

Data File : BG044102.D
Acq On : 20 Jan 2020 17:43
Operator : JU
Sample : PB126194BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126194BS

Quant Time: Jan 21 04:42:32 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	80974	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	346181	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	230164	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	493663	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	418811	20.00	ng	-0.03
87) Perylene-d12	24.67	264	479019	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	645150	146.29	ng	-0.03
7) Phenol-d6	7.11	99	861602	139.77	ng	-0.02
23) Nitrobenzene-d5	9.09	82	454593	70.25	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	330570	137.24	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1046558	82.38	ng	-0.03
79) Terphenyl-d14	19.93	244	1484585	85.64	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	98369	51.157	ng	96
3) Pyridine	3.79	79	197250	34.724	ng	94
4) n-Nitrosodimethylamine	3.70	42	101172	40.004	ng	97
6) Aniline	7.25	93	259733	32.078	ng	99
8) 2-Chlorophenol	7.50	128	250426	48.370	ng	96
9) Benzaldehyde	7.06	77	124971	31.675	ng	99
10) Phenol	7.13	94	307231	48.372	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	230379	42.021	ng	98
12) 1,3-Dichlorobenzene	7.82	146	252000	41.594	ng	99
13) 1,4-Dichlorobenzene	7.97	146	250852	41.964	ng	98
14) 1,2-Dichlorobenzene	8.29	146	242831	42.322	ng	99
15) Benzyl Alcohol	8.17	79	209479	43.057	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	306741	36.164	ng	99
17) 2-Methylphenol	8.38	107	218575	47.556	ng	98
18) Hexachloroethane	9.02	117	94622	40.679	ng	98
19) n-Nitroso-di-n-propylamine	8.74	70	179670	39.137	ng	97
20) 3+4-Methylphenols	8.71	107	303688	47.364	ng	95
22) Acetophenone	8.75	105	341201	39.645	ng	# 98
24) Nitrobenzene	9.13	77	260730	40.681	ng	98
25) Isophorone	9.66	82	509022	41.927	ng	100
26) 2-Nitrophenol	9.84	139	142322	46.935	ng	98
27) 2,4-Dimethylphenol	9.91	122	249528	54.667	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	321897	39.770	ng	99
29) 2,4-Dichlorophenol	10.39	162	256145	47.045	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	247259	40.502	ng	99
31) Naphthalene	10.79	128	744573	44.446	ng	99
32) Benzoic acid	10.06	122	118110	33.891	ng	97
33) 4-Chloroaniline	10.89	127	179790	22.501	ng	97
34) Hexachlorobutadiene	11.08	225	143566	38.517	ng	97
35) Caprolactam	11.66	113	68608	33.849	ng	98
36) 4-Chloro-3-methylphenol	12.02	107	276616	47.724	ng	97
37) 2-Methylnaphthalene	12.40	142	564488	44.758	ng	96
38) 1-Methylnaphthalene	12.61	142	536143	44.853	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	268638	39.821	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	359575	102.811	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	204639	44.085	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	219324	45.811	ng	98
46) 1,1'-Biphenyl	13.40	154	718643	43.548	ng	98
47) 2-Chloronaphthalene	13.44	162	558861	41.909	ng	98
48) 2-Nitroaniline	13.64	65	171061	39.879	ng	95
49) Acenaphthylene	14.29	152	888442	46.354	ng	98
50) Dimethylphthalate	14.02	163	717963	43.932	ng	99
51) 2,6-Dinitrotoluene	14.13	165	163133	44.164	ng	98
52) Acenaphthene	14.63	154	545038	40.550	ng	99
53) 3-Nitroaniline	14.46	138	121110	28.873	ng	98
54) 2,4-Dinitrophenol	14.68	184	174238	91.728	ng	96
55) Dibenzofuran	14.97	168	851213	46.003	ng	98
56) 4-Nitrophenol	14.79	139	298780	92.952	ng	95
57) 2,4-Dinitrotoluene	14.93	165	227726	45.308	ng	99
58) Fluorene	15.62	166	670604	45.726	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	187799	45.618	ng	98
60) Diethylphthalate	15.39	149	720563	44.083	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	345313	43.362	ng	98
62) 4-Nitroaniline	15.63	138	164855	39.798	ng	95
63) Azobenzene	15.90	77	673126	44.405	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	130039	50.840	ng	98
66) n-Nitrosodiphenylamine	15.83	169	627705	43.178	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	224781	40.485	ng	99
68) Hexachlorobenzene	16.63	284	242181	40.480	ng	97
69) Atrazine	16.77	200	231499	48.989	ng	99
70) Pentachlorophenol	16.97	266	257099	77.957	ng	98
71) Phenanthrene	17.35	178	1059129	44.729	ng	97
72) Anthracene	17.45	178	1095393	46.809	ng	97
73) Carbazole	17.71	167	968727	44.815	ng	97
74) Di-n-butylphthalate	18.28	149	1202017	43.554	ng	97
75) Fluoranthene	19.36	202	1204524	44.481	ng	97
77) Benzidine	19.54	184	499473	47.446	ng	99
78) Pyrene	19.72	202	1216732	44.508	ng	95
80) Butylbenzylphthalate	20.62	149	556046	42.723	ng	96
81) Benzo(a)anthracene	21.54	228	1149102	44.249	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	326783	31.851	ng	100
83) Chrysene	21.61	228	1106197	44.829	ng	96
84) Bis(2-ethylhexyl)phthalate	21.47	149	790964	44.044	ng	97
85) Di-n-octyl phthalate	22.64	149	1377395	45.623	ng	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1415581	42.213	ng	100
88) Benzo(b)fluoranthene	23.69	252	1223047	43.189	ng	98
89) Benzo(k)fluoranthene	23.76	252	1170763	43.476	ng	98
90) Benzo(a)pyrene	24.52	252	1128384	42.218	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1174487	43.755	ng	98
92) Benzo(g,h,i)perylene	29.30	276	1196771	44.885	ng	98

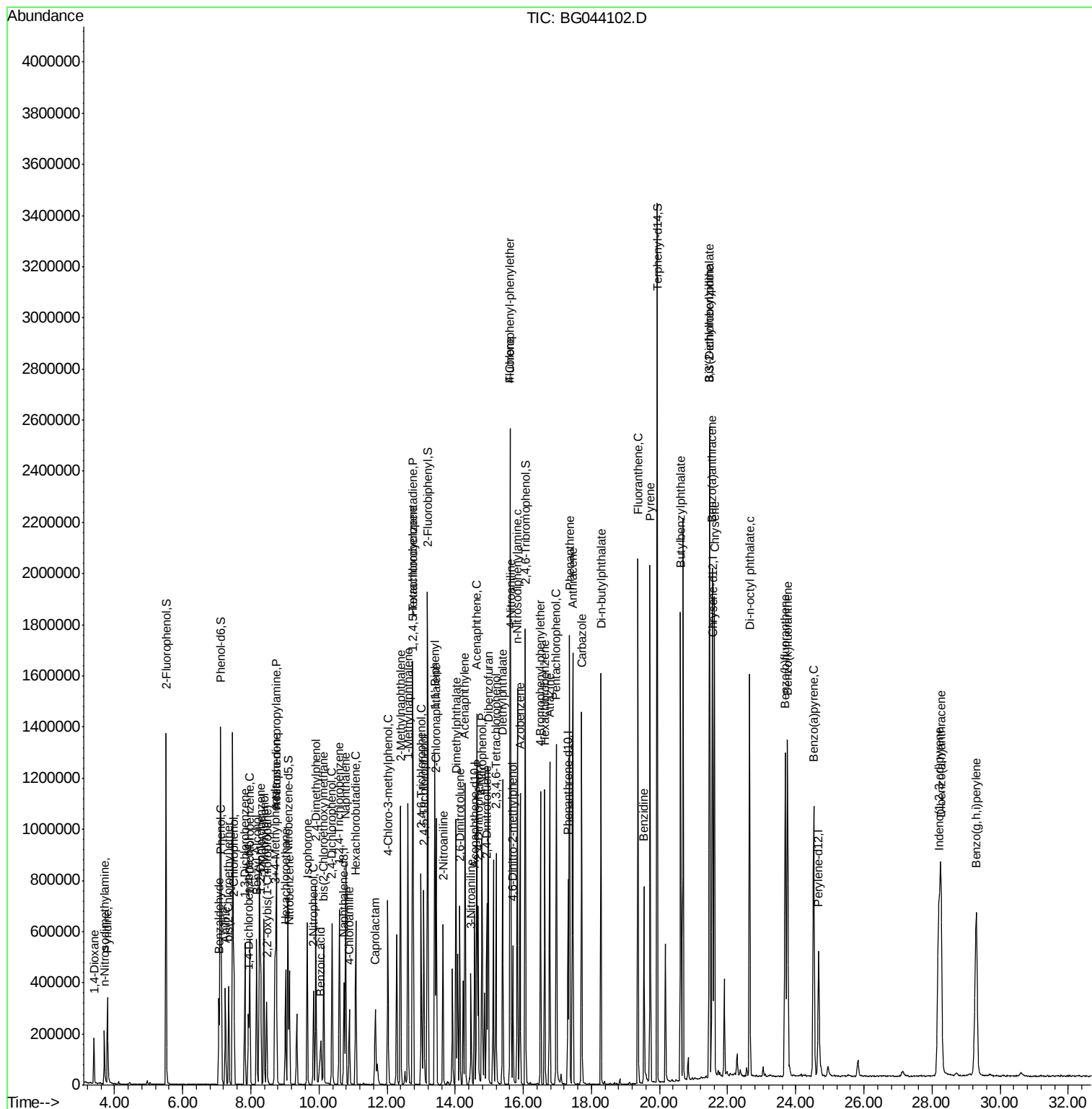
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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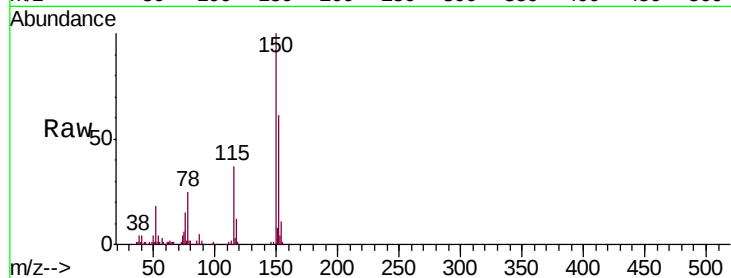


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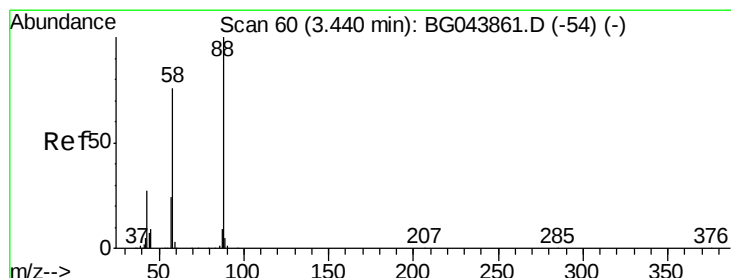
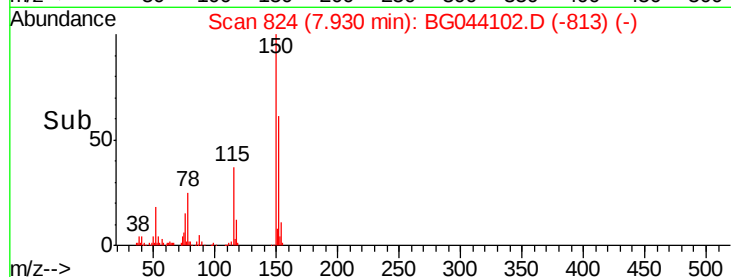
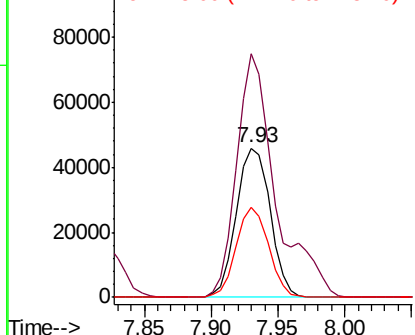
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044102.D
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Instrument :
BNA_G
ClientSampleId :
PB126194BS

Tgt Ion: 152 Resp: 80974
Ion Ratio Lower Upper
152 100
150 162.9 127.0 190.4
115 60.2 47.8 71.8



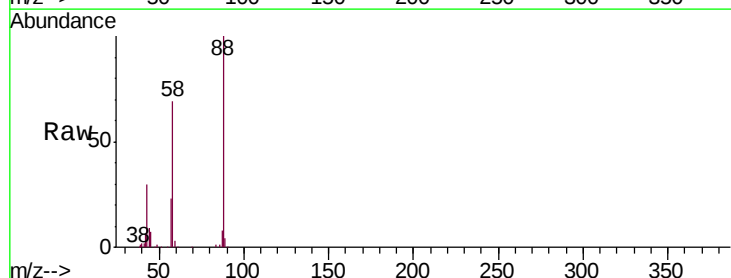
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



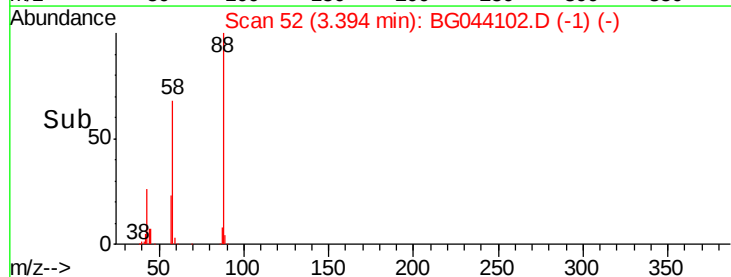
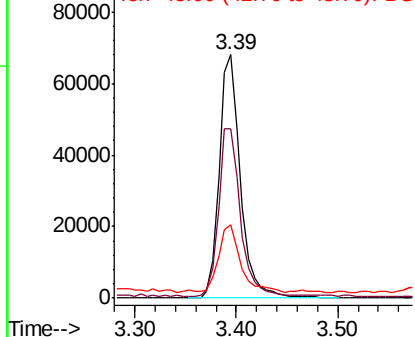
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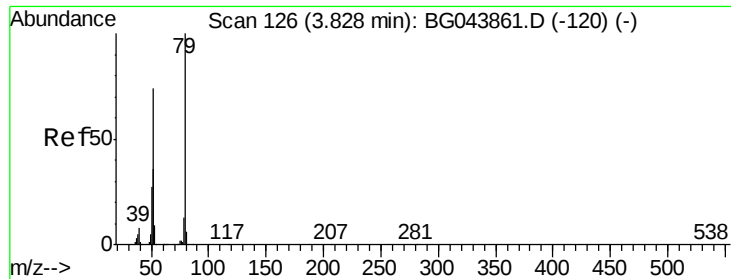
1,4-Dioxane
Concen: 51.157 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

Tgt Ion: 88 Resp: 98369
Ion Ratio Lower Upper
88 100
58 70.9 59.8 89.8
43 28.2 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: 34.724 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044102.D

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Instrument :

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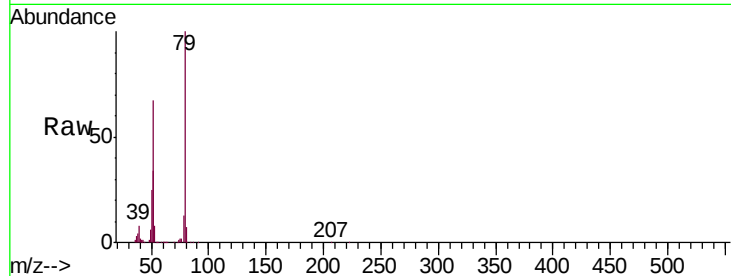
Tgt Ion: 79 Resp: 197250

Ion Ratio Lower Upper

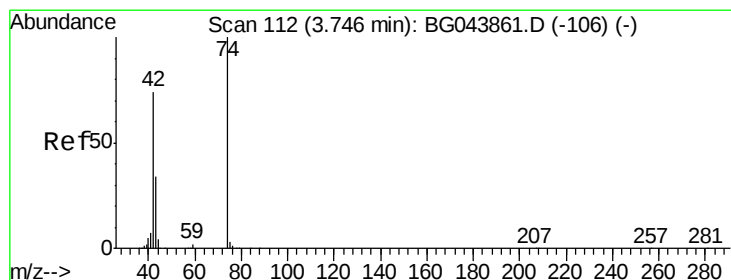
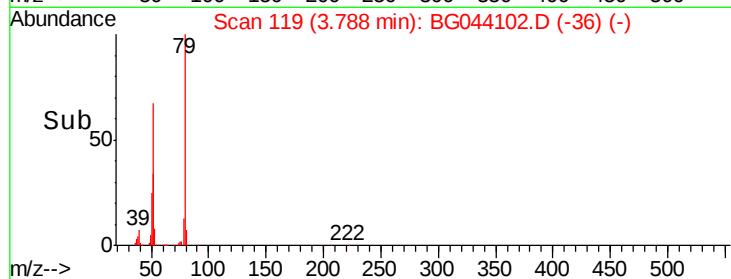
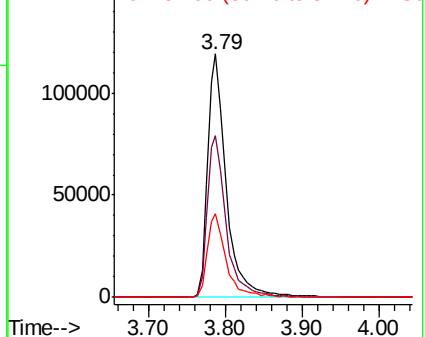
79 100

52 66.6 58.9 88.3

51 34.5 28.6 43.0



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: 40.004 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.05 min

Lab File: BG044102.D

Acq: 20 Jan 2020 17:43

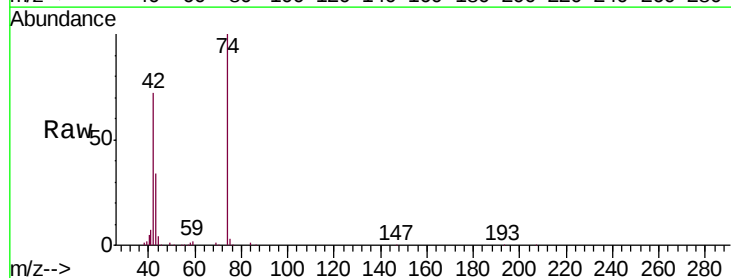
Tgt Ion: 42 Resp: 101172

Ion Ratio Lower Upper

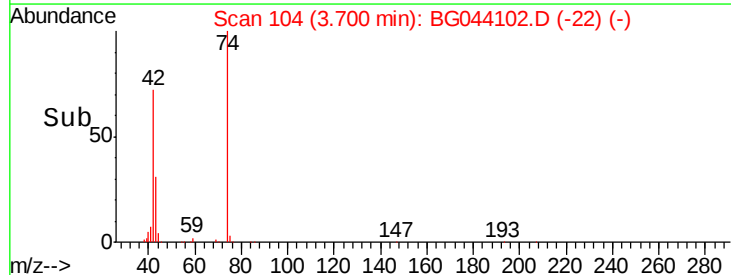
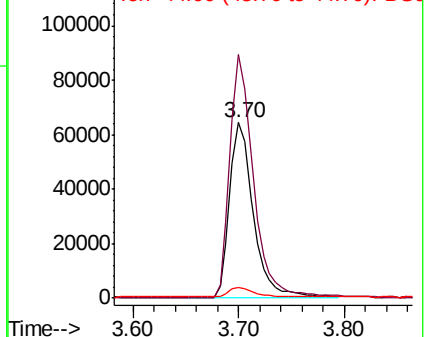
42 100

74 139.0 108.6 162.8

44 6.2 5.0 7.6



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: 146.291 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044102.D

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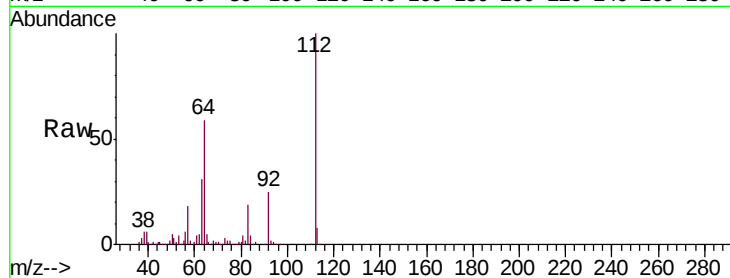
Tgt Ion: 112 Resp: 645150

Ion Ratio Lower Upper

112 100

64 59.2 47.8 71.6

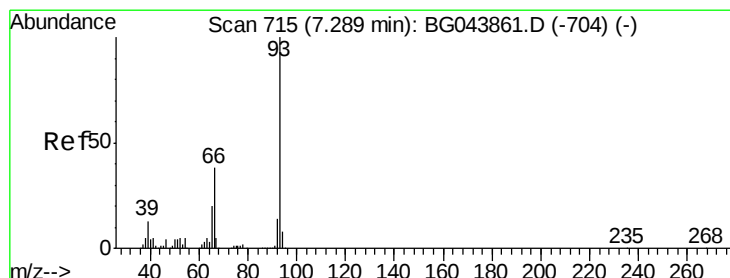
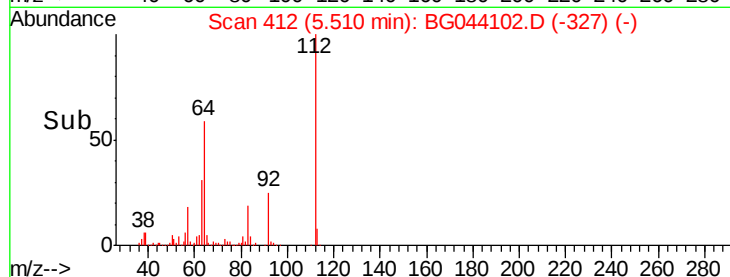
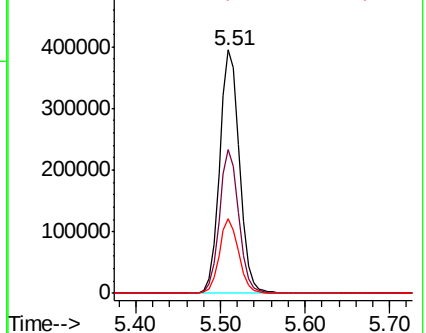
63 30.6 24.3 36.5



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: 32.078 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.03 min

Lab File: BG044102.D

Acq: 20 Jan 2020 17:43

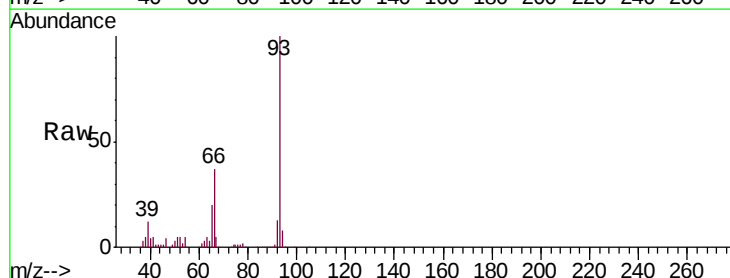
Tgt Ion: 93 Resp: 259733

Ion Ratio Lower Upper

93 100

66 37.3 30.8 46.2

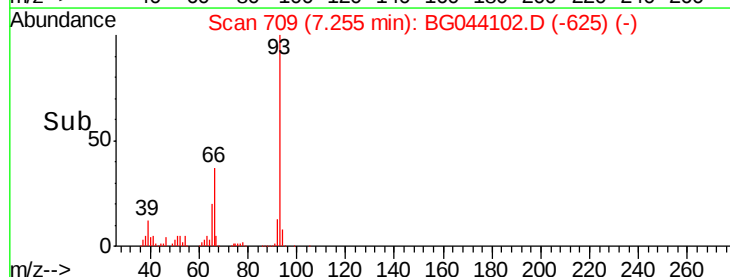
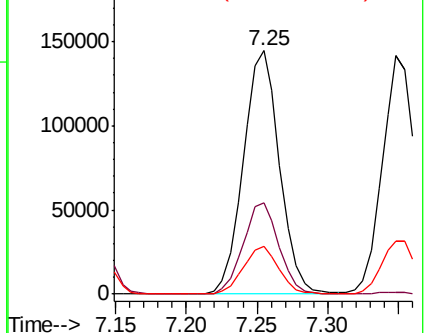
65 19.9 16.0 24.0



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: 139.769 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

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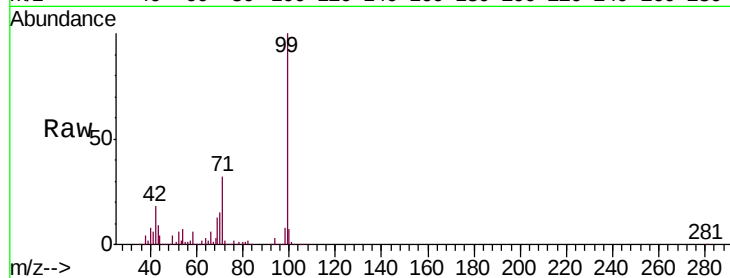
Tgt Ion: 99 Resp: 861602

Ion Ratio Lower Upper

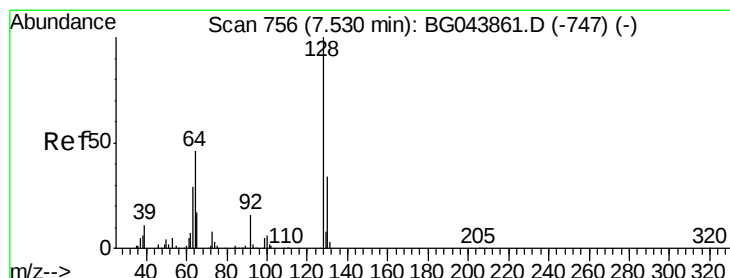
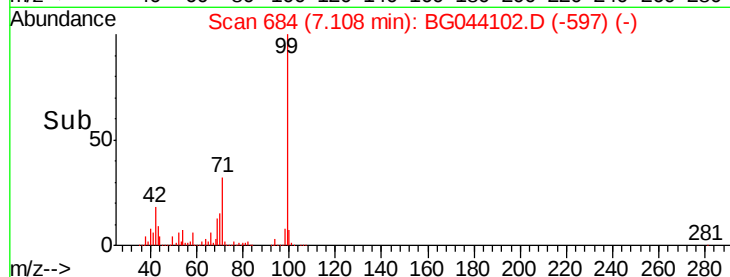
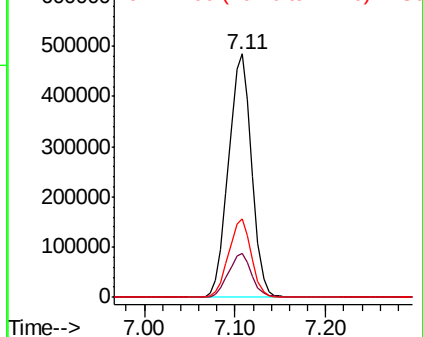
99 100

42 17.9 14.9 22.3

71 32.4 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: 48.370 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

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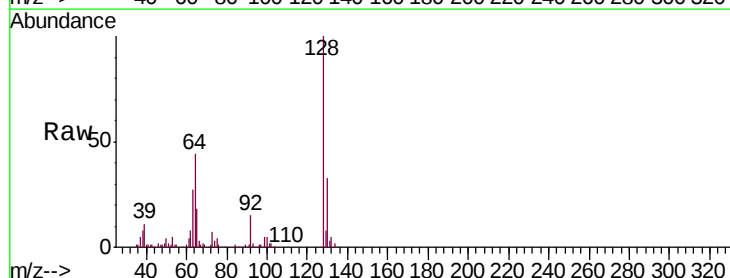
Tgt Ion: 128 Resp: 250426

Ion Ratio Lower Upper

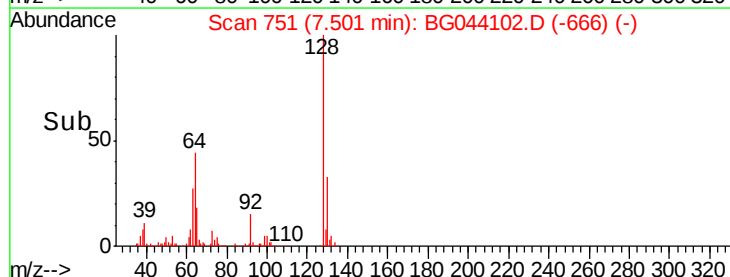
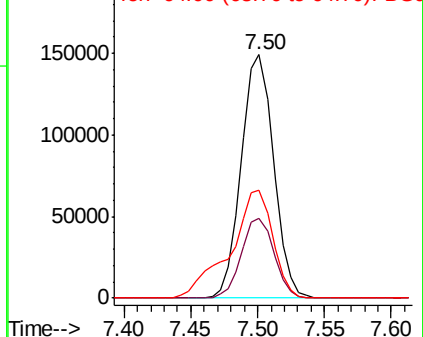
128 100

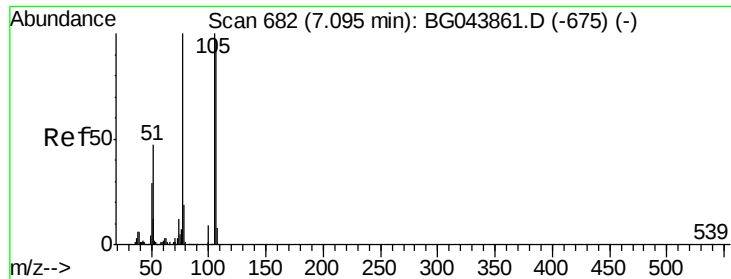
130 32.6 13.8 53.8

64 44.5 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: 31.675 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

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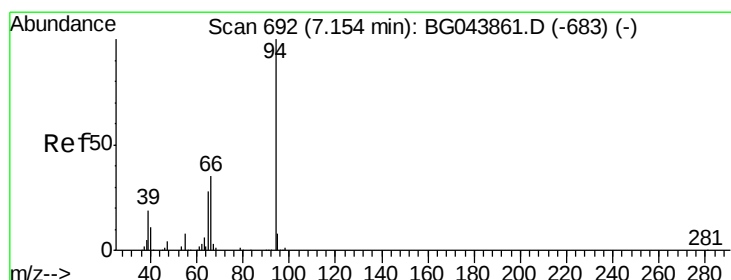
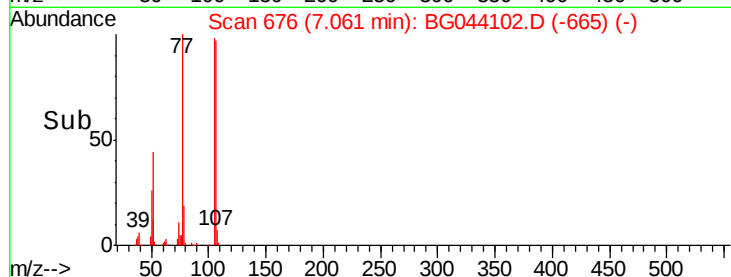
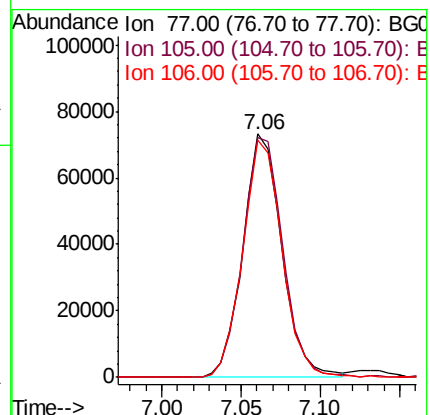
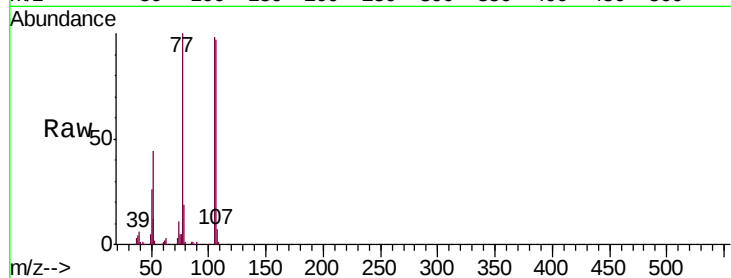
Tgt Ion: 77 Resp: 124971

Ion Ratio Lower Upper

77 100

105 98.4 80.2 120.2

106 97.2 77.2 117.2



#10

Phenol

Concen: 48.372 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

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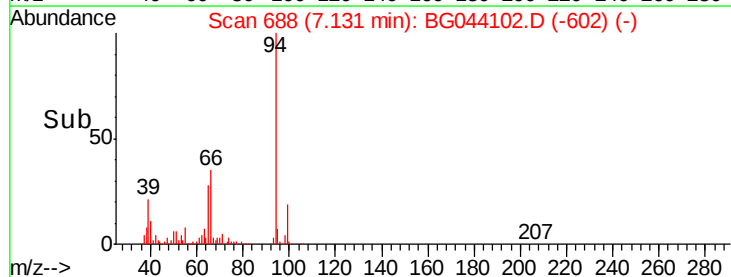
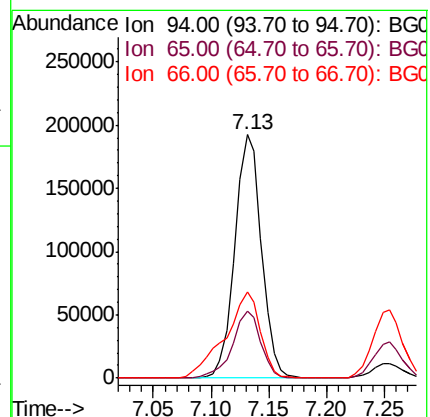
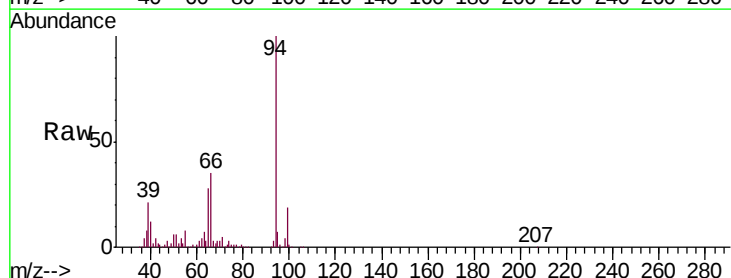
Tgt Ion: 94 Resp: 307231

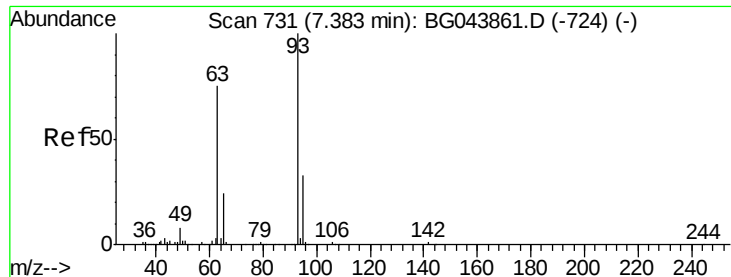
Ion Ratio Lower Upper

94 100

65 27.6 8.1 48.1

66 35.4 15.6 55.6

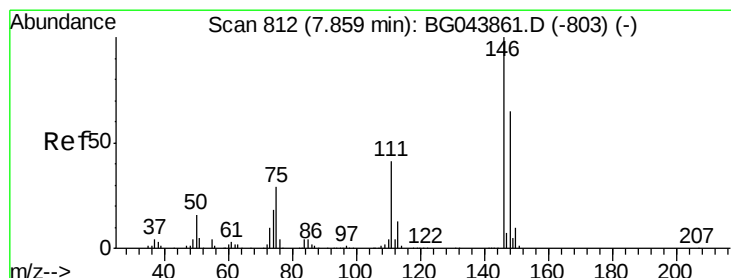
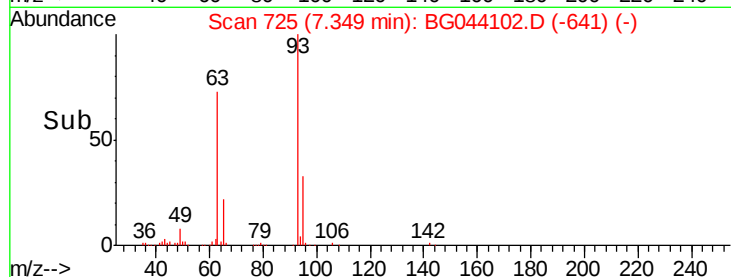
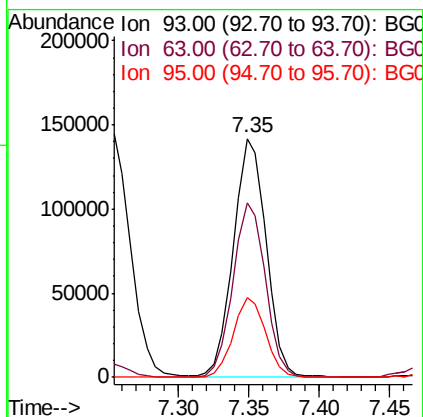
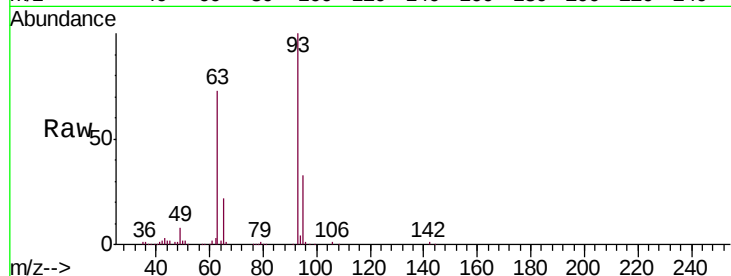




#11
bis(2-Chloroethyl)ether
Concen: 42.021 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

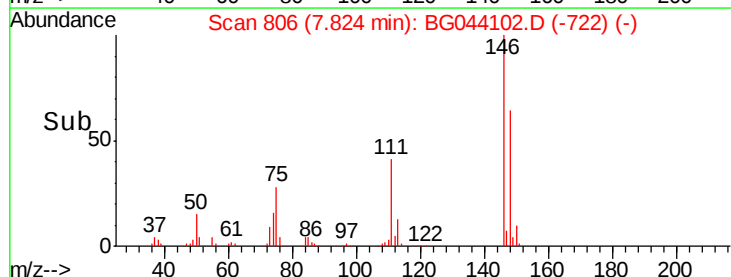
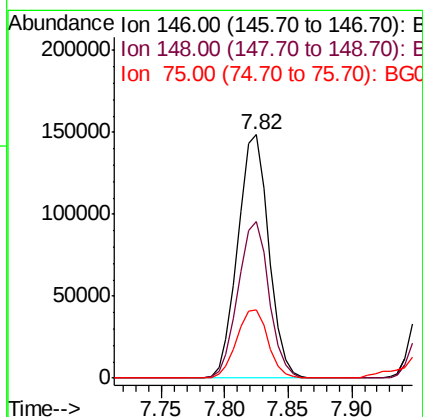
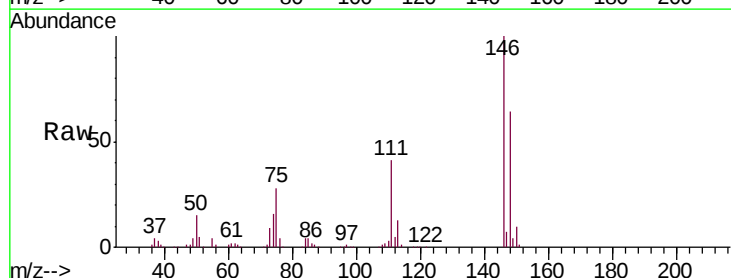
Instrument :
BNA_G
ClientSampleId :
PB126194BS

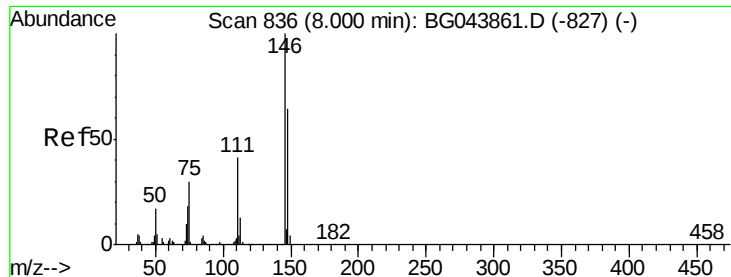
Tgt Ion:	93	Resp:	230379
Ion	Ratio	Lower	Upper
93	100		
63	72.9	55.0	95.0
95	33.3	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 41.594 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.03 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

Tgt Ion:	146	Resp:	252000
Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
75	28.0	23.0	34.4

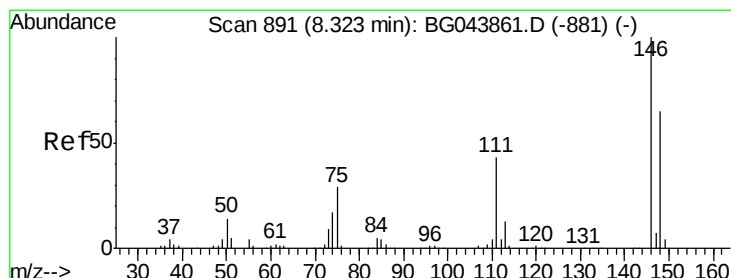
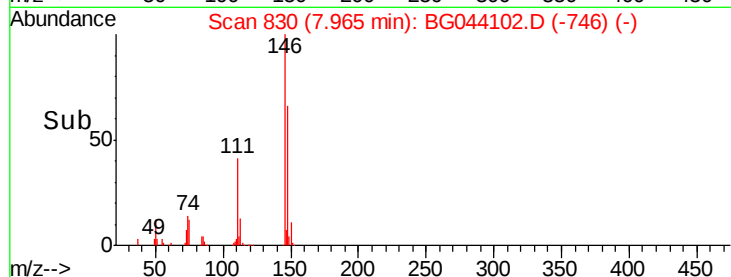
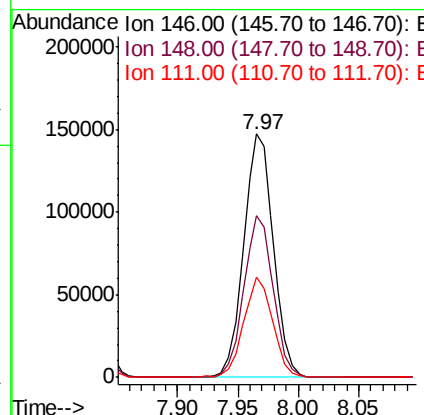
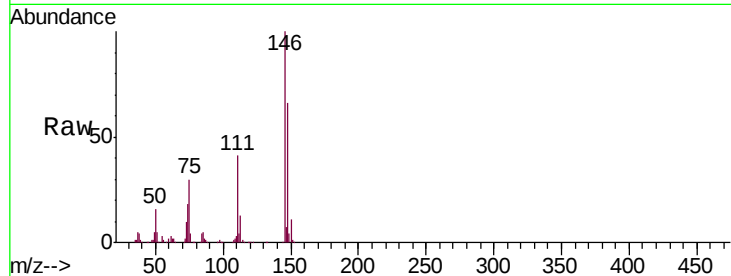




#13
 1,4-Dichlorobenzene
 Concen: 41.964 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BG044102.D
 Acq: 20 Jan 2020 17:43

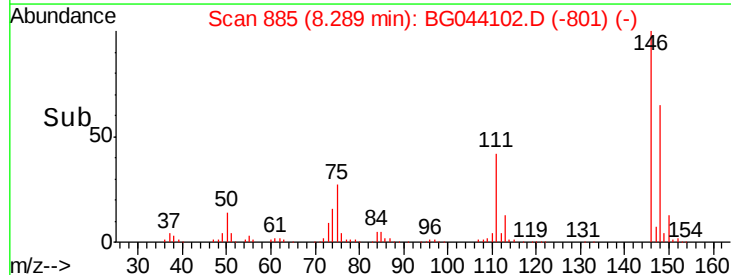
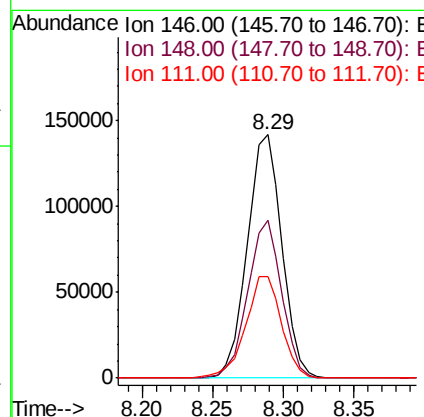
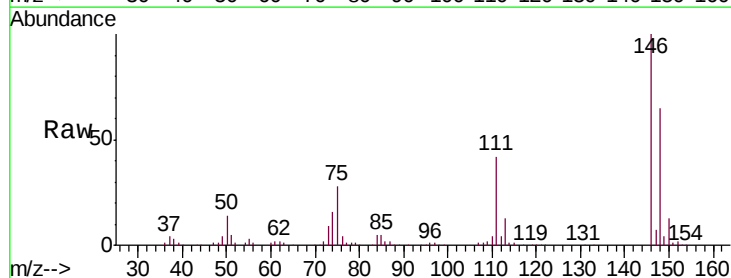
Instrument :
 BNA_G
 ClientSampleId :
 PB126194BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.2	76.8
111	41.3	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 42.322 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BG044102.D
 Acq: 20 Jan 2020 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.7	77.5
111	41.9	34.4	51.6





#15

Benzyl Alcohol

Concen: 43.057 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044102.D

Acq: 20 Jan 2020 17:43

Instrument :

BNA_G

ClientSampleId :

PB126194BS

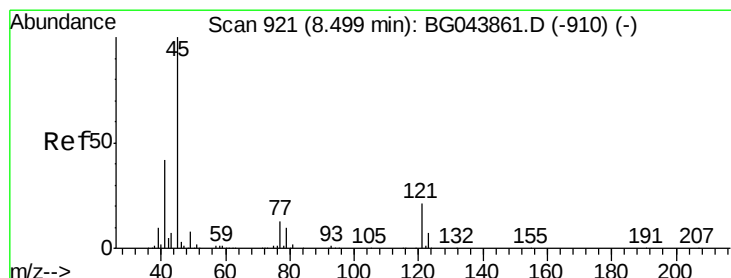
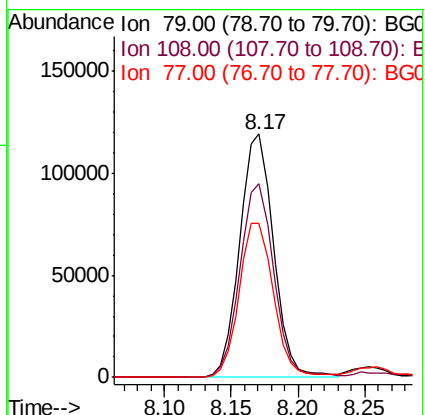
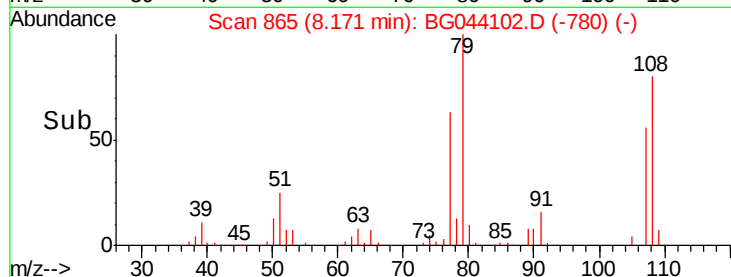
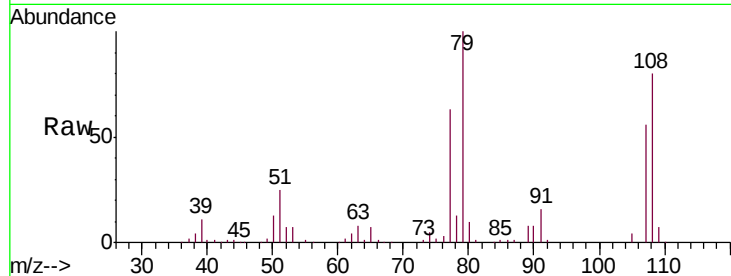
Tgt Ion: 79 Resp: 209479

Ion Ratio Lower Upper

79 100

108 79.5 65.6 98.4

77 63.4 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.164 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.03 min

Lab File: BG044102.D

Acq: 20 Jan 2020 17:43

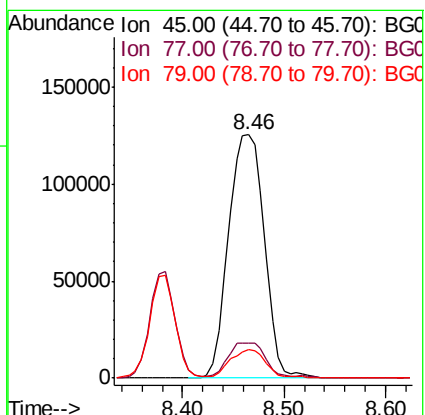
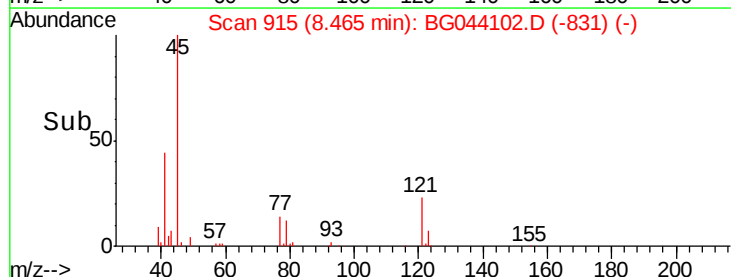
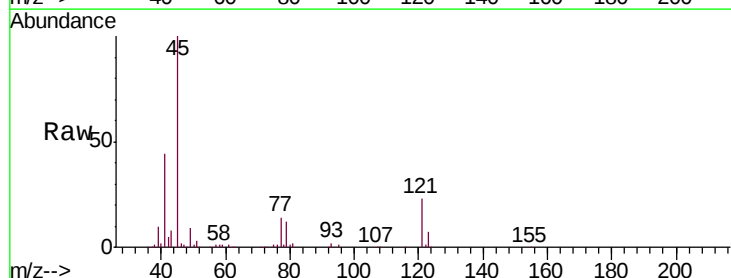
Tgt Ion: 45 Resp: 306741

Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.8

79 11.7 0.0 31.0

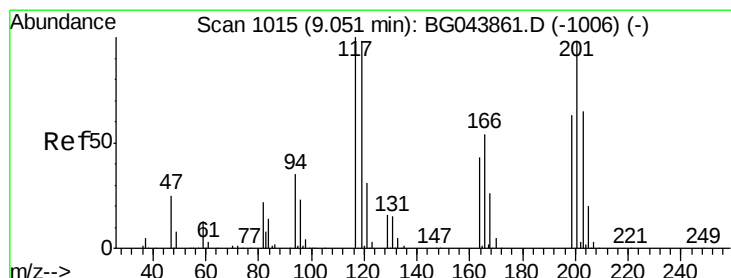
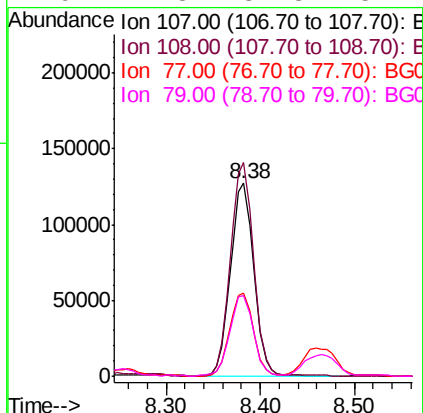
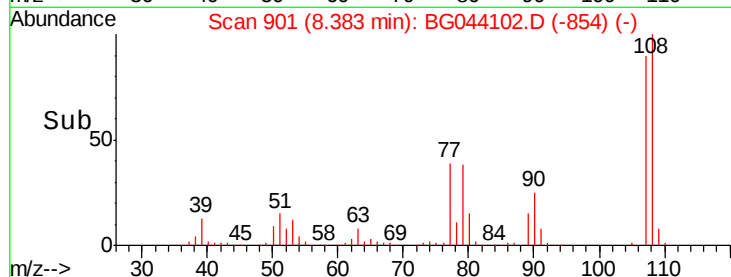
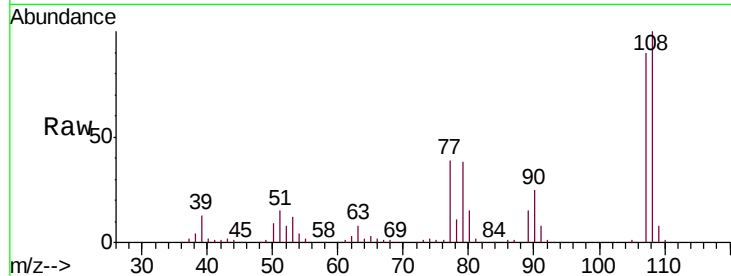




#17
2-Methylphenol
Concen: 47.556 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

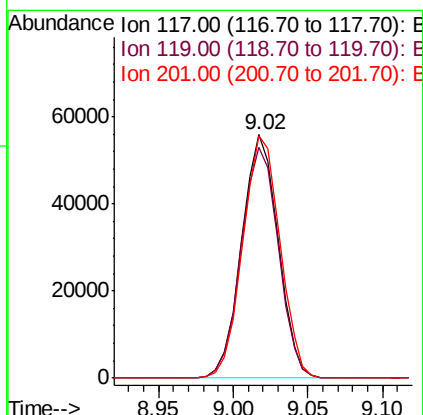
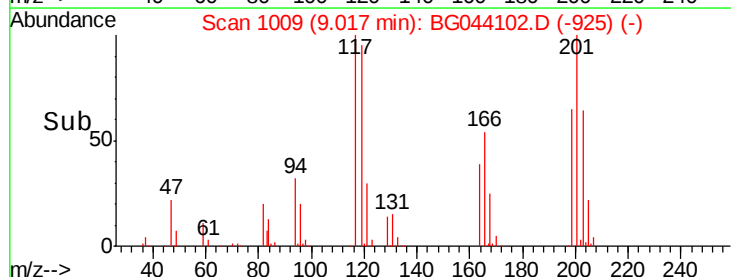
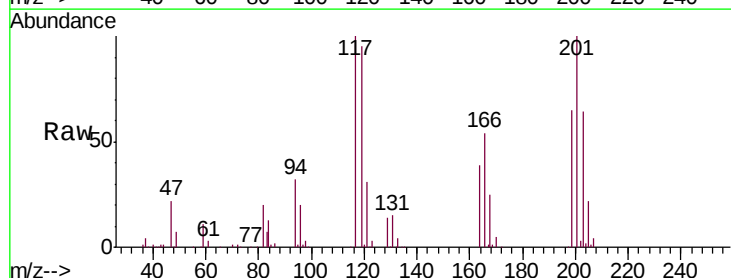
Instrument :
BNA_G
ClientSampleId :
PB126194BS

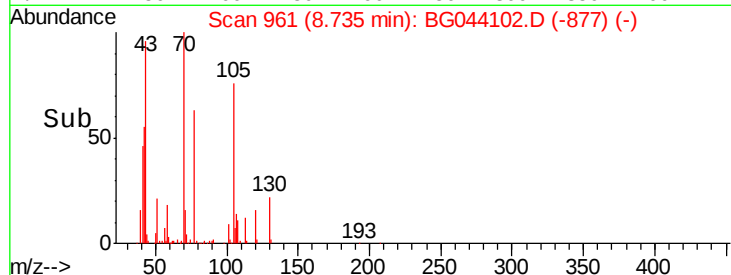
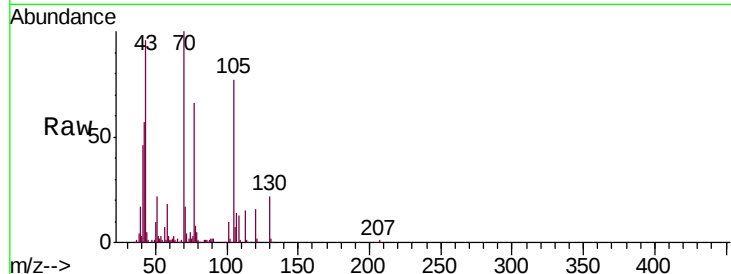
Tgt Ion:107 Resp: 218575
Ion Ratio Lower Upper
107 100
108 110.6 86.1 129.1
77 43.4 35.4 53.0
79 41.8 34.8 52.2



#18
Hexachloroethane
Concen: 40.679 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

Tgt Ion:117 Resp: 94622
Ion Ratio Lower Upper
117 100
119 95.0 78.1 117.1
201 99.7 78.6 117.8

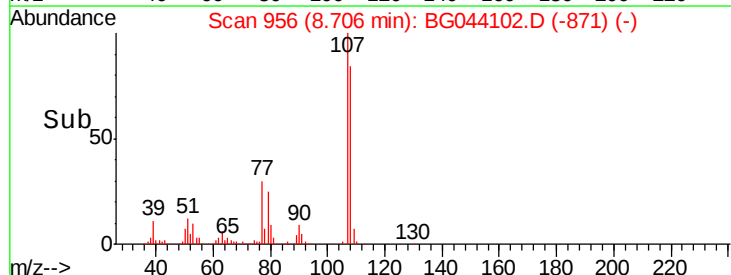
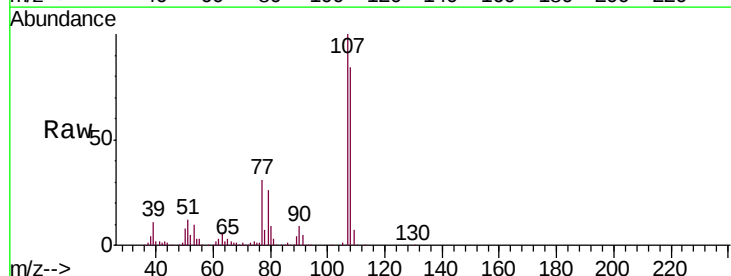
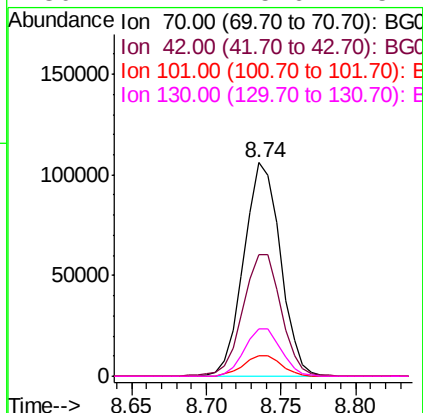




#19
n-Nitroso-di-n-propylamine
Concen: 39.137 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

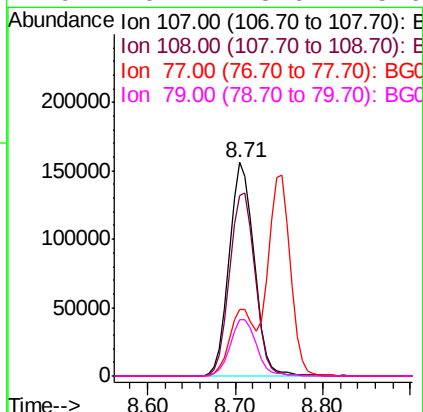
Instrument :
BNA_G
ClientSampleId :
PB126194BS

Tgt Ion:	70	Resp:	179670
Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.0	70.4
101	9.6	7.2	10.8
130	22.2	15.6	23.4



#20
3+4-Methylphenols
Concen: 47.364 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

Tgt Ion:	107	Resp:	303688
Ion	Ratio	Lower	Upper
107	100		
108	84.4	70.3	110.3
77	31.0	12.4	52.4
79	26.4	8.6	48.6

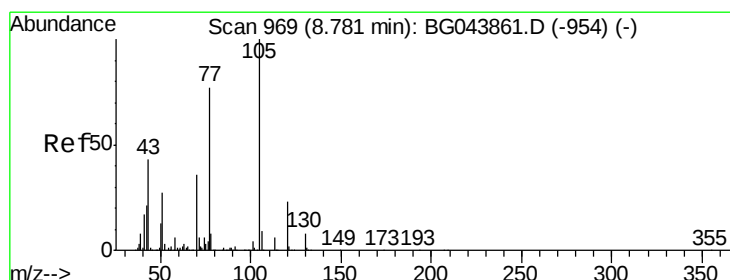
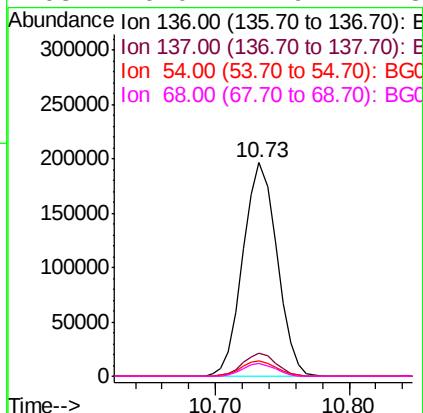
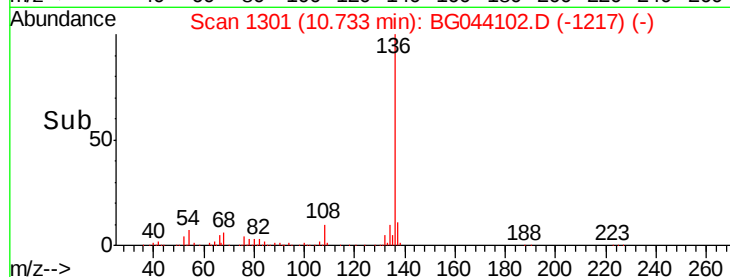
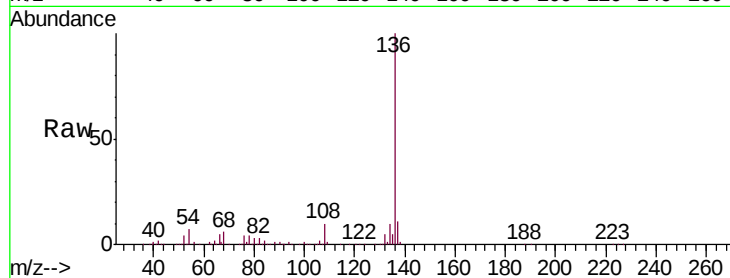




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

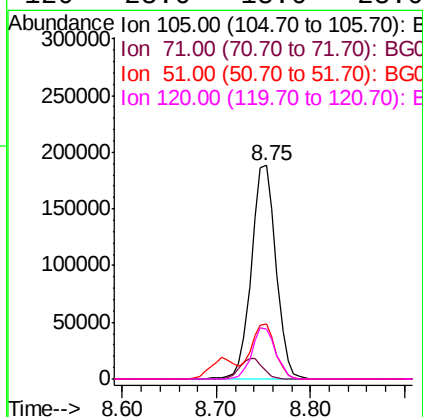
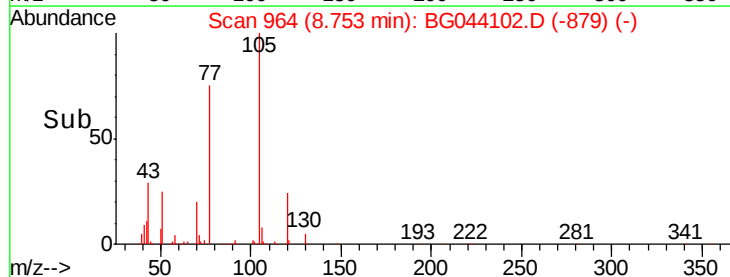
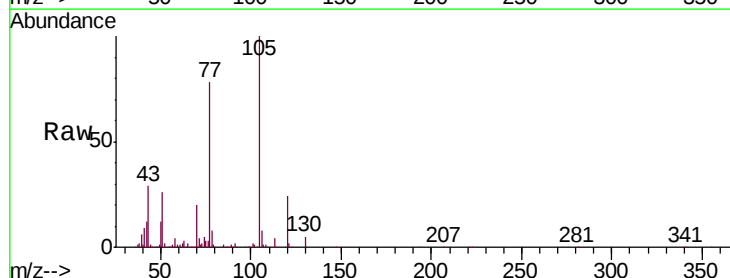
Instrument :
BNA_G
ClientSampleId :
PB126194BS

Tgt Ion:	136	Resp:	346181
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.2	7.0	10.4
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 39.645 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

Tgt Ion:	105	Resp:	341201
Ion	Ratio	Lower	Upper
105	100		
71	3.8	4.8	7.2#
51	26.1	21.4	32.0
120	23.6	18.6	28.0

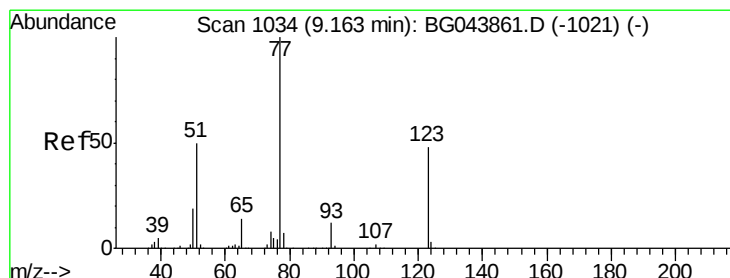
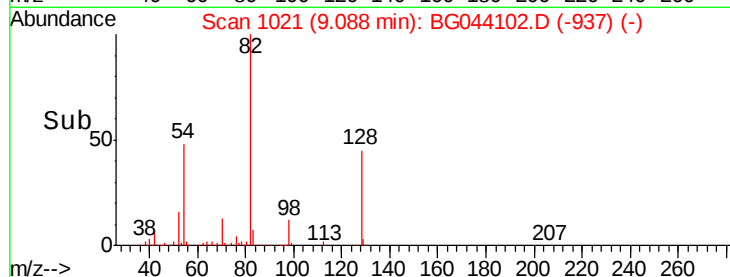
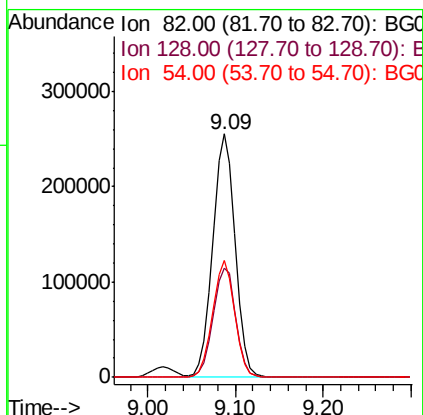
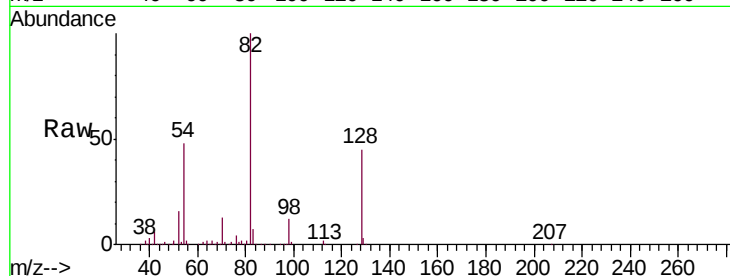




#23
 Nitrobenzene-d5
 Concen: 70.249 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BG044102.D
 Acq: 20 Jan 2020 17:43

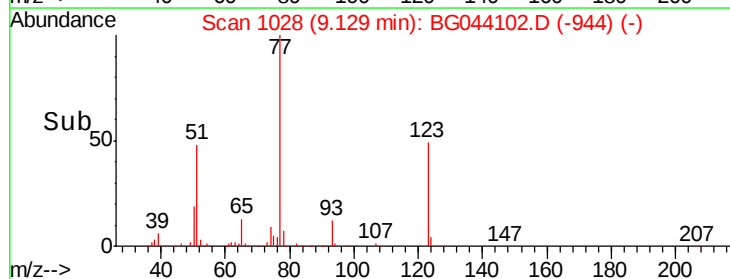
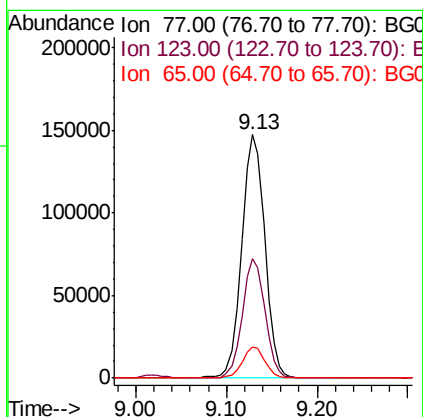
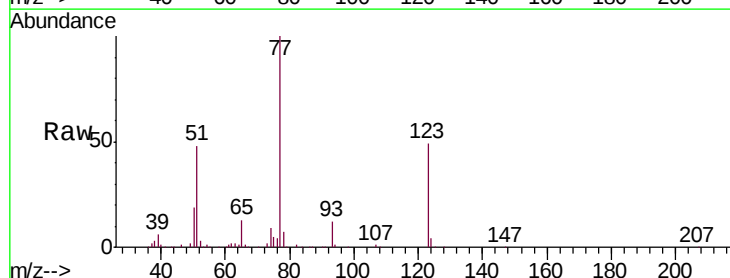
Instrument :
 BNA_G
 ClientSampleId :
 PB126194BS

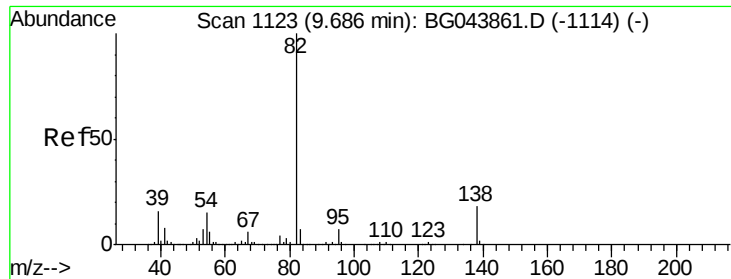
Tgt Ion: 82 Resp: 454593
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.1 52.7
 54 48.1 40.1 60.1



#24
 Nitrobenzene
 Concen: 40.681 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BG044102.D
 Acq: 20 Jan 2020 17:43

Tgt Ion: 77 Resp: 260730
 Ion Ratio Lower Upper
 77 100
 123 49.3 38.7 58.1
 65 12.6 11.1 16.7





#25

Isophorone

Concen: 41.927 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044102.D

Acq: 20 Jan 2020 17:43

Instrument :

BNA_G

ClientSampleId :

PB126194BS

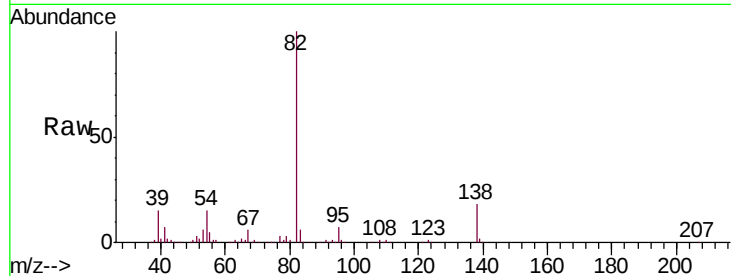
Tgt Ion: 82 Resp: 509022

Ion Ratio Lower Upper

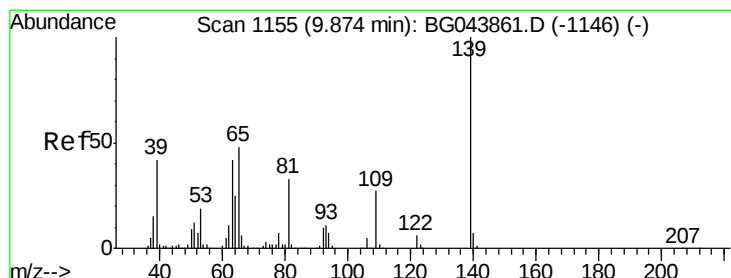
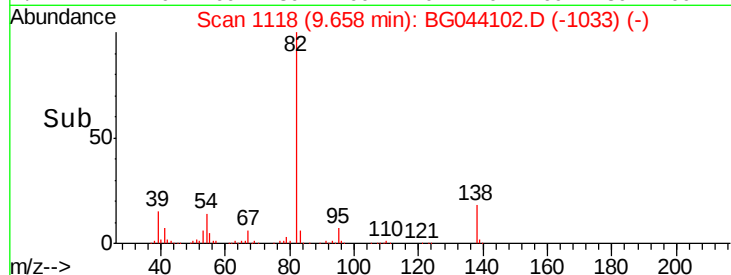
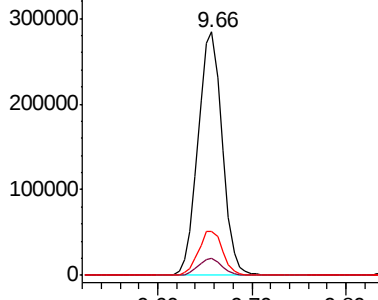
82 100

95 7.2 5.8 8.6

138 18.1 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: 46.935 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BG044102.D

Acq: 20 Jan 2020 17:43

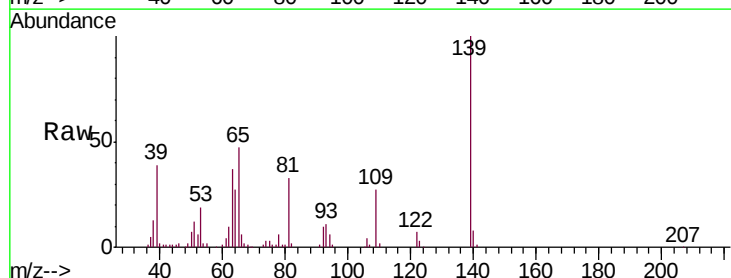
Tgt Ion: 139 Resp: 142322

Ion Ratio Lower Upper

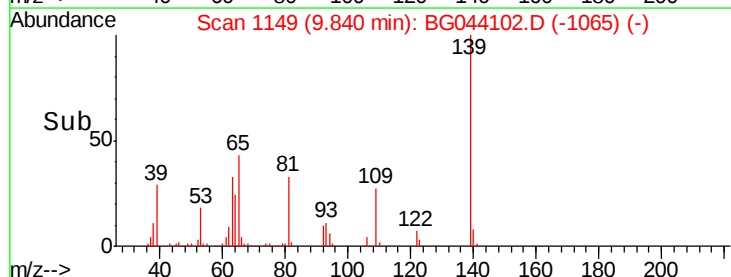
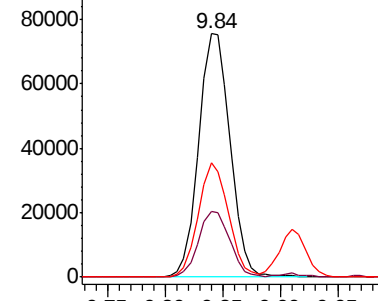
139 100

109 27.0 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

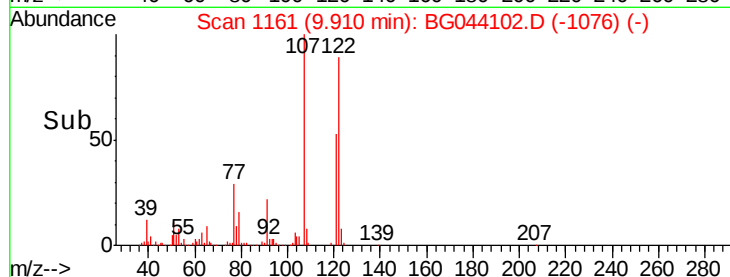
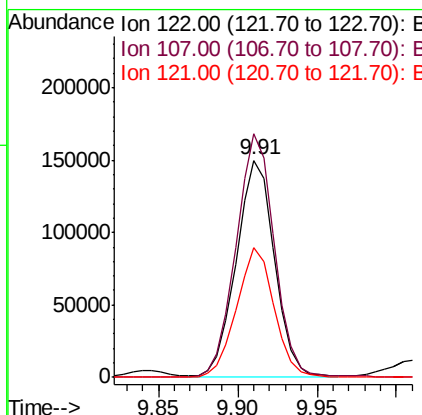
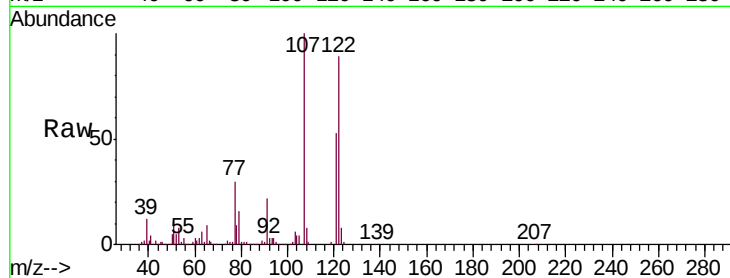




#27
 2,4-Dimethylphenol
 Concen: 54.667 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044102.D
 Acq: 20 Jan 2020 17:43

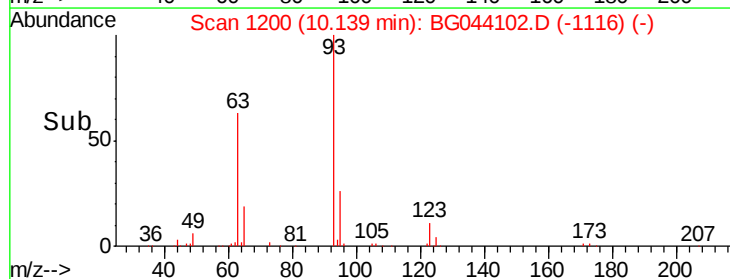
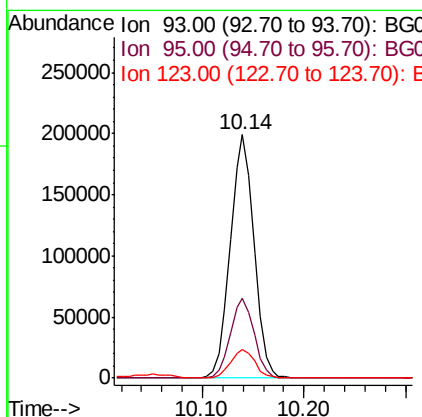
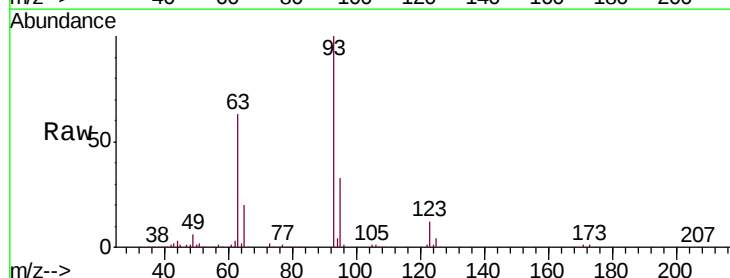
Instrument :
 BNA_G
 ClientSampleId :
 PB126194BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.3	88.0	132.0
121	60.0	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.770 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.03 min
 Lab File: BG044102.D
 Acq: 20 Jan 2020 17:43

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

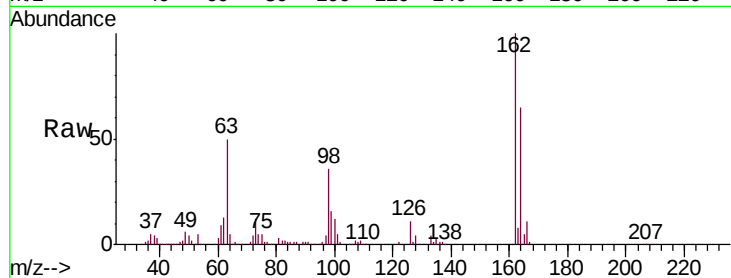




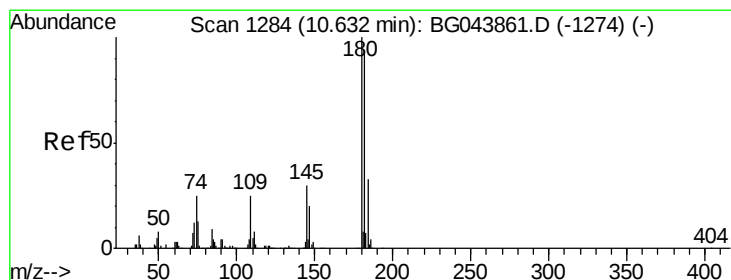
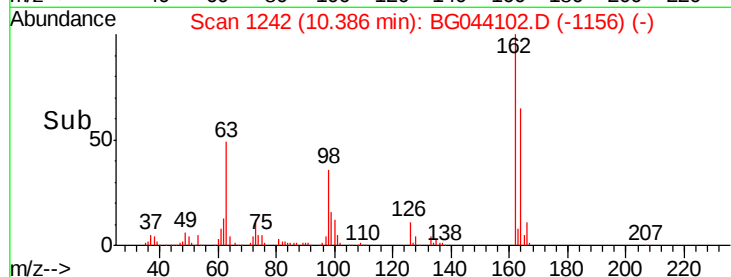
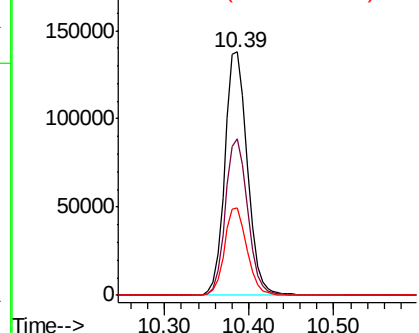
#29
2,4-Dichlorophenol
Concen: 47.045 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

Instrument :
BNA_G
ClientSampleId :
PB126194BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	46.3	86.3
98	36.0	17.3	57.3

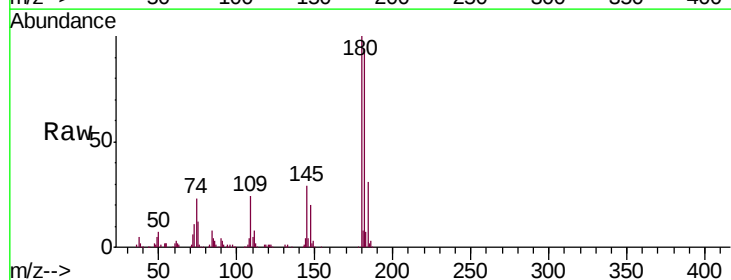


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

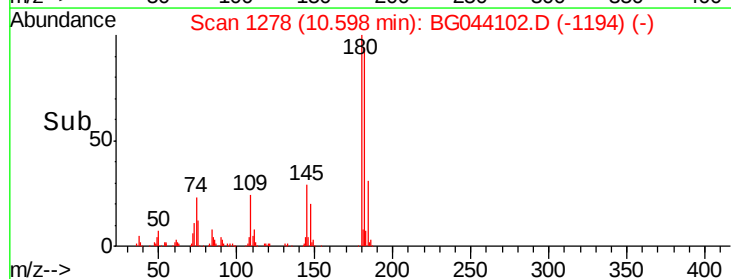
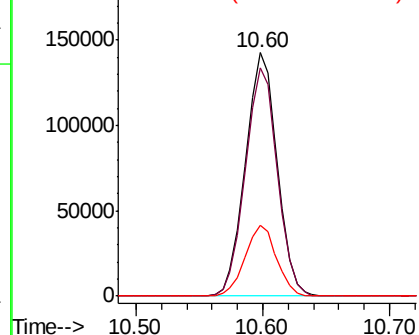


#30
1,2,4-Trichlorobenzene
Concen: 40.502 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.0	112.4
145	29.2	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

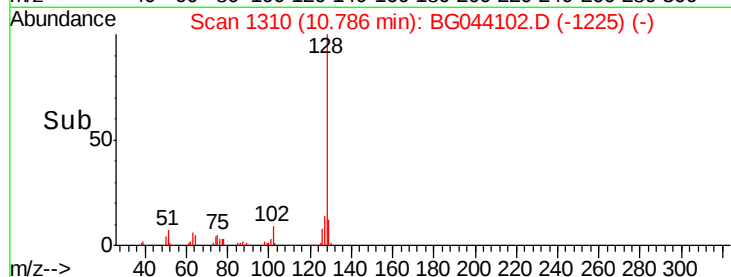
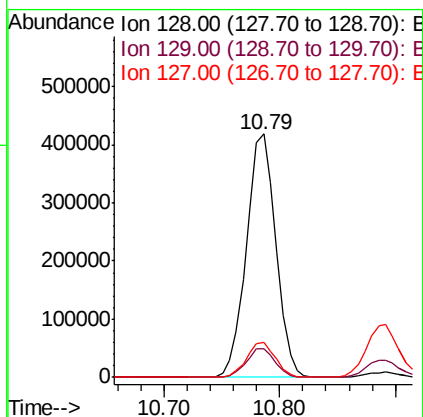
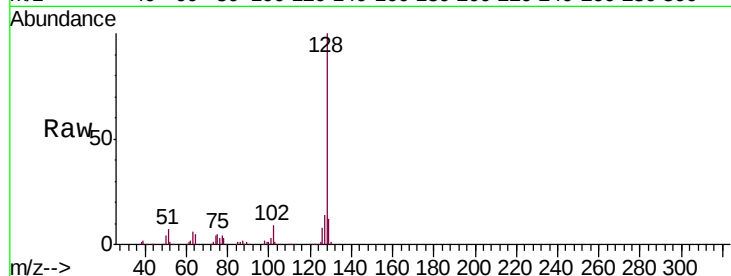




#31
Naphthalene
Concen: 44.446 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

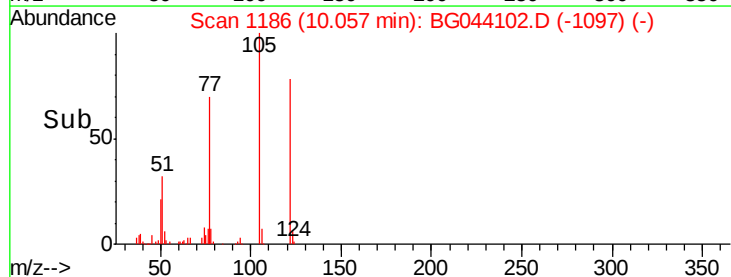
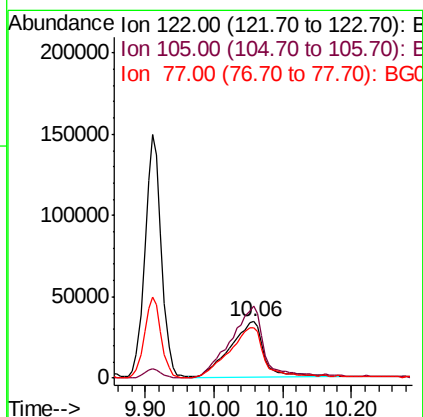
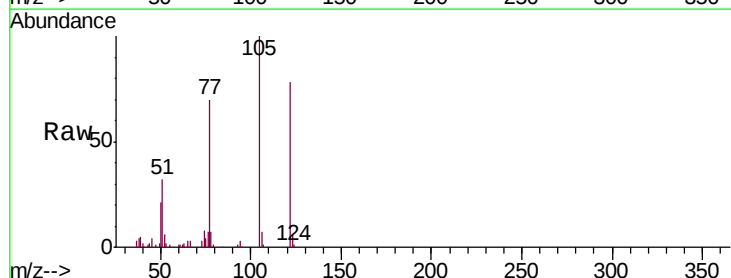
Instrument :
BNA_G
ClientSampled :
PB126194BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	14.4	12.0	18.0



#32
Benzoic acid
Concen: 33.891 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	106.4	146.4
77	88.9	74.6	114.6

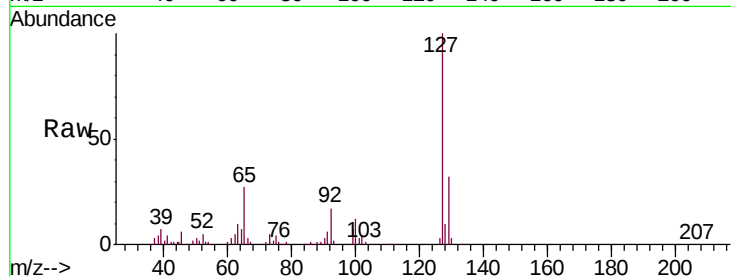




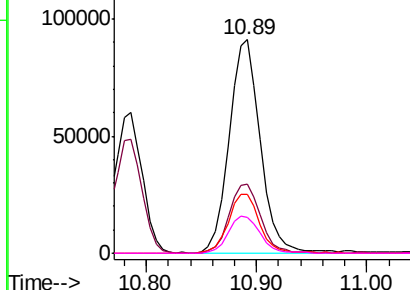
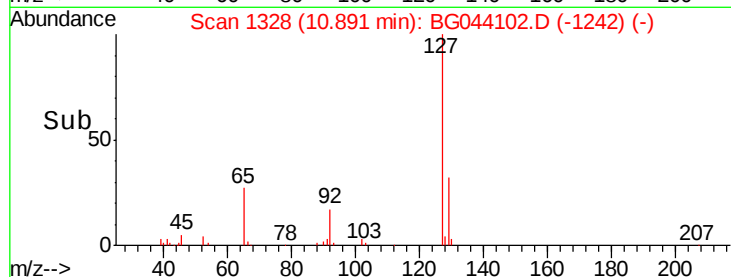
#33
4-Chloroaniline
Concen: 22.501 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

Instrument :
BNA_G
ClientSampleId :
PB126194BS

Tgt Ion:	127	Resp:	179790
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	40.0
65	27.4	23.3	34.9
92	16.8	14.7	22.1

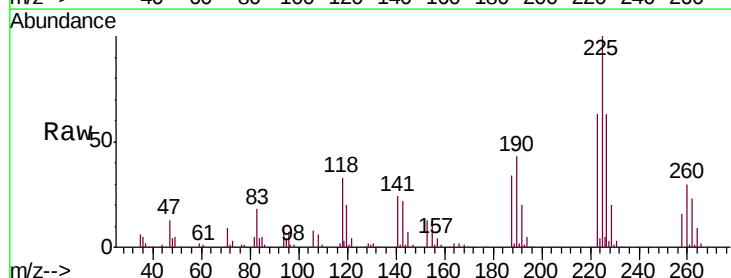


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

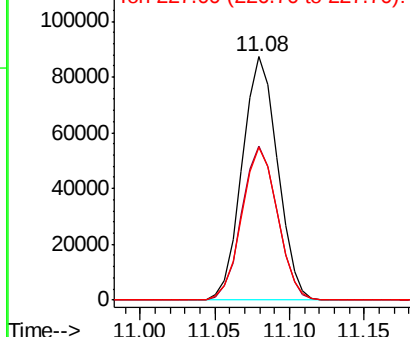
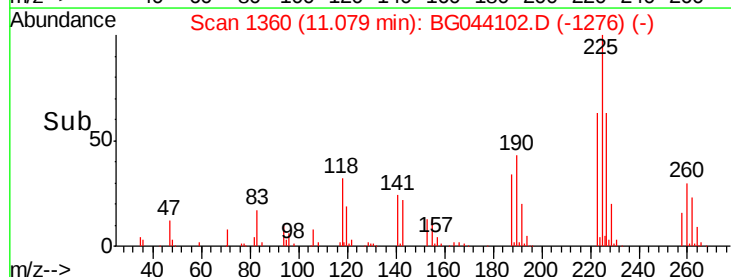


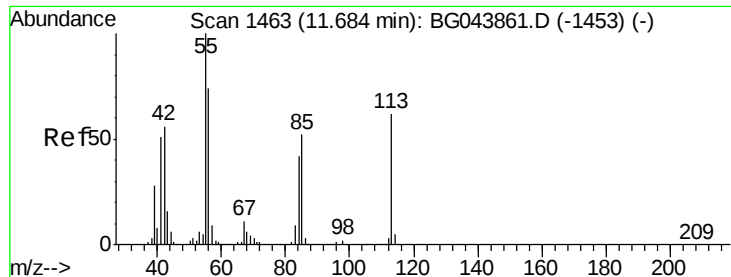
#34
Hexachlorobutadiene
Concen: 38.517 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BG044102.D
Acq: 20 Jan 2020 17:43

Tgt Ion:	225	Resp:	143566
Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.4
227	62.7	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: 33.849 ng

RT: 11.66 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044102.D

Acq: 20 Jan 2020 17:43

Instrument :

BNA_G

ClientSampleId :

PB126194BS

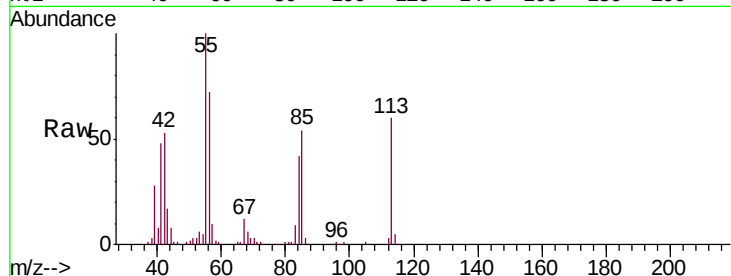
Tgt Ion:113 Resp: 68608

Ion Ratio Lower Upper

113 100

55 166.1 142.5 182.5

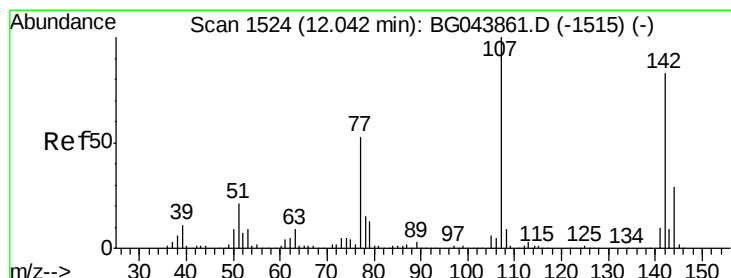
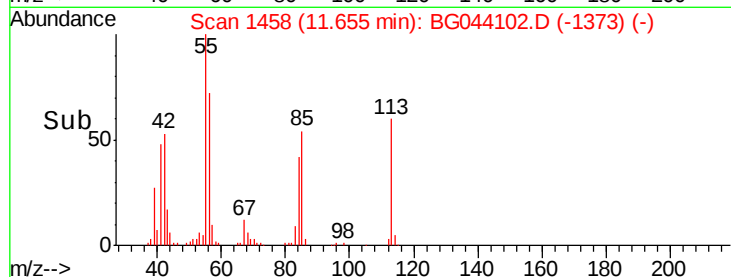
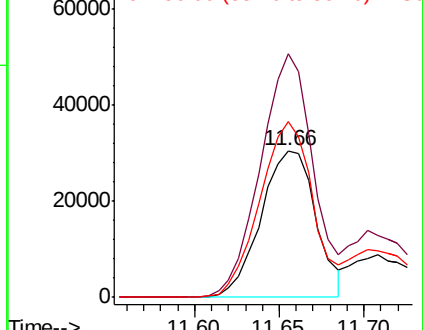
56 119.6 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.724 ng

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044102.D

Acq: 20 Jan 2020 17:43

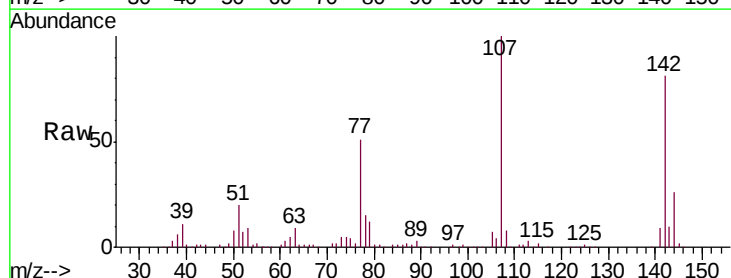
Tgt Ion:107 Resp: 276616

Ion Ratio Lower Upper

107 100

144 26.5 23.4 35.2

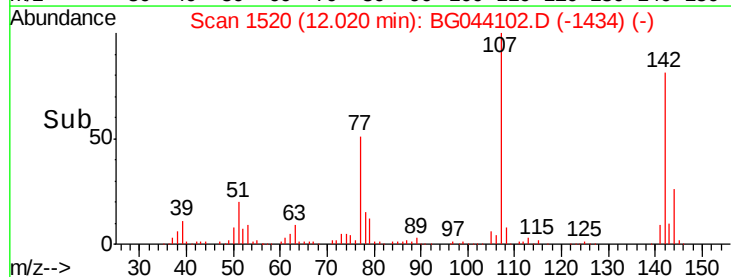
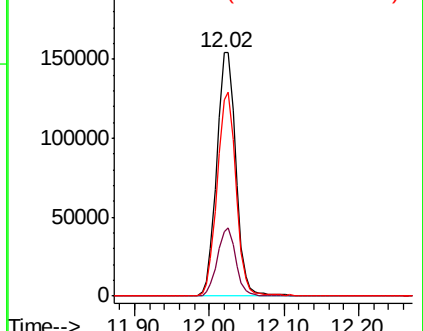
142 80.6 66.3 99.5

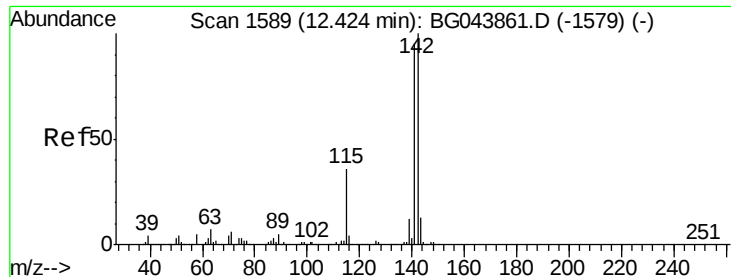


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

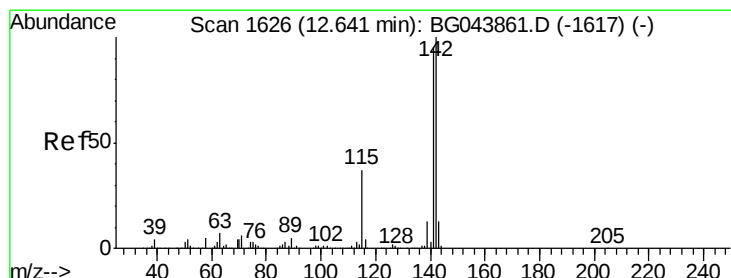
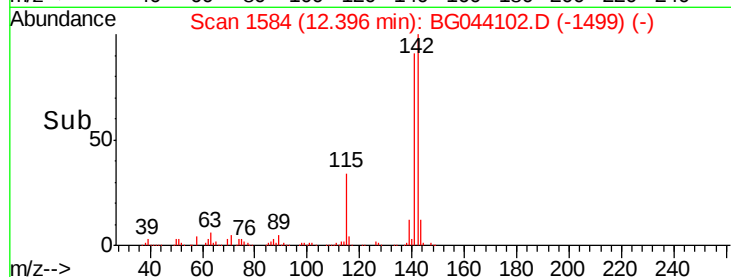
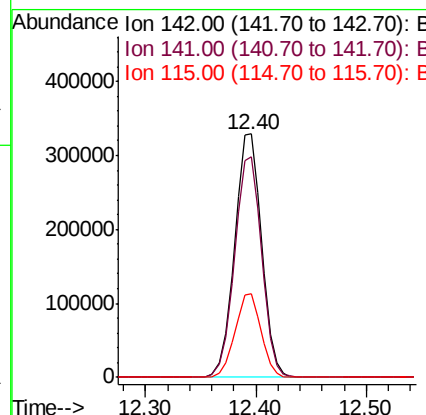
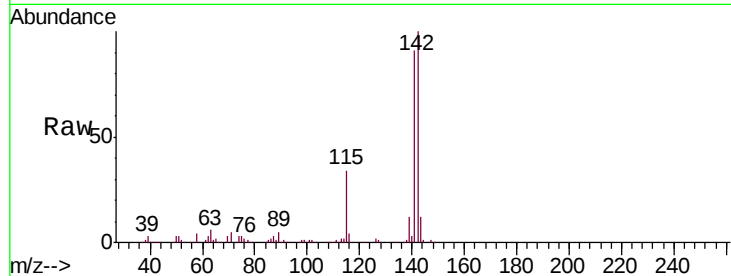




#37
 2-Methylnaphthalene
 Concen: 44.758 ng
 RT: 12.40 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BG044102.D
 Acq: 20 Jan 2020 17:43

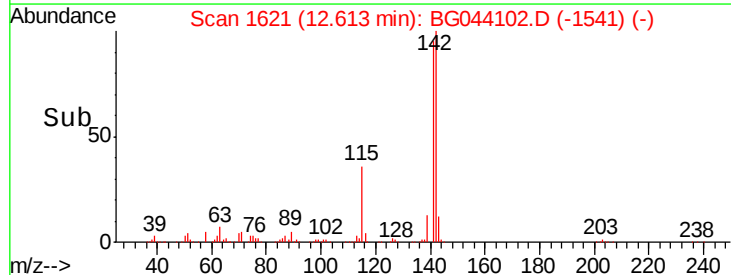
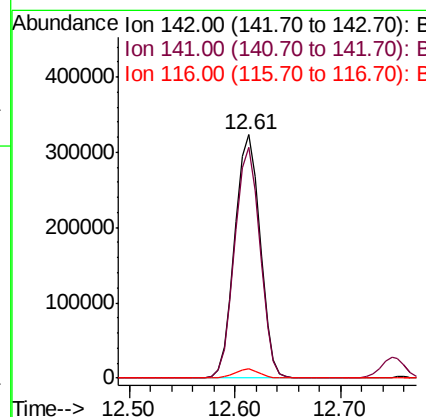
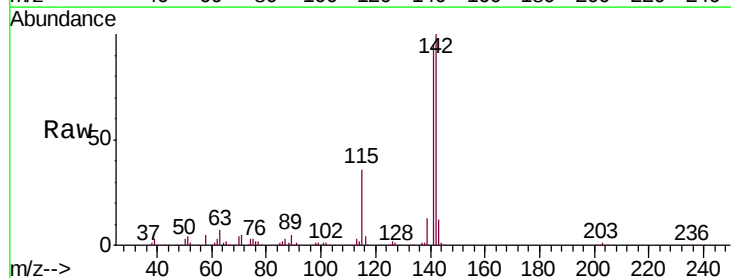
Instrument :
 BNA_G
 ClientSampleId :
 PB126194BS

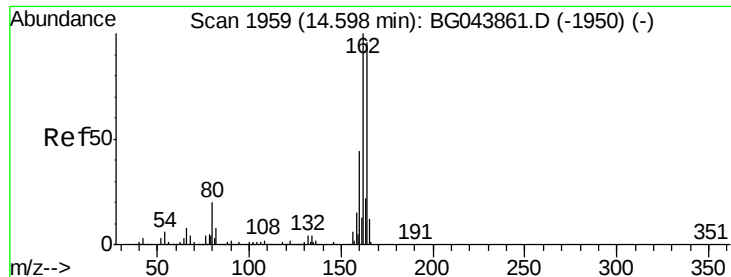
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	75.8	113.8
115	34.3	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 44.853 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.03 min
 Lab File: BG044102.D
 Acq: 20 Jan 2020 17:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044102.D

Acq: 20 Jan 2020 17:43

Instrument :

BNA_G

ClientSampleId :

PB126194BS

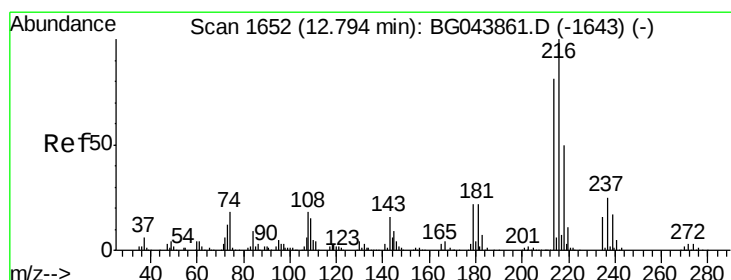
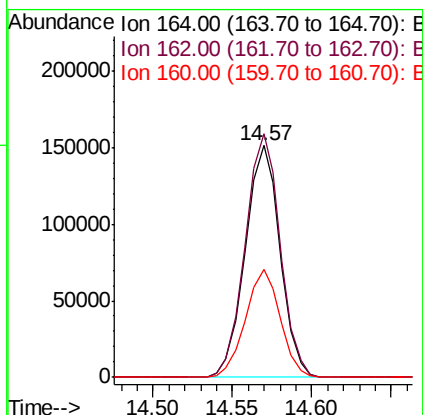
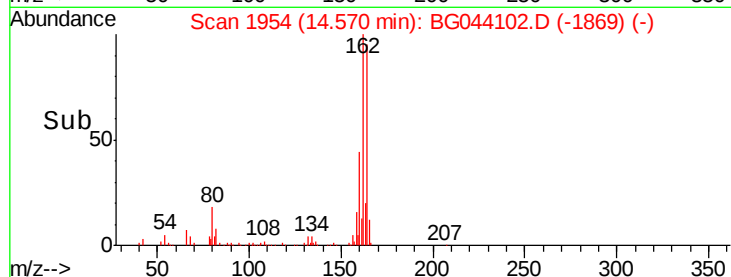
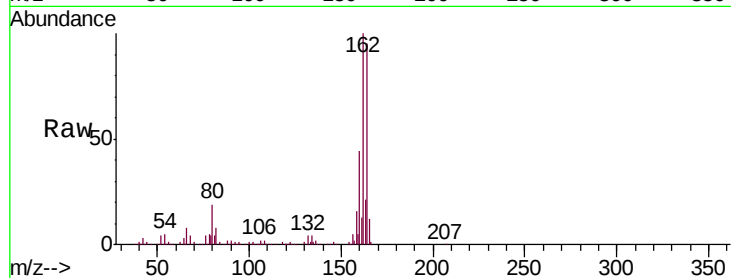
Tgt Ion:164 Resp: 230164

Ion Ratio Lower Upper

164 100

162 105.1 83.0 124.4

160 46.4 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.821 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044102.D

Acq: 20 Jan 2020 17:43

Tgt Ion:216 Resp: 268638

Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.8

179 21.4 17.3 25.9

108 20.2 15.3 22.9

