

Data File : BG044077.D
Acq On : 17 Jan 2020 16:41
Operator : JU
Sample : PB126138BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Quant Time: Jan 18 03:07:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75630	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	322352	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	220775	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	493507	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	409935	20.00	ng	-0.03
87) Perylene-d12	24.67	264	469815	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	624029	151.50	ng	-0.03
7) Phenol-d6	7.11	99	831901	144.49	ng	-0.02
23) Nitrobenzene-d5	9.09	82	428434	71.10	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	334411	144.74	ng	-0.03
45) 2-Fluorobiphenyl	13.20	172	978241	80.28	ng	-0.03
79) Terphenyl-d14	19.93	244	1459428	86.14	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	109175	60.789	ng	98
3) Pyridine	3.79	79	191779	36.147	ng	94
4) n-Nitrosodimethylamine	3.70	42	94446	39.983	ng	99
6) Aniline	7.26	93	242969	32.128	ng	97
8) 2-Chlorophenol	7.50	128	238242	49.268	ng	96
9) Benzaldehyde	7.06	77	118659	32.200	ng	99
10) Phenol	7.13	94	296420	49.968	ng	100
11) bis(2-Chloroethyl)ether	7.35	93	216150	42.211	ng	99
12) 1,3-Dichlorobenzene	7.82	146	238118	42.080	ng	99
13) 1,4-Dichlorobenzene	7.97	146	240669	43.105	ng	100
14) 1,2-Dichlorobenzene	8.29	146	228559	42.649	ng	99
15) Benzyl Alcohol	8.17	79	202177	44.493	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.47	45	294997	37.237	ng	98
17) 2-Methylphenol	8.38	107	209845	48.882	ng	97
18) Hexachloroethane	9.02	117	89080	41.003	ng	96
19) n-Nitroso-di-n-propylamine	8.74	70	172294	40.182	ng	# 97
20) 3+4-Methylphenols	8.71	107	288227	48.129	ng	96
22) Acetophenone	8.75	105	323207	40.331	ng	# 98
24) Nitrobenzene	9.13	77	244141	40.908	ng	99
25) Isophorone	9.66	82	475447	42.057	ng	99
26) 2-Nitrophenol	9.84	139	137861	48.825	ng	98
27) 2,4-Dimethylphenol	9.91	122	236904	55.738	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	304441	40.394	ng	99
29) 2,4-Dichlorophenol	10.39	162	241679	47.669	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	230807	40.602	ng	98
31) Naphthalene	10.79	128	697910	44.740	ng	99
32) Benzoic acid	10.06	122	129388	38.767	ng	96
33) 4-Chloroaniline	10.89	127	174436	23.445	ng	96
34) Hexachlorobutadiene	11.08	225	133877	38.573	ng	98
35) Caprolactam	11.66	113	73031	38.695	ng	96
36) 4-Chloro-3-methylphenol	12.03	107	262654	48.665	ng	98
37) 2-Methylnaphthalene	12.40	142	526075	44.795	ng	96
38) 1-Methylnaphthalene	12.61	142	499541	44.880	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	248425	38.391	ng	98

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QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	333795	99.498	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	197564	44.371	ng	98
44) 2,4,5-Trichlorophenol	13.08	196	213241	46.435	ng	99
46) 1,1'-Biphenyl	13.40	154	665841	42.064	ng	98
47) 2-Chloronaphthalene	13.44	162	519777	40.636	ng	98
48) 2-Nitroaniline	13.64	65	165554	40.237	ng	97
49) Acenaphthylene	14.29	152	841692	45.783	ng	96
50) Dimethylphthalate	14.02	163	684159	43.644	ng	98
51) 2,6-Dinitrotoluene	14.14	165	158841	44.831	ng	96
52) Acenaphthene	14.64	154	519122	40.264	ng	99
53) 3-Nitroaniline	14.47	138	119379	29.670	ng	99
54) 2,4-Dinitrophenol	14.68	184	192014	104.568	ng	96
55) Dibenzofuran	14.97	168	811306	45.711	ng	98
56) 4-Nitrophenol	14.79	139	302052	97.966	ng	94
57) 2,4-Dinitrotoluene	14.93	165	225856	46.847	ng	97
58) Fluorene	15.62	166	644348	45.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	188911	47.840	ng	97
60) Diethylphthalate	15.39	149	711175	45.359	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	332565	43.537	ng	98
62) 4-Nitroaniline	15.63	138	165831	41.736	ng	91
63) Azobenzene	15.90	77	645192	44.372	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	135077	52.655	ng	97
66) n-Nitrosodiphenylamine	15.82	169	624886	42.997	ng	97
67) 4-Bromophenyl-phenylether	16.50	248	221075	39.830	ng	100
68) Hexachlorobenzene	16.63	284	234964	39.287	ng	97
69) Atrazine	16.77	200	229714	48.627	ng	100
70) Pentachlorophenol	16.97	266	267449	81.121	ng	99
71) Phenanthrene	17.36	178	1049477	44.336	ng	98
72) Anthracene	17.44	178	1079366	46.139	ng	97
73) Carbazole	17.71	167	954229	44.158	ng	97
74) Di-n-butylphthalate	18.28	149	1190121	43.136	ng	96
75) Fluoranthene	19.37	202	1188757	43.912	ng	97
77) Benzidine	19.54	184	497218	48.255	ng	99
78) Pyrene	19.72	202	1195191	44.667	ng	96
80) Butylbenzylphthalate	20.62	149	549607	43.143	ng	96
81) Benzo(a)anthracene	21.55	228	1134610	44.636	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	328227	32.684	ng	99
83) Chrysene	21.61	228	1083343	44.854	ng	96
84) Bis(2-ethylhexyl)phthalate	21.47	149	777451	44.229	ng	98
85) Di-n-octyl phthalate	22.64	149	1379275	46.674	ng	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1382169	42.109	ng	# 91
88) Benzo(b)fluoranthene	23.69	252	1199318	43.181	ng	98
89) Benzo(k)fluoranthene	23.75	252	1130422	42.800	ng	98
90) Benzo(a)pyrene	24.53	252	1088187	41.512	ng	97
91) Dibenzo(a,h)anthracene	28.26	278	1143292	43.427	ng	97
92) Benzo(g,h,i)perylene	29.30	276	1146132	43.828	ng	97

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

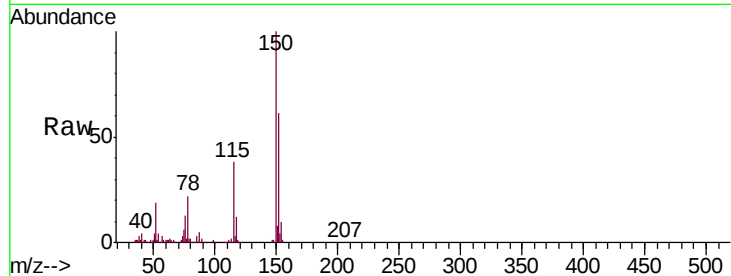


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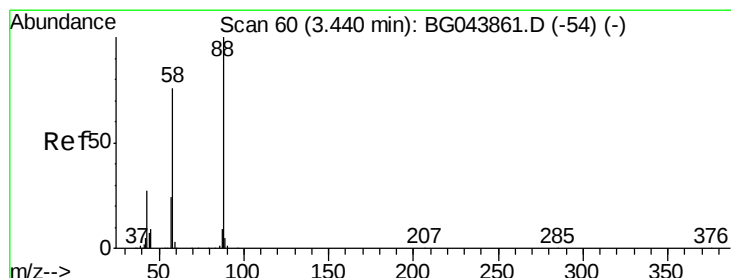
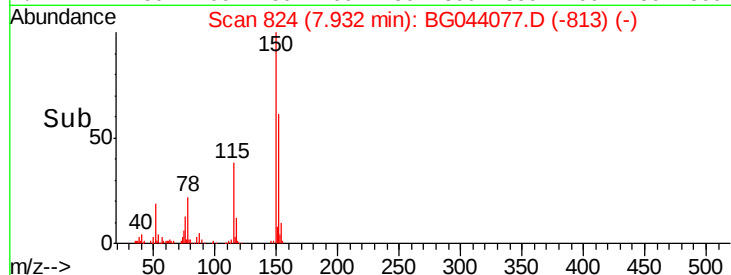
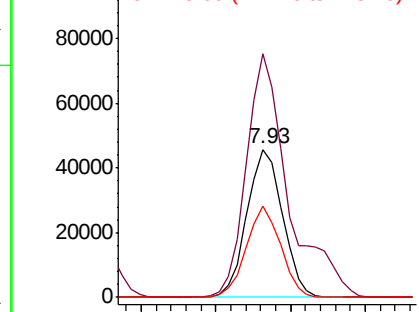
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044077.D
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ClientSampleId :
PB126138BSD

Tgt Ion:152 Resp: 75630
Ion Ratio Lower Upper
152 100
150 164.8 127.0 190.4
115 62.1 47.8 71.8



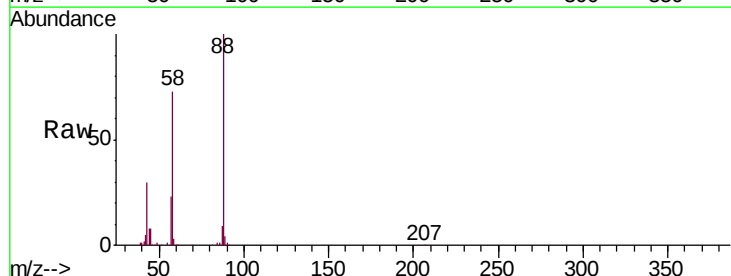
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



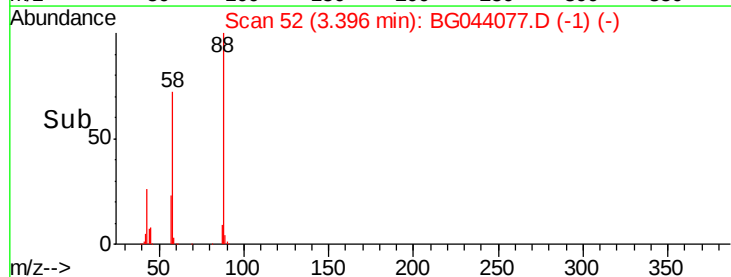
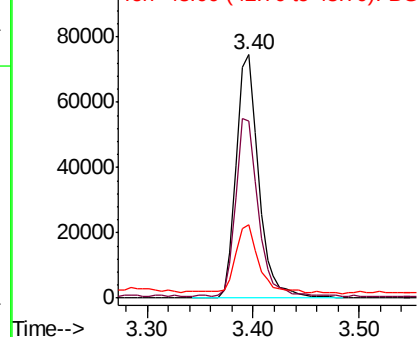
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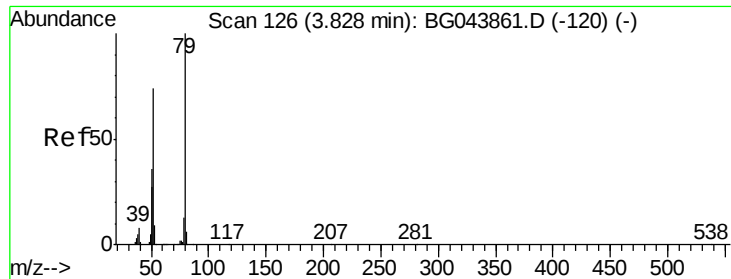
1,4-Dioxane
Concen: 60.789 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.04 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion: 88 Resp: 109175
Ion Ratio Lower Upper
88 100
58 72.6 59.8 89.8
43 27.8 22.9 34.3



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: 36.147 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB126138BSD

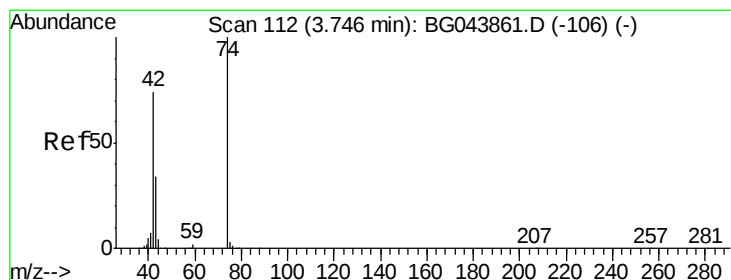
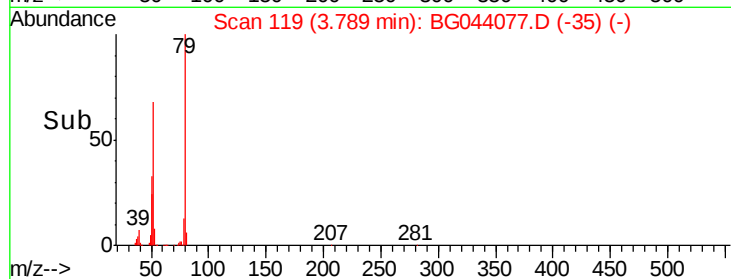
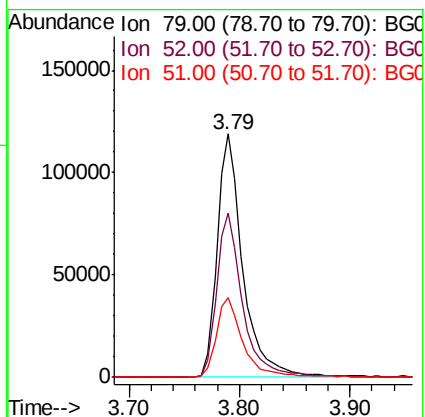
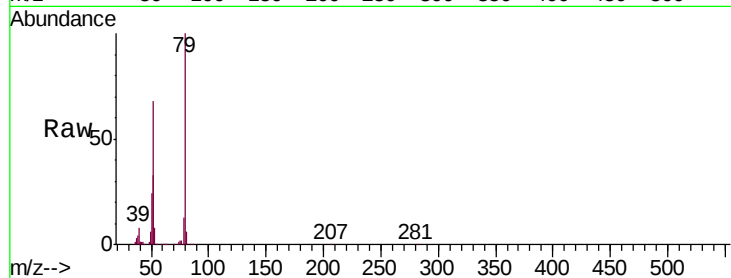
Tgt Ion: 79 Resp: 191779

Ion Ratio Lower Upper

79 100

52 67.6 58.9 88.3

51 32.8 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 39.983 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.04 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

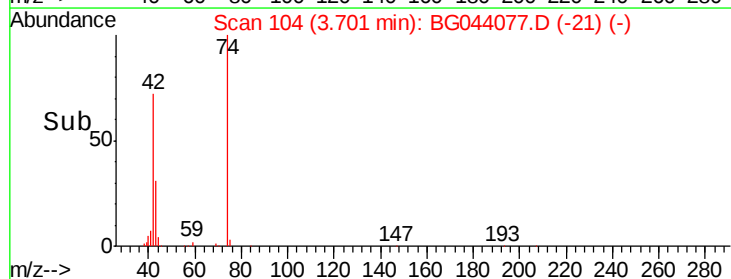
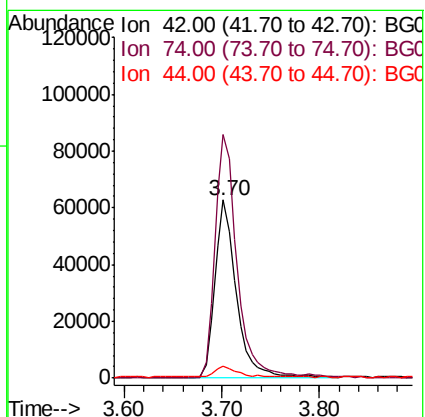
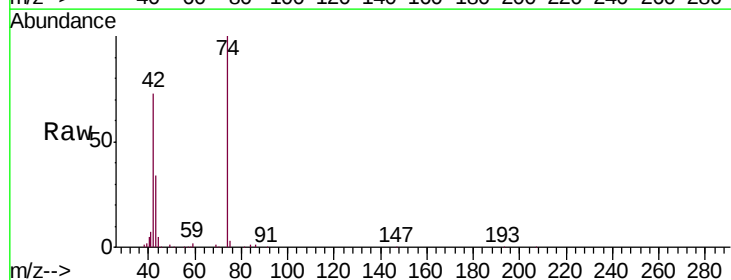
Tgt Ion: 42 Resp: 94446

Ion Ratio Lower Upper

42 100

74 136.9 108.6 162.8

44 6.8 5.0 7.6





#5

2-Fluorophenol

Concen: 151.500 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB126138BSD

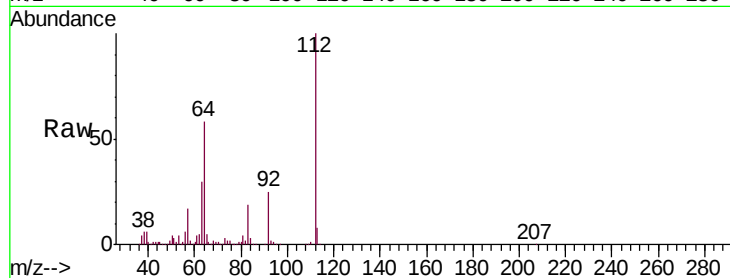
Tgt Ion: 112 Resp: 624029

Ion Ratio Lower Upper

112 100

64 58.1 47.8 71.6

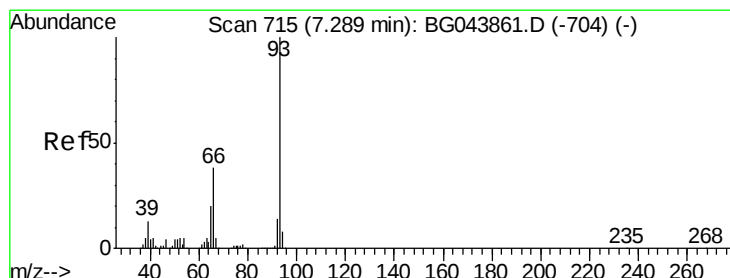
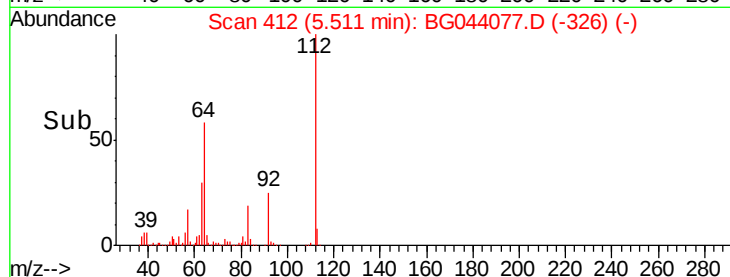
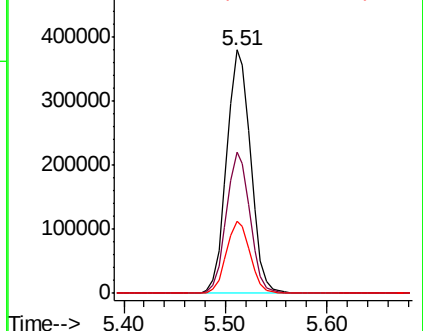
63 29.7 24.3 36.5



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: 32.128 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

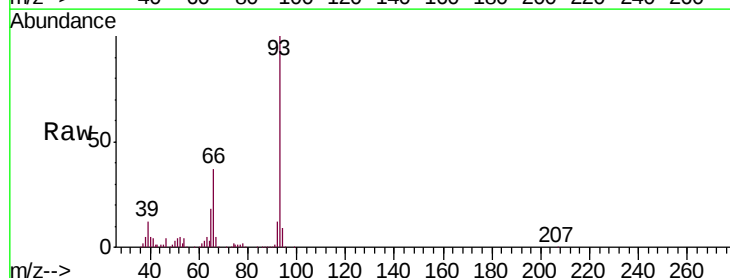
Tgt Ion: 93 Resp: 242969

Ion Ratio Lower Upper

93 100

66 37.0 30.8 46.2

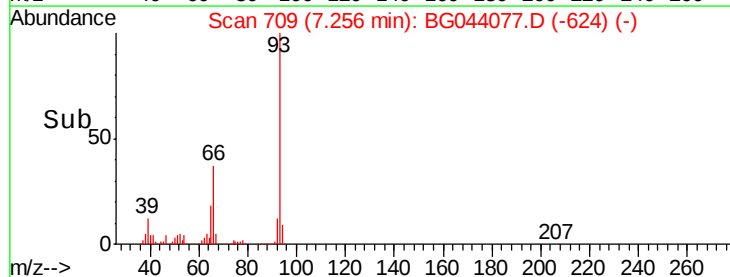
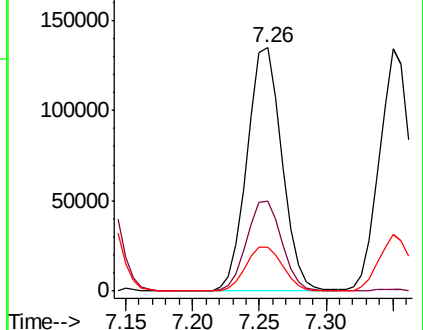
65 18.2 16.0 24.0

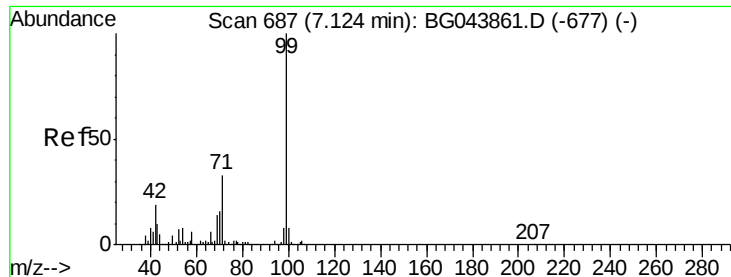


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.487 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

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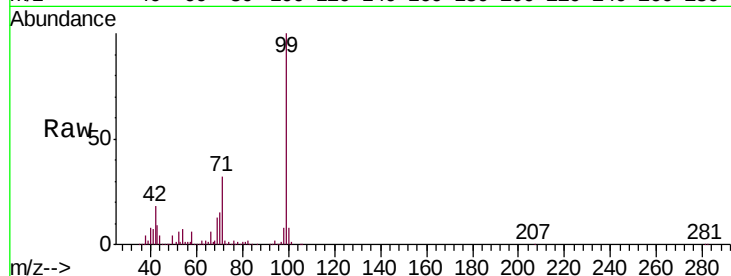
Tgt Ion: 99 Resp: 831901

Ion Ratio Lower Upper

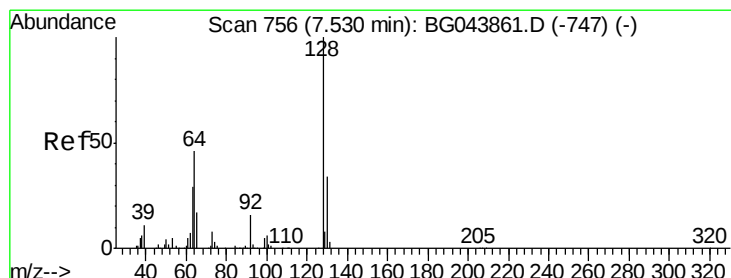
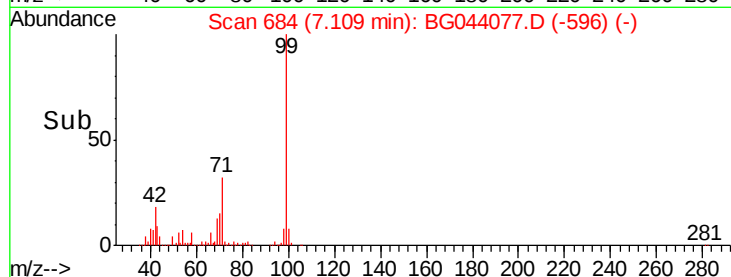
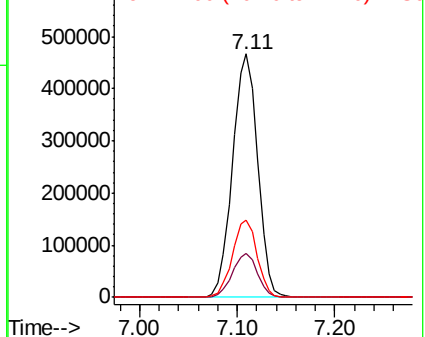
99 100

42 18.0 14.9 22.3

71 31.8 26.4 39.6



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: 49.268 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

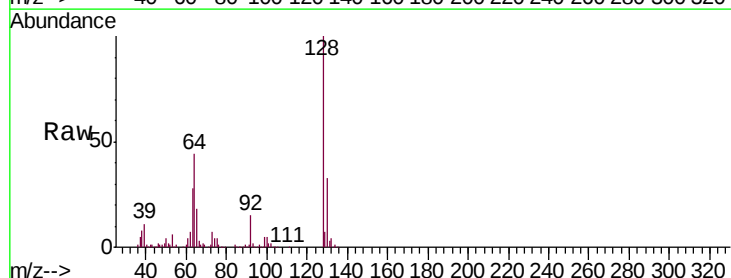
Tgt Ion: 128 Resp: 238242

Ion Ratio Lower Upper

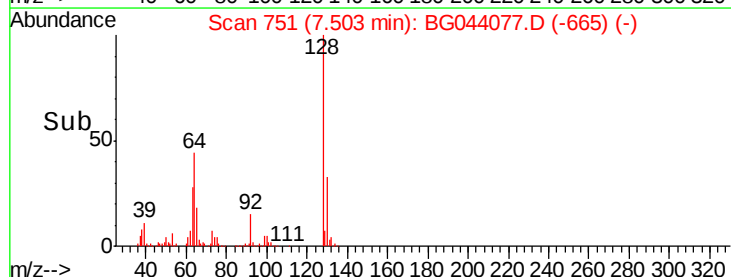
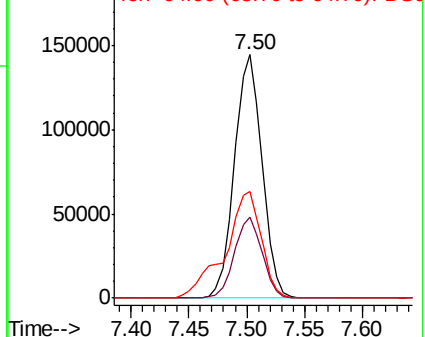
128 100

130 33.3 13.8 53.8

64 43.7 27.6 67.6



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





#9

Benzaldehyde

Concen: 32.200 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

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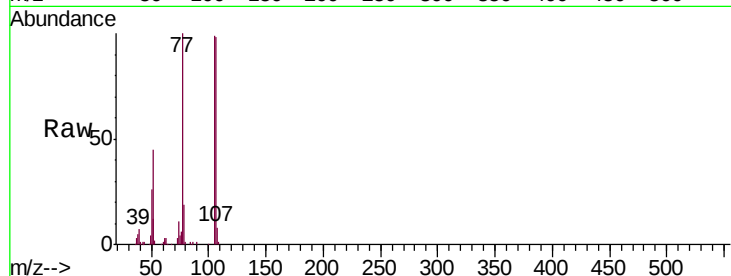
Tgt Ion: 77 Resp: 118659

Ion Ratio Lower Upper

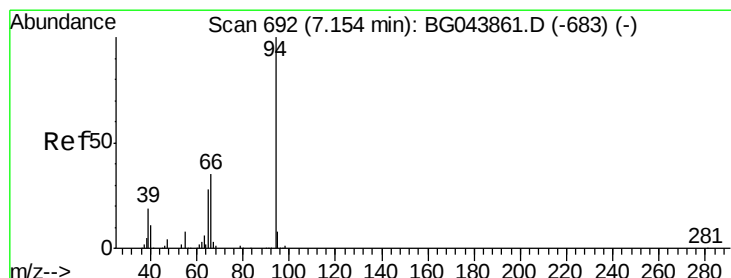
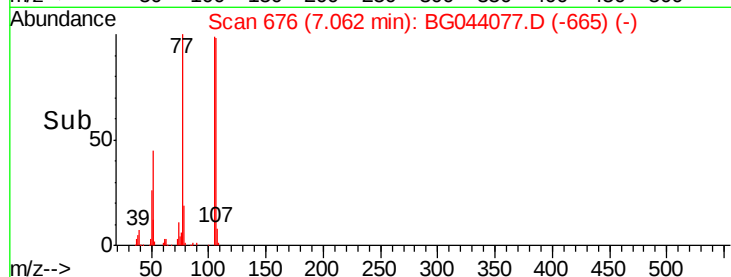
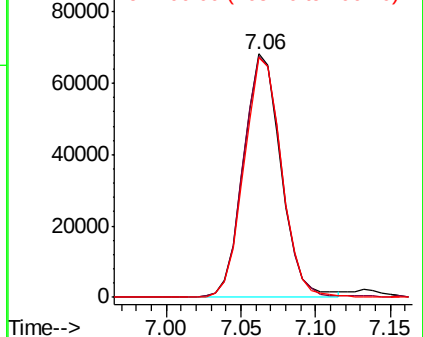
77 100

105 99.0 80.2 120.2

106 98.5 77.2 117.2



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: 49.968 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

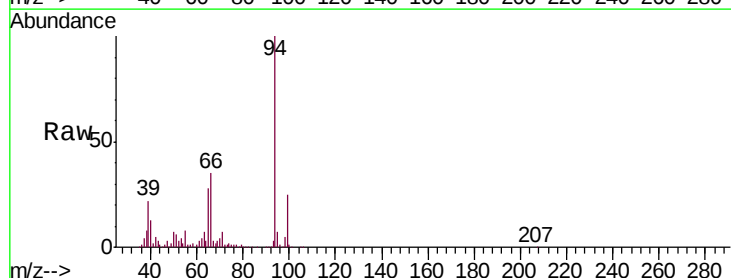
Tgt Ion: 94 Resp: 296420

Ion Ratio Lower Upper

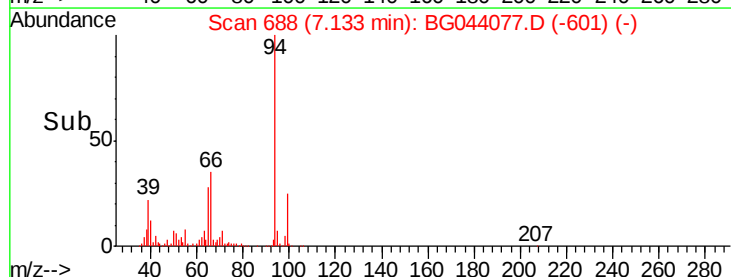
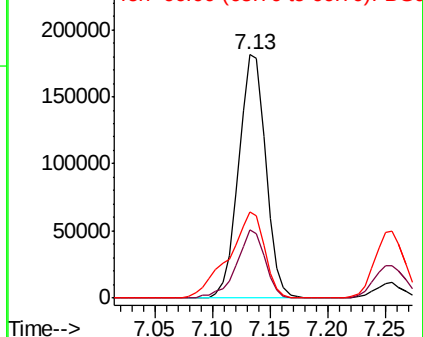
94 100

65 28.1 8.1 48.1

66 35.3 15.6 55.6



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

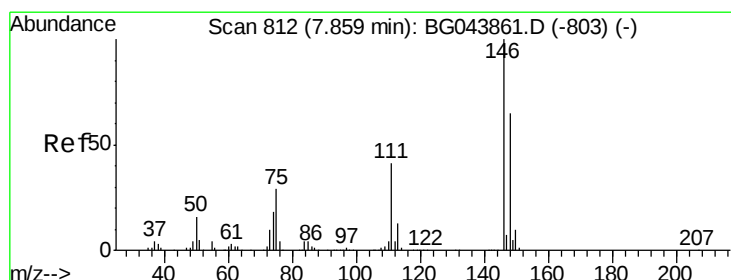
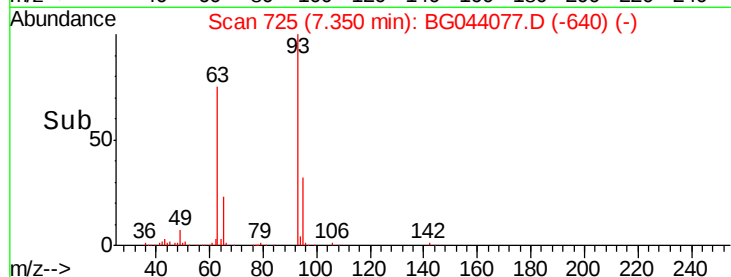
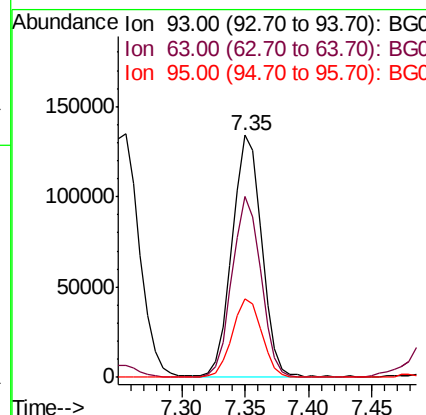
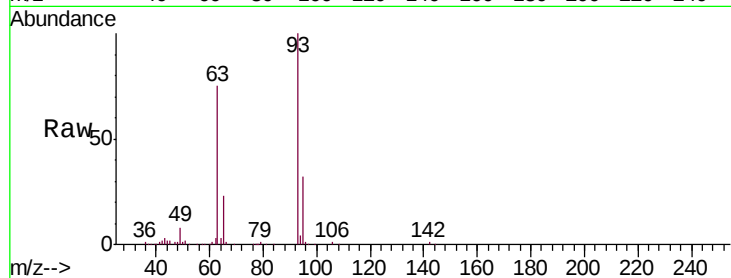




#11
bis(2-Chloroethyl)ether
Concen: 42.211 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

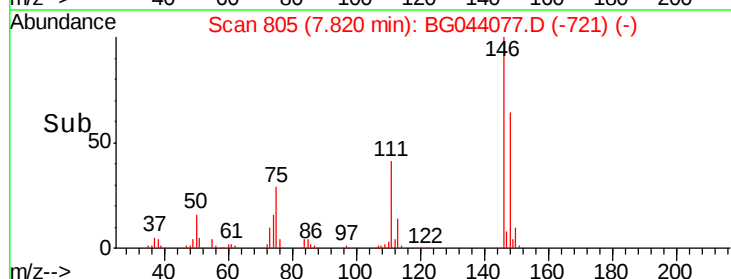
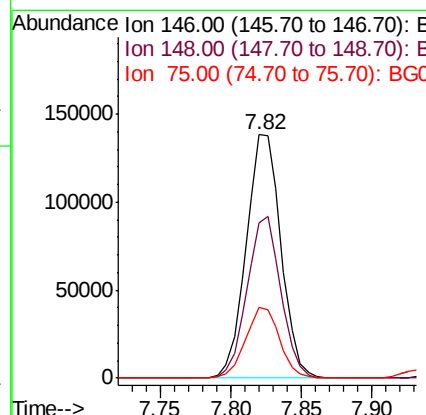
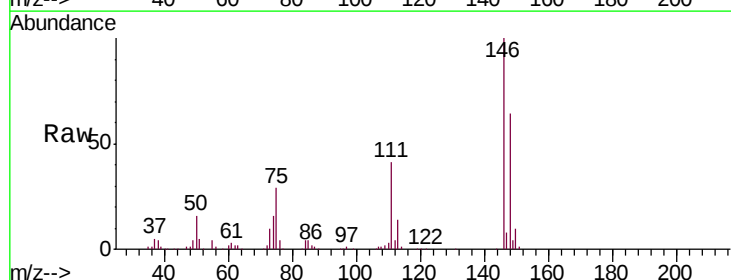
Instrument :
BNA_G
ClientSampleId :
PB126138BSD

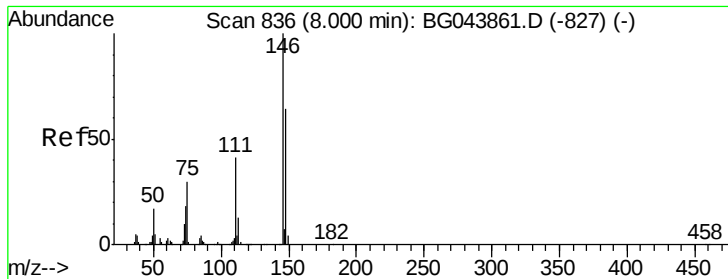
Tgt Ion: 93 Resp: 216150
Ion Ratio Lower Upper
93 100
63 74.7 55.0 95.0
95 32.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 42.080 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion: 146 Resp: 238118
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
75 29.1 23.0 34.4

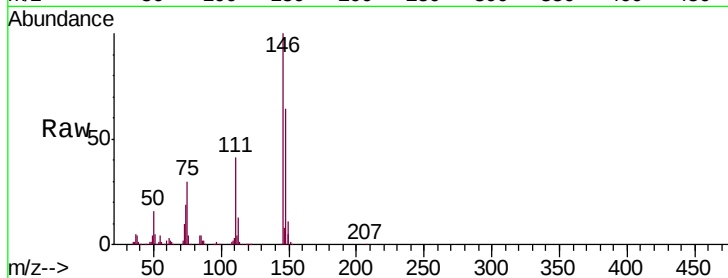




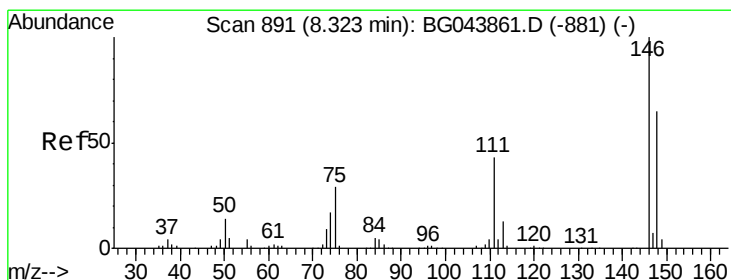
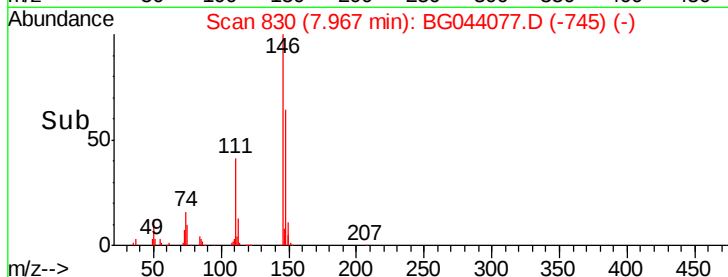
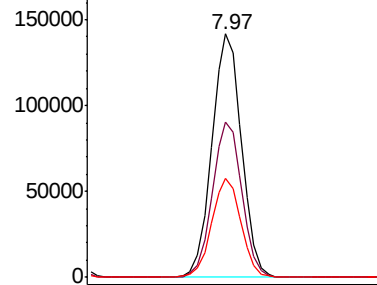
#13
 1,4-Dichlorobenzene
 Concen: 43.105 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Tgt Ion:146 Resp: 240669
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.2 76.8
 111 40.9 33.1 49.7

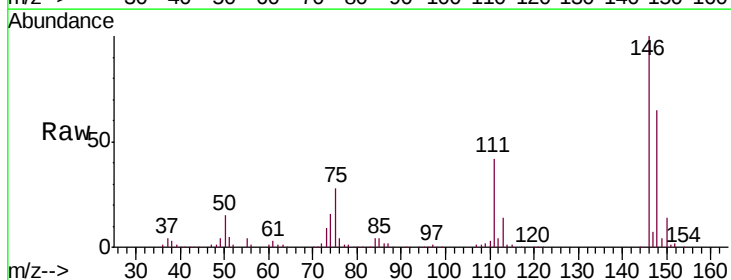


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

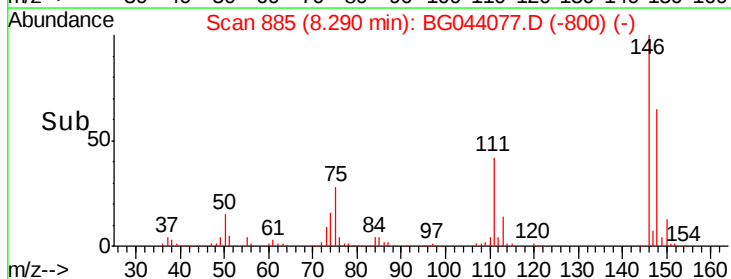
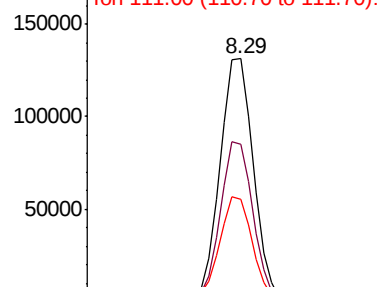


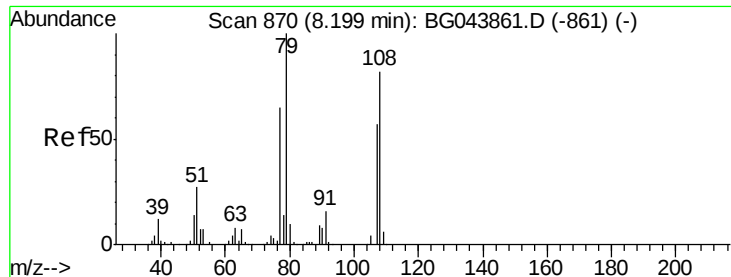
#14
 1,2-Dichlorobenzene
 Concen: 42.649 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion:146 Resp: 228559
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.7 77.5
 111 42.3 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.493 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB126138BSD

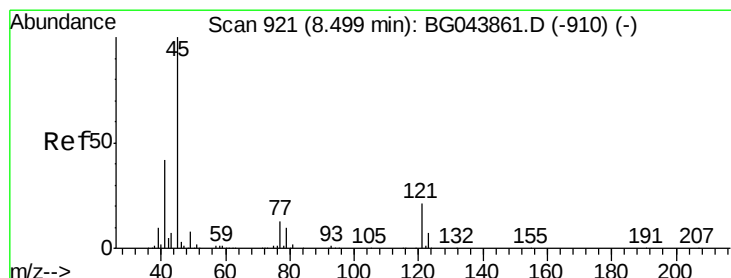
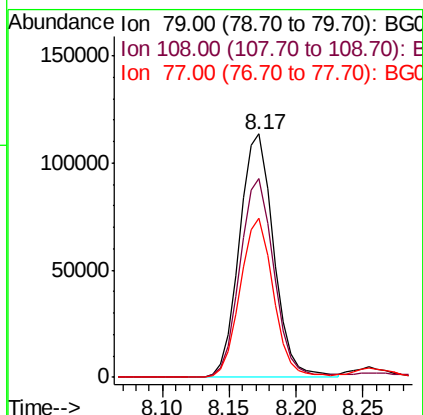
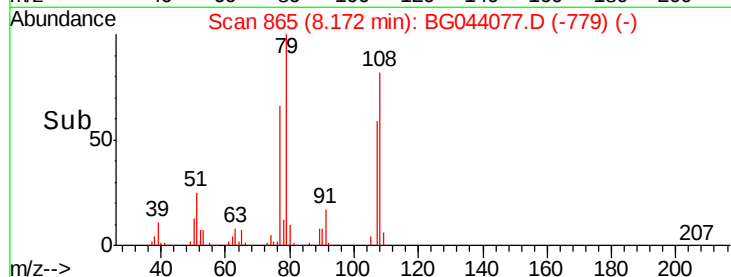
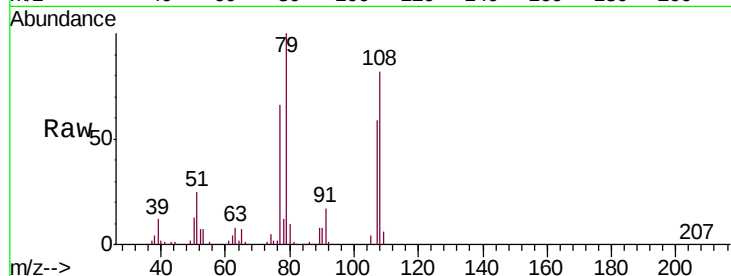
Tgt Ion: 79 Resp: 202177

Ion Ratio Lower Upper

79 100

108 81.6 65.6 98.4

77 65.6 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.237 ng

RT: 8.47 min Scan# 915

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

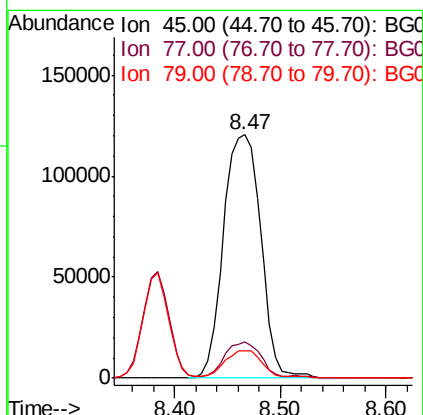
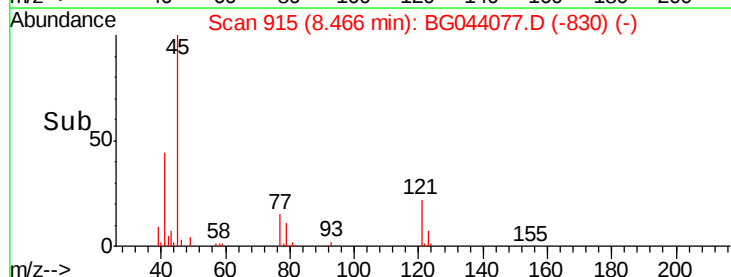
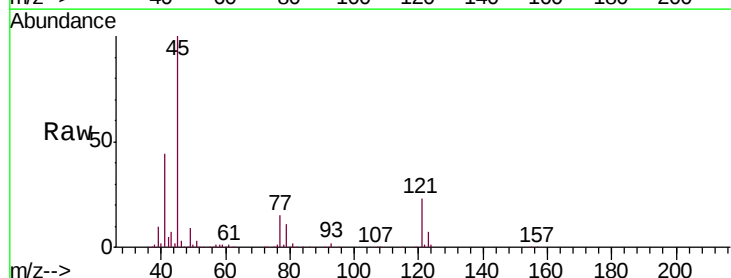
Tgt Ion: 45 Resp: 294997

Ion Ratio Lower Upper

45 100

77 14.8 0.0 33.8

79 11.2 0.0 31.0

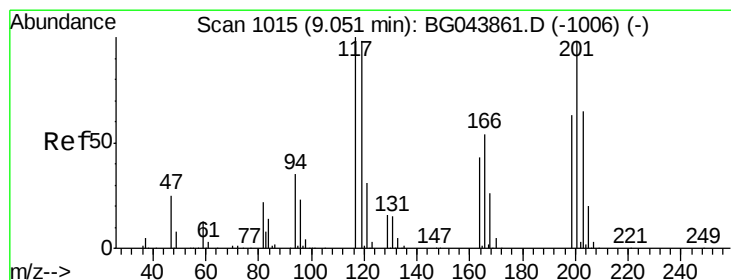
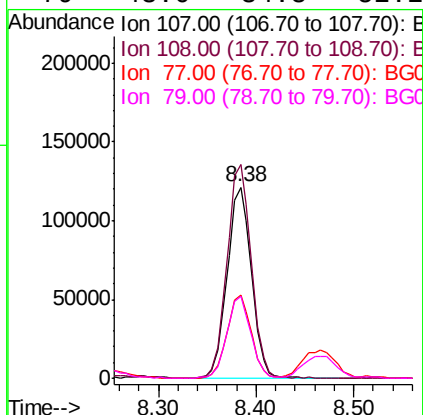
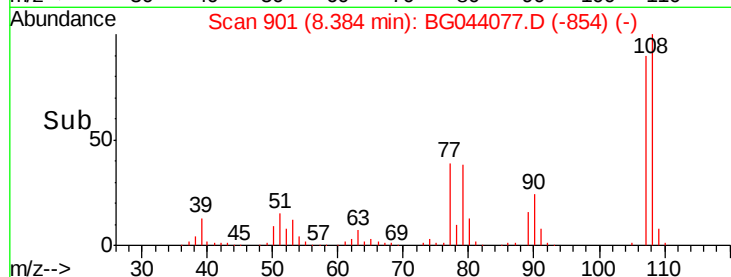
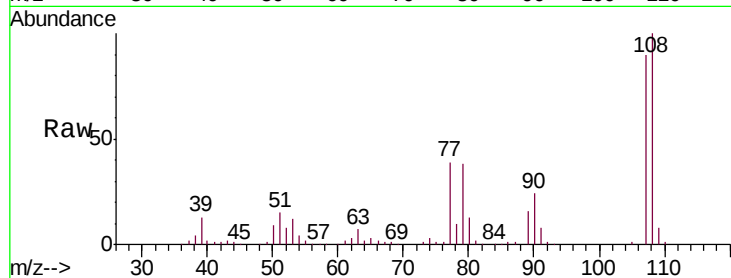




#17
2-Methylphenol
Concen: 48.882 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

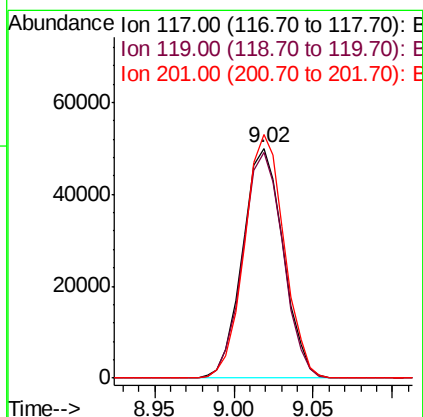
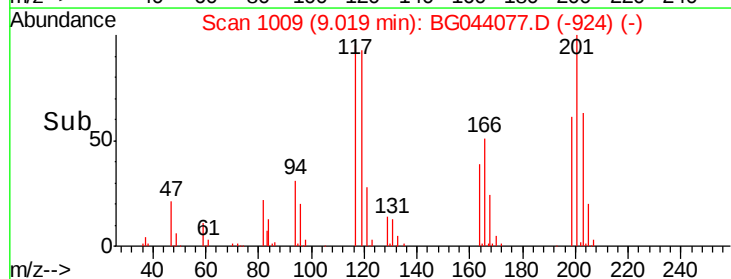
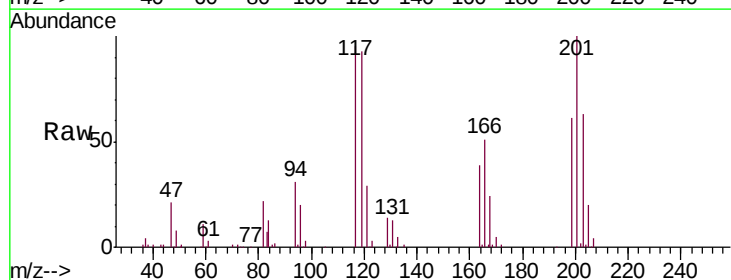
Instrument :
BNA_G
ClientSampleId :
PB126138BSD

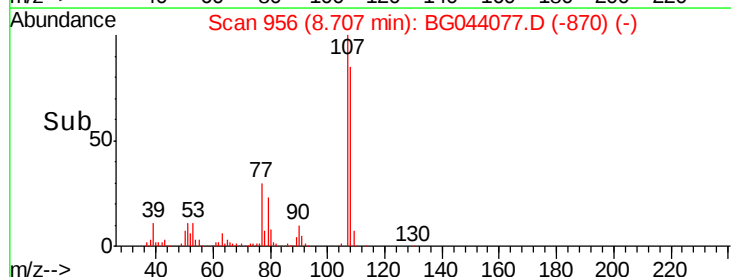
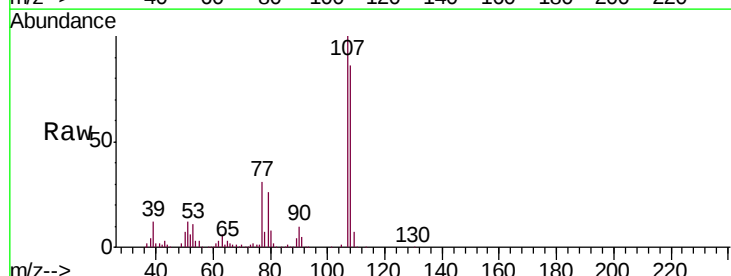
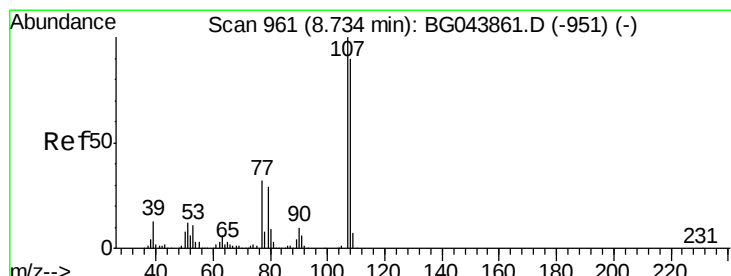
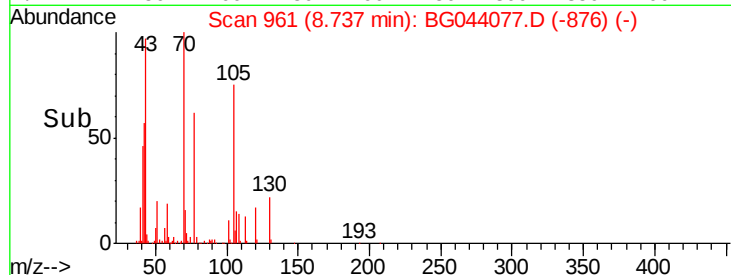
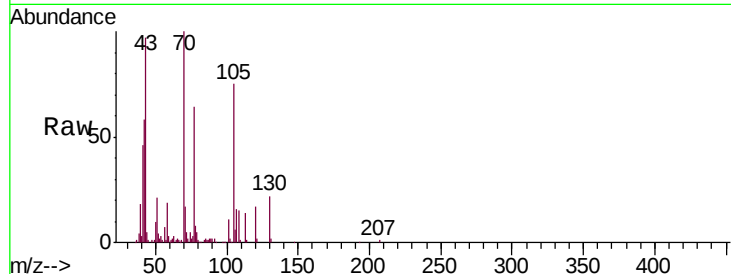
Tgt Ion:	107	Resp:	209845
Ion	Ratio	Lower	Upper
107	100		
108	111.7	86.1	129.1
77	43.4	35.4	53.0
79	43.0	34.8	52.2



#18
Hexachloroethane
Concen: 41.003 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion:	117	Resp:	89080
Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.1	117.1
201	105.8	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.182 ng

RT: 8.74 min Scan# 961

Delta R.T. -0.03 min

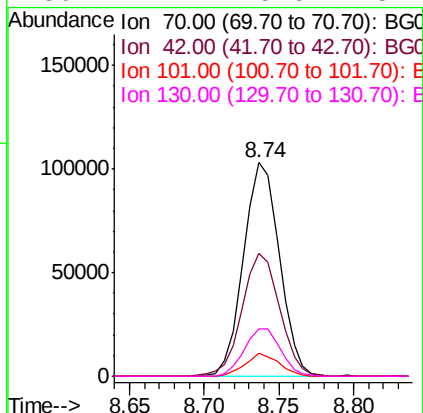
Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tgt Ion: 70 Resp: 172294

Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.0	70.4
101	10.9	7.2	10.8#
130	22.1	15.6	23.4



#20

3+4-Methylphenols

Concen: 48.129 ng

RT: 8.71 min Scan# 956

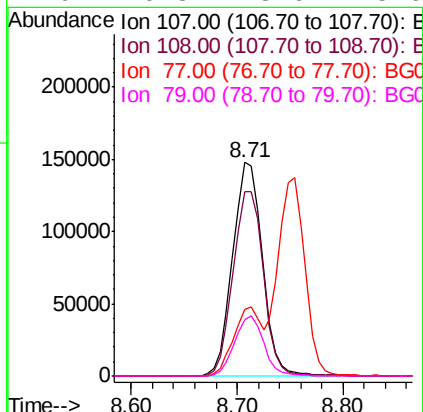
Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tgt Ion: 107 Resp: 288227

Ion	Ratio	Lower	Upper
107	100		
108	86.1	70.3	110.3
77	31.0	12.4	52.4
79	26.3	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB126138BSD

Tgt Ion:136 Resp: 322352

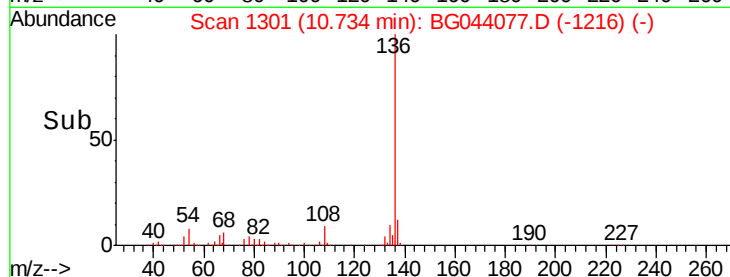
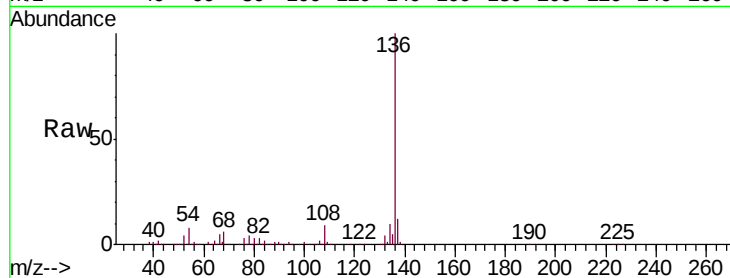
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 8.4 7.0 10.4

68 6.0 4.9 7.3

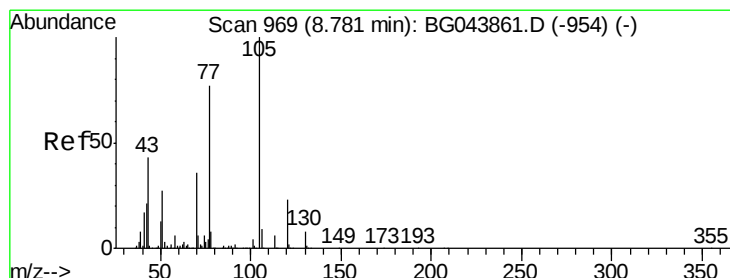
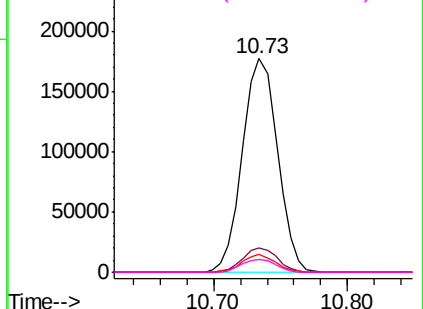


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 40.331 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tgt Ion:105 Resp: 323207

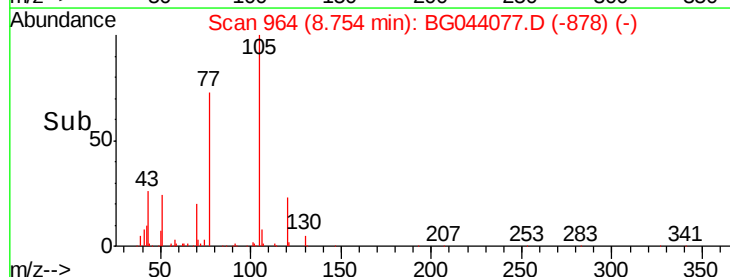
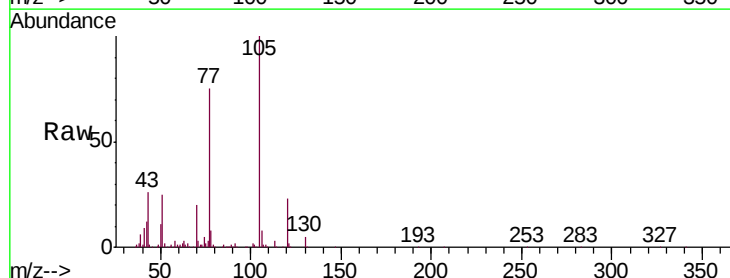
Ion Ratio Lower Upper

105 100

71 3.4 4.8 7.2#

51 25.0 21.4 32.0

120 23.4 18.6 28.0

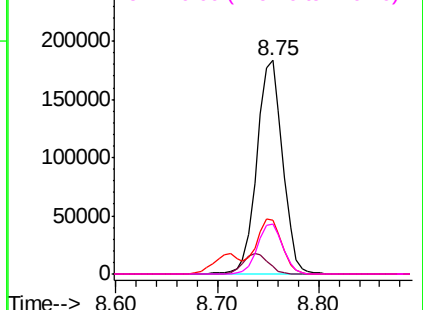


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

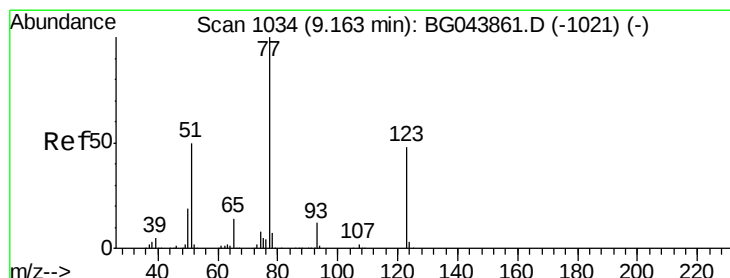
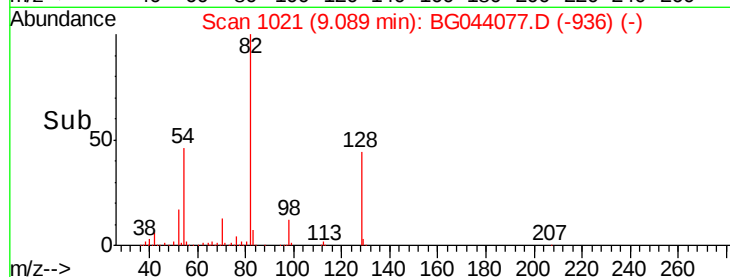
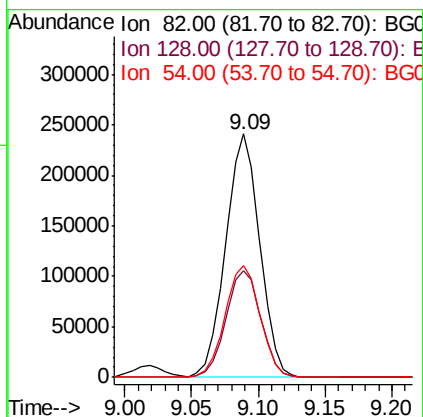
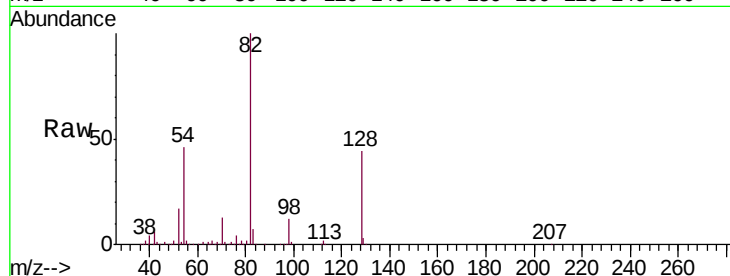




#23
 Nitrobenzene-d5
 Concen: 71.101 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

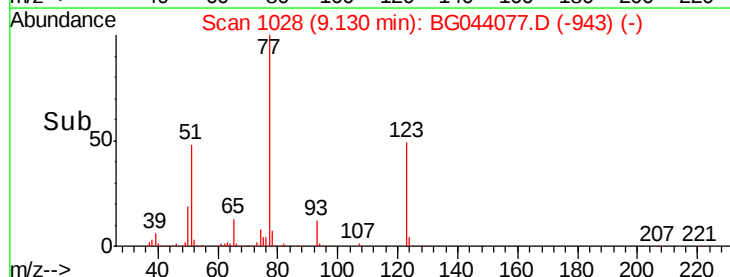
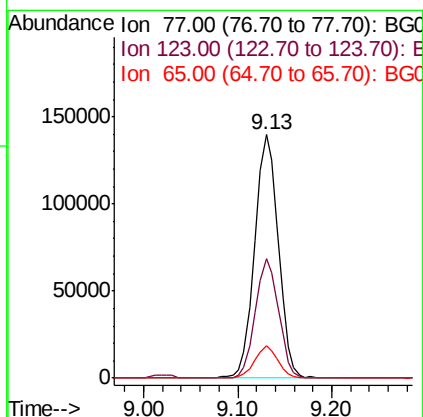
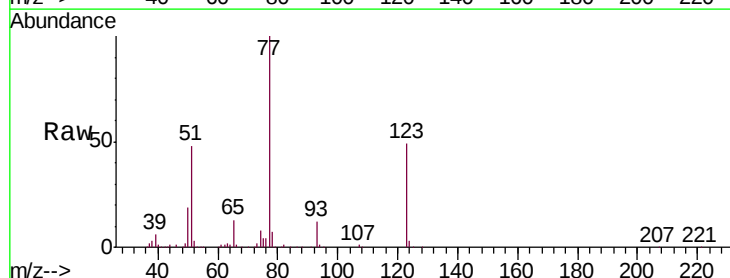
Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Tgt Ion: 82 Resp: 428434
 Ion Ratio Lower Upper
 82 100
 128 44.0 35.1 52.7
 54 45.8 40.1 60.1



#24
 Nitrobenzene
 Concen: 40.908 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion: 77 Resp: 244141
 Ion Ratio Lower Upper
 77 100
 123 48.8 38.7 58.1
 65 13.3 11.1 16.7





#25

Isophorone

Concen: 42.057 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB126138BSD

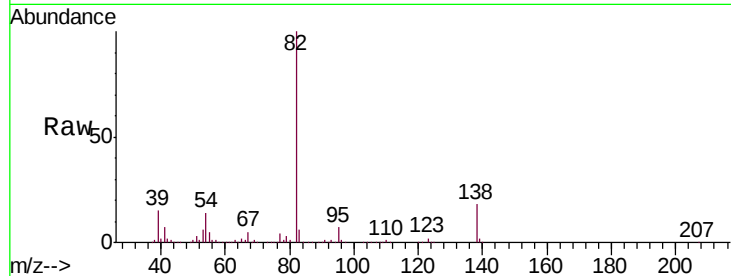
Tgt Ion: 82 Resp: 475447

Ion Ratio Lower Upper

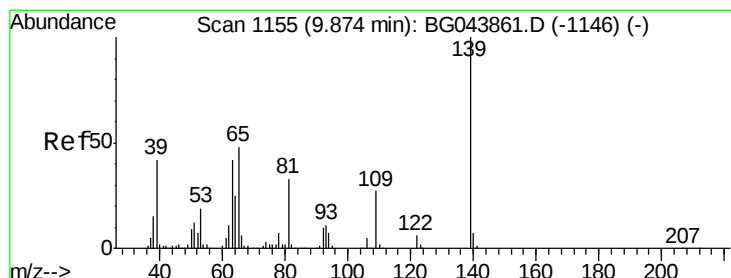
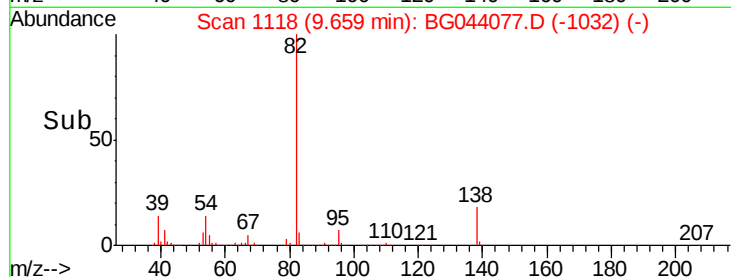
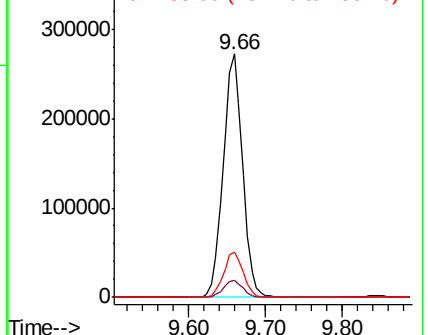
82 100

95 6.8 5.8 8.6

138 18.5 14.6 22.0



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



#26

2-Nitrophenol

Concen: 48.825 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

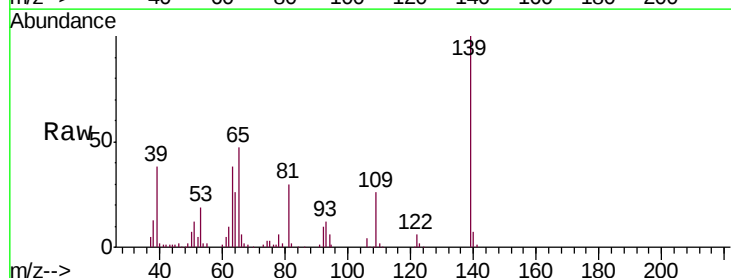
Tgt Ion: 139 Resp: 137861

Ion Ratio Lower Upper

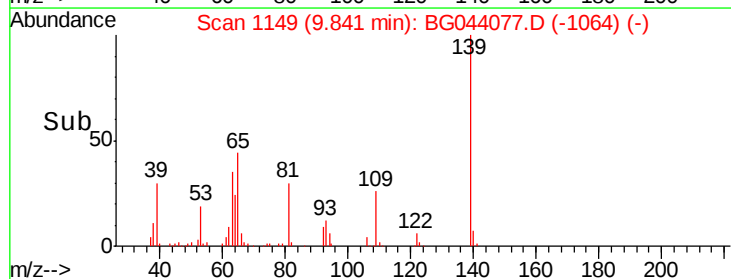
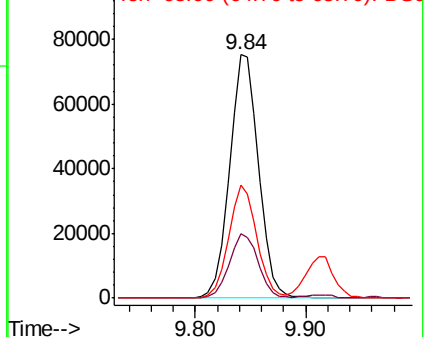
139 100

109 26.2 21.3 31.9

65 46.7 38.6 57.8



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

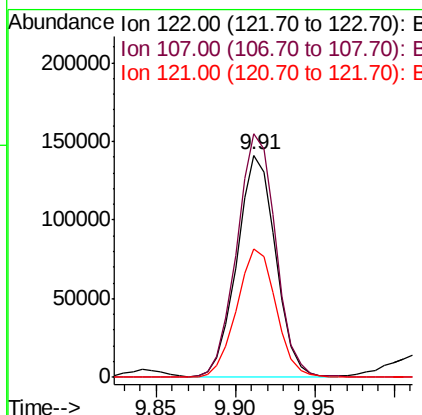
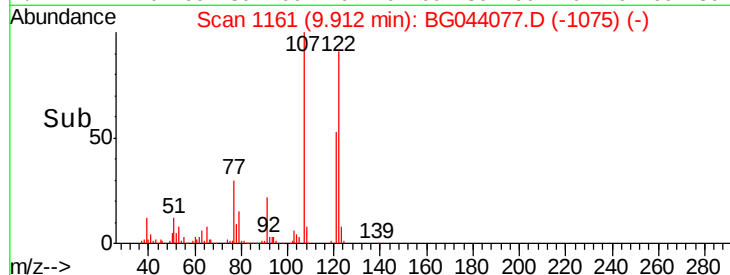
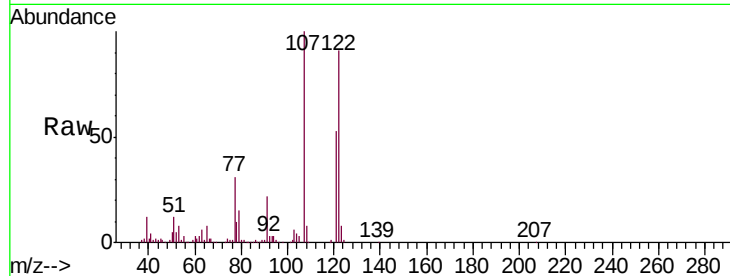




#27
 2,4-Dimethylphenol
 Concen: 55.738 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

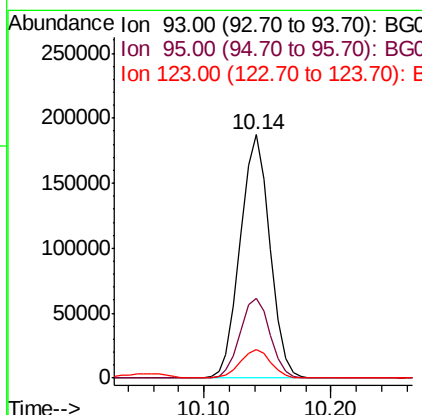
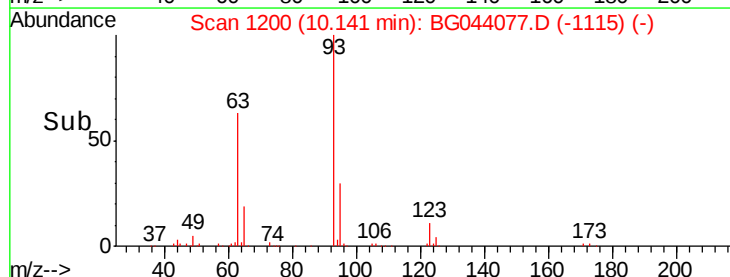
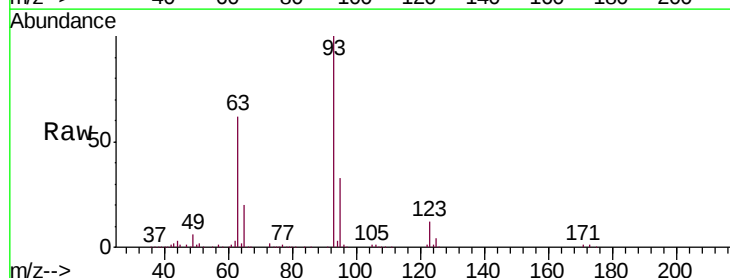
Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

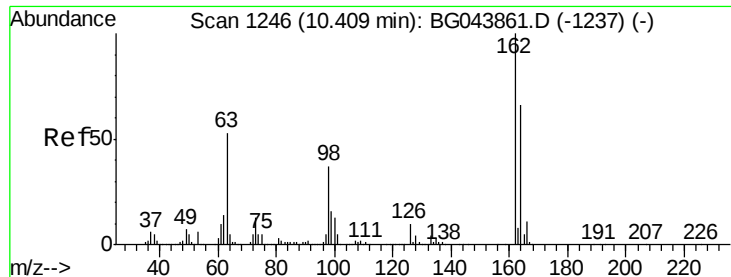
Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.7	88.0	132.0
121	57.9	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.394 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.2	40.8
123	11.9	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 47.669 ng

RT: 10.39 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB126138BSD

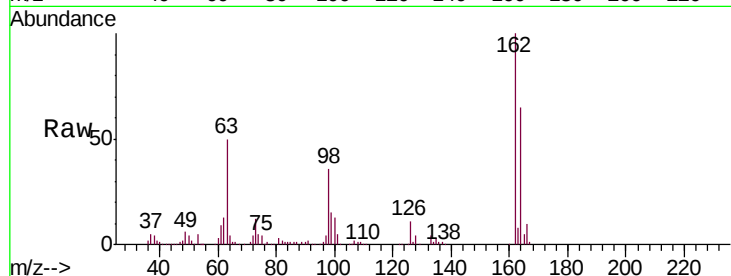
Tgt Ion:162 Resp: 241679

Ion Ratio Lower Upper

162 100

164 64.6 46.3 86.3

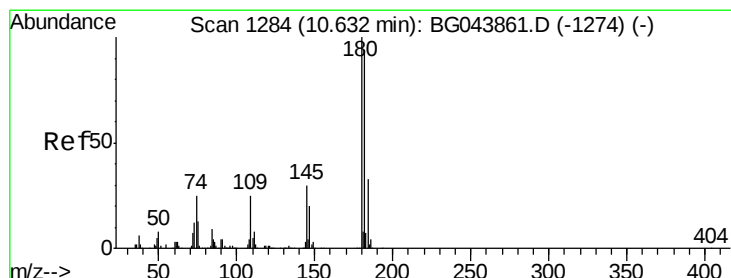
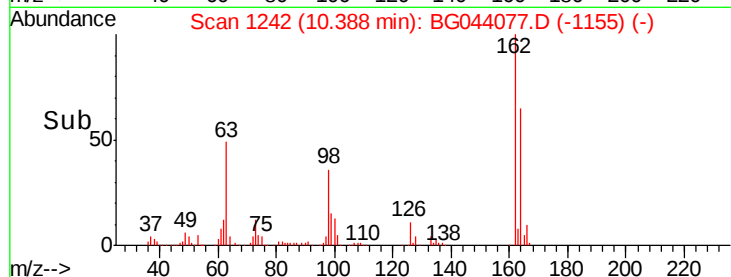
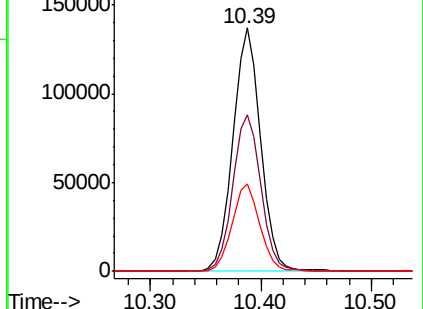
98 35.9 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.602 ng

RT: 10.60 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

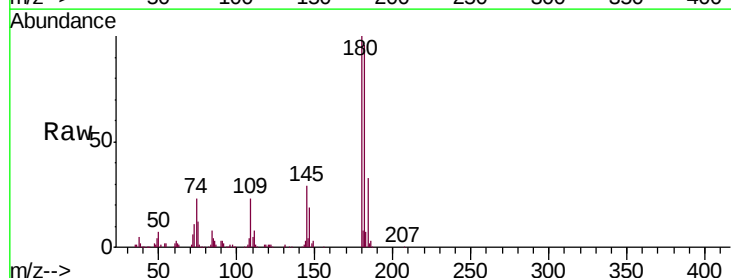
Tgt Ion:180 Resp: 230807

Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.4

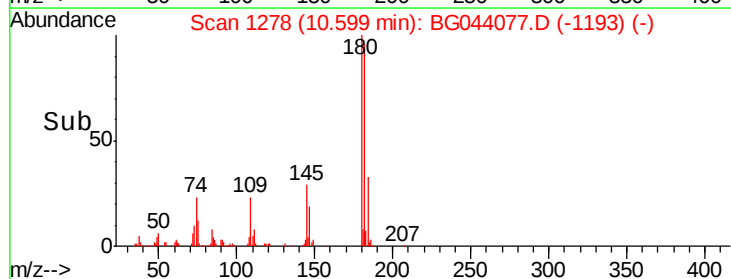
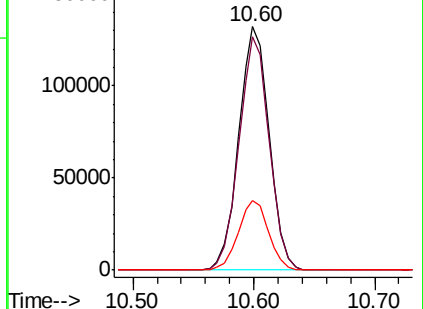
145 28.8 24.2 36.4

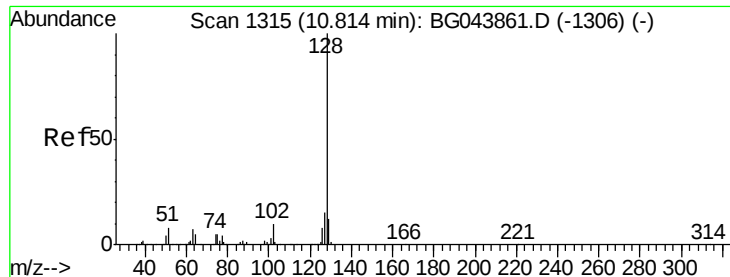


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

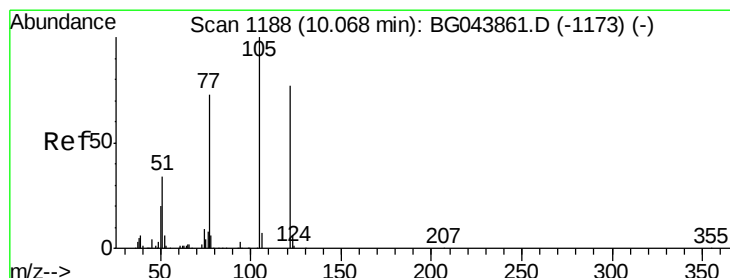
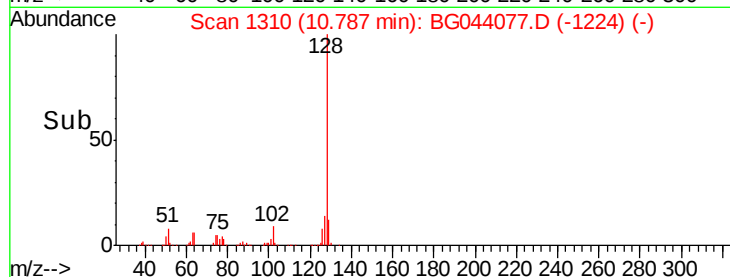
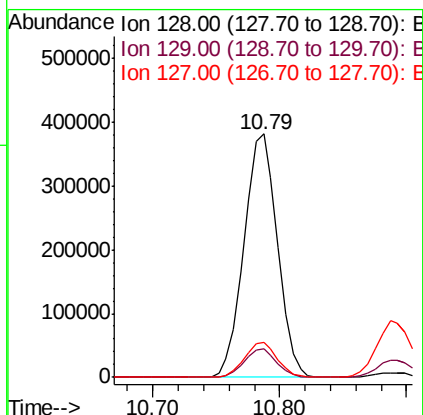
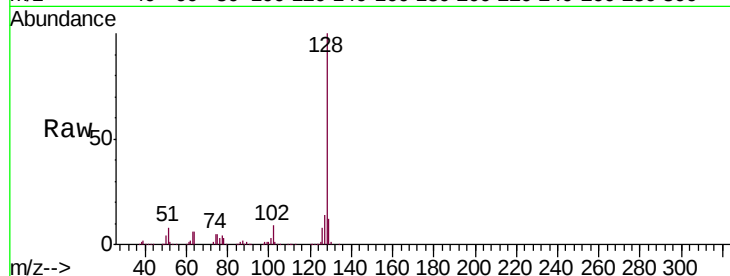




#31
Naphthalene
Concen: 44.740 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

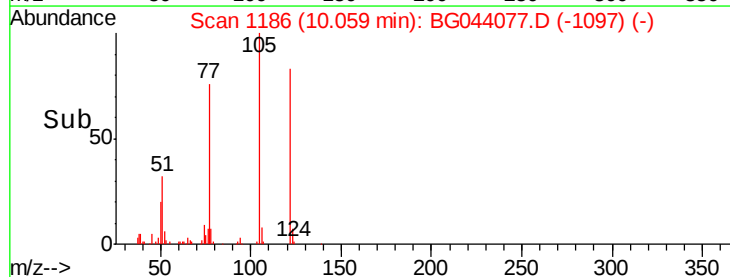
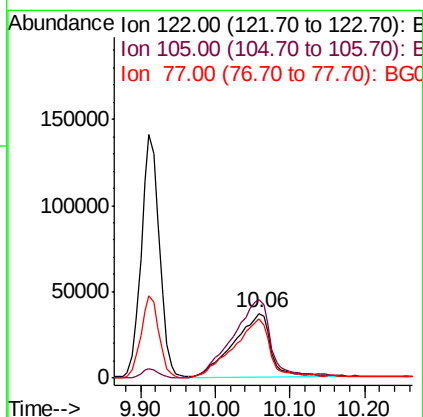
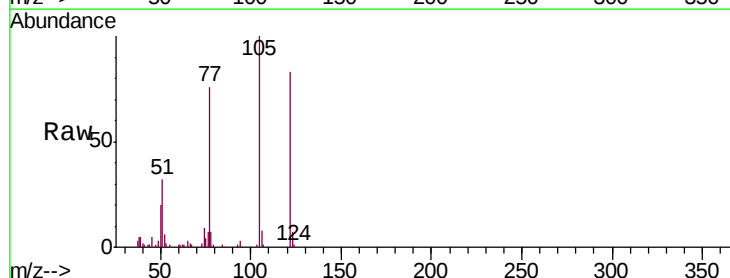
Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	14.4	12.0	18.0



#32
Benzoic acid
Concen: 38.767 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	106.4	146.4
77	92.2	74.6	114.6

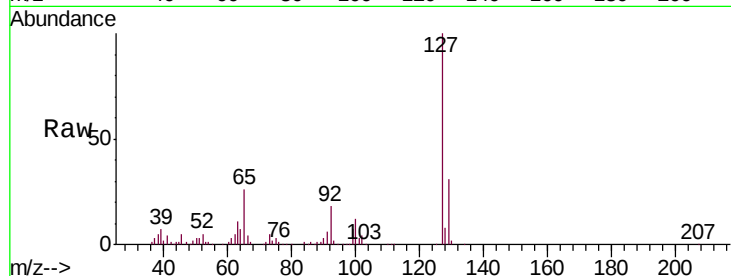




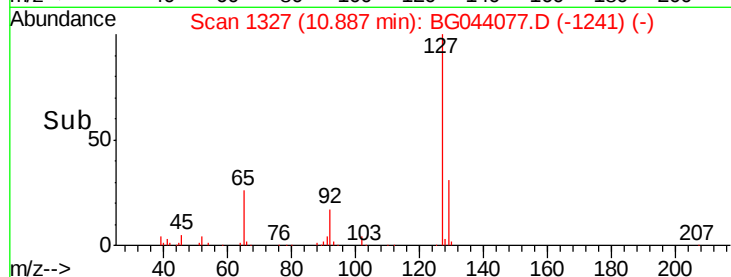
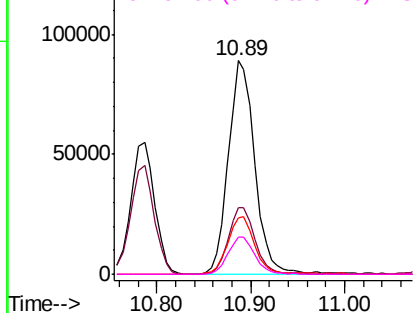
#33
4-Chloroaniline
Concen: 23.445 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tgt Ion:	127	Resp:	174436
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.6	40.0
65	26.4	23.3	34.9
92	17.5	14.7	22.1

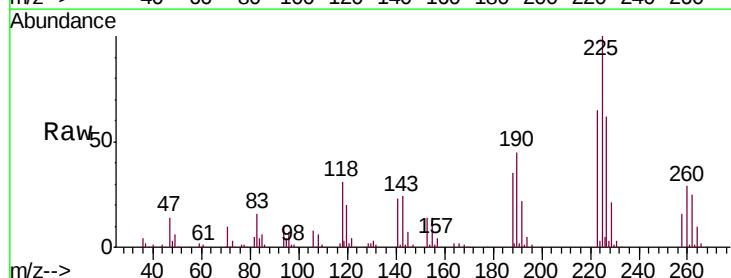


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

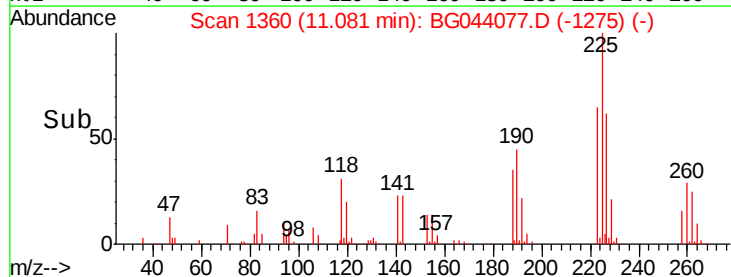
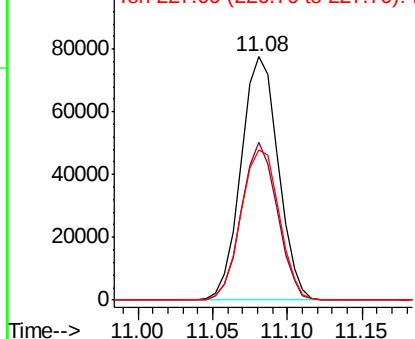


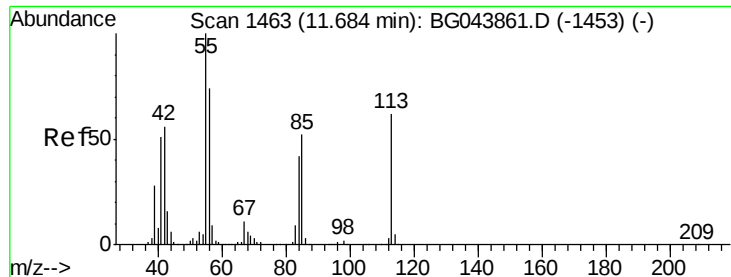
#34
Hexachlorobutadiene
Concen: 38.573 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion:	225	Resp:	133877
Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.2	78.4
227	61.8	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.695 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB126138BSD

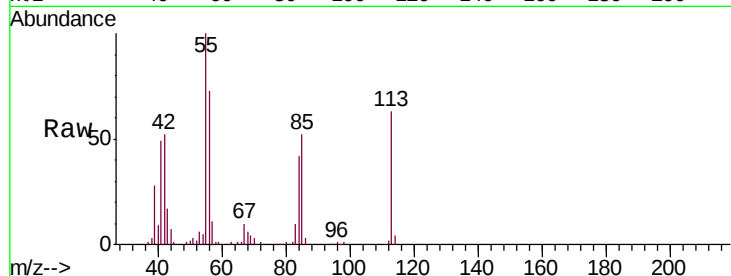
Tgt Ion:113 Resp: 73031

Ion Ratio Lower Upper

113 100

55 158.6 142.5 182.5

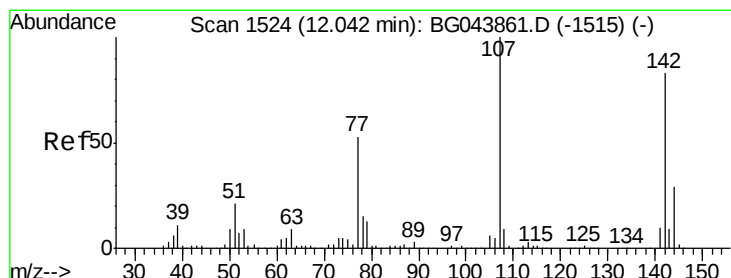
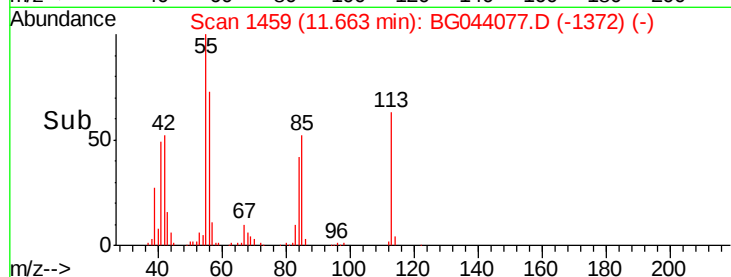
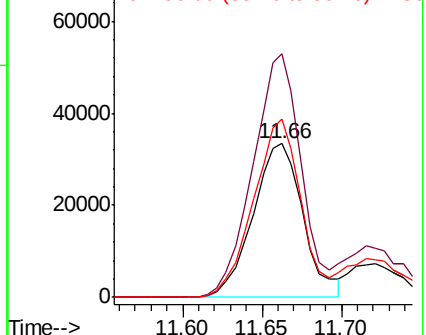
56 116.2 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.665 ng

RT: 12.03 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

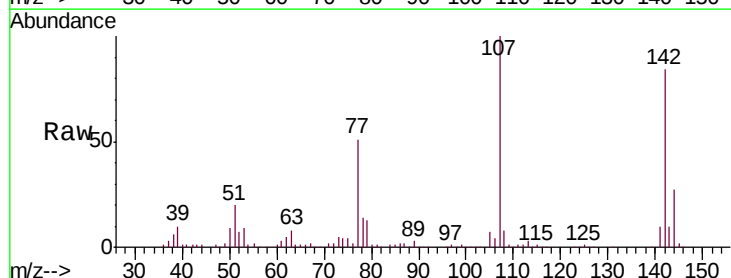
Tgt Ion:107 Resp: 262654

Ion Ratio Lower Upper

107 100

144 27.4 23.4 35.2

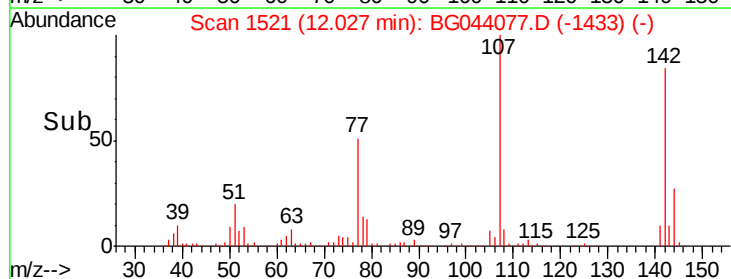
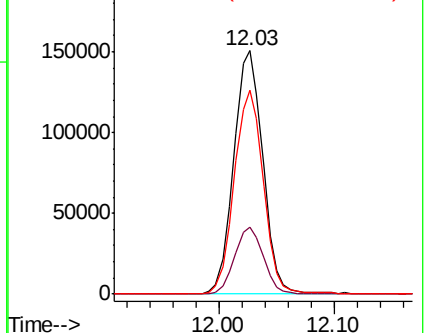
142 83.8 66.3 99.5

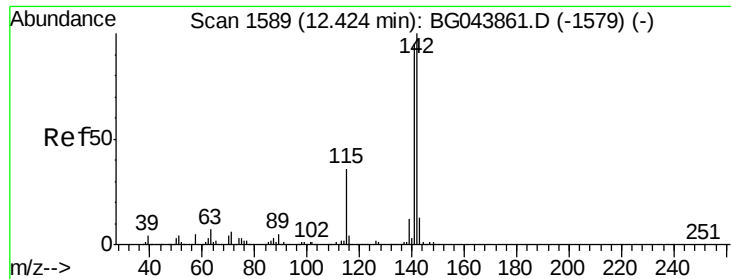


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

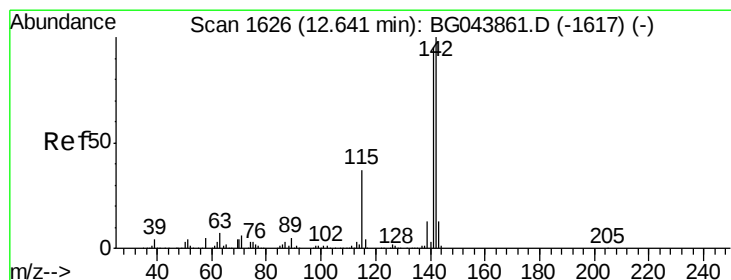
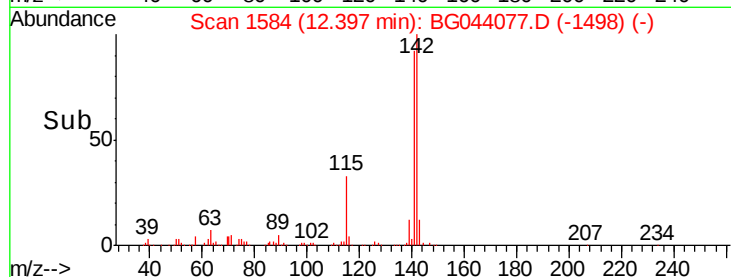
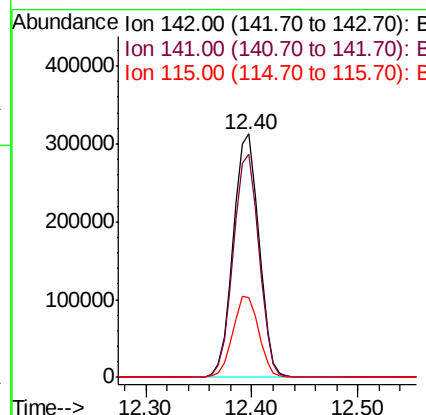
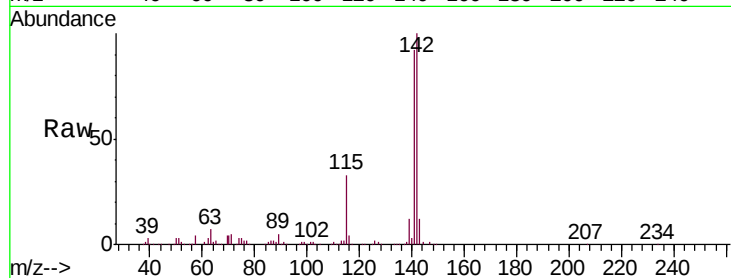




#37
 2-Methylnaphthalene
 Concen: 44.795 ng
 RT: 12.40 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.8	113.8
115	32.7	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 44.880 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	76.0	114.0
116	3.9	3.1	4.7

