

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
 Data File : BG044801.D
 Acq On : 14 Mar 2020 19:02
 Operator : CG/JU
 Sample : PB127536BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Quant Time: Mar 16 01:37:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	101246	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	411611	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	276836	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	595694	20.00	ng	0.00
76) Chrysene-d12	21.70	240	499599	20.00	ng	0.00
87) Perylene-d12	24.92	264	576800	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	944324	145.19	ng	0.00
7) Phenol-d6	7.21	99	1297205	137.27	ng	0.00
23) Nitrobenzene-d5	9.21	82	876066	93.40	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	529059	145.96	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1784339	92.30	ng	0.00
79) Terphenyl-d14	20.04	244	2546339	95.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	112625	35.96	ng	97
3) Pyridine	3.91	79	292576	31.56	ng	100
4) n-Nitrosodimethylamine	3.82	42	156074	44.37	ng	96
6) Aniline	7.37	93	465363	39.58	ng	94
8) 2-Chlorophenol	7.61	128	359629	55.39	ng	98
9) Benzaldehyde	7.18	77	288880	56.19	ng	94
10) Phenol	7.24	94	484440	51.78	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	347264	46.51	ng	97
12) 1,3-Dichlorobenzene	7.94	146	372213	46.54	ng	95
13) 1,4-Dichlorobenzene	8.08	146	377421	47.73	ng	98
14) 1,2-Dichlorobenzene	8.41	146	357454	47.67	ng	96
15) Benzyl Alcohol	8.28	79	380088	50.13	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	538778	40.89	ng	99
17) 2-Methylphenol	8.49	107	330584	52.17	ng	92
18) Hexachloroethane	9.14	117	144961	46.57	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	300786	45.08	ng	# 97
20) 3+4-Methylphenols	8.82	107	457793	52.40	ng	98
22) Acetophenone	8.87	105	542263	46.50	ng	# 99
24) Nitrobenzene	9.25	77	466141	47.89	ng	99
25) Isophorone	9.78	82	844544	46.13	ng	99
26) 2-Nitrophenol	9.96	139	196269	56.93	ng	94
27) 2,4-Dimethylphenol	10.03	122	338960	56.86	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	484158	44.31	ng	96
29) 2,4-Dichlorophenol	10.51	162	365903	52.55	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	401083	48.17	ng	99
31) Naphthalene	10.91	128	1091998	47.89	ng	98
32) Benzoic acid	10.17	122	244452	51.70	ng	94
33) 4-Chloroaniline	11.01	127	291151	28.34	ng	99
34) Hexachlorobutadiene	11.21	225	255533	46.67	ng	97
35) Caprolactam	11.79	113	80014	30.35	ng	93
36) 4-Chloro-3-methylphenol	12.13	107	420941	50.69	ng	96
37) 2-Methylnaphthalene	12.51	142	830525	48.69	ng	98
38) 1-Methylnaphthalene	12.74	142	782672	48.81	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	453483	49.74	ng	99

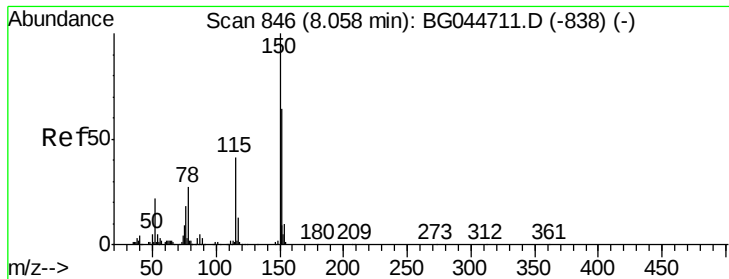
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	264174	53.02	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	321644	53.16	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	334546	53.32	ng	96
46) 1,1'-Biphenyl	13.53	154	1024045	46.29	ng	97
47) 2-Chloronaphthalene	13.57	162	790015	46.75	ng	100
48) 2-Nitroaniline	13.75	65	296551	50.12	ng	99
49) Acenaphthylene	14.41	152	1297568	49.01	ng	99
50) Dimethylphthalate	14.14	163	999466	45.33	ng	100
51) 2,6-Dinitrotoluene	14.25	165	235820	53.06	ng	96
52) Acenaphthene	14.75	154	841302	48.52	ng	98
53) 3-Nitroaniline	14.58	138	193954	37.96	ng	99
54) 2,4-Dinitrophenol	14.78	184	121767	55.30	ng	# 70
55) Dibenzofuran	15.08	168	1218143	48.45	ng	99
56) 4-Nitrophenol	14.89	139	395923	101.53	ng	98
57) 2,4-Dinitrotoluene	15.04	165	322624	52.93	ng	92
58) Fluorene	15.73	166	991354	47.93	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	312411	54.08	ng	93
60) Diethylphthalate	15.51	149	1036863	45.09	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	539990	48.48	ng	97
62) 4-Nitroaniline	15.74	138	222454	40.83	ng	98
63) Azobenzene	16.02	77	1090159	45.65	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	101147	38.00	ng	97
66) n-Nitrosodiphenylamine	15.94	169	888798	49.56	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	368113	49.43	ng	95
68) Hexachlorobenzene	16.74	284	401873	49.74	ng	99
69) Atrazine	16.89	200	342157	52.07	ng	99
70) Pentachlorophenol	17.09	266	486258	109.39	ng	96
71) Phenanthrene	17.47	178	1536266	48.26	ng	98
72) Anthracene	17.57	178	1564922	49.86	ng	99
73) Carbazole	17.83	167	1451255	48.13	ng	99
74) Di-n-butylphthalate	18.40	149	1706246	46.55	ng	99
75) Fluoranthene	19.48	202	1827472	48.22	ng	99
77) Benzidine	19.65	184	1369523	84.44	ng	98
78) Pyrene	19.84	202	1809952	49.38	ng	98
80) Butylbenzylphthalate	20.73	149	781403	47.92	ng	98
81) Benzo(a)anthracene	21.68	228	1768091	49.15	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	630978	45.34	ng	99
83) Chrysene	21.75	228	1660177	48.31	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	1078978	47.94	ng	# 98
85) Di-n-octyl phthalate	22.83	149	1849708	49.12	ng	99
86) Indeno(1,2,3-cd)pyrene	28.58	276	2070761	45.96	ng	# 93
88) Benzo(b)fluoranthene	23.91	252	1849283	48.56	ng	99
89) Benzo(k)fluoranthene	23.97	252	1780033	49.40	ng	98
90) Benzo(a)pyrene	24.77	252	1704376	47.83	ng	99
91) Dibenzo(a,h)anthracene	28.65	278	1708609	48.61	ng	97
92) Benzo(g,h,i)perylene	29.72	276	1552531	43.72	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

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BNA_G

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PB127536BS

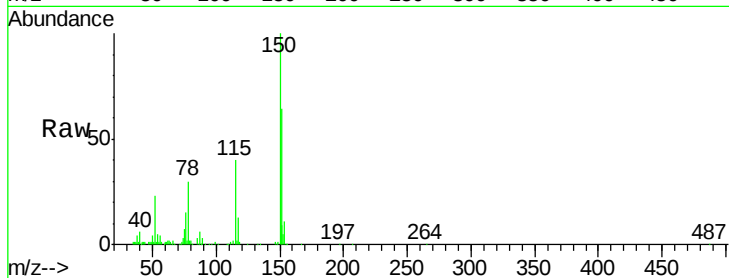
Tgt Ion:152 Resp: 101246

Ion Ratio Lower Upper

152 100

150 155.5 125.3 187.9

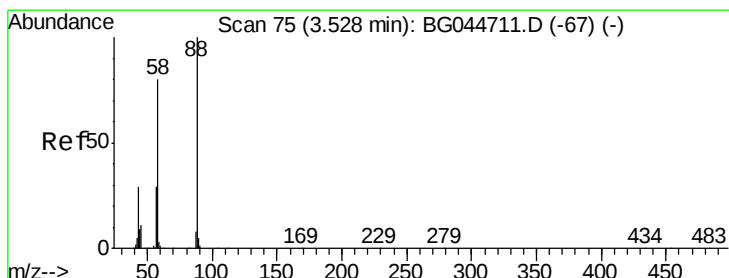
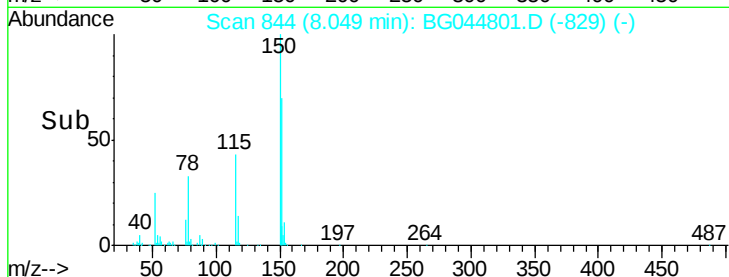
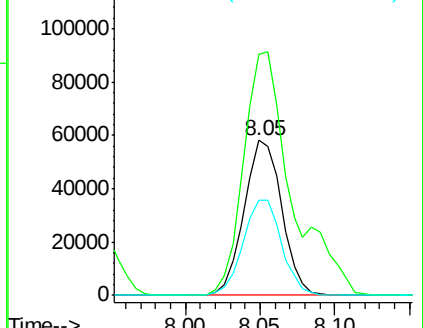
115 61.4 51.7 77.5



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: 35.96 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

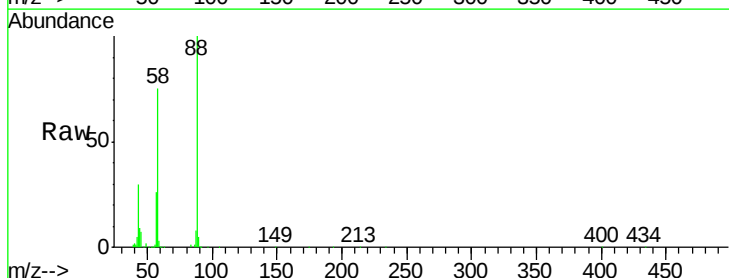
Tgt Ion: 88 Resp: 112625

Ion Ratio Lower Upper

88 100

58 75.6 63.0 94.4

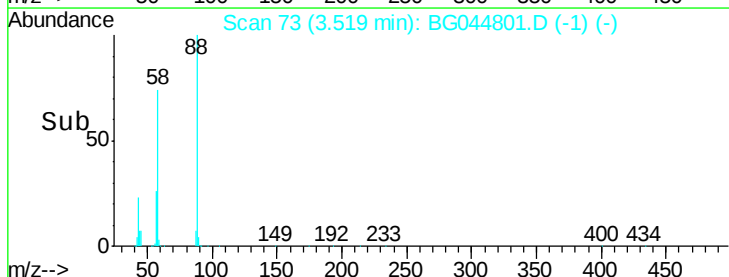
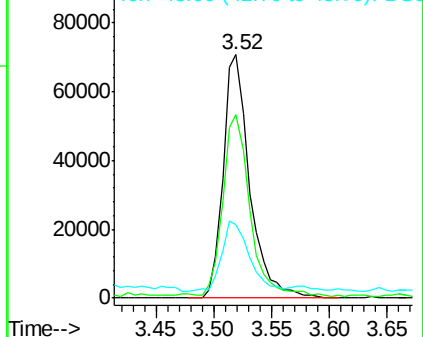
43 28.8 23.2 34.8

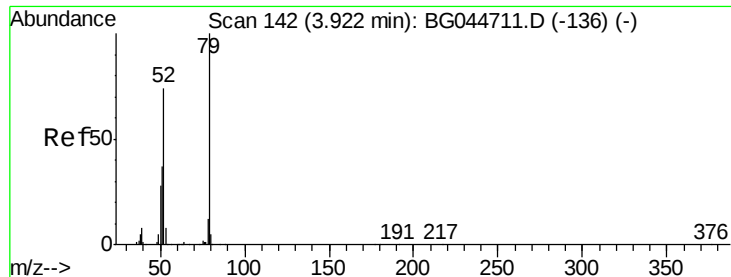


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.56 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

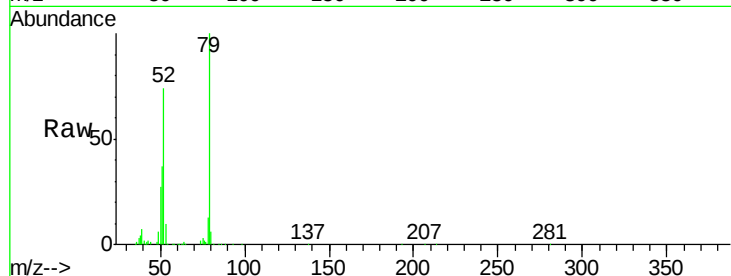
Tgt Ion: 79 Resp: 292576

Ion Ratio Lower Upper

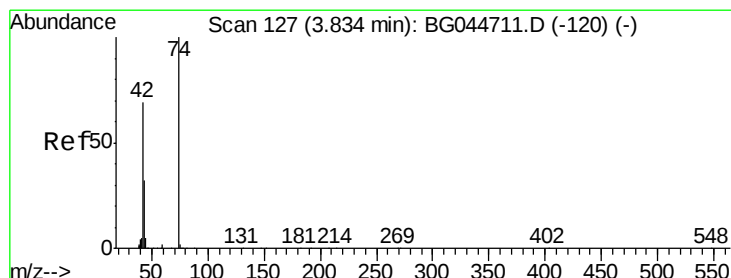
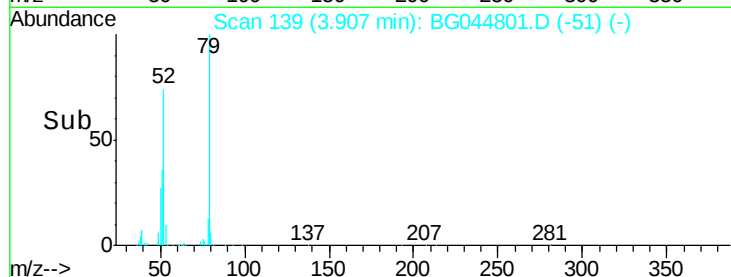
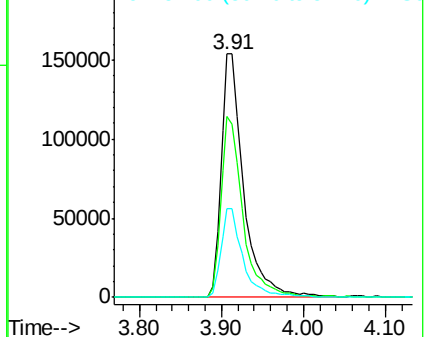
79 100

52 74.2 59.4 89.2

51 36.6 29.7 44.5



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



#4

n-Nitrosodimethylamine

Concen: 44.37 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

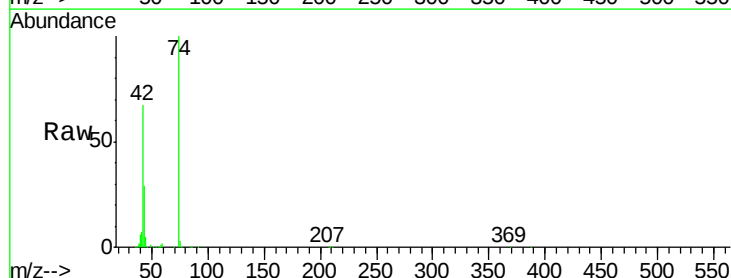
Tgt Ion: 42 Resp: 156074

Ion Ratio Lower Upper

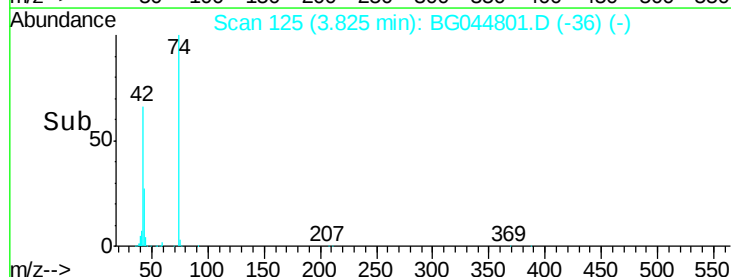
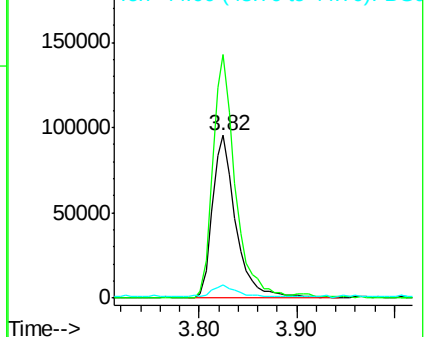
42 100

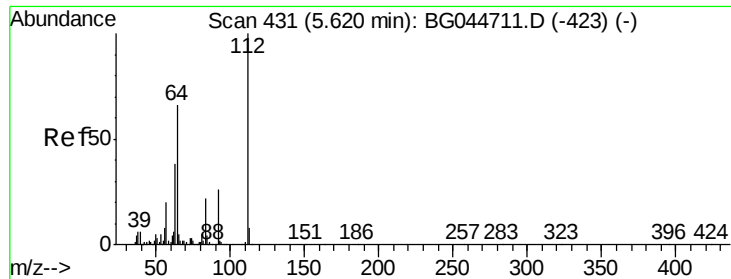
74 149.7 116.1 174.1

44 7.9 7.1 10.7



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





#5

2-Fluorophenol

Concen: 145.19 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

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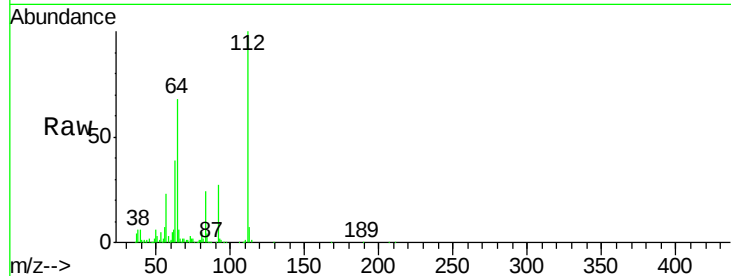
Tgt Ion: 112 Resp: 944324

Ion Ratio Lower Upper

112 100

64 68.3 52.6 78.8

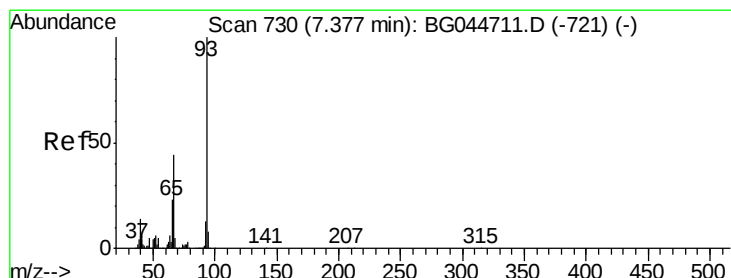
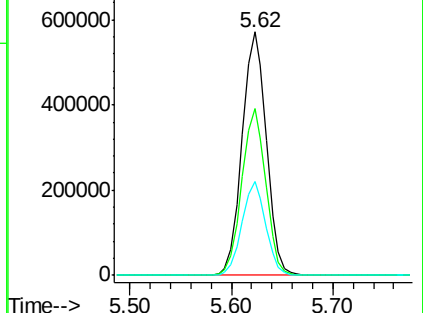
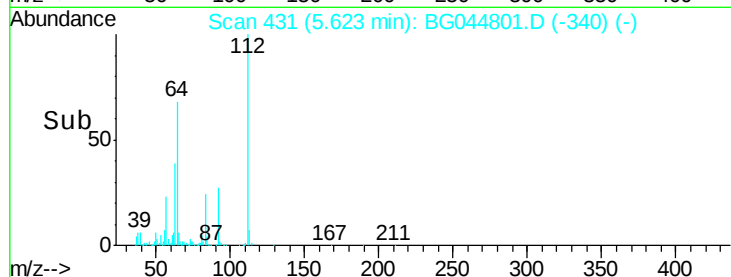
63 38.7 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.58 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

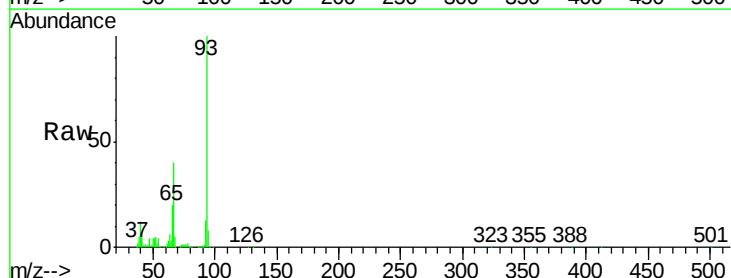
Tgt Ion: 93 Resp: 465363

Ion Ratio Lower Upper

93 100

66 39.9 35.3 52.9

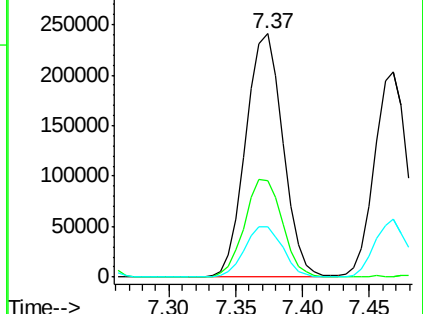
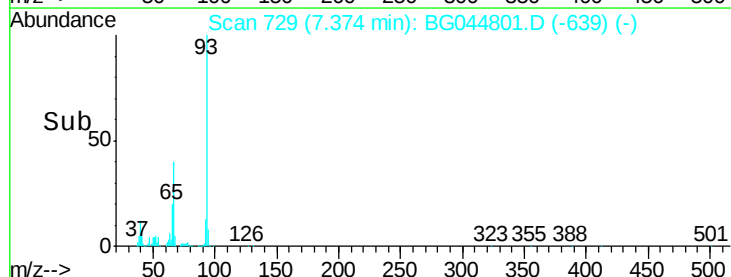
65 20.4 18.2 27.4

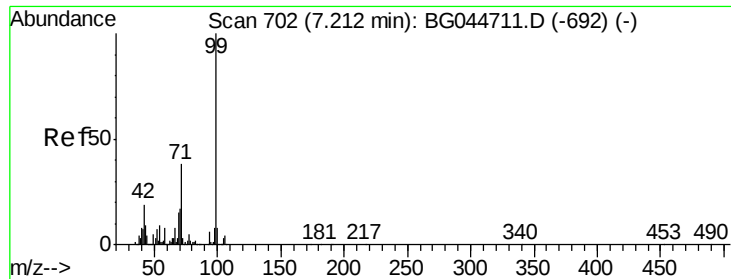


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.27 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

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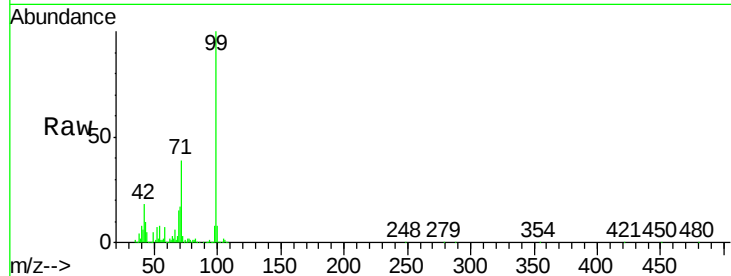
Tgt Ion: 99 Resp: 1297205

Ion Ratio Lower Upper

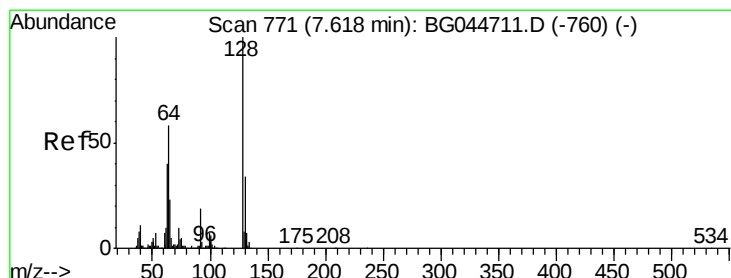
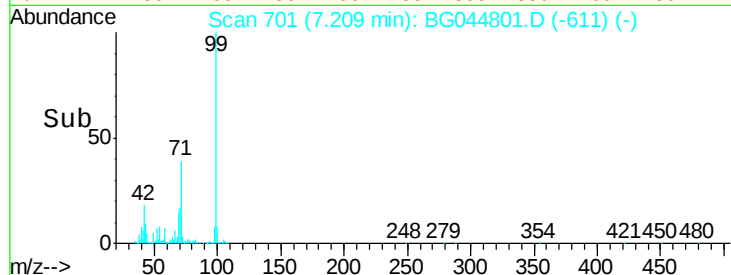
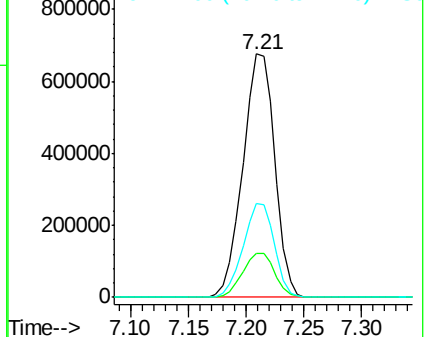
99 100

42 18.3 15.4 23.0

71 38.7 30.2 45.4



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: 55.39 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

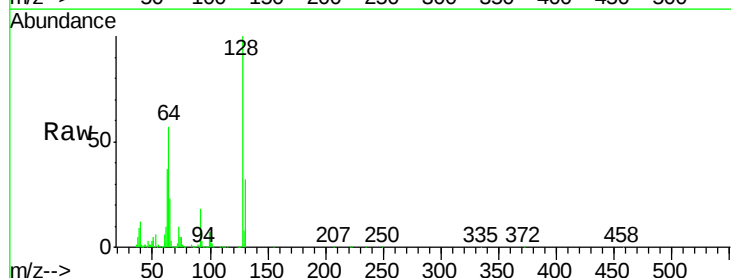
Tgt Ion: 128 Resp: 359629

Ion Ratio Lower Upper

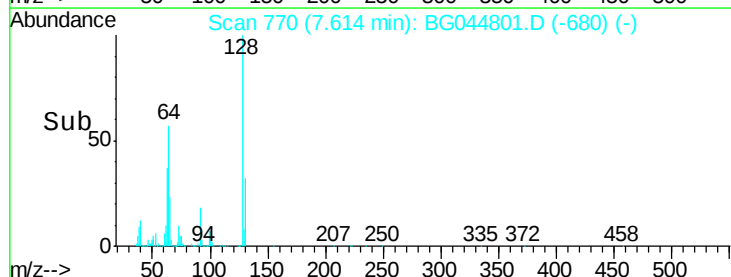
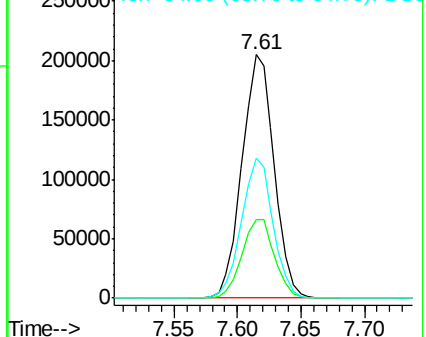
128 100

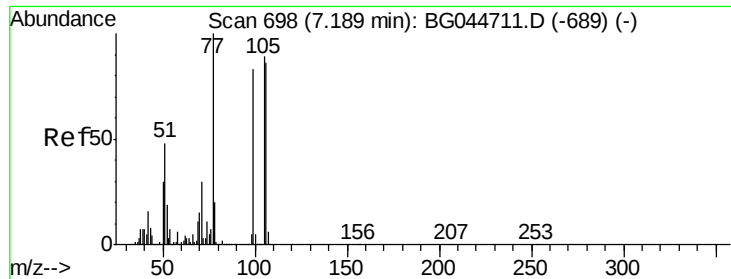
130 32.0 13.6 53.6

64 57.4 38.6 78.6



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





#9

Benzaldehyde

Concen: 56.19 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

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ClientSampleId :

PB127536BS

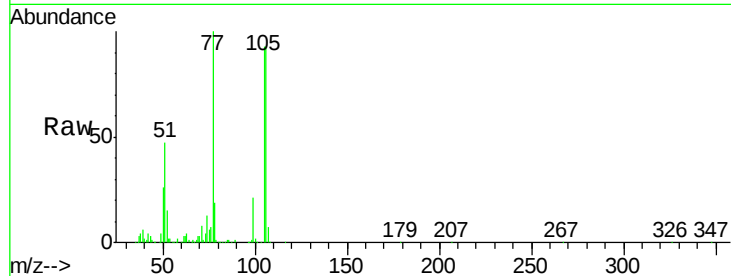
Tgt Ion: 77 Resp: 288880

Ion Ratio Lower Upper

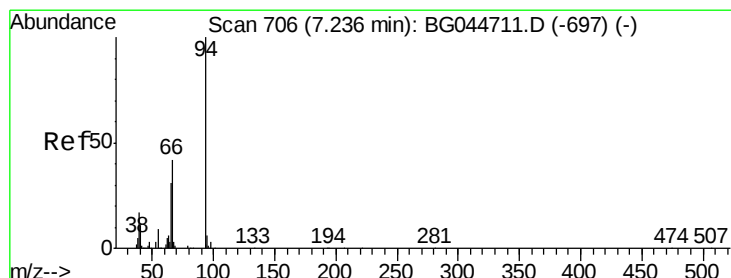
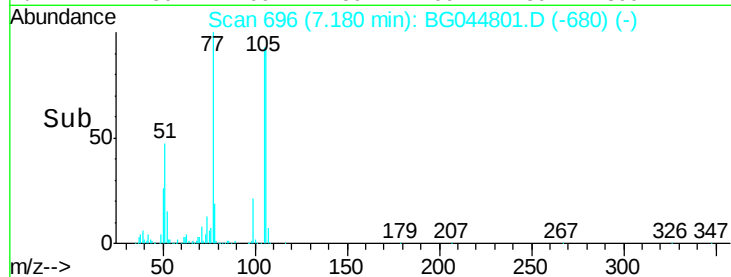
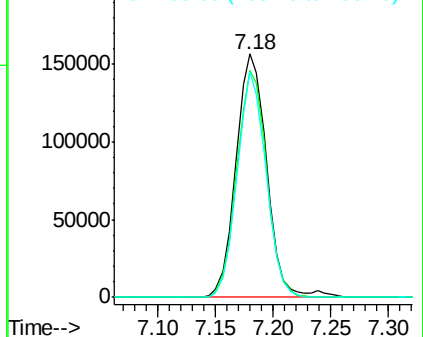
77 100

105 93.1 68.6 108.6

106 92.6 65.9 105.9



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: 51.78 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

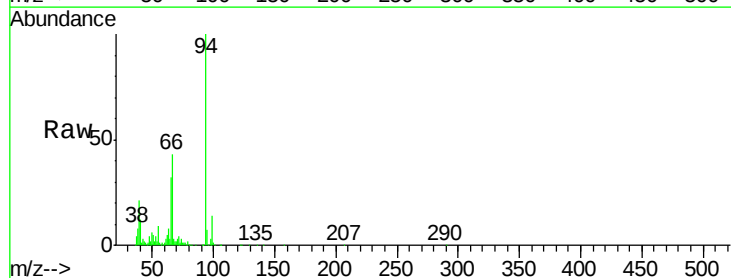
Tgt Ion: 94 Resp: 484440

Ion Ratio Lower Upper

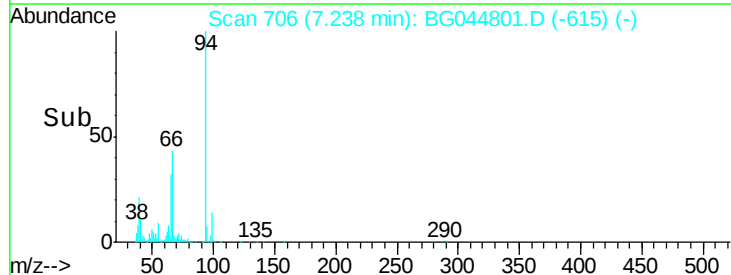
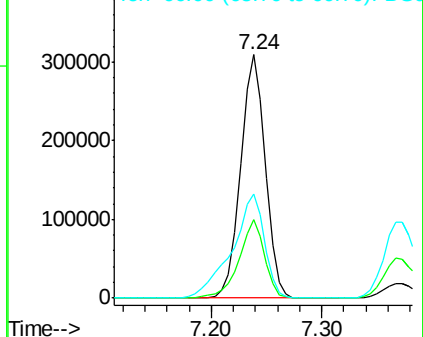
94 100

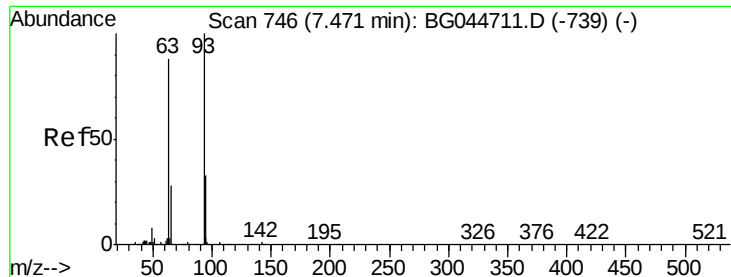
65 32.4 11.3 51.3

66 42.6 22.9 62.9



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

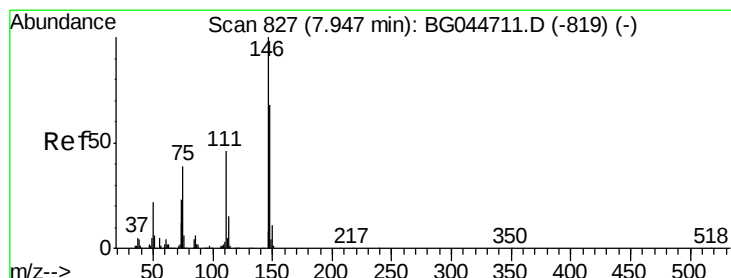
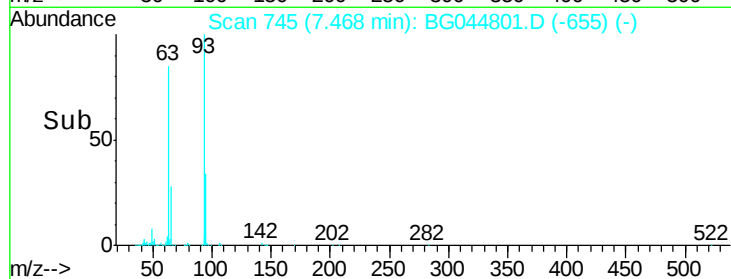
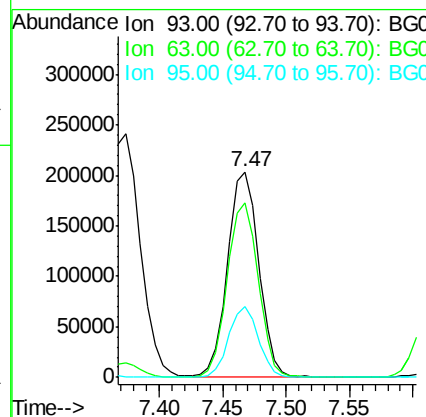
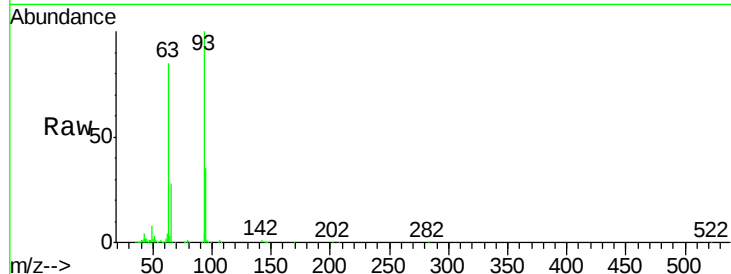




#11
bis(2-Chloroethyl)ether
Concen: 46.51 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

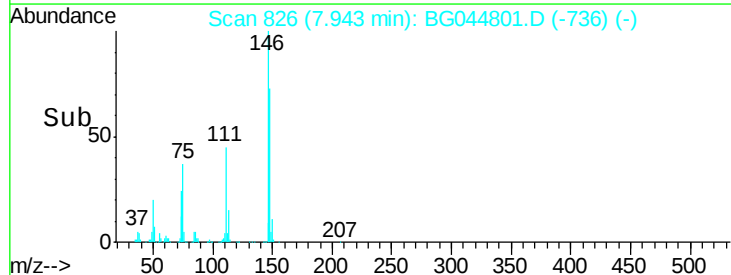
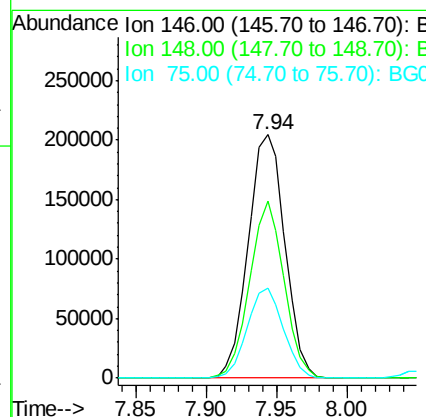
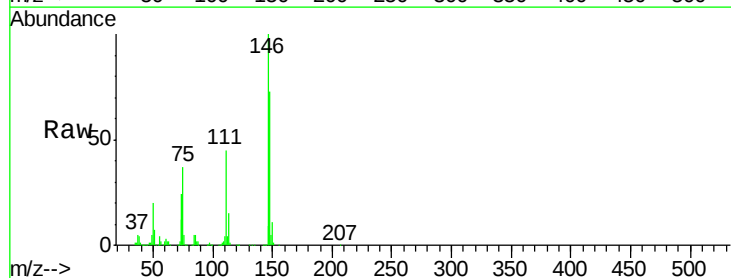
Instrument :
BNA_G
ClientSampleId :
PB127536BS

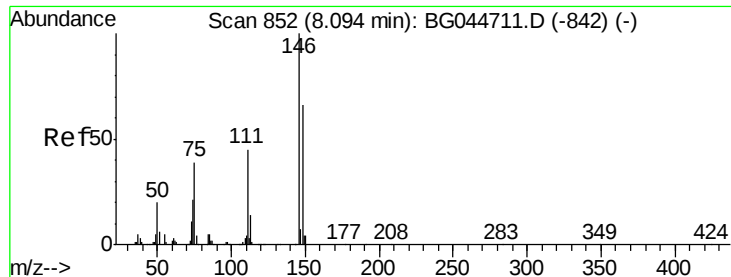
Tgt Ion: 93 Resp: 347264
Ion Ratio Lower Upper
93 100
63 85.2 68.1 108.1
95 34.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.54 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion: 146 Resp: 372213
Ion Ratio Lower Upper
146 100
148 72.6 54.2 81.2
75 37.0 31.3 46.9

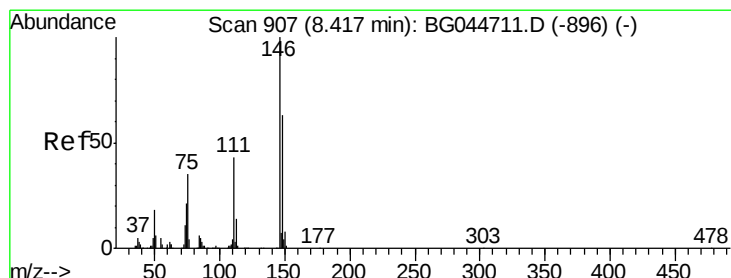
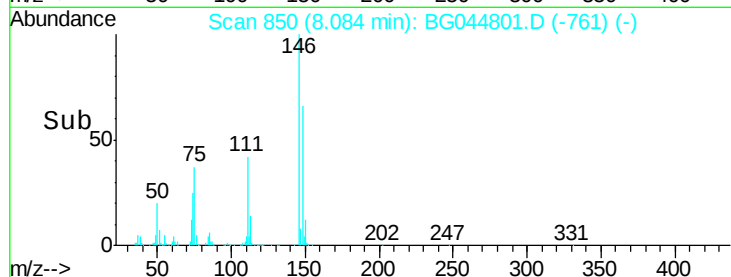
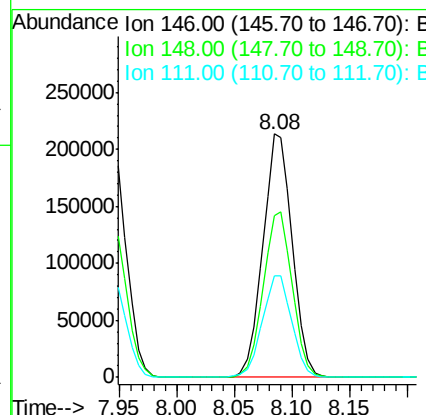
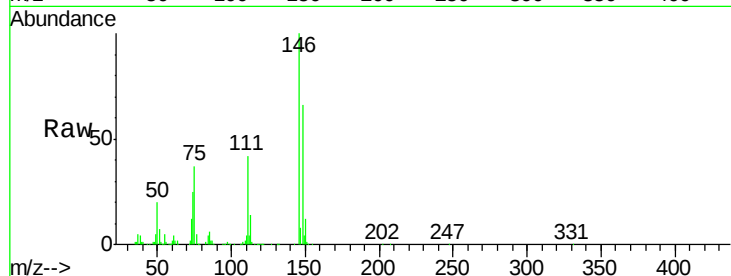




#13
 1,4-Dichlorobenzene
 Concen: 47.73 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

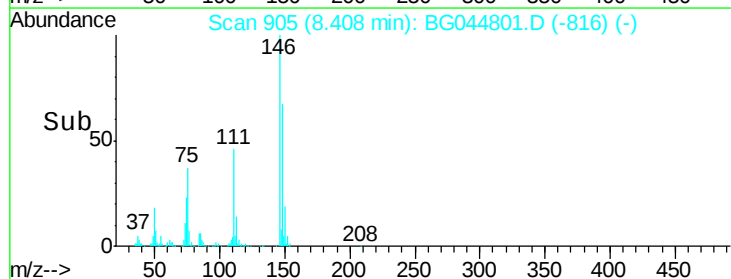
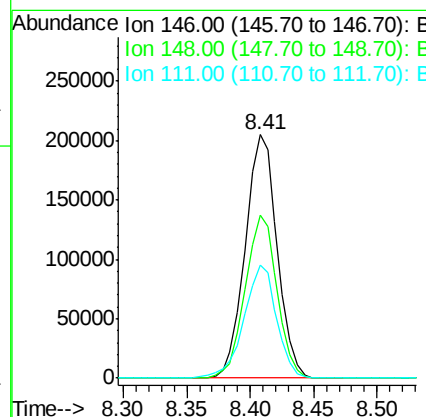
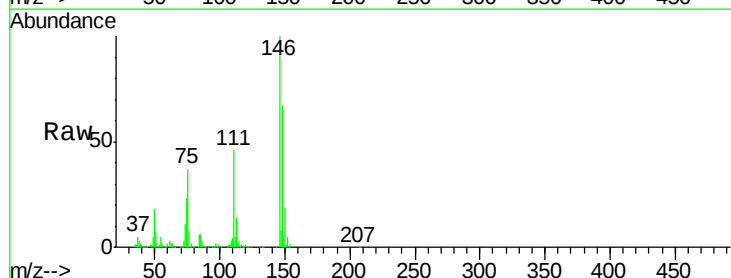
Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

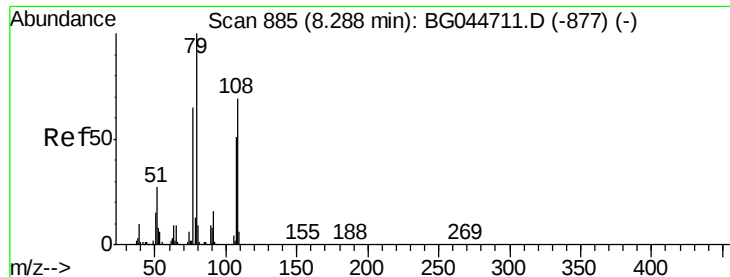
Tgt Ion:146 Resp: 377421
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.9 79.3
 111 41.6 35.6 53.4



#14
 1,2-Dichlorobenzene
 Concen: 47.67 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion:146 Resp: 357454
 Ion Ratio Lower Upper
 146 100
 148 67.0 50.8 76.2
 111 46.2 34.8 52.2





#15

Benzyl Alcohol

Concen: 50.13 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

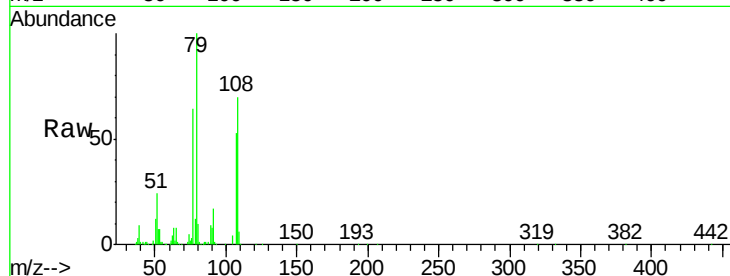
Tgt Ion: 79 Resp: 380088

Ion Ratio Lower Upper

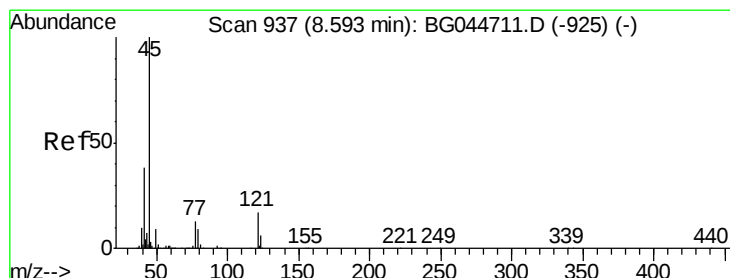
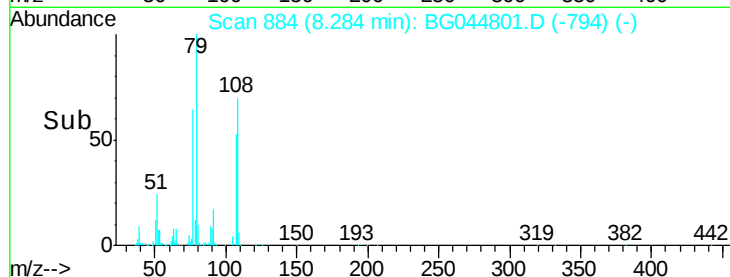
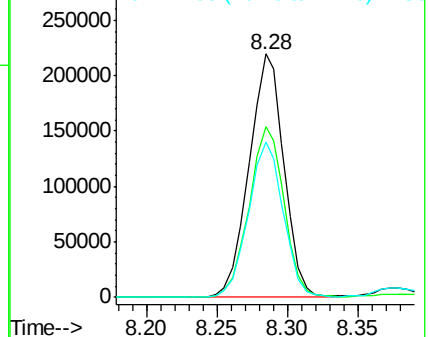
79 100

108 69.9 55.4 83.0

77 63.6 52.2 78.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.89 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

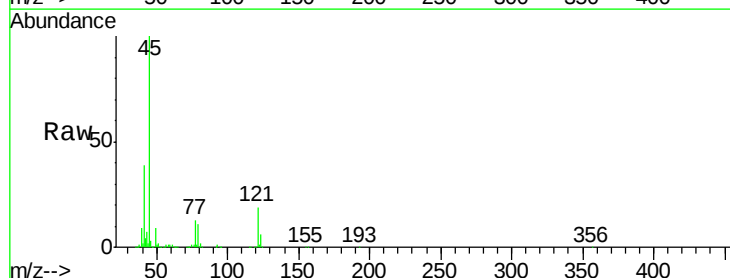
Tgt Ion: 45 Resp: 538778

Ion Ratio Lower Upper

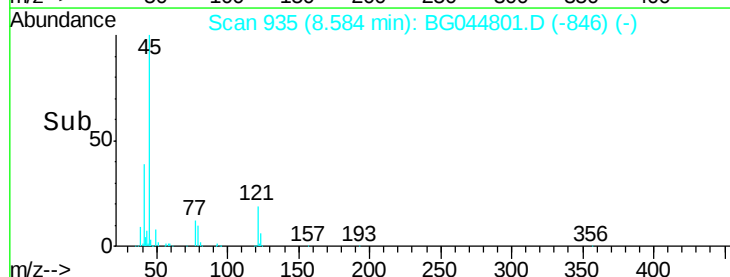
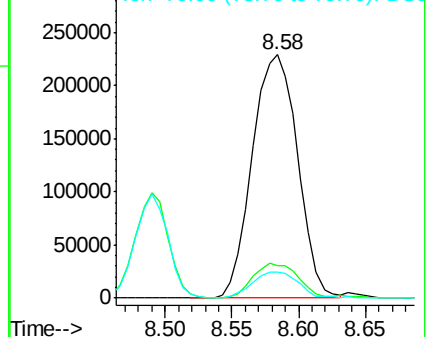
45 100

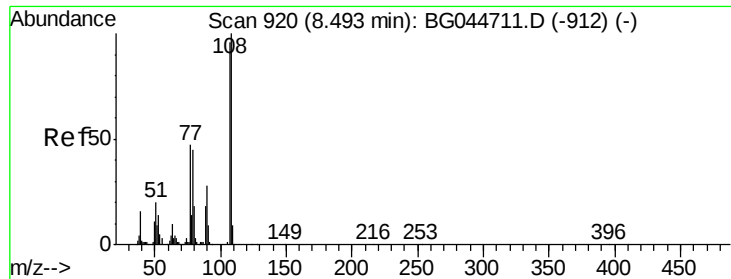
77 13.4 0.0 33.4

79 10.6 0.0 30.0



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

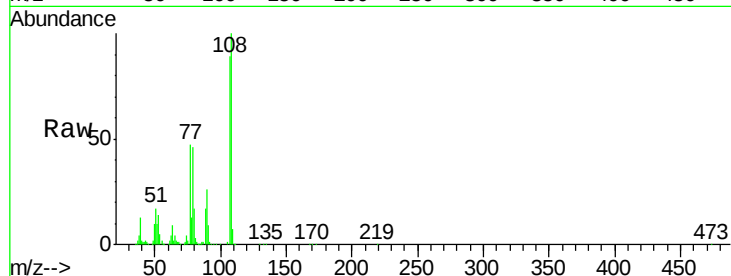




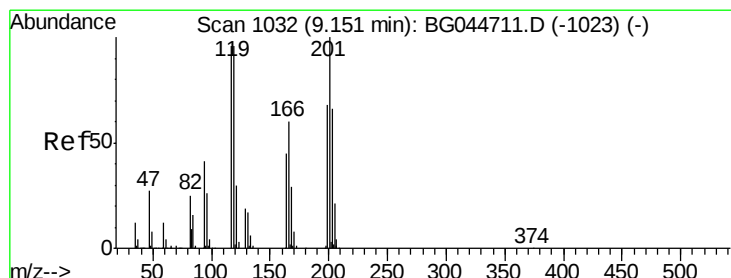
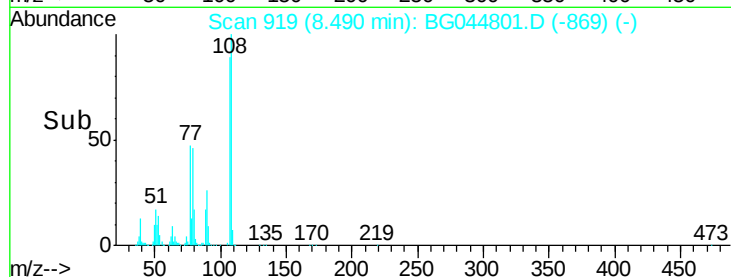
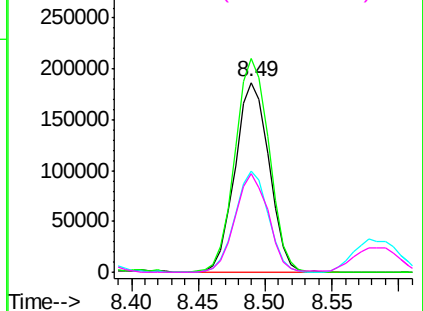
#17
2-Methylphenol
Concen: 52.17 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tgt Ion:	107	Resp:	330584
Ion	Ratio	Lower	Upper
107	100		
108	112.5	83.2	124.8
77	53.1	39.0	58.6
79	52.2	37.6	56.4

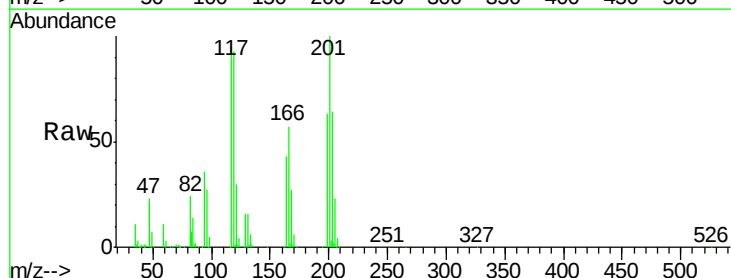


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

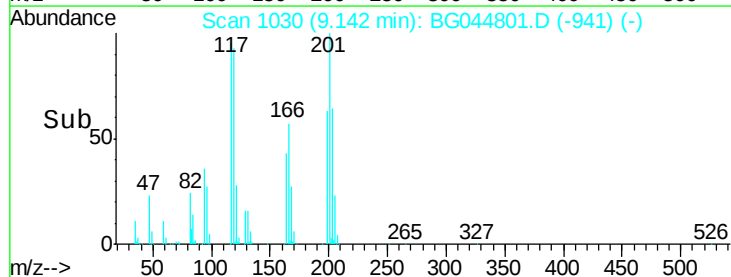
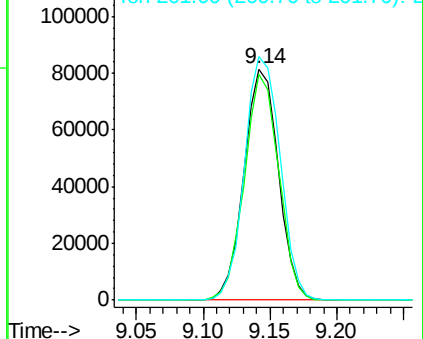


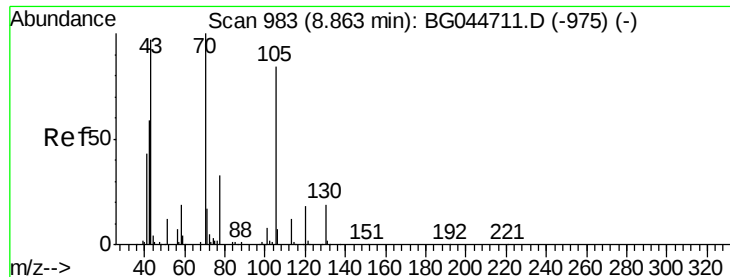
#18
Hexachloroethane
Concen: 46.57 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion:	117	Resp:	144961
Ion	Ratio	Lower	Upper
117	100		
119	97.9	80.2	120.4
201	105.3	83.4	125.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

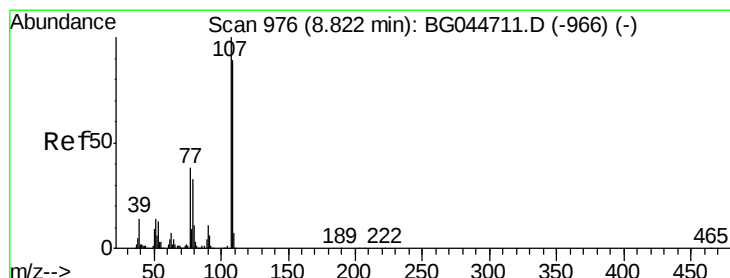
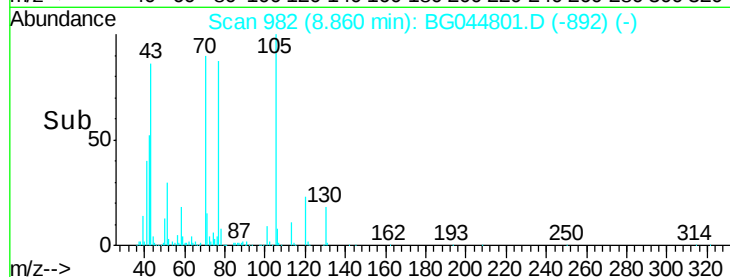
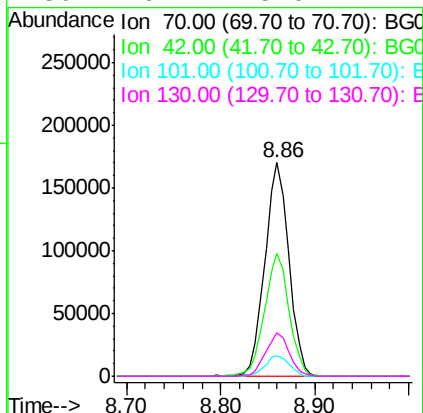
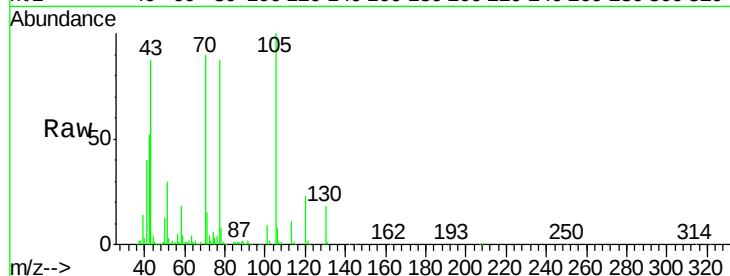




#19
n-Nitroso-di-n-propylamine
Concen: 45.08 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

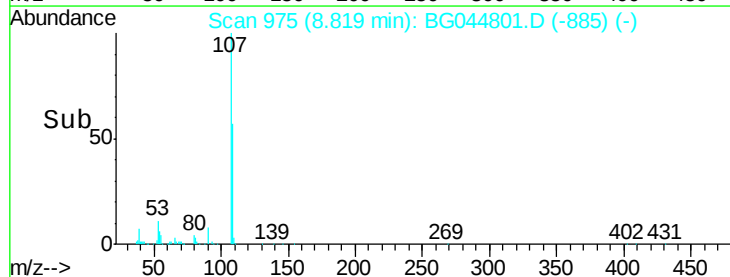
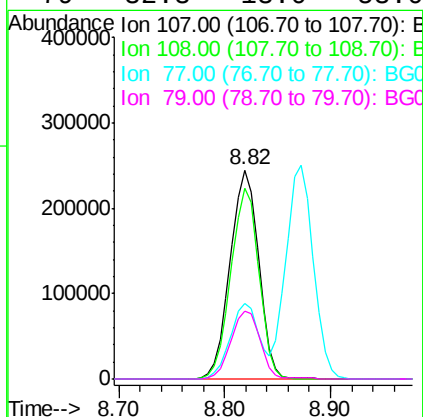
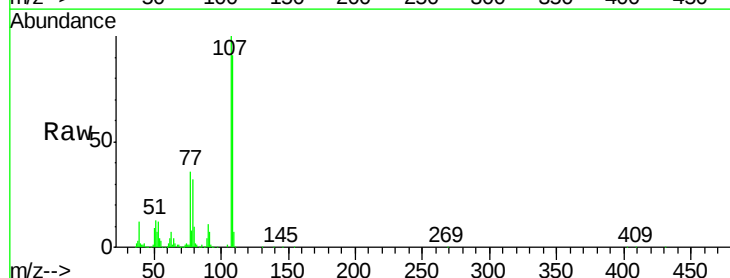
Instrument :
BNA_G
ClientSampleId :
PB127536BS

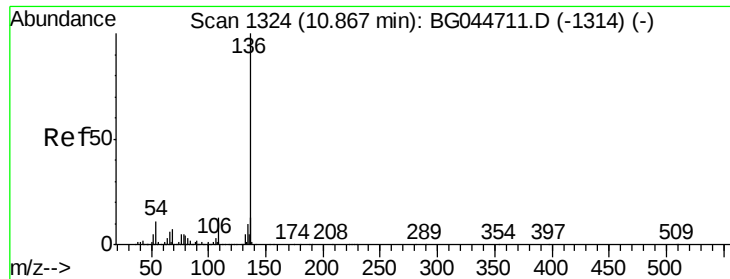
Tgt Ion:	70	Resp:	300786
Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.6	71.4
101	9.7	6.5	9.7#
130	20.2	15.0	22.4



#20
3+4-Methylphenols
Concen: 52.40 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion:	107	Resp:	457793
Ion	Ratio	Lower	Upper
107	100		
108	90.9	69.1	109.1
77	36.4	17.7	57.7
79	32.3	13.0	53.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tgt Ion:136 Resp: 411611

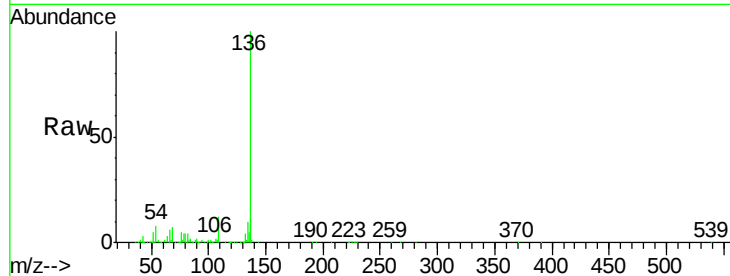
Ion Ratio Lower Upper

136 100

137 10.9 10.7 16.1

54 8.4 9.0 13.4#

68 6.8 5.9 8.9

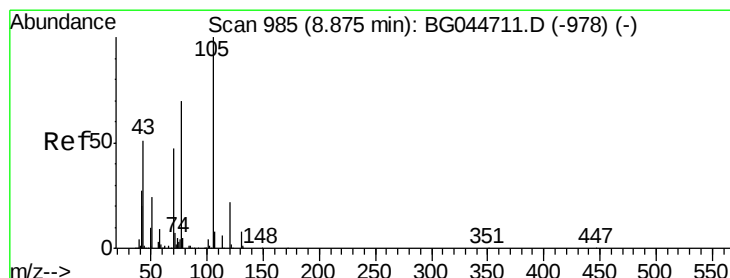
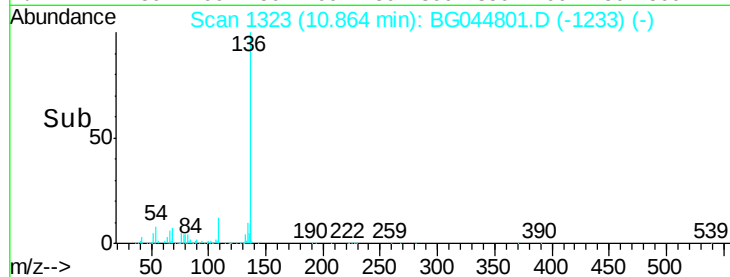
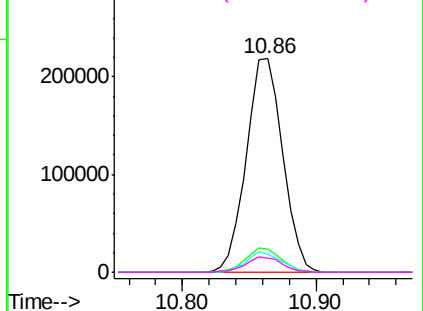


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.50 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Tgt Ion:105 Resp: 542263

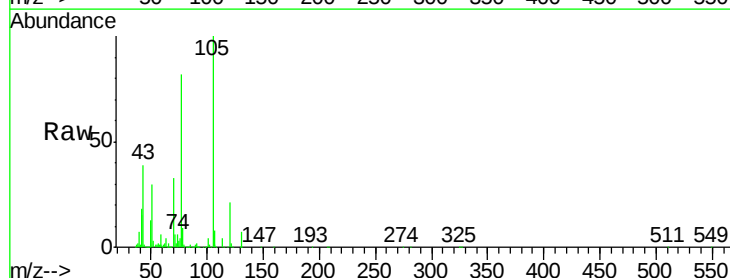
Ion Ratio Lower Upper

105 100

71 5.6 5.8 8.8#

51 30.0 23.8 35.8

120 21.5 17.3 25.9

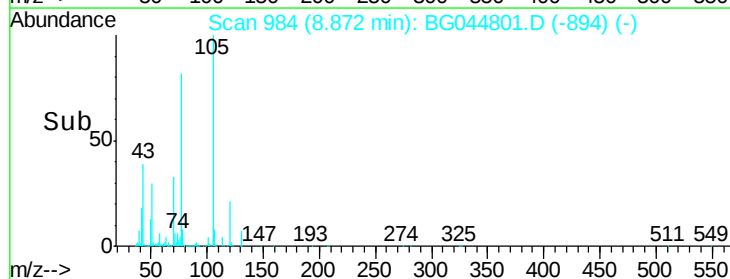
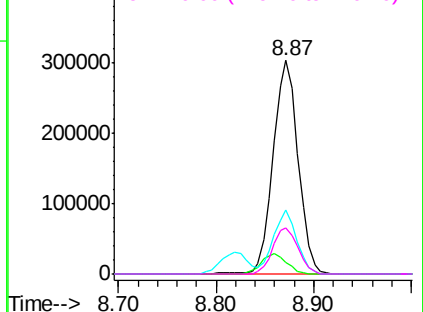


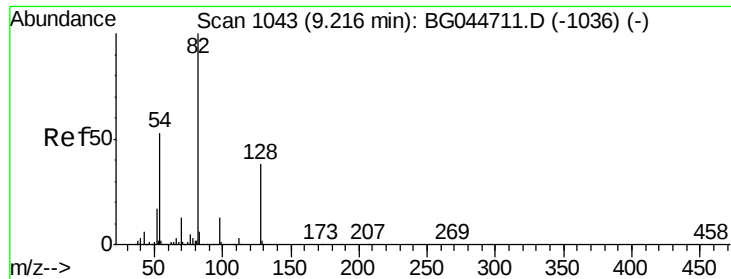
Abundance Ion 105.00 (104.70 to 105.70): E

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

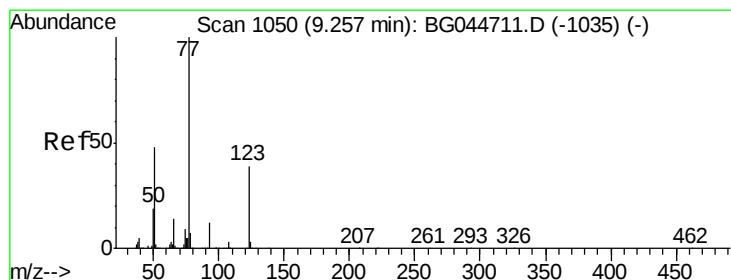
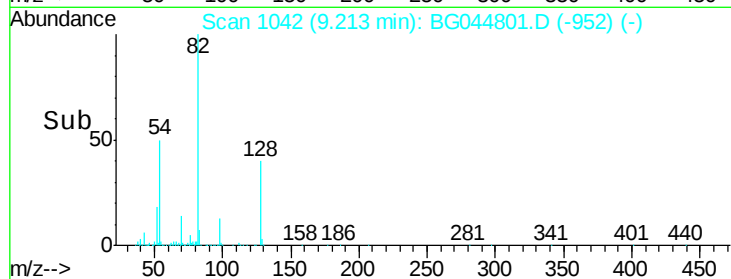
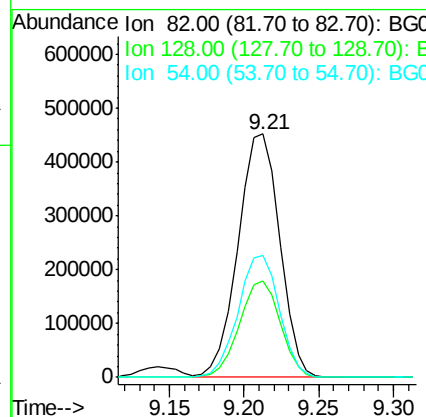
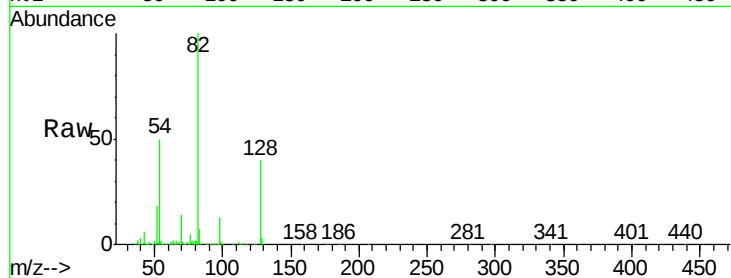




#23
 Nitrobenzene-d5
 Concen: 93.40 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

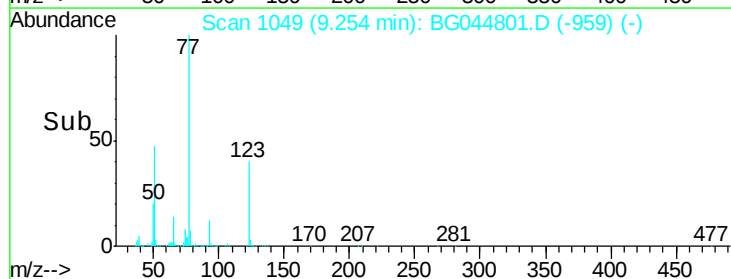
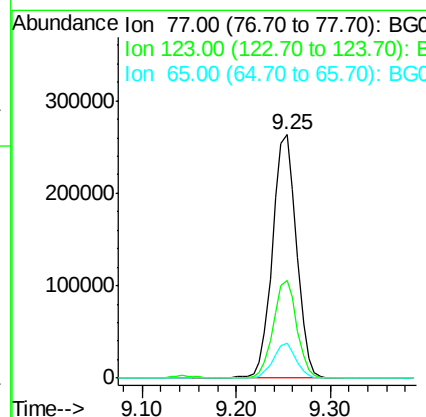
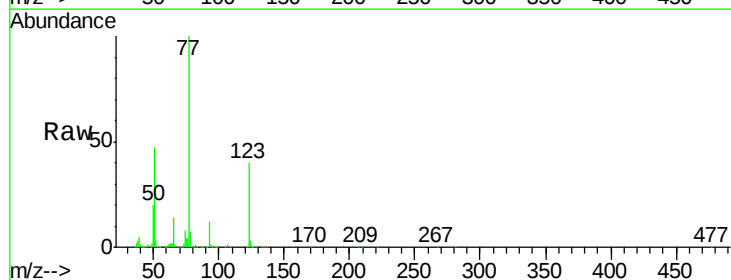
Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

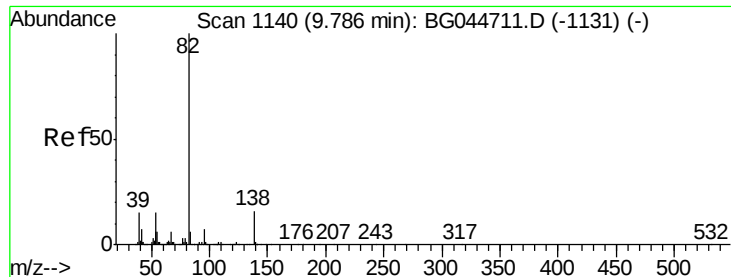
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.2	45.2
54	50.2	41.8	62.8



#24
 Nitrobenzene
 Concen: 47.89 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	31.5	47.3
65	14.1	11.0	16.4

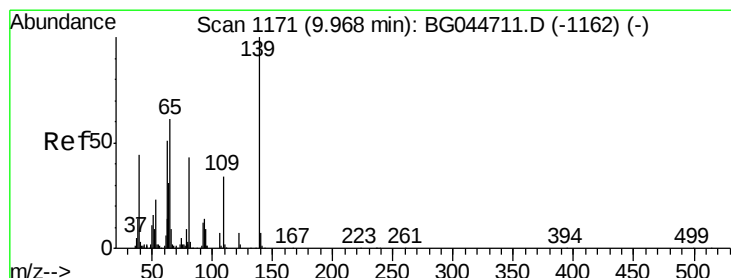
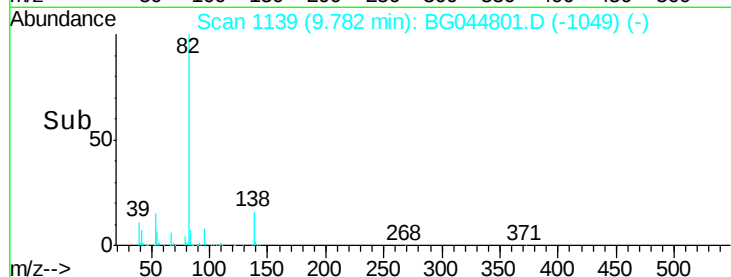
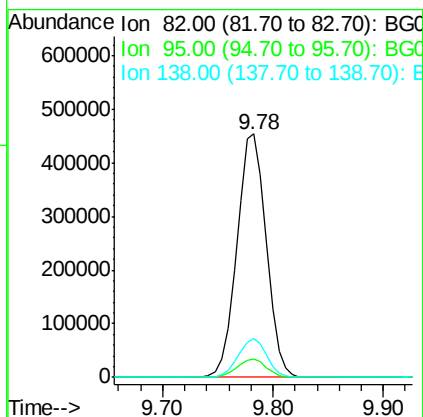
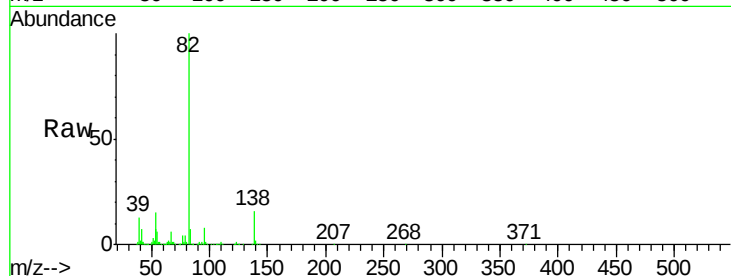




#25
Isophorone
Concen: 46.13 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

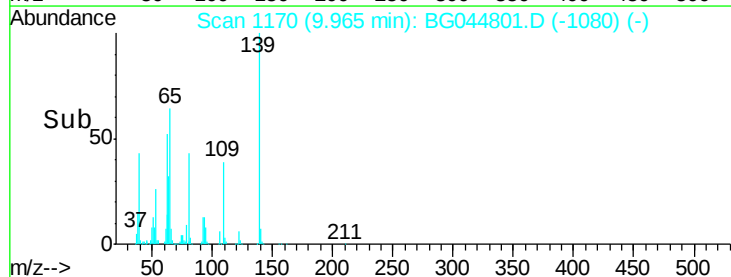
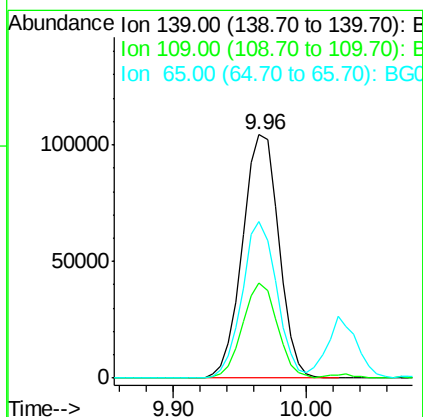
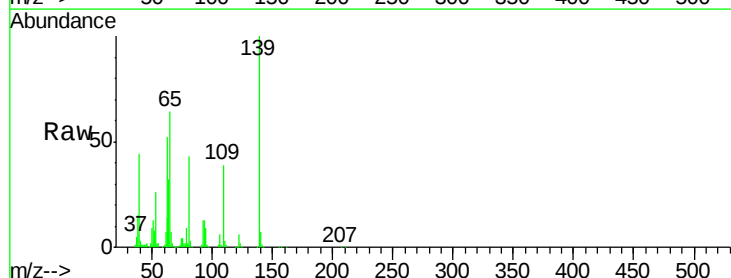
Instrument :
BNA_G
ClientSampleId :
PB127536BS

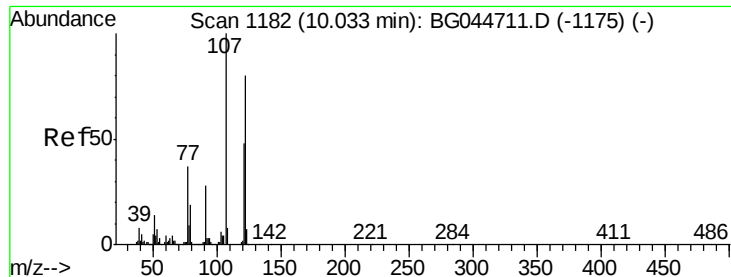
Tgt Ion: 82 Resp: 844544
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 16.0 13.0 19.4



#26
2-Nitrophenol
Concen: 56.93 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion: 139 Resp: 196269
Ion Ratio Lower Upper
139 100
109 38.9 27.0 40.4
65 64.4 48.6 73.0

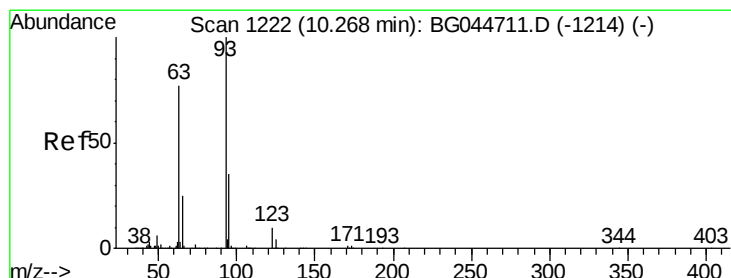
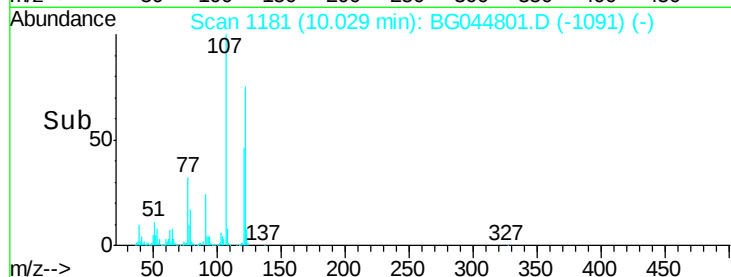
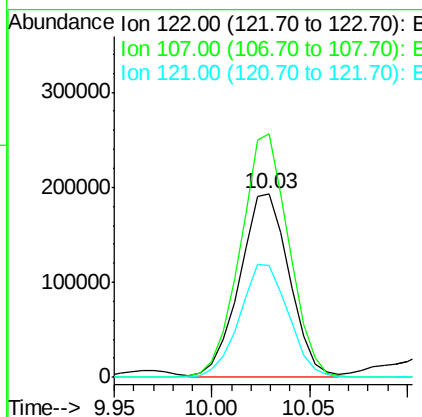
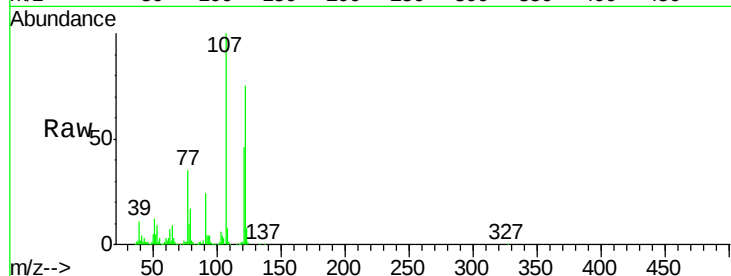




#27
 2,4-Dimethylphenol
 Concen: 56.86 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

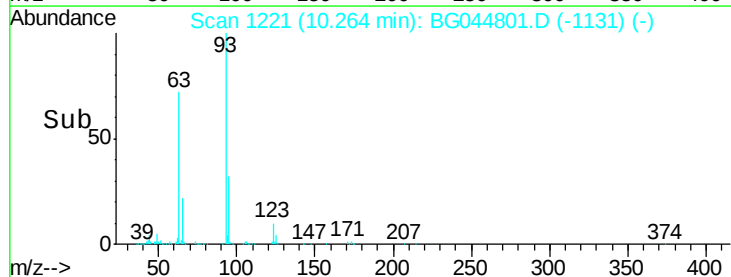
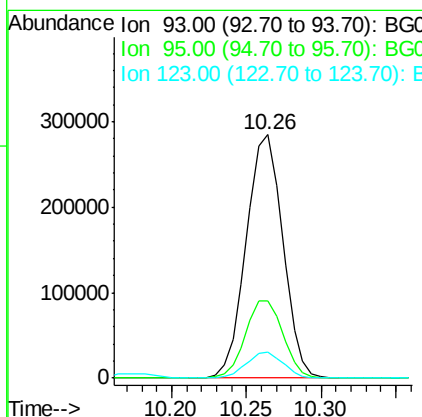
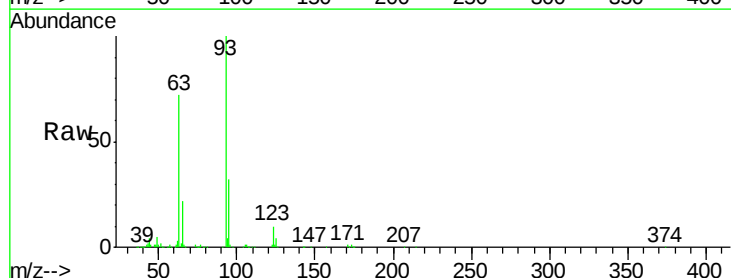
Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

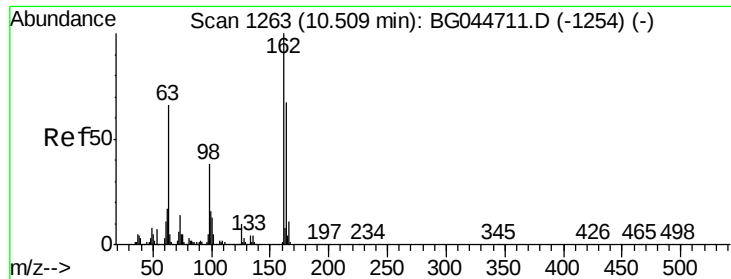
Tgt Ion	Ratio	Lower	Upper
122	100		
107	132.7	99.0	148.6
121	61.0	47.6	71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.31 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	27.7	41.5
123	10.5	8.1	12.1

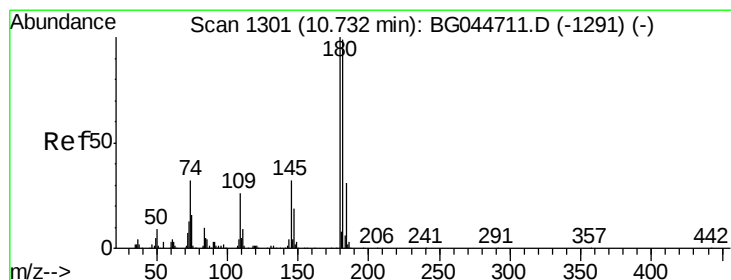
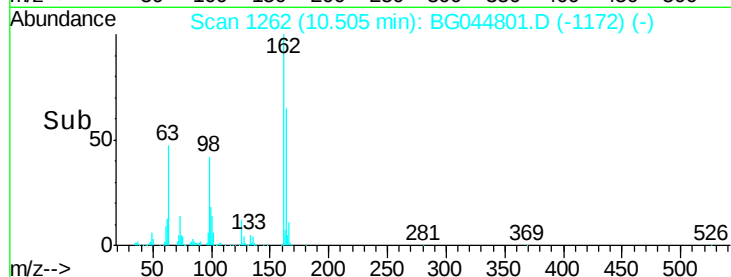
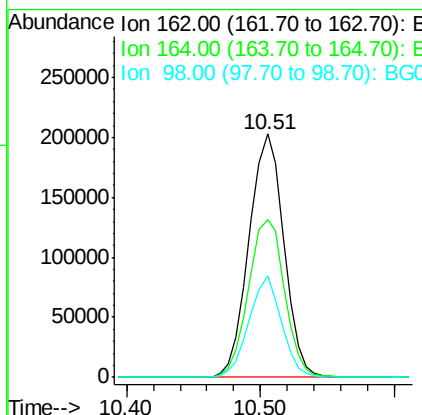
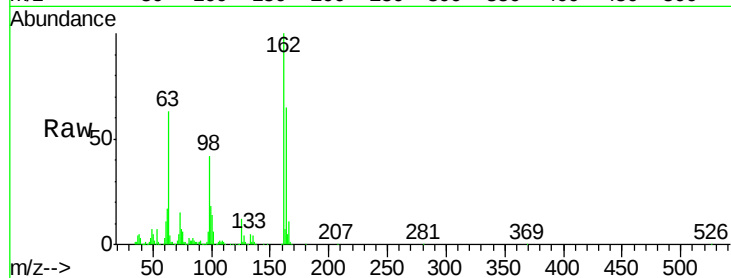




#29
 2,4-Dichlorophenol
 Concen: 52.55 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

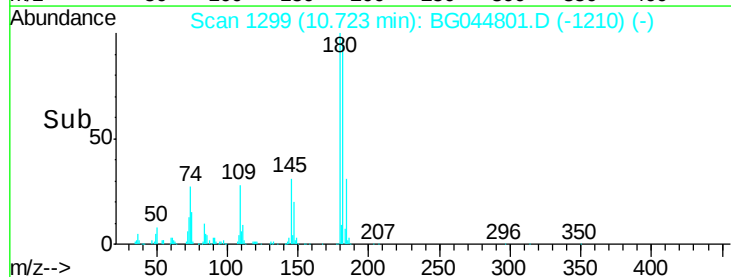
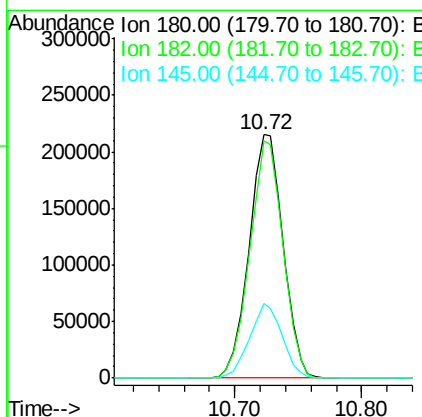
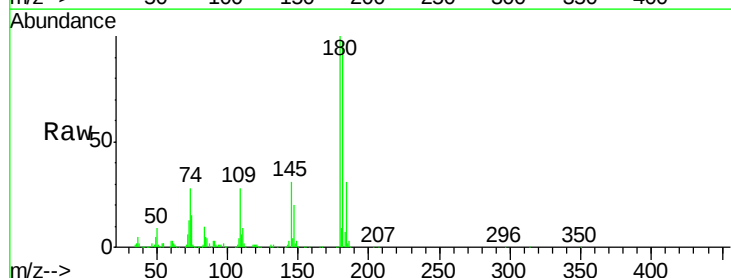
Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

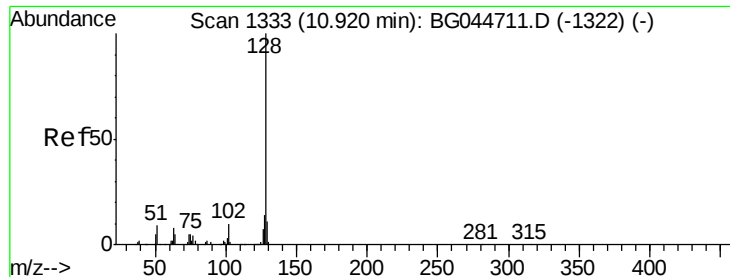
Tgt Ion:162 Resp: 365903
 Ion Ratio Lower Upper
 162 100
 164 64.7 46.5 86.5
 98 41.7 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 48.17 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion:180 Resp: 401083
 Ion Ratio Lower Upper
 180 100
 182 97.3 78.8 118.2
 145 30.7 25.4 38.0

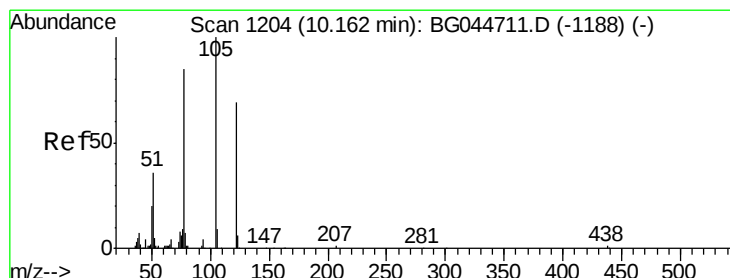
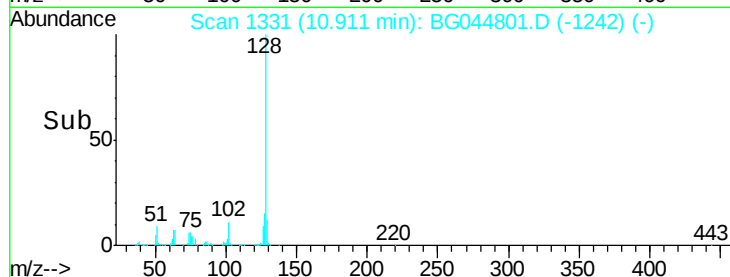
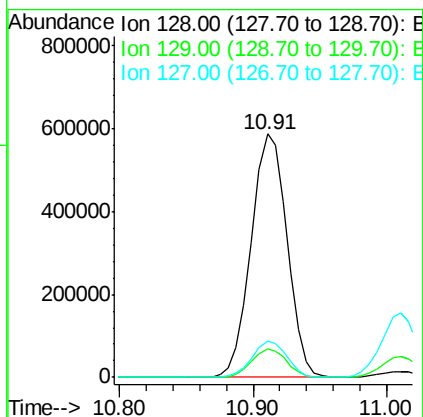
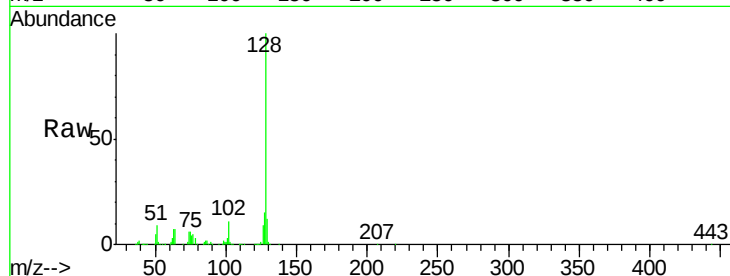




#31
Naphthalene
Concen: 47.89 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

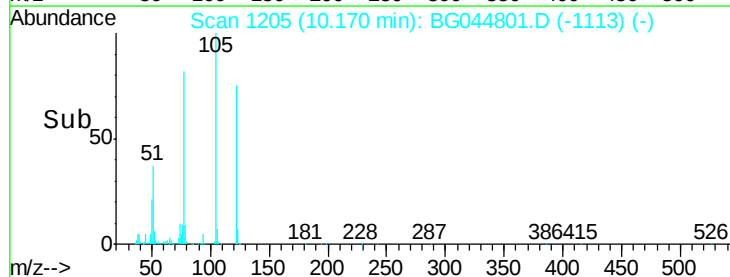
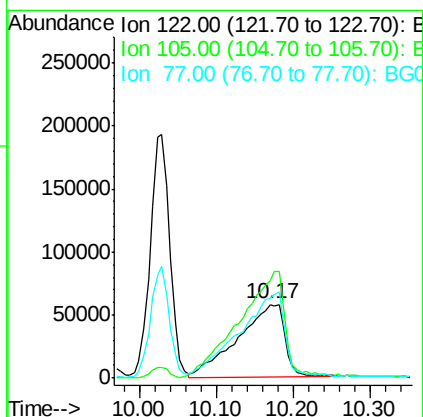
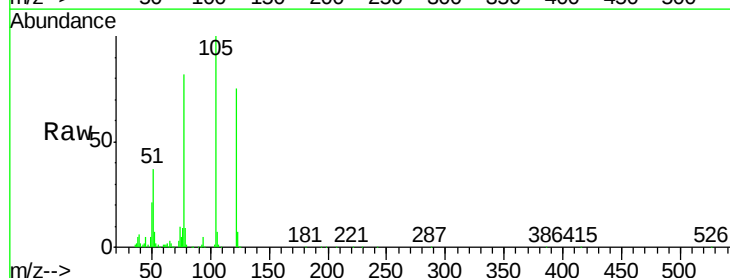
Instrument :
BNA_G
ClientSampleId :
PB127536BS

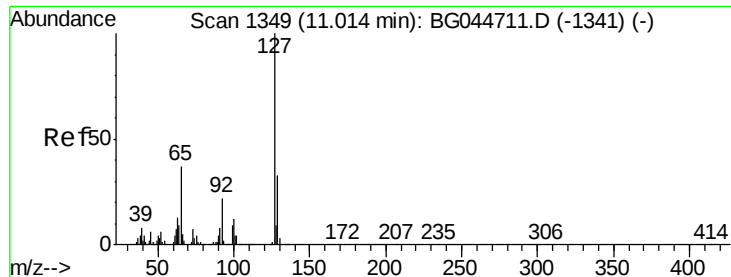
Tgt Ion:128 Resp: 1091998
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 14.8 11.0 16.6



#32
Benzoic acid
Concen: 51.70 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion:122 Resp: 244452
Ion Ratio Lower Upper
122 100
105 132.9 119.0 159.0
77 108.8 96.4 136.4

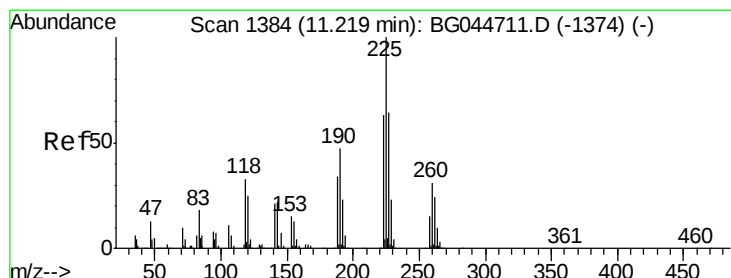
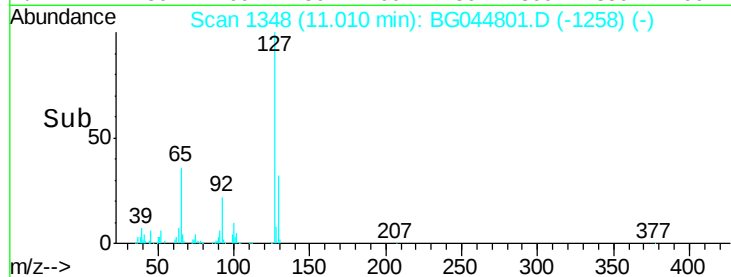
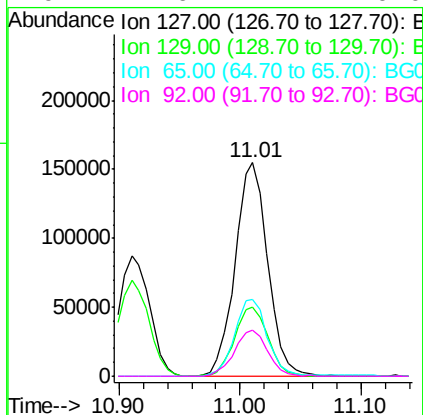
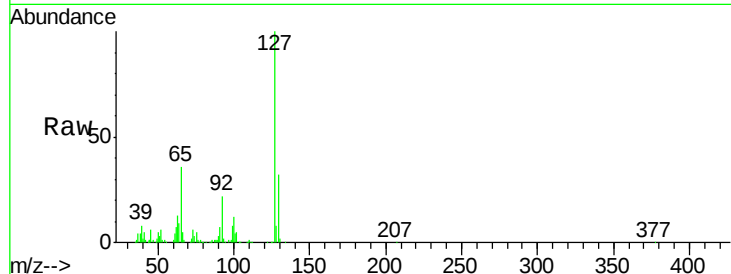




#33
4-Chloroaniline
Concen: 28.34 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

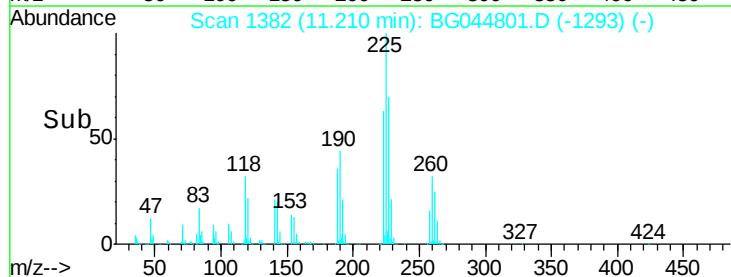
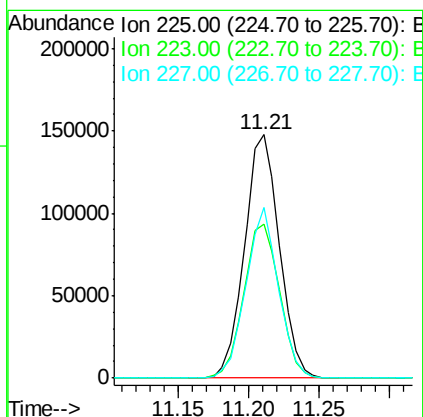
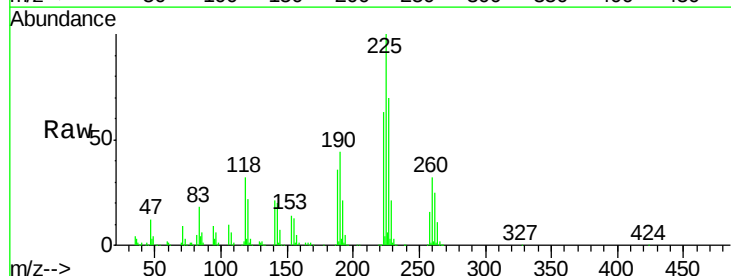
Instrument :
BNA_G
ClientSampleId :
PB127536BS

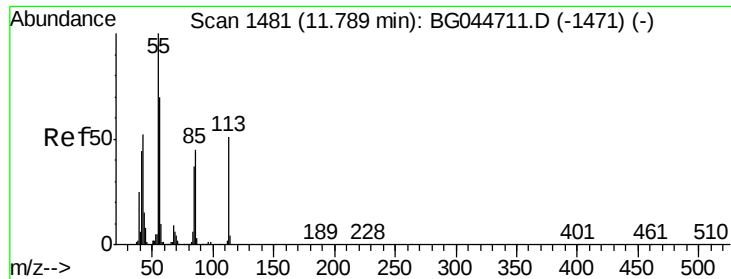
Tgt Ion:	127	Resp:	291151
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	36.2	29.6	44.4
92	21.6	17.4	26.0



#34
Hexachlorobutadiene
Concen: 46.67 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion:	225	Resp:	255533
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	69.9	51.6	77.4

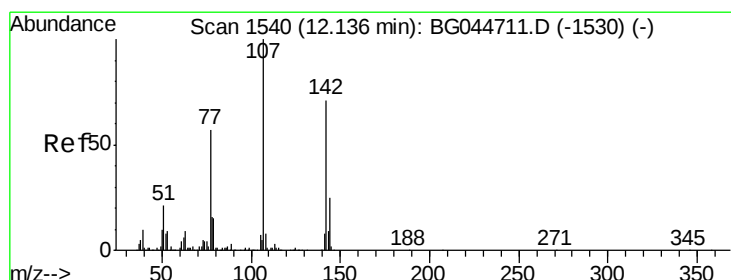
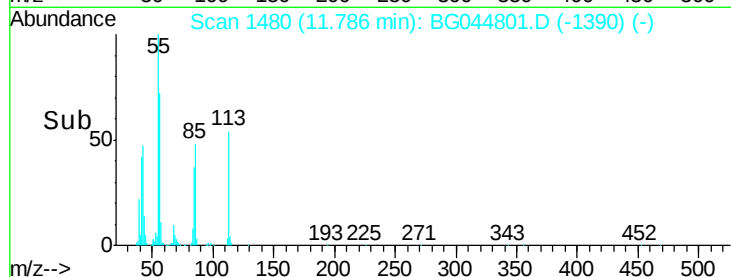
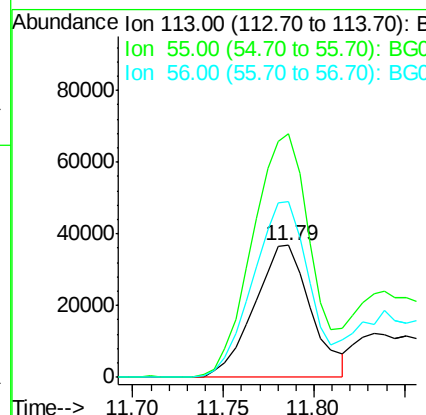
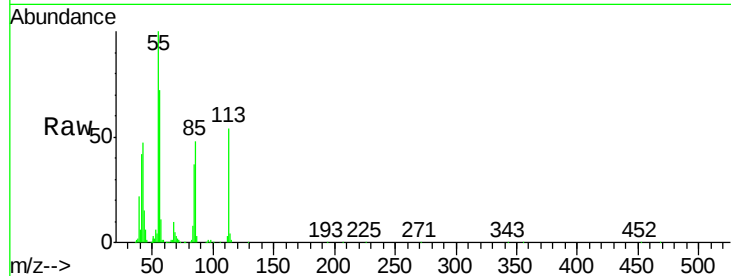




#35
 Caprolactam
 Concen: 30.35 ng
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

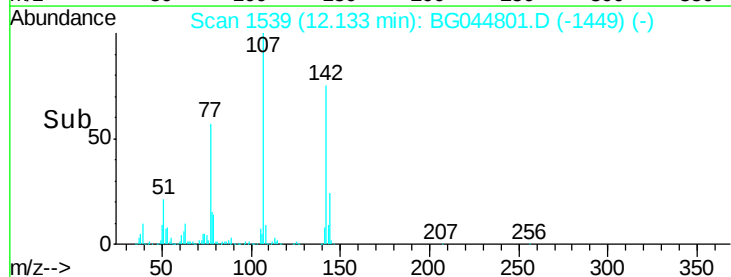
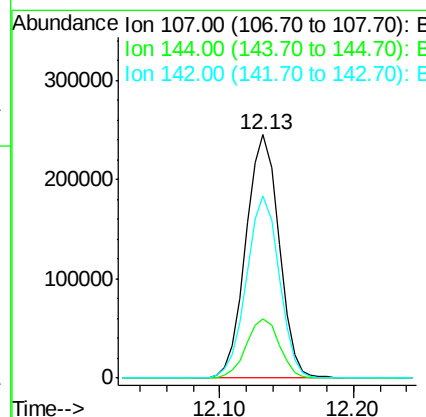
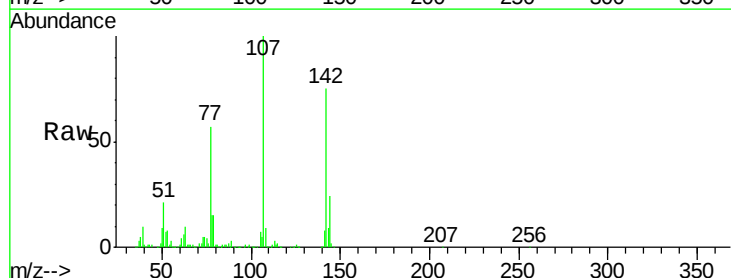
Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

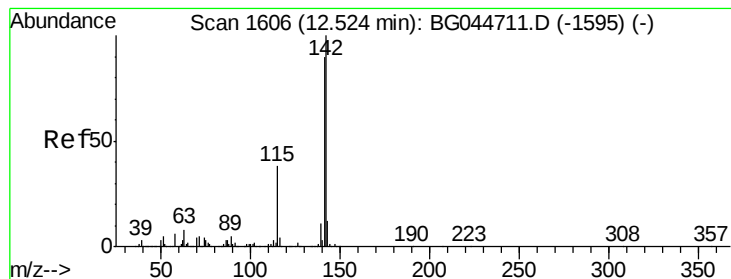
Tgt Ion:113 Resp: 80014
 Ion Ratio Lower Upper
 113 100
 55 184.4 178.4 218.4
 56 133.2 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 50.69 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion:107 Resp: 420941
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.6 29.4
 142 74.6 56.5 84.7





#37

2-Methylnaphthalene

Concen: 48.69 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

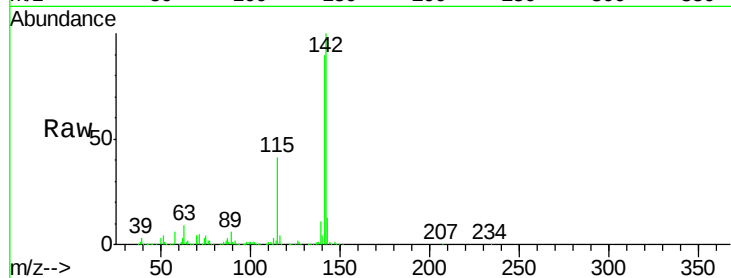
Tgt Ion:142 Resp: 830525

Ion Ratio Lower Upper

142 100

141 90.0 72.3 108.5

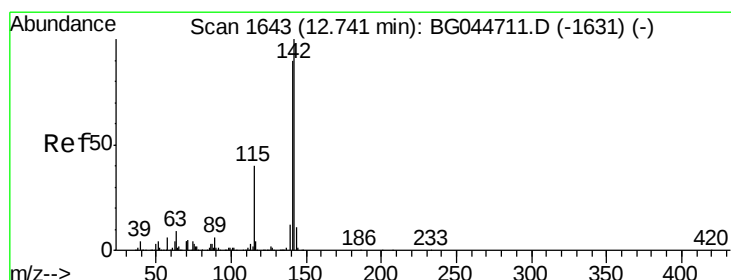
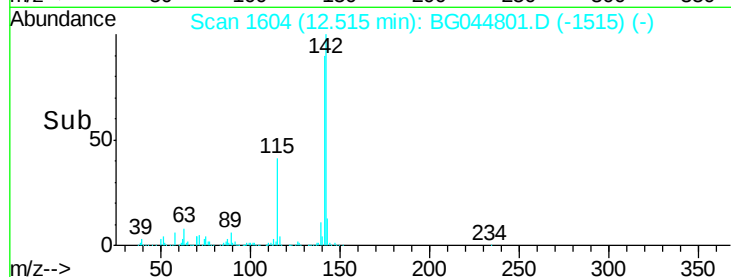
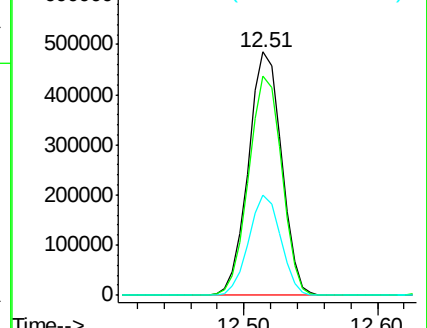
115 41.3 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.81 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

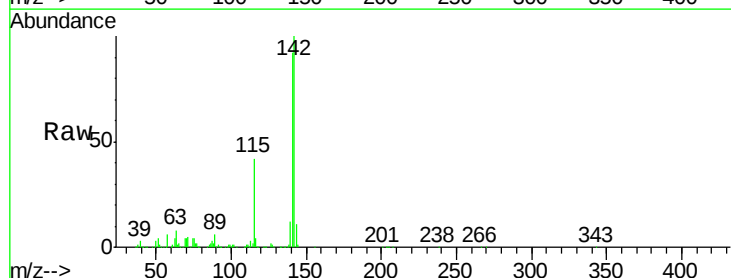
Tgt Ion:142 Resp: 782672

Ion Ratio Lower Upper

142 100

141 92.4 72.2 108.2

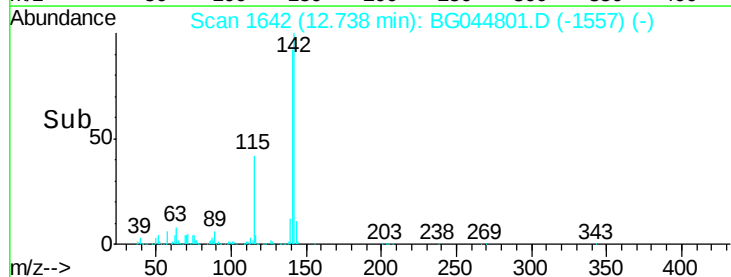
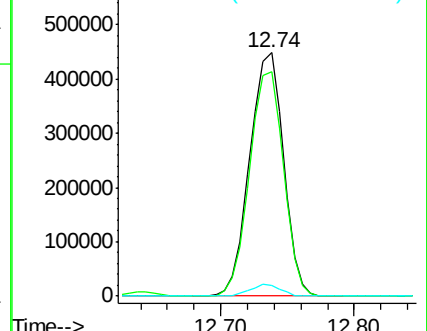
116 4.3 3.5 5.3

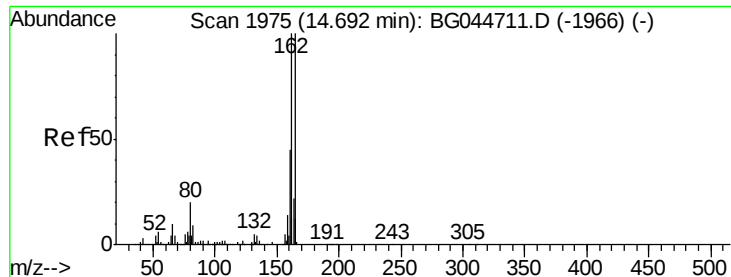


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

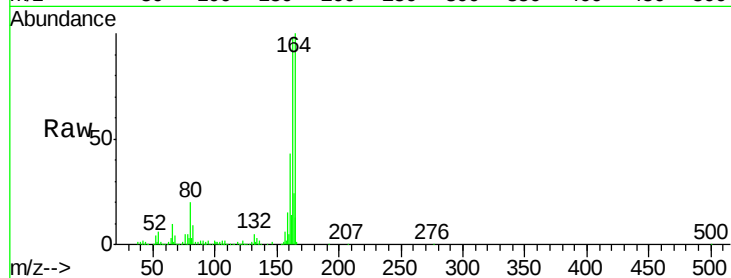
Tgt Ion:164 Resp: 276836

Ion Ratio Lower Upper

164 100

162 97.9 80.2 120.4

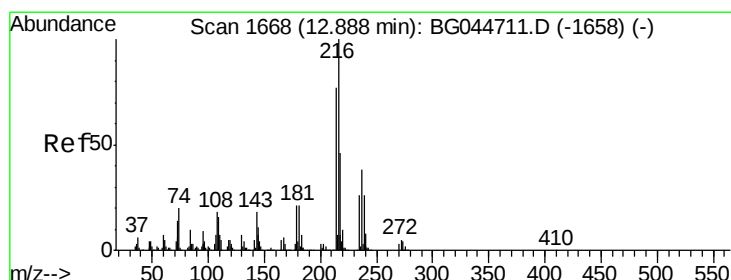
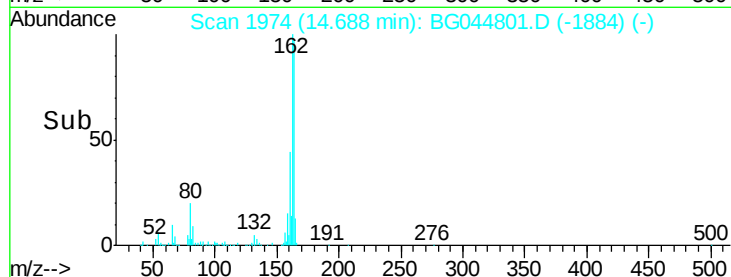
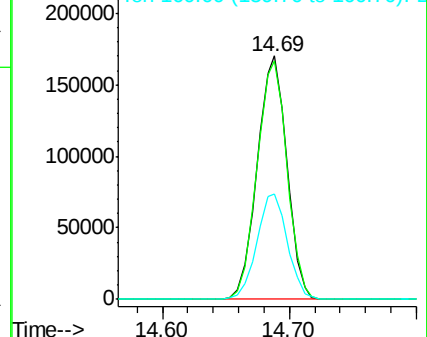
160 43.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.74 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Tgt Ion:216 Resp: 453483

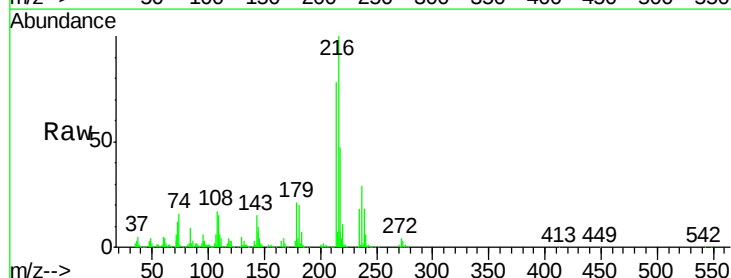
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 19.8 16.6 24.8

108 18.1 15.6 23.4

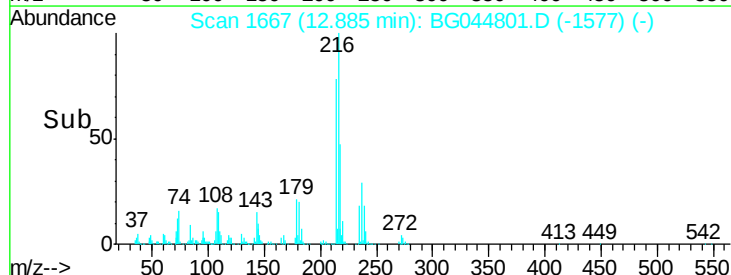
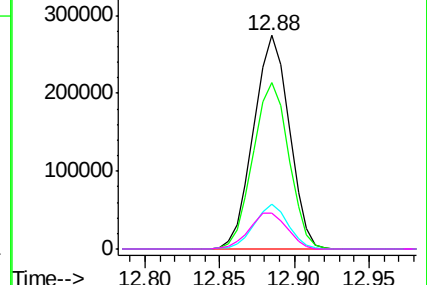


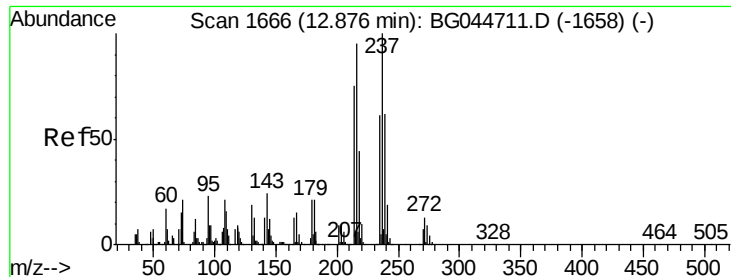
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 53.02 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

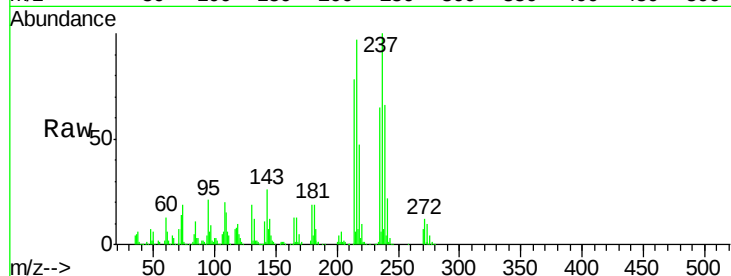
Tgt Ion: 237 Resp: 264174

Ion Ratio Lower Upper

237 100

235 64.5 40.6 80.6

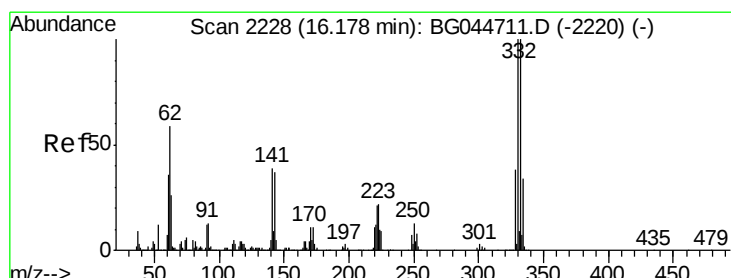
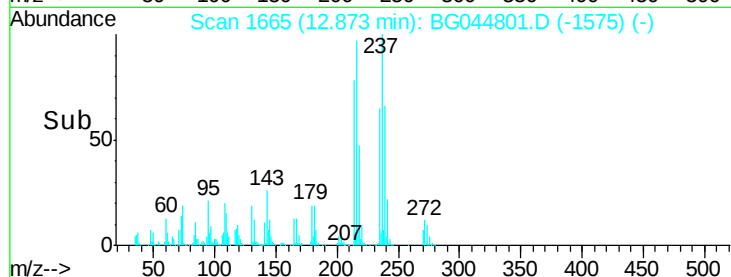
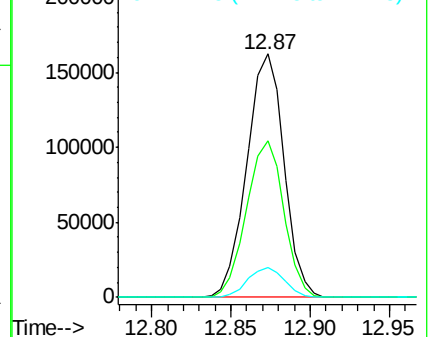
272 12.5 0.0 32.5



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



#42

2,4,6-Tribromophenol

Concen: 145.96 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

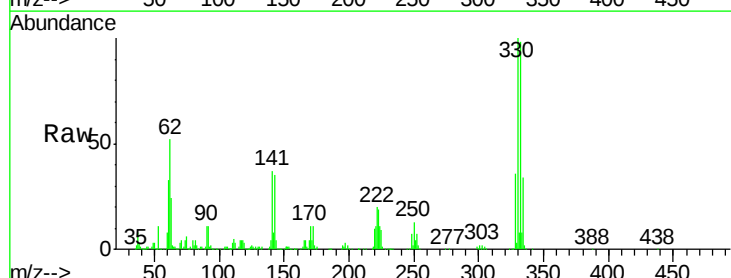
Tgt Ion: 330 Resp: 529059

Ion Ratio Lower Upper

330 100

332 97.2 77.5 116.3

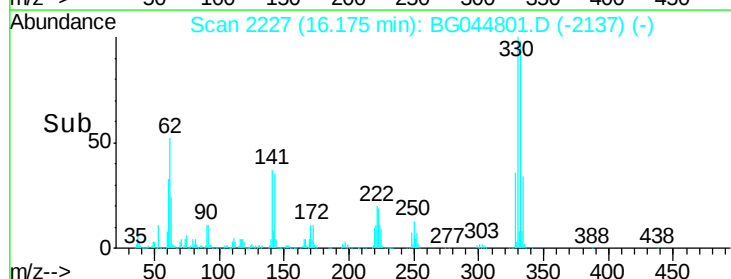
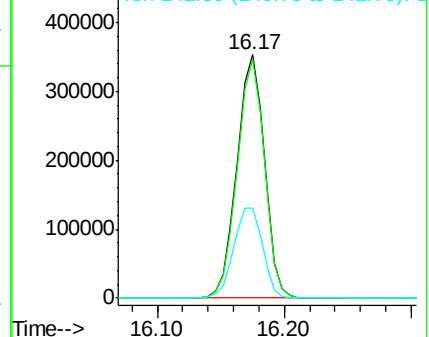
141 38.7 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

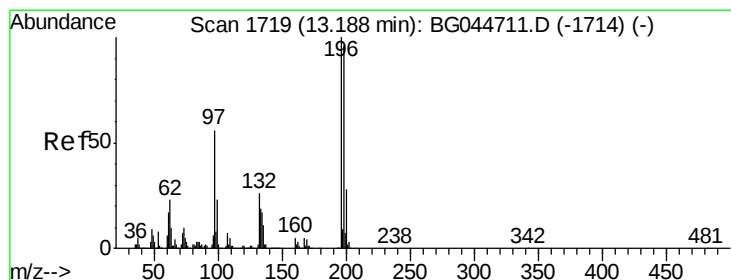
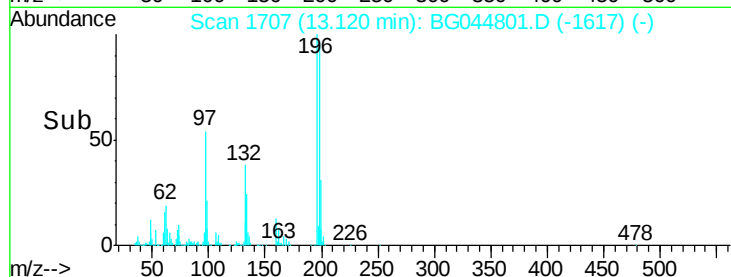
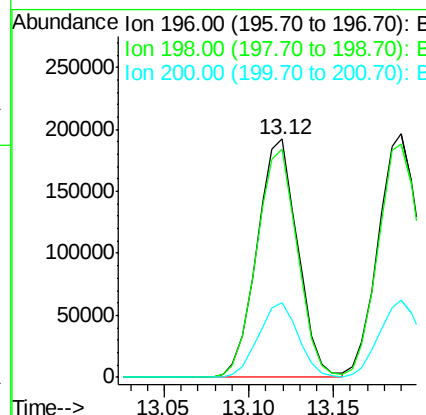
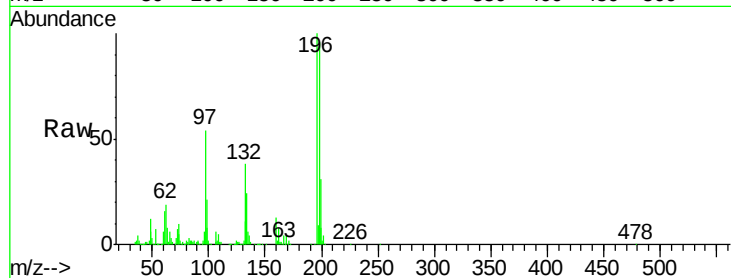




#43
 2,4,6-Trichlorophenol
 Concen: 53.16 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

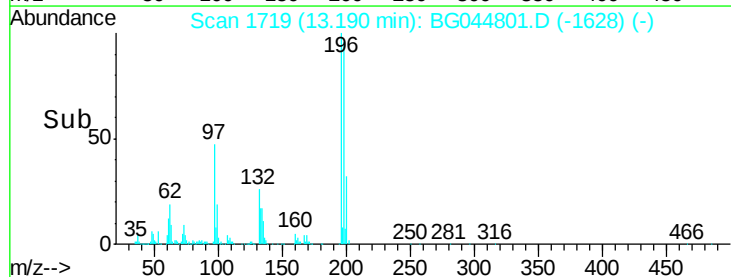
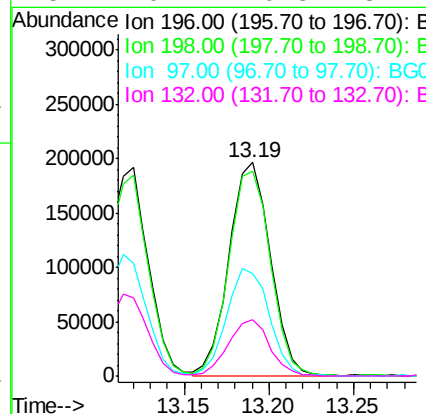
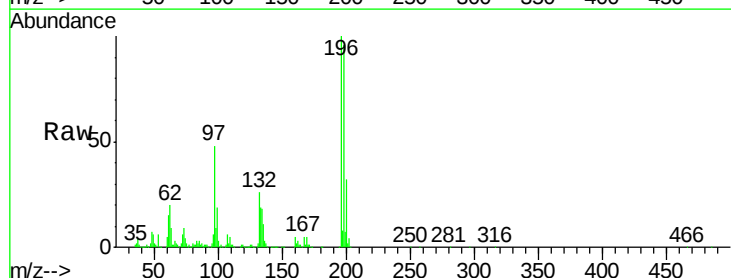
Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

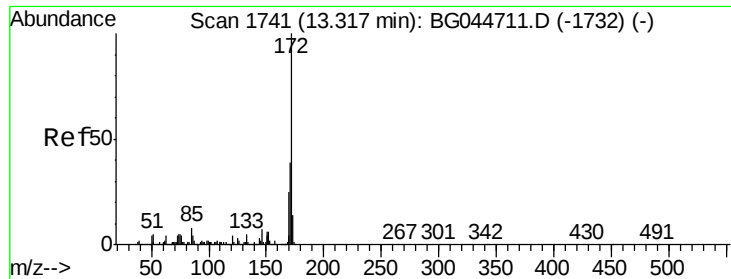
Tgt Ion:196 Resp: 321644
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.5 114.7
 200 31.3 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 53.32 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion:196 Resp: 334546
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.3 115.9
 97 48.2 44.9 67.3
 132 26.2 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 92.30 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

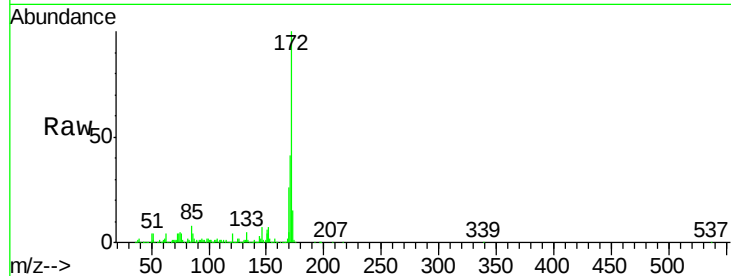
Tgt Ion:172 Resp: 1784339

Ion Ratio Lower Upper

172 100

171 40.5 30.8 46.2

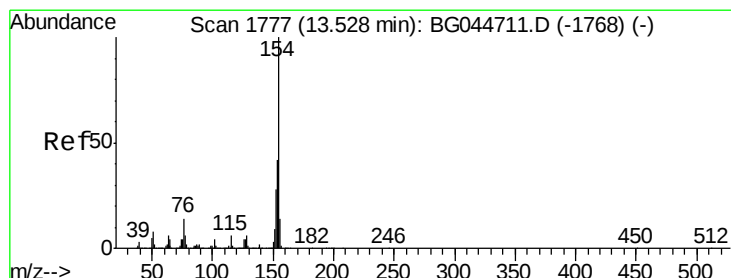
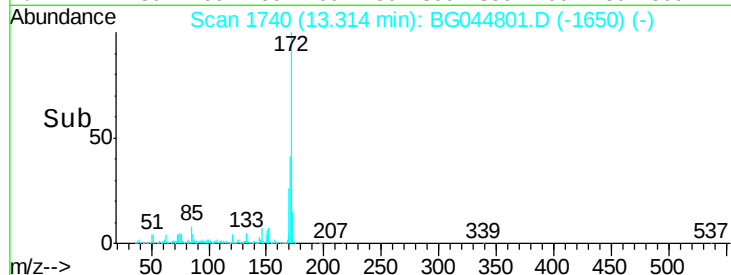
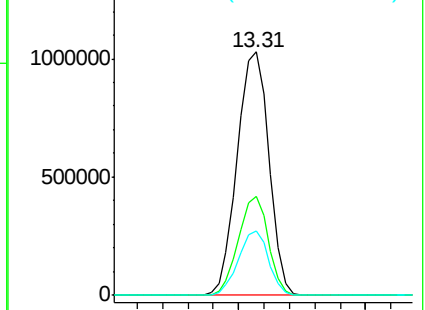
170 26.4 20.0 30.0



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



#46

1,1'-Biphenyl

Concen: 46.29 ng

RT: 13.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

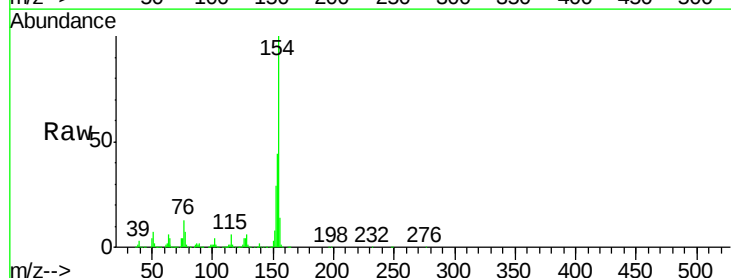
Tgt Ion:154 Resp: 1024045

Ion Ratio Lower Upper

154 100

153 43.5 22.0 62.0

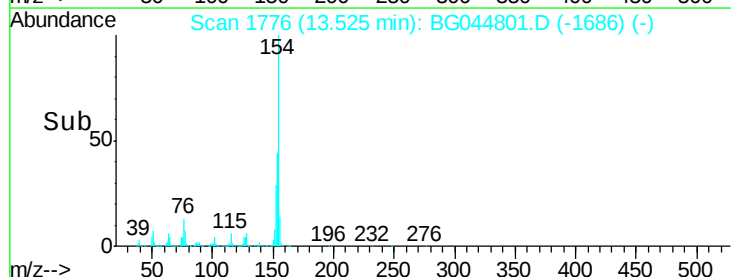
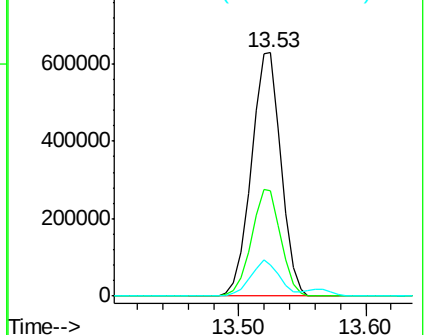
76 12.9 0.0 34.2

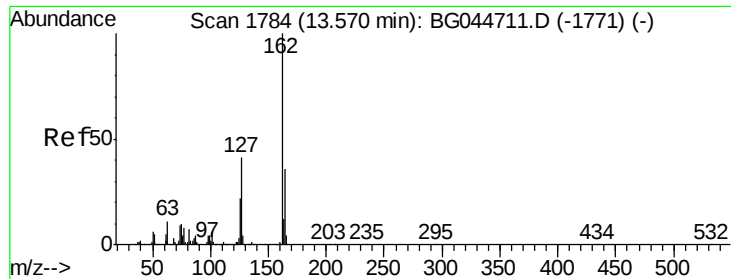


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

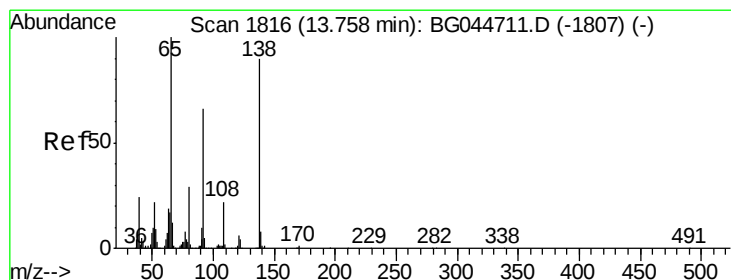
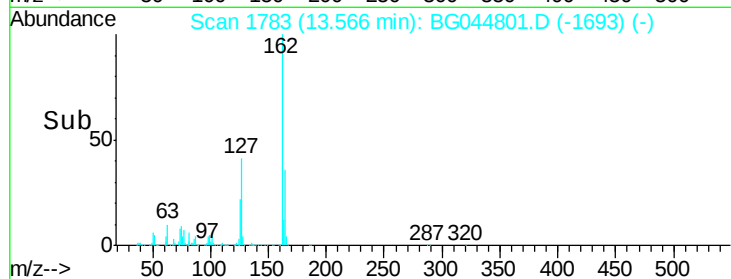
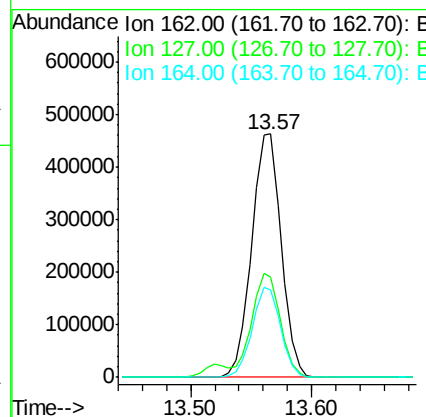
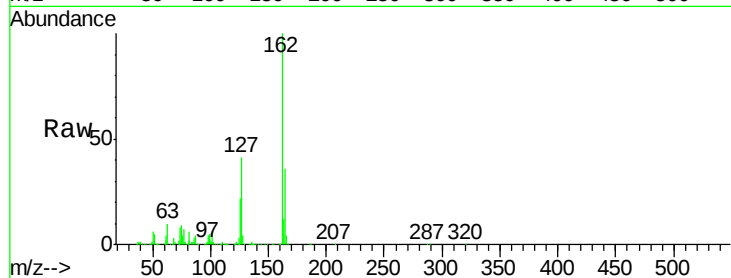




#47
2-Chloronaphthalene
Concen: 46.75 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

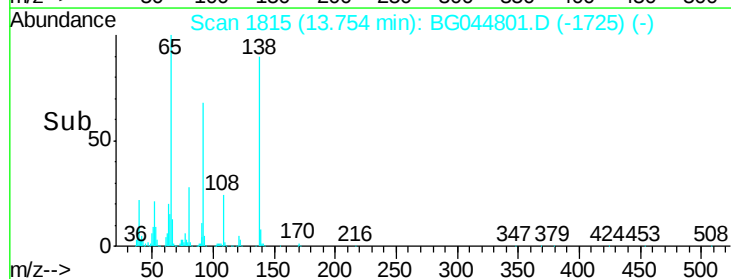
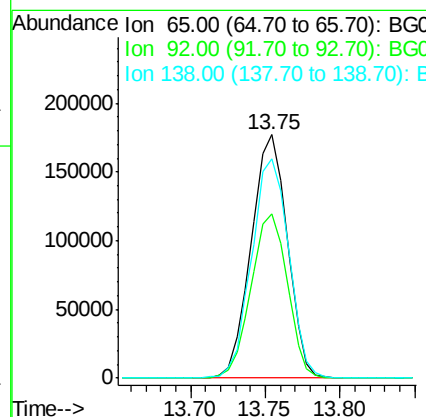
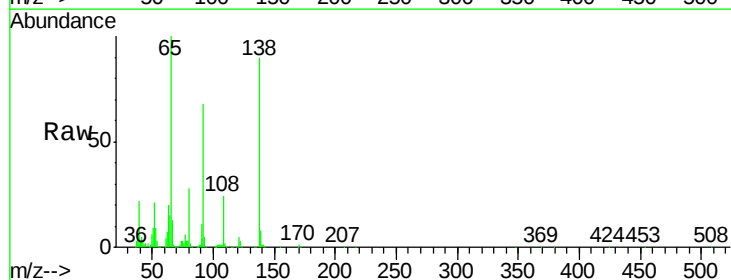
Instrument :
BNA_G
ClientSampleId :
PB127536BS

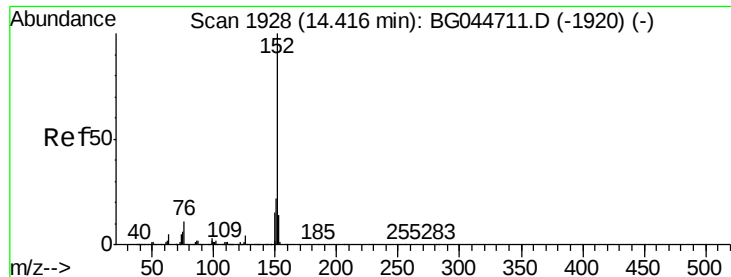
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.6	48.8
164	35.9	29.0	43.4



#48
2-Nitroaniline
Concen: 50.12 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	52.6	79.0
138	89.8	71.8	107.6





#49

Acenaphthylene

Concen: 49.01 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

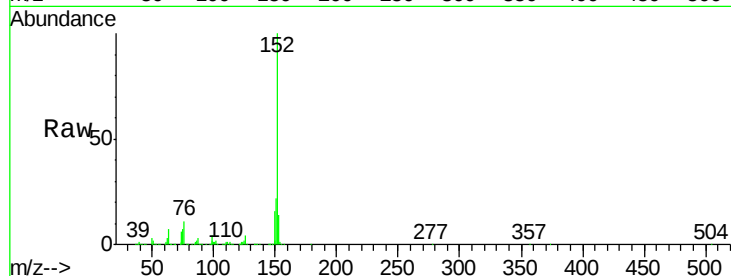
Tgt Ion:152 Resp: 1297568

Ion Ratio Lower Upper

152 100

151 21.8 17.8 26.8

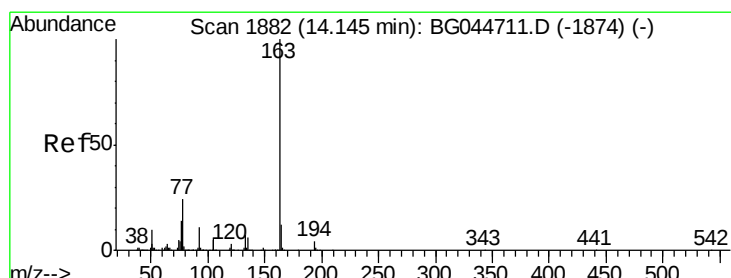
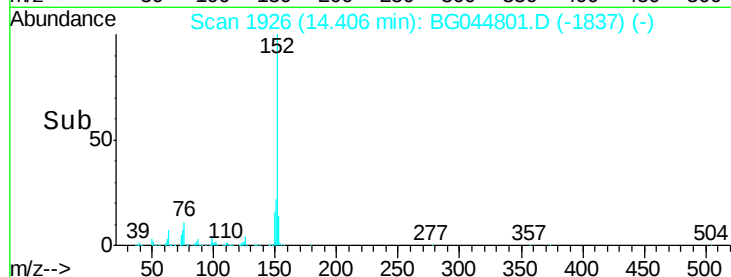
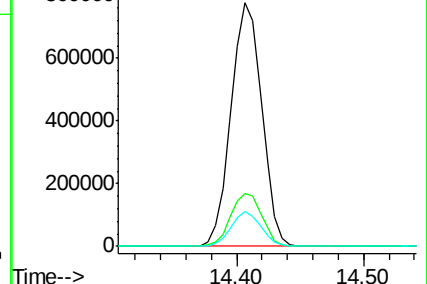
153 14.4 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.33 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

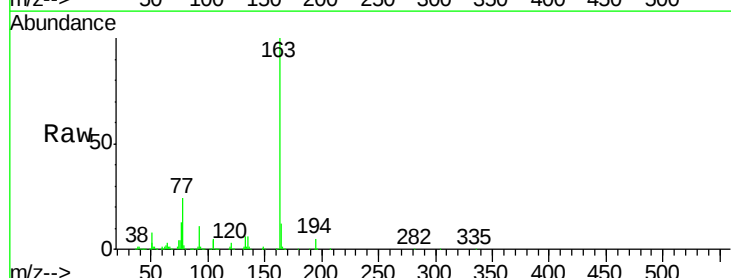
Tgt Ion:163 Resp: 999466

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

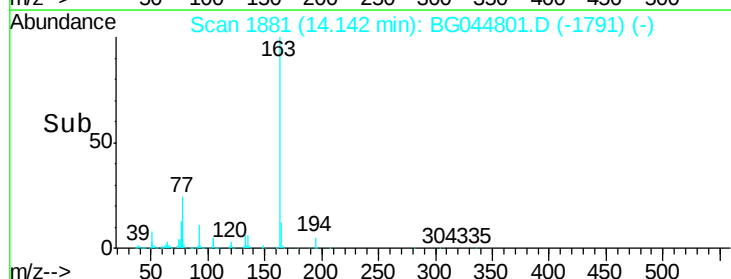
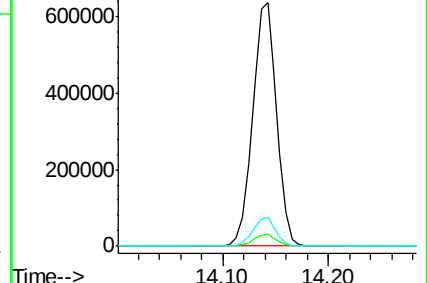
164 11.5 9.2 13.8

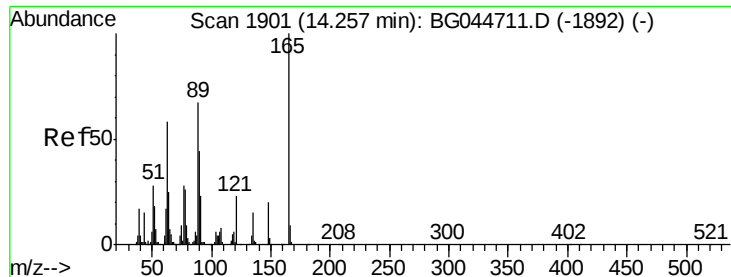


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.06 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

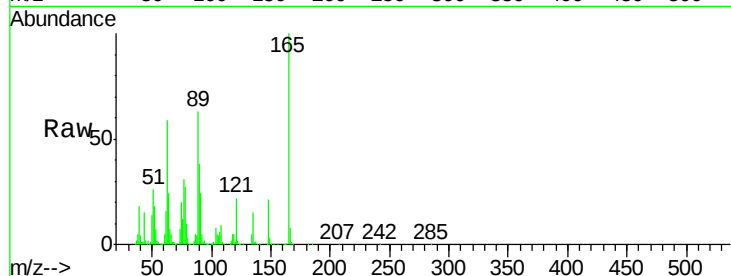
Tgt Ion:165 Resp: 235820

Ion Ratio Lower Upper

165 100

63 58.7 48.9 73.3

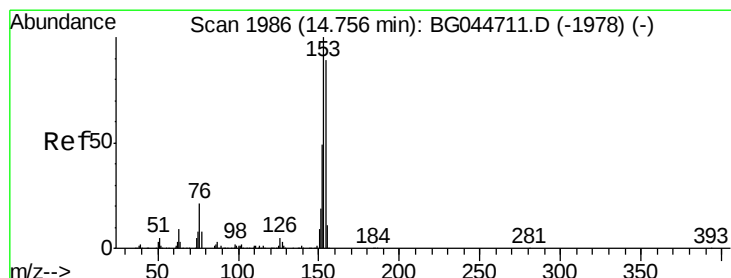
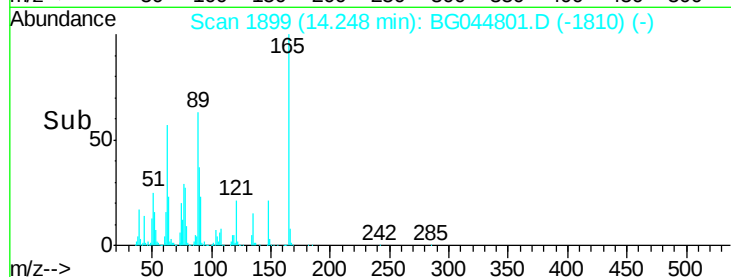
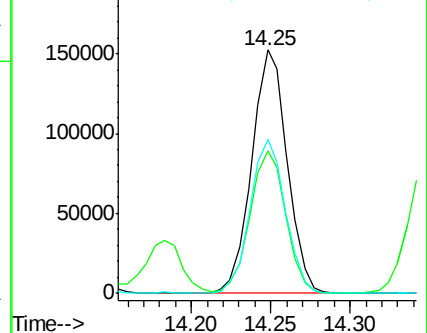
89 63.3 53.8 80.8



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



#52

Acenaphthene

Concen: 48.52 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

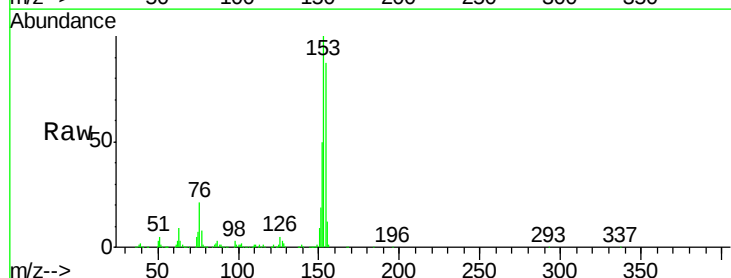
Tgt Ion:154 Resp: 841302

Ion Ratio Lower Upper

154 100

153 114.4 89.8 134.8

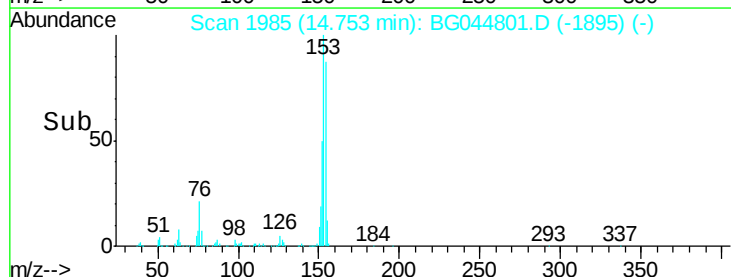
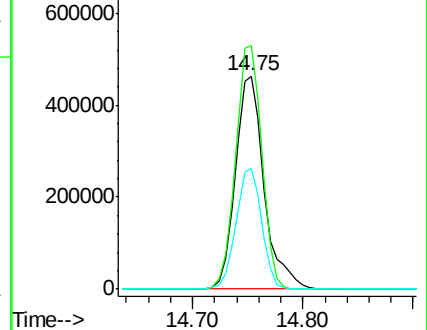
152 56.8 44.4 66.6

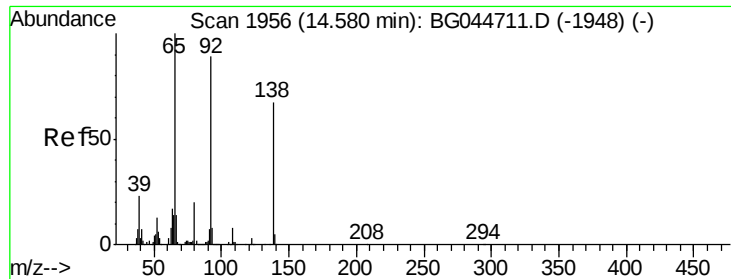


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 37.96 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

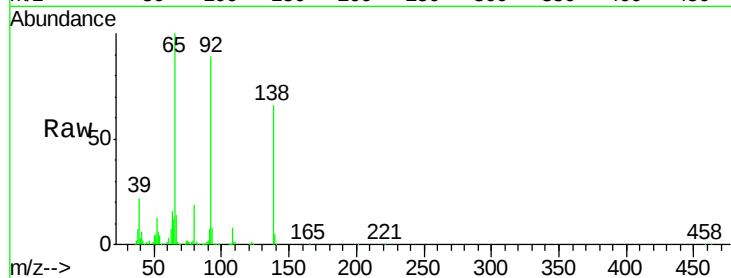
Tgt Ion:138 Resp: 193954

Ion Ratio Lower Upper

138 100

108 11.4 9.2 13.8

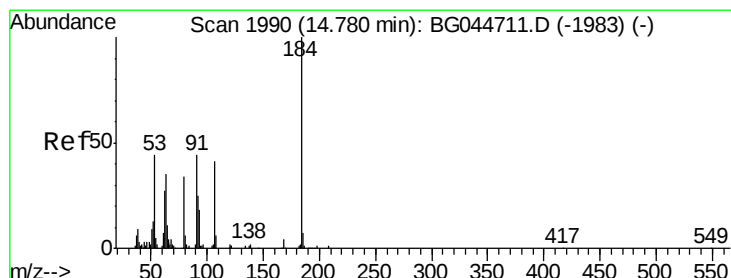
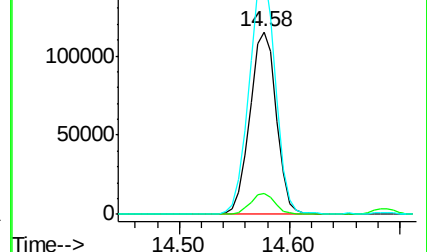
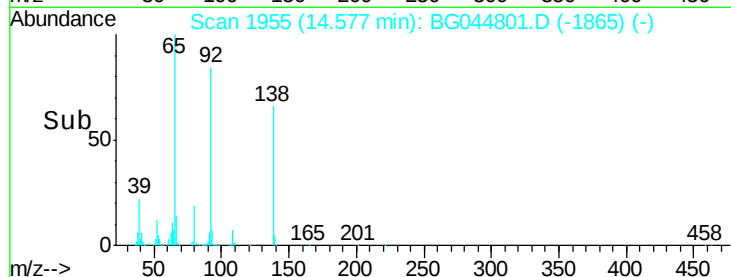
92 133.6 105.6 158.4



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): BGC



#54

2,4-Dinitrophenol

Concen: 55.30 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

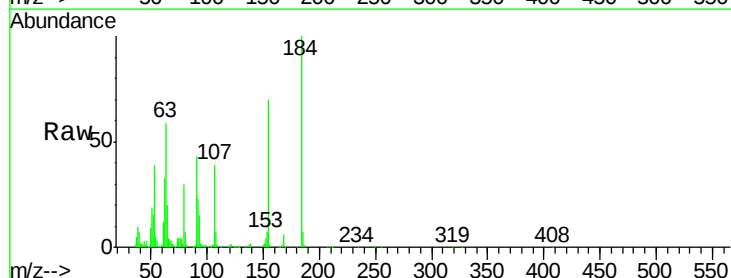
Tgt Ion:184 Resp: 121767

Ion Ratio Lower Upper

184 100

63 58.9 49.0 73.6

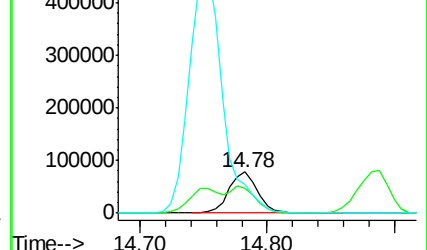
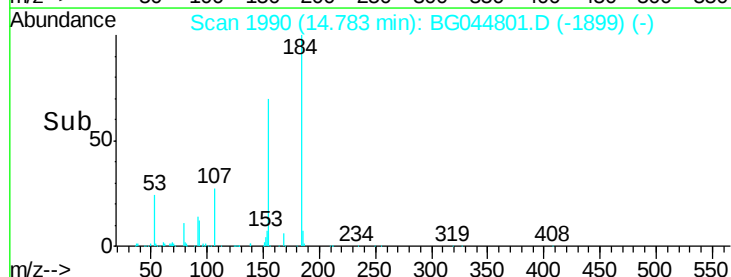
154 69.9 94.5 141.7#

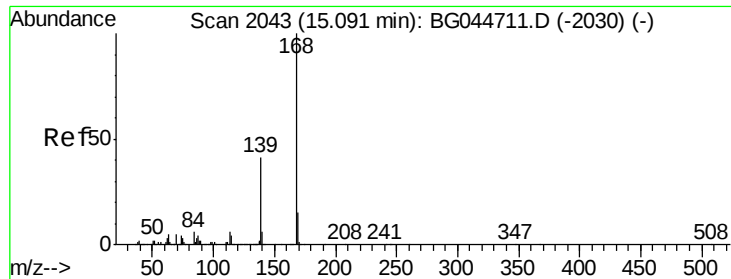


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

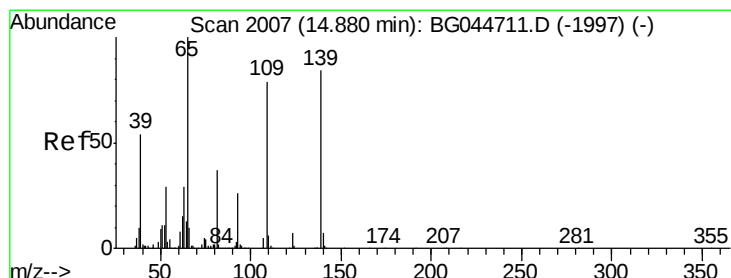
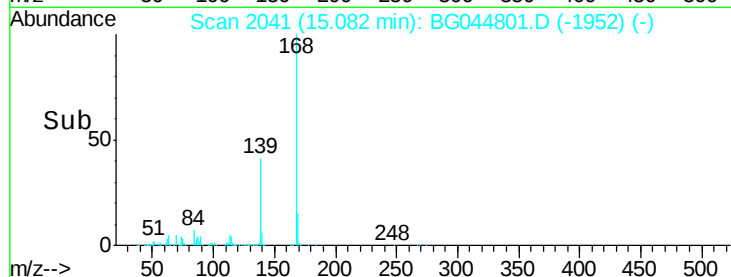
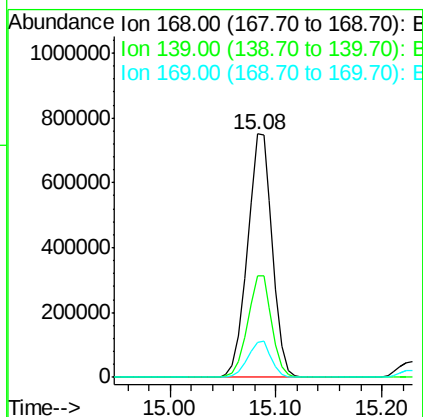
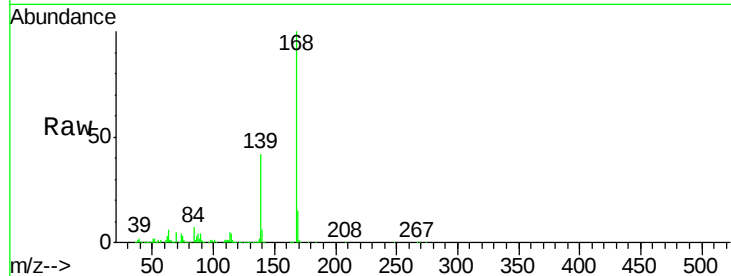




#55
Dibenzofuran
Concen: 48.45 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

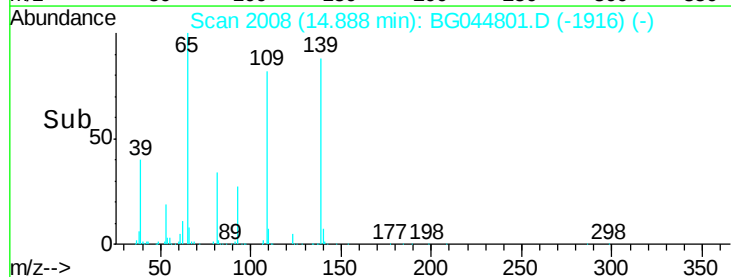
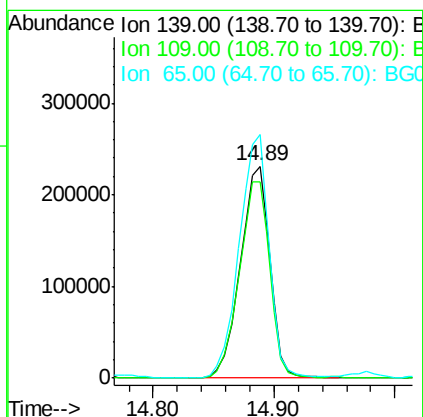
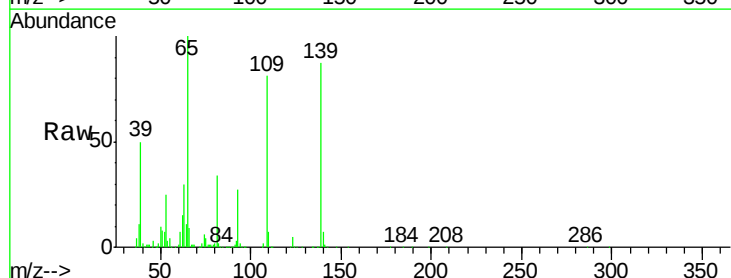
Instrument :
BNA_G
ClientSampleId :
PB127536BS

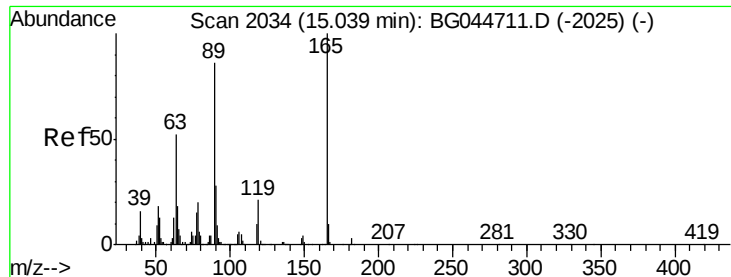
Tgt Ion:168 Resp: 1218143
Ion Ratio Lower Upper
168 100
139 41.5 32.6 49.0
169 14.5 11.8 17.6



#56
4-Nitrophenol
Concen: 101.53 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion:139 Resp: 395923
Ion Ratio Lower Upper
139 100
109 92.8 74.1 114.1
65 114.8 98.6 138.6





#57

2,4-Dinitrotoluene

Concen: 52.93 ng

RT: 15.04 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tgt Ion:165 Resp: 322624

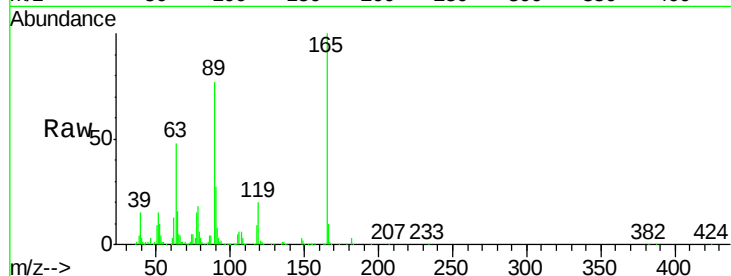
Ion Ratio Lower Upper

165 100

63 47.9 41.5 62.3

89 77.1 69.0 103.4

182 2.8 2.7 4.1

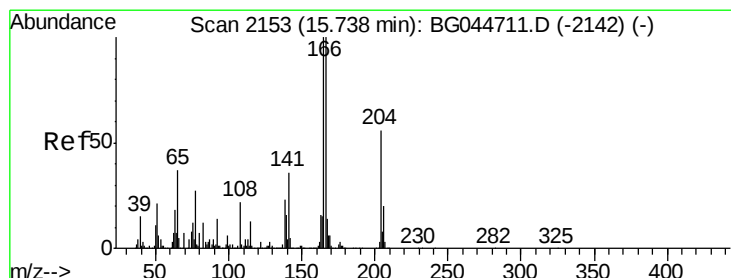
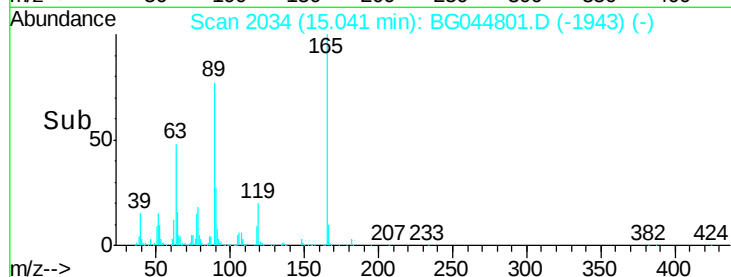
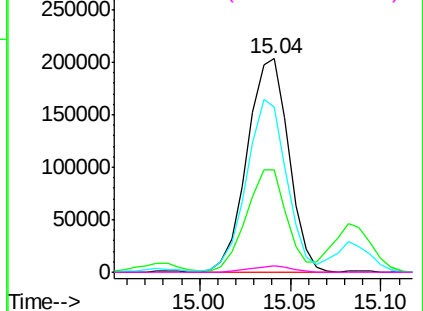


Abundance Ion 165.00 (164.70 to 165.70): E

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



#58

Fluorene

Concen: 47.93 ng

RT: 15.73 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

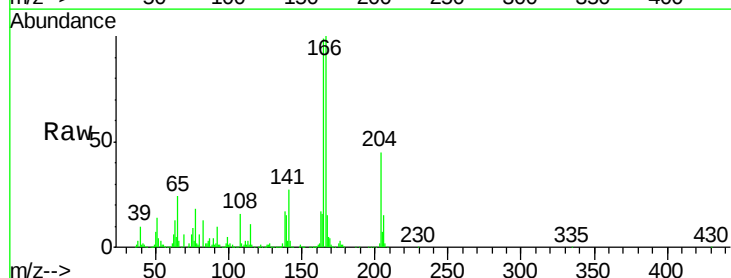
Tgt Ion:166 Resp: 991354

Ion Ratio Lower Upper

166 100

165 99.3 79.6 119.4

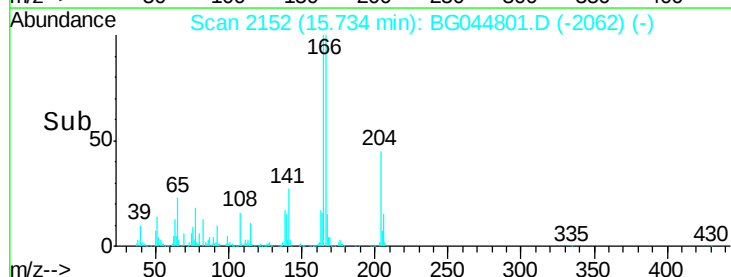
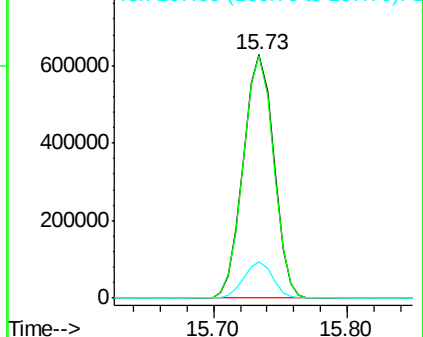
167 14.8 11.4 17.2

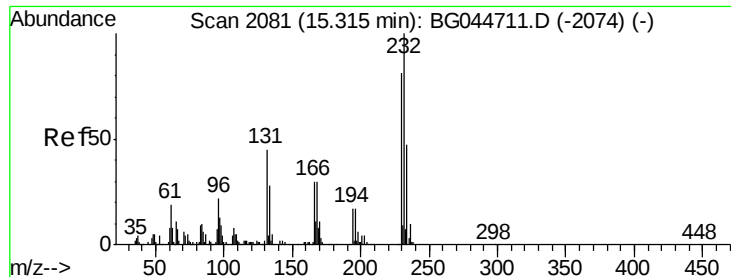


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

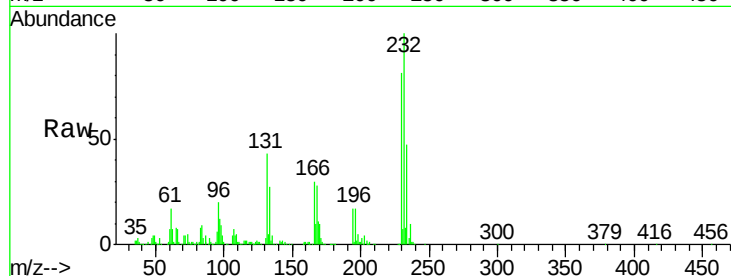




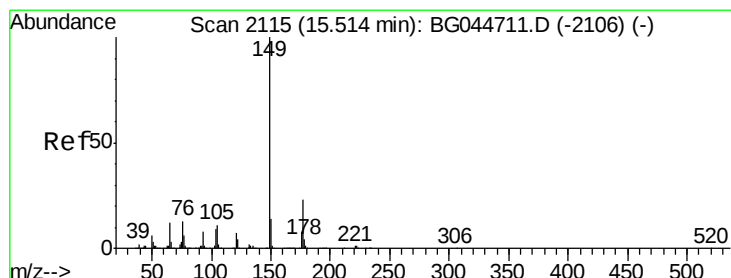
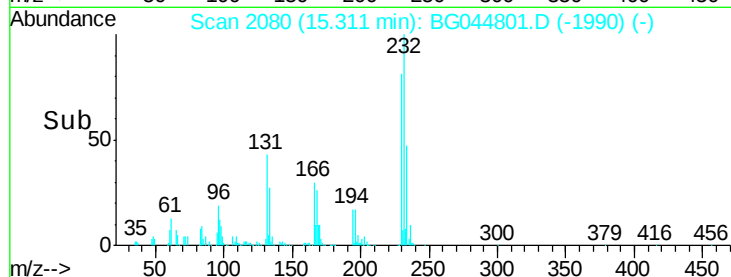
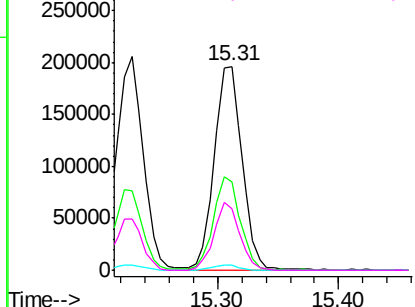
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.08 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tgt Ion:232 Resp: 312411
Ion Ratio Lower Upper
232 100
131 43.6 32.4 48.6
130 2.5 2.0 3.0
166 30.7 20.5 30.7

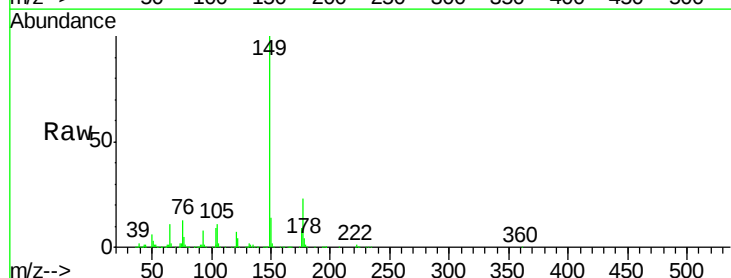


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

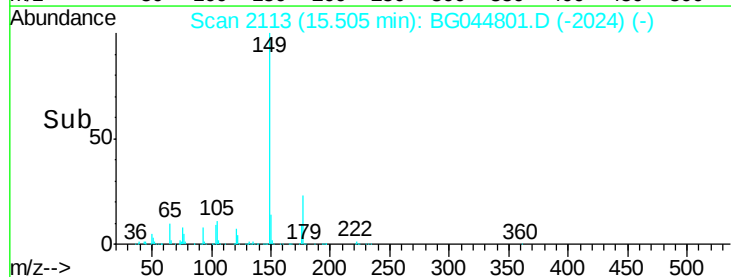
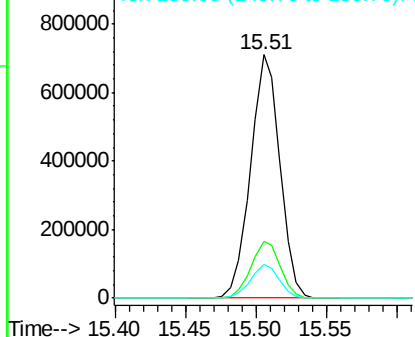


#60
Diethylphthalate
Concen: 45.09 ng
RT: 15.51 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion:149 Resp: 1036863
Ion Ratio Lower Upper
149 100
177 23.5 18.8 28.2
150 13.7 11.2 16.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

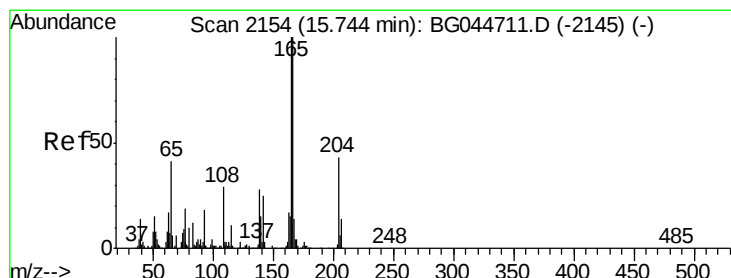
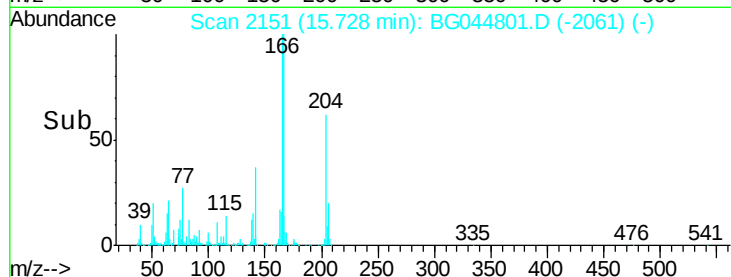
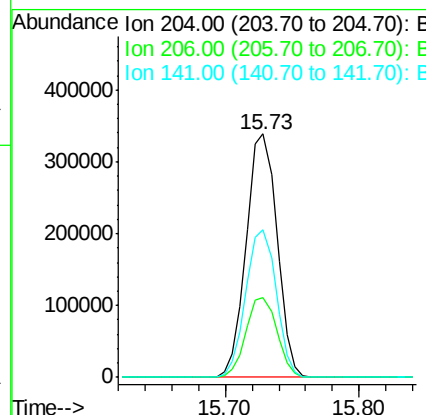
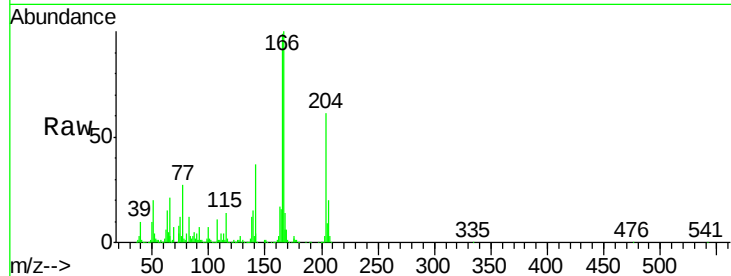




#61
4-Chlorophenyl-phenylether
Concen: 48.48 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

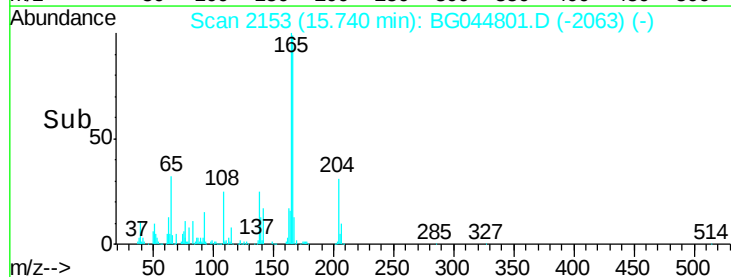
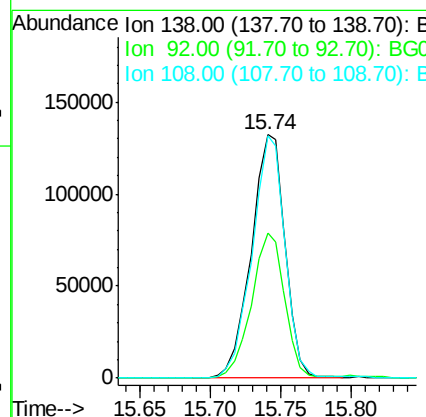
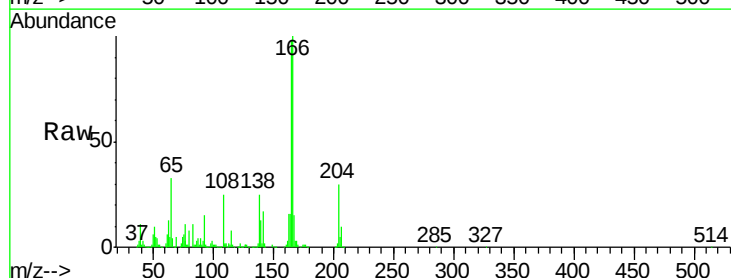
Instrument :
BNA_G
ClientSampleId :
PB127536BS

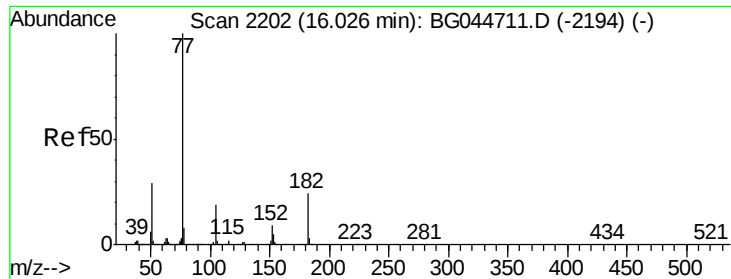
Tgt Ion:204 Resp: 539990
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 60.5 50.8 76.2



#62
4-Nitroaniline
Concen: 40.83 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion:138 Resp: 222454
Ion Ratio Lower Upper
138 100
92 59.6 42.1 82.1
108 99.6 81.2 121.2





#63

Azobenzene

Concen: 45.65 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tgt Ion: 77 Resp: 1090159

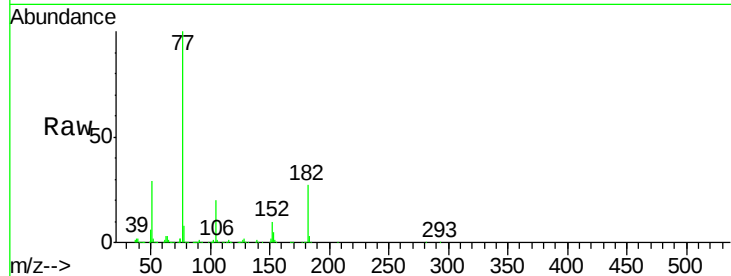
Ion Ratio Lower Upper

77 100

182 26.9 3.6 43.6

105 19.9 0.0 39.3

51 28.5 8.7 48.7

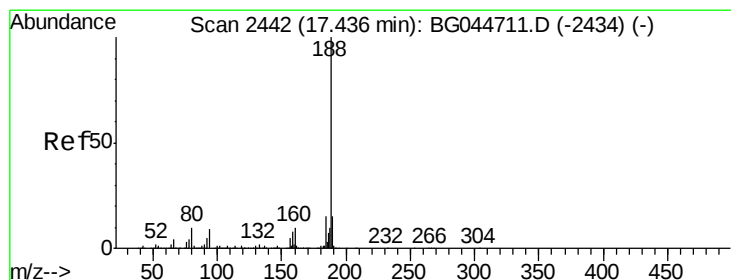
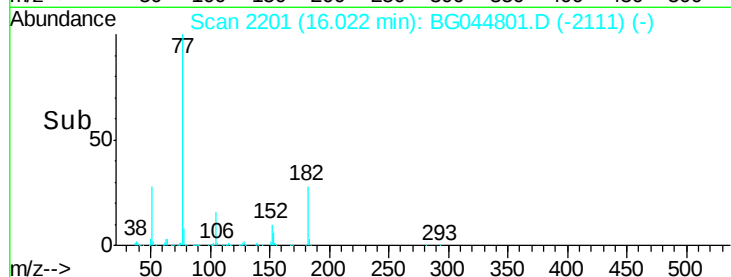
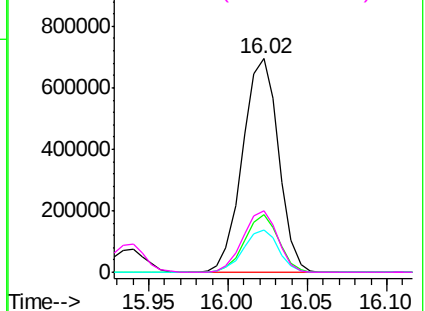


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

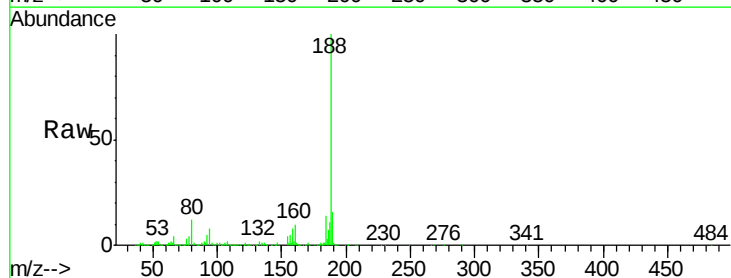
Tgt Ion: 188 Resp: 595694

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

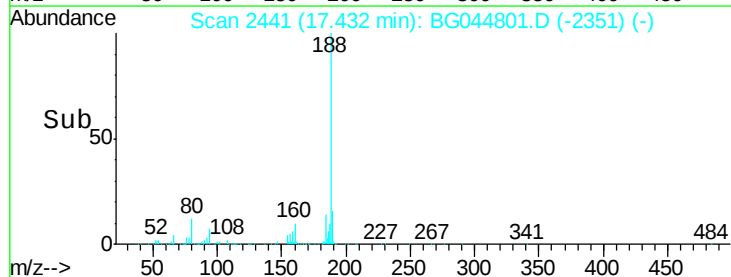
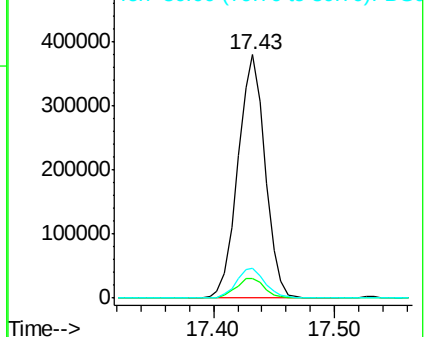
80 12.1 8.4 12.6

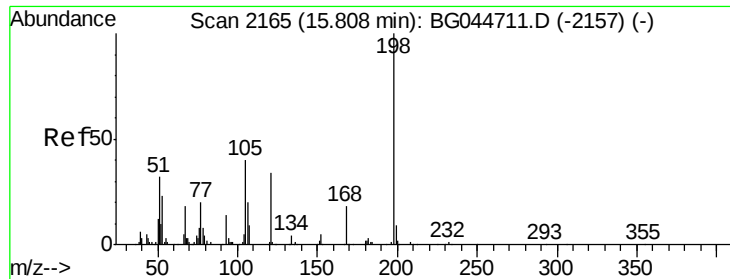


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

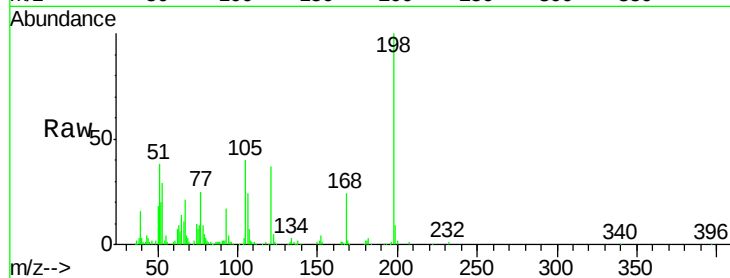




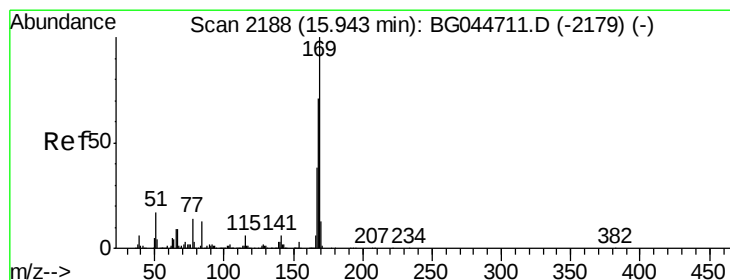
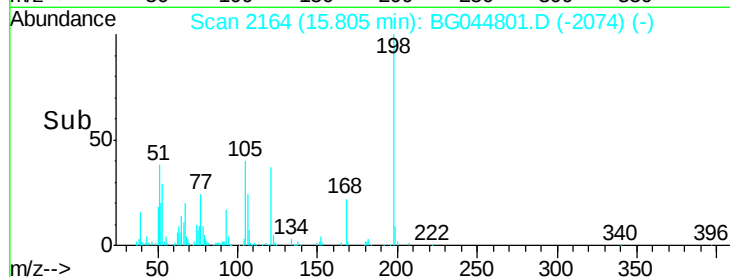
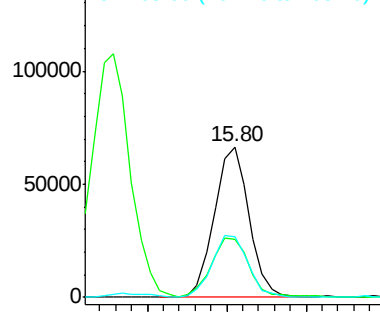
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.00 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.1	20.1	60.1
105	40.0	21.3	61.3

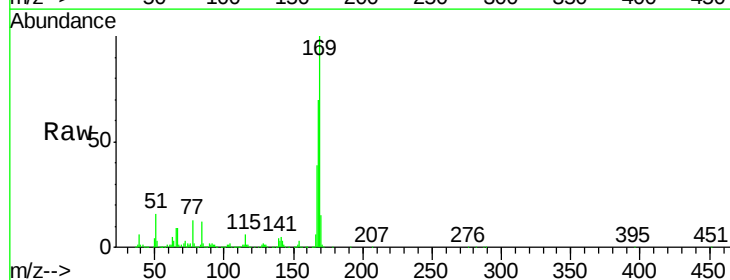


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

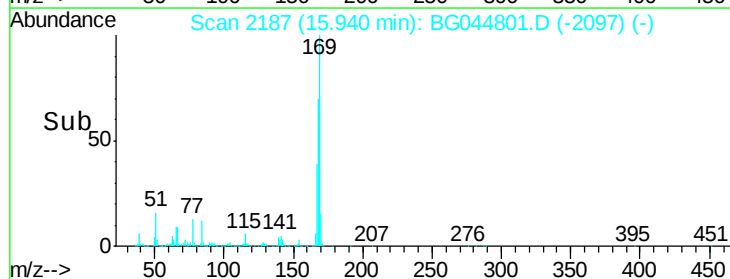
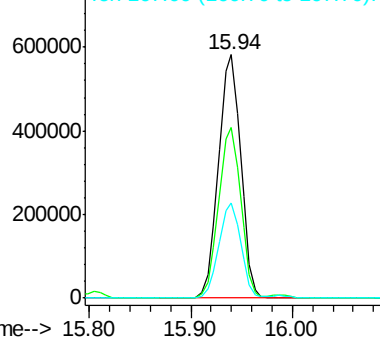


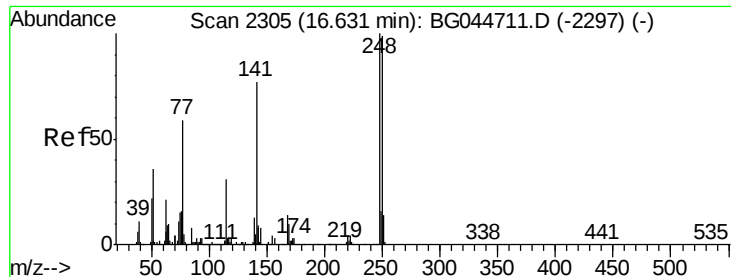
#66
 n-Nitrosodiphenylamine
 Concen: 49.56 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.6	85.0
167	39.2	30.1	45.1



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

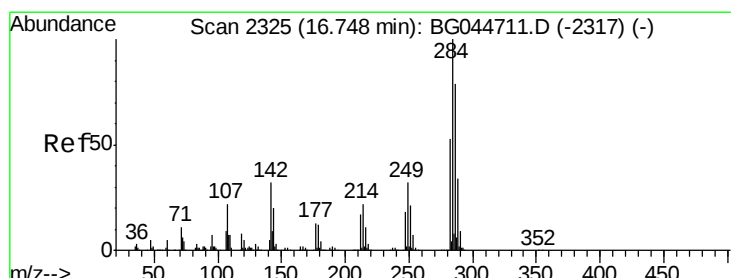
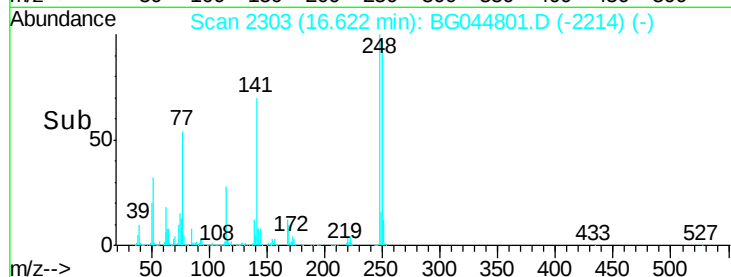
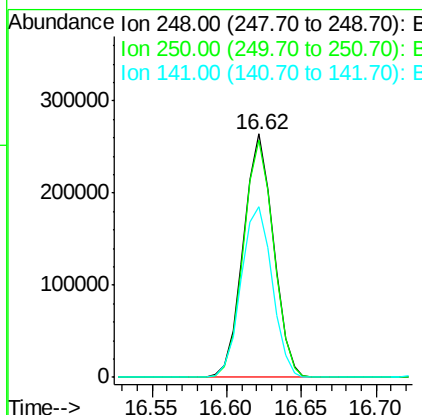
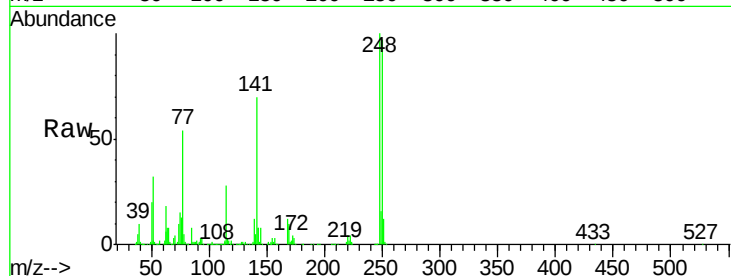




#67
4-Bromophenyl-phenylether
Concen: 49.43 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

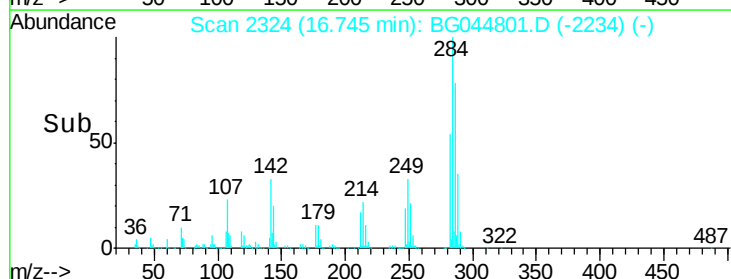
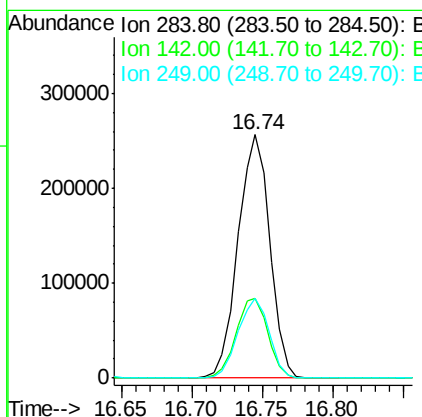
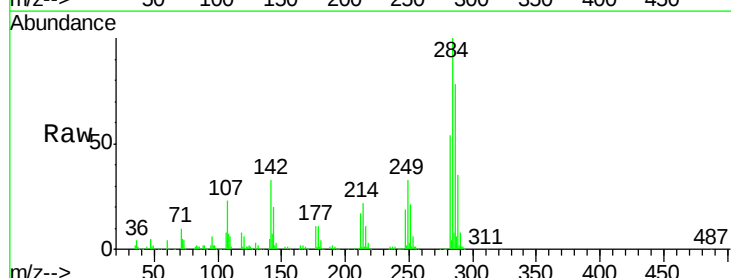
Instrument :
BNA_G
ClientSampleId :
PB127536BS

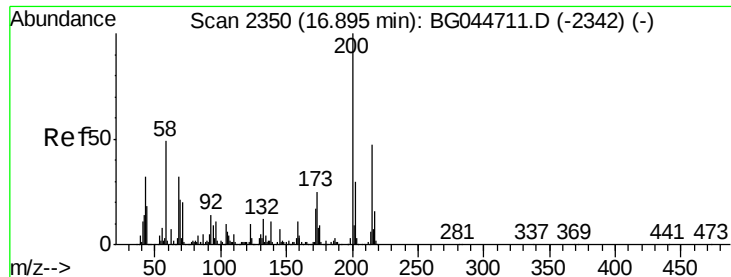
Tgt Ion:248 Resp: 368113
Ion Ratio Lower Upper
248 100
250 97.4 79.4 119.0
141 69.8 61.7 92.5



#68
Hexachlorobenzene
Concen: 49.74 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion:284 Resp: 401873
Ion Ratio Lower Upper
284 100
142 32.8 25.6 38.4
249 32.7 25.8 38.6





#69

Atrazine

Concen: 52.07 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

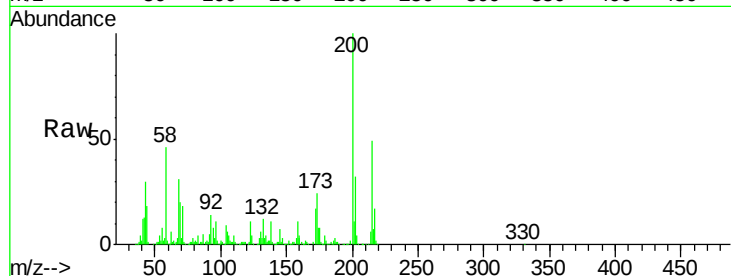
Tgt Ion:200 Resp: 342157

Ion Ratio Lower Upper

200 100

173 24.3 4.8 44.8

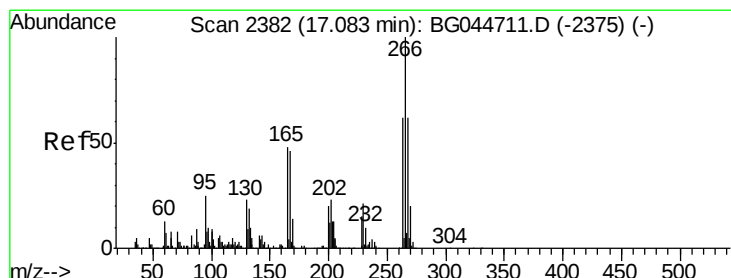
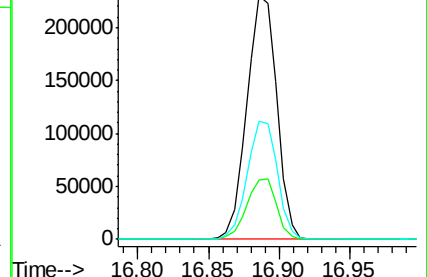
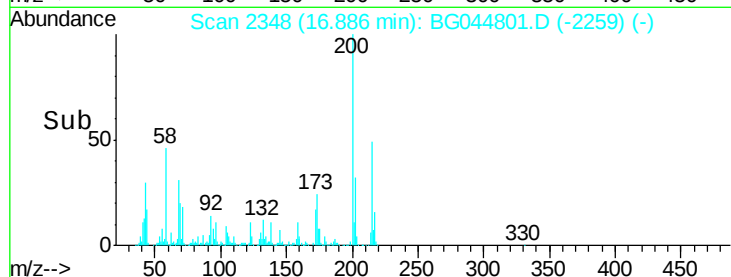
215 48.5 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 109.39 ng

RT: 17.09 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

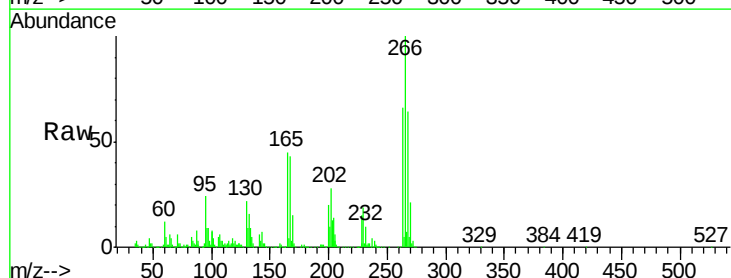
Tgt Ion:266 Resp: 486258

Ion Ratio Lower Upper

266 100

268 64.0 49.9 74.9

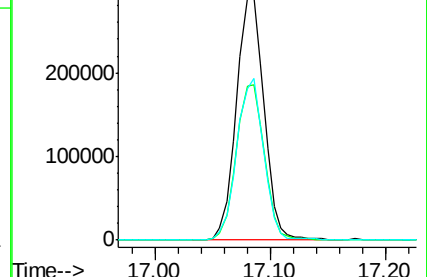
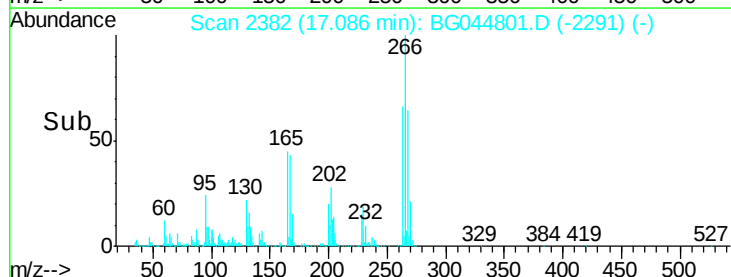
264 66.3 49.9 74.9

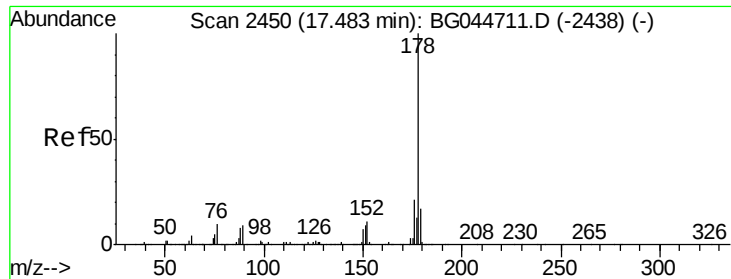


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.26 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

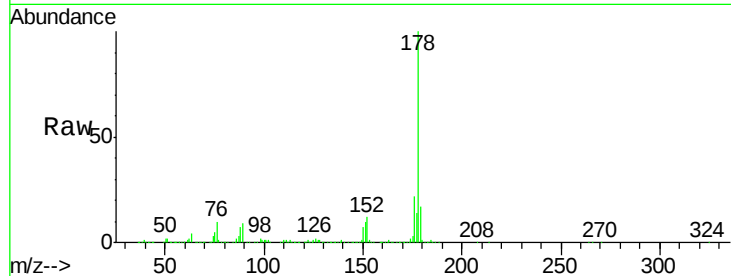
Tgt Ion:178 Resp: 1536266

Ion Ratio Lower Upper

178 100

176 22.4 17.0 25.6

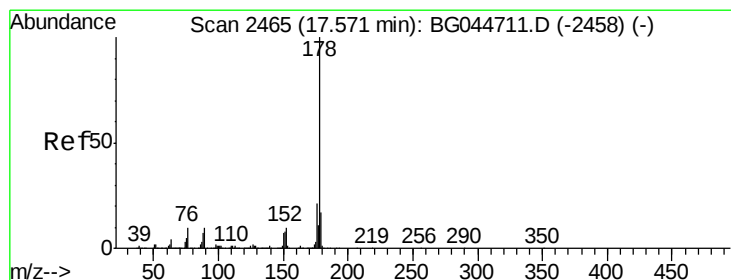
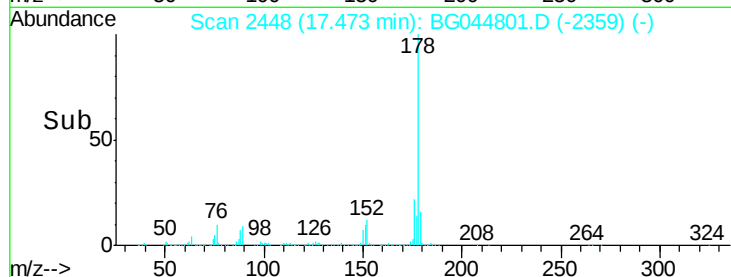
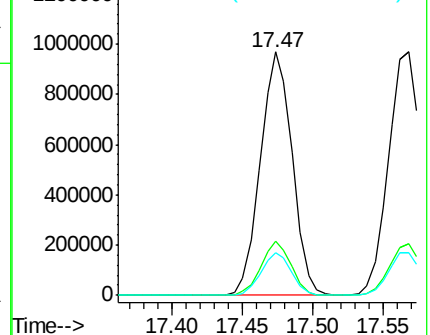
179 17.3 13.7 20.5



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



#72

Anthracene

Concen: 49.86 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

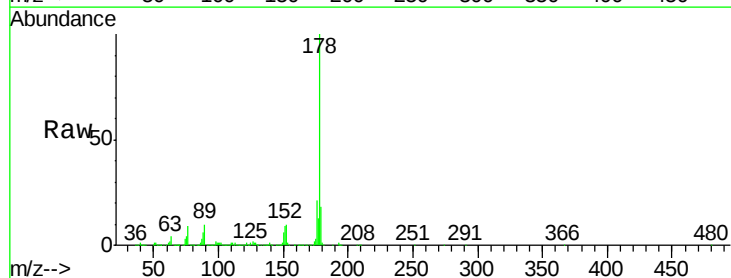
Tgt Ion:178 Resp: 1564922

Ion Ratio Lower Upper

178 100

176 21.0 17.0 25.6

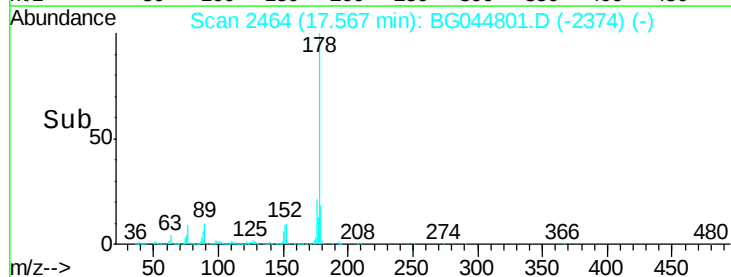
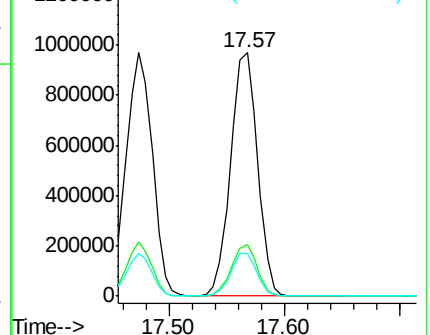
179 17.7 13.8 20.8



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





#73

Carbazole

Concen: 48.13 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

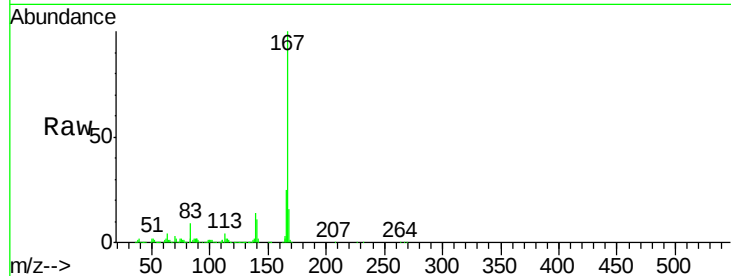
Tgt Ion:167 Resp: 1451255

Ion Ratio Lower Upper

167 100

166 25.0 19.6 29.4

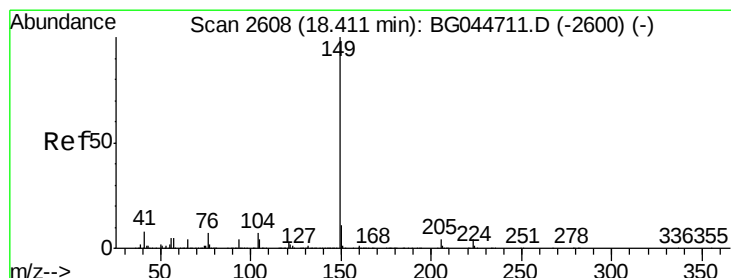
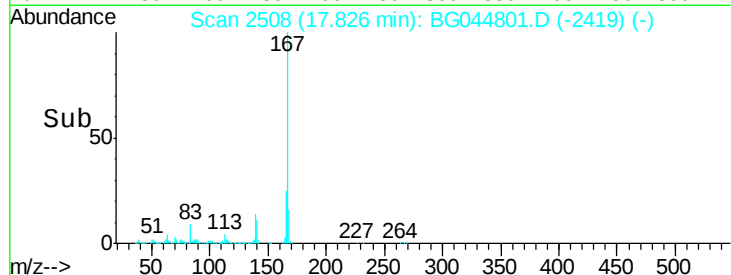
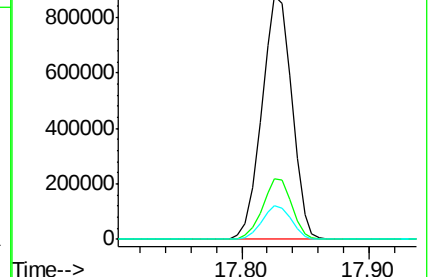
139 14.0 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.55 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

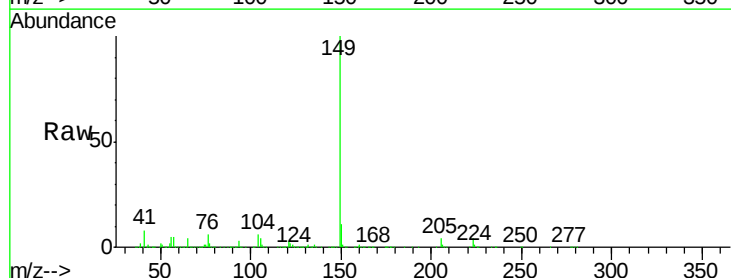
Tgt Ion:149 Resp: 1706246

Ion Ratio Lower Upper

149 100

150 10.8 8.4 12.6

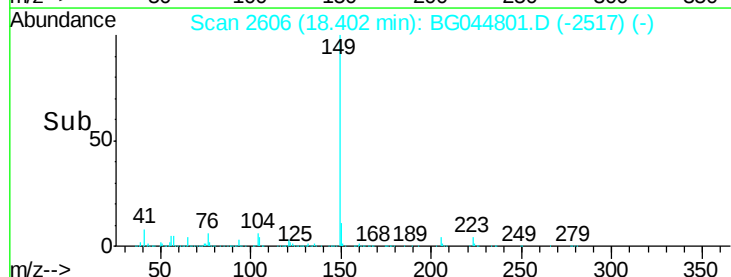
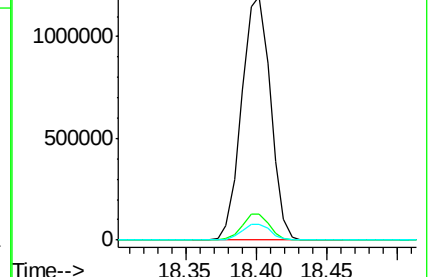
104 6.4 5.6 8.4

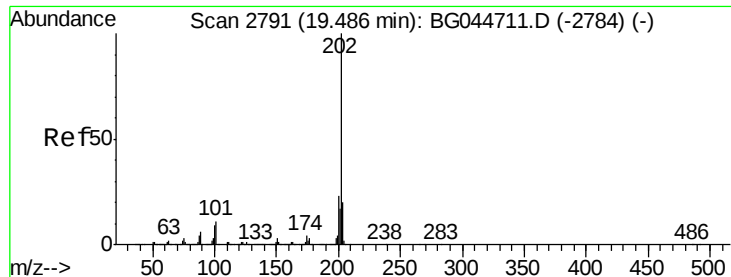


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.22 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

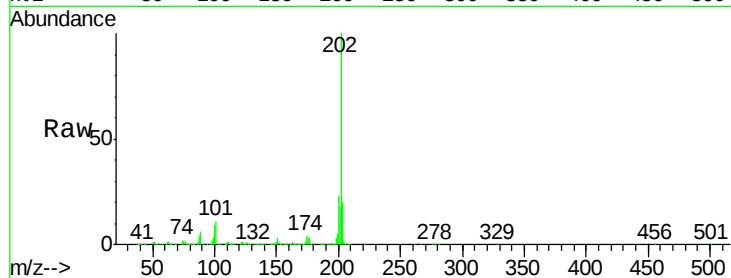
Tgt Ion:202 Resp: 1827472

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.3

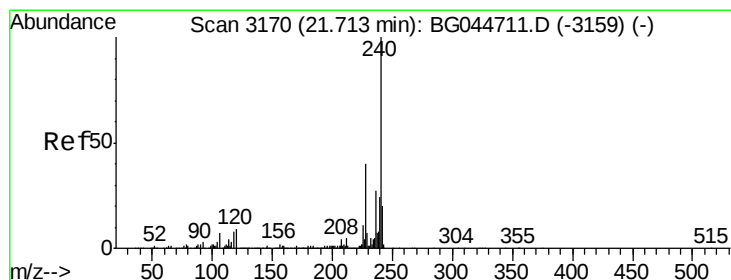
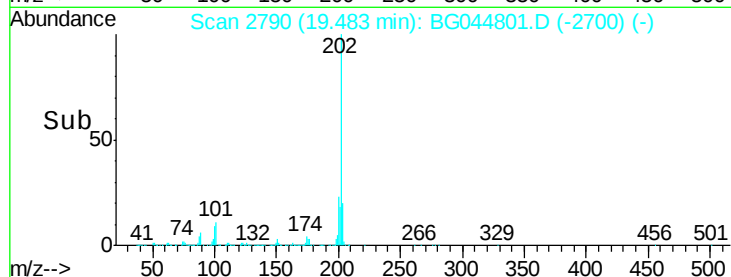
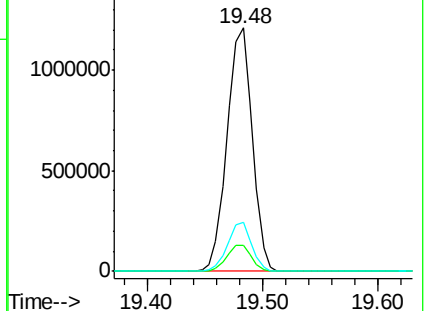
203 20.3 0.4 40.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

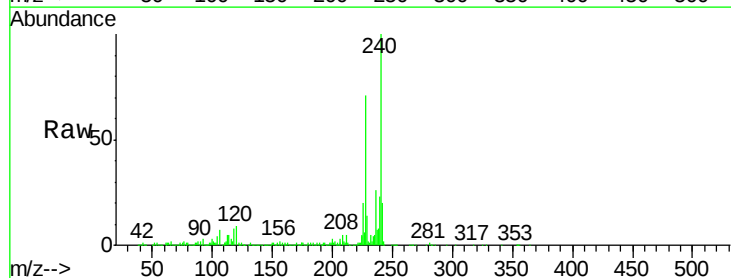
Tgt Ion:240 Resp: 499599

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

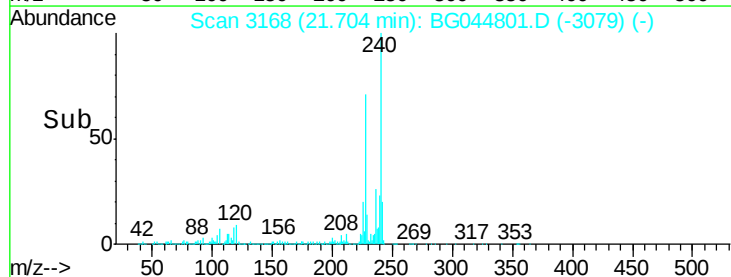
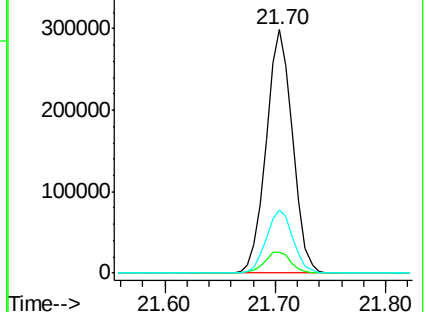
236 25.9 21.9 32.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

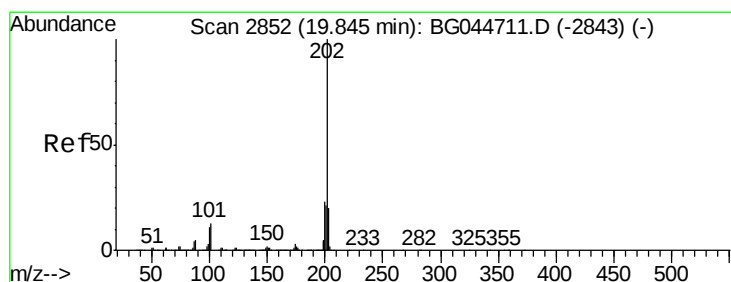
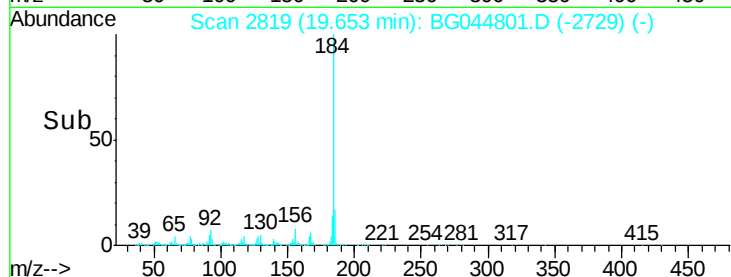
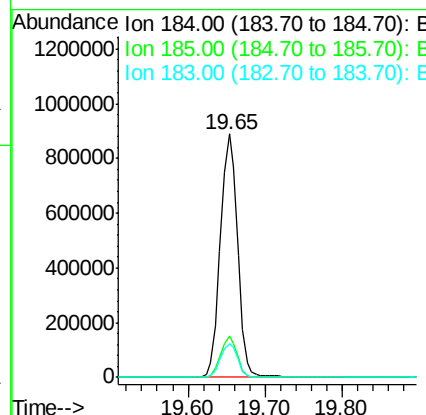
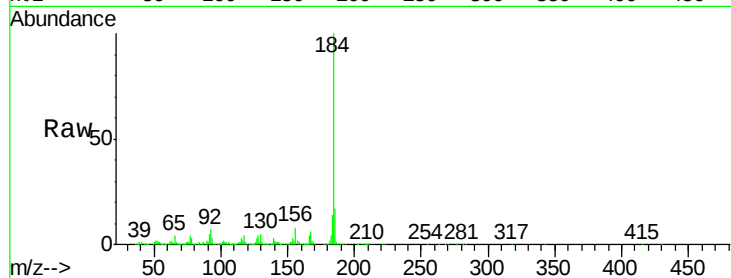




#77
Benzidine
Concen: 84.44 ng
RT: 19.65 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

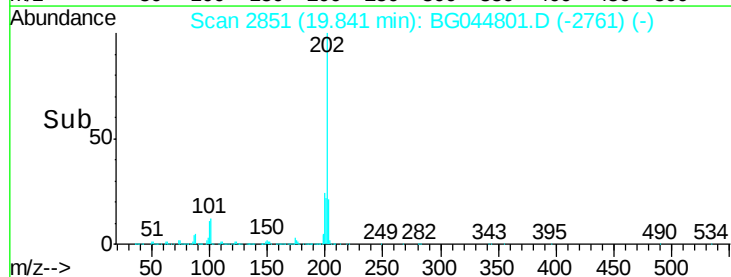
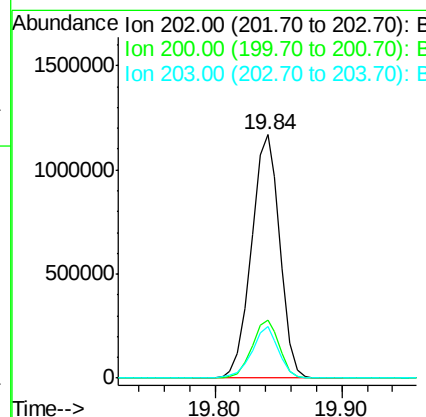
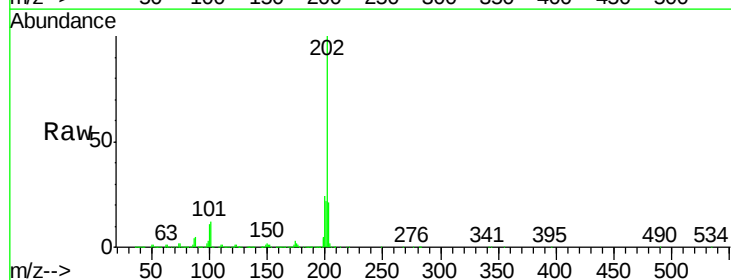
Instrument :
BNA_G
ClientSampleId :
PB127536BS

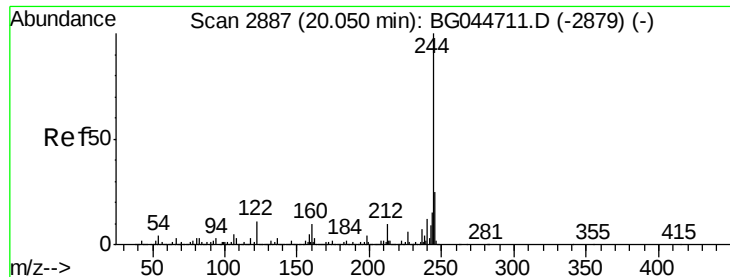
Tgt Ion:184 Resp: 1369523
Ion Ratio Lower Upper
184 100
185 17.0 12.9 19.3
183 13.9 10.6 15.8



#78
Pyrene
Concen: 49.38 ng
RT: 19.84 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion:202 Resp: 1809952
Ion Ratio Lower Upper
202 100
200 24.0 18.7 28.1
203 21.2 16.0 24.0





#79

Terphenyl-d14

Concen: 95.34 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

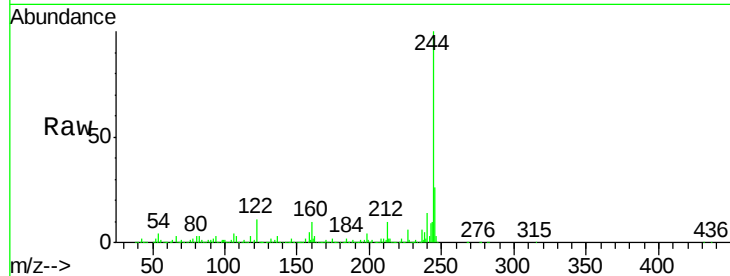
Tgt Ion:244 Resp: 2546339

Ion Ratio Lower Upper

244 100

212 10.4 8.4 12.6

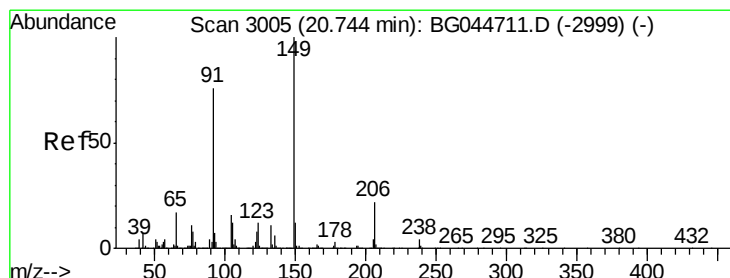
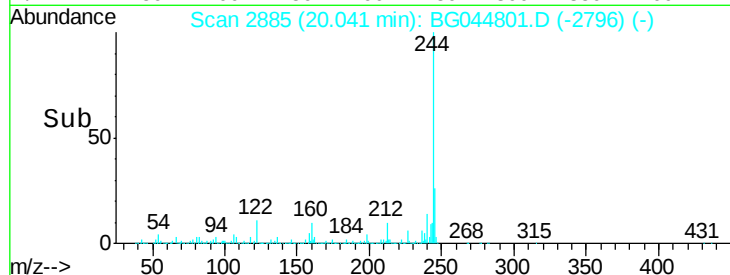
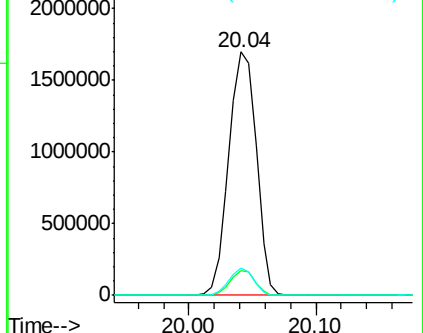
122 11.1 8.7 13.1



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



#80

Butylbenzylphthalate

Concen: 47.92 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

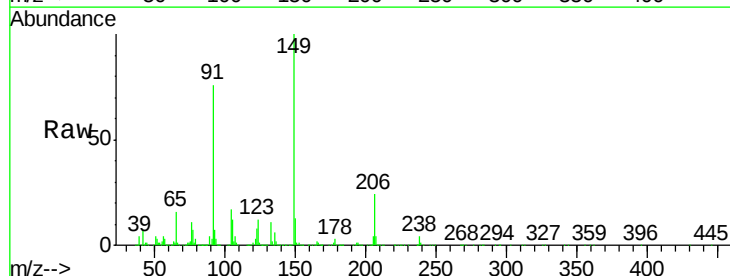
Tgt Ion:149 Resp: 781403

Ion Ratio Lower Upper

149 100

91 75.8 61.1 91.7

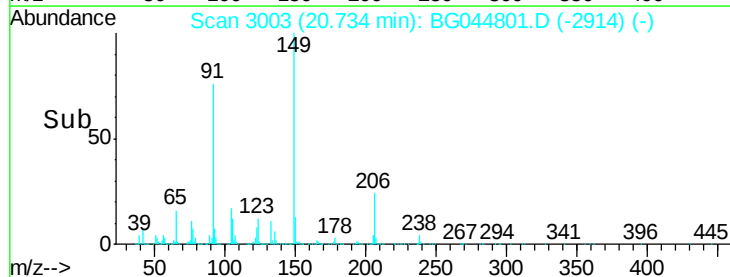
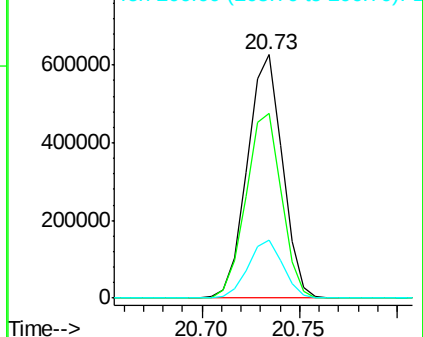
206 23.9 17.4 26.2

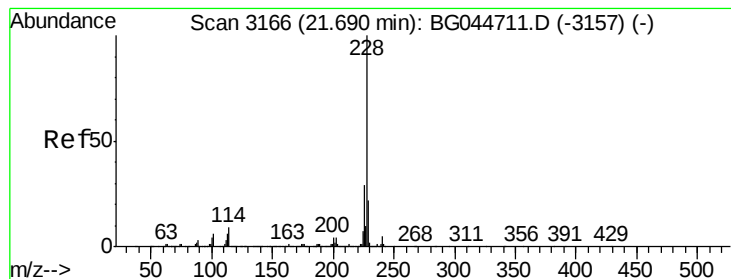


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.15 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

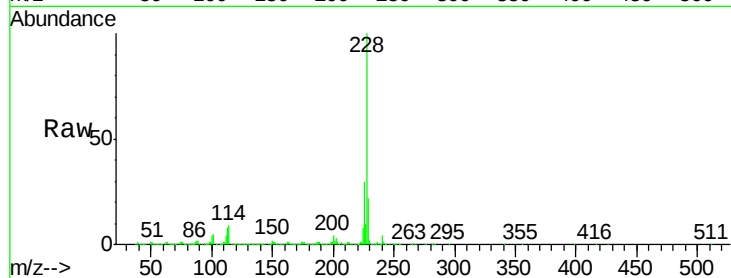
Tgt Ion:228 Resp: 1768091

Ion Ratio Lower Upper

228 100

226 30.1 23.5 35.3

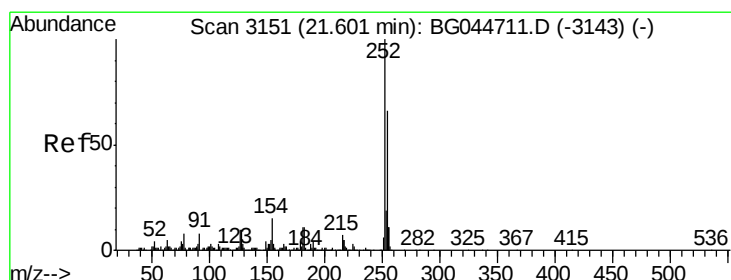
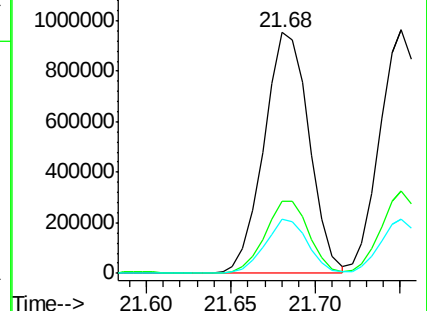
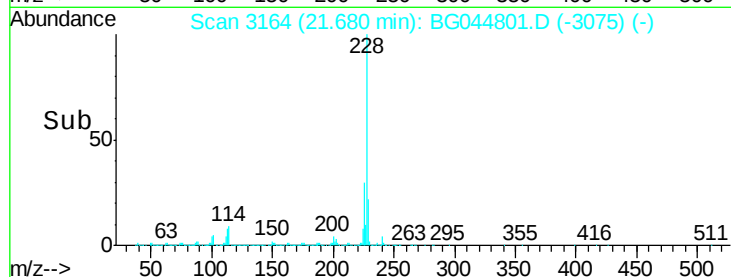
229 22.4 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.34 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

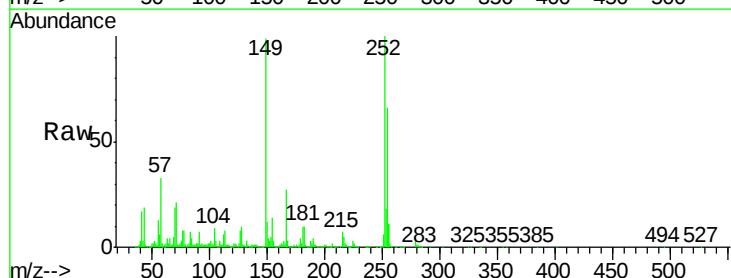
Tgt Ion:252 Resp: 630978

Ion Ratio Lower Upper

252 100

254 66.3 53.0 79.4

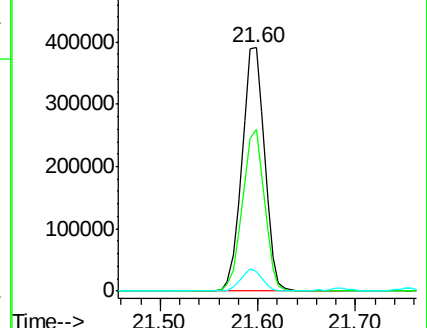
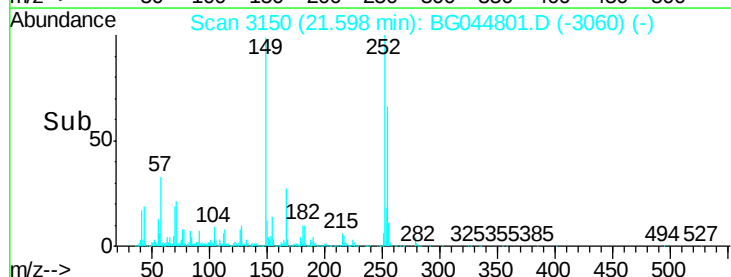
126 8.2 8.2 12.4

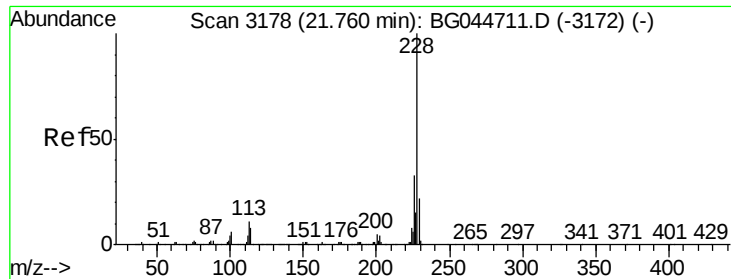


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.31 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

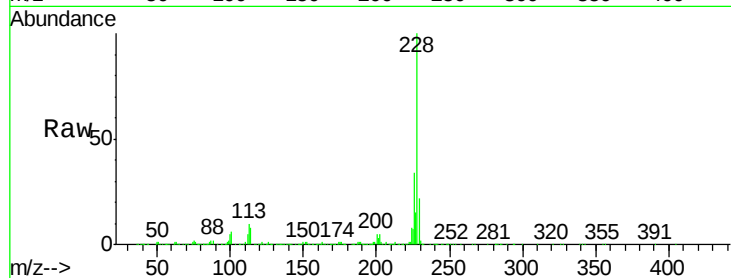
BNA_G

ClientSampleId :

PB127536BS

Tgt Ion:228 Resp: 1660177

Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.1	39.1
229	22.1	17.4	26.0

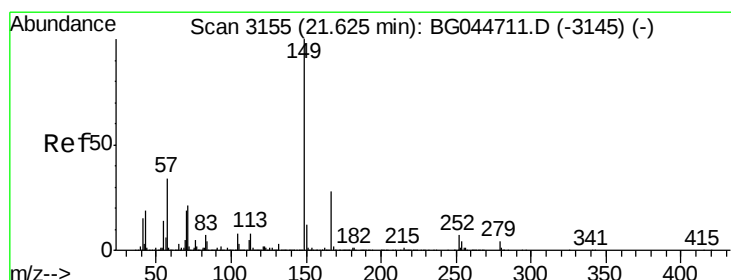
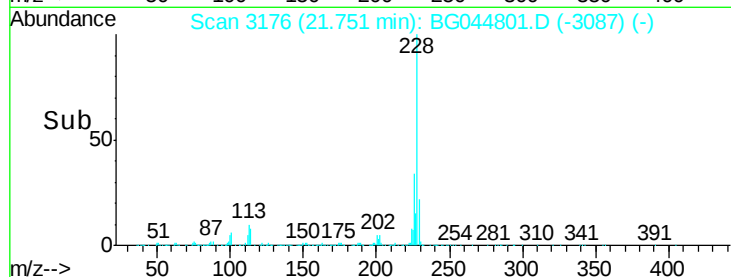
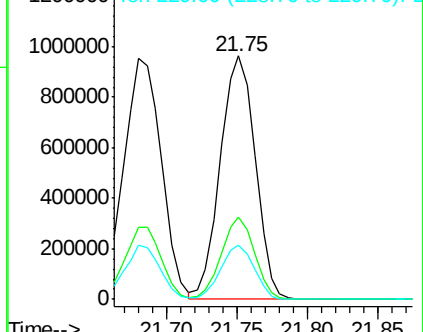


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.94 ng

RT: 21.61 min Scan# 3152

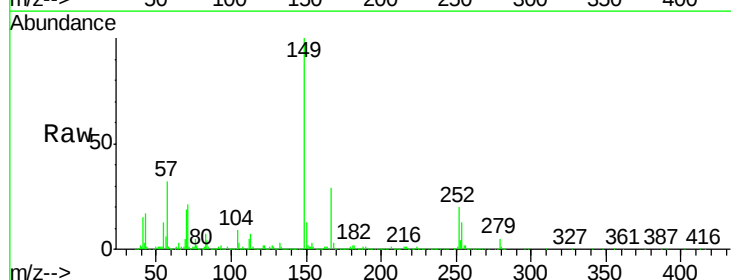
Delta R.T. -0.02 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Tgt Ion:149 Resp: 1078978

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.6	33.8
279	5.4	3.5	5.3#

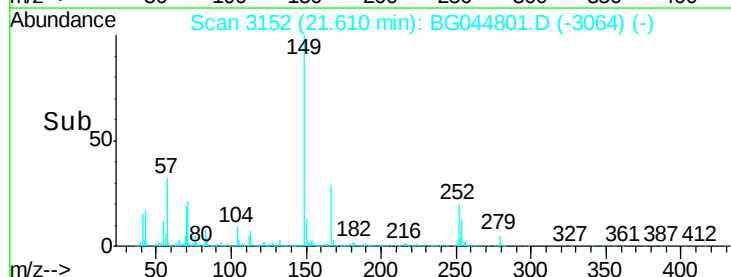
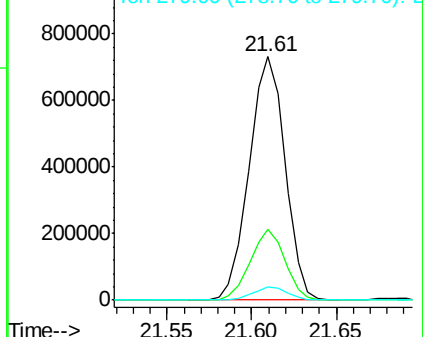


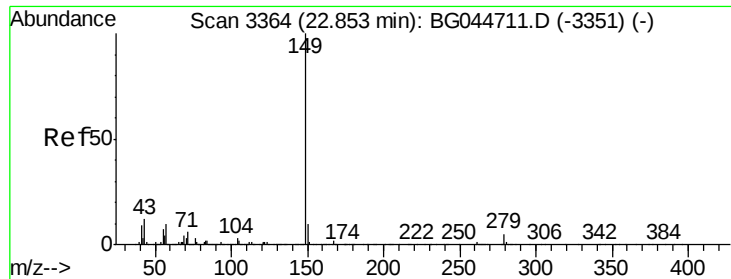
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.12 ng

RT: 22.83 min Scan# 3360

Delta R.T. -0.02 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

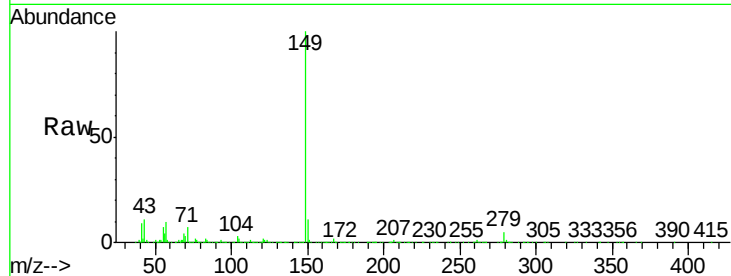
Tgt Ion:149 Resp: 1849708

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

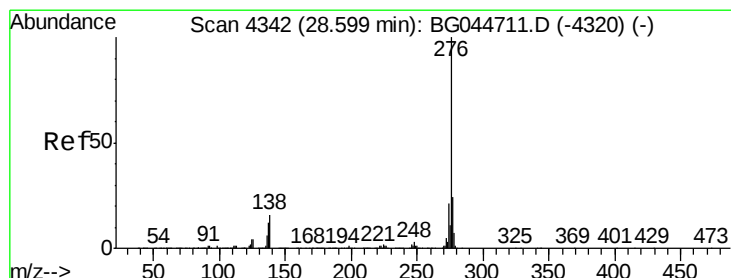
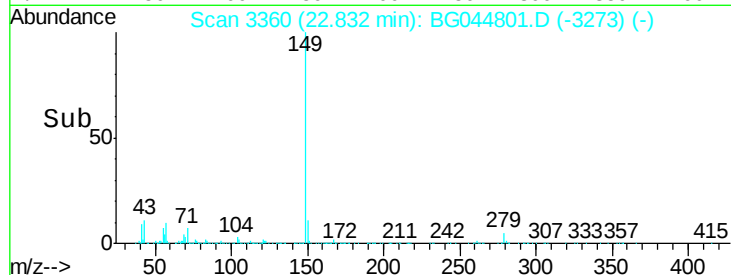
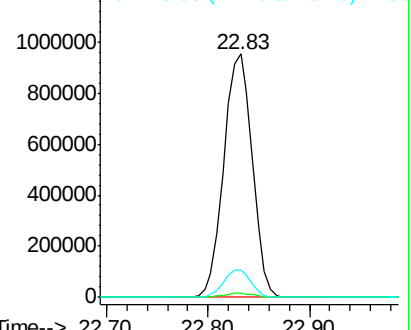
43 10.7 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.96 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.02 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

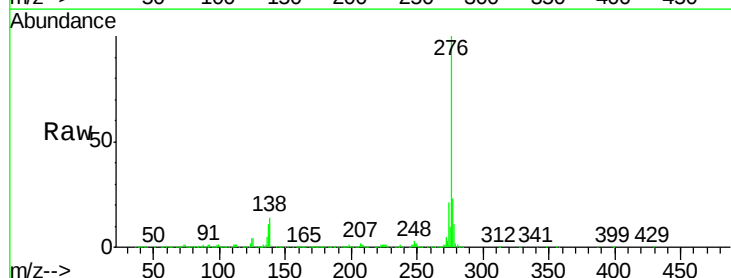
Tgt Ion:276 Resp: 2070761

Ion Ratio Lower Upper

276 100

138 6.5 10.9 16.3#

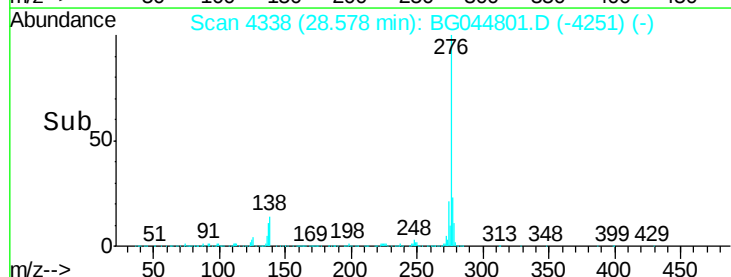
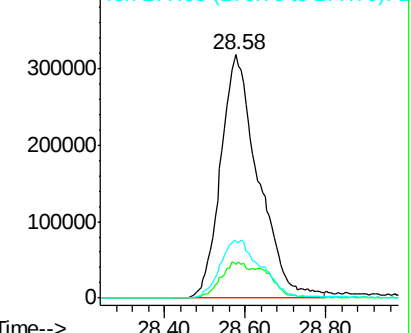
277 25.6 20.8 31.2

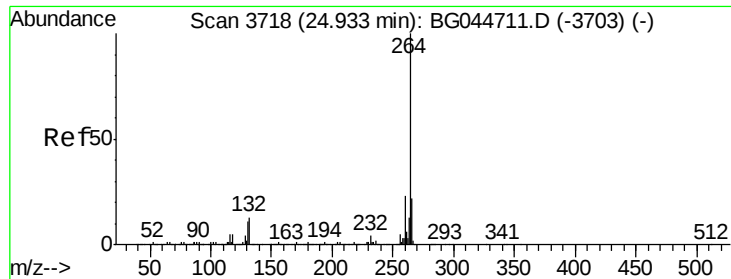


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



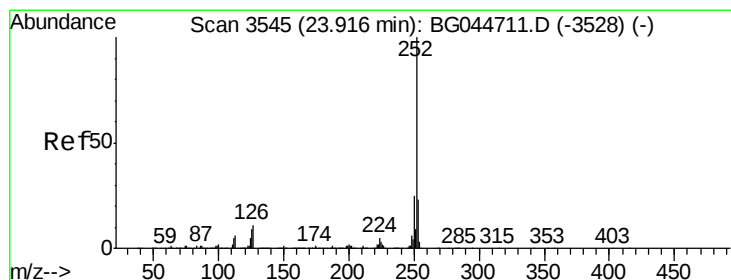
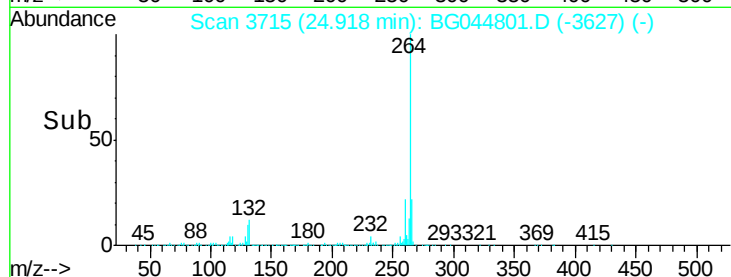
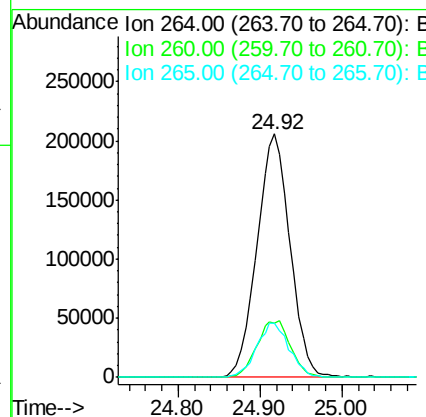
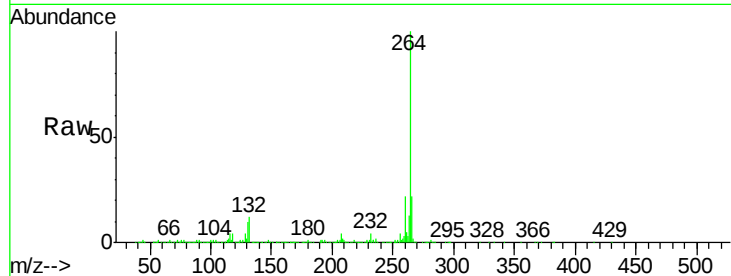


#87
Perylene-d12
Concen: 20.00 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tgt Ion: 264 Resp: 576800

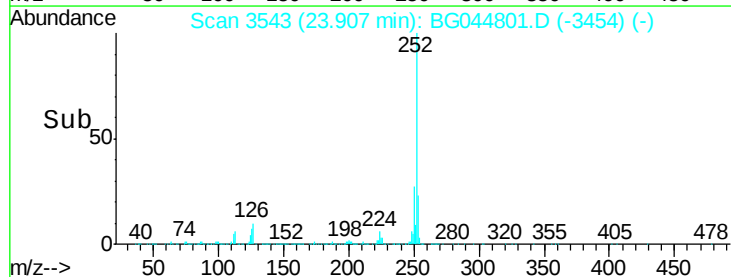
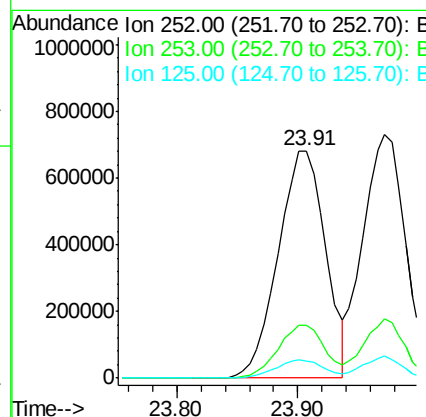
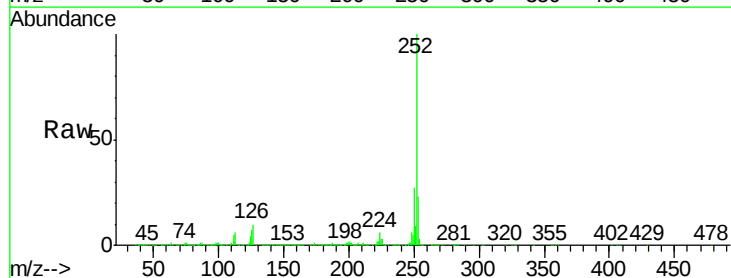
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.4	27.6
265	22.4	17.4	26.2

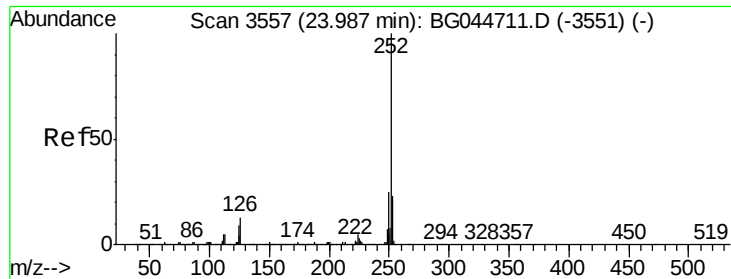


#88
Benzo(b)fluoranthene
Concen: 48.56 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion: 252 Resp: 1849283

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	7.5	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 49.40 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.02 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

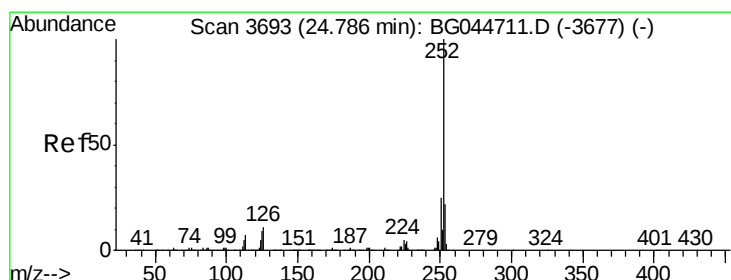
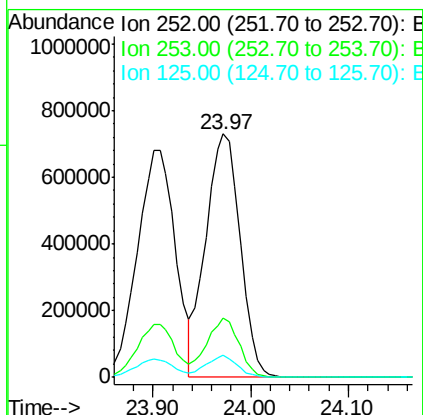
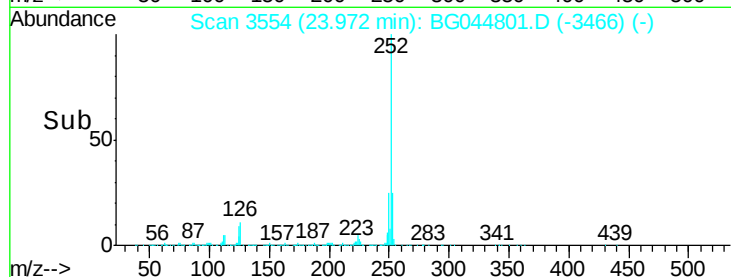
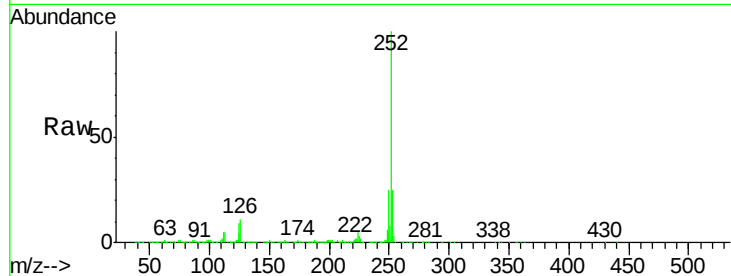
Tgt Ion:252 Resp: 1780033

Ion Ratio Lower Upper

252 100

253 24.6 18.4 27.6

125 8.9 7.0 10.4



#90

Benzo(a)pyrene

Concen: 47.83 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

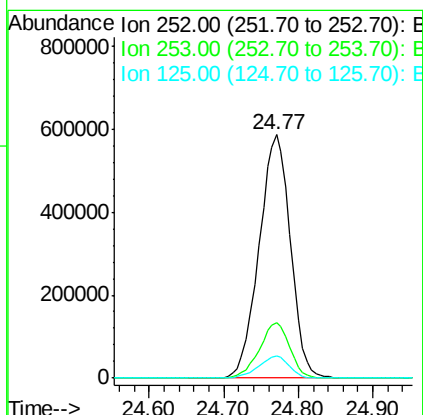
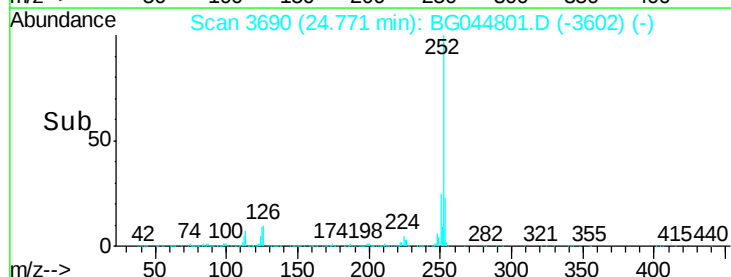
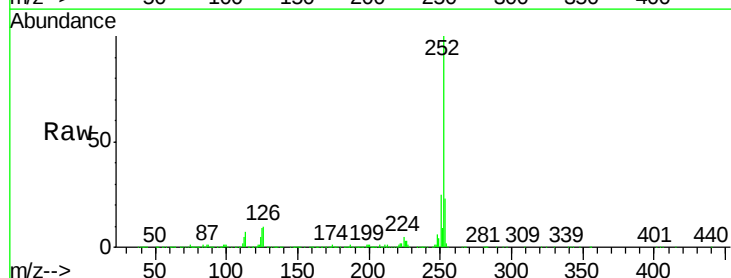
Tgt Ion:252 Resp: 1704376

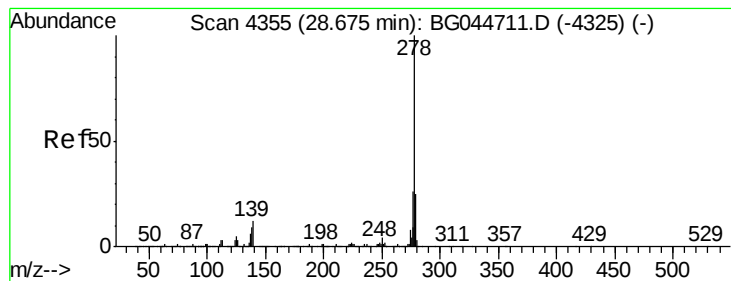
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 9.1 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 48.61 ng

RT: 28.65 min Scan# 4350

Delta R.T. -0.03 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

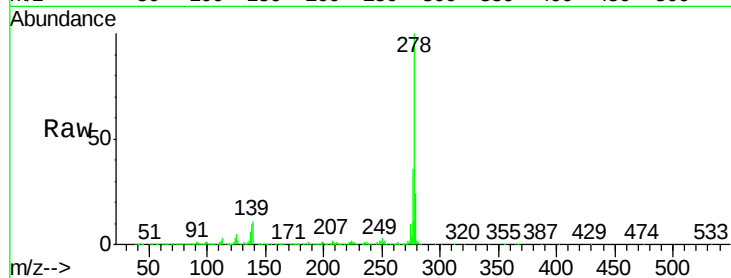
Tgt Ion:278 Resp: 1708609

Ion Ratio Lower Upper

278 100

139 11.2 9.9 14.9

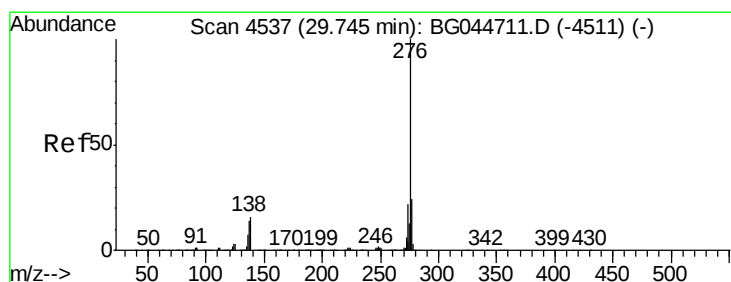
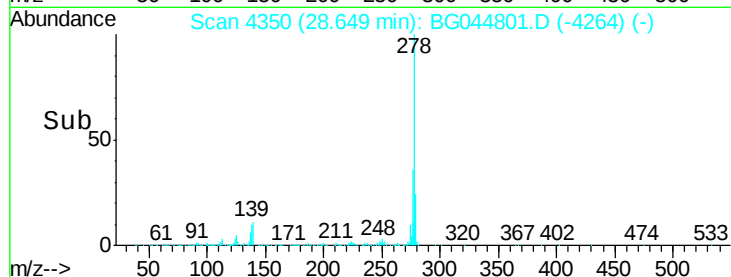
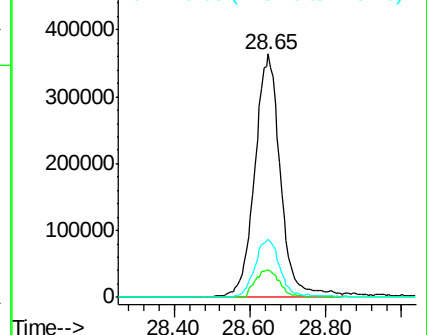
279 23.7 20.2 30.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.72 ng

RT: 29.72 min Scan# 4532

Delta R.T. -0.03 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

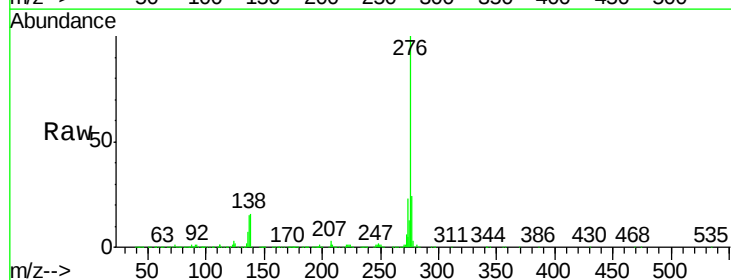
Tgt Ion:276 Resp: 1552531

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 16.0 13.0 19.4



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

