

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053586.D
 Acq On : 17 May 2022 16:27
 Operator : CG/JU
 Sample : N2863-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P003-SS003-1218-01MSD

Quant Time: May 18 03:14:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	26363	20.000	ng	-0.01
21) Naphthalene-d8	10.891	136	123334	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	102763	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	253602	20.000	ng	0.00
76) Chrysene-d12	21.735	240	193772	20.000	ng	0.00
86) Perylene-d12	25.013	264	185230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	254343	163.735	ng	0.00
7) Phenol-d6	7.249	99	403070	170.974	ng	0.00
23) Nitrobenzene-d5	9.246	82	279745	96.553	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	236287	155.900	ng	0.00
45) 2-Fluorobiphenyl	13.329	172	656817	93.399	ng	0.00
79) Terphenyl-d14	20.061	244	1302951	125.235	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.519	88	22842	28.026	ng	# 87
3) Pyridine	3.924	79	58615	29.448	ng	98
4) n-Nitrosodimethylamine	3.836	42	45345	46.766	ng	# 99
6) Aniline	7.408	93	119928	45.930	ng	94
8) 2-Chlorophenol	7.649	128	88876	54.729	ng	97
9) Benzaldehyde	7.214	77	71089	47.466	ng	89
10) Phenol	7.279	94	127123	55.134	ng	94
11) bis(2-Chloroethyl)ether	7.490	93	91385	53.143	ng	97
12) 1,3-Dichlorobenzene	7.972	146	85196	44.471	ng	92
13) 1,4-Dichlorobenzene	8.113	146	87183	45.098	ng	95
14) 1,2-Dichlorobenzene	8.436	146	89357	49.223	ng	93
15) Benzyl Alcohol	8.318	79	56883	28.861	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.606	45	139542	49.858	ng	95
17) 2-Methylphenol	8.530	107	86305	55.380	ng	95
18) Hexachloroethane	9.164	117	33179	45.195	ng	98
19) n-Nitroso-di-n-propyla...	8.882	70	88209	52.149	ng	96
20) 3+4-Methylphenols	8.859	107	119954	54.501	ng	92
22) Acetophenone	8.906	105	147464	43.687	ng	# 96
24) Nitrobenzene	9.288	77	130075	46.385	ng	99
25) Isophorone	9.810	82	248132	50.888	ng	99
26) 2-Nitrophenol	10.004	139	54710	48.170	ng	97
27) 2,4-Dimethylphenol	10.063	122	94688	55.397	ng	99
28) bis(2-Chloroethoxy)met...	10.286	93	130510	46.538	ng	100
29) 2,4-Dichlorophenol	10.545	162	107686	52.201	ng	94
30) 1,2,4-Trichlorobenzene	10.756	180	105112	44.846	ng	98
31) Naphthalene	10.944	128	284875	45.408	ng	98
32) Benzoic acid	10.233	122	32730	33.704	ng	92
33) 4-Chloroaniline	11.068	127	28212	10.738	ng	97
34) Hexachlorobutadiene	11.226	225	76346	43.927	ng	98
35) Caprolactam	11.837	113	15691	20.931	ng	90
36) 4-Chloro-3-methylphenol	12.178	107	123582	50.082	ng	98
37) 2-Methylnaphthalene	12.542	142	218470	46.663	ng	97
38) 1-Methylnaphthalene	12.542	142	218470	47.827	ng	96
40) 1,2,4,5-Tetrachloroben...	12.912	216	141322	43.628	ng	# 98
41) Hexachlorocyclopentadiene	12.889	237	157700	115.158	ng	98
43) 2,4,6-Trichlorophenol	13.153	196	101237	47.880	ng	98

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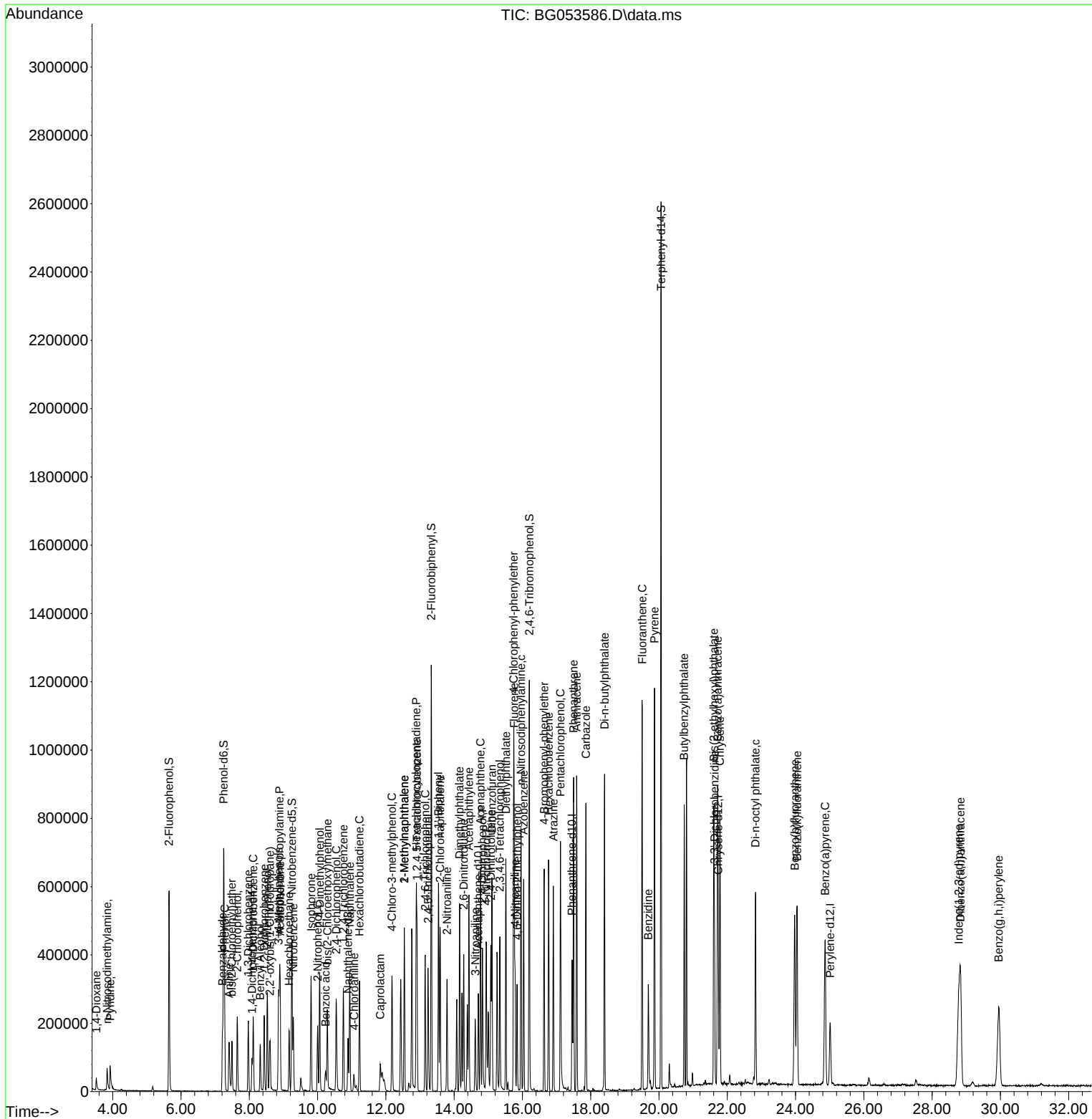
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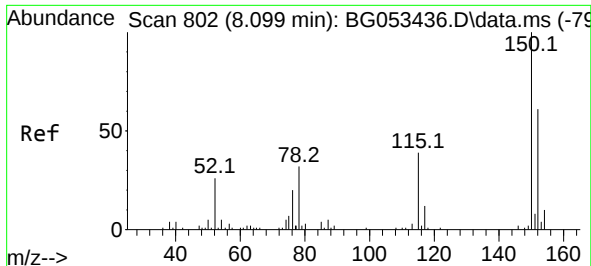
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.235	196	111003	49.327	ng	97
46) 1,1'-Biphenyl	13.541	154	313420	44.744	ng	99
47) 2-Chloronaphthalene	13.588	162	245293	44.696	ng	99
48) 2-Nitroaniline	13.793	65	100457	49.125	ng	95
49) Acenaphthylene	14.434	152	418633	47.803	ng	99
50) Dimethylphthalate	14.157	163	355597	45.537	ng	99
51) 2,6-Dinitrotoluene	14.281	165	79066	49.697	ng	99
52) Acenaphthene	14.774	154	238291	45.658	ng	99
53) 3-Nitroaniline	14.622	138	53479	31.111	ng	96
54) 2,4-Dinitrophenol	14.827	184	96750	94.569	ng	95
55) Dibenzofuran	15.109	168	413673	44.128	ng	97
56) 4-Nitrophenol	14.945	139	114603	93.340	ng	96
57) 2,4-Dinitrotoluene	15.074	165	111113	48.182	ng #	88
58) Fluorene	15.755	166	347590	46.205	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.338	232	108429	47.489	ng	97
60) Diethylphthalate	15.514	149	370776	45.965	ng	100
61) 4-Chlorophenyl-phenyle...	15.744	204	195861	46.658	ng	97
62) 4-Nitroaniline	15.785	138	81495	45.708	ng	97
63) Azobenzene	16.037	77	373313	45.195	ng	99
65) 4,6-Dinitro-2-methylph...	15.843	198	72497	47.975	ng	98
66) n-Nitrosodiphenylamine	15.961	169	311958	46.852	ng	99
67) 4-Bromophenyl-phenylether	16.636	248	139616	47.139	ng	94
68) Hexachlorobenzene	16.766	284	151347	46.659	ng	97
69) Atrazine	16.907	200	125185	44.660	ng	95
70) Pentachlorophenol	17.112	266	163431	92.770	ng	96
71) Phenanthrene	17.500	178	592598	45.955	ng	97
72) Anthracene	17.588	178	601763	47.477	ng	100
73) Carbazole	17.858	167	552337	44.464	ng	99
74) Di-n-butylphthalate	18.405	149	657610	47.071	ng	99
75) Fluoranthene	19.509	202	766572	45.911	ng	98
77) Benzidine	19.685	184	229569	54.967	ng	98
78) Pyrene	19.867	202	761460	60.704	ng	100
80) Butylbenzylphthalate	20.737	149	243562	52.951	ng	94
81) Benzo(a)anthracene	21.718	228	591930	47.894	ng	98
82) 3,3'-Dichlorobenzidine	21.624	252	177205	56.540	ng	99
83) Chrysene	21.782	228	528026	45.744	ng	97
84) Bis(2-ethylhexyl)phtha...	21.606	149	284792	44.858	ng	97
85) Di-n-octyl phthalate	22.828	149	471635	43.932	ng	100
87) Indeno(1,2,3-cd)pyrene	28.779	276	602410	46.695	ng #	95
88) Benzo(b)fluoranthene	23.974	252	551690	50.318	ng	99
89) Benzo(k)fluoranthene	24.044	252	514572	47.761	ng	98
90) Benzo(a)pyrene	24.866	252	524132	56.165	ng	99
91) Dibenzo(a,h)anthracene	28.826	278	524301	49.322	ng	100
92) Benzo(g,h,i)perylene	29.948	276	523284	49.661	ng	97

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

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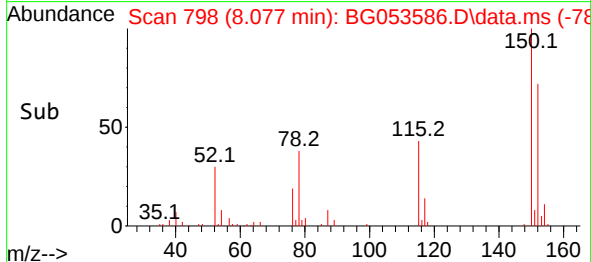
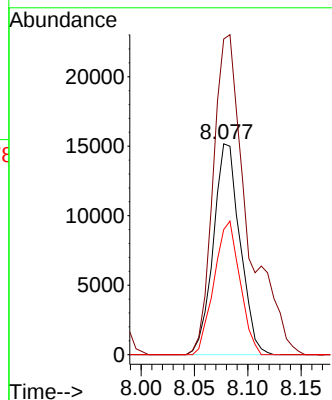
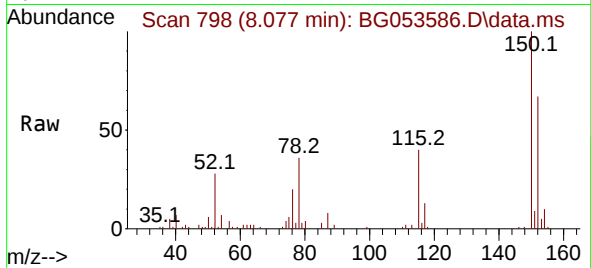




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.077 min Scan# 79
Delta R.T. -0.012 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

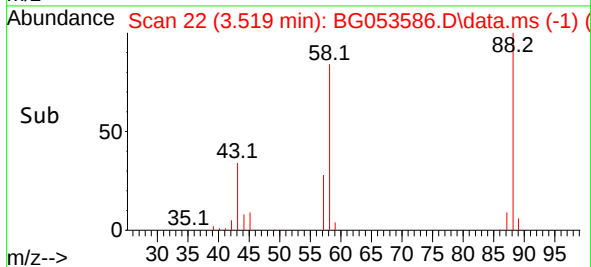
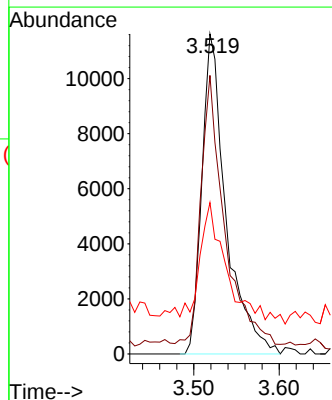
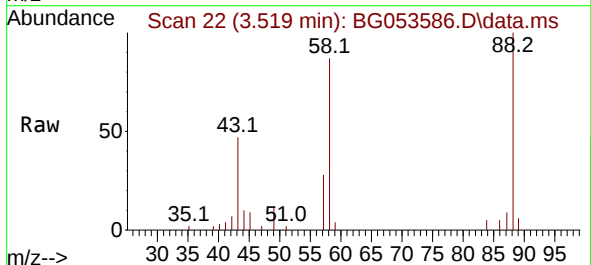
Instrument :
BNA_G
ClientSampleId :
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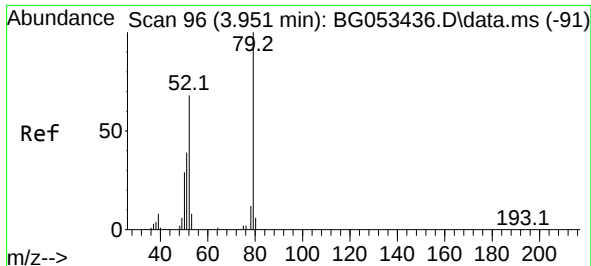
Tgt Ion:152 Resp: 26363
Ion Ratio Lower Upper
152 100
150 149.6 131.6 197.4
115 59.3 50.9 76.3



#2
1,4-Dioxane
Concen: 28.026 ng
RT: 3.519 min Scan# 22
Delta R.T. -0.018 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion: 88 Resp: 22842
Ion Ratio Lower Upper
88 100
58 81.3 59.2 88.8
43 43.0 24.3 36.5#





#3

Pyridine

Concen: 29.448 ng

RT: 3.924 min Scan# 91

Delta R.T. -0.012 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD

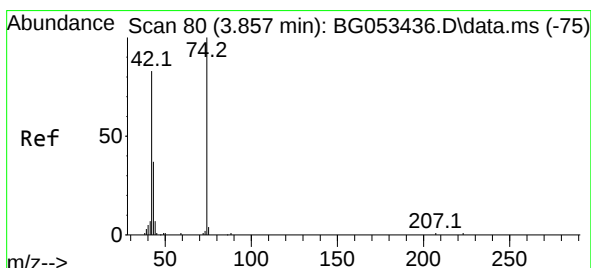
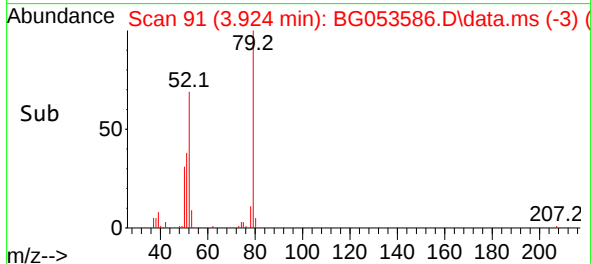
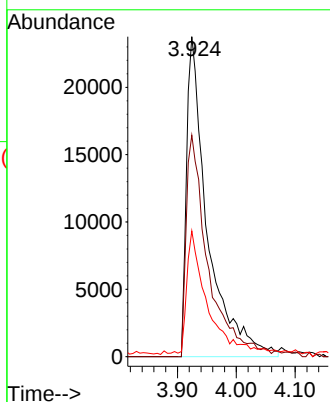
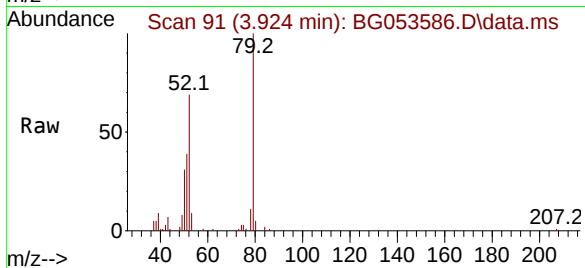
Tgt Ion: 79 Resp: 58615

Ion Ratio Lower Upper

79 100

52 69.2 54.6 81.8

51 39.3 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 46.766 ng

RT: 3.836 min Scan# 76

Delta R.T. -0.012 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

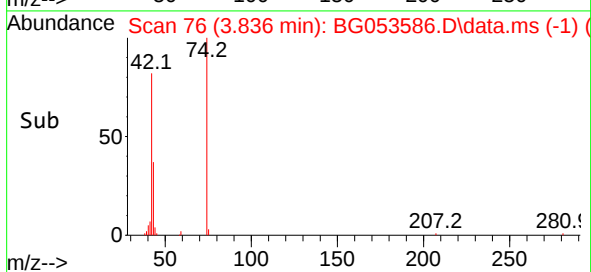
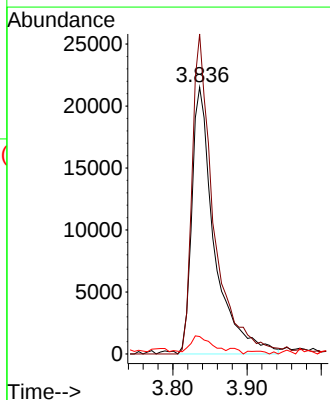
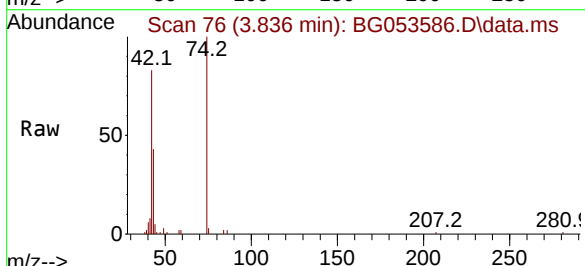
Tgt Ion: 42 Resp: 45345

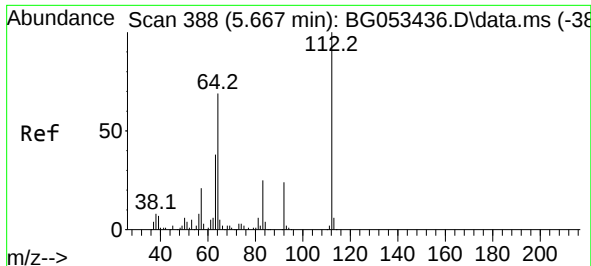
Ion Ratio Lower Upper

42 100

74 120.0 97.0 145.4

44 6.5 7.0 10.4

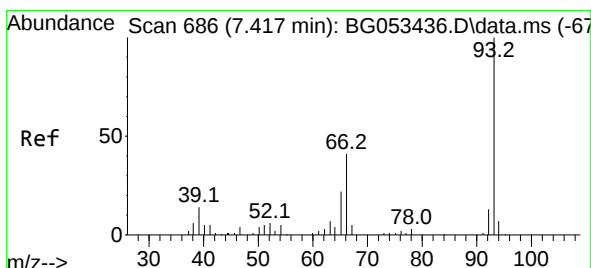
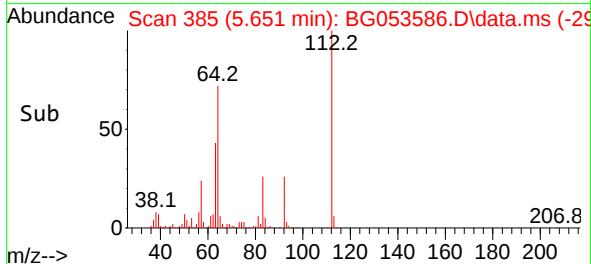
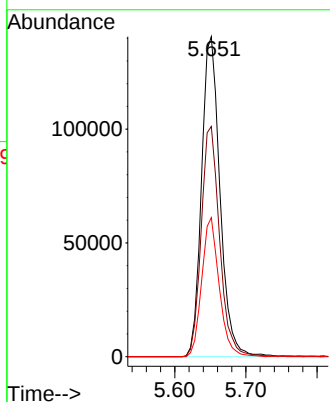
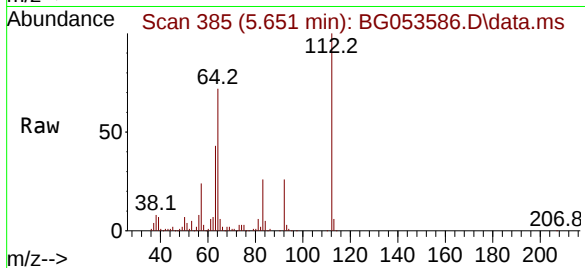




#5
2-Fluorophenol
Concen: 163.735 ng
RT: 5.651 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

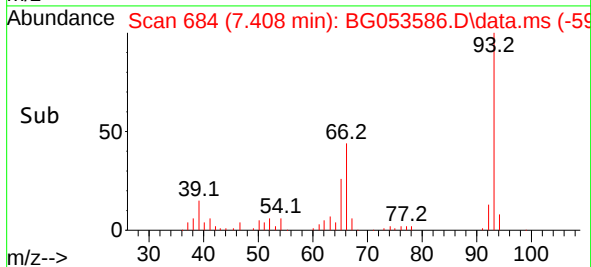
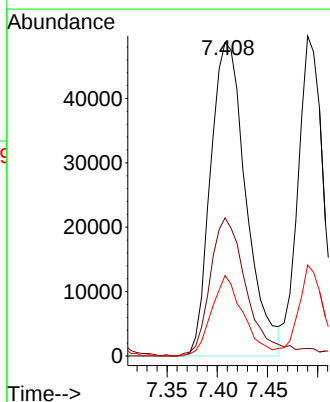
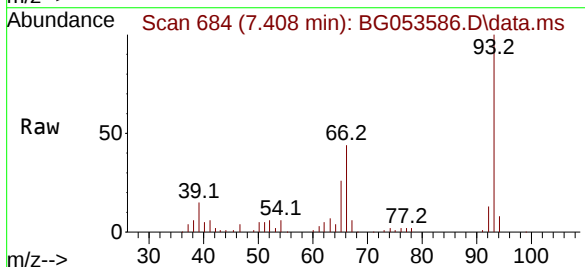
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Tgt Ion:112 Resp: 254343
Ion Ratio Lower Upper
112 100
64 71.9 55.1 82.7
63 43.5 30.4 45.6



#6
Aniline
Concen: 45.930 ng
RT: 7.408 min Scan# 684
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion: 93 Resp: 119928
Ion Ratio Lower Upper
93 100
66 44.0 32.9 49.3
65 25.7 17.8 26.8

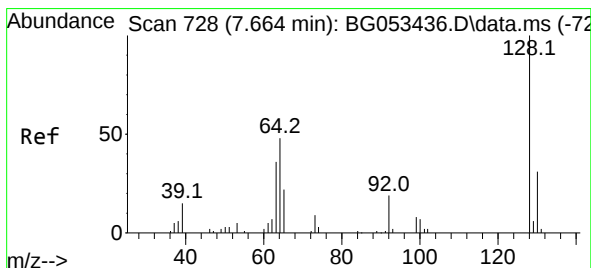
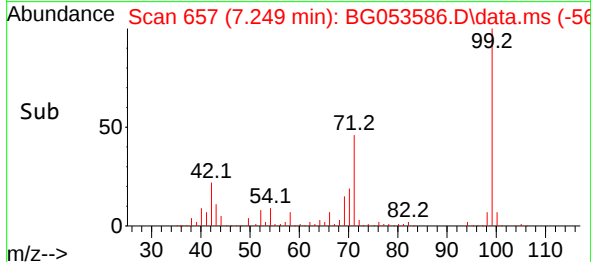
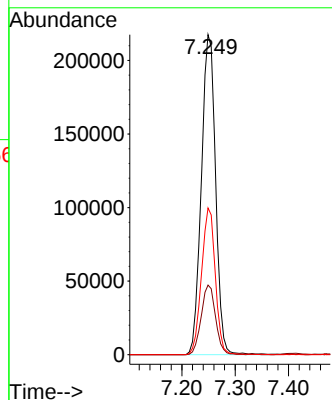
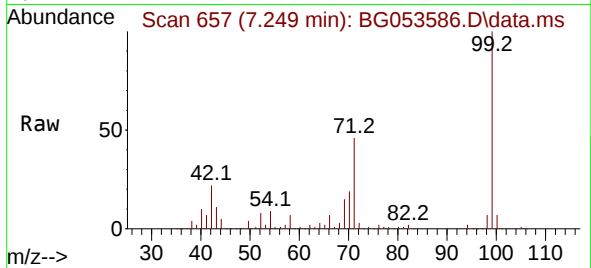




#7
Phenol-d6
Concen: 170.974 ng
RT: 7.249 min Scan# 611
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

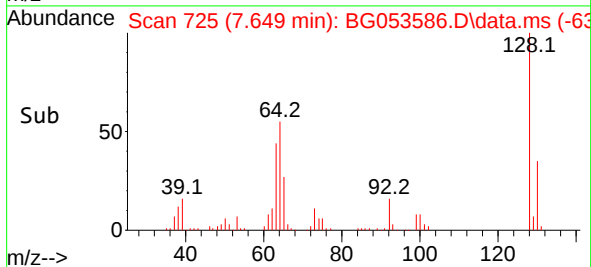
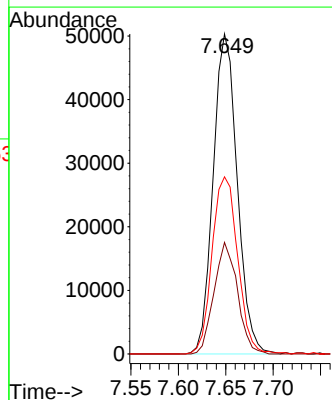
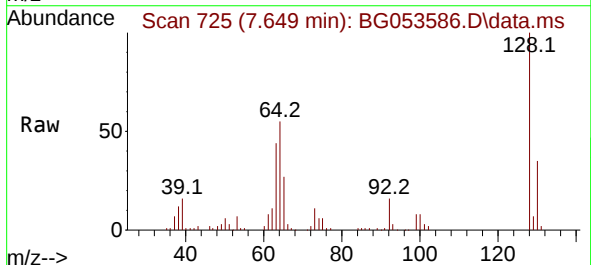
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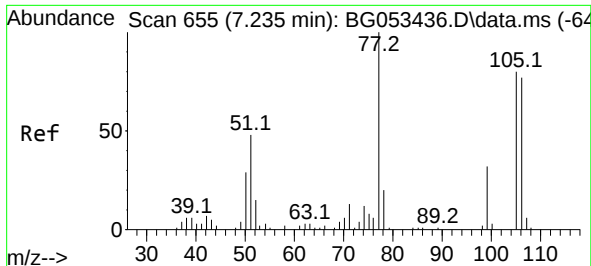
Tgt Ion: 99 Resp: 403070
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 45.9 33.8 50.8



#8
2-Chlorophenol
Concen: 54.729 ng
RT: 7.649 min Scan# 725
Delta R.T. -0.006 min
Lab File: BG053586.D
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Tgt Ion: 128 Resp: 88876
Ion Ratio Lower Upper
128 100
130 34.8 10.5 50.5
64 55.3 35.1 75.1

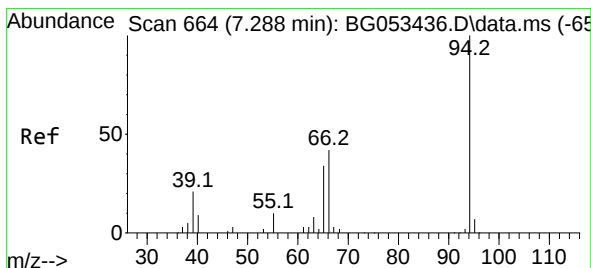
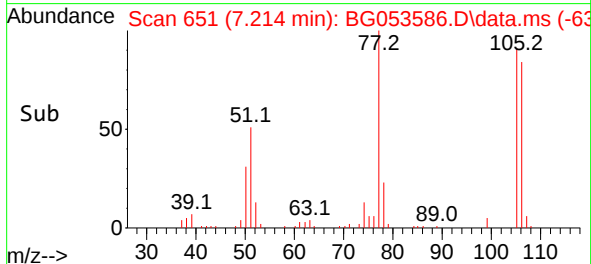
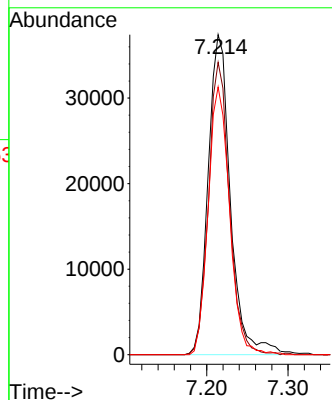
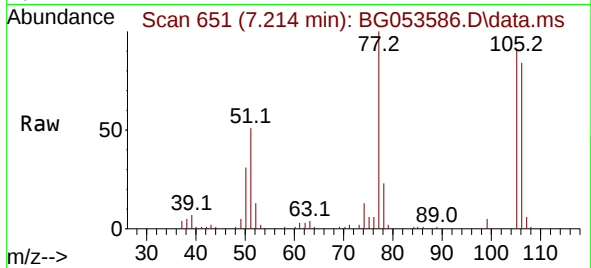




#9
Benzaldehyde
Concen: 47.466 ng
RT: 7.214 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG053586.D
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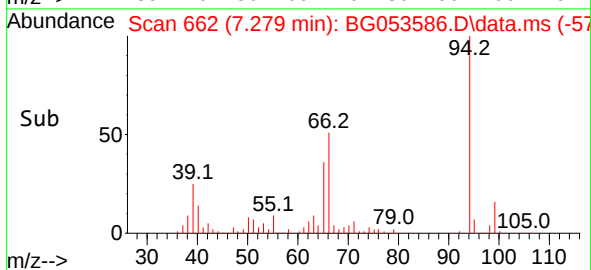
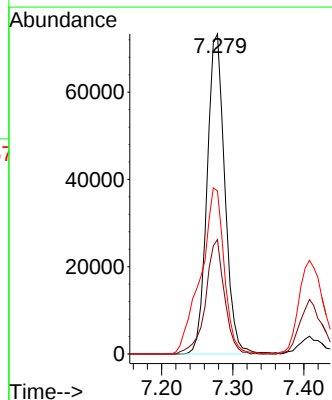
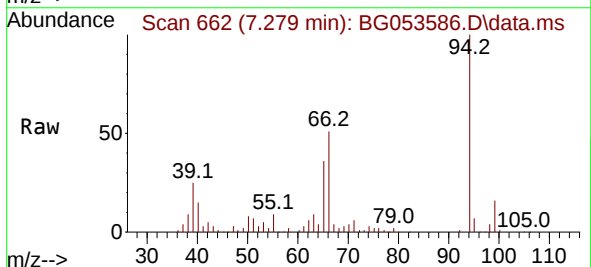
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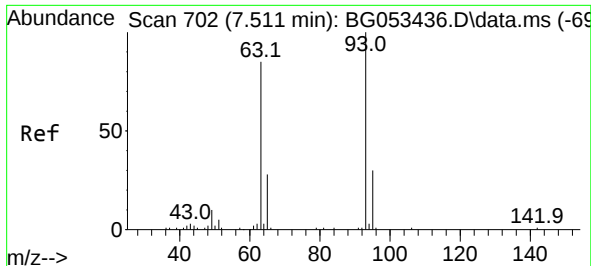
Tgt Ion: 77 Resp: 71089
Ion Ratio Lower Upper
77 100
105 91.3 59.6 99.6
106 83.7 56.8 96.8



#10
Phenol
Concen: 55.134 ng
RT: 7.279 min Scan# 662
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 127123
Ion Ratio Lower Upper
94 100
65 35.7 14.8 54.8
66 51.0 25.2 65.2

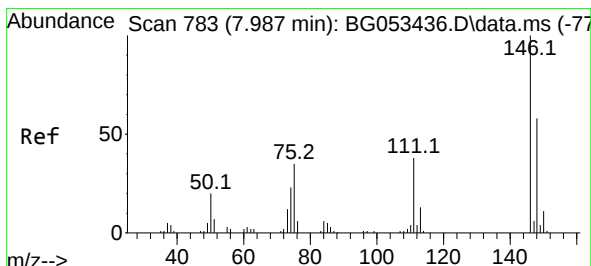
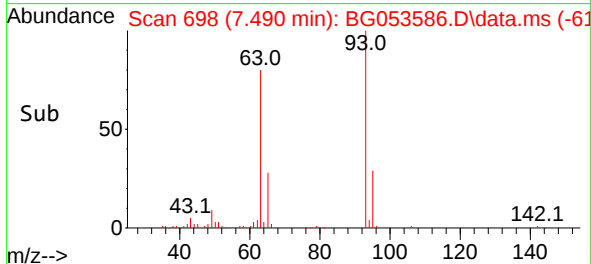
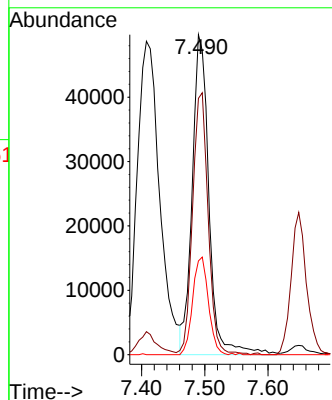
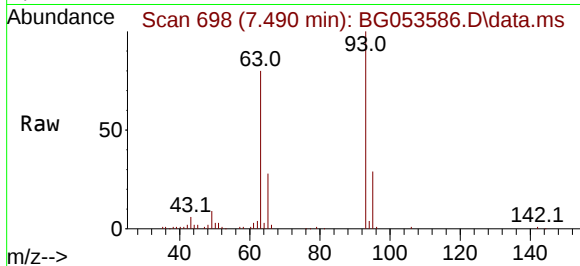




#11
bis(2-Chloroethyl)ether
Concen: 53.143 ng
RT: 7.490 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

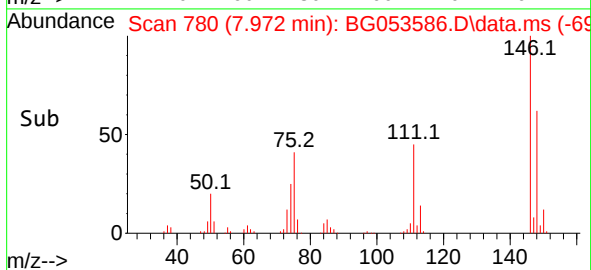
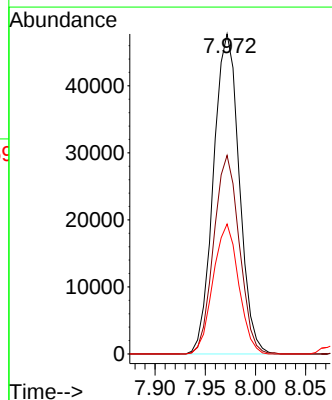
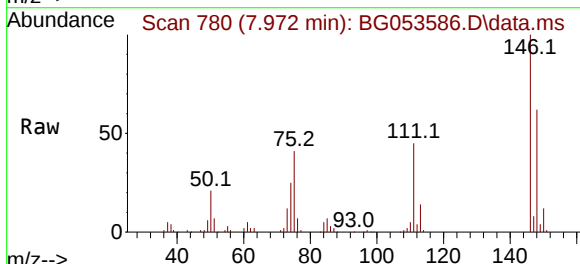
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

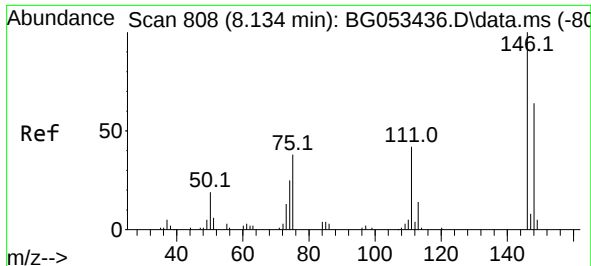
Tgt Ion:	93	Resp:	91385
Ion	Ratio	Lower	Upper
93	100		
63	80.1	63.6	103.6
95	29.3	10.1	50.1



#12
1,3-Dichlorobenzene
Concen: 44.471 ng
RT: 7.972 min Scan# 780
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:	146	Resp:	85196
Ion	Ratio	Lower	Upper
146	100		
148	62.1	46.1	69.1
75	40.6	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 45.098 ng

RT: 8.113 min Scan# 80

Delta R.T. -0.012 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD

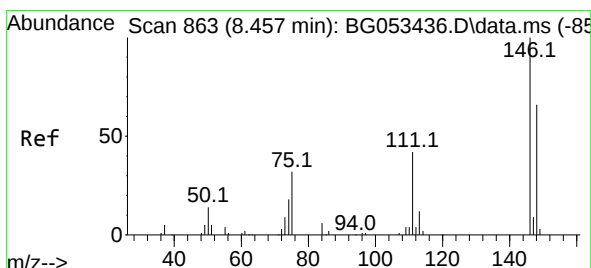
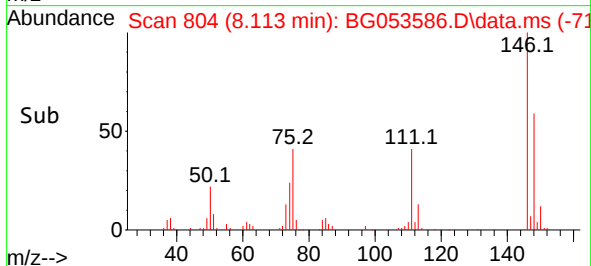
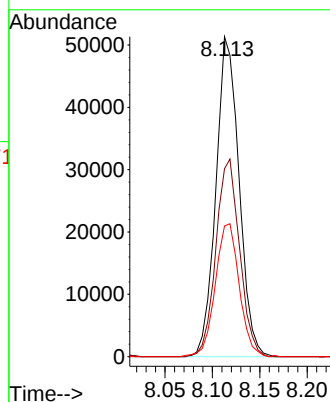
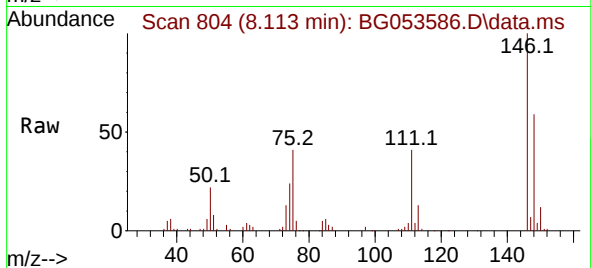
Tgt Ion:146 Resp: 87183

Ion Ratio Lower Upper

146 100

148 58.7 51.5 77.3

111 40.8 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 49.223 ng

RT: 8.436 min Scan# 859

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

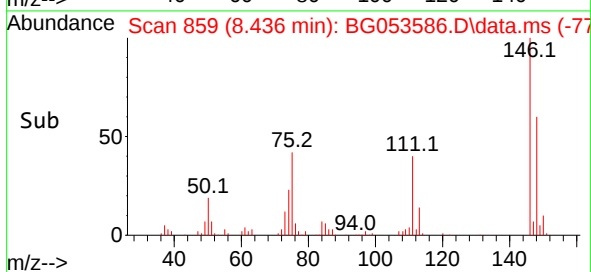
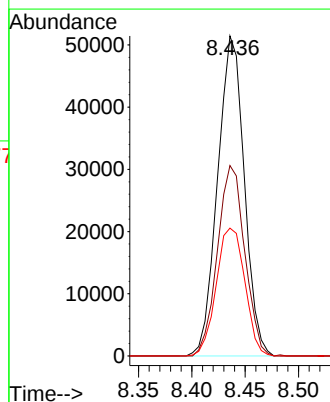
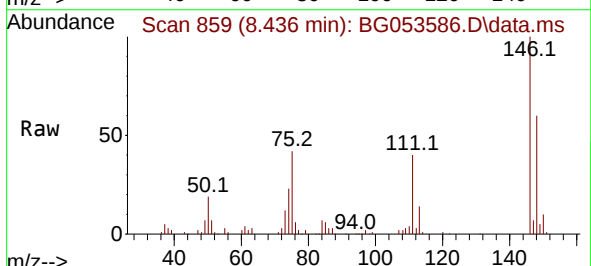
Tgt Ion:146 Resp: 89357

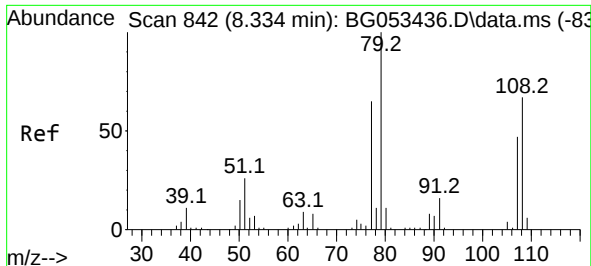
Ion Ratio Lower Upper

146 100

148 59.5 52.6 78.8

111 39.9 34.5 51.7

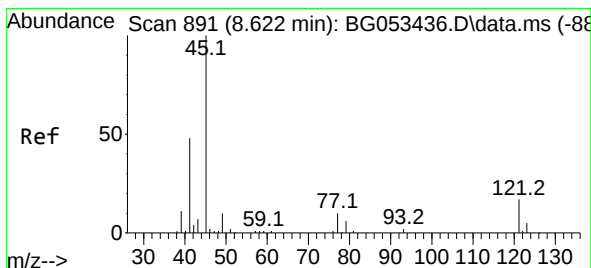
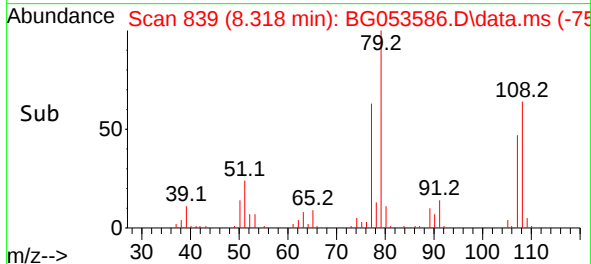
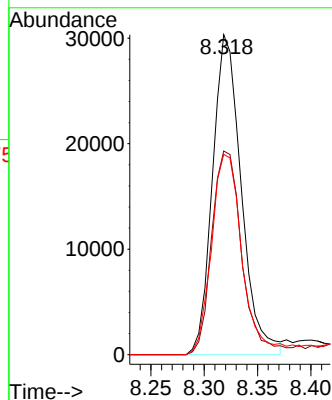
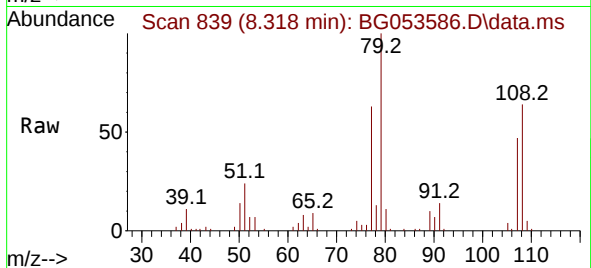




#15
Benzyl Alcohol
Concen: 28.861 ng
RT: 8.318 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

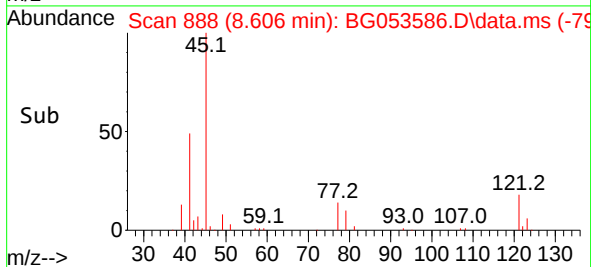
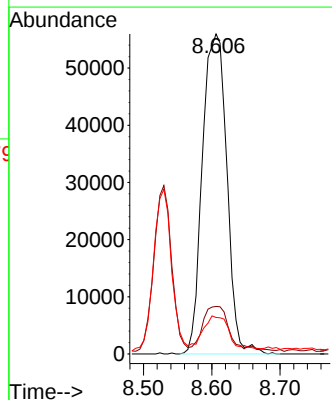
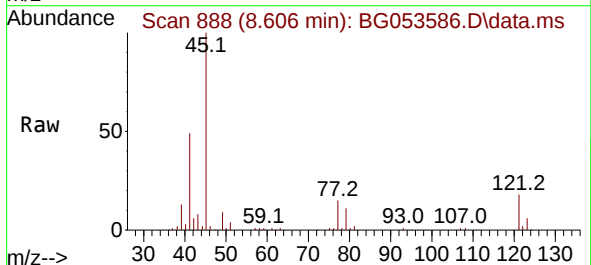
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

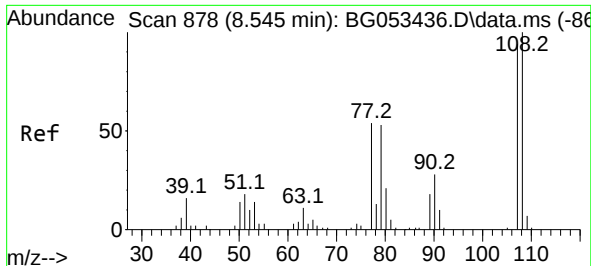
Tgt Ion: 79 Resp: 56883
Ion Ratio Lower Upper
79 100
108 63.7 53.7 80.5
77 62.6 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.858 ng
RT: 8.606 min Scan# 888
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion: 45 Resp: 139542
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.7
79 11.4 0.0 29.7

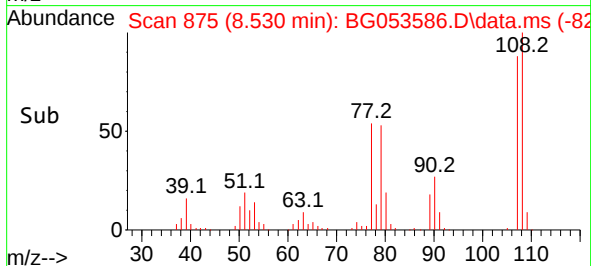
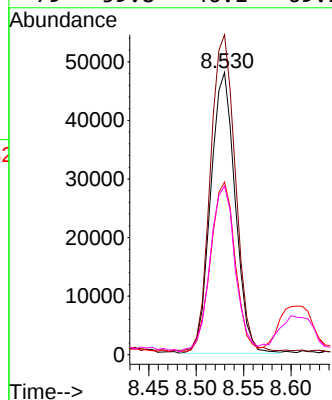
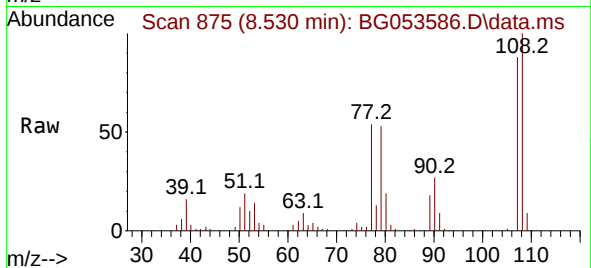




#17
2-Methylphenol
Concen: 55.380 ng
RT: 8.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

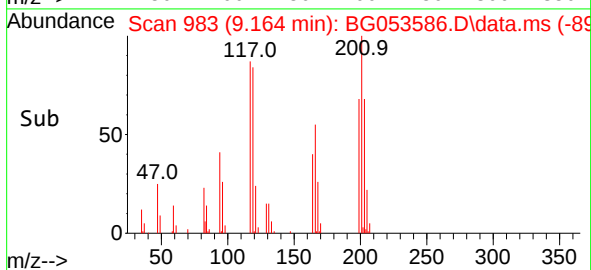
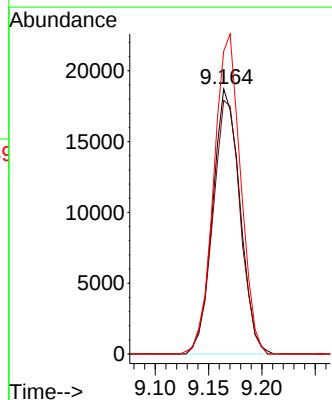
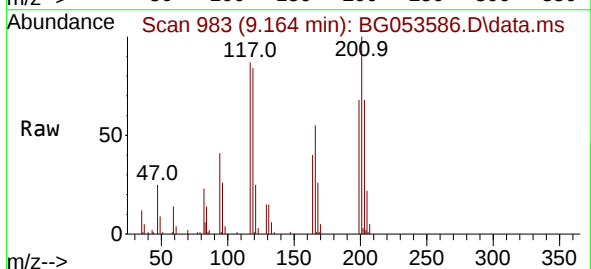
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

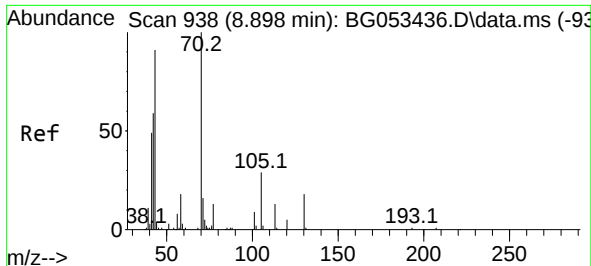
Tgt Ion:	107	Resp:	86305
Ion	Ratio	Lower	Upper
107	100		
108	113.4	85.4	128.0
77	61.2	46.2	69.2
79	59.8	46.1	69.1



#18
Hexachloroethane
Concen: 45.195 ng
RT: 9.164 min Scan# 983
Delta R.T. -0.012 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:	117	Resp:	33179
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.0	112.6
201	114.3	89.0	133.6

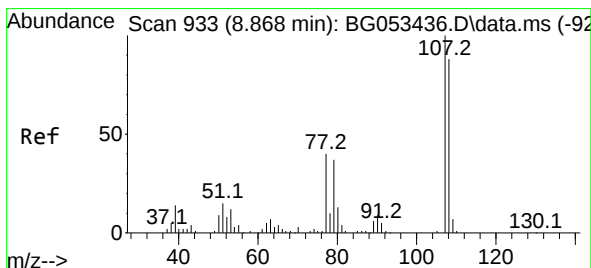
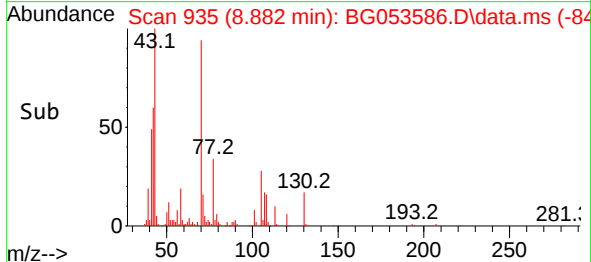
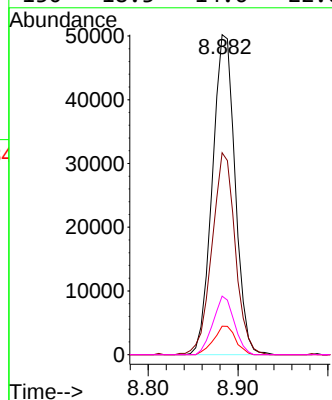
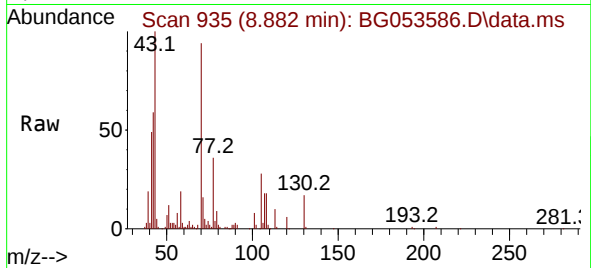




#19
n-Nitroso-di-n-propylamine
Concen: 52.149 ng
RT: 8.882 min Scan# 911
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

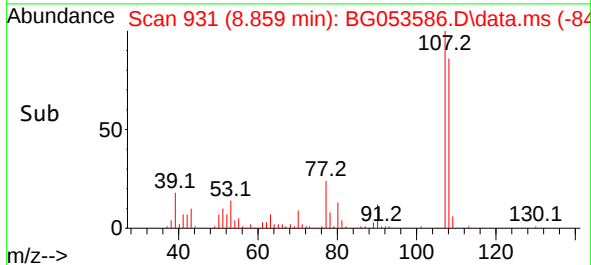
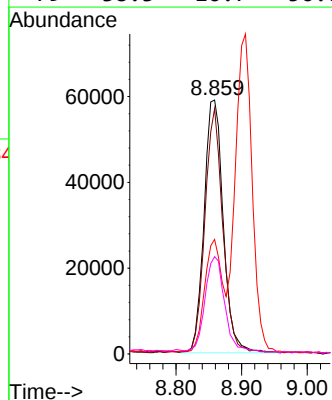
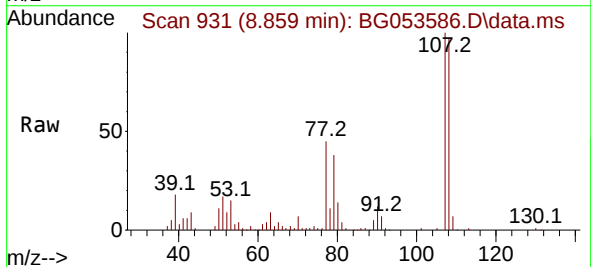
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

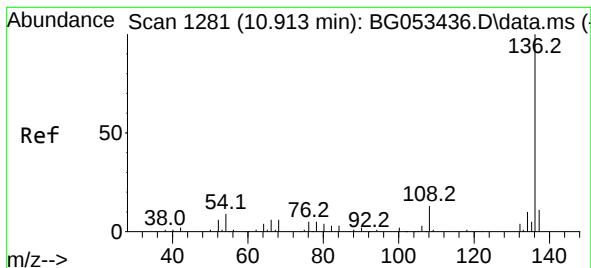
Tgt Ion:	70	Resp:	88209
Ion	Ratio	Lower	Upper
70	100		
42	63.1	47.3	70.9
101	8.9	7.0	10.4
130	18.3	14.6	22.0



#20
3+4-Methylphenols
Concen: 54.501 ng
RT: 8.859 min Scan# 931
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:	107	Resp:	119954
Ion	Ratio	Lower	Upper
107	100		
108	96.6	67.5	107.5
77	45.1	20.3	60.3
79	38.3	16.7	56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.891 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG053586.D

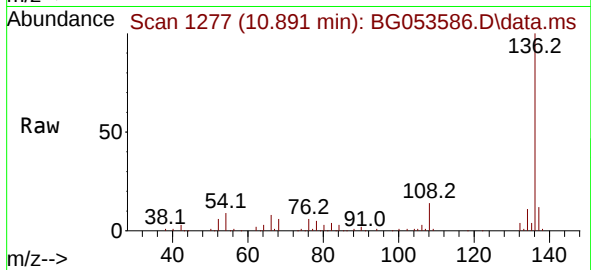
Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD



Tgt Ion:136 Resp: 123334

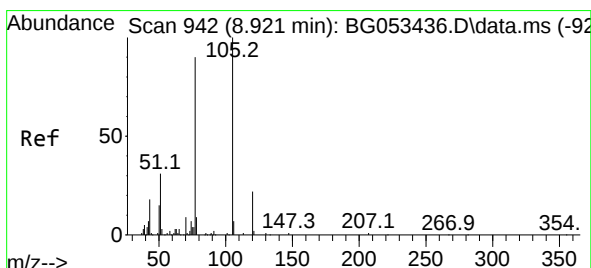
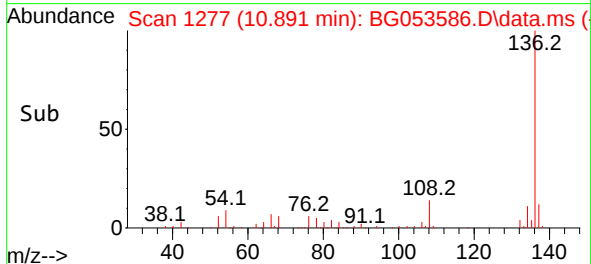
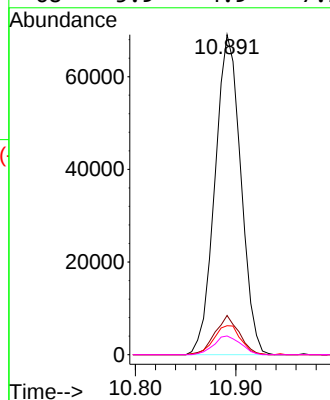
Ion Ratio Lower Upper

136 100

137 12.2 8.5 12.7

54 9.1 7.4 11.2

68 5.9 4.9 7.3



#22

Acetophenone

Concen: 43.687 ng

RT: 8.906 min Scan# 939

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

Tgt Ion:105 Resp: 147464

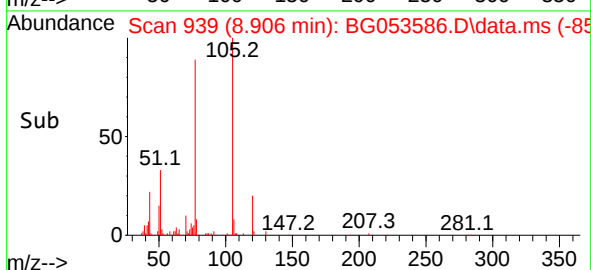
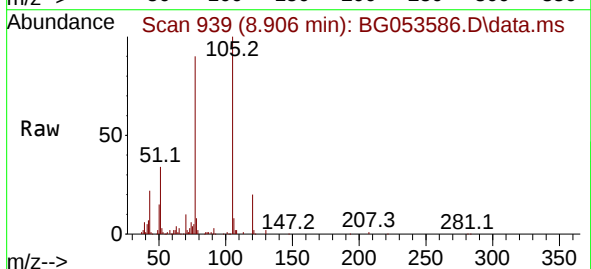
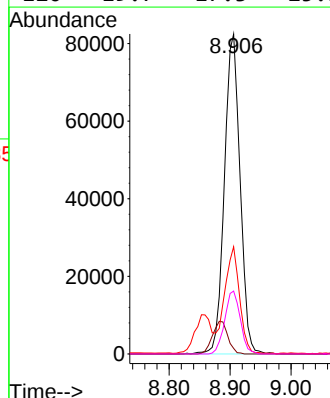
Ion Ratio Lower Upper

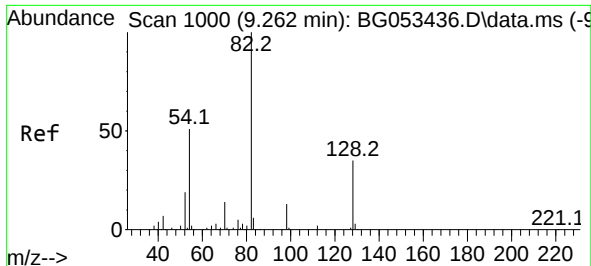
105 100

71 1.7 1.1 1.7#

51 33.5 25.4 38.0

120 19.7 17.3 25.9





#23

Nitrobenzene-d5

Concen: 96.553 ng

RT: 9.246 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD

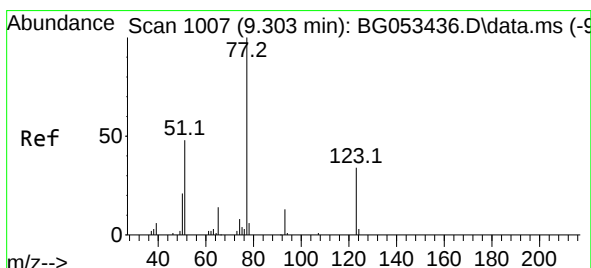
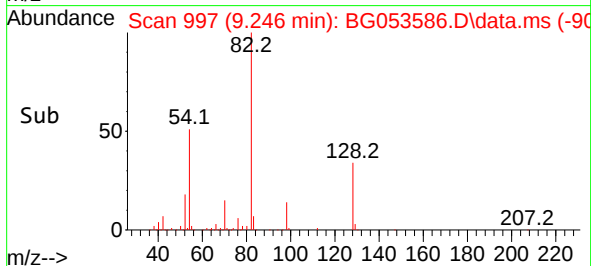
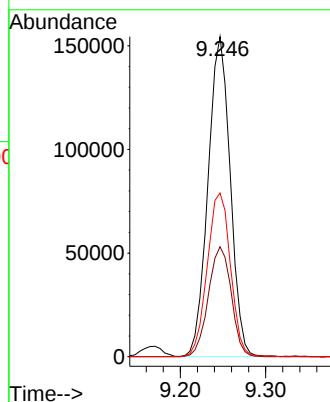
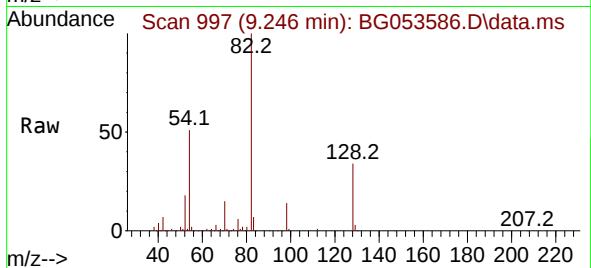
Tgt Ion: 82 Resp: 279745

Ion Ratio Lower Upper

82 100

128 34.4 27.9 41.9

54 51.2 41.2 61.8



#24

Nitrobenzene

Concen: 46.385 ng

RT: 9.288 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

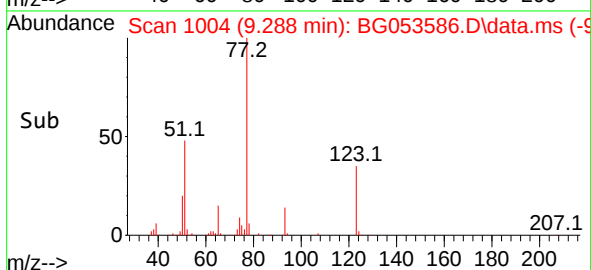
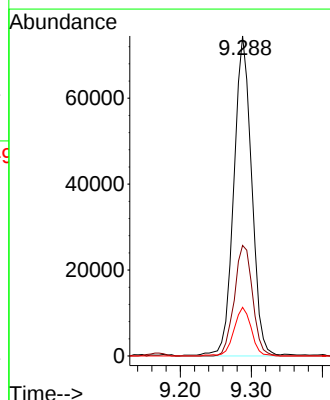
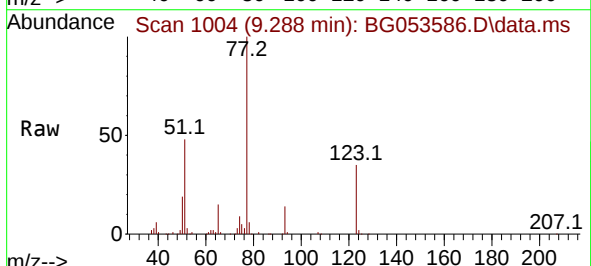
Tgt Ion: 77 Resp: 130075

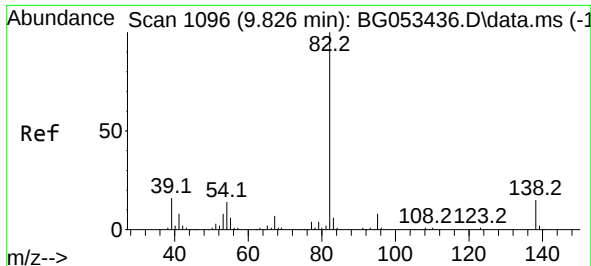
Ion Ratio Lower Upper

77 100

123 34.5 27.4 41.0

65 15.2 11.4 17.0

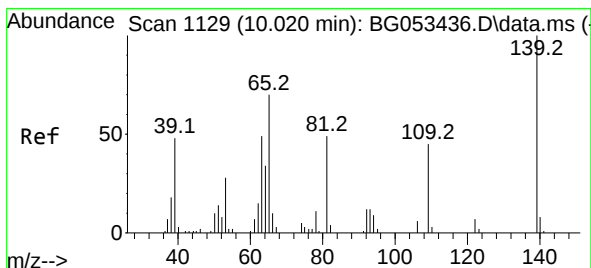
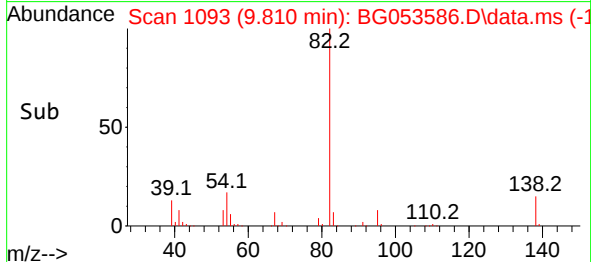
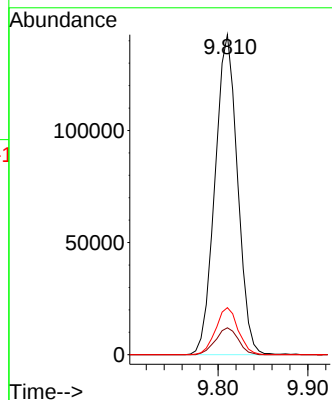
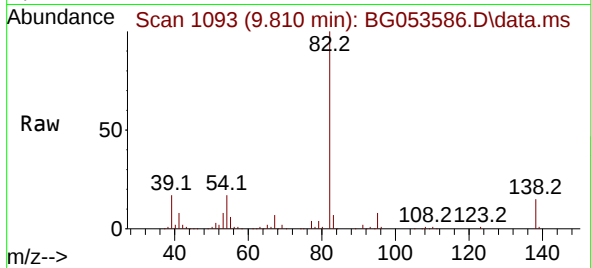




#25
Isophorone
Concen: 50.888 ng
RT: 9.810 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

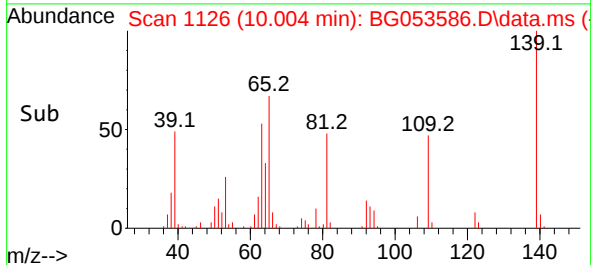
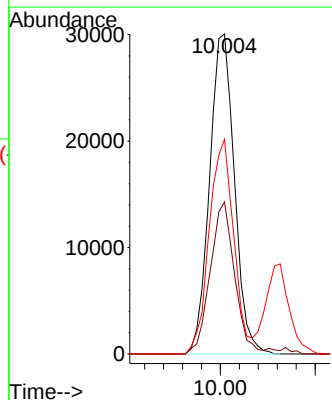
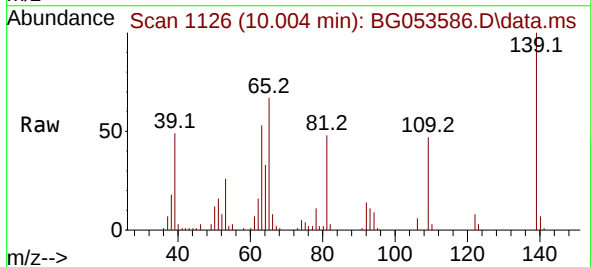
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

Tgt Ion: 82 Resp: 248132
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.4
138 14.7 11.6 17.4



#26
2-Nitrophenol
Concen: 48.170 ng
RT: 10.004 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion: 139 Resp: 54710
Ion Ratio Lower Upper
139 100
109 47.5 36.1 54.1
65 67.1 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 55.397 ng

RT: 10.063 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD

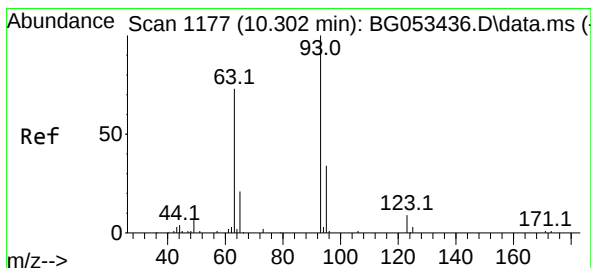
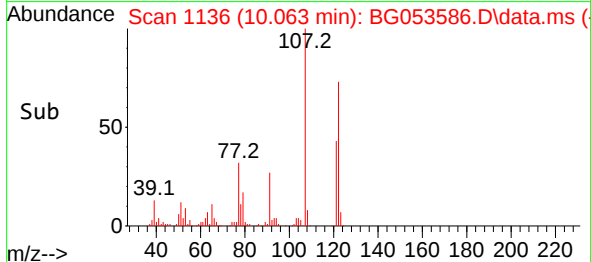
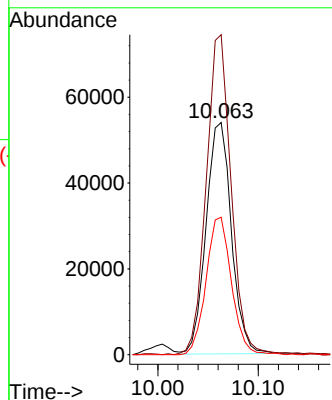
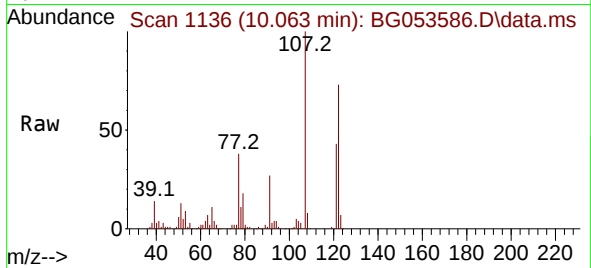
Tgt Ion:122 Resp: 94688

Ion Ratio Lower Upper

122 100

107 137.9 109.4 164.0

121 59.2 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 46.538 ng

RT: 10.286 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

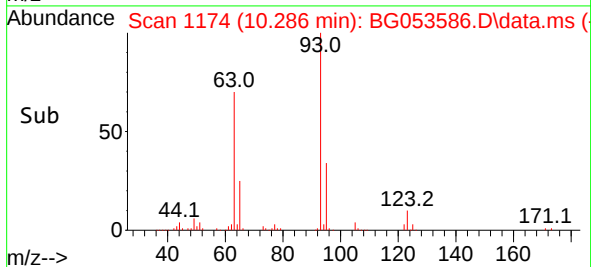
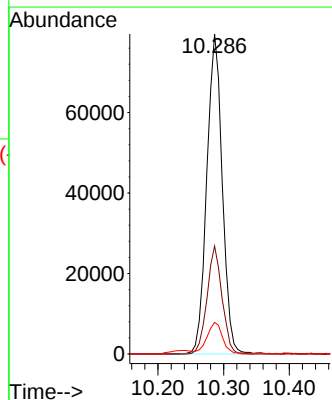
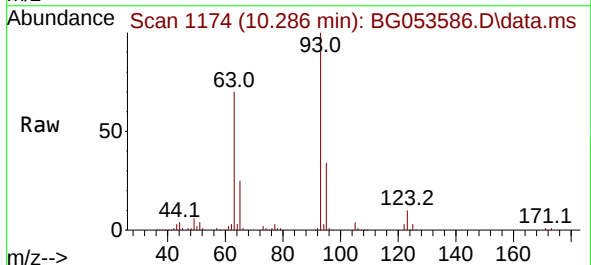
Tgt Ion: 93 Resp: 130510

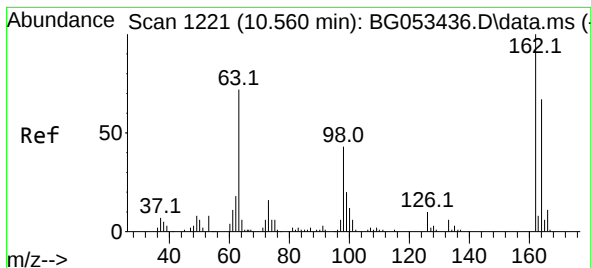
Ion Ratio Lower Upper

93 100

95 33.7 26.9 40.3

123 9.8 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 52.201 ng

RT: 10.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD

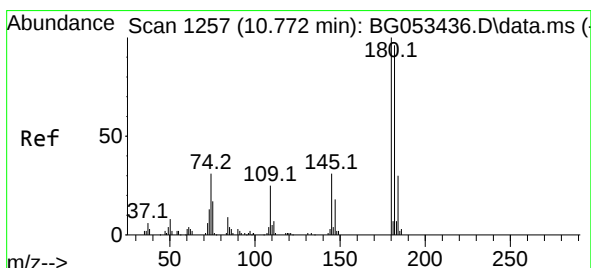
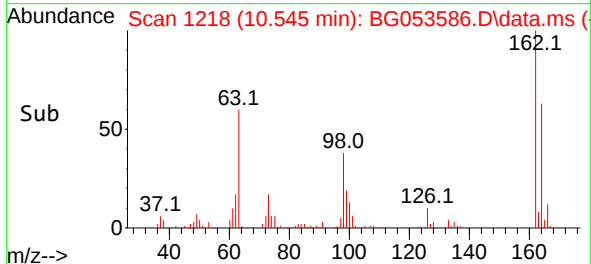
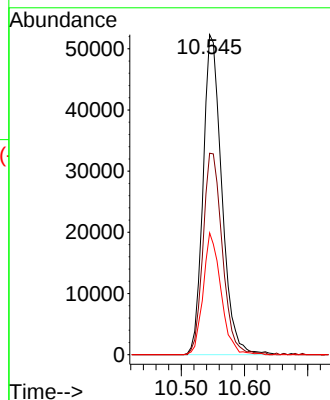
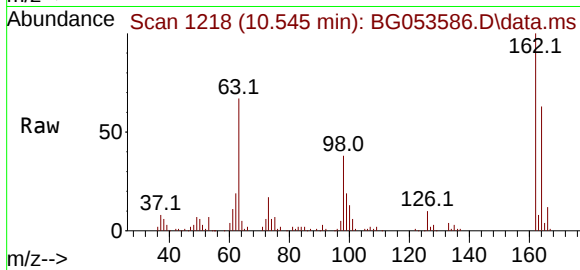
Tgt Ion:162 Resp: 107686

Ion Ratio Lower Upper

162 100

164 62.9 46.6 86.6

98 38.1 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 44.846 ng

RT: 10.756 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

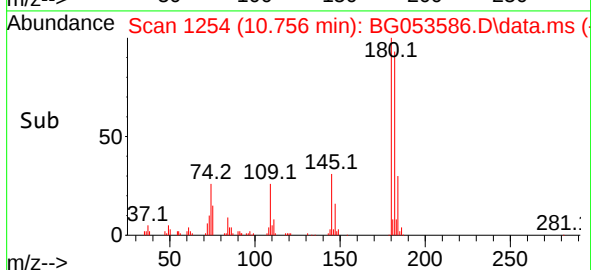
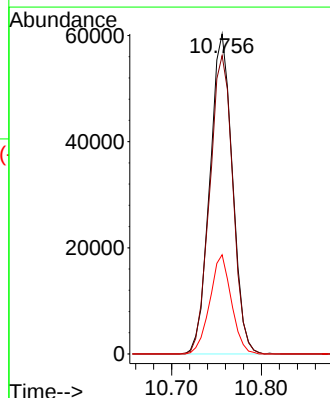
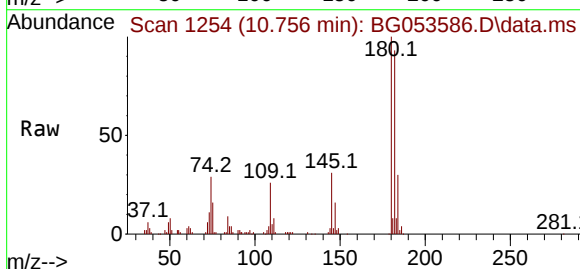
Tgt Ion:180 Resp: 105112

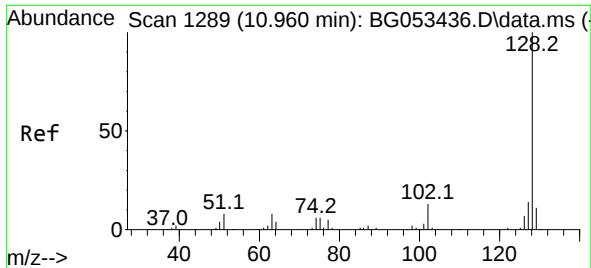
Ion Ratio Lower Upper

180 100

182 93.2 76.6 115.0

145 31.0 25.0 37.4

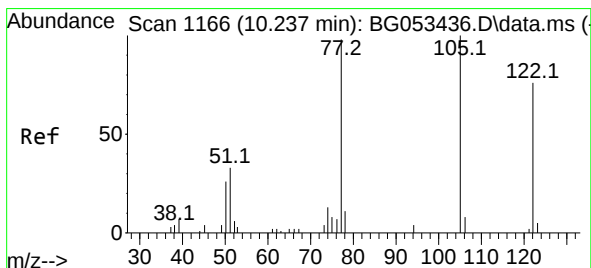
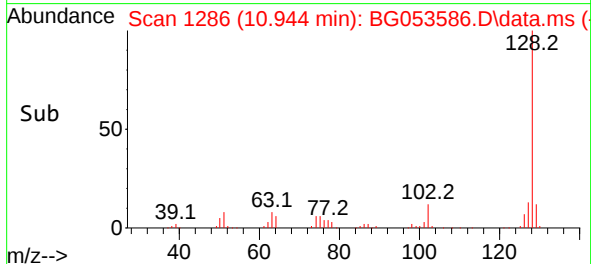
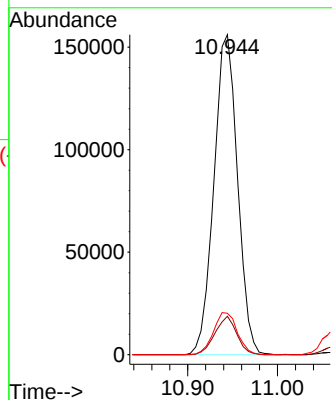
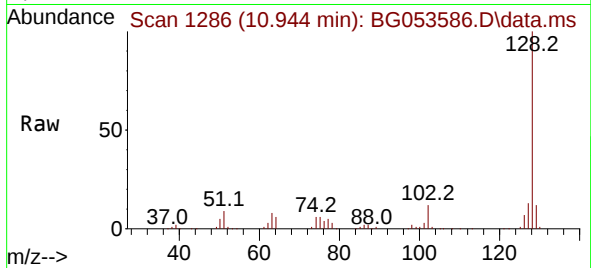




#31
Naphthalene
Concen: 45.408 ng
RT: 10.944 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

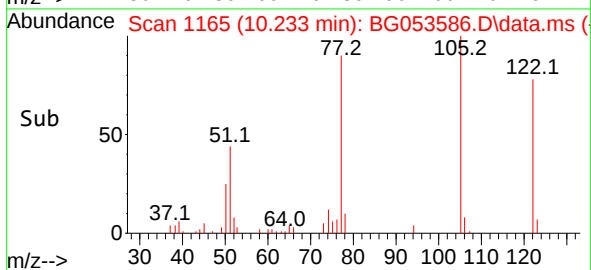
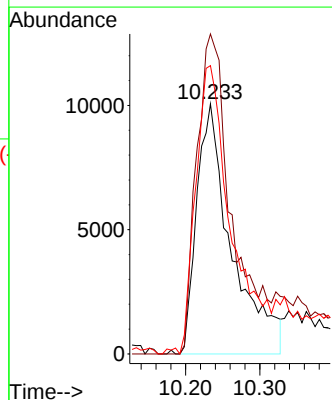
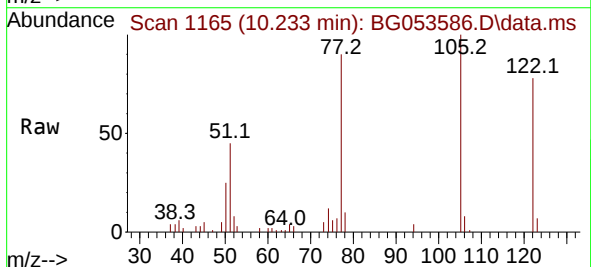
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

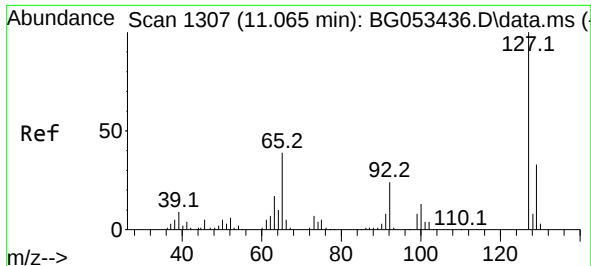
Tgt Ion:128 Resp: 284875
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 12.9 11.1 16.7



#32
Benzoic acid
Concen: 33.704 ng
RT: 10.233 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:122 Resp: 32730
Ion Ratio Lower Upper
122 100
105 127.9 111.8 151.8
77 115.2 109.4 149.4





#33

4-Chloroaniline

Concen: 10.738 ng

RT: 11.068 min Scan# 11

Delta R.T. 0.012 min

Lab File: BG053586.D

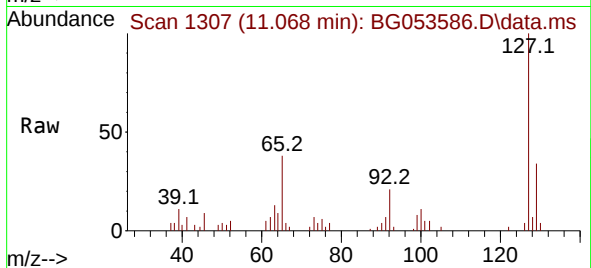
Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD



Tgt Ion:127 Resp: 28212

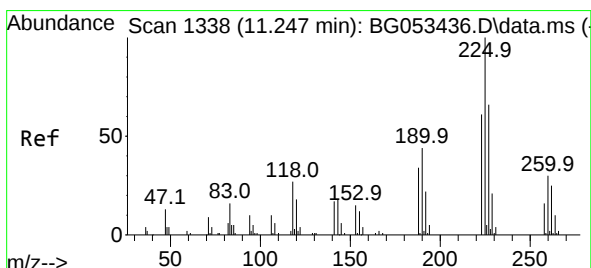
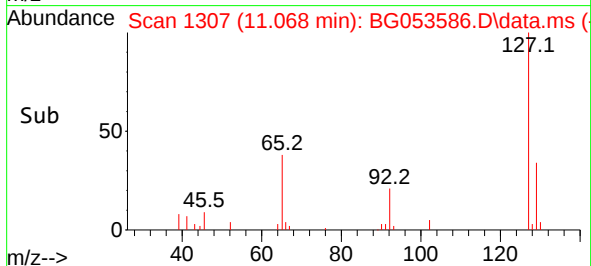
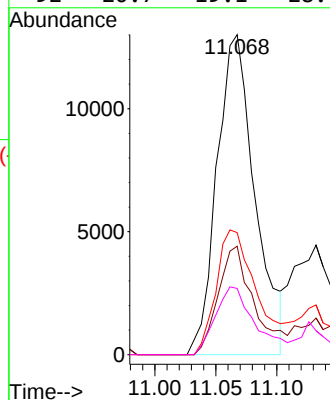
Ion Ratio Lower Upper

127 100

129 33.9 26.3 39.5

65 38.2 31.1 46.7

92 20.7 19.1 28.7



#34

Hexachlorobutadiene

Concen: 43.927 ng

RT: 11.226 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

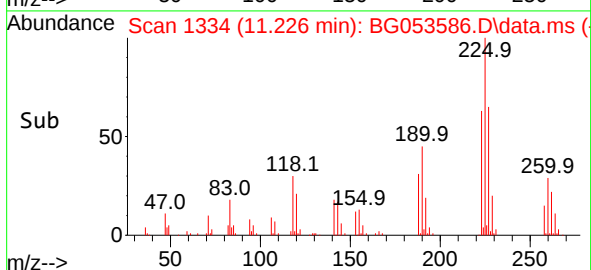
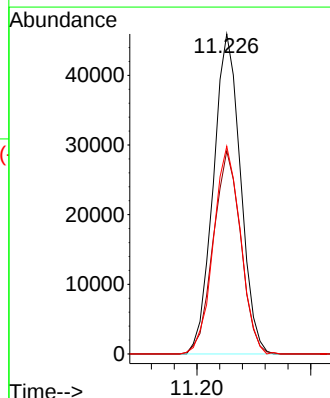
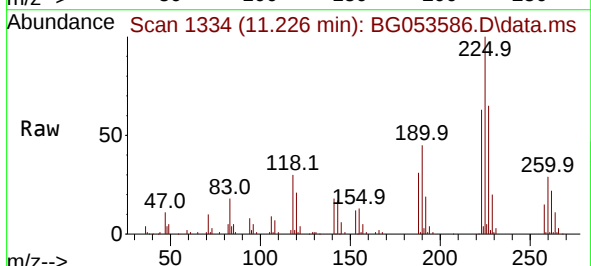
Tgt Ion:225 Resp: 76346

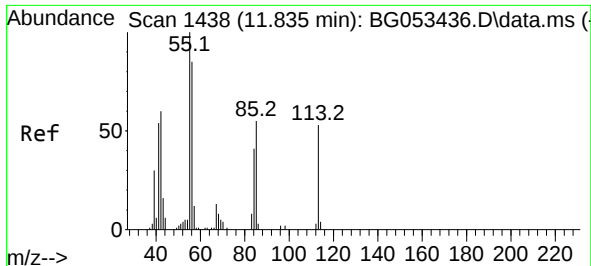
Ion Ratio Lower Upper

225 100

223 63.5 48.9 73.3

227 64.9 52.8 79.2

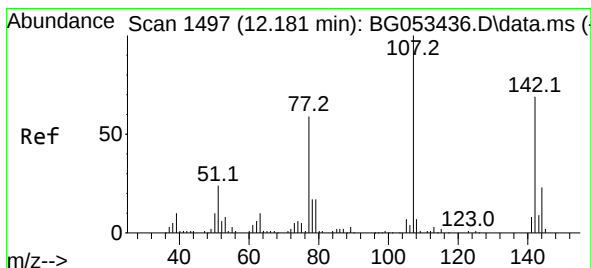
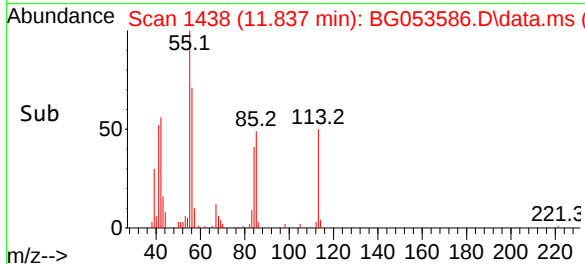
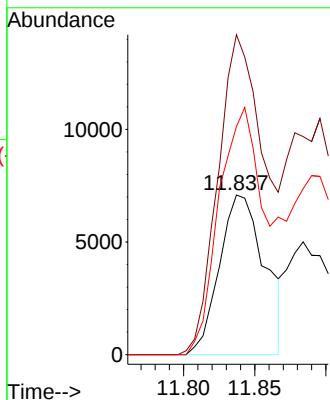
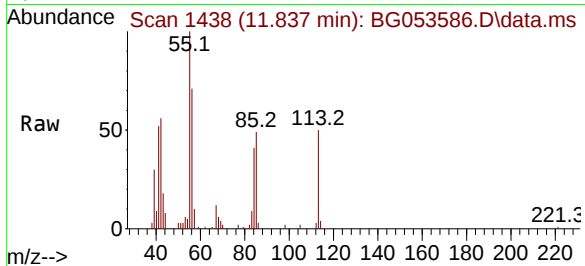




#35
Caprolactam
Concen: 20.931 ng
RT: 11.837 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

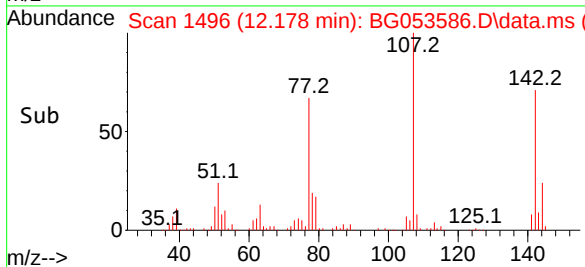
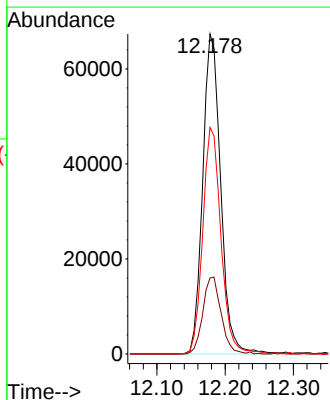
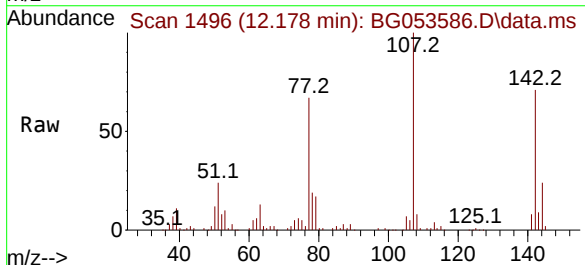
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

Tgt Ion:113 Resp: 15691
Ion Ratio Lower Upper
113 100
55 200.4 169.8 209.8
56 142.8 141.2 181.2



#36
4-Chloro-3-methylphenol
Concen: 50.082 ng
RT: 12.178 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:107 Resp: 123582
Ion Ratio Lower Upper
107 100
144 23.8 18.5 27.7
142 70.8 55.0 82.4





#37

2-Methylnaphthalene

Concen: 46.663 ng

RT: 12.542 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD

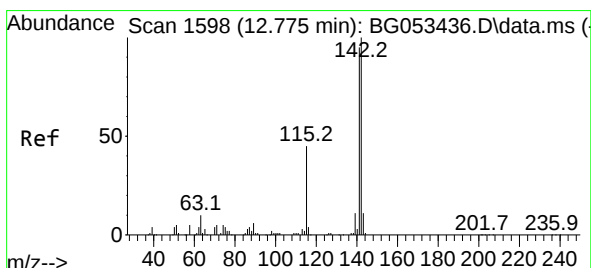
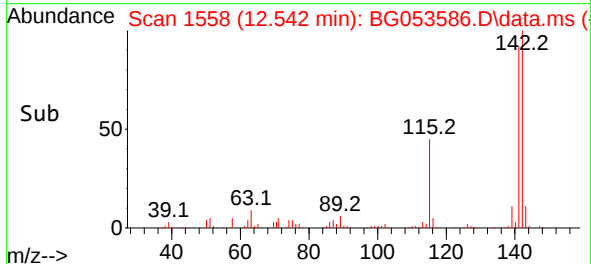
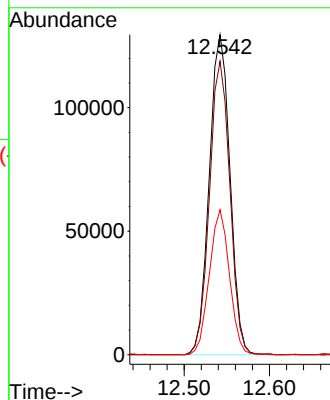
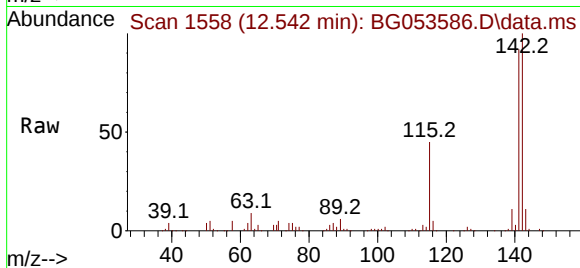
Tgt Ion:142 Resp: 218470

Ion Ratio Lower Upper

142 100

141 91.7 72.3 108.5

115 45.3 33.7 50.5



#38

1-Methylnaphthalene

Concen: 47.827 ng

RT: 12.542 min Scan# 1558

Delta R.T. -0.223 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

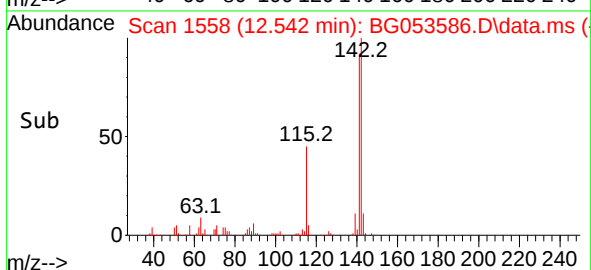
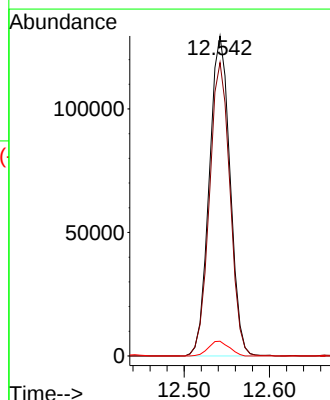
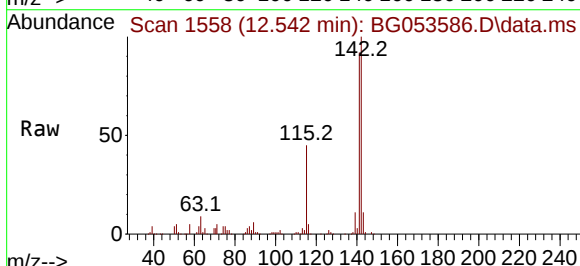
Tgt Ion:142 Resp: 218470

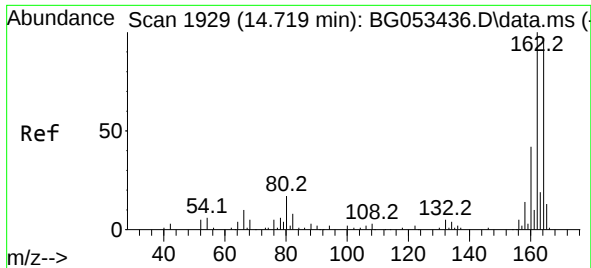
Ion Ratio Lower Upper

142 100

141 91.7 76.4 114.6

116 4.6 3.3 4.9

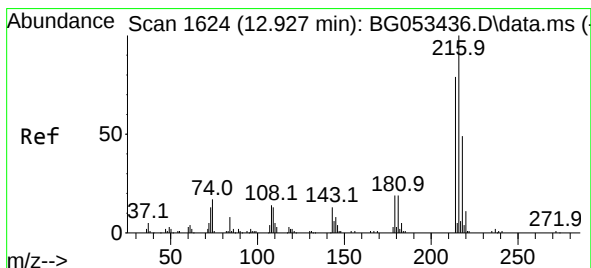
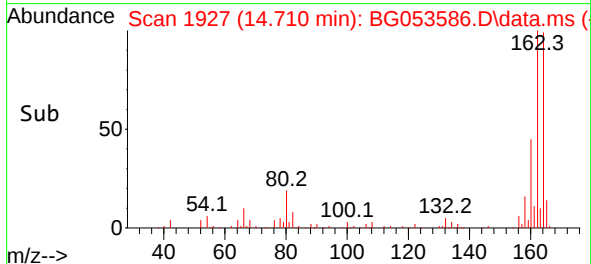
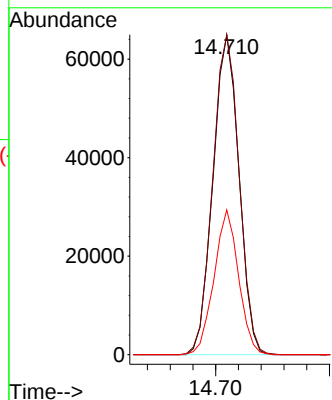
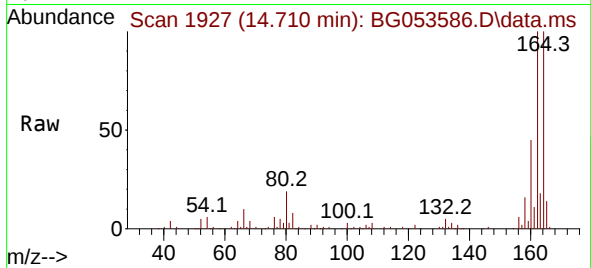




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

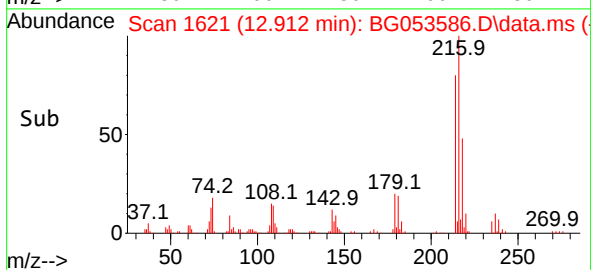
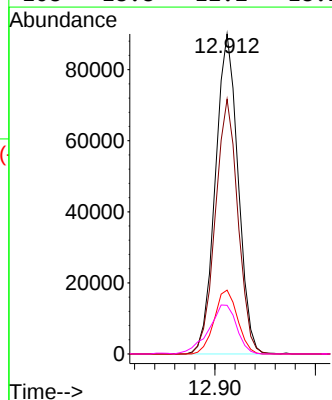
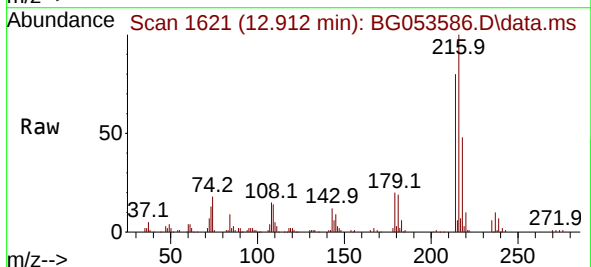
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

Tgt Ion:164 Resp: 102763
Ion Ratio Lower Upper
164 100
162 100.2 82.3 123.5
160 45.4 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.628 ng
RT: 12.912 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:216 Resp: 141322
Ion Ratio Lower Upper
216 100
214 79.1 62.9 94.3
179 20.4 16.1 24.1
108 18.8 12.2 18.2#

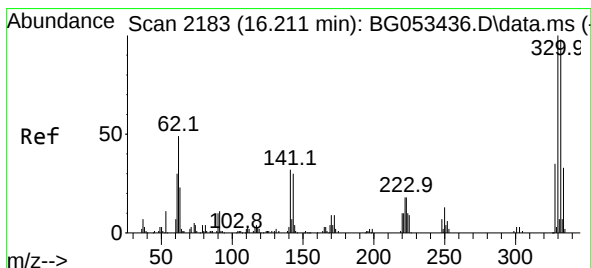
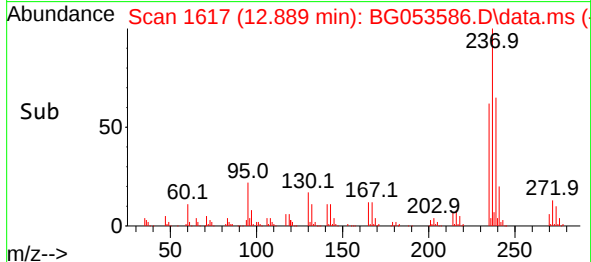
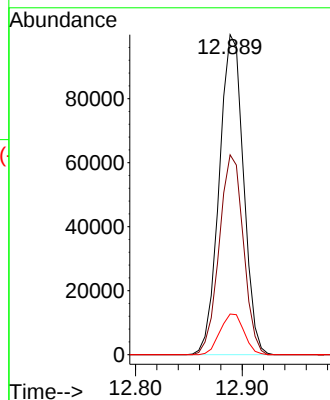
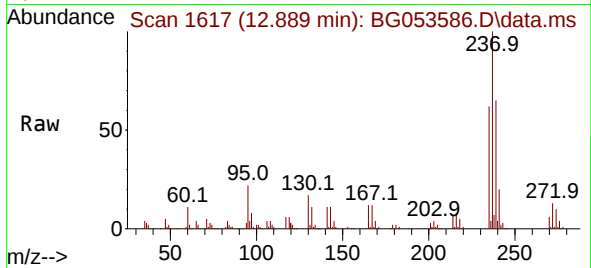




#41
Hexachlorocyclopentadiene
Concen: 115.158 ng
RT: 12.889 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

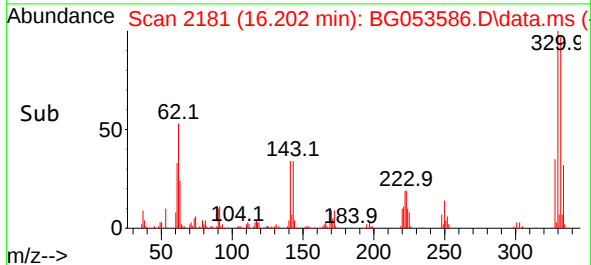
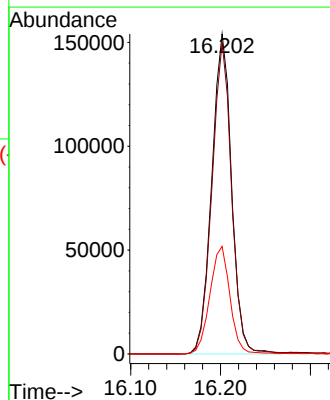
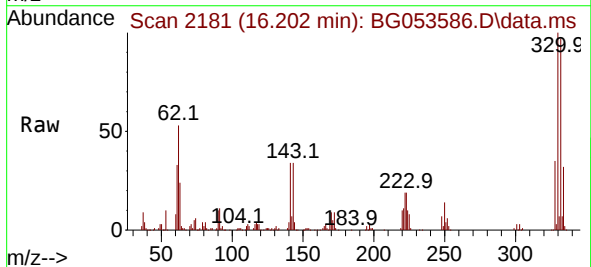
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

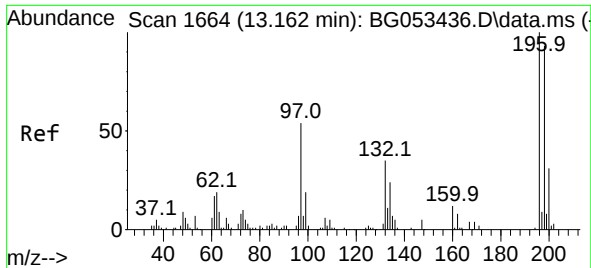
Tgt Ion:237 Resp: 157700
Ion Ratio Lower Upper
237 100
235 62.4 43.5 83.5
272 12.7 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 155.900 ng
RT: 16.202 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:330 Resp: 236287
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 34.3 27.1 40.7

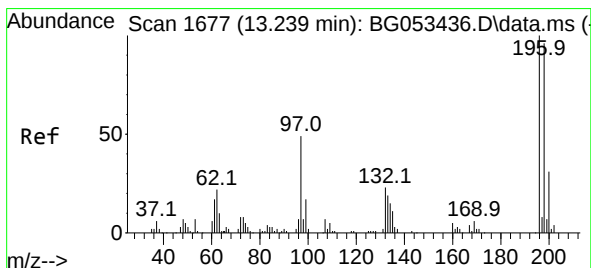
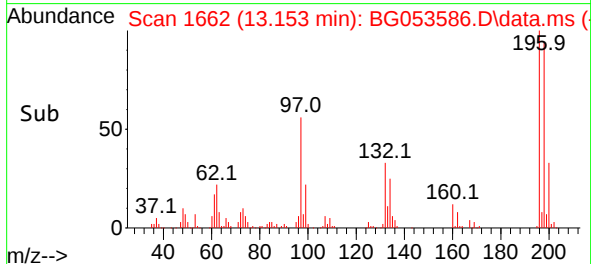
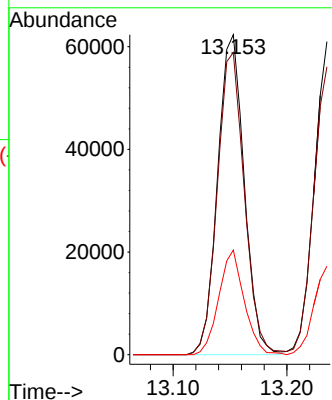
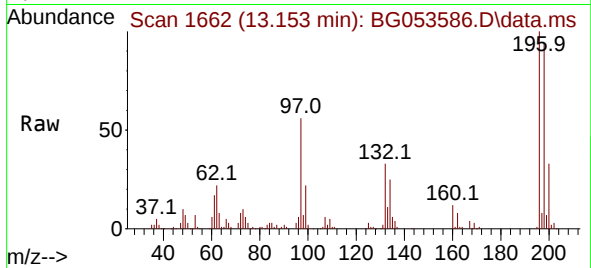




#43
2,4,6-Trichlorophenol
Concen: 47.880 ng
RT: 13.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

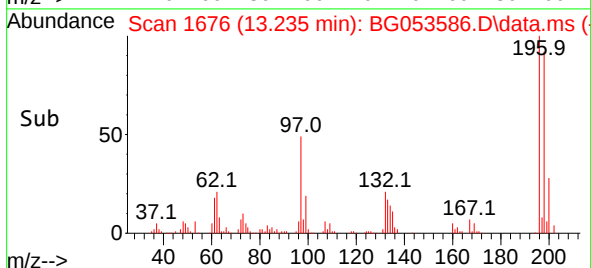
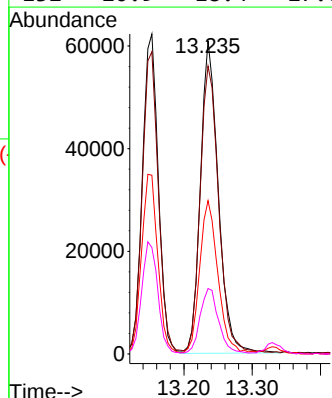
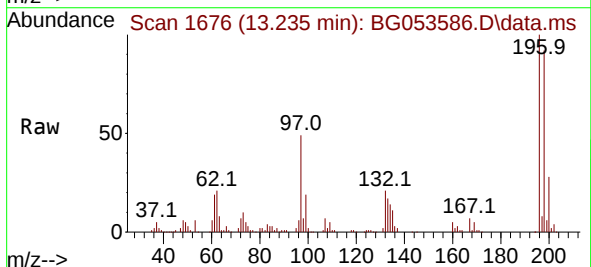
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

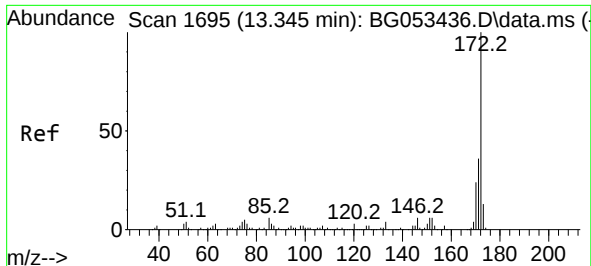
Tgt Ion:196 Resp: 101237
Ion Ratio Lower Upper
196 100
198 94.4 74.1 111.1
200 32.7 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 49.327 ng
RT: 13.235 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:196 Resp: 111003
Ion Ratio Lower Upper
196 100
198 91.9 76.8 115.2
97 48.9 39.8 59.6
132 20.9 18.4 27.6

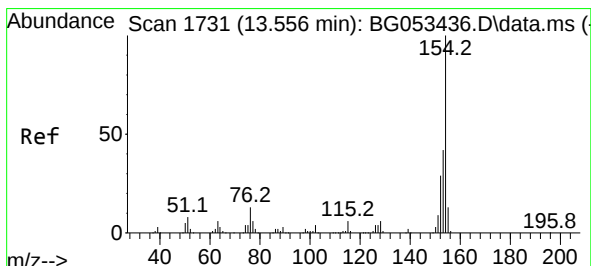
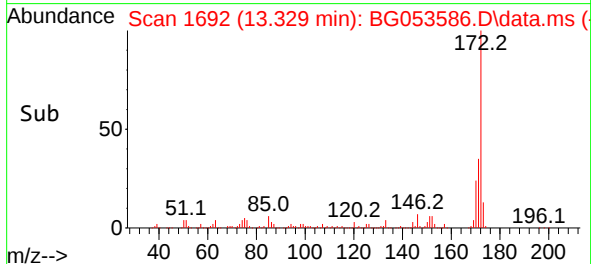
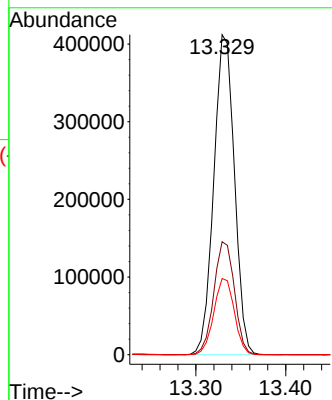
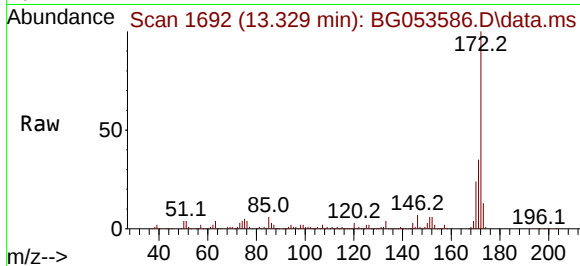




#45
2-Fluorobiphenyl
Concen: 93.399 ng
RT: 13.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

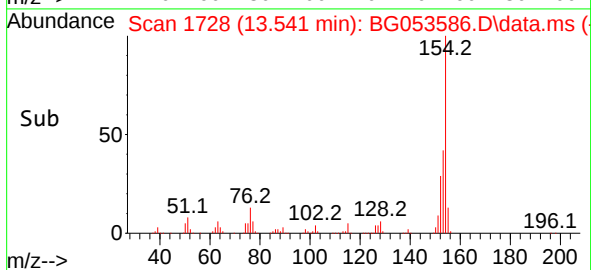
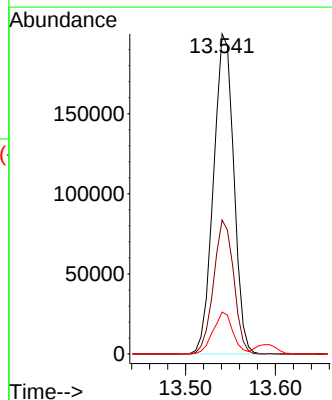
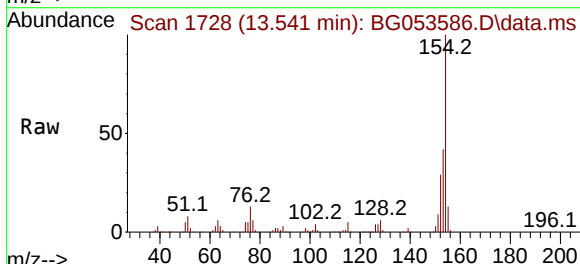
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

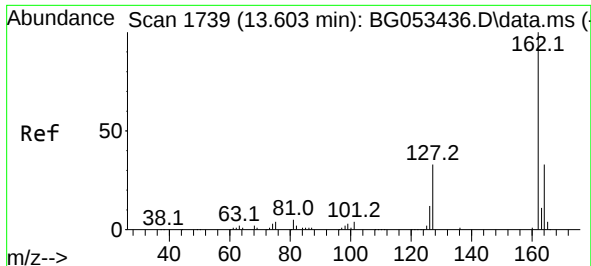
Tgt Ion:172 Resp: 656817
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 44.744 ng
RT: 13.541 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:154 Resp: 313420
Ion Ratio Lower Upper
154 100
153 41.9 21.6 61.6
76 13.1 0.0 32.6





#47

2-Chloronaphthalene

Concen: 44.696 ng

RT: 13.588 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053586.D

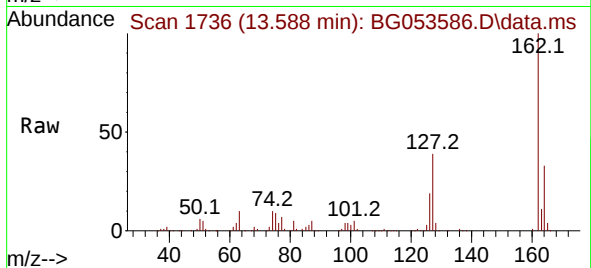
Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD



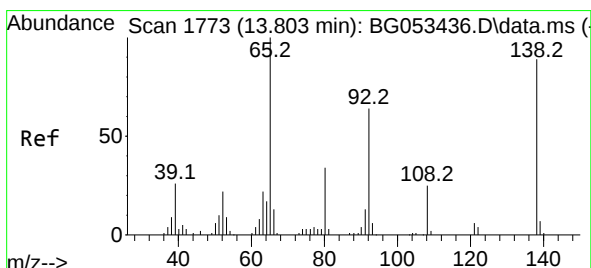
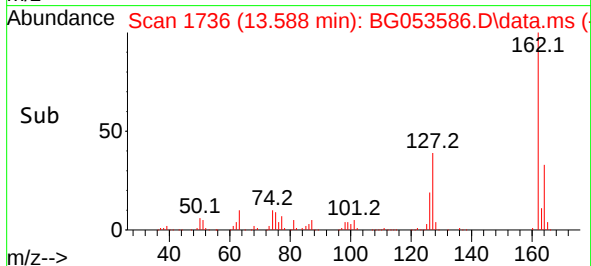
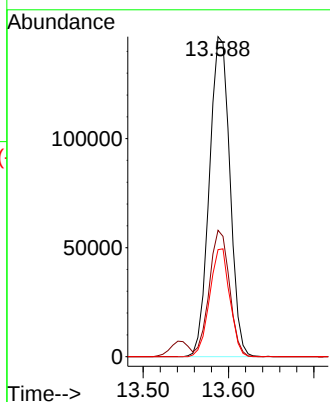
Tgt Ion:162 Resp: 245293

Ion Ratio Lower Upper

162 100

127 39.5 30.6 45.8

164 33.4 26.5 39.7



#48

2-Nitroaniline

Concen: 49.125 ng

RT: 13.793 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

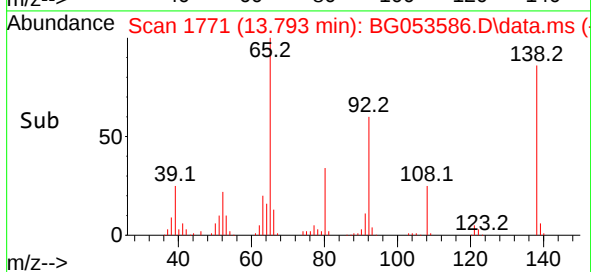
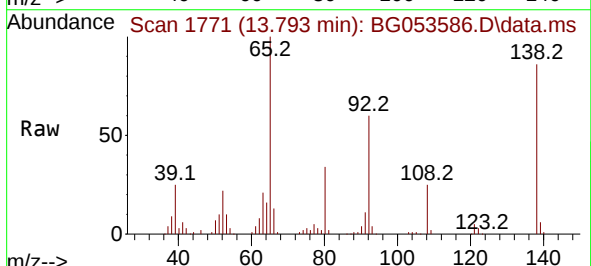
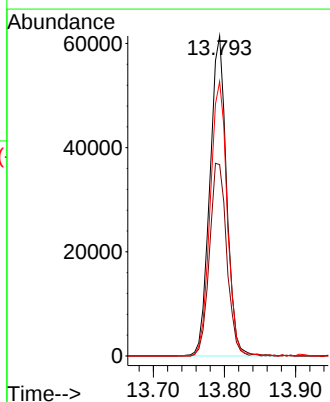
Tgt Ion: 65 Resp: 100457

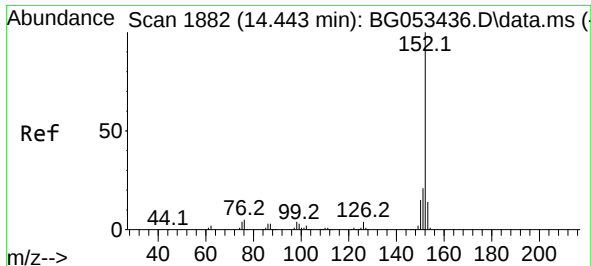
Ion Ratio Lower Upper

65 100

92 59.8 51.5 77.3

138 85.7 71.3 106.9

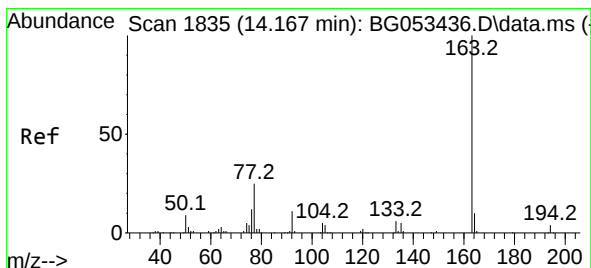
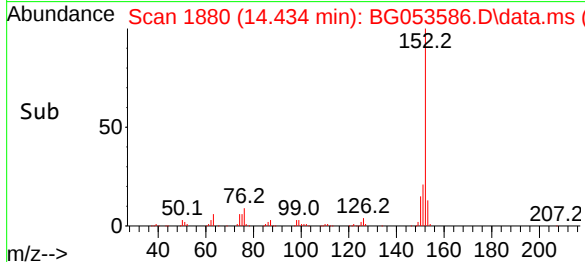
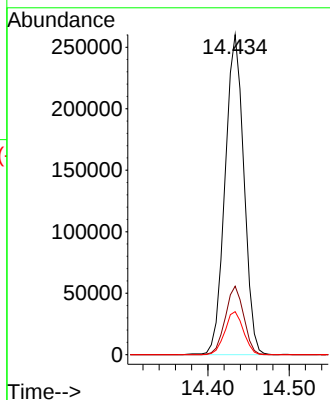
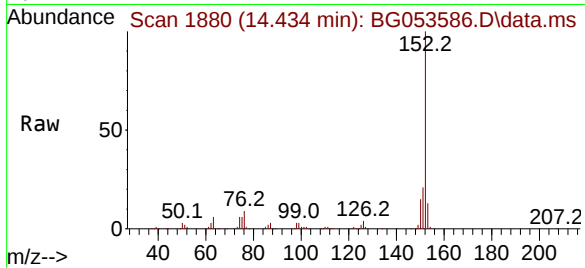




#49
Acenaphthylene
Concen: 47.803 ng
RT: 14.434 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

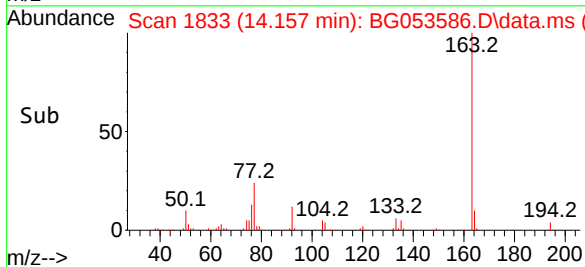
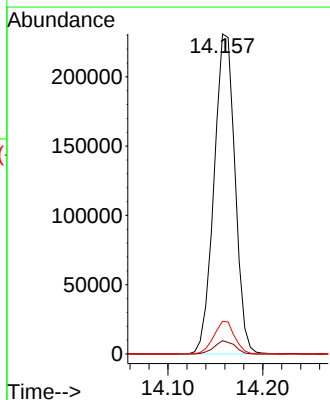
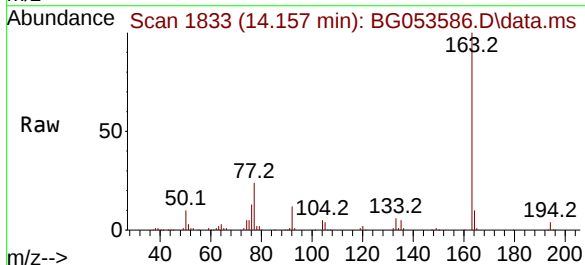
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

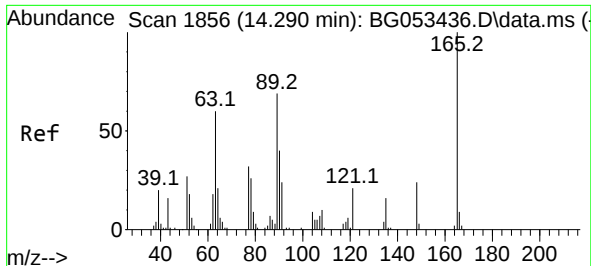
Tgt Ion:152 Resp: 418633
Ion Ratio Lower Upper
152 100
151 21.4 16.4 24.6
153 13.5 10.8 16.2



#50
Dimethylphthalate
Concen: 45.537 ng
RT: 14.157 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:163 Resp: 355597
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.2 8.0 12.0

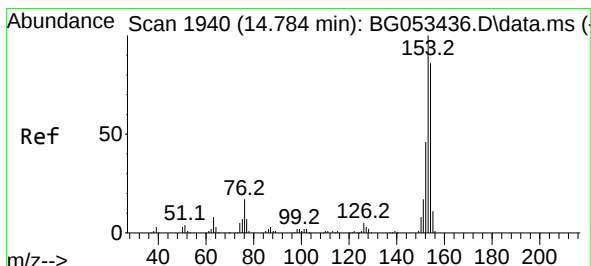
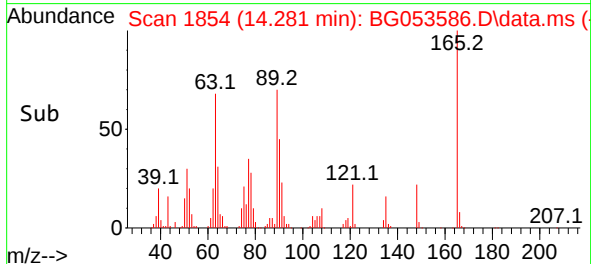
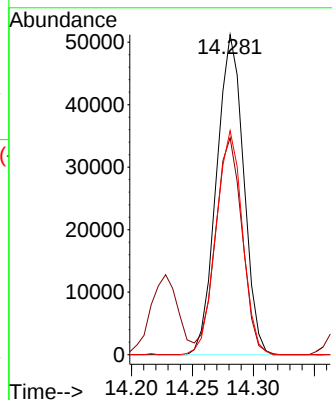
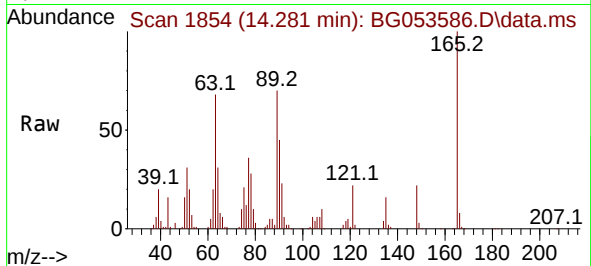




#51
2,6-Dinitrotoluene
Concen: 49.697 ng
RT: 14.281 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

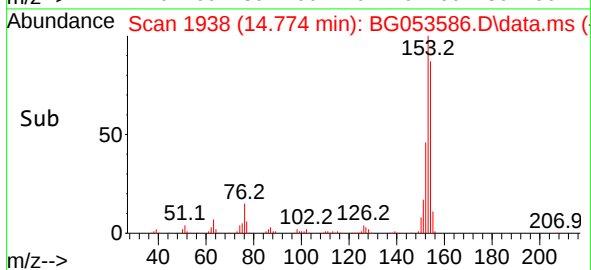
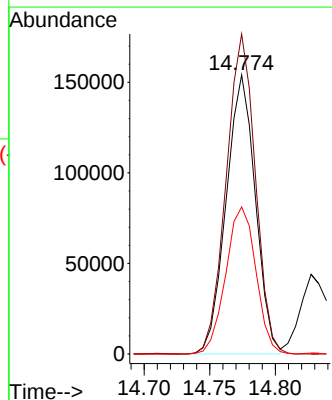
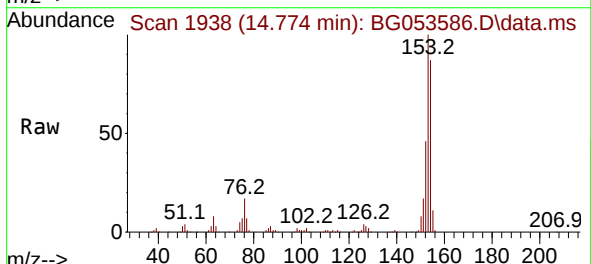
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

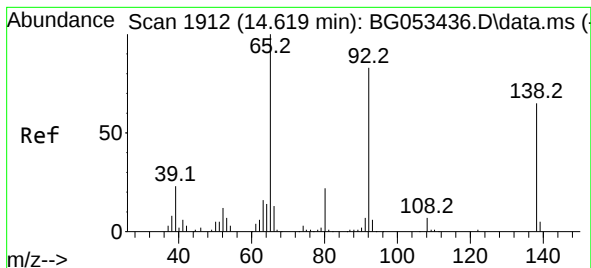
Tgt Ion:165 Resp: 79066
Ion Ratio Lower Upper
165 100
63 67.8 54.1 81.1
89 70.0 54.8 82.2



#52
Acenaphthene
Concen: 45.658 ng
RT: 14.774 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:154 Resp: 238291
Ion Ratio Lower Upper
154 100
153 114.7 92.7 139.1
152 52.7 42.6 64.0

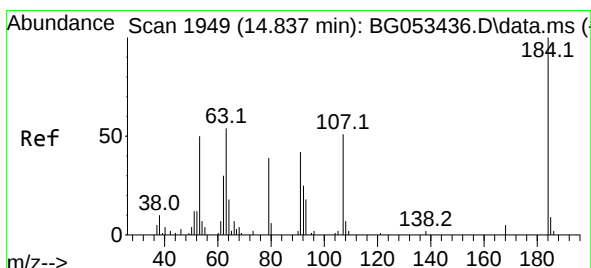
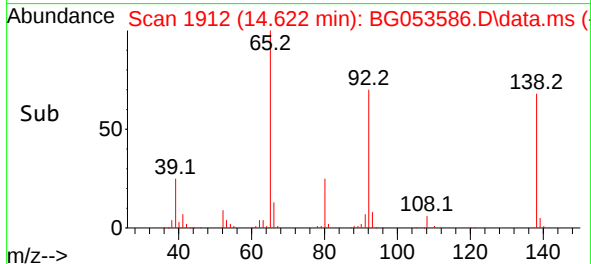
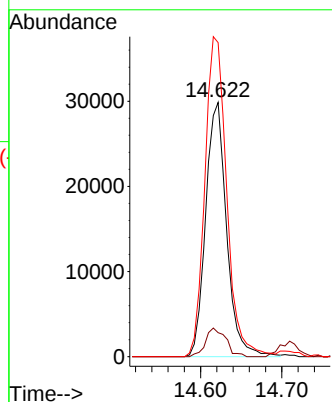
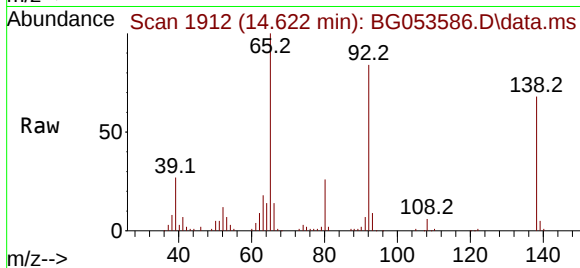




#53
3-Nitroaniline
Concen: 31.111 ng
RT: 14.622 min Scan# 1912
Delta R.T. 0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

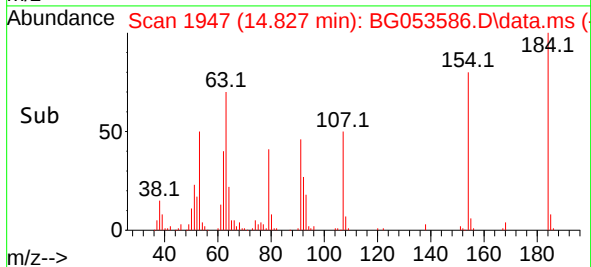
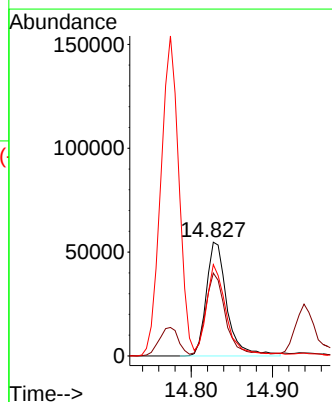
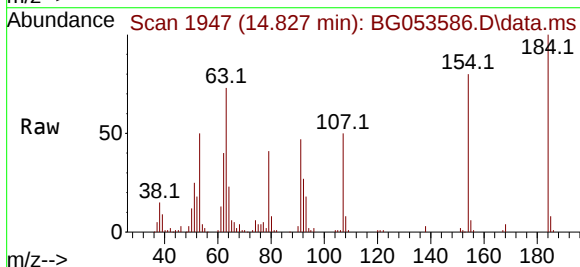
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

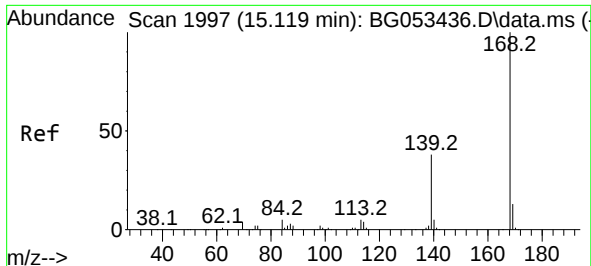
Tgt Ion:138 Resp: 53479
Ion Ratio Lower Upper
138 100
108 9.5 9.2 13.8
92 123.5 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 94.569 ng
RT: 14.827 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:184 Resp: 96750
Ion Ratio Lower Upper
184 100
63 72.9 61.1 91.7
154 80.3 60.6 91.0

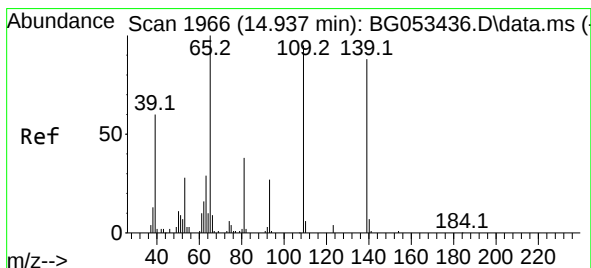
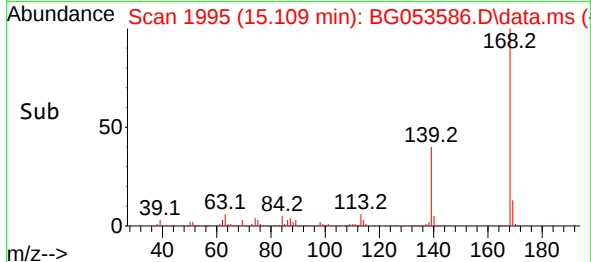
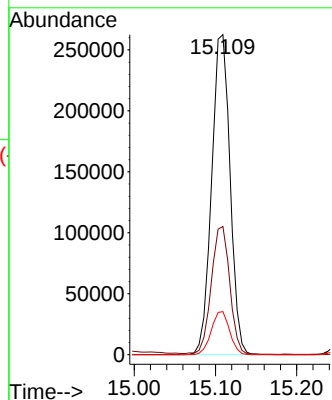
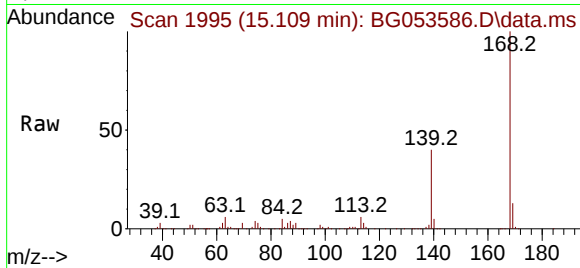




#55
Dibenzenofuran
Concen: 44.128 ng
RT: 15.109 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

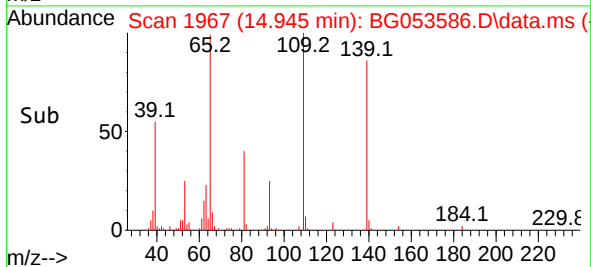
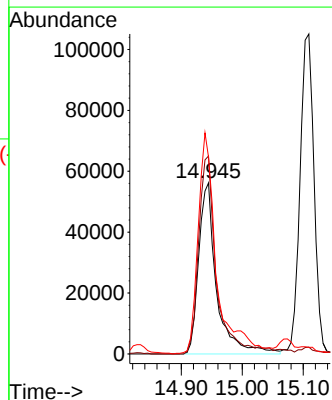
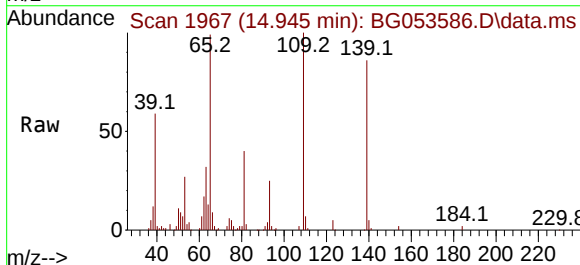
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

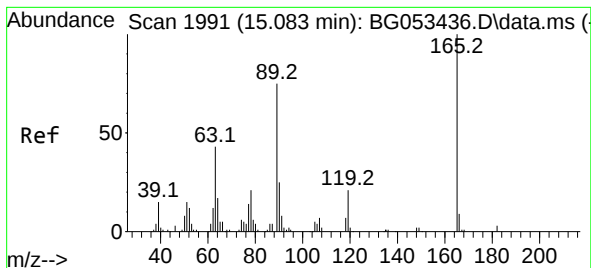
Tgt Ion:168 Resp: 413673
Ion Ratio Lower Upper
168 100
139 40.0 30.5 45.7
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 93.340 ng
RT: 14.945 min Scan# 1967
Delta R.T. 0.012 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:139 Resp: 114603
Ion Ratio Lower Upper
139 100
109 115.8 88.5 128.5
65 115.1 93.9 133.9

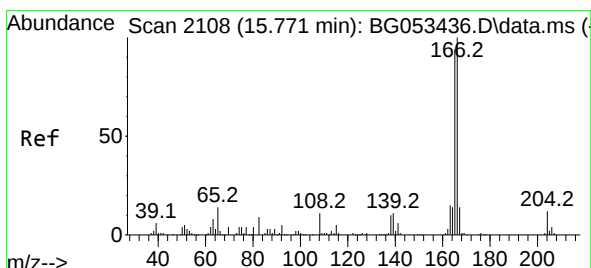
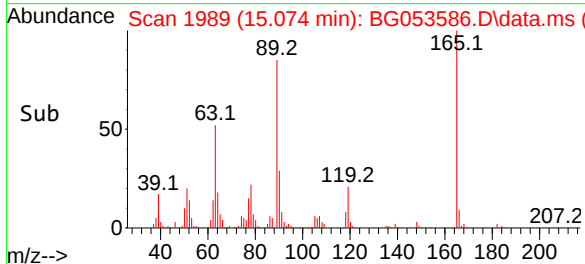
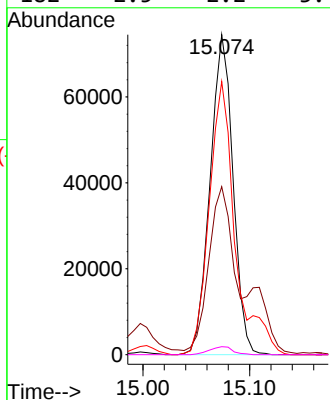
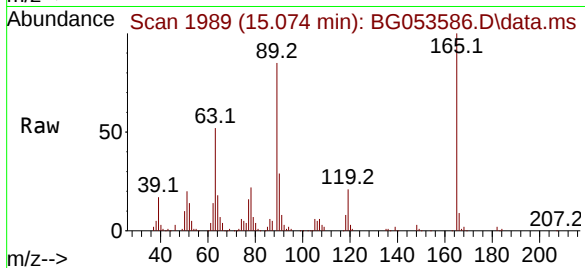




#57
2,4-Dinitrotoluene
Concen: 48.182 ng
RT: 15.074 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

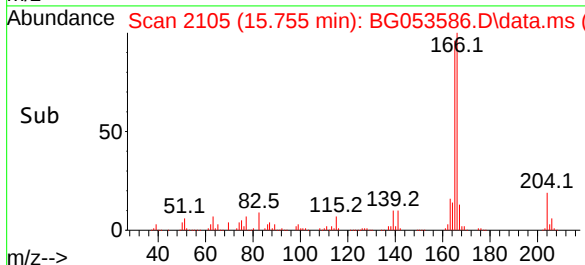
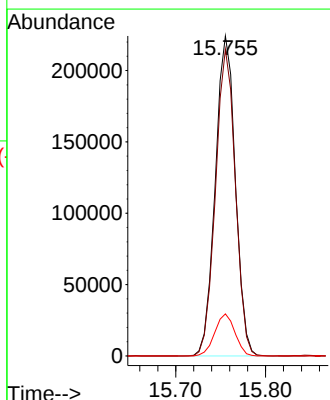
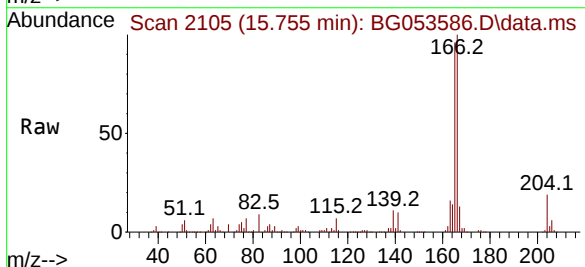
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

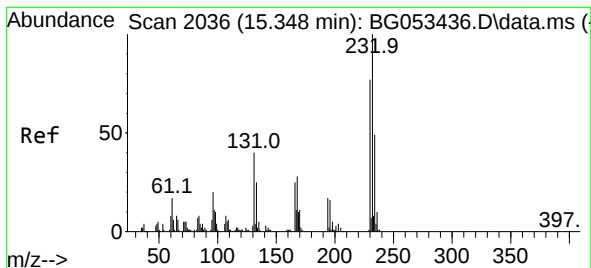
Tgt Ion:165 Resp: 111113
Ion Ratio Lower Upper
165 100
63 52.5 34.6 52.0#
89 85.4 60.3 90.5
182 2.5 2.2 3.4



#58
Fluorene
Concen: 46.205 ng
RT: 15.755 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:166 Resp: 347590
Ion Ratio Lower Upper
166 100
165 95.8 75.0 112.6
167 13.2 10.8 16.2

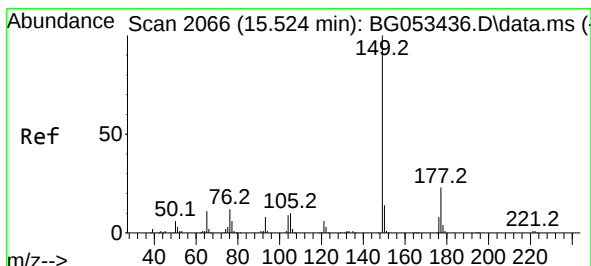
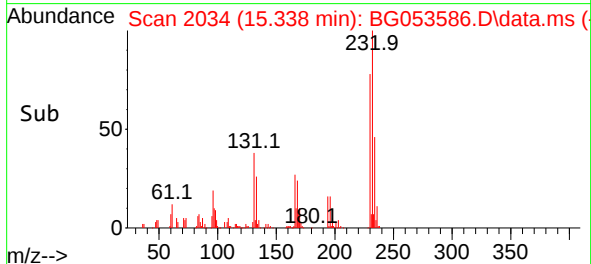
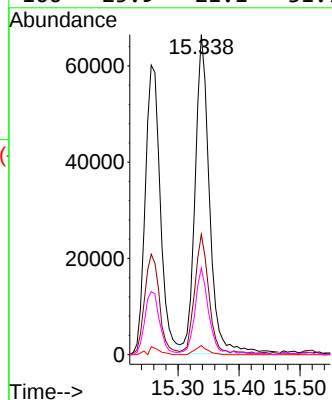
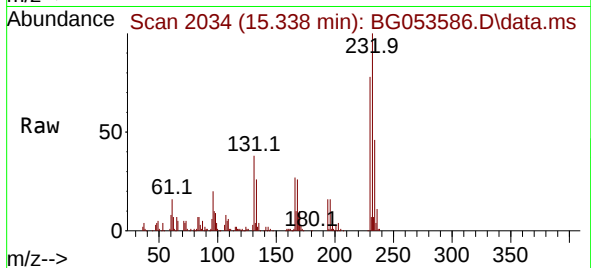




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.489 ng
RT: 15.338 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

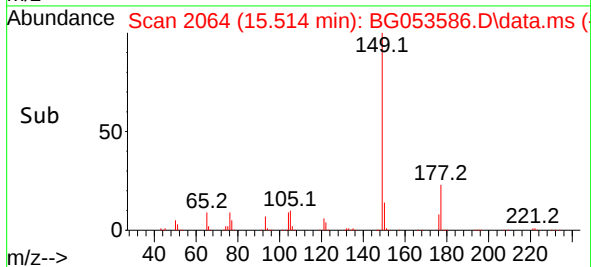
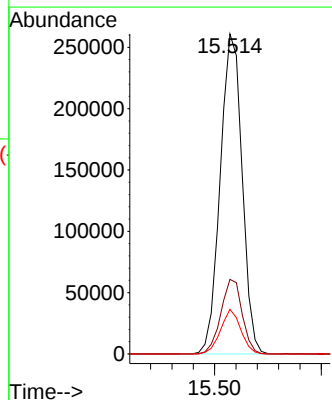
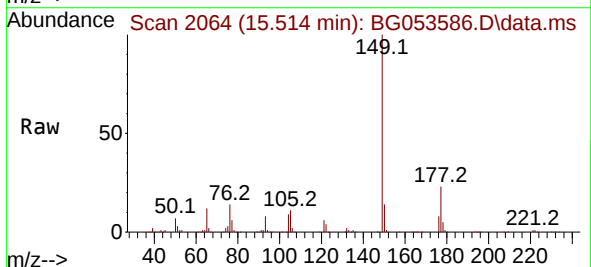
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

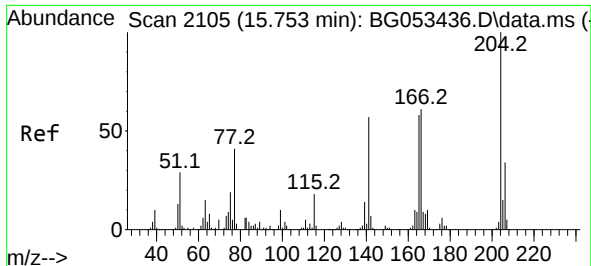
Tgt Ion:232 Resp: 108429
Ion Ratio Lower Upper
232 100
131 35.8 30.6 46.0
130 2.5 1.8 2.8
166 25.9 21.1 31.7



#60
Diethylphthalate
Concen: 45.965 ng
RT: 15.514 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:149 Resp: 370776
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 14.0 11.2 16.8

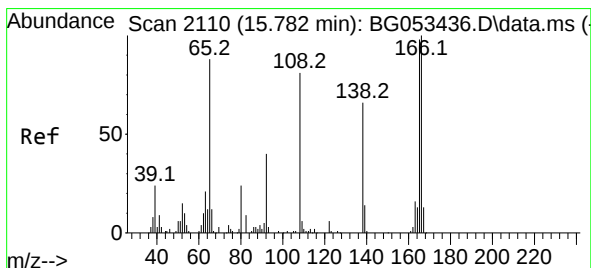
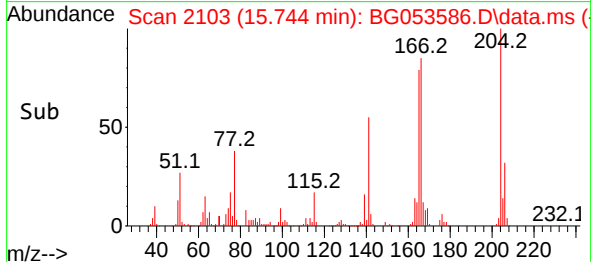
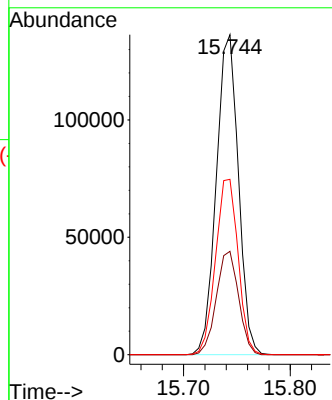
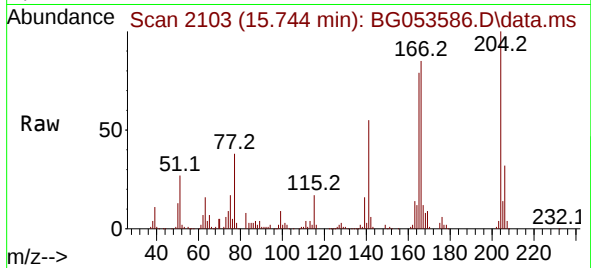




#61
4-Chlorophenyl-phenylether
Concen: 46.658 ng
RT: 15.744 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

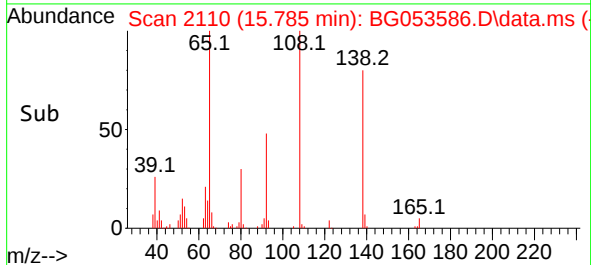
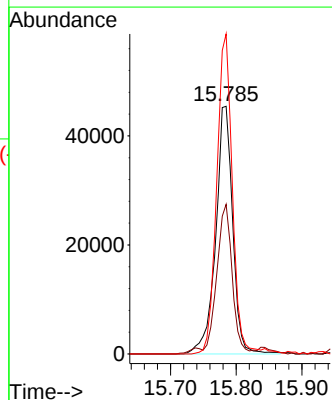
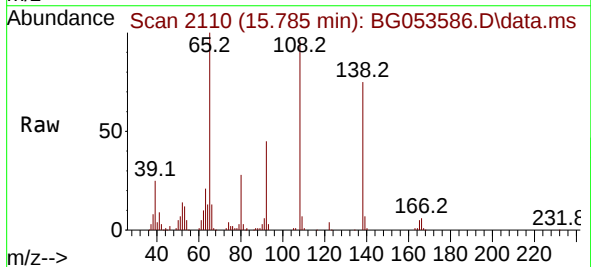
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

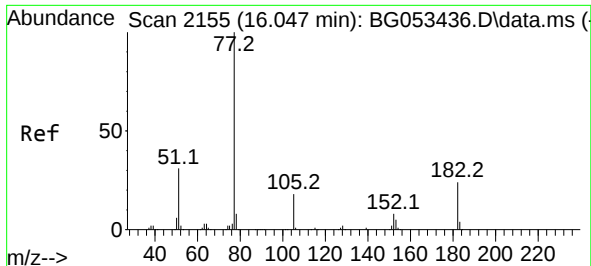
Tgt Ion:204 Resp: 195861
Ion Ratio Lower Upper
204 100
206 32.3 27.5 41.3
141 54.8 45.3 67.9



#62
4-Nitroaniline
Concen: 45.708 ng
RT: 15.785 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:138 Resp: 81495
Ion Ratio Lower Upper
138 100
92 60.4 40.5 80.5
108 129.2 103.7 143.7

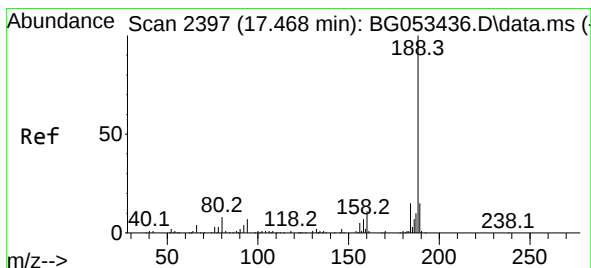
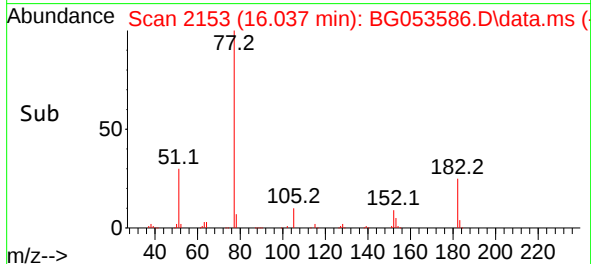
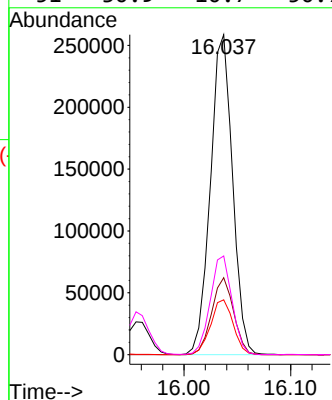
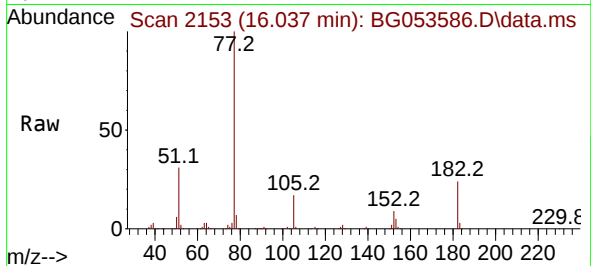




#63
Azobenzene
Concen: 45.195 ng
RT: 16.037 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

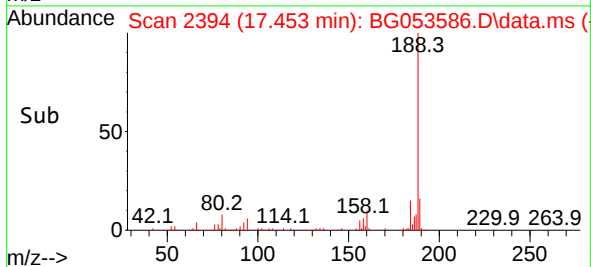
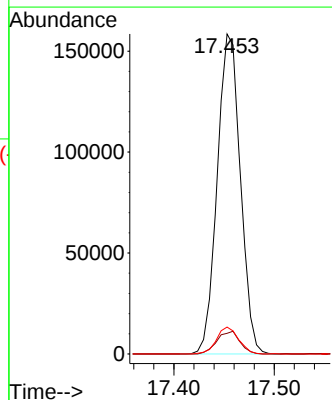
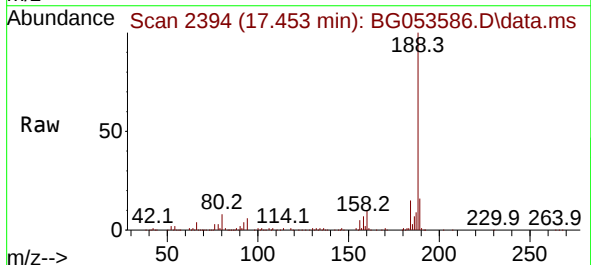
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

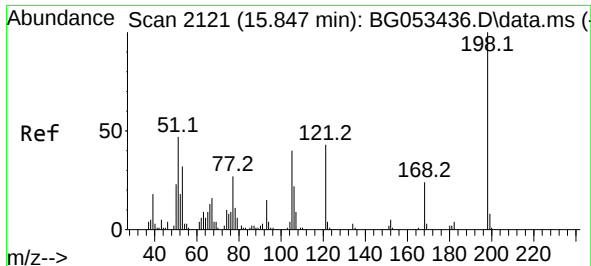
Tgt Ion:	77	Resp:	373313
Ion	Ratio	Lower	Upper
77	100		
182	24.0	3.8	43.8
105	17.1	0.0	37.8
51	30.9	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:	188	Resp:	253602
Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.0
80	8.4	6.8	10.2

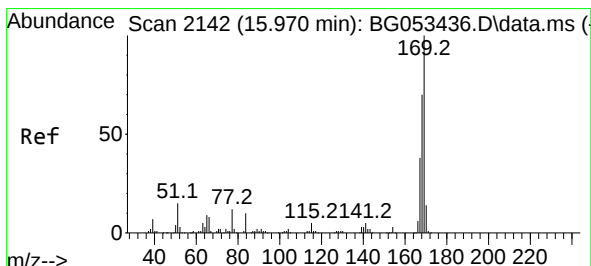
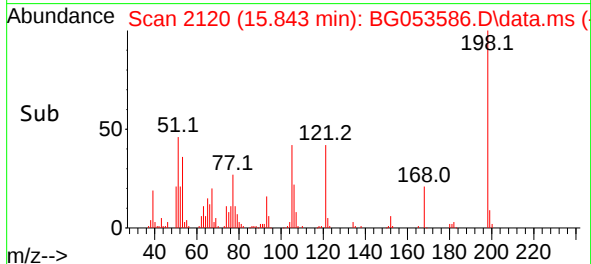
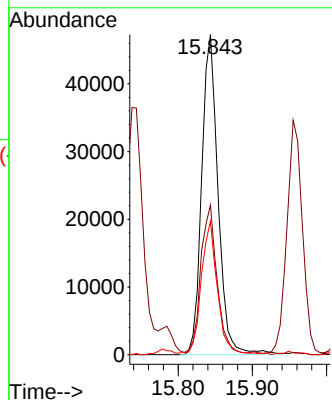
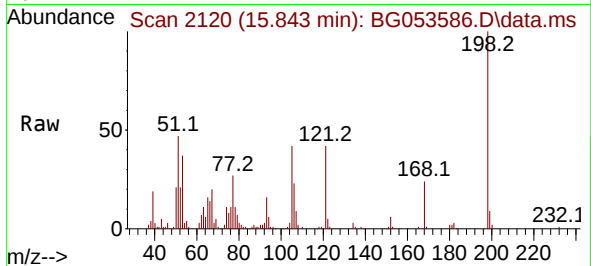




#65
4,6-Dinitro-2-methylphenol
Concen: 47.975 ng
RT: 15.843 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

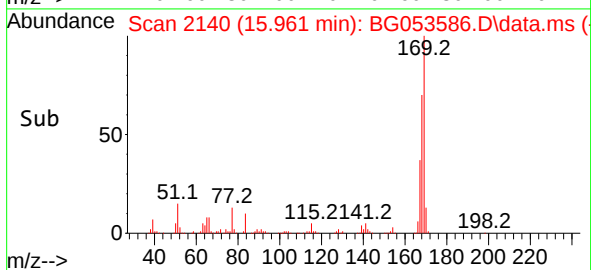
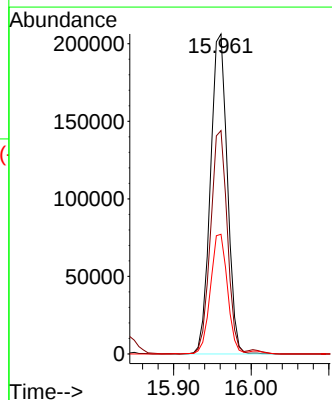
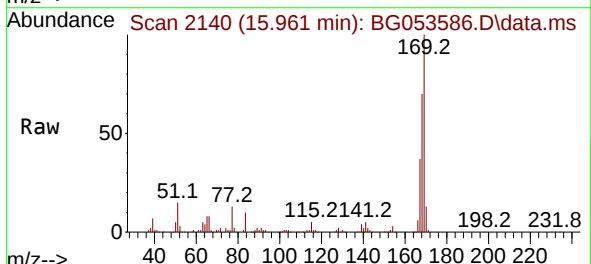
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

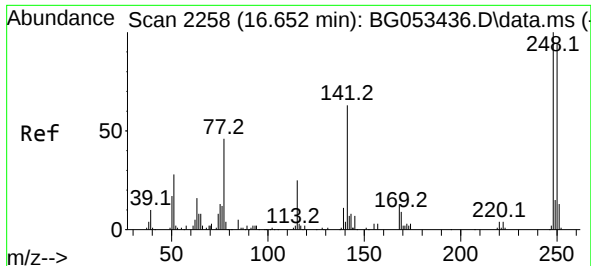
Tgt Ion:198 Resp: 72497
Ion Ratio Lower Upper
198 100
51 46.8 28.1 68.1
105 41.7 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 46.852 ng
RT: 15.961 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:169 Resp: 311958
Ion Ratio Lower Upper
169 100
168 69.8 55.9 83.9
167 37.4 30.6 46.0

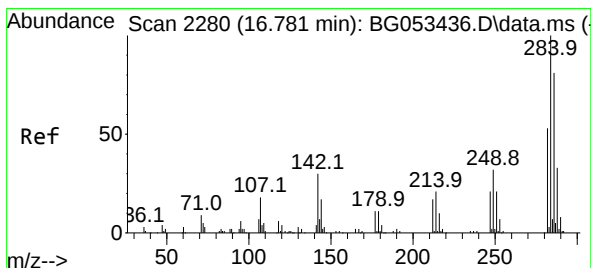
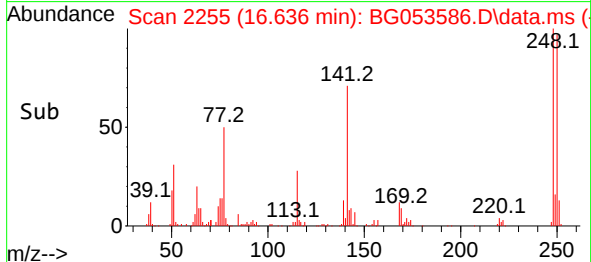
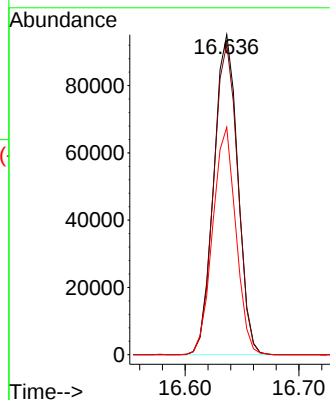
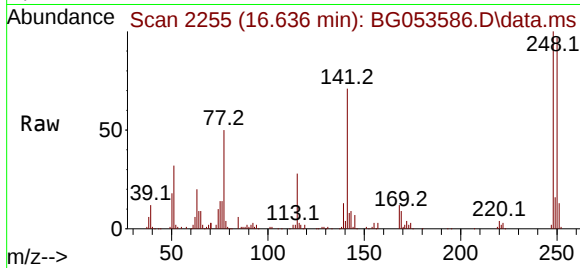




#67
4-Bromophenyl-phenylether
Concen: 47.139 ng
RT: 16.636 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

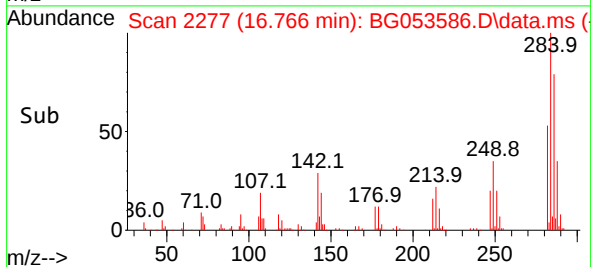
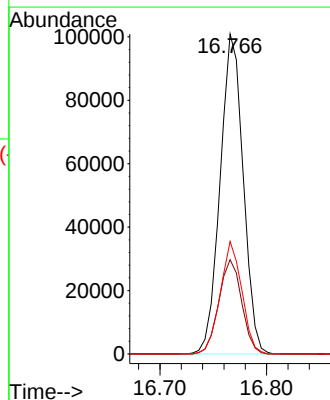
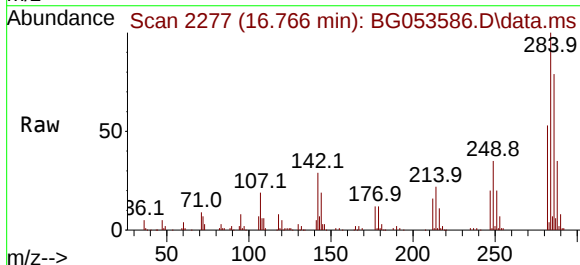
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

Tgt Ion:248 Resp: 139616
Ion Ratio Lower Upper
248 100
250 97.1 75.2 112.8
141 71.0 50.0 75.0



#68
Hexachlorobenzene
Concen: 46.659 ng
RT: 16.766 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:284 Resp: 151347
Ion Ratio Lower Upper
284 100
142 29.4 23.6 35.4
249 35.2 25.8 38.6





#69

Atrazine

Concen: 44.660 ng

RT: 16.907 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD

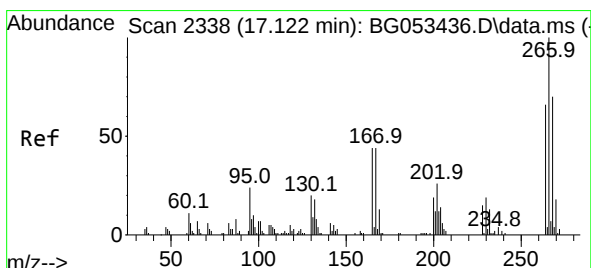
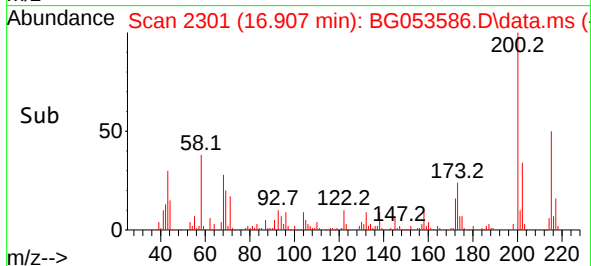
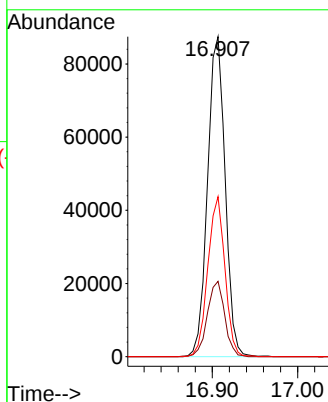
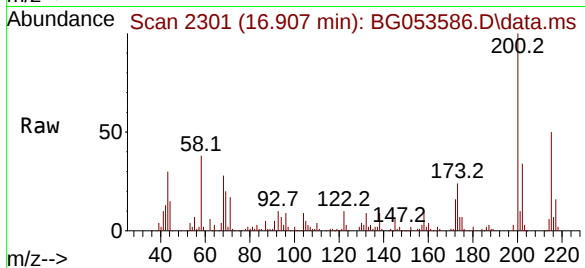
Tgt Ion:200 Resp: 125185

Ion Ratio Lower Upper

200 100

173 23.5 3.7 43.7

215 50.0 25.2 65.2



#70

Pentachlorophenol

Concen: 92.770 ng

RT: 17.112 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

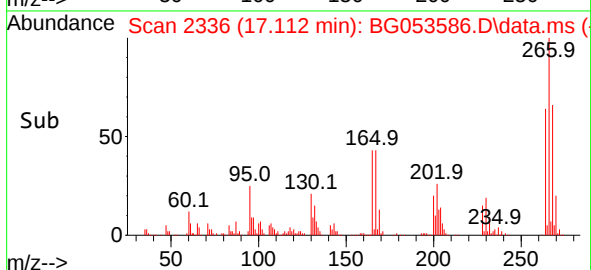
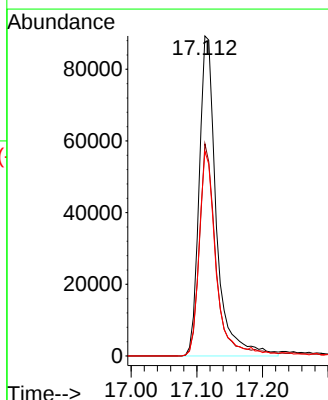
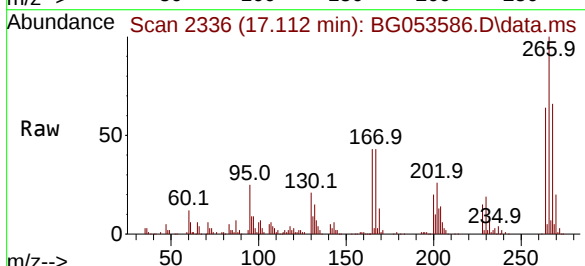
Tgt Ion:266 Resp: 163431

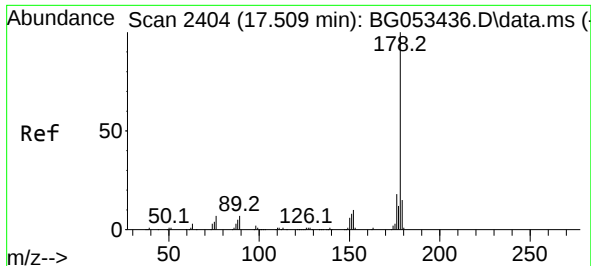
Ion Ratio Lower Upper

266 100

268 66.3 56.2 84.2

264 64.0 53.0 79.4

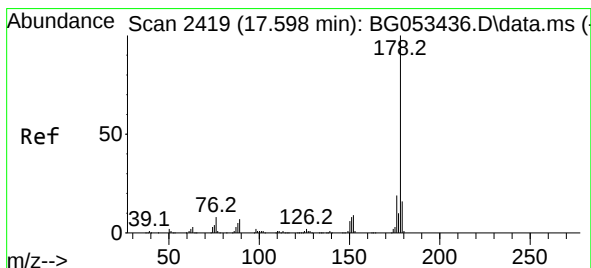
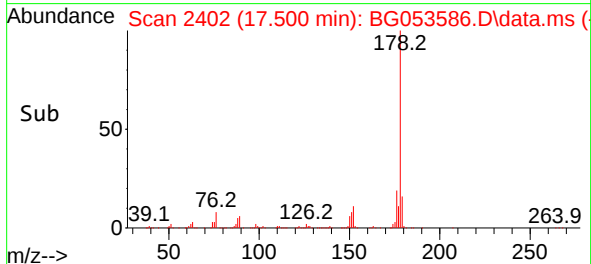
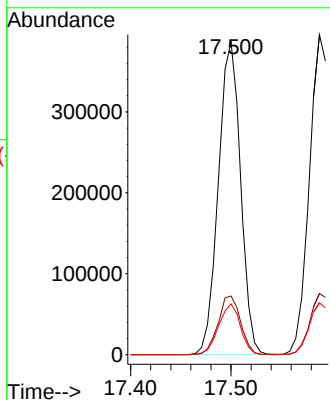
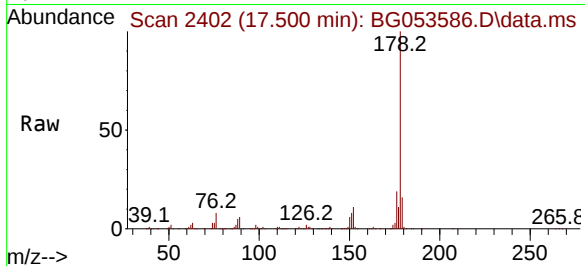




#71
Phenanthrene
Concen: 45.955 ng
RT: 17.500 min Scan# 241
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

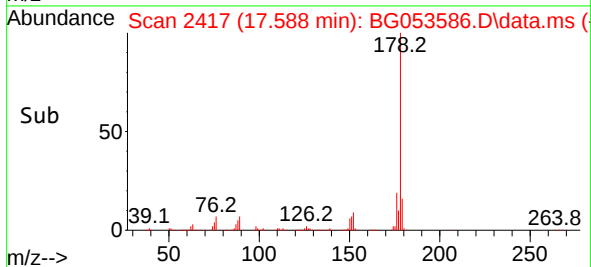
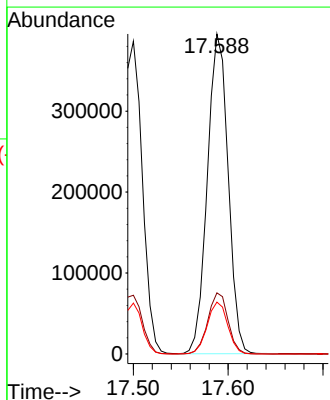
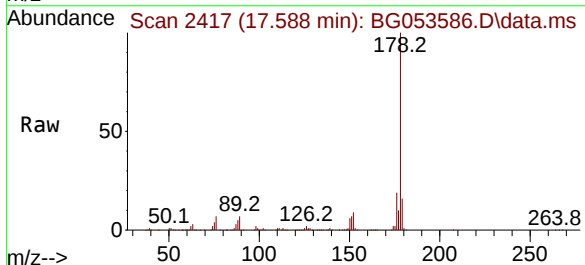
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

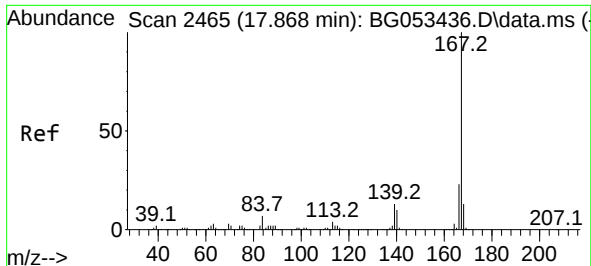
Tgt Ion:178 Resp: 592598
Ion Ratio Lower Upper
178 100
176 18.8 14.1 21.1
179 16.3 12.1 18.1



#72
Anthracene
Concen: 47.477 ng
RT: 17.588 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:178 Resp: 601763
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 16.2 13.0 19.4

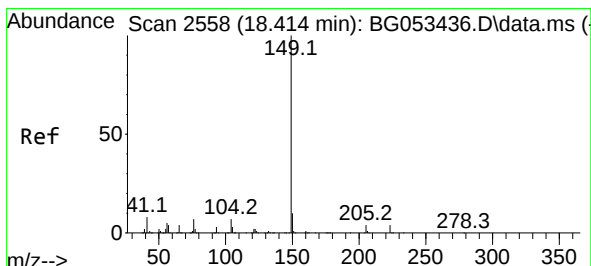
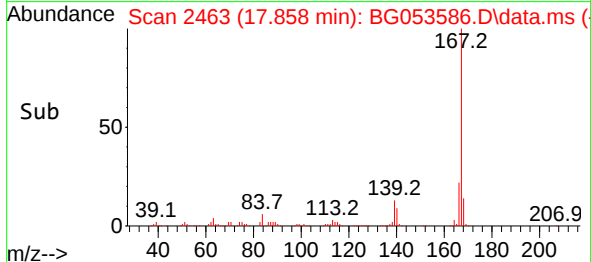
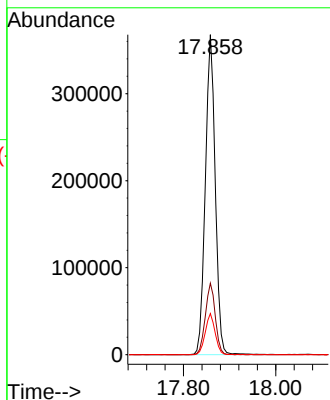
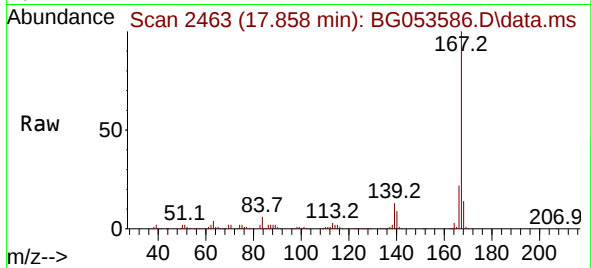




#73
 Carbazole
 Concen: 44.464 ng
 RT: 17.858 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BG053586.D
 Acq: 17 May 2022 16:27

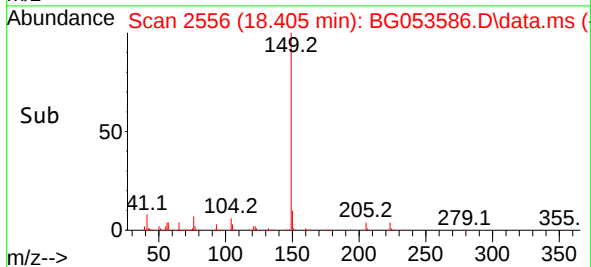
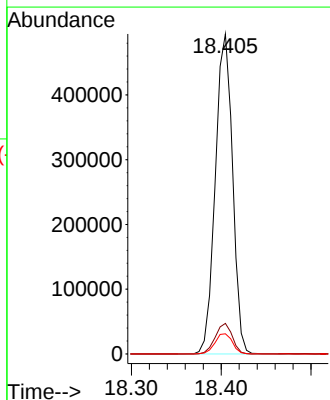
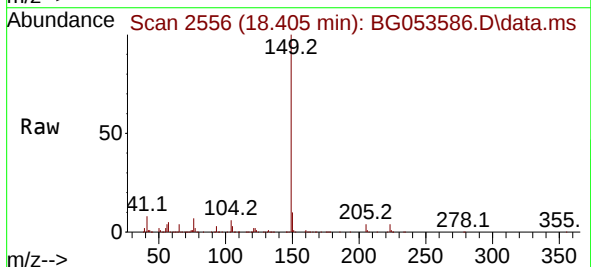
Instrument :
 BNA_G
 ClientSampleId :
 P003-SS003-1218-01MSD

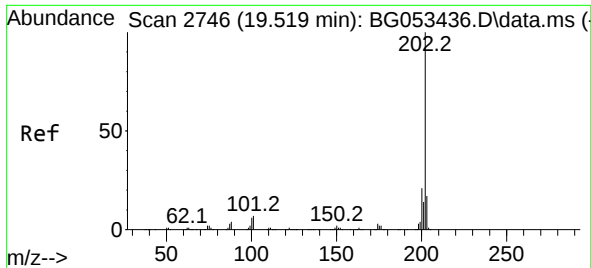
Tgt Ion:167 Resp: 552337
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 12.9 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 47.071 ng
 RT: 18.405 min Scan# 2556
 Delta R.T. -0.000 min
 Lab File: BG053586.D
 Acq: 17 May 2022 16:27

Tgt Ion:149 Resp: 657610
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 6.3 5.4 8.0

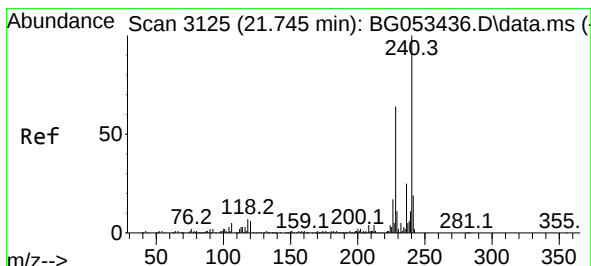
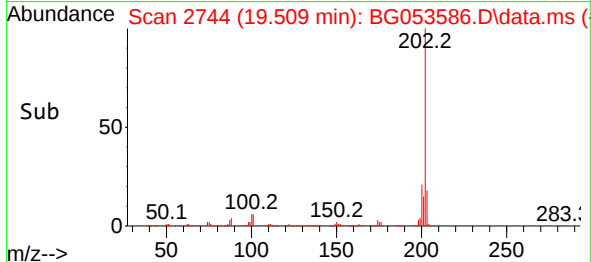
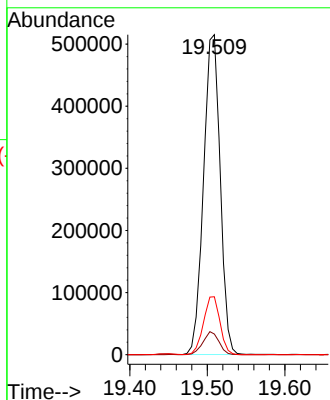
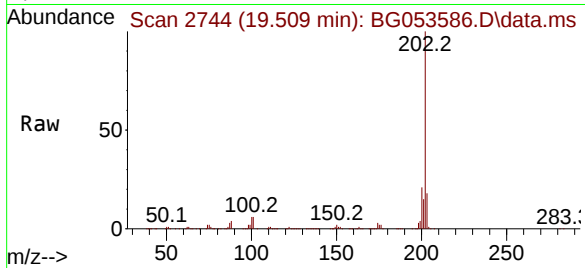




#75
Fluoranthene
Concen: 45.911 ng
RT: 19.509 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

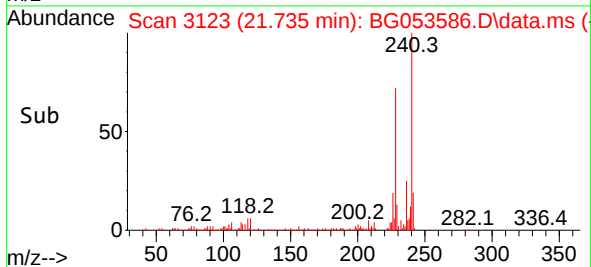
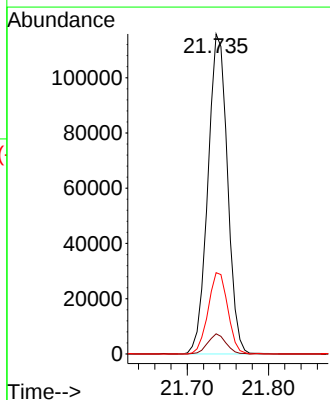
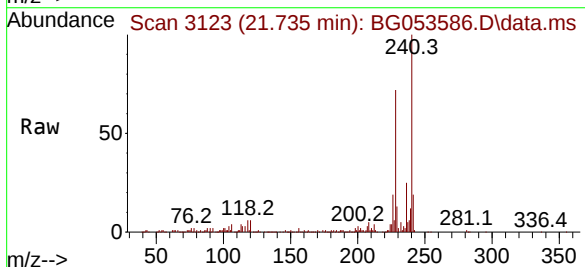
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

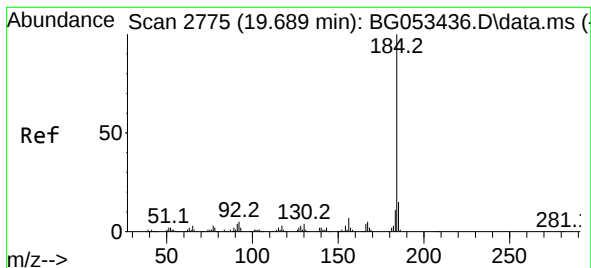
Tgt Ion:202 Resp: 766572
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.9
203 18.1 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.735 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:240 Resp: 193772
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 25.4 20.2 30.4





#77

Benzidine

Concen: 54.967 ng

RT: 19.685 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD

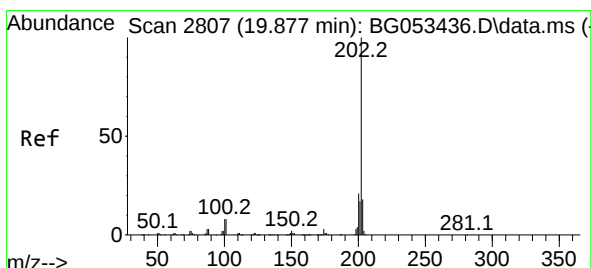
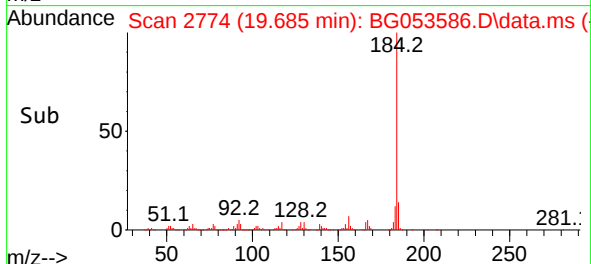
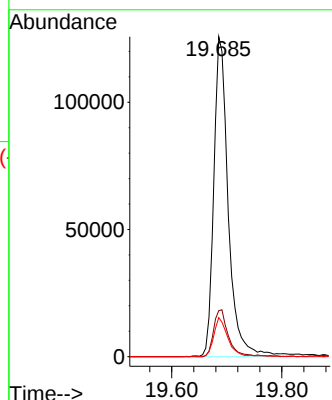
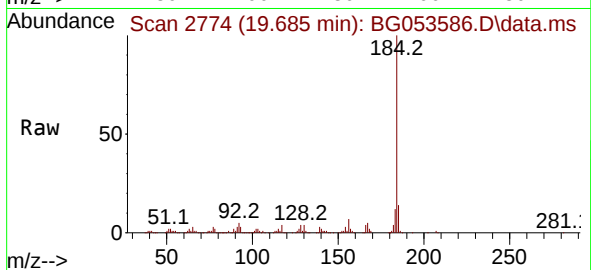
Tgt Ion:184 Resp: 229569

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

183 12.2 8.9 13.3



#78

Pyrene

Concen: 60.704 ng

RT: 19.867 min Scan# 2805

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

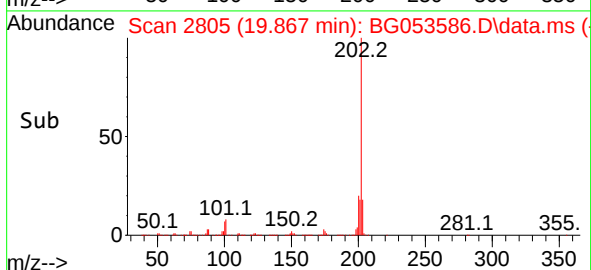
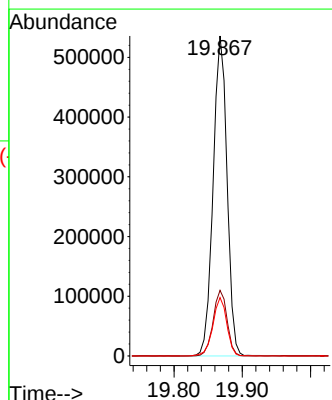
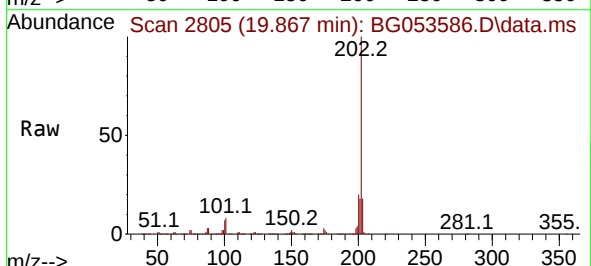
Tgt Ion:202 Resp: 761460

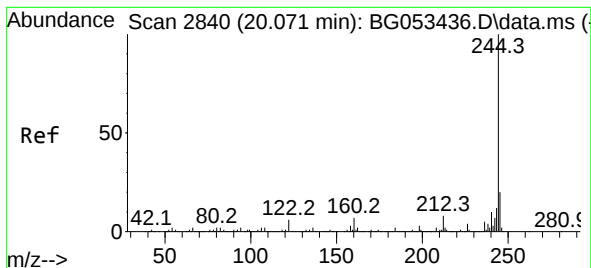
Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 125.235 ng

RT: 20.061 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG053586.D

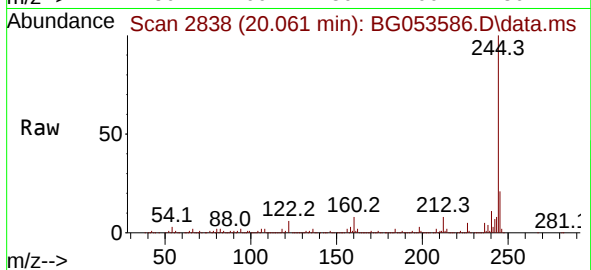
Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD



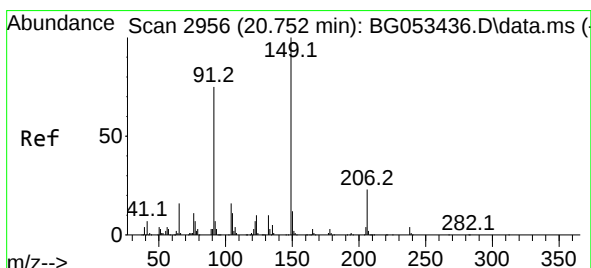
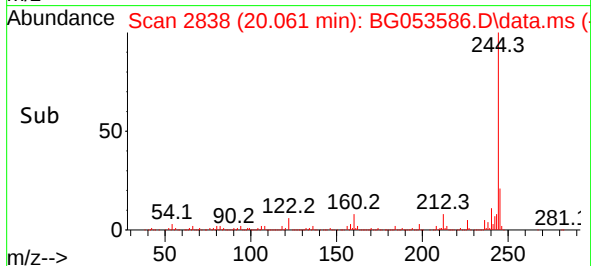
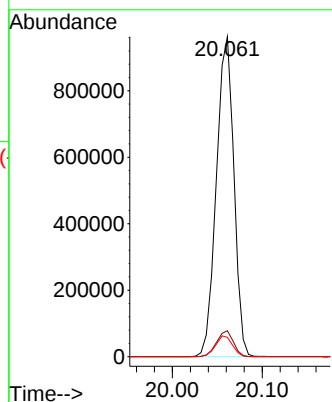
Tgt Ion:244 Resp: 1302951

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 6.0 5.0 7.4



#80

Butylbenzylphthalate

Concen: 52.951 ng

RT: 20.737 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

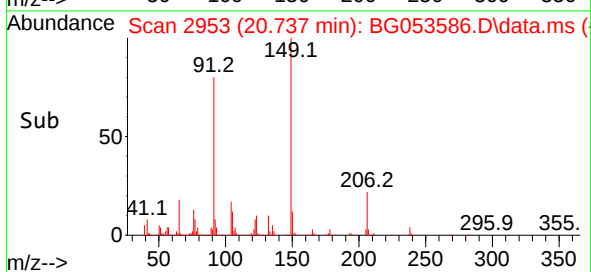
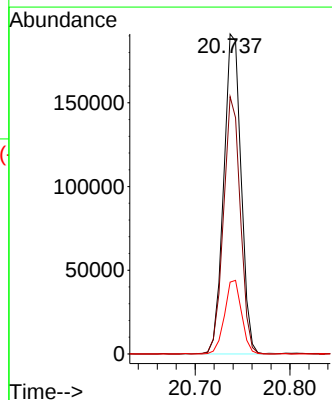
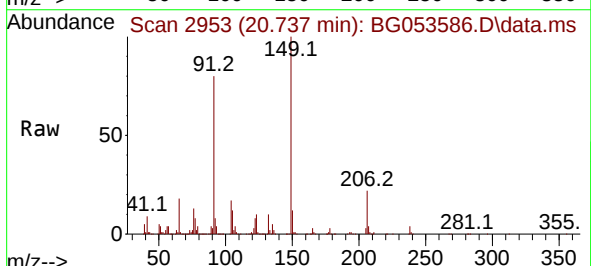
Tgt Ion:149 Resp: 243562

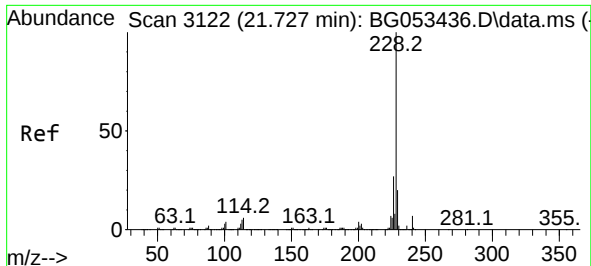
Ion Ratio Lower Upper

149 100

91 80.4 59.6 89.4

206 22.4 18.6 28.0

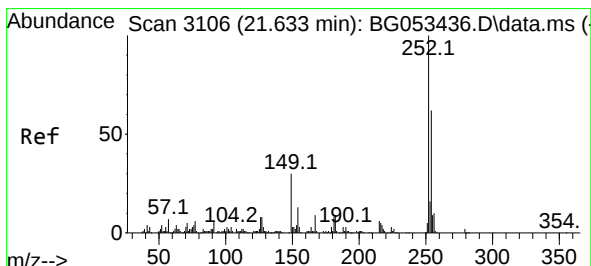
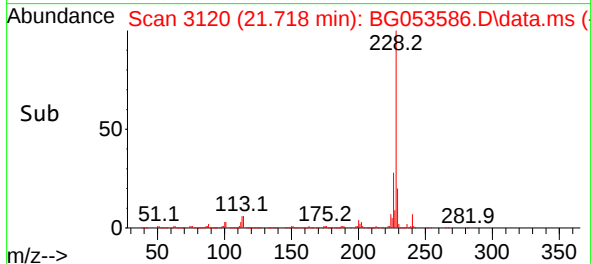
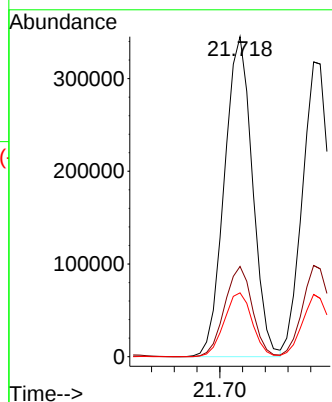
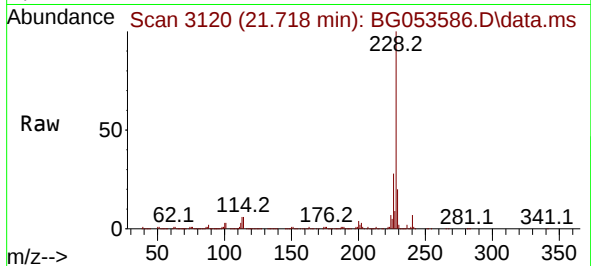




#81
Benzo(a)anthracene
Concen: 47.894 ng
RT: 21.718 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

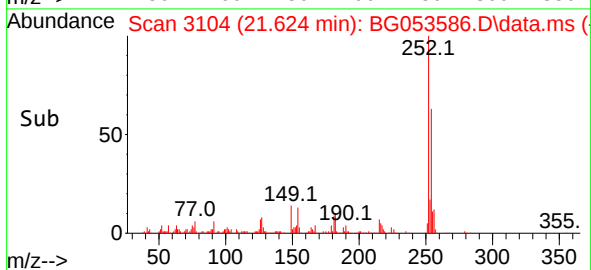
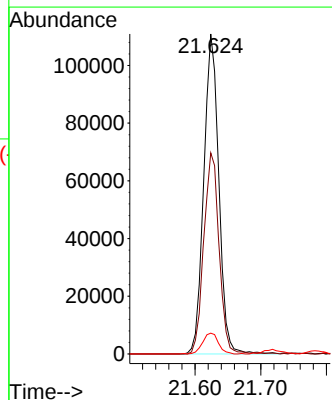
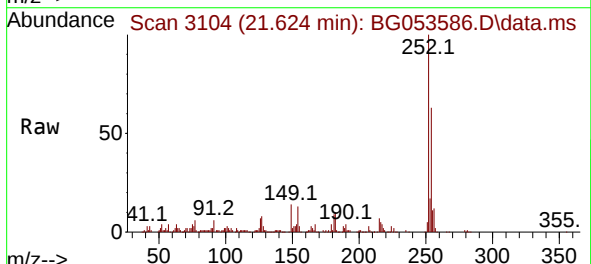
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

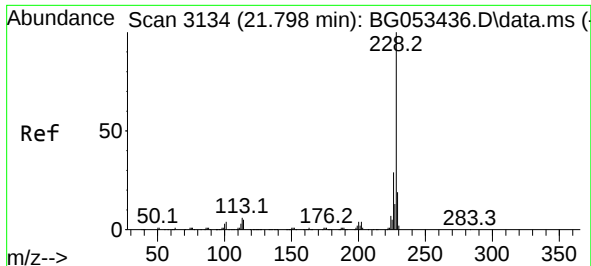
Tgt Ion:228 Resp: 591930
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 19.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 56.540 ng
RT: 21.624 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:252 Resp: 177205
Ion Ratio Lower Upper
252 100
254 62.9 49.8 74.8
126 6.5 6.0 9.0

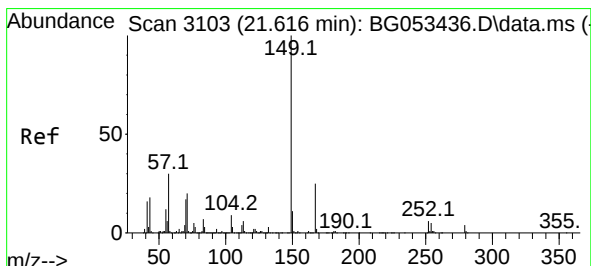
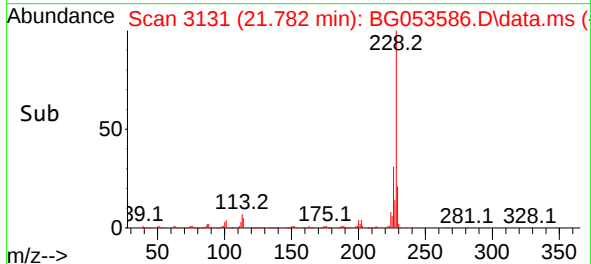
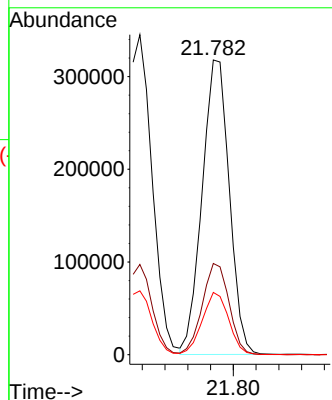
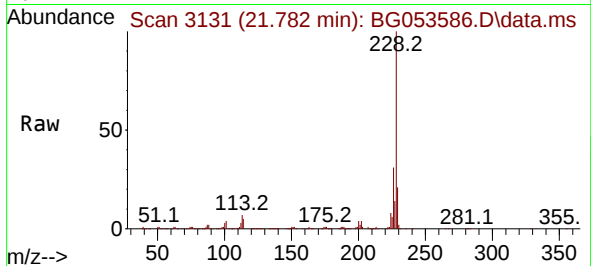




#83
Chrysene
Concen: 45.744 ng
RT: 21.782 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

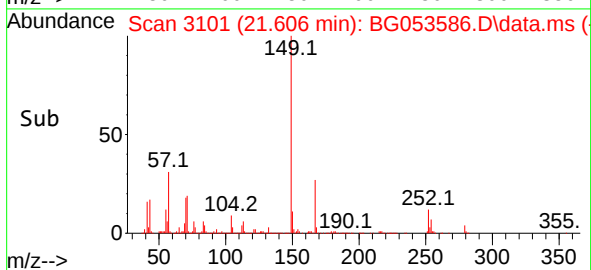
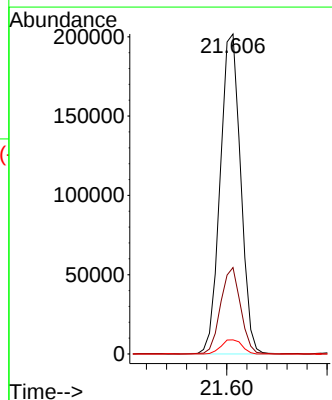
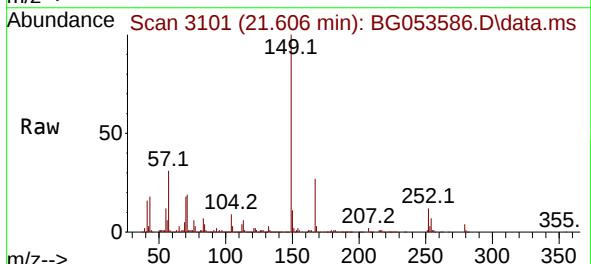
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

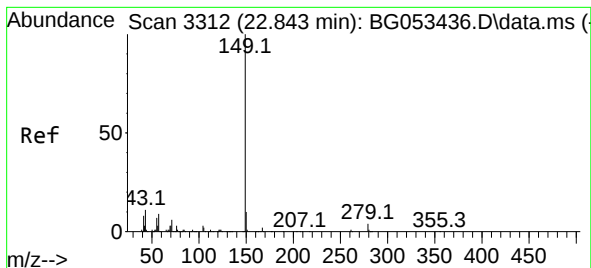
Tgt Ion:228 Resp: 528026
Ion Ratio Lower Upper
228 100
226 30.9 23.4 35.2
229 21.1 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.858 ng
RT: 21.606 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:149 Resp: 284792
Ion Ratio Lower Upper
149 100
167 27.0 20.2 30.4
279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.932 ng

RT: 22.828 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD

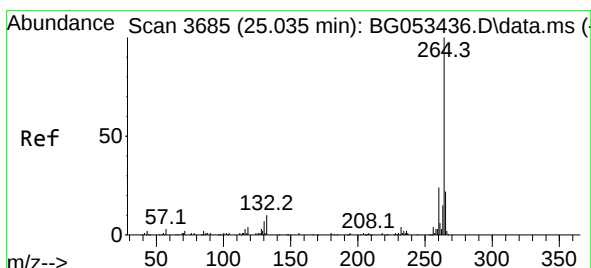
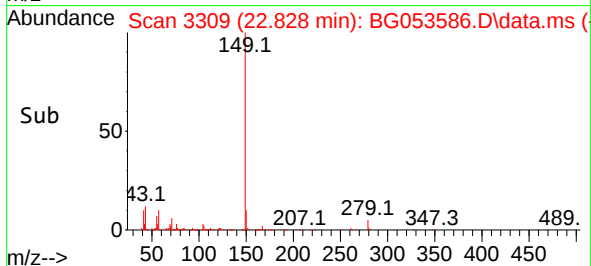
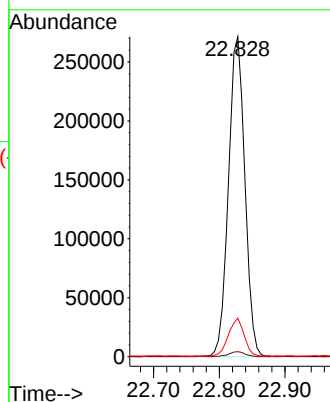
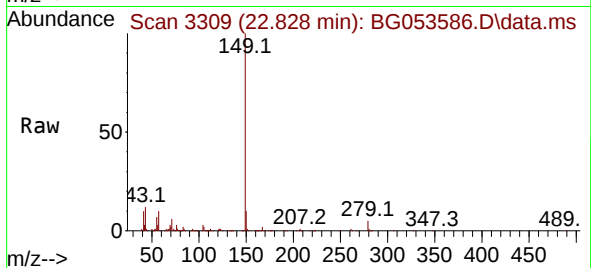
Tgt Ion:149 Resp: 471635

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.013 min Scan# 3681

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

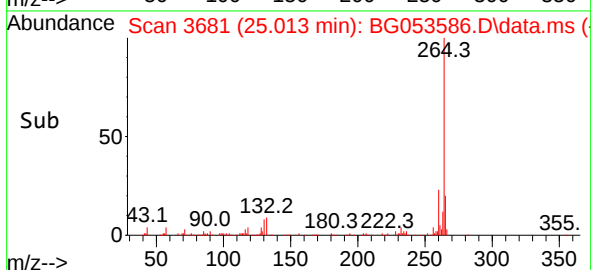
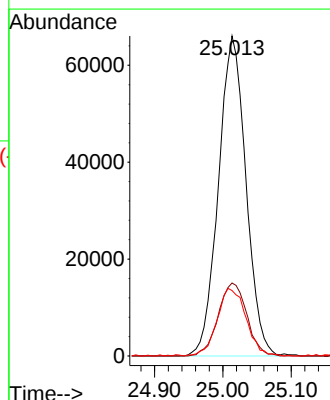
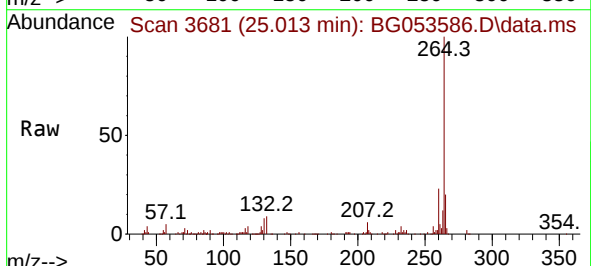
Tgt Ion:264 Resp: 185230

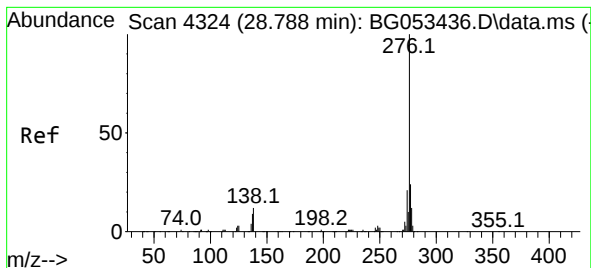
Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

265 20.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.695 ng

RT: 28.779 min Scan# 41

Delta R.T. -0.000 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD

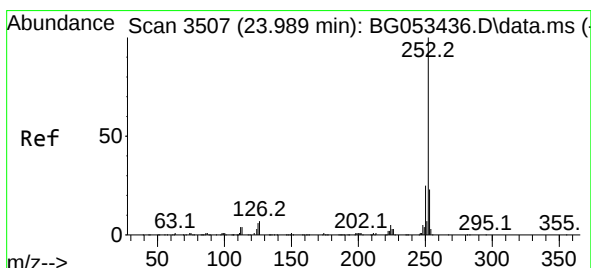
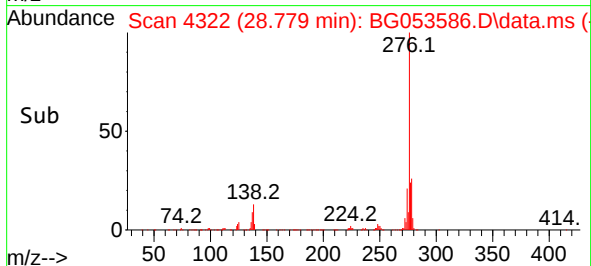
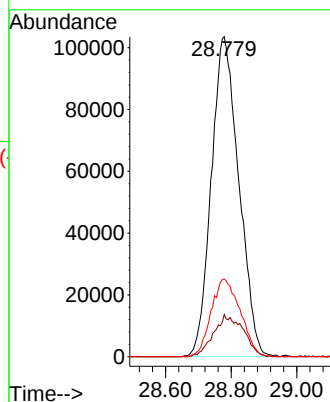
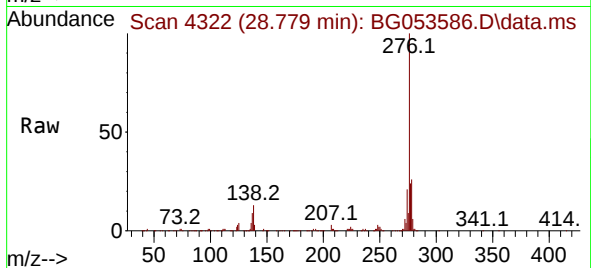
Tgt Ion:276 Resp: 602410

Ion Ratio Lower Upper

276 100

138 14.0 5.0 7.4#

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 50.318 ng

RT: 23.974 min Scan# 3504

Delta R.T. -0.006 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

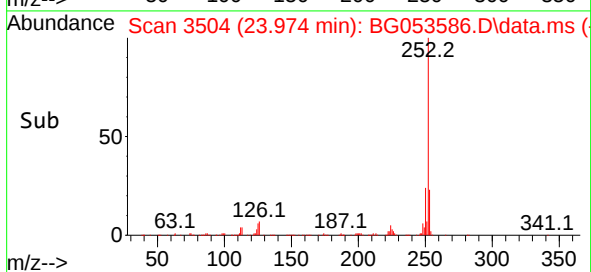
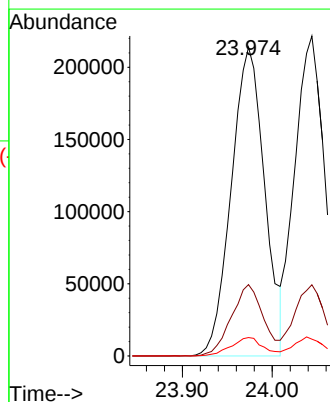
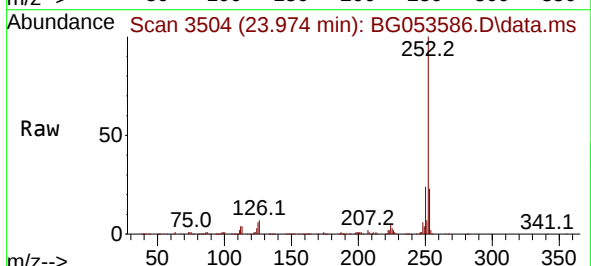
Tgt Ion:252 Resp: 551690

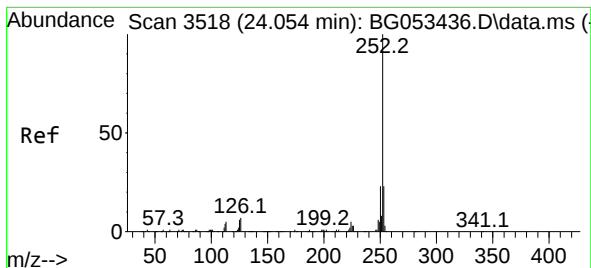
Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

125 6.0 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 47.761 ng

RT: 24.044 min Scan# 3

Delta R.T. -0.000 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1218-01MSD

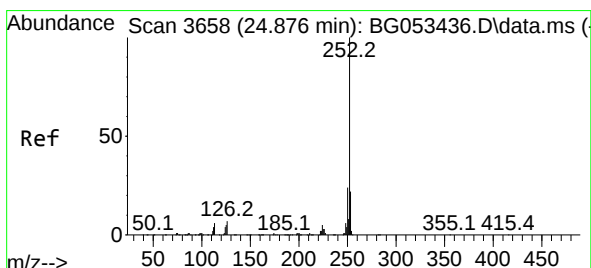
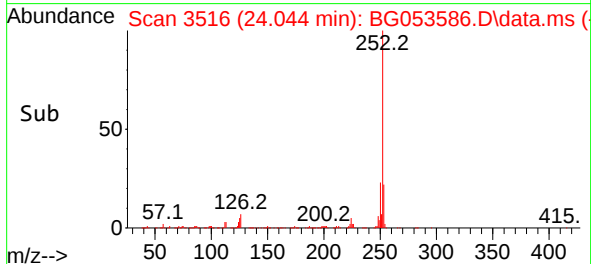
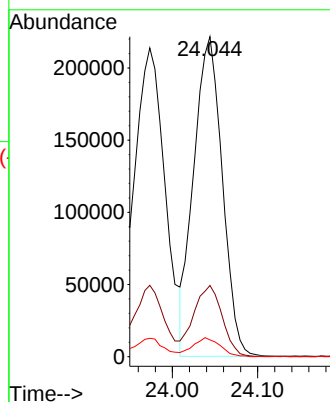
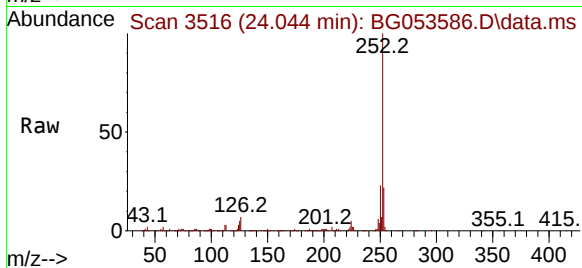
Tgt Ion:252 Resp: 514572

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

125 5.3 4.8 7.2



#90

Benzo(a)pyrene

Concen: 56.165 ng

RT: 24.866 min Scan# 3656

Delta R.T. -0.000 min

Lab File: BG053586.D

Acq: 17 May 2022 16:27

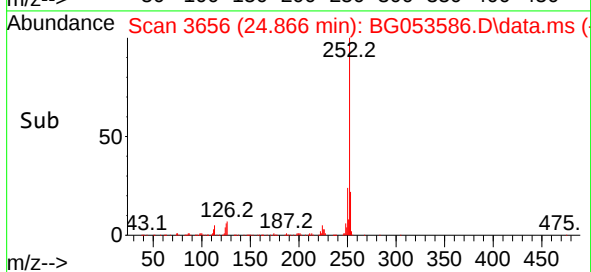
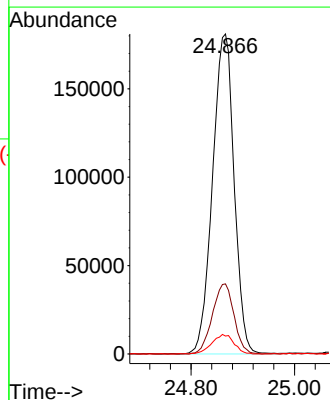
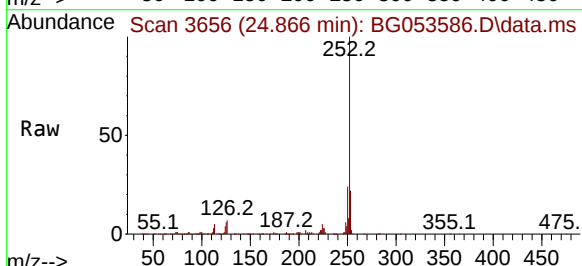
Tgt Ion:252 Resp: 524132

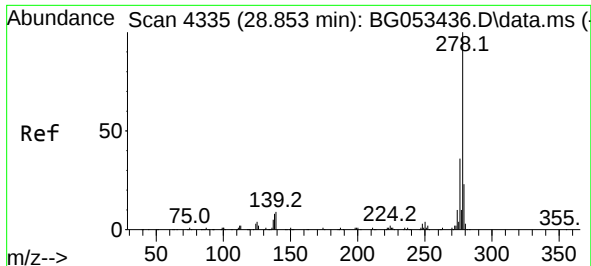
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 5.6 4.3 6.5

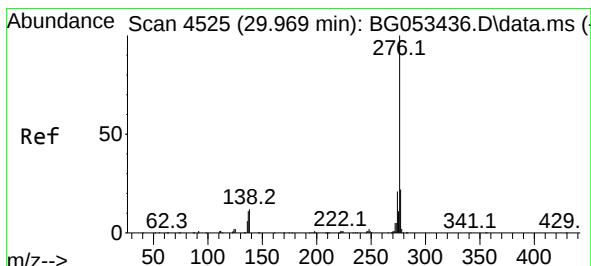
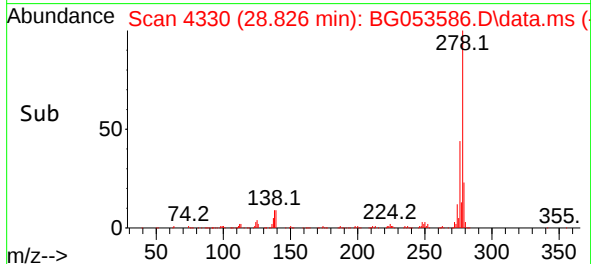
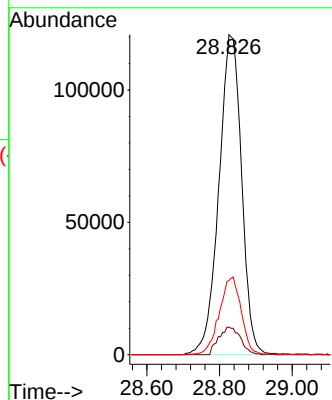
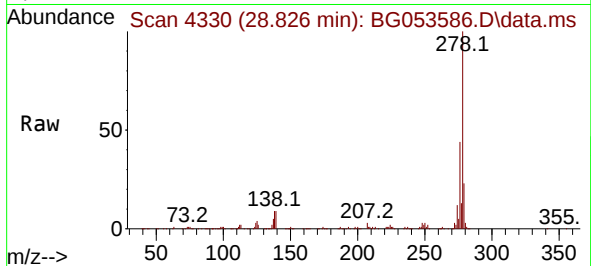




#91
Dibenzo(a,h)anthracene
Concen: 49.322 ng
RT: 28.826 min Scan# 41
Delta R.T. -0.012 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P003-SS003-1218-01MSD

Tgt Ion:278 Resp: 524301
Ion Ratio Lower Upper
278 100
139 8.6 7.2 10.8
279 23.2 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 49.661 ng
RT: 29.948 min Scan# 4521
Delta R.T. -0.006 min
Lab File: BG053586.D
Acq: 17 May 2022 16:27

Tgt Ion:276 Resp: 523284
Ion Ratio Lower Upper
276 100
277 23.4 17.3 25.9
138 11.6 9.6 14.4

