

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056925.D
 Acq On : 30 Mar 2023 15:24
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Quant Time: Mar 30 16:13:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 16:07:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	21752	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	85627	20.000	ng	# 0.00
39) Acenaphthene-d10	15.034	164	65776	20.000	ng	0.00
64) Phenanthrene-d10	17.772	188	162761	20.000	ng	0.00
76) Chrysene-d12	22.095	240	150663	20.000	ng	0.00
86) Perylene-d12	25.638	264	165219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	127456	90.310	ng	0.00
7) Phenol-d6	7.544	99	195667	93.908	ng	0.00
23) Nitrobenzene-d5	9.595	82	200139	94.129	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	103746	97.205	ng	0.00
45) 2-Fluorobiphenyl	13.660	172	465645	93.497	ng	0.00
79) Terphenyl-d14	20.339	244	837601	91.172	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.726	88	28473	45.956	ng	96
3) Pyridine	4.149	79	94136	49.252	ng	99
4) n-Nitrosodimethylamine	4.055	42	42998	47.650	ng	99
6) Aniline	7.726	93	122516	45.259	ng	98
8) 2-Chlorophenol	7.973	128	64866	46.183	ng	93
9) Benzaldehyde	7.538	77	60637	40.602	ng	95
10) Phenol	7.568	94	95800	45.977	ng	97
11) bis(2-Chloroethyl)ether	7.815	93	67277	44.681	ng	96
12) 1,3-Dichlorobenzene	8.302	146	70782	45.160	ng	96
13) 1,4-Dichlorobenzene	8.449	146	70412	44.602	ng	97
14) 1,2-Dichlorobenzene	8.778	146	68971	45.145	ng	93
15) Benzyl Alcohol	8.643	79	83457	49.036	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.937	45	79586	43.845	ng	97
17) 2-Methylphenol	8.843	107	70410	47.903	ng	94
18) Hexachloroethane	9.518	117	26237	45.465	ng	92
19) n-Nitroso-di-n-propyla...	9.219	70	69376	46.347	ng	95
20) 3+4-Methylphenols	9.172	107	95645	46.257	ng	97
22) Acetophenone	9.242	105	118833	45.385	ng	# 99
24) Nitrobenzene	9.636	77	102815	47.543	ng	97
25) Isophorone	10.158	82	187658	46.154	ng	99
26) 2-Nitrophenol	10.352	139	41047	50.220	ng	92
27) 2,4-Dimethylphenol	10.393	122	69322	46.861	ng	99
28) bis(2-Chloroethoxy)met...	10.634	93	92064	44.310	ng	100
29) 2,4-Dichlorophenol	10.893	162	75075	47.415	ng	98
30) 1,2,4-Trichlorobenzene	11.116	180	77889	45.616	ng	97
31) Naphthalene	11.310	128	219644	46.102	ng	98
32) Benzoic acid	10.517	122	51445	53.605	ng	94
33) 4-Chloroaniline	11.404	127	100269	46.777	ng	96
34) Hexachlorobutadiene	11.586	225	59753	46.632	ng	96
35) Caprolactam	12.173	113	26564	47.963	ng	# 85
36) 4-Chloro-3-methylphenol	12.491	107	84970	48.178	ng	94
37) 2-Methylnaphthalene	12.884	142	176212	46.566	ng	98
38) 1-Methylnaphthalene	13.102	142	161799	45.139	ng	100
40) 1,2,4,5-Tetrachloroben...	13.243	216	111049	47.853	ng	99
41) Hexachlorocyclopentadiene	13.219	237	66588	56.414	ng	95

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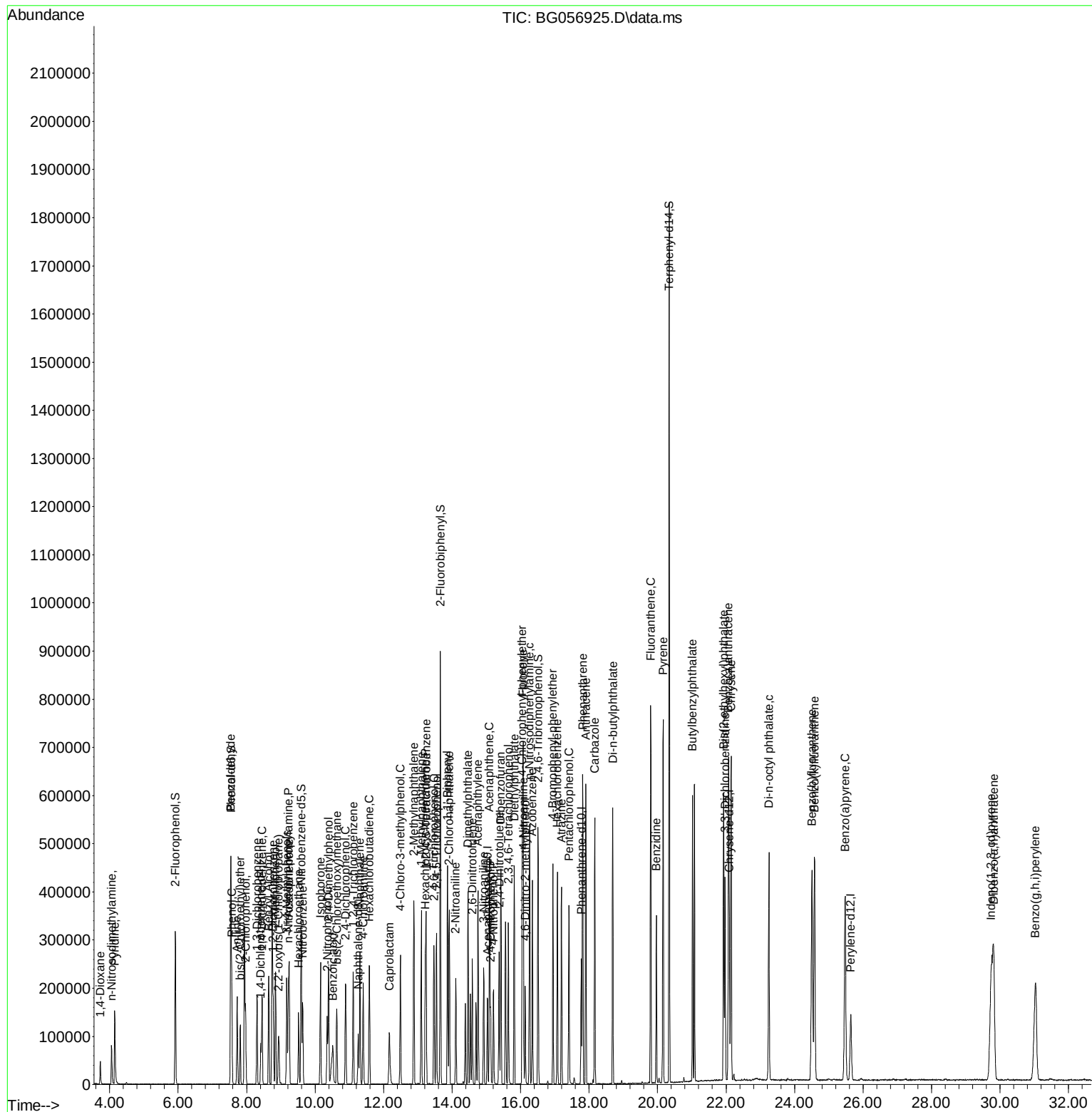
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.472	196	71357	48.838	ng	98
44) 2,4,5-Trichlorophenol	13.542	196	85637	49.728	ng	96
46) 1,1'-Biphenyl	13.865	154	235429	48.103	ng	98
47) 2-Chloronaphthalene	13.918	162	168919	46.280	ng	96
48) 2-Nitroaniline	14.106	65	63521	50.064	ng	95
49) Acenaphthylene	14.758	152	283019	47.307	ng	99
50) Dimethylphthalate	14.464	163	250323	46.772	ng	99
51) 2,6-Dinitrotoluene	14.588	165	54987	48.065	ng	94
52) Acenaphthene	15.093	154	196285	48.011	ng	97
53) 3-Nitroaniline	14.923	138	54934	48.760	ng	100
54) 2,4-Dinitrophenol	15.122	184	32958	56.209	ng	# 88
55) Dibenzofuran	15.422	168	290715	46.766	ng	95
56) 4-Nitrophenol	15.210	139	42682	52.881	ng	94
57) 2,4-Dinitrotoluene	15.375	165	77858	48.380	ng	99
58) Fluorene	16.074	166	239398	46.303	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.645	232	79332	50.629	ng	98
60) Diethylphthalate	15.816	149	252757	47.396	ng	97
61) 4-Chlorophenyl-phenyle...	16.051	204	140063	46.332	ng	98
62) 4-Nitroaniline	16.086	138	56109	47.931	ng	98
63) Azobenzene	16.344	77	248809	46.720	ng	100
65) 4,6-Dinitro-2-methylph...	16.133	198	50844	53.808	ng	97
66) n-Nitrosodiphenylamine	16.262	169	211265	47.957	ng	96
67) 4-Bromophenyl-phenylether	16.943	248	96607	47.601	ng	96
68) Hexachlorobenzene	17.073	284	95175	47.303	ng	98
69) Atrazine	17.196	200	84792	45.169	ng	96
70) Pentachlorophenol	17.413	266	71287	50.916	ng	97
71) Phenanthrene	17.813	178	398553	47.050	ng	98
72) Anthracene	17.907	178	406530	46.723	ng	99
73) Carbazole	18.165	167	350781	45.588	ng	97
74) Di-n-butylphthalate	18.694	149	405763	45.805	ng	98
75) Fluoranthene	19.798	202	499945	45.829	ng	100
77) Benzidine	19.963	184	192640	44.319	ng	98
78) Pyrene	20.163	202	502926	47.077	ng	96
80) Butylbenzylphthalate	21.020	149	176624	49.581	ng	96
81) Benzo(a)anthracene	22.072	228	505805	47.821	ng	99
82) 3,3'-Dichlorobenzidine	21.972	252	170865	47.702	ng	97
83) Chrysene	22.148	228	464991	46.701	ng	100
84) Bis(2-ethylhexyl)phtha...	21.931	149	257199	49.817	ng	97
85) Di-n-octyl phthalate	23.253	149	431843	49.659	ng	99
87) Indeno(1,2,3-cd)pyrene	29.744	276	590222	47.795	ng	# 98
88) Benzo(b)fluoranthene	24.510	252	509263	49.231	ng	99
89) Benzo(k)fluoranthene	24.580	252	499154	47.719	ng	98
90) Benzo(a)pyrene	25.479	252	496029	48.129	ng	97
91) Dibenzo(a,h)anthracene	29.814	278	484103	47.491	ng	99
92) Benzo(g,h,i)perylene	31.036	276	476123	47.832	ng	99

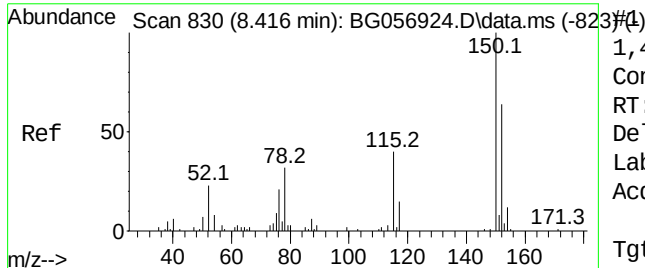
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.414 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

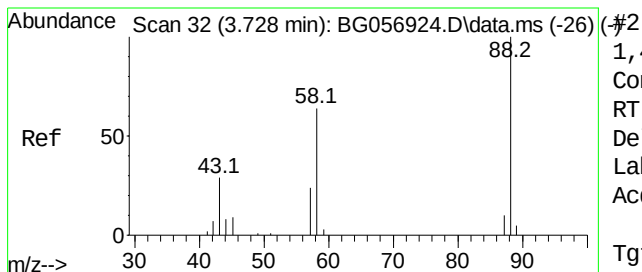
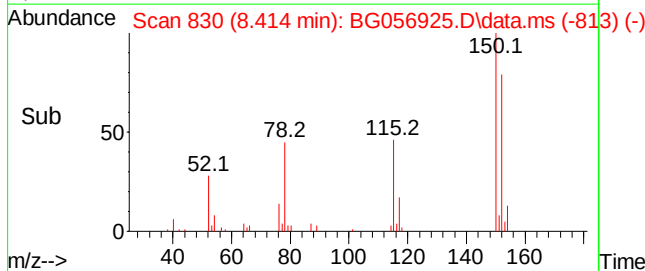
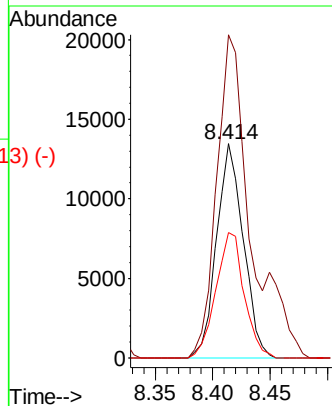
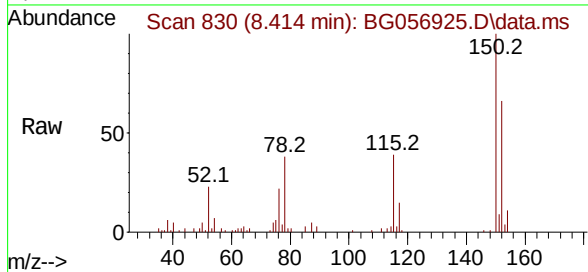
Tgt Ion:152 Resp: 21752

Ion Ratio Lower Upper

152 100

150 150.8 124.1 186.1

115 58.5 49.1 73.7



1,4-Dioxane

Concen: 45.956 ng

RT: 3.726 min Scan# 32

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

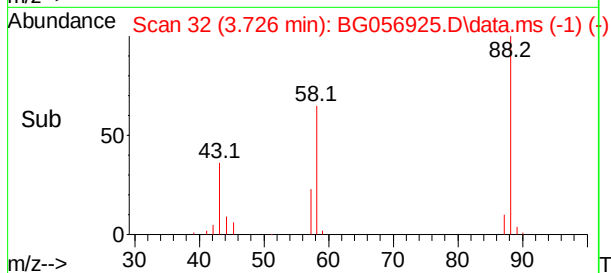
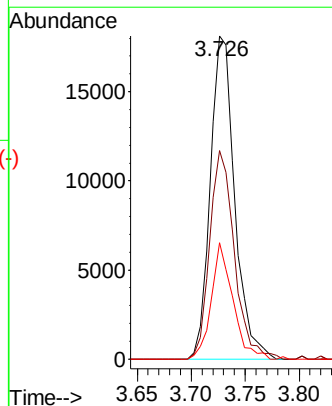
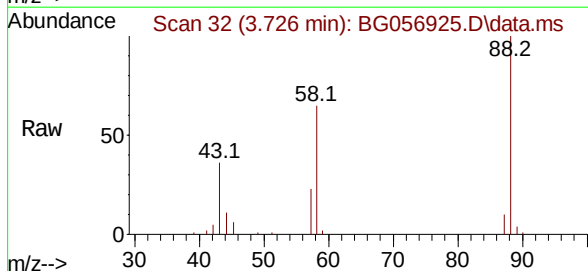
Tgt Ion: 88 Resp: 28473

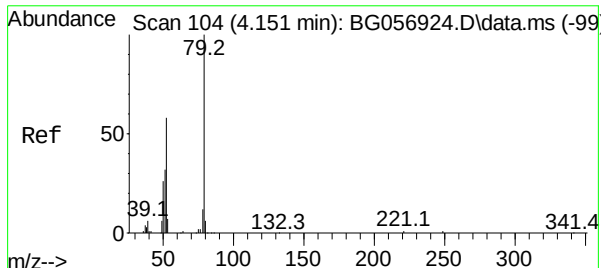
Ion Ratio Lower Upper

88 100

58 65.3 55.9 83.9

43 31.7 25.7 38.5





Pyridine

Concen: 49.252 ng

RT: 4.149 min Scan#

Delta R.T. -0.002 min

Lab File: BG056925.D

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Instrument :

BNA_G

ClientSampleId :

SSTDICC050

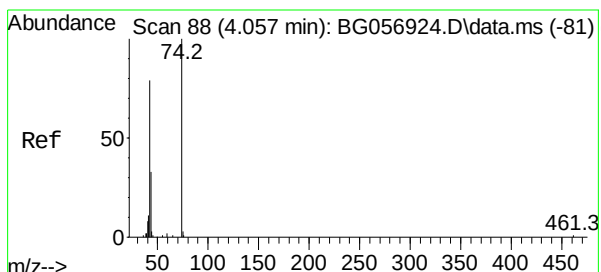
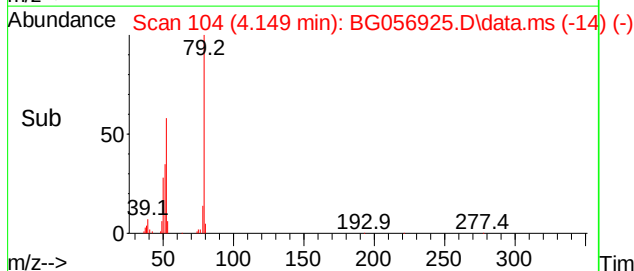
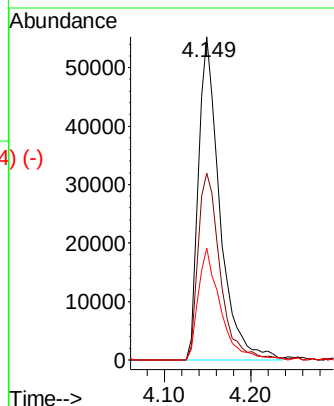
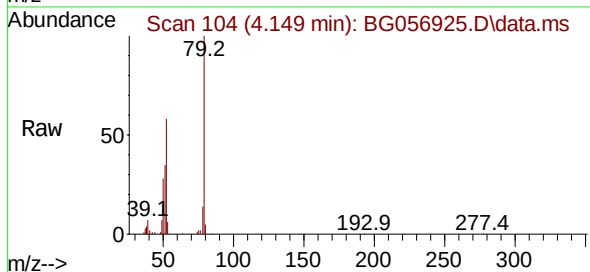
Tgt Ion: 79 Resp: 94136

Ion Ratio Lower Upper

79 100

52 57.8 46.1 69.1

51 34.7 26.1 39.1



n-Nitrosodimethylamine

Concen: 47.650 ng

RT: 4.055 min Scan# 88

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

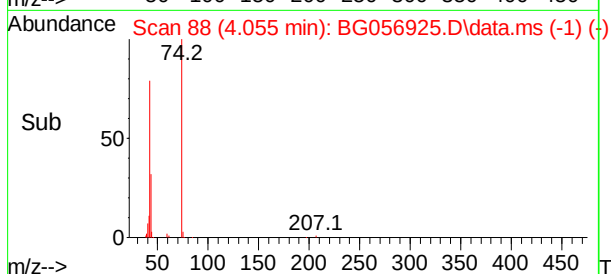
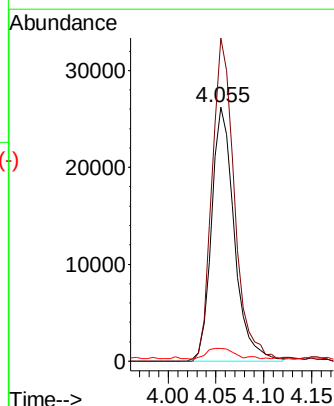
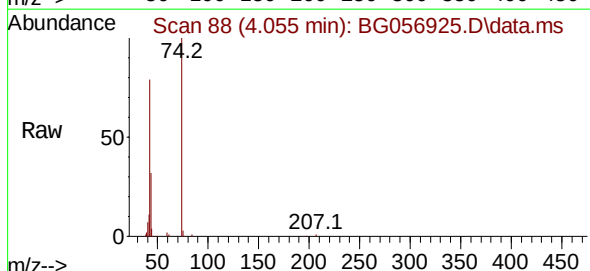
Tgt Ion: 42 Resp: 42998

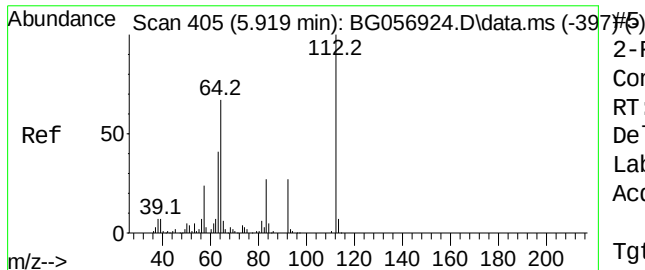
Ion Ratio Lower Upper

42 100

74 127.1 100.6 151.0

44 5.0 4.6 7.0





2-Fluorophenol

Concen: 90.310 ng

RT: 5.917 min Scan# 4

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

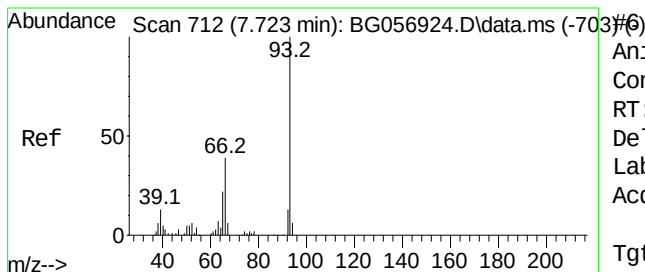
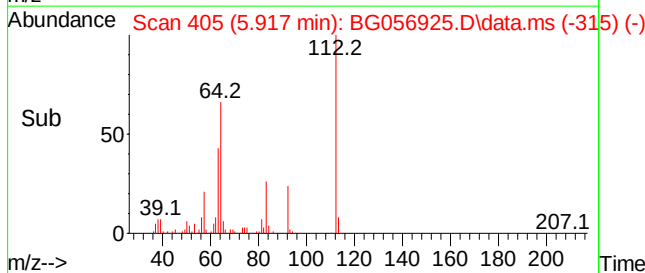
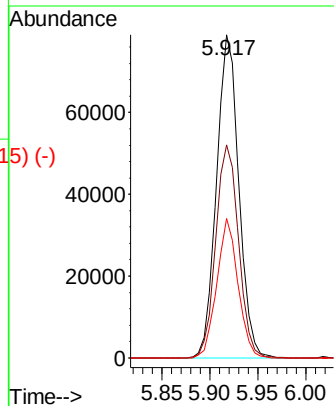
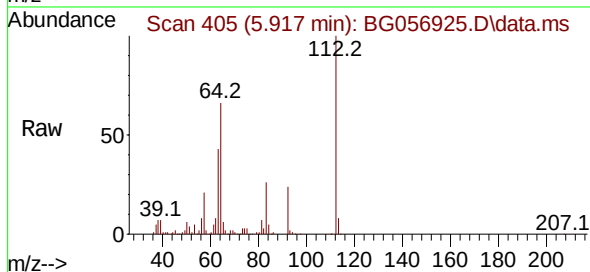
Tgt Ion:112 Resp: 127456

Ion Ratio Lower Upper

112 100

64 65.9 53.2 79.8

63 43.1 32.6 48.8



Aniline

Concen: 45.259 ng

RT: 7.726 min Scan# 713

Delta R.T. 0.004 min

Lab File: BG056925.D

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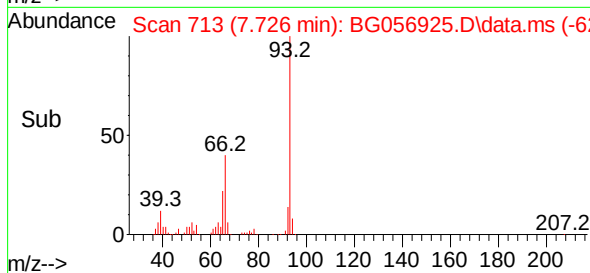
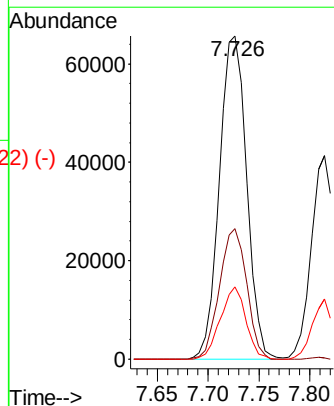
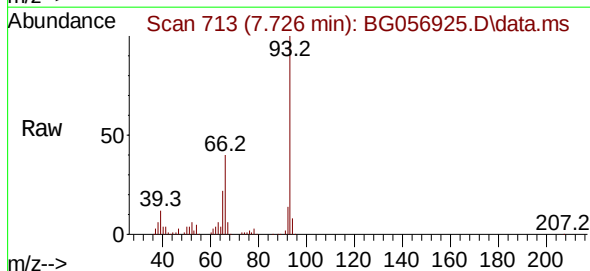
Tgt Ion: 93 Resp: 122516

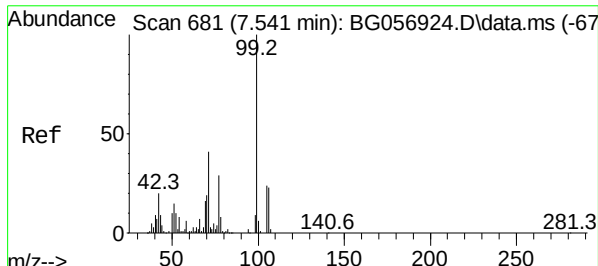
Ion Ratio Lower Upper

93 100

66 40.3 31.4 47.0

65 22.4 17.3 25.9





Phenol-d6

Concen: 93.908 ng

RT: 7.544 min Scan#

Delta R.T. 0.004 min

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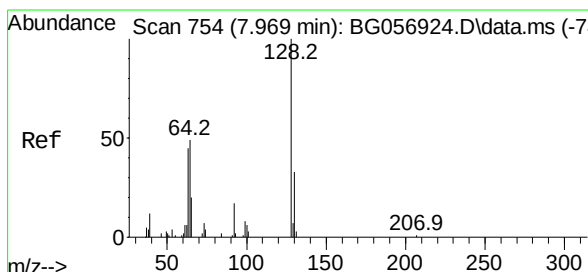
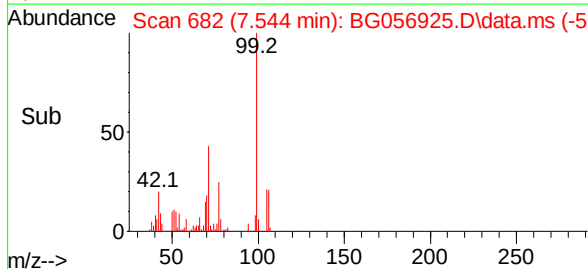
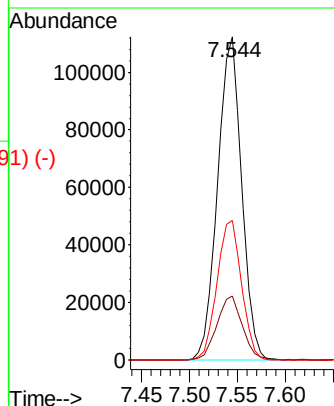
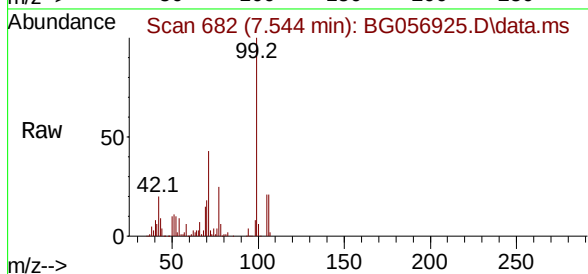
Tgt Ion: 99 Resp: 195667

Ion Ratio Lower Upper

99 100

42 19.8 15.7 23.5

71 43.2 32.5 48.7



2-Chlorophenol

Concen: 46.183 ng

RT: 7.973 min Scan# 755

Delta R.T. 0.004 min

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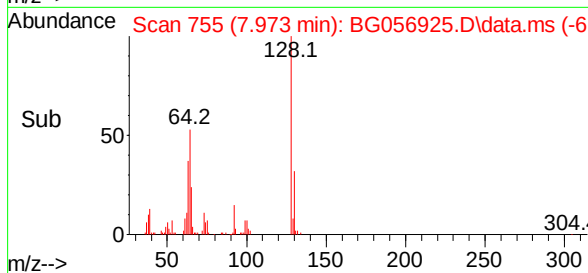
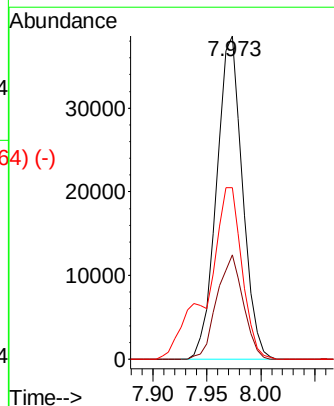
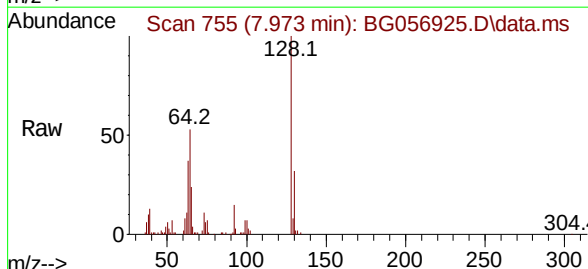
Tgt Ion: 128 Resp: 64866

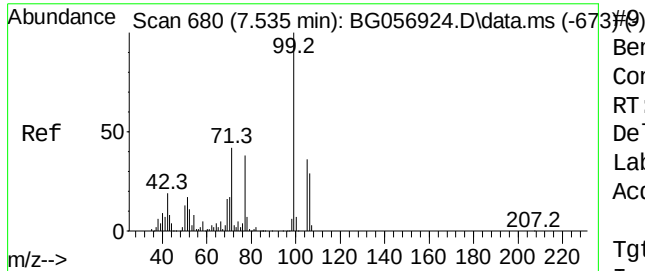
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 53.0 40.6 80.6





Benzaldehyde

Concen: 40.602 ng

RT: 7.538 min Scan#

Delta R.T. 0.004 min

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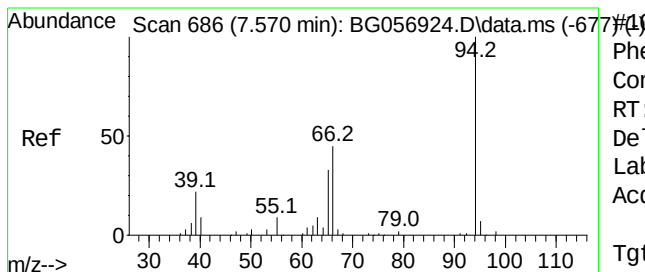
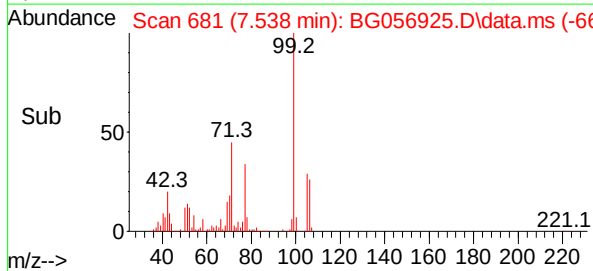
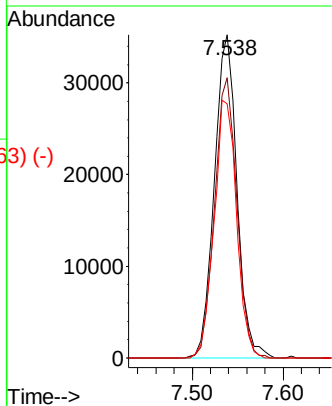
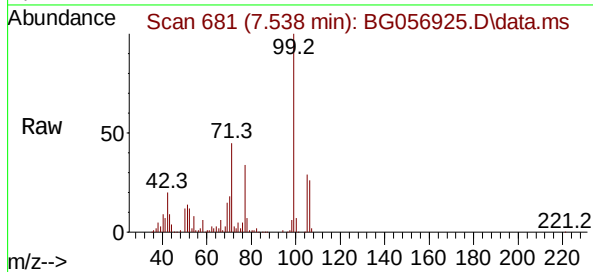
Tgt Ion: 77 Resp: 60637

Ion Ratio Lower Upper

77 100

105 86.7 73.6 113.6

106 78.6 56.7 96.7



Phenol

Concen: 45.977 ng

RT: 7.568 min Scan# 686

Delta R.T. -0.002 min

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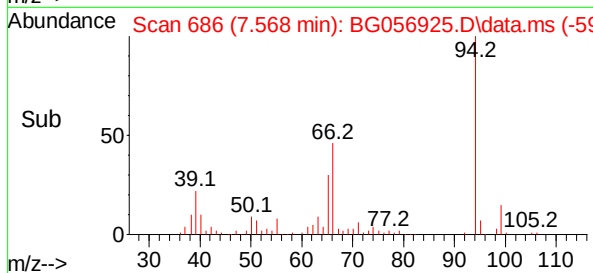
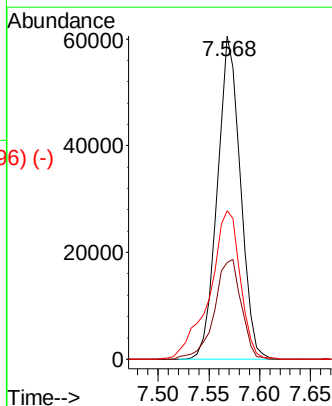
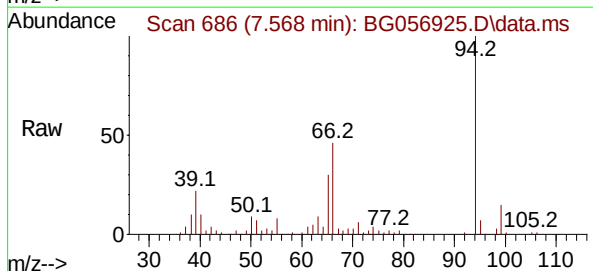
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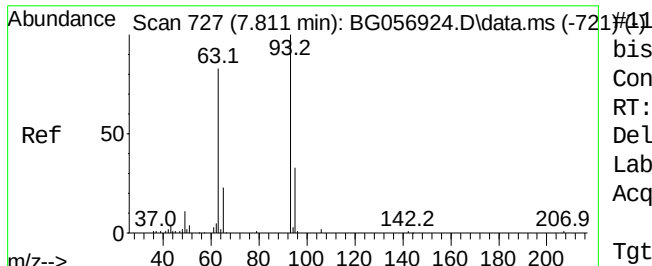
Ion Ratio Lower Upper

94 100

65 30.0 13.3 53.3

66 46.0 26.7 66.7

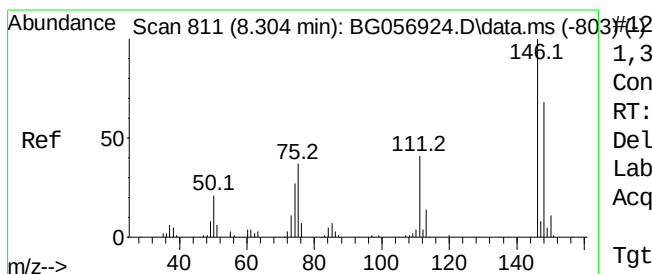
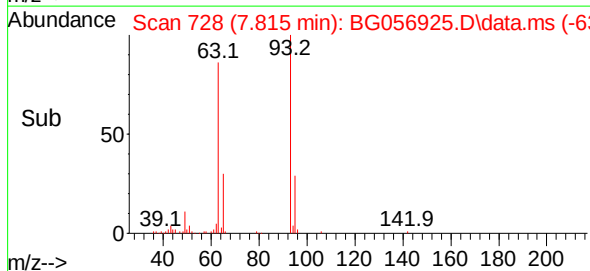
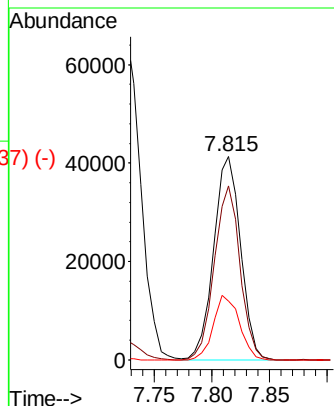
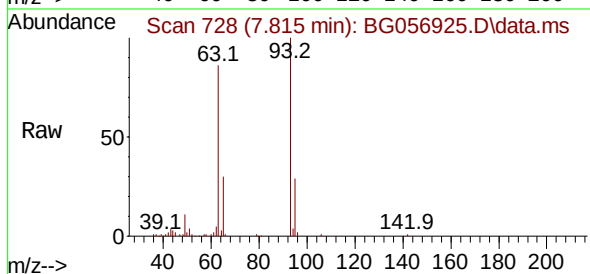




bis(2-Chloroethyl)ether
 Concen: 44.681 ng
 RT: 7.815 min Scan# 727
 Delta R.T. 0.004 min
 Lab File: BG056925.D
 Acq: 30 Mar 2023 15:24

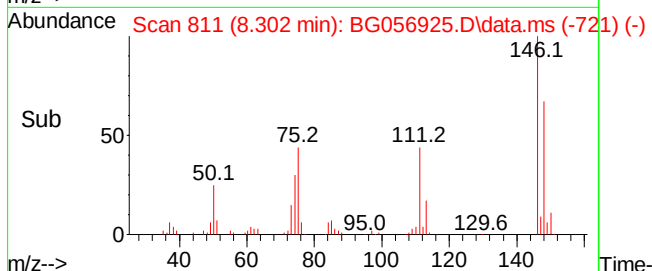
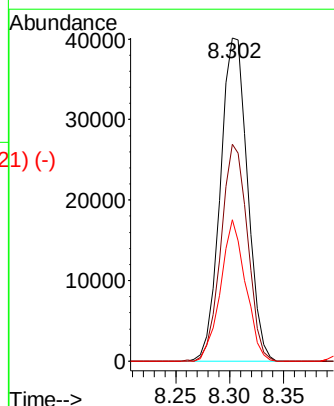
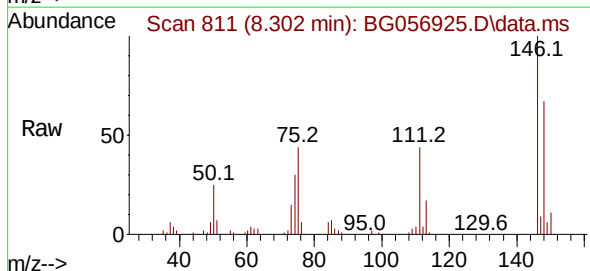
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

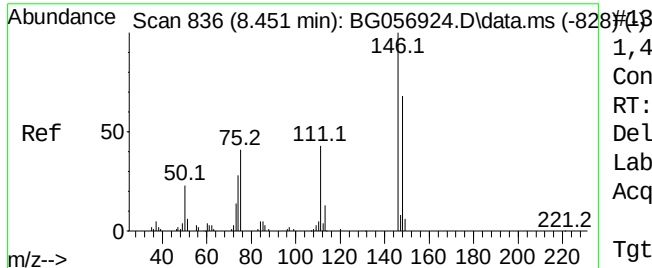
Tgt Ion:	93	Resp:	67277
Ion	Ratio	Lower	Upper
93	100		
63	85.5	62.7	102.7
95	28.8	12.3	52.3



1,3-Dichlorobenzene
 Concen: 45.160 ng
 RT: 8.302 min Scan# 811
 Delta R.T. -0.002 min
 Lab File: BG056925.D
 Acq: 30 Mar 2023 15:24

Tgt Ion:	146	Resp:	70782
Ion	Ratio	Lower	Upper
146	100		
148	67.2	54.2	81.4
75	43.7	29.8	44.8





1,4-Dichlorobenzene

Concen: 44.602 ng

RT: 8.449 min Scan# 836

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

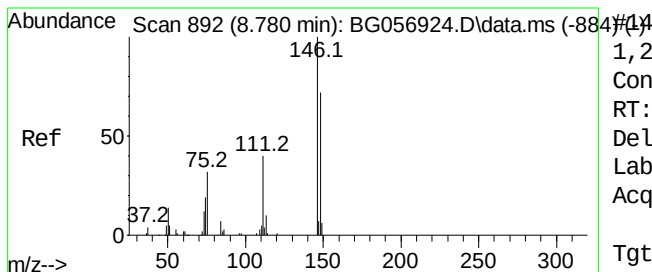
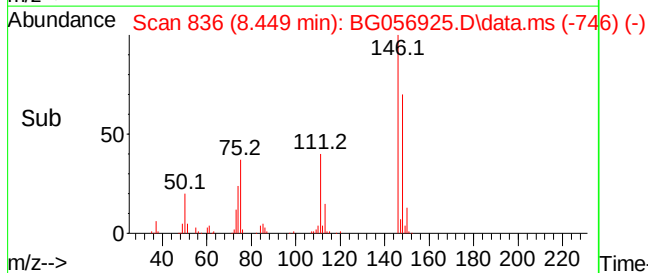
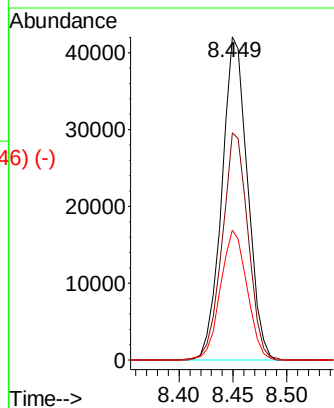
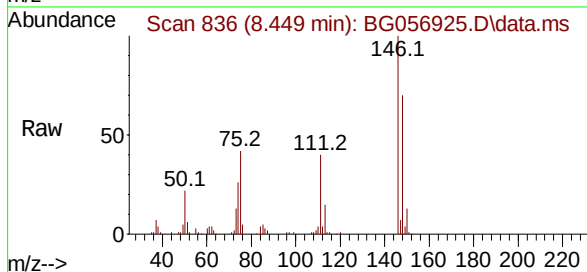
Tgt Ion:146 Resp: 70412

Ion Ratio Lower Upper

146 100

148 70.4 54.8 82.2

111 40.3 34.6 52.0



1,2-Dichlorobenzene

Concen: 45.145 ng

RT: 8.778 min Scan# 892

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

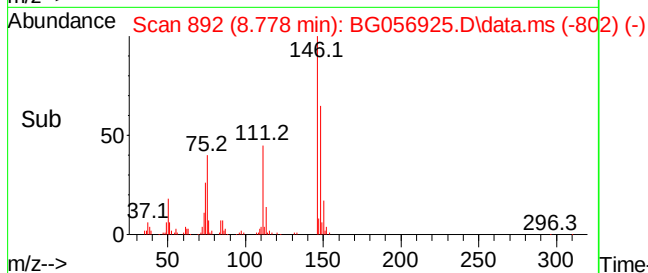
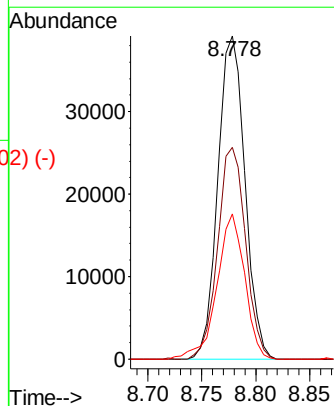
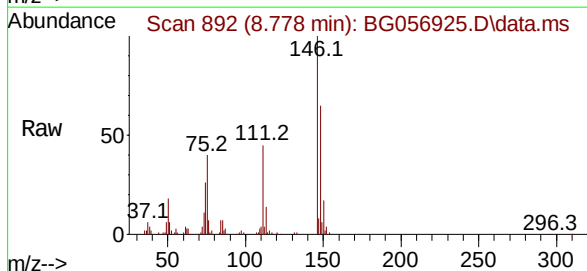
Tgt Ion:146 Resp: 68971

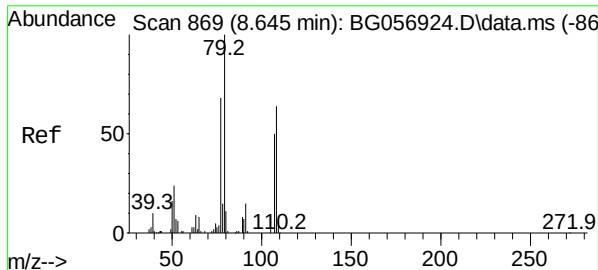
Ion Ratio Lower Upper

146 100

148 65.5 57.4 86.0

111 44.9 33.2 49.8





Benzyl Alcohol

Concen: 49.036 ng

RT: 8.643 min Scan# 815

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

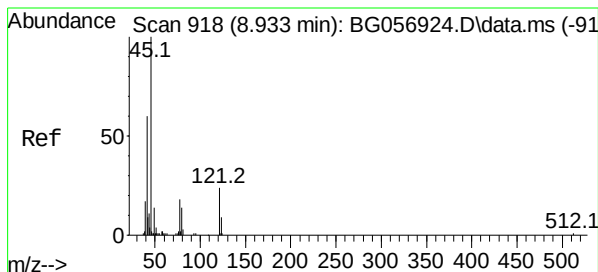
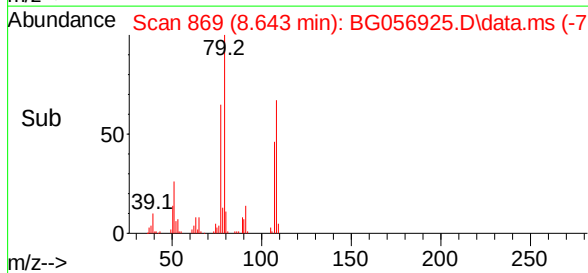
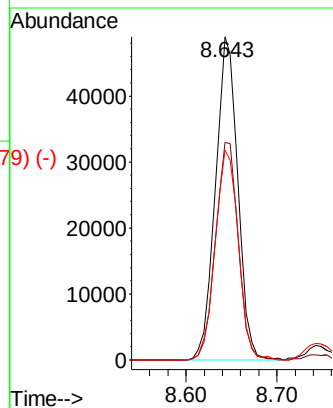
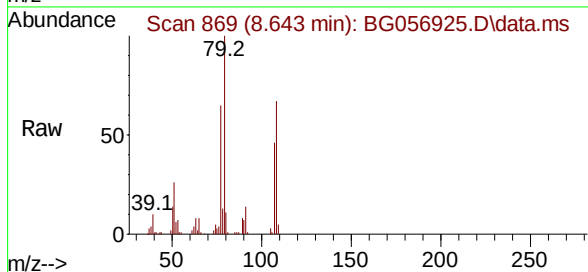
Tgt Ion: 79 Resp: 83457

Ion Ratio Lower Upper

79 100

108 67.4 51.2 76.8

77 64.9 54.4 81.6



2,2'-oxybis(1-Chloropropane)

Concen: 43.845 ng

RT: 8.937 min Scan# 919

Delta R.T. 0.004 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

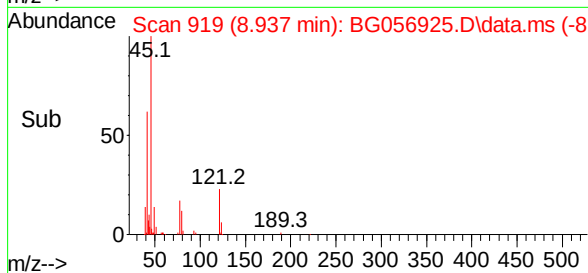
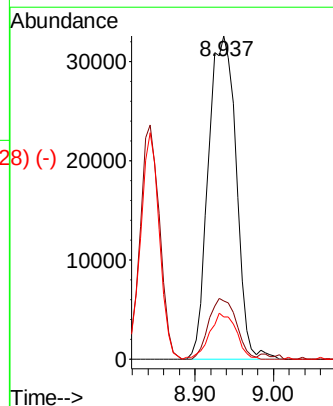
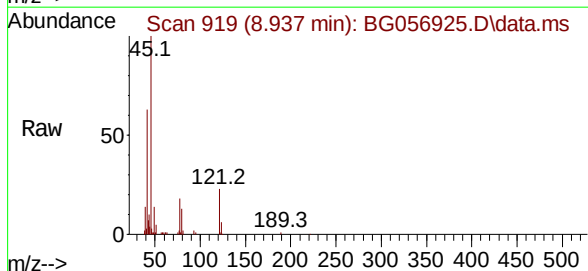
Tgt Ion: 45 Resp: 79586

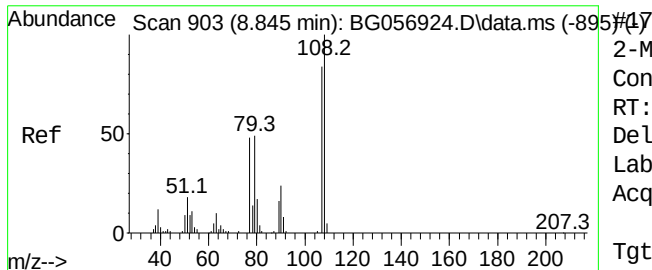
Ion Ratio Lower Upper

45 100

77 17.9 0.0 38.7

79 13.1 0.0 35.1





2-Methylphenol

Concen: 47.903 ng

RT: 8.843 min Scan#

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 70410

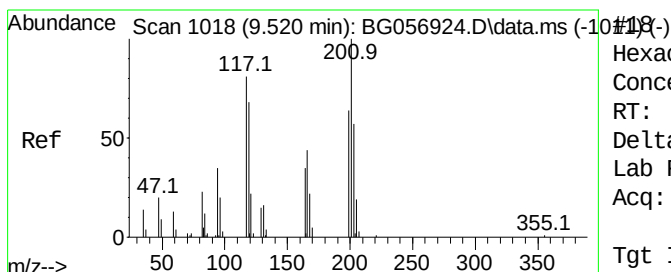
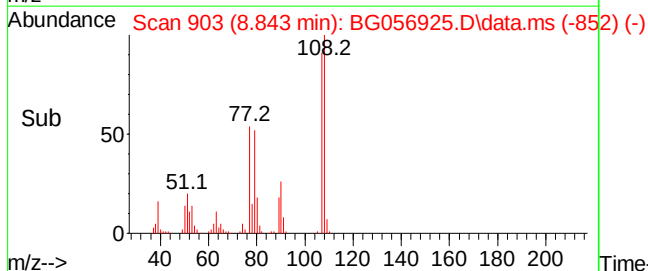
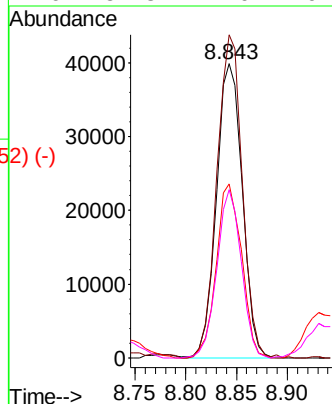
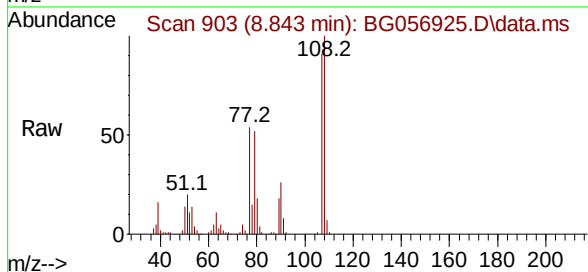
Ion Ratio Lower Upper

107 100

108 109.8 96.0 144.0

77 59.2 45.6 68.4

79 57.3 47.0 70.4



Hexachloroethane

Concen: 45.465 ng

RT: 9.518 min Scan# 1018

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

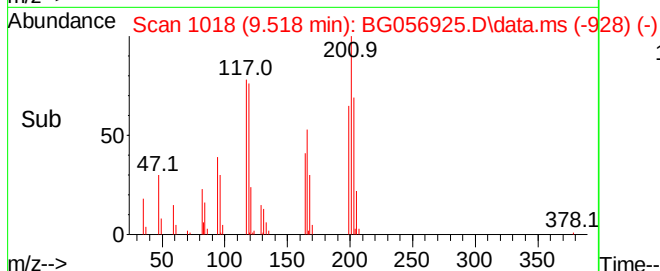
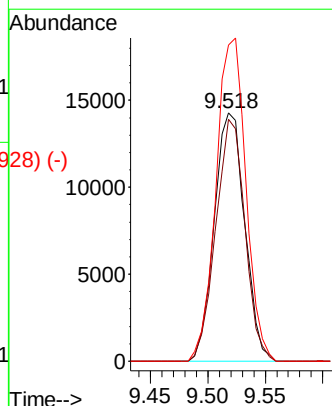
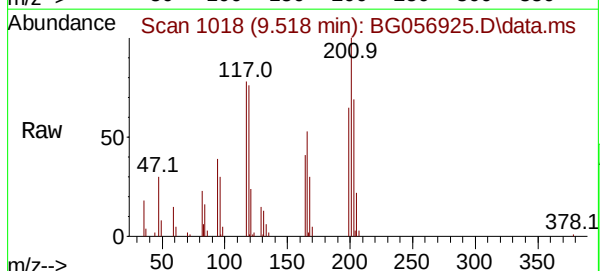
Tgt Ion:117 Resp: 26237

Ion Ratio Lower Upper

117 100

119 97.3 67.0 100.6

201 127.4 98.7 148.1



Abundance Scan 966 (9.215 min): BG056924.D\data.ms (-959) #19

n-Nitroso-di-n-propylamine

Concen: 46.347 ng

RT: 9.219 min Scan# 966

Delta R.T. 0.004 min

Lab File: BG056925.D

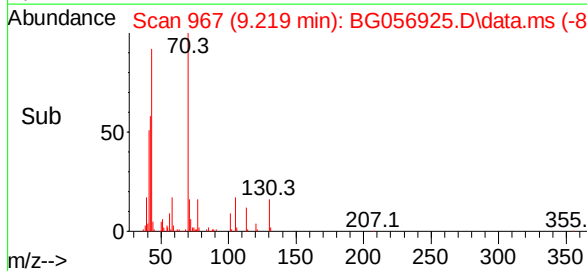
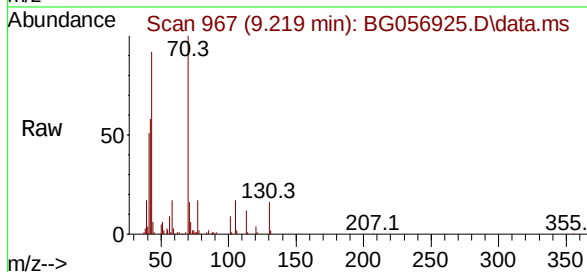
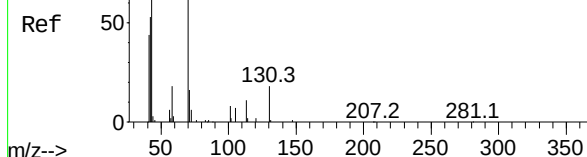
Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 69376

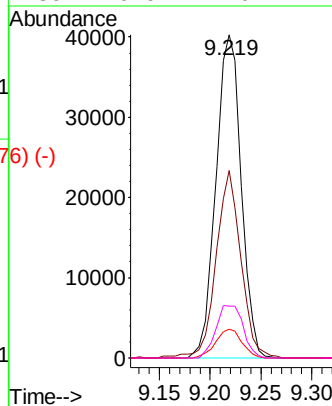
Ion Ratio Lower Upper

70 100

42 58.0 43.4 65.0

101 8.8 6.2 9.2

130 16.0 14.6 22.0



Abundance Scan 959 (9.174 min): BG056924.D\data.ms (-951) #20

3+4-Methylphenols

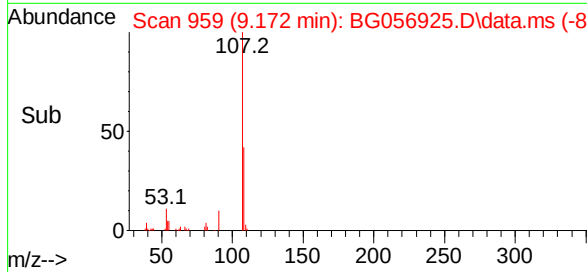
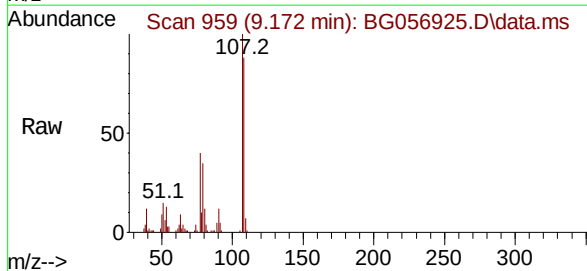
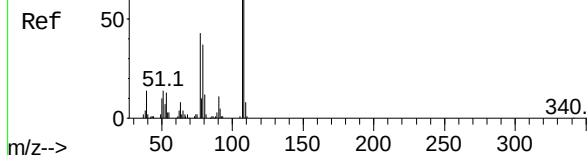
Concen: 46.257 ng

RT: 9.172 min Scan# 959

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24



Tgt Ion: 107 Resp: 95645

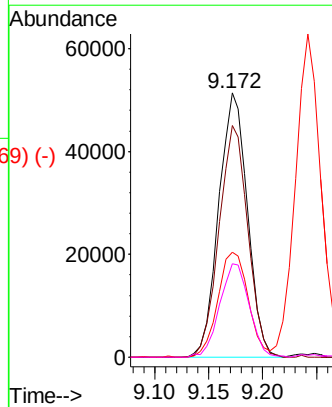
Ion Ratio Lower Upper

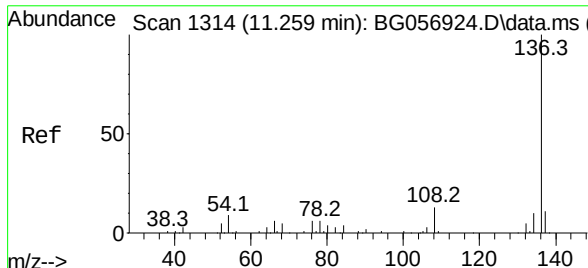
107 100

108 87.7 69.9 109.9

77 39.7 22.7 62.7

79 35.2 16.5 56.5





Naphthalene-d8

Concen: 20.000 ng

RT: 11.257 min Scan# 1314

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 85627

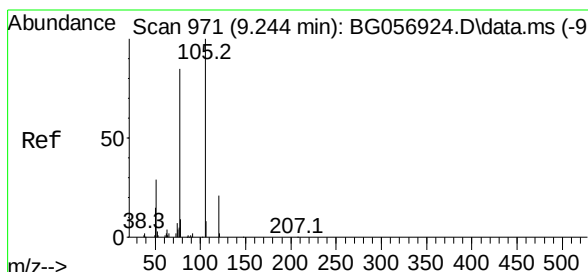
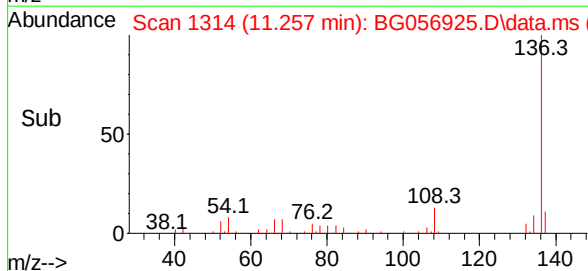
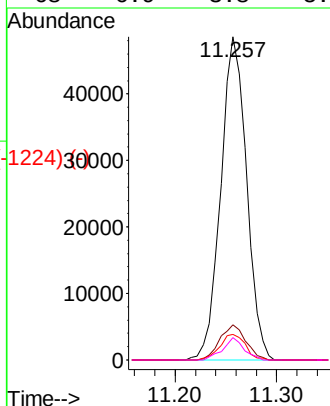
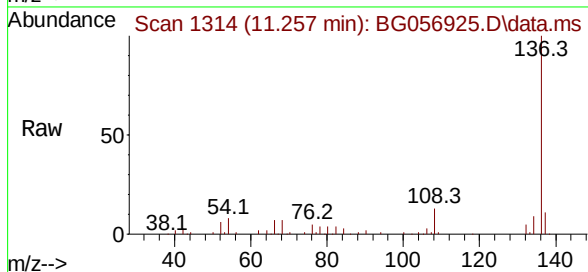
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.9 6.9 10.3

68 6.9 3.8 5.6#



Acetophenone

Concen: 45.385 ng

RT: 9.242 min Scan# 971

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Tgt Ion:105 Resp: 118833

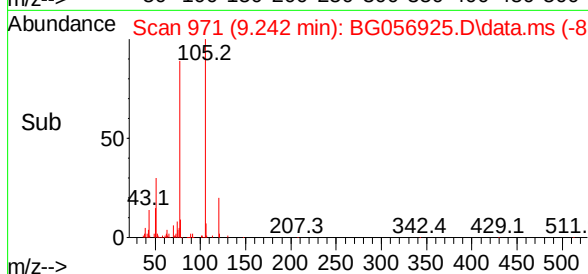
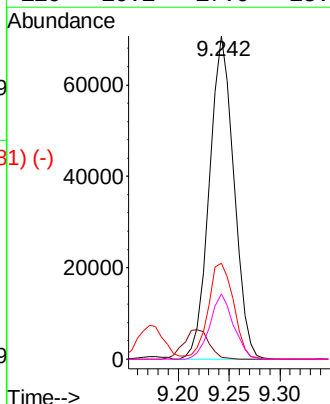
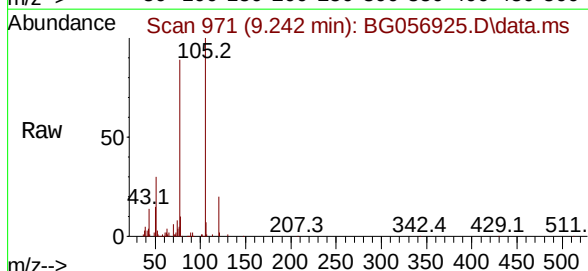
Ion Ratio Lower Upper

105 100

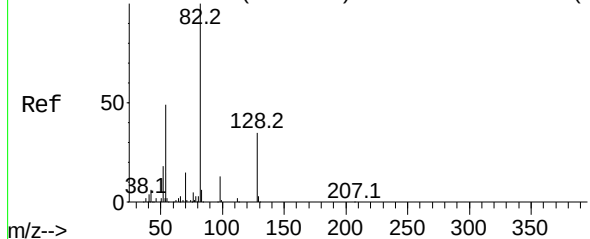
71 0.5 0.7 1.1#

51 29.8 23.8 35.8

120 20.2 17.0 25.4



Abundance Scan 1031 (9.597 min): BG056924.D\data.ms (-1023)



Nitrobenzene-d5

Concen: 94.129 ng

RT: 9.595 min Scan#

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

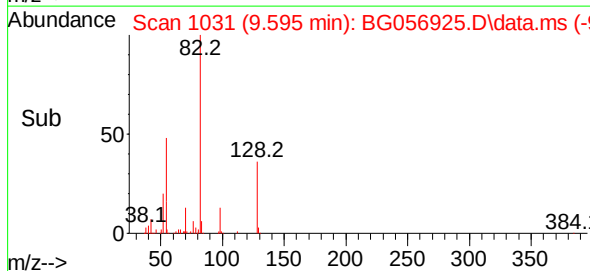
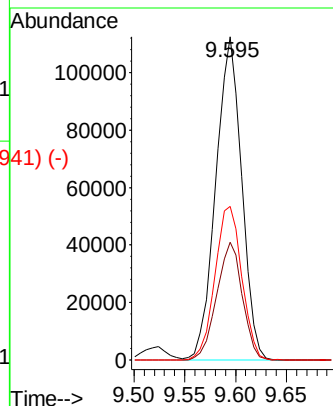
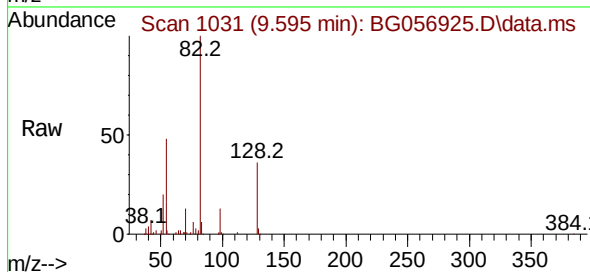
Tgt Ion: 82 Resp: 200139

Ion Ratio Lower Upper

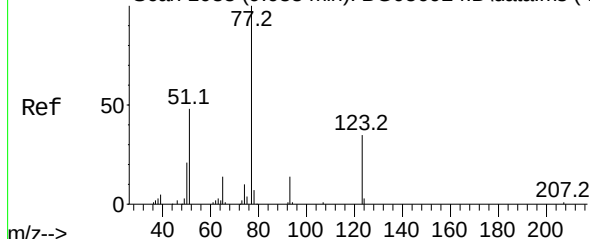
82 100

128 36.4 27.9 41.9

54 47.6 39.4 59.2



Abundance Scan 1038 (9.638 min): BG056924.D\data.ms (-1024)



Nitrobenzene

Concen: 47.543 ng

RT: 9.636 min Scan# 1038

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

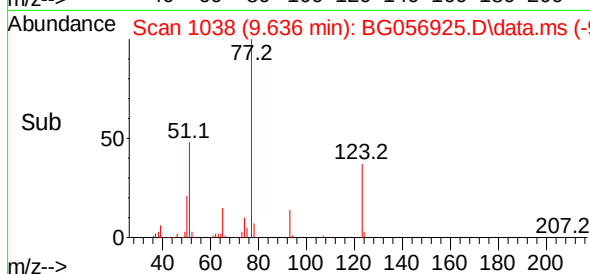
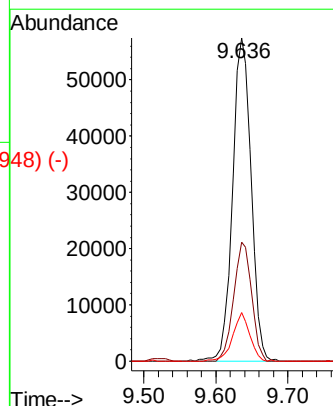
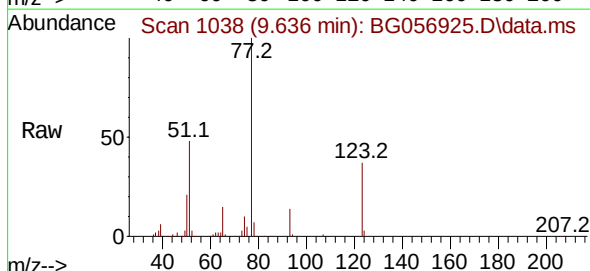
Tgt Ion: 77 Resp: 102815

Ion Ratio Lower Upper

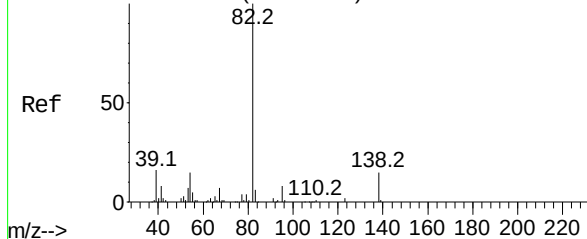
77 100

123 36.9 27.6 41.4

65 15.0 11.5 17.3



Abundance Scan 1126 (10.155 min): BG056924.D\data.ms (-1126) (-)



Isophorone

Concen: 46.154 ng

RT: 10.158 min Scan# 1126

Delta R.T. 0.004 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

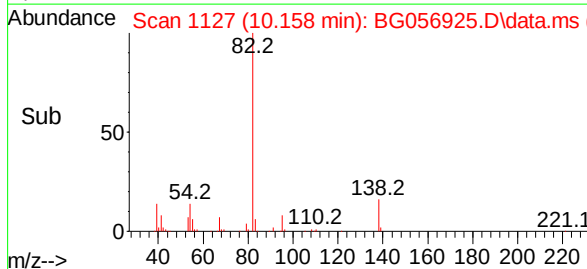
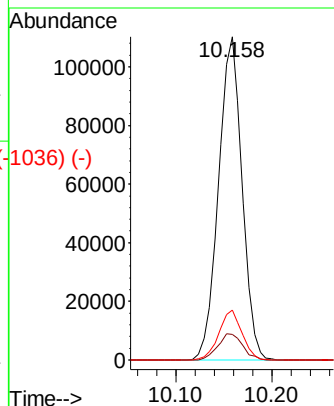
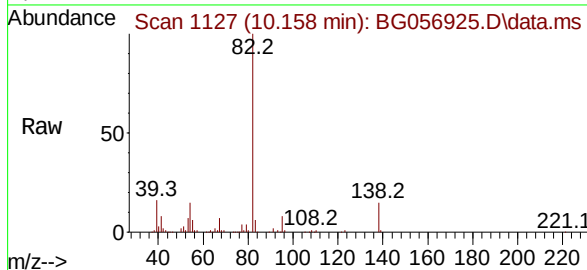
Tgt Ion: 82 Resp: 187658

Ion Ratio Lower Upper

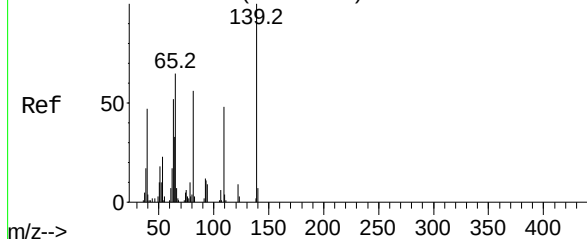
82 100

95 8.0 6.3 9.5

138 15.5 11.8 17.8



Abundance Scan 1160 (10.354 min): BG056924.D\data.ms (-1126) (-)



2-Nitrophenol

Concen: 50.220 ng

RT: 10.352 min Scan# 1160

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

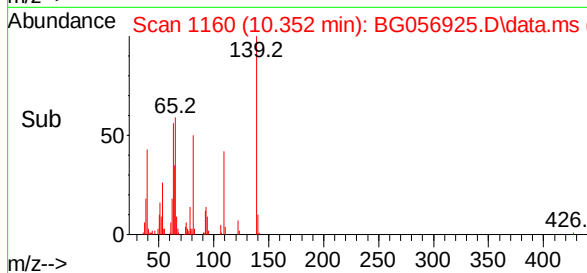
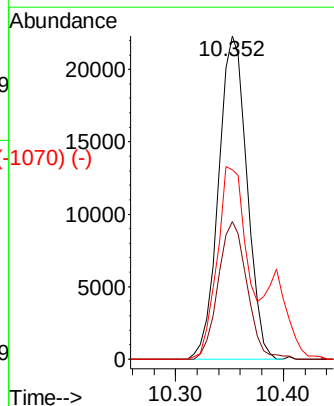
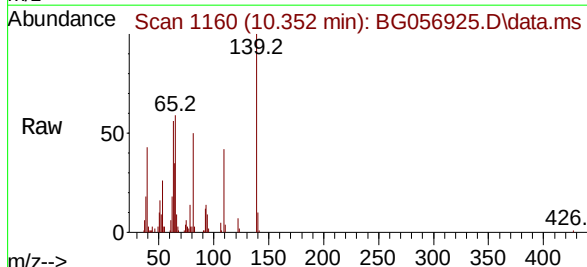
Tgt Ion:139 Resp: 41047

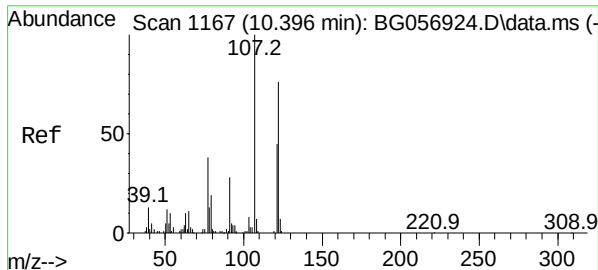
Ion Ratio Lower Upper

139 100

109 42.5 38.2 57.4

65 58.5 51.8 77.8

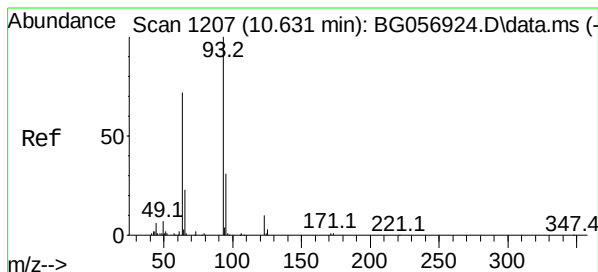
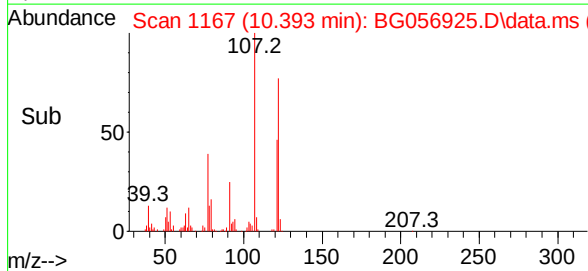
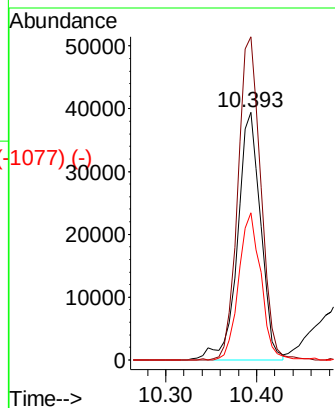
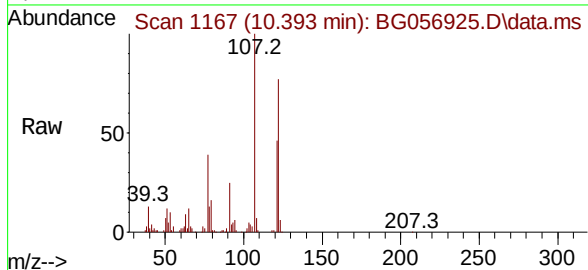




2,4-Dimethylphenol
Concen: 46.861 ng
RT: 10.393 min Scan# 1127
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

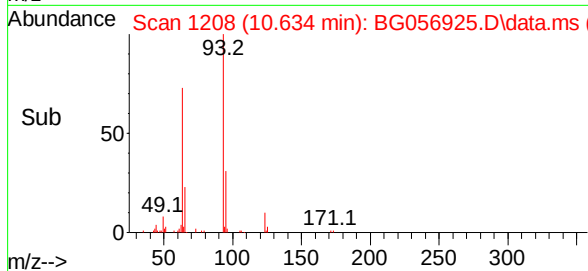
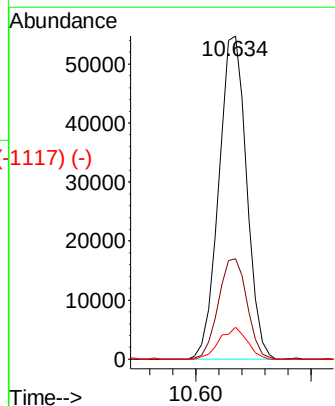
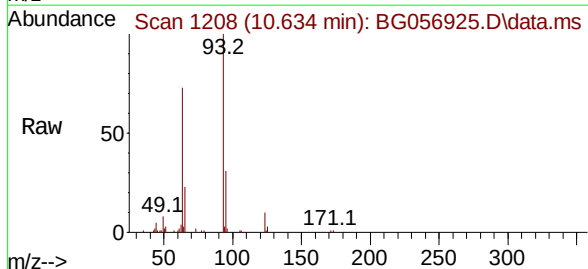
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

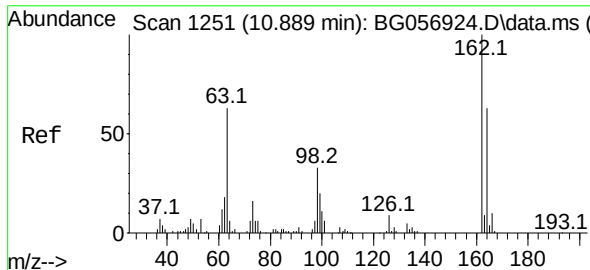
Tgt Ion:122 Resp: 69322
Ion Ratio Lower Upper
122 100
107 130.3 105.7 158.5
121 59.4 48.0 72.0



bis(2-Chloroethoxy)methane
Concen: 44.310 ng
RT: 10.634 min Scan# 1208
Delta R.T. 0.004 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

Tgt Ion: 93 Resp: 92064
Ion Ratio Lower Upper
93 100
95 31.0 24.6 37.0
123 9.9 7.8 11.6





2,4-Dichlorophenol

Concen: 47.415 ng

RT: 10.893 min Scan# 1251

Delta R.T. 0.004 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

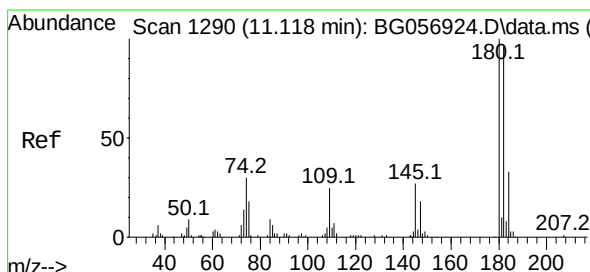
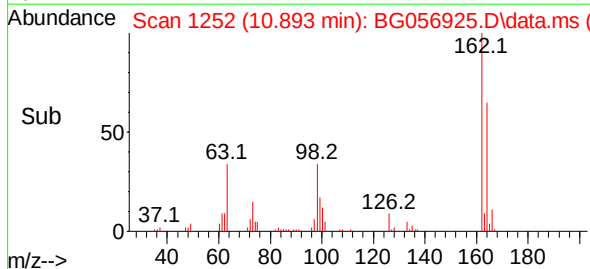
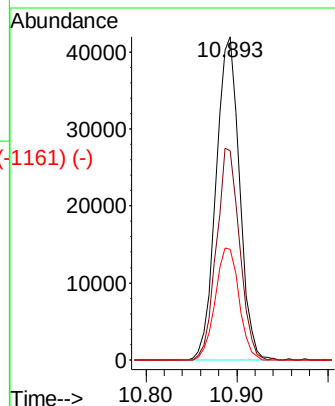
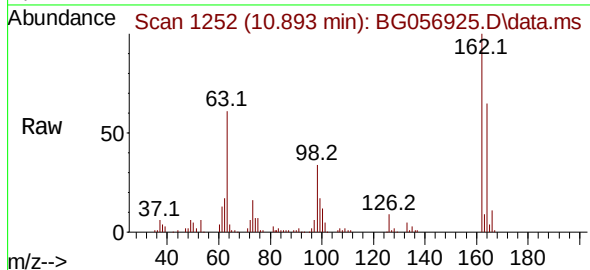
Tgt Ion:162 Resp: 75075

Ion Ratio Lower Upper

162 100

164 64.7 43.4 83.4

98 34.2 12.5 52.5



1,2,4-Trichlorobenzene

Concen: 45.616 ng

RT: 11.116 min Scan# 1290

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

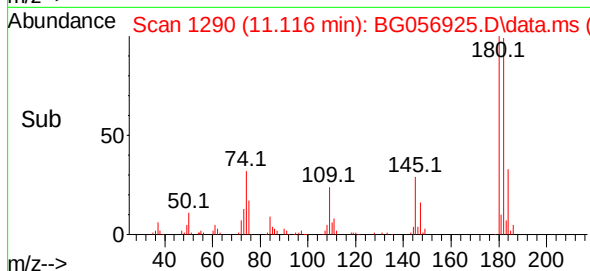
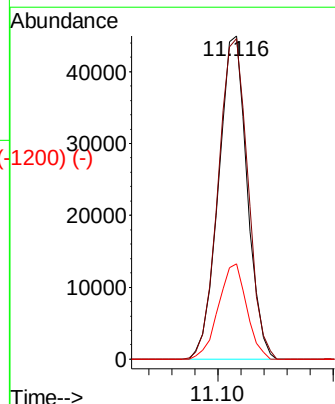
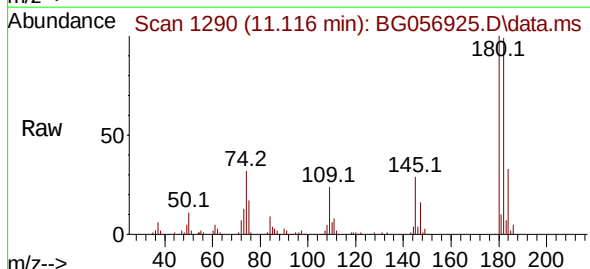
Tgt Ion:180 Resp: 77889

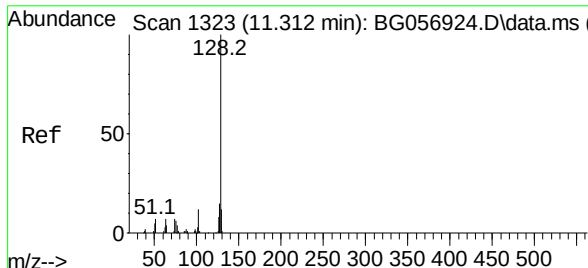
Ion Ratio Lower Upper

180 100

182 99.1 77.1 115.7

145 29.5 21.3 31.9

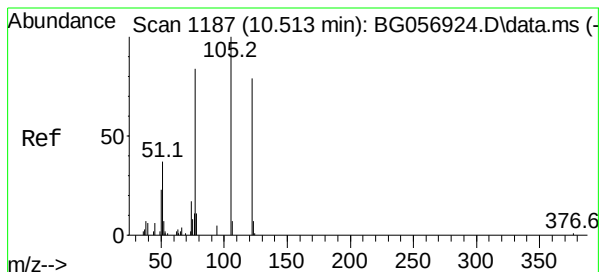
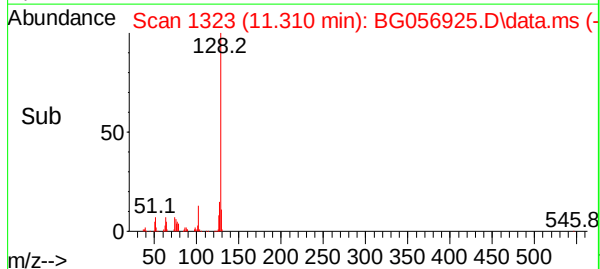
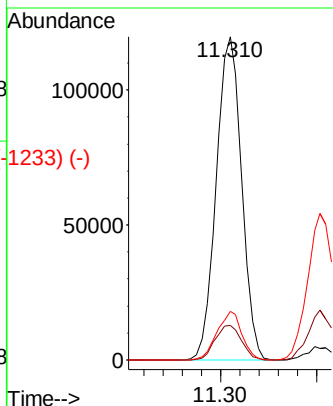
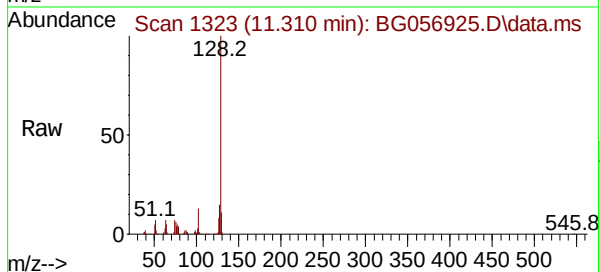




Naphthalene
 Concen: 46.102 ng
 RT: 11.310 min Scan# 1323
 Delta R.T. -0.002 min
 Lab File: BG056925.D
 Acq: 30 Mar 2023 15:24

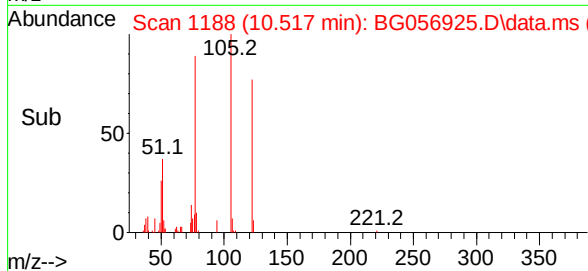
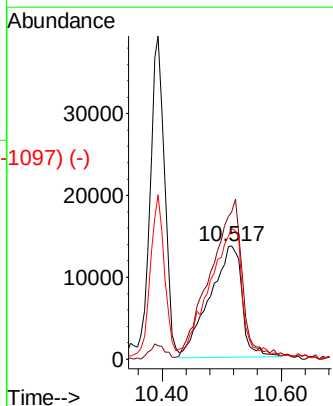
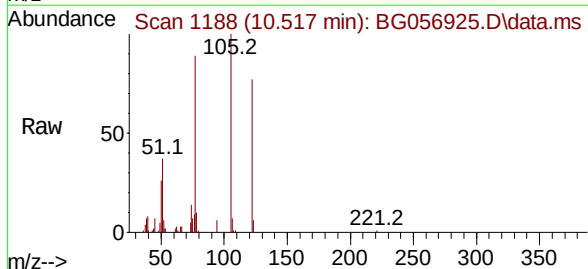
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

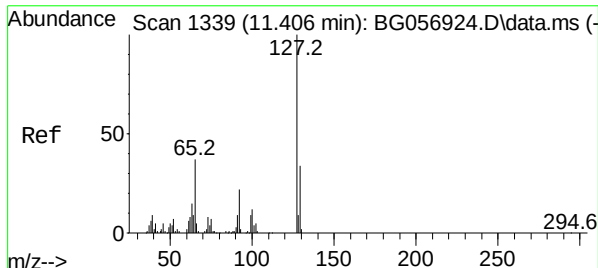
Tgt Ion:	128	Resp:	219644
Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	15.0	12.2	18.4



Benzoic acid
 Concen: 53.605 ng
 RT: 10.517 min Scan# 1188
 Delta R.T. 0.004 min
 Lab File: BG056925.D
 Acq: 30 Mar 2023 15:24

Tgt Ion:	122	Resp:	51445
Ion	Ratio	Lower	Upper
122	100		
105	130.2	105.4	145.4
77	115.4	87.4	127.4

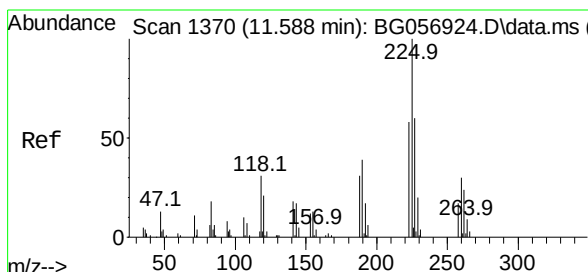
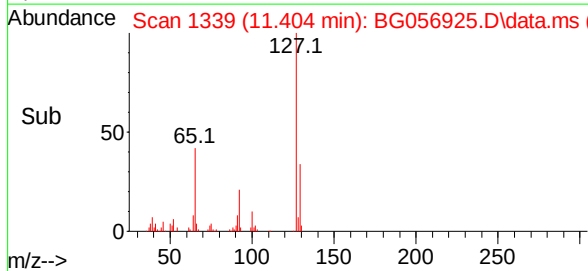
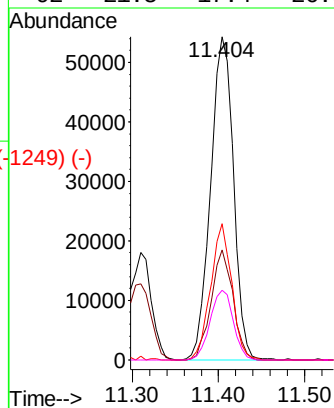
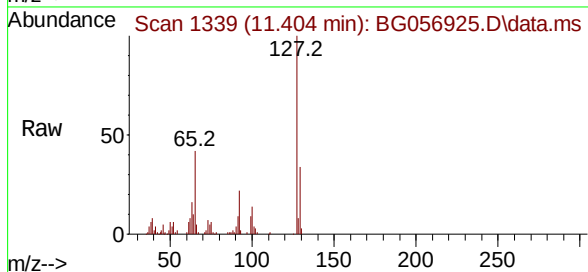




4-Chloroaniline
Concen: 46.777 ng
RT: 11.404 min Scan# 1339
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

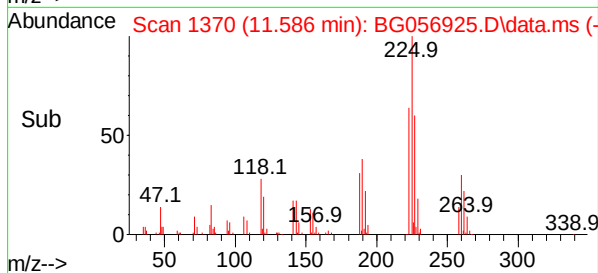
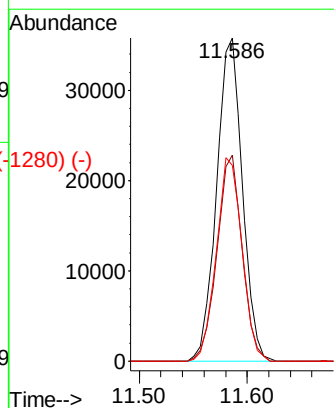
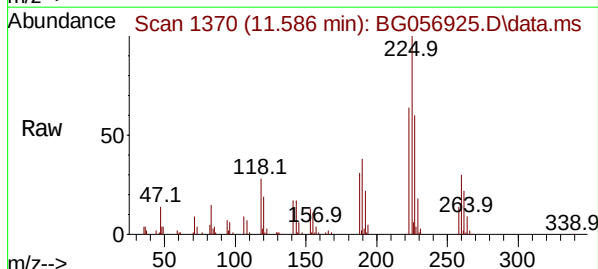
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

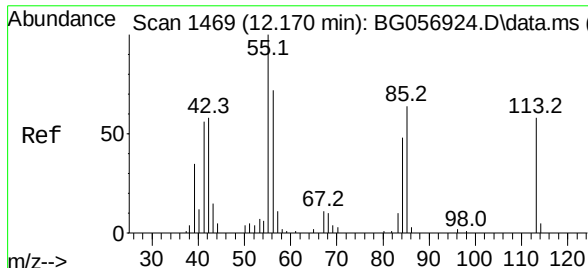
Tgt Ion:	127	Resp:	100269
Ion	Ratio	Lower	Upper
127	100		
129	34.0	27.6	41.4
65	42.2	29.8	44.8
92	21.5	17.4	26.0



Hexachlorobutadiene
Concen: 46.632 ng
RT: 11.586 min Scan# 1370
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

Tgt Ion:	225	Resp:	59753
Ion	Ratio	Lower	Upper
225	100		
223	63.7	46.4	69.6
227	60.5	48.0	72.0

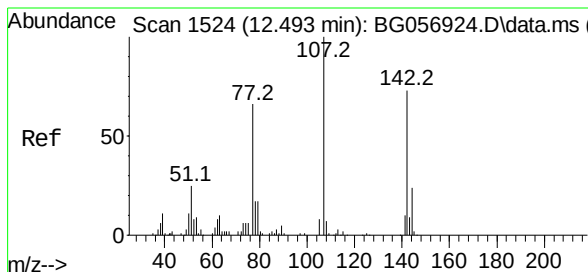
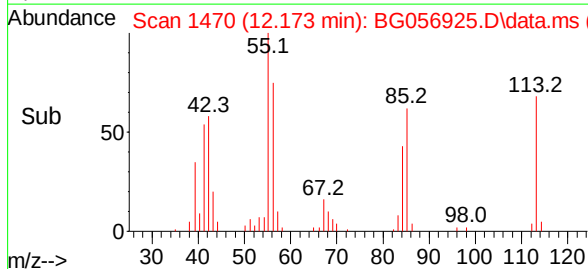
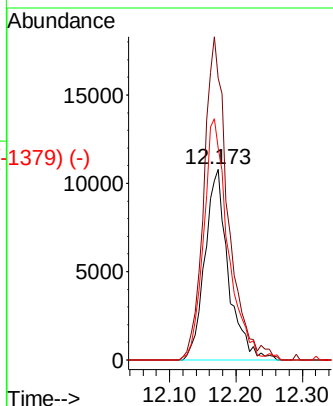
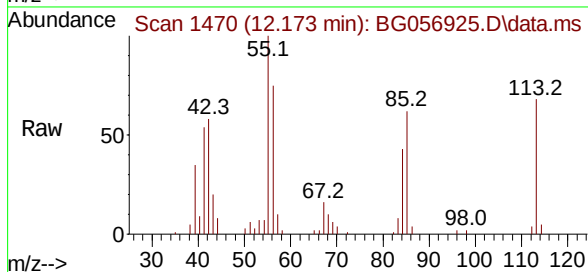




Caprolactam
Concen: 47.963 ng
RT: 12.173 min Scan# 1469
Delta R.T. 0.004 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

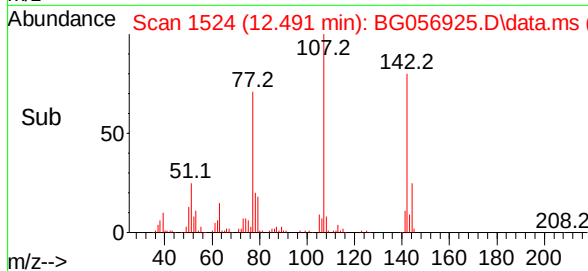
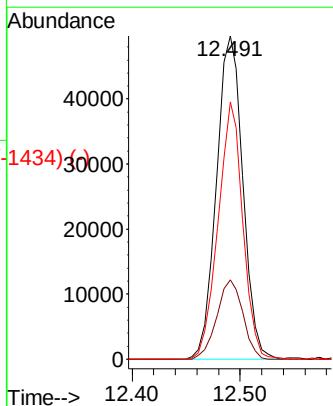
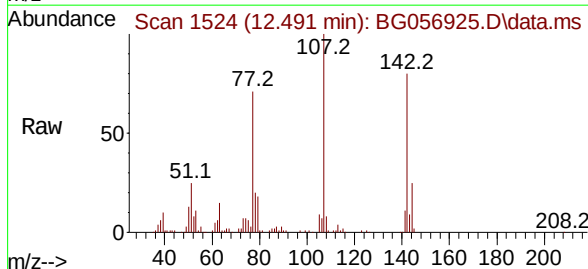
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

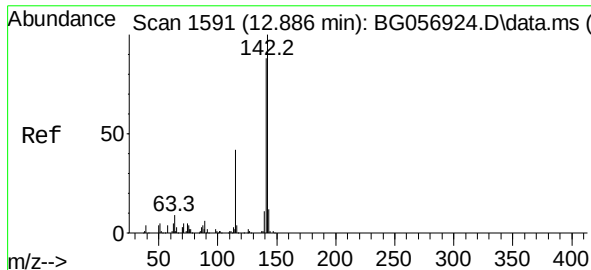
Tgt Ion:113 Resp: 26564
Ion Ratio Lower Upper
113 100
55 147.5 151.6 191.6#
56 110.9 103.7 143.7



4-Chloro-3-methylphenol
Concen: 48.178 ng
RT: 12.491 min Scan# 1524
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

Tgt Ion:107 Resp: 84970
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.4
142 79.6 58.6 88.0

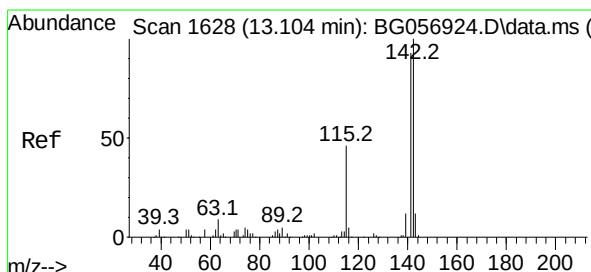
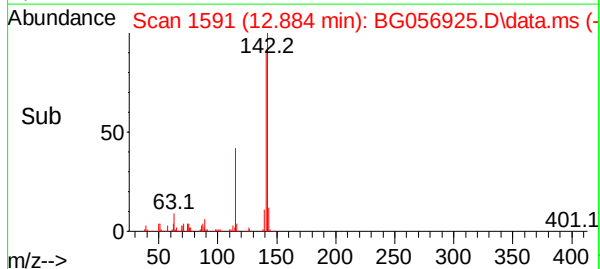
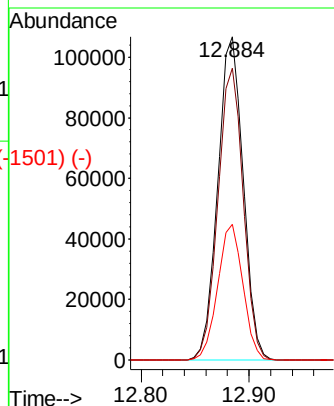
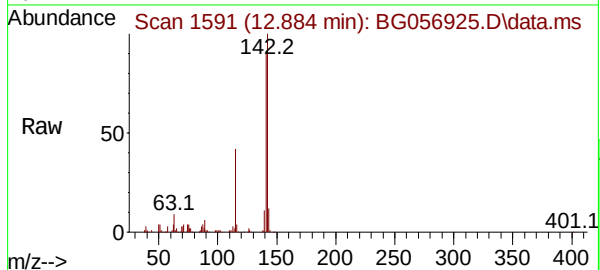




2-Methylnaphthalene
Concen: 46.566 ng
RT: 12.884 min Scan# 1591
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

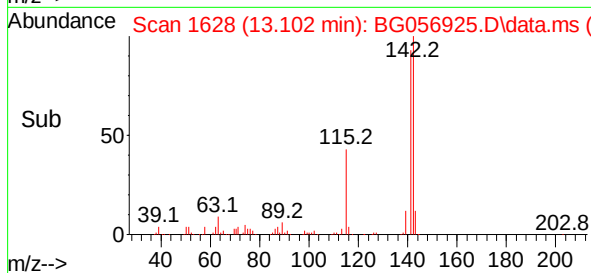
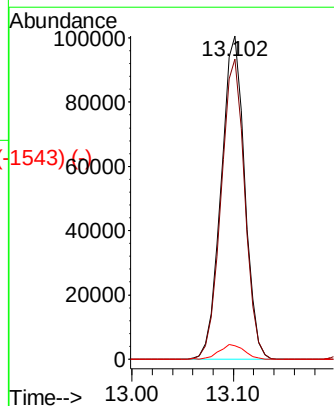
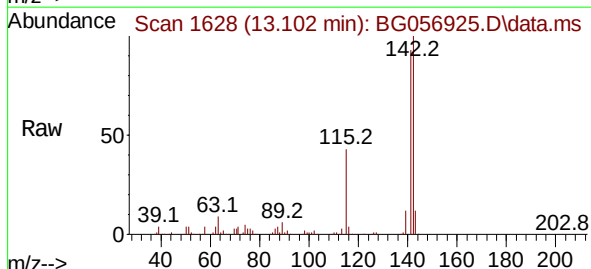
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

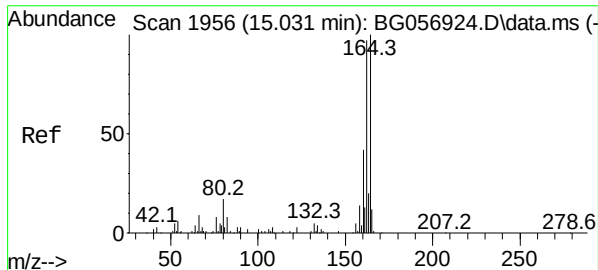
Tgt Ion:142 Resp: 176212
Ion Ratio Lower Upper
142 100
141 90.3 70.3 105.5
115 41.9 33.5 50.3



1-Methylnaphthalene
Concen: 45.139 ng
RT: 13.102 min Scan# 1628
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

Tgt Ion:142 Resp: 161799
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0
116 4.1 3.7 5.5





Acenaphthene-d10

Concen: 20.000 ng

RT: 15.034 min Scan# 1643

Delta R.T. 0.004 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

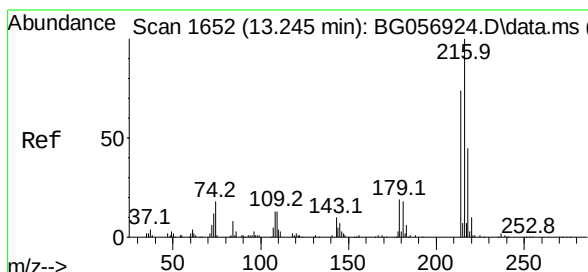
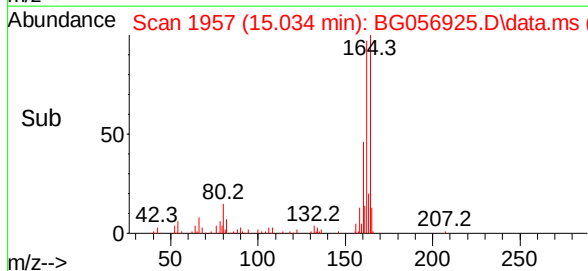
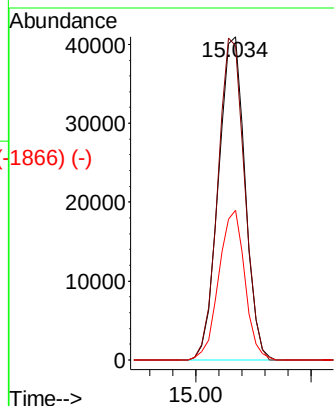
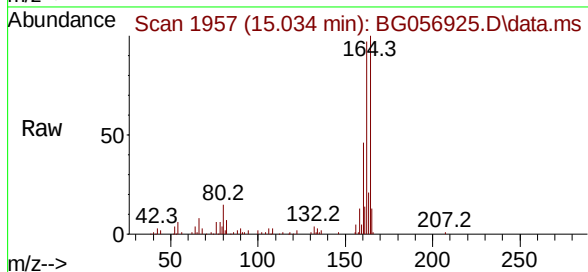
Tgt Ion:164 Resp: 65776

Ion Ratio Lower Upper

164 100

162 97.2 77.8 116.8

160 46.3 33.5 50.3



1,2,4,5-Tetrachlorobenzene

Concen: 47.853 ng

RT: 13.243 min Scan# 1652

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Tgt Ion:216 Resp: 111049

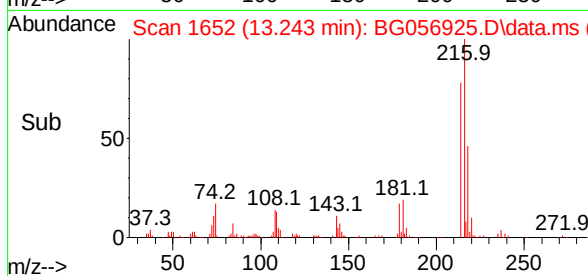
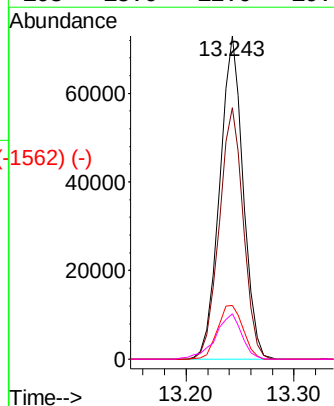
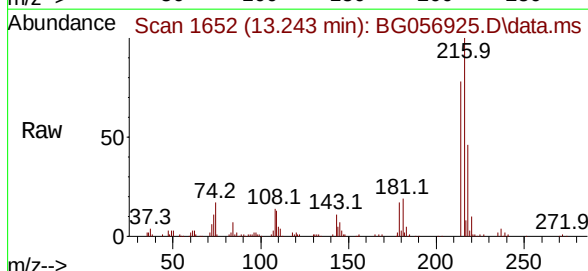
Ion Ratio Lower Upper

216 100

214 79.5 63.3 94.9

179 18.0 15.0 22.6

108 15.6 12.6 19.0



Abundance Scan 1648 (13.221 min): BG056924.D\data.ms (-1641) (-)

Hexachlorocyclopentadiene

Concen: 56.414 ng

RT: 13.219 min Scan# 1648

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tgt Ion:237 Resp: 66588

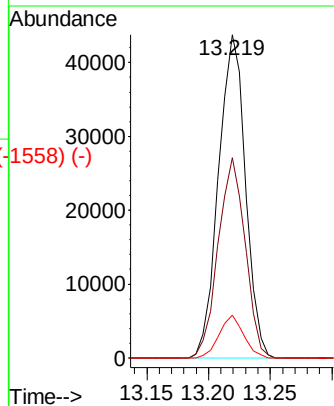
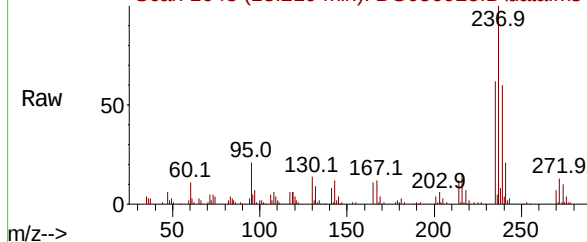
Ion Ratio Lower Upper

237 100

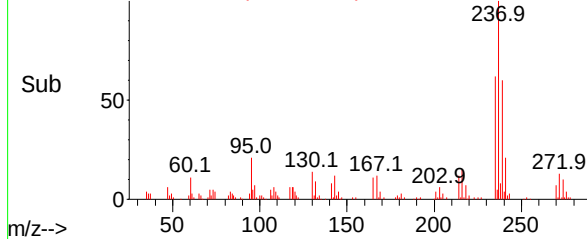
235 62.0 45.9 85.9

272 13.3 0.0 32.3

Abundance Scan 1648 (13.219 min): BG056925.D\data.ms



Abundance Scan 1648 (13.219 min): BG056925.D\data.ms (-1558) (-)



Abundance Scan 2208 (16.511 min): BG056924.D\data.ms (-2202) (-)

2,4,6-Tribromophenol

Concen: 97.205 ng

RT: 16.509 min Scan# 2208

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Tgt Ion:330 Resp: 103746

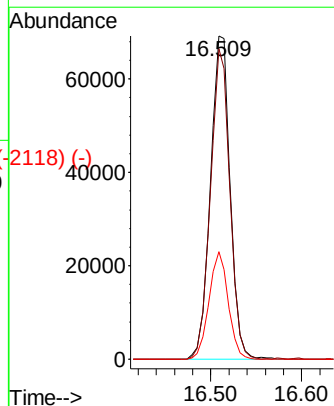
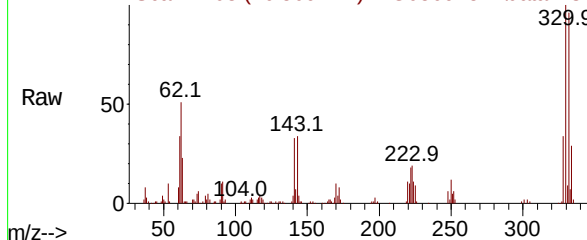
Ion Ratio Lower Upper

330 100

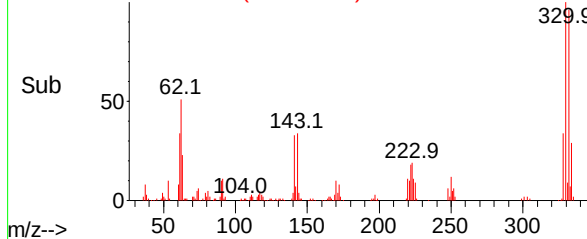
332 94.5 76.1 114.1

141 32.4 25.8 38.6

Abundance Scan 2208 (16.509 min): BG056925.D\data.ms



Abundance Scan 2208 (16.509 min): BG056925.D\data.ms (-2118) (-)



Abundance Scan 1691 (13.474 min): BG056924.D\data.ms (-1683) (-)

2,4,6-Trichlorophenol

Concen: 48.838 ng

RT: 13.472 min Scan#

Delta R.T. -0.002 min

Lab File: BG056925.D

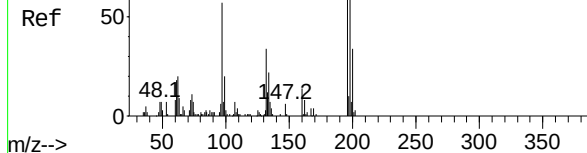
Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



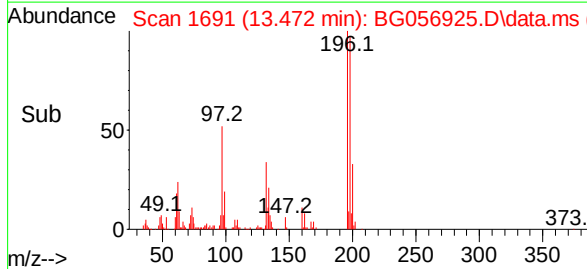
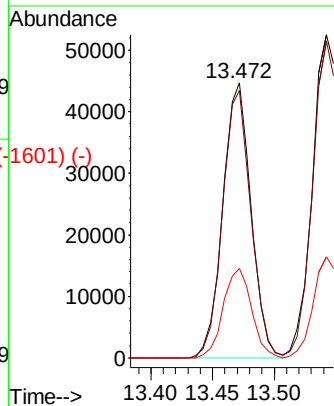
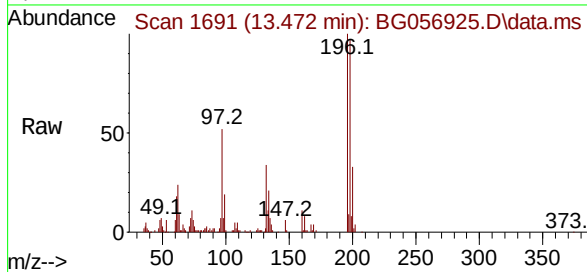
Tgt Ion:196 Resp: 71357

Ion Ratio Lower Upper

196 100

198 97.3 79.1 118.7

200 32.6 27.2 40.8



Abundance Scan 1703 (13.544 min): BG056924.D\data.ms (-1697) (-)

2,4,5-Trichlorophenol

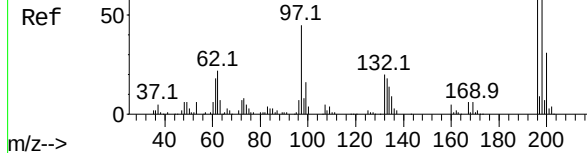
Concen: 49.728 ng

RT: 13.542 min Scan# 1703

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24



Tgt Ion:196 Resp: 85637

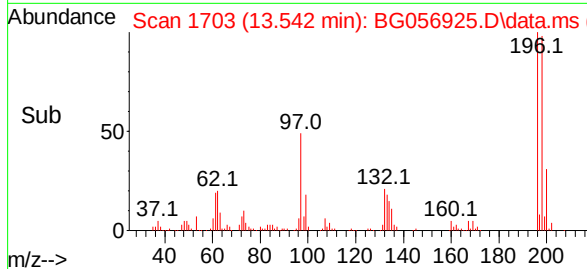
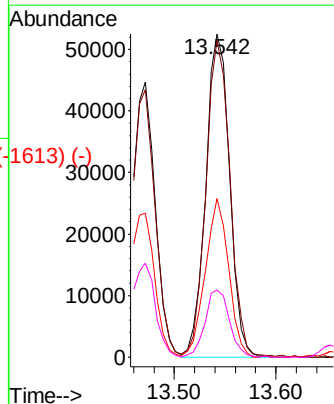
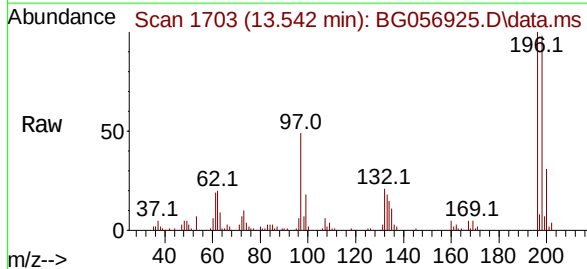
Ion Ratio Lower Upper

196 100

198 98.0 82.5 123.7

97 49.1 37.0 55.6

132 20.9 17.1 25.7



Abundance Scan 1723 (13.662 min): BG056924.D\data.ms (-1745) (-)

2-Fluorobiphenyl

Concen: 93.497 ng

RT: 13.660 min Scan# 1723

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 465645

Ion Ratio Lower Upper

172 100

171 38.6 30.6 46.0

170 25.5 20.6 30.8

Abundance Scan 1723 (13.660 min): BG056925.D\data.ms

Ref 50

172.2

50.1 85.2 120.2 146.2 195.9

m/z-->

Raw 50

50.1 85.2 120.2 146.2 195.9

m/z-->

Abundance Scan 1723 (13.660 min): BG056925.D\data.ms (-1633) (-)

Sub 50

172.2

50.1 85.2 120.2 146.2 195.9

m/z-->

Abundance

300000

200000

100000

0

13.60 13.70

Time-->

Abundance Scan 1758 (13.867 min): BG056924.D\data.ms (-1746) (-)

1,1'-Biphenyl

Concen: 48.103 ng

RT: 13.865 min Scan# 1758

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Tgt Ion:154 Resp: 235429

Ion Ratio Lower Upper

154 100

153 41.4 23.4 63.4

76 11.7 0.0 31.6

Abundance Scan 1758 (13.865 min): BG056925.D\data.ms

Ref 50

154.2

76.2 489.9

m/z-->

Raw 50

76.2 489.9

m/z-->

Abundance Scan 1758 (13.865 min): BG056925.D\data.ms (-1668) (-)

Sub 50

154.2

76.2 489.9

m/z-->

Abundance

150000

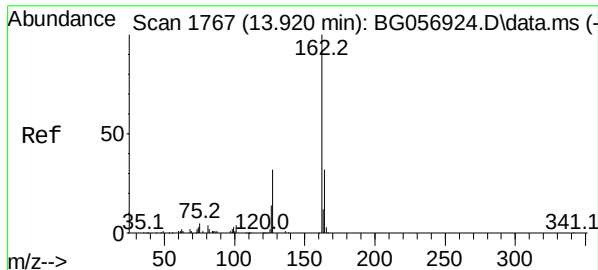
100000

50000

0

13.80 13.90

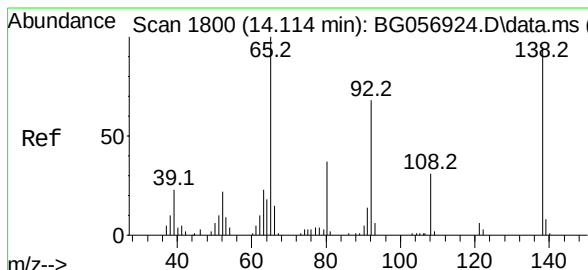
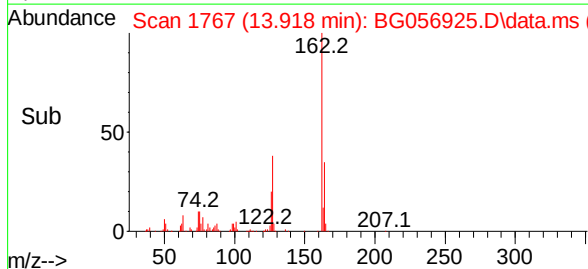
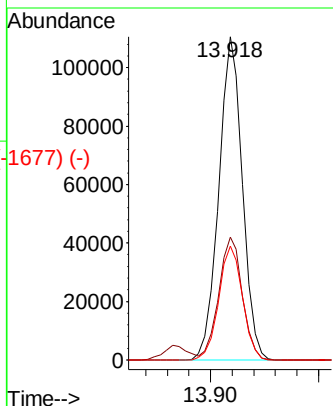
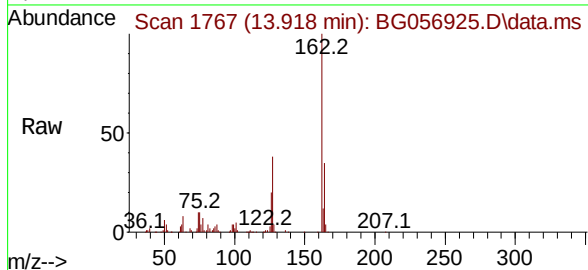
Time-->



2-Chloronaphthalene
 Concen: 46.280 ng
 RT: 13.918 min Scan# 1767
 Delta R.T. -0.002 min
 Lab File: BG056925.D
 Acq: 30 Mar 2023 15:24

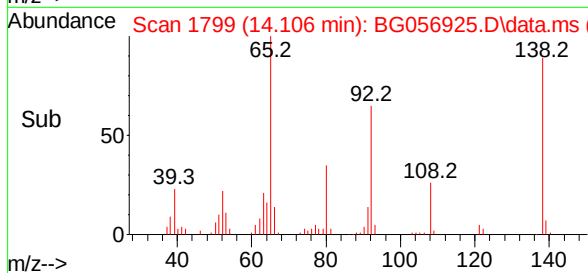
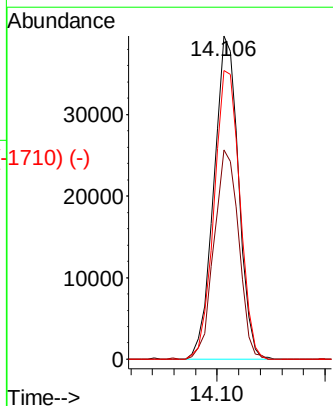
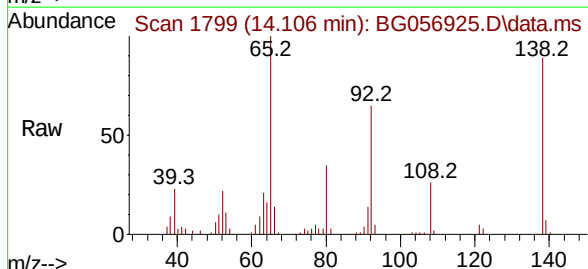
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

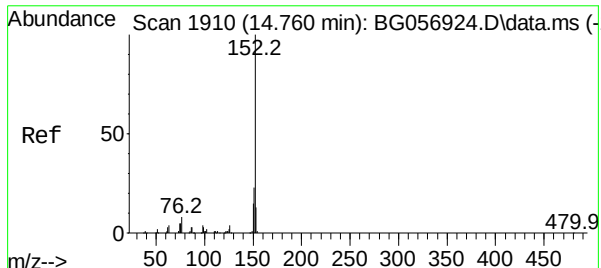
Tgt Ion:	162	Resp:	168919
Ion	Ratio	Lower	Upper
162	100		
127	37.9	29.5	44.3
164	35.3	25.5	38.3



2-Nitroaniline
 Concen: 50.064 ng
 RT: 14.106 min Scan# 1799
 Delta R.T. -0.008 min
 Lab File: BG056925.D
 Acq: 30 Mar 2023 15:24

Tgt Ion:	65	Resp:	63521
Ion	Ratio	Lower	Upper
65	100		
92	64.7	54.3	81.5
138	89.2	76.0	114.0





Acenaphthylene

Concen: 47.307 ng

RT: 14.758 min Scan# 1910

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

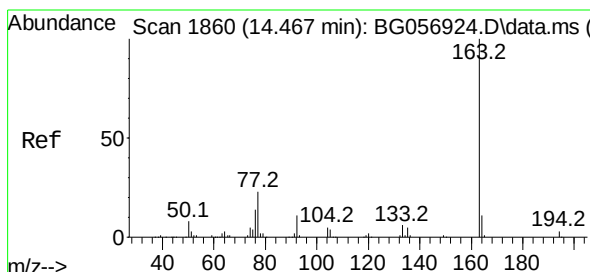
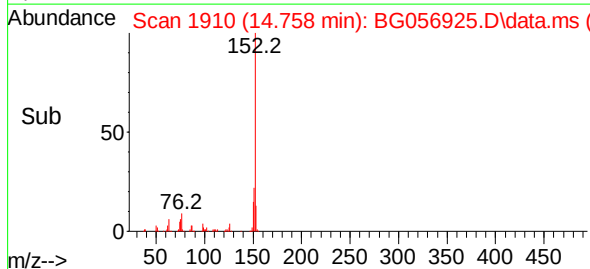
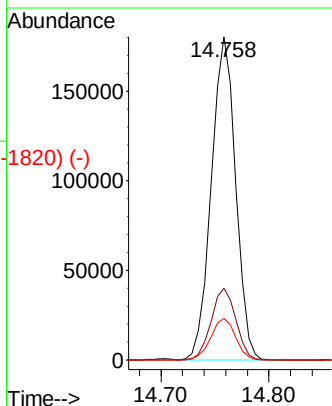
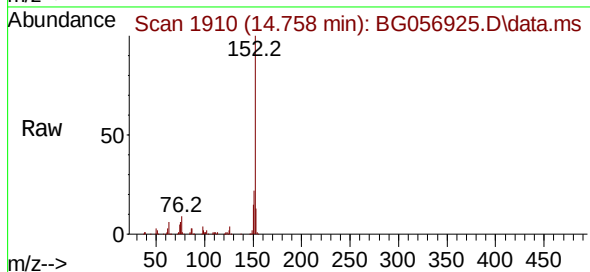
Tgt Ion:152 Resp: 283019

Ion Ratio Lower Upper

152 100

151 22.1 18.2 27.2

153 12.9 10.5 15.7



Dimethylphthalate

Concen: 46.772 ng

RT: 14.464 min Scan# 1860

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

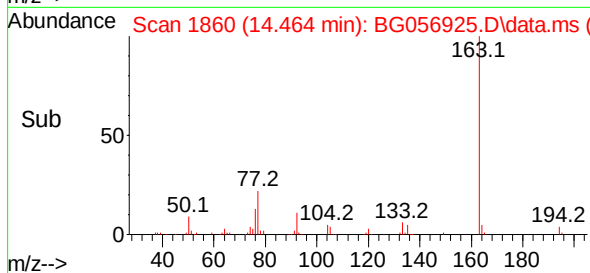
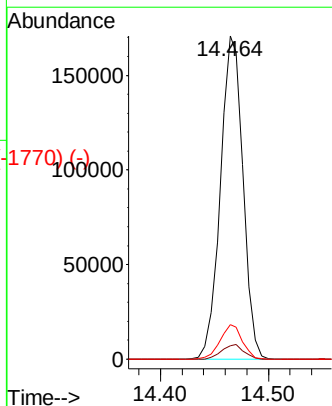
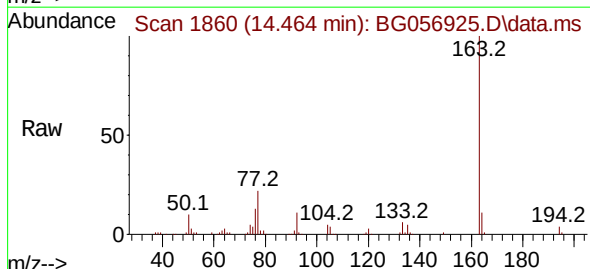
Tgt Ion:163 Resp: 250323

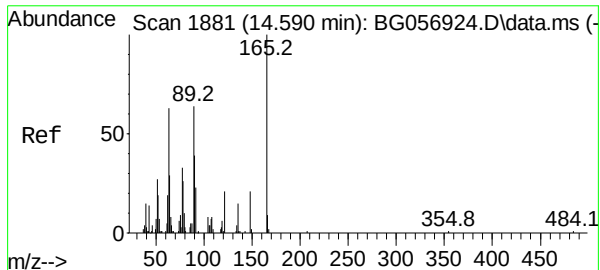
Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2

164 10.8 8.8 13.2





2,6-Dinitrotoluene

Concen: 48.065 ng

RT: 14.588 min Scan# 1881

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

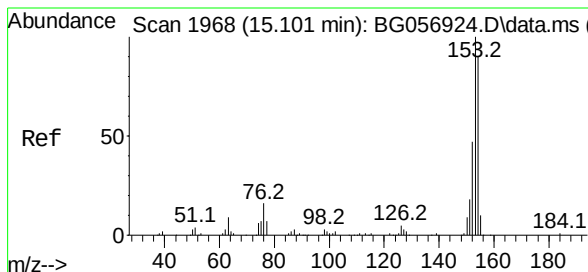
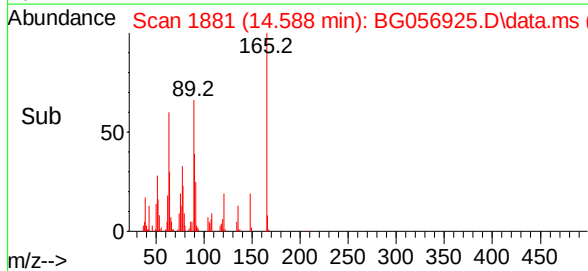
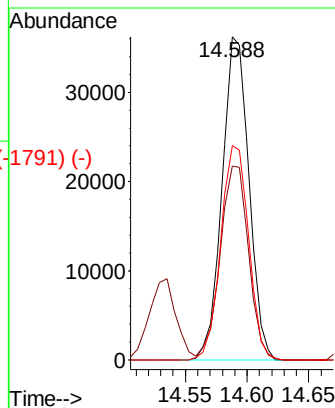
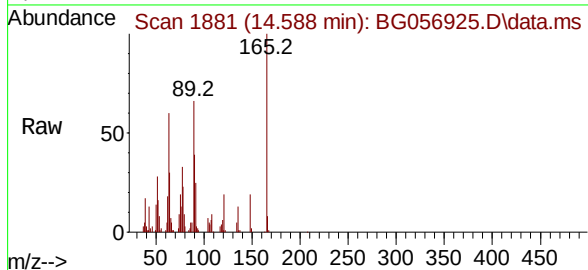
Tgt Ion:165 Resp: 54987

Ion Ratio Lower Upper

165 100

63 59.9 53.0 79.6

89 66.3 51.0 76.4



Acenaphthene

Concen: 48.011 ng

RT: 15.093 min Scan# 1967

Delta R.T. -0.008 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

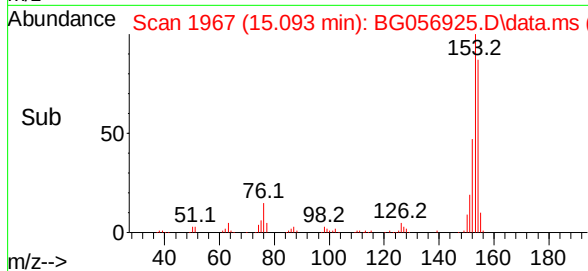
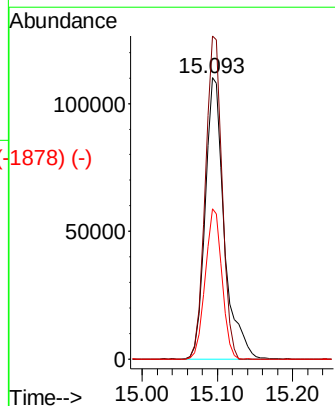
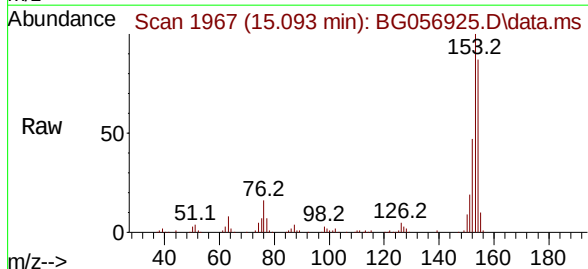
Tgt Ion:154 Resp: 196285

Ion Ratio Lower Upper

154 100

153 114.8 88.9 133.3

152 53.5 41.8 62.8



Abundance Scan 1938 (14.925 min): BG056924.D\data.ms (-1950) (-)

3-Nitroaniline

Concen: 48.760 ng

RT: 14.923 min Scan# 1938

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:138 Resp: 54934

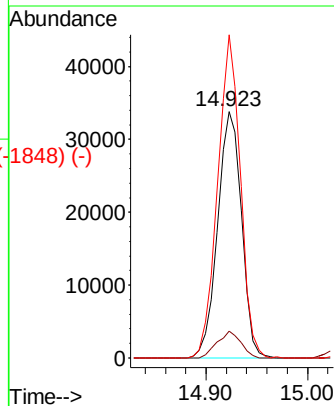
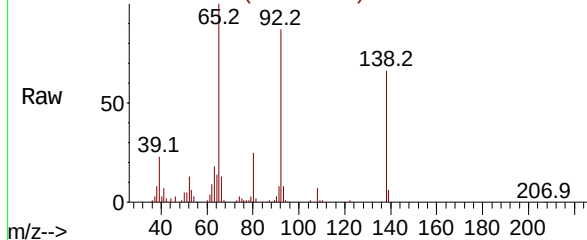
Ion Ratio Lower Upper

138 100

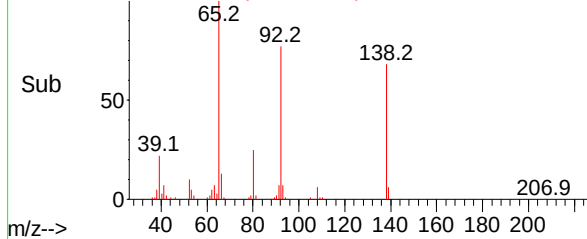
108 10.8 8.2 12.2

92 131.1 105.2 157.8

Abundance Scan 1938 (14.923 min): BG056925.D\data.ms



Abundance Scan 1938 (14.923 min): BG056925.D\data.ms (-1848) (-)



Abundance Scan 1973 (15.130 min): BG056924.D\data.ms (-1950) (-)

2,4-Dinitrophenol

Concen: 56.209 ng

RT: 15.122 min Scan# 1972

Delta R.T. -0.008 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Tgt Ion:184 Resp: 32958

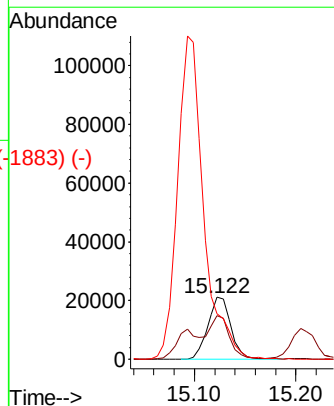
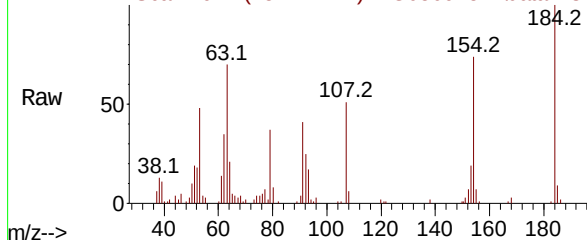
Ion Ratio Lower Upper

184 100

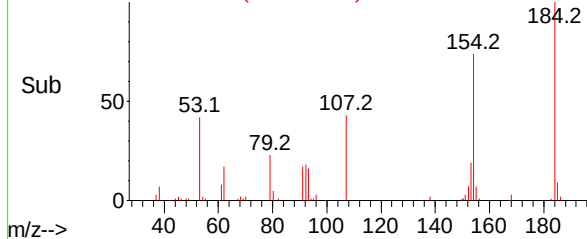
63 69.8 46.5 69.7#

154 73.6 53.5 80.3

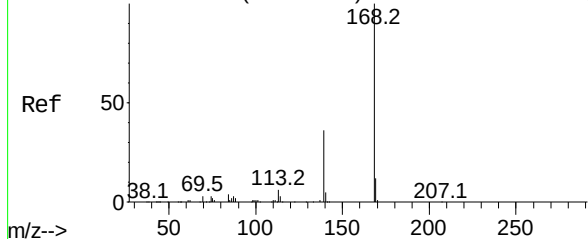
Abundance Scan 1972 (15.122 min): BG056925.D\data.ms



Abundance Scan 1972 (15.122 min): BG056925.D\data.ms (-1883) (-)



Abundance Scan 2024 (15.430 min): BG056924.D\data.ms (-1934) (-)

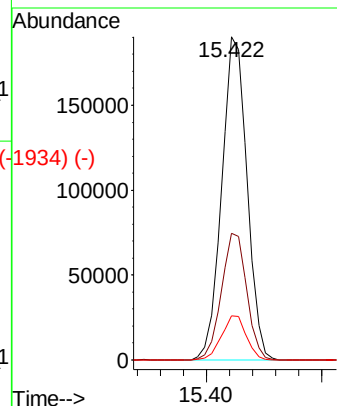
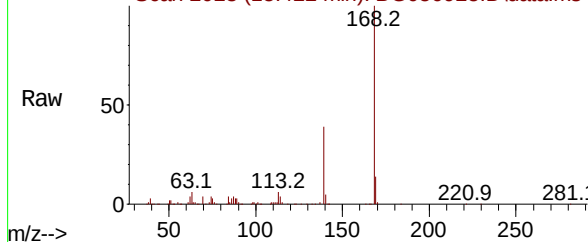


Dibenzofuran
Concen: 46.766 ng
RT: 15.422 min Scan# 1934
Delta R.T. -0.008 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

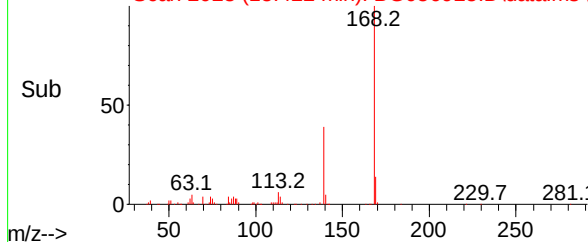
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:	168	Resp:	290715
Ion	Ratio	Lower	Upper
168	100		
139	39.2	28.9	43.3
169	13.6	9.8	14.6

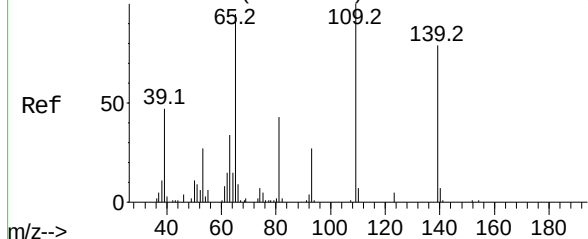
Abundance Scan 2023 (15.422 min): BG056925.D\data.ms



Abundance Scan 2023 (15.422 min): BG056925.D\data.ms (-1934) (-)



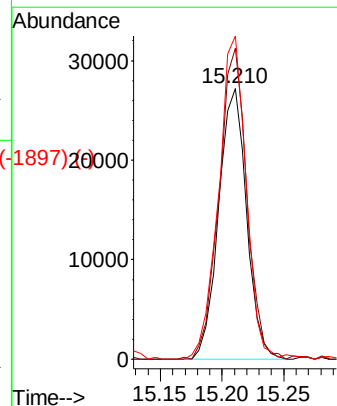
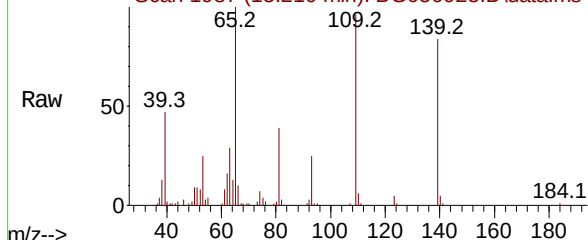
Abundance Scan 1987 (15.213 min): BG056924.D\data.ms (-1950) (-)



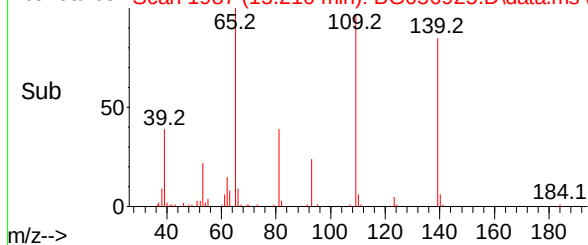
4-Nitrophenol
Concen: 52.881 ng
RT: 15.210 min Scan# 1987
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

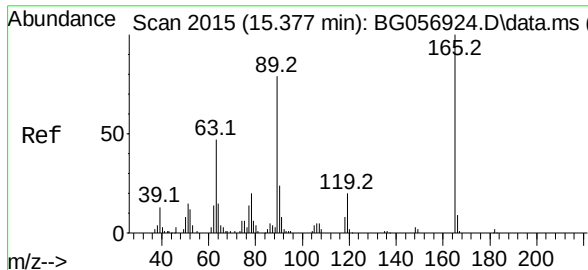
Tgt Ion:	139	Resp:	42682
Ion	Ratio	Lower	Upper
139	100		
109	114.7	106.7	146.7
65	119.3	100.5	140.5

Abundance Scan 1987 (15.210 min): BG056925.D\data.ms



Abundance Scan 1987 (15.210 min): BG056925.D\data.ms (-1897) (-)

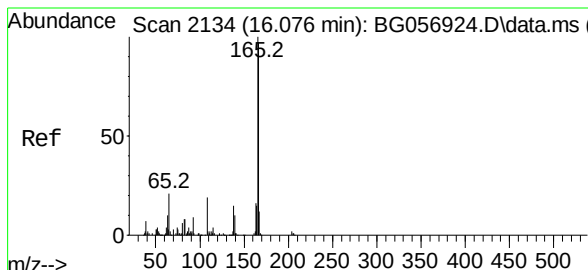
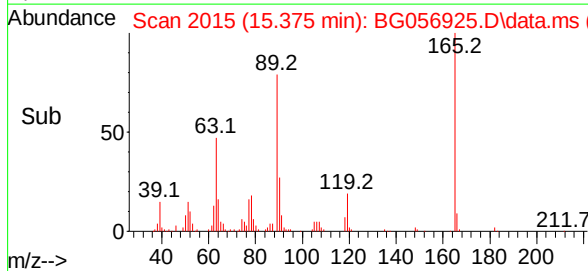
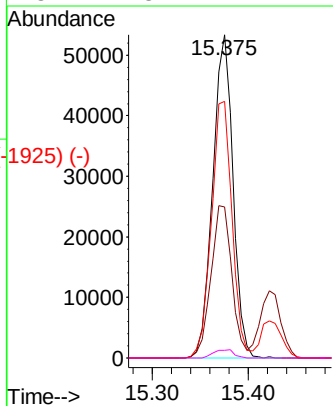
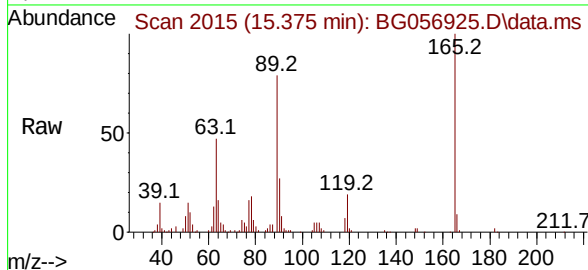




2,4-Dinitrotoluene
 Concen: 48.380 ng
 RT: 15.375 min Scan# 1
 Delta R.T. -0.002 min
 Lab File: BG056925.D
 Acq: 30 Mar 2023 15:24

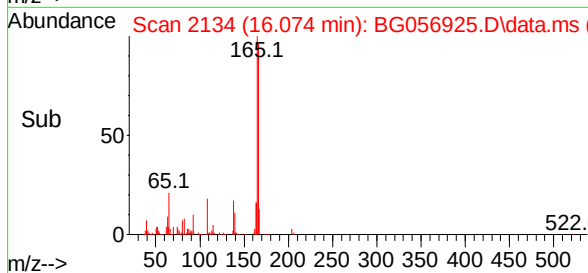
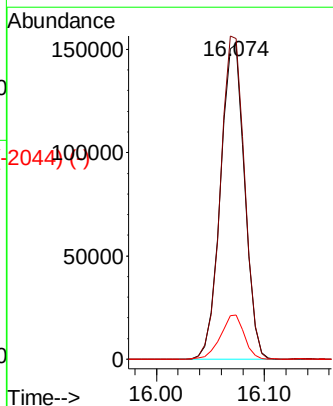
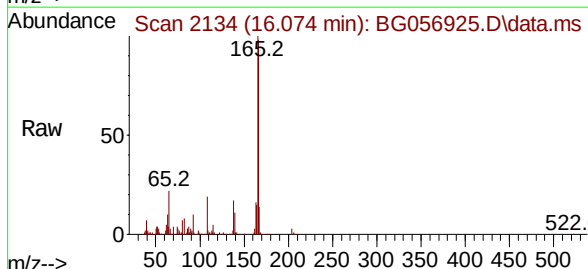
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tgt Ion:	165	Resp:	77858
Ion	Ratio	Lower	Upper
165	100		
63	46.6	37.7	56.5
89	79.4	63.2	94.8
182	2.3	1.7	2.5



Fluorene
 Concen: 46.303 ng
 RT: 16.074 min Scan# 2134
 Delta R.T. -0.002 min
 Lab File: BG056925.D
 Acq: 30 Mar 2023 15:24

Tgt Ion:	166	Resp:	239398
Ion	Ratio	Lower	Upper
166	100		
165	101.8	82.6	123.8
167	14.1	10.2	15.2



Abundance Scan 2061 (15.647 min): BG056924.D\data.ms (-2059) (-)

2,3,4,6-Tetrachlorophenol

Concen: 50.629 ng

RT: 15.645 min Scan# 2061

Delta R.T. -0.002 min

Lab File: BG056925.D

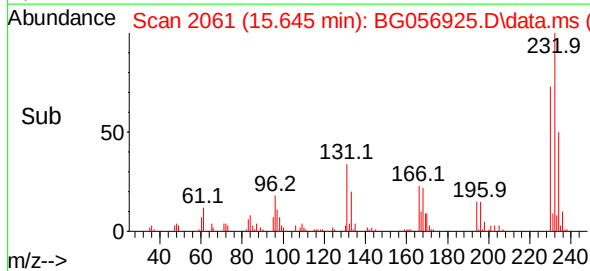
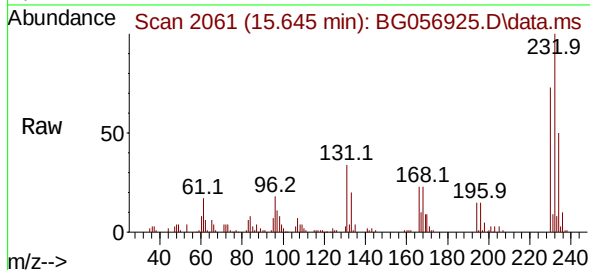
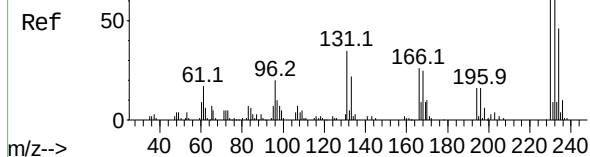
Acq: 30 Mar 2023 15:24

Instrument :

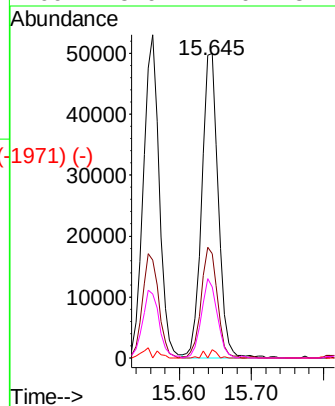
BNA_G

ClientSampleId :

SSTDIC050



Tgt Ion:	232	Resp:	79332
Ion	Ratio	Lower	Upper
232	100		
131	35.6	29.3	43.9
130	1.7	1.7	2.5
166	25.0	21.0	31.6



Abundance Scan 2090 (15.818 min): BG056924.D\data.ms (-2060) (-)

Diethylphthalate

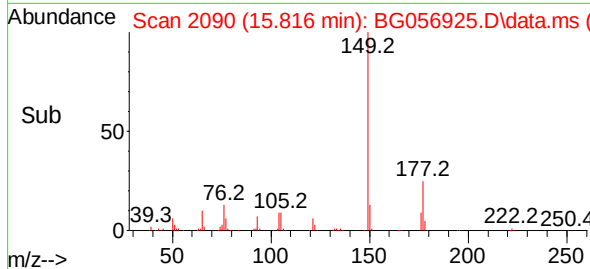
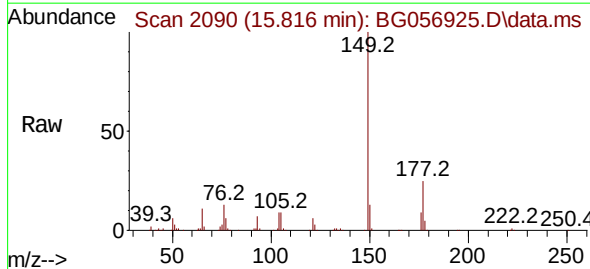
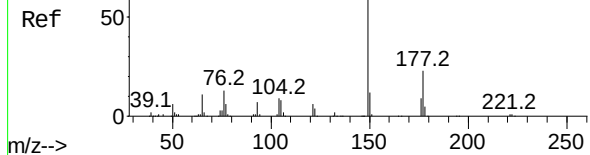
Concen: 47.396 ng

RT: 15.816 min Scan# 2090

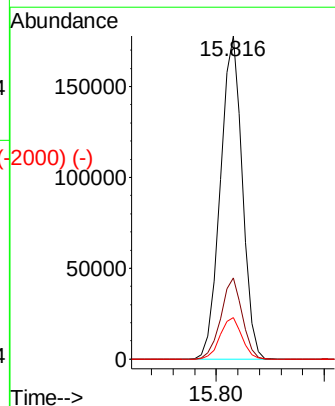
Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24



Tgt Ion:	149	Resp:	252757
Ion	Ratio	Lower	Upper
149	100		
177	25.0	18.8	28.2
150	12.8	9.4	14.2



Abundance Scan 2130 (16.053 min): BG056924.D\data.ms (-2130) (-)

4-Chlorophenyl-phenylether

Concen: 46.332 ng

RT: 16.051 min Scan# 2130

Delta R.T. -0.002 min

Lab File: BG056925.D

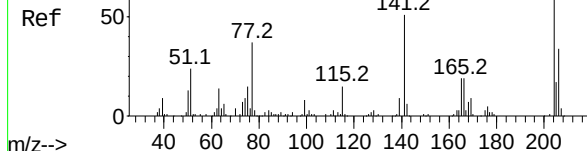
Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDIC050



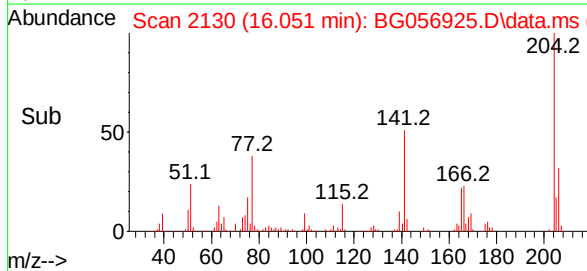
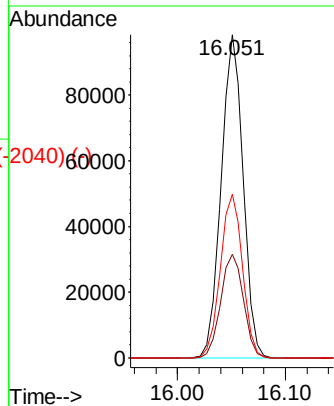
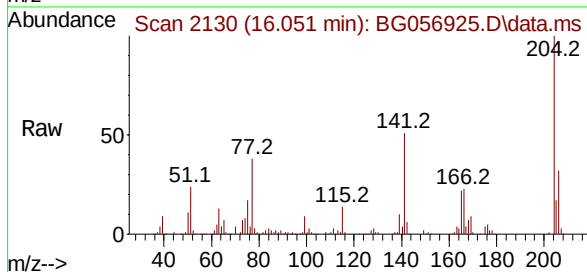
Tgt Ion:204 Resp: 140063

Ion Ratio Lower Upper

204 100

206 32.0 27.2 40.8

141 50.6 40.7 61.1



Abundance Scan 2135 (16.082 min): BG056924.D\data.ms (-2135) (-)

4-Nitroaniline

Concen: 47.931 ng

RT: 16.086 min Scan# 2136

Delta R.T. 0.004 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

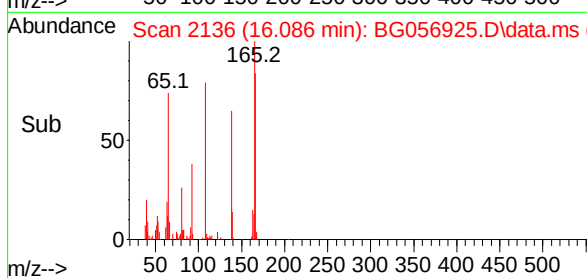
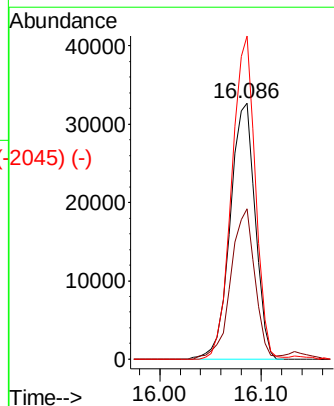
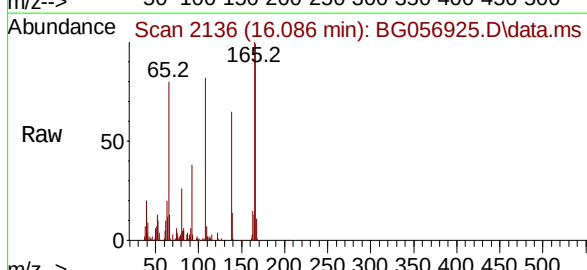
Tgt Ion:138 Resp: 56109

Ion Ratio Lower Upper

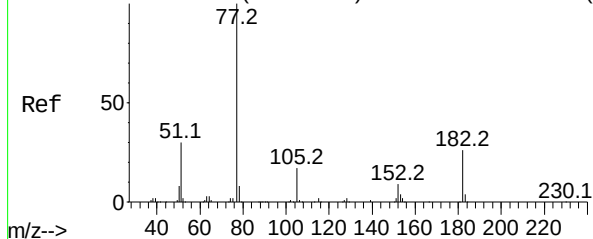
138 100

92 58.6 40.9 80.9

108 126.2 104.3 144.3



Abundance Scan 2180 (16.346 min): BG056924.D\data.ms (-2180) (-)



Azobenzene

Concen: 46.720 ng

RT: 16.344 min Scan# 2180

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 248809

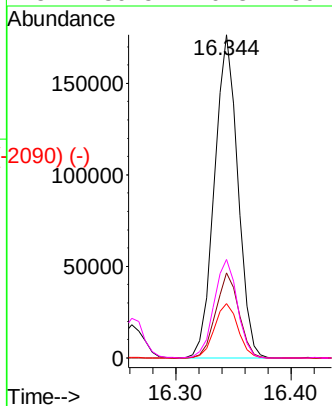
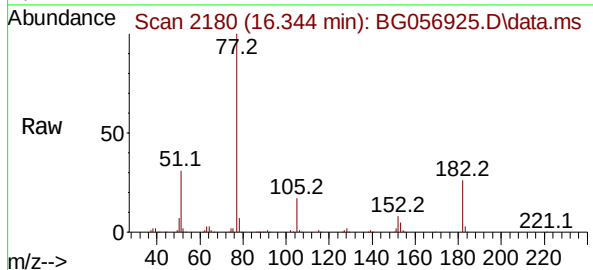
Ion Ratio Lower Upper

77 100

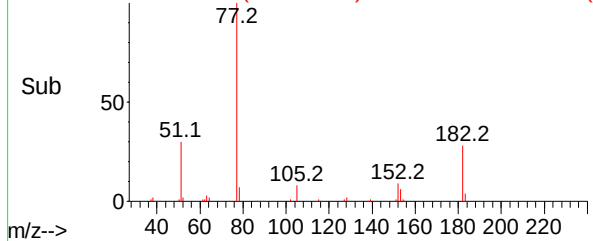
182 26.3 5.9 45.9

105 16.8 0.0 36.8

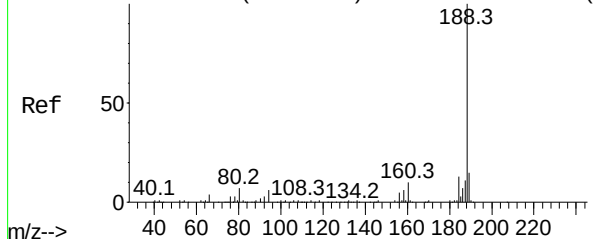
51 30.5 10.3 50.3



Abundance Scan 2180 (16.344 min): BG056925.D\data.ms (-2180) (-)



Abundance Scan 2423 (17.774 min): BG056924.D\data.ms (-2423) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.772 min Scan# 2423

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

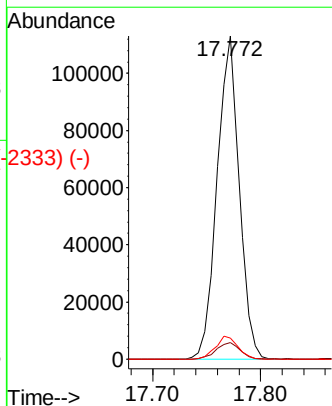
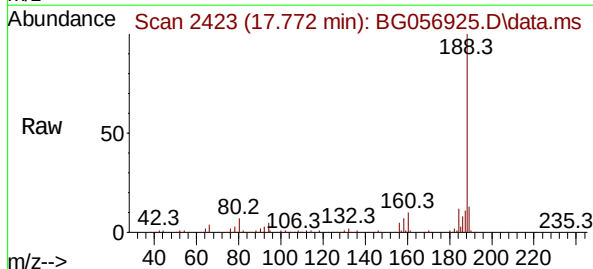
Tgt Ion: 188 Resp: 162761

Ion Ratio Lower Upper

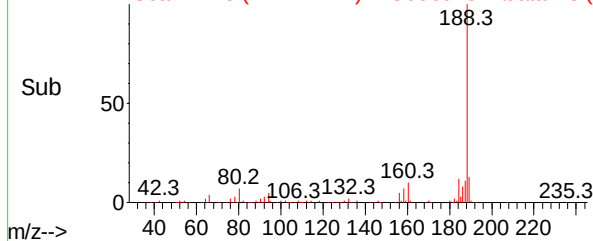
188 100

94 5.2 4.6 6.8

80 6.5 5.5 8.3



Abundance Scan 2423 (17.772 min): BG056925.D\data.ms (-2423) (-)



Abundance Scan 2145 (16.141 min): BG056924.D\data.ms (-2165) (-)

4,6-Dinitro-2-methylphenol

Concen: 53.808 ng

RT: 16.133 min Scan# 2145

Delta R.T. -0.008 min

Lab File: BG056925.D

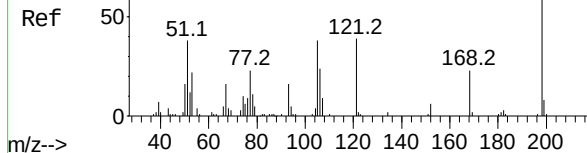
Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



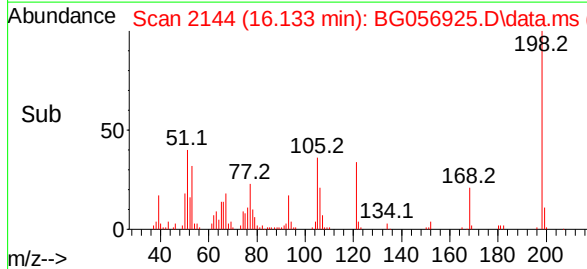
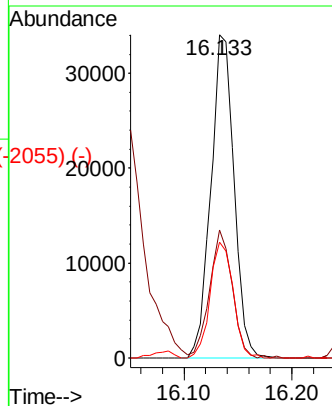
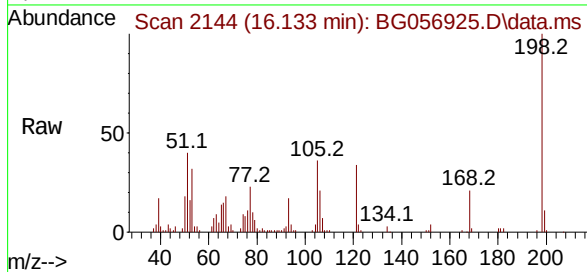
Tgt Ion:198 Resp: 50844

Ion Ratio Lower Upper

198 100

51 39.6 20.5 60.5

105 35.8 18.1 58.1



Abundance Scan 2166 (16.264 min): BG056924.D\data.ms (-2166) (-)

n-Nitrosodiphenylamine

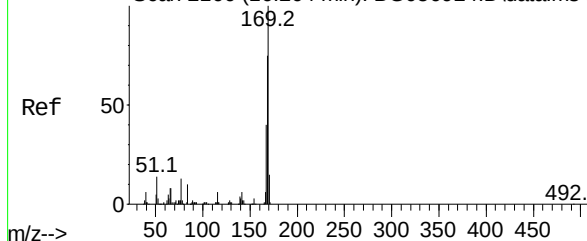
Concen: 47.957 ng

RT: 16.262 min Scan# 2166

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24



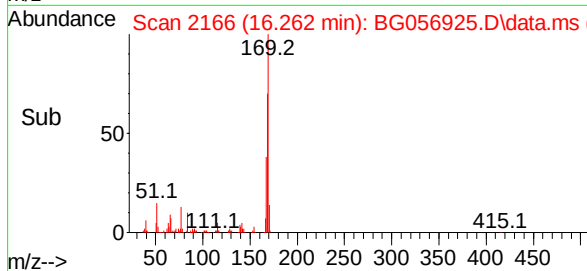
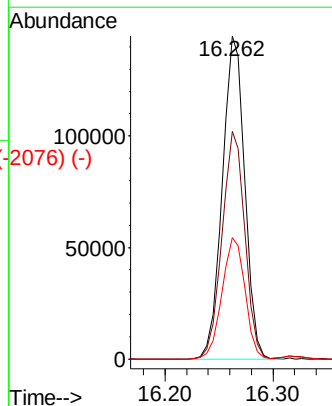
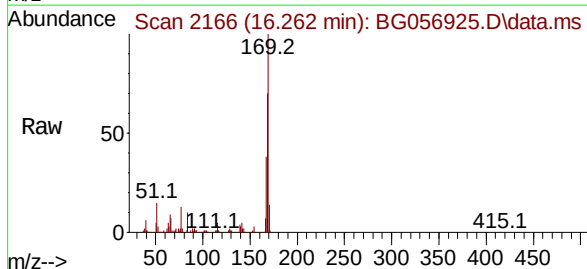
Tgt Ion:169 Resp: 211265

Ion Ratio Lower Upper

169 100

168 70.4 59.6 89.4

167 37.6 31.8 47.8



Abundance Scan 2283 (16.951 min): BG056924.D\data.ms (-2283) (-)

4-Bromophenyl-phenylether

Concen: 47.601 ng

RT: 16.943 min Scan# 2283

Delta R.T. -0.008 min

Lab File: BG056925.D

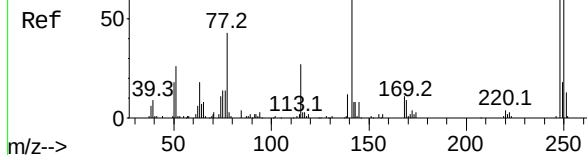
Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



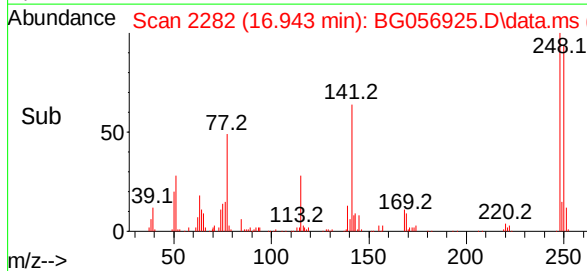
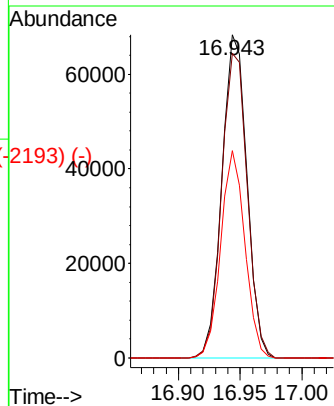
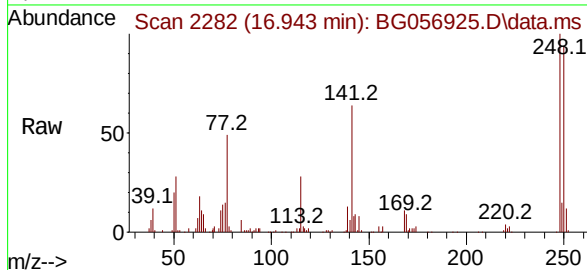
Tgt Ion:248 Resp: 96607

Ion Ratio Lower Upper

248 100

250 94.3 80.5 120.7

141 64.2 52.0 78.0



Abundance Scan 2304 (17.075 min): BG056924.D\data.ms (-2304) (-)

Hexachlorobenzene

Concen: 47.303 ng

RT: 17.073 min Scan# 2304

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

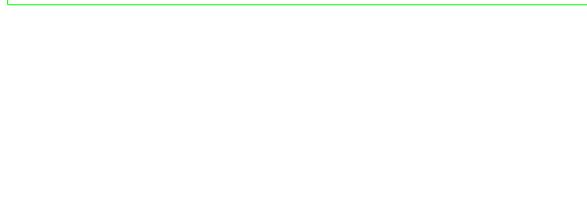
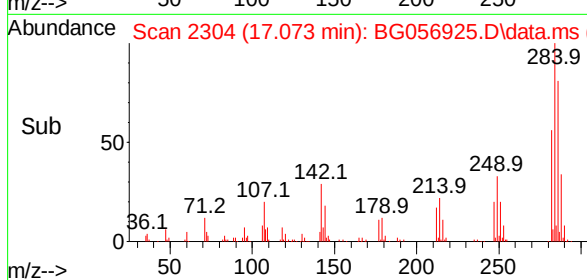
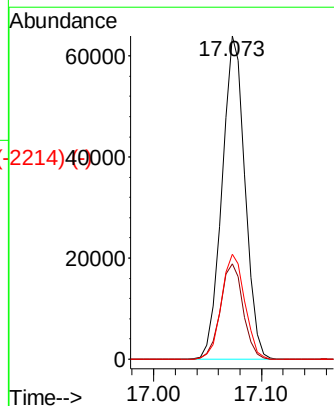
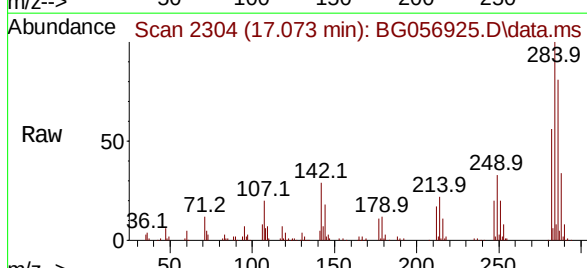
Tgt Ion:284 Resp: 95175

Ion Ratio Lower Upper

284 100

142 29.5 23.0 34.4

249 32.5 27.1 40.7



Abundance Scan 2325 (17.198 min): BG056924.D\data.ms (-2359) (-)

Atrazine

Concen: 45.169 ng

RT: 17.196 min Scan# 2325

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tgt Ion:200 Resp: 84792

Ion Ratio Lower Upper

200 100

173 22.0 1.0 41.0

215 48.1 25.0 65.0

Abundance Scan 2325 (17.196 min): BG056925.D\data.ms

Ref

58.3 93.0 132.2 173.2 200.2

m/z-->

Abundance Scan 2325 (17.196 min): BG056925.D\data.ms

Raw

58.3 92.8 138.3 173.2 200.2

m/z-->

Abundance Scan 2325 (17.196 min): BG056925.D\data.ms (-2235) (-)

Sub

58.3 92.8 138.3 173.2 200.2

m/z-->

Abundance

60000 17.196

40000

20000

0

Time-->

17.20

Abundance Scan 2362 (17.416 min): BG056924.D\data.ms (-2376) (-)

Pentachlorophenol

Concen: 50.916 ng

RT: 17.413 min Scan# 2362

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Tgt Ion:266 Resp: 71287

Ion Ratio Lower Upper

266 100

268 65.1 51.0 76.6

264 61.4 46.8 70.2

Abundance Scan 2362 (17.413 min): BG056925.D\data.ms

Ref

60.1 95.0 130.1 164.9 201.9 234.9 265.9

m/z-->

Abundance Scan 2362 (17.413 min): BG056925.D\data.ms

Raw

60.1 95.0 130.1 167.1 201.9 234.9 265.9

m/z-->

Abundance Scan 2362 (17.413 min): BG056925.D\data.ms (-2272) (-)

Sub

60.1 95.0 130.1 167.1 201.9 234.9 265.9

m/z-->

Abundance

40000 17.413

30000

20000

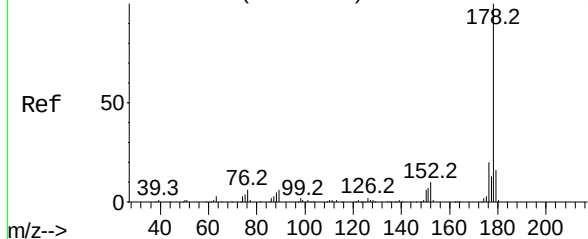
10000

0

Time-->

17.40 17.50

Abundance Scan 2430 (17.815 min): BG056924.D\data.ms (-2472) (-)



Phenanthrene

Concen: 47.050 ng

RT: 17.813 min Scan# 2430

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

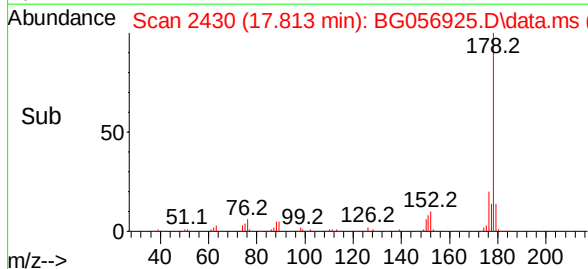
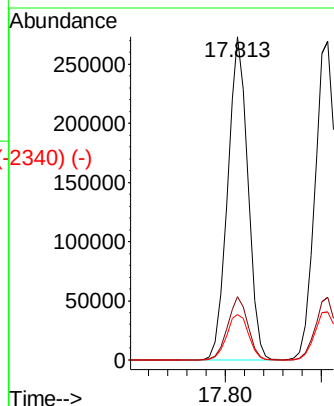
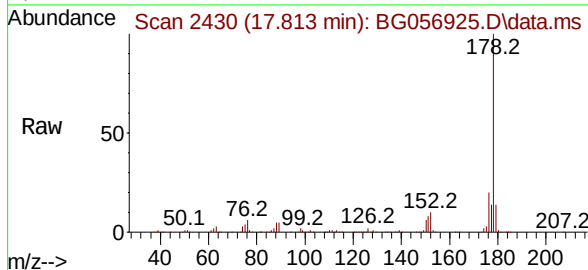
Tgt Ion:178 Resp: 398553

Ion Ratio Lower Upper

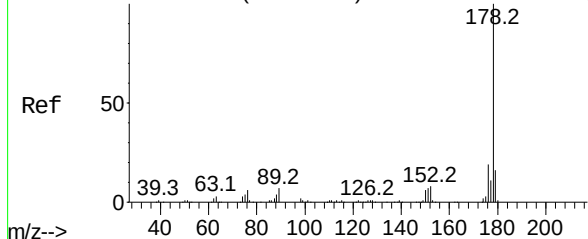
178 100

176 19.6 16.2 24.2

179 14.1 12.5 18.7



Abundance Scan 2446 (17.909 min): BG056924.D\data.ms (-2478) (-)



Anthracene

Concen: 46.723 ng

RT: 17.907 min Scan# 2446

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

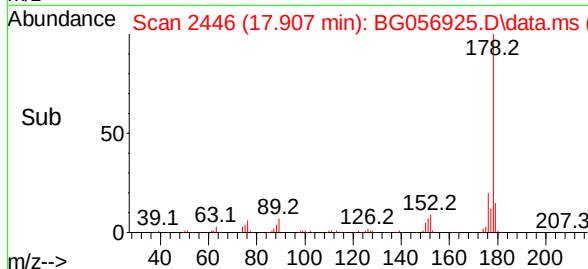
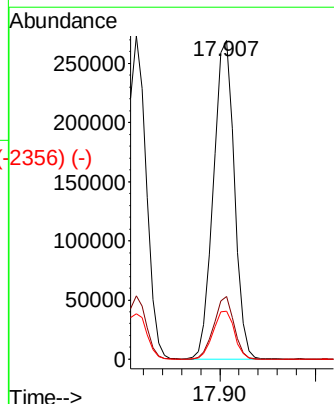
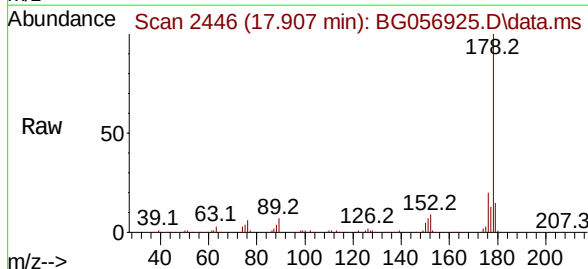
Tgt Ion:178 Resp: 406530

Ion Ratio Lower Upper

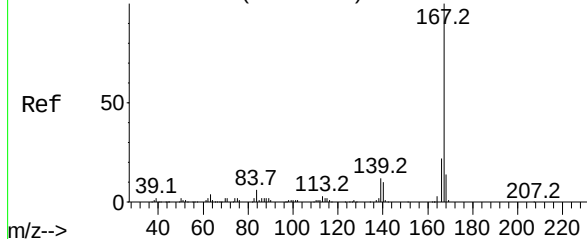
178 100

176 19.7 15.4 23.2

179 15.0 12.4 18.6



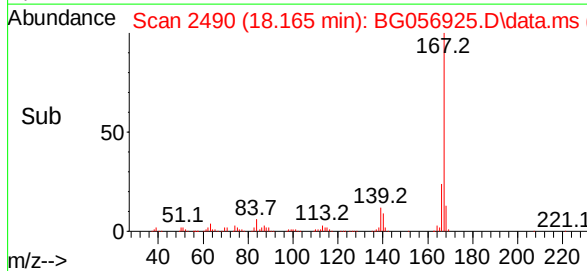
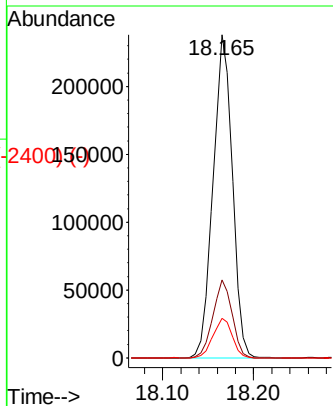
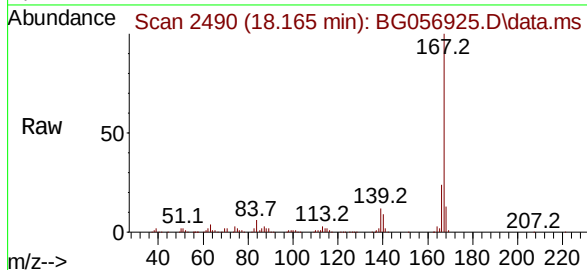
Abundance Scan 2490 (18.167 min): BG056924.D\data.ms (-2490.49)



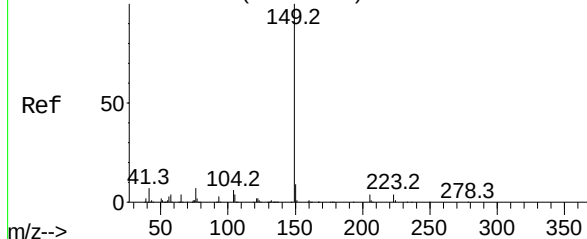
Carbazole
Concen: 45.588 ng
RT: 18.165 min Scan# 2490
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:	167	Resp:	350781
Ion	Ratio	Lower	Upper
167	100		
166	24.1	17.9	26.9
139	12.3	9.5	14.3

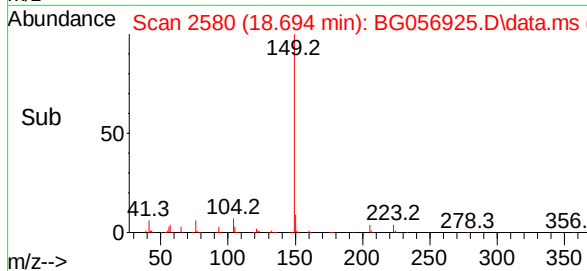
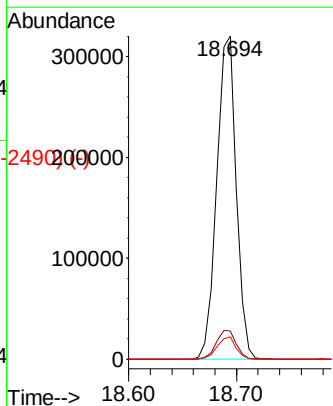
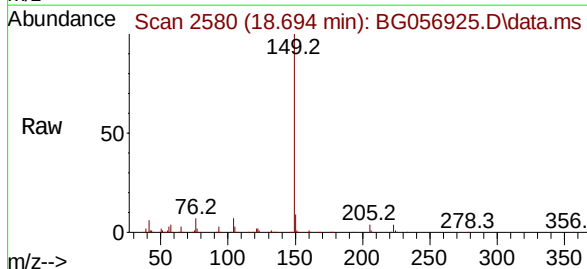


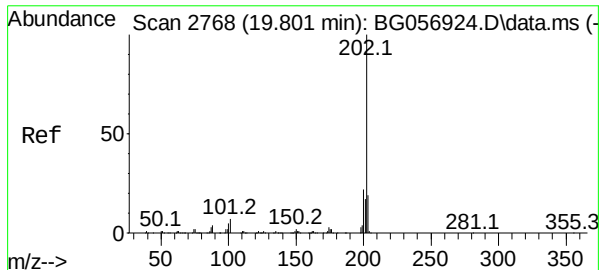
Abundance Scan 2580 (18.696 min): BG056924.D\data.ms (-2579.77)



Di-n-butylphthalate
Concen: 45.805 ng
RT: 18.694 min Scan# 2580
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

Tgt Ion:	149	Resp:	405763
Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.0
104	6.8	4.9	7.3

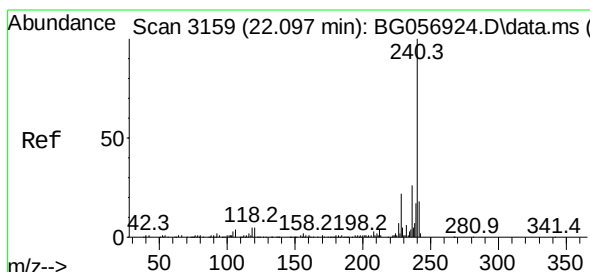
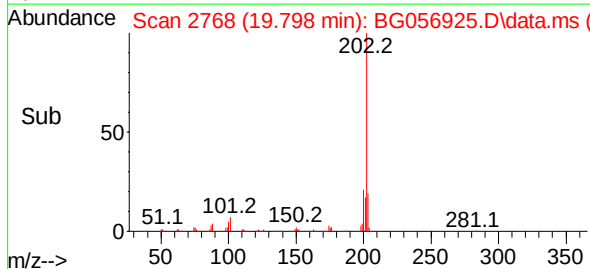
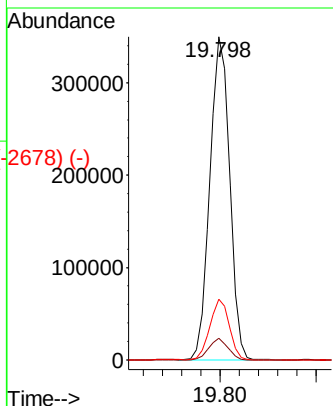
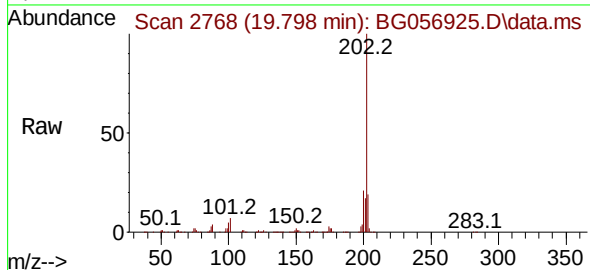




Fluoranthene
Concen: 45.829 ng
RT: 19.798 min Scan# 2768
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

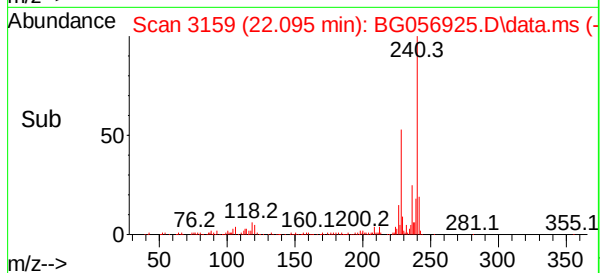
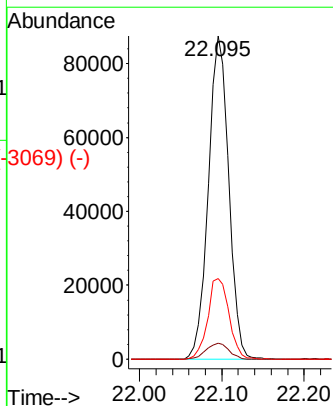
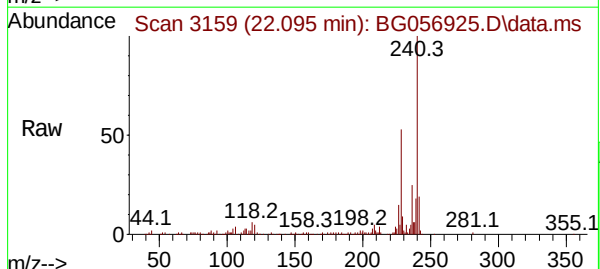
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

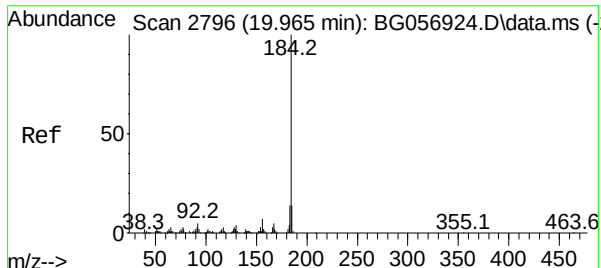
Tgt Ion:	202	Resp:	499945
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	26.7
203	18.8	0.0	39.0



Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3159
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

Tgt Ion:	240	Resp:	150663
Ion Ratio	Lower	Upper	
240	100		
120	4.9	3.8	5.6
236	25.0	21.0	31.6





Benzidine

Concen: 44.319 ng

RT: 19.963 min Scan# 2796

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

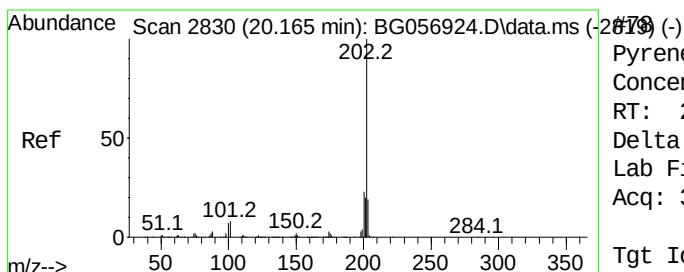
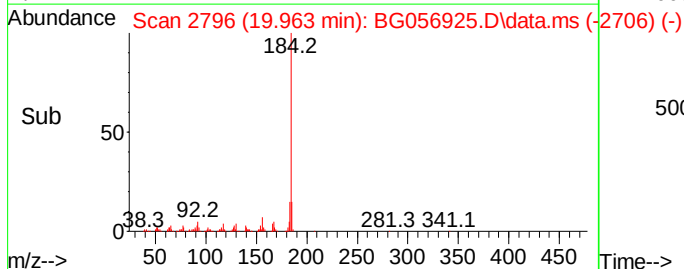
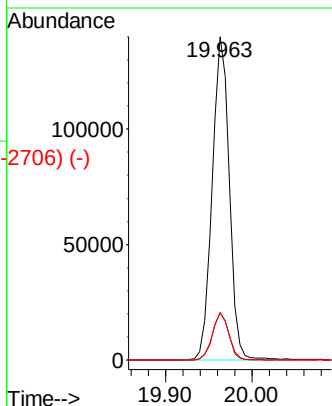
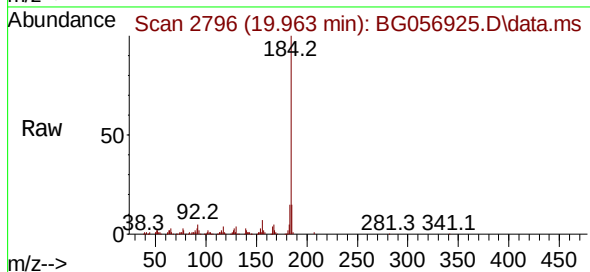
Tgt Ion:184 Resp: 192640

Ion Ratio Lower Upper

184 100

185 14.6 11.0 16.4

183 14.6 11.4 17.0



Pyrene

Concen: 47.077 ng

RT: 20.163 min Scan# 2830

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

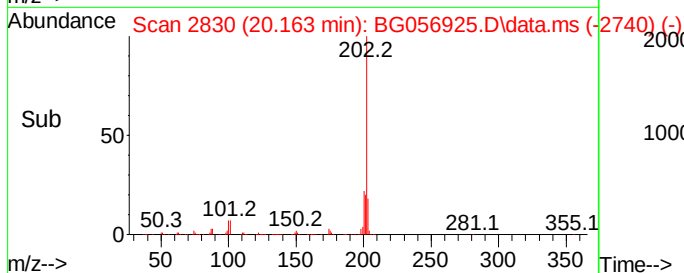
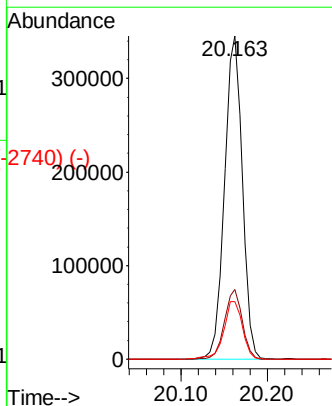
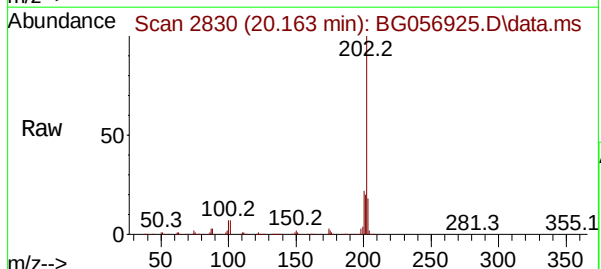
Tgt Ion:202 Resp: 502926

Ion Ratio Lower Upper

202 100

200 21.5 18.7 28.1

203 17.7 15.4 23.2



Abundance Scan 2860 (20.341 min): BG056924.D\data.ms (-2879) (-)

Terphenyl-d14

Concen: 91.172 ng

RT: 20.339 min Scan# 2860

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:244 Resp: 837601

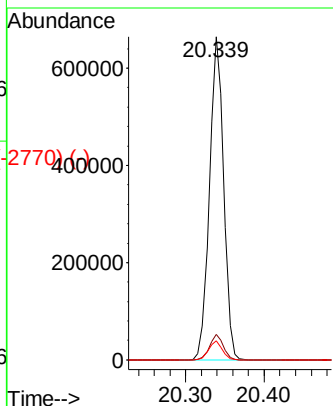
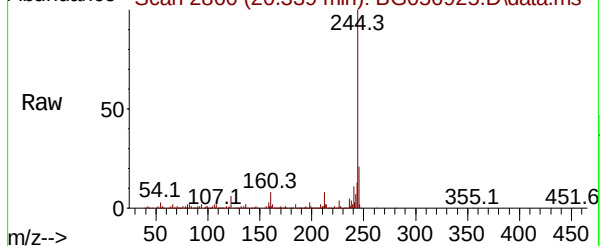
Ion Ratio Lower Upper

244 100

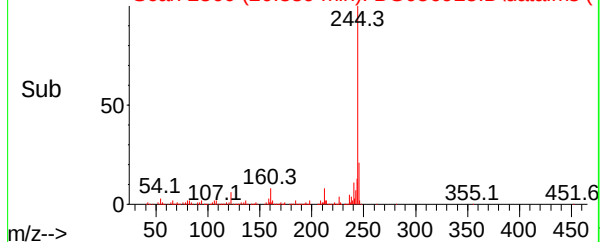
212 7.9 6.1 9.1

122 5.9 5.0 7.4

Abundance Scan 2860 (20.339 min): BG056925.D\data.ms



Abundance Scan 2860 (20.339 min): BG056925.D\data.ms (-2770) (-)



Abundance Scan 2976 (21.022 min): BG056924.D\data.ms (-2980) (-)

Butylbenzylphthalate

Concen: 49.581 ng

RT: 21.020 min Scan# 2976

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Tgt Ion:149 Resp: 176624

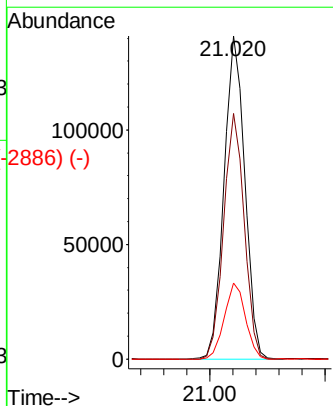
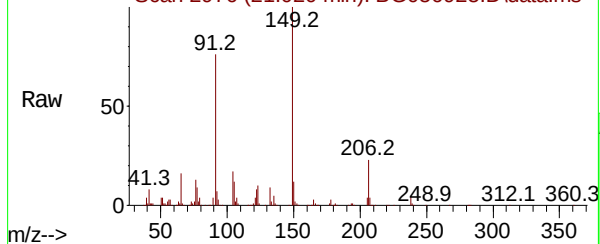
Ion Ratio Lower Upper

149 100

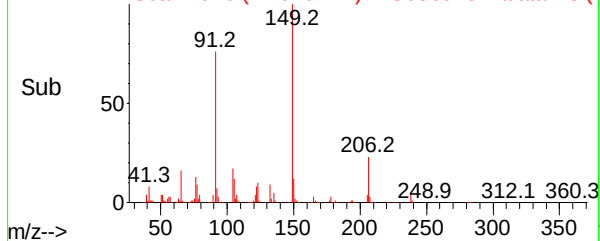
91 76.1 64.4 96.6

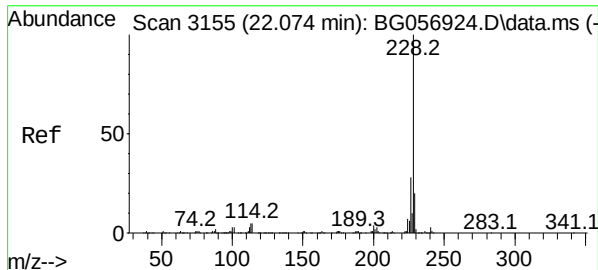
206 23.5 18.9 28.3

Abundance Scan 2976 (21.020 min): BG056925.D\data.ms



Abundance Scan 2976 (21.020 min): BG056925.D\data.ms (-2886) (-)





Benzo(a)anthracene

Concen: 47.821 ng

RT: 22.072 min Scan# 3155

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

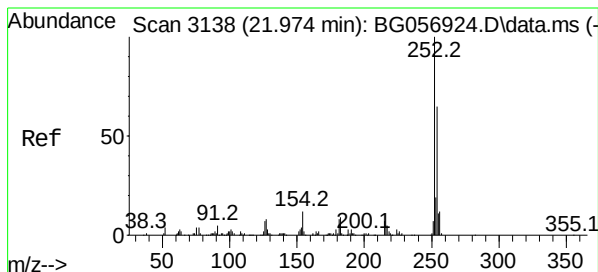
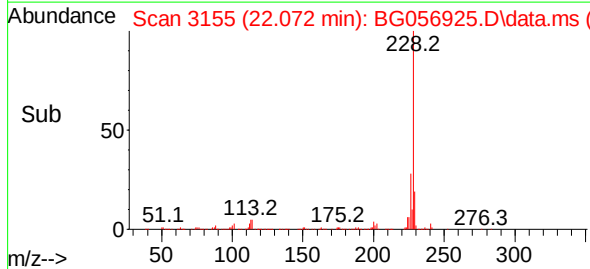
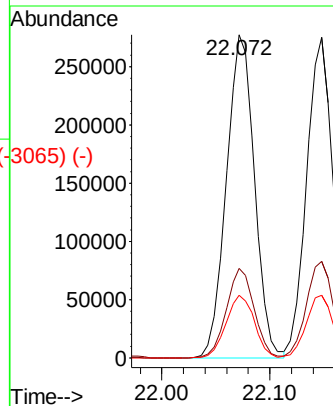
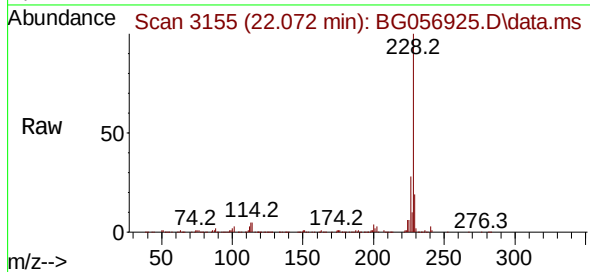
Tgt Ion:228 Resp: 505805

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

229 19.5 16.1 24.1



3,3'-Dichlorobenzidine

Concen: 47.702 ng

RT: 21.972 min Scan# 3138

Delta R.T. -0.002 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

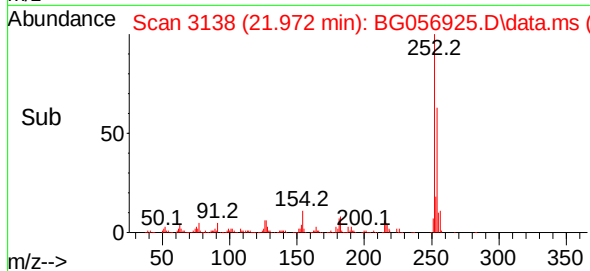
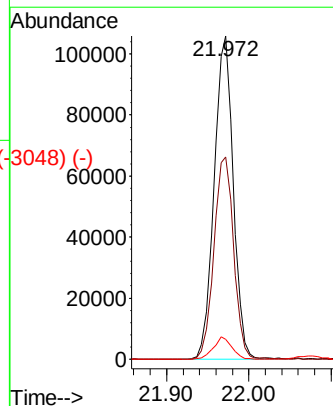
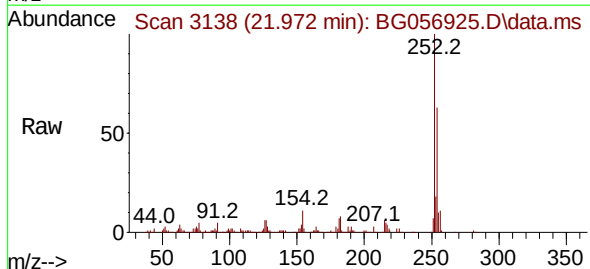
Tgt Ion:252 Resp: 170865

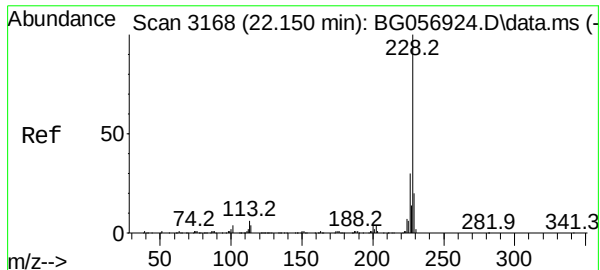
Ion Ratio Lower Upper

252 100

254 62.5 51.7 77.5

126 6.2 5.6 8.4

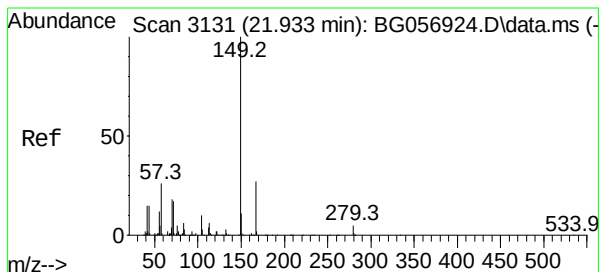
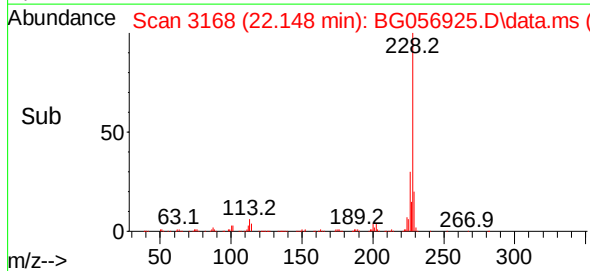
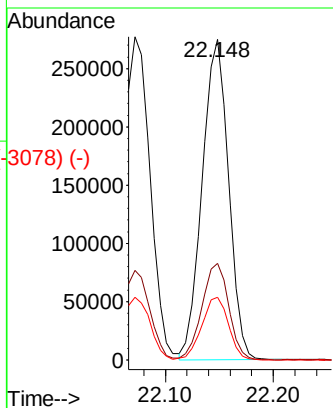
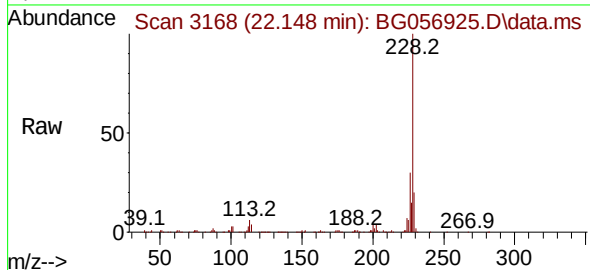




Chrysene
Concen: 46.701 ng
RT: 22.148 min Scan# 3168
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

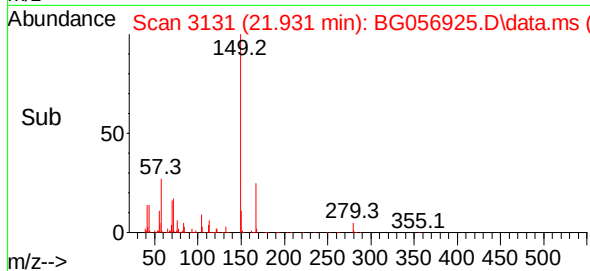
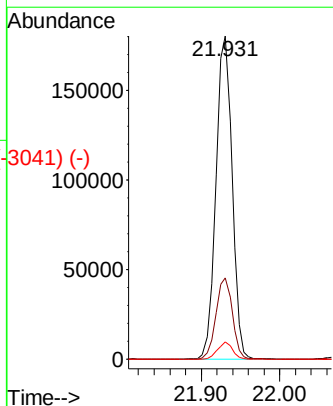
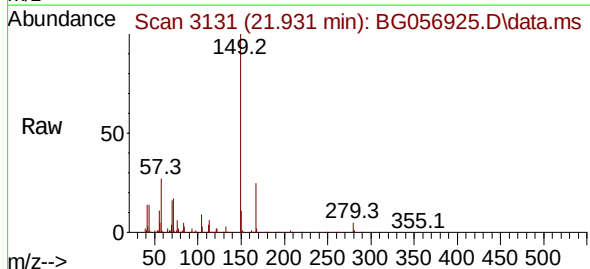
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:	228	Resp:	464991
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.6	15.6	23.4

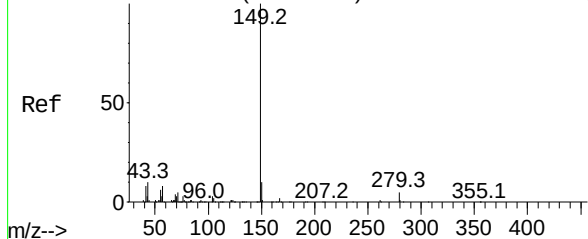


Bis(2-ethylhexyl)phthalate
Concen: 49.817 ng
RT: 21.931 min Scan# 3131
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

Tgt Ion:	149	Resp:	257199
Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.4	32.2
279	5.4	3.9	5.9



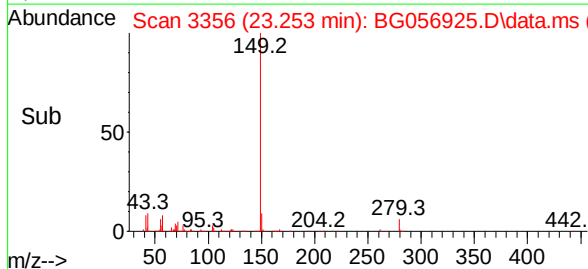
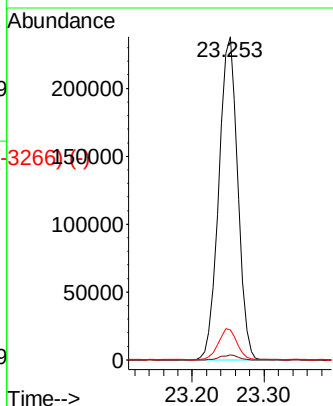
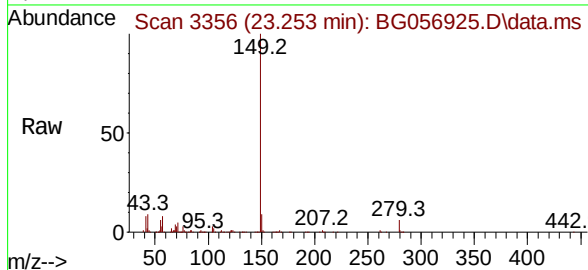
Abundance Scan 3356 (23.255 min): BG056924.D\data.ms (-3356) (-)



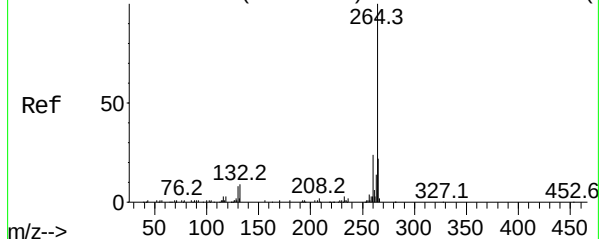
Di-n-octyl phthalate
Concen: 49.659 ng
RT: 23.253 min Scan# 3356
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:	149	Resp:	431843
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.3	7.9	11.9

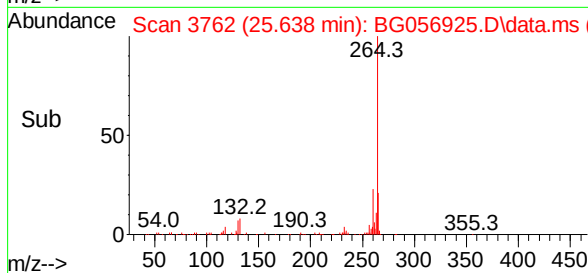
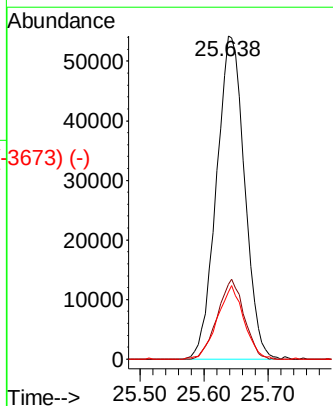
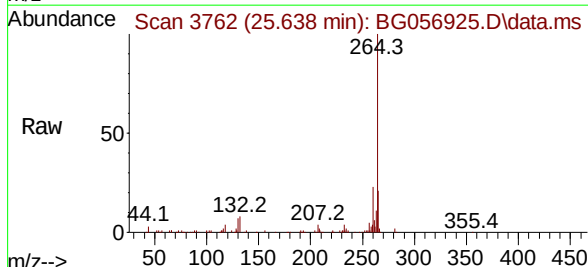


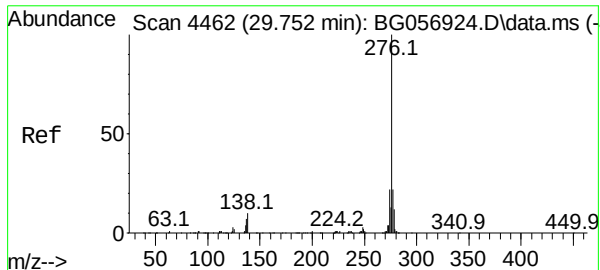
Abundance Scan 3763 (25.646 min): BG056924.D\data.ms (-3763) (-)



Perylene-d12
Concen: 20.000 ng
RT: 25.638 min Scan# 3762
Delta R.T. -0.008 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

Tgt Ion:	264	Resp:	165219
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	20.8	17.8	26.6





Indeno(1,2,3-cd)pyrene
Concen: 47.795 ng
RT: 29.744 min Scan# 4461
Delta R.T. -0.008 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

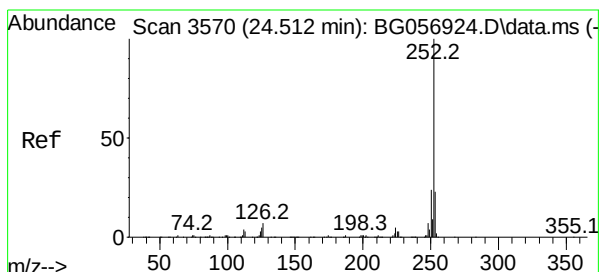
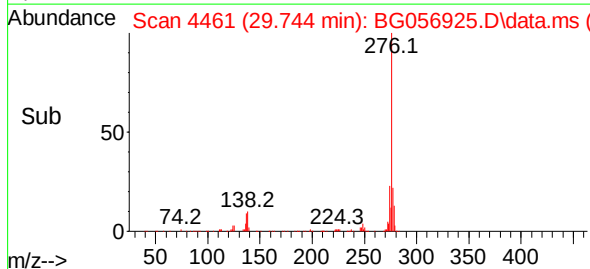
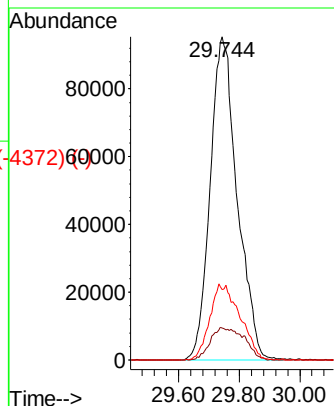
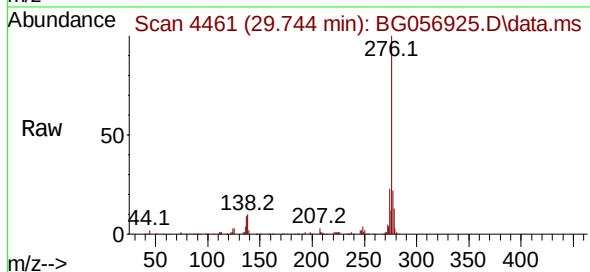
Instrument :

BNA_G

ClientSampleId :

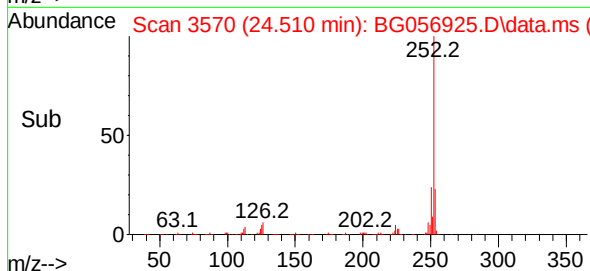
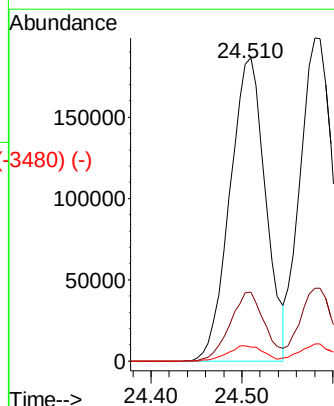
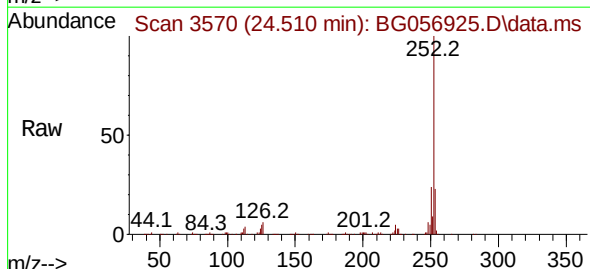
SSTDICC050

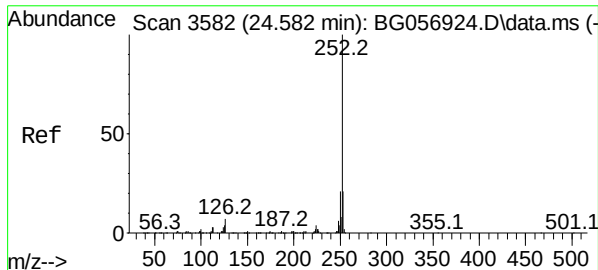
Tgt Ion:276 Resp: 590222
Ion Ratio Lower Upper
276 100
138 12.6 7.7 11.5#
277 26.2 21.0 31.4



Benzo(b)fluoranthene
Concen: 49.231 ng
RT: 24.510 min Scan# 3570
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

Tgt Ion:252 Resp: 509263
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 4.7 4.2 6.4

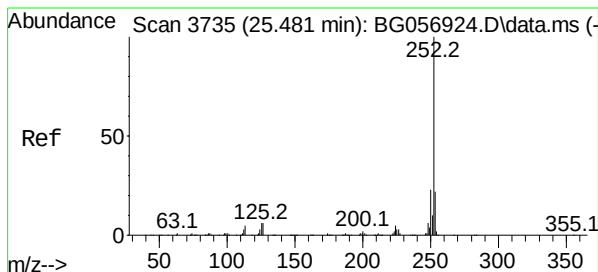
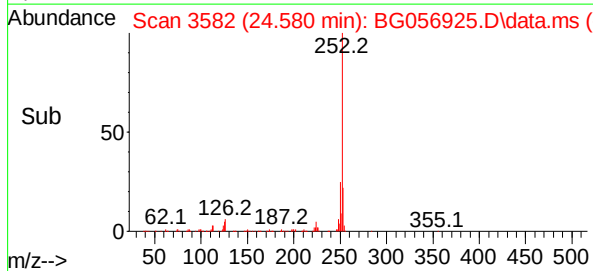
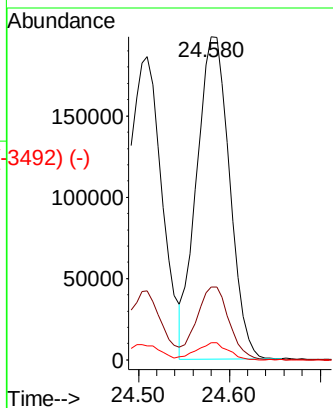
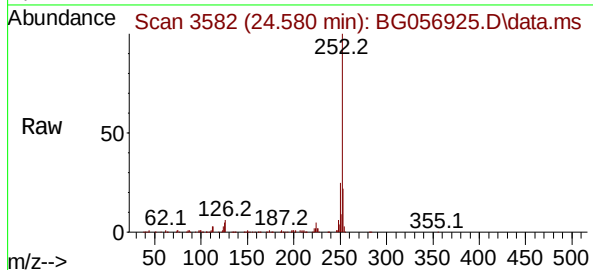




#20 (-)
Benzo(k)fluoranthene
Concen: 47.719 ng
RT: 24.580 min Scan# 3582
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

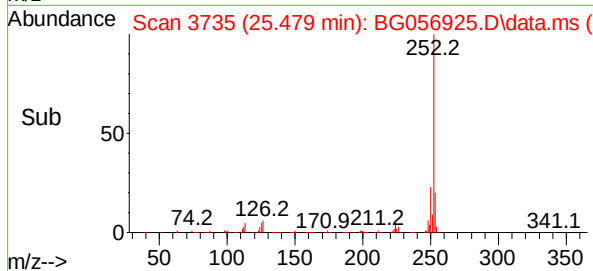
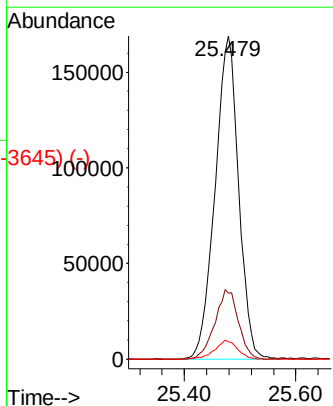
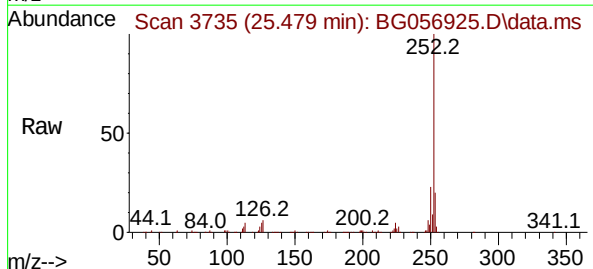
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:	252	Resp:	499154
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	5.2	3.8	5.6



#20 (-)
Benzo(a)pyrene
Concen: 48.129 ng
RT: 25.479 min Scan# 3735
Delta R.T. -0.002 min
Lab File: BG056925.D
Acq: 30 Mar 2023 15:24

Tgt Ion:	252	Resp:	496029
Ion Ratio	Lower	Upper	
252	100		
253	20.4	17.6	26.4
125	5.4	4.5	6.7



Abundance Scan 4474 (29.822 min): BG056924.D\data.ms (-4493) (-)

Dibenzo(a,h)anthracene

Concen: 47.491 ng

RT: 29.814 min Scan# 4473

Delta R.T. -0.008 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 484103

Ion Ratio Lower Upper

278 100

139 7.2 6.4 9.6

279 25.8 20.2 30.2

Abundance Scan 4473 (29.814 min): BG056925.D\data.ms

Ref 50

278.1

50.3 99.2 139.2 187.3 237.2

m/z-->

Abundance Scan 4473 (29.814 min): BG056925.D\data.ms

Raw 50

278.1

44.1 99.2 139.2 207.2 355.1

m/z-->

Abundance Scan 4473 (29.814 min): BG056925.D\data.ms (-4384) (-)

Sub 50

278.1

74.2 139.2 224.2 355.1

m/z-->

Abundance

100000

80000

60000

40000

20000

0

Time-->

29.60 29.80

Abundance Scan 4682 (31.044 min): BG056924.D\data.ms (-4692) (-)

Benzo(g,h,i)perylene

Concen: 47.832 ng

RT: 31.036 min Scan# 4681

Delta R.T. -0.008 min

Lab File: BG056925.D

Acq: 30 Mar 2023 15:24

Tgt Ion:276 Resp: 476123

Ion Ratio Lower Upper

276 100

277 23.0 19.1 28.7

138 10.1 8.2 12.2

Abundance Scan 4681 (31.036 min): BG056925.D\data.ms

Ref 50

276.1

43.1 91.5 138.2 222.2

m/z-->

Abundance Scan 4681 (31.036 min): BG056925.D\data.ms

Raw 50

276.1

44.0 91.3 138.2 207.2 355.1

m/z-->

Abundance Scan 4681 (31.036 min): BG056925.D\data.ms (-4592) (-)

Sub 50

276.1

44.0 98.2 138.2 198.2

m/z-->

Abundance

80000

60000

40000

20000

0

Time-->

30.80 31.00 31.20