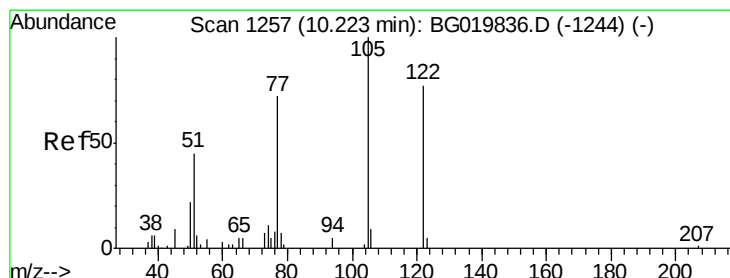
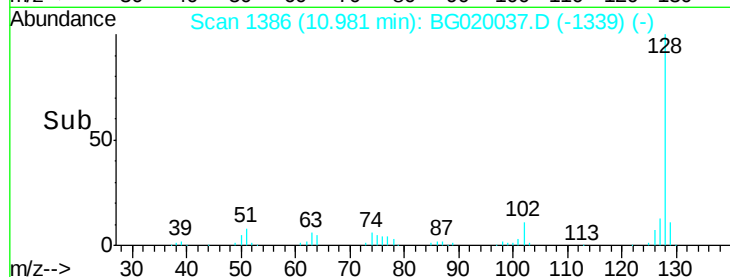
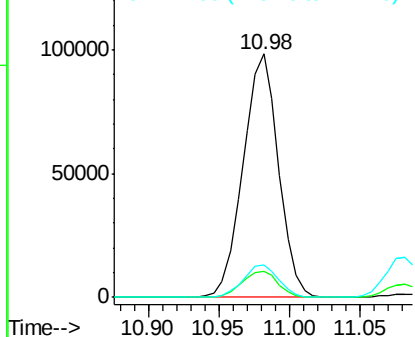
#31
Naphthalene
Concen: 41.22 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion:128 Resp: 172197
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.5 10.6 16.0

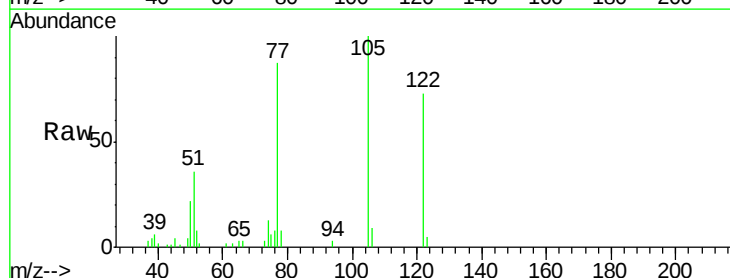


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

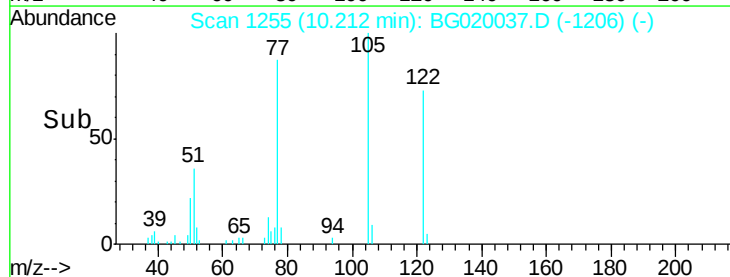
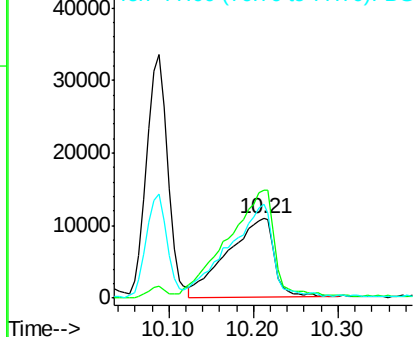


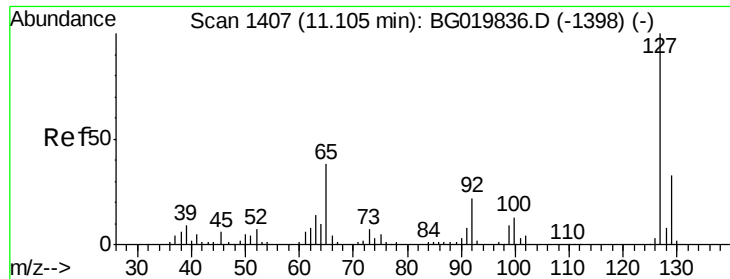
#32
Benzoic acid
Concen: 46.70 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion:122 Resp: 41793
Ion Ratio Lower Upper
122 100
105 136.6 103.8 143.8
77 119.0 68.8 108.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

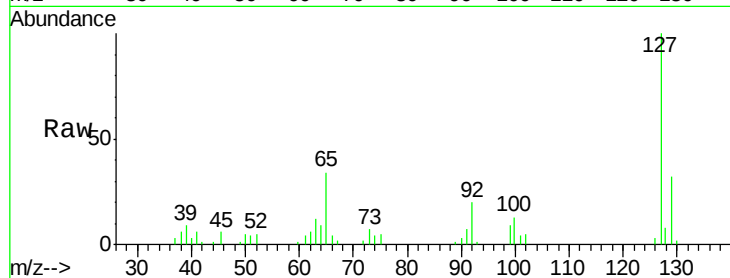




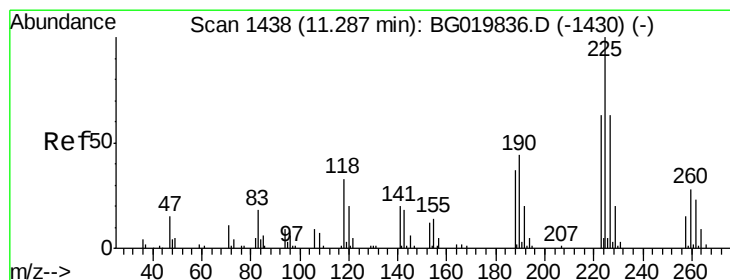
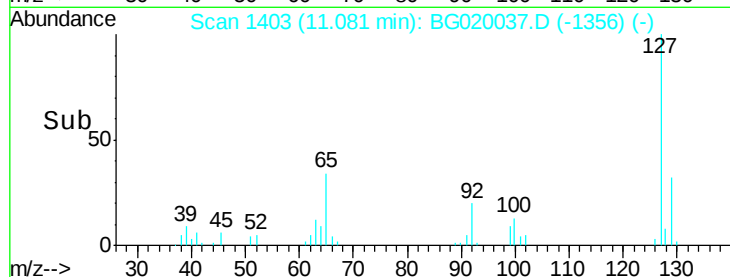
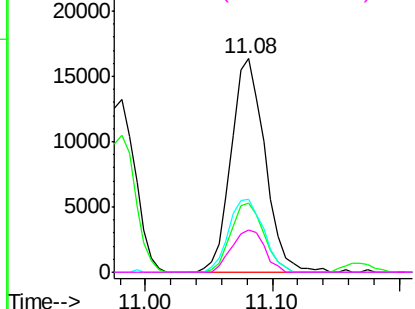
#33
4-Chloroaniline
Concen: 16.43 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion:	127	Resp:	30247
Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.6	37.0
65	34.4	22.6	33.8
92	20.1	15.1	22.7

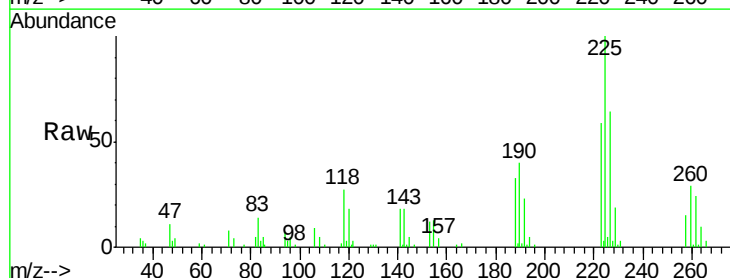


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

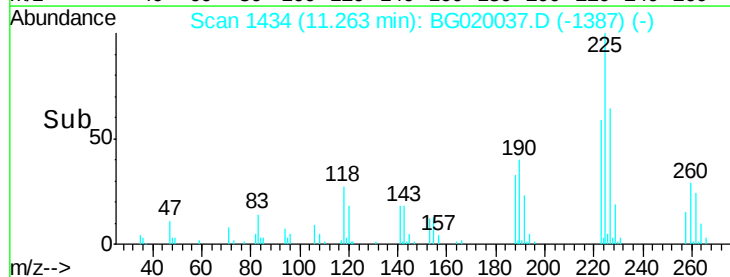
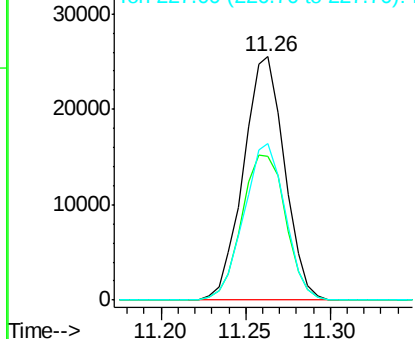


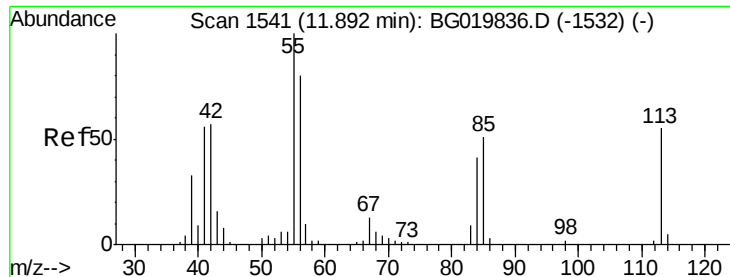
#34
Hexachlorobutadiene
Concen: 38.03 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion:	225	Resp:	43179
Ion	Ratio	Lower	Upper
225	100		
223	59.3	51.0	76.4
227	67.3	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: 33.36 ng

RT: 11.86 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

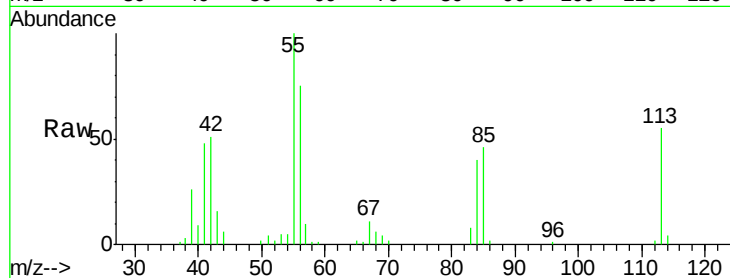
Tot Ion:113 Resp: 16915

Ion Ratio Lower Upper

113 100

55 183.2 135.0 175.0#

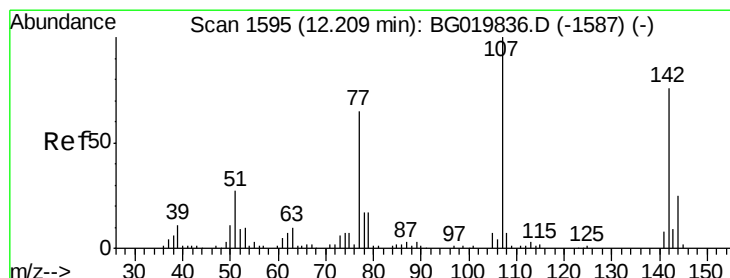
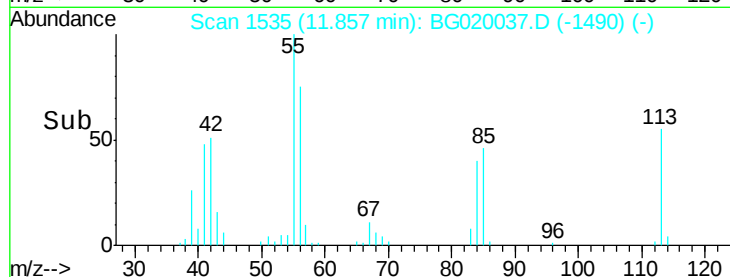
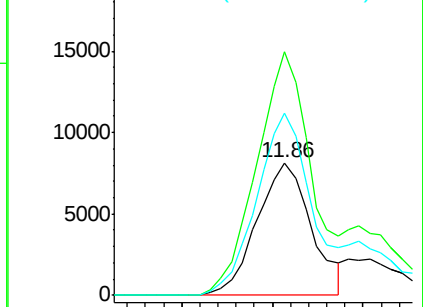
56 137.3 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.86 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

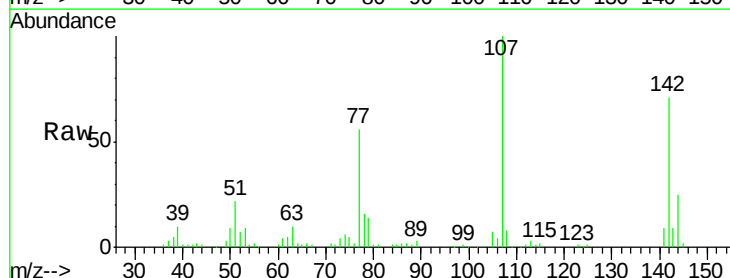
Tgt Ion:107 Resp: 72700

Ion Ratio Lower Upper

107 100

144 25.0 20.6 31.0

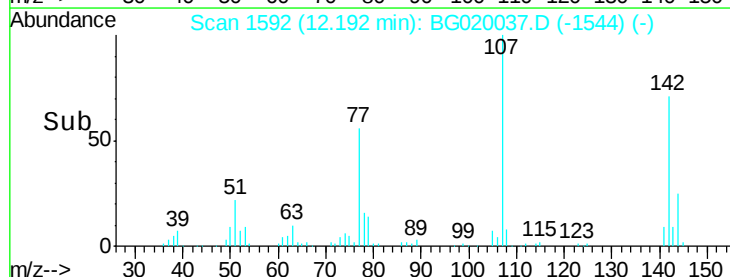
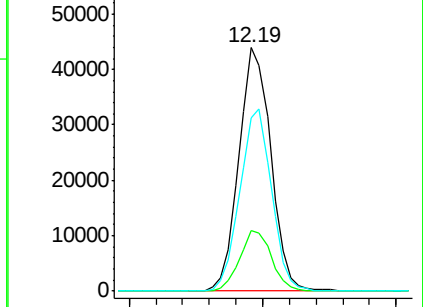
142 71.1 62.6 93.8



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

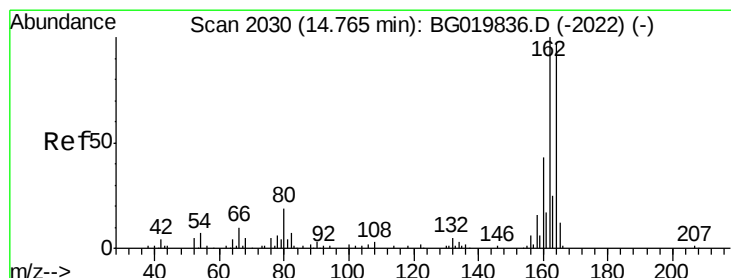
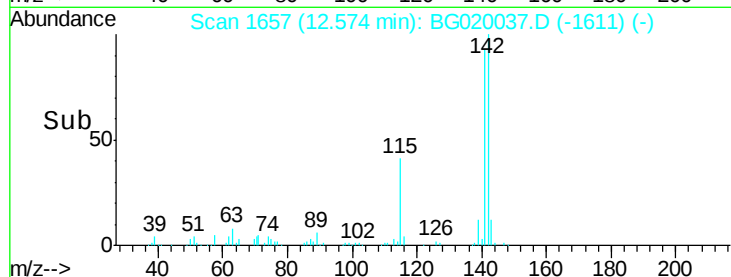
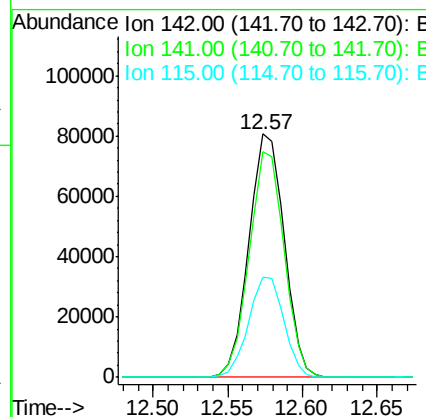
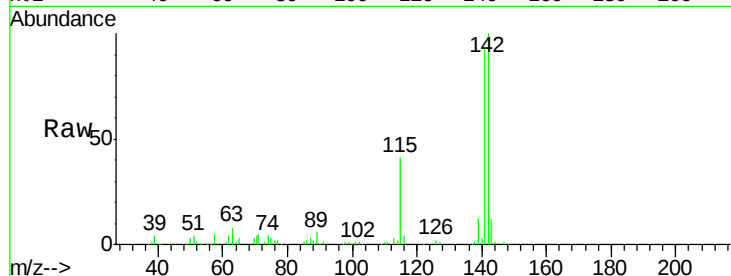




#37
2-Methylnaphthalene
Concen: 43.13 ng
RT: 12.57 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

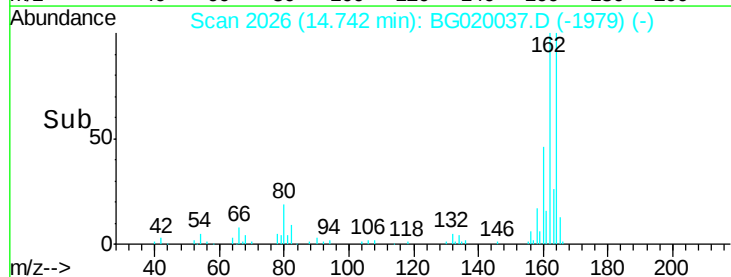
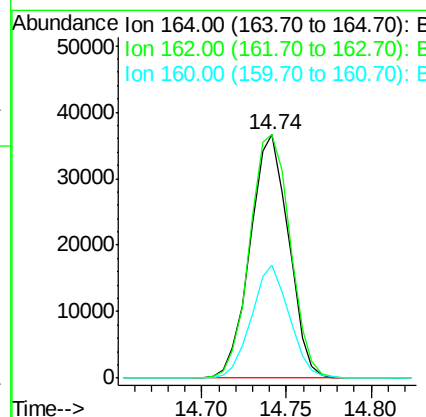
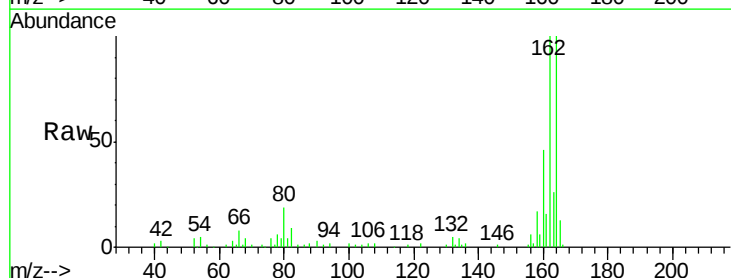
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

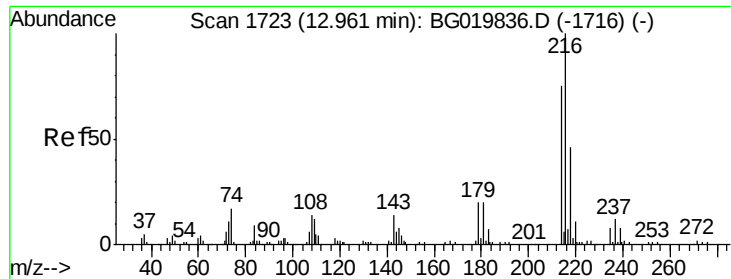
Tot Ion:142 Resp: 132063
Ion Ratio Lower Upper
142 100
141 92.6 74.6 112.0
115 41.2 27.4 41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion:164 Resp: 57976
Ion Ratio Lower Upper
164 100
162 100.1 78.8 118.2
160 46.3 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.68 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

Tot Ion:216 Resp: 85099

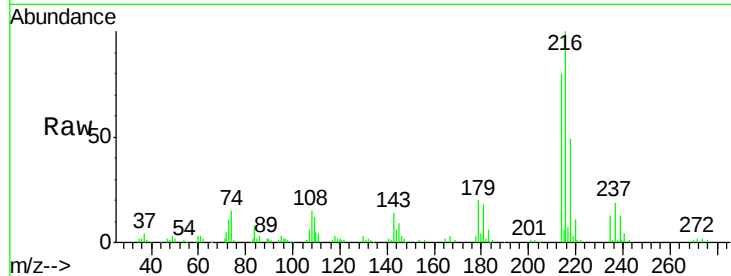
Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.5	93.7
179	19.4	15.6	23.4
108	17.0	13.3	19.9

216 100

214 79.2 62.5 93.7

179 19.4 15.6 23.4

108 17.0 13.3 19.9

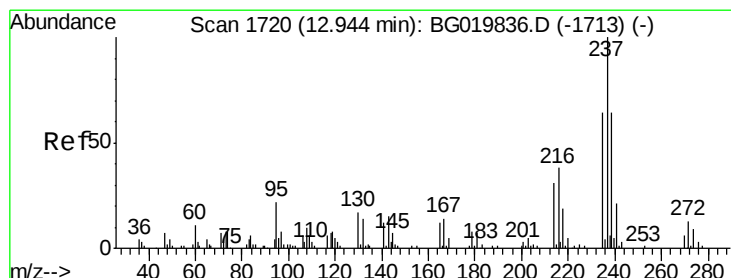
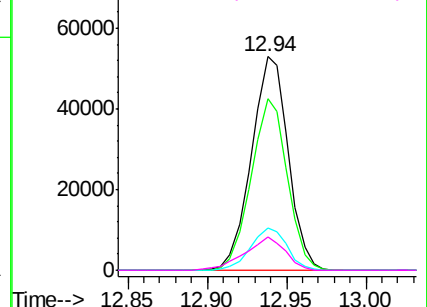
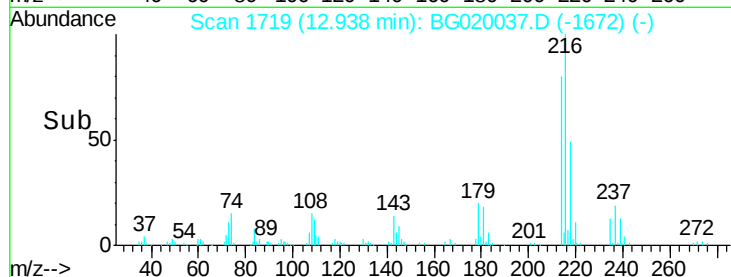


Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.47 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

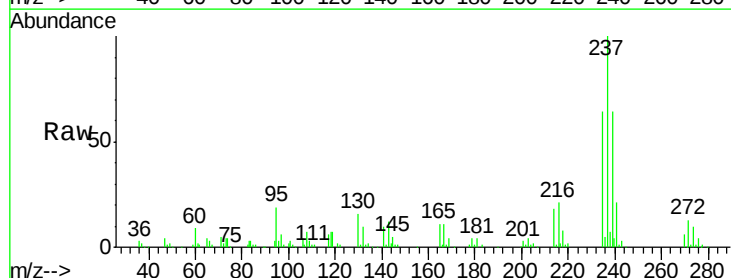
Tgt Ion:237 Resp: 83388

Ion	Ratio	Lower	Upper
237	100		
235	64.2	44.6	84.6
272	12.7	0.0	32.8

237 100

235 64.2 44.6 84.6

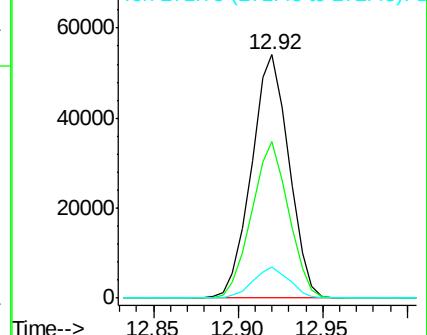
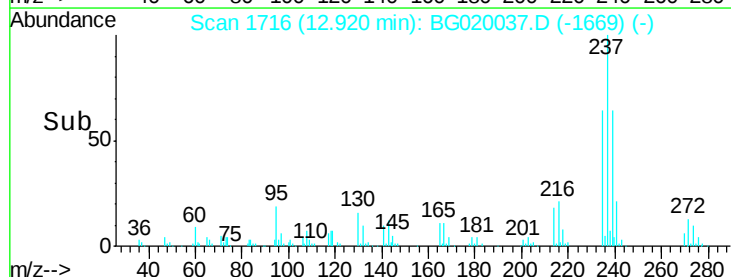
272 12.7 0.0 32.8



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

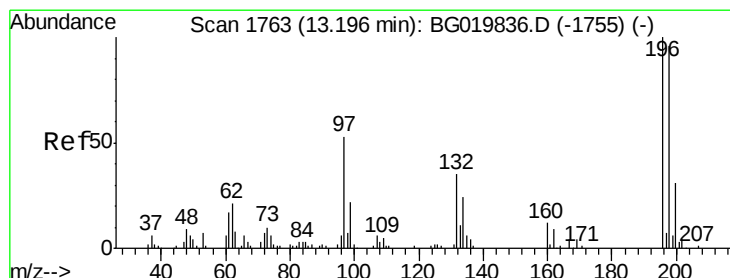
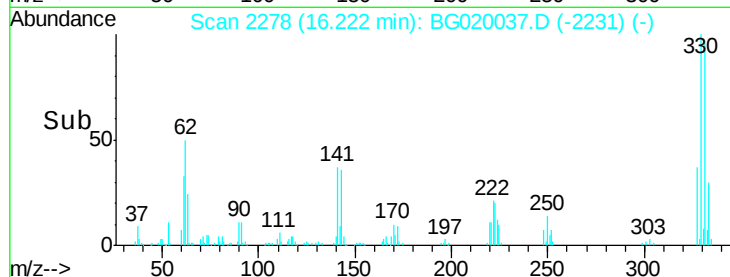
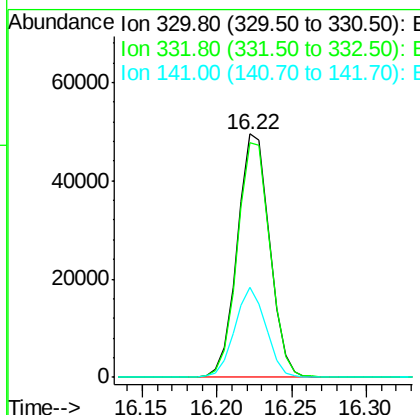
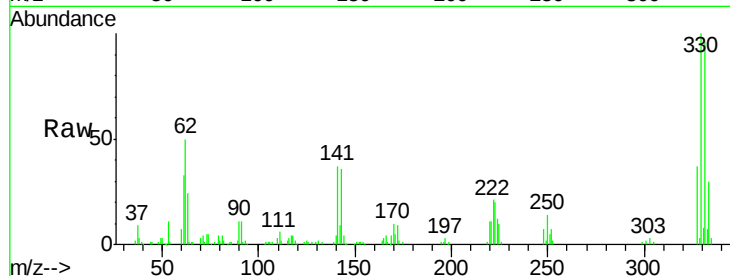




#41
 2,4,6-Tribromophenol
 Concen: 83.85 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

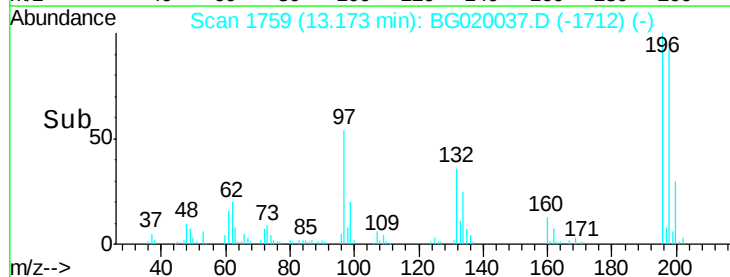
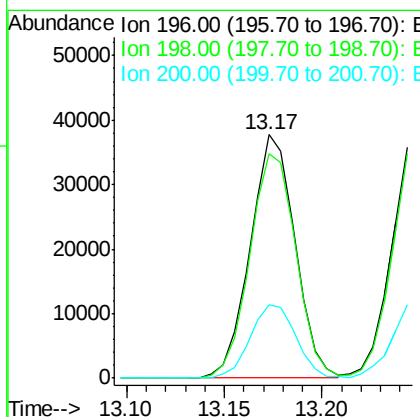
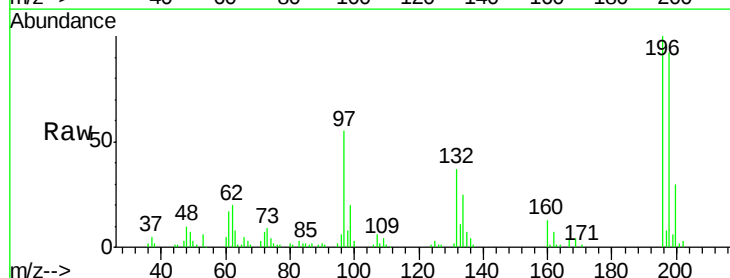
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion:330 Resp: 74378
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.1 117.1
 141 36.0 28.2 42.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.06 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion:196 Resp: 59812
 Ion Ratio Lower Upper
 196 100
 198 92.2 74.7 112.1
 200 29.9 24.1 36.1

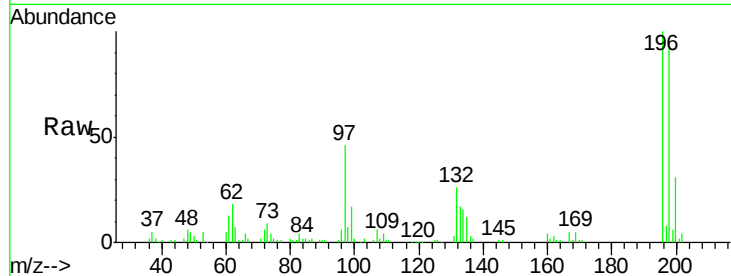




#43
 2,4,5-Trichlorophenol
 Concen: 43.49 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.2	112.8
97	46.0	34.2	51.2
132	25.8	21.8	32.6



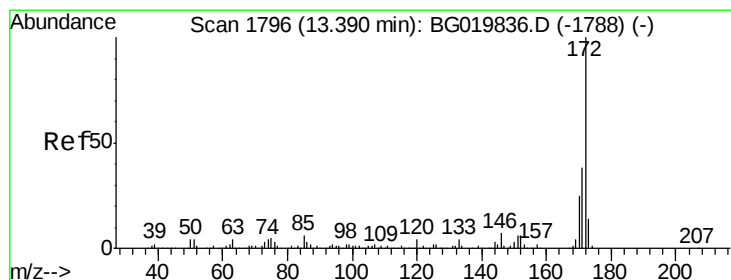
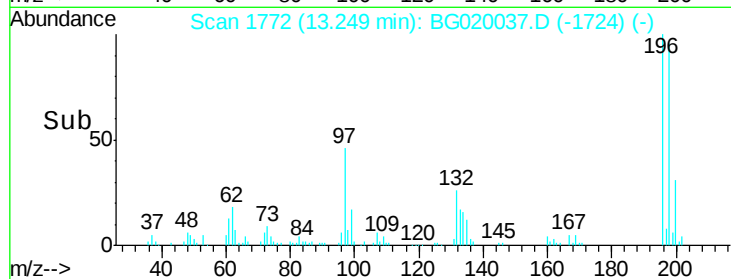
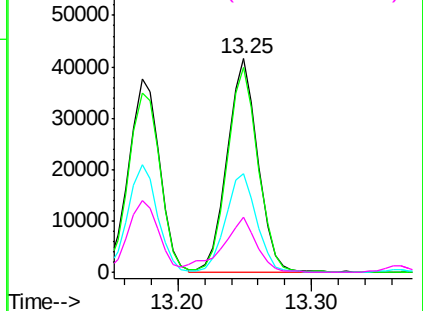
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

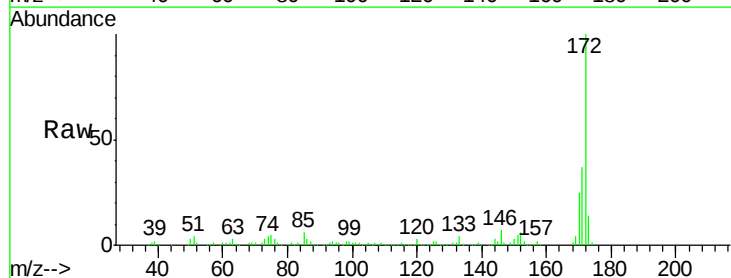
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.51 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.6
170	24.7	19.9	29.9

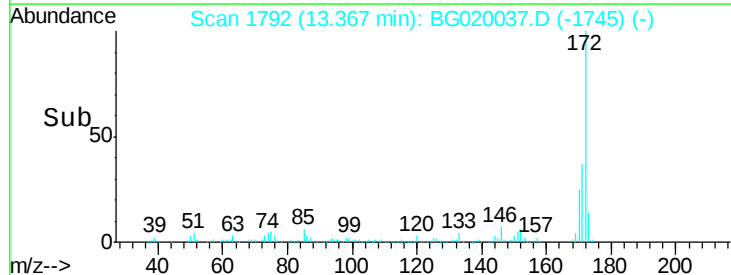
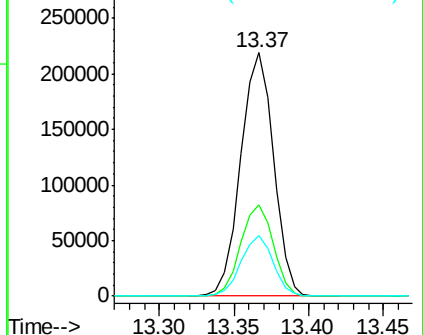


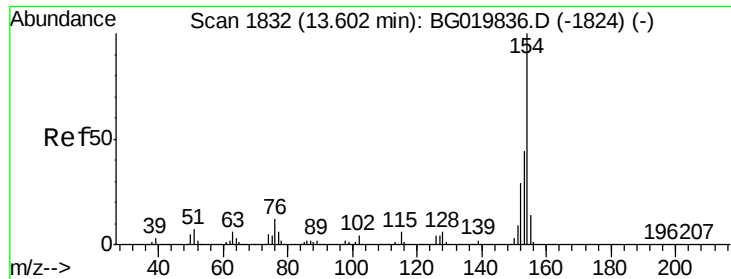
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

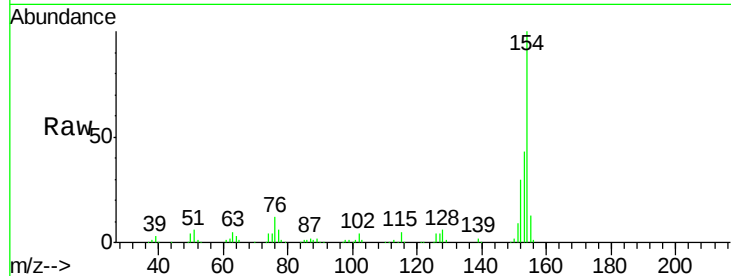




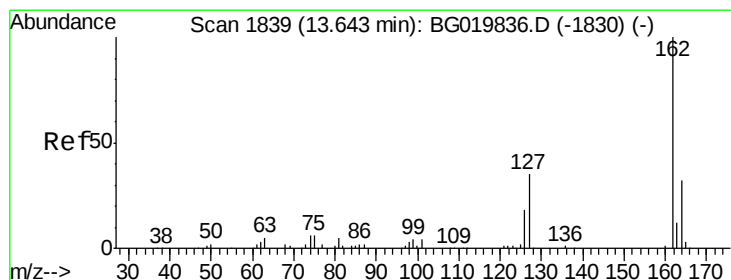
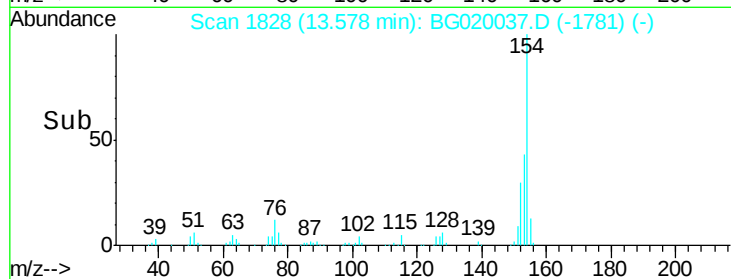
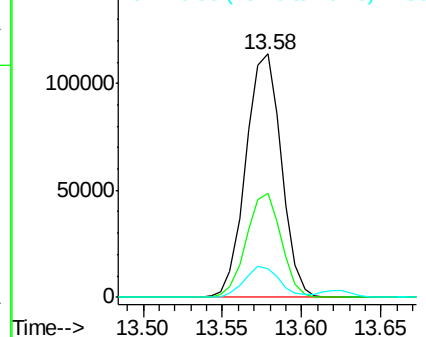
#45
 1,1'-Biphenyl
 Concen: 37.11 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion:154 Resp: 176568
 Ion Ratio Lower Upper
 154 100
 153 42.7 21.9 61.9
 76 11.9 0.0 33.2

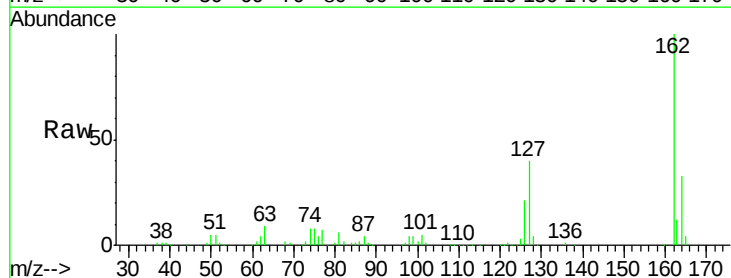


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

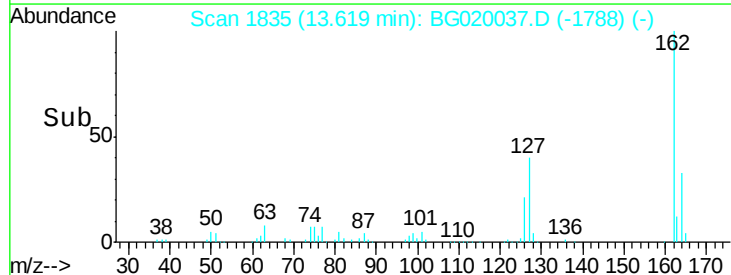
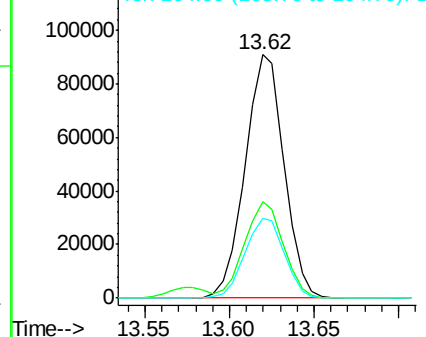


#46
 2-Chloronaphthalene
 Concen: 39.71 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion:162 Resp: 145624
 Ion Ratio Lower Upper
 162 100
 127 39.6 28.3 42.5
 164 32.5 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

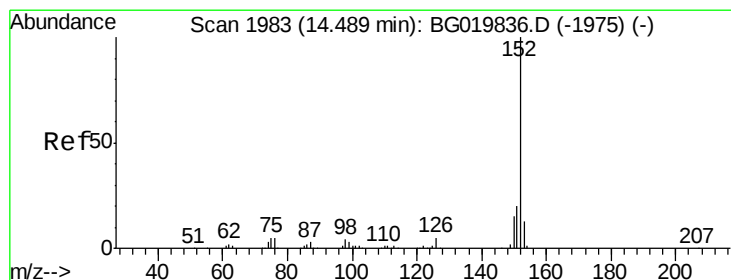
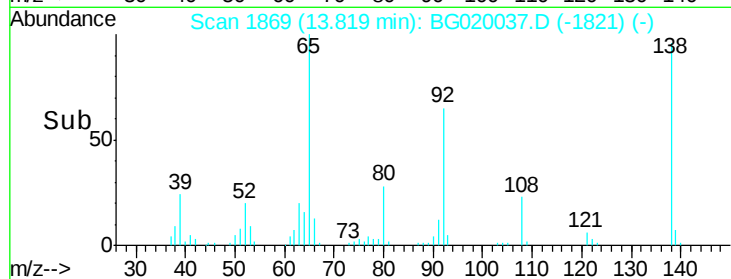
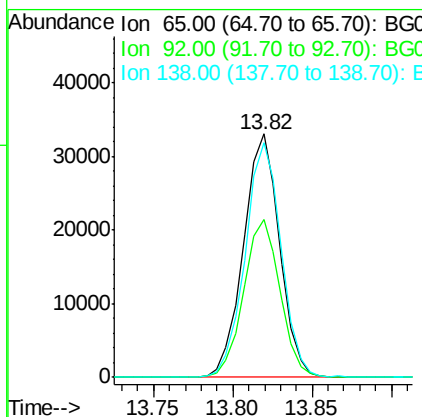
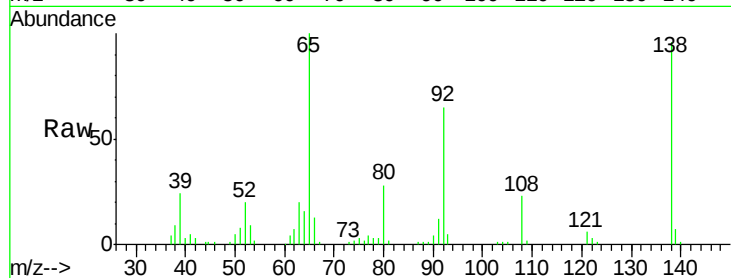




#47
2-Nitroaniline
Concen: 45.15 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

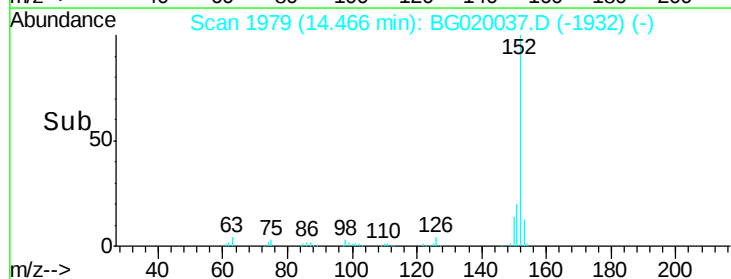
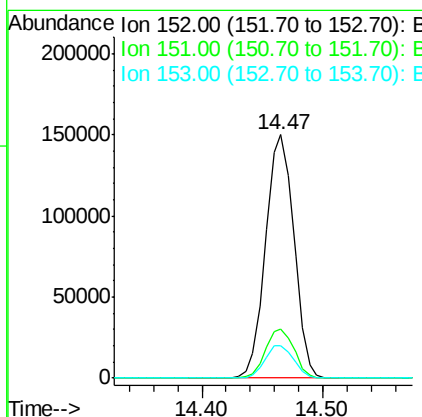
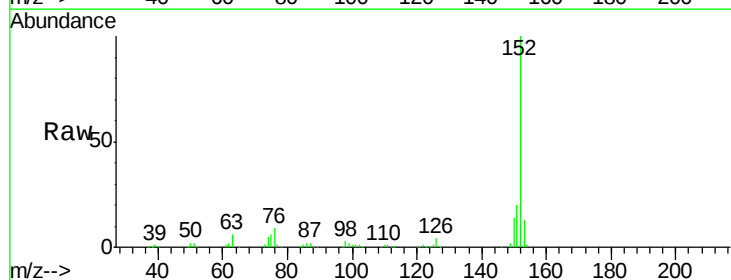
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion: 65 Resp: 52297
Ion Ratio Lower Upper
65 100
92 65.0 54.8 82.2
138 96.5 89.6 134.4



#48
Acenaphthylene
Concen: 38.87 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion: 152 Resp: 242804
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.4
153 13.2 10.4 15.6





#49

Dimethylphthalate

Concen: 37.66 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

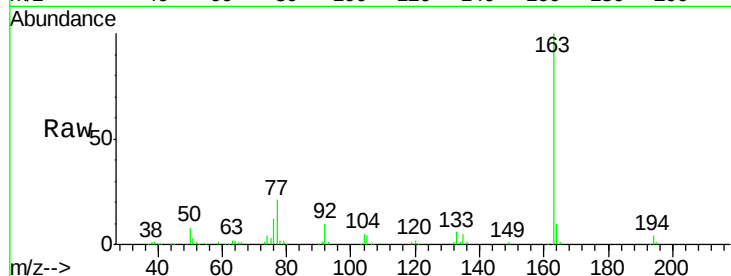
Tot Ion:163 Resp: 196430

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

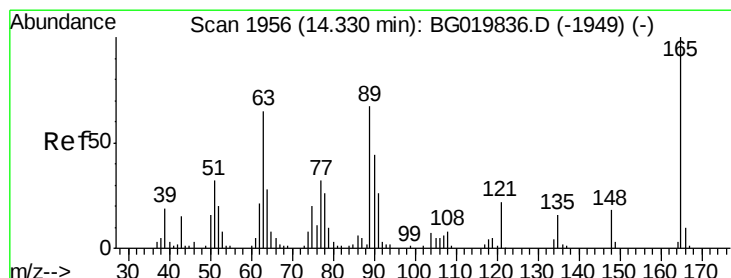
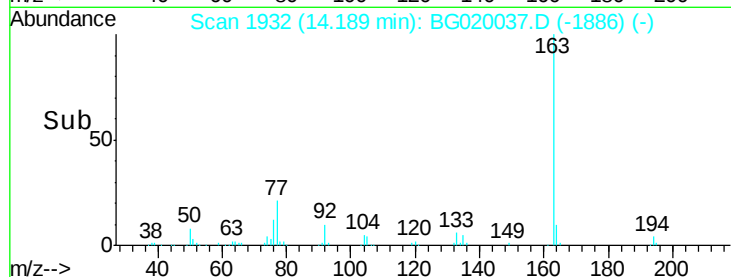
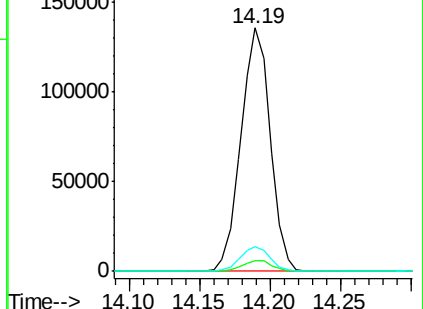
164 10.1 8.8 13.2



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: 44.90 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

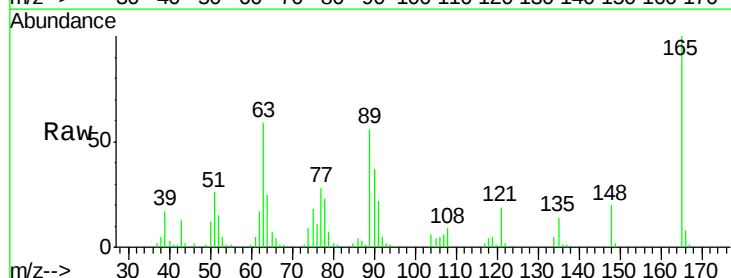
Tgt Ion:165 Resp: 44027

Ion Ratio Lower Upper

165 100

63 58.8 35.7 53.5#

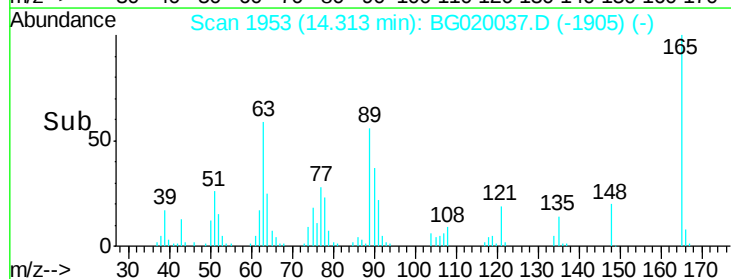
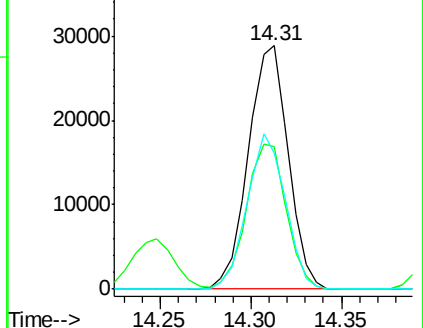
89 55.9 39.7 59.5

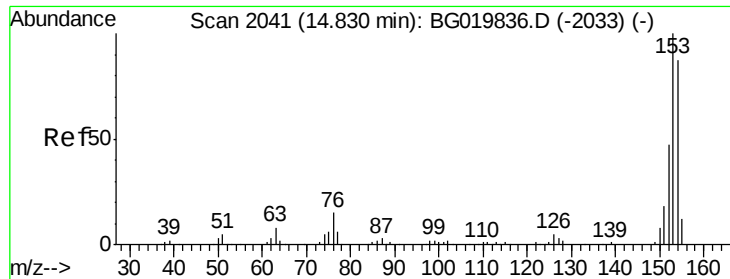


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.07 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

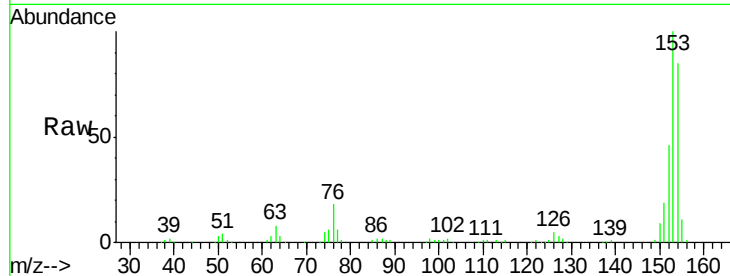
Tot Ion:154 Resp: 144314

Ion Ratio Lower Upper

154 100

153 117.1 92.9 139.3

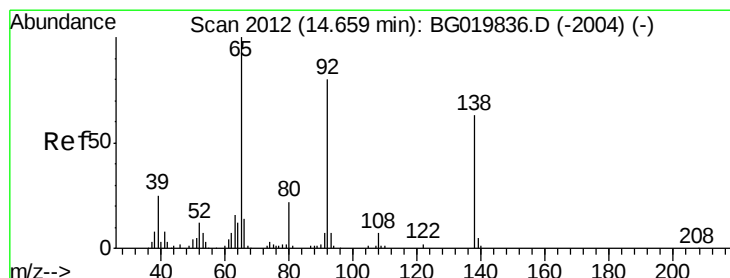
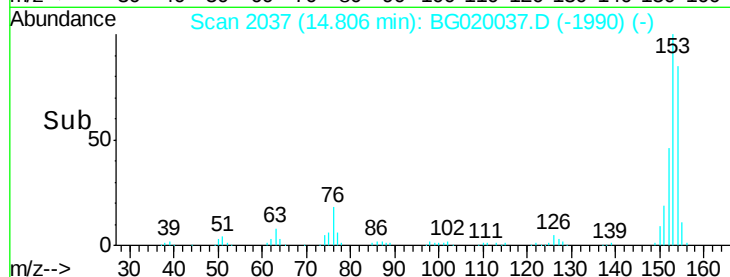
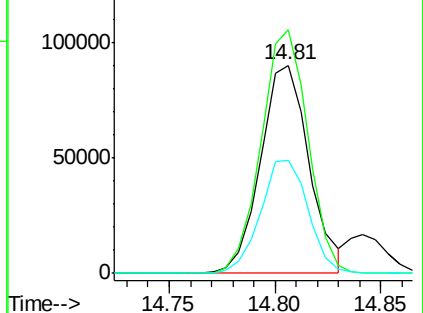
152 54.3 45.8 68.8



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: 30.23 ng

RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

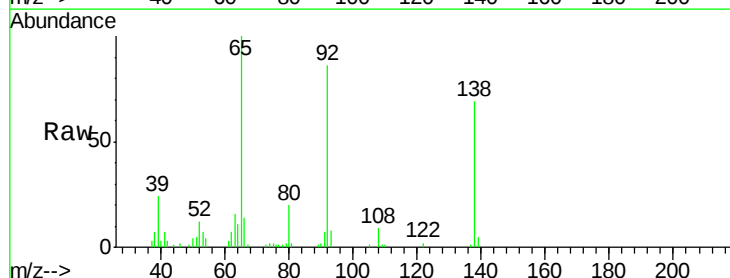
Tgt Ion:138 Resp: 30799

Ion Ratio Lower Upper

138 100

108 12.3 7.9 11.9#

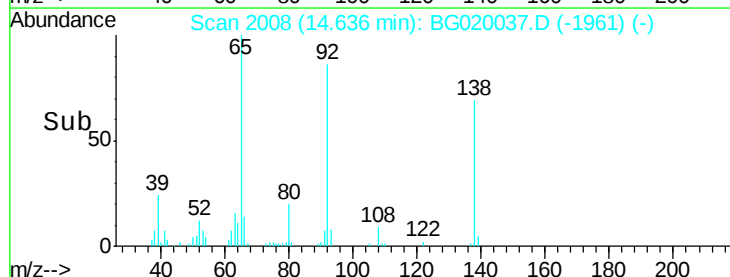
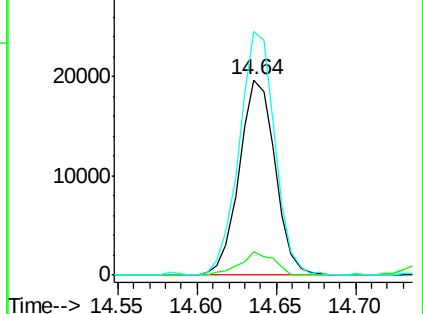
92 124.8 94.2 141.4

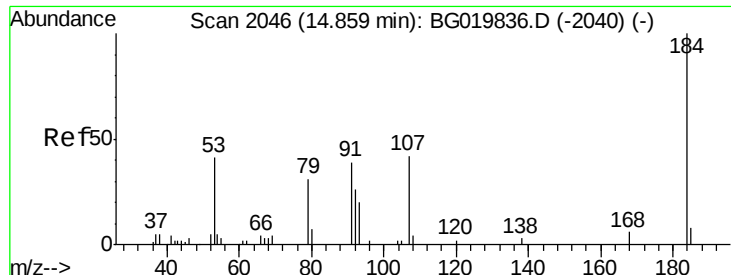


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

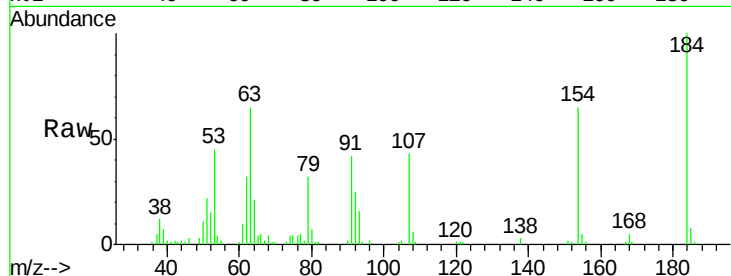




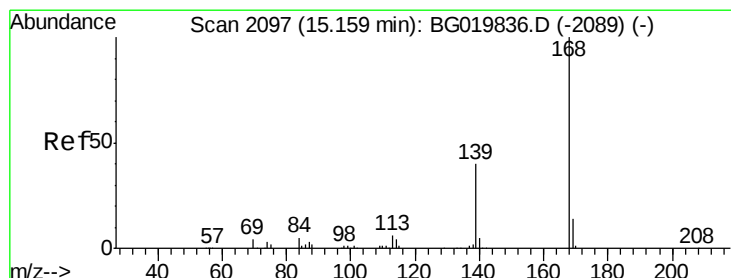
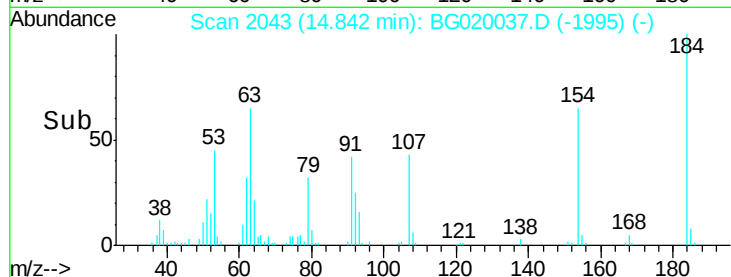
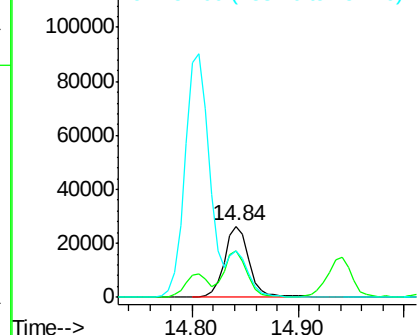
#53
 2,4-Dinitrophenol
 Concen: 81.47 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion:184 Resp: 42609
 Ion Ratio Lower Upper
 184 100
 63 64.5 42.7 64.1#
 154 64.5 44.3 66.5

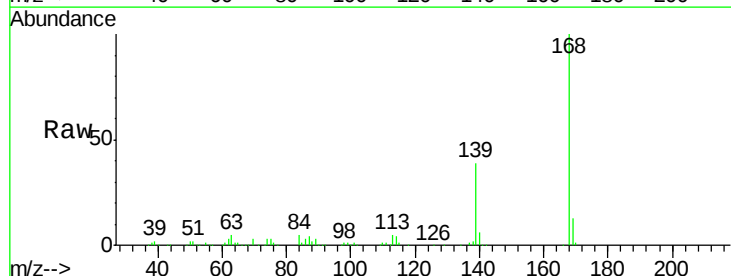


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

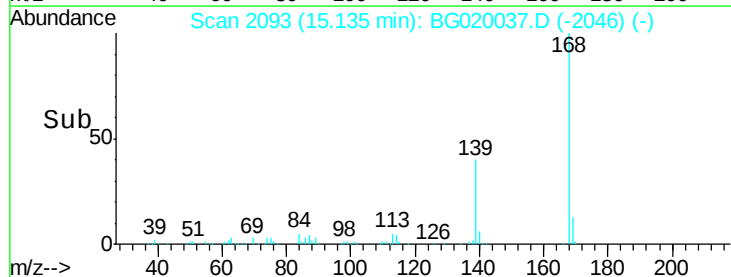
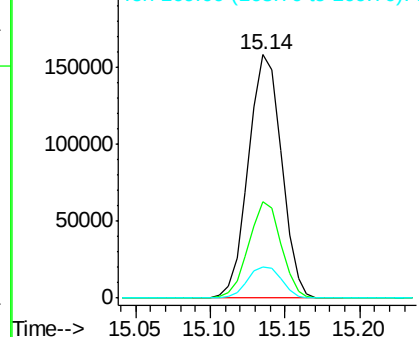


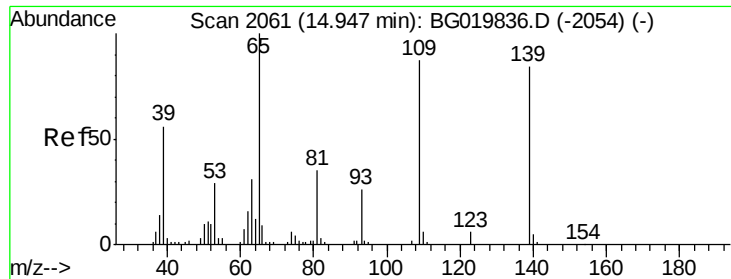
#54
 Dibenzofuran
 Concen: 43.04 ng
 RT: 15.14 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion:168 Resp: 242687
 Ion Ratio Lower Upper
 168 100
 139 39.4 27.4 41.0
 169 12.8 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

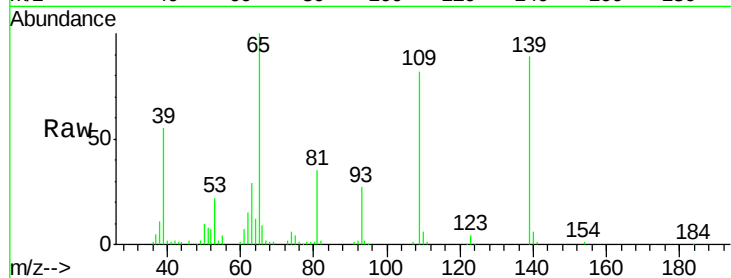




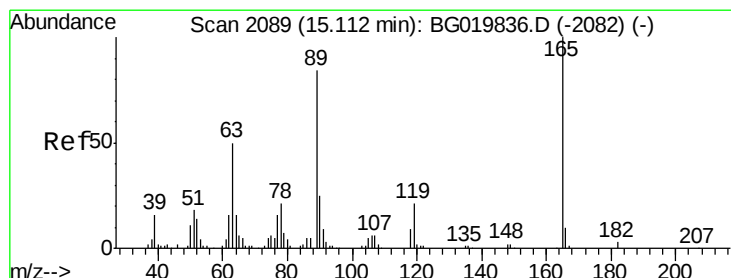
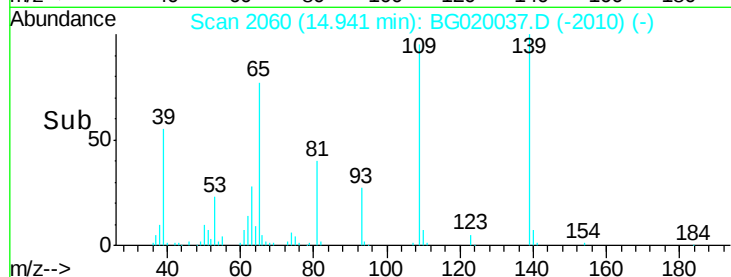
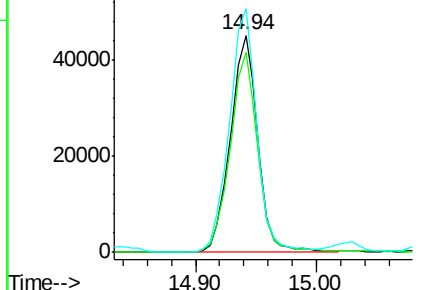
#55
4-Nitrophenol
Concen: 80.57 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion:139 Resp: 71481
Ion Ratio Lower Upper
139 100
109 92.4 43.2 83.2#
65 112.1 67.8 107.8#

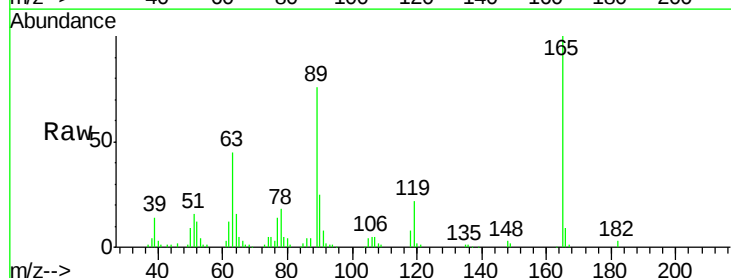


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

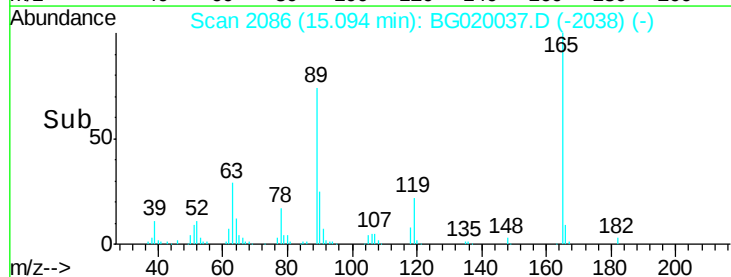
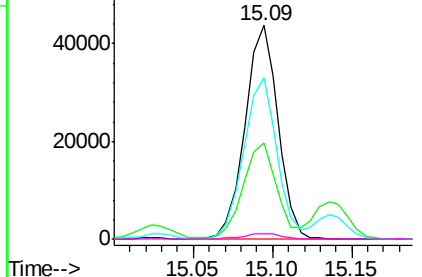


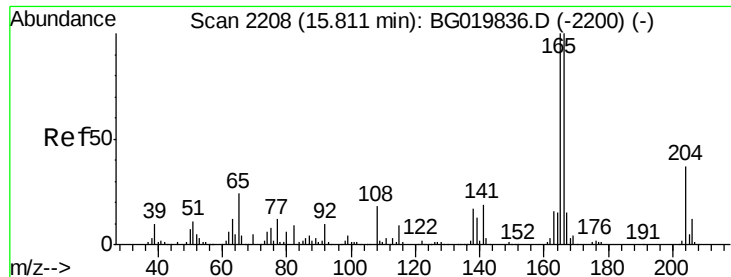
#56
2,4-Dinitrotoluene
Concen: 46.12 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion:165 Resp: 63095
Ion Ratio Lower Upper
165 100
63 44.9 31.0 46.4
89 75.6 54.4 81.6
182 2.6 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

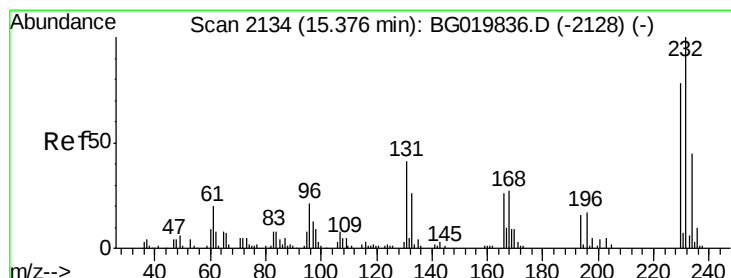
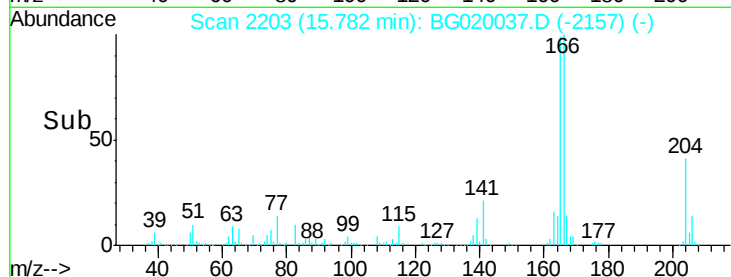
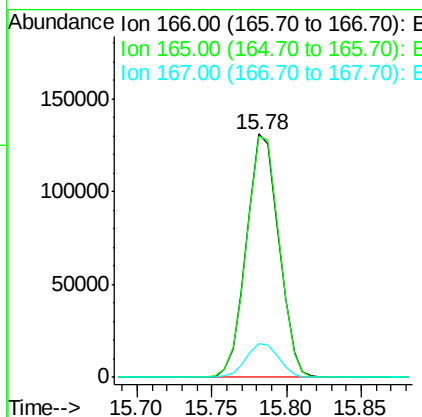
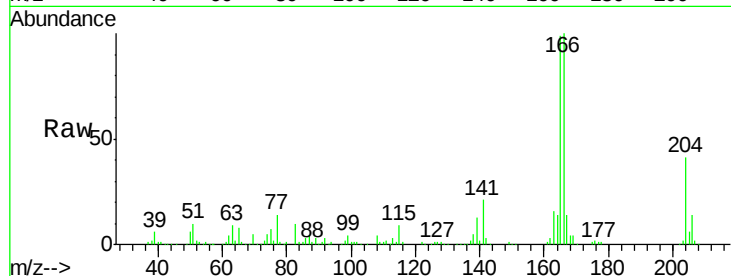




#57
Fluorene
 Concen: 38.88 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.03 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

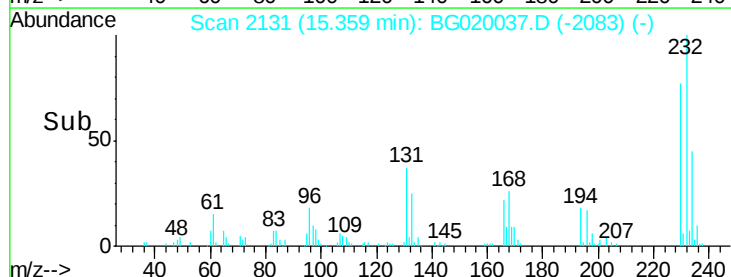
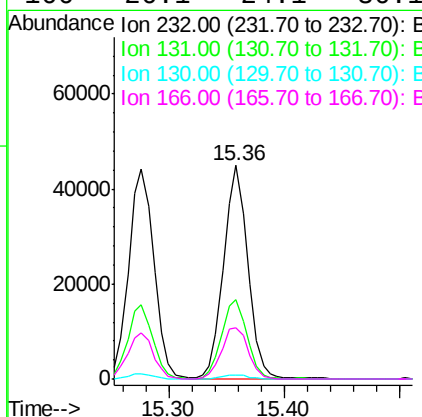
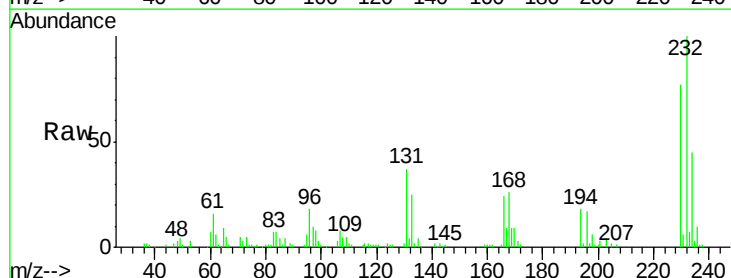
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.0	120.0
167	14.0	11.1	16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.30 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.6	33.0	49.6
130	2.2	2.0	3.0
166	26.1	24.1	36.1





#59

Diethylphthalate

Concen: 36.70 ng

RT: 15.55 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

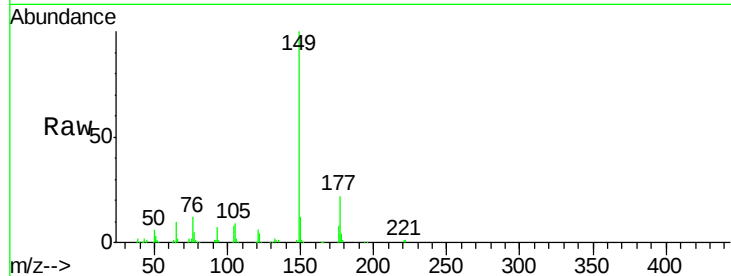
Tot Ion:149 Resp: 207115

Ion Ratio Lower Upper

149 100

177 21.6 19.6 29.4

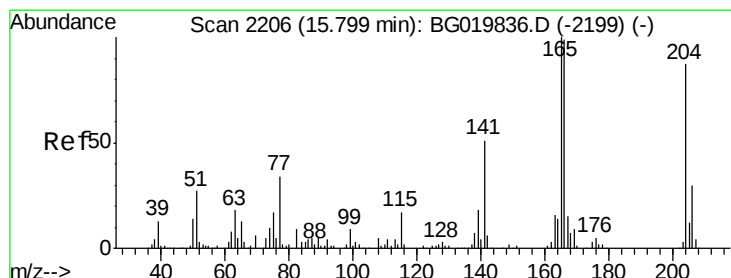
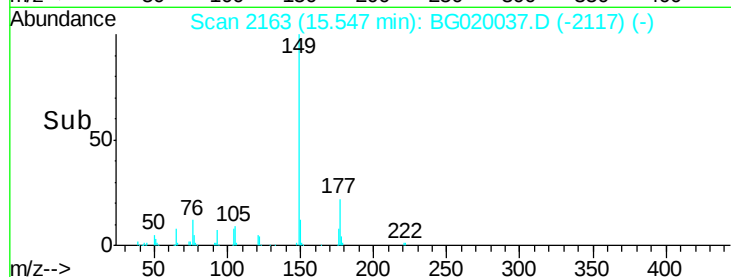
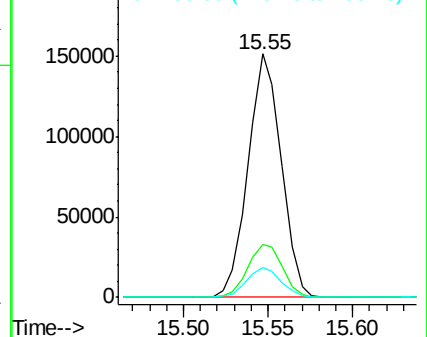
150 12.4 10.2 15.2



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: 37.94 ng

RT: 15.78 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

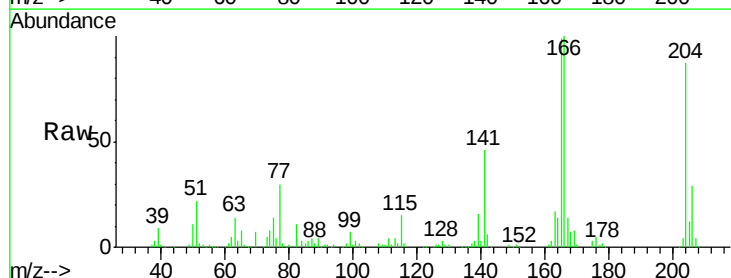
Tgt Ion:204 Resp: 109953

Ion Ratio Lower Upper

204 100

206 32.9 28.3 42.5

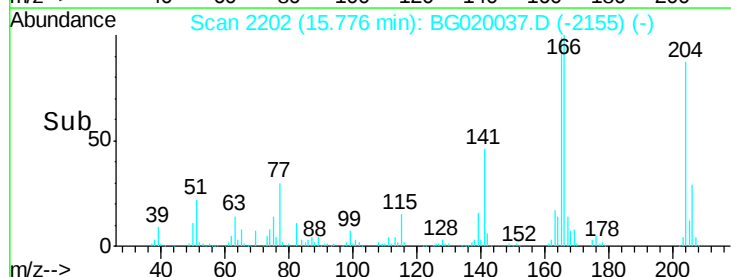
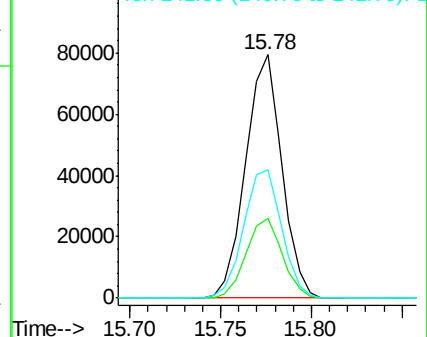
141 53.0 44.0 66.0

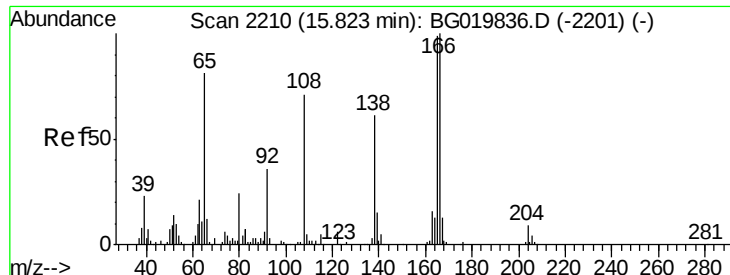


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

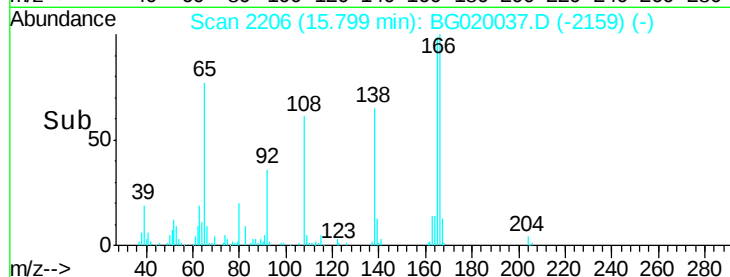
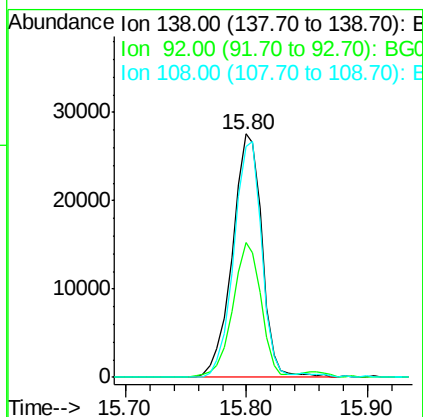
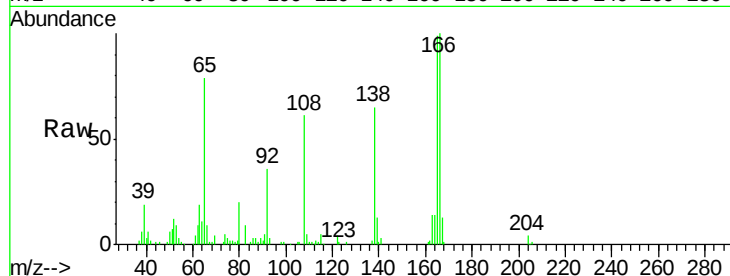




#61
4-Nitroaniline
Concen: 41.11 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

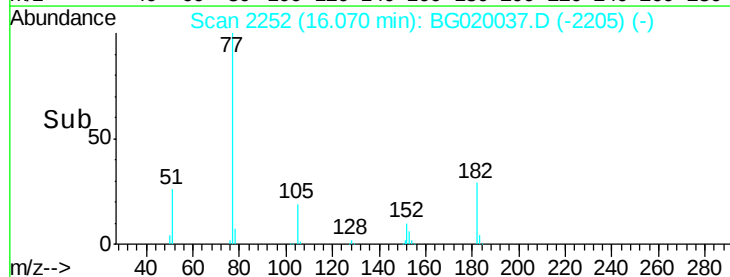
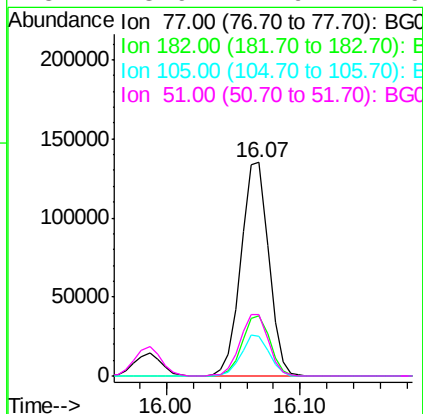
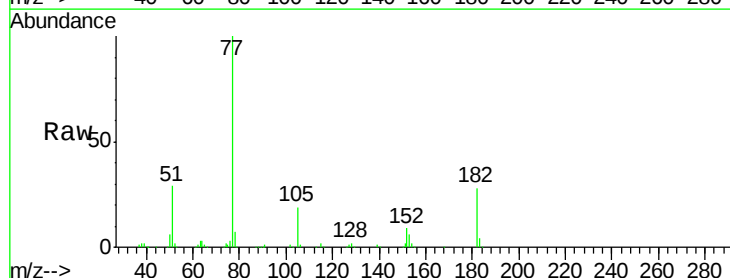
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion:138 Resp: 47101
Ion Ratio Lower Upper
138 100
92 55.5 29.1 69.1
108 94.8 49.8 89.8#



#62
Azobenzene
Concen: 41.36 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion: 77 Resp: 194227
Ion Ratio Lower Upper
77 100
182 28.1 7.0 47.0
105 18.8 1.4 41.4
51 28.9 4.9 44.9

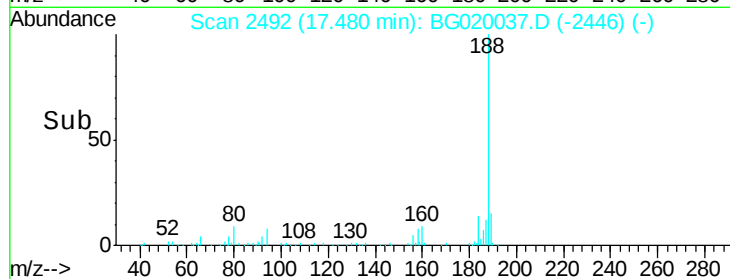
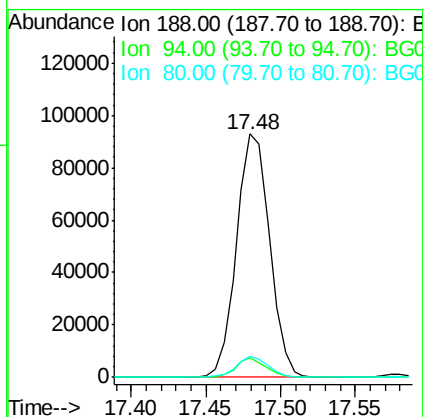
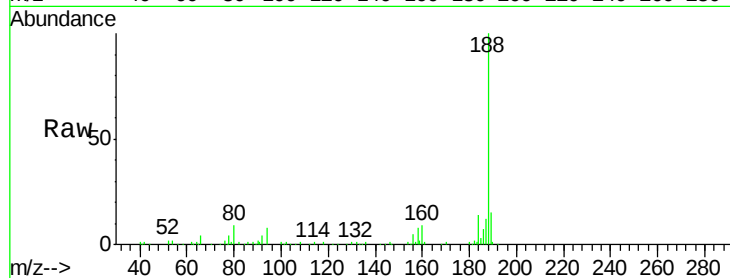




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

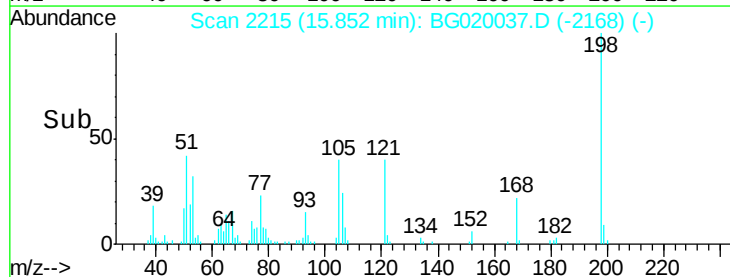
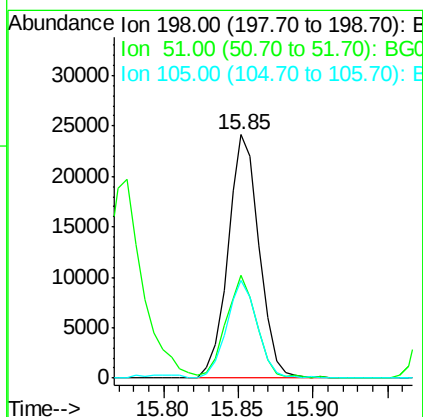
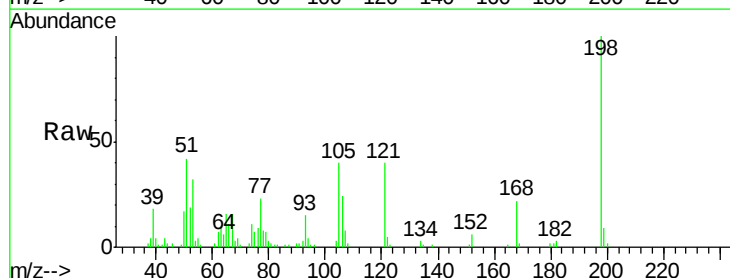
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion:188 Resp: 143125
Ion Ratio Lower Upper
188 100
94 8.0 7.7 11.5
80 8.5 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 44.33 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion:198 Resp: 35213
Ion Ratio Lower Upper
198 100
51 42.4 14.2 54.2
105 40.2 21.1 61.1

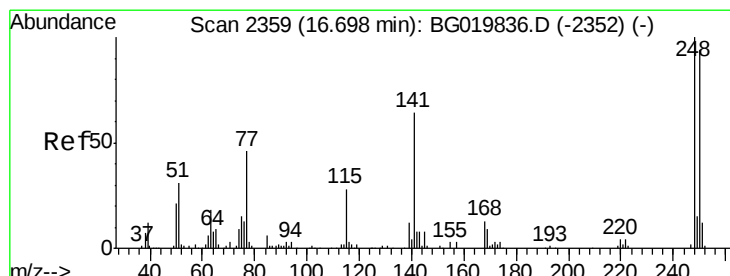
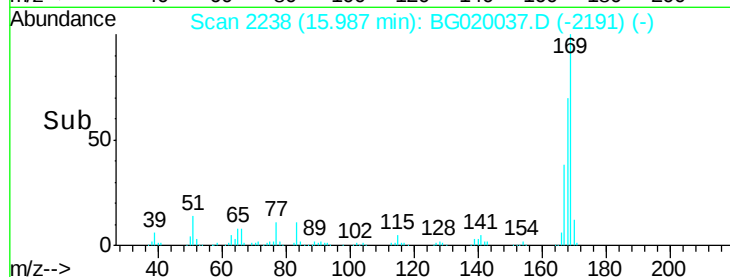
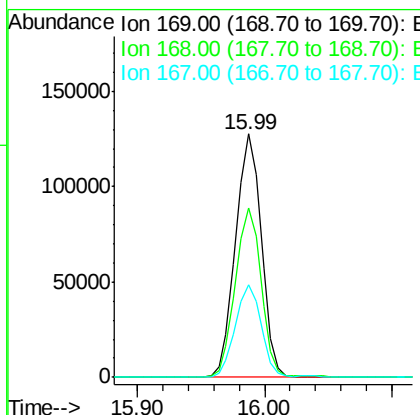
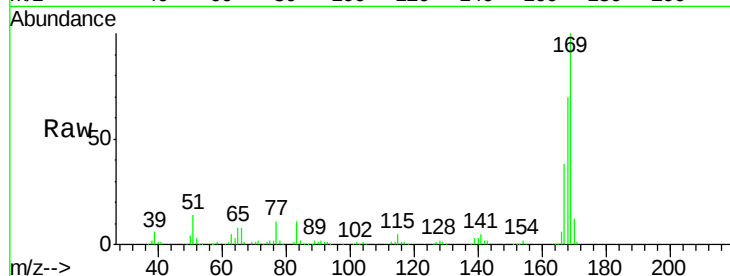




#65
n-Nitrosodiphenylamine
Concen: 43.33 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

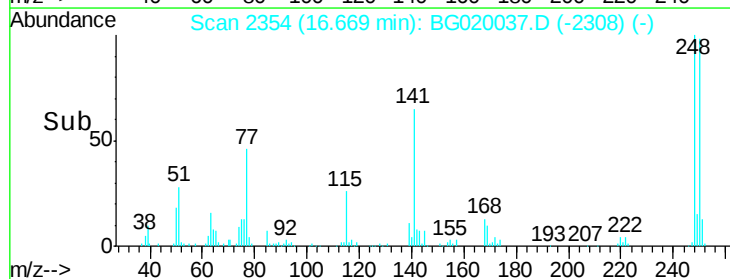
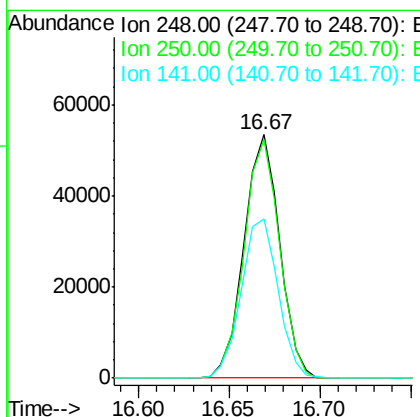
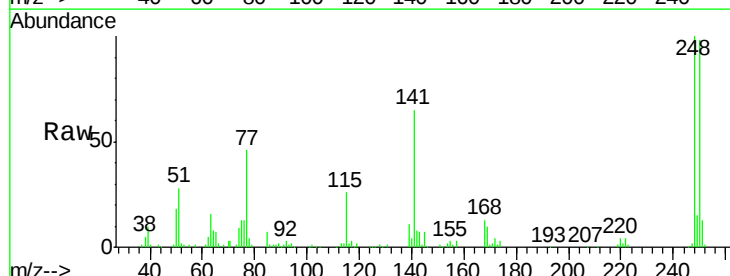
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

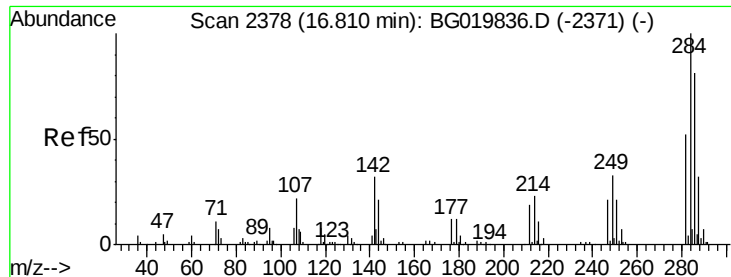
Tot Ion:169 Resp: 179456
Ion Ratio Lower Upper
169 100
168 69.6 58.2 87.2
167 38.0 32.7 49.1



#66
4-Bromophenyl-phenylether
Concen: 41.19 ng
RT: 16.67 min Scan# 2354
Delta R.T. -0.03 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion:248 Resp: 73262
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 65.1 50.4 75.6

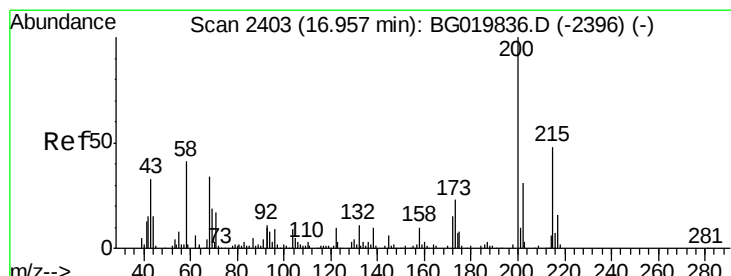
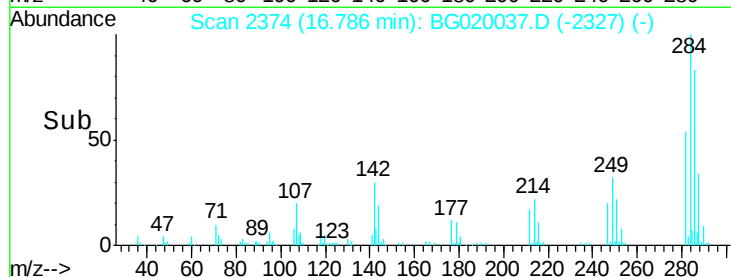
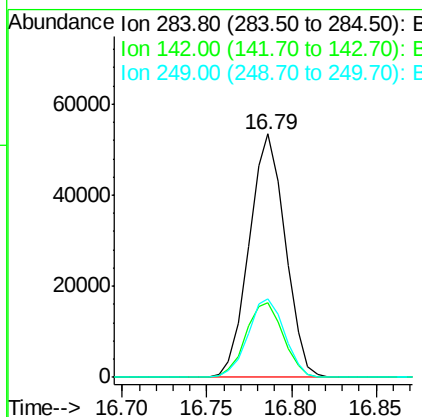
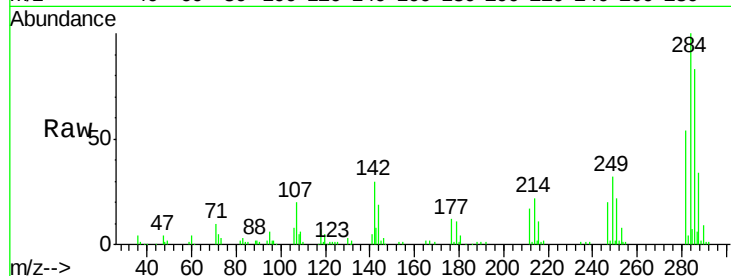




#67
Hexachlorobenzene
Concen: 42.90 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

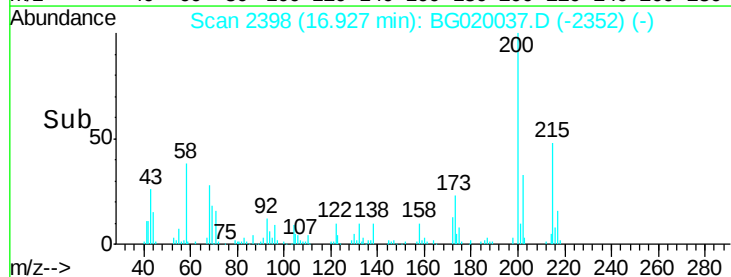
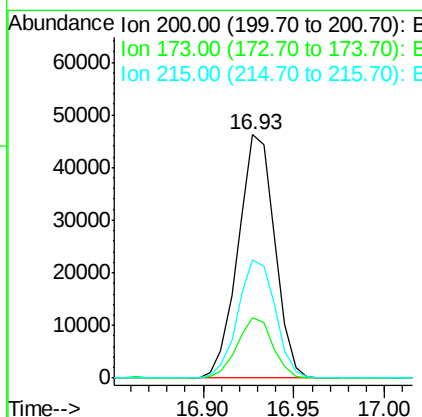
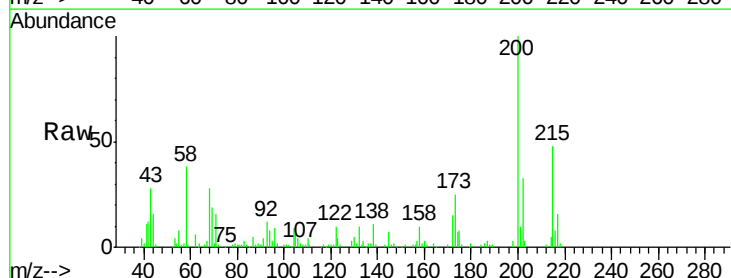
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

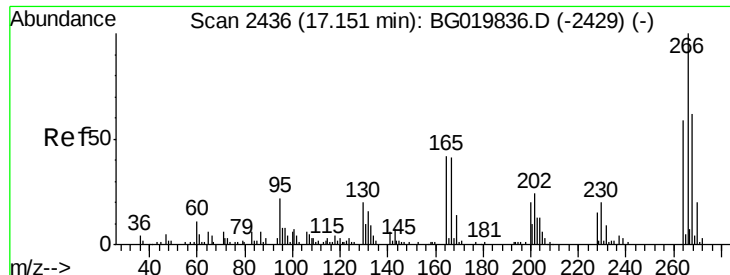
Tot Ion:284 Resp: 79474
Ion Ratio Lower Upper
284 100
142 30.4 26.6 39.8
249 32.3 26.2 39.2



#68
Atrazine
Concen: 36.03 ng
RT: 16.93 min Scan# 2398
Delta R.T. -0.03 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion:200 Resp: 64841
Ion Ratio Lower Upper
200 100
173 24.7 5.2 45.2
215 48.4 27.0 67.0

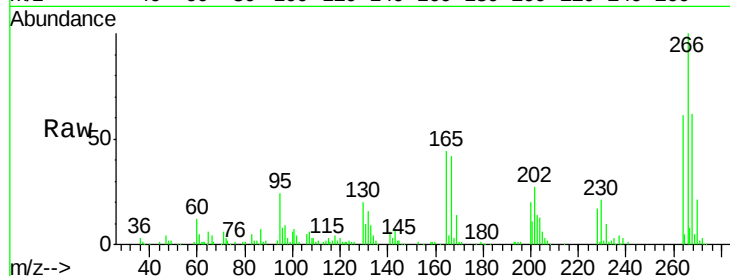




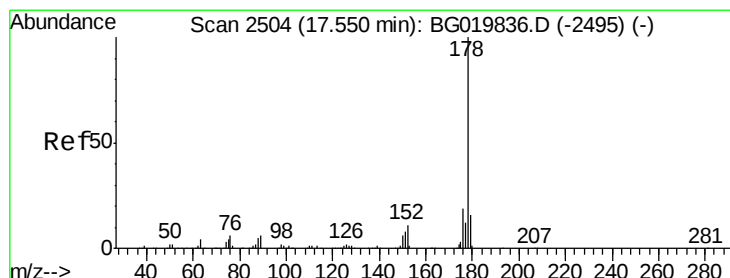
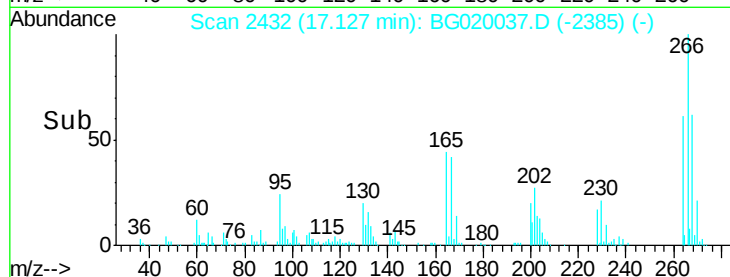
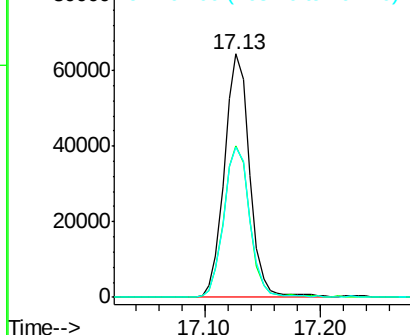
#69
 Pentachlorophenol
 Concen: 90.43 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion:266 Resp: 97782
 Ion Ratio Lower Upper
 266 100
 268 62.3 47.6 71.4
 264 66.3 48.1 72.1

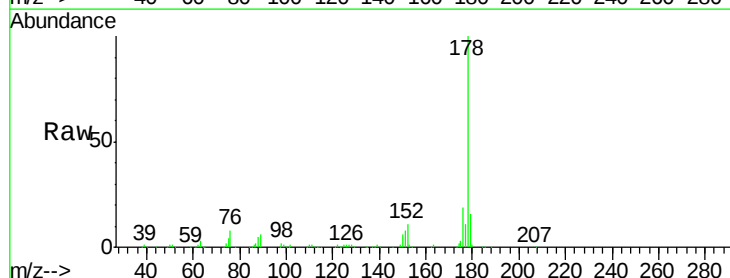


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

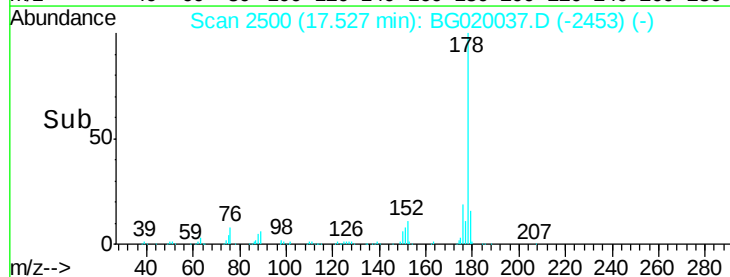
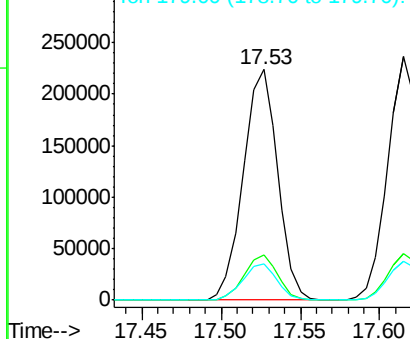


#70
 Phenanthrene
 Concen: 41.66 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion:178 Resp: 337328
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.7 25.1
 179 15.7 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

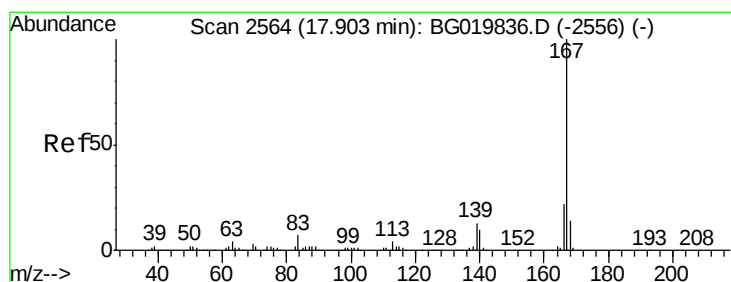
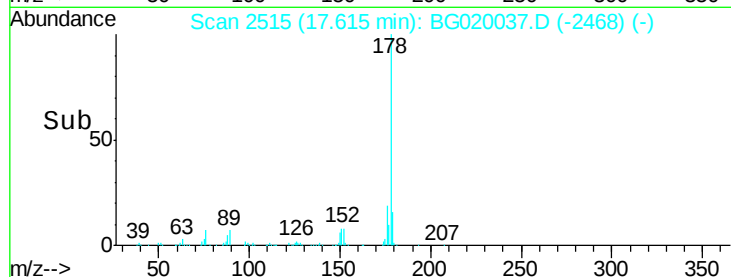
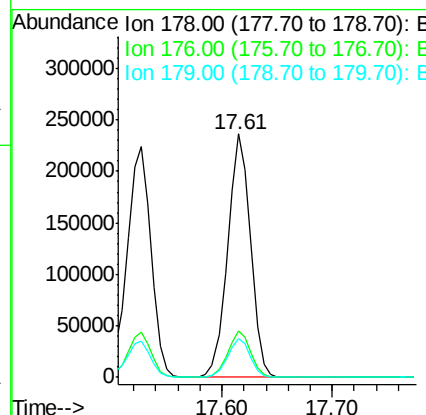
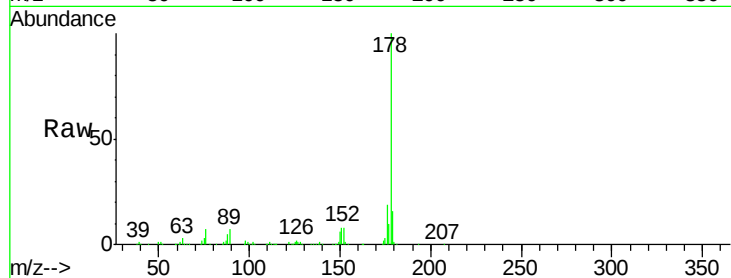




#71
 Anthracene
 Concen: 41.37 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

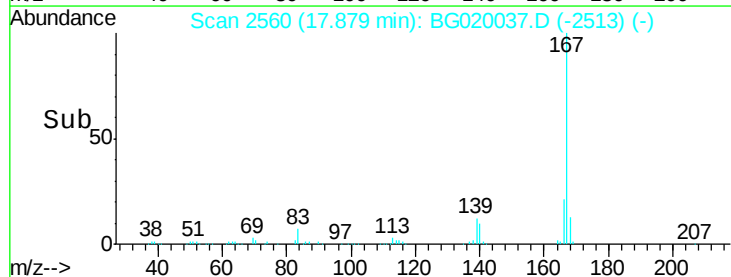
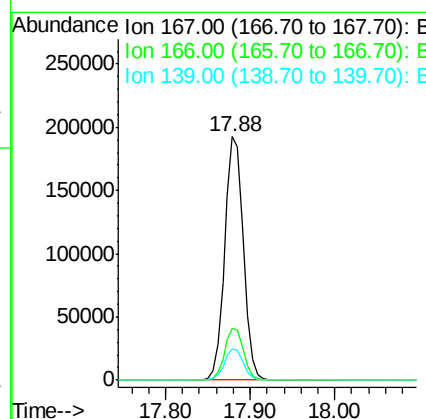
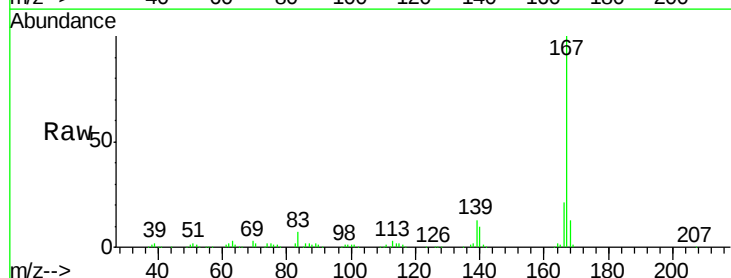
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.8	25.2
179	16.1	13.9	20.9



#72
 Carbazole
 Concen: 40.68 ng
 RT: 17.88 min Scan# 2560
 Delta R.T. -0.02 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	19.0	28.6
139	12.6	10.2	15.4

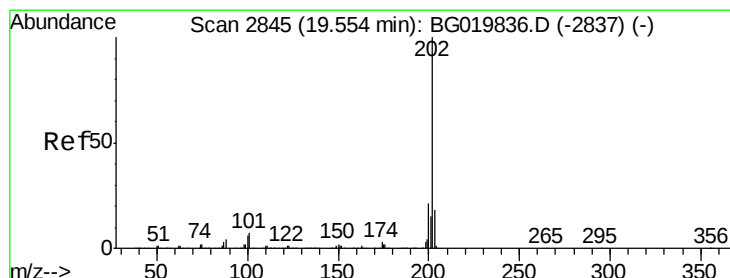
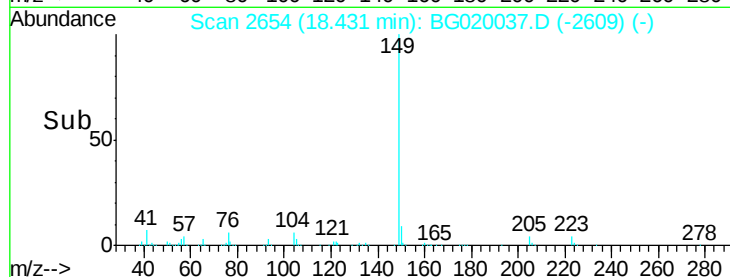
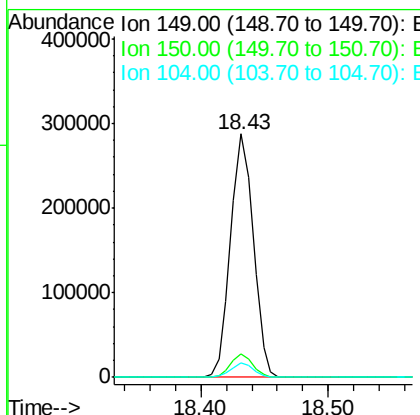
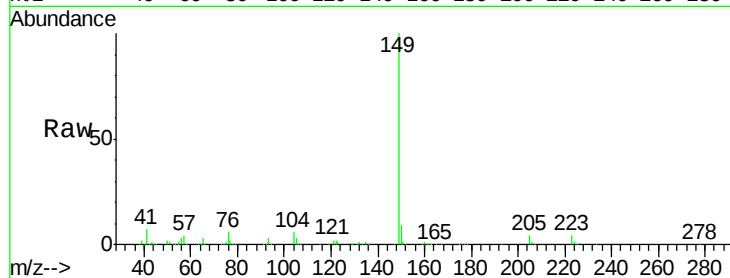




#73
Di-n-butylphthalate
Concen: 40.17 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

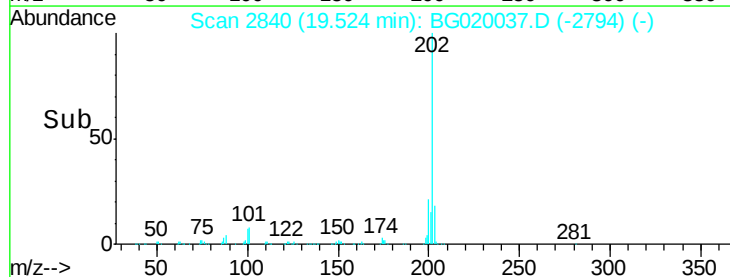
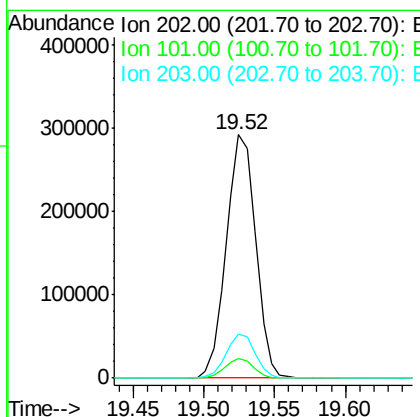
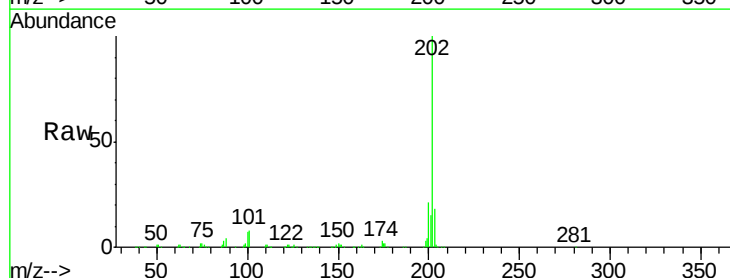
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

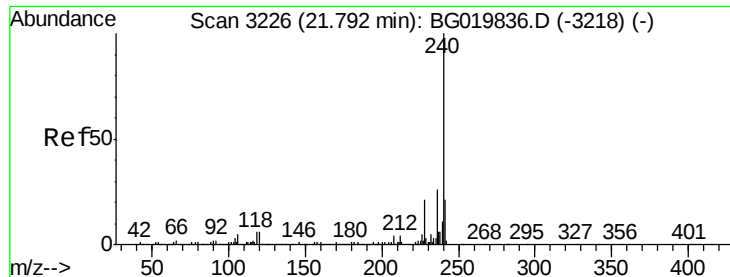
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.4
104	5.9	4.4	6.6



#74
Fluoranthene
Concen: 40.77 ng
RT: 19.52 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	32.4
203	18.1	0.0	39.5

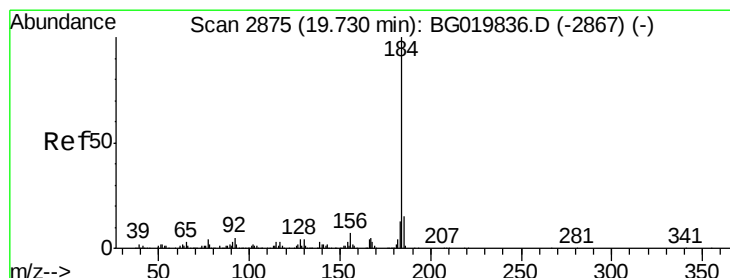
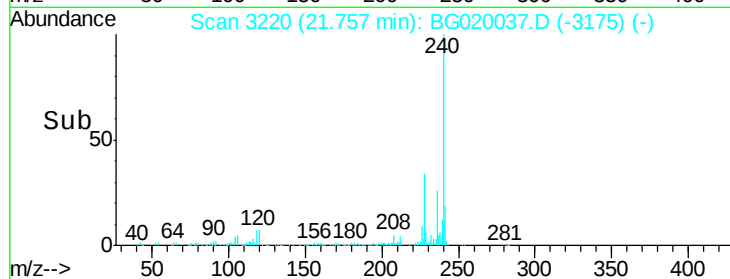
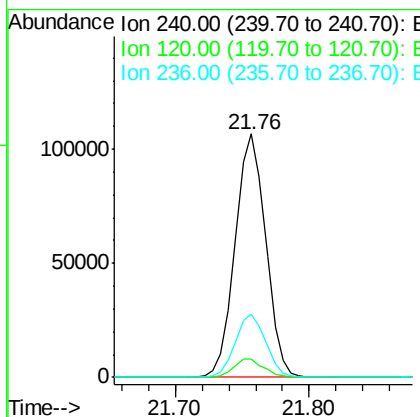
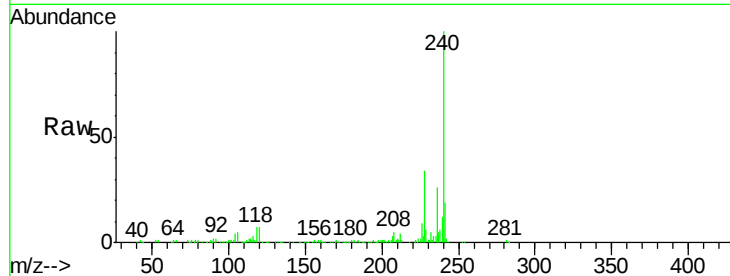




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.04 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

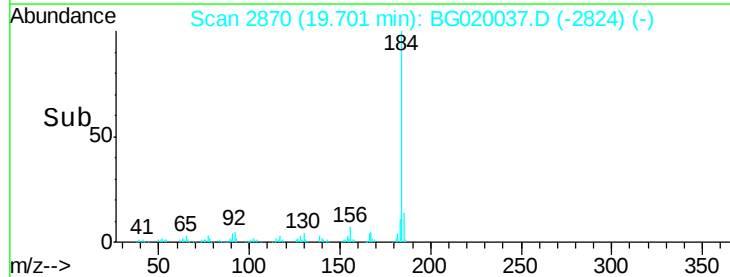
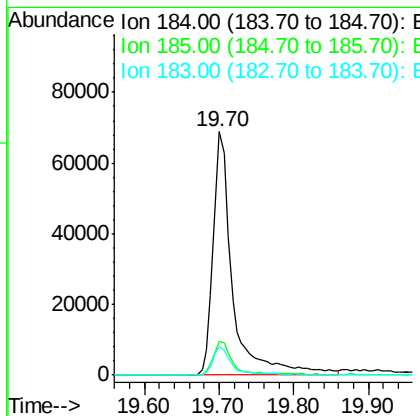
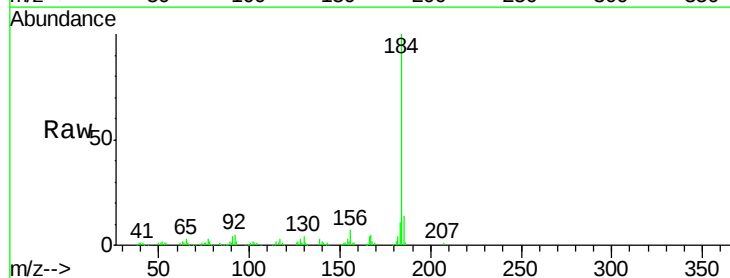
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.4	11.0
236	26.1	20.7	31.1



#76
 Benzidine
 Concen: 22.55 ng
 RT: 19.70 min Scan# 2870
 Delta R.T. -0.03 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.4	20.2
183	11.5	10.1	15.1





#77

Pvrene

Concen: 42.97 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

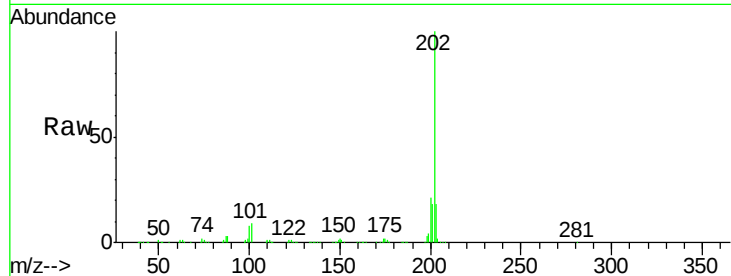
Tot Ion:202 Resp: 429308

Ion Ratio Lower Upper

202 100

200 21.2 19.4 29.0

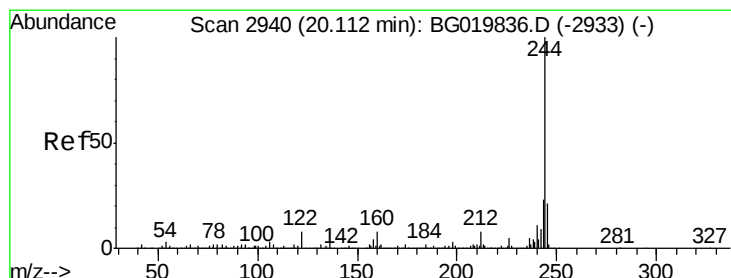
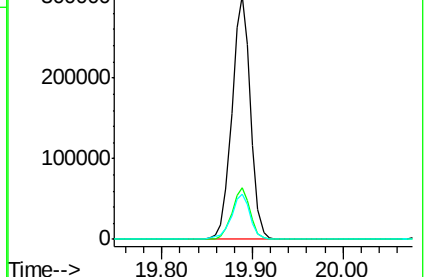
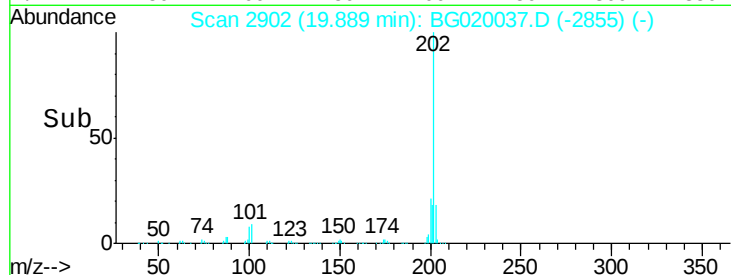
203 18.5 15.5 23.3



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: 85.06 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

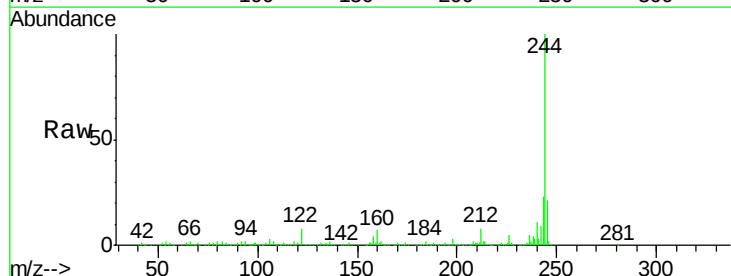
Tgt Ion:244 Resp: 592295

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

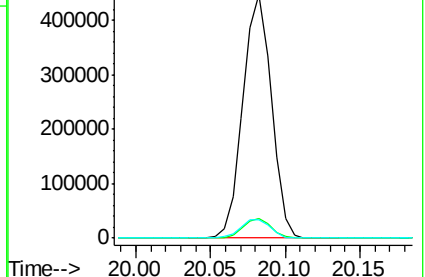
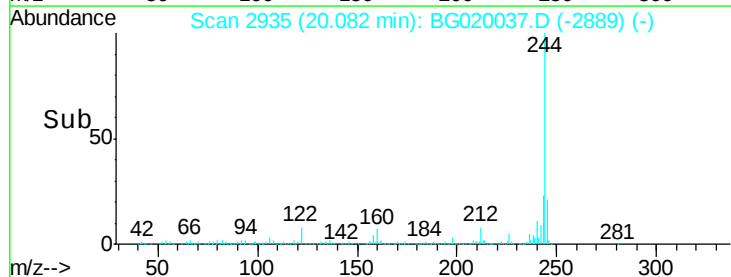
122 7.7 10.2 15.2#

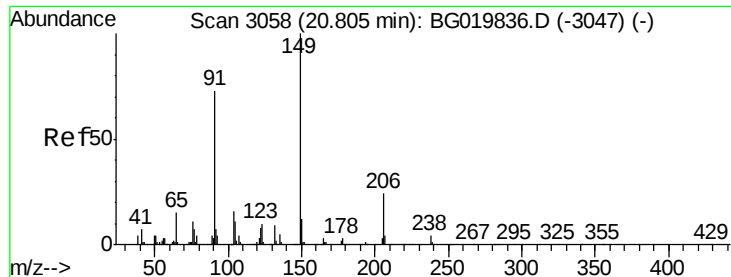


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

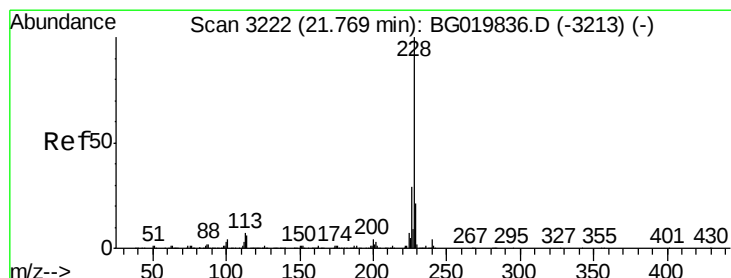
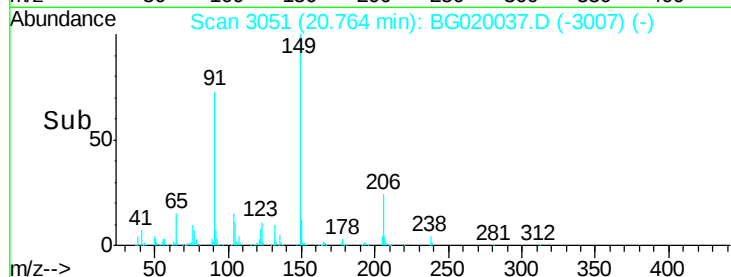
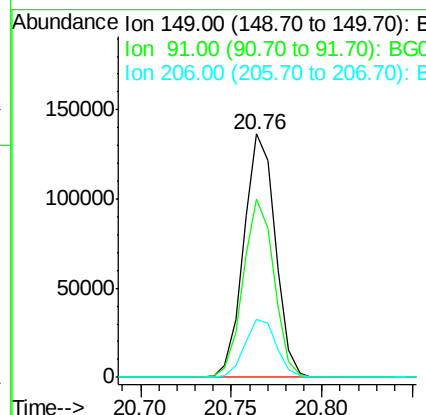
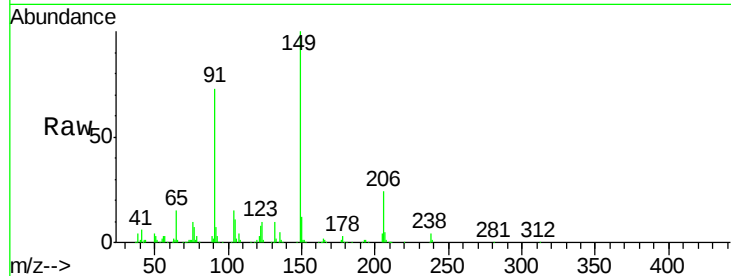




#79
Butylbenzylphthalate
Concen: 42.02 ng
RT: 20.76 min Scan# 3051
Delta R.T. -0.04 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

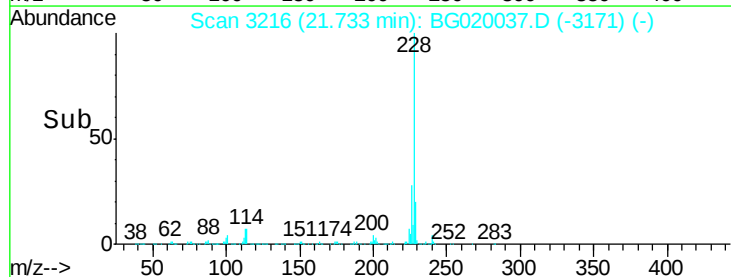
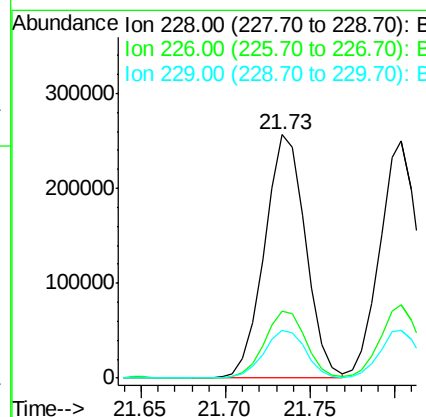
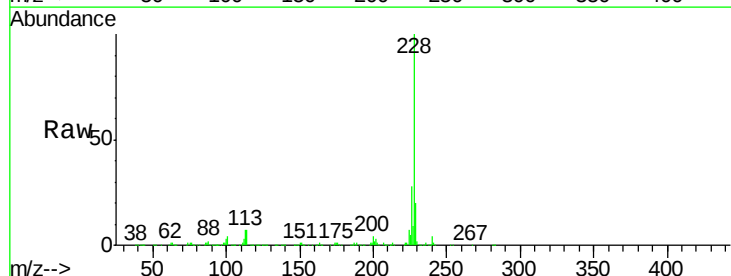
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	58.1	87.1
206	23.8	17.8	26.8



#80
Benzo(a)anthracene
Concen: 41.67 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.04 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.4	35.0
229	19.8	16.6	25.0

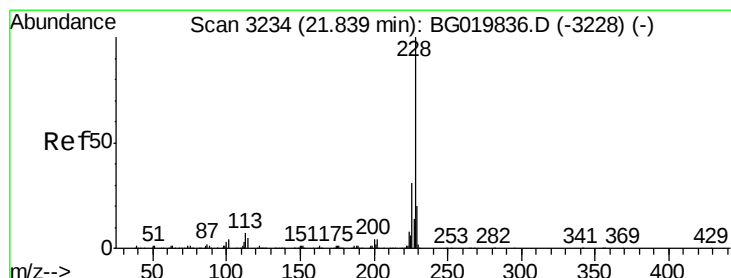
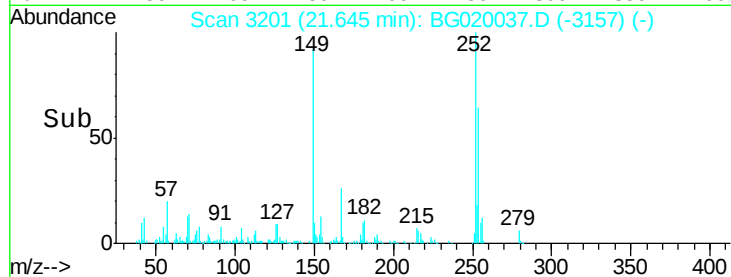
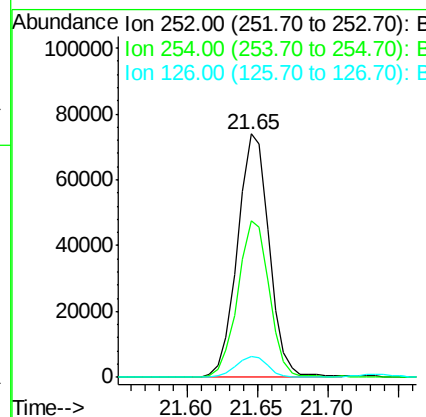
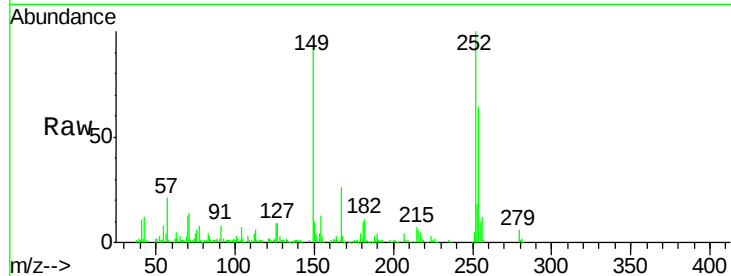




#81
 3,3'-Dichlorobenzidine
 Concen: 29.26 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

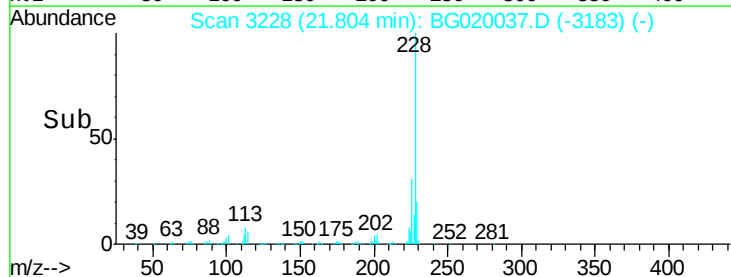
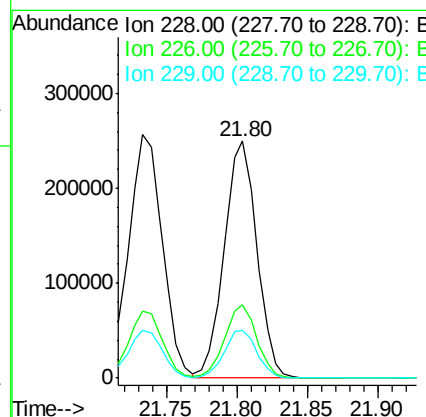
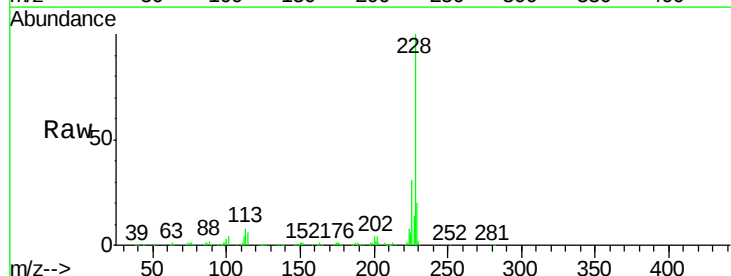
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

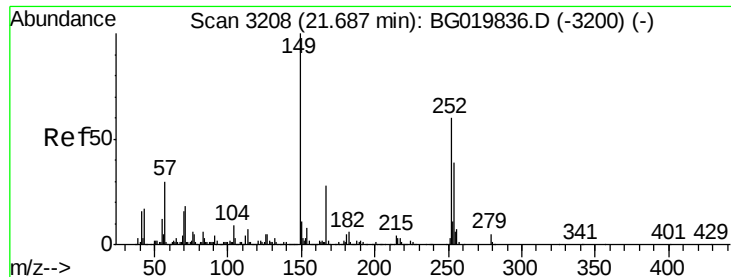
Tot Ion:252 Resp: 115865
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.5 78.7
 126 8.8 8.5 12.7



#82
 Chrysene
 Concen: 40.38 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.04 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion:228 Resp: 398607
 Ion Ratio Lower Upper
 228 100
 226 30.8 26.7 40.1
 229 20.1 17.0 25.6

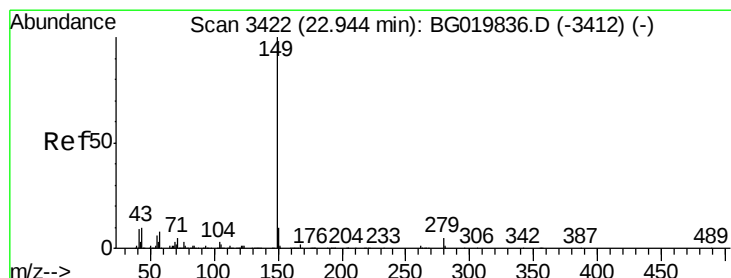
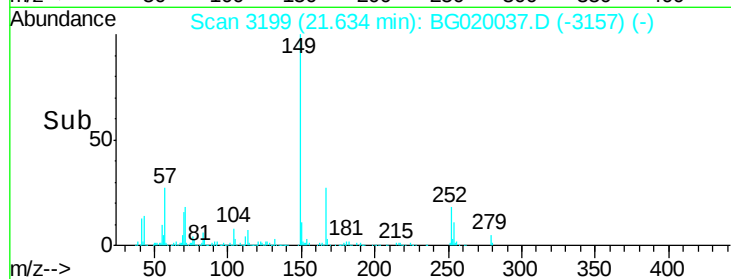
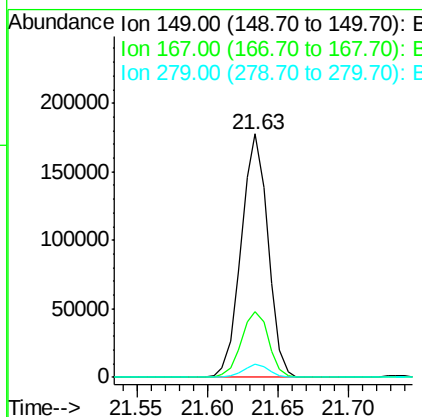
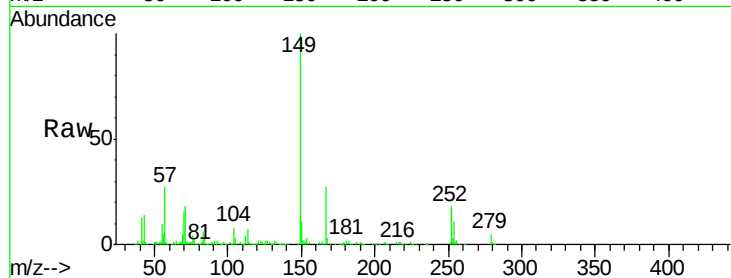




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.97 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.05 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

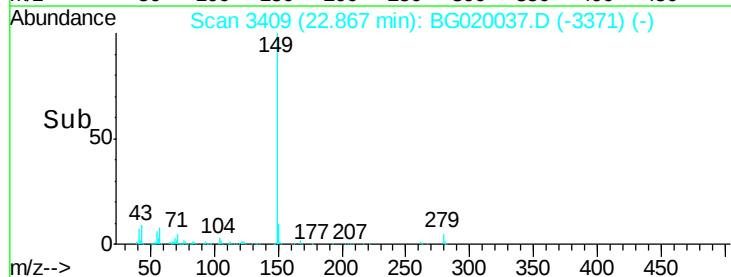
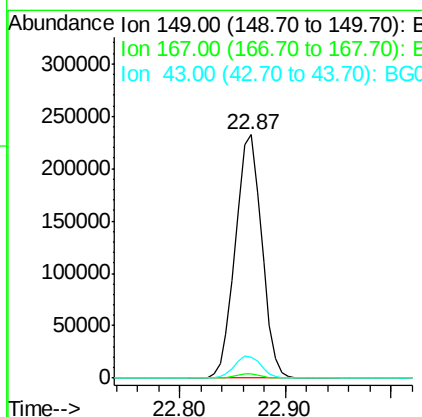
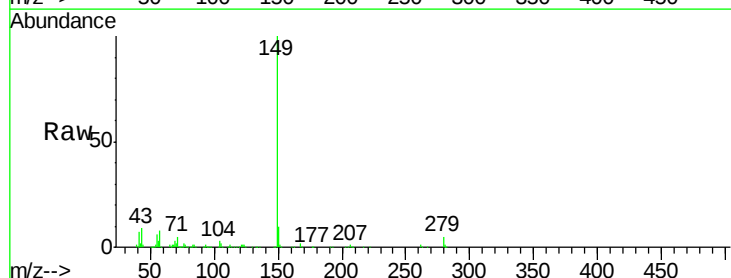
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

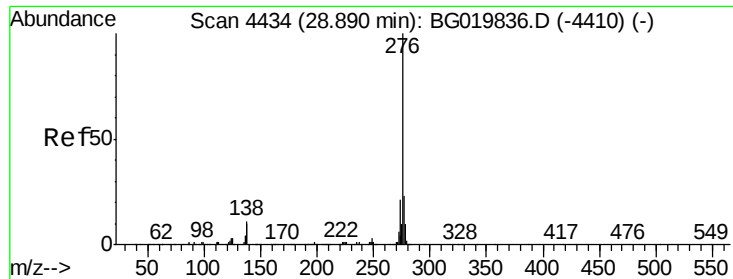
Tot Ion:149 Resp: 235474
 Ion Ratio Lower Upper
 149 100
 167 27.2 23.8 35.8
 279 5.2 3.4 5.2#



#84
 Di-n-octyl phthalate
 Concen: 42.91 ng
 RT: 22.87 min Scan# 3409
 Delta R.T. -0.08 min
 Lab File: BG020037.D
 Acq: 9 Dec 2015 10:41

Tgt Ion:149 Resp: 400954
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.3 5.9 8.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.59 ng

RT: 28.78 min Scan# 4416

Delta R.T. -0.11 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

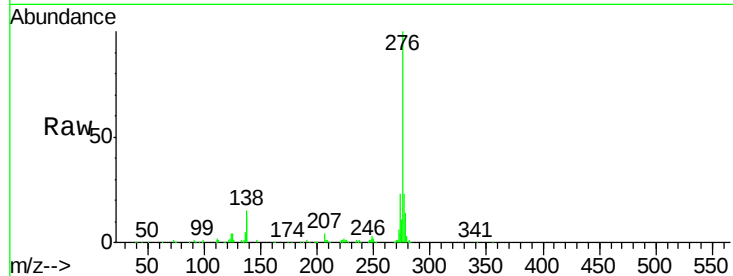
Tot Ion:276 Resp: 473945

Ion Ratio Lower Upper

276 100

138 17.4 0.0 0.0#

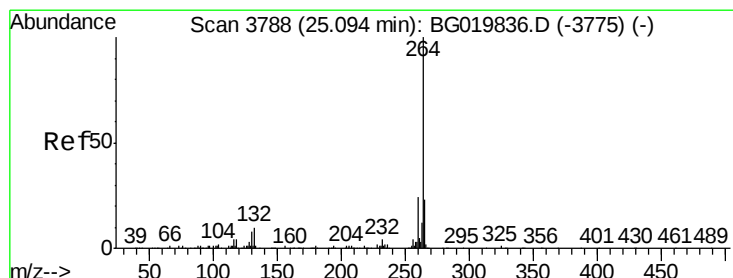
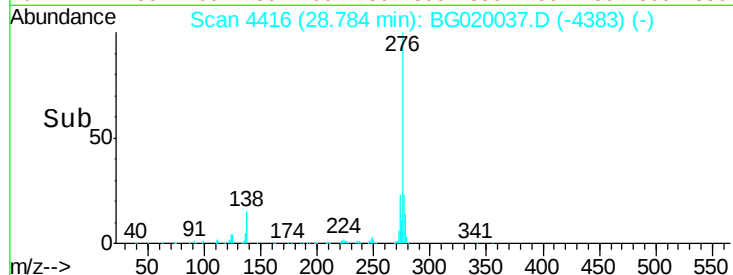
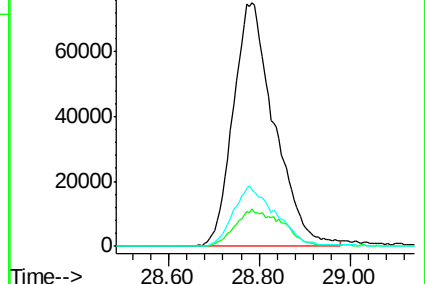
277 25.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

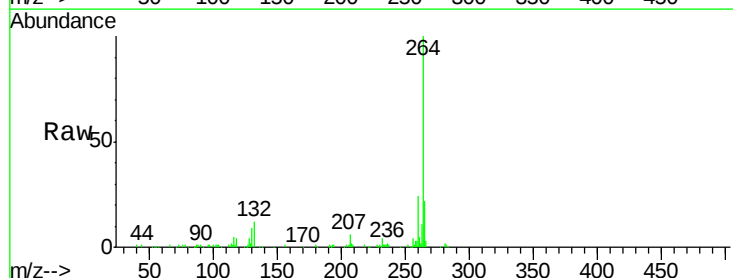
Tgt Ion:264 Resp: 158056

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

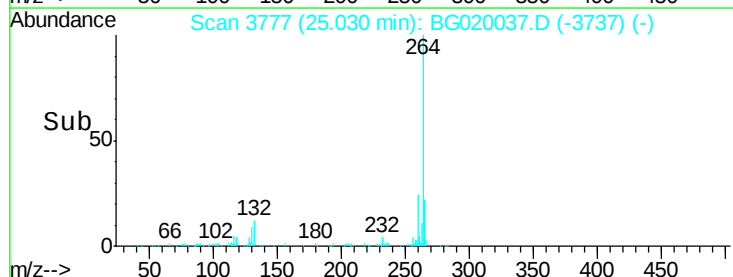
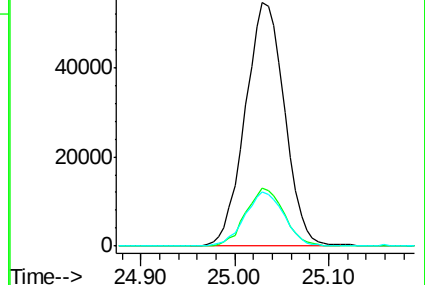
265 22.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

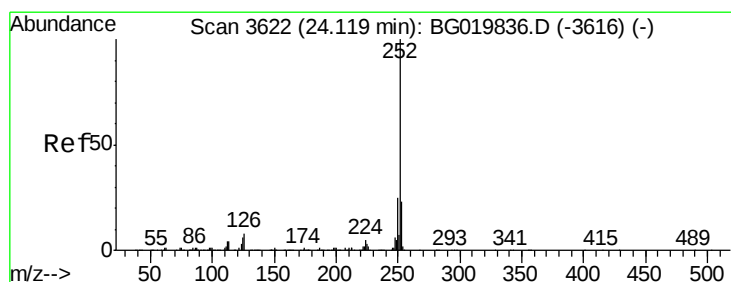
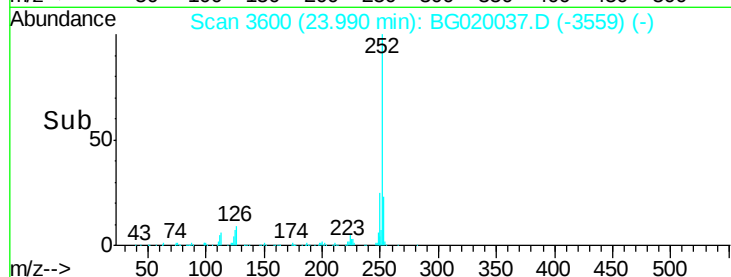
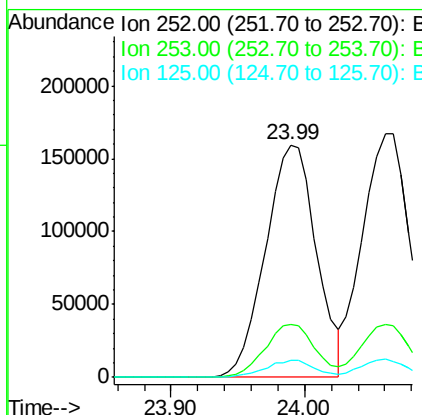
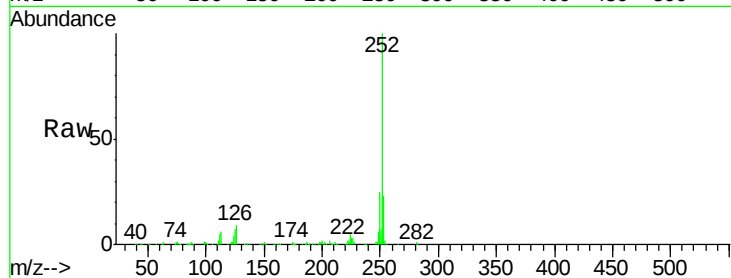




#87
Benzo(b)fluoranthene
Concen: 42.05 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.06 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

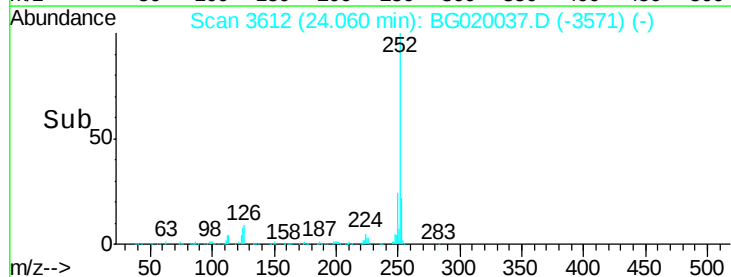
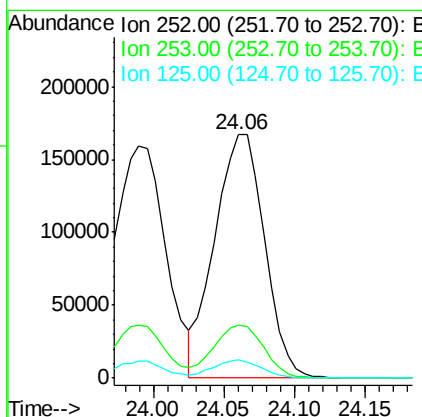
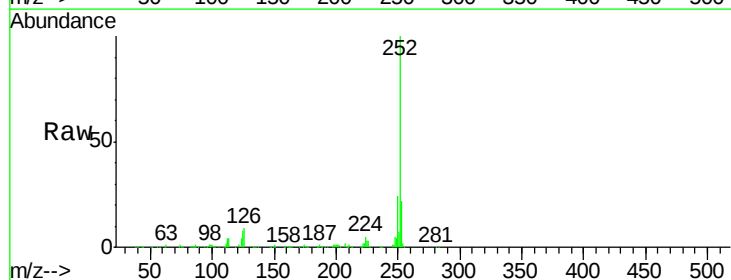
Instrument :
BNA_G
ClientSampleId :
PB87054BSD

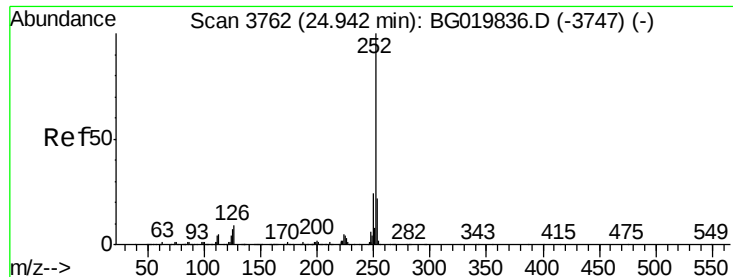
Tot Ion:252 Resp: 421223
Ion Ratio Lower Upper
252 100
253 22.6 19.1 28.7
125 7.3 8.9 13.3#



#88
Benzo(k)fluoranthene
Concen: 41.19 ng
RT: 24.06 min Scan# 3612
Delta R.T. -0.06 min
Lab File: BG020037.D
Acq: 9 Dec 2015 10:41

Tgt Ion:252 Resp: 408631
Ion Ratio Lower Upper
252 100
253 21.9 19.0 28.4
125 7.6 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 42.71 ng

RT: 24.88 min Scan# 3751

Delta R.T. -0.06 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

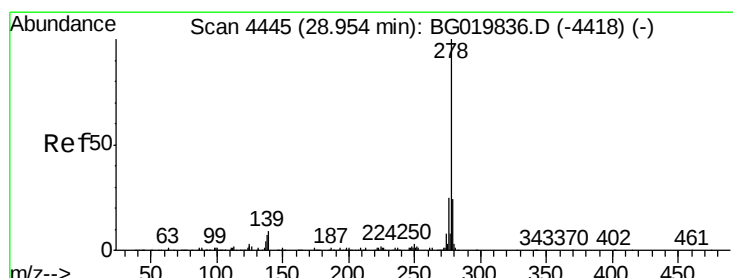
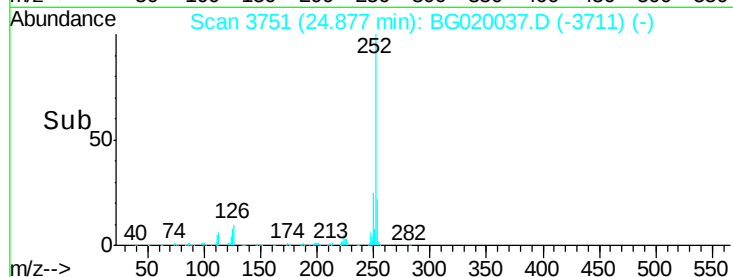
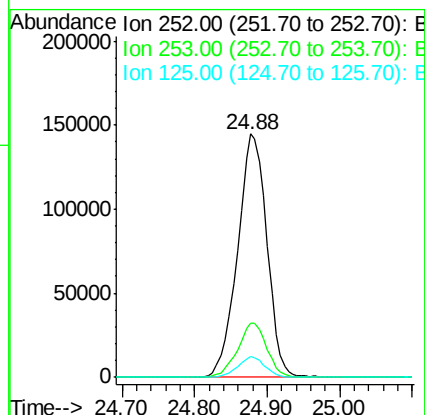
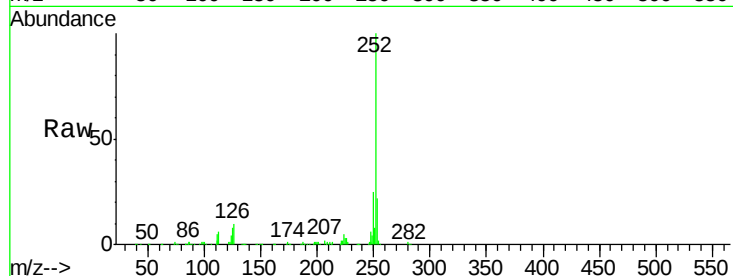
Tot Ion:252 Resp: 406229

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

125 8.4 9.1 13.7#



#90

Dibenzo(a,h)anthracene

Concen: 42.09 ng

RT: 28.84 min Scan# 4426

Delta R.T. -0.11 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

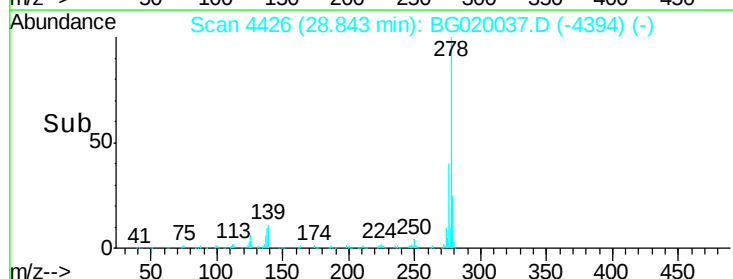
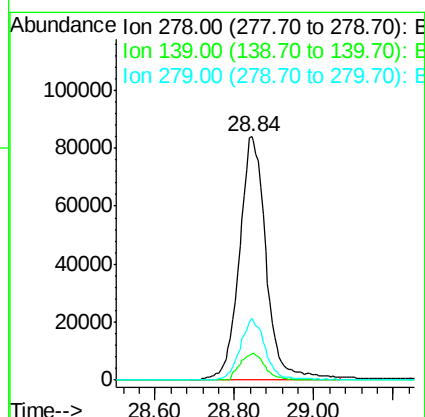
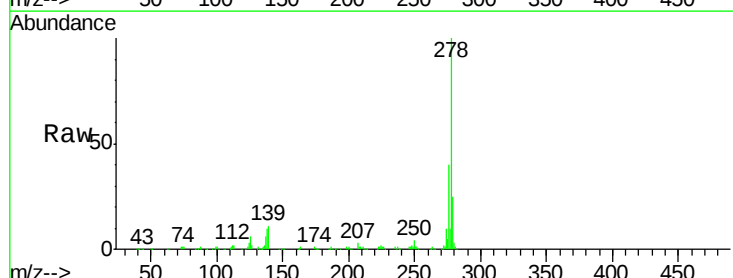
Tgt Ion:278 Resp: 395489

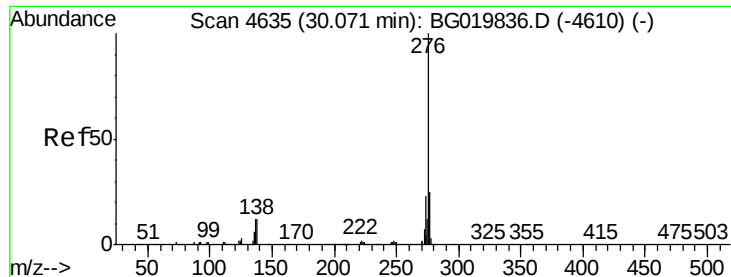
Ion Ratio Lower Upper

278 100

139 10.7 13.8 20.6#

279 25.3 19.4 29.0





#91

Benzo(a,h,i)perylene

Concen: 42.00 ng

RT: 29.95 min Scan# 4614

Delta R.T. -0.12 min

Lab File: BG020037.D

Acq: 9 Dec 2015 10:41

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

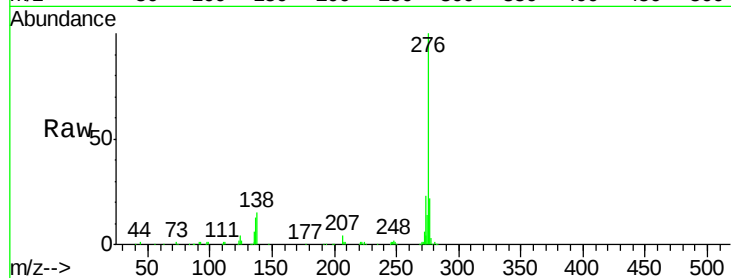
Tot Ion: 276 Resp: 387492

Ion Ratio Lower Upper

276 100

277 22.0 18.4 27.6

138 14.8 17.4 26.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

