

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051147.D
 Acq On : 20 Nov 2021 14:28
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 22 01:21:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	26289	20.00	ng	0.00
21) Naphthalene-d8	11.031	136	113754	20.00	ng	# 0.00
39) Acenaphthene-d10	14.839	164	79516	20.00	ng	0.00
64) Phenanthrene-d10	17.588	188	181049	20.00	ng	# 0.00
76) Chrysene-d12	21.889	240	162760	20.00	ng	# 0.00
86) Perylene-d12	25.291	264	165538	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	133987	78.79	ng	0.00
7) Phenol-d6	7.359	99	187634	78.34	ng	0.00
23) Nitrobenzene-d5	9.380	82	194242	77.95	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	68634	81.21	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	406893	77.22	ng	0.00
79) Terphenyl-d14	20.174	244	694266	77.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	28116	39.43	ng	94
3) Pyridine	3.998	79	84583	39.87	ng	# 87
4) n-Nitrosodimethylamine	3.910	42	37098	40.67	ng	# 34
6) Aniline	7.524	93	110735	38.92	ng	96
8) 2-Chlorophenol	7.765	128	70542	39.52	ng	92
9) Benzaldehyde	7.336	77	61266	35.35	ng	91
10) Phenol	7.389	94	95961	39.03	ng	81
11) bis(2-Chloroethyl)ether	7.612	93	72449	38.97	ng	86
12) 1,3-Dichlorobenzene	8.094	146	76149	39.88	ng	95
13) 1,4-Dichlorobenzene	8.241	146	77048	38.92	ng	95
14) 1,2-Dichlorobenzene	8.564	146	74089	39.46	ng	95
15) Benzyl Alcohol	8.446	79	75633	39.52	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.728	45	104272	38.80	ng	91
17) 2-Methylphenol	8.646	107	65008	39.16	ng	90
18) Hexachloroethane	9.292	117	28951	39.14	ng	98
19) n-Nitroso-di-n-propyla...	9.010	70	67719	38.30	ng	# 85
20) 3+4-Methylphenols	8.975	107	91799	38.80	ng	92
22) Acetophenone	9.034	105	118931	38.70	ng	# 92
24) Nitrobenzene	9.422	77	94769	39.21	ng	# 94
25) Isophorone	9.944	82	171825	38.30	ng	# 94
26) 2-Nitrophenol	10.138	139	43240	39.52	ng	# 87
27) 2,4-Dimethylphenol	10.185	122	61597	38.14	ng	90
28) bis(2-Chloroethoxy)met...	10.420	93	102231	38.27	ng	93
29) 2,4-Dichlorophenol	10.679	162	70908	38.91	ng	94
30) 1,2,4-Trichlorobenzene	10.890	180	80138	39.15	ng	96
31) Naphthalene	11.084	128	230239	38.36	ng	97
32) Benzoic acid	10.344	122	44734	40.16	ng	# 77
33) 4-Chloroaniline	11.196	127	99468	38.56	ng	94
34) Hexachlorobutadiene	11.349	225	49980	39.54	ng	98
35) Caprolactam	11.977	113	19122	39.29	ng	# 87
36) 4-Chloro-3-methylphenol	12.300	107	87893	39.06	ng	# 90
37) 2-Methylnaphthalene	12.677	142	163721	38.50	ng	94
38) 1-Methylnaphthalene	12.894	142	158541	38.19	ng	91
40) 1,2,4,5-Tetrachloroben...	13.041	216	93951	38.88	ng	96
41) Hexachlorocyclopentadiene	13.006	237	35817	56.83	ng	87

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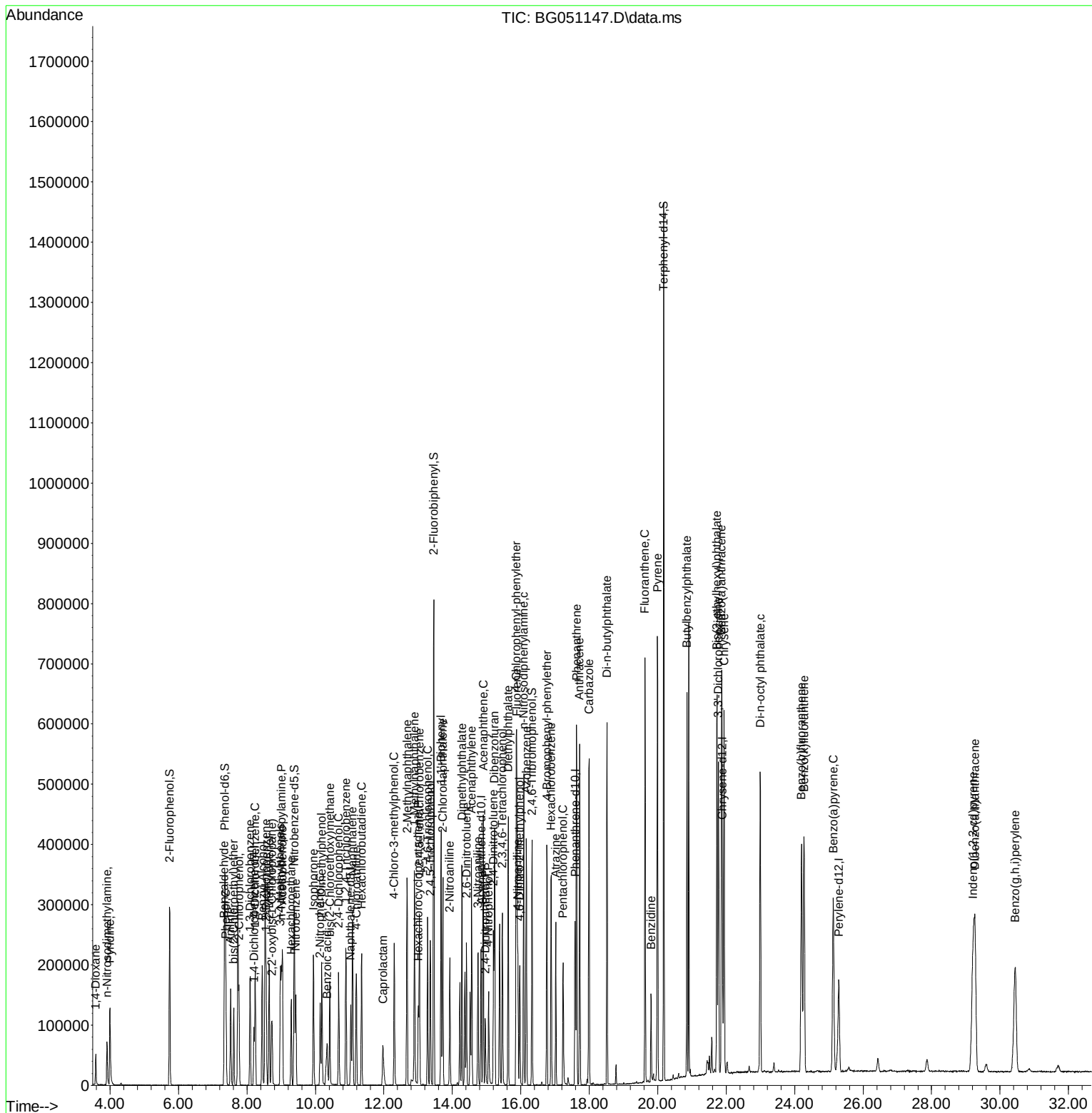
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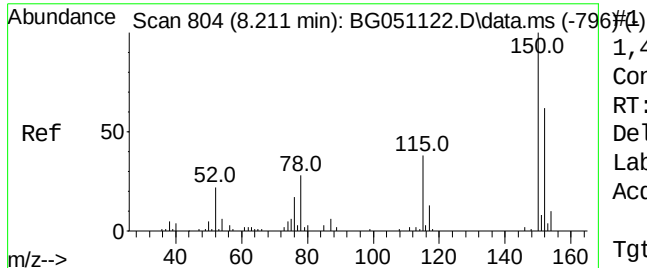
Quant Time: Nov 22 01:21:21 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.276	196	66951	40.18	ng	92
44) 2,4,5-Trichlorophenol	13.358	196	69756	38.73	ng	91
46) 1,1'-Biphenyl	13.669	154	221451	38.74	ng	95
47) 2-Chloronaphthalene	13.722	162	173869	38.42	ng	98
48) 2-Nitroaniline	13.928	65	64602	39.50	ng	92
49) Acenaphthylene	14.563	152	277502	38.46	ng	97
50) Dimethylphthalate	14.281	163	236910	38.67	ng	99
51) 2,6-Dinitrotoluene	14.410	165	50494	39.46	ng	82
52) Acenaphthene	14.903	154	162912	38.69	ng	90
53) 3-Nitroaniline	14.751	138	57158	39.88	ng	100
54) 2,4-Dinitrophenol	14.962	184	27861	40.86	ng	82
55) Dibenzofuran	15.232	168	283638	38.79	ng	94
56) 4-Nitrophenol	15.062	139	42375	42.03	ng	# 72
57) 2,4-Dinitrotoluene	15.203	165	72683	39.66	ng	# 91
58) Fluorene	15.885	166	222971	38.84	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.461	232	60253	38.97	ng	# 99
60) Diethylphthalate	15.632	149	249897	38.68	ng	96
61) 4-Chlorophenyl-phenyle...	15.867	204	122209	38.94	ng	94
62) 4-Nitroaniline	15.914	138	58987	38.48	ng	# 65
63) Azobenzene	16.161	77	251255	38.83	ng	82
65) 4,6-Dinitro-2-methylph...	15.967	198	47129	43.59	ng	91
66) n-Nitrosodiphenylamine	16.084	169	201353	38.75	ng	98
67) 4-Bromophenyl-phenylether	16.760	248	76952	39.30	ng	95
68) Hexachlorobenzene	16.889	284	78150	39.27	ng	97
69) Atrazine	17.024	200	52532	38.02	ng	99
70) Pentachlorophenol	17.236	266	39524	43.68	ng	97
71) Phenanthrene	17.630	178	375245	38.56	ng	97
72) Anthracene	17.718	178	373021	38.64	ng	98
73) Carbazole	17.994	167	363573	38.29	ng	98
74) Di-n-butylphthalate	18.517	149	441579	38.41	ng	# 97
75) Fluoranthene	19.627	202	462774	38.57	ng	96
77) Benzidine	19.803	184	87149	32.61	ng	97
78) Pyrene	19.991	202	467089	39.57	ng	99
80) Butylbenzylphthalate	20.855	149	192595	38.27	ng	96
81) Benzo(a)anthracene	21.866	228	426824	38.45	ng	99
82) 3,3'-Dichlorobenzidine	21.772	252	188403	37.98	ng	# 98
83) Chrysene	21.936	228	403451	38.71	ng	97
84) Bis(2-ethylhexyl)phtha...	21.731	149	269210	38.41	ng	98
85) Di-n-octyl phthalate	22.994	149	453443	38.61	ng	99
87) Indeno(1,2,3-cd)pyrene	29.210	276	457502	38.51	ng	# 90
88) Benzo(b)fluoranthene	24.198	252	407954	39.98	ng	# 94
89) Benzo(k)fluoranthene	24.275	252	391748	37.85	ng	# 97
90) Benzo(a)pyrene	25.127	252	341931	38.62	ng	# 97
91) Dibenzo(a,h)anthracene	29.263	278	372535	38.06	ng	# 95
92) Benzo(g,h,i)perylene	30.444	276	371588	38.39	ng	# 93

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

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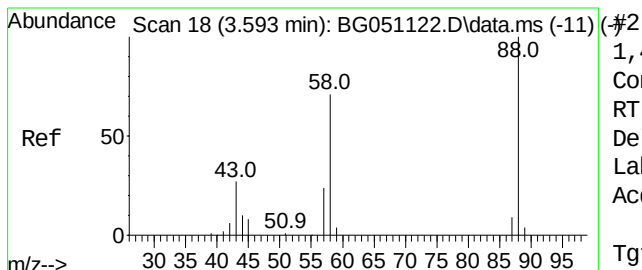
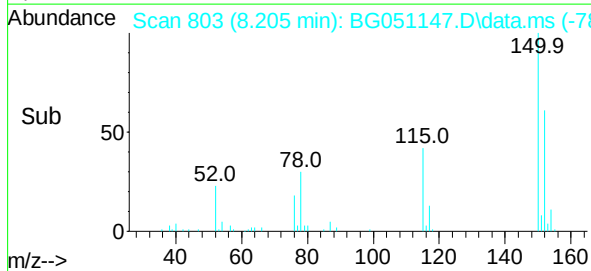
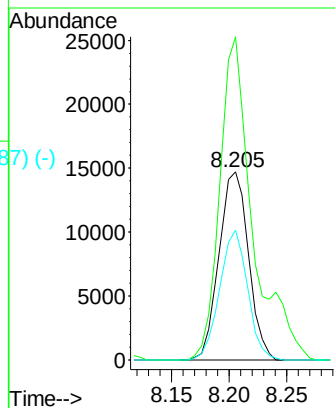
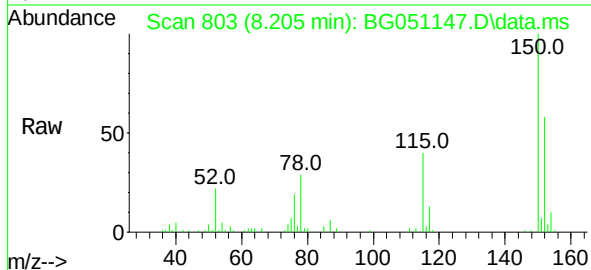




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.205 min Scan# 8
 Delta R.T. -0.006 min
 Lab File: BG051147.D
 Acq: 20 Nov 2021 14:28

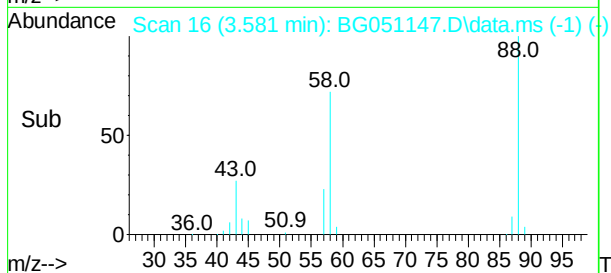
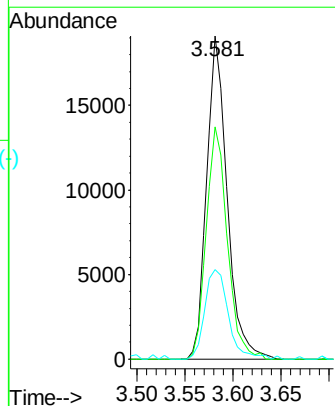
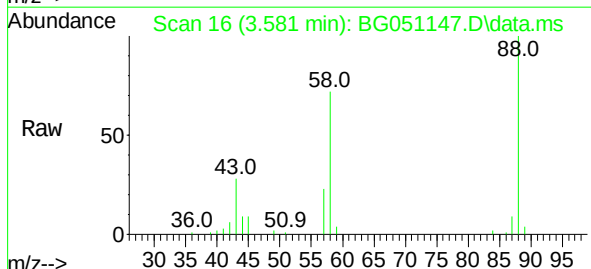
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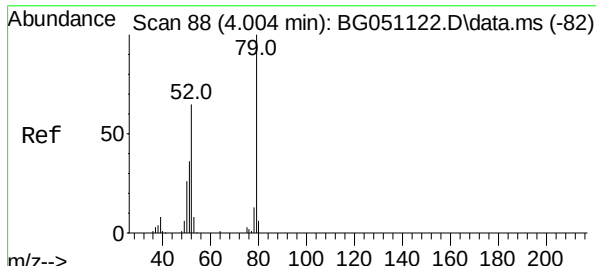
Tgt Ion:152 Resp: 26289
 Ion Ratio Lower Upper
 152 100
 150 171.9 119.4 179.0
 115 69.1 60.2 90.4



1,4-Dioxane
 Concen: 39.43 ng
 RT: 3.581 min Scan# 16
 Delta R.T. -0.012 min
 Lab File: BG051147.D
 Acq: 20 Nov 2021 14:28

Tgt Ion: 88 Resp: 28116
 Ion Ratio Lower Upper
 88 100
 58 73.9 55.7 83.5
 43 31.9 29.3 43.9



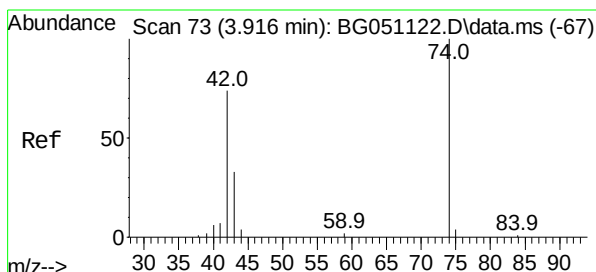
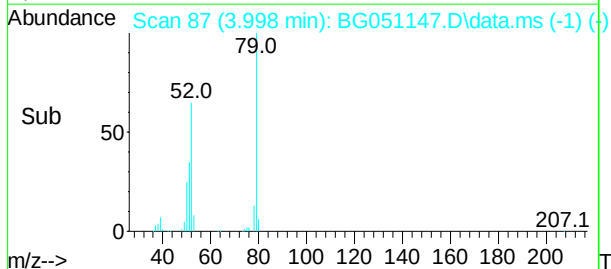
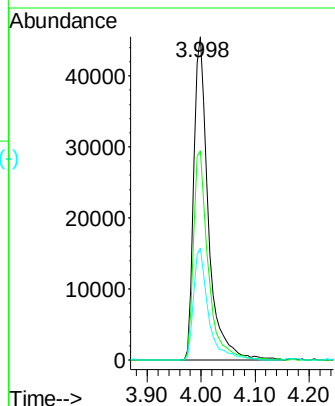
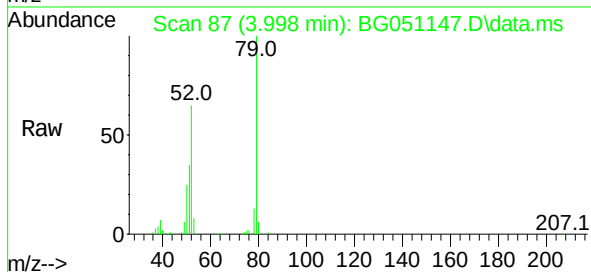


Pyridine
 Concen: 39.87 ng
 RT: 3.998 min Scan# 88
 Delta R.T. -0.006 min
 Lab File: BG051147.D
 Acq: 20 Nov 2021 14:28

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 79 Resp: 84583

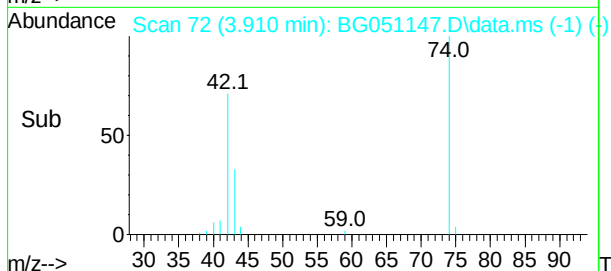
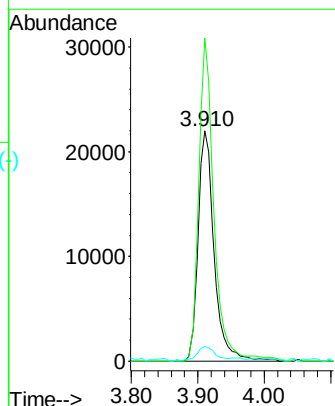
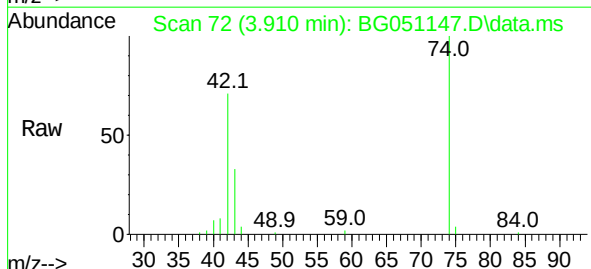
Ion	Ratio	Lower	Upper
79	100		
52	64.8	58.4	87.6
51	34.7	37.0	55.6#

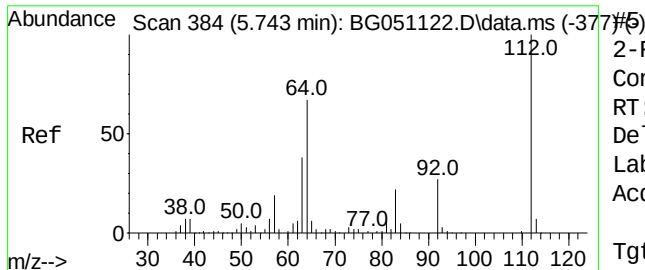


n-Nitrosodimethylamine
 Concen: 40.67 ng
 RT: 3.910 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BG051147.D
 Acq: 20 Nov 2021 14:28

Tgt Ion: 42 Resp: 37098

Ion	Ratio	Lower	Upper
42	100		
74	140.2	64.0	96.0#
44	6.3	2.7	4.1#





2-Fluorophenol

Concen: 78.79 ng

RT: 5.738 min Scan#

Delta R.T. -0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

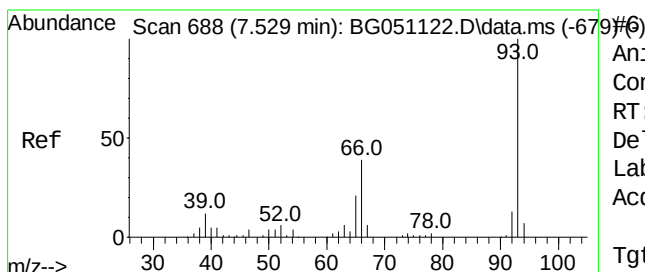
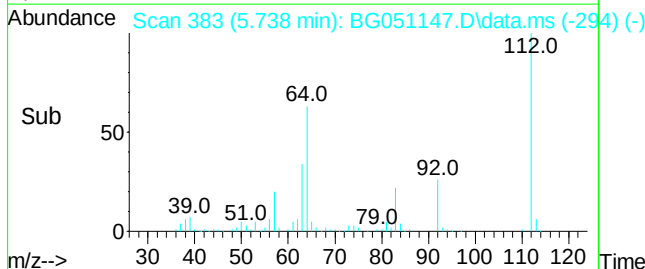
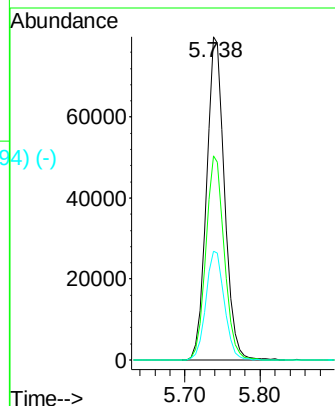
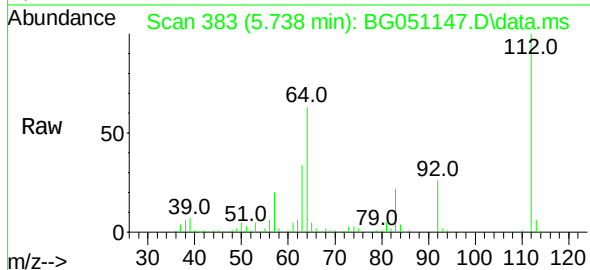
Tgt Ion: 112 Resp: 133987

Ion Ratio Lower Upper

112 100

64 63.1 46.7 70.1

63 33.7 35.3 52.9#



Aniline

Concen: 38.92 ng

RT: 7.524 min Scan# 687

Delta R.T. -0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

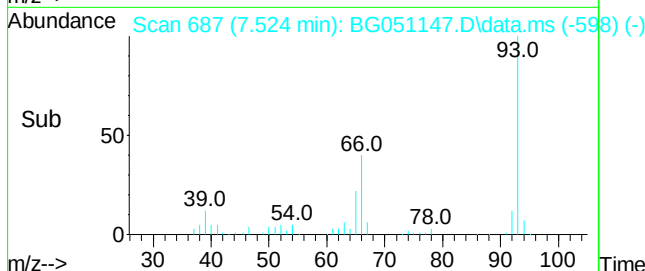
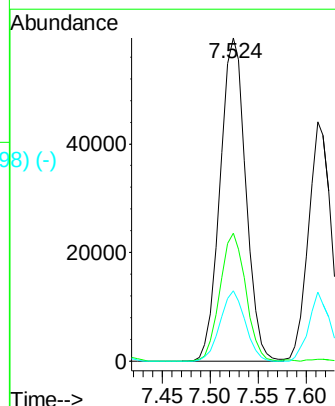
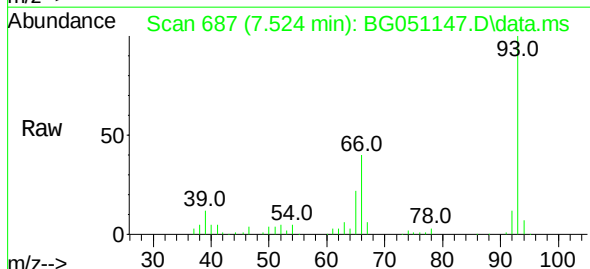
Tgt Ion: 93 Resp: 110735

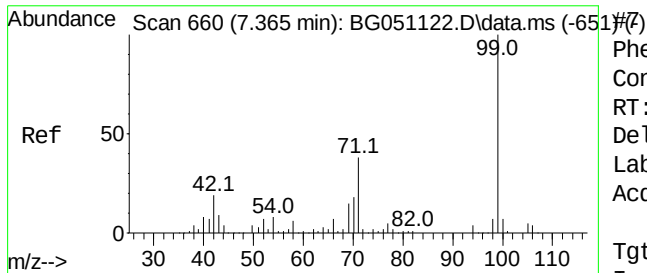
Ion Ratio Lower Upper

93 100

66 39.6 30.6 45.8

65 21.8 15.0 22.4

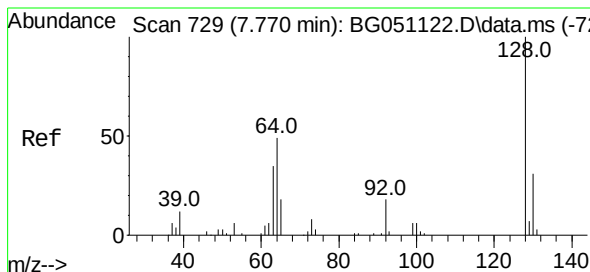
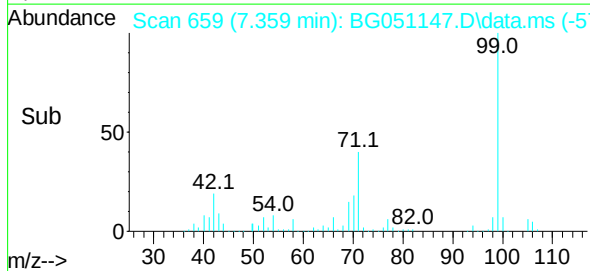
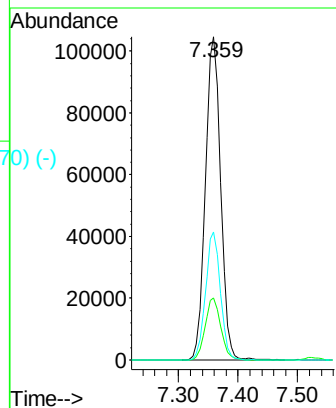
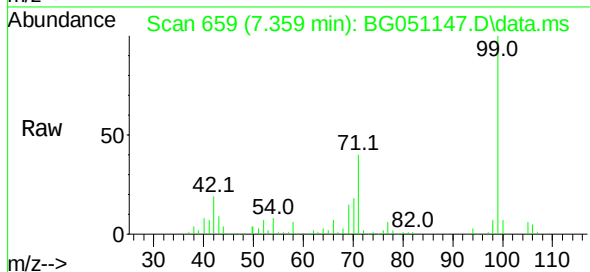




Phenol-d6
Concen: 78.34 ng
RT: 7.359 min Scan#
Delta R.T. -0.006 min
Lab File: BG051147.D
Acq: 20 Nov 2021 14:28

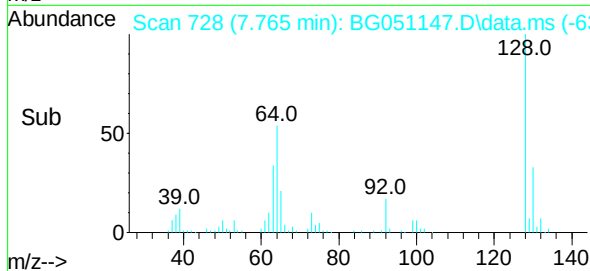
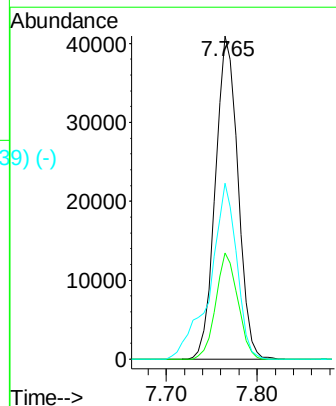
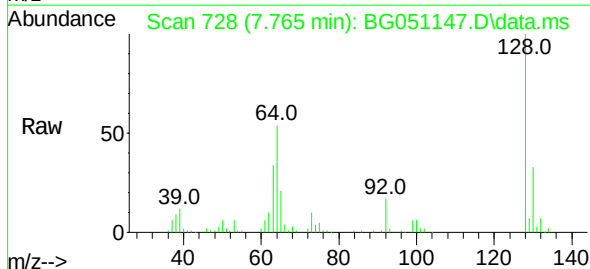
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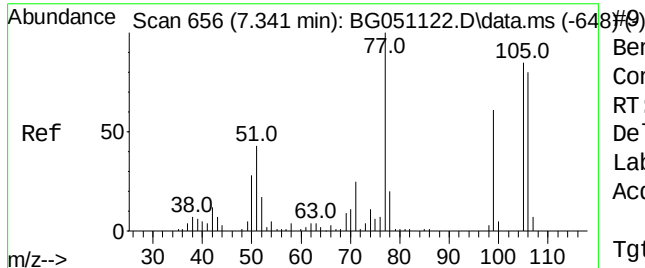
Tgt Ion:	99	Resp:	187634
Ion	Ratio	Lower	Upper
99	100		
42	19.3	20.5	30.7#
71	39.7	41.5	62.3#



2-Chlorophenol
Concen: 39.52 ng
RT: 7.765 min Scan# 728
Delta R.T. -0.006 min
Lab File: BG051147.D
Acq: 20 Nov 2021 14:28

Tgt Ion:	128	Resp:	70542
Ion	Ratio	Lower	Upper
128	100		
130	32.8	10.0	50.0
64	54.5	28.1	68.1





Benzaldehyde

Concen: 35.35 ng

RT: 7.336 min Scan#

Delta R.T. -0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

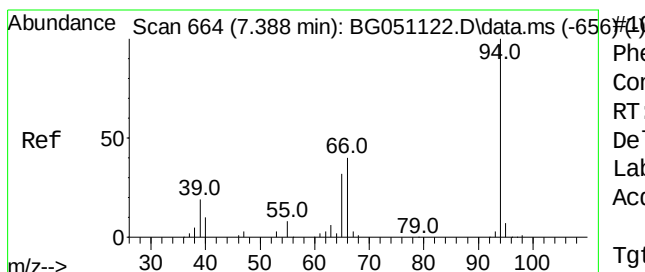
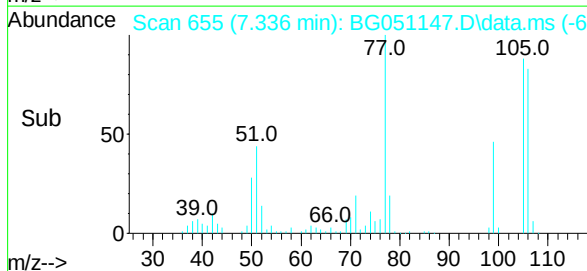
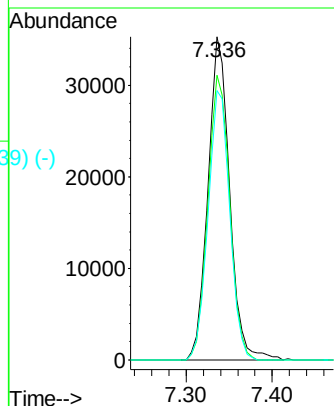
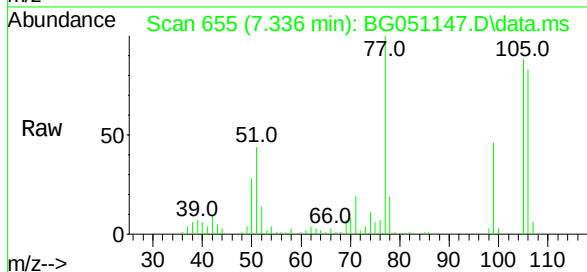
Tgt Ion: 77 Resp: 61266

Ion Ratio Lower Upper

77 100

105 88.0 68.8 108.8

106 83.4 47.9 87.9



Phenol

Concen: 39.03 ng

RT: 7.389 min Scan# 664

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

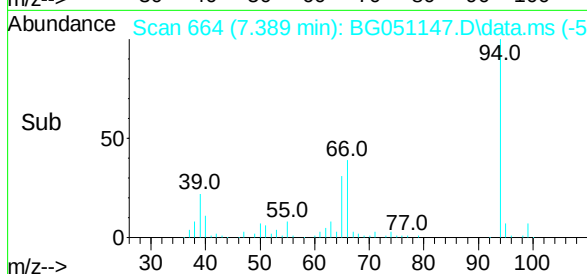
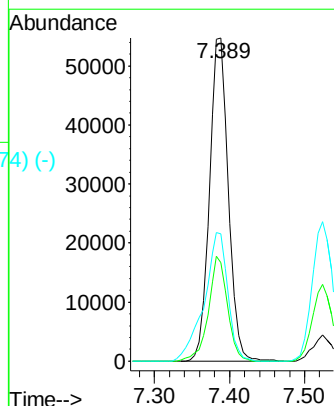
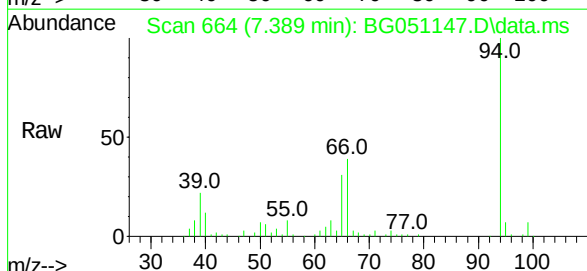
Tgt Ion: 94 Resp: 95961

Ion Ratio Lower Upper

94 100

65 30.5 12.9 52.9

66 39.5 39.4 79.4



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

bis(2-Chloroethyl)ether
Concen: 38.97 ng
RT: 7.612 min Scan#
Delta R.T. -0.006 min
Lab File: BG051147.D
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Instrument :

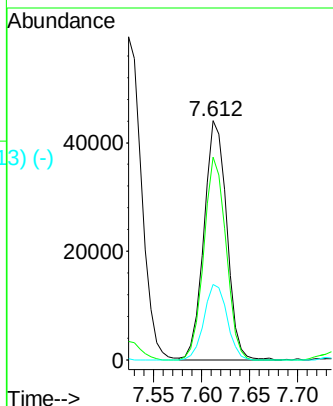
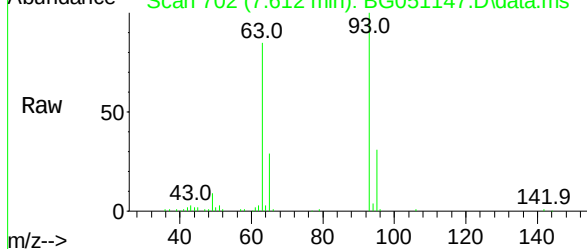
BNA_G

ClientSampleId :

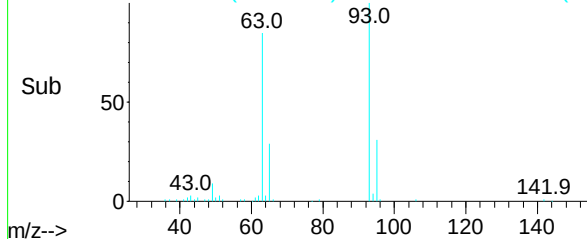
SSTDCCC040

Tgt Ion: 93 Resp: 72449
Ion Ratio Lower Upper
93 100
63 84.9 50.4 90.4
95 31.4 15.3 55.3

Abundance Scan 702 (7.612 min): BG051147.D\data.ms



Abundance Scan 702 (7.612 min): BG051147.D\data.ms (-613) (-)

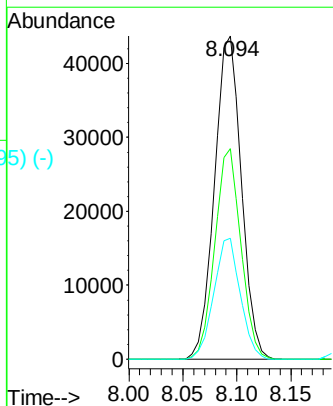
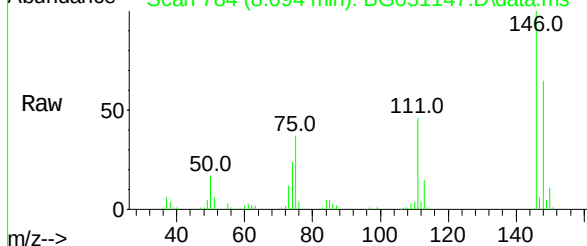


Abundance Scan 785 (8.099 min): BG051122.D\data.ms (-777) #12

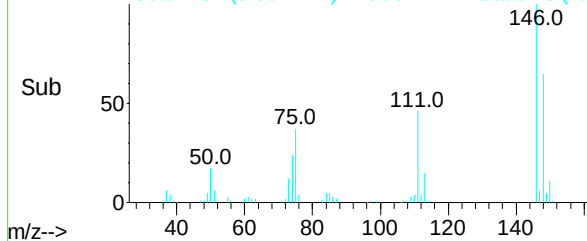
1,3-Dichlorobenzene
Concen: 39.88 ng
RT: 8.094 min Scan# 784
Delta R.T. -0.006 min
Lab File: BG051147.D
Acq: 20 Nov 2021 14:28

Tgt Ion:146 Resp: 76149
Ion Ratio Lower Upper
146 100
148 65.1 52.6 78.8
75 37.4 35.7 53.5

Abundance Scan 784 (8.094 min): BG051147.D\data.ms



Abundance Scan 784 (8.094 min): BG051147.D\data.ms (-695) (-)



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

1,4-Dichlorobenzene

Concen: 38.92 ng

RT: 8.241 min Scan# 810

Delta R.T. -0.006 min

Lab File: BG051147.D

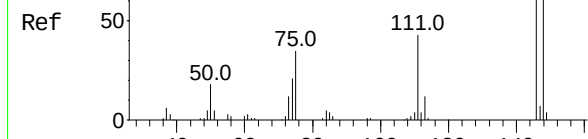
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



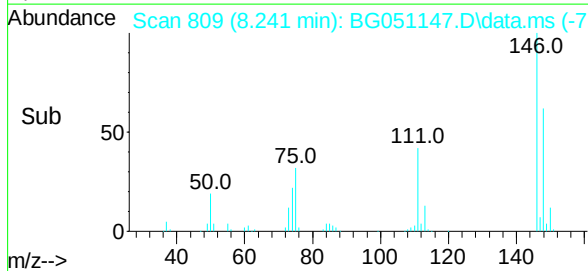
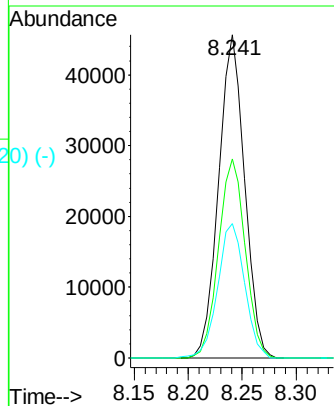
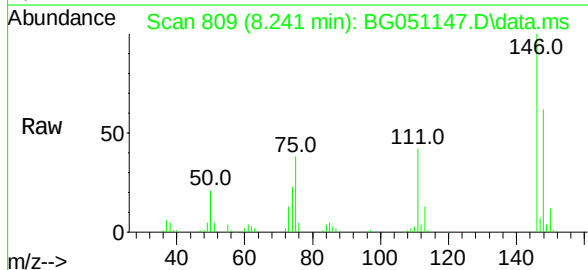
Tgt Ion:146 Resp: 77048

Ion Ratio Lower Upper

146 100

148 61.6 54.0 81.0

111 41.7 34.3 51.5



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

1,2-Dichlorobenzene

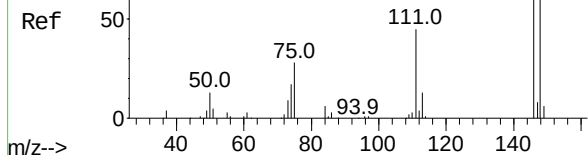
Concen: 39.46 ng

RT: 8.564 min Scan# 864

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28



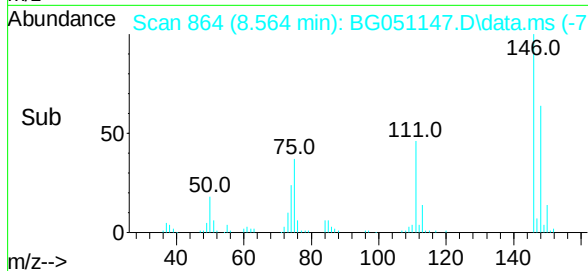
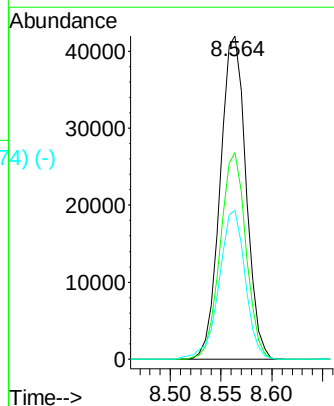
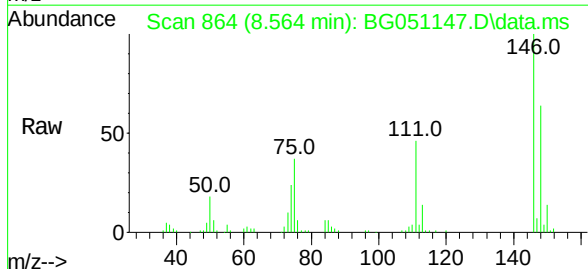
Tgt Ion:146 Resp: 74089

Ion Ratio Lower Upper

146 100

148 64.0 47.5 71.3

111 46.1 39.1 58.7



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

Benzyl Alcohol

Concen: 39.52 ng

RT: 8.446 min Scan# 844

Delta R.T. 0.000 min

Lab File: BG051147.D

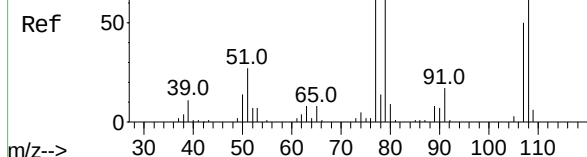
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



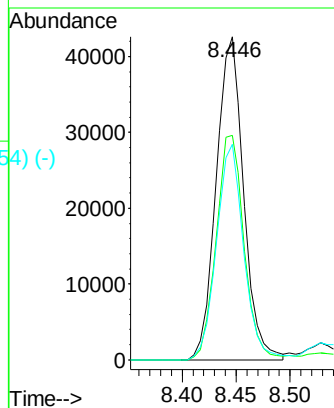
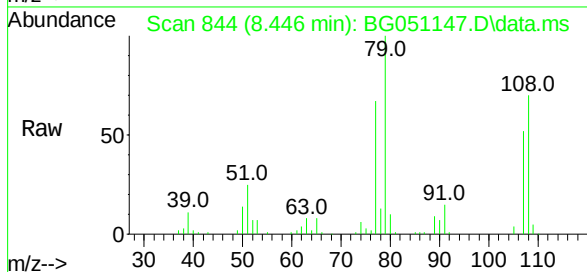
Tgt Ion: 79 Resp: 75633

Ion Ratio Lower Upper

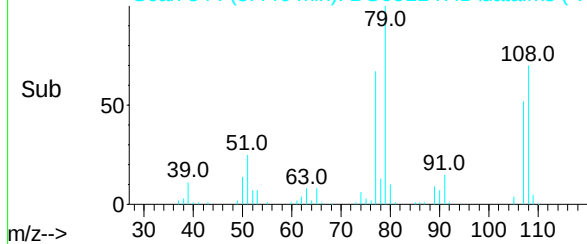
79 100

108 69.6 48.2 72.4

77 66.8 57.3 85.9



Abundance Scan 844 (8.446 min): BG051147.D\data.ms (-754) (-)



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

2,2'-oxybis(1-Chloropropane)

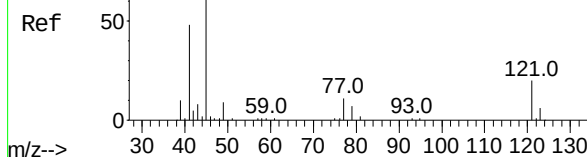
Concen: 38.80 ng

RT: 8.728 min Scan# 892

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28



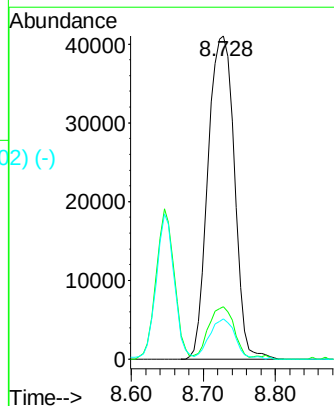
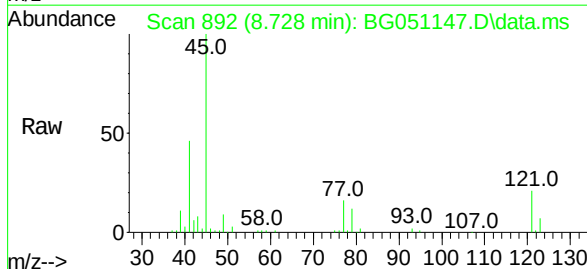
Tgt Ion: 45 Resp: 104272

Ion Ratio Lower Upper

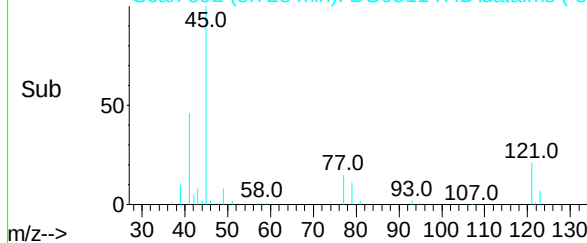
45 100

77 16.2 2.2 42.2

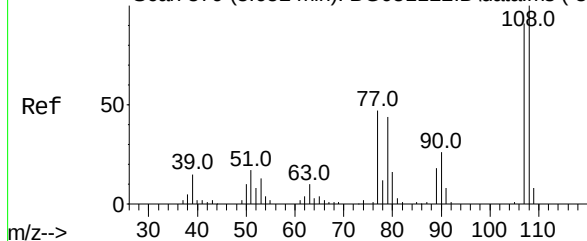
79 12.5 0.0 34.3



Abundance Scan 892 (8.728 min): BG051147.D\data.ms (-802) (-)



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



2-Methylphenol

Concen: 39.16 ng

RT: 8.646 min Scan# 879

Delta R.T. -0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 65008

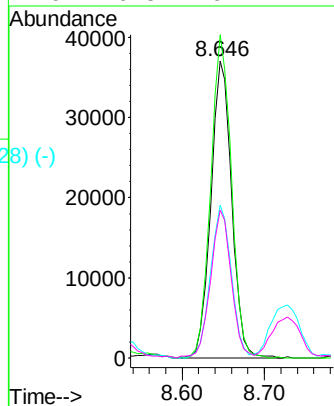
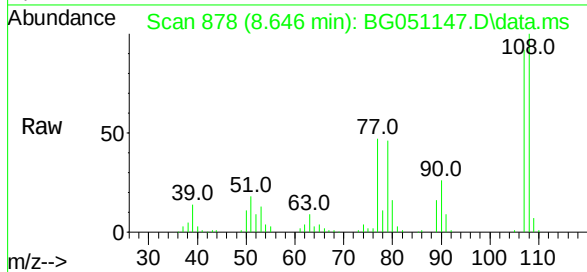
Ion Ratio Lower Upper

107 100

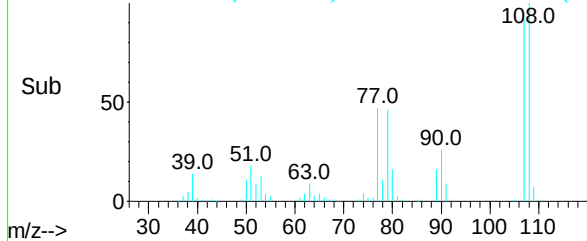
108 108.8 84.6 127.0

77 51.4 50.7 76.1

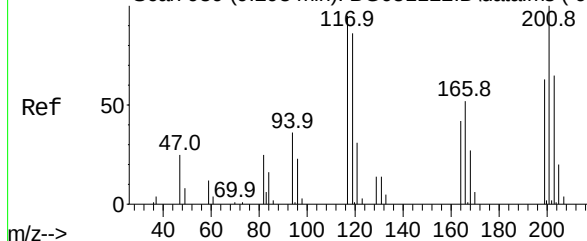
79 49.8 49.4 74.0



Abundance Scan 878 (8.646 min): BG051147.D\data.ms (-828) (-)



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



Hexachloroethane

Concen: 39.14 ng

RT: 9.292 min Scan# 988

Delta R.T. -0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

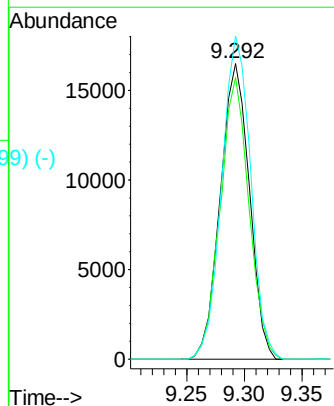
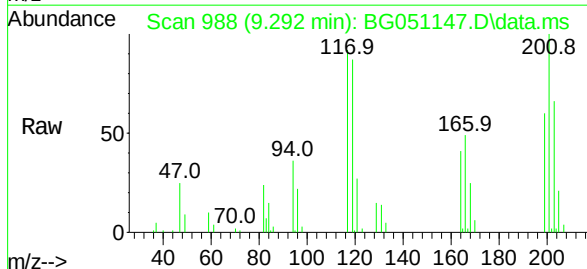
Tgt Ion:117 Resp: 28951

Ion Ratio Lower Upper

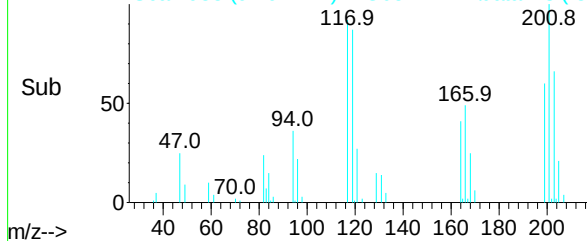
117 100

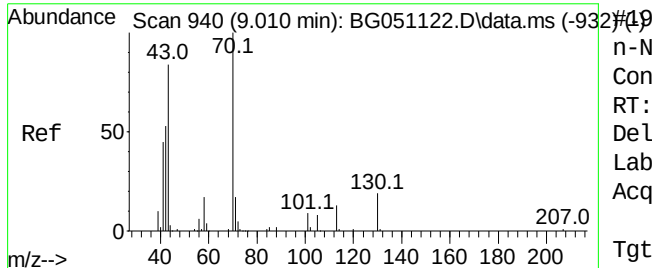
119 95.2 74.4 111.6

201 109.3 88.6 133.0



Abundance Scan 988 (9.292 min): BG051147.D\data.ms (-899) (-)

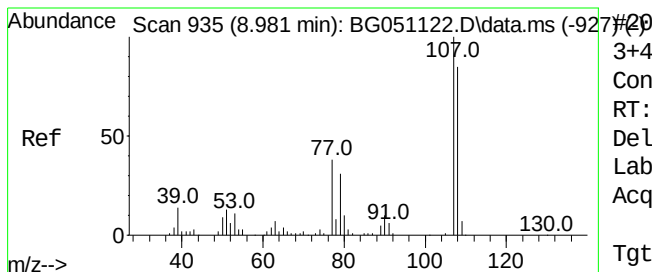
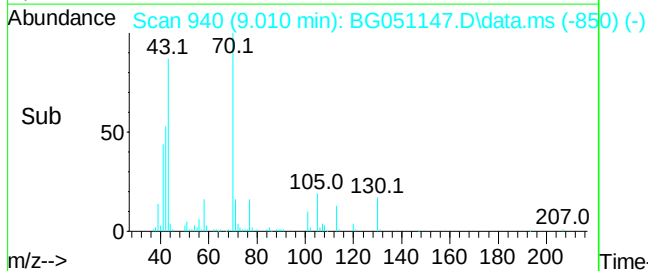
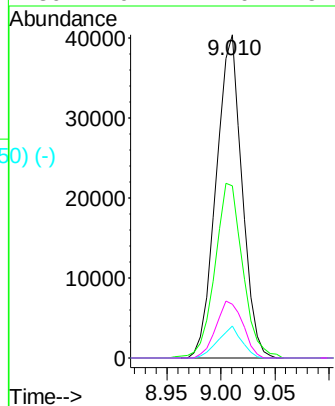
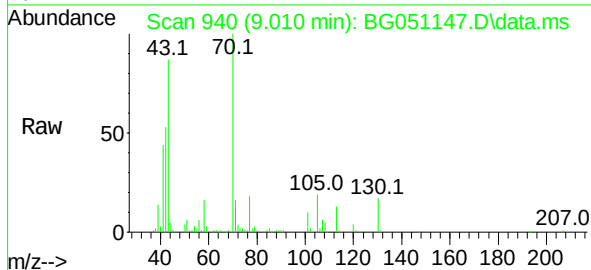




n-Nitroso-di-n-propylamine
 Concen: 38.30 ng
 RT: 9.010 min Scan# 934
 Delta R.T. 0.000 min
 Lab File: BG051147.D
 Acq: 20 Nov 2021 14:28

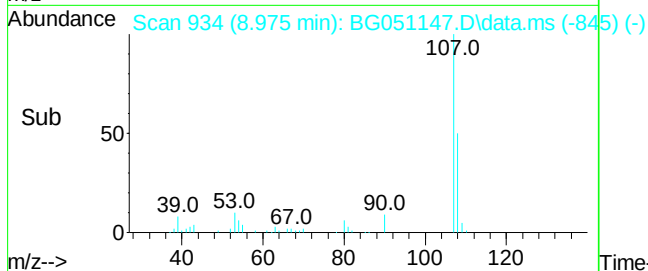
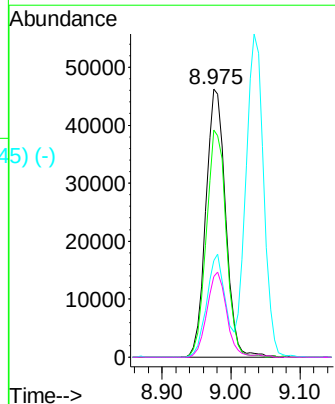
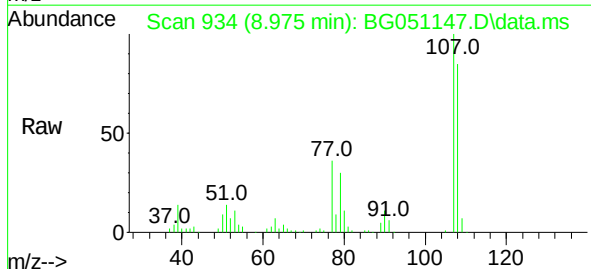
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	70	Resp:	67719
Ion	Ratio	Lower	Upper
70	100		
42	53.3	54.5	81.7#
101	9.8	9.0	13.6
130	16.7	17.0	25.6#



3+4-Methylphenols
 Concen: 38.80 ng
 RT: 8.975 min Scan# 934
 Delta R.T. -0.006 min
 Lab File: BG051147.D
 Acq: 20 Nov 2021 14:28

Tgt Ion:	107	Resp:	91799
Ion	Ratio	Lower	Upper
107	100		
108	84.6	69.3	109.3
77	36.1	25.2	65.2
79	29.9	15.1	55.1



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

Naphthalene-d8

Concen: 20.00 ng

RT: 11.031 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BG051147.D

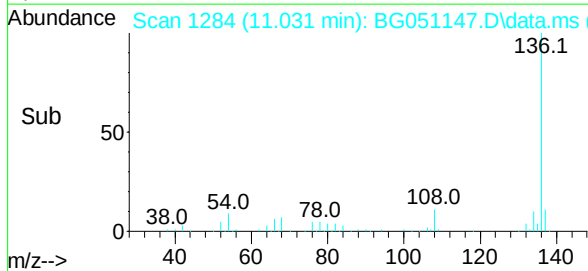
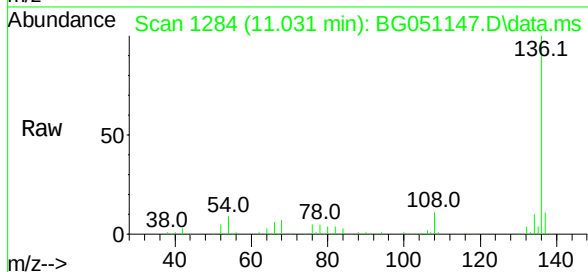
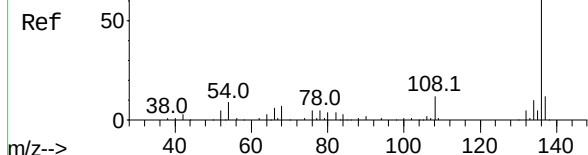
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 113754

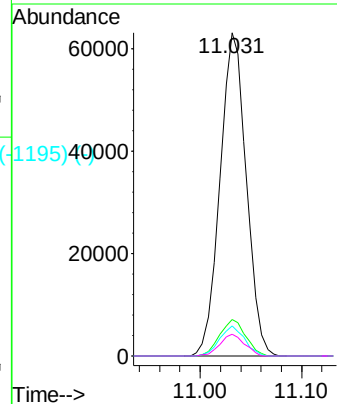
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.2

54 9.3 5.5 8.3#

68 6.6 2.3 3.5#



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

Acetophenone

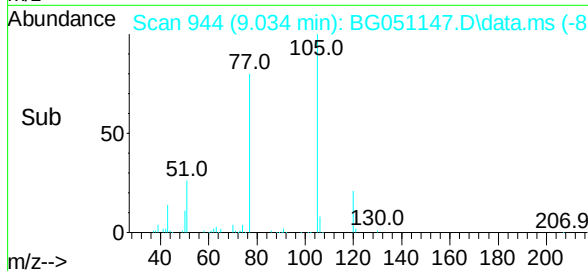
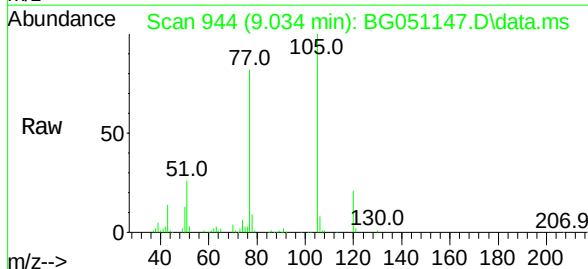
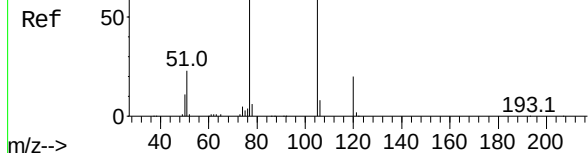
Concen: 38.70 ng

RT: 9.034 min Scan# 944

Delta R.T. -0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28



Tgt Ion:105 Resp: 118931

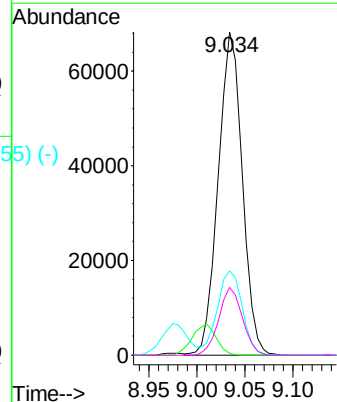
Ion Ratio Lower Upper

105 100

71 0.6 0.6 0.8

51 26.2 26.6 40.0#

120 20.9 16.2 24.4



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

Nitrobenzene-d5

Concen: 77.95 ng

RT: 9.380 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 194242

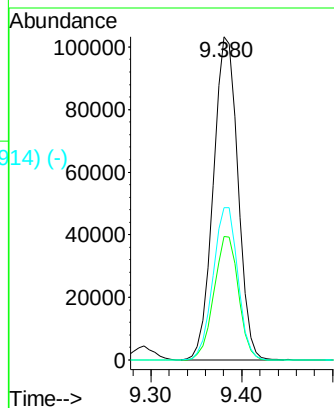
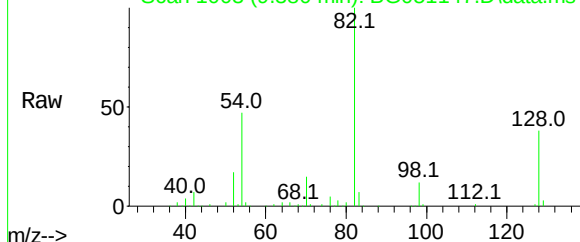
Ion Ratio Lower Upper

82 100

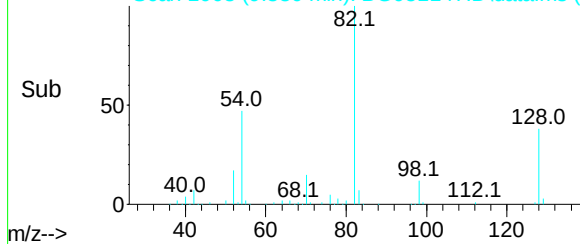
128 38.2 29.8 44.6

54 47.0 45.8 68.8

Abundance Scan 1003 (9.380 min): BG051147.D\data.ms



Abundance Scan 1003 (9.380 min): BG051147.D\data.ms (-914) (-)



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

Nitrobenzene

Concen: 39.21 ng

RT: 9.422 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Tgt Ion: 77 Resp: 94769

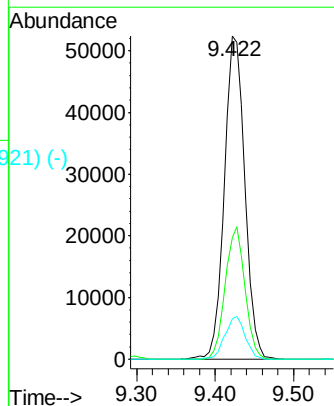
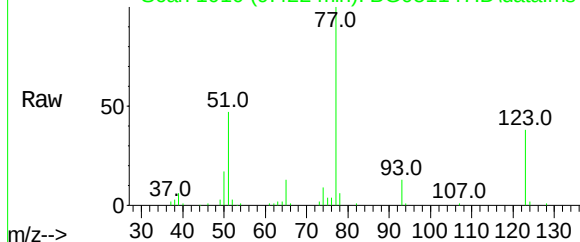
Ion Ratio Lower Upper

77 100

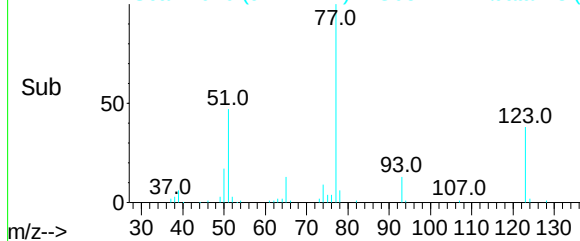
123 37.7 27.5 41.3

65 12.5 12.6 18.8#

Abundance Scan 1010 (9.422 min): BG051147.D\data.ms



Abundance Scan 1010 (9.422 min): BG051147.D\data.ms (-921) (-)



Abundance Scan 1099 (9.944 min): BG051122.D\data.ms (-10925)

Isophorone

Concen: 38.30 ng

RT: 9.944 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 171825

Ion Ratio Lower Upper

82 100

95 7.4 8.5 12.7#

138 16.1 11.8 17.6

Abundance Scan 1099 (9.944 min): BG051147.D\data.ms

Ref 50

39.0 54.0 82.0 110.0 138.1

m/z-->

Raw 50

39.0 54.0 82.0 110.0 138.1

m/z-->

Sub 50

39.0 54.0 82.0 110.0 138.1

m/z-->

Abundance

9.944

80000

60000

40000

20000

0

Time-->

Abundance Scan 1099 (9.944 min): BG051147.D\data.ms (-1009)

Ref 50

39.0 54.0 82.0 110.0 138.1

m/z-->

Sub 50

39.0 54.0 82.0 110.0 138.1

m/z-->

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

2-Nitrophenol

Concen: 39.52 ng

RT: 10.138 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Tgt Ion:139 Resp: 43240

Ion Ratio Lower Upper

139 100

109 36.8 37.8 56.6#

65 56.3 51.8 77.8

Abundance Scan 1132 (10.138 min): BG051147.D\data.ms

Ref 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Raw 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Sub 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance

10.138

20000

15000

10000

5000

0

Time-->

Abundance Scan 1132 (10.138 min): BG051147.D\data.ms (-1043)

Ref 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Sub 50

39.0 65.0 81.0 109.0 139.0

m/z-->

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

2,4-Dimethylphenol

Concen: 38.14 ng

RT: 10.185 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BG051147.D

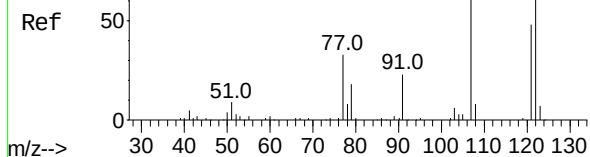
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



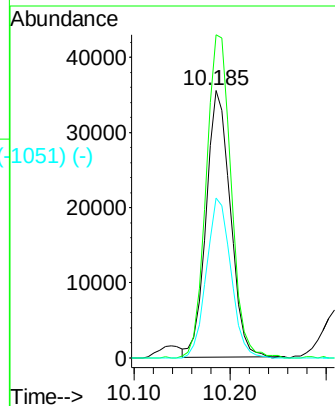
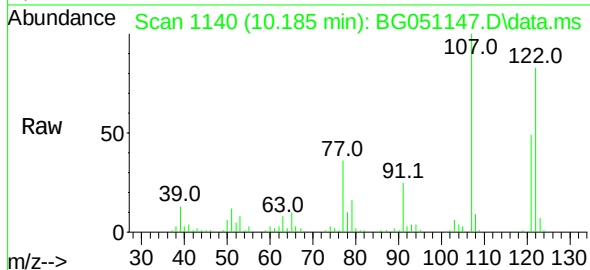
Tgt Ion: 122 Resp: 61597

Ion Ratio Lower Upper

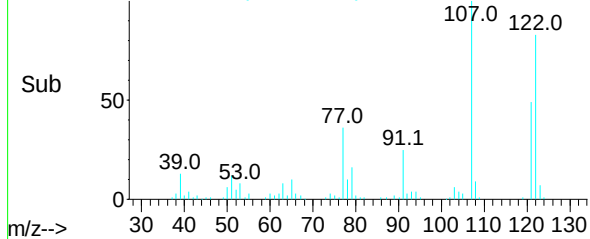
122 100

107 120.7 110.1 165.1

121 59.6 49.0 73.6



Abundance Scan 1140 (10.185 min): BG051147.D\data.ms (-1051) (-)



Abundance Scan 1180 (10.420 min): BG051122.D\data.ms (-123) (-)

bis(2-Chloroethoxy)methane

Concen: 38.27 ng

RT: 10.420 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

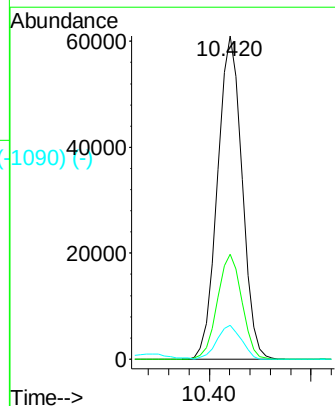
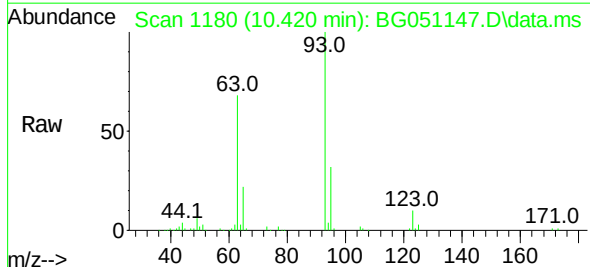
Tgt Ion: 93 Resp: 102231

Ion Ratio Lower Upper

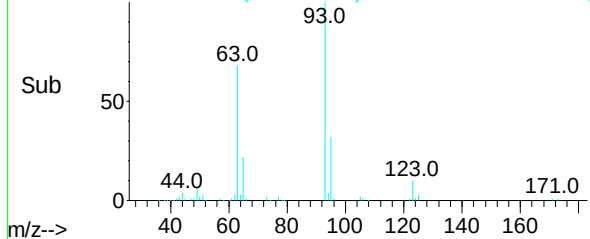
93 100

95 32.4 22.2 33.4

123 10.5 8.8 13.2



Abundance Scan 1180 (10.420 min): BG051147.D\data.ms (-1090) (-)



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

2,4-Dichlorophenol

Concen: 38.91 ng

RT: 10.679 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BG051147.D

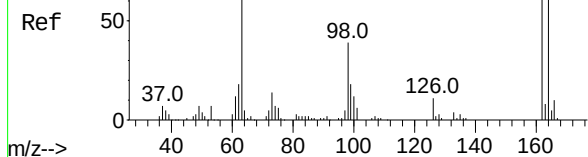
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



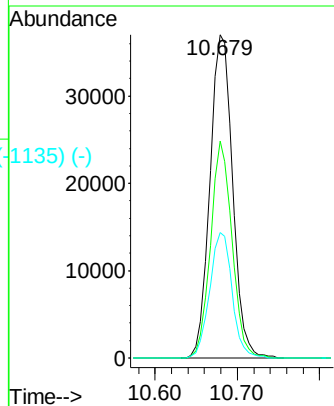
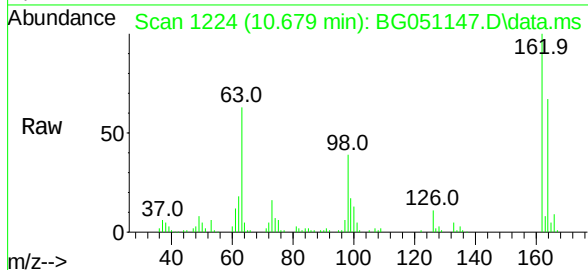
Tgt Ion:162 Resp: 70908

Ion Ratio Lower Upper

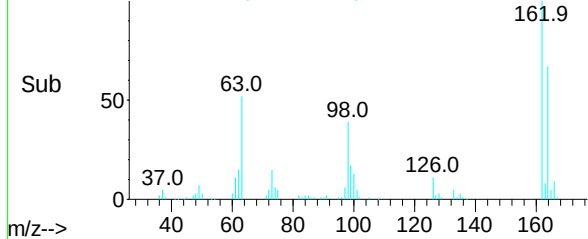
162 100

164 67.1 39.4 79.4

98 38.8 18.7 58.7



Abundance Scan 1224 (10.679 min): BG051147.D\data.ms (-1135) (-)



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

1,2,4-Trichlorobenzene

Concen: 39.15 ng

RT: 10.890 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

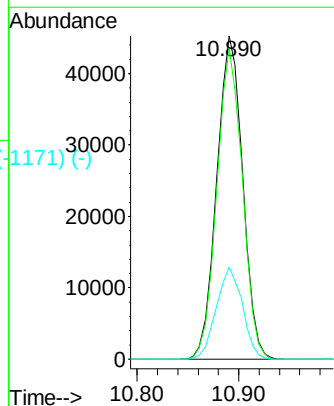
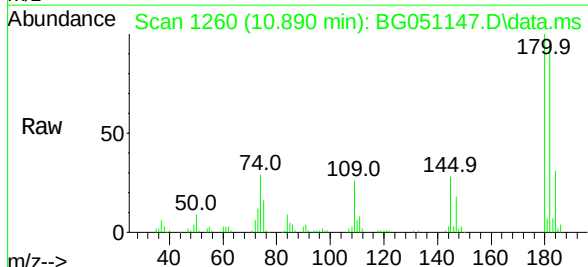
Tgt Ion:180 Resp: 80138

Ion Ratio Lower Upper

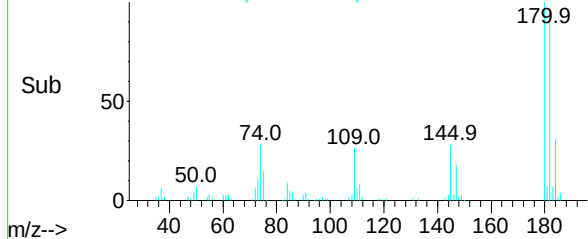
180 100

182 96.3 78.9 118.3

145 28.4 26.2 39.4



Abundance Scan 1260 (10.890 min): BG051147.D\data.ms (-1171) (-)



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

Naphthalene

Concen: 38.36 ng

RT: 11.084 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BG051147.D

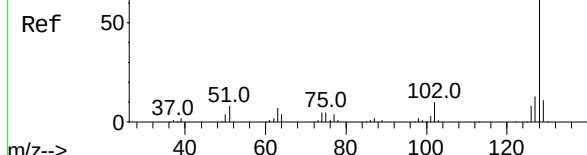
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



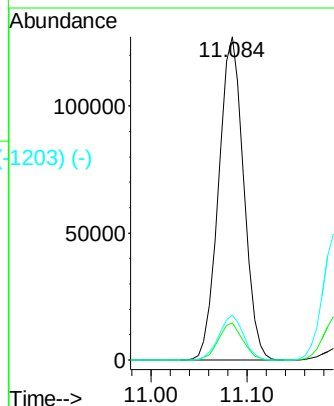
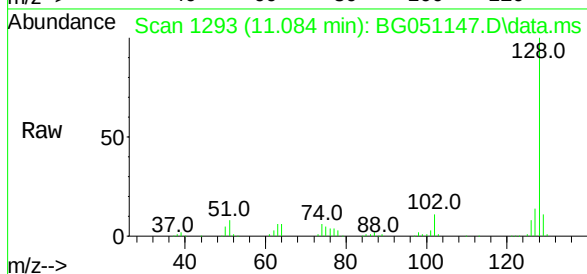
Tgt Ion:128 Resp: 230239

Ion Ratio Lower Upper

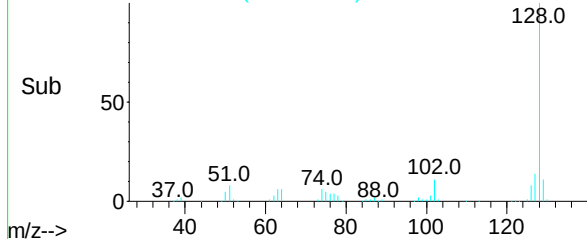
128 100

129 11.4 8.5 12.7

127 13.9 10.2 15.4



Abundance Scan 1293 (11.084 min): BG051147.D\data.ms (-1203) (-)



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

Benzoic acid

Concen: 40.16 ng

RT: 10.344 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

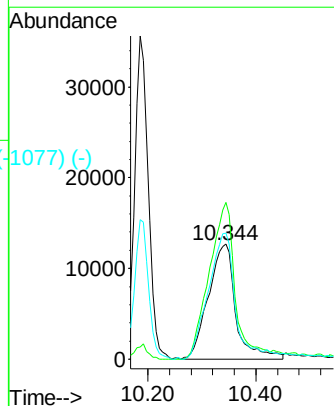
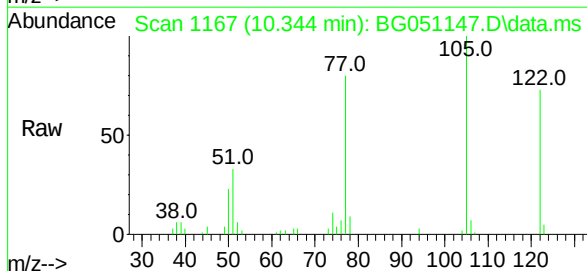
Tgt Ion:122 Resp: 44734

Ion Ratio Lower Upper

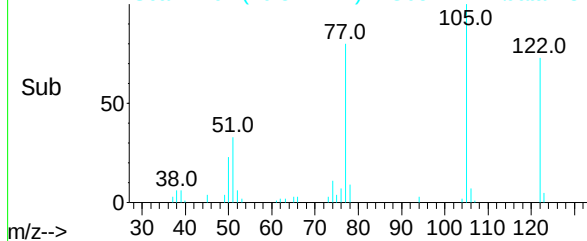
122 100

105 136.2 92.3 132.3#

77 109.3 66.5 106.5#



Abundance Scan 1167 (10.344 min): BG051147.D\data.ms (-1077) (-)



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

4-Chloroaniline

Concen: 38.56 ng

RT: 11.196 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BG051147.D

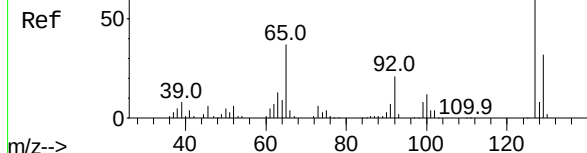
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:127 Resp: 99468

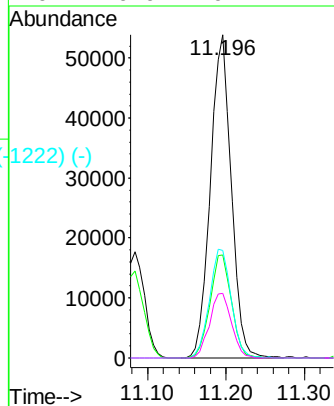
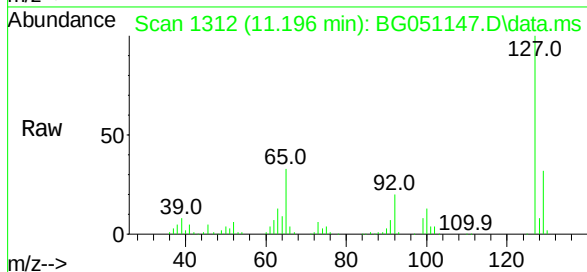
Ion Ratio Lower Upper

127 100

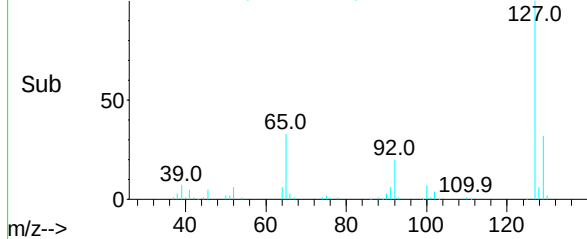
129 31.9 26.7 40.1

65 33.3 32.8 49.2

92 19.9 16.2 24.4



Abundance Scan 1312 (11.196 min): BG051147.D\data.ms (-1222) (-)



Abundance Scan 1339 (11.354 min): BG051122.D\data.ms (-1331) (-)

Hexachlorobutadiene

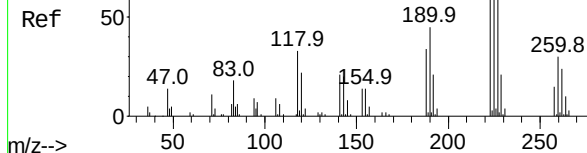
Concen: 39.54 ng

RT: 11.349 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28



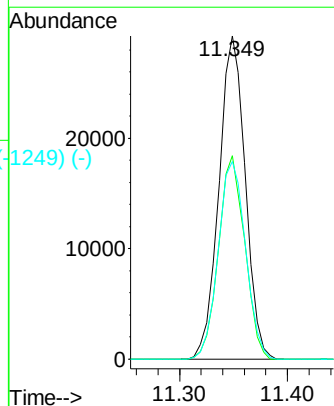
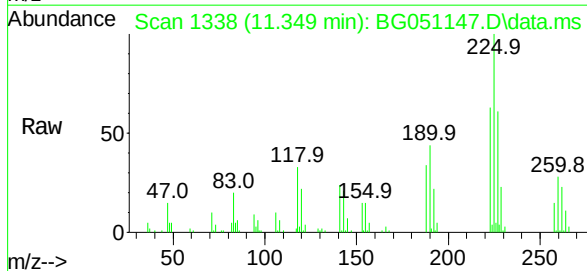
Tgt Ion:225 Resp: 49980

Ion Ratio Lower Upper

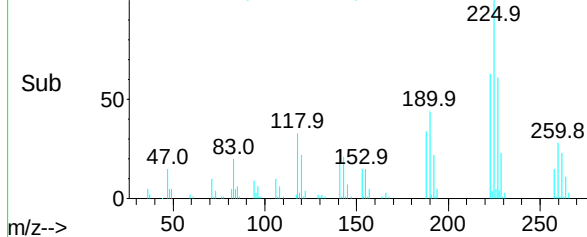
225 100

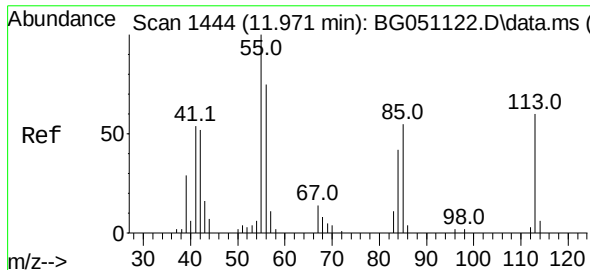
223 62.9 49.8 74.8

227 61.2 46.4 69.6



Abundance Scan 1338 (11.349 min): BG051147.D\data.ms (-1249) (-)

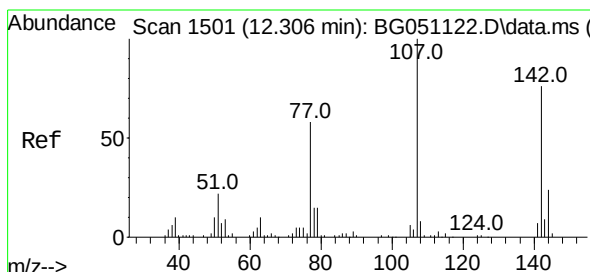
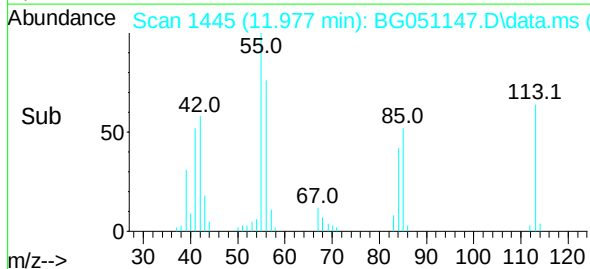
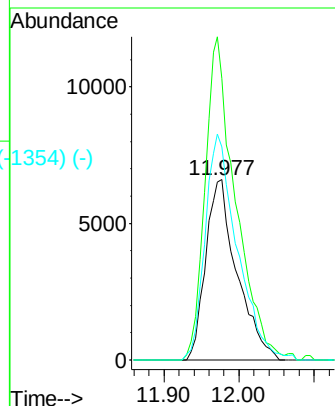
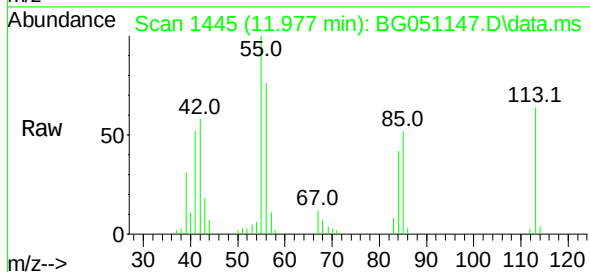




Caprolactam
Concen: 39.29 ng
RT: 11.977 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BG051147.D
Acq: 20 Nov 2021 14:28

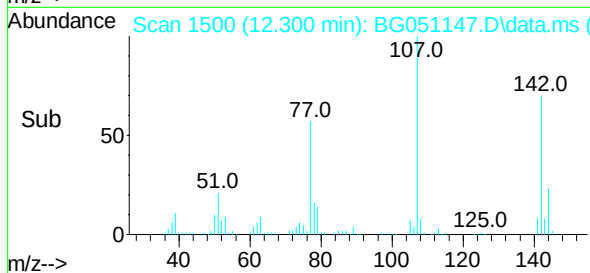
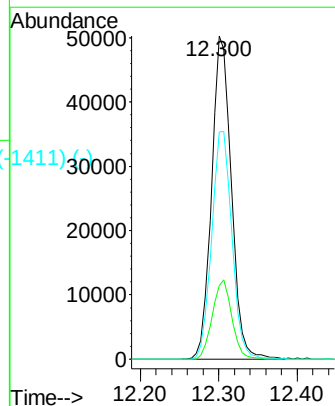
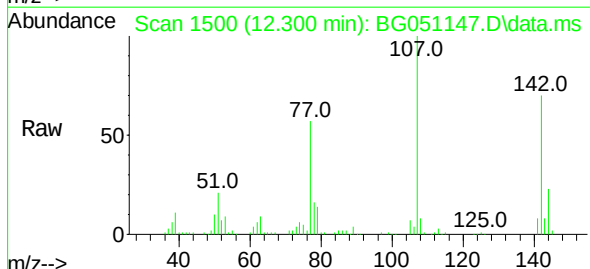
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 19122
Ion Ratio Lower Upper
113 100
55 156.2 113.8 153.8#
56 118.1 105.6 145.6



4-Chloro-3-methylphenol
Concen: 39.06 ng
RT: 12.300 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BG051147.D
Acq: 20 Nov 2021 14:28

Tgt Ion:107 Resp: 87893
Ion Ratio Lower Upper
107 100
144 22.8 24.8 37.2#
142 70.4 62.2 93.4



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

2-Methylnaphthalene

Concen: 38.50 ng

RT: 12.677 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BG051147.D

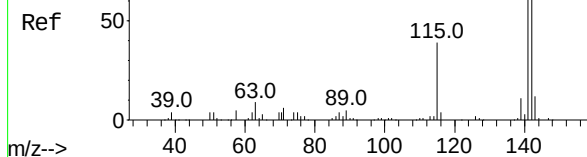
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



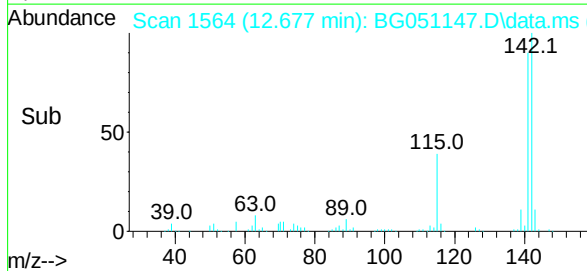
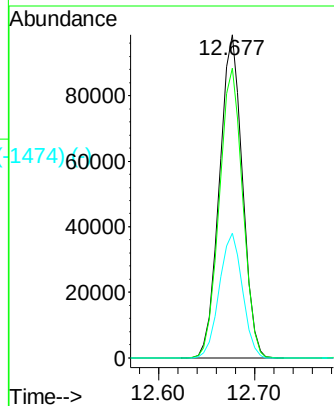
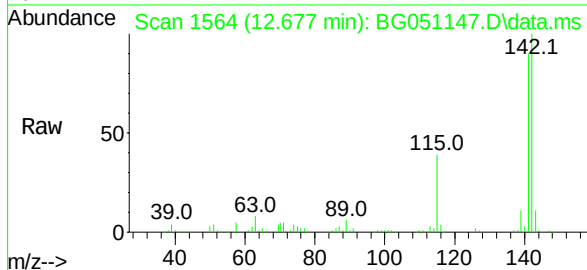
Tgt Ion:142 Resp: 163721

Ion Ratio Lower Upper

142 100

141 89.6 68.8 103.2

115 38.5 36.4 54.6



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

1-Methylnaphthalene

Concen: 38.19 ng

RT: 12.894 min Scan# 1601

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

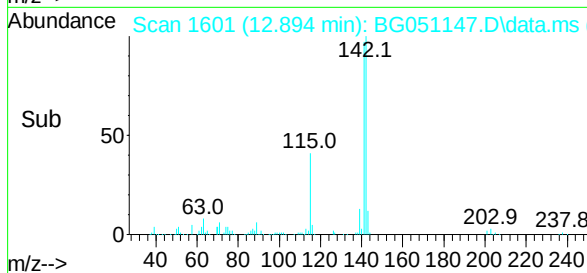
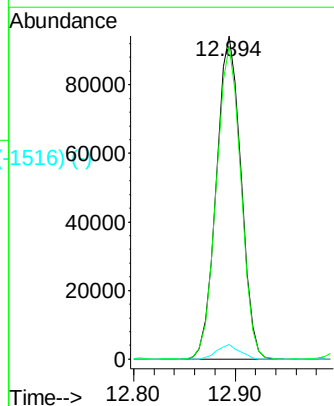
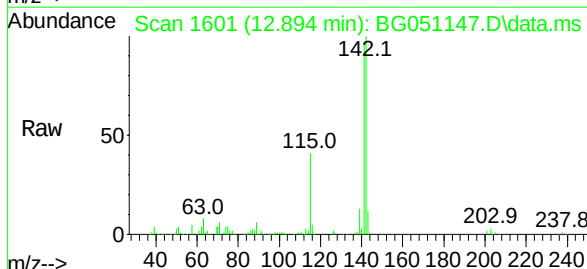
Tgt Ion:142 Resp: 158541

Ion Ratio Lower Upper

142 100

141 96.8 70.6 106.0

116 4.5 4.0 6.0



Abundance Scan 1932 (14.838 min): BG051122.D\data.ms (-1629) (-)

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.839 min Scan# 1629

Delta R.T. 0.001 min

Lab File: BG051147.D

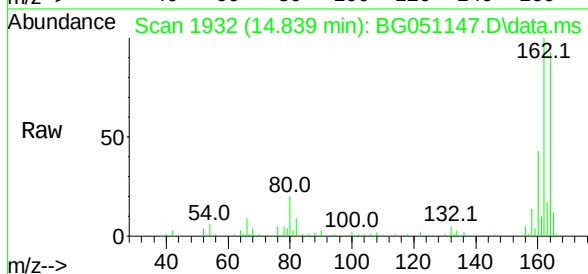
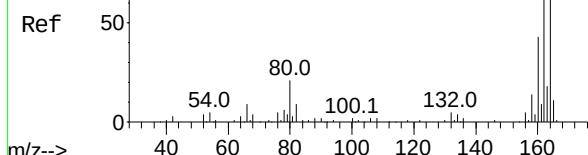
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



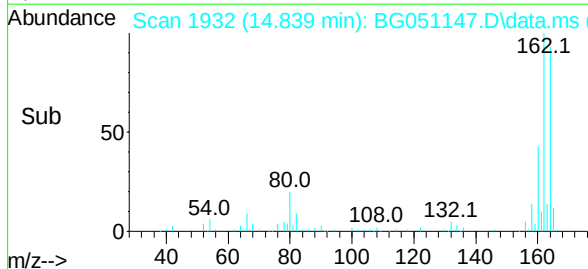
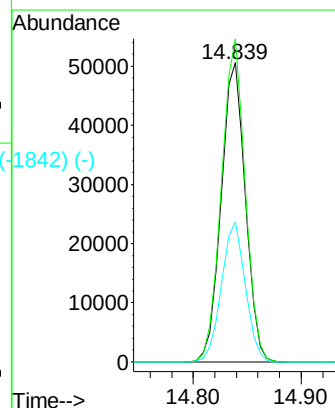
Tgt Ion:164 Resp: 79516

Ion Ratio Lower Upper

164 100

162 107.8 81.4 122.0

160 46.7 34.9 52.3



Abundance Scan 1626 (13.041 min): BG051122.D\data.ms (-1646) (-)

1,2,4,5-Tetrachlorobenzene

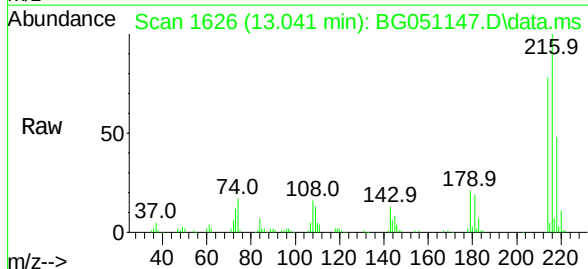
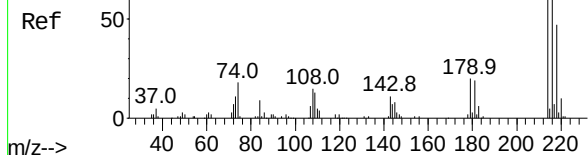
Concen: 38.88 ng

RT: 13.041 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28



Tgt Ion:216 Resp: 93951

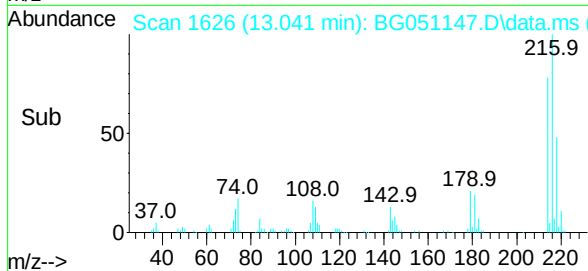
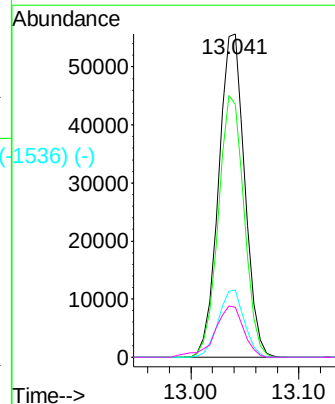
Ion Ratio Lower Upper

216 100

214 79.8 61.4 92.2

179 20.6 17.3 25.9

108 17.3 16.3 24.5



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

Hexachlorocyclopentadiene

Concen: 56.83 ng

RT: 13.006 min Scan# 1621

Delta R.T. -0.005 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 35817

Ion Ratio Lower Upper

237 100

235 68.3 36.6 76.6

272 12.9 0.0 32.5

Abundance Scan 1620 (13.006 min): BG051147.D\data.ms

Ref

60.0 95.0 129.9 166.9 236.8 271.8

m/z-->

Abundance Scan 1620 (13.006 min): BG051147.D\data.ms

Raw

60.0 94.9 129.9 164.9 202.9 236.8 271.8

m/z-->

Abundance Scan 1620 (13.006 min): BG051147.D\data.ms (-1531) (-)

Sub

60.0 94.9 129.9 164.9 202.9 236.8 271.8

m/z-->

Abundance

13.006

20000

15000

10000

5000

0

Time-->

12.95 13.00 13.05

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

2,4,6-Tribromophenol

Concen: 81.21 ng

RT: 16.331 min Scan# 2186

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Tgt Ion:330 Resp: 68634

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

141 44.3 35.6 53.4

Abundance Scan 2186 (16.331 min): BG051147.D\data.ms

Ref

62.0 140.9 221.9 329.8

m/z-->

Abundance Scan 2186 (16.331 min): BG051147.D\data.ms

Raw

62.0 140.9 221.9 329.8

m/z-->

Abundance Scan 2186 (16.331 min): BG051147.D\data.ms (-2096) (-)

Sub

62.0 140.9 221.9 329.8

m/z-->

Abundance

16.331

40000

30000

20000

10000

0

Time-->

16.30 16.40

Abundance Scan 1667 (13.281 min): BG051122.D\data.ms (-1699) (-)

2,4,6-Trichlorophenol

Concen: 40.18 ng

RT: 13.276 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BG051147.D

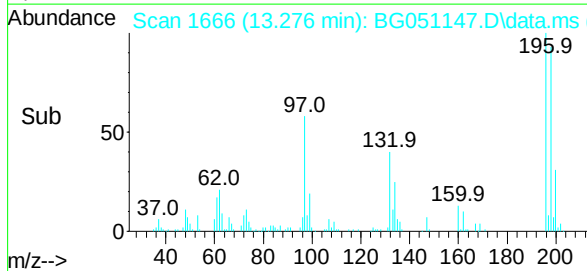
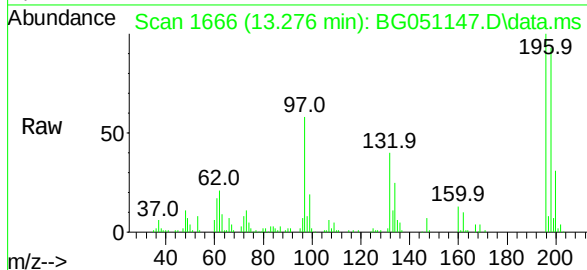
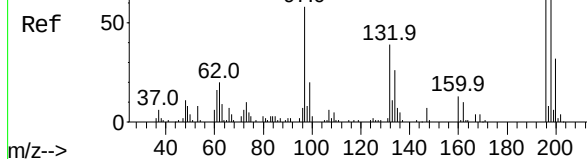
Acq: 20 Nov 2021 14:28

Instrument :

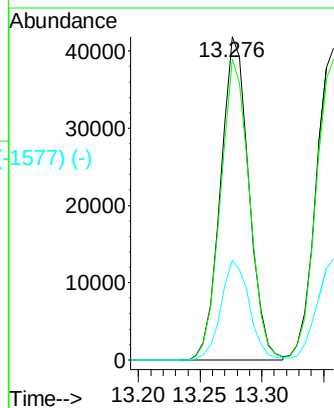
BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:	196	Resp:	66951
Ion	Ratio	Lower	Upper
196	100		
198	93.1	82.1	123.1
200	30.9	23.8	35.8



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

2,4,5-Trichlorophenol

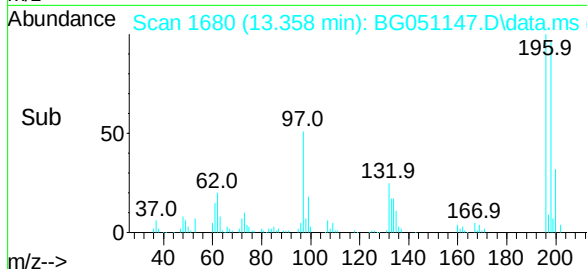
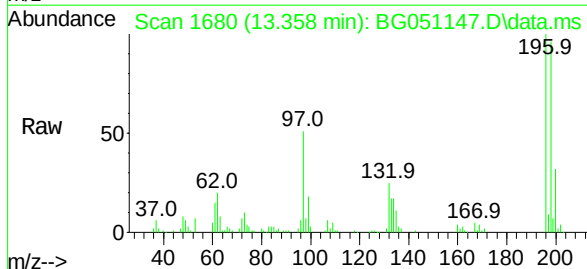
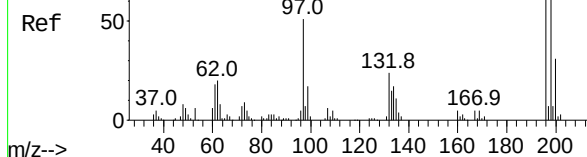
Concen: 38.73 ng

RT: 13.358 min Scan# 1680

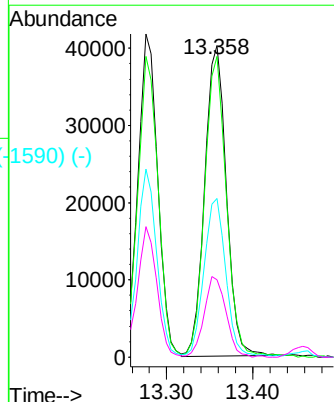
Delta R.T. 0.000 min

Lab File: BG051147.D

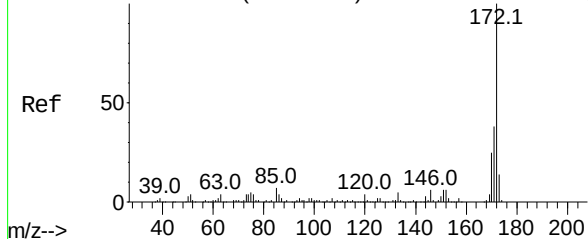
Acq: 20 Nov 2021 14:28



Tgt Ion:	196	Resp:	69756
Ion	Ratio	Lower	Upper
196	100		
198	96.3	87.4	131.0
97	50.9	43.3	64.9
132	24.8	21.4	32.2



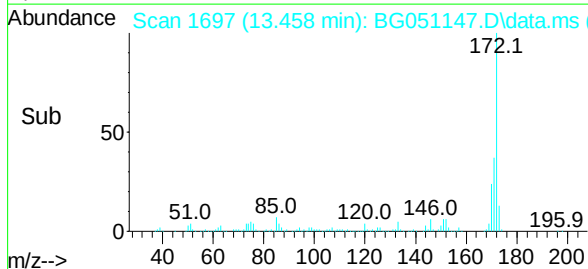
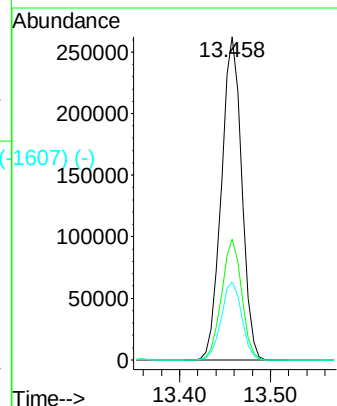
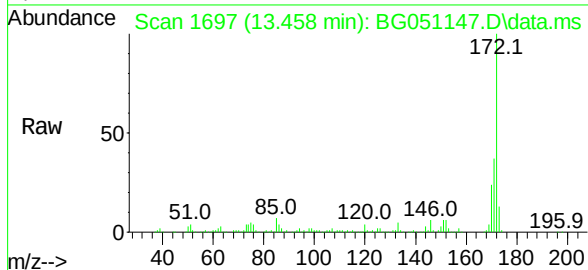
Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1695) (-)



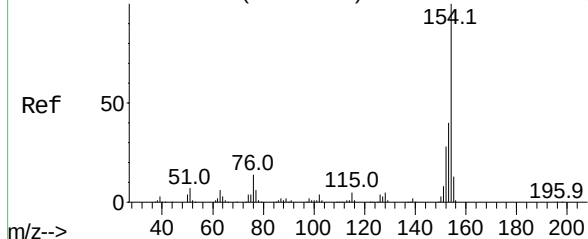
2-Fluorobiphenyl
Concen: 77.22 ng
RT: 13.458 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BG051147.D
Acq: 20 Nov 2021 14:28

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	172	Resp:	406893
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	43.0
170	24.2	18.6	27.8

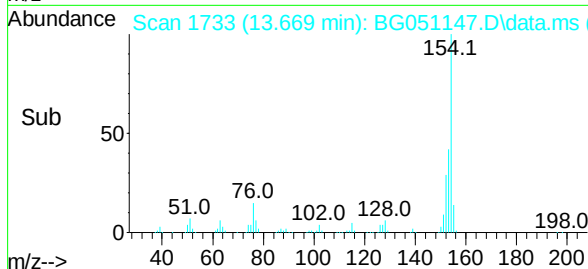
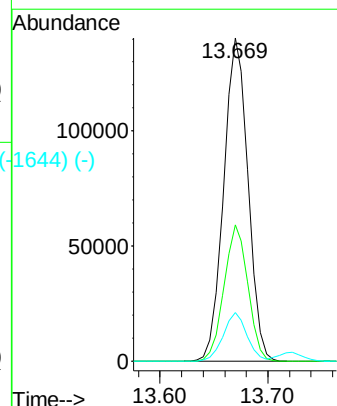
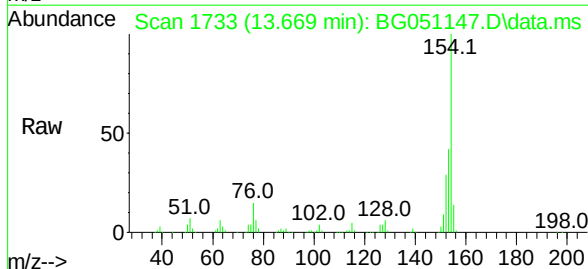


Abundance Scan 1734 (13.675 min): BG051122.D\data.ms (-1726) (-)



1,1'-Biphenyl
Concen: 38.74 ng
RT: 13.669 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BG051147.D
Acq: 20 Nov 2021 14:28

Tgt Ion:	154	Resp:	221451
Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.5	60.5
76	15.1	0.0	29.3



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

2-Chloronaphthalene

Concen: 38.42 ng

RT: 13.722 min Scan# 1742

Delta R.T. 0.000 min

Lab File: BG051147.D

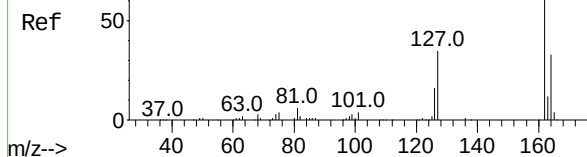
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



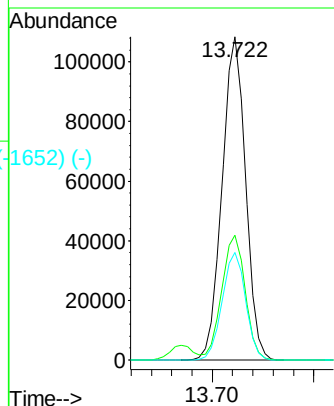
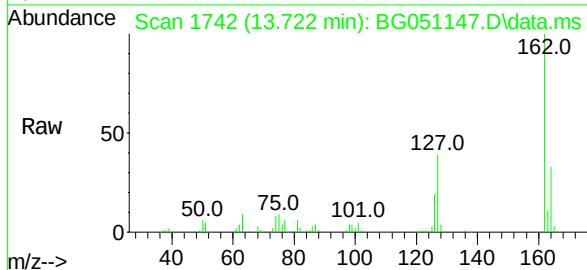
Tgt Ion:162 Resp: 173869

Ion Ratio Lower Upper

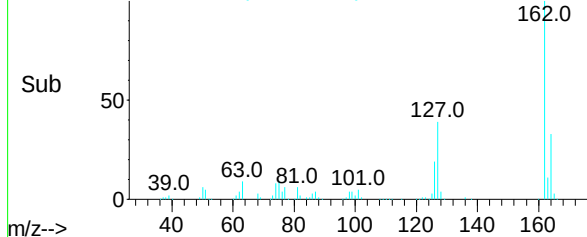
162 100

127 38.6 32.7 49.1

164 33.2 27.0 40.4



Abundance Scan 1742 (13.722 min): BG051147.D\data.ms (-1652) (-)



Abundance Scan 1777 (13.928 min): BG051122.D\data.ms (-1749) (-)

2-Nitroaniline

Concen: 39.50 ng

RT: 13.928 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

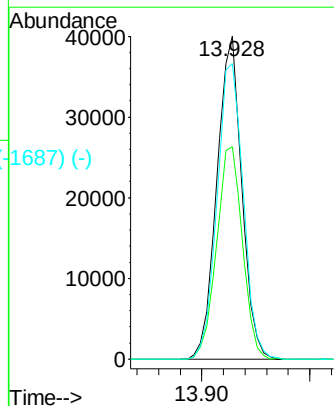
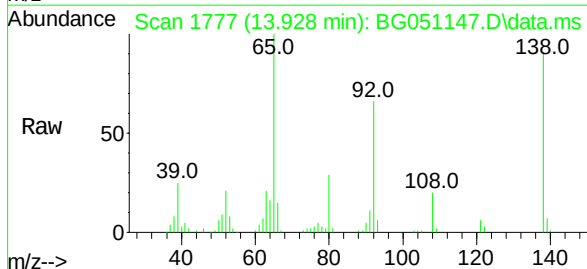
Tgt Ion: 65 Resp: 64602

Ion Ratio Lower Upper

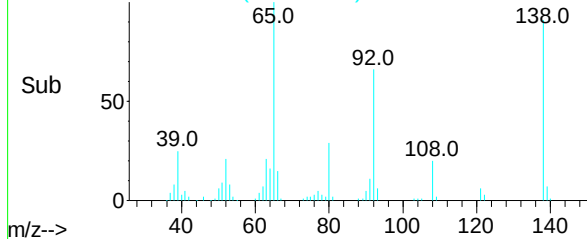
65 100

92 65.7 47.2 70.8

138 91.4 68.0 102.0



Abundance Scan 1777 (13.928 min): BG051147.D\data.ms (-1687) (-)



Abundance Scan 1885 (14.562 min): BG051122.D\data.ms (-1879) (-)

Acenaphthylene

Concen: 38.46 ng

RT: 14.563 min Scan# 1885

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 277502

Ion Ratio Lower Upper

152 100

151 20.9 18.2 27.4

153 14.2 11.7 17.5

Abundance Scan 1885 (14.563 min): BG051147.D\data.ms

Ref 50

152.0

51.0 76.0 98.0 126.0

m/z-->

Abundance Scan 1885 (14.563 min): BG051147.D\data.ms

Raw 50

152.1

50.0 76.0 98.0 126.0

m/z-->

Abundance Scan 1885 (14.563 min): BG051147.D\data.ms (-1795) (-)

Sub 50

152.1

50.0 76.0 98.0 126.0

m/z-->

Abundance

14.563

150000

100000

50000

0

Time-->

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

Dimethylphthalate

Concen: 38.67 ng

RT: 14.281 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Tgt Ion:163 Resp: 236910

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.1 8.6 12.8

Abundance Scan 1837 (14.281 min): BG051147.D\data.ms

Ref 50

163.0

50.0 77.0 104.0 135.0 194.1

m/z-->

Abundance Scan 1837 (14.281 min): BG051147.D\data.ms

Raw 50

163.0

50.0 77.0 104.0 135.0 194.1

m/z-->

Abundance Scan 1837 (14.281 min): BG051147.D\data.ms (-1747) (-)

Sub 50

163.0

50.0 77.0 104.0 133.0 194.1

m/z-->

Abundance

14.281

150000

100000

50000

0

Time-->

Abundance Scan 1860 (14.415 min): BG051122.D\data.ms (-1770) (-)

2,6-Dinitrotoluene

Concen: 39.46 ng

RT: 14.410 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BG051147.D

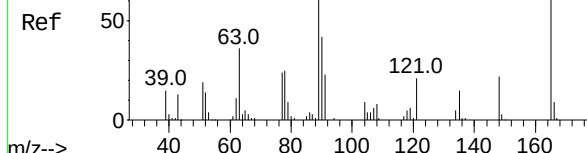
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



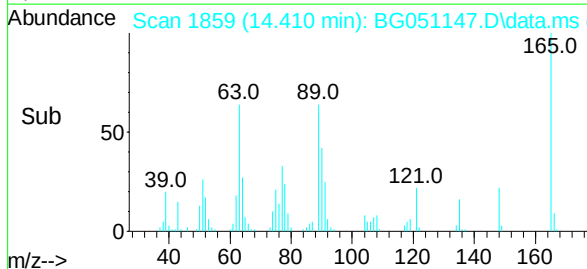
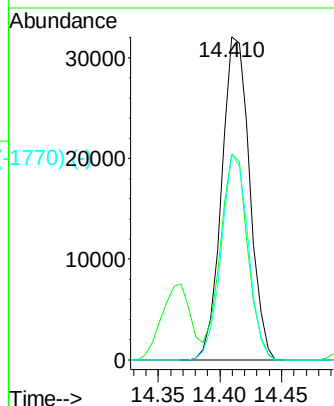
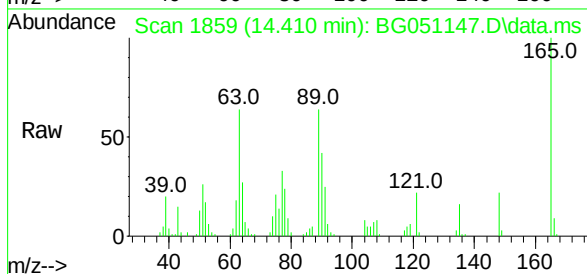
Tgt Ion:165 Resp: 50494

Ion Ratio Lower Upper

165 100

63 63.8 63.3 94.9

89 63.7 63.4 95.0



Abundance Scan 1943 (14.903 min): BG051122.D\data.ms (-1853) (-)

Acenaphthene

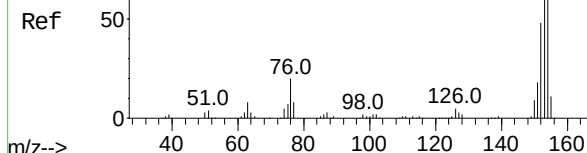
Concen: 38.69 ng

RT: 14.903 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28



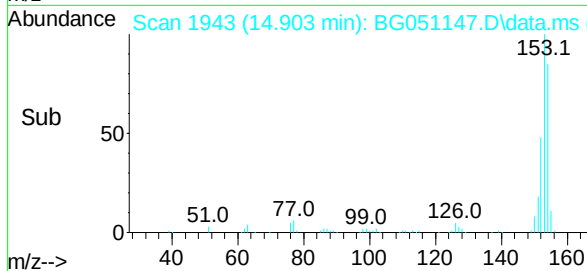
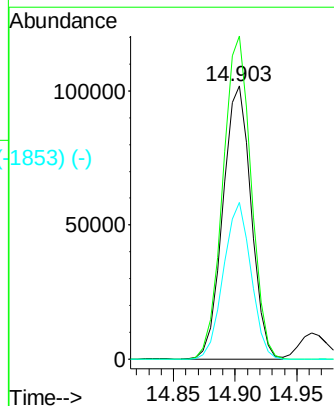
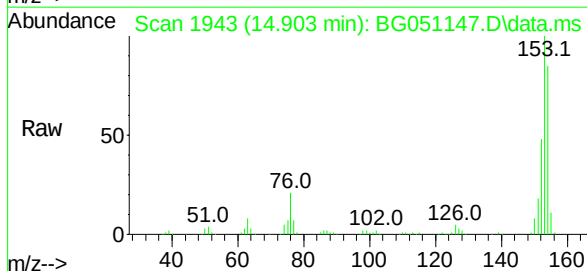
Tgt Ion:154 Resp: 162912

Ion Ratio Lower Upper

154 100

153 118.3 87.0 130.4

152 57.3 40.1 60.1



Abundance Scan 1917 (14.750 min): BG051122.D\data.ms (-1959) (-)

3-Nitroaniline

Concen: 39.88 ng

RT: 14.751 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 57158

Ion Ratio Lower Upper

138 100

108 10.3 8.3 12.5

92 119.9 96.4 144.6

Abundance Scan 1917 (14.751 min): BG051147.D\data.ms

Ref

50

39.0 65.0 92.0 108.0 138.0

m/z-->

Abundance Scan 1917 (14.751 min): BG051147.D\data.ms

Raw

50

39.0 65.0 92.0 108.0 138.0

m/z-->

Abundance Scan 1917 (14.751 min): BG051147.D\data.ms (-1827) (-)

Sub

50

39.0 65.0 92.0 108.0 137.9

m/z-->

Abundance

40000

30000

20000

10000

0

14.70 14.751 14.80

Time-->

Abundance Scan 1953 (14.962 min): BG051122.D\data.ms (-1959) (-)

2,4-Dinitrophenol

Concen: 40.86 ng

RT: 14.962 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Tgt Ion:184 Resp: 27861

Ion Ratio Lower Upper

184 100

63 69.3 68.3 102.5

154 62.8 62.6 93.8

Abundance Scan 1953 (14.962 min): BG051147.D\data.ms

Ref

50

38.0 63.0 91.0 119.9 154.0 184.0

m/z-->

Abundance Scan 1953 (14.962 min): BG051147.D\data.ms

Raw

50

38.0 63.0 91.0 119.9 154.0 184.0

m/z-->

Abundance Scan 1953 (14.962 min): BG051147.D\data.ms (-1863) (-)

Sub

50

38.0 63.0 91.0 119.9 154.0 184.0

m/z-->

Abundance

100000

80000

60000

40000

20000

0

14.90 14.962 15.00

Time-->

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

Dibenzofuran

Concen: 38.79 ng

RT: 15.232 min Scan#

Delta R.T. -0.006 min

Lab File: BG051147.D

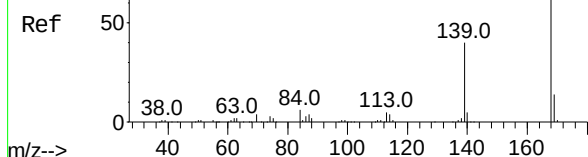
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



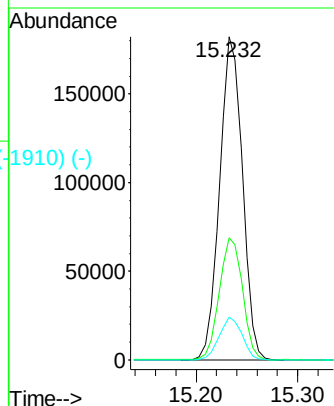
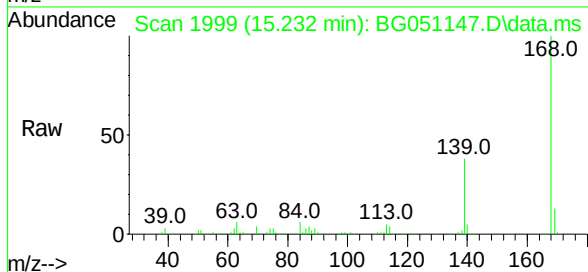
Tgt Ion:168 Resp: 283638

Ion Ratio Lower Upper

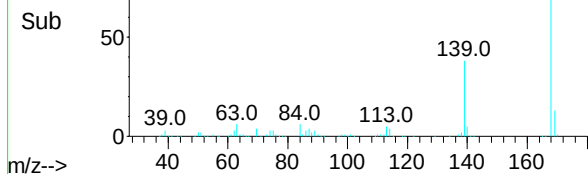
168 100

139 37.7 33.4 50.2

169 13.3 12.3 18.5



Abundance Scan 1999 (15.232 min): BG051147.D\data.ms (-1910) (-)



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

4-Nitrophenol

Concen: 42.03 ng

RT: 15.062 min Scan# 1970

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

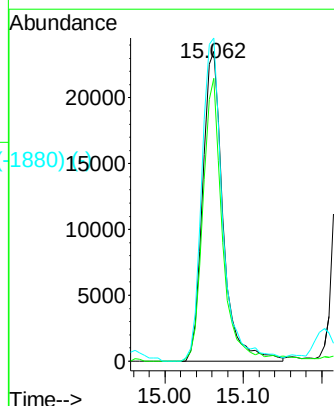
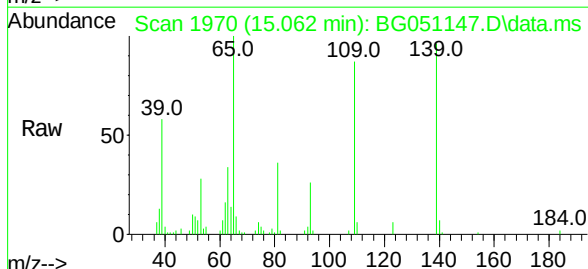
Tgt Ion:139 Resp: 42375

Ion Ratio Lower Upper

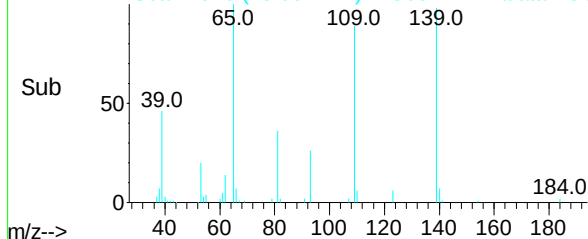
139 100

109 91.2 116.3 156.3#

65 104.3 105.0 145.0#



Abundance Scan 1970 (15.062 min): BG051147.D\data.ms (-1880) (-)



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

2,4-Dinitrotoluene

Concen: 39.66 ng

RT: 15.203 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BG051147.D

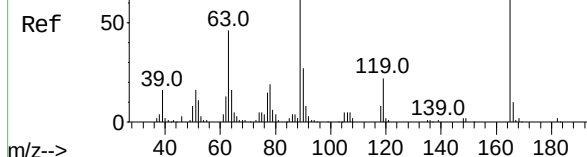
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:165 Resp: 72683

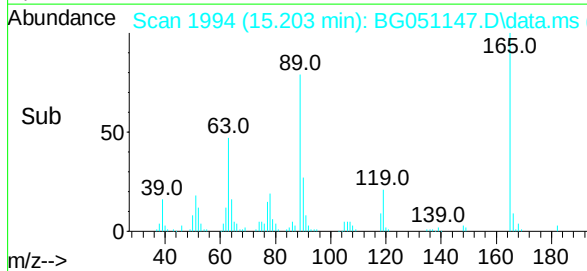
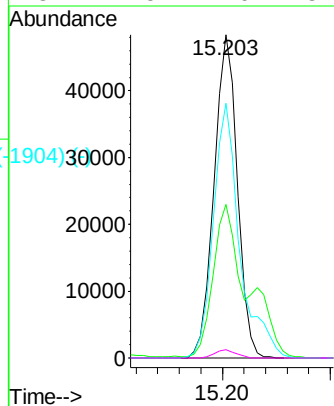
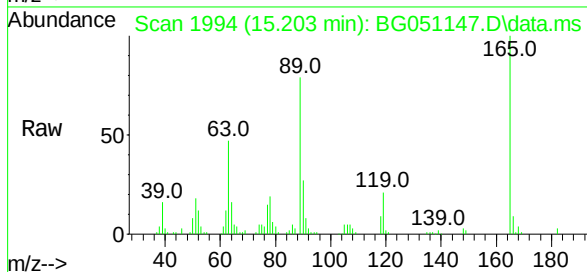
Ion Ratio Lower Upper

165 100

63 47.5 48.0 72.0#

89 78.8 65.4 98.0

182 2.5 2.0 3.0



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

Fluorene

Concen: 38.84 ng

RT: 15.885 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

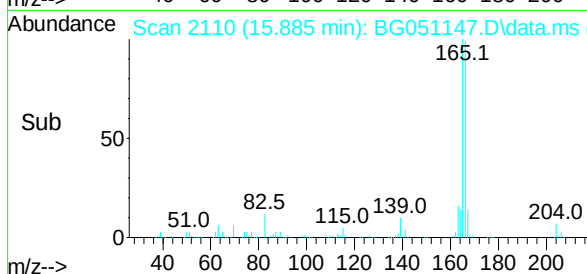
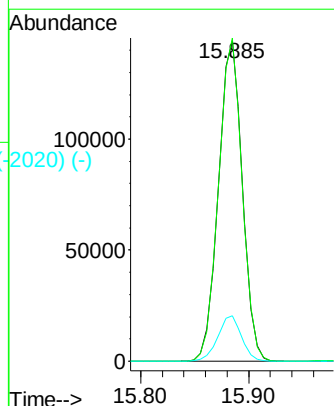
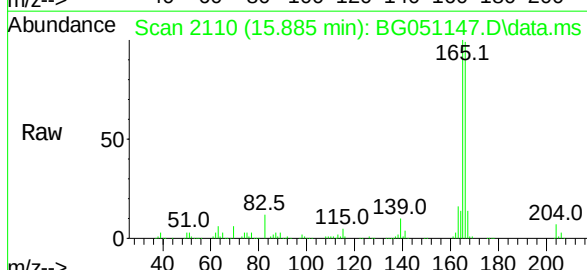
Tgt Ion:166 Resp: 222971

Ion Ratio Lower Upper

166 100

165 100.7 77.7 116.5

167 14.1 10.8 16.2



Abundance Scan 2038 (15.461 min): BG051122.D\data.ms (-259) (-)

2,3,4,6-Tetrachlorophenol

Concen: 38.97 ng

RT: 15.461 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

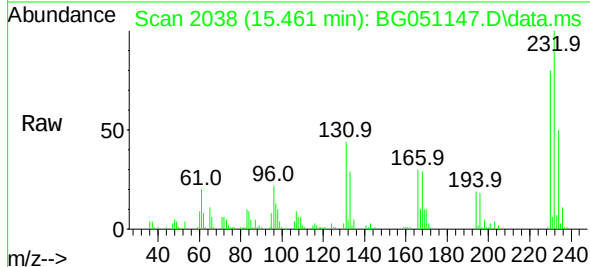
BNA_G

ClientSampleId :

SSTDCCC040

Ref 50

m/z-->



Tgt Ion:232 Resp: 60253

Ion Ratio Lower Upper

232 100

131 46.1 37.2 55.8

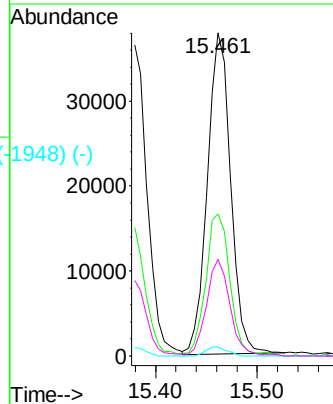
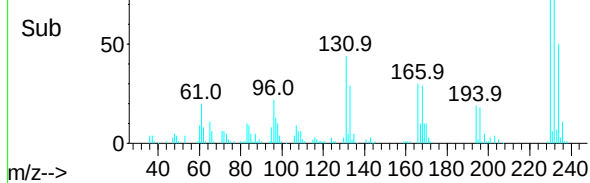
130 2.6 2.8 4.2#

166 30.6 24.0 36.0

Abundance Scan 2038 (15.461 min): BG051147.D\data.ms (-1948) (-)

Sub 50

m/z-->



Abundance Scan 2067 (15.632 min): BG051122.D\data.ms (-260) (-)

Diethylphthalate

Concen: 38.68 ng

RT: 15.632 min Scan# 2067

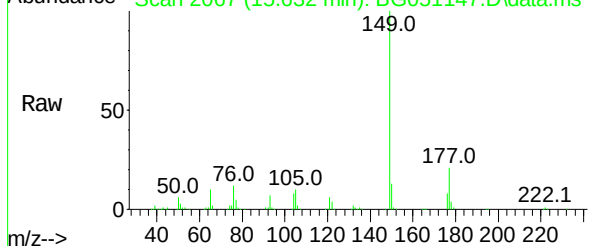
Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Ref 50

m/z-->



Tgt Ion:149 Resp: 249897

Ion Ratio Lower Upper

149 100

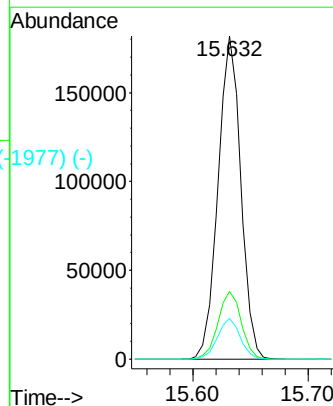
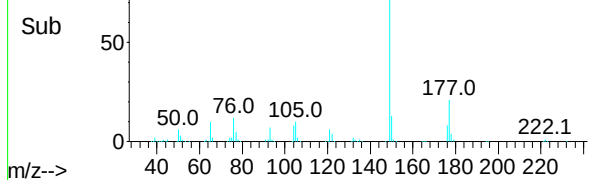
177 20.9 19.0 28.6

150 12.7 10.2 15.4

Abundance Scan 2067 (15.632 min): BG051147.D\data.ms (-1977) (-)

Sub 50

m/z-->



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

4-Chlorophenyl-phenylether

Concen: 38.94 ng

RT: 15.867 min Scan# 2107

Delta R.T. 0.000 min

Lab File: BG051147.D

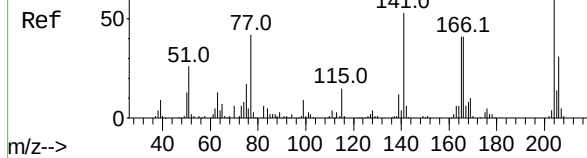
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



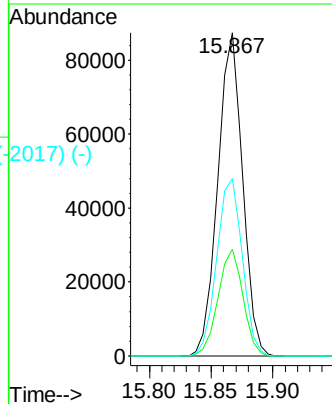
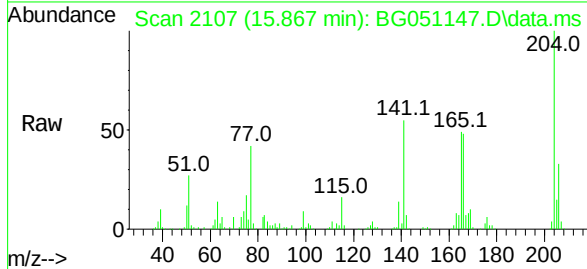
Tgt Ion:204 Resp: 122209

Ion Ratio Lower Upper

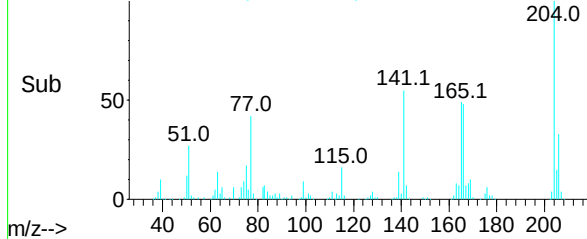
204 100

206 33.0 24.6 37.0

141 54.8 47.8 71.8



Abundance Scan 2107 (15.867 min): BG051147.D\data.ms (-2107) (-)



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

4-Nitroaniline

Concen: 38.48 ng

RT: 15.914 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

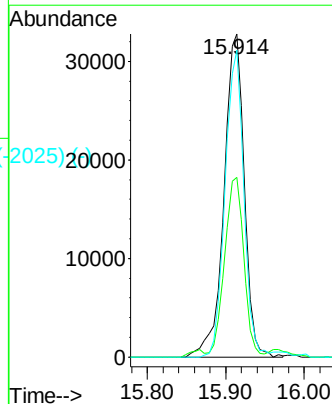
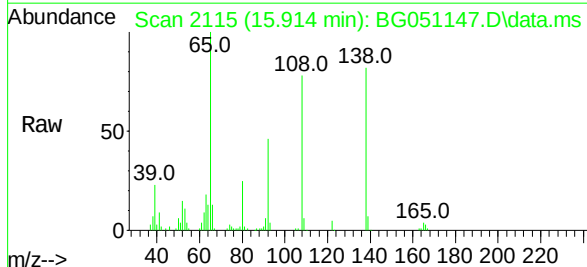
Tgt Ion:138 Resp: 58987

Ion Ratio Lower Upper

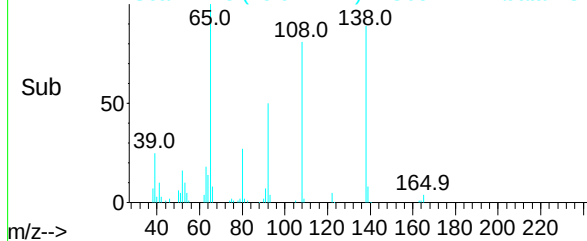
138 100

92 55.7 32.3 72.3

108 95.0 132.4 172.4#



Abundance Scan 2115 (15.914 min): BG051147.D\data.ms (-2115) (-)



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

Azobenzene

Concen: 38.83 ng

RT: 16.161 min Scan# 2157

Delta R.T. 0.000 min

Lab File: BG051147.D

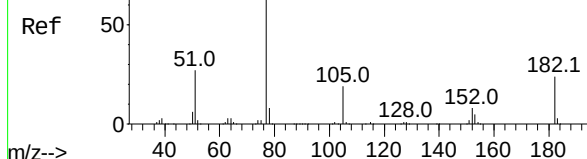
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion: 77 Resp: 251255

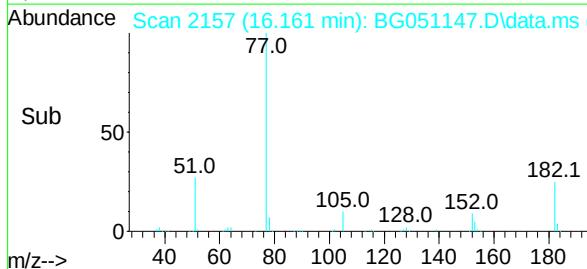
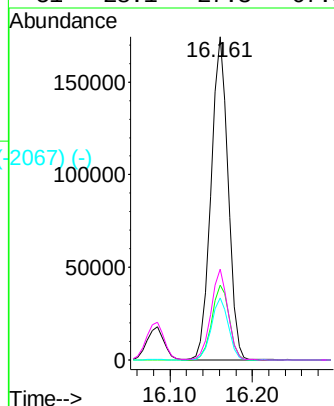
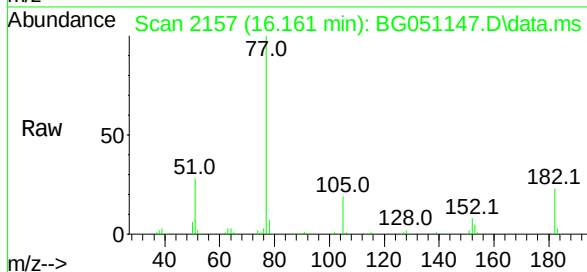
Ion Ratio Lower Upper

77 100

182 23.2 7.9 47.9

105 19.2 0.0 37.9

51 28.1 27.3 67.3



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

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.588 min Scan# 2400

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

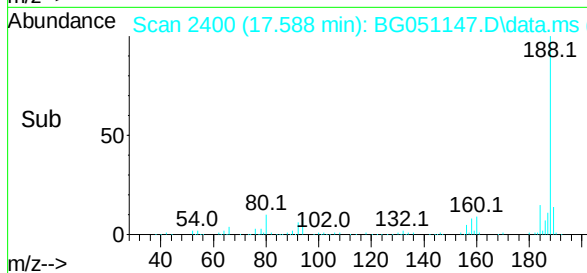
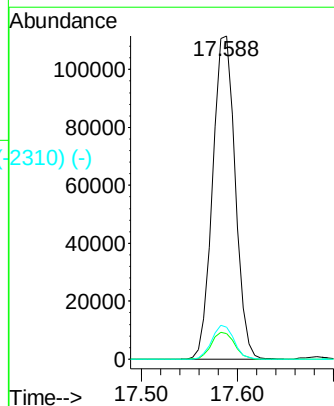
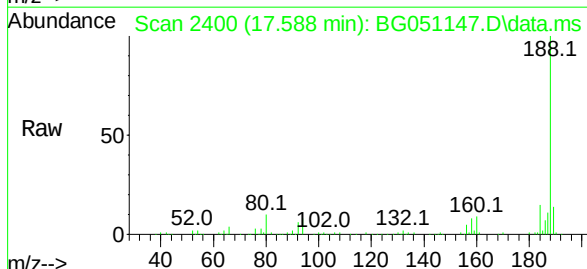
Tgt Ion: 188 Resp: 181049

Ion Ratio Lower Upper

188 100

94 8.0 5.4 8.0

80 9.8 3.7 5.5#



Abundance Scan 2124 (15.967 min): BG051122.D\data.ms (-2166) (-)

4,6-Dinitro-2-methylphenol

Concen: 43.59 ng

RT: 15.967 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BG051147.D

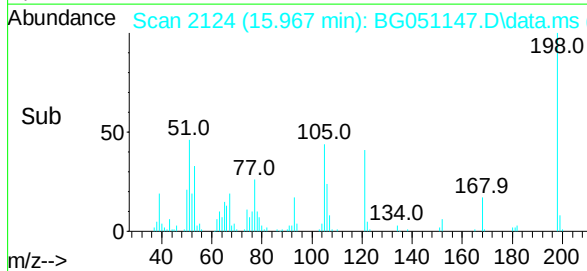
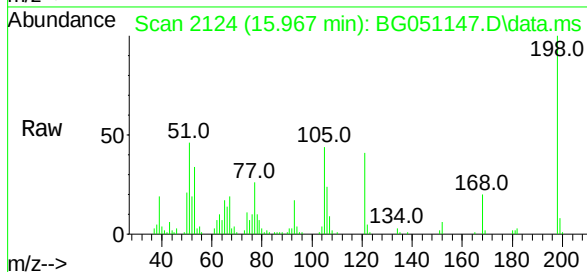
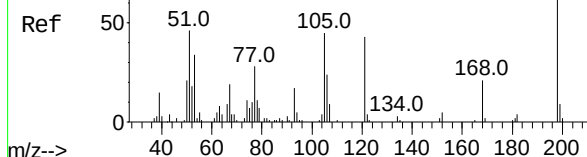
Acq: 20 Nov 2021 14:28

Instrument :

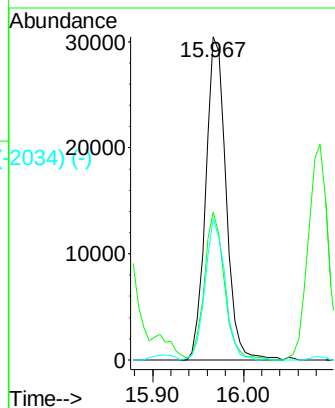
BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:	198	Resp:	47129
Ion	Ratio	Lower	Upper
198	100		
51	45.7	29.4	69.4
105	43.8	15.1	55.1



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

n-Nitrosodiphenylamine

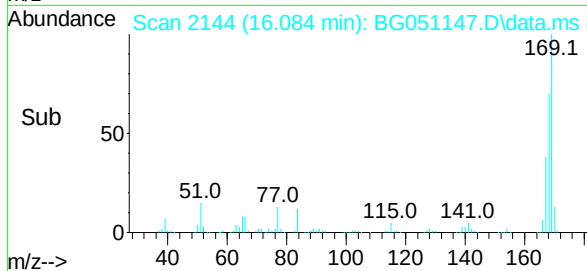
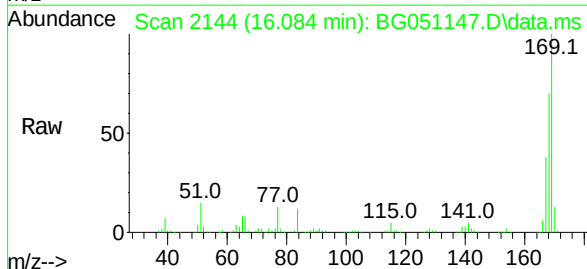
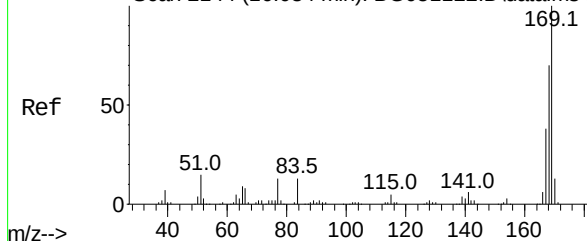
Concen: 38.75 ng

RT: 16.084 min Scan# 2144

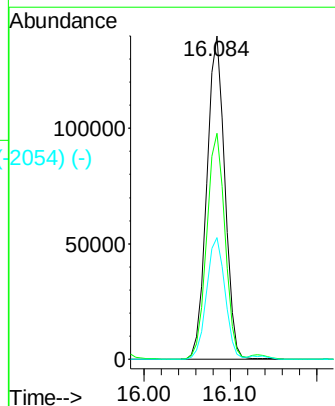
Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28



Tgt Ion:	169	Resp:	201353
Ion	Ratio	Lower	Upper
169	100		
168	69.9	56.3	84.5
167	37.6	28.4	42.6



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

4-Bromophenyl-phenylether

Concen: 39.30 ng

RT: 16.760 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BG051147.D

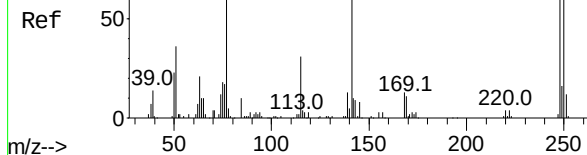
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



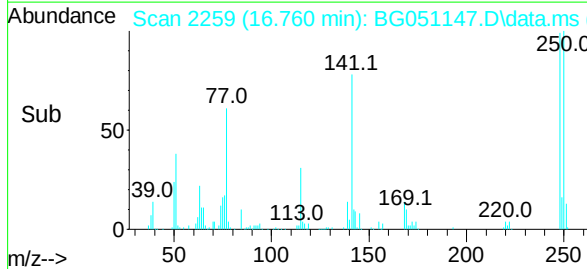
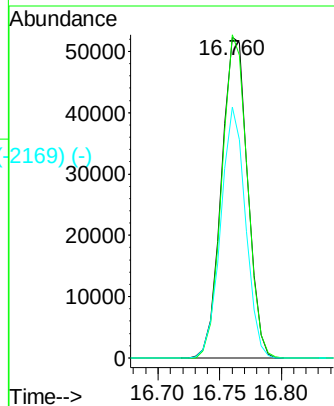
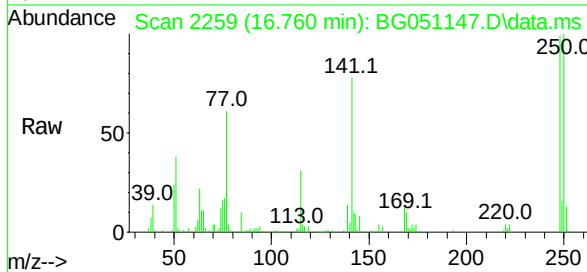
Tgt Ion:248 Resp: 76952

Ion Ratio Lower Upper

248 100

250 100.9 76.1 114.1

141 78.4 65.4 98.2



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

Hexachlorobenzene

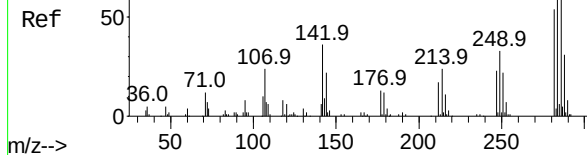
Concen: 39.27 ng

RT: 16.889 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28



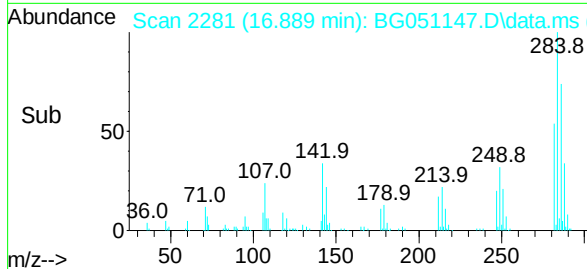
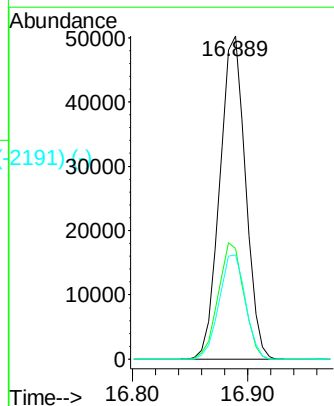
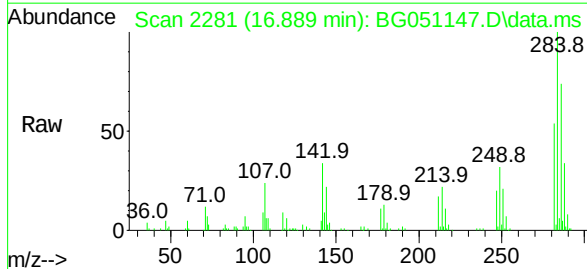
Tgt Ion:284 Resp: 78150

Ion Ratio Lower Upper

284 100

142 34.3 27.0 40.6

249 32.3 28.2 42.2



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

Atrazine

Concen: 38.02 ng

RT: 17.024 min Scan# 2304

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 52532

Ion Ratio Lower Upper

200 100

173 24.1 3.7 43.7

215 46.6 26.9 66.9

Abundance Scan 2304 (17.024 min): BG051147.D\data.ms

200.1

58.0 92.5 132.0 173.0

Raw

50

0

m/z-->

40 60 80 100 120 140 160 180 200 220

Abundance Scan 2304 (17.024 min): BG051147.D\data.ms (-2214) (-)

200.1

58.0 92.5 132.0 173.0

Sub

50

0

m/z-->

40 60 80 100 120 140 160 180 200 220

Abundance

17.024

30000

20000

10000

0

Time-->

17.00

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

Pentachlorophenol

Concen: 43.68 ng

RT: 17.236 min Scan# 2340

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Tgt Ion:266 Resp: 39524

Ion Ratio Lower Upper

266 100

268 61.8 49.0 73.4

264 65.8 49.0 73.6

Abundance Scan 2340 (17.236 min): BG051147.D\data.ms

265.9

60.0 95.0 129.9 166.9 201.8 234.9

Raw

50

0

m/z-->

50 100 150 200 250

Abundance Scan 2340 (17.236 min): BG051147.D\data.ms (-2250) (-)

265.9

60.0 95.0 129.9 166.9 201.8 234.9

Sub

50

0

m/z-->

50 100 150 200 250

Abundance

17.236

20000

15000

10000

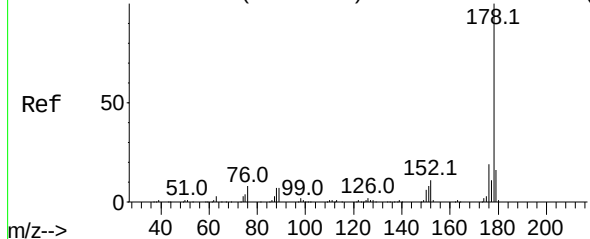
5000

0

Time-->

17.20 17.30

Abundance Scan 2407 (17.629 min): BG051122.D\data.ms (-23171)



Phenanthrene

Concen: 38.56 ng

RT: 17.630 min Scan# 2407

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

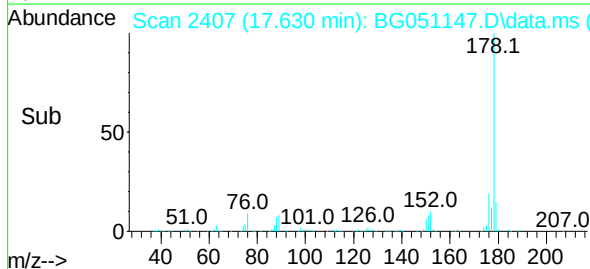
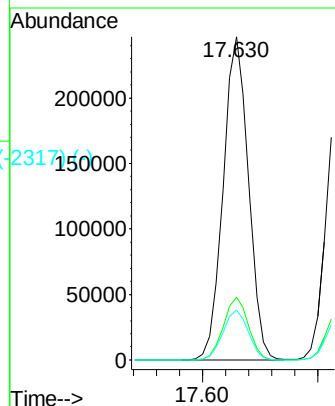
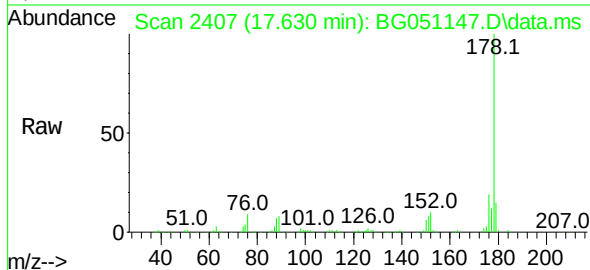
Tgt Ion:178 Resp: 375245

Ion Ratio Lower Upper

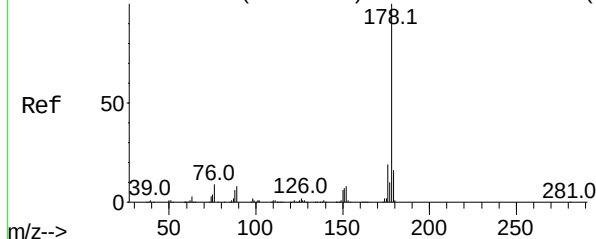
178 100

176 19.3 16.0 24.0

179 15.4 14.2 21.4



Abundance Scan 2423 (17.723 min): BG051122.D\data.ms (-23171)



Anthracene

Concen: 38.64 ng

RT: 17.718 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

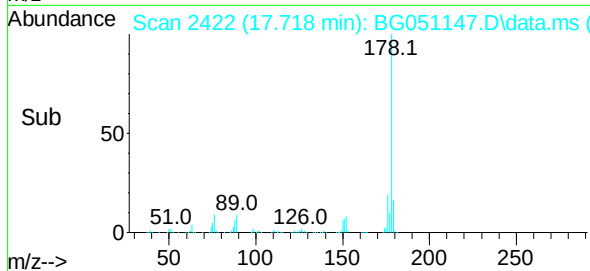
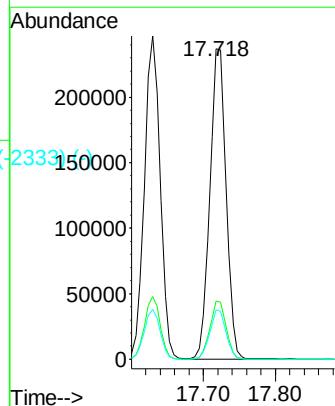
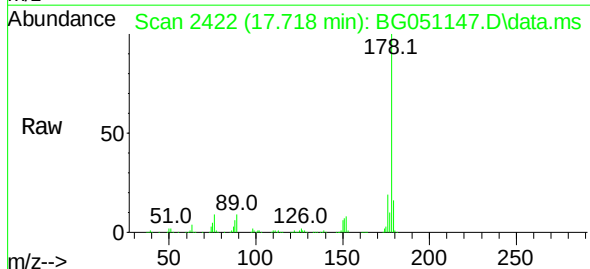
Tgt Ion:178 Resp: 373021

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

179 15.9 13.4 20.0



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

Carbazole

Concen: 38.29 ng

RT: 17.994 min Scan# 2469

Delta R.T. 0.000 min

Lab File: BG051147.D

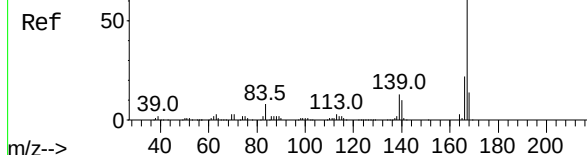
Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



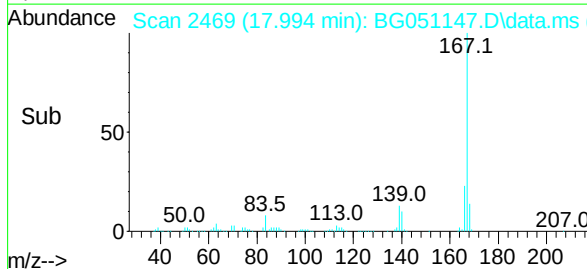
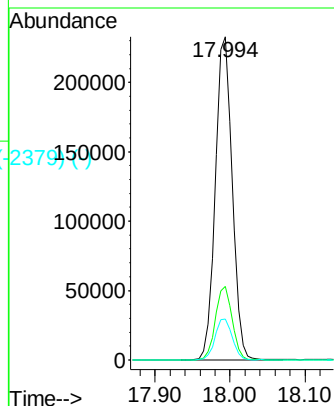
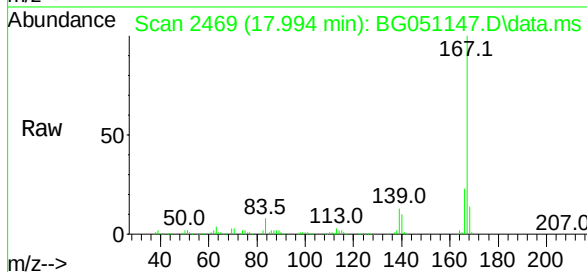
Tgt Ion:167 Resp: 363573

Ion Ratio Lower Upper

167 100

166 22.8 17.4 26.2

139 12.7 10.7 16.1



Abundance Scan 2558 (18.517 min): BG051122.D\data.ms (-2559) (-)

Di-n-butylphthalate

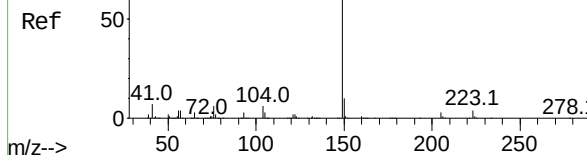
Concen: 38.41 ng

RT: 18.517 min Scan# 2558

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28



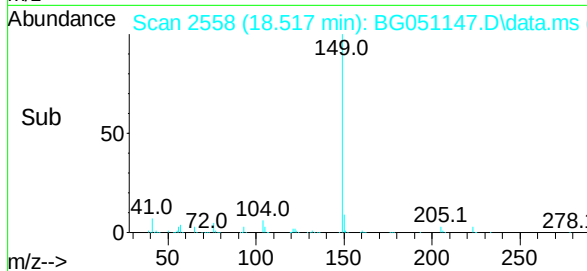
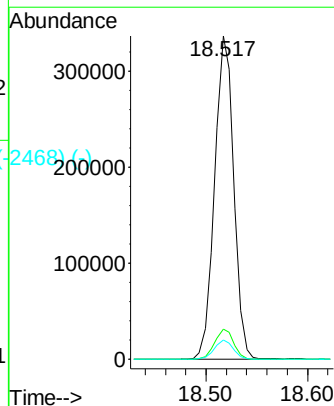
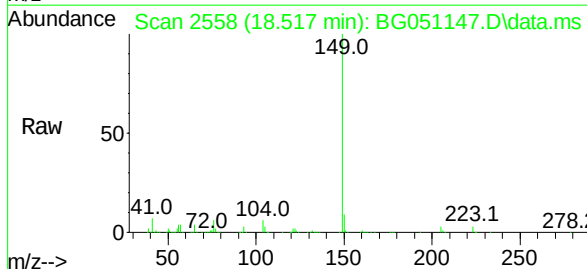
Tgt Ion:149 Resp: 441579

Ion Ratio Lower Upper

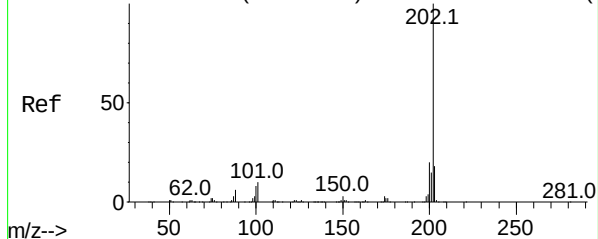
149 100

150 9.2 7.5 11.3

104 5.9 6.6 10.0#



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



Fluoranthene

Concen: 38.57 ng

RT: 19.627 min Scan# 2747

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

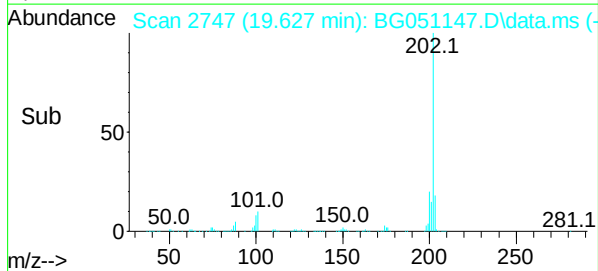
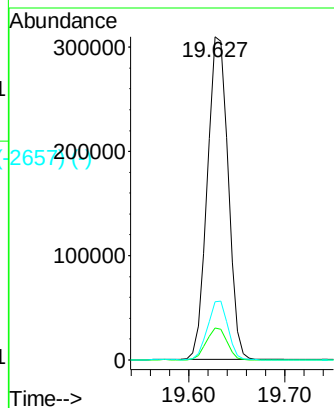
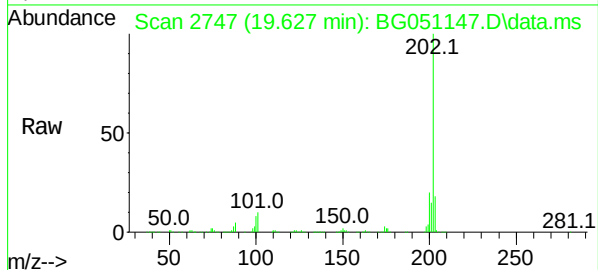
Tgt Ion:202 Resp: 462774

Ion Ratio Lower Upper

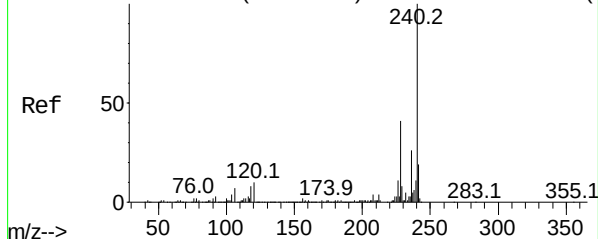
202 100

101 9.9 0.0 24.7

203 18.0 0.0 38.5



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



Chrysene-d12

Concen: 20.00 ng

RT: 21.889 min Scan# 3132

Delta R.T. 0.006 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

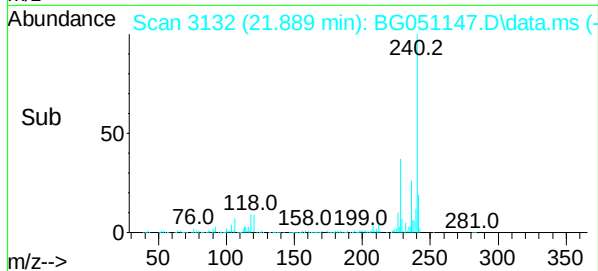
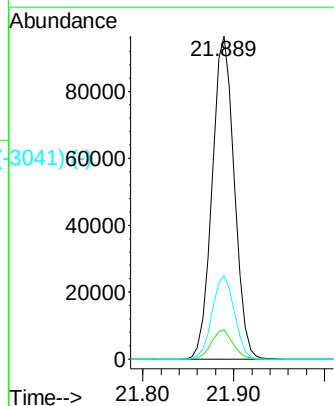
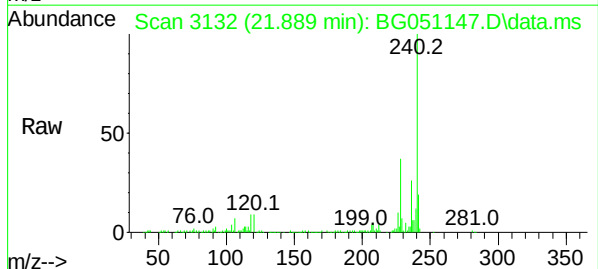
Tgt Ion:240 Resp: 162760

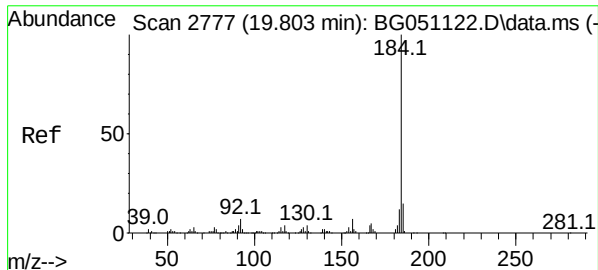
Ion Ratio Lower Upper

240 100

120 9.0 4.2 6.2#

236 25.9 21.8 32.6





Benzidine

Concen: 32.61 ng

RT: 19.803 min Scan# 2777

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

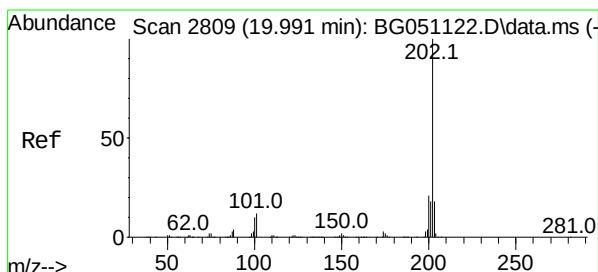
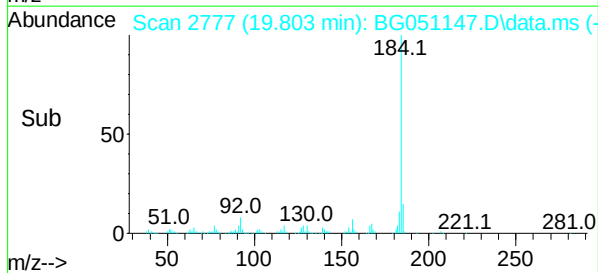
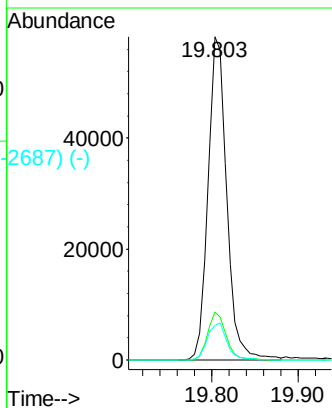
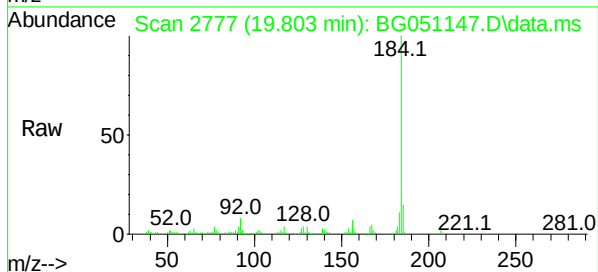
Tgt Ion:184 Resp: 87149

Ion Ratio Lower Upper

184 100

185 14.8 10.7 16.1

183 10.7 9.4 14.0



Pyrene

Concen: 39.57 ng

RT: 19.991 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BG051147.D

Acq: 20 Nov 2021 14:28

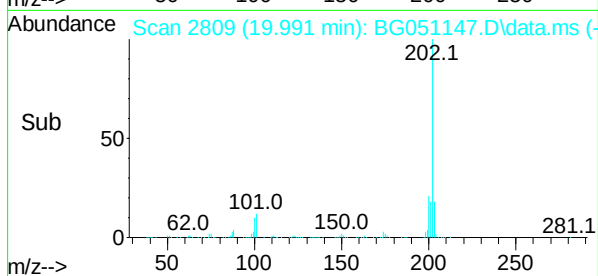
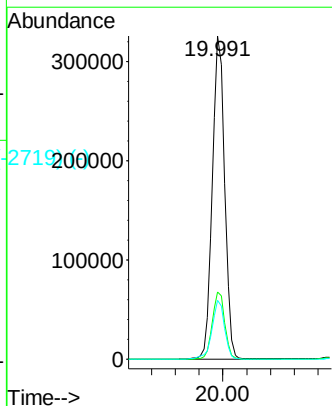
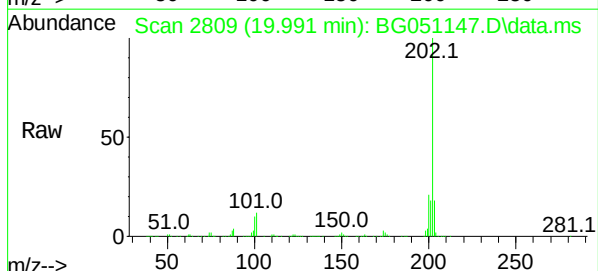
Tgt Ion:202 Resp: 467089

Ion Ratio Lower Upper

202 100

200 20.9 15.8 23.8

203 18.2 14.6 21.8



Abundance Scan 2840 (20.173 min): BG051122.D\data.ms (-2839) (-)

Terphenyl-d14

Concen: 77.98 ng

RT: 20.174 min Scan# 2840

Delta R.T. 0.000 min

Lab File: BG051147.D

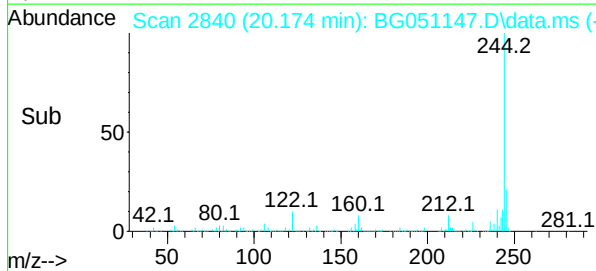
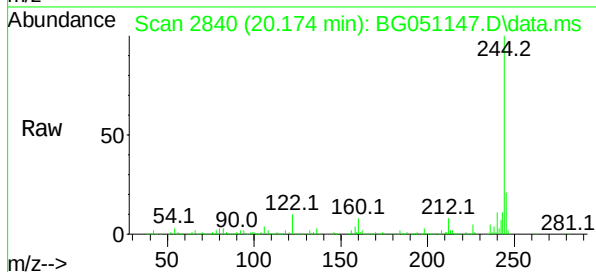
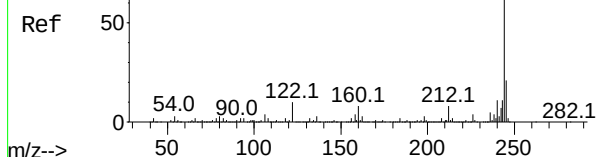
Acq: 20 Nov 2021 14:28

Instrument :

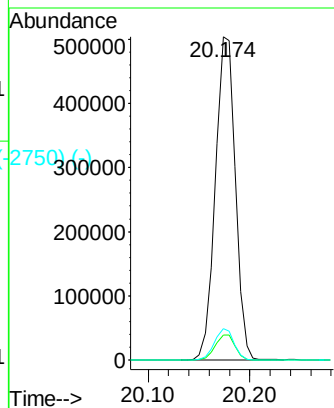
BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:	244	Resp:	694266
Ion Ratio		Lower	Upper
244	100		
212	7.8	6.9	10.3
122	9.7	5.0	7.6#



Abundance Scan 2955 (20.849 min): BG051122.D\data.ms (-2949) (-)

Butylbenzylphthalate

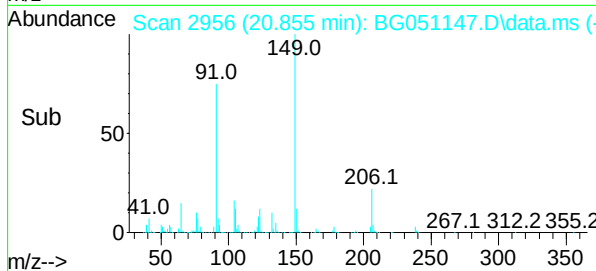
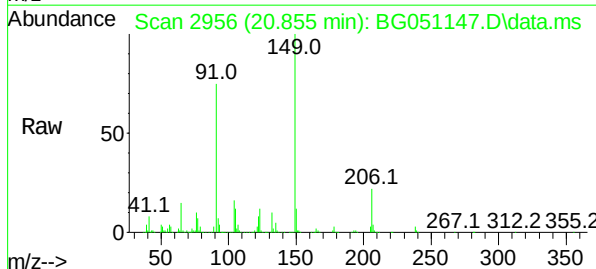
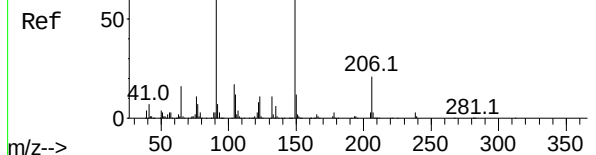
Concen: 38.27 ng

RT: 20.855 min Scan# 2956

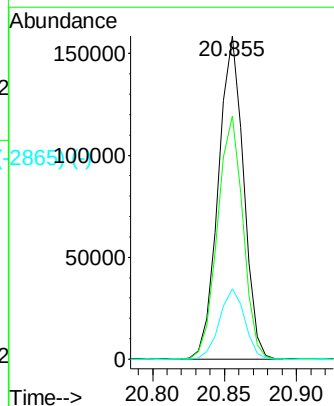
Delta R.T. 0.006 min

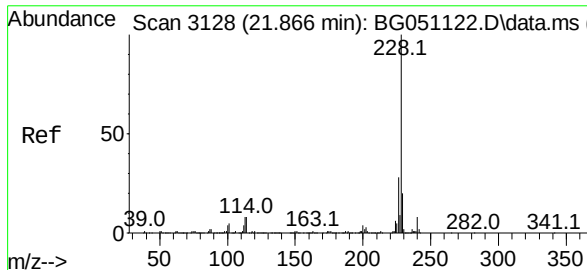
Lab File: BG051147.D

Acq: 20 Nov 2021 14:28



Tgt Ion:	149	Resp:	192595
Ion Ratio		Lower	Upper
149	100		
91	75.2	63.4	95.2
206	21.7	18.4	27.6

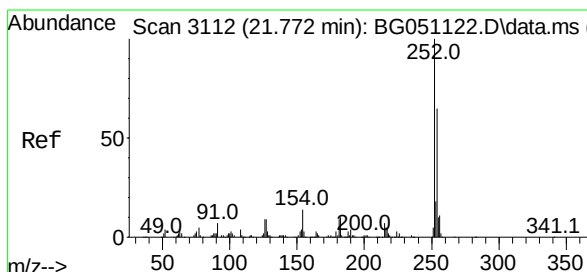
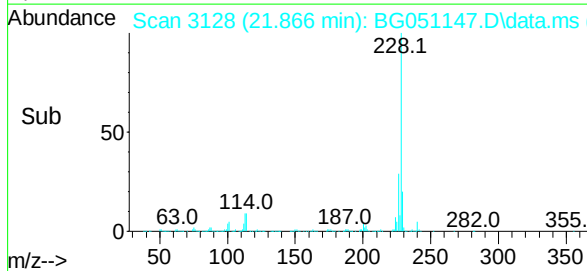
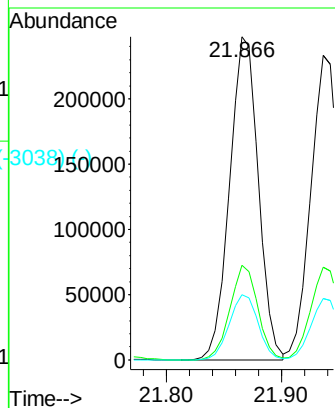
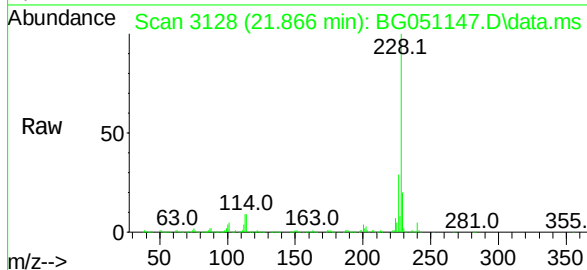




Benzo(a)anthracene
 Concen: 38.45 ng
 RT: 21.866 min Scan# 3128
 Delta R.T. 0.000 min
 Lab File: BG051147.D
 Acq: 20 Nov 2021 14:28

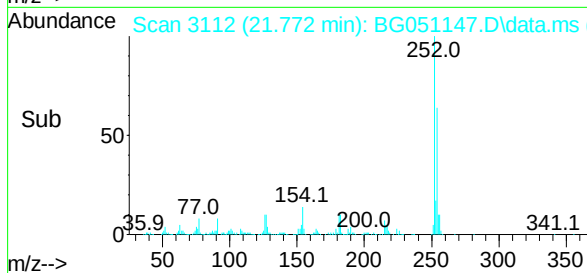
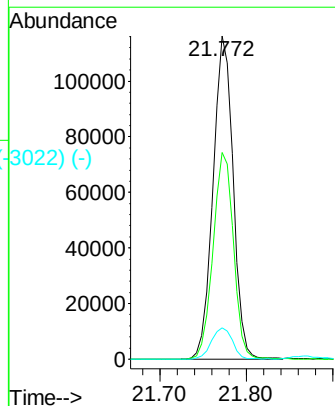
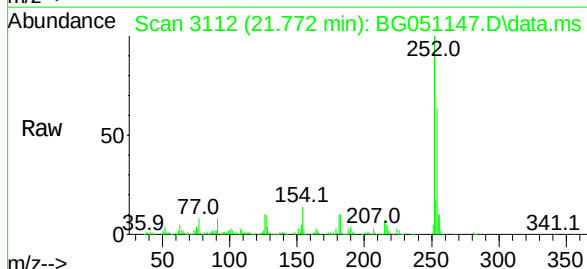
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	228	Resp:	426824
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	20.3	16.0	24.0



3,3'-Dichlorobenzidine
 Concen: 37.98 ng
 RT: 21.772 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BG051147.D
 Acq: 20 Nov 2021 14:28

Tgt Ion:	252	Resp:	188403
Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.4	78.6
126	9.6	5.9	8.9#



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

Chrysene

Concen: 38.71 ng

RT: 21.936 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BG051147.D

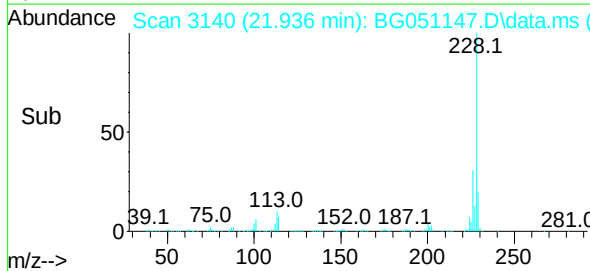
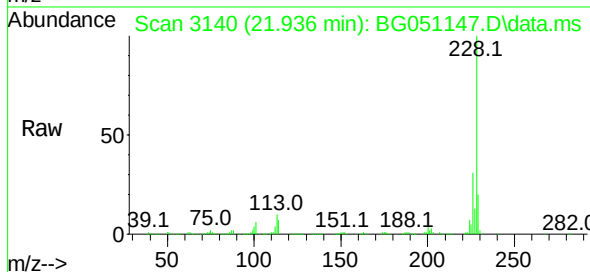
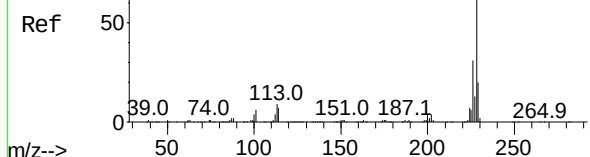
Acq: 20 Nov 2021 14:28

Instrument :

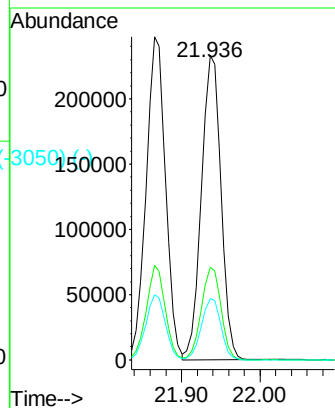
BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:	228	Resp:	403451
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.1	34.7
229	20.1	15.3	22.9



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

Bis(2-ethylhexyl)phthalate

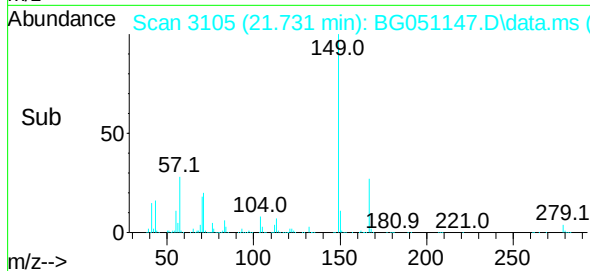
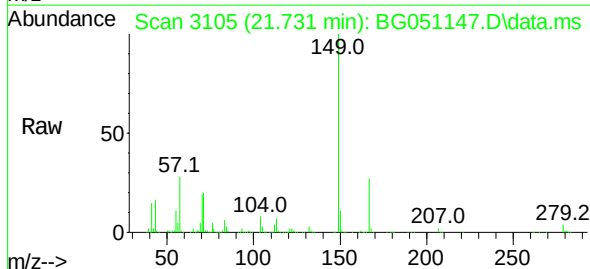
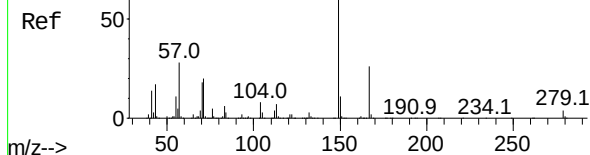
Concen: 38.41 ng

RT: 21.731 min Scan# 3105

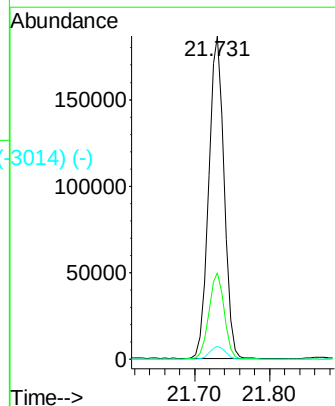
Delta R.T. 0.006 min

Lab File: BG051147.D

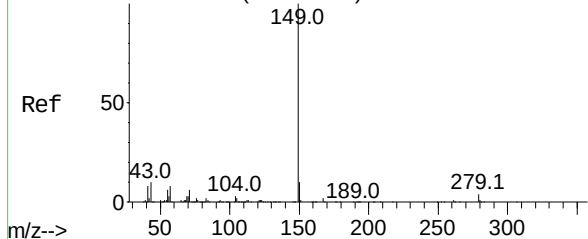
Acq: 20 Nov 2021 14:28



Tgt Ion:	149	Resp:	269210
Ion Ratio	Lower	Upper	
149	100		
167	26.6	22.3	33.5
279	4.0	3.8	5.8



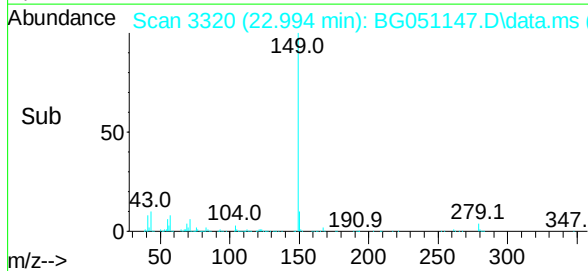
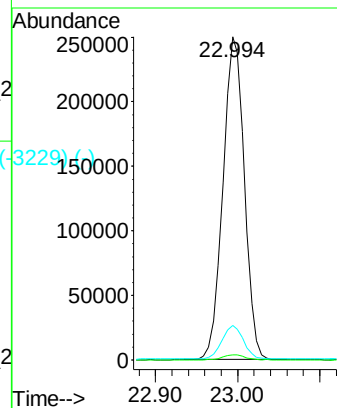
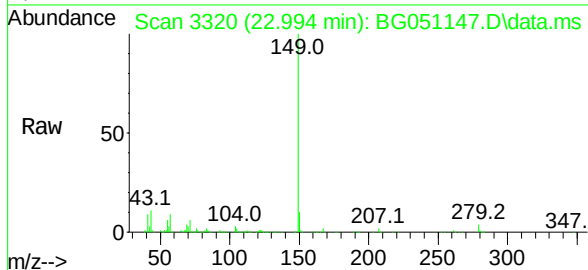
Abundance Scan 3319 (22.988 min): BG051122.D\data.ms (-3305) (-)



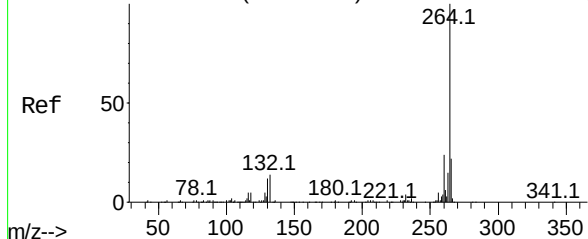
Di-n-octyl phthalate
Concen: 38.61 ng
RT: 22.994 min Scan# 3319
Delta R.T. 0.006 min
Lab File: BG051147.D
Acq: 20 Nov 2021 14:28

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	149	Resp:	453443
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.3	8.6	12.8

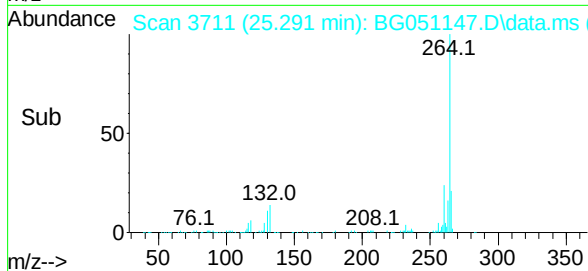
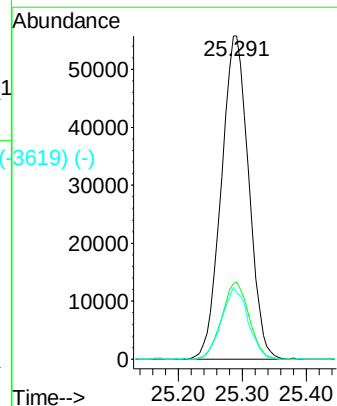
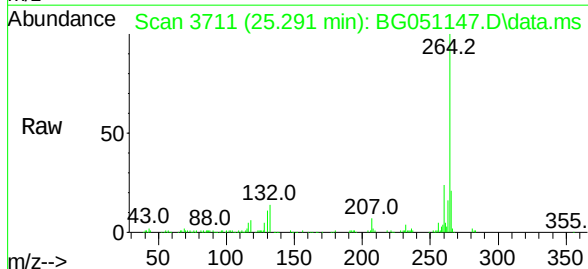


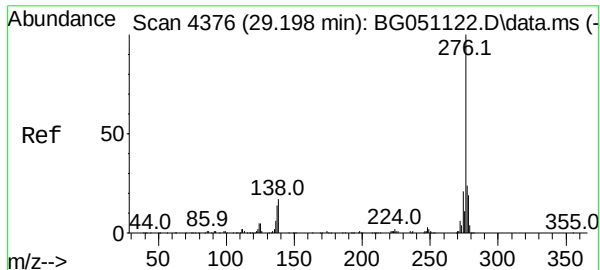
Abundance Scan 3709 (25.279 min): BG051122.D\data.ms (-3696) (-)



Perylene-d12
Concen: 20.00 ng
RT: 25.291 min Scan# 3711
Delta R.T. 0.012 min
Lab File: BG051147.D
Acq: 20 Nov 2021 14:28

Tgt Ion:	264	Resp:	165538
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	20.5	16.9	25.3

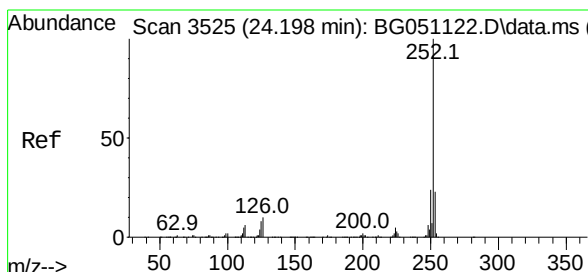
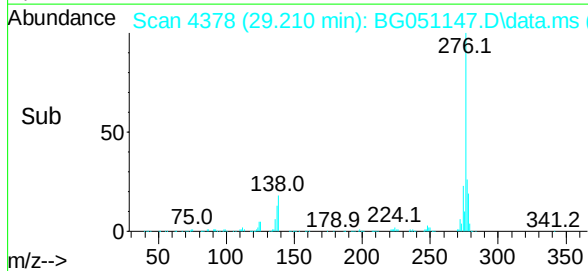
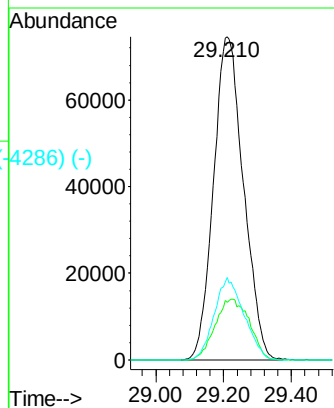
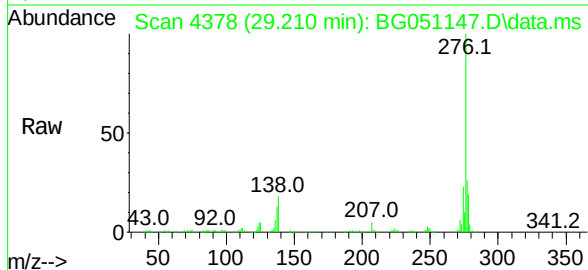




Indeno(1,2,3-cd)pyrene
Concen: 38.51 ng
RT: 29.210 min Scan# 4383
Delta R.T. 0.012 min
Lab File: BG051147.D
Acq: 20 Nov 2021 14:28

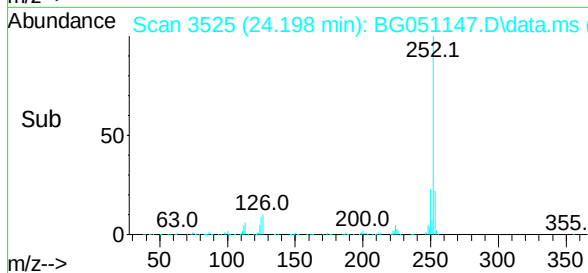
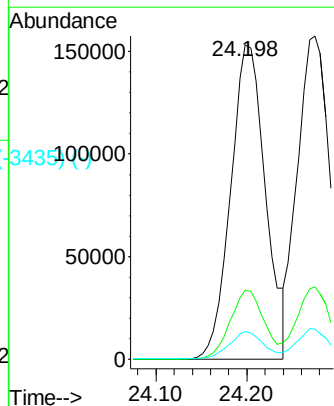
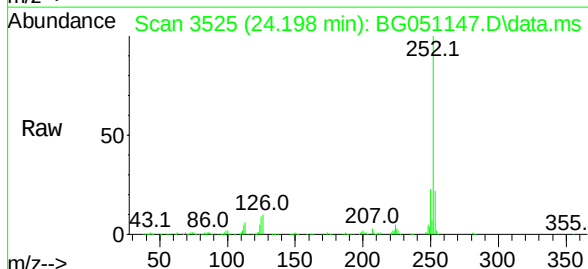
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

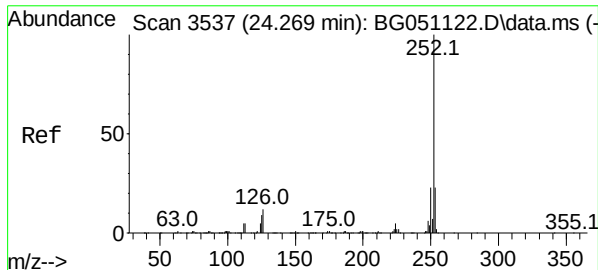
Tgt Ion:	276	Resp:	457502
Ion Ratio	Lower	Upper	
276	100		
138	21.5	5.1	7.7#
277	25.3	19.8	29.6



Benzo(b)fluoranthene
Concen: 39.98 ng
RT: 24.198 min Scan# 3525
Delta R.T. 0.000 min
Lab File: BG051147.D
Acq: 20 Nov 2021 14:28

Tgt Ion:	252	Resp:	407954
Ion Ratio	Lower	Upper	
252	100		
253	22.0	16.2	24.4
125	8.8	3.0	4.4#

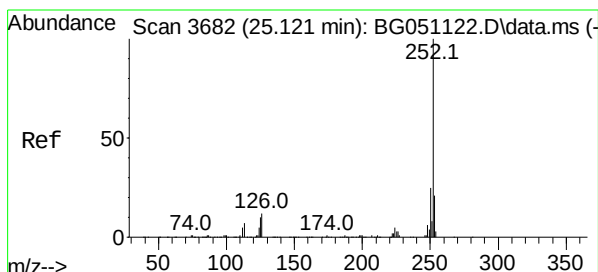
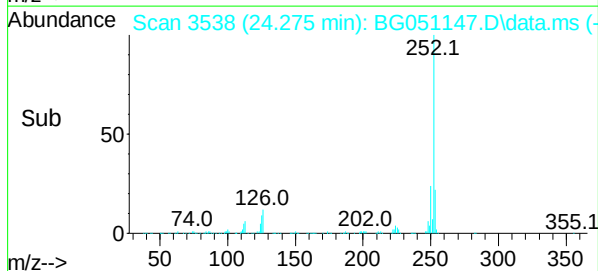
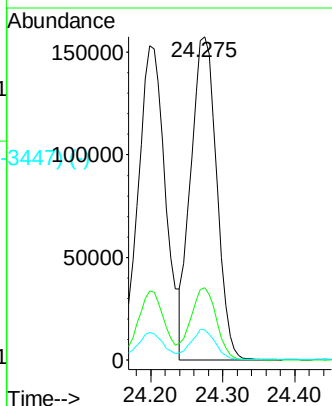
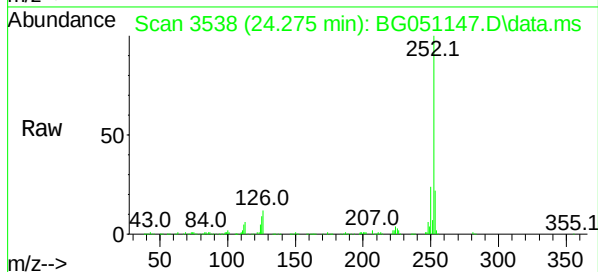




Benzo(k)fluoranthene
 Concen: 37.85 ng
 RT: 24.275 min Scan# 3539
 Delta R.T. 0.006 min
 Lab File: BG051147.D
 Acq: 20 Nov 2021 14:28

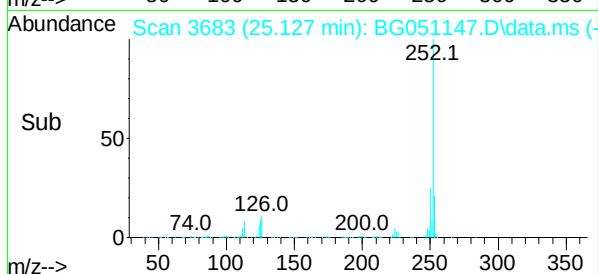
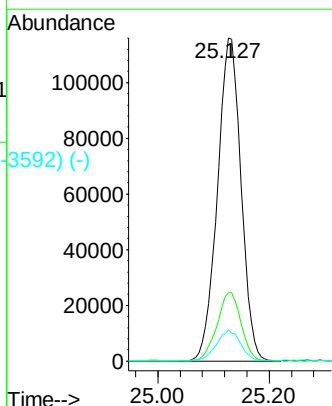
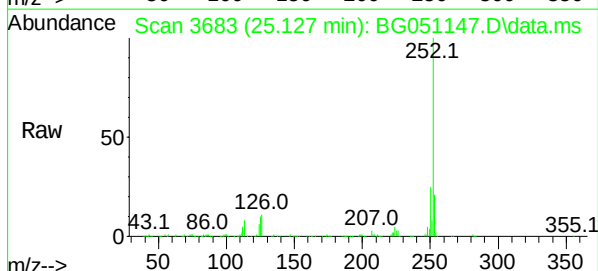
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

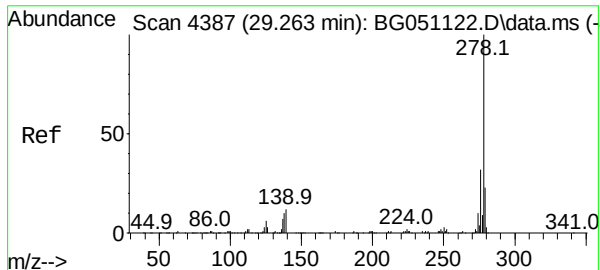
Tgt Ion:	252	Resp:	391748
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	9.2	3.1	4.7#



Benzo(a)pyrene
 Concen: 38.62 ng
 RT: 25.127 min Scan# 3683
 Delta R.T. 0.006 min
 Lab File: BG051147.D
 Acq: 20 Nov 2021 14:28

Tgt Ion:	252	Resp:	341931
Ion Ratio	Lower	Upper	
252	100		
253	21.1	16.6	25.0
125	9.6	3.5	5.3#

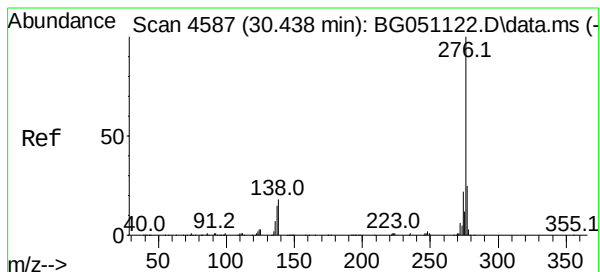
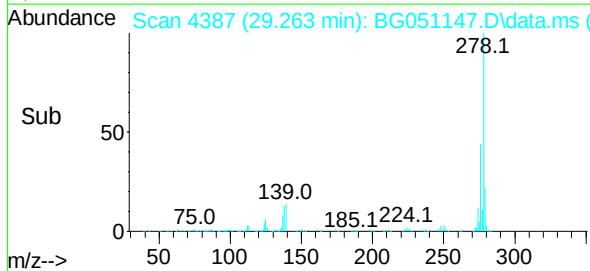
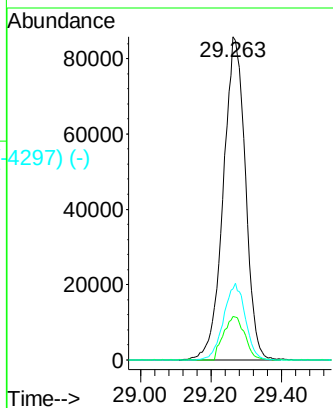
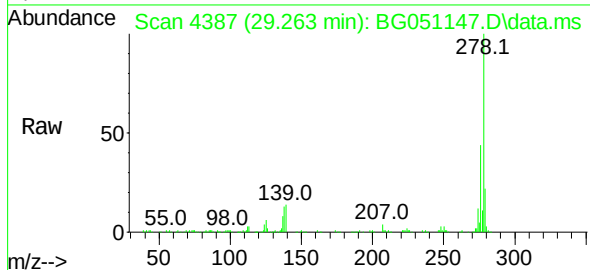




Scan 4387 (29.263 min): BG051122.D\data.ms (-4399) (-)
 Dibenzo(a,h)anthracene
 Concen: 38.06 ng
 RT: 29.263 min Scan# 4390
 Delta R.T. 0.000 min
 Lab File: BG051147.D
 Acq: 20 Nov 2021 14:28

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	278	Resp:	372535
Ion	Ratio	Lower	Upper
278	100		
139	13.5	4.6	6.8#
279	22.0	17.9	26.9



Scan 4587 (30.438 min): BG051122.D\data.ms (-4592) (-)
 Benzo(g,h,i)perylene
 Concen: 38.39 ng
 RT: 30.444 min Scan# 4588
 Delta R.T. 0.006 min
 Lab File: BG051147.D
 Acq: 20 Nov 2021 14:28

Tgt Ion:	276	Resp:	371588
Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	17.7	7.0	10.6#

