

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012220\
 Data File : BG044155.D
 Acq On : 22 Jan 2020 13:06
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 23 07:49:21 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	97137	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	420575	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	277033	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	586197	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	495342	20.00	ng	-0.03
87) Perylene-d12	24.67	264	569981	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	474441	89.68	ng	-0.03
7) Phenol-d6	7.10	99	657422	88.90	ng	-0.03
23) Nitrobenzene-d5	9.08	82	611739	77.81	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	259126	89.38	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1328131	86.86	ng	-0.03
79) Terphenyl-d14	19.92	244	1847685	91.83	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	98923	42.885	ng	97
3) Pyridine	3.80	79	292225	42.884	ng	93
4) n-Nitrosodimethylamine	3.71	42	121131	39.926	ng	95
6) Aniline	7.25	93	397207	40.894	ng	98
8) 2-Chlorophenol	7.50	128	267128	43.011	ng	95
9) Benzaldehyde	7.06	77	165973	35.068	ng	98
10) Phenol	7.13	94	327114	42.933	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	266138	40.466	ng	99
12) 1,3-Dichlorobenzene	7.82	146	306680	42.197	ng	98
13) 1,4-Dichlorobenzene	7.97	146	303924	42.382	ng	99
14) 1,2-Dichlorobenzene	8.29	146	290268	42.171	ng	98
15) Benzyl Alcohol	8.17	79	236559	40.533	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	382583	37.600	ng	97
17) 2-Methylphenol	8.38	107	233864	42.415	ng	98
18) Hexachloroethane	9.01	117	118411	42.436	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	217105	39.423	ng	98
20) 3+4-Methylphenols	8.70	107	325718	42.347	ng	96
22) Acetophenone	8.75	105	413436	39.541	ng	99
24) Nitrobenzene	9.13	77	306099	39.311	ng	99
25) Isophorone	9.65	82	578918	39.250	ng	100
26) 2-Nitrophenol	9.84	139	160536	43.577	ng	97
27) 2,4-Dimethylphenol	9.91	122	225508	40.666	ng	97
28) bis(2-Chloroethoxy)methane	10.14	93	382813	38.931	ng	97
29) 2,4-Dichlorophenol	10.38	162	275229	41.608	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	302960	40.848	ng	99
31) Naphthalene	10.78	128	849349	41.732	ng	99
32) Benzoic acid	10.07	122	152061	35.541	ng	95
33) 4-Chloroaniline	10.89	127	390785	40.257	ng	98
34) Hexachlorobutadiene	11.08	225	183248	40.467	ng	98
35) Caprolactam	11.66	113	103527	42.042	ng	95
36) 4-Chloro-3-methylphenol	12.02	107	300202	42.632	ng	99
37) 2-Methylnaphthalene	12.39	142	635215	41.456	ng	96
38) 1-Methylnaphthalene	12.61	142	606956	41.795	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	329967	40.637	ng	99

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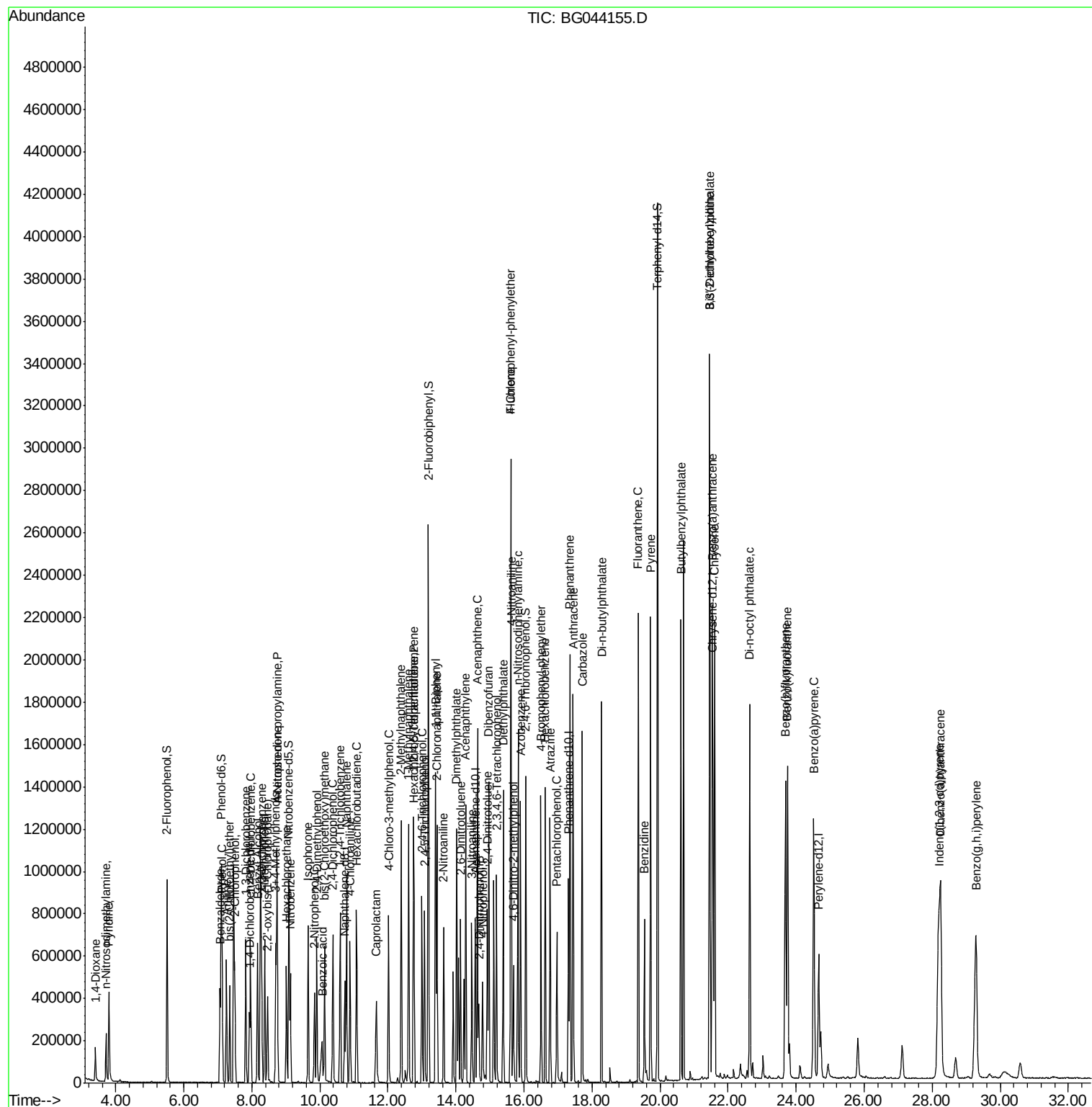
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	156289	37.126	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	226513	40.542	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	233677	40.552	ng	97
46) 1,1'-Biphenyl	13.40	154	828731	41.723	ng	97
47) 2-Chloronaphthalene	13.44	162	655567	40.844	ng	98
48) 2-Nitroaniline	13.64	65	208029	40.293	ng	96
49) Acenaphthylene	14.29	152	983044	42.613	ng	98
50) Dimethylphthalate	14.03	163	818143	41.593	ng	99
51) 2,6-Dinitrotoluene	14.14	165	183492	41.271	ng	96
52) Acenaphthene	14.63	154	633786	39.175	ng	97
53) 3-Nitroaniline	14.47	138	211001	41.792	ng	100
54) 2,4-Dinitrophenol	14.67	184	98245	45.885	ng	97
55) Dibenzofuran	14.97	168	947459	42.542	ng	99
56) 4-Nitrophenol	14.78	139	159218	41.153	ng	93
57) 2,4-Dinitrotoluene	14.92	165	262454	43.383	ng	98
58) Fluorene	15.61	166	758230	42.954	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	203554	41.080	ng	98
60) Diethylphthalate	15.39	149	843980	42.898	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	399277	41.656	ng	99
62) 4-Nitroaniline	15.63	138	208225	41.764	ng	97
63) Azobenzene	15.90	77	760007	41.654	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	137900	45.873	ng	94
66) n-Nitrosodiphenylamine	15.82	169	705707	40.880	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	263427	39.956	ng	98
68) Hexachlorobenzene	16.62	284	290966	40.958	ng	98
69) Atrazine	16.77	200	223555	39.840	ng	99
70) Pentachlorophenol	16.96	266	144834	36.984	ng	97
71) Phenanthrene	17.35	178	1203965	42.820	ng	98
72) Anthracene	17.44	178	1184922	42.642	ng	98
73) Carbazole	17.71	167	1090566	42.488	ng	97
74) Di-n-butylphthalate	18.28	149	1382740	42.193	ng	97
75) Fluoranthene	19.36	202	1360523	42.310	ng	97
77) Benzidine	19.54	184	510981	41.040	ng	99
78) Pyrene	19.72	202	1359121	42.035	ng	96
80) Butylbenzylphthalate	20.61	149	657047	42.684	ng	98
81) Benzo(a)anthracene	21.54	228	1307008	42.553	ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	488832	40.284	ng	99
83) Chrysene	21.60	228	1262301	43.252	ng	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	889663	41.886	ng	97
85) Di-n-octyl phthalate	22.63	149	1562892	43.769	ng	98
86) Indeno(1,2,3-cd)pyrene	28.19	276	1626687	41.013	ng	99
88) Benzo(b)fluoranthene	23.68	252	1372693	40.738	ng	99
89) Benzo(k)fluoranthene	23.75	252	1360449	42.458	ng	98
90) Benzo(a)pyrene	24.52	252	1318538	41.460	ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1313329	41.119	ng	97
92) Benzo(g,h,i)perylene	29.29	276	1319064	41.577	ng	97

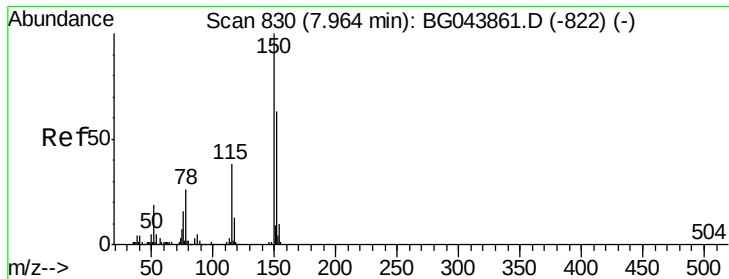
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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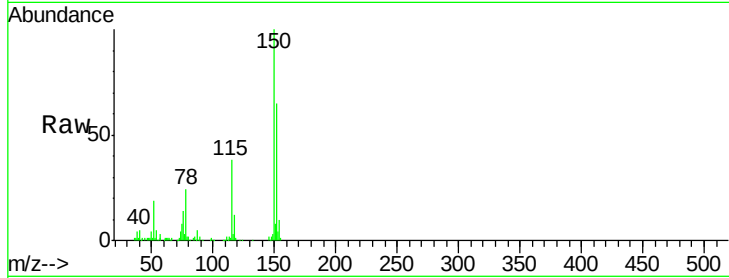


#1

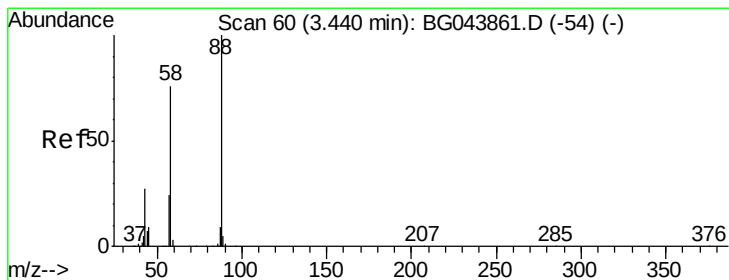
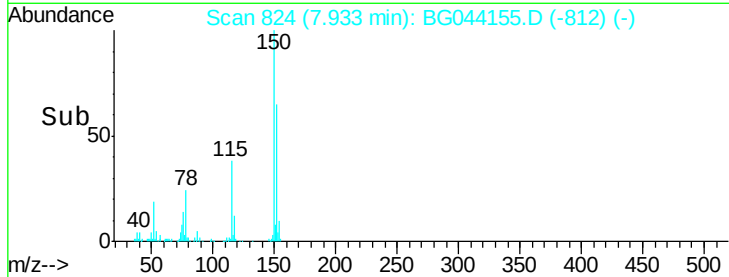
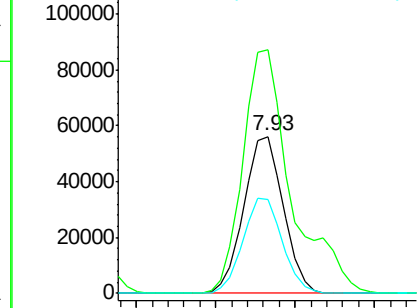
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.0	190.4
115	59.4	47.8	71.8



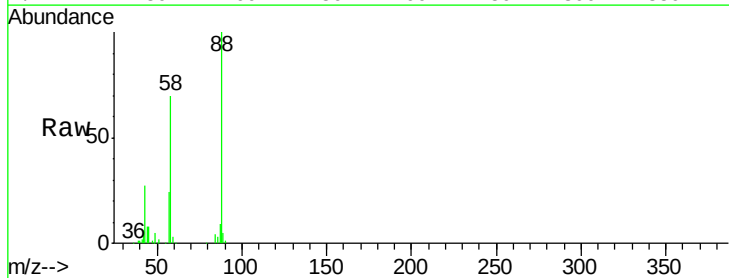
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



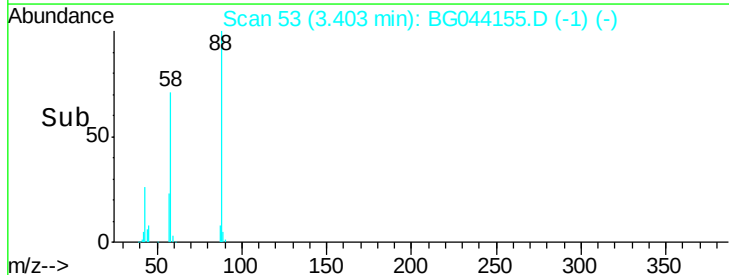
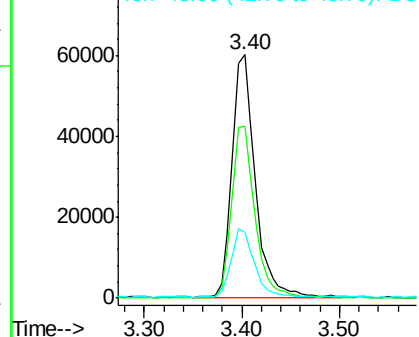
#2

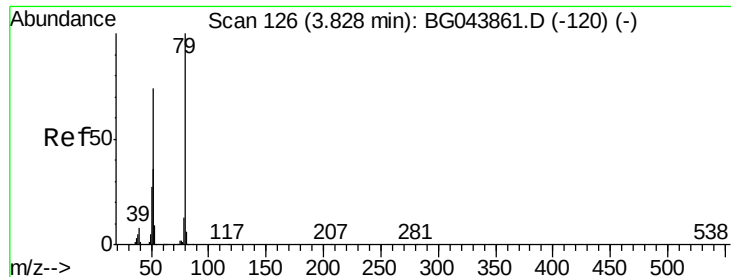
1,4-Dioxane
Concen: 42.885 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.04 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	59.8	89.8
43	28.3	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

Pvridine

Concen: 42.884 ng

RT: 3.80 min Scan# 120

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

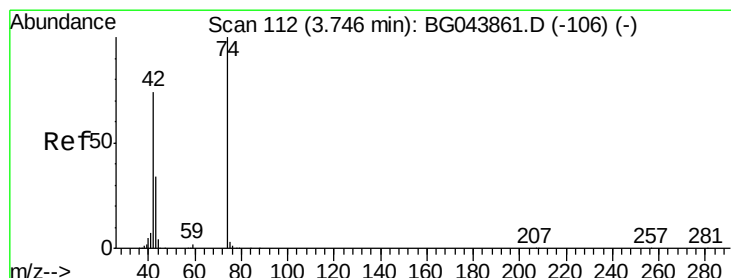
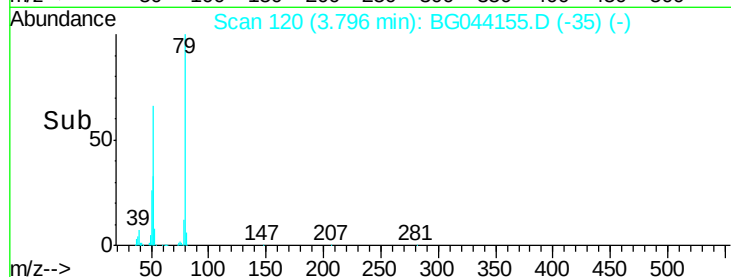
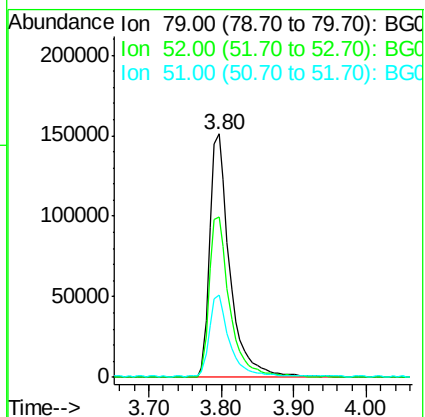
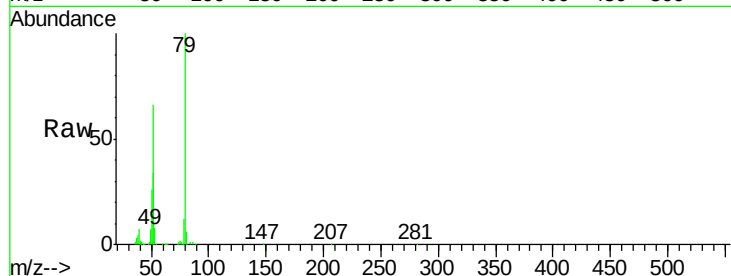
Tot Ion: 79 Resp: 292225

Ion Ratio Lower Upper

79 100

52 65.8 58.9 88.3

51 33.9 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 39.926 ng

RT: 3.71 min Scan# 105

Delta R.T. -0.04 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

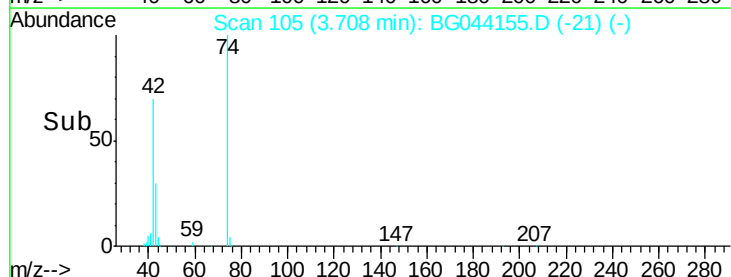
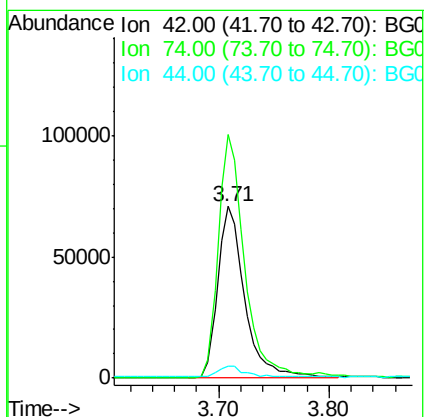
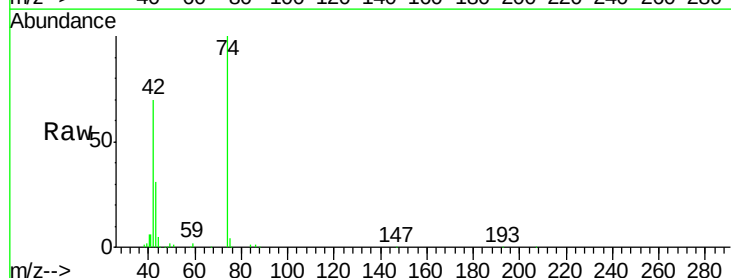
Tgt Ion: 42 Resp: 121131

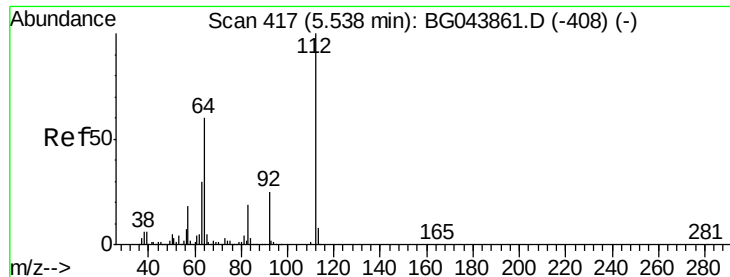
Ion Ratio Lower Upper

42 100

74 142.1 108.6 162.8

44 7.2 5.0 7.6





#5

2-Fluorophenol

Concen: 89.681 ng

RT: 5.51 min Scan# 411

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

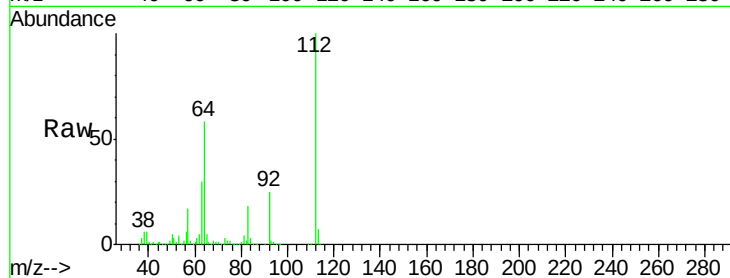
Tot Ion:112 Resp: 474441

Ion Ratio Lower Upper

112 100

64 58.0 47.8 71.6

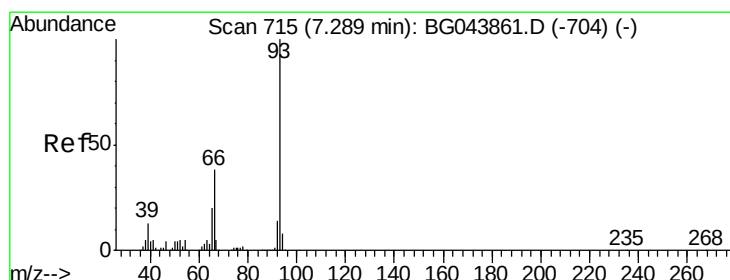
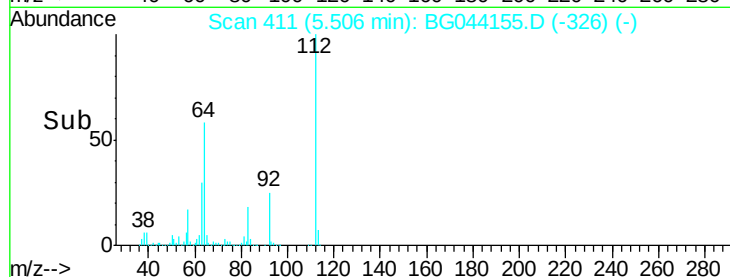
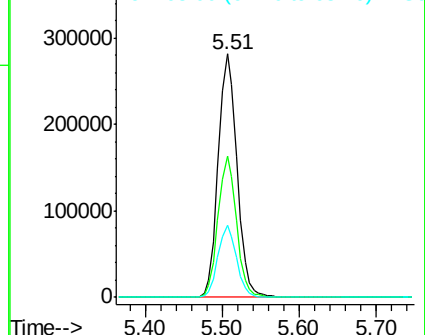
63 29.7 24.3 36.5



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: 40.894 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

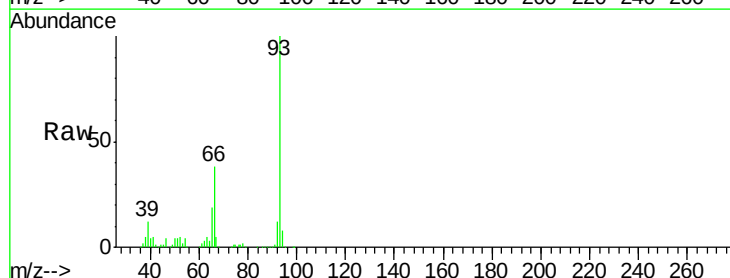
Tgt Ion: 93 Resp: 397207

Ion Ratio Lower Upper

93 100

66 37.8 30.8 46.2

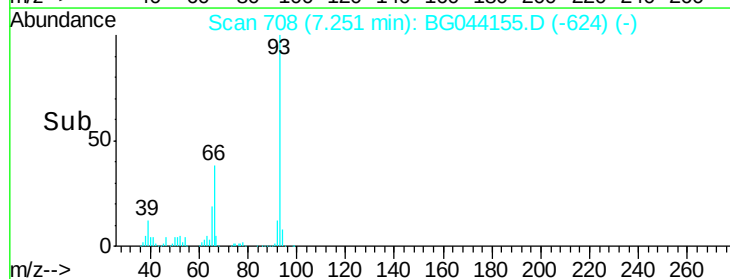
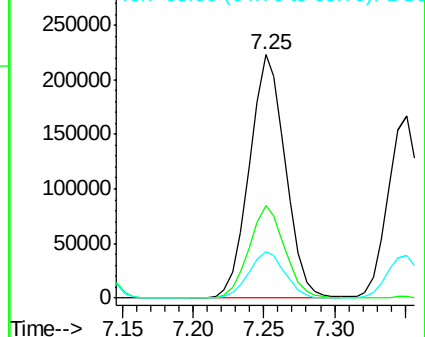
65 18.8 16.0 24.0

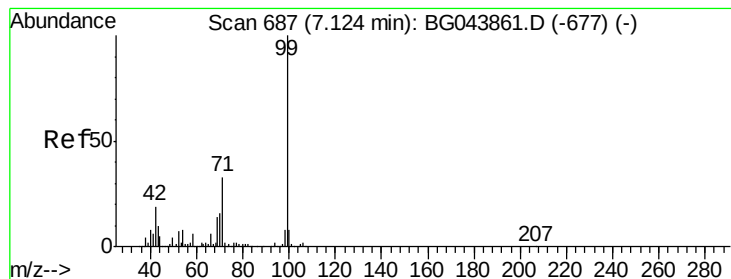


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 88.902 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

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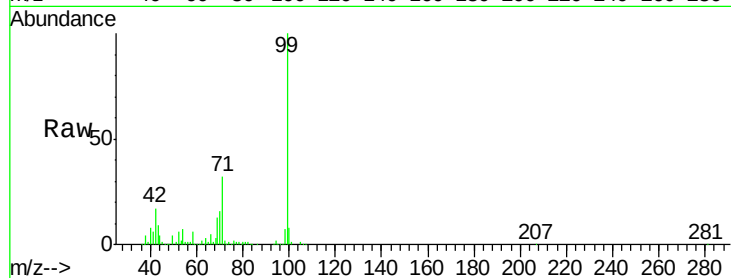
Tot Ion: 99 Resp: 657422

Ion Ratio Lower Upper

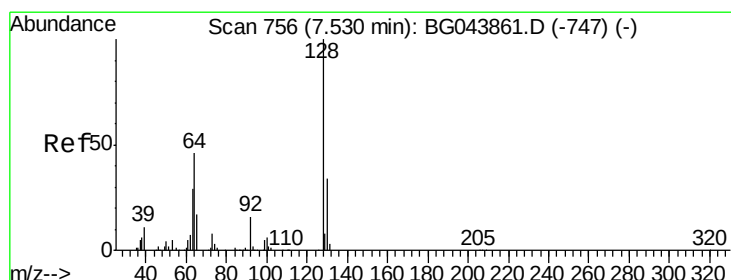
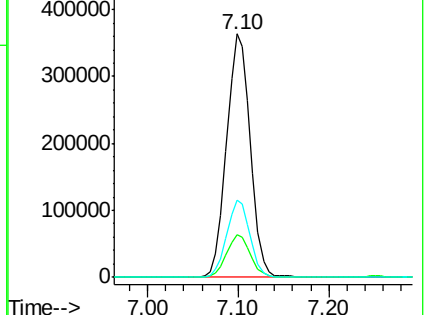
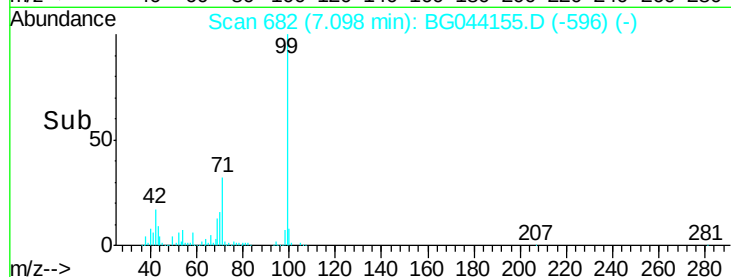
99 100

42 17.5 14.9 22.3

71 31.7 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: 43.011 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

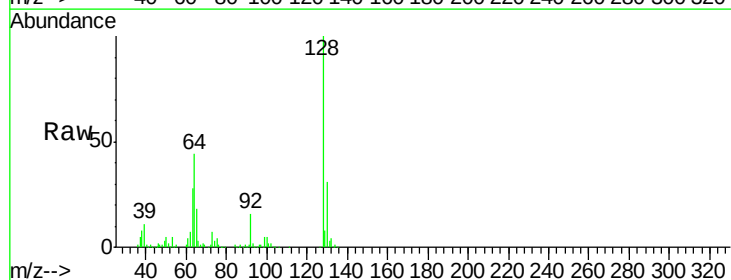
Tgt Ion: 128 Resp: 267128

Ion Ratio Lower Upper

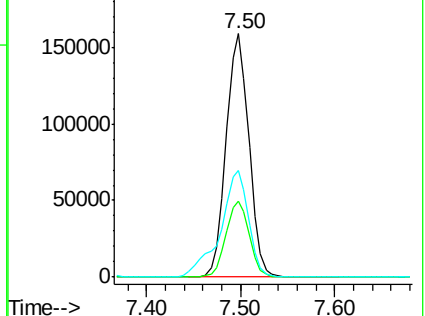
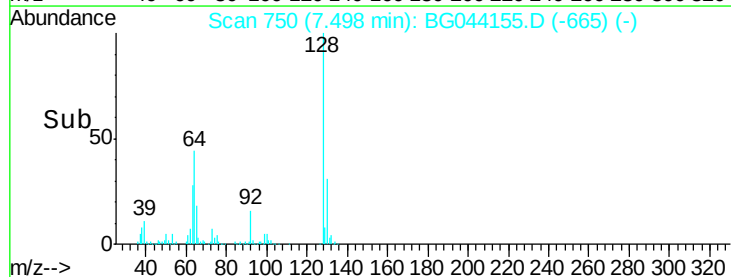
128 100

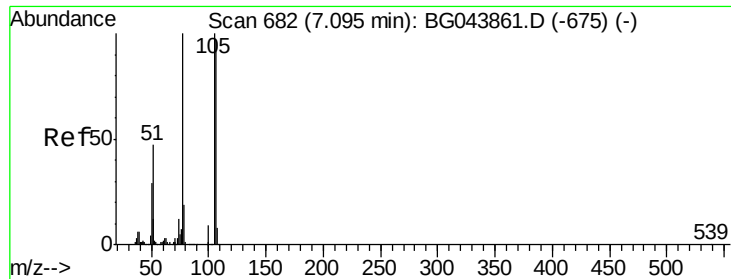
130 31.2 13.8 53.8

64 43.8 27.6 67.6



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: 35.068 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

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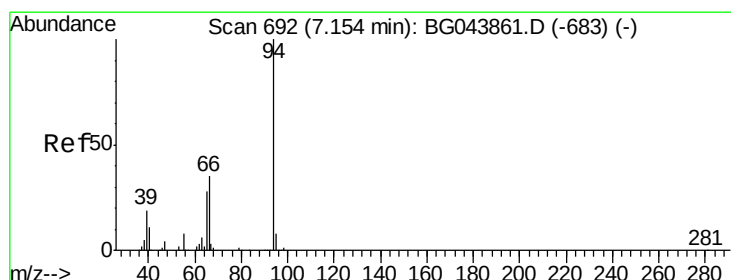
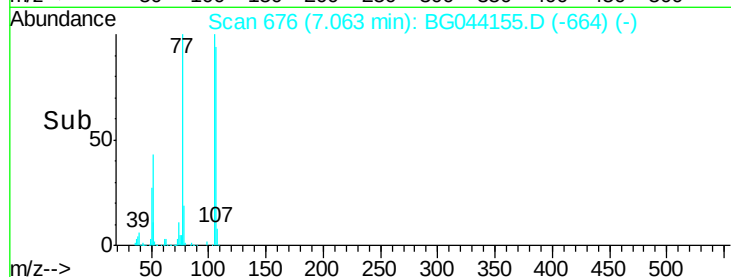
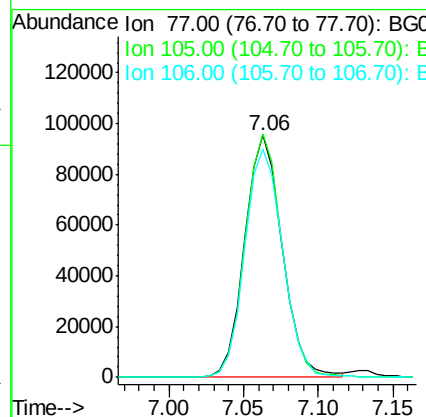
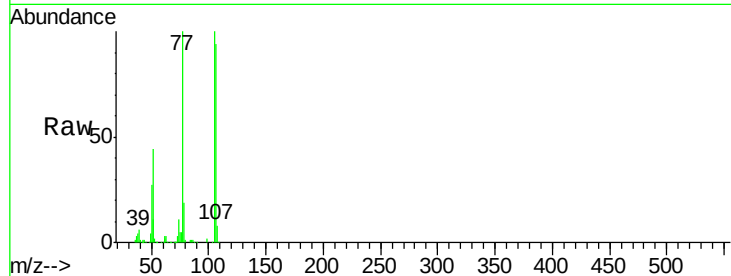
Tot Ion: 77 Resp: 165973

Ion Ratio Lower Upper

77 100

105 100.5 80.2 120.2

106 94.1 77.2 117.2



#10

Phenol

Concen: 42.933 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

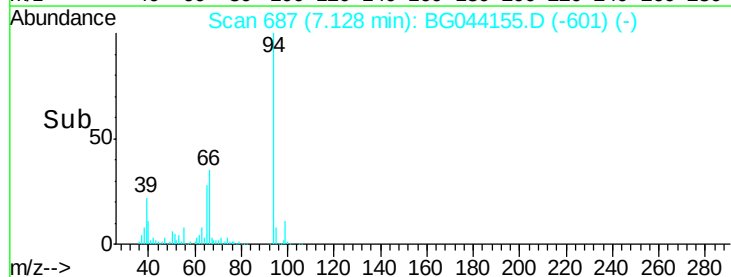
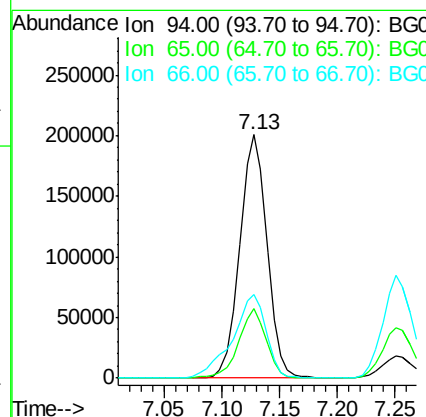
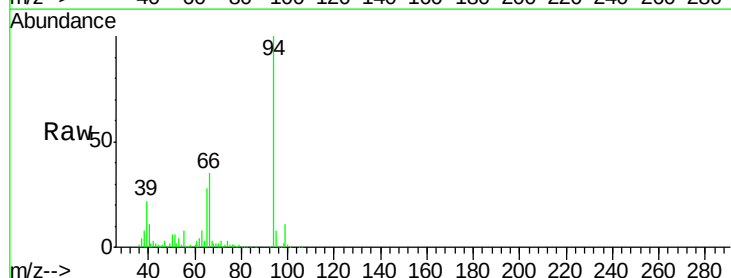
Tgt Ion: 94 Resp: 327114

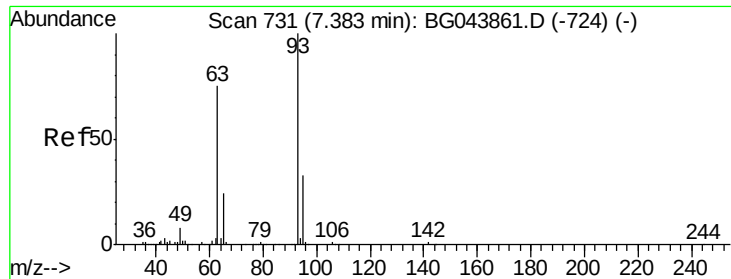
Ion Ratio Lower Upper

94 100

65 28.4 8.1 48.1

66 34.6 15.6 55.6

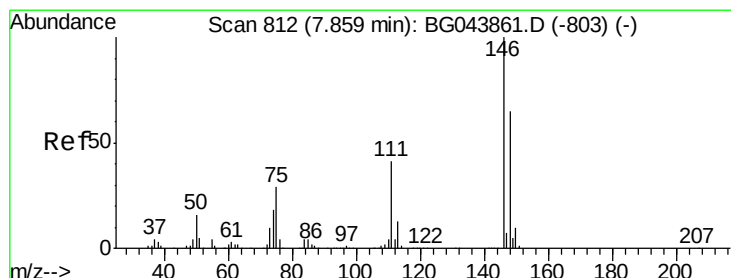
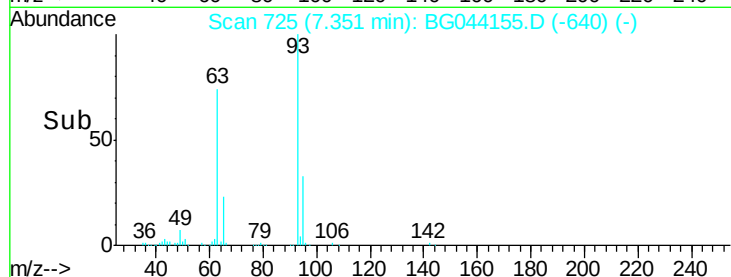
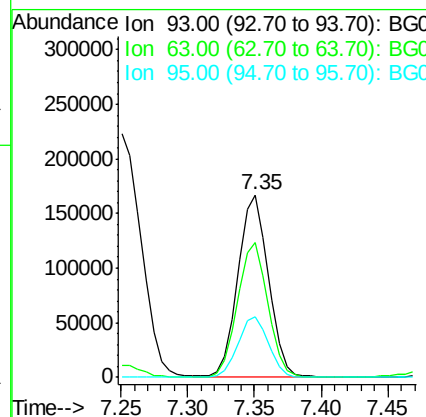
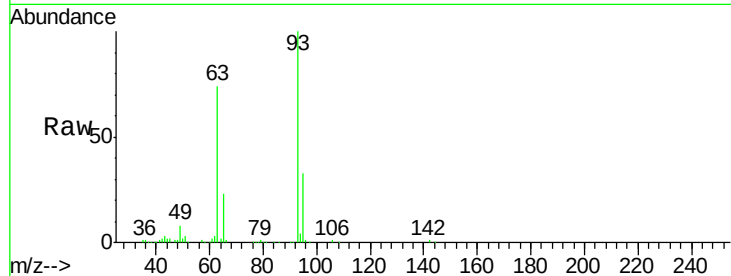




#11
bis(2-Chloroethyl)ether
Concen: 40.466 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

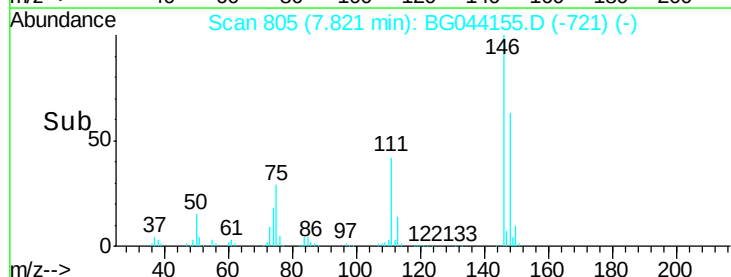
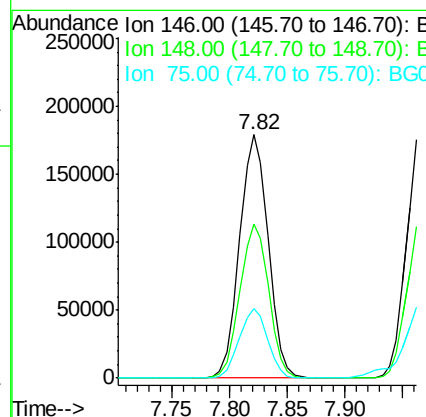
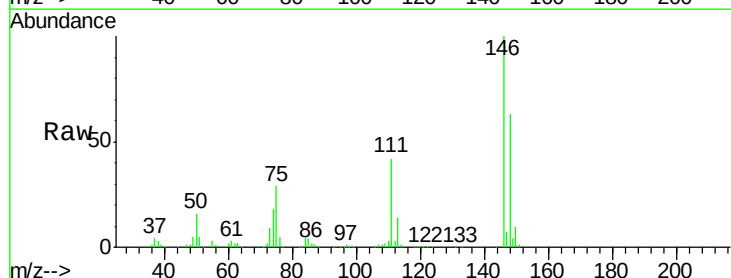
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

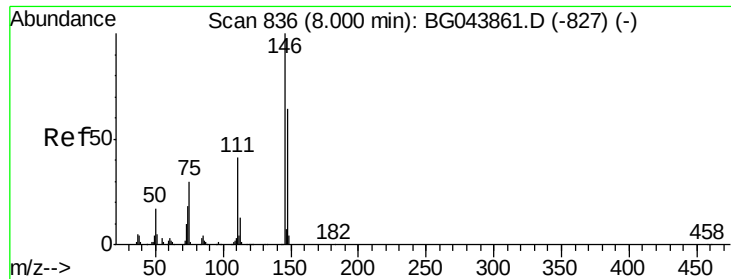
Tot Ion: 93 Resp: 266138
Ion Ratio Lower Upper
93 100
63 74.2 55.0 95.0
95 33.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 42.197 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion: 146 Resp: 306680
Ion Ratio Lower Upper
146 100
148 63.5 52.1 78.1
75 28.5 23.0 34.4

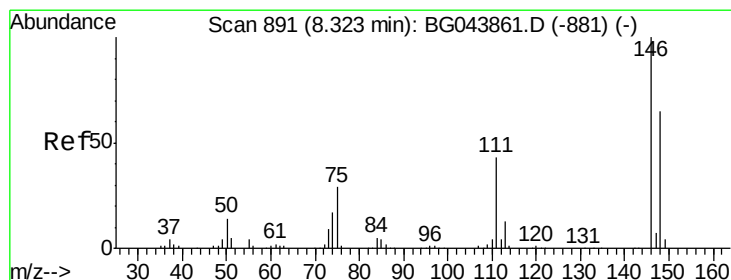
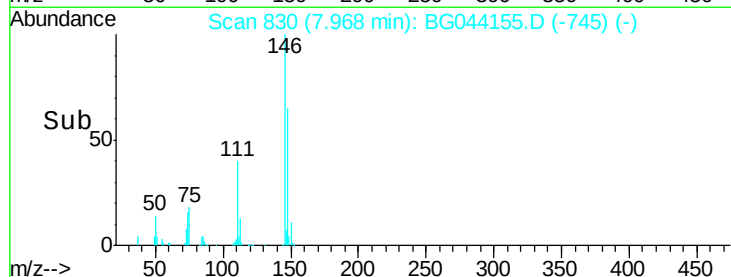
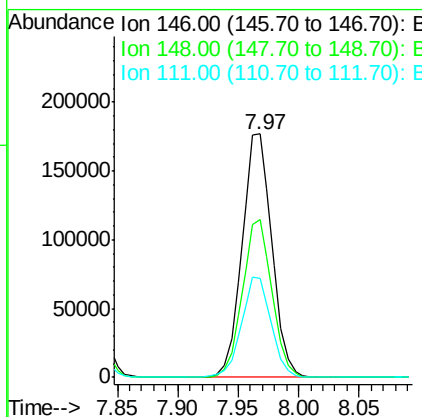
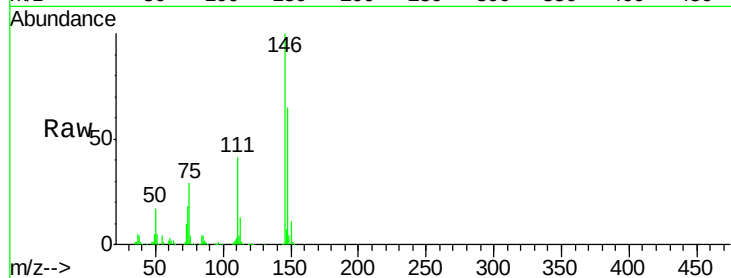




#13
 1,4-Dichlorobenzene
 Concen: 42.382 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

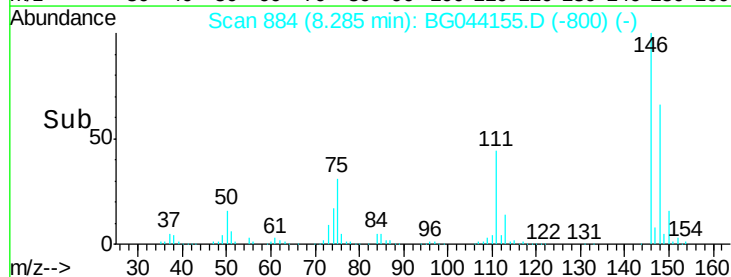
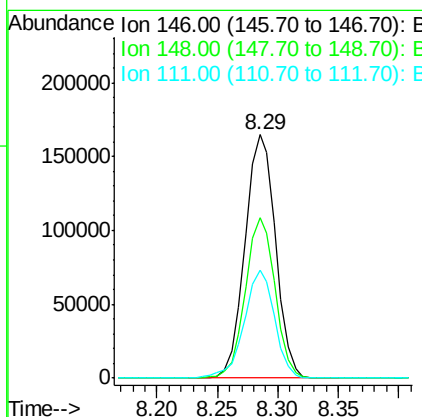
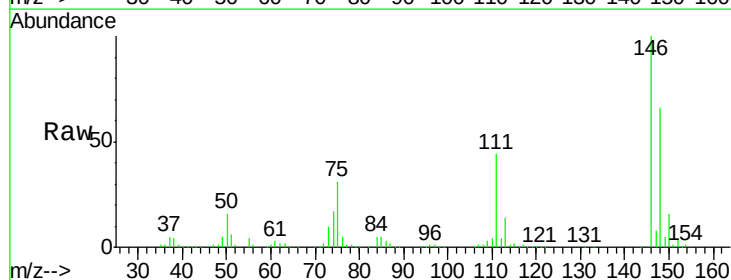
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

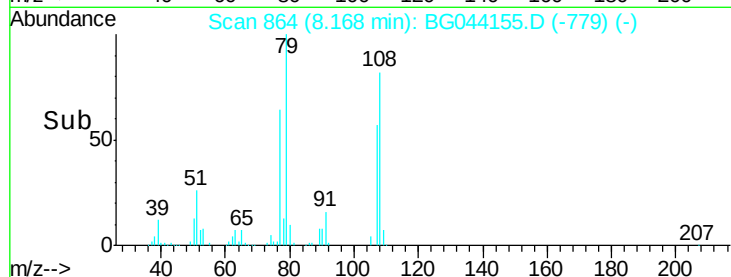
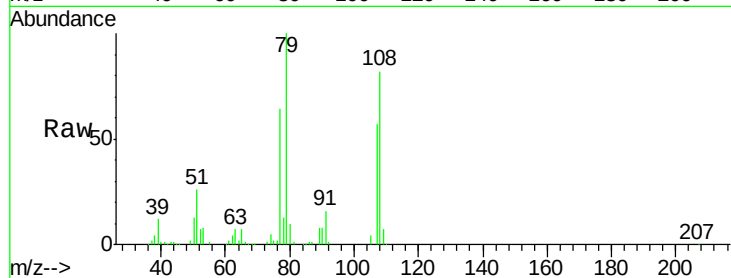
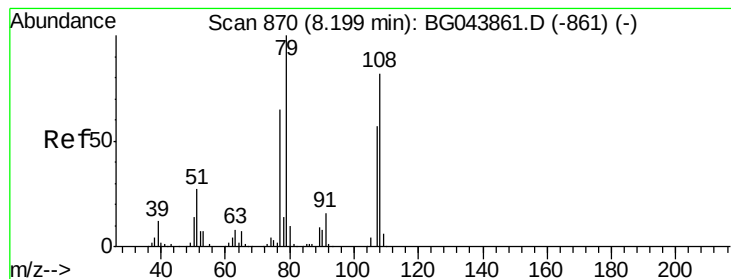
Tot Ion:146 Resp: 303924
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.2 76.8
 111 40.6 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 42.171 ng
 RT: 8.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

Tgt Ion:146 Resp: 290268
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.7 77.5
 111 44.1 34.4 51.6





#15

Benzyl Alcohol

Concen: 40.533 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

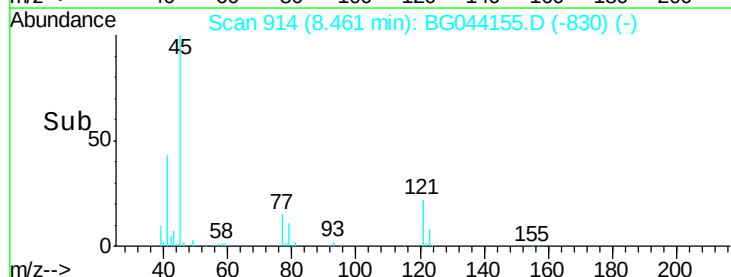
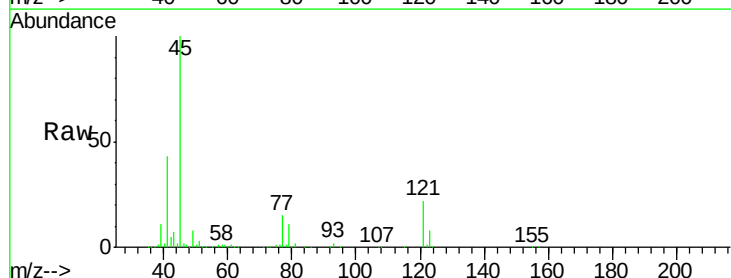
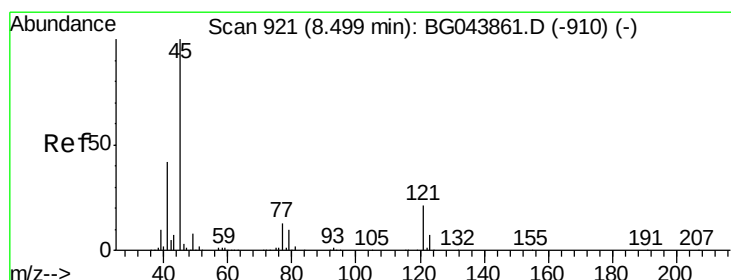
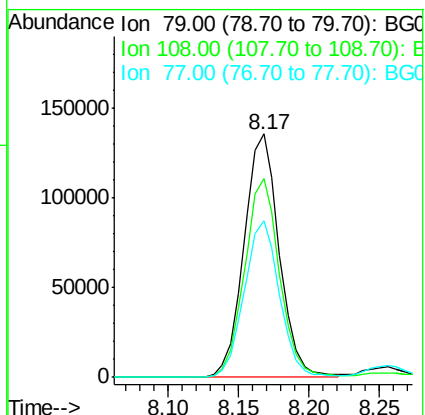
Tot Ion: 79 Resp: 236559

Ion Ratio Lower Upper

79 100

108 81.6 65.6 98.4

77 64.1 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.600 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

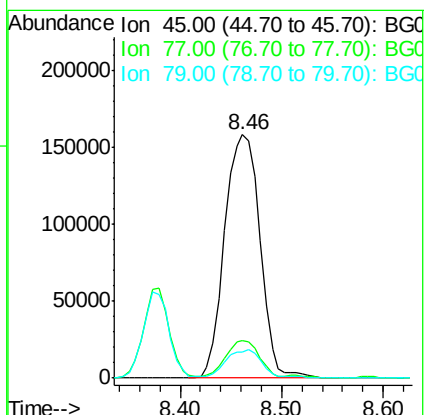
Tgt Ion: 45 Resp: 382583

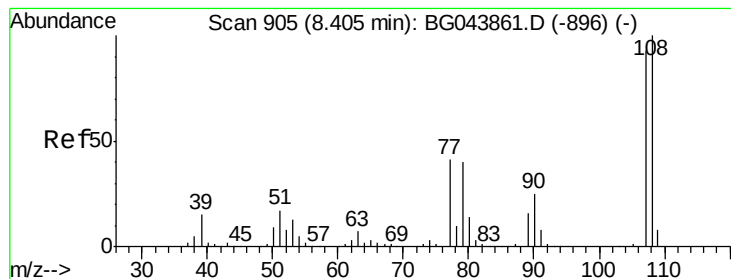
Ion Ratio Lower Upper

45 100

77 15.5 0.0 33.8

79 10.7 0.0 31.0





#17

2-Methylphenol

Concen: 42.415 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 233864

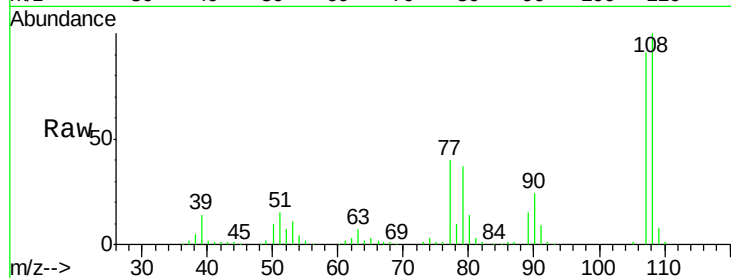
Ion Ratio Lower Upper

107 100

108 110.1 86.1 129.1

77 44.1 35.4 53.0

79 40.8 34.8 52.2

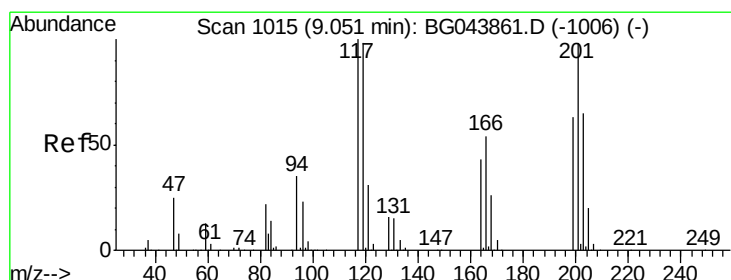
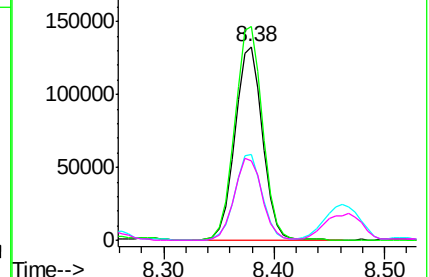
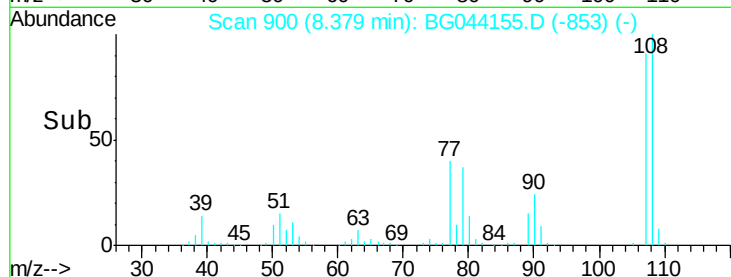


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.436 ng

RT: 9.01 min Scan# 1008

Delta R.T. -0.04 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

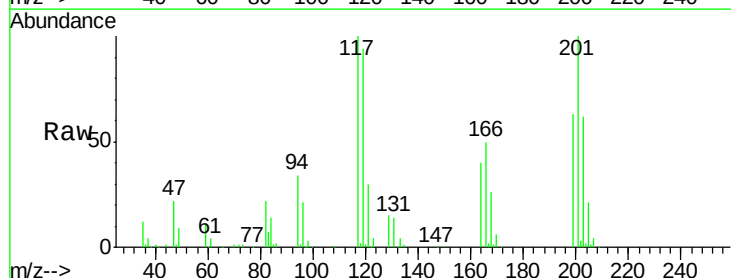
Tgt Ion:117 Resp: 118411

Ion Ratio Lower Upper

117 100

119 94.8 78.1 117.1

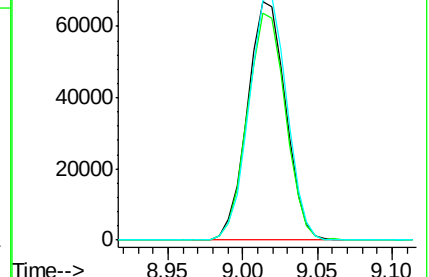
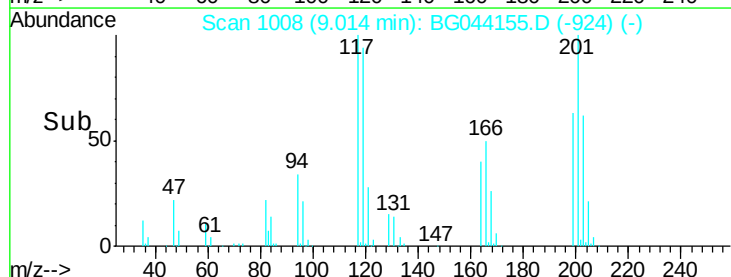
201 100.4 78.6 117.8

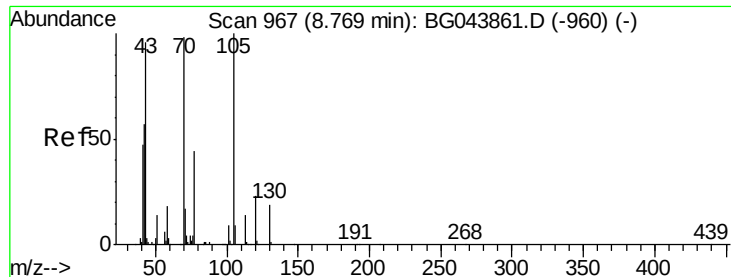


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

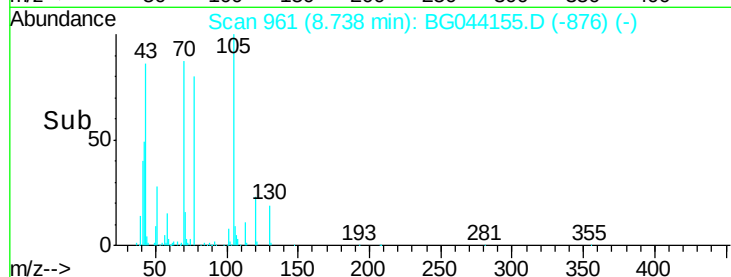
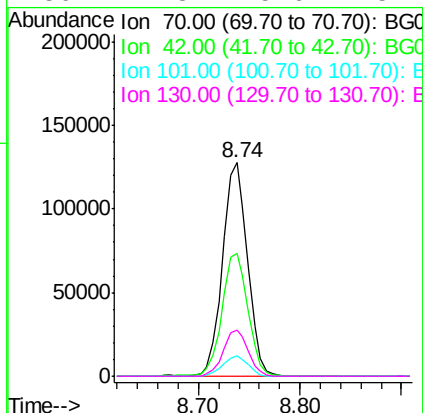
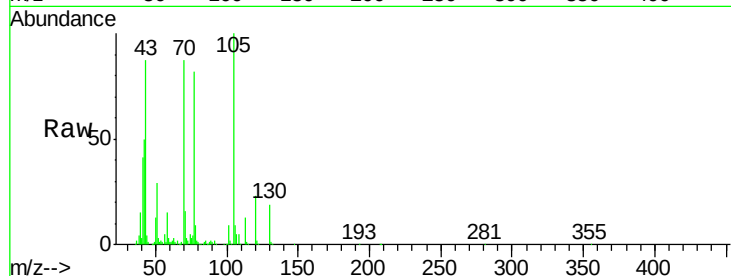




#19
n-Nitroso-di-n-propylamine
Concen: 39.423 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

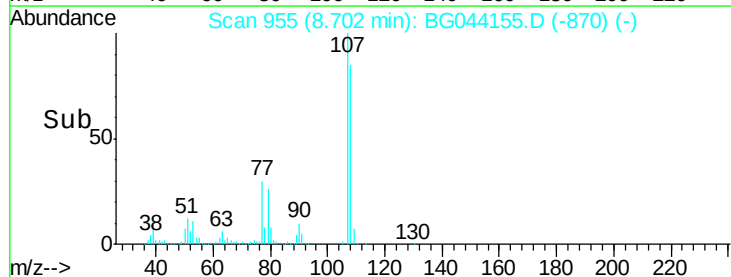
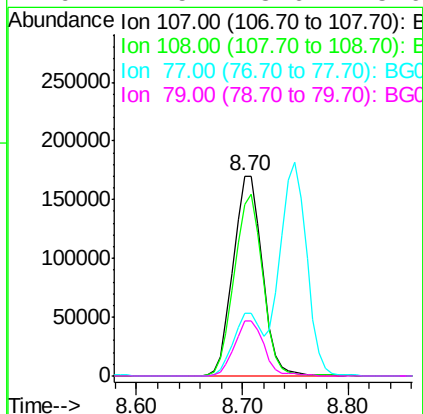
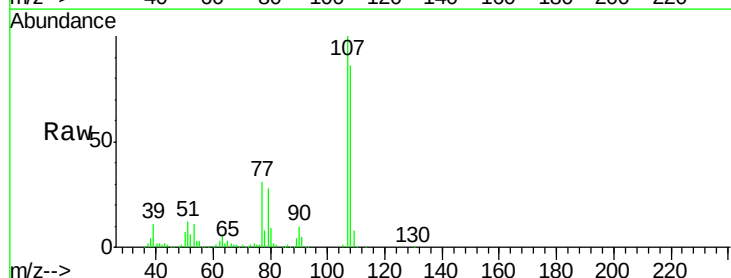
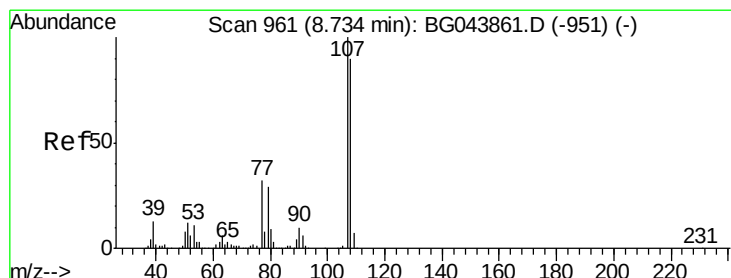
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

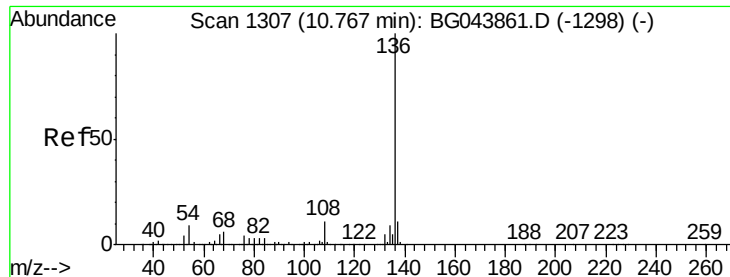
Tot Ion:	70	Resp:	217105
Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.0	70.4
101	9.9	7.2	10.8
130	21.8	15.6	23.4



#20
3+4-Methylphenols
Concen: 42.347 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion:	107	Resp:	325718
Ion	Ratio	Lower	Upper
107	100		
108	86.0	70.3	110.3
77	31.2	12.4	52.4
79	27.5	8.6	48.6

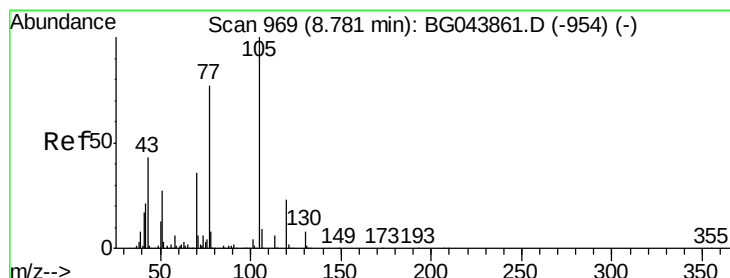
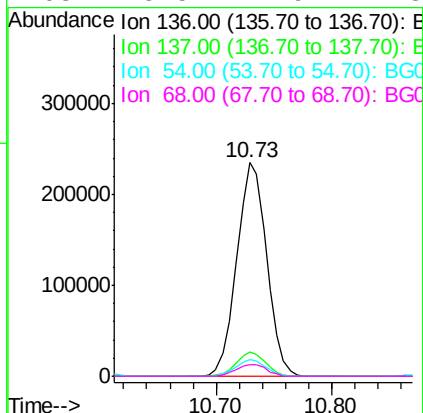
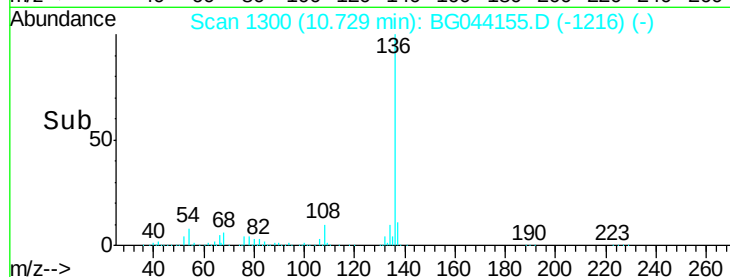
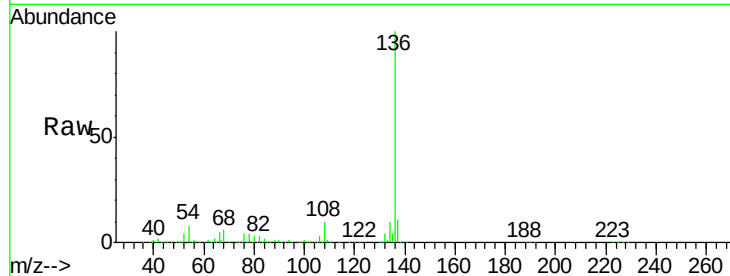




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

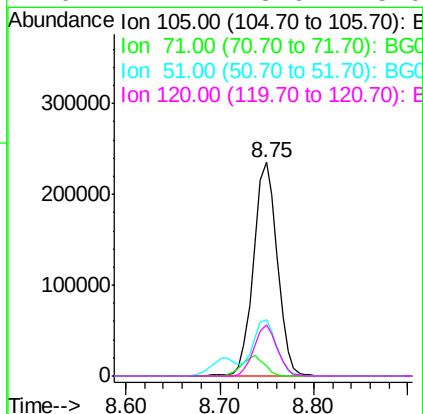
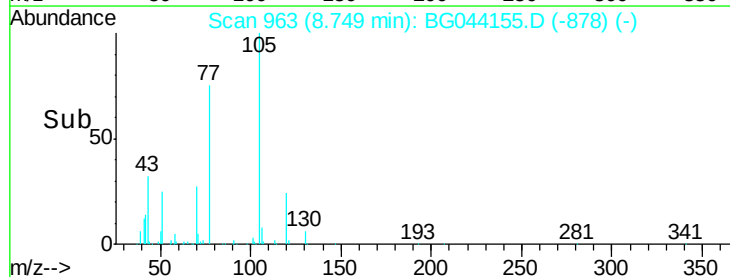
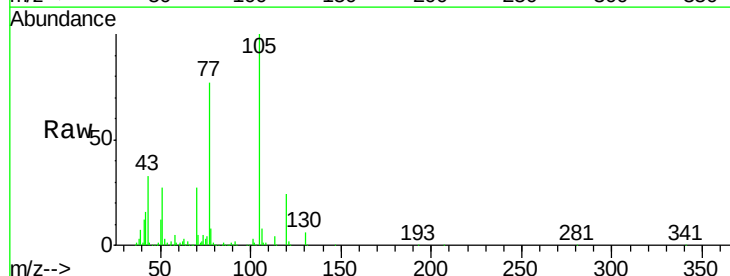
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

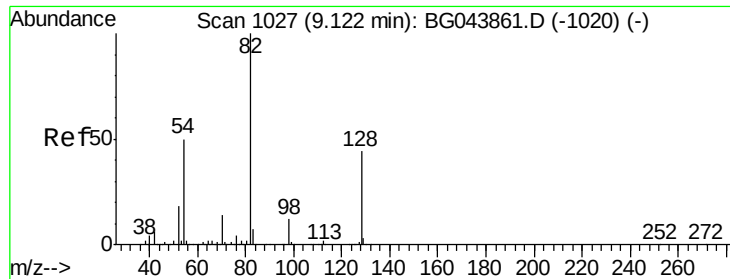
Tot Ion:136	Resp:	420575
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 7.9	7.0	10.4
68 5.5	4.9	7.3



#22
Acetophenone
Concen: 39.541 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt	Ion:105	Resp:	413436
Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.8	7.2
51	26.5	21.4	32.0
120	24.2	18.6	28.0

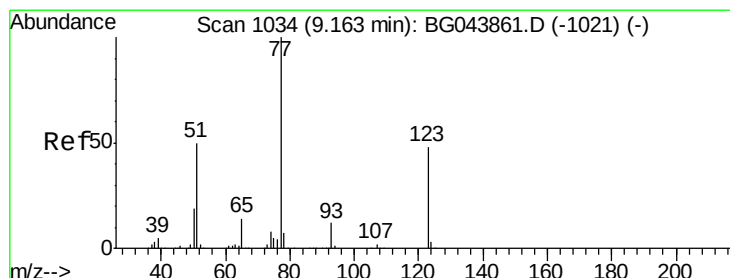
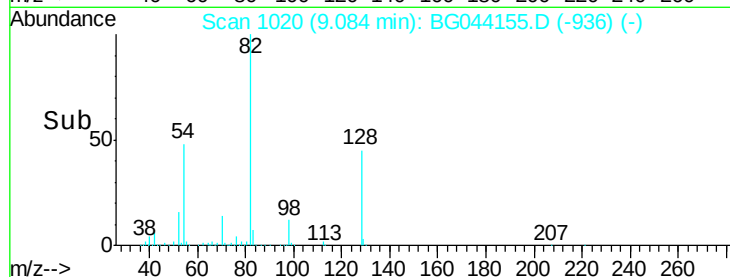
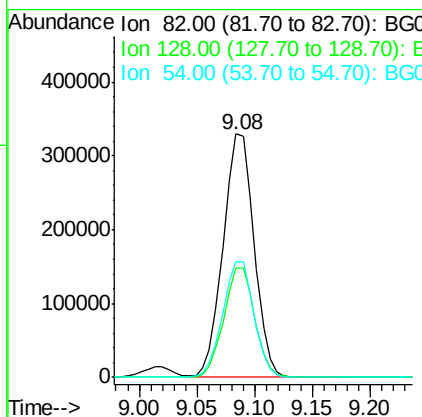
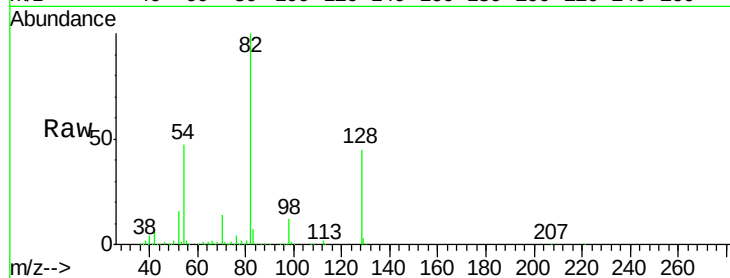




#23
Nitrobenzene-d5
Concen: 77.811 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

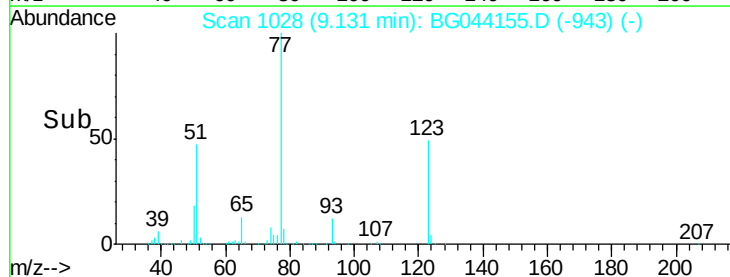
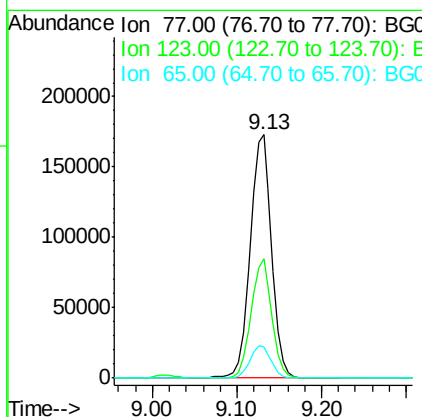
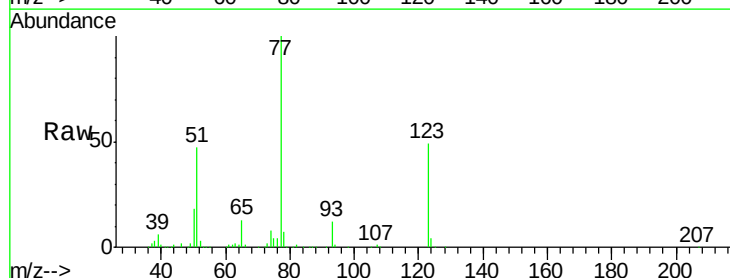
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

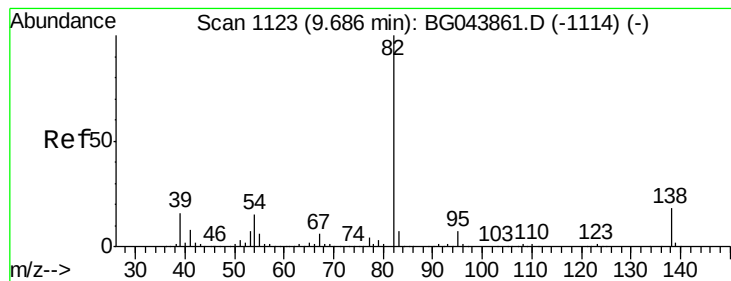
Tot Ion	82	Resp	611739
Ion Ratio	Lower	Upper	
82	100		
128	45.0	35.1	52.7
54	47.5	40.1	60.1



#24
Nitrobenzene
Concen: 39.311 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion	77	Resp	306099
Ion Ratio	Lower	Upper	
77	100		
123	49.0	38.7	58.1
65	13.0	11.1	16.7





#25

Isophorone

Concen: 39.250 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

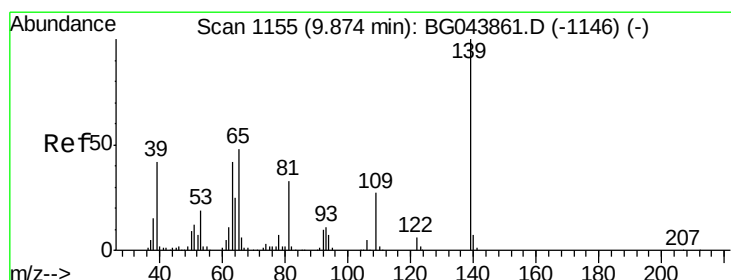
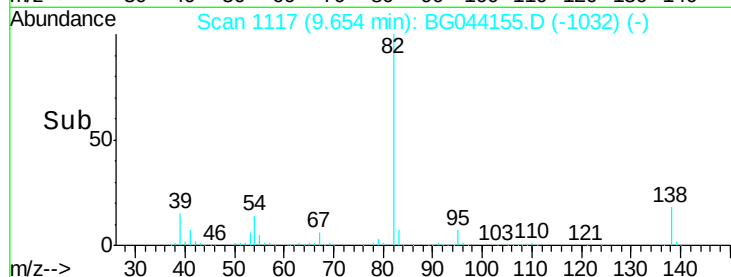
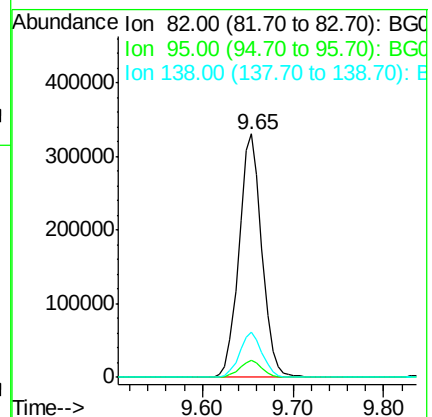
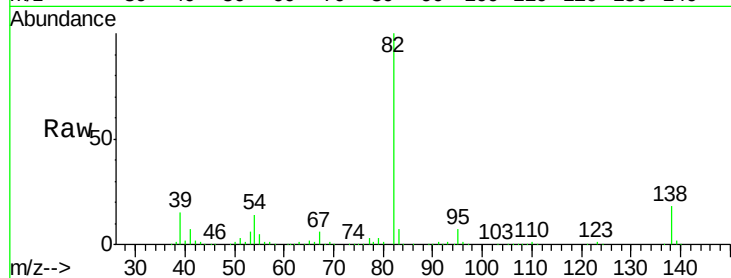
Tot Ion: 82 Resp: 578918

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 18.4 14.6 22.0



#26

2-Nitrophenol

Concen: 43.577 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

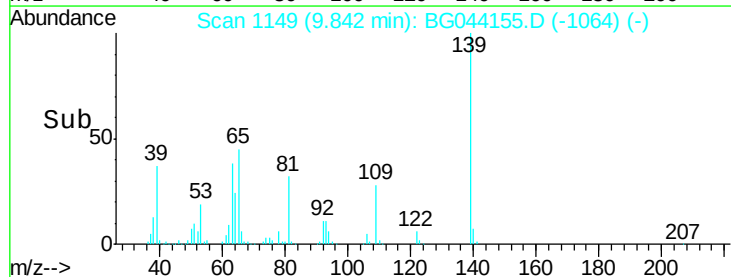
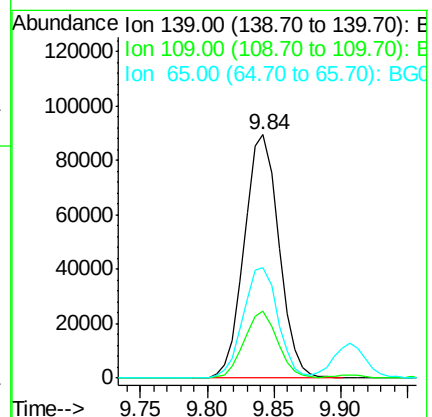
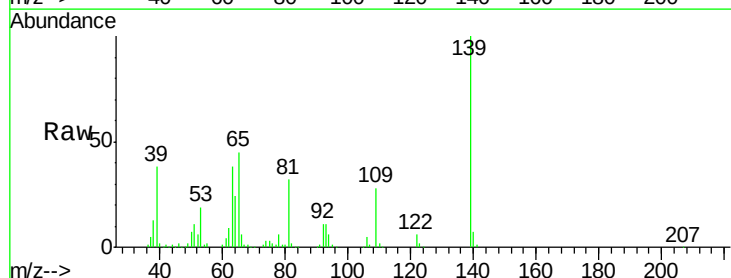
Tgt Ion: 139 Resp: 160536

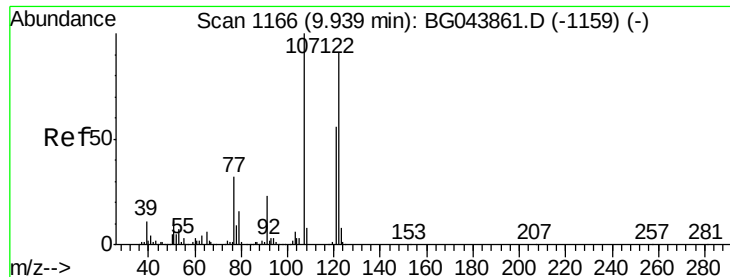
Ion Ratio Lower Upper

139 100

109 27.7 21.3 31.9

65 45.5 38.6 57.8

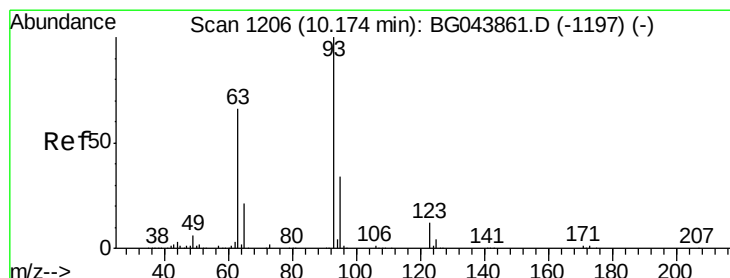
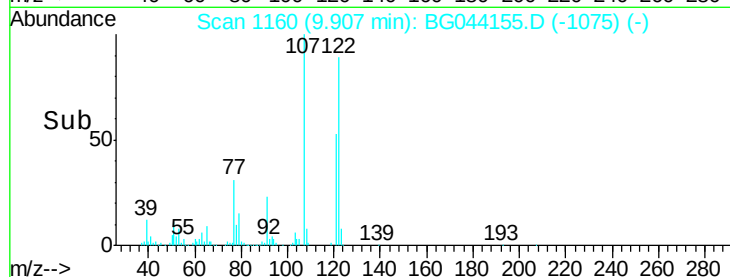
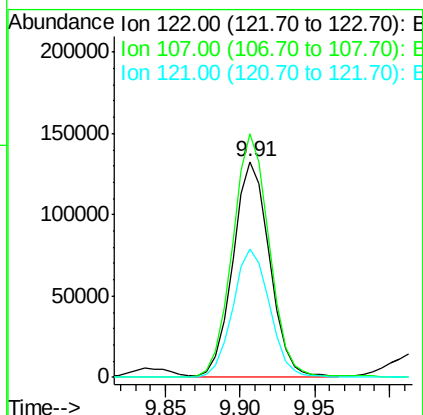
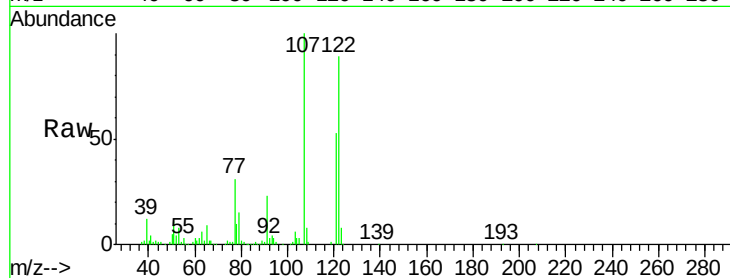




#27
2,4-Dimethylphenol
Concen: 40.666 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

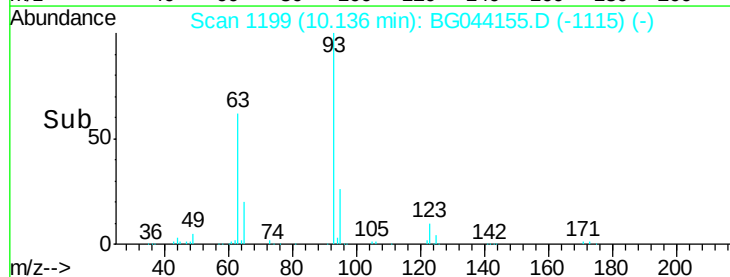
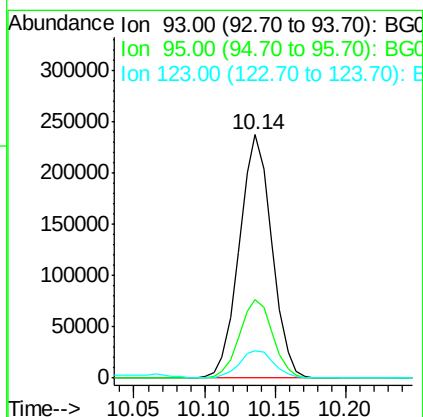
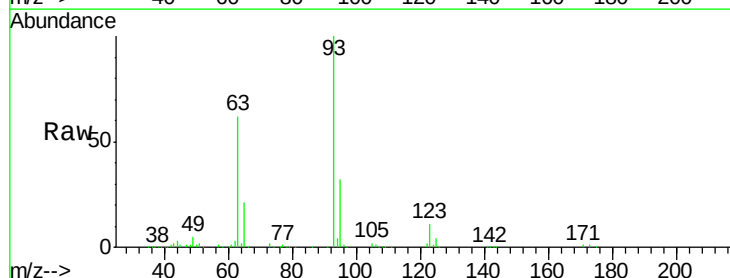
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

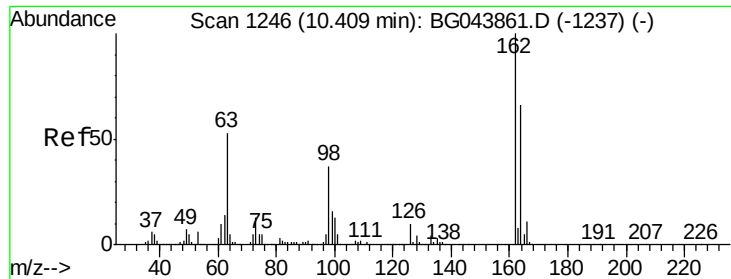
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	88.0	132.0
121	59.4	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.931 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.04 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	27.2	40.8
123	11.3	9.7	14.5

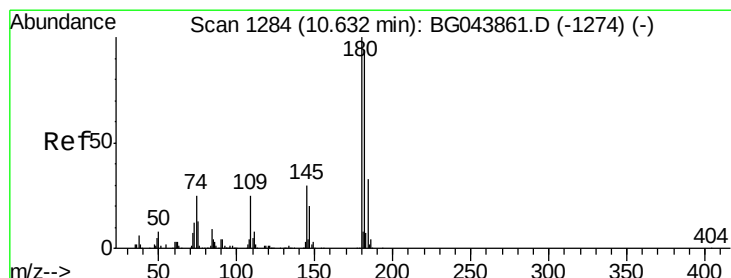
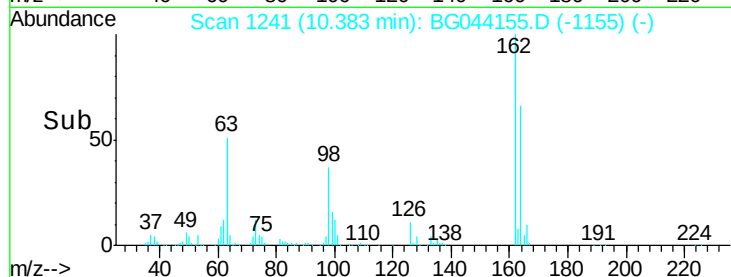
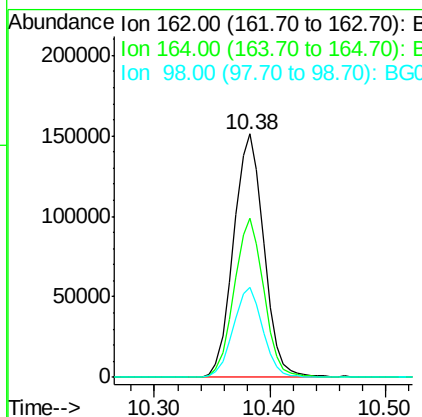
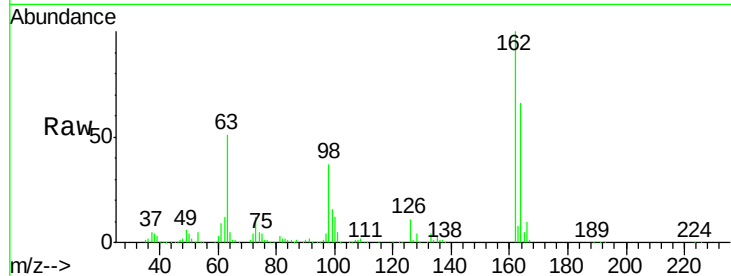




#29
 2,4-Dichlorophenol
 Concen: 41.608 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.03 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

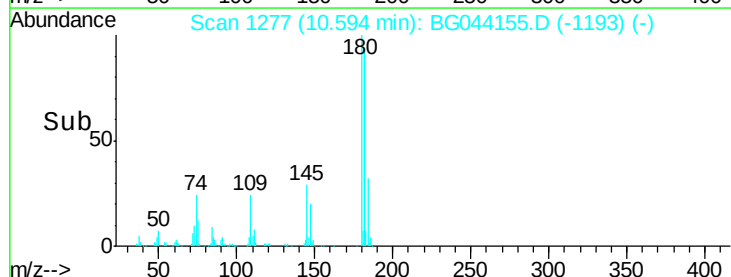
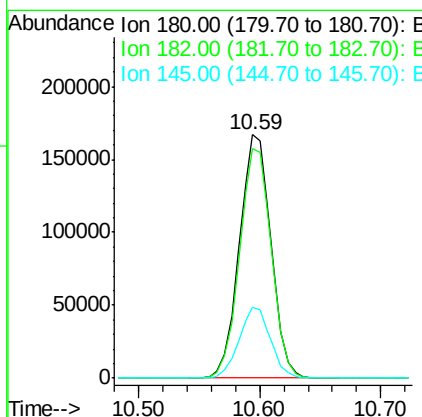
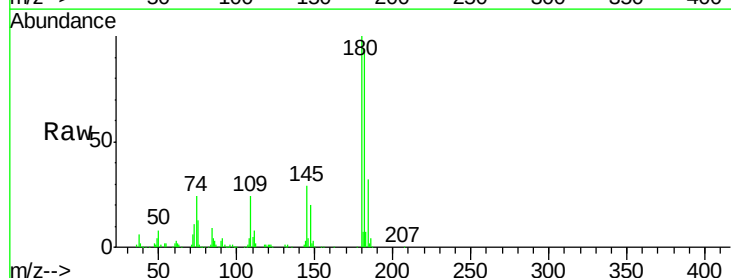
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

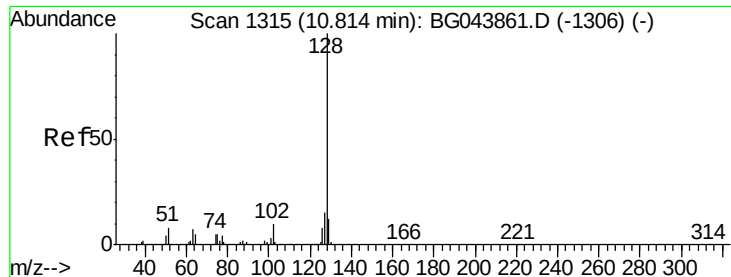
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.3	86.3
98	36.8	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.848 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.04 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.0	112.4
145	29.3	24.2	36.4

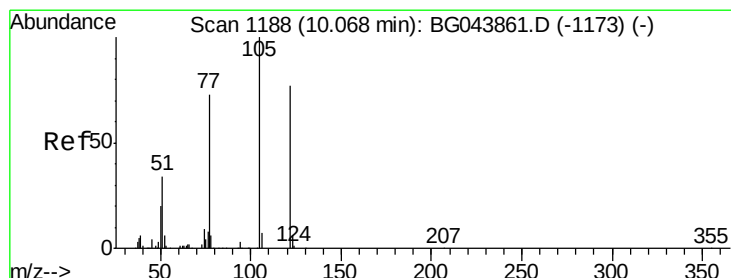
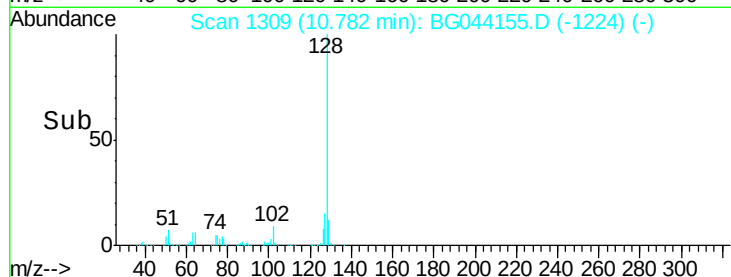
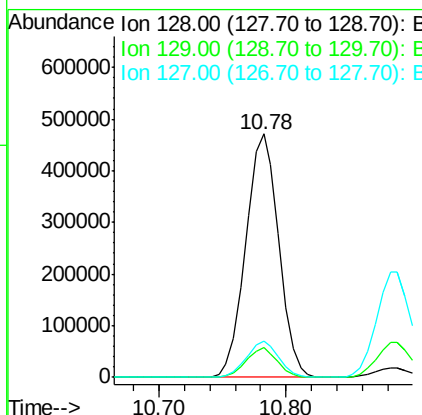
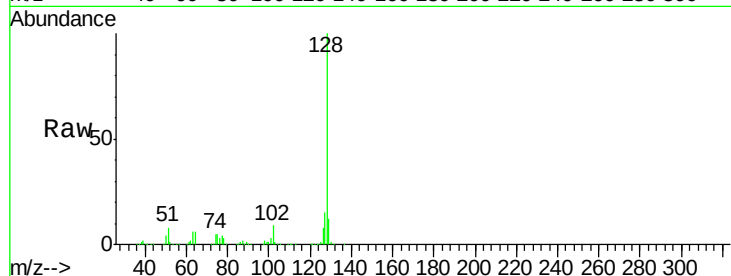




#31
Naphthalene
Concen: 41.732 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

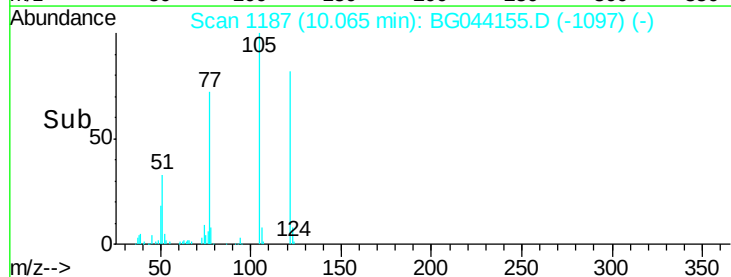
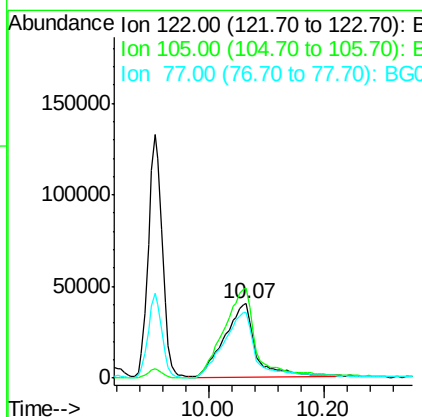
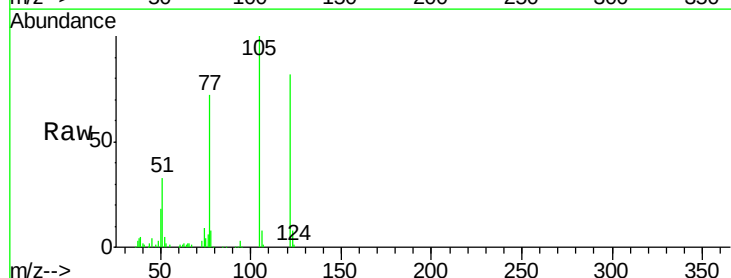
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

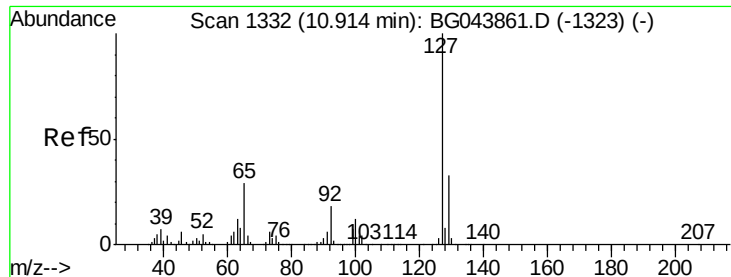
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.8	14.6
127	14.6	12.0	18.0



#32
Benzoic acid
Concen: 35.541 ng
RT: 10.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.9	106.4	146.4
77	88.0	74.6	114.6

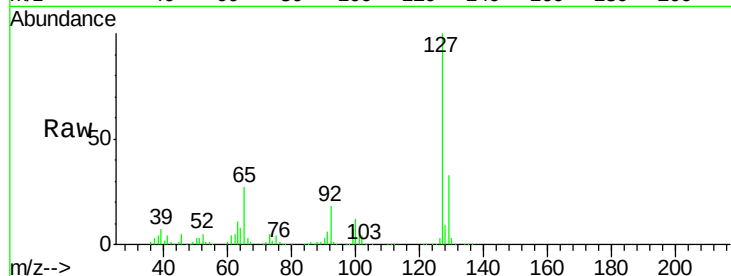




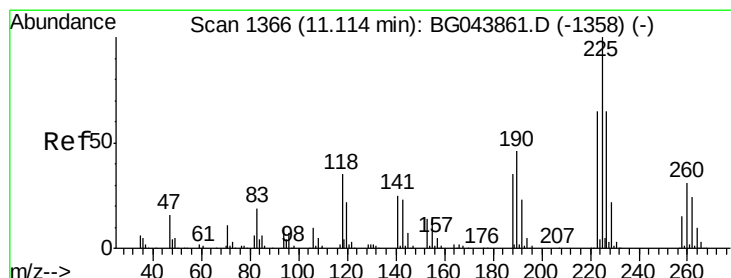
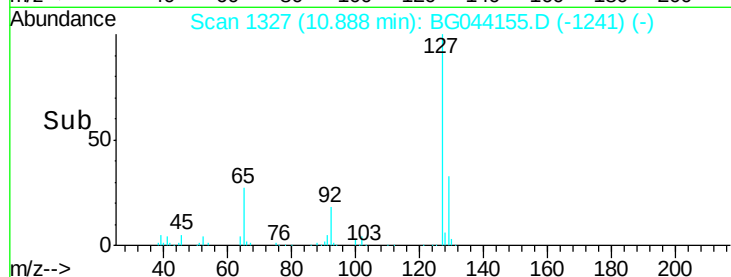
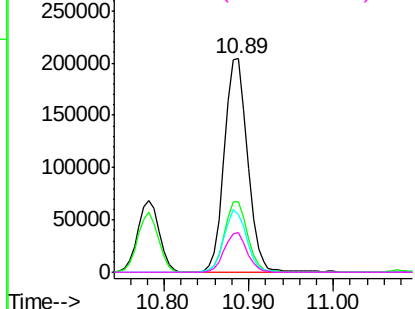
#33
4-Chloroaniline
Concen: 40.257 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	390785
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	40.0
65	27.0	23.3	34.9
92	18.4	14.7	22.1

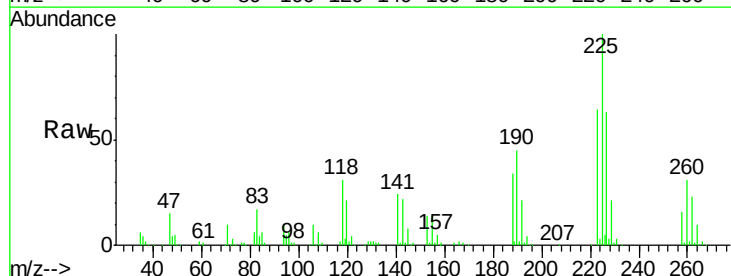


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

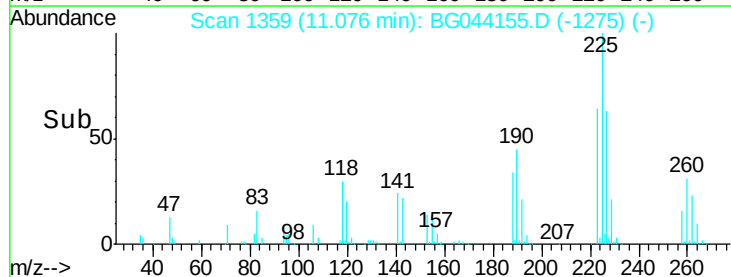
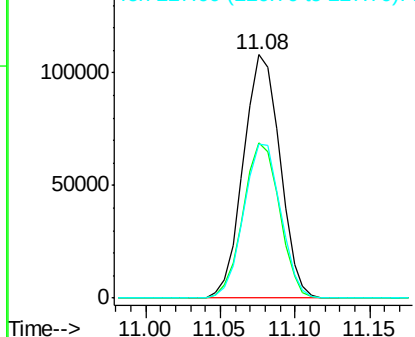


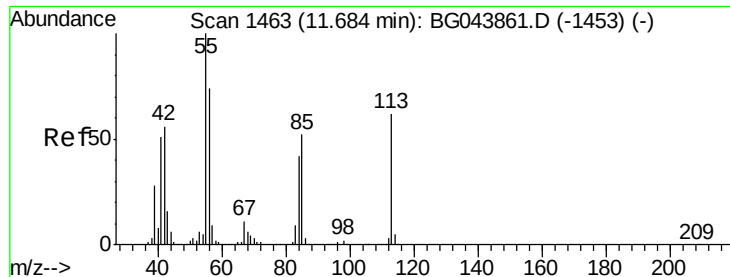
#34
Hexachlorobutadiene
Concen: 40.467 ng
RT: 11.08 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion:	225	Resp:	183248
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.2	78.4
227	63.2	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: 42.042 ng

RT: 11.66 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

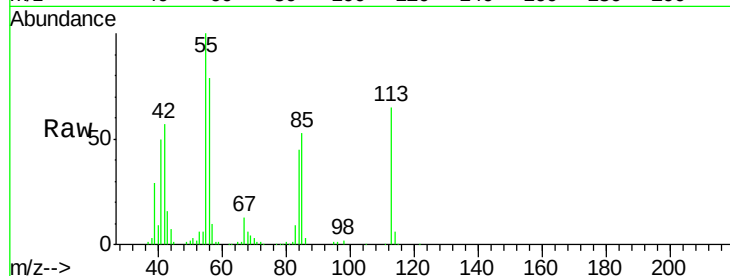
Tot Ion:113 Resp: 103527

Ion Ratio Lower Upper

113 100

55 152.9 142.5 182.5

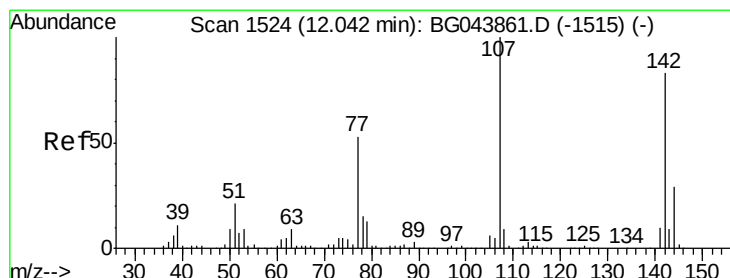
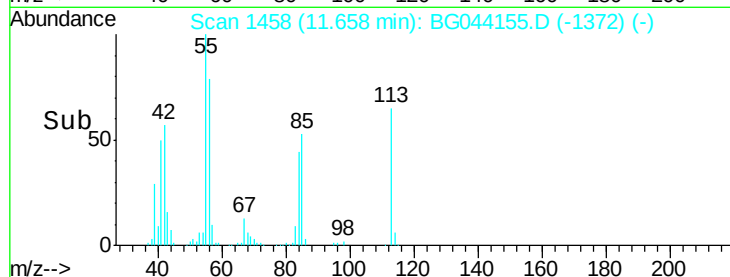
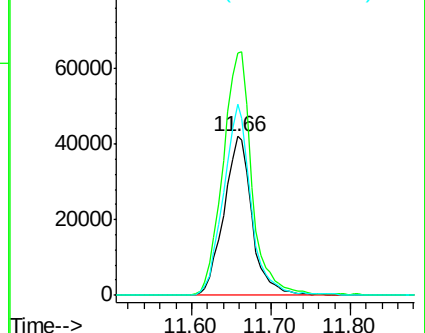
56 120.3 101.4 141.4



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: 42.632 ng

RT: 12.02 min Scan# 1519

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

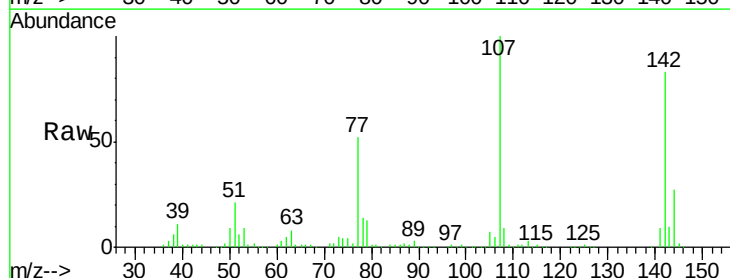
Tgt Ion:107 Resp: 300202

Ion Ratio Lower Upper

107 100

144 26.7 23.4 35.2

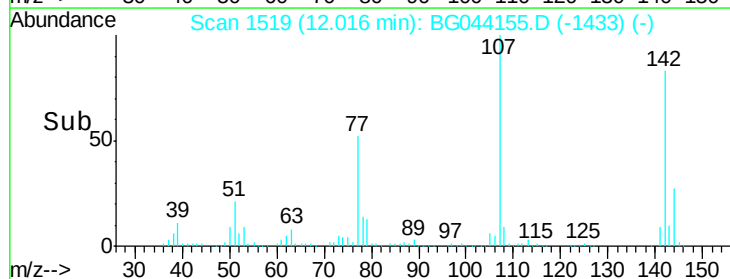
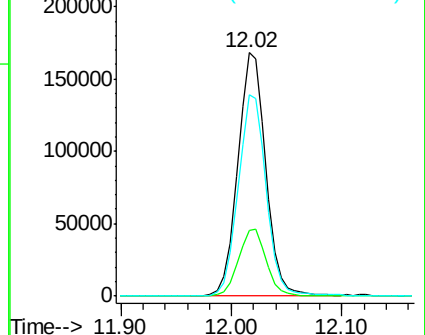
142 82.6 66.3 99.5

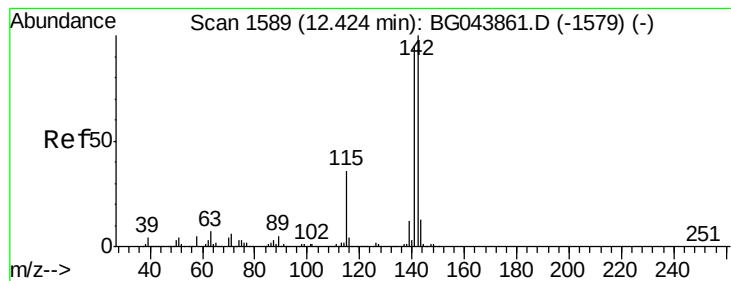


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.456 ng

RT: 12.39 min Scan# 1583

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

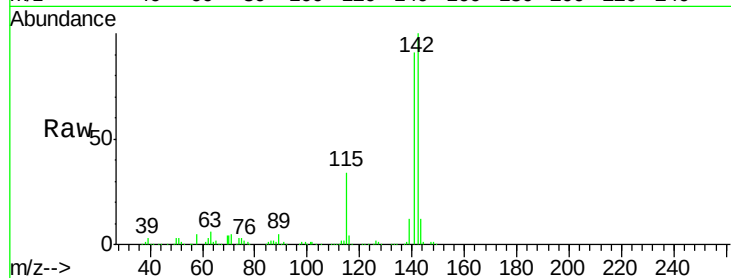
Tot Ion:142 Resp: 635215

Ion Ratio Lower Upper

142 100

141 90.6 75.8 113.8

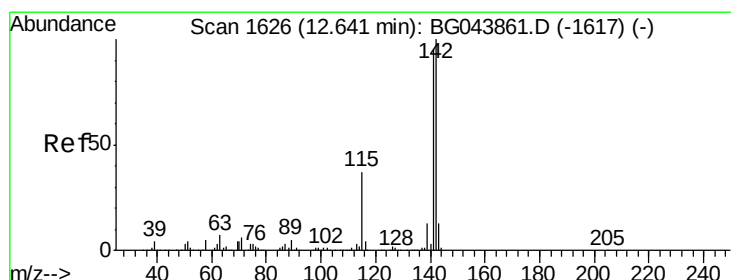
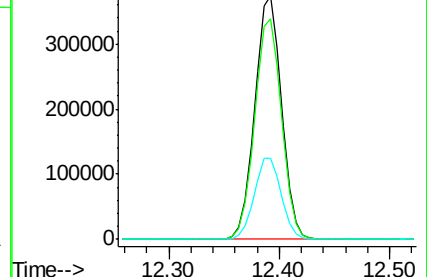
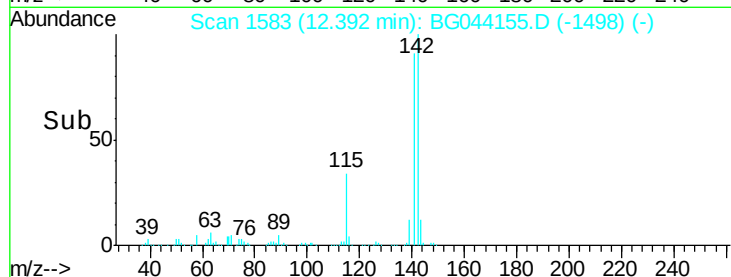
115 33.5 28.6 42.8



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: 41.795 ng

RT: 12.61 min Scan# 1620

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

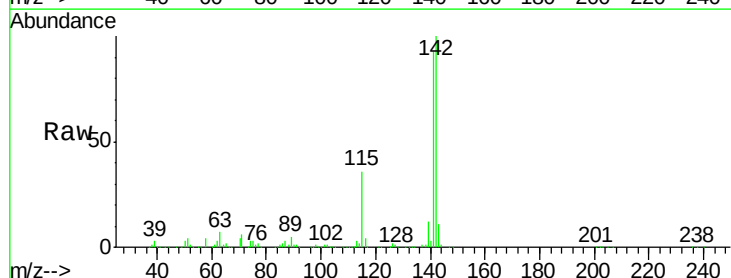
Tgt Ion:142 Resp: 606956

Ion Ratio Lower Upper

142 100

141 92.6 76.0 114.0

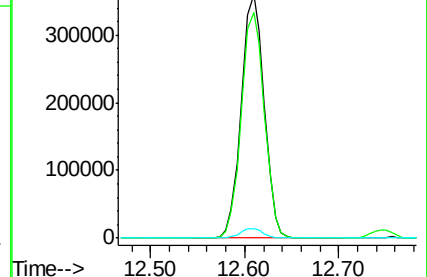
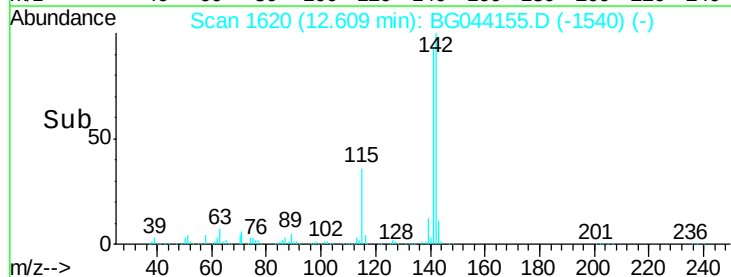
116 3.7 3.1 4.7

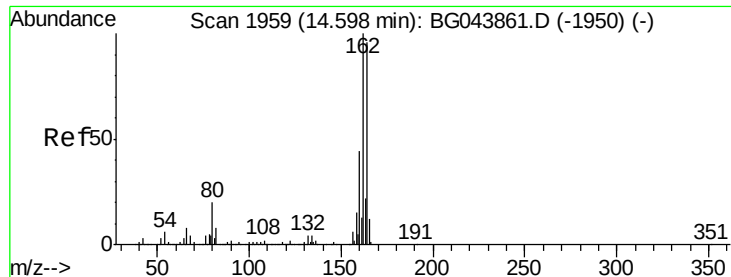


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

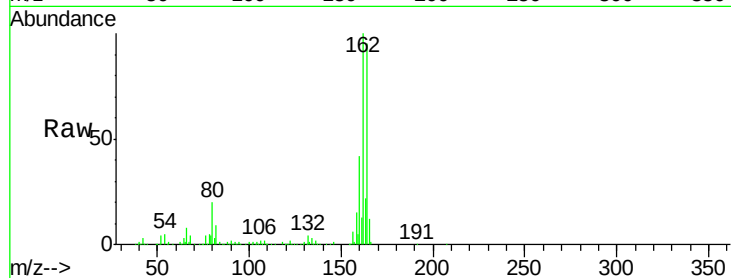
Tot Ion:164 Resp: 277033

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.4

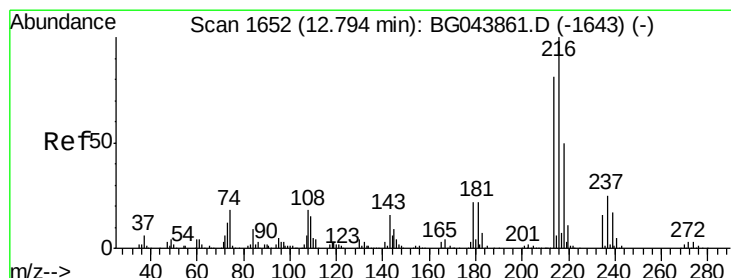
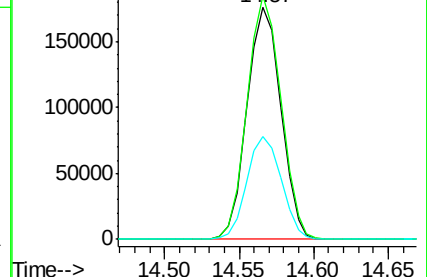
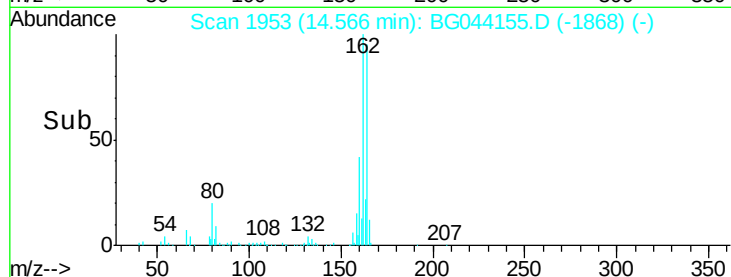
160 44.2 36.1 54.1



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: 40.637 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Tgt Ion:216 Resp: 329967

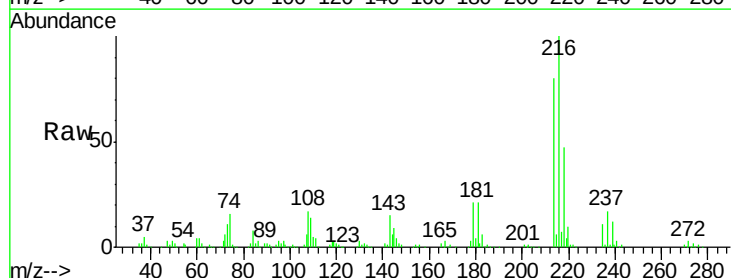
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 21.3 17.3 25.9

108 18.0 15.3 22.9

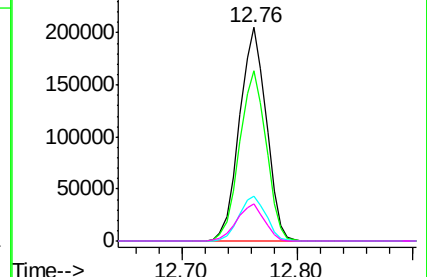
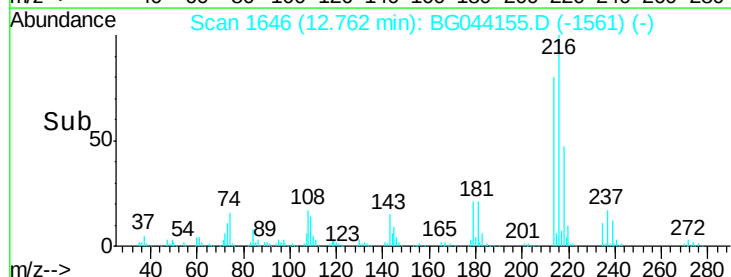


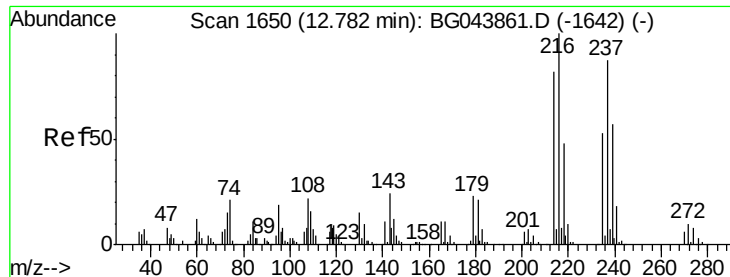
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.126 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.04 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

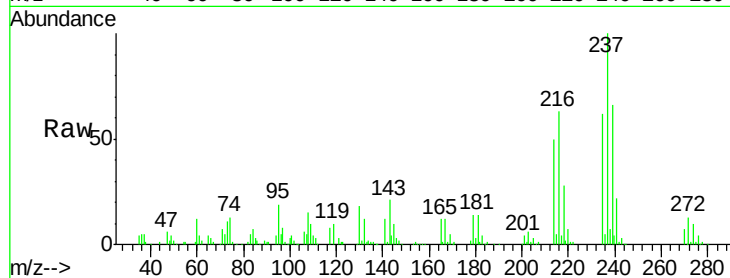
Tot Ion:237 Resp: 156289

Ion Ratio Lower Upper

237 100

235 61.7 41.1 81.1

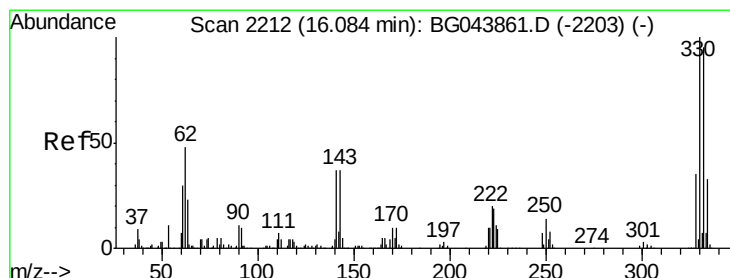
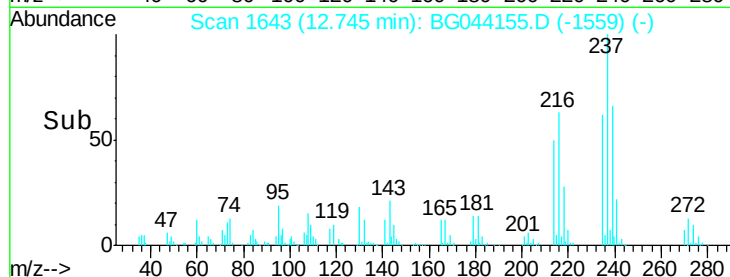
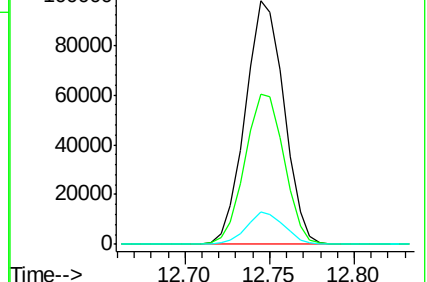
272 13.3 0.0 31.7



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: 89.382 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

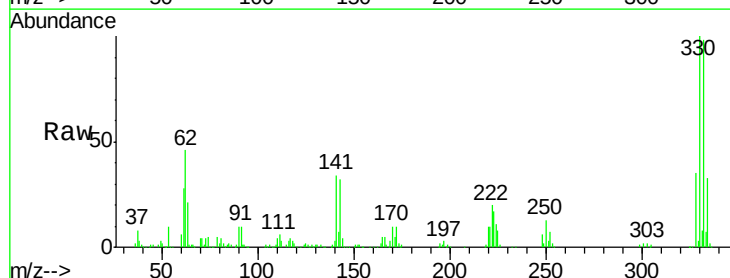
Tgt Ion:330 Resp: 259126

Ion Ratio Lower Upper

330 100

332 97.6 77.2 115.8

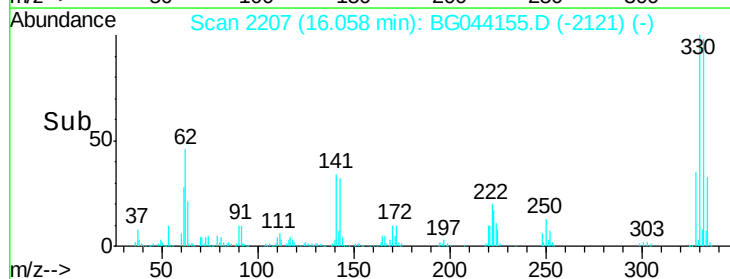
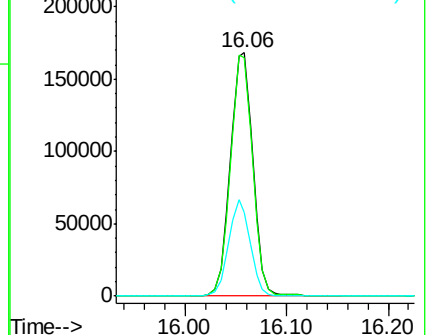
141 38.0 33.1 49.7

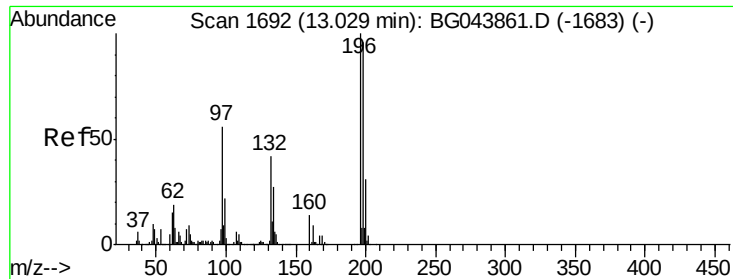


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

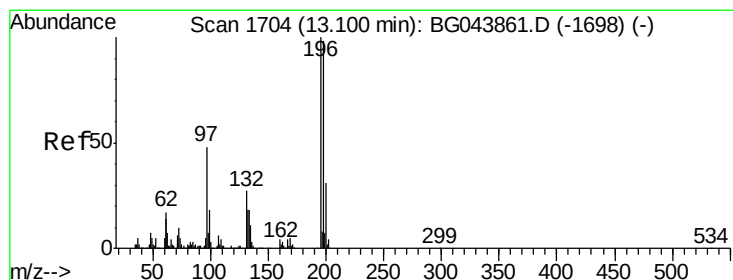
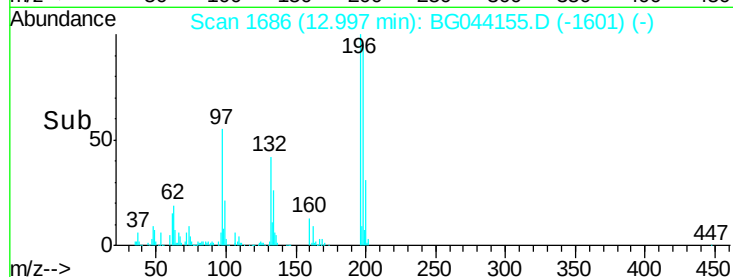
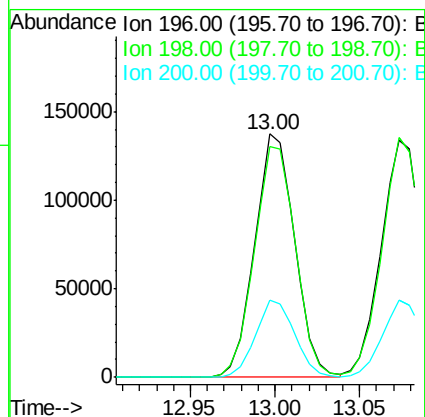
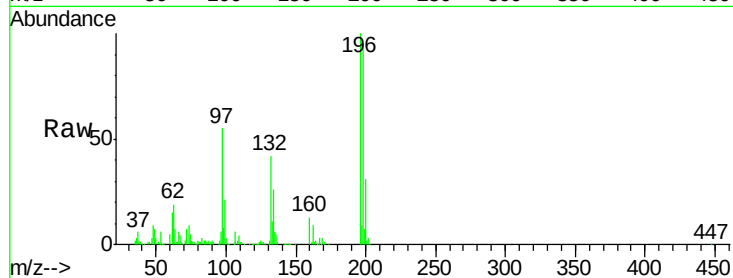




#43
 2,4,6-Trichlorophenol
 Concen: 40.542 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.03 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

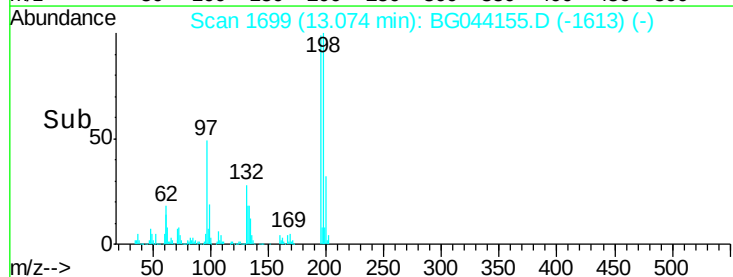
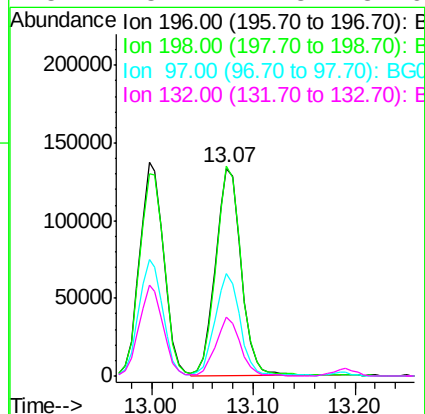
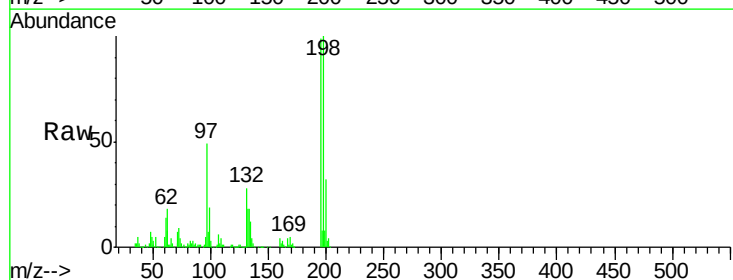
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

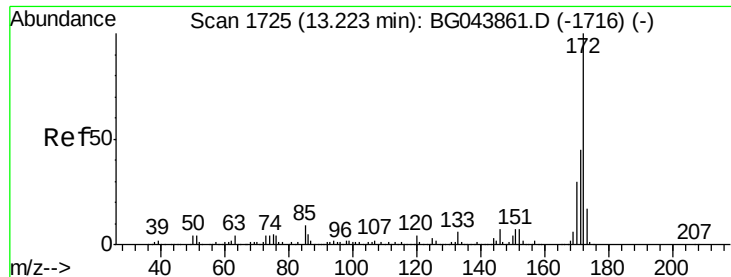
Tot Ion:196 Resp: 226513
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 115.0
 200 31.5 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.552 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.03 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

Tgt Ion:196 Resp: 233677
 Ion Ratio Lower Upper
 196 100
 198 101.1 78.3 117.5
 97 49.4 38.8 58.2
 132 28.4 21.3 31.9

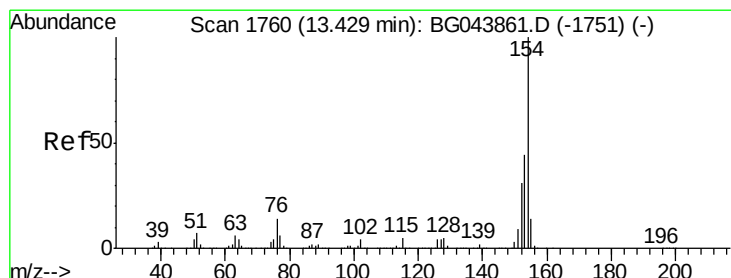
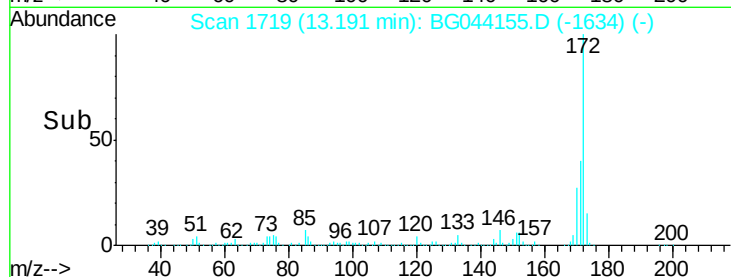
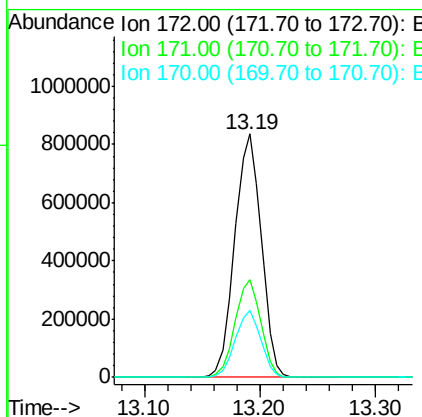
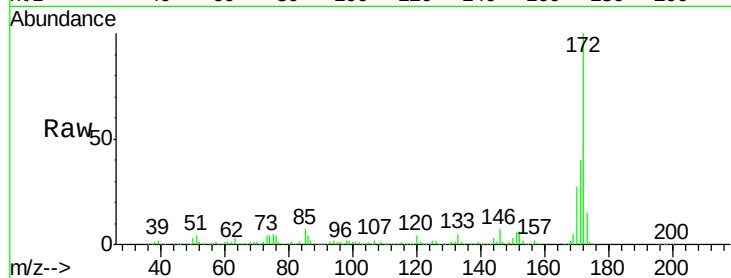




#45
2-Fluorobiphenyl
Concen: 86.858 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

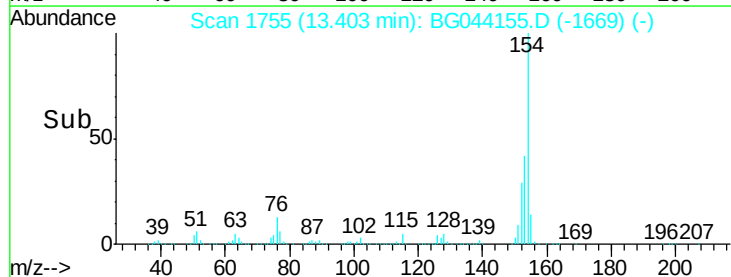
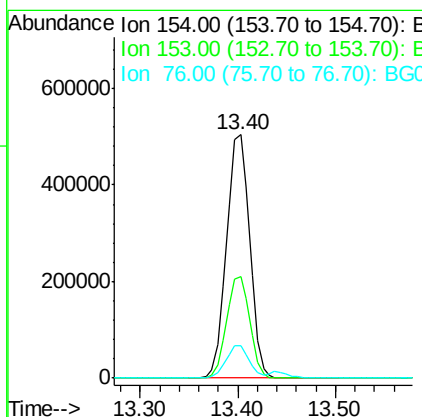
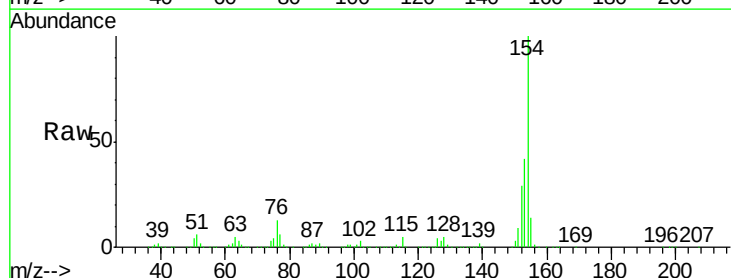
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

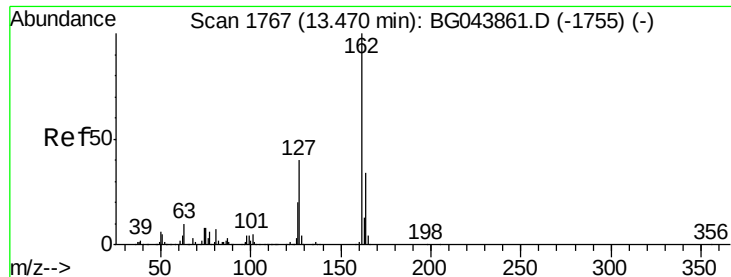
Tot Ion:172 Resp: 1328131
Ion Ratio Lower Upper
172 100
171 40.3 35.8 53.8
170 27.4 24.2 36.4



#46
1,1'-Biphenyl
Concen: 41.723 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion:154 Resp: 828731
Ion Ratio Lower Upper
154 100
153 41.6 23.6 63.6
76 13.4 0.0 34.4

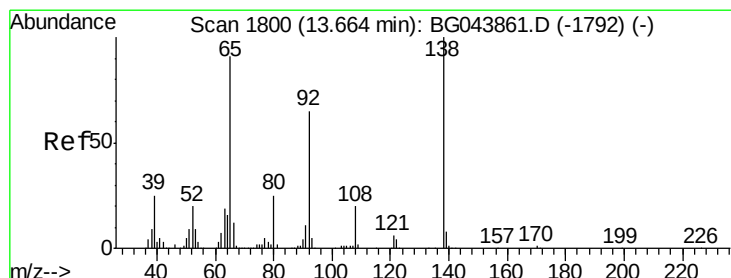
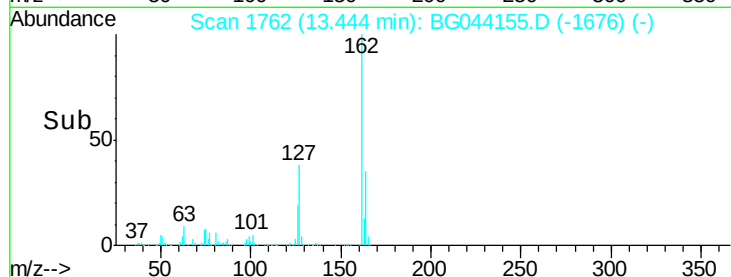
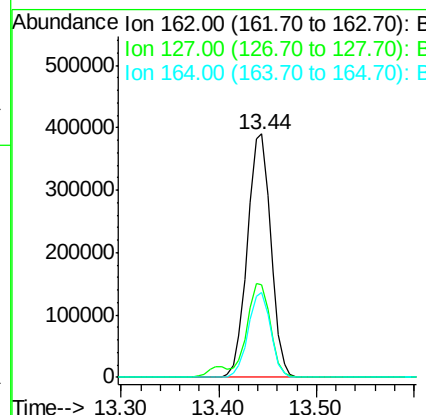
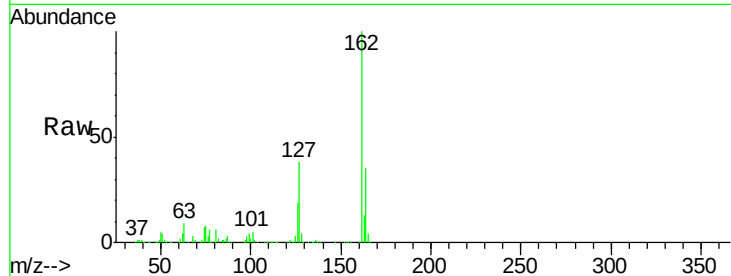




#47
2-Chloronaphthalene
Concen: 40.844 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

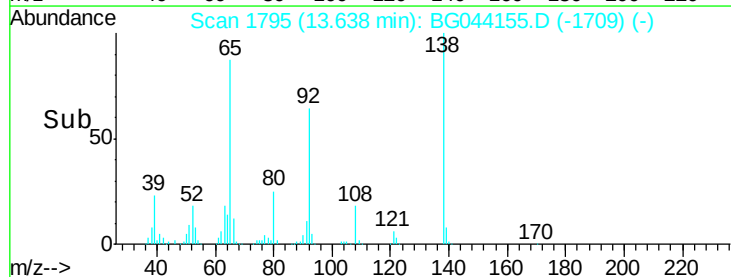
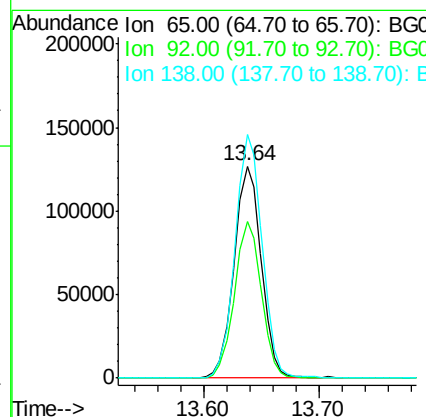
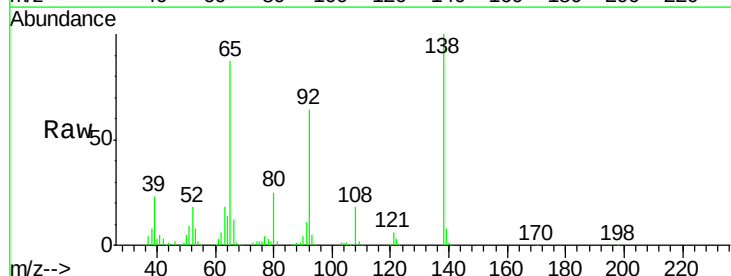
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

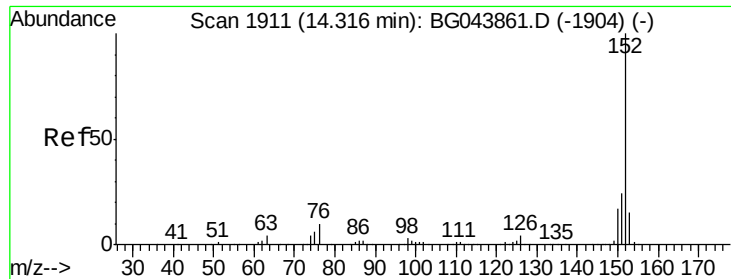
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.1	48.1
164	34.7	27.5	41.3



#48
2-Nitroaniline
Concen: 40.293 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	57.4	86.2
138	115.0	88.2	132.4





#49

Acenaphthylene

Concen: 42.613 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

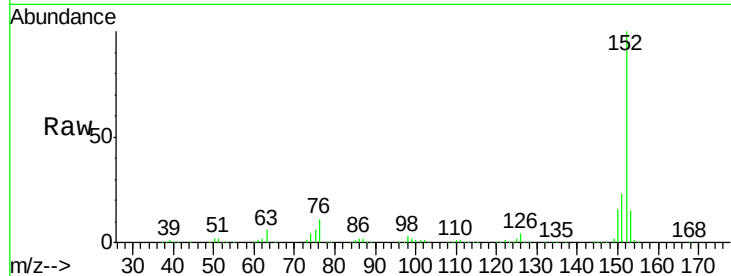
Tot Ion:152 Resp: 983044

Ion Ratio Lower Upper

152 100

151 22.9 19.4 29.2

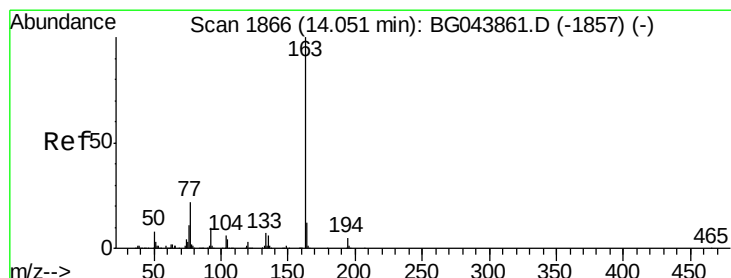
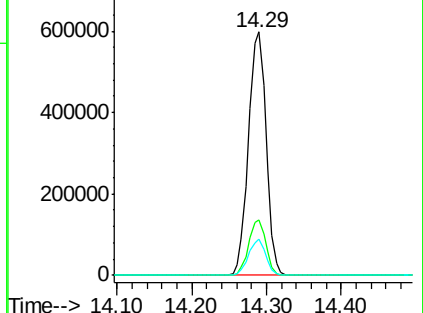
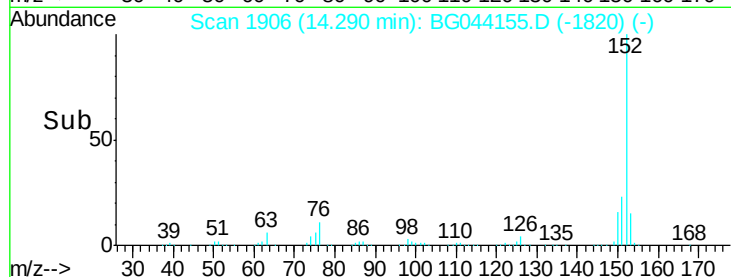
153 14.8 12.0 18.0



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: 41.593 ng

RT: 14.03 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

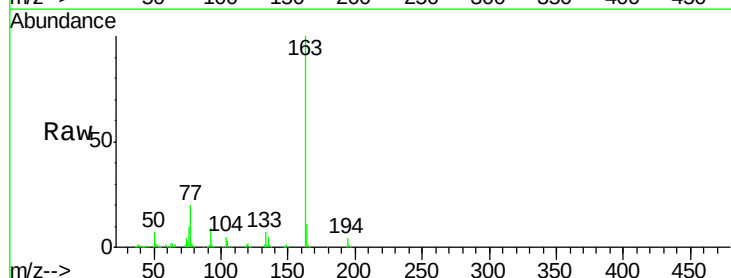
Tgt Ion:163 Resp: 818143

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

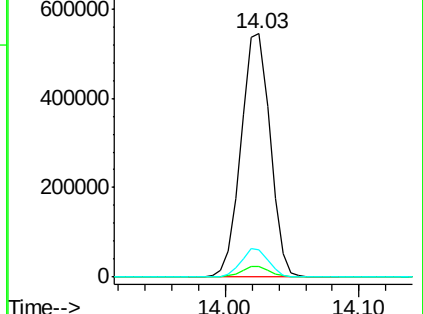
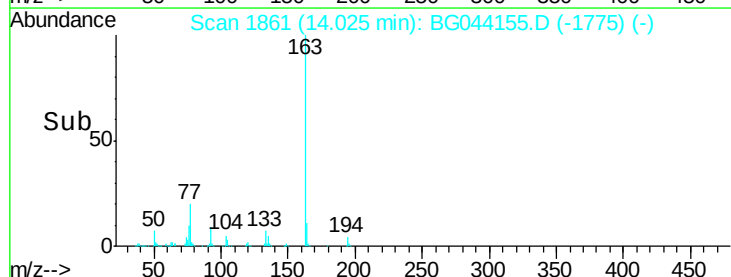
164 11.0 9.3 13.9

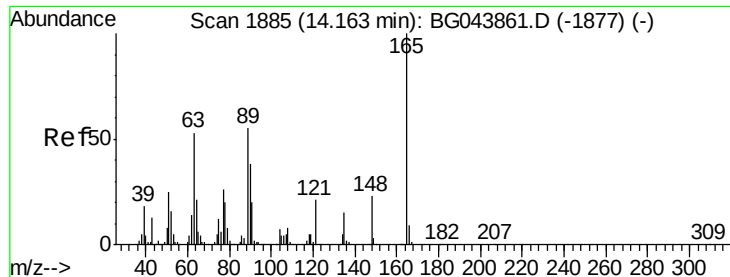


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

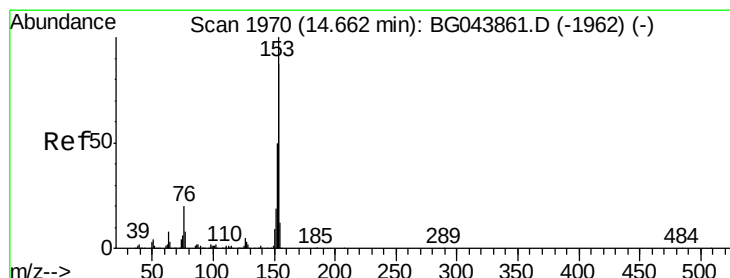
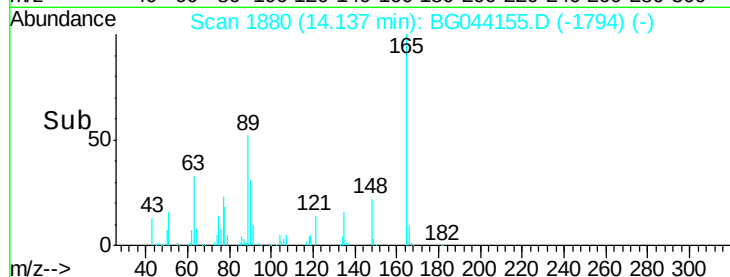
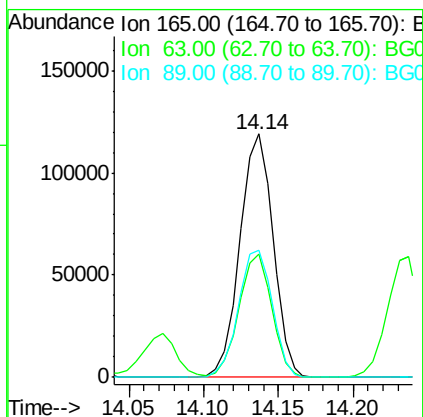
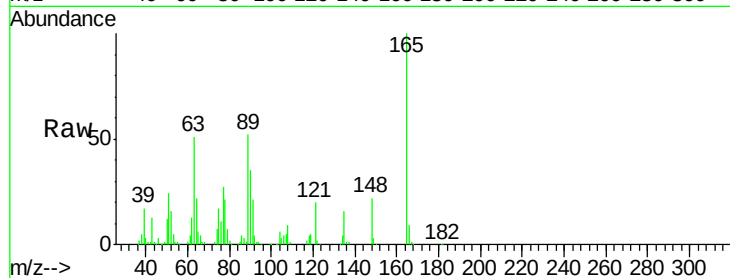




#51
 2,6-Dinitrotoluene
 Concen: 41.271 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

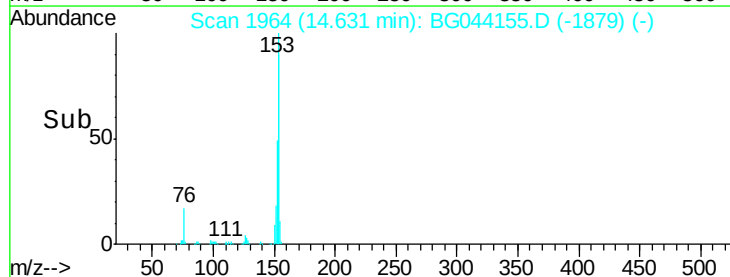
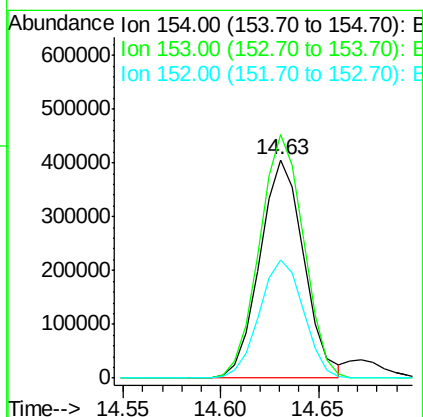
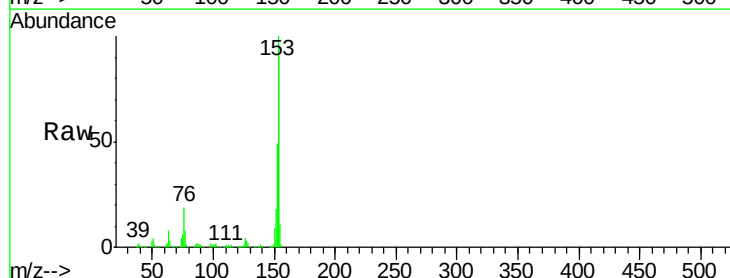
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

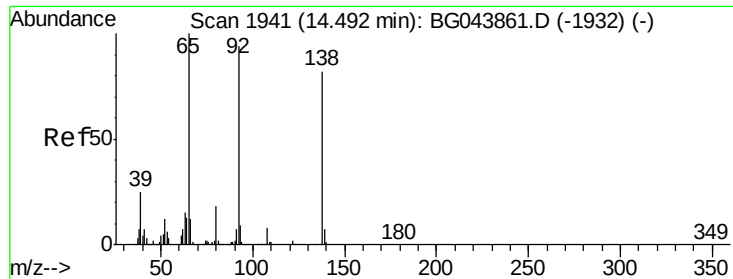
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.8	43.1	64.7
89	52.3	43.8	65.6



#52
 Acenaphthene
 Concen: 39.175 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.6	137.4
152	54.4	45.4	68.0

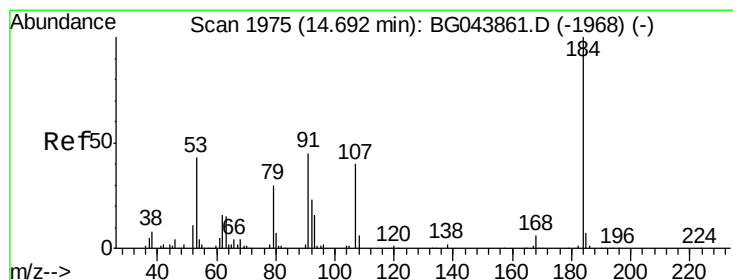
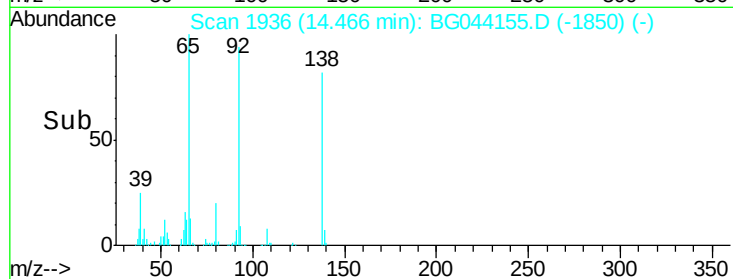
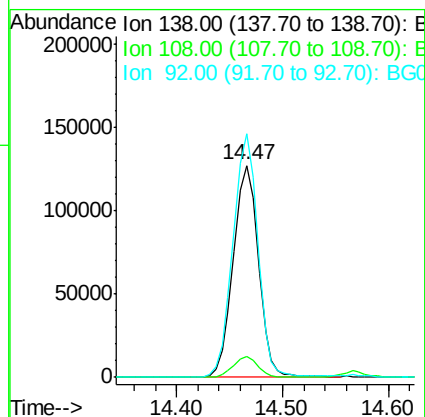
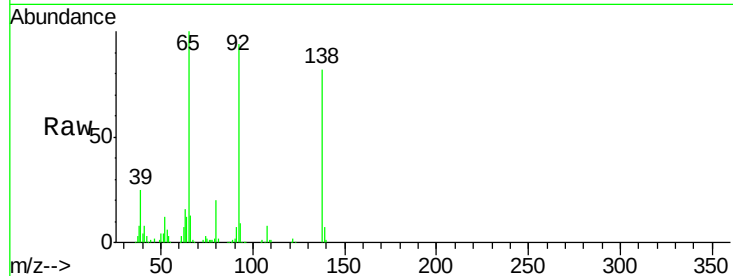




#53
3-Nitroaniline
Concen: 41.792 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

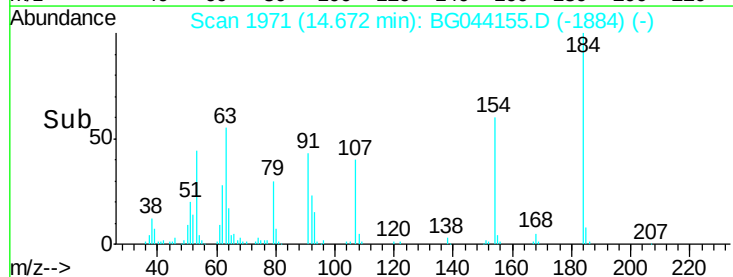
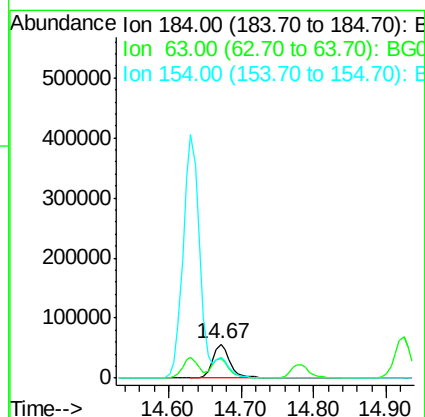
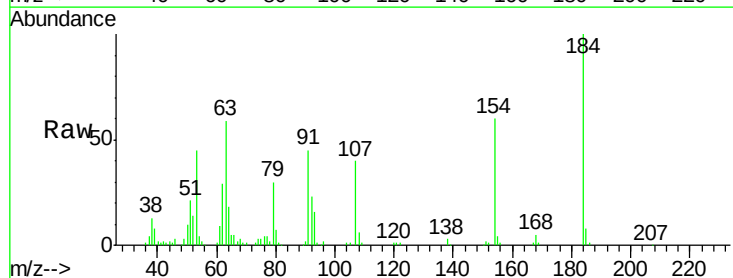
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

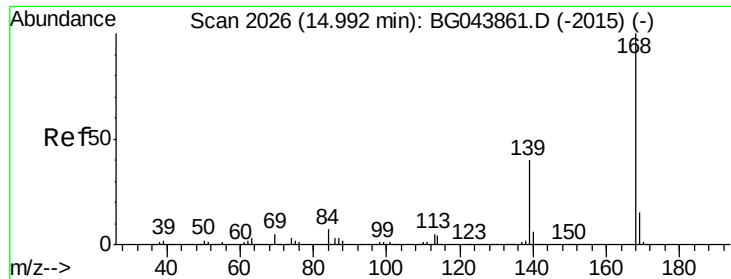
Tot Ion:138 Resp: 211001
Ion Ratio Lower Upper
138 100
108 9.9 7.4 11.2
92 114.7 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 45.885 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion:184 Resp: 98245
Ion Ratio Lower Upper
184 100
63 58.8 46.6 70.0
154 59.5 50.2 75.4

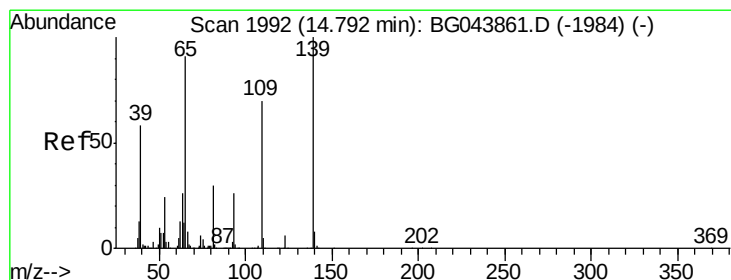
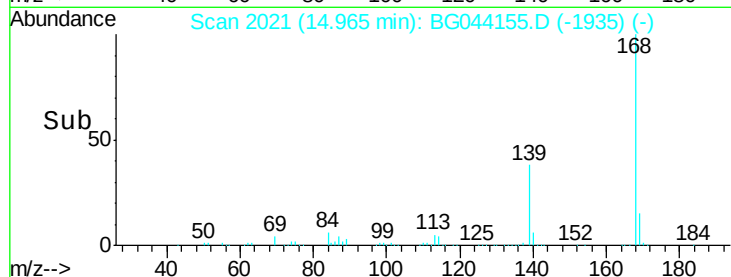
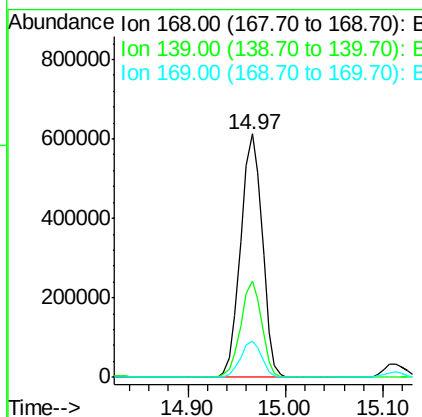
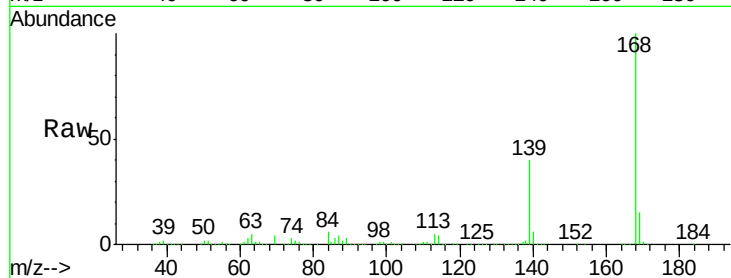




#55
Dibenzofuran
Concen: 42.542 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

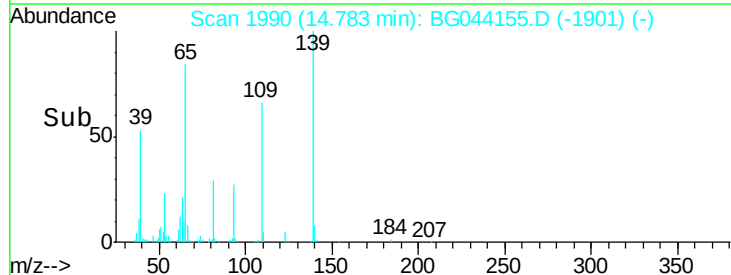
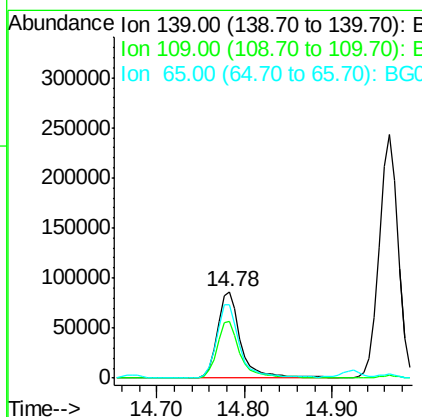
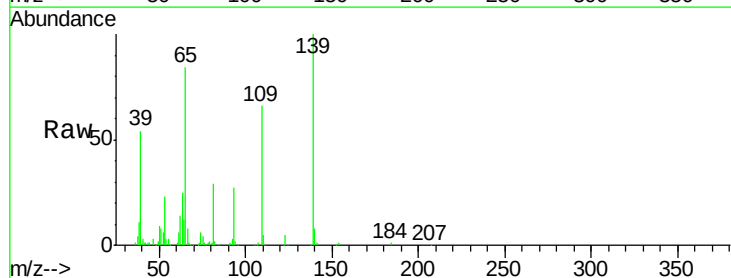
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

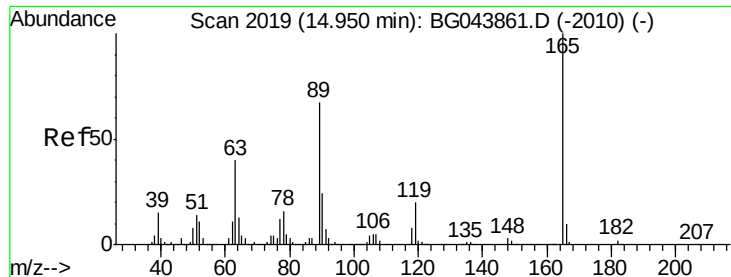
Tot Ion:168 Resp: 947459
Ion Ratio Lower Upper
168 100
139 39.7 32.2 48.2
169 14.8 12.2 18.2



#56
4-Nitrophenol
Concen: 41.153 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion:139 Resp: 159218
Ion Ratio Lower Upper
139 100
109 65.5 50.4 90.4
65 84.4 71.4 111.4

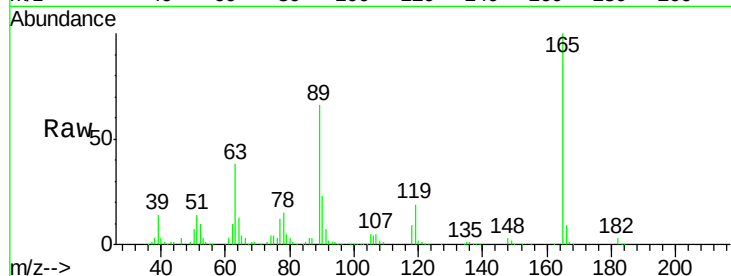




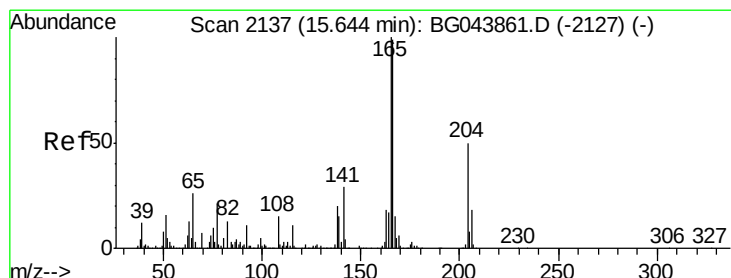
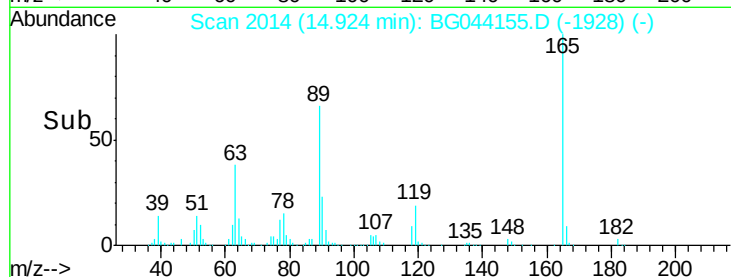
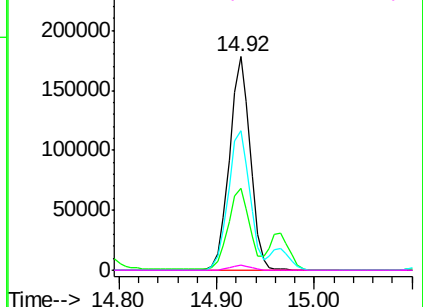
#57
2,4-Dinitrotoluene
Concen: 43.383 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	262454
Ion Ratio	Lower	Upper
165	100	
63	38.4	31.9 47.9
89	65.6	53.8 80.6
182	2.5	2.0 3.0

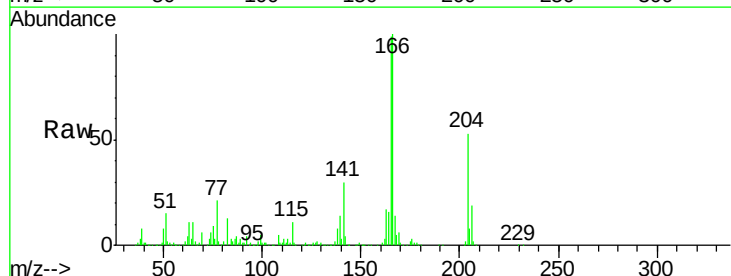


Abundance Ion 165.00 (164.70 to 165.70): E

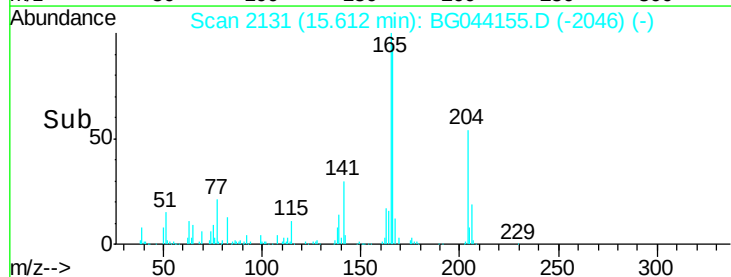
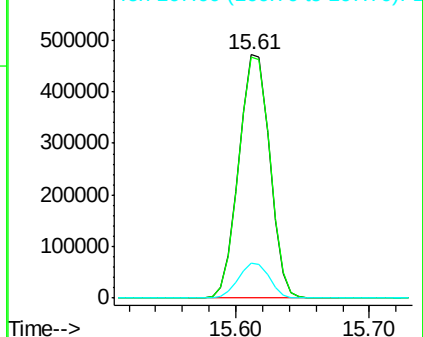


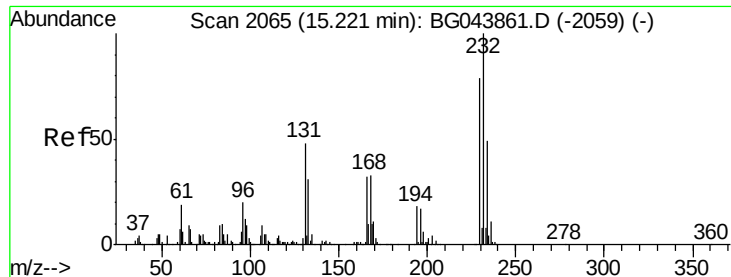
#58
Fluorene
Concen: 42.954 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion:166	Resp:	758230
Ion Ratio	Lower	Upper
166	100	
165	98.8	80.8 121.2
167	14.3	12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E

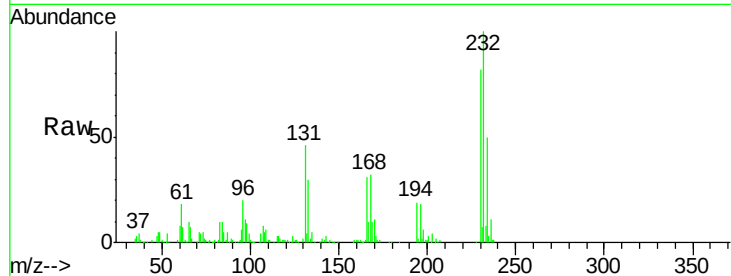




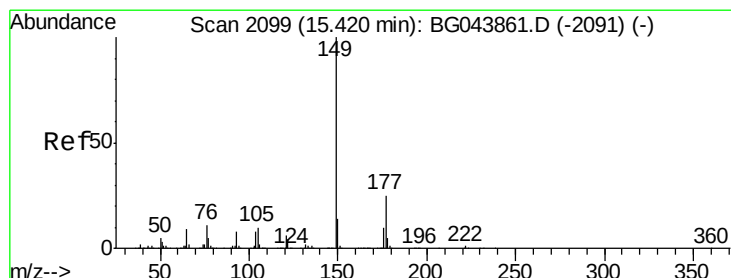
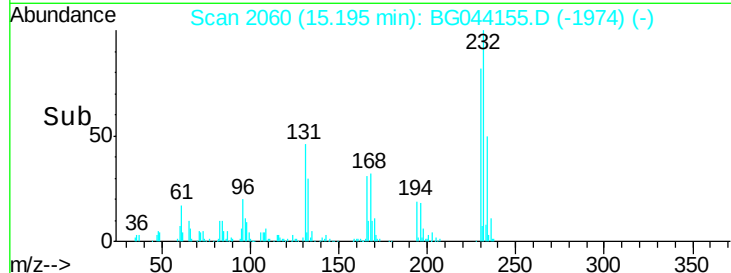
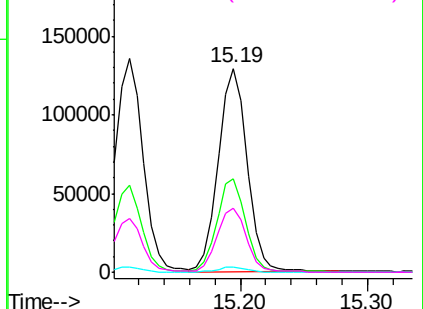
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.080 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.03 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	203554
Ion Ratio	Lower	Upper
232	100	
131	46.1	38.2 57.2
130	2.6	2.2 3.2
166	32.1	26.4 39.6

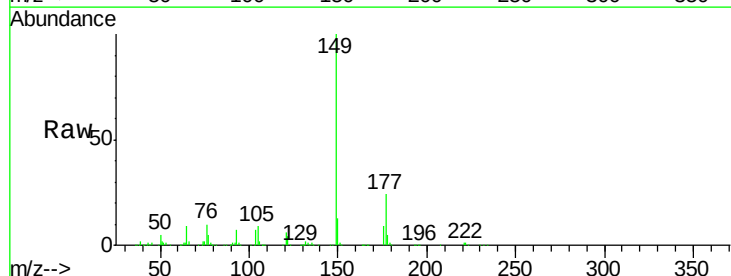


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

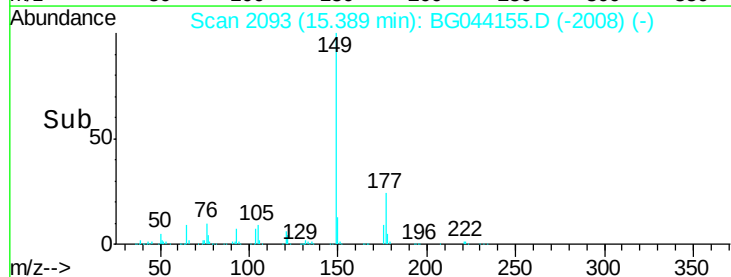
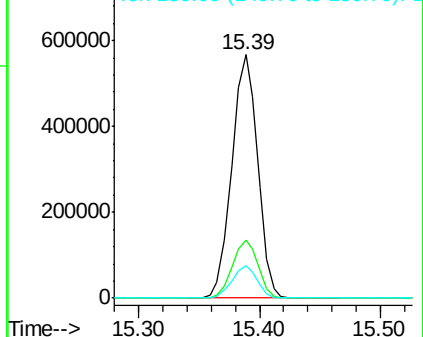


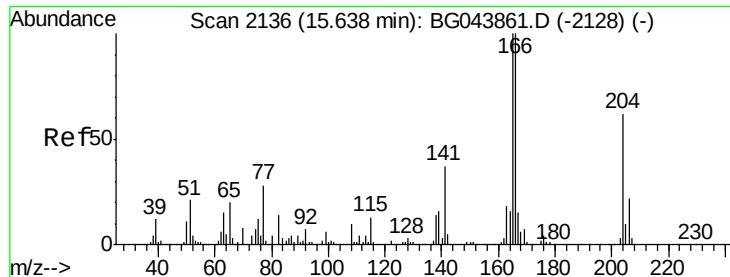
#60
 Diethylphthalate
 Concen: 42.898 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

Tgt Ion:149	Resp:	843980
Ion Ratio	Lower	Upper
149	100	
177	23.8	20.0 30.0
150	13.3	11.1 16.7



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

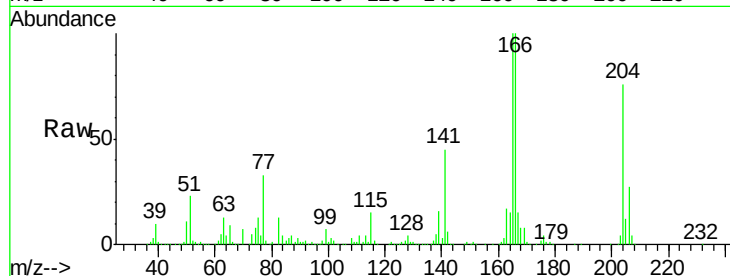




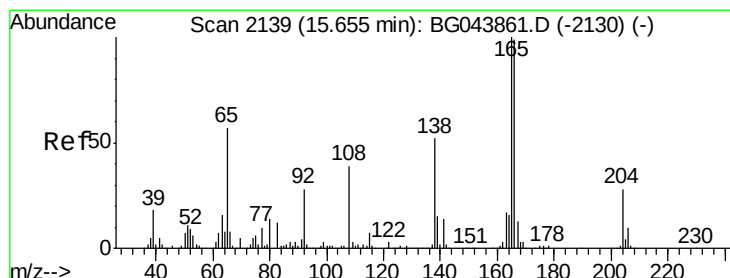
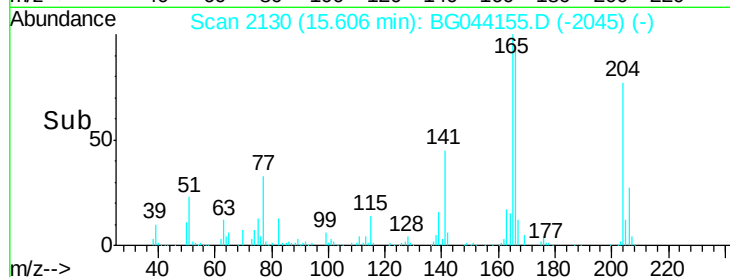
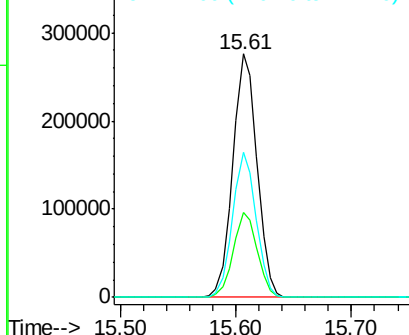
#61
 4-Chlorophenyl-phenylether
 Concen: 41.656 ng
 RT: 15.61 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:204 Resp: 399277
 Ion Ratio Lower Upper
 204 100
 206 35.1 28.2 42.2
 141 59.5 48.2 72.2

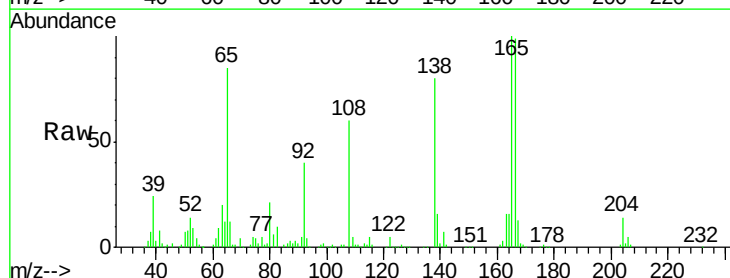


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

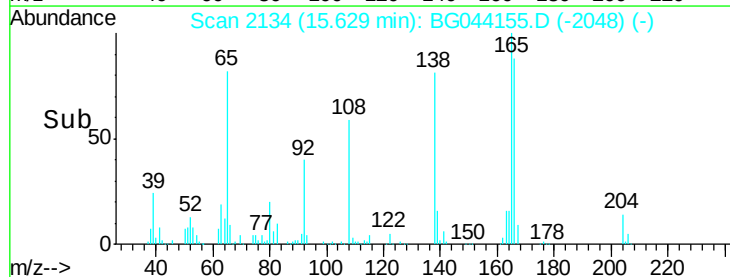
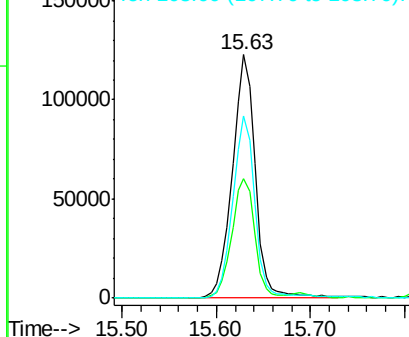


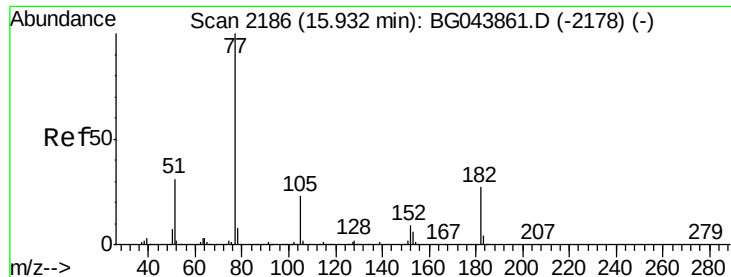
#62
 4-Nitroaniline
 Concen: 41.764 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

Tgt Ion:138 Resp: 208225
 Ion Ratio Lower Upper
 138 100
 92 49.3 34.3 74.3
 108 74.6 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG0
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.654 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 760007

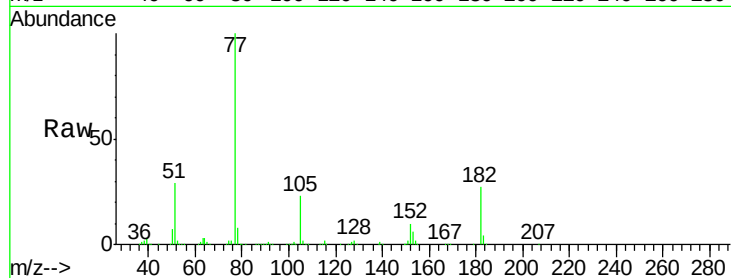
Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.3	47.3
105	23.2	3.2	43.2
51	29.4	10.6	50.6

77 100

182 27.5 7.3 47.3

105 23.2 3.2 43.2

51 29.4 10.6 50.6

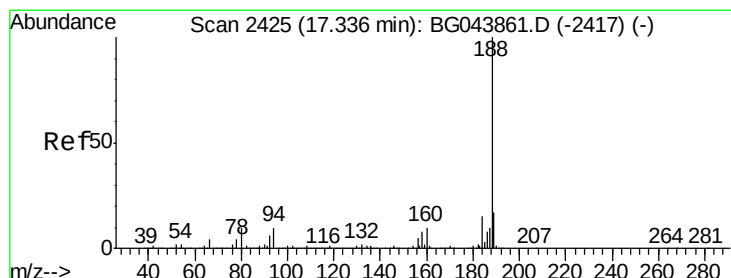
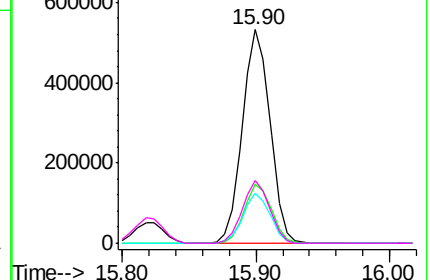
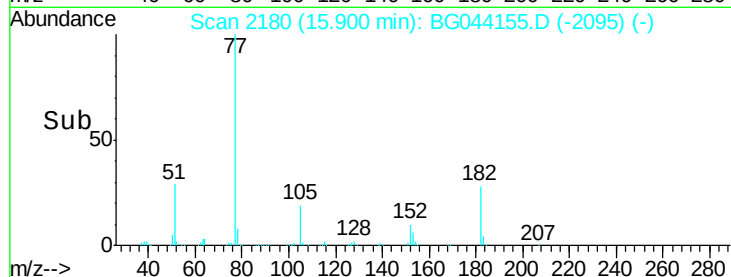


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

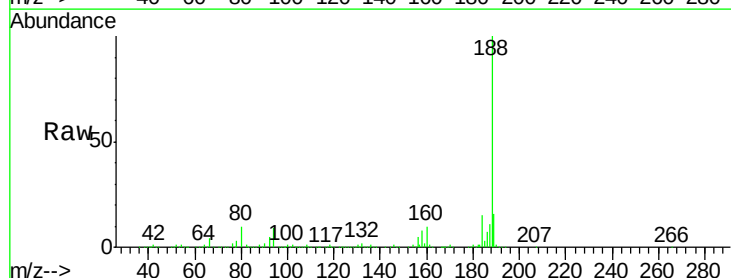
Tgt Ion: 188 Resp: 586197

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.9	11.9
80	9.7	8.2	12.4

188 100

94 8.9 7.9 11.9

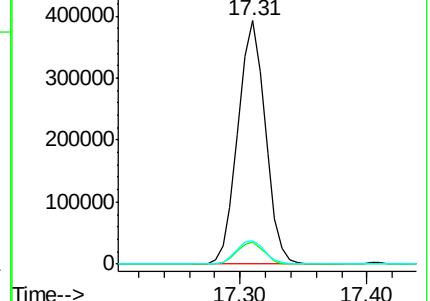
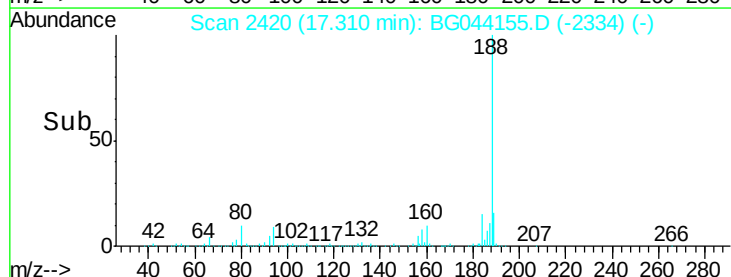
80 9.7 8.2 12.4

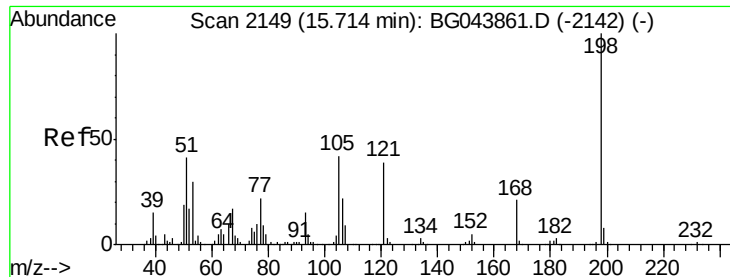


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

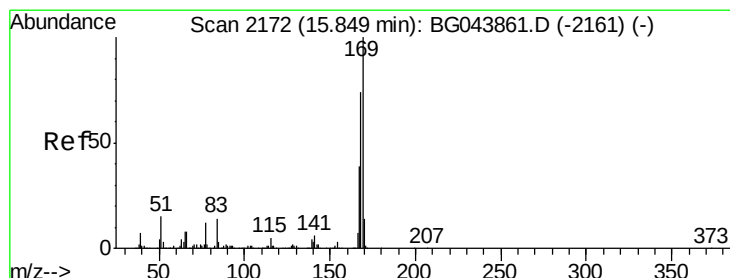
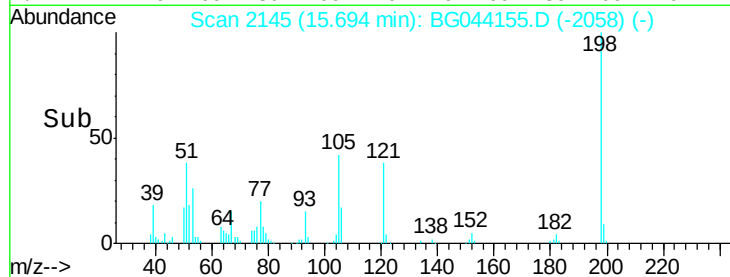
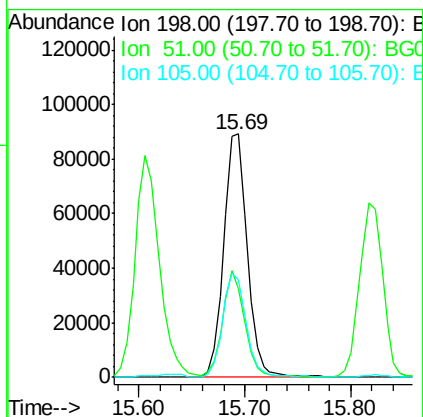
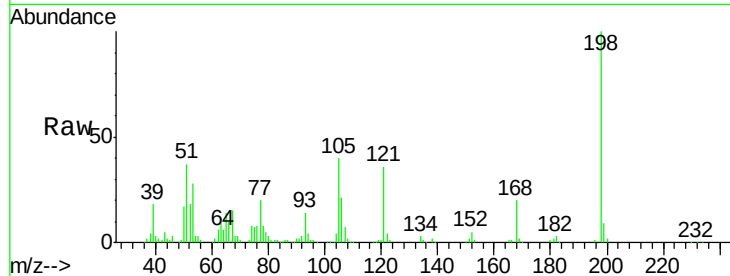




#65
4,6-Dinitro-2-methylphenol
Concen: 45.873 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.02 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

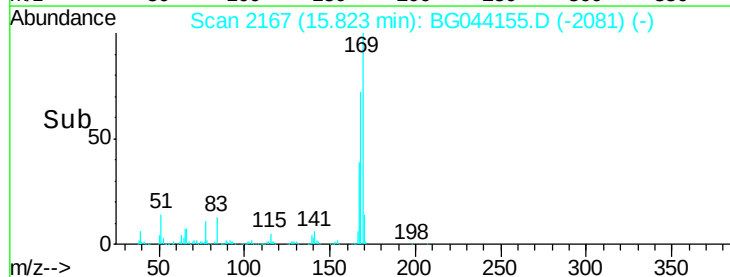
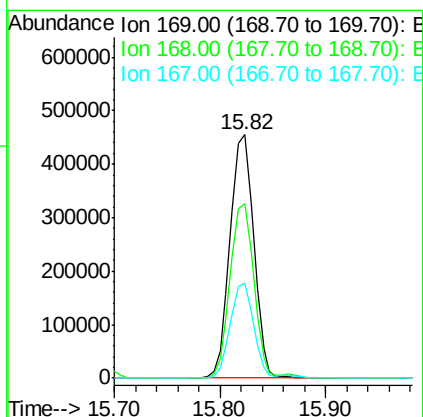
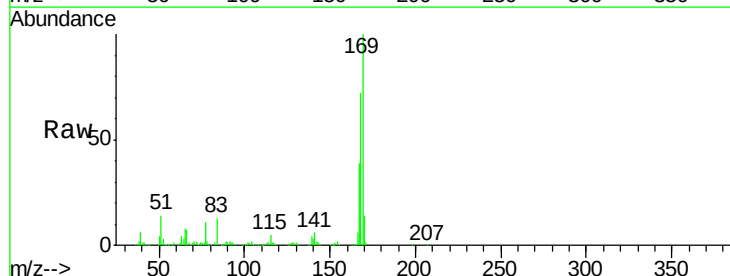
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

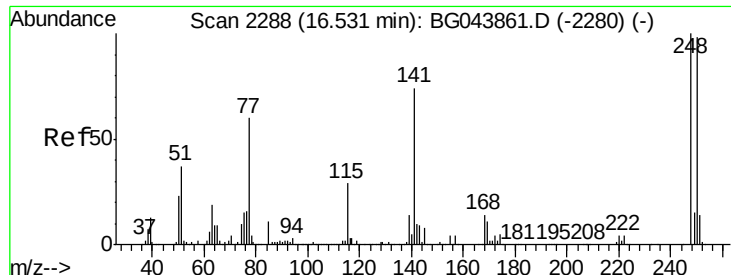
Tot Ion:198 Resp: 137900
Ion Ratio Lower Upper
198 100
51 36.5 22.5 62.5
105 40.2 22.3 62.3



#66
n-Nitrosodiphenylamine
Concen: 40.880 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion:169 Resp: 705707
Ion Ratio Lower Upper
169 100
168 71.6 59.0 88.6
167 38.9 31.4 47.0

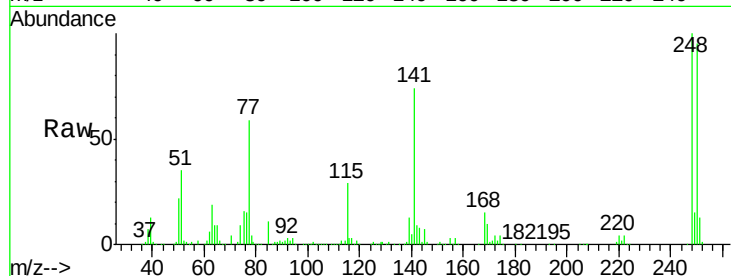




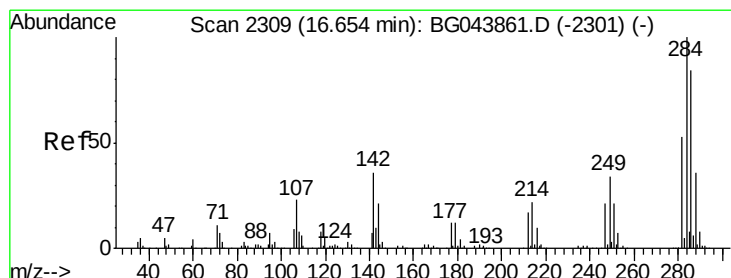
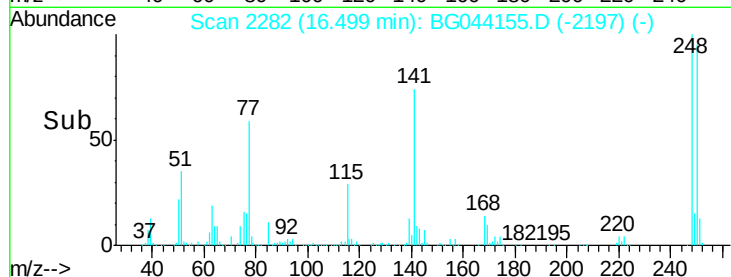
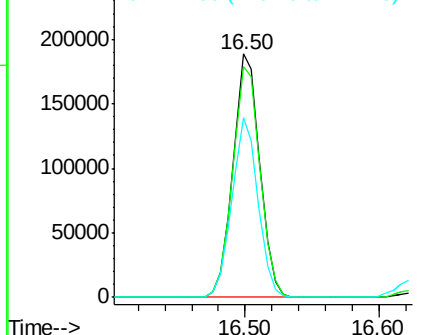
#67
4-Bromophenyl-phenylether
Concen: 39.956 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 263427
Ion Ratio Lower Upper
248 100
250 95.0 78.2 117.2
141 73.8 59.3 88.9

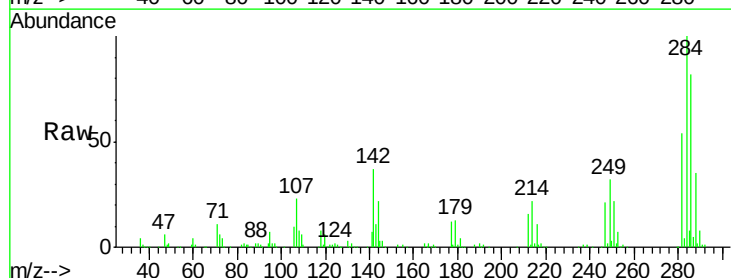


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

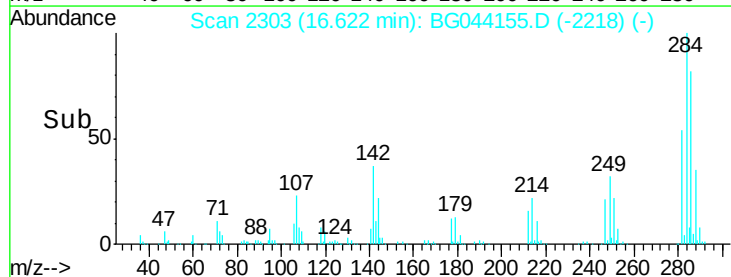
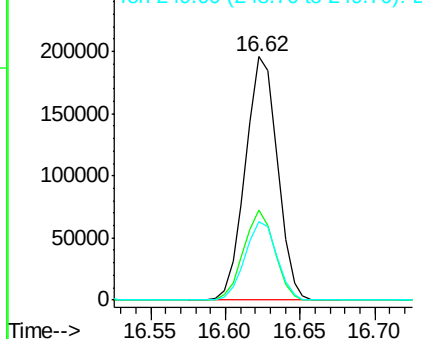


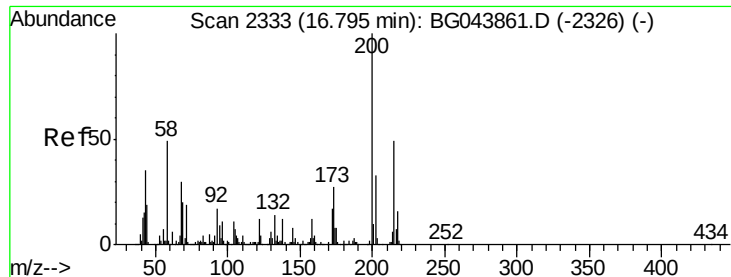
#68
Hexachlorobenzene
Concen: 40.958 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion:284 Resp: 290966
Ion Ratio Lower Upper
284 100
142 36.9 28.6 43.0
249 32.0 27.0 40.6



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





#69

Atrazine

Concen: 39.840 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

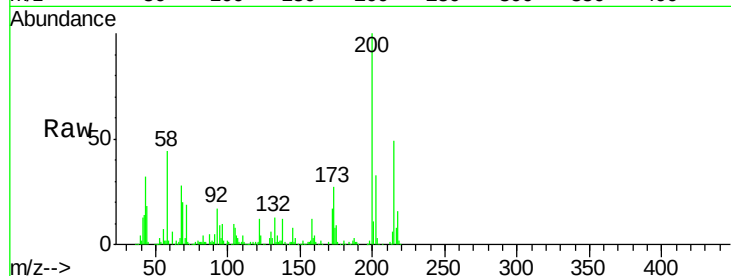
Tot Ion:200 Resp: 223555

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

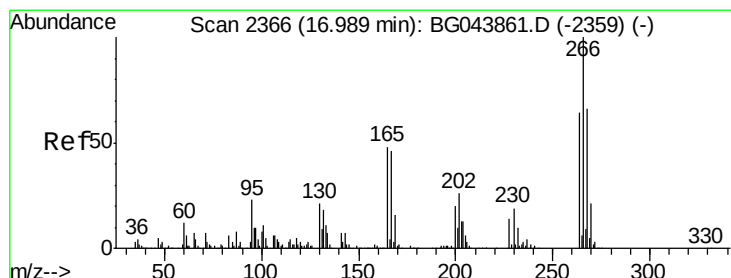
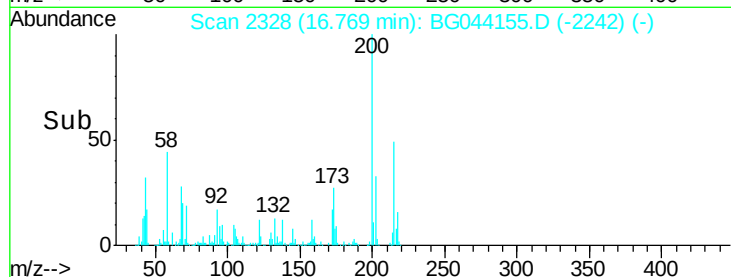
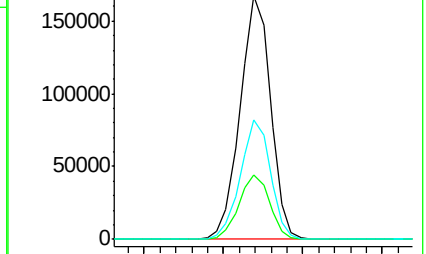
215 49.1 28.6 68.6



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: 36.984 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

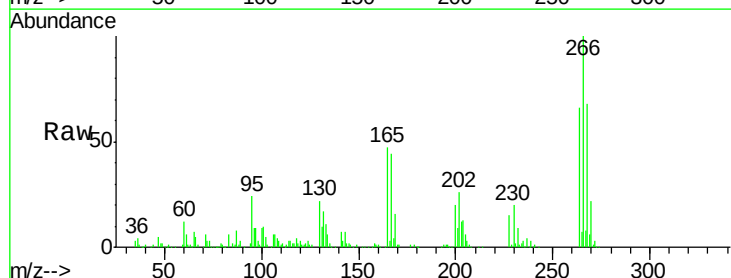
Tgt Ion:266 Resp: 144834

Ion Ratio Lower Upper

266 100

268 68.1 52.6 79.0

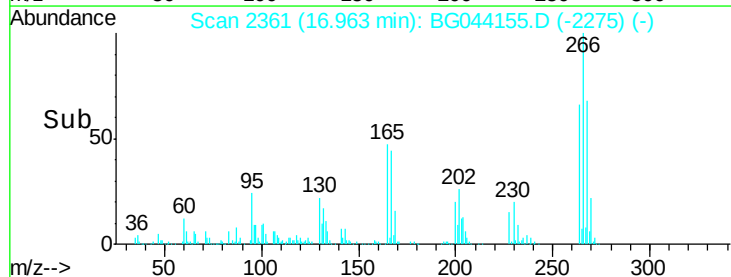
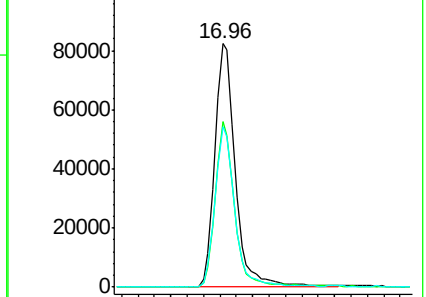
264 66.0 50.8 76.2

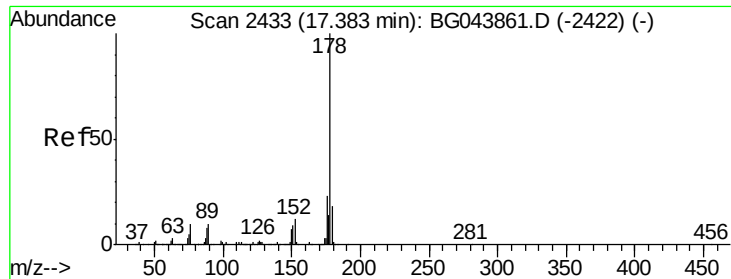


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

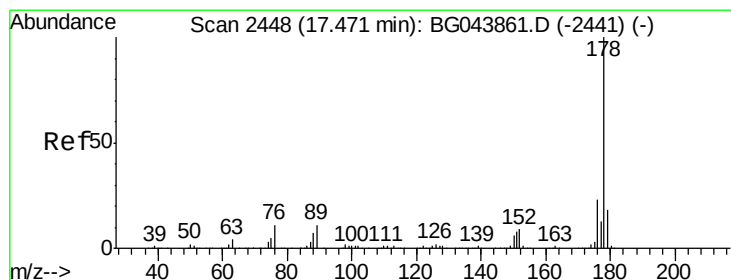
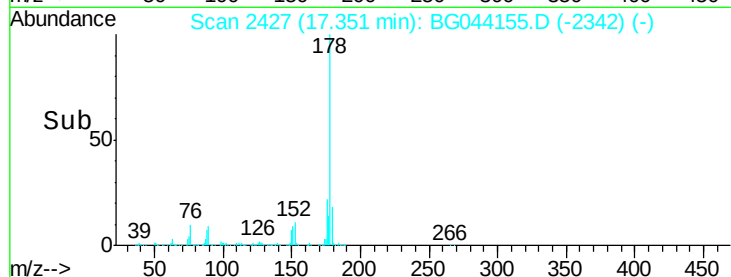
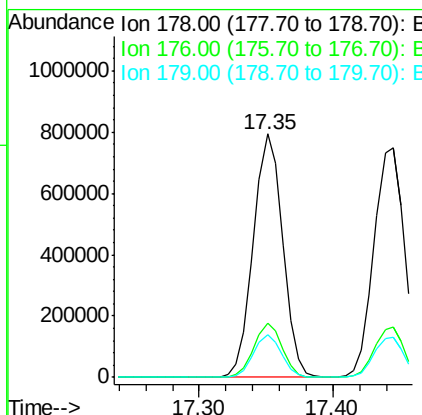
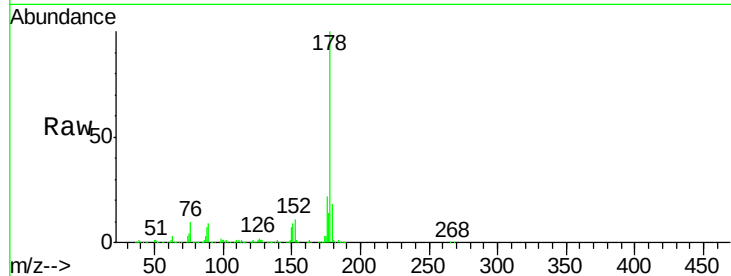




#71
Phenanthrene
Concen: 42.820 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

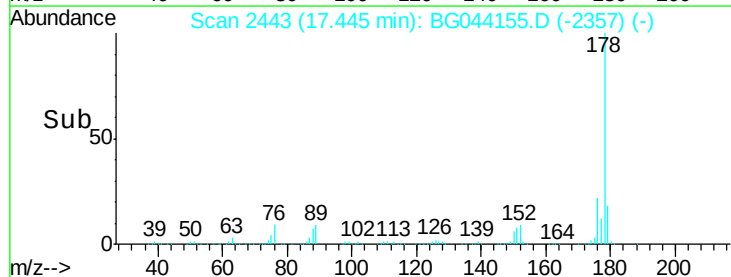
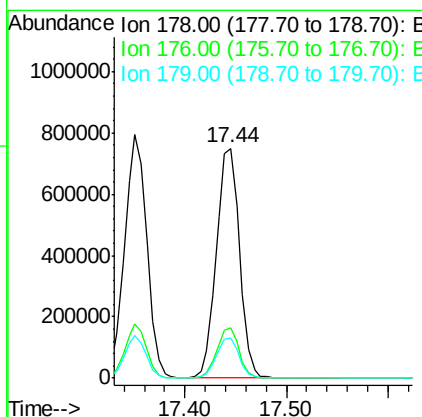
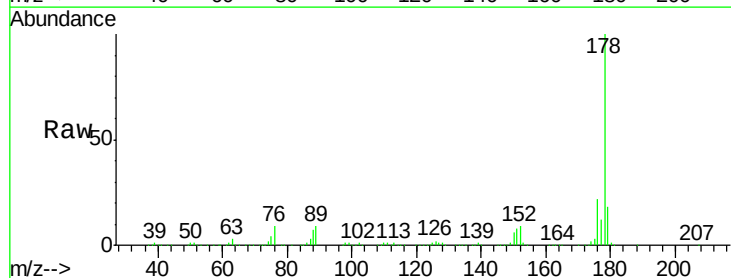
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

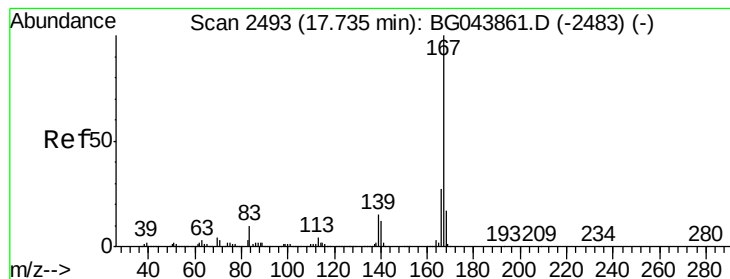
Tot Ion:178 Resp: 1203965
Ion Ratio Lower Upper
178 100
176 22.3 18.6 28.0
179 17.6 14.4 21.6



#72
Anthracene
Concen: 42.642 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion:178 Resp: 1184922
Ion Ratio Lower Upper
178 100
176 22.1 18.3 27.5
179 17.6 14.6 22.0





#73

Carbazole

Concen: 42.488 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

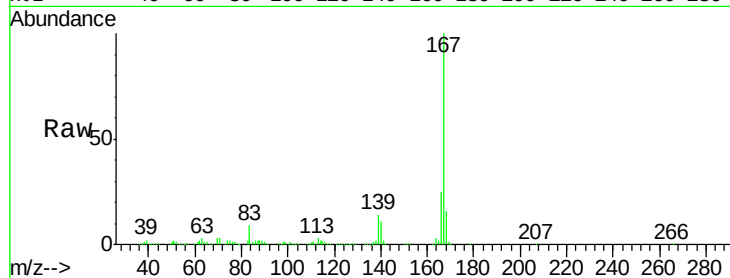
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1090566

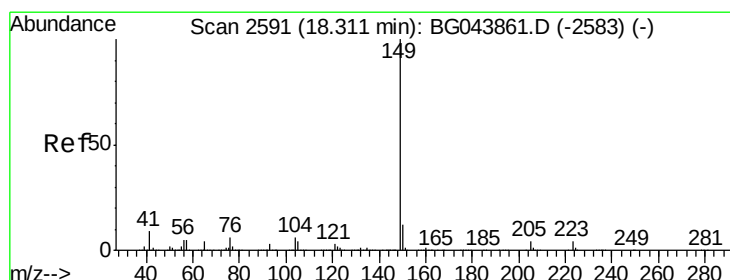
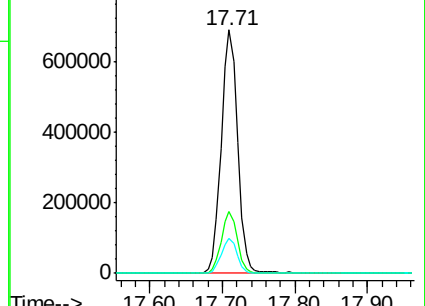
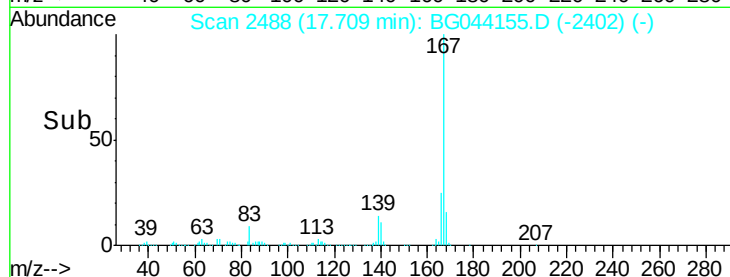
Ion	Ratio	Lower	Upper
167	100		
166	25.3	21.6	32.4
139	14.4	12.1	18.1



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: 42.193 ng

RT: 18.28 min Scan# 2585

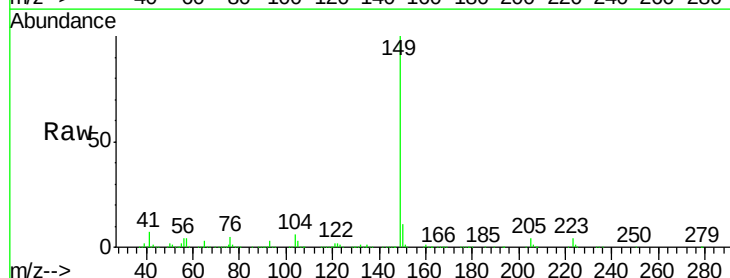
Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Tgt Ion:149 Resp: 1382740

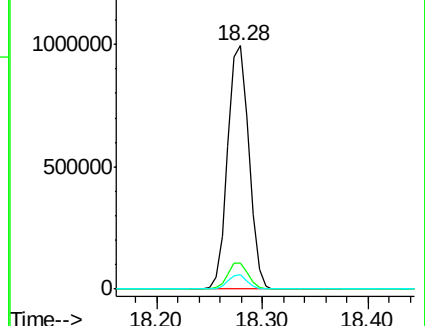
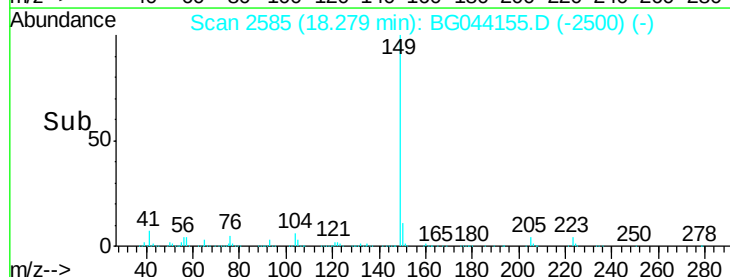
Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.7	14.5
104	5.7	5.0	7.4

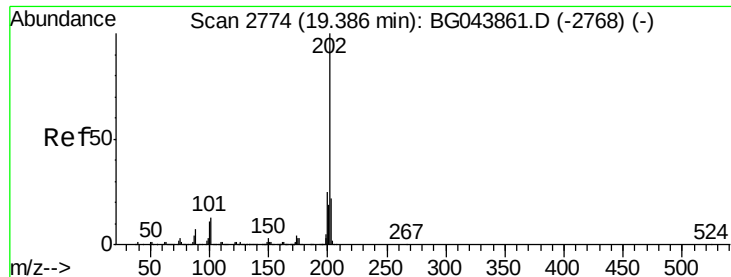


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.310 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

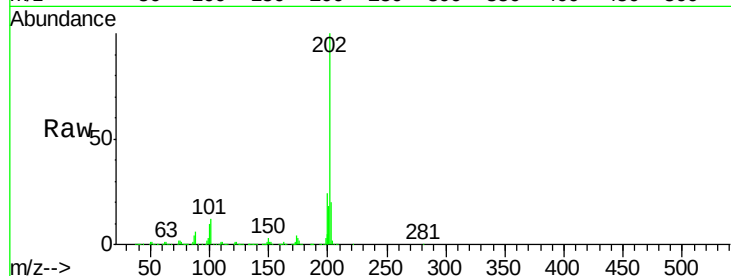
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1360523

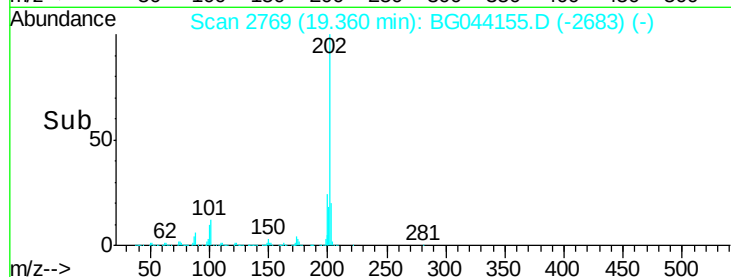
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.3
203	20.0	1.6	41.6



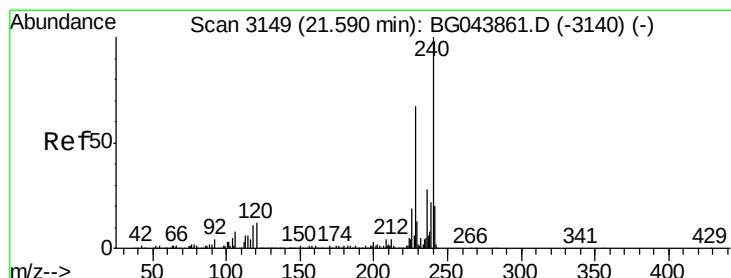
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

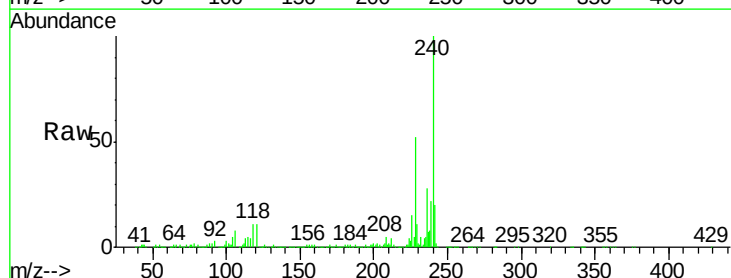
Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Tgt Ion:240 Resp: 495342

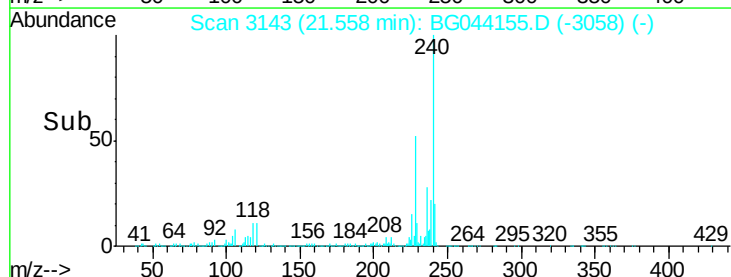
Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	27.9	22.2	33.2



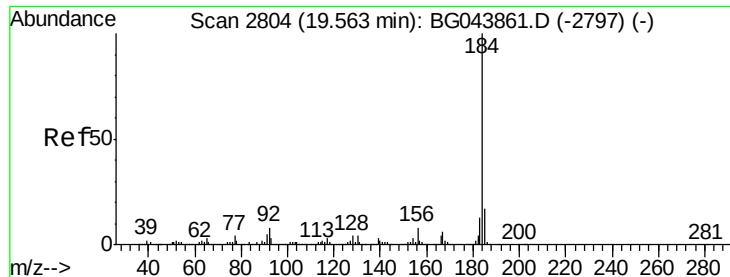
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 41.040 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

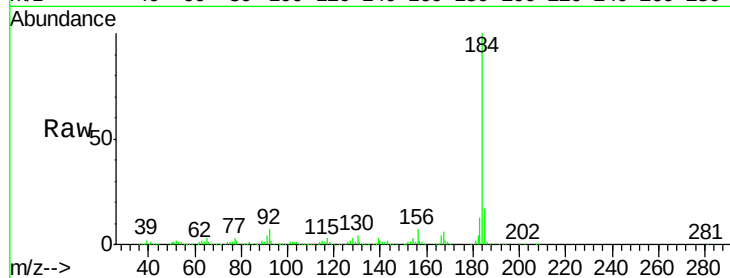
Tot Ion:184 Resp: 510981

Ion Ratio Lower Upper

184 100

185 17.2 13.4 20.0

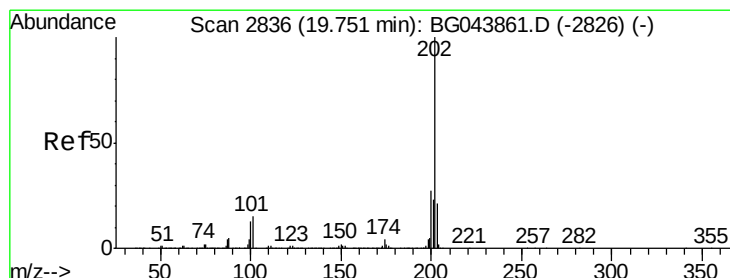
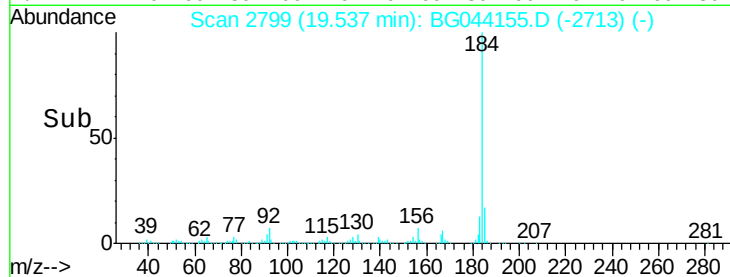
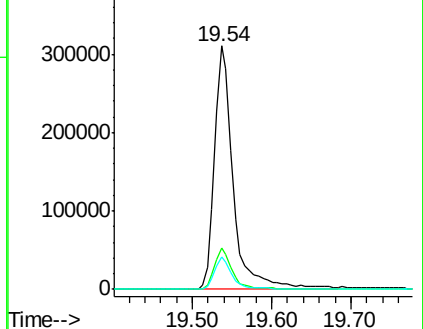
183 13.3 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.035 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

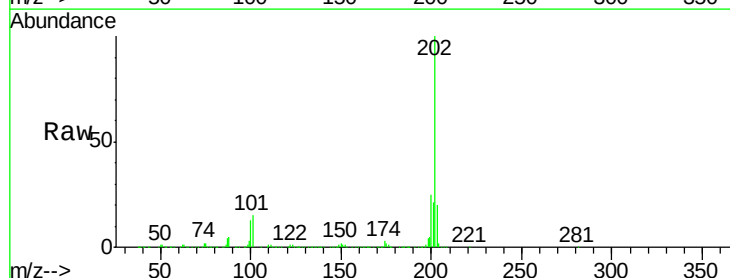
Tgt Ion:202 Resp: 1359121

Ion Ratio Lower Upper

202 100

200 24.6 21.7 32.5

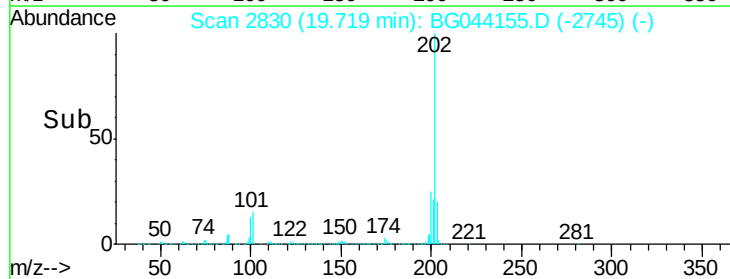
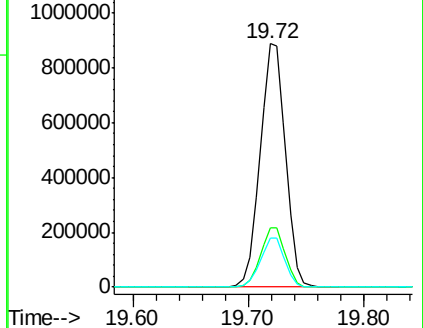
203 20.3 17.0 25.6

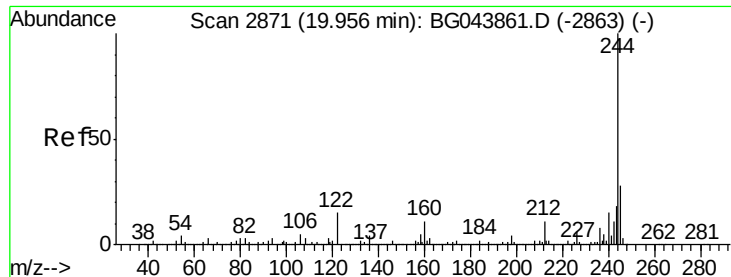


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.834 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

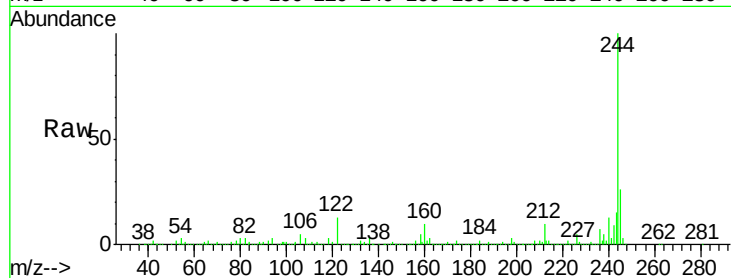
Tot Ion:244 Resp: 1847685

Ion Ratio Lower Upper

244 100

212 9.7 8.6 13.0

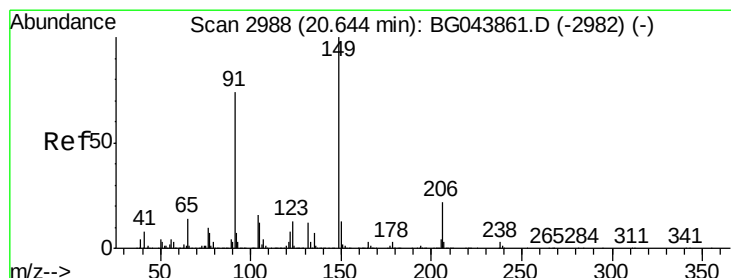
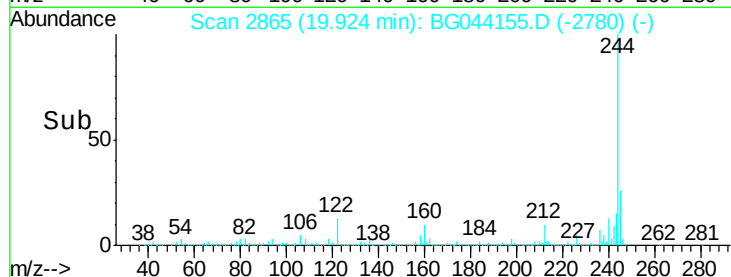
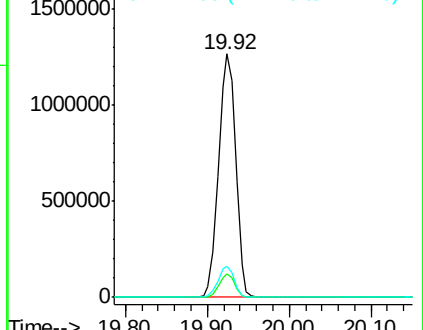
122 13.0 11.9 17.9



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: 42.684 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

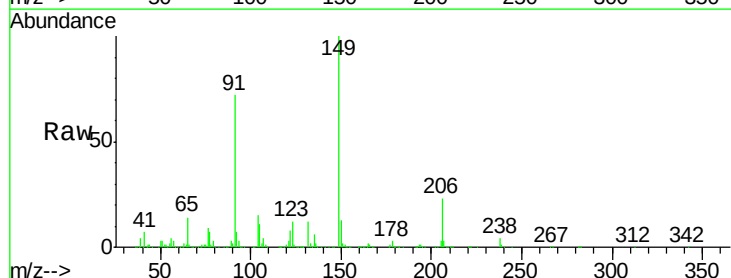
Tgt Ion:149 Resp: 657047

Ion Ratio Lower Upper

149 100

91 72.4 59.5 89.3

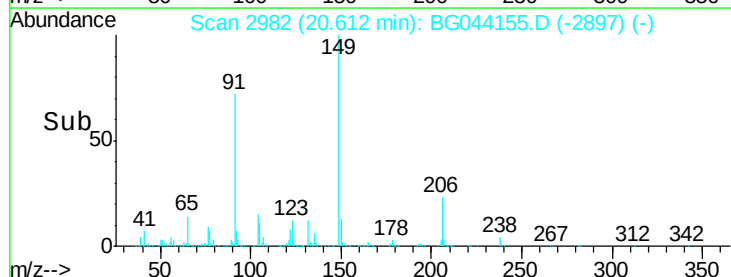
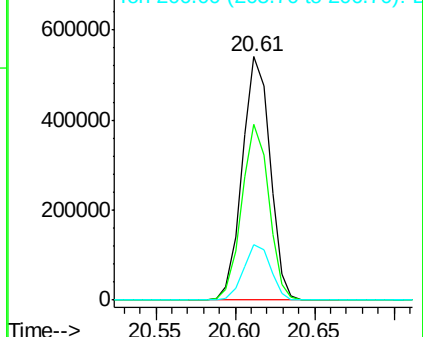
206 22.7 17.8 26.6

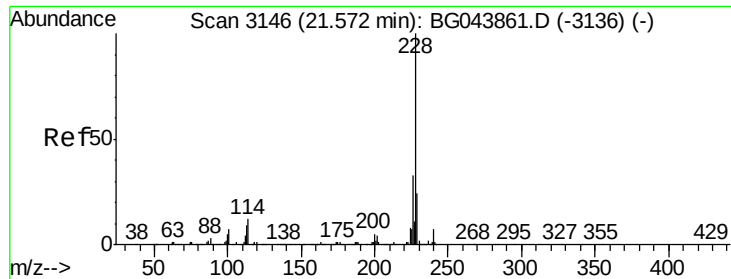


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

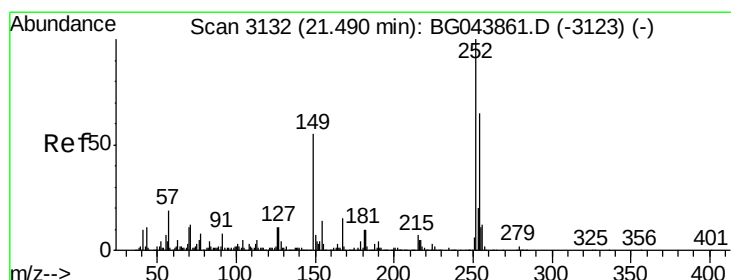
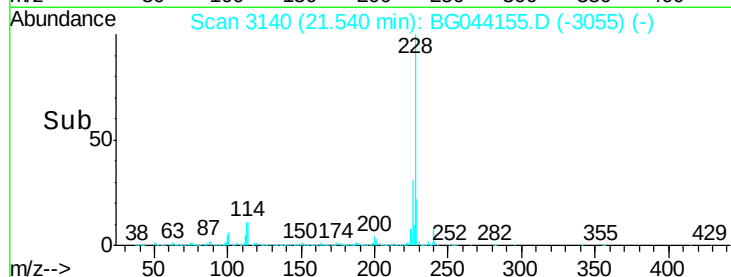
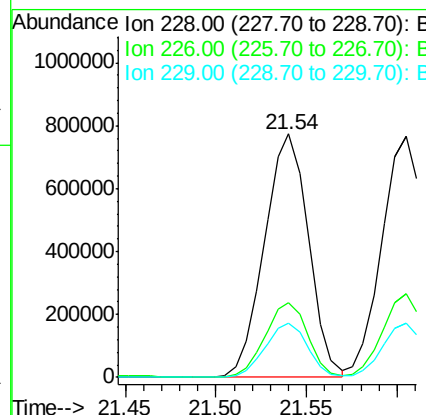
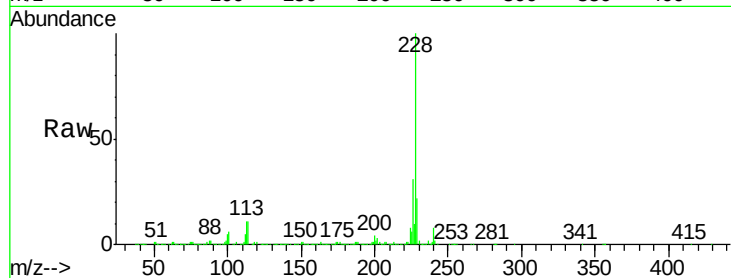




#81
Benzo(a)anthracene
Concen: 42.553 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

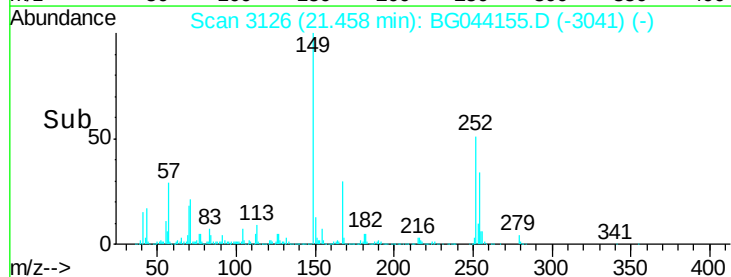
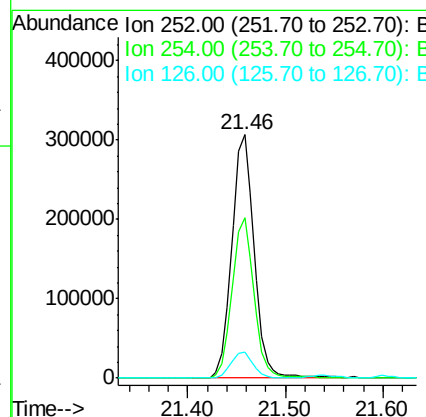
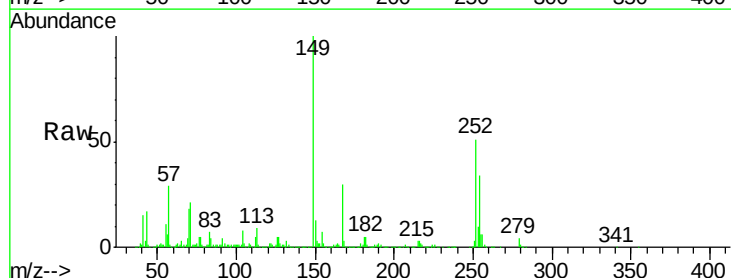
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

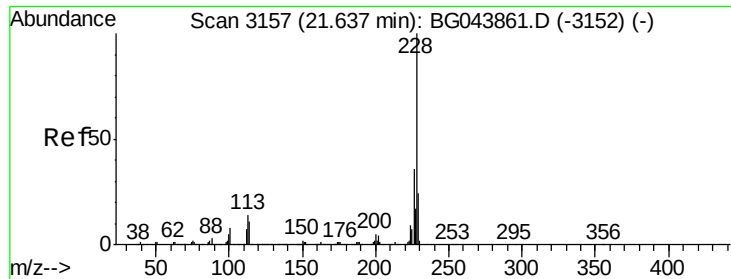
Tot Ion:228 Resp: 1307008
Ion Ratio Lower Upper
228 100
226 30.9 26.2 39.4
229 22.3 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 40.284 ng
RT: 21.46 min Scan# 3126
Delta R.T. -0.03 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion:252 Resp: 488832
Ion Ratio Lower Upper
252 100
254 66.1 52.1 78.1
126 10.6 9.1 13.7





#83

Chrysene

Concen: 43.252 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.03 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

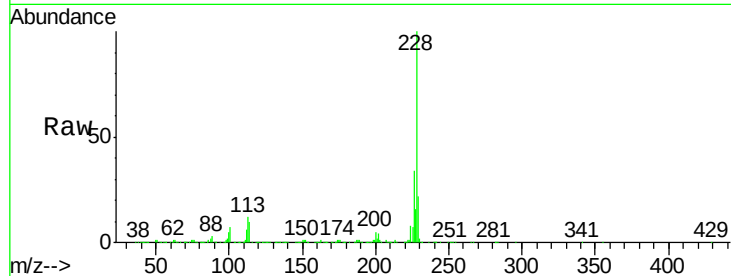
Tot Ion:228 Resp: 1262301

Ion	Ratio	Lower	Upper
228	100		
226	34.5	28.8	43.2
229	22.2	19.0	28.6

228 100

226 34.5 28.8 43.2

229 22.2 19.0 28.6

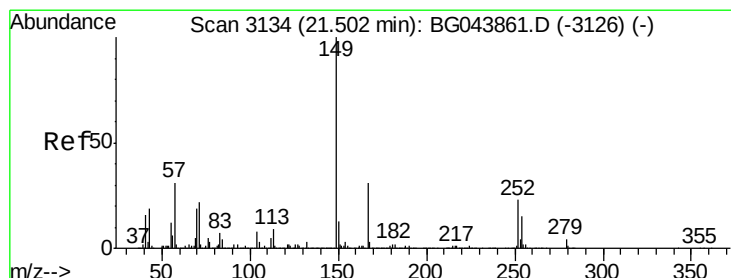
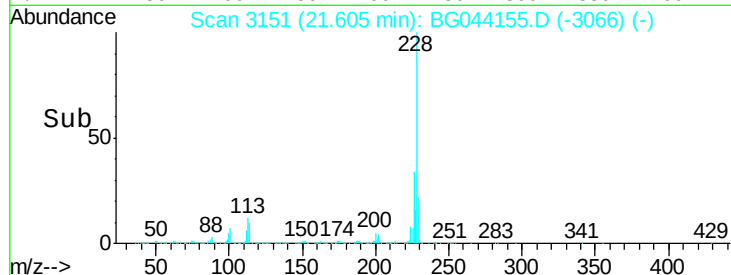
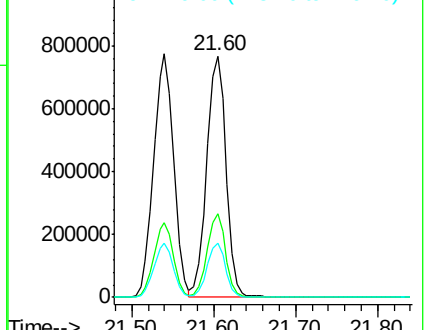


Abundance

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: 41.886 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.04 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

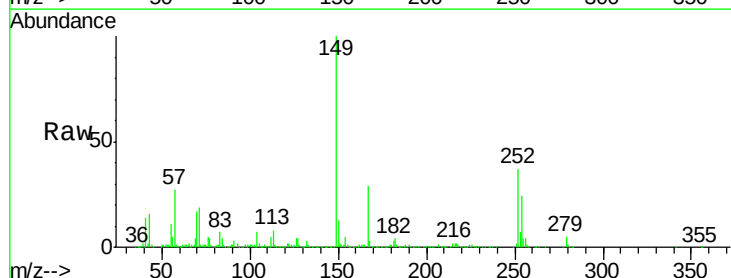
Tgt Ion:149 Resp: 889663

Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.7	37.1
279	4.5	3.3	4.9

149 100

167 29.2 24.7 37.1

279 4.5 3.3 4.9

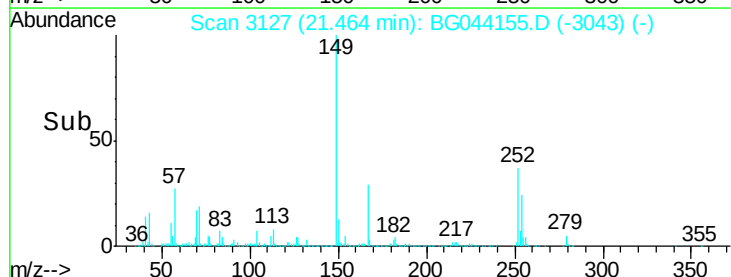
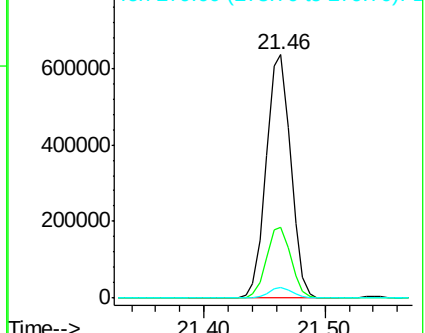


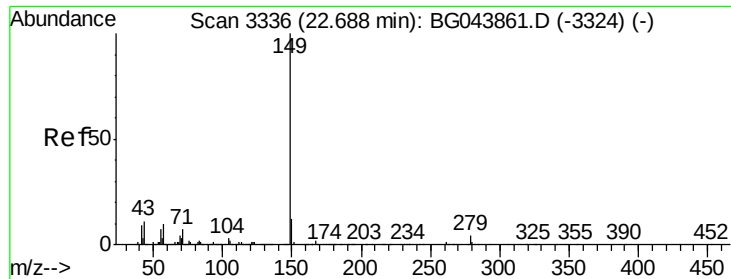
Abundance

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

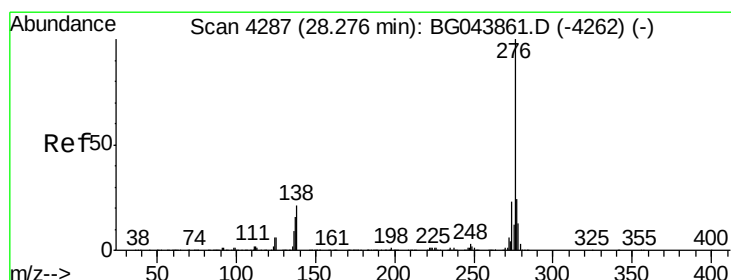
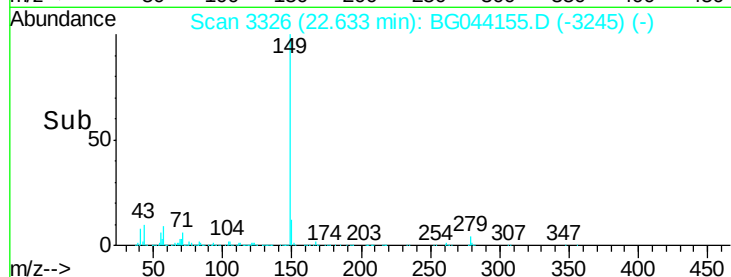
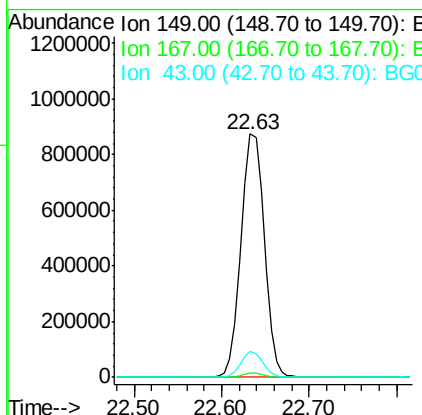
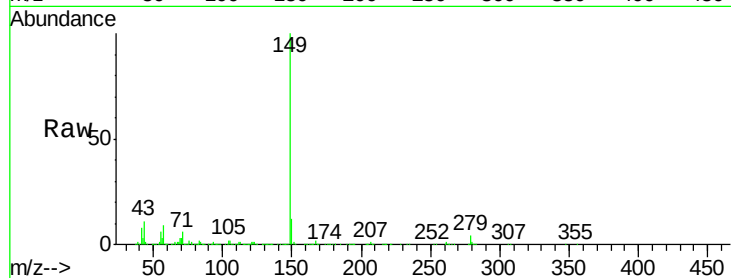




#85
Di-n-octyl phthalate
Concen: 43.769 ng
RT: 22.63 min Scan# 3326
Delta R.T. -0.06 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

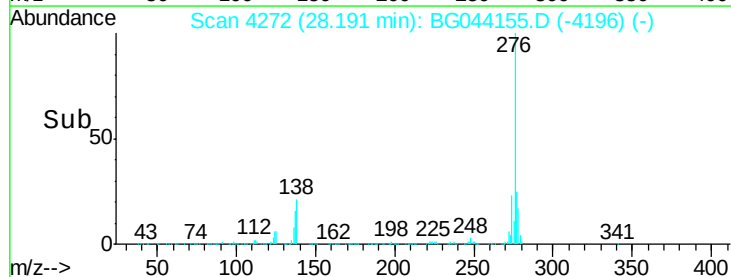
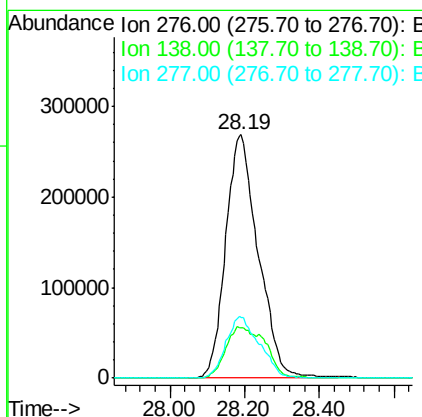
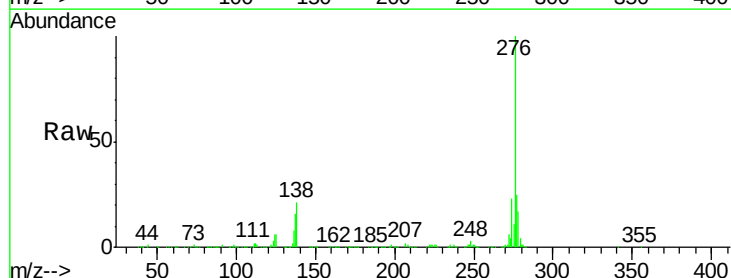
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

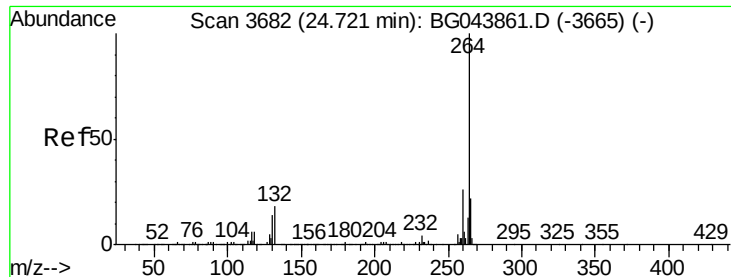
Tot Ion:149 Resp: 1562892
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.1 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.013 ng
RT: 28.19 min Scan# 4272
Delta R.T. -0.08 min
Lab File: BG044155.D
Acq: 22 Jan 2020 13:06

Tgt Ion:276 Resp: 1626687
Ion Ratio Lower Upper
276 100
138 25.8 21.0 31.4
277 26.1 21.1 31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

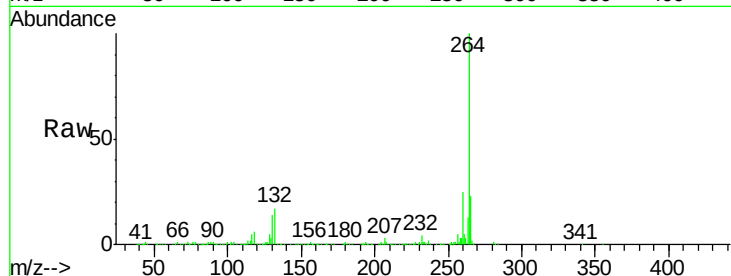
Tot Ion:264 Resp: 569981

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

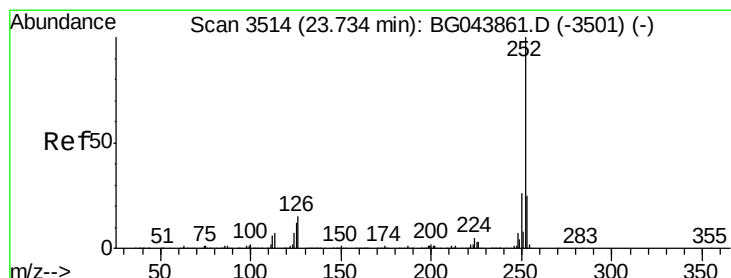
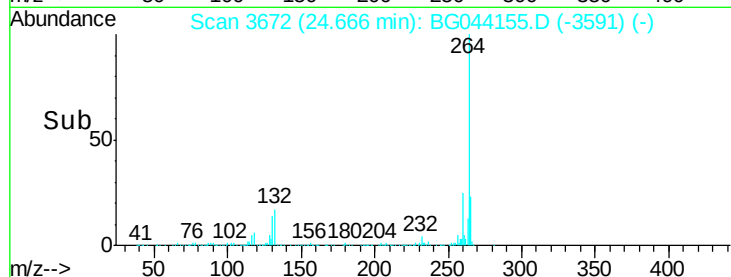
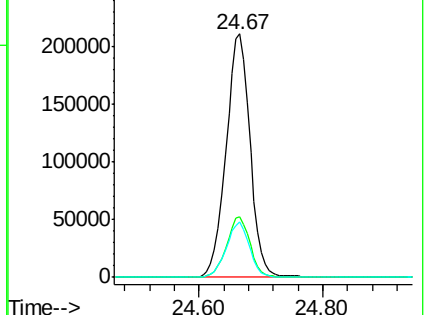
265 22.9 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.738 ng

RT: 23.68 min Scan# 3505

Delta R.T. -0.05 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

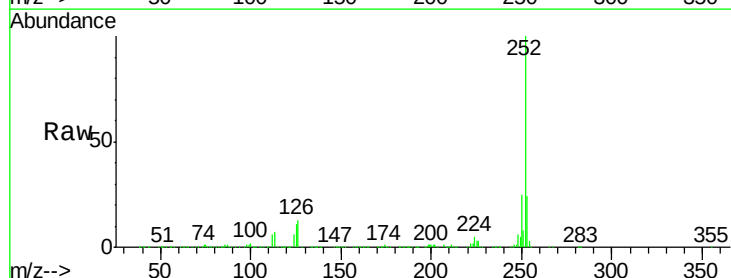
Tgt Ion:252 Resp: 1372693

Ion Ratio Lower Upper

252 100

253 24.0 19.7 29.5

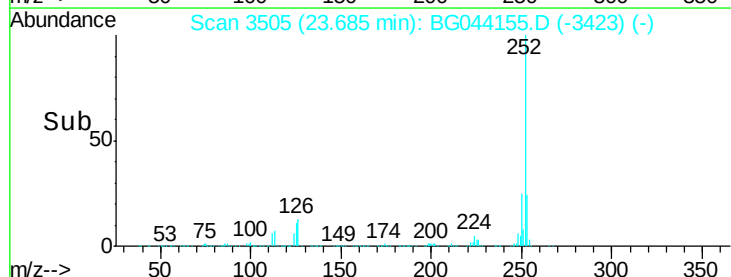
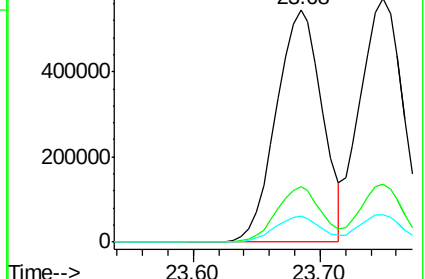
125 11.2 9.4 14.2

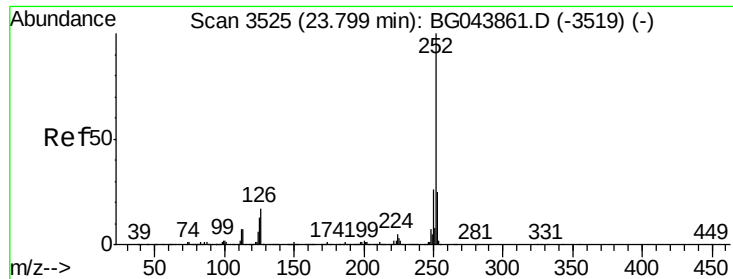


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.458 ng

RT: 23.75 min Scan# 3516

Delta R.T. -0.05 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

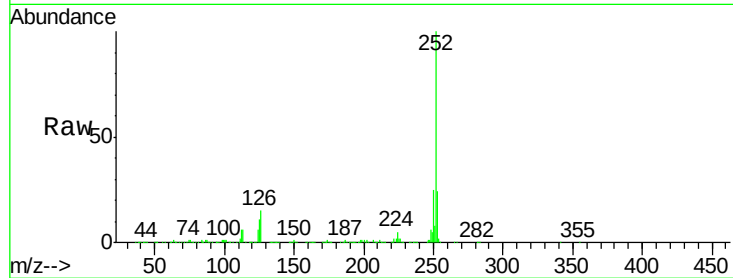
Tot Ion:252 Resp: 1360449

Ion Ratio Lower Upper

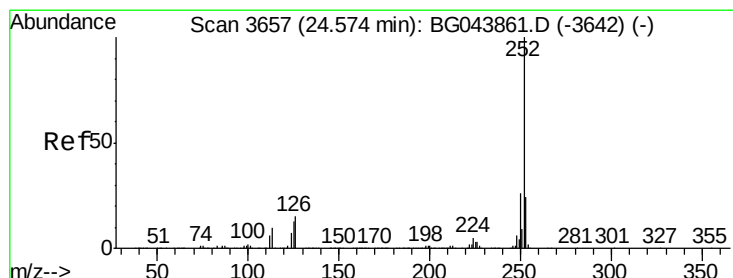
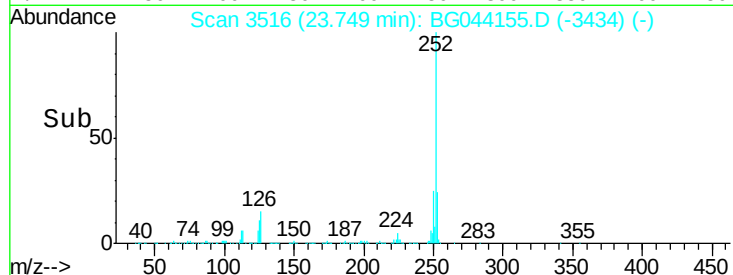
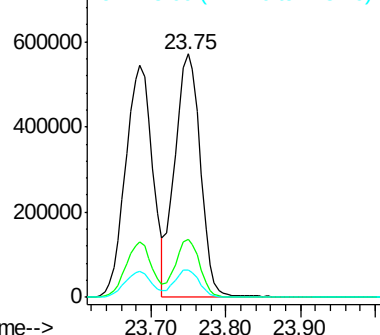
252 100

253 23.8 19.4 29.2

125 11.0 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.460 ng

RT: 24.52 min Scan# 3647

Delta R.T. -0.06 min

Lab File: BG044155.D

Acq: 22 Jan 2020 13:06

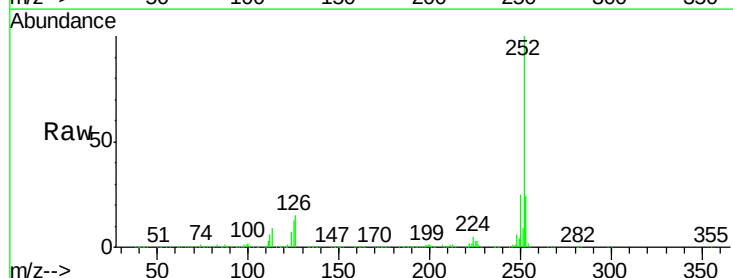
Tgt Ion:252 Resp: 1318538

Ion Ratio Lower Upper

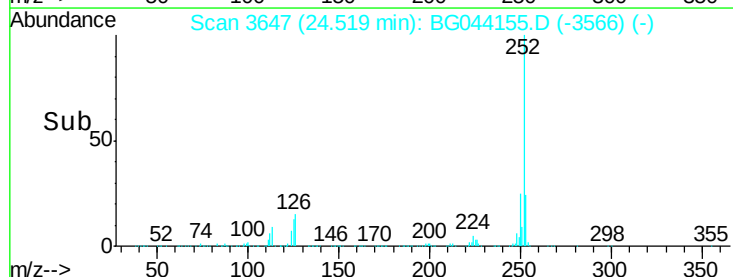
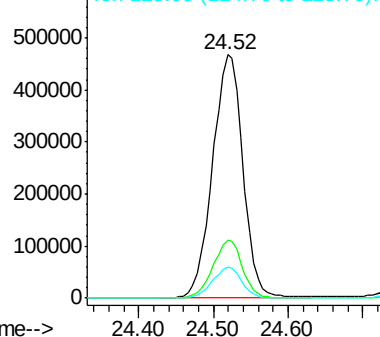
252 100

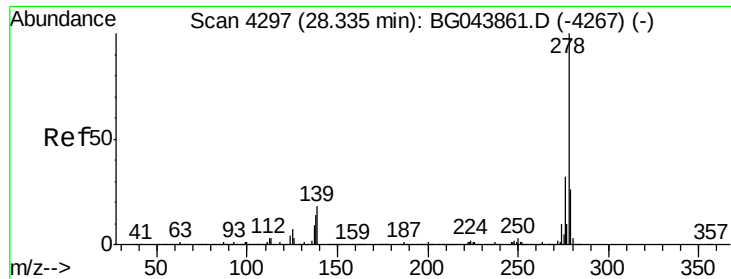
253 23.9 19.3 28.9

125 12.6 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

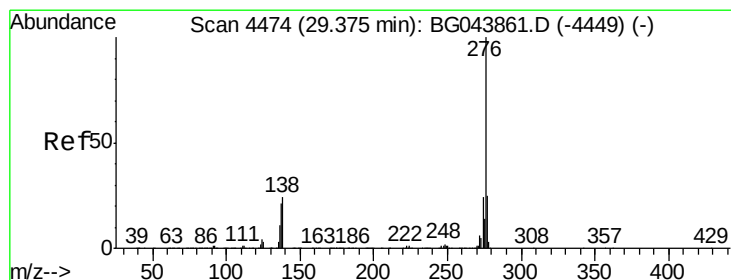
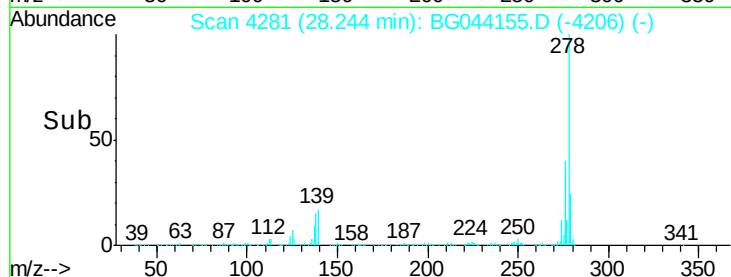
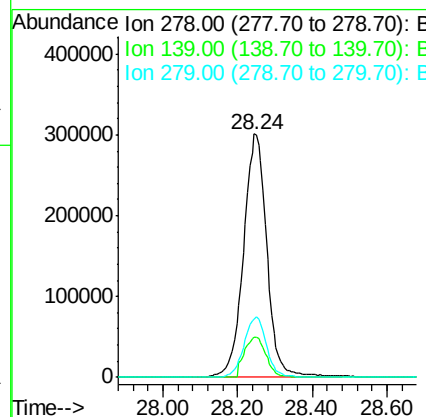
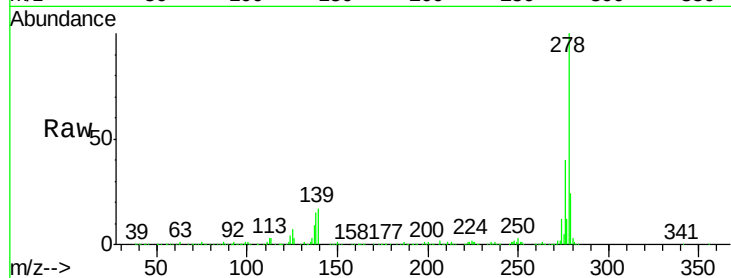




#91
 Dibenzo(a,h)anthracene
 Concen: 41.119 ng
 RT: 28.24 min Scan# 4281
 Delta R.T. -0.09 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:278 Resp: 1313329
 Ion Ratio Lower Upper
 278 100
 139 16.7 14.2 21.4
 279 24.0 20.6 30.8



#92
 Benzo(g,h,i)perylene
 Concen: 41.577 ng
 RT: 29.29 min Scan# 4459
 Delta R.T. -0.08 min
 Lab File: BG044155.D
 Acq: 22 Jan 2020 13:06

Tgt Ion:276 Resp: 1319064
 Ion Ratio Lower Upper
 276 100
 277 24.4 20.2 30.4
 138 22.1 19.0 28.6

