

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051478.D
 Acq On : 11 Dec 2021 12:17
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 11 23:05:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 23:03:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.184	152	26759	20.00	ng	0.00
21) Naphthalene-d8	11.010	136	117987	20.00	ng	# 0.00
39) Acenaphthene-d10	14.817	164	81943	20.00	ng	0.00
64) Phenanthrene-d10	17.573	188	186242	20.00	ng	# 0.00
76) Chrysene-d12	21.874	240	159989	20.00	ng	# 0.00
86) Perylene-d12	25.276	264	162433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	137122	79.21	ng	0.00
7) Phenol-d6	7.361	99	197827	81.14	ng	0.00
23) Nitrobenzene-d5	9.371	82	218696	84.61	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	65056	74.70	ng	0.00
45) 2-Fluorobiphenyl	13.437	172	415828	76.57	ng	0.00
79) Terphenyl-d14	20.158	244	693276	79.22	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.566	88	30908	42.58	ng	91
3) Pyridine	3.989	79	88319	40.90	ng	# 92
4) n-Nitrosodimethylamine	3.901	42	42535	45.81	ng	# 45
6) Aniline	7.514	93	114789	39.63	ng	97
8) 2-Chlorophenol	7.755	128	72304	39.80	ng	89
9) Benzaldehyde	7.326	77	60405	34.24	ng	90
10) Phenol	7.391	94	101890	40.71	ng	84
11) bis(2-Chloroethyl)ether	7.596	93	81388	43.01	ng	88
12) 1,3-Dichlorobenzene	8.072	146	77855	40.06	ng	96
13) 1,4-Dichlorobenzene	8.219	146	80083	39.74	ng	95
14) 1,2-Dichlorobenzene	8.542	146	75917	39.72	ng	93
15) Benzyl Alcohol	8.437	79	86901	44.61	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.707	45	120309	43.99	ng	90
17) 2-Methylphenol	8.648	107	68141	40.33	ng	# 88
18) Hexachloroethane	9.265	117	31537	41.88	ng	93
19) n-Nitroso-di-n-propyla...	8.995	70	75548	41.98	ng	# 88
20) 3+4-Methylphenols	8.977	107	95720	39.75	ng	93
22) Acetophenone	9.024	105	129033	40.48	ng	# 96
24) Nitrobenzene	9.412	77	107043	42.70	ng	92
25) Isophorone	9.929	82	192193	41.30	ng	# 95
26) 2-Nitrophenol	10.129	139	45324	39.94	ng	# 91
27) 2,4-Dimethylphenol	10.182	122	66189	39.52	ng	92
28) bis(2-Chloroethoxy)met...	10.405	93	112030	40.43	ng	94
29) 2,4-Dichlorophenol	10.681	162	73180	38.71	ng	92
30) 1,2,4-Trichlorobenzene	10.875	180	82502	38.86	ng	92
31) Naphthalene	11.063	128	248398	39.90	ng	99
32) Benzoic acid	10.376	122	36887	32.79	ng	83
33) 4-Chloroaniline	11.192	127	103709	38.76	ng	94
34) Hexachlorobutadiene	11.322	225	50082	38.20	ng	95
35) Caprolactam	11.991	113	18564	36.77	ng	# 76
36) 4-Chloro-3-methylphenol	12.309	107	90667	38.85	ng	# 90
37) 2-Methylnaphthalene	12.655	142	171830	38.96	ng	93
38) 1-Methylnaphthalene	12.873	142	167402	38.87	ng	92
40) 1,2,4,5-Tetrachloroben...	13.020	216	96774	38.86	ng	97
41) Hexachlorocyclopentadiene	12.978	237	47374	70.02	ng	92

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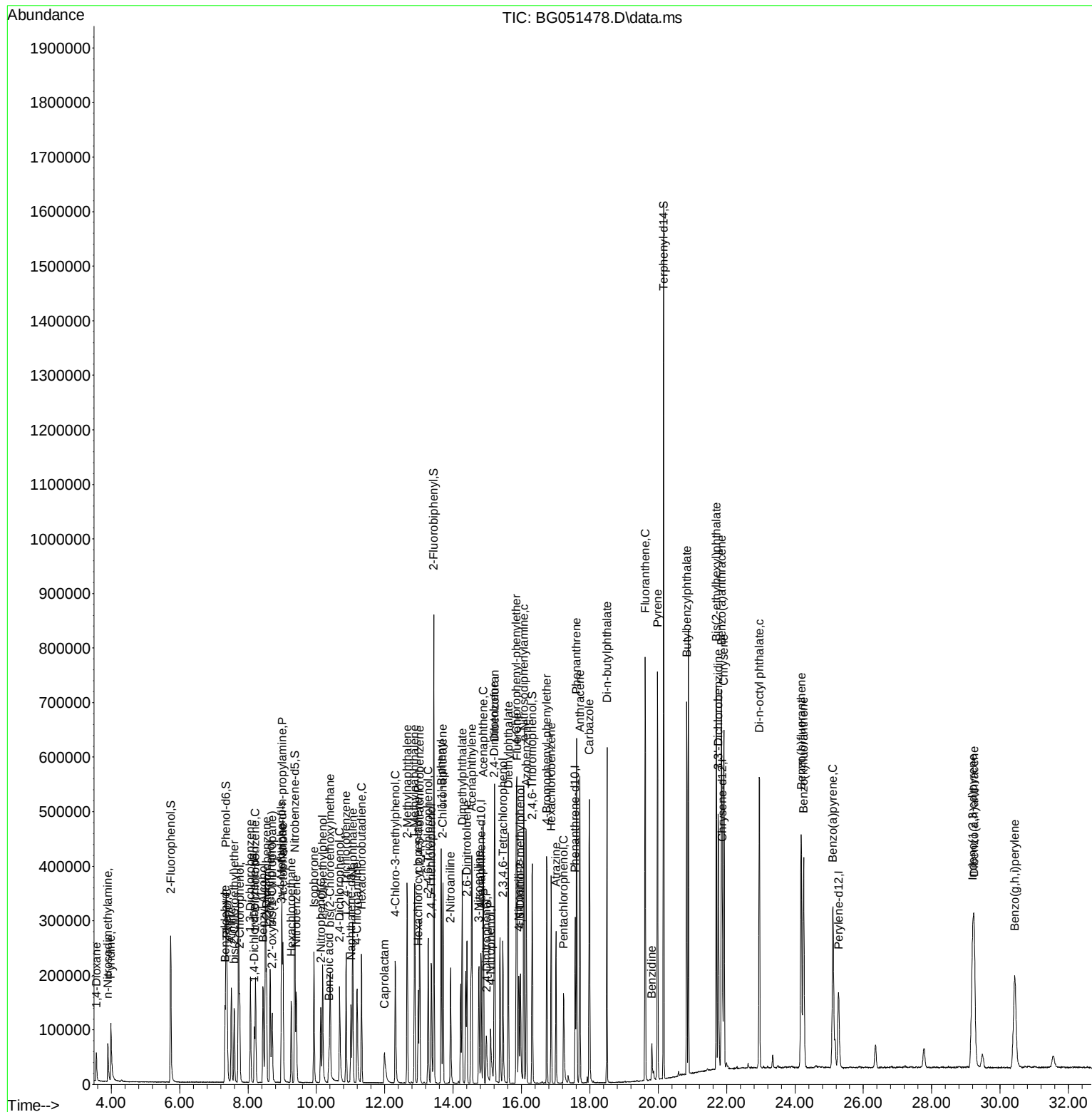
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.272	196	68416	39.84	ng	92
44) 2,4,5-Trichlorophenol	13.360	196	68586	36.96	ng	88
46) 1,1'-Biphenyl	13.654	154	229000	38.88	ng	95
47) 2-Chloronaphthalene	13.701	162	181576	38.94	ng	96
48) 2-Nitroaniline	13.924	65	71929	42.68	ng	92
49) Acenaphthylene	14.547	152	290228	39.04	ng	96
50) Dimethylphthalate	14.265	163	248520	39.37	ng	99
51) 2,6-Dinitrotoluene	14.406	165	52783	40.03	ng	# 82
52) Acenaphthene	14.882	154	170749	39.35	ng	93
53) 3-Nitroaniline	14.753	138	57587	38.99	ng	88
54) 2,4-Dinitrophenol	14.976	184	26606	38.09	ng	88
55) Dibenzofuran	15.217	168	289080	38.36	ng	97
56) 4-Nitrophenol	15.099	139	36203	34.84	ng	# 77
57) 2,4-Dinitrotoluene	15.205	165	74449	39.42	ng	94
58) Fluorene	15.869	166	229943	38.86	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.458	232	61309	38.48	ng	# 97
60) Diethylphthalate	15.617	149	266182	39.98	ng	96
61) 4-Chlorophenyl-phenyle...	15.846	204	125709	38.86	ng	96
62) 4-Nitroaniline	15.922	138	56886	36.01	ng	# 65
63) Azobenzene	16.139	77	280474	42.07	ng	82
65) 4,6-Dinitro-2-methylph...	15.969	198	48507	43.61	ng	90
66) n-Nitrosodiphenylamine	16.069	169	206908	38.71	ng	95
67) 4-Bromophenyl-phenylether	16.745	248	77315	38.38	ng	94
68) Hexachlorobenzene	16.868	284	76711	37.47	ng	# 91
69) Atrazine	17.009	200	51982	36.57	ng	96
70) Pentachlorophenol	17.232	266	39640	42.59	ng	98
71) Phenanthrene	17.614	178	393301	39.29	ng	98
72) Anthracene	17.708	178	387137	38.98	ng	98
73) Carbazole	17.984	167	380259	38.93	ng	99
74) Di-n-butylphthalate	18.501	149	465436	39.36	ng	# 97
75) Fluoranthene	19.618	202	479640	38.87	ng	95
77) Benzidine	19.812	184	60994	23.22	ng	97
78) Pyrene	19.982	202	481446	41.49	ng	98
80) Butylbenzylphthalate	20.834	149	203868	41.21	ng	99
81) Benzo(a)anthracene	21.850	228	434158	39.79	ng	99
82) 3,3'-Dichlorobenzidine	21.756	252	185048	37.95	ng	# 98
83) Chrysene	21.921	228	413224	40.34	ng	97
84) Bis(2-ethylhexyl)phtha...	21.703	149	282385	40.98	ng	97
85) Di-n-octyl phthalate	22.955	149	479281	41.51	ng	99
87) Indeno(1,2,3-cd)pyrene	29.201	276	449261	38.54	ng	# 89
88) Benzo(b)fluoranthene	24.183	252	407986	40.75	ng	# 94
89) Benzo(k)fluoranthene	24.253	252	398458	39.23	ng	# 97
90) Benzo(a)pyrene	25.111	252	346431	39.87	ng	# 95
91) Dibenzo(a,h)anthracene	29.242	278	363796	37.88	ng	# 92
92) Benzo(g,h,i)perylene	30.429	276	363695	38.29	ng	# 89

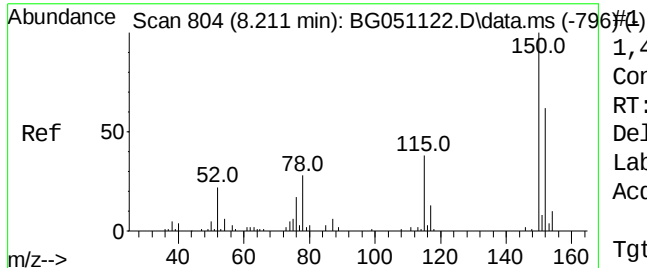
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.184 min Scan#

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

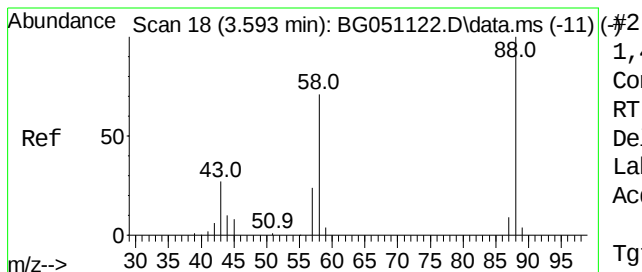
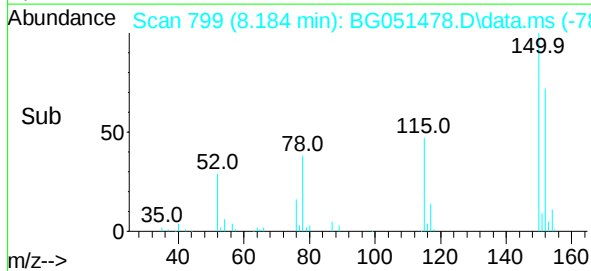
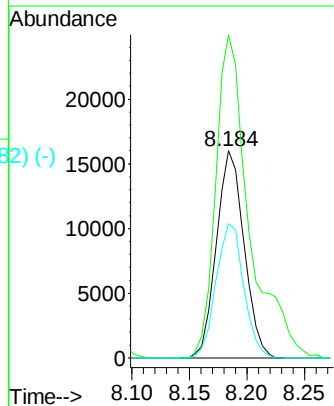
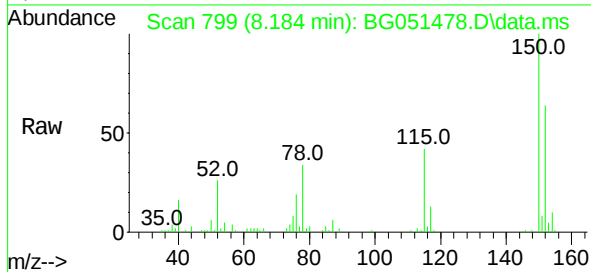
Tgt Ion:152 Resp: 26759

Ion Ratio Lower Upper

152 100

150 156.1 119.4 179.0

115 64.9 60.2 90.4



1,4-Dioxane

Concen: 42.58 ng

RT: 3.566 min Scan# 13

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

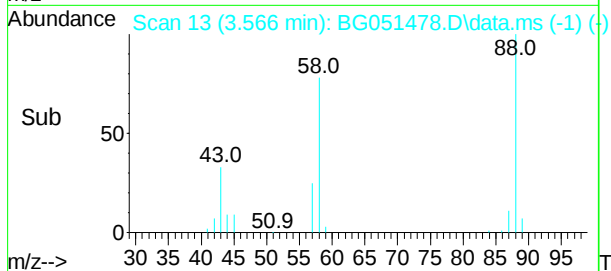
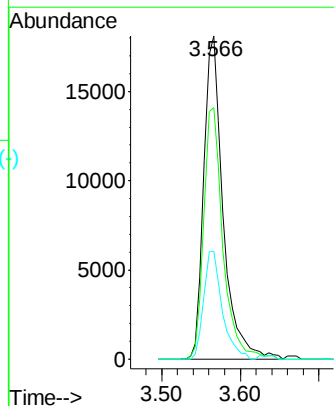
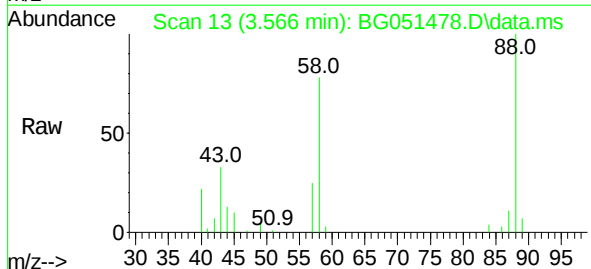
Tgt Ion: 88 Resp: 30908

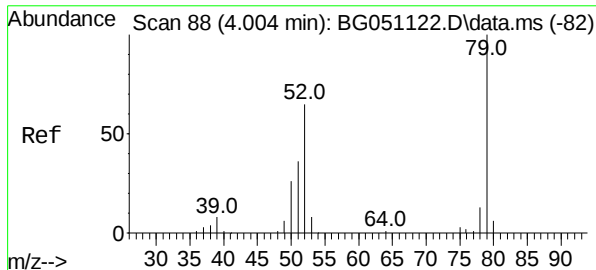
Ion Ratio Lower Upper

88 100

58 77.2 55.7 83.5

43 32.0 29.3 43.9

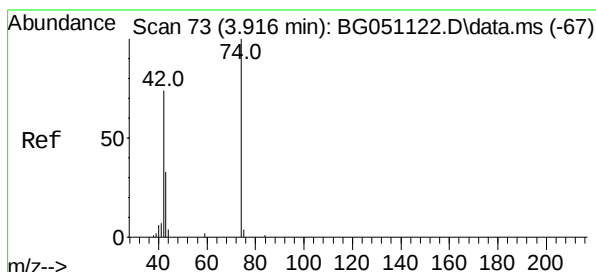
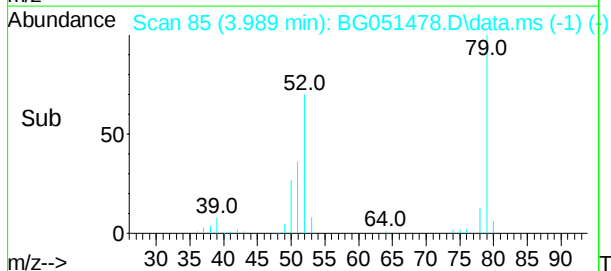
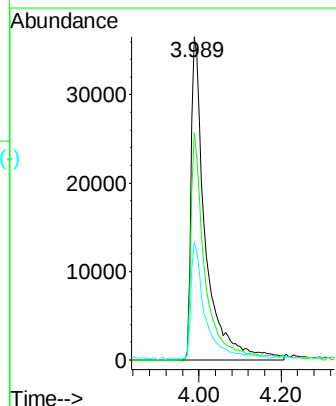
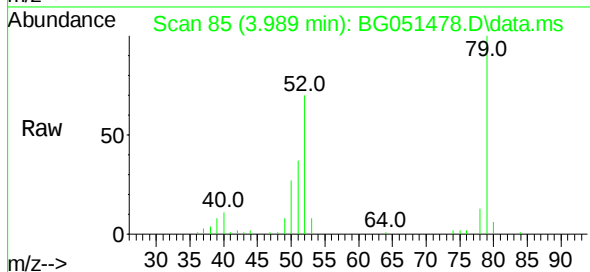




Pyridine
Concen: 40.90 ng
RT: 3.989 min Scan# 88
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

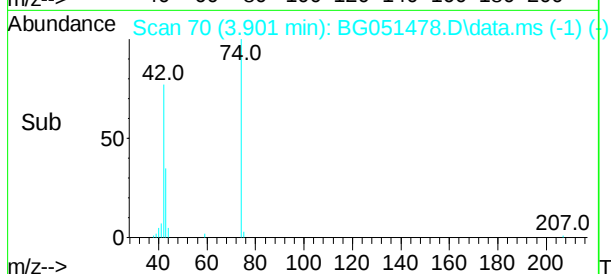
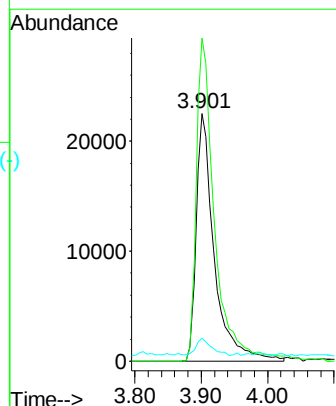
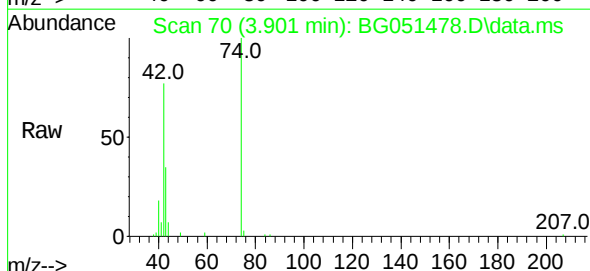
Instrument :
BNA_G
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SSTDCCC040

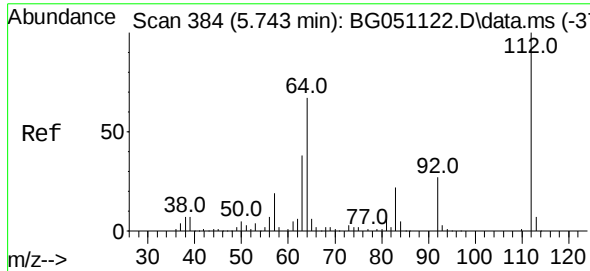
Tgt Ion: 79 Resp: 88319
Ion Ratio Lower Upper
79 100
52 70.3 58.4 87.6
51 36.5 37.0 55.6#



n-Nitrosodimethylamine
Concen: 45.81 ng
RT: 3.901 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Tgt Ion: 42 Resp: 42535
Ion Ratio Lower Upper
42 100
74 130.3 64.0 96.0#
44 9.3 2.7 4.1#





2-Fluorophenol

Concen: 79.21 ng

RT: 5.740 min Scan#

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

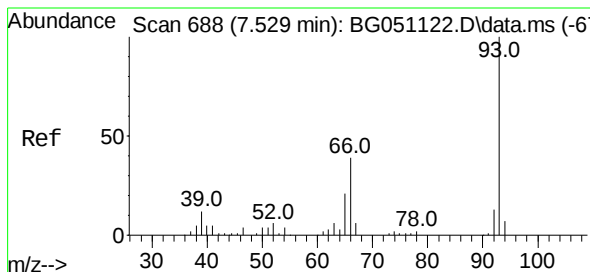
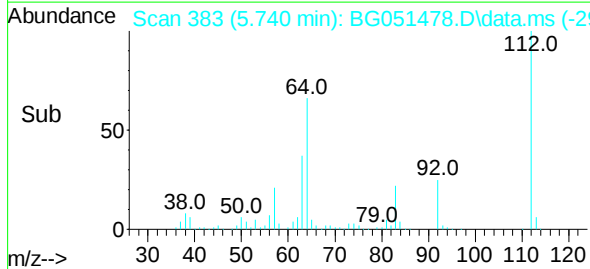
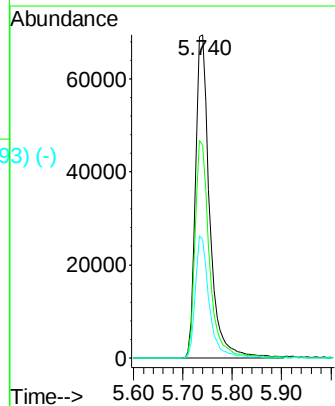
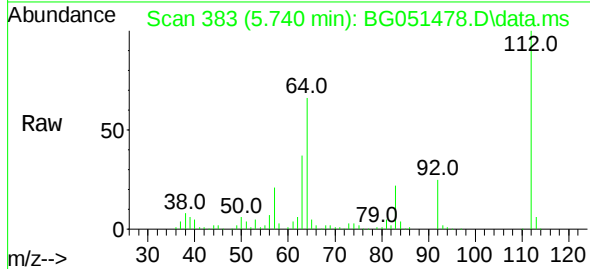
Tgt Ion: 112 Resp: 137122

Ion Ratio Lower Upper

112 100

64 65.7 46.7 70.1

63 36.6 35.3 52.9



Aniline

Concen: 39.63 ng

RT: 7.514 min Scan# 685

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

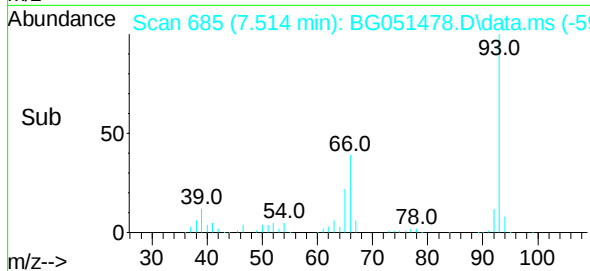
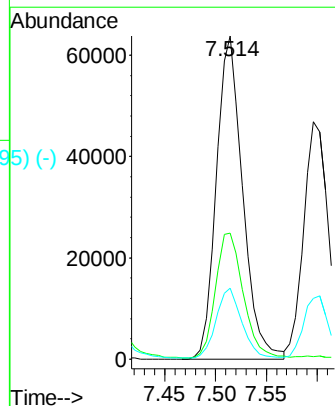
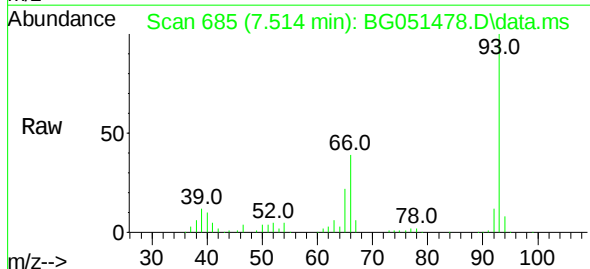
Tgt Ion: 93 Resp: 114789

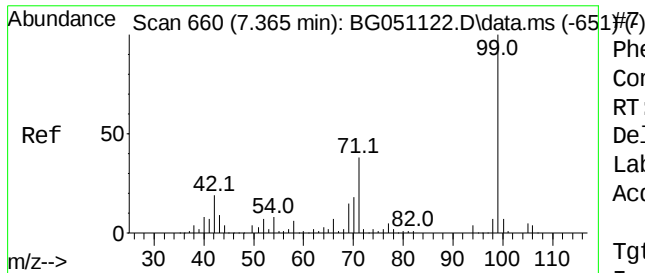
Ion Ratio Lower Upper

93 100

66 39.0 30.6 45.8

65 22.0 15.0 22.4





Phenol-d6

Concen: 81.14 ng

RT: 7.361 min Scan#

Delta R.T. 0.000 min

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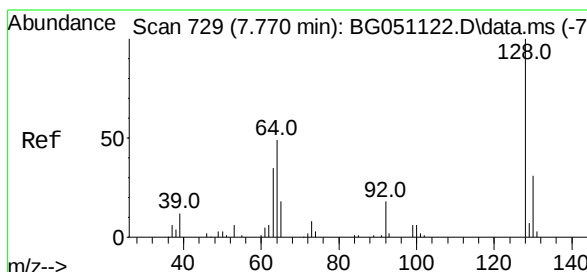
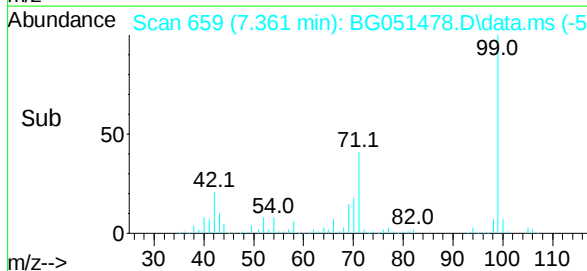
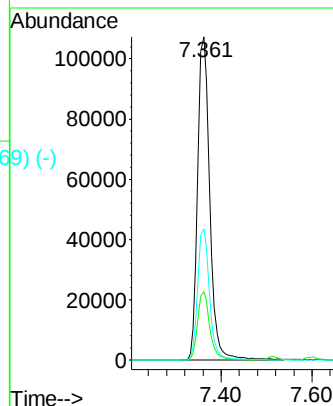
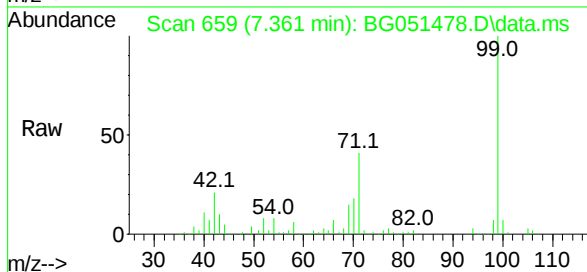
Tgt Ion: 99 Resp: 197827

Ion Ratio Lower Upper

99 100

42 21.1 20.5 30.7

71 40.7 41.5 62.3#



2-Chlorophenol

Concen: 39.80 ng

RT: 7.755 min Scan# 726

Delta R.T. 0.000 min

Lab File: BG051478.D

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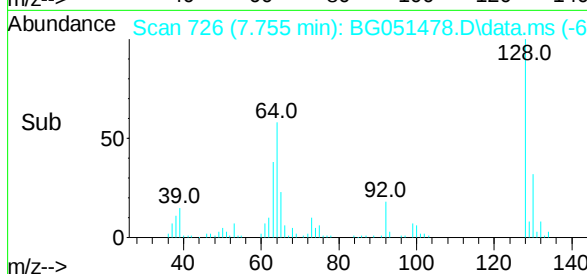
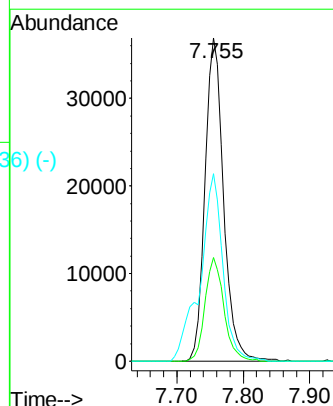
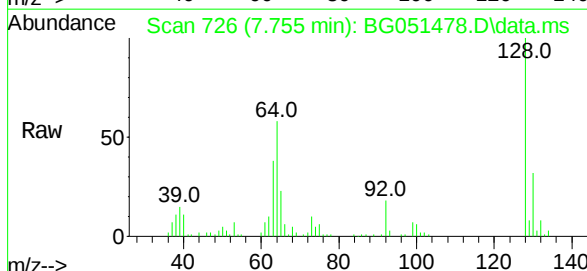
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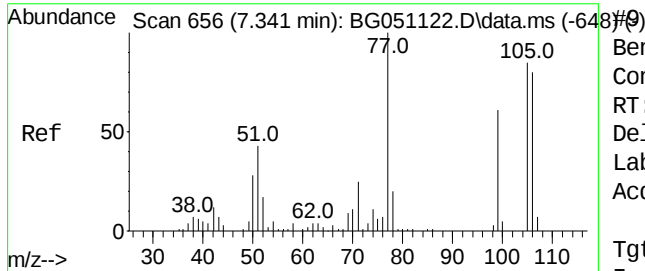
Ion Ratio Lower Upper

128 100

130 32.1 10.0 50.0

64 58.1 28.1 68.1





Benzaldehyde

Concen: 34.24 ng

RT: 7.326 min Scan#

Delta R.T. 0.000 min

Lab File: BG051478.D

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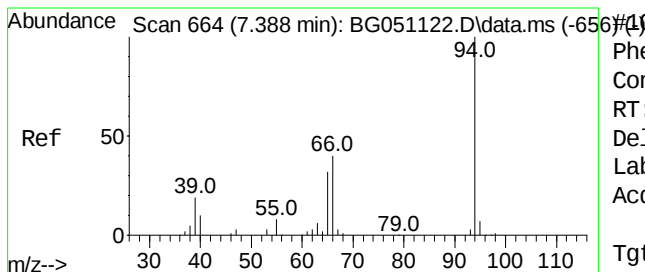
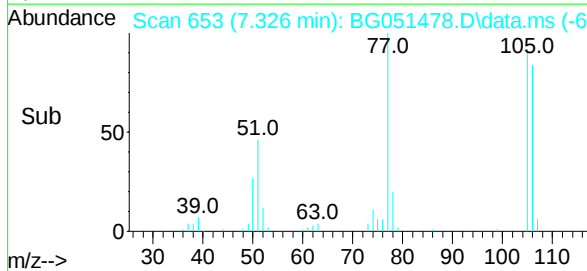
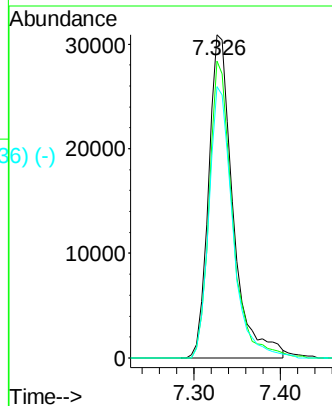
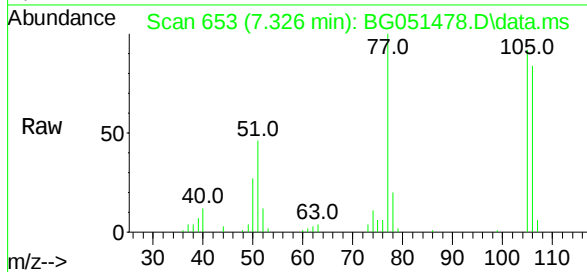
Tgt Ion: 77 Resp: 60405

Ion Ratio Lower Upper

77 100

105 91.9 68.8 108.8

106 83.9 47.9 87.9



Phenol

Concen: 40.71 ng

RT: 7.391 min Scan# 664

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

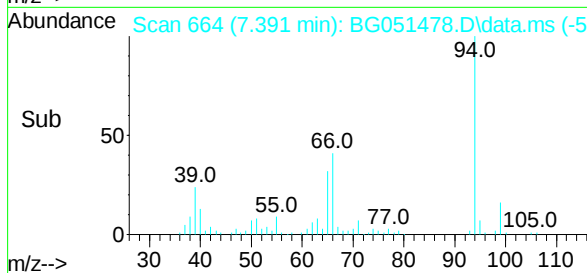
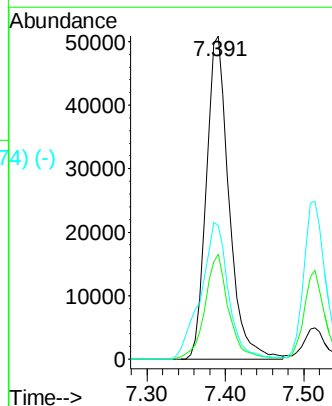
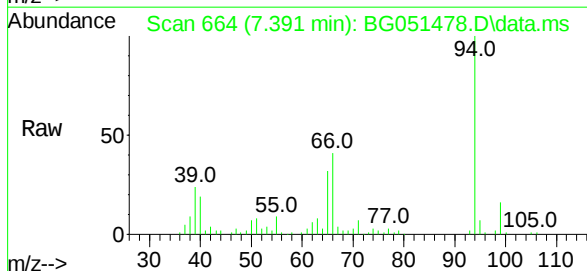
Tgt Ion: 94 Resp: 101890

Ion Ratio Lower Upper

94 100

65 32.4 12.9 52.9

66 41.3 39.4 79.4



Abundance Scan 703 (7.618 min): BG051122.D\data.ms (-696) #11

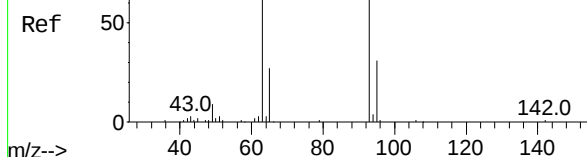
bis(2-Chloroethyl)ether
Concen: 43.01 ng
RT: 7.596 min Scan# 699
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Instrument :

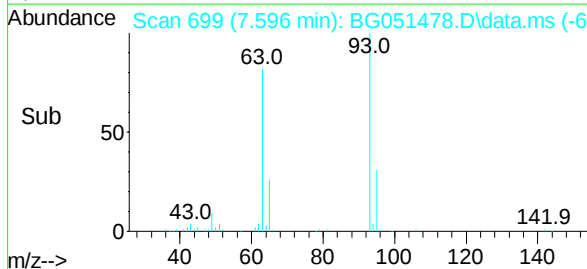
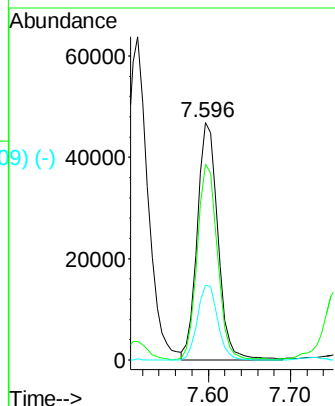
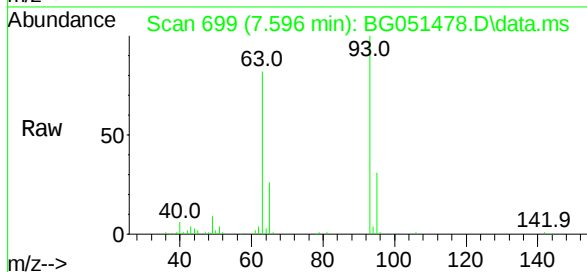
BNA_G

ClientSampleId :

SSTDCCC040



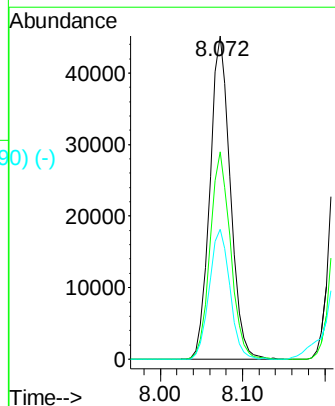
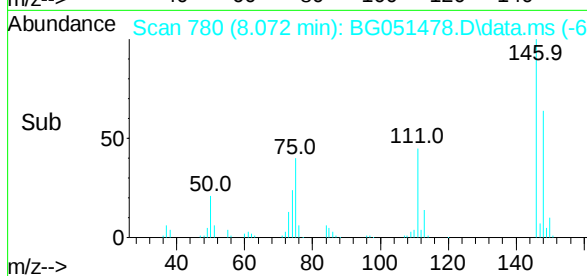
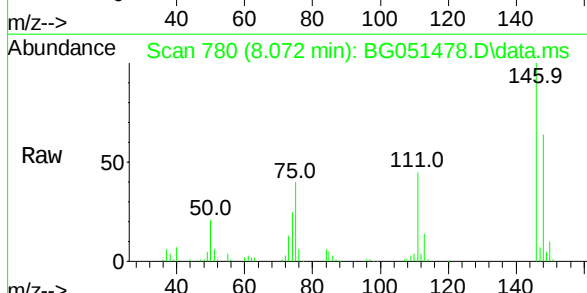
Tgt Ion:	93	Resp:	81388
Ion	Ratio	Lower	Upper
93	100		
63	82.3	50.4	90.4
95	31.4	15.3	55.3



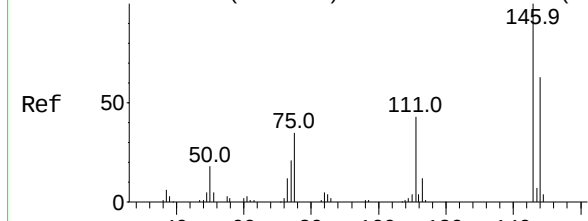
Abundance Scan 785 (8.099 min): BG051122.D\data.ms (-777) #12

1,3-Dichlorobenzene
Concen: 40.06 ng
RT: 8.072 min Scan# 780
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Tgt Ion:	146	Resp:	77855
Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.6	78.8
75	40.2	35.7	53.5



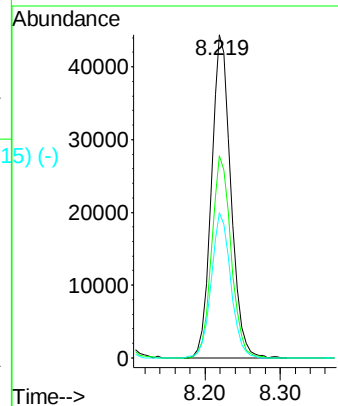
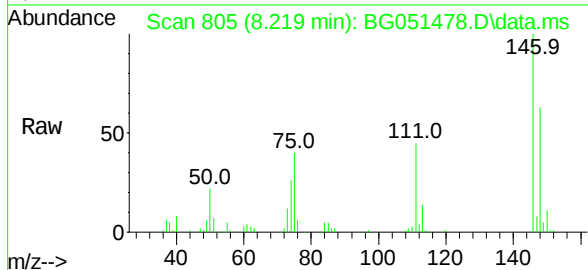
Abundance Scan 810 (8.246 min): BG051122.D\data.ms (-802) #13



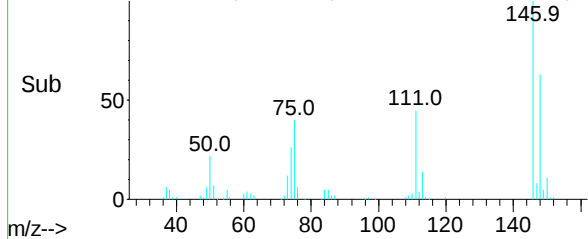
1,4-Dichlorobenzene
Concen: 39.74 ng
RT: 8.219 min Scan# 810
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

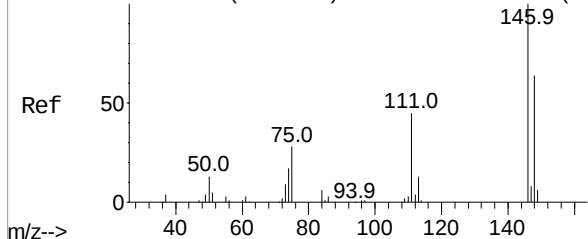
Tgt Ion:	146	Resp:	80083
Ion	Ratio	Lower	Upper
146	100		
148	62.6	54.0	81.0
111	44.8	34.3	51.5



Abundance Scan 805 (8.219 min): BG051478.D\data.ms (-715) (-)

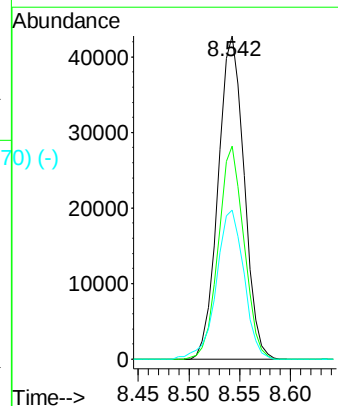
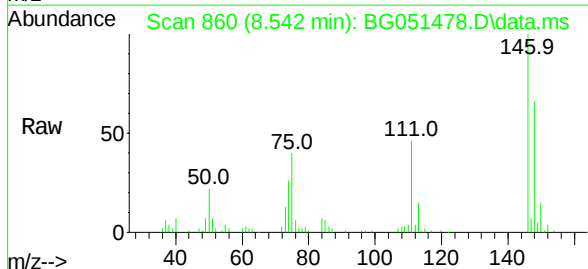


Abundance Scan 864 (8.563 min): BG051122.D\data.ms (-857) #14

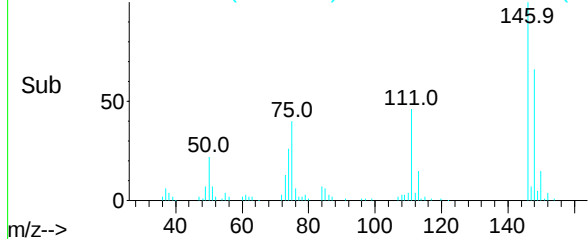


1,2-Dichlorobenzene
Concen: 39.72 ng
RT: 8.542 min Scan# 860
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Tgt Ion:	146	Resp:	75917
Ion	Ratio	Lower	Upper
146	100		
148	65.9	47.5	71.3
111	46.1	39.1	58.7



Abundance Scan 860 (8.542 min): BG051478.D\data.ms (-770) (-)



Abundance Scan 844 (8.446 min): BG051122.D\data.ms (-836) #15

Benzyl Alcohol

Concen: 44.61 ng

RT: 8.437 min Scan# 844

Delta R.T. 0.000 min

Lab File: BG051478.D

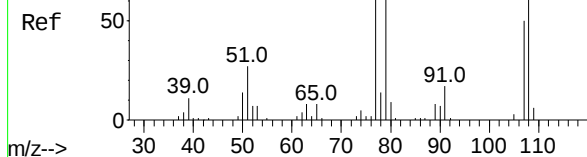
Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



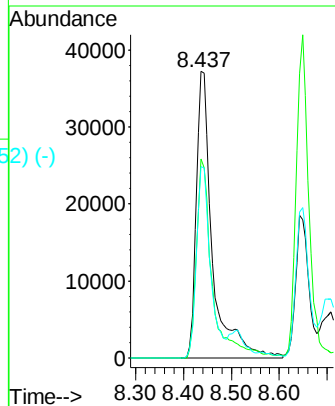
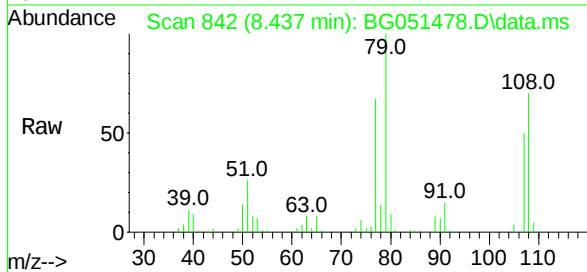
Tgt Ion: 79 Resp: 86901

Ion Ratio Lower Upper

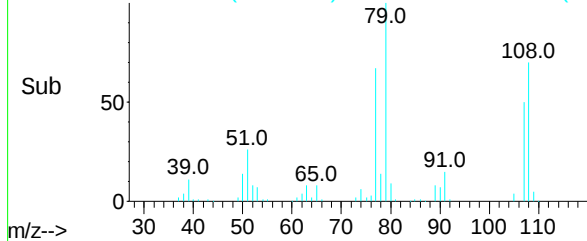
79 100

108 69.5 48.2 72.4

77 66.8 57.3 85.9



Abundance Scan 842 (8.437 min): BG051478.D\data.ms (-752) (-)



Abundance Scan 892 (8.728 min): BG051122.D\data.ms (-883) #16

2,2'-oxybis(1-Chloropropane)

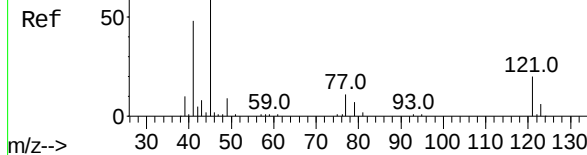
Concen: 43.99 ng

RT: 8.707 min Scan# 888

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17



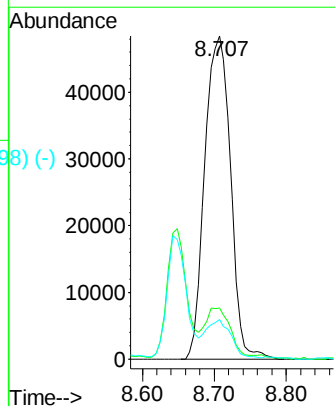
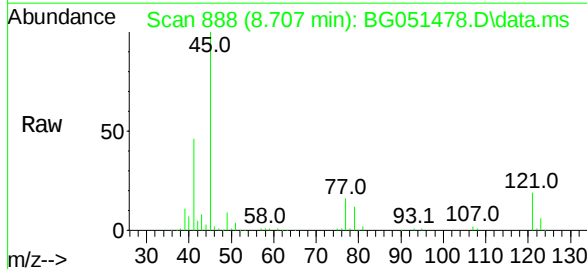
Tgt Ion: 45 Resp: 120309

Ion Ratio Lower Upper

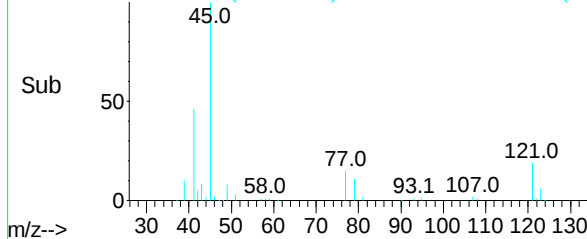
45 100

77 15.8 2.2 42.2

79 12.3 0.0 34.3



Abundance Scan 888 (8.707 min): BG051478.D\data.ms (-798) (-)



Abundance Scan 879 (8.652 min): BG051122.D\data.ms (-869) #17

2-Methylphenol

Concen: 40.33 ng

RT: 8.648 min Scan# 879

Delta R.T. 0.000 min

Lab File: BG051478.D

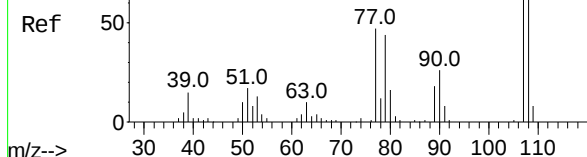
Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 68141

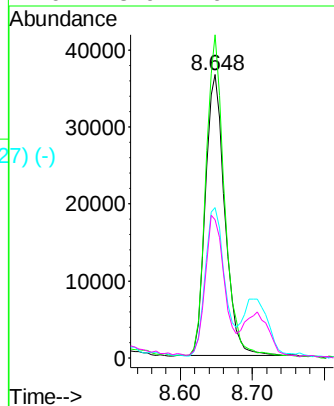
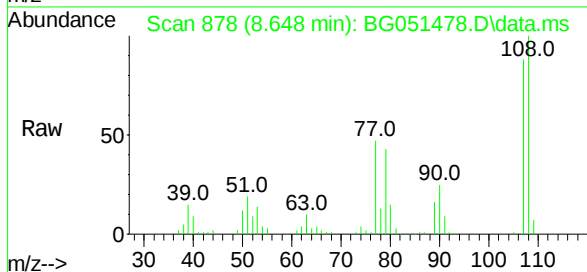
Ion Ratio Lower Upper

107 100

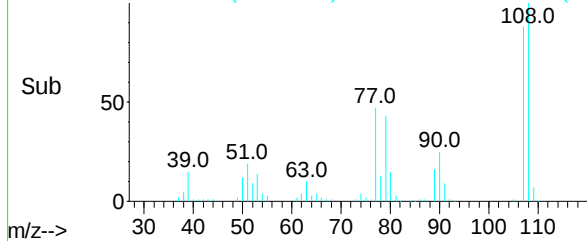
108 114.1 84.6 127.0

77 53.1 50.7 76.1

79 48.9 49.4 74.0#



Abundance Scan 878 (8.648 min): BG051478.D\data.ms (-827) (-)



Abundance Scan 989 (9.298 min): BG051122.D\data.ms (-981) #18

Hexachloroethane

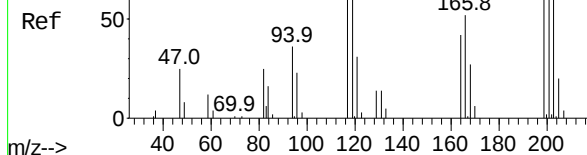
Concen: 41.88 ng

RT: 9.265 min Scan# 983

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17



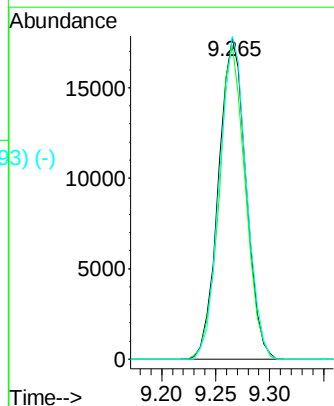
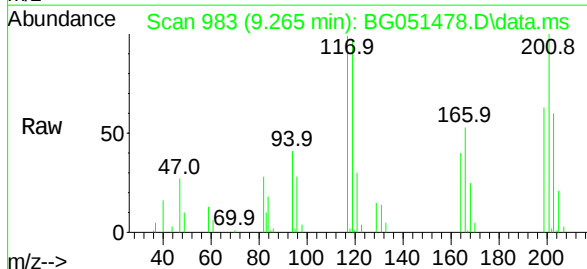
Tgt Ion:117 Resp: 31537

Ion Ratio Lower Upper

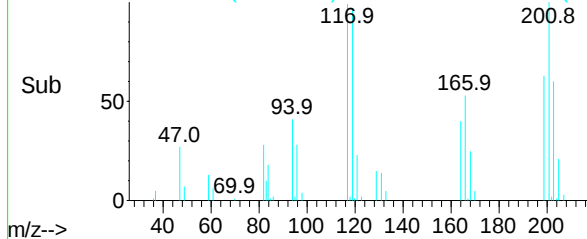
117 100

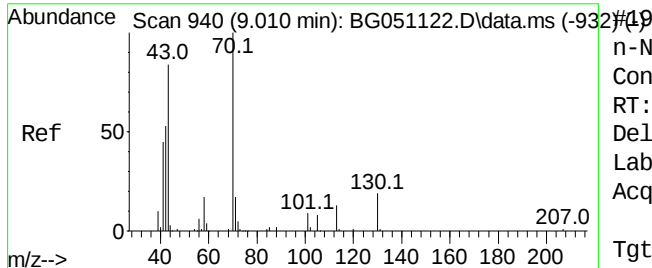
119 97.8 74.4 111.6

201 100.7 88.6 133.0



Abundance Scan 983 (9.265 min): BG051478.D\data.ms (-893) (-)

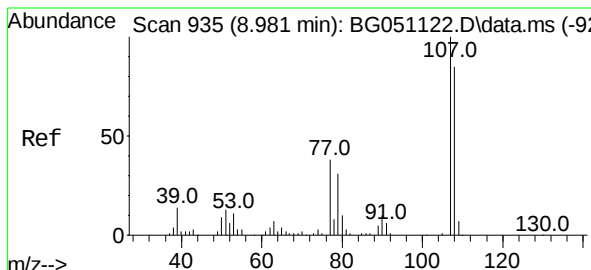
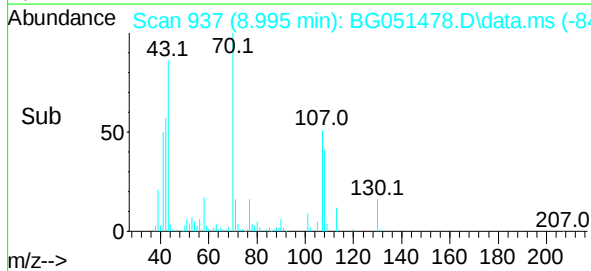
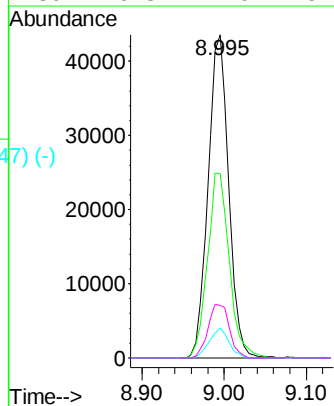
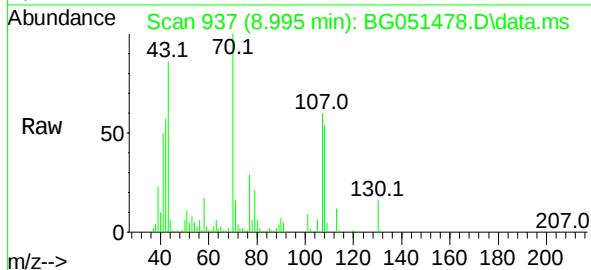




n-Nitroso-di-n-propylamine
 Concen: 41.98 ng
 RT: 8.995 min Scan# 937
 Delta R.T. 0.000 min
 Lab File: BG051478.D
 Acq: 11 Dec 2021 12:17

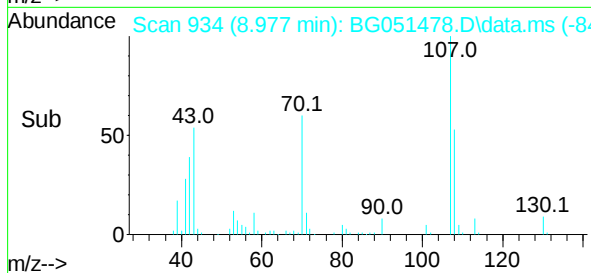
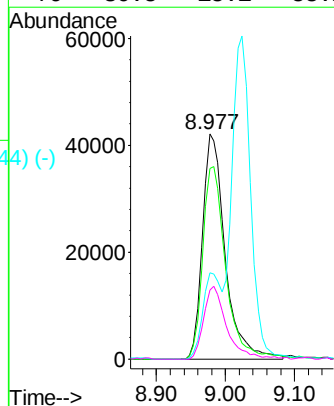
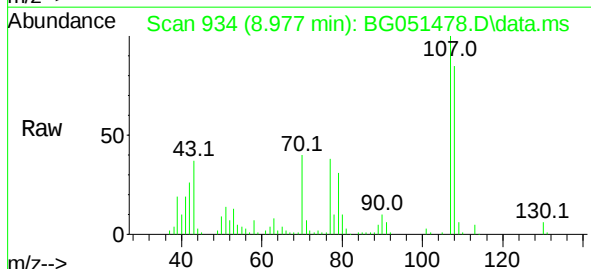
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	70	Resp:	75548
Ion	Ratio	Lower	Upper
70	100		
42	56.9	54.5	81.7
101	9.2	9.0	13.6
130	16.3	17.0	25.6#



3+4-Methylphenols
 Concen: 39.75 ng
 RT: 8.977 min Scan# 934
 Delta R.T. 0.000 min
 Lab File: BG051478.D
 Acq: 11 Dec 2021 12:17

Tgt Ion:	107	Resp:	95720
Ion	Ratio	Lower	Upper
107	100		
108	84.6	69.3	109.3
77	38.3	25.2	65.2
79	30.5	15.1	55.1



Abundance Scan 1285 (11.037 min): BG051122.D\data.ms (-1725) (-)

Naphthalene-d8

Concen: 20.00 ng

RT: 11.010 min Scan# 11725

Delta R.T. 0.000 min

Lab File: BG051478.D

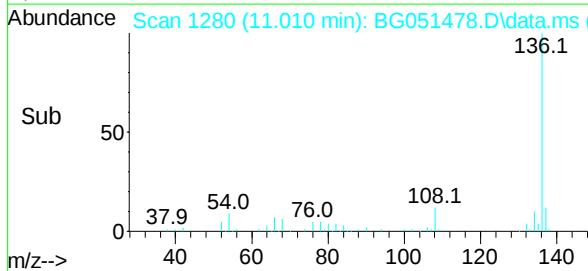
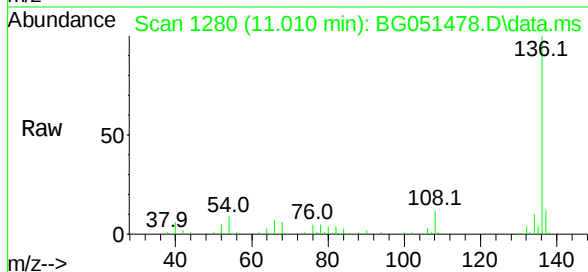
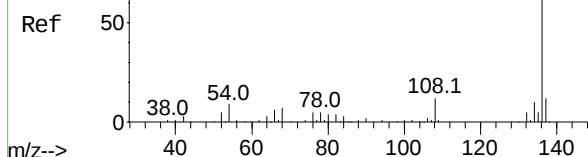
Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 117987

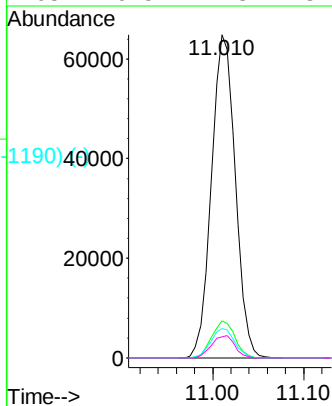
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.2

54 9.0 5.5 8.3#

68 6.5 2.3 3.5#



Abundance Scan 945 (9.039 min): BG051122.D\data.ms (-938) (-)

Acetophenone

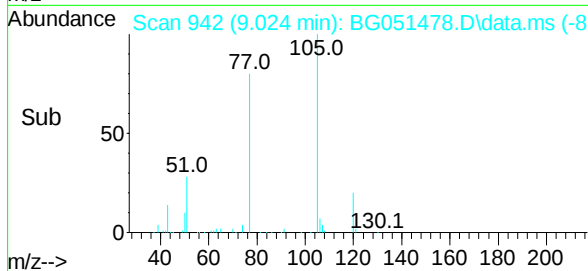
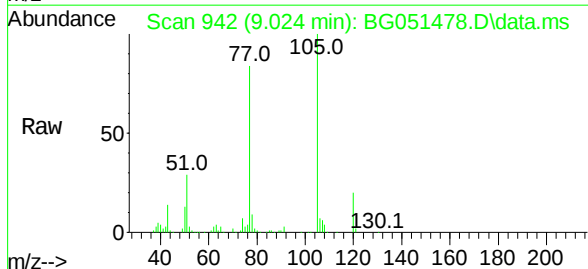
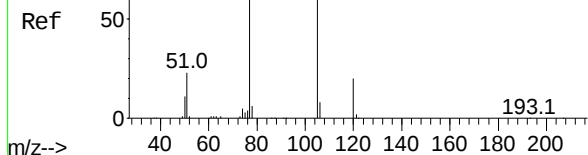
Concen: 40.48 ng

RT: 9.024 min Scan# 942

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17



Tgt Ion:105 Resp: 129033

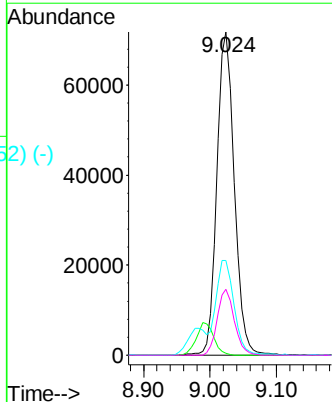
Ion Ratio Lower Upper

105 100

71 0.5 0.6 0.8#

51 29.3 26.6 40.0

120 20.4 16.2 24.4



Abundance Scan 1004 (9.386 min): BG051122.D\data.ms (-99623)

Nitrobenzene-d5

Concen: 84.61 ng

RT: 9.371 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 218696

Ion Ratio Lower Upper

82 100

128 38.6 29.8 44.6

54 48.6 45.8 68.8

Abundance Scan 1001 (9.371 min): BG051478.D\data.ms

Ref

50

40.0 54.0 68.0 82.1 98.1 112.1 128.0

m/z-->

Abundance Scan 1001 (9.371 min): BG051478.D\data.ms

Raw

50

40.0 54.0 68.1 82.1 98.1 112.1 128.0

m/z-->

Abundance Scan 1001 (9.371 min): BG051478.D\data.ms (-911) (-)

Sub

50

40.0 54.0 68.1 82.1 98.1 112.1 128.0

m/z-->

Abundance

100000

50000

0

9.30 9.40 9.50

Time-->

Abundance Scan 1011 (9.427 min): BG051122.D\data.ms (-99624)

Nitrobenzene

Concen: 42.70 ng

RT: 9.412 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Tgt Ion: 77 Resp: 107043

Ion Ratio Lower Upper

77 100

123 39.8 27.5 41.3

65 13.8 12.6 18.8

Abundance Scan 1008 (9.412 min): BG051478.D\data.ms

Ref

50

37.0 51.0 77.0 93.0 107.1 123.0

m/z-->

Abundance Scan 1008 (9.412 min): BG051478.D\data.ms

Raw

50

37.0 51.0 77.0 93.0 107.0 123.0

m/z-->

Abundance Scan 1008 (9.412 min): BG051478.D\data.ms (-918) (-)

Sub

50

37.0 51.0 77.0 93.0 107.0 123.0

m/z-->

Abundance

50000

40000

30000

20000

10000

0

9.30 9.40 9.50

Time-->

Abundance Scan 1099 (9.944 min): BG051122.D\data.ms (-1025-)

Isophorone

Concen: 41.30 ng

RT: 9.929 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 192193

Ion Ratio Lower Upper

82 100

95 7.2 8.5 12.7#

138 15.3 11.8 17.6

Abundance Scan 1096 (9.929 min): BG051478.D\data.ms

Ref 50

39.0 54.0 82.0 110.0 138.1

m/z-->

Abundance Raw

39.0 54.0 82.0 105.0 123.0 138.1

m/z-->

Abundance Scan 1096 (9.929 min): BG051478.D\data.ms (-1006-)

Ref 50

39.0 54.0 82.0 110.0 138.1

m/z-->

Abundance Sub

39.0 54.0 82.0 110.0 138.1

m/z-->

Abundance

100000 9.929

80000

60000

40000

20000

0

Time-->

Abundance Scan 1133 (10.144 min): BG051122.D\data.ms (-1125-)

2-Nitrophenol

Concen: 39.94 ng

RT: 10.129 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Tgt Ion: 139 Resp: 45324

Ion Ratio Lower Upper

139 100

109 37.1 37.8 56.6#

65 61.6 51.8 77.8

Abundance Scan 1130 (10.129 min): BG051478.D\data.ms

Ref 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance Raw

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance Scan 1130 (10.129 min): BG051478.D\data.ms (-1040-)

Ref 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance Sub

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance

20000 10.129

15000

10000

5000

0

Time-->

Abundance Scan 1141 (10.191 min): BG051122.D\data.ms (-125) (-)

2,4-Dimethylphenol

Concen: 39.52 ng

RT: 10.182 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 66189

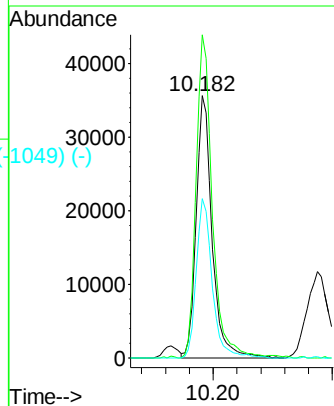
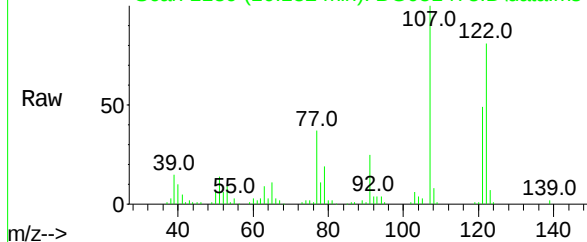
Ion Ratio Lower Upper

122 100

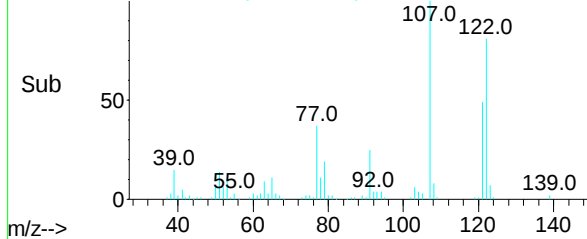
107 123.2 110.1 165.1

121 60.8 49.0 73.6

Abundance Scan 1139 (10.182 min): BG051478.D\data.ms



Abundance Scan 1139 (10.182 min): BG051478.D\data.ms (-1049) (-)



Abundance Scan 1180 (10.420 min): BG051122.D\data.ms (-1128) (-)

bis(2-Chloroethoxy)methane

Concen: 40.43 ng

RT: 10.405 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Tgt Ion: 93 Resp: 112030

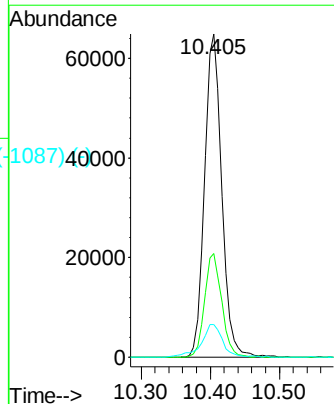
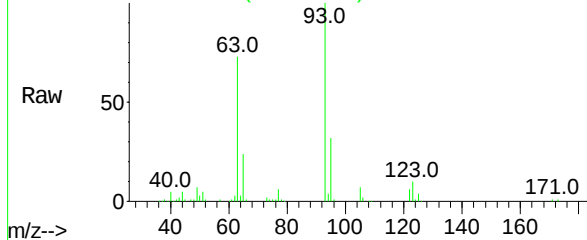
Ion Ratio Lower Upper

93 100

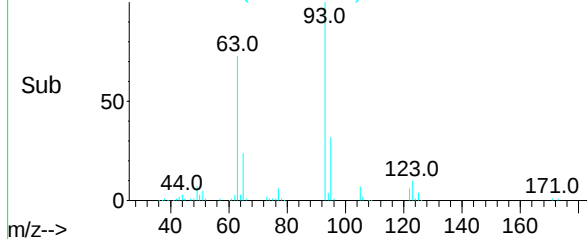
95 32.1 22.2 33.4

123 10.2 8.8 13.2

Abundance Scan 1177 (10.405 min): BG051478.D\data.ms



Abundance Scan 1177 (10.405 min): BG051478.D\data.ms (-1087) (-)



Abundance Scan 1225 (10.685 min): BG051122.D\data.ms (-1225) (-)

2,4-Dichlorophenol

Concen: 38.71 ng

RT: 10.681 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BG051478.D

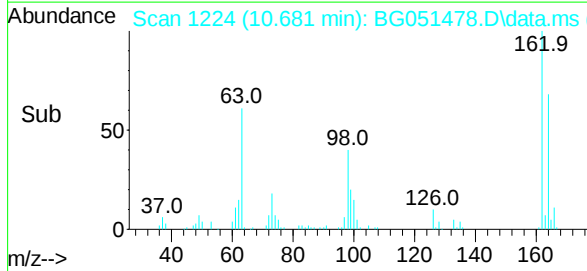
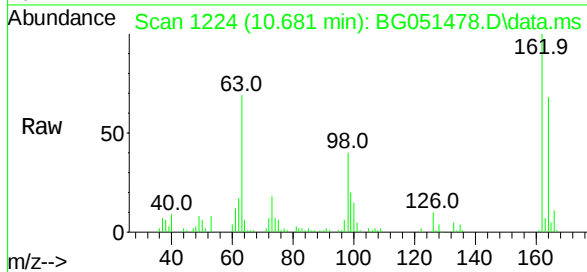
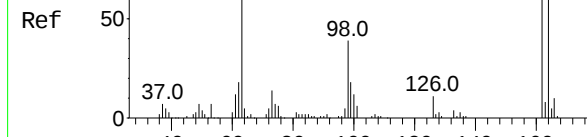
Acq: 11 Dec 2021 12:17

Instrument :

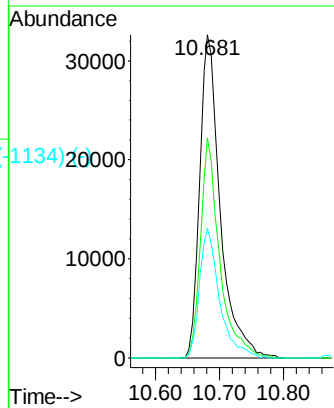
BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:	162	Resp:	73180
Ion	Ratio	Lower	Upper
162	100		
164	68.1	39.4	79.4
98	40.1	18.7	58.7



Abundance Scan 1261 (10.896 min): BG051122.D\data.ms (-1261) (-)

1,2,4-Trichlorobenzene

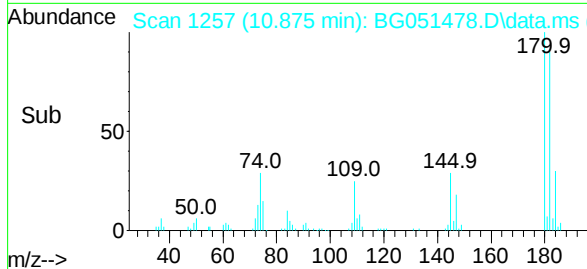
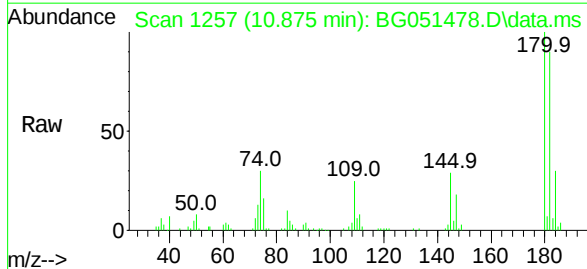
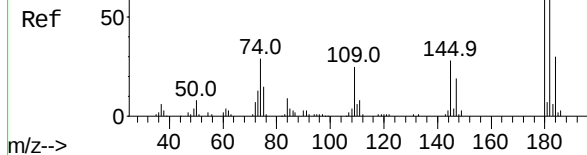
Concen: 38.86 ng

RT: 10.875 min Scan# 1257

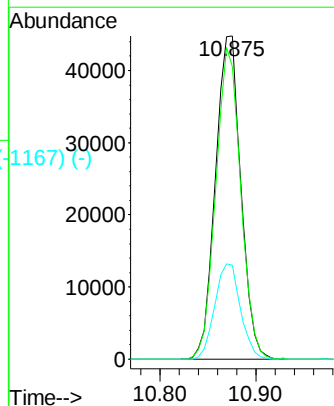
Delta R.T. 0.000 min

Lab File: BG051478.D

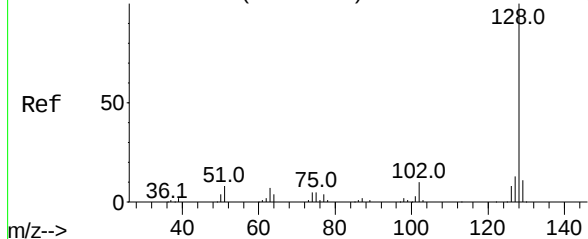
Acq: 11 Dec 2021 12:17



Tgt Ion:	180	Resp:	82502
Ion	Ratio	Lower	Upper
180	100		
182	90.4	78.9	118.3
145	29.0	26.2	39.4



Abundance Scan 1293 (11.084 min): BG051122.D\data.ms (-1283) (-)



Naphthalene

Concen: 39.90 ng

RT: 11.063 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

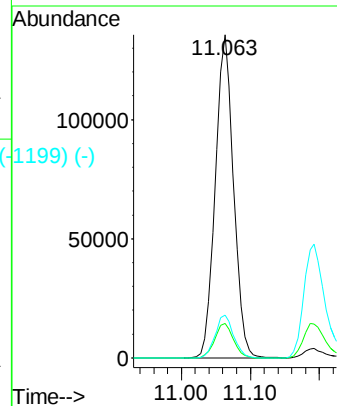
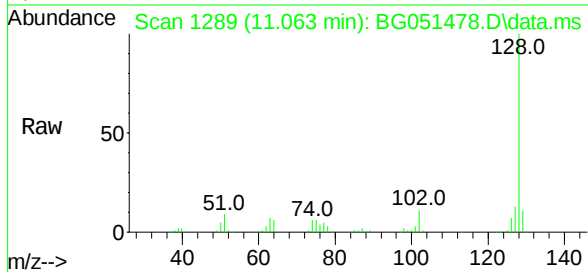
Tgt Ion:128 Resp: 248398

Ion Ratio Lower Upper

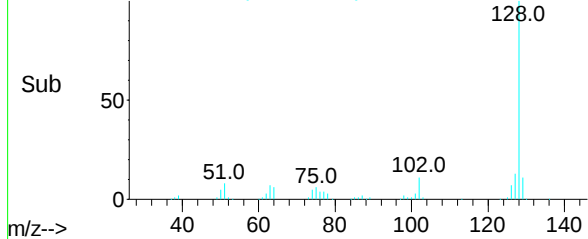
128 100

129 10.7 8.5 12.7

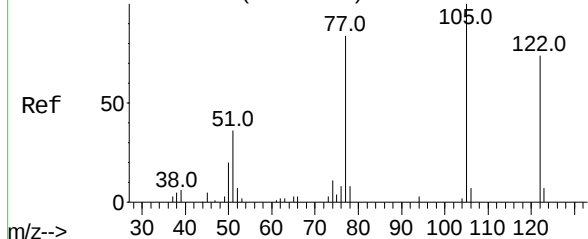
127 13.2 10.2 15.4



Abundance Scan 1289 (11.063 min): BG051478.D\data.ms (-1199) (-)



Abundance Scan 1167 (10.344 min): BG051122.D\data.ms (-1132) (-)



Benzoic acid

Concen: 32.79 ng

RT: 10.376 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

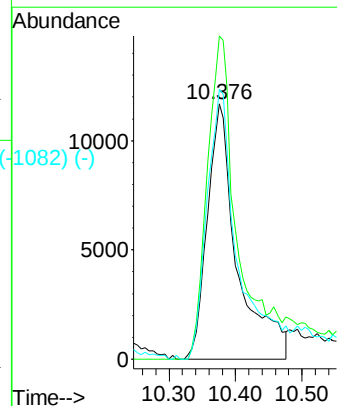
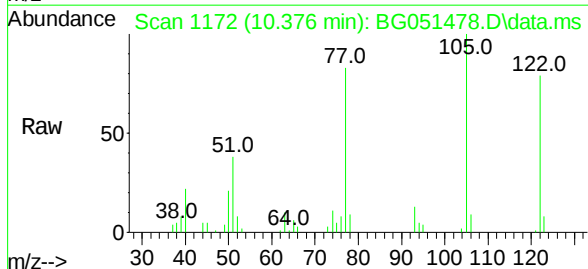
Tgt Ion:122 Resp: 36887

Ion Ratio Lower Upper

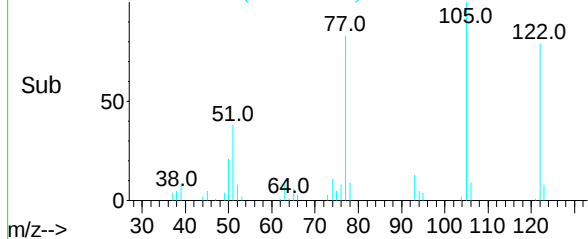
122 100

105 126.6 92.3 132.3

77 105.7 66.5 106.5



Abundance Scan 1172 (10.376 min): BG051478.D\data.ms (-1082) (-)



Abundance Scan 1312 (11.196 min): BG051122.D\data.ms (-1333) (-)

4-Chloroaniline

Concen: 38.76 ng

RT: 11.192 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BG051478.D

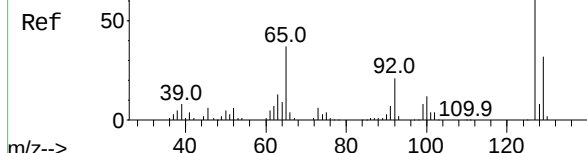
Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:127 Resp: 103709

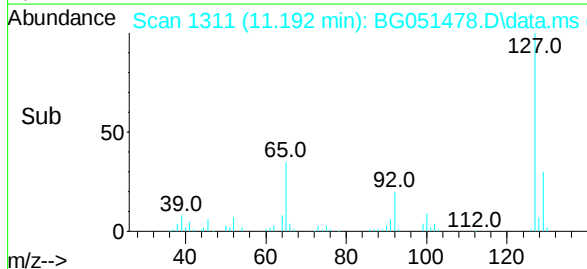
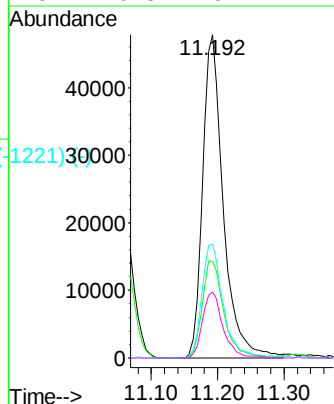
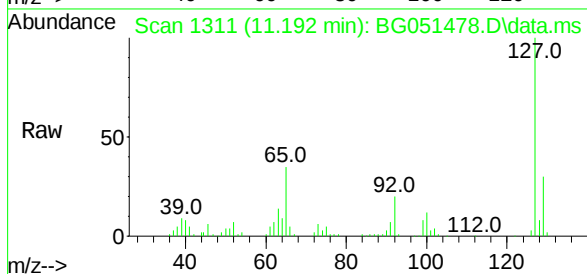
Ion Ratio Lower Upper

127 100

129 29.8 26.7 40.1

65 35.2 32.8 49.2

92 20.3 16.2 24.4



Abundance Scan 1339 (11.354 min): BG051122.D\data.ms (-1334) (-)

Hexachlorobutadiene

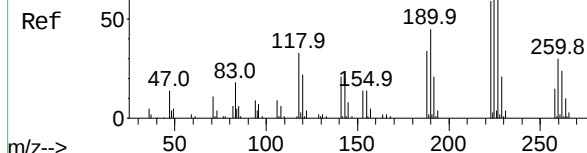
Concen: 38.20 ng

RT: 11.322 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17



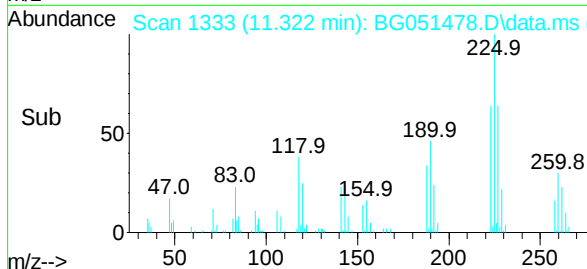
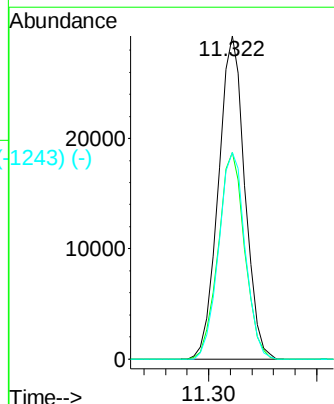
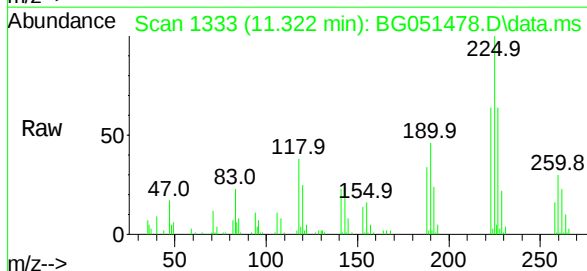
Tgt Ion:225 Resp: 50082

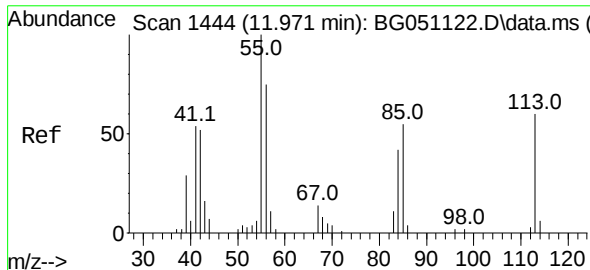
Ion Ratio Lower Upper

225 100

223 64.0 49.8 74.8

227 63.9 46.4 69.6

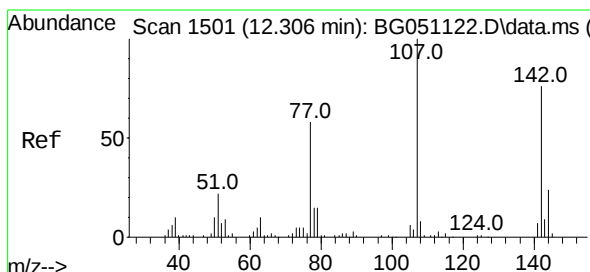
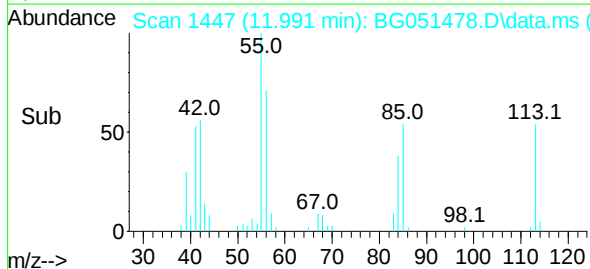
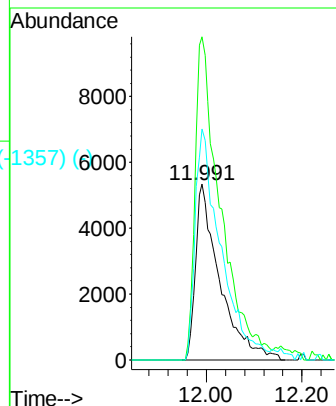
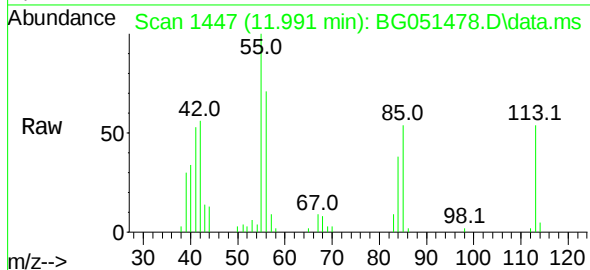




Caprolactam
Concen: 36.77 ng
RT: 11.991 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

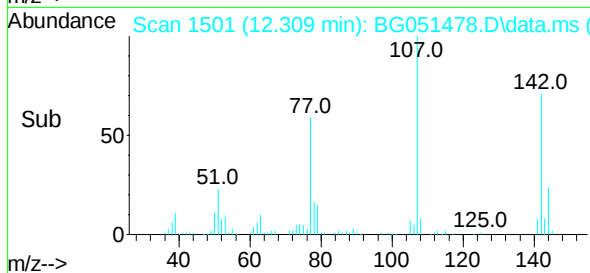
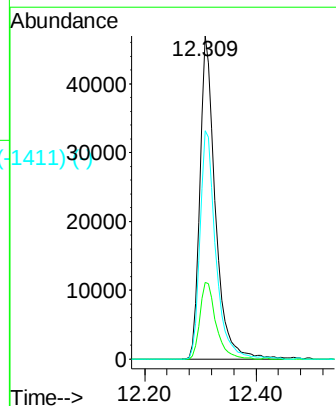
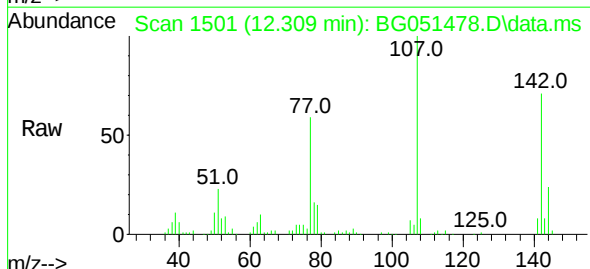
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 18564
Ion Ratio Lower Upper
113 100
55 183.7 113.8 153.8#
56 131.2 105.6 145.6



4-Chloro-3-methylphenol
Concen: 38.85 ng
RT: 12.309 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Tgt Ion:107 Resp: 90667
Ion Ratio Lower Upper
107 100
144 23.7 24.8 37.2#
142 70.6 62.2 93.4



Abundance Scan 1564 (12.676 min): BG051122.D\data.ms (-1536) (-)

2-Methylnaphthalene

Concen: 38.96 ng

RT: 12.655 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BG051478.D

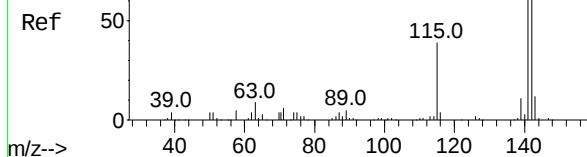
Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



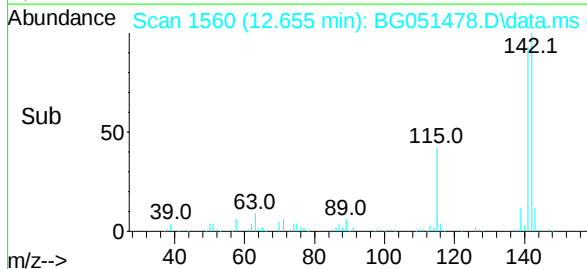
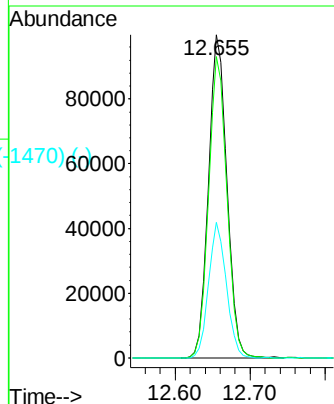
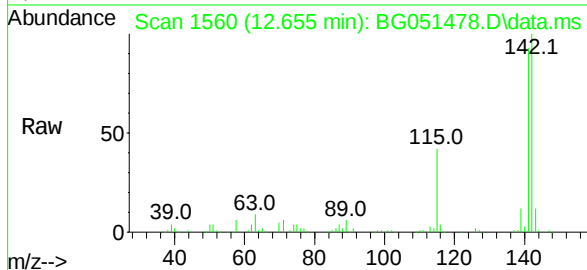
Tgt Ion:142 Resp: 171830

Ion Ratio Lower Upper

142 100

141 93.2 68.8 103.2

115 41.9 36.4 54.6



Abundance Scan 1601 (12.894 min): BG051122.D\data.ms (-1536) (-)

1-Methylnaphthalene

Concen: 38.87 ng

RT: 12.873 min Scan# 1597

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

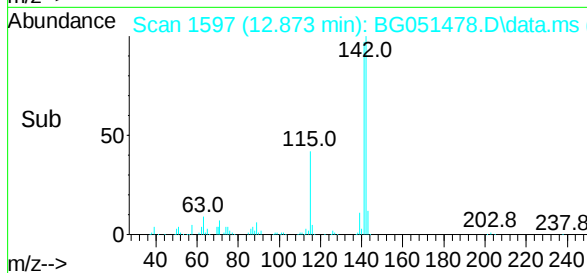
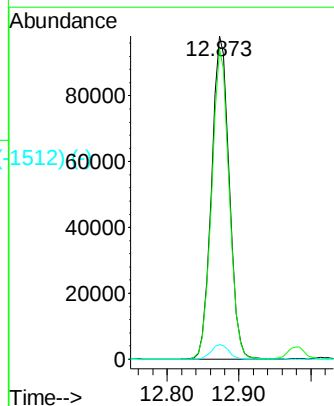
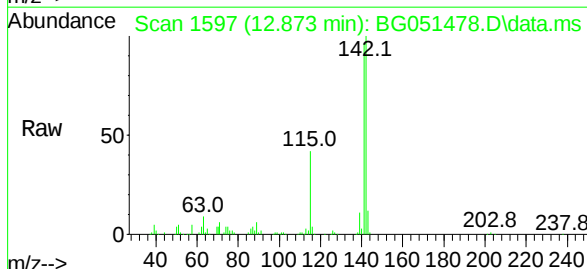
Tgt Ion:142 Resp: 167402

Ion Ratio Lower Upper

142 100

141 96.0 70.6 106.0

116 4.5 4.0 6.0



Abundance Scan 1932 (14.838 min): BG051122.D\data.ms (-1929) (-)

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.817 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 81943

Ion Ratio Lower Upper

164 100

162 104.4 81.4 122.0

160 45.1 34.9 52.3

Abundance Scan 1928 (14.817 min): BG051478.D\data.ms

Ref 50

162.1

80.0

54.0

100.1

132.0

m/z-->

Abundance Scan 1928 (14.817 min): BG051478.D\data.ms (-1838) (-)

Ref 50

162.1

80.0

54.0

100.0

132.1

m/z-->

Abundance Scan 1928 (14.817 min): BG051478.D\data.ms (-1838) (-)

Ref 50

162.1

80.0

54.0

100.0

132.1

m/z-->

Abundance

50000

40000

30000

20000

10000

0

14.817

Time-->

Abundance Scan 1626 (13.041 min): BG051122.D\data.ms (-1616) (-)

1,2,4,5-Tetrachlorobenzene

Concen: 38.86 ng

RT: 13.020 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Tgt Ion:216 Resp: 96774

Ion Ratio Lower Upper

216 100

214 78.2 61.4 92.2

179 20.3 17.3 25.9

108 17.0 16.3 24.5

Abundance Scan 1622 (13.020 min): BG051478.D\data.ms

Ref 50

215.9

74.0

108.0

142.9

178.9

m/z-->

Abundance Scan 1622 (13.020 min): BG051478.D\data.ms (-1532) (-)

Ref 50

215.9

74.0

108.0

142.9

178.9

m/z-->

Abundance

40000

20000

0

13.020

Time-->

Abundance Scan 1621 (13.011 min): BG051122.D\data.ms (-1614) (-)

Hexachlorocyclopentadiene

Concen: 70.02 ng

RT: 12.978 min Scan# 1615

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 47374

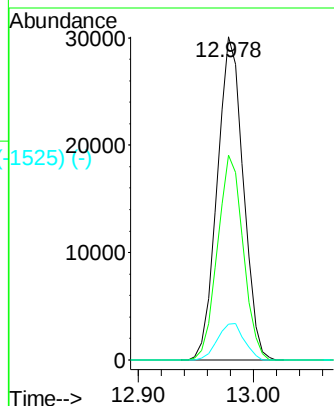
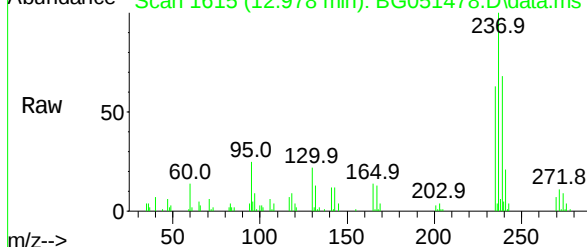
Ion Ratio Lower Upper

237 100

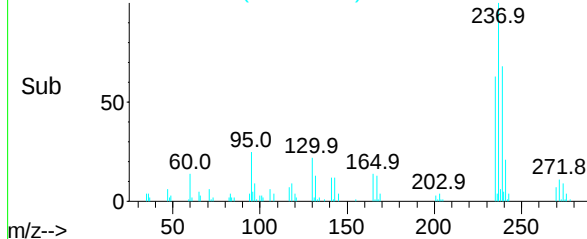
235 63.4 36.6 76.6

272 11.0 0.0 32.5

Abundance Scan 1615 (12.978 min): BG051478.D\data.ms



Abundance Scan 1615 (12.978 min): BG051478.D\data.ms (-1525) (-)



Abundance Scan 2186 (16.331 min): BG051122.D\data.ms (-2179) (-)

2,4,6-Tribromophenol

Concen: 74.70 ng

RT: 16.316 min Scan# 2183

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Tgt Ion:330 Resp: 65056

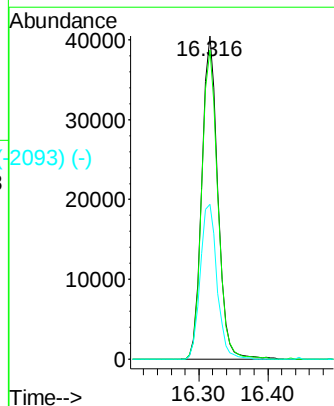
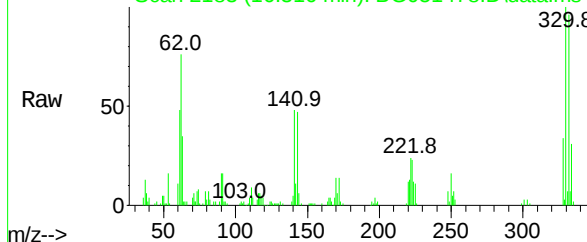
Ion Ratio Lower Upper

330 100

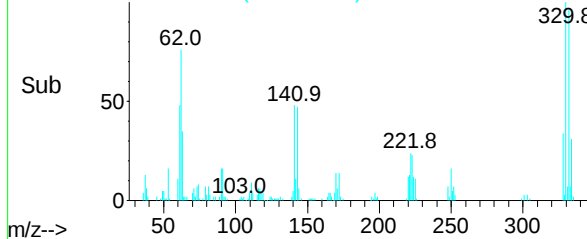
332 96.3 77.3 115.9

141 50.2 35.6 53.4

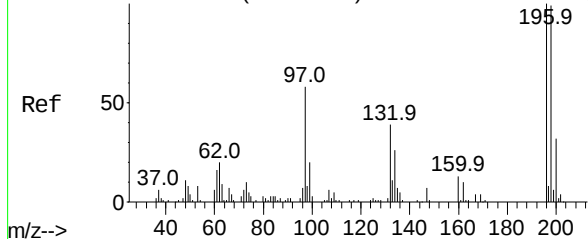
Abundance Scan 2183 (16.316 min): BG051478.D\data.ms



Abundance Scan 2183 (16.316 min): BG051478.D\data.ms (-2093) (-)



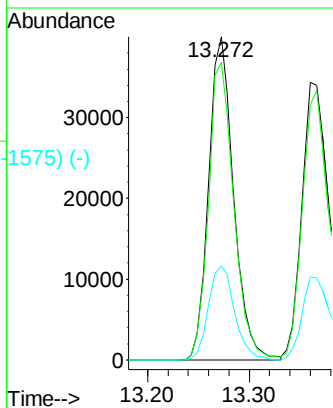
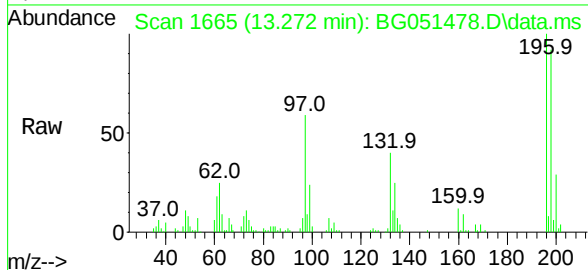
Abundance Scan 1667 (13.281 min): BG051122.D\data.ms (-1659) (-)



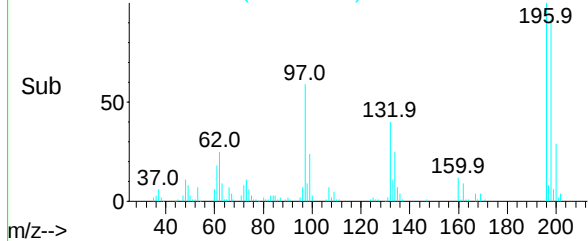
2,4,6-Trichlorophenol
Concen: 39.84 ng
RT: 13.272 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

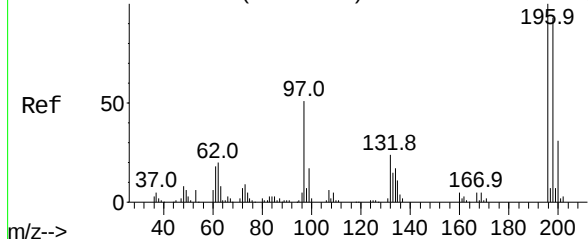
Tgt Ion:	196	Resp:	68416
Ion	Ratio	Lower	Upper
196	100		
198	92.1	82.1	123.1
200	29.1	23.8	35.8



Abundance Scan 1665 (13.272 min): BG051478.D\data.ms (-1575) (-)

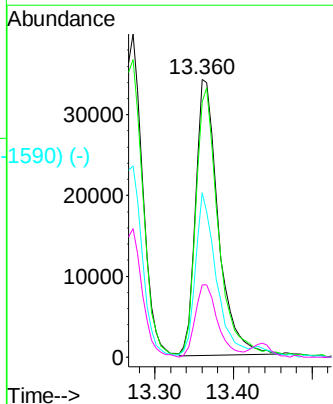
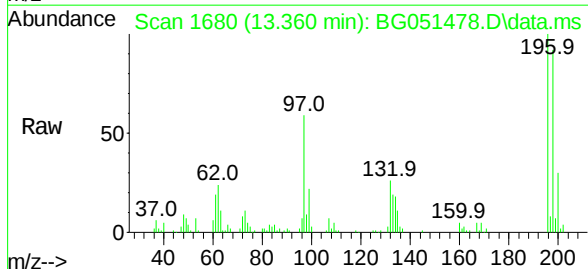


Abundance Scan 1680 (13.358 min): BG051122.D\data.ms (-1674) (-)

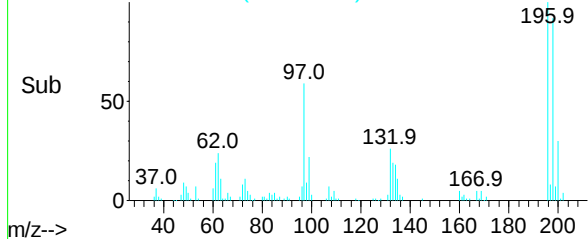


2,4,5-Trichlorophenol
Concen: 36.96 ng
RT: 13.360 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

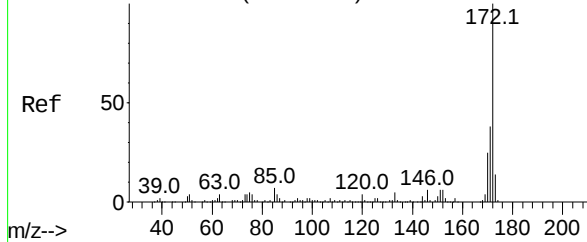
Tgt Ion:	196	Resp:	68586
Ion	Ratio	Lower	Upper
196	100		
198	91.9	87.4	131.0
97	59.2	43.3	64.9
132	26.0	21.4	32.2



Abundance Scan 1680 (13.360 min): BG051478.D\data.ms (-1590) (-)



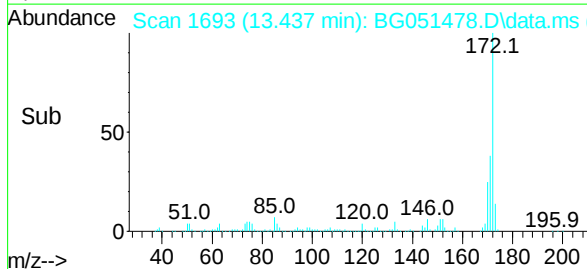
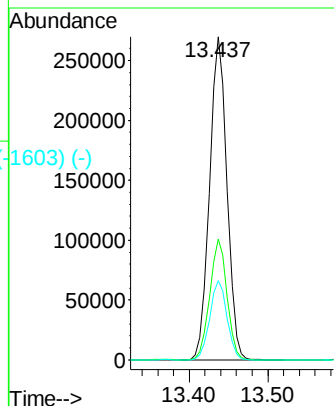
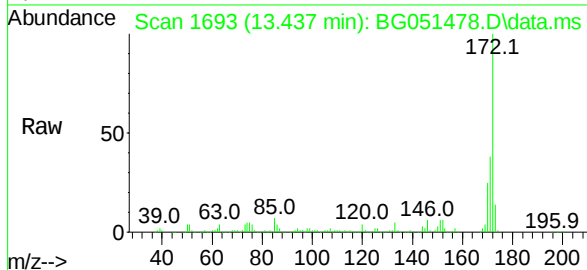
Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1695) (-)



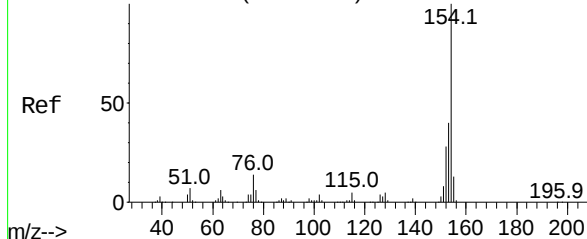
2-Fluorobiphenyl
Concen: 76.57 ng
RT: 13.437 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	172	Resp:	415828
Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	43.0
170	24.6	18.6	27.8

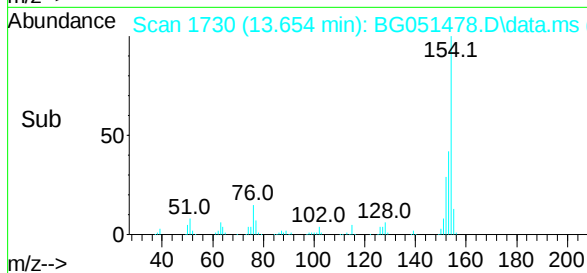
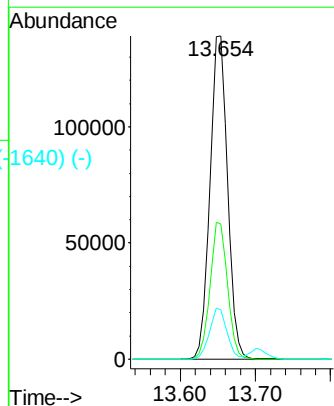
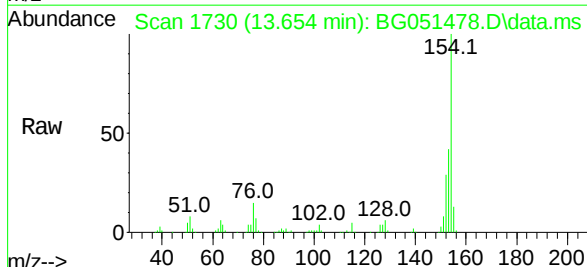


Abundance Scan 1734 (13.675 min): BG051122.D\data.ms (-1726) (-)



1,1'-Biphenyl
Concen: 38.88 ng
RT: 13.654 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Tgt Ion:	154	Resp:	229000
Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.5	60.5
76	15.2	0.0	29.3



Abundance Scan 1742 (13.722 min): BG051122.D\data.ms (-1742) (-)

2-Chloronaphthalene

Concen: 38.94 ng

RT: 13.701 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BG051478.D

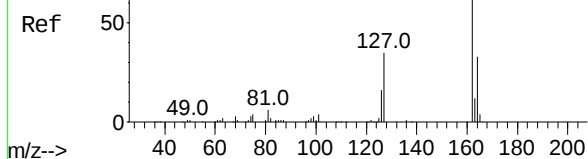
Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



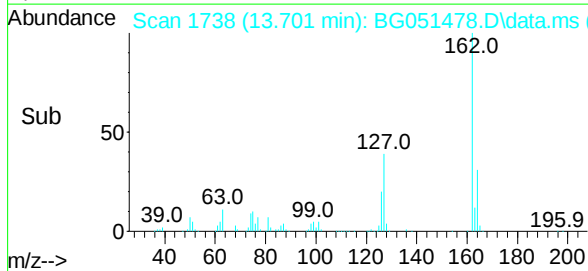
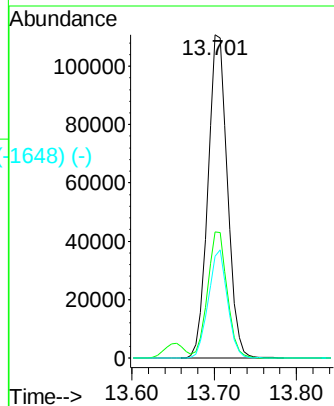
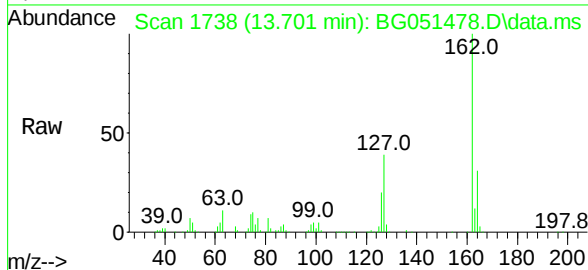
Tgt Ion:162 Resp: 181576

Ion Ratio Lower Upper

162 100

127 38.9 32.7 49.1

164 31.4 27.0 40.4



Abundance Scan 1777 (13.928 min): BG051122.D\data.ms (-1777) (-)

2-Nitroaniline

Concen: 42.68 ng

RT: 13.924 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

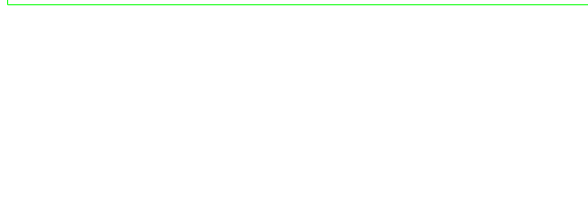
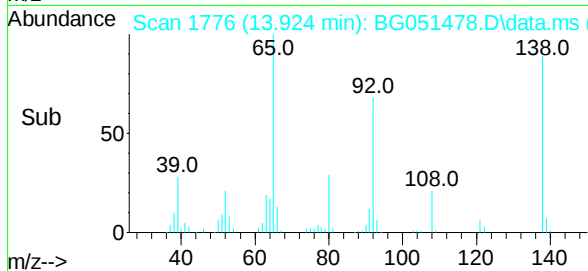
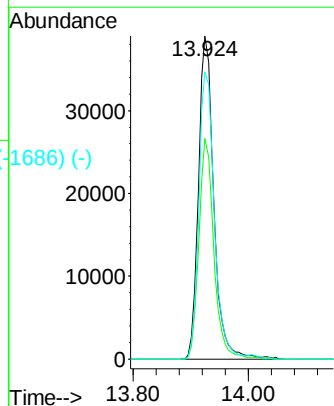
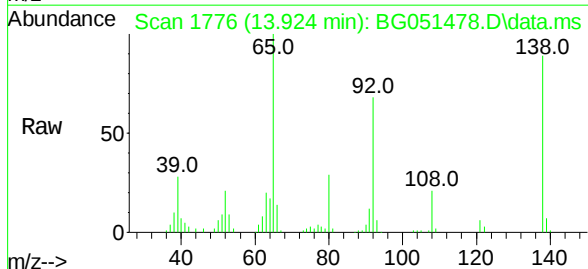
Tgt Ion: 65 Resp: 71929

Ion Ratio Lower Upper

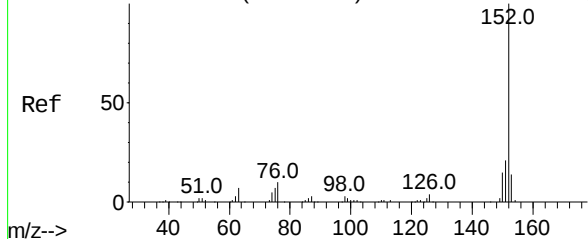
65 100

92 68.3 47.2 70.8

138 89.0 68.0 102.0



Abundance Scan 1885 (14.562 min): BG051122.D\data.ms (-1749) (-)



Acenaphthylene

Concen: 39.04 ng

RT: 14.547 min Scan# 1882

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

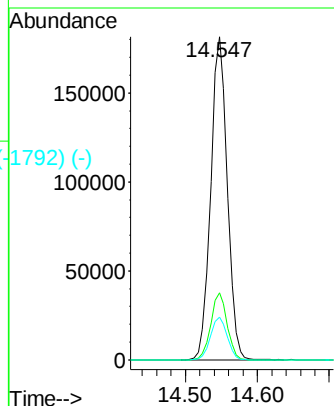
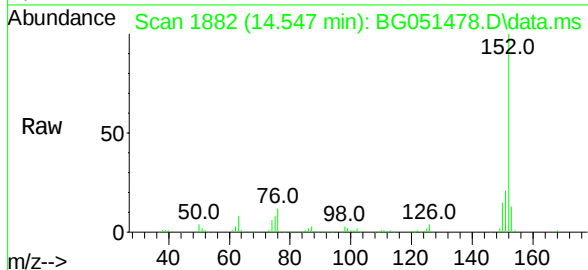
Tgt Ion:152 Resp: 290228

Ion Ratio Lower Upper

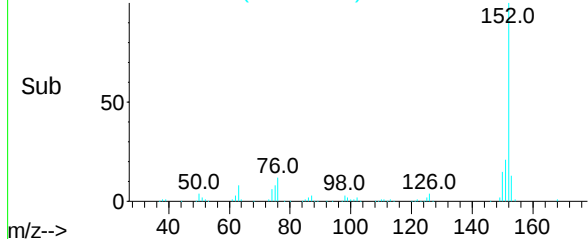
152 100

151 20.7 18.2 27.4

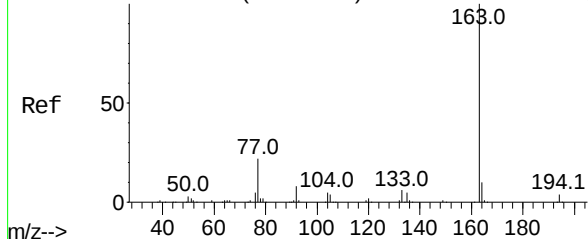
153 13.2 11.7 17.5



Abundance Scan 1882 (14.547 min): BG051478.D\data.ms (-1792) (-)



Abundance Scan 1837 (14.280 min): BG051122.D\data.ms (-1829) (-)



Dimethylphthalate

Concen: 39.37 ng

RT: 14.265 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

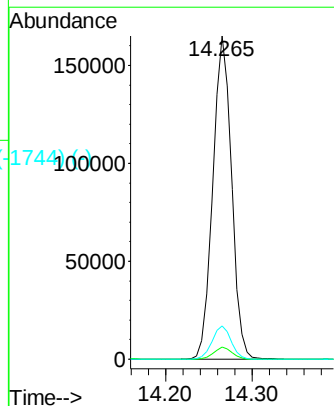
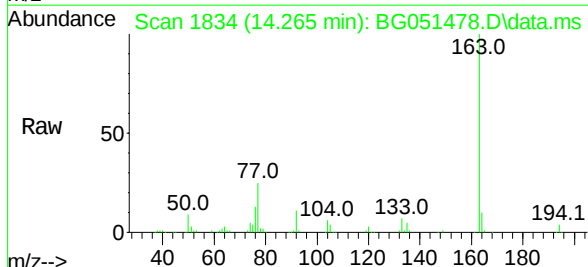
Tgt Ion:163 Resp: 248520

Ion Ratio Lower Upper

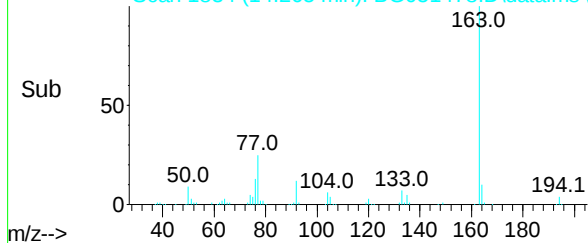
163 100

194 3.7 3.0 4.6

164 10.2 8.6 12.8



Abundance Scan 1834 (14.265 min): BG051478.D\data.ms (-1744) (-)



Abundance Scan 1860 (14.415 min): BG051122.D\data.ms (-1752) (-)

2,6-Dinitrotoluene

Concen: 40.03 ng

RT: 14.406 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 52783

Ion Ratio Lower Upper

165 100

63 64.2 63.3 94.9

89 62.9 63.4 95.0#

Abundance Scan 1858 (14.406 min): BG051478.D\data.ms

Ref

50

39.0 63.0 89.0 121.0 165.0

m/z-->

Abundance Scan 1858 (14.406 min): BG051478.D\data.ms

Raw

50

39.1 63.0 89.0 121.0 165.0

m/z-->

Abundance Scan 1858 (14.406 min): BG051478.D\data.ms (-1768) (-)

Sub

50

39.1 63.0 89.0 121.0 165.0

m/z-->

Abundance

30000

20000

10000

0

14.406

Time-->

Abundance Scan 1943 (14.903 min): BG051122.D\data.ms (-1952) (-)

Acenaphthene

Concen: 39.35 ng

RT: 14.882 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Tgt Ion:154 Resp: 170749

Ion Ratio Lower Upper

154 100

153 116.7 87.0 130.4

152 54.8 40.1 60.1

Abundance Scan 1939 (14.882 min): BG051478.D\data.ms

Ref

50

51.0 76.0 98.0 126.0 153.1

m/z-->

Abundance Scan 1939 (14.882 min): BG051478.D\data.ms

Raw

50

51.0 76.0 98.0 126.0 153.1

m/z-->

Abundance Scan 1939 (14.882 min): BG051478.D\data.ms (-1849) (-)

Sub

50

51.0 76.0 98.0 126.0 153.1

m/z-->

Abundance

100000

50000

0

14.882

Time-->

Abundance Scan 1917 (14.750 min): BG051122.D\data.ms (-1953) (-)

3-Nitroaniline

Concen: 38.99 ng

RT: 14.753 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 57587

Ion Ratio Lower Upper

138 100

108 10.6 8.3 12.5

92 134.5 96.4 144.6

Abundance Scan 1917 (14.753 min): BG051478.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1917 (14.753 min): BG051478.D\data.ms (-1827) (-)

Ref

Raw

Sub

m/z-->

Abundance

40000

30000

20000

10000

0

Time-->

14.70 14.80 14.90

Abundance Scan 1953 (14.962 min): BG051122.D\data.ms (-1954) (-)

2,4-Dinitrophenol

Concen: 38.09 ng

RT: 14.976 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Tgt Ion:184 Resp: 26606

Ion Ratio Lower Upper

184 100

63 75.4 68.3 102.5

154 66.4 62.6 93.8

Abundance Scan 1955 (14.976 min): BG051478.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1955 (14.976 min): BG051478.D\data.ms (-1865) (-)

Ref

Raw

Sub

m/z-->

Abundance

80000

60000

40000

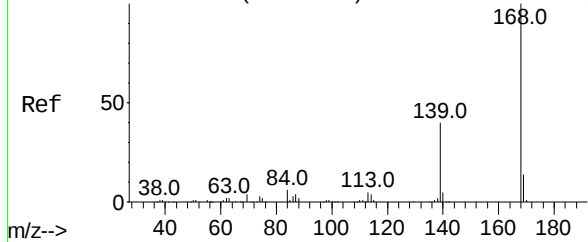
20000

0

Time-->

14.90 15.00

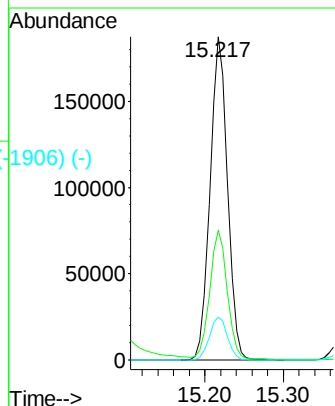
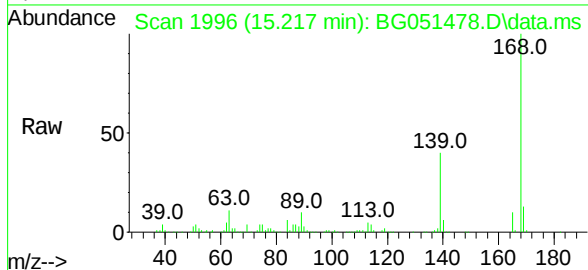
Abundance Scan 2000 (15.238 min): BG051122.D\data.ms (-1955) (-)



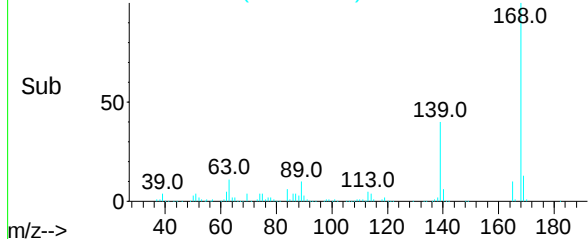
Dibenzofuran
Concen: 38.36 ng
RT: 15.217 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

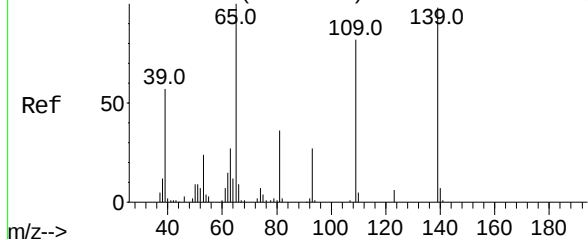
Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	33.4	50.2
169	13.2	12.3	18.5



Abundance Scan 1996 (15.217 min): BG051478.D\data.ms (-1906) (-)

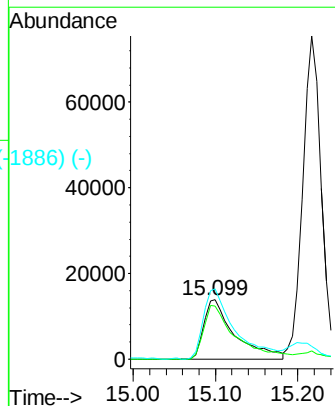
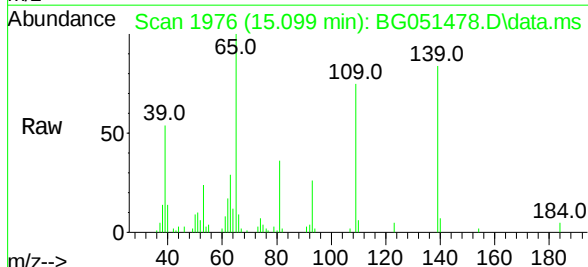


Abundance Scan 1970 (15.062 min): BG051122.D\data.ms (-1955) (-)

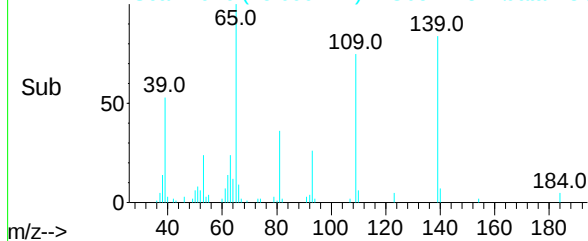


4-Nitrophenol
Concen: 34.84 ng
RT: 15.099 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.0	116.3	156.3#
65	118.9	105.0	145.0



Abundance Scan 1976 (15.099 min): BG051478.D\data.ms (-1886) (-)



Abundance Scan 1994 (15.203 min): BG051122.D\data.ms (-1957) (-)

2,4-Dinitrotoluene

Concen: 39.42 ng

RT: 15.205 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BG051478.D

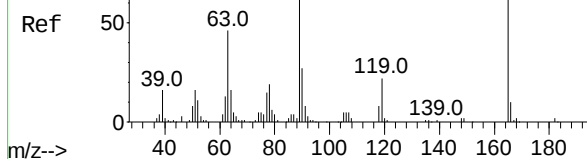
Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:165 Resp: 74449

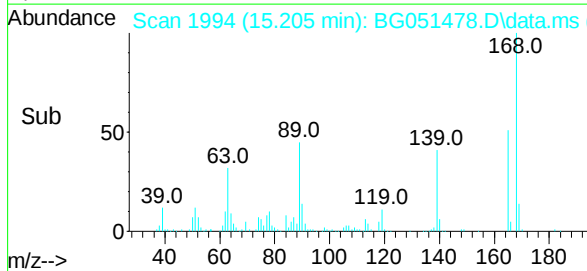
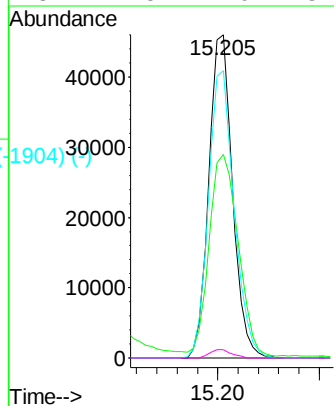
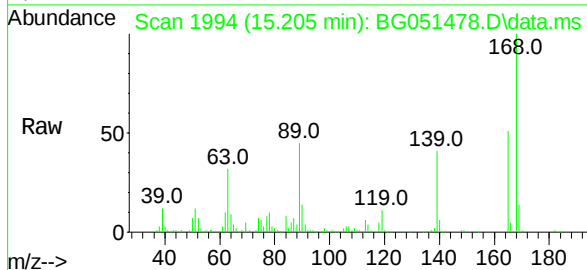
Ion Ratio Lower Upper

165 100

63 63.0 48.0 72.0

89 88.8 65.4 98.0

182 2.5 2.0 3.0



Abundance Scan 2110 (15.884 min): BG051122.D\data.ms (-2152) (-)

Fluorene

Concen: 38.86 ng

RT: 15.869 min Scan# 2107

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

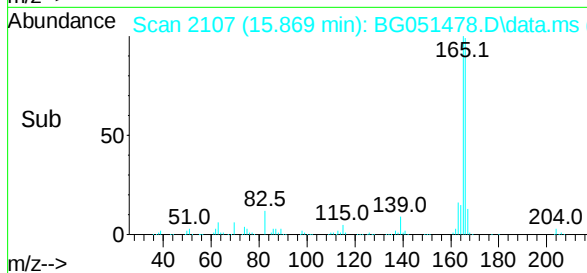
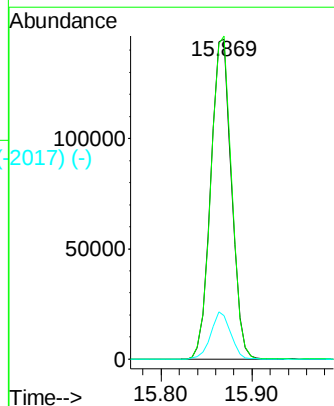
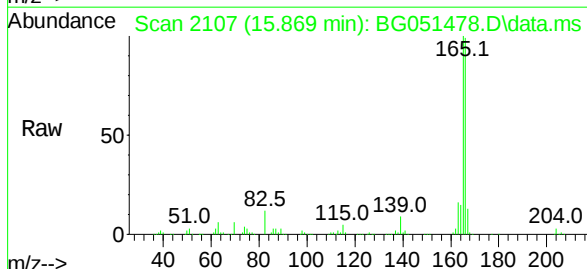
Tgt Ion:166 Resp: 229943

Ion Ratio Lower Upper

166 100

165 100.9 77.7 116.5

167 13.6 10.8 16.2



Abundance Scan 2038 (15.461 min): BG051122.D\data.ms (-2059) (-)

2,3,4,6-Tetrachlorophenol

Concen: 38.48 ng

RT: 15.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG051478.D

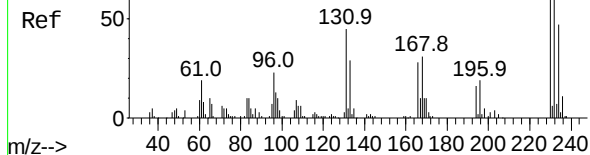
Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:232 Resp: 61309

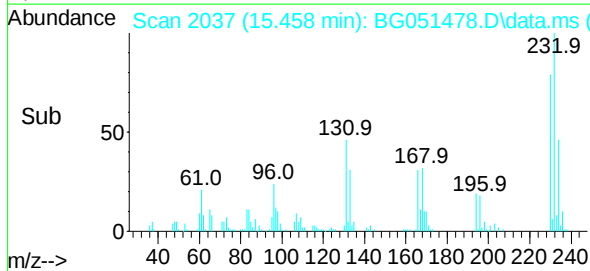
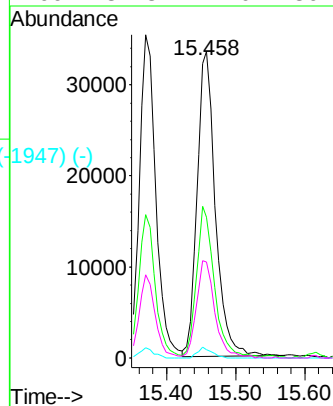
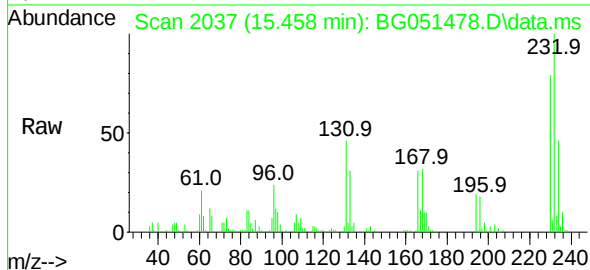
Ion Ratio Lower Upper

232 100

131 47.8 37.2 55.8

130 2.7 2.8 4.2#

166 32.3 24.0 36.0



Abundance Scan 2067 (15.632 min): BG051122.D\data.ms (-2060) (-)

Diethylphthalate

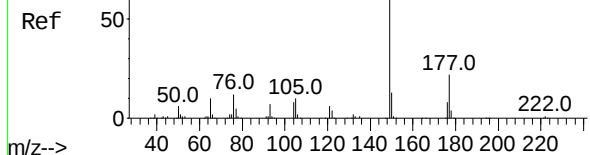
Concen: 39.98 ng

RT: 15.617 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17



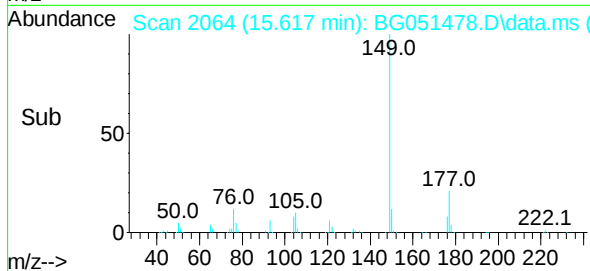
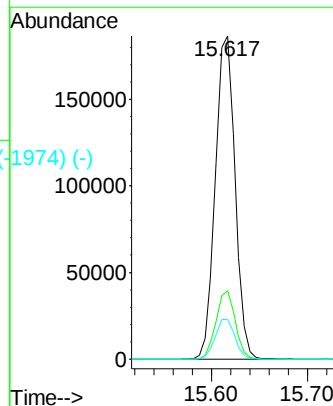
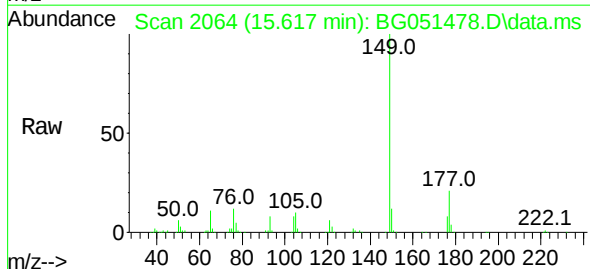
Tgt Ion:149 Resp: 266182

Ion Ratio Lower Upper

149 100

177 21.1 19.0 28.6

150 12.3 10.2 15.4



Abundance Scan 2107 (15.867 min): BG051122.D\data.ms (-2160) (-)

4-Chlorophenyl-phenylether

Concen: 38.86 ng

RT: 15.846 min Scan# 2107

Delta R.T. 0.000 min

Lab File: BG051478.D

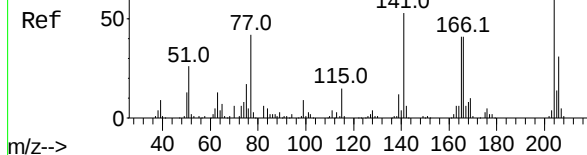
Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



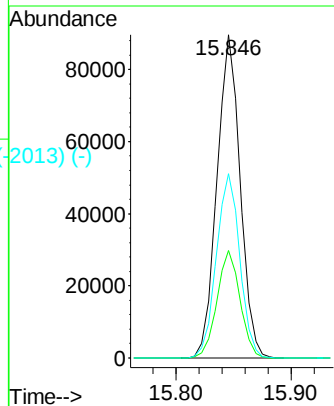
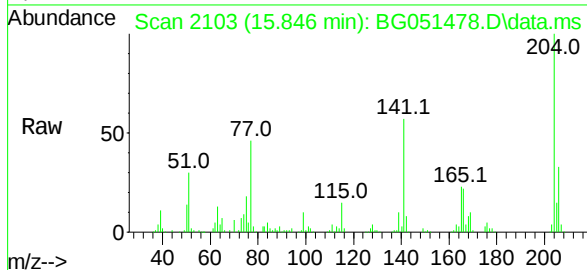
Tgt Ion:204 Resp: 125709

Ion Ratio Lower Upper

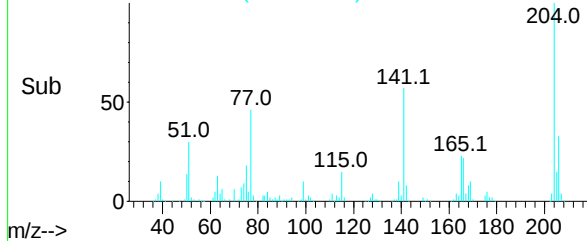
204 100

206 33.3 24.6 37.0

141 57.1 47.8 71.8



Abundance Scan 2103 (15.846 min): BG051478.D\data.ms (-2013) (-)



Abundance Scan 2115 (15.914 min): BG051122.D\data.ms (-2162) (-)

4-Nitroaniline

Concen: 36.01 ng

RT: 15.922 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

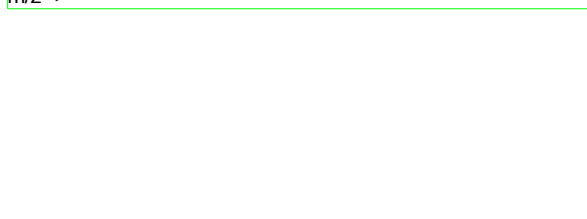
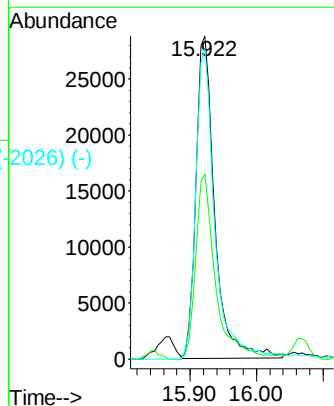
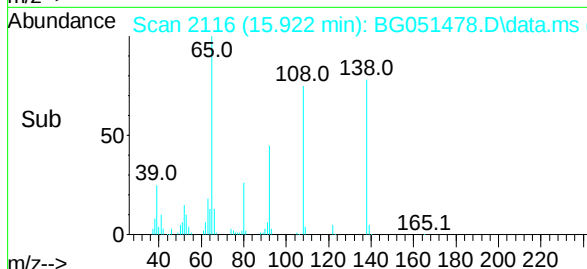
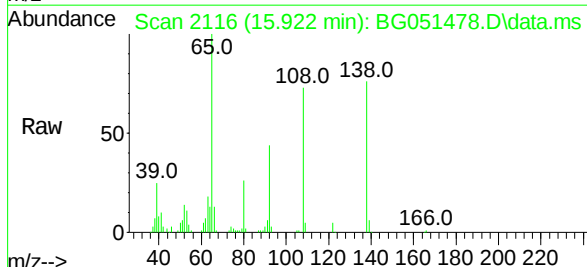
Tgt Ion:138 Resp: 56886

Ion Ratio Lower Upper

138 100

92 57.4 32.3 72.3

108 96.1 132.4 172.4#



Abundance Scan 2157 (16.160 min): BG051122.D\data.ms (-2157) (-)

Azobenzene

Concen: 42.07 ng

RT: 16.139 min Scan# 2153

Delta R.T. 0.000 min

Lab File: BG051478.D

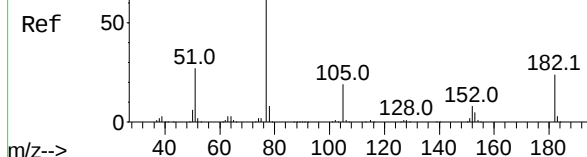
Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion: 77 Resp: 280474

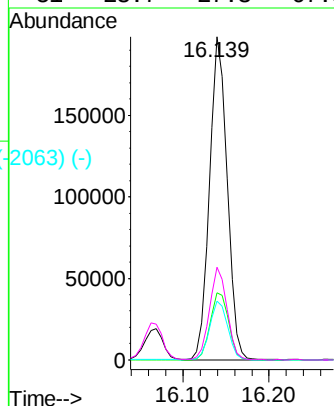
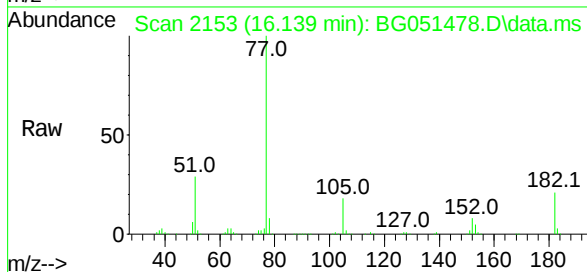
Ion Ratio Lower Upper

77 100

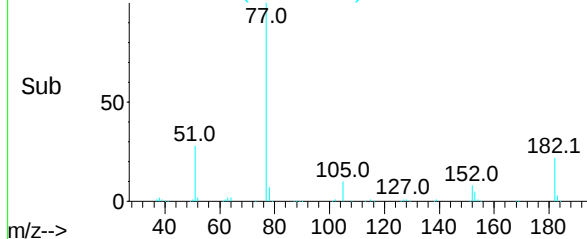
182 20.8 7.9 47.9

105 18.3 0.0 37.9

51 28.7 27.3 67.3



Abundance Scan 2153 (16.139 min): BG051478.D\data.ms (-2063) (-)



Abundance Scan 2400 (17.588 min): BG051122.D\data.ms (-2397) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.573 min Scan# 2397

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

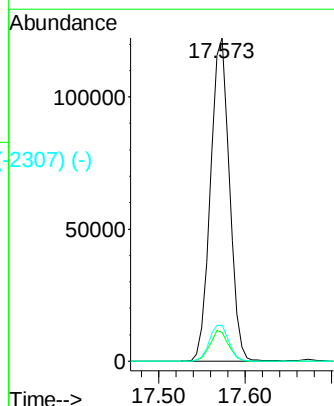
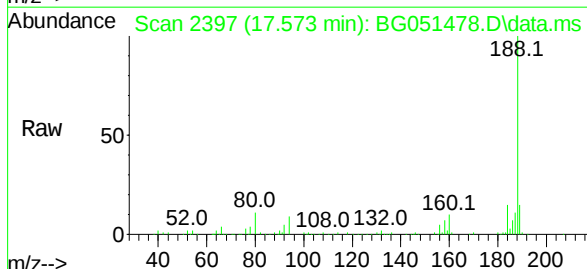
Tgt Ion: 188 Resp: 186242

Ion Ratio Lower Upper

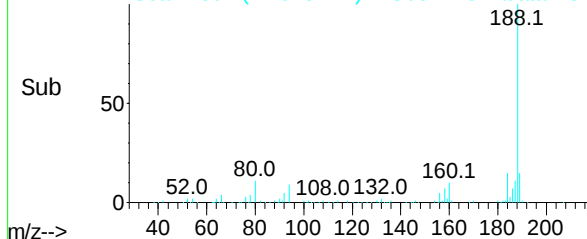
188 100

94 8.9 5.4 8.0#

80 11.0 3.7 5.5#



Abundance Scan 2397 (17.573 min): BG051478.D\data.ms (-2307) (-)



Abundance Scan 2124 (15.967 min): BG051122.D\data.ms (-2165) (-)

4,6-Dinitro-2-methylphenol

Concen: 43.61 ng

RT: 15.969 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Ref 50 198.0

m/z-->

Abundance Scan 2124 (15.969 min): BG051478.D\data.ms

Raw 50 198.0

m/z-->

Abundance Scan 2124 (15.969 min): BG051478.D\data.ms (-2034) (-)

Sub 50 197.9

m/z-->

Tgt Ion:198 Resp: 48507

Ion Ratio Lower Upper

198 100

51 48.3 29.4 69.4

105 47.3 15.1 55.1

Abundance

50000

40000

30000

20000

10000

0

15.90 15.95 16.00 16.05 16.10

Time-->

Abundance Scan 2144 (16.084 min): BG051122.D\data.ms (-2166) (-)

n-Nitrosodiphenylamine

Concen: 38.71 ng

RT: 16.069 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Ref 50 169.1

m/z-->

Abundance Scan 2141 (16.069 min): BG051478.D\data.ms

Raw 50 169.1

m/z-->

Abundance Scan 2141 (16.069 min): BG051478.D\data.ms (-2051) (-)

Sub 50 169.1

m/z-->

Tgt Ion:169 Resp: 206908

Ion Ratio Lower Upper

169 100

168 73.6 56.3 84.5

167 39.6 28.4 42.6

Abundance

100000

50000

0

16.00 16.05 16.10

Time-->

Abundance Scan 2259 (16.760 min): BG051122.D\data.ms (-2259) (-)

4-Bromophenyl-phenylether

Concen: 38.38 ng

RT: 16.745 min Scan# 2166

Delta R.T. 0.000 min

Lab File: BG051478.D

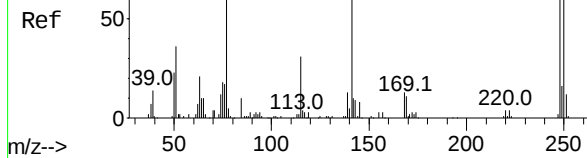
Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



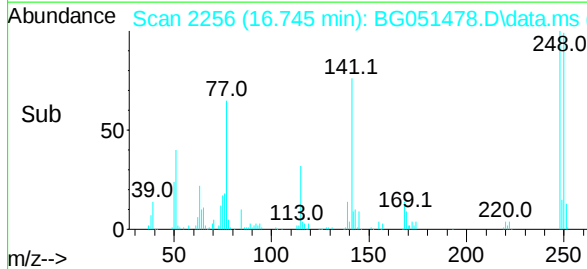
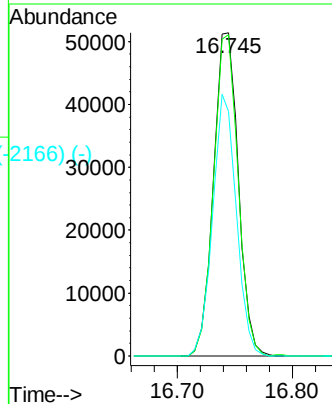
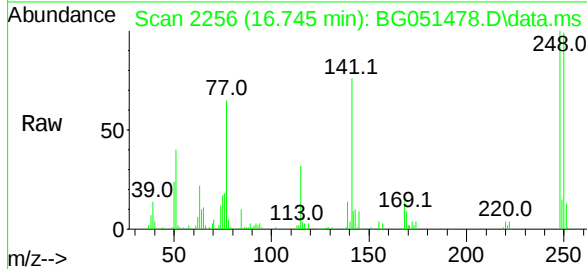
Tgt Ion:248 Resp: 77315

Ion Ratio Lower Upper

248 100

250 99.3 76.1 114.1

141 75.7 65.4 98.2



Abundance Scan 2281 (16.889 min): BG051122.D\data.ms (-2281) (-)

Hexachlorobenzene

Concen: 37.47 ng

RT: 16.868 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

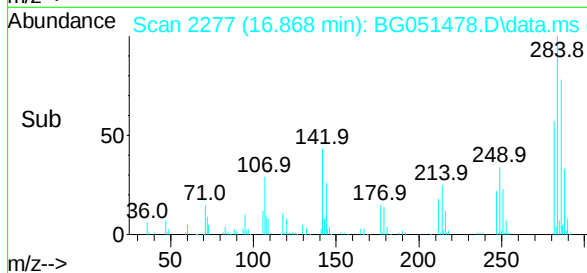
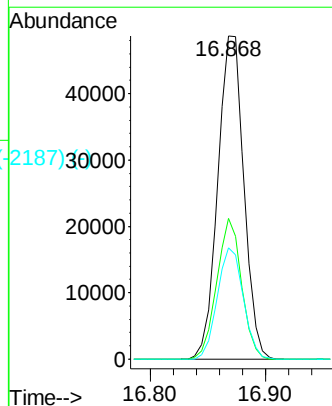
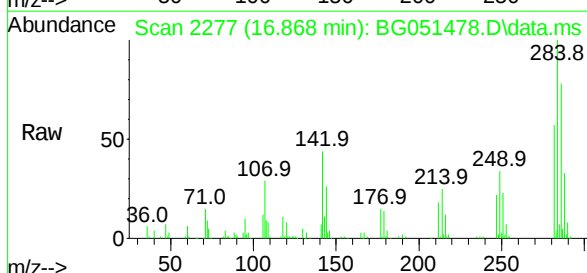
Tgt Ion:284 Resp: 76711

Ion Ratio Lower Upper

284 100

142 43.6 27.0 40.6#

249 34.4 28.2 42.2



Abundance Scan 2304 (17.024 min): BG051122.D\data.ms (-2259) (-)

Atrazine

Concen: 36.57 ng

RT: 17.009 min Scan# 2309

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 51982

Ion Ratio Lower Upper

200 100

173 25.9 3.7 43.7

215 44.9 26.9 66.9

Abundance Scan 2301 (17.009 min): BG051478.D\data.ms

200.1

58.1

92.5

132.0

173.0

m/z-->

Abundance Scan 2301 (17.009 min): BG051478.D\data.ms (-2211) (-)

200.1

58.1

92.5

132.0

173.0

m/z-->

Abundance

17.009

30000

20000

10000

0

Time-->

17.00

17.10

Abundance Scan 2340 (17.236 min): BG051122.D\data.ms (-2379) (-)

Pentachlorophenol

Concen: 42.59 ng

RT: 17.232 min Scan# 2339

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Tgt Ion:266 Resp: 39640

Ion Ratio Lower Upper

266 100

268 59.3 49.0 73.4

264 62.5 49.0 73.6

Abundance Scan 2339 (17.232 min): BG051478.D\data.ms

265.9

164.9

95.0

129.9

201.9

234.8

m/z-->

Abundance Scan 2339 (17.232 min): BG051478.D\data.ms (-2249) (-)

265.9

164.9

95.0

129.9

201.9

234.8

m/z-->

Abundance

17.232

15000

10000

5000

0

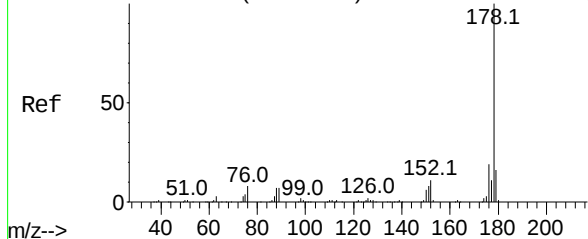
Time-->

17.20

17.30

17.40

Abundance Scan 2407 (17.629 min): BG051122.D\data.ms (-2378) (-)



Phenanthrene

Concen: 39.29 ng

RT: 17.614 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

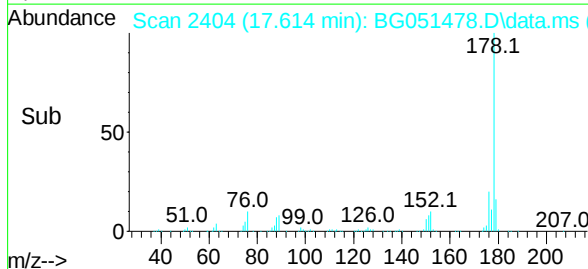
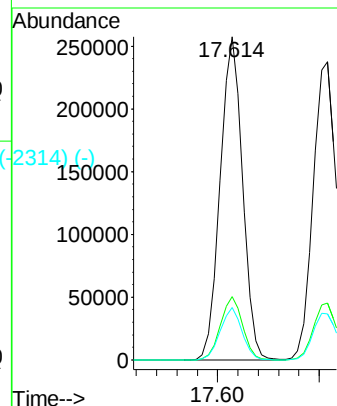
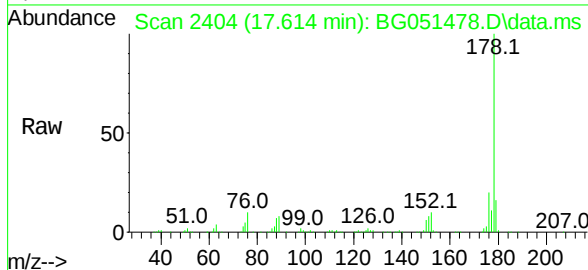
Tgt Ion:178 Resp: 393301

Ion Ratio Lower Upper

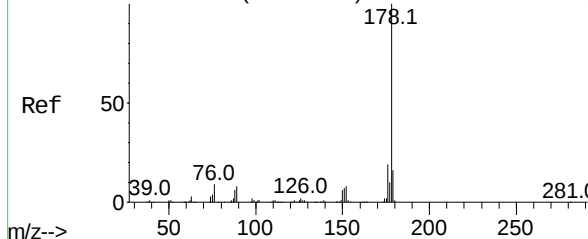
178 100

176 19.5 16.0 24.0

179 16.2 14.2 21.4



Abundance Scan 2423 (17.723 min): BG051122.D\data.ms (-2379) (-)



Anthracene

Concen: 38.98 ng

RT: 17.708 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

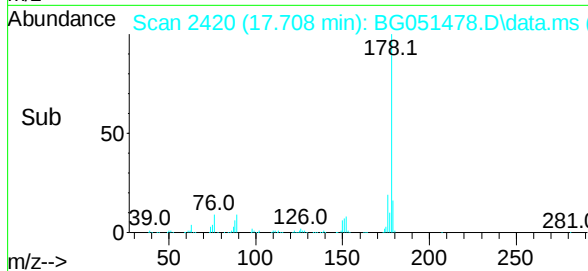
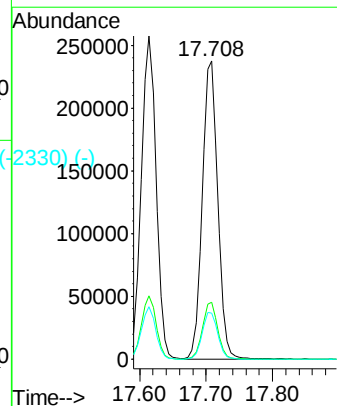
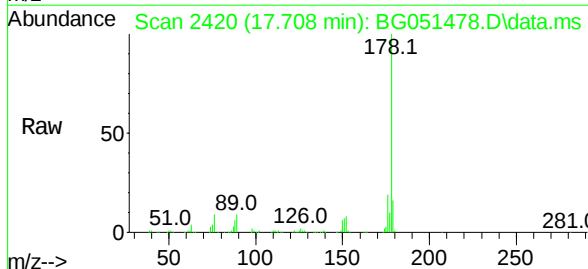
Tgt Ion:178 Resp: 387137

Ion Ratio Lower Upper

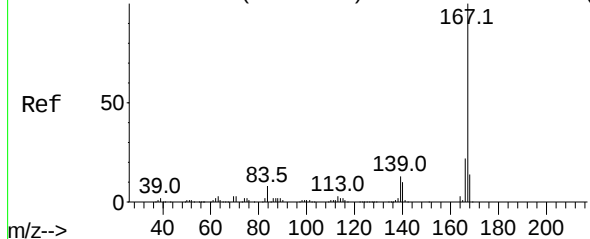
178 100

176 19.0 14.6 21.8

179 15.5 13.4 20.0



Abundance Scan 2469 (17.994 min): BG051122.D\data.ms (-2470) (-)



Carbazole

Concen: 38.93 ng

RT: 17.984 min Scan# 2469

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

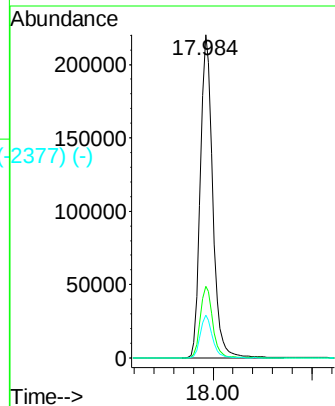
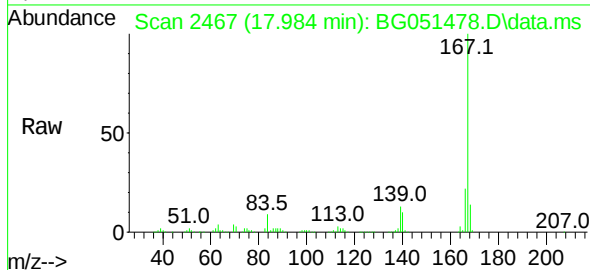
Tgt Ion:167 Resp: 380259

Ion Ratio Lower Upper

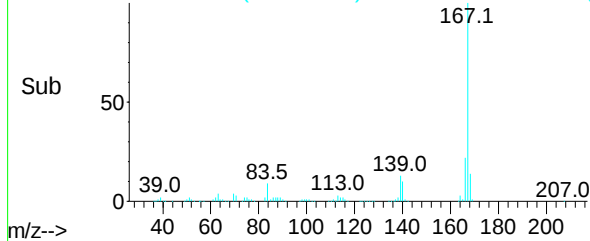
167 100

166 22.1 17.4 26.2

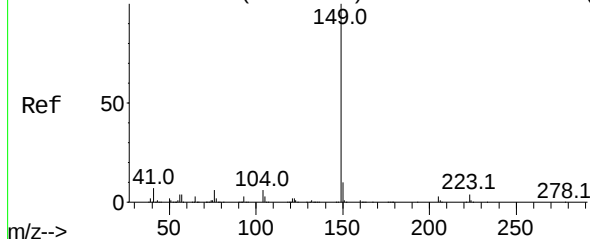
139 13.2 10.7 16.1



Abundance Scan 2467 (17.984 min): BG051478.D\data.ms (-2377) (-)



Abundance Scan 2558 (18.517 min): BG051122.D\data.ms (-2571) (-)



Di-n-butylphthalate

Concen: 39.36 ng

RT: 18.501 min Scan# 2555

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

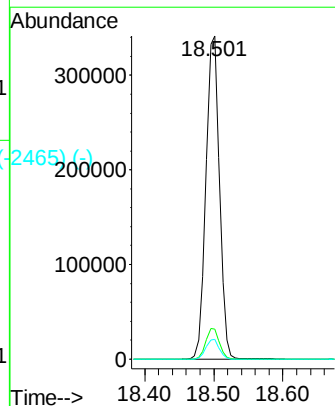
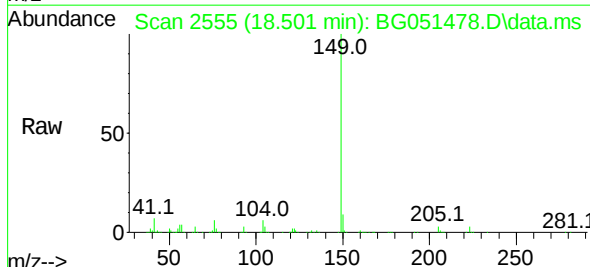
Tgt Ion:149 Resp: 465436

Ion Ratio Lower Upper

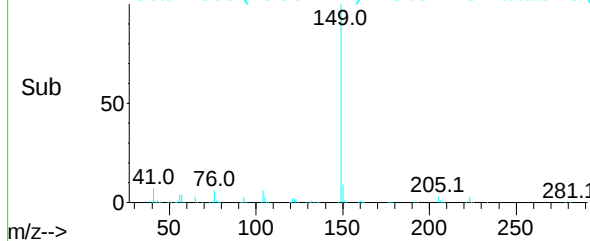
149 100

150 9.3 7.5 11.3

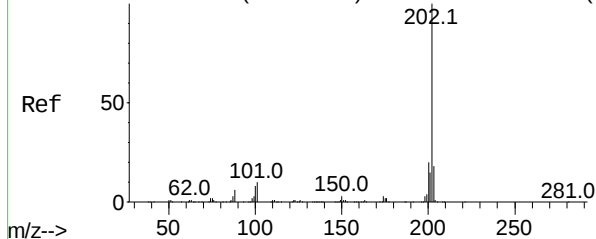
104 6.1 6.6 10.0#



Abundance Scan 2555 (18.501 min): BG051478.D\data.ms (-2465) (-)



Abundance Scan 2747 (19.627 min): BG051122.D\data.ms (-275) (-)



Fluoranthene

Concen: 38.87 ng

RT: 19.618 min Scan# 2745

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

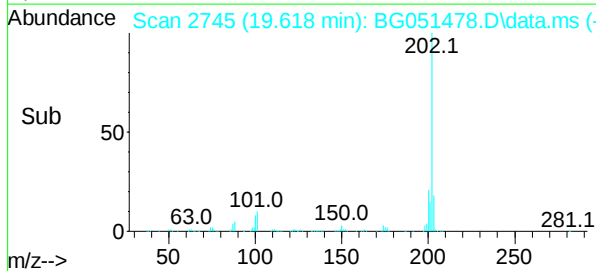
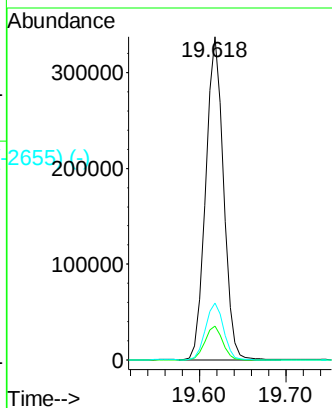
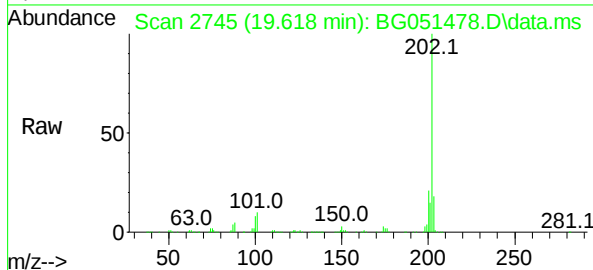
Tgt Ion:202 Resp: 479640

Ion Ratio Lower Upper

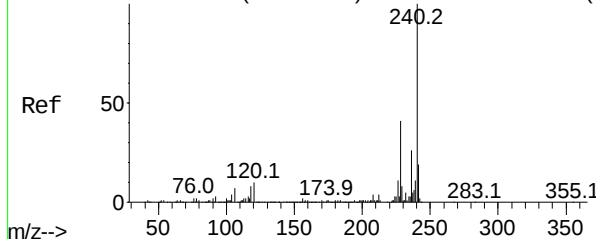
202 100

101 10.5 0.0 24.7

203 17.7 0.0 38.5



Abundance Scan 3131 (21.883 min): BG051122.D\data.ms (-3175) (-)



Chrysene-d12

Concen: 20.00 ng

RT: 21.874 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

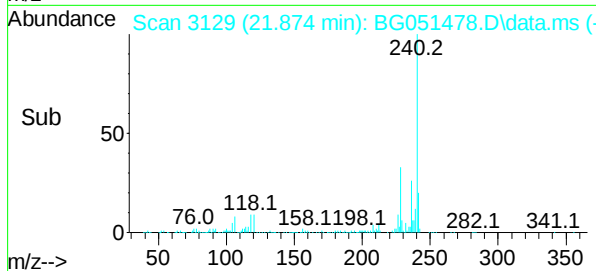
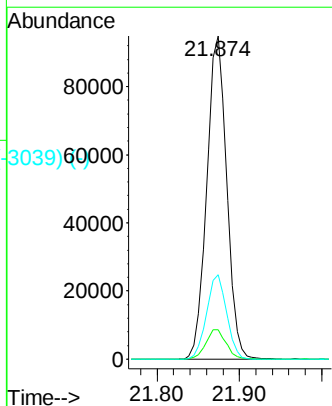
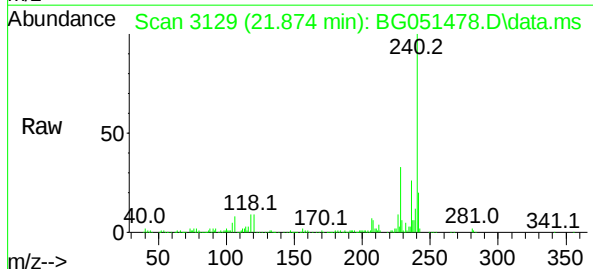
Tgt Ion:240 Resp: 159989

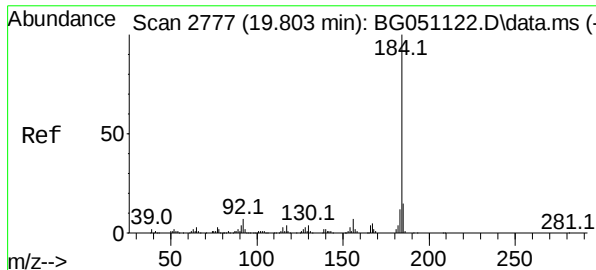
Ion Ratio Lower Upper

240 100

120 9.1 4.2 6.2#

236 26.2 21.8 32.6





Benzidine

Concen: 23.22 ng

RT: 19.812 min Scan# 2778

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

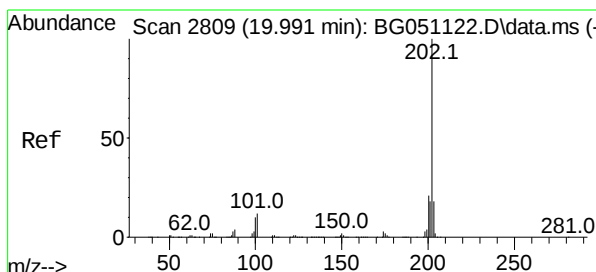
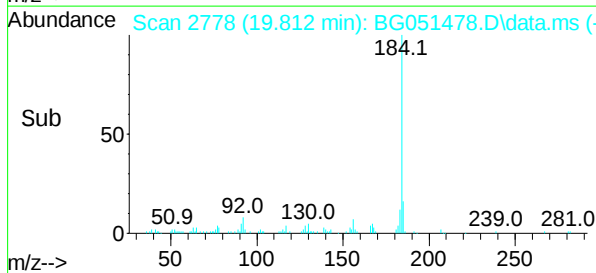
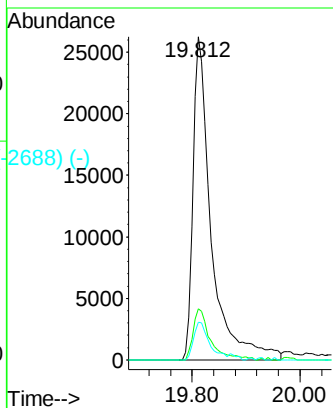
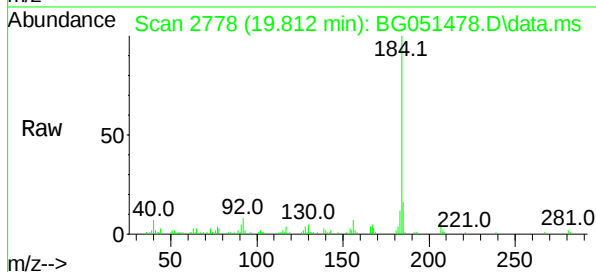
Tgt Ion:184 Resp: 60994

Ion Ratio Lower Upper

184 100

185 15.8 10.7 16.1

183 11.7 9.4 14.0



Pyrene

Concen: 41.49 ng

RT: 19.982 min Scan# 2807

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

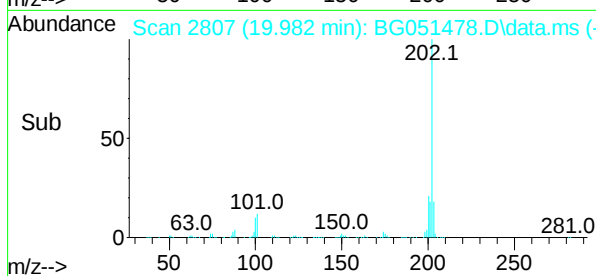
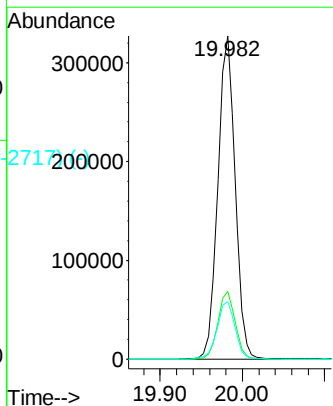
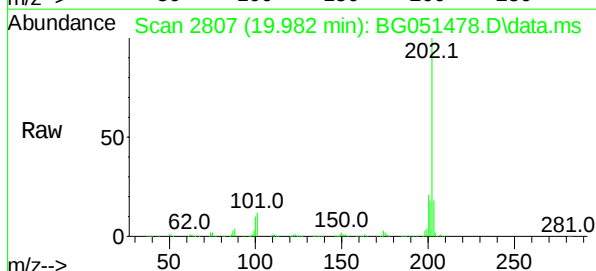
Tgt Ion:202 Resp: 481446

Ion Ratio Lower Upper

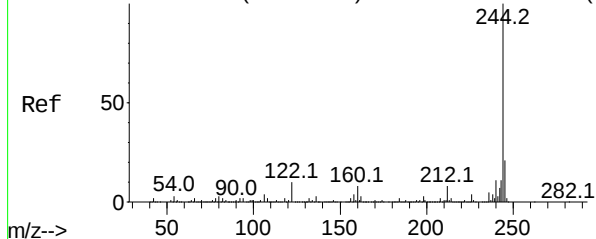
202 100

200 21.0 15.8 23.8

203 17.7 14.6 21.8



Abundance Scan 2840 (20.173 min): BG051122.D\data.ms (-2679) (-)



Terphenyl-d14

Concen: 79.22 ng

RT: 20.158 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

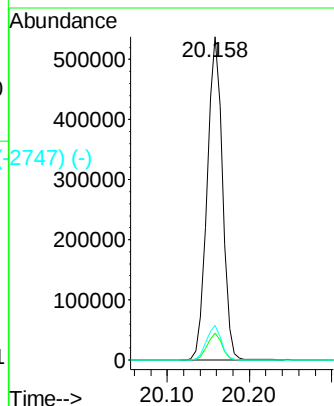
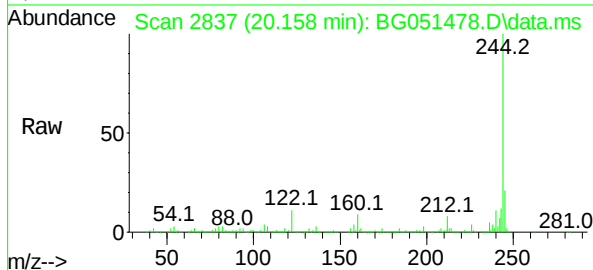
Tgt Ion:244 Resp: 693276

Ion Ratio Lower Upper

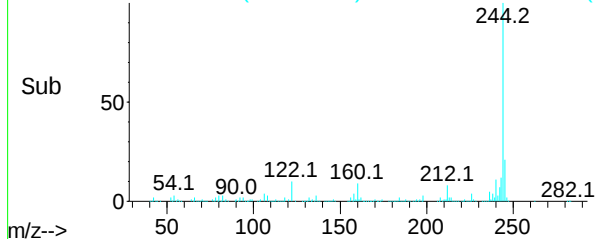
244 100

212 8.3 6.9 10.3

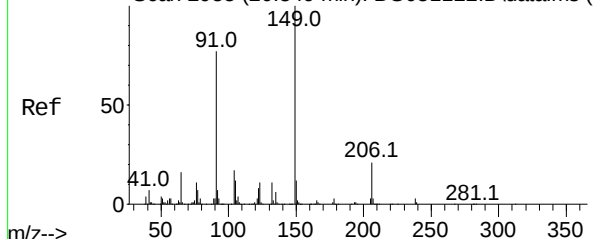
122 10.6 5.0 7.6#



Abundance Scan 2837 (20.158 min): BG051478.D\data.ms (-2747) (-)



Abundance Scan 2955 (20.849 min): BG051122.D\data.ms (-2680) (-)



Butylbenzylphthalate

Concen: 41.21 ng

RT: 20.834 min Scan# 2952

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

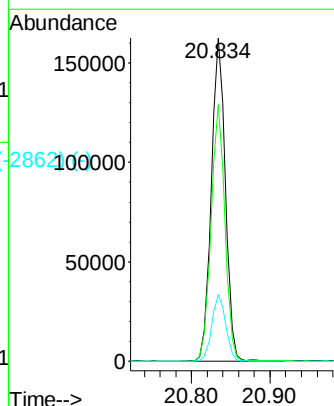
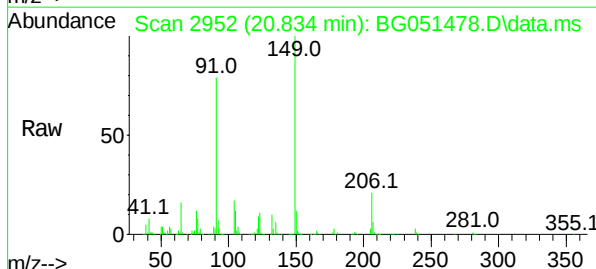
Tgt Ion:149 Resp: 203868

Ion Ratio Lower Upper

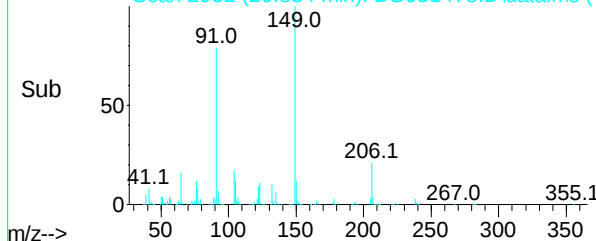
149 100

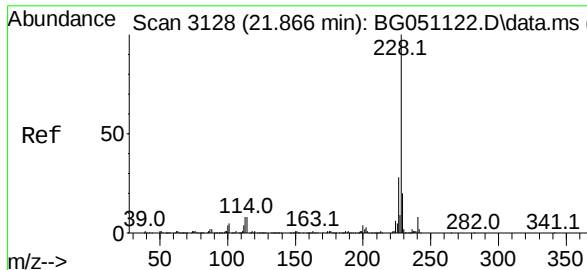
91 79.5 63.4 95.2

206 20.6 18.4 27.6



Abundance Scan 2952 (20.834 min): BG051478.D\data.ms (-2862) (-)

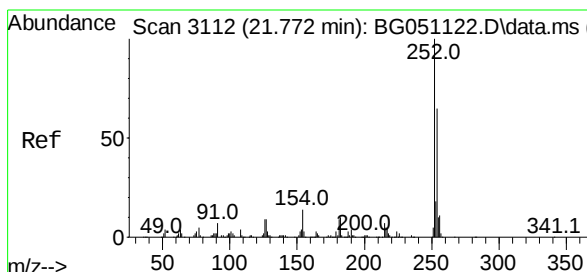
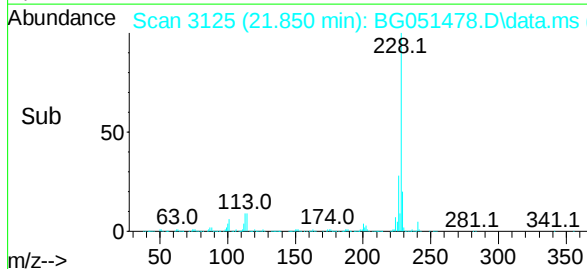
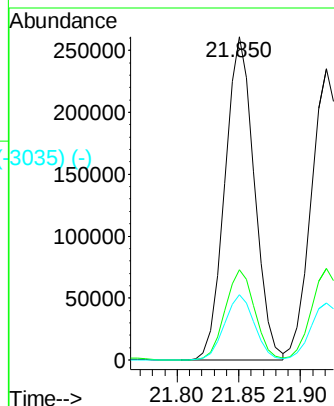
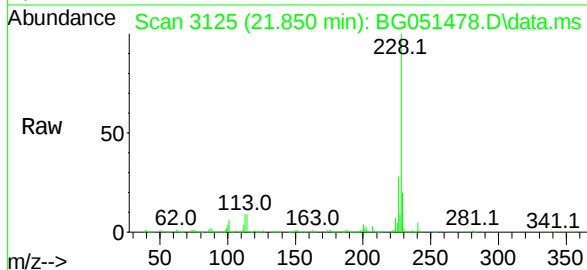




Benzo(a)anthracene
 Concen: 39.79 ng
 RT: 21.850 min Scan# 3128
 Delta R.T. 0.000 min
 Lab File: BG051478.D
 Acq: 11 Dec 2021 12:17

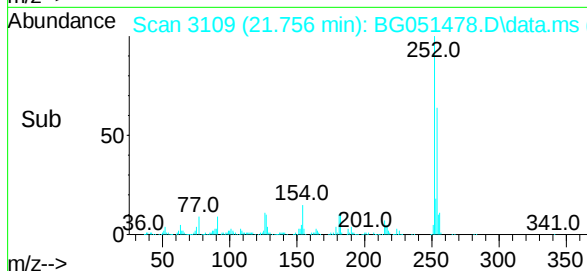
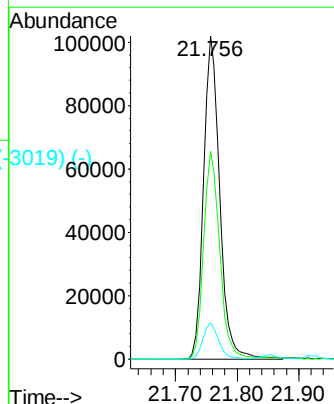
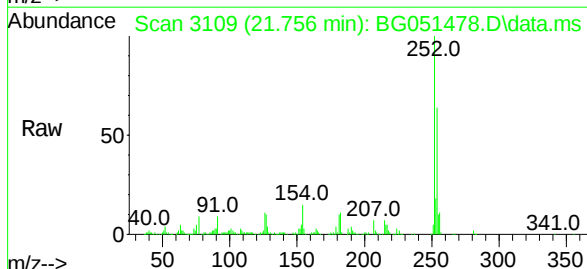
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	228	Resp:	434158
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.7	34.1
229	20.3	16.0	24.0

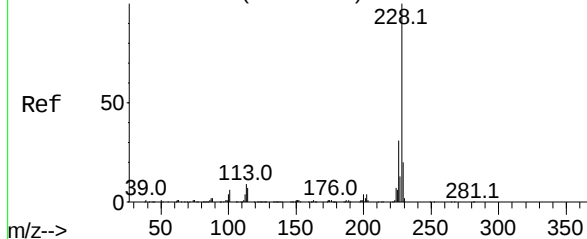


3,3'-Dichlorobenzidine
 Concen: 37.95 ng
 RT: 21.756 min Scan# 3109
 Delta R.T. 0.000 min
 Lab File: BG051478.D
 Acq: 11 Dec 2021 12:17

Tgt Ion:	252	Resp:	185048
Ion Ratio	Lower	Upper	
252	100		
254	64.4	52.4	78.6
126	11.2	5.9	8.9#



Abundance Scan 3140 (21.936 min): BG051122.D\data.ms (-3133) (-)



Chrysene

Concen: 40.34 ng

RT: 21.921 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

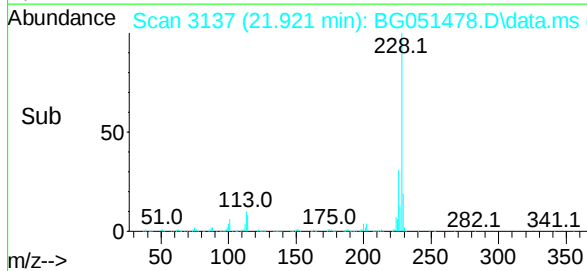
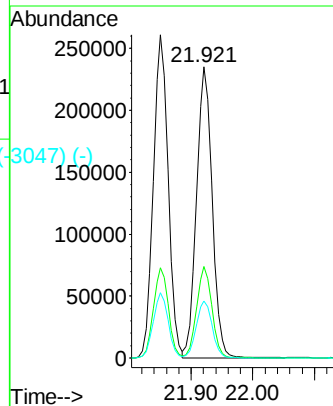
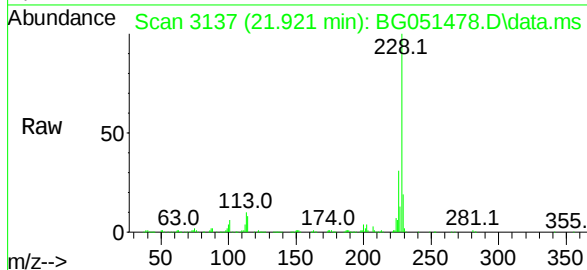
Tgt Ion:228 Resp: 413224

Ion Ratio Lower Upper

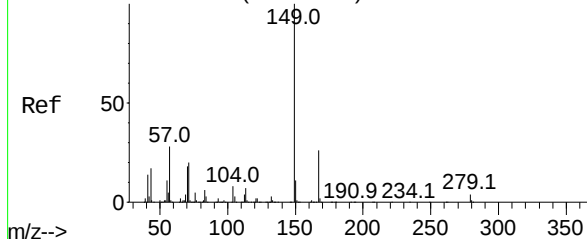
228 100

226 31.4 23.1 34.7

229 19.5 15.3 22.9



Abundance Scan 3104 (21.725 min): BG051122.D\data.ms (-3094) (-)



Bis(2-ethylhexyl)phthalate

Concen: 40.98 ng

RT: 21.703 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

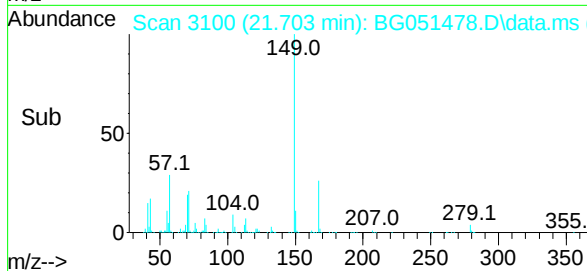
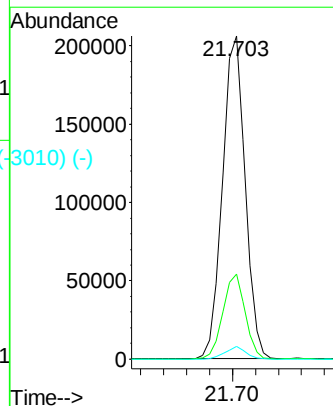
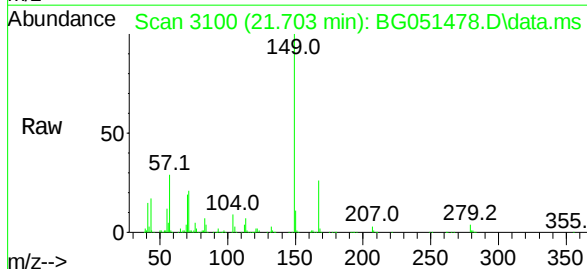
Tgt Ion:149 Resp: 282385

Ion Ratio Lower Upper

149 100

167 26.2 22.3 33.5

279 3.9 3.8 5.8



Abundance Scan 3319 (22.988 min): BG051122.D\data.ms (-3305) (-)

Di-n-octyl phthalate

Concen: 41.51 ng

RT: 22.955 min Scan# 3313

Delta R.T. 0.000 min

Lab File: BG051478.D

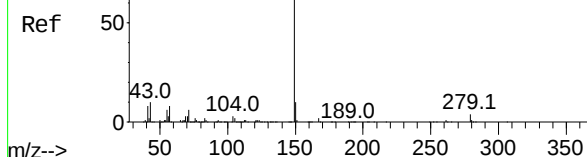
Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



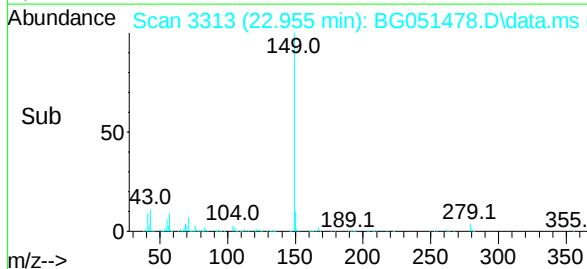
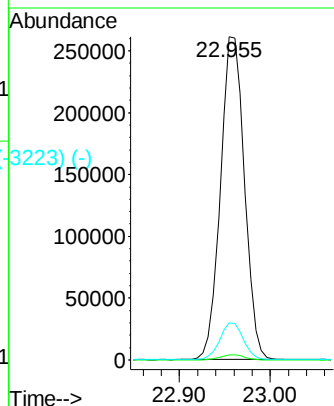
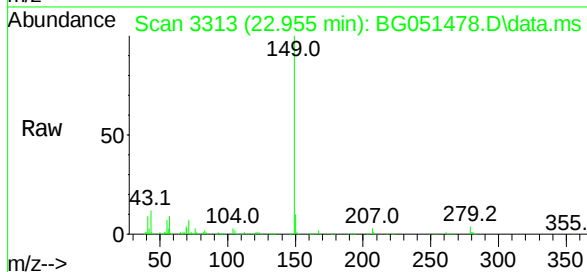
Tgt Ion:149 Resp: 479281

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

43 11.2 8.6 12.8



Abundance Scan 3709 (25.279 min): BG051122.D\data.ms (-3696) (-)

Perylene-d12

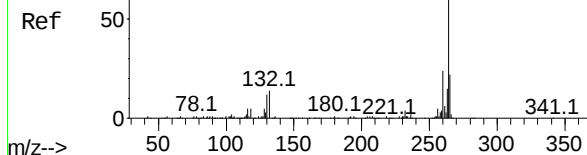
Concen: 20.00 ng

RT: 25.276 min Scan# 3708

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17



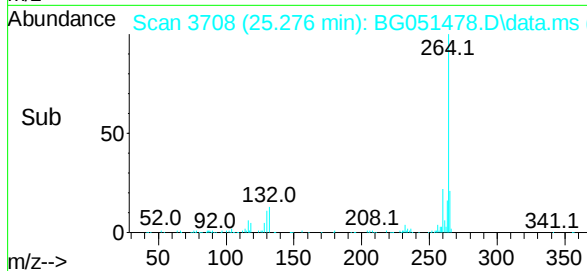
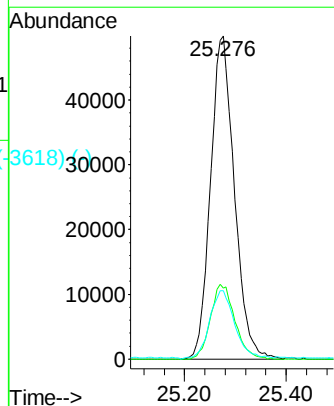
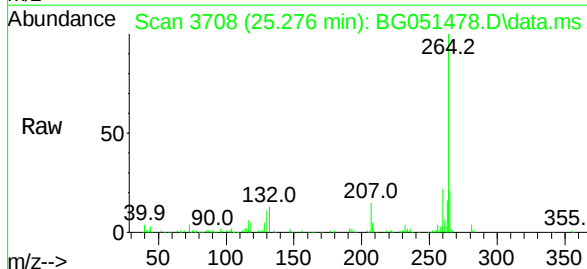
Tgt Ion:264 Resp: 162433

Ion Ratio Lower Upper

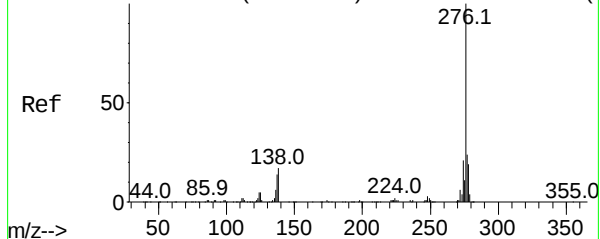
264 100

260 21.9 19.4 29.2

265 21.2 16.9 25.3



Abundance Scan 4376 (29.198 min): BG051122.D\data.ms (-4387) (-)



Indeno(1,2,3-cd)pyrene

Concen: 38.54 ng

RT: 29.201 min Scan# 4387

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

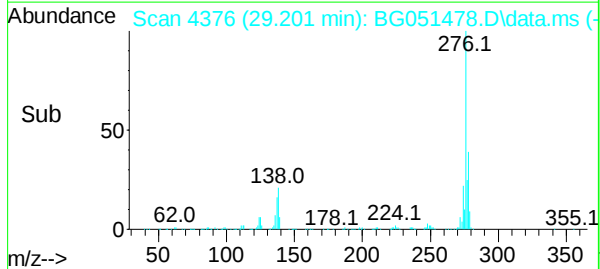
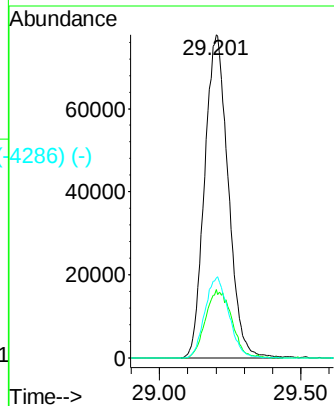
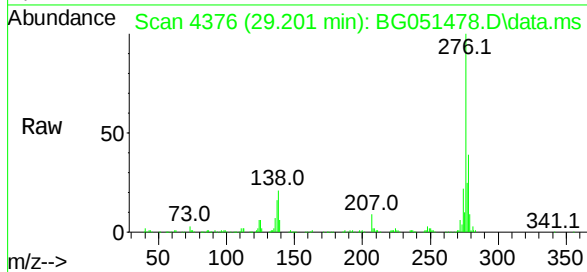
Tgt Ion:276 Resp: 449261

Ion Ratio Lower Upper

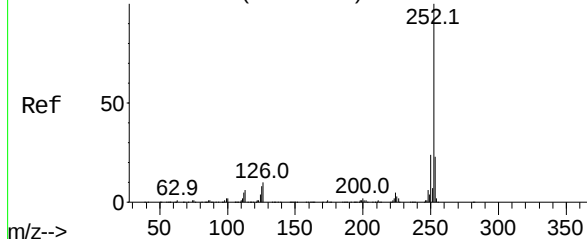
276 100

138 23.0 5.1 7.7#

277 25.3 19.8 29.6



Abundance Scan 3525 (24.198 min): BG051122.D\data.ms (-3528) (-)



Benzo(b)fluoranthene

Concen: 40.75 ng

RT: 24.183 min Scan# 3522

Delta R.T. 0.000 min

Lab File: BG051478.D

Acq: 11 Dec 2021 12:17

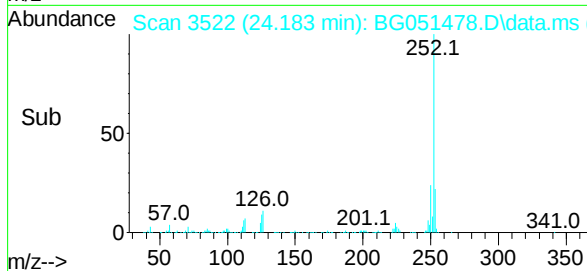
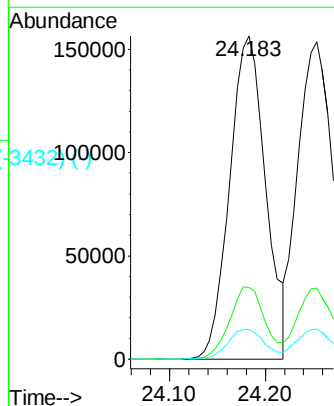
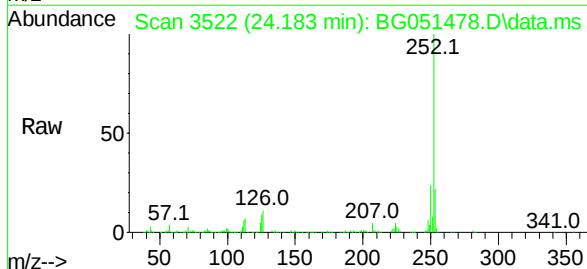
Tgt Ion:252 Resp: 407986

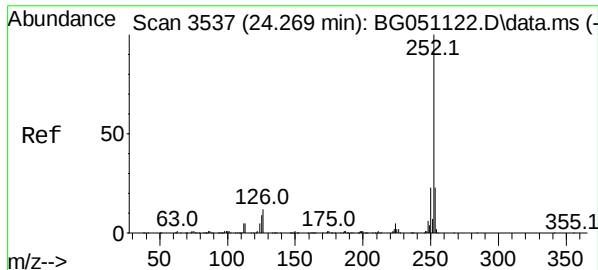
Ion Ratio Lower Upper

252 100

253 22.2 16.2 24.4

125 9.2 3.0 4.4#

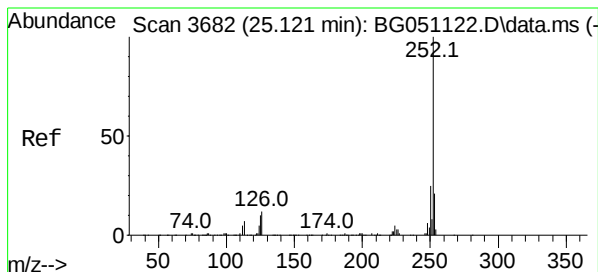
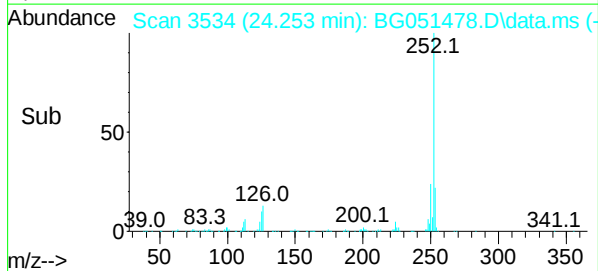
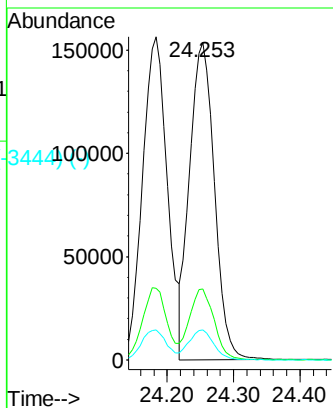
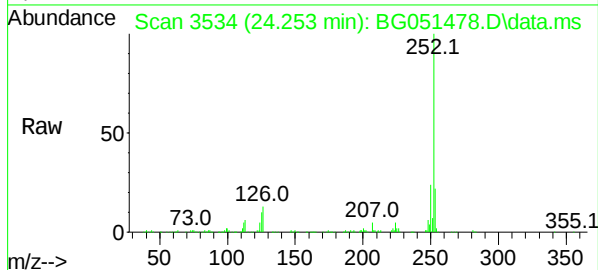




Benzo(k)fluoranthene
 Concen: 39.23 ng
 RT: 24.253 min Scan# 3539
 Delta R.T. 0.000 min
 Lab File: BG051478.D
 Acq: 11 Dec 2021 12:17

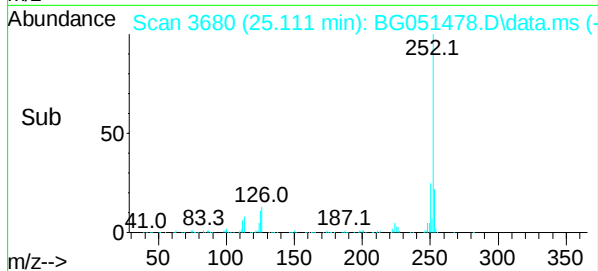
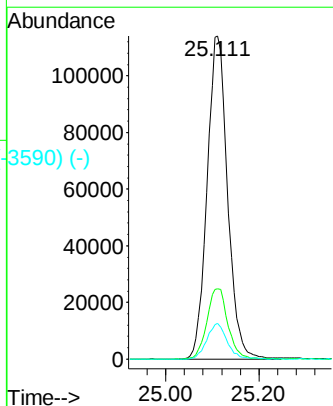
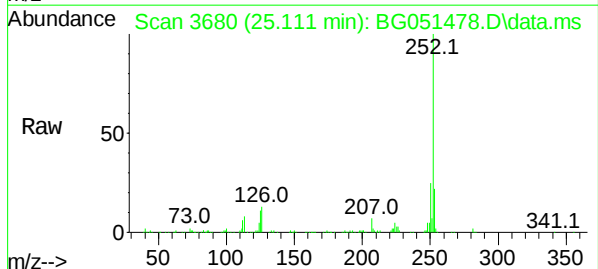
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

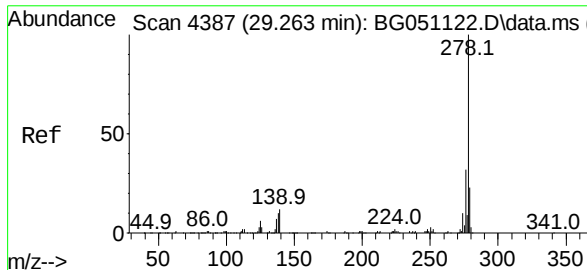
Tgt Ion:	252	Resp:	398458
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	9.6	3.1	4.7#



Benzo(a)pyrene
 Concen: 39.87 ng
 RT: 25.111 min Scan# 3680
 Delta R.T. 0.000 min
 Lab File: BG051478.D
 Acq: 11 Dec 2021 12:17

Tgt Ion:	252	Resp:	346431
Ion Ratio	Lower	Upper	
252	100		
253	21.8	16.6	25.0
125	11.1	3.5	5.3#

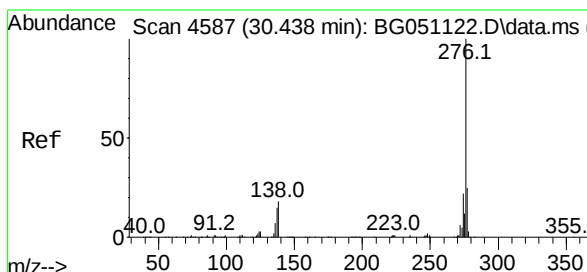
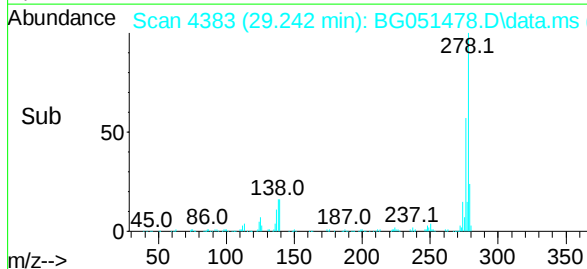
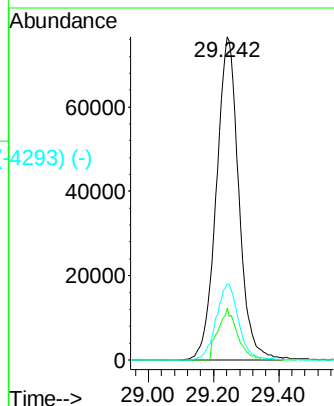
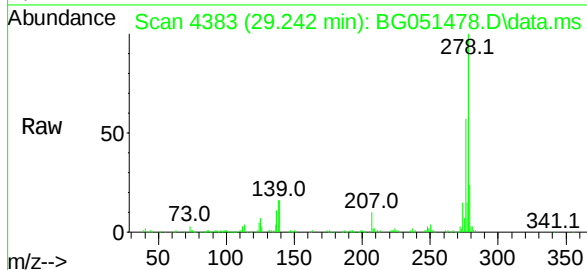




Dibenzo(a,h)anthracene
Concen: 37.88 ng
RT: 29.242 min Scan# 4383
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	278	Resp:	363796
Ion Ratio	Lower	Upper	
278	100		
139	16.1	4.6	6.8#
279	23.6	17.9	26.9



Benzo(g,h,i)perylene
Concen: 38.29 ng
RT: 30.429 min Scan# 4585
Delta R.T. 0.000 min
Lab File: BG051478.D
Acq: 11 Dec 2021 12:17

Tgt Ion:	276	Resp:	363695
Ion Ratio	Lower	Upper	
276	100		
277	24.7	18.4	27.6
138	20.2	7.0	10.6#

