

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055320.D
 Acq On : 27 Oct 2022 12:21
 Operator : CG/JU
 Sample : PB148495BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148495BS

Quant Time: Oct 27 15:20:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	32244	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	157704	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	117452	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	269368	20.000	ng	0.00
76) Chrysene-d12	21.901	240	237109	20.000	ng	0.00
86) Perylene-d12	25.303	264	253008	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	283751	154.088	ng	0.00
7) Phenol-d6	7.418	99	393613	147.537	ng	0.00
23) Nitrobenzene-d5	9.445	82	242206	78.424	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	189366	148.312	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	582503	81.175	ng	0.00
79) Terphenyl-d14	20.192	244	986327	86.428	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.599	88	25950	29.185	ng	99
3) Pyridine	4.016	79	74872	27.962	ng	95
4) n-Nitrosodimethylamine	3.928	42	41098	34.547	ng	93
6) Aniline	7.583	93	149290	42.745	ng	100
8) 2-Chlorophenol	7.830	128	103395	48.295	ng	97
9) Benzaldehyde	7.395	77	63174	34.681	ng	98
10) Phenol	7.442	94	139354	46.633	ng	98
11) bis(2-Chloroethyl)ether	7.677	93	93543	41.468	ng	97
12) 1,3-Dichlorobenzene	8.159	146	99998	42.809	ng	98
13) 1,4-Dichlorobenzene	8.306	146	102849	43.106	ng	99
14) 1,2-Dichlorobenzene	8.629	146	100772	43.867	ng	99
15) Benzyl Alcohol	8.505	79	104034	46.598	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.793	45	149183	40.410	ng	98
17) 2-Methylphenol	8.711	107	98681	46.693	ng	98
18) Hexachloroethane	9.369	117	36764	43.272	ng	94
19) n-Nitroso-di-n-propyla...	9.075	70	90210	40.719	ng	97
20) 3+4-Methylphenols	9.040	107	137827	45.533	ng	99
22) Acetophenone	9.099	105	163987	40.673	ng	# 97
24) Nitrobenzene	9.486	77	124798	38.808	ng	98
25) Isophorone	10.009	82	252392	40.460	ng	97
26) 2-Nitrophenol	10.203	139	63291	44.943	ng	95
27) 2,4-Dimethylphenol	10.250	122	110216	50.132	ng	100
28) bis(2-Chloroethoxy)met...	10.485	93	142576	45.268	ng	97
29) 2,4-Dichlorophenol	10.744	162	111687	47.356	ng	98
30) 1,2,4-Trichlorobenzene	10.961	180	102979	42.782	ng	98
31) Naphthalene	11.155	128	334224	39.727	ng	99
32) Benzoic acid	10.403	122	61035	37.720	ng	98
33) 4-Chloroaniline	11.255	127	134907	37.508	ng	99
34) Hexachlorobutadiene	11.425	225	60841	44.238	ng	98
35) Caprolactam	12.031	113	19945	18.221	ng	93
36) 4-Chloro-3-methylphenol	12.360	107	131503	44.312	ng	96
37) 2-Methylnaphthalene	12.736	142	249070	41.062	ng	99
38) 1-Methylnaphthalene	12.953	142	238624	39.876	ng	100
40) 1,2,4,5-Tetrachloroben...	13.100	216	122974	43.411	ng	99
41) Hexachlorocyclopentadiene	13.071	237	135323	99.153	ng	96
43) 2,4,6-Trichlorophenol	13.329	196	92499	44.210	ng	97

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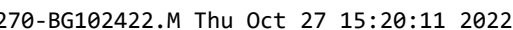
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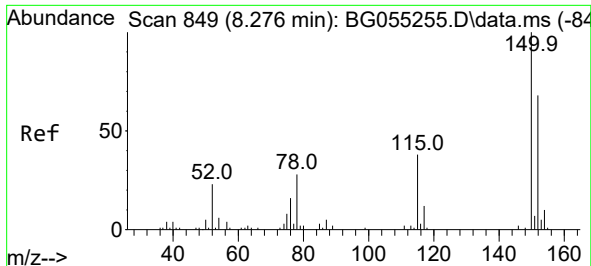
Quant Time: Oct 27 15:20:06 2022
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 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.405	196	102085	44.113	ng	97
46) 1,1'-Biphenyl	13.723	154	337587	41.907	ng	100
47) 2-Chloronaphthalene	13.776	162	257599	40.552	ng	99
48) 2-Nitroaniline	13.969	65	96137	38.698	ng	100
49) Acenaphthylene	14.616	152	437113	39.862	ng	99
50) Dimethylphthalate	14.328	163	366922	39.789	ng	100
51) 2,6-Dinitrotoluene	14.451	165	78725	41.953	ng	95
52) Acenaphthene	14.951	154	257052	36.775	ng	100
53) 3-Nitroaniline	14.786	138	79252	33.603	ng	100
54) 2,4-Dinitrophenol	14.998	184	90949	82.630	ng	95
55) Dibenzofuran	15.280	168	418803	39.937	ng	98
56) 4-Nitrophenol	15.092	139	136726	81.052	ng	98
57) 2,4-Dinitrotoluene	15.239	165	115453	42.398	ng	91
58) Fluorene	15.926	166	342830	39.290	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.503	232	84270	40.846	ng	97
60) Diethylphthalate	15.673	149	383717	39.117	ng	98
61) 4-Chlorophenyl-phenyle...	15.908	204	173728	43.327	ng	98
62) 4-Nitroaniline	15.944	138	94060	37.951	ng	98
63) Azobenzene	16.202	77	358922	37.558	ng	97
65) 4,6-Dinitro-2-methylph...	16.002	198	64202	43.356	ng	93
66) n-Nitrosodiphenylamine	16.120	169	312163	41.635	ng	99
67) 4-Bromophenyl-phenylether	16.801	248	115874	44.277	ng	97
68) Hexachlorobenzene	16.925	284	129038	43.609	ng	97
69) Atrazine	17.054	200	124219	48.724	ng	99
70) Pentachlorophenol	17.272	266	131403	78.651	ng	97
71) Phenanthrene	17.665	178	562381	39.148	ng	100
72) Anthracene	17.753	178	580591	41.341	ng	100
73) Carbazole	18.018	167	544471	40.308	ng	99
74) Di-n-butylphthalate	18.546	149	672757	39.843	ng	100
75) Fluoranthene	19.651	202	637576	38.089	ng	99
77) Benzidine	19.821	184	463863	80.797	ng	99
78) Pyrene	20.009	202	651059	40.059	ng	100
80) Butylbenzylphthalate	20.867	149	288393	37.551	ng	93
81) Benzo(a)anthracene	21.878	228	615545	38.659	ng	99
82) 3,3'-Dichlorobenzidine	21.778	252	205807	39.687	ng	98
83) Chrysene	21.948	228	574357	37.976	ng	99
84) Bis(2-ethylhexyl)phtha...	21.743	149	420546	38.332	ng	98
85) Di-n-octyl phthalate	23.006	149	702664	38.444	ng	97
87) Indeno(1,2,3-cd)pyrene	29.228	276	756546	40.486	ng	# 83
88) Benzo(b)fluoranthene	24.216	252	658614	43.276	ng	98
89) Benzo(k)fluoranthene	24.287	252	629503	40.963	ng	98
90) Benzo(a)pyrene	25.145	252	579738	44.421	ng	99
91) Dibenzo(a,h)anthracene	29.287	278	663097	43.240	ng	97
92) Benzo(g,h,i)perylene	30.462	276	644178	42.351	ng	99

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

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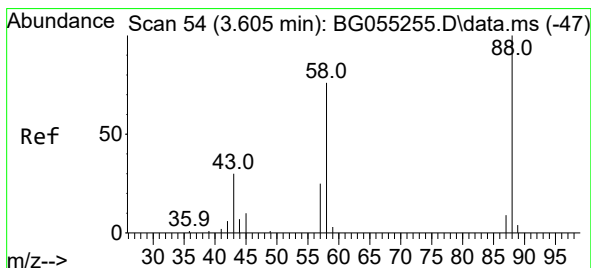
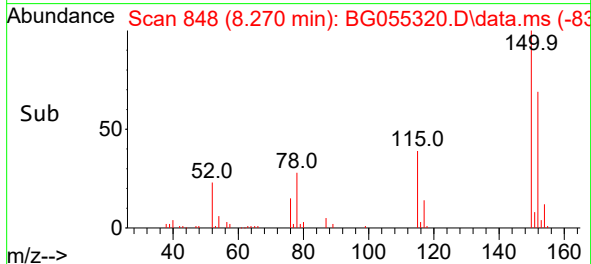
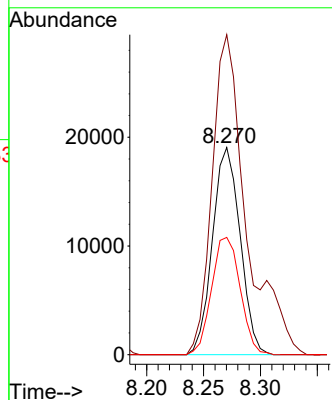
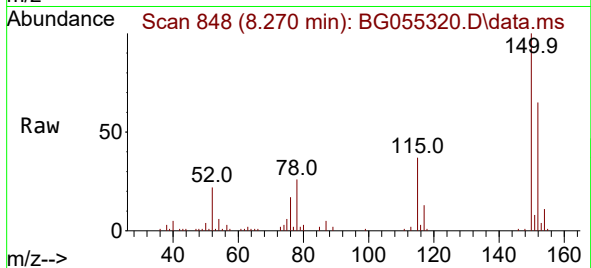




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.270 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BG055320.D
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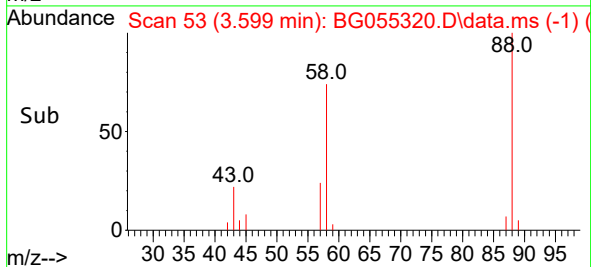
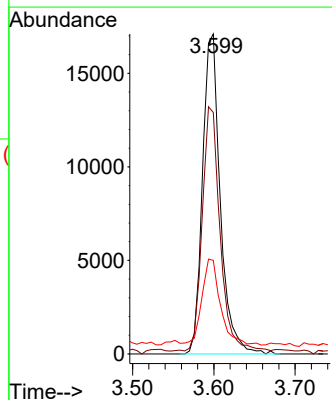
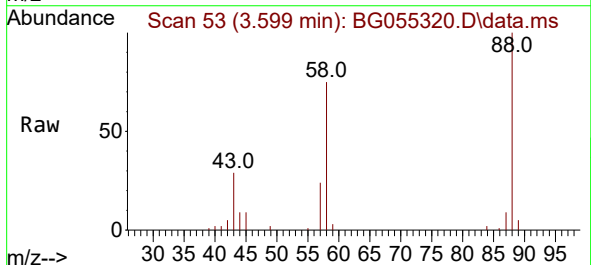
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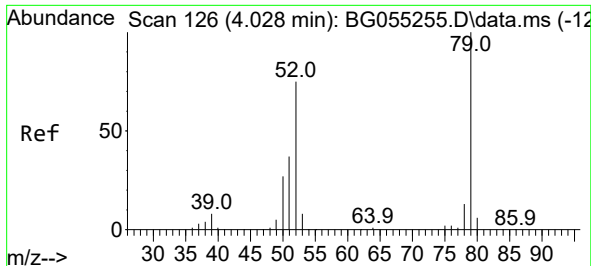
Tgt Ion:152 Resp: 32244
 Ion Ratio Lower Upper
 152 100
 150 154.5 118.2 177.4
 115 56.6 44.5 66.7



#2
 1,4-Dioxane
 Concen: 29.185 ng
 RT: 3.599 min Scan# 53
 Delta R.T. -0.006 min
 Lab File: BG055320.D
 Acq: 27 Oct 2022 12:21

Tgt Ion: 88 Resp: 25950
 Ion Ratio Lower Upper
 88 100
 58 77.2 61.0 91.6
 43 28.0 21.5 32.3

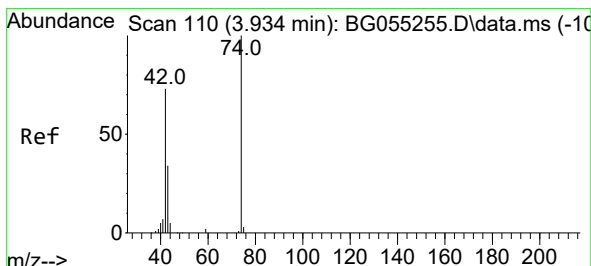
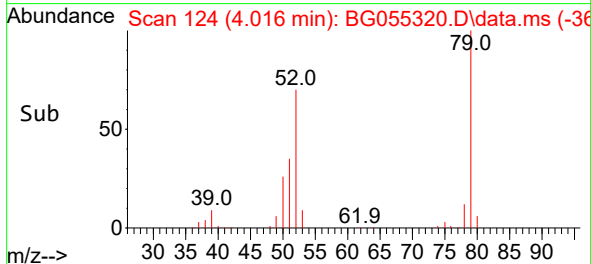
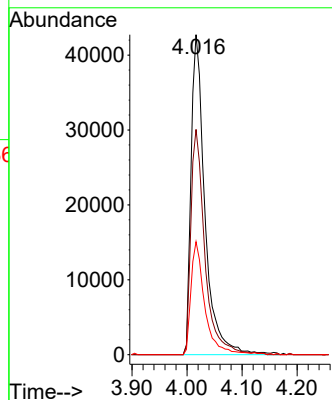
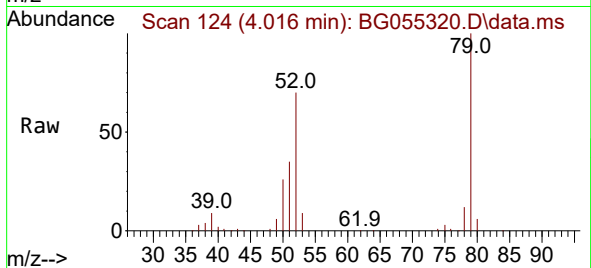




#3
Pyridine
Concen: 27.962 ng
RT: 4.016 min Scan# 110
Delta R.T. -0.012 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

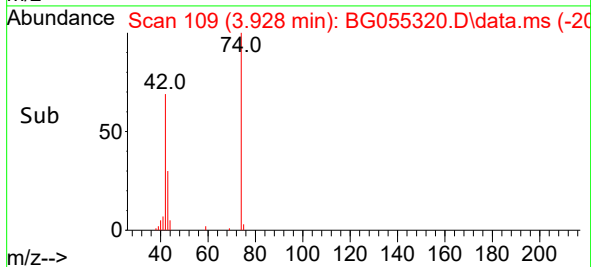
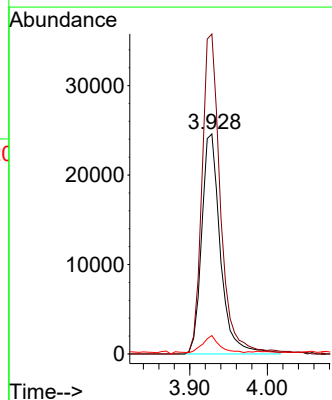
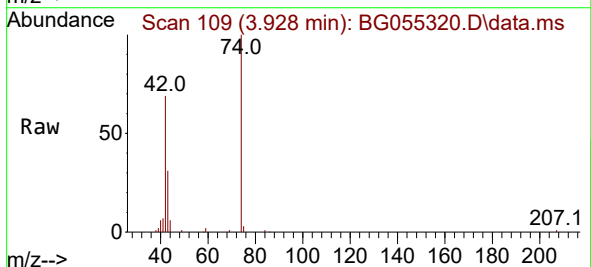
Instrument :
BNA_G
ClientSampleId :
PB148495BS

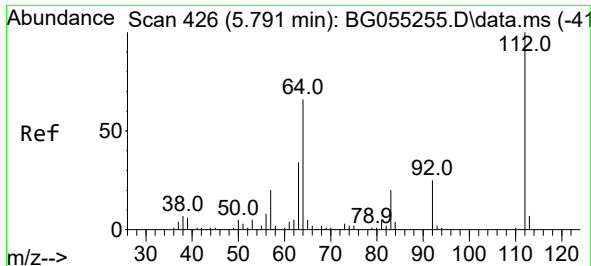
Tgt Ion: 79 Resp: 74872
Ion Ratio Lower Upper
79 100
52 70.4 59.9 89.9
51 35.3 30.3 45.5



#4
n-Nitrosodimethylamine
Concen: 34.547 ng
RT: 3.928 min Scan# 109
Delta R.T. -0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion: 42 Resp: 41098
Ion Ratio Lower Upper
42 100
74 145.5 109.8 164.6
44 8.3 6.5 9.7

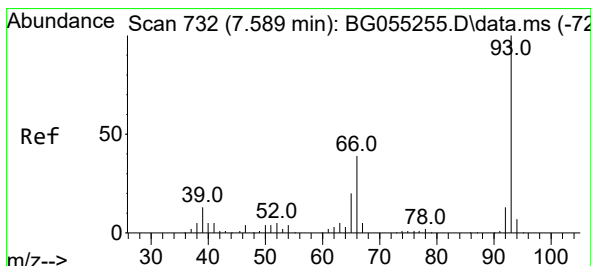
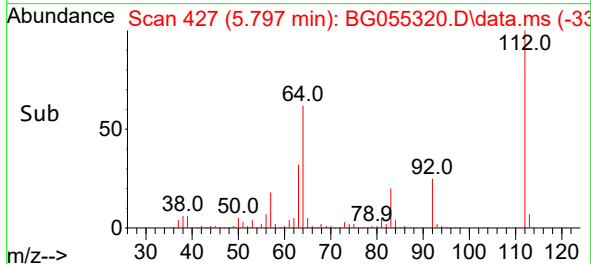
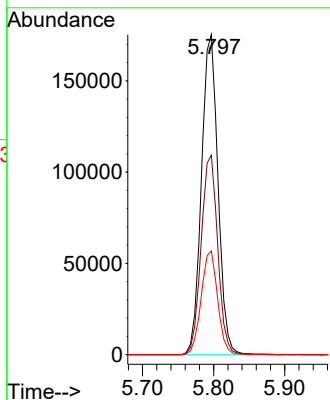
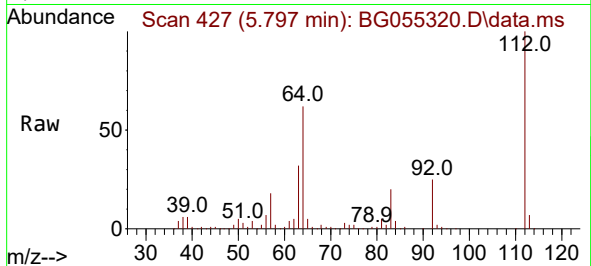




#5
2-Fluorophenol
Concen: 154.088 ng
RT: 5.797 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

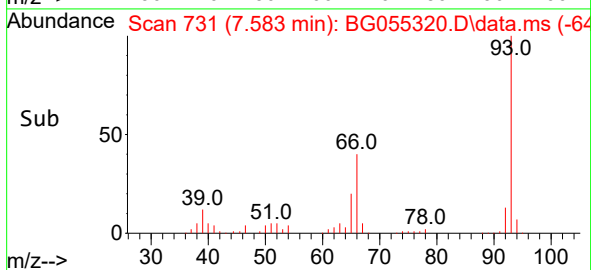
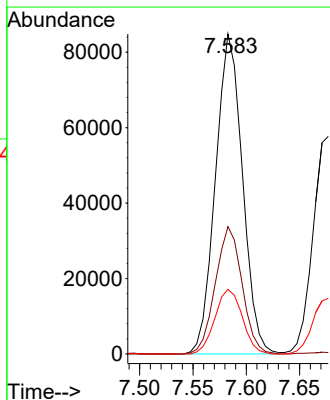
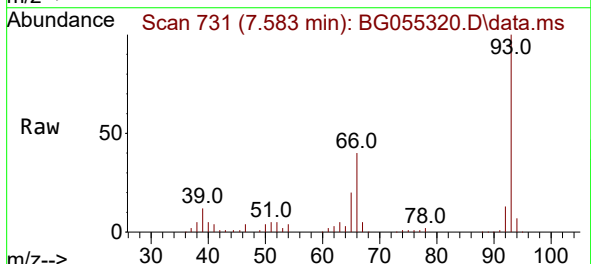
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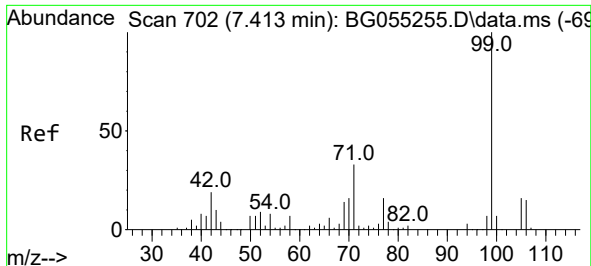
Tgt Ion:112 Resp: 283751
Ion Ratio Lower Upper
112 100
64 62.4 52.6 78.8
63 32.4 27.1 40.7



#6
Aniline
Concen: 42.745 ng
RT: 7.583 min Scan# 731
Delta R.T. -0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion: 93 Resp: 149290
Ion Ratio Lower Upper
93 100
66 39.8 31.6 47.4
65 20.2 16.0 24.0

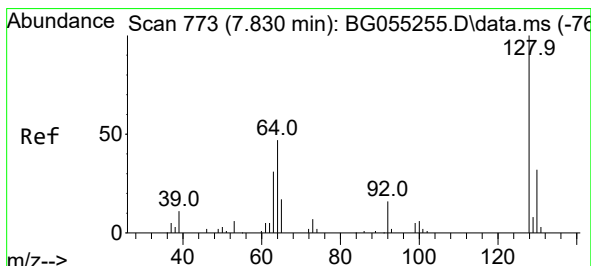
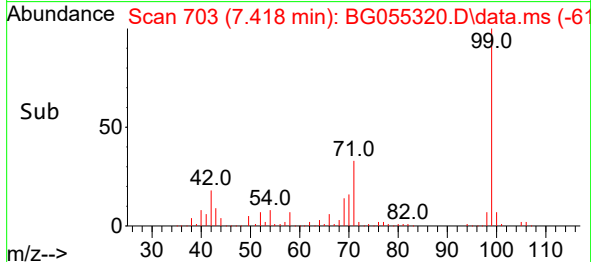
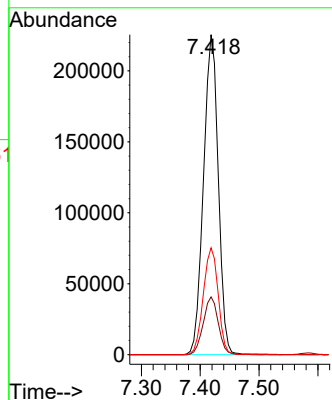
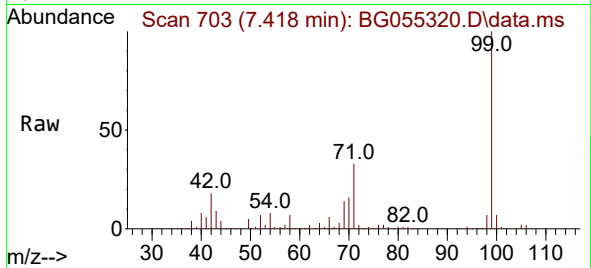




#7
Phenol-d6
Concen: 147.537 ng
RT: 7.418 min Scan# 702
Delta R.T. 0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

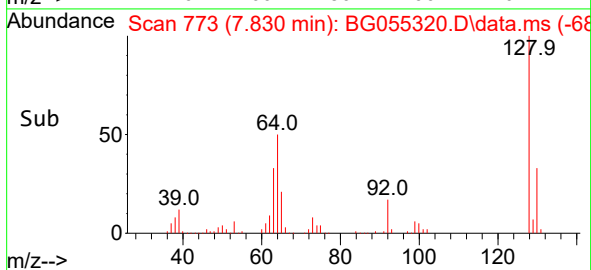
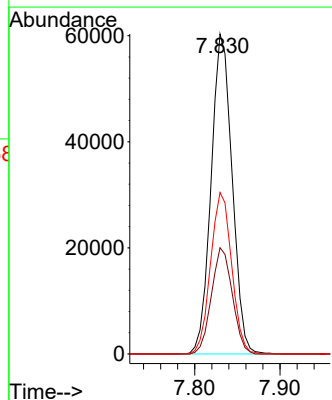
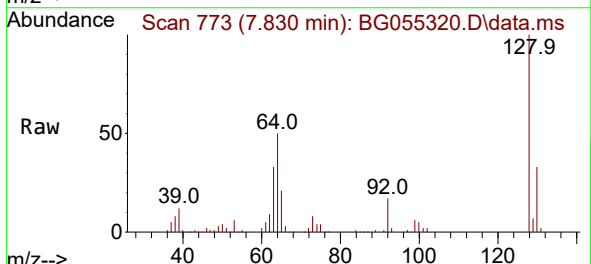
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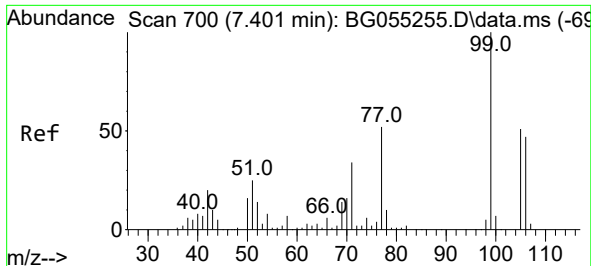
Tgt Ion: 99 Resp: 393613
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 33.4 26.2 39.4



#8
2-Chlorophenol
Concen: 48.295 ng
RT: 7.830 min Scan# 773
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:128 Resp: 103395
Ion Ratio Lower Upper
128 100
130 33.2 12.4 52.4
64 50.4 33.2 73.2

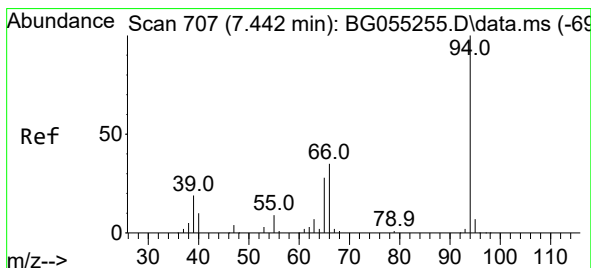
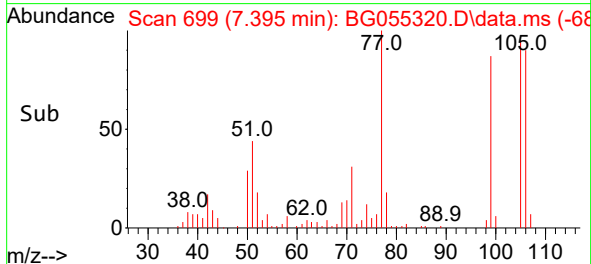
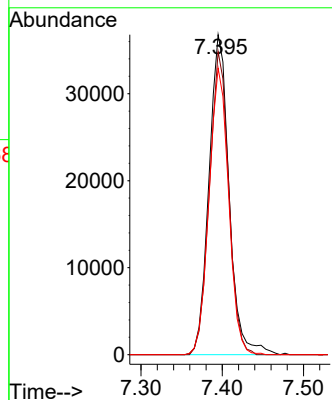
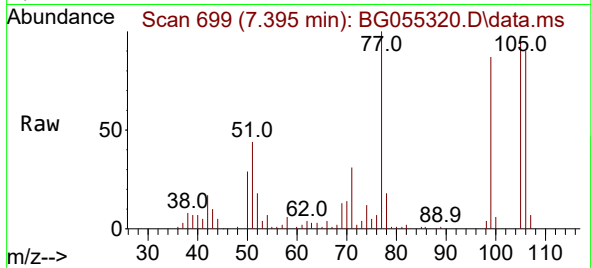




#9
Benzaldehyde
Concen: 34.681 ng
RT: 7.395 min Scan# 699
Delta R.T. -0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

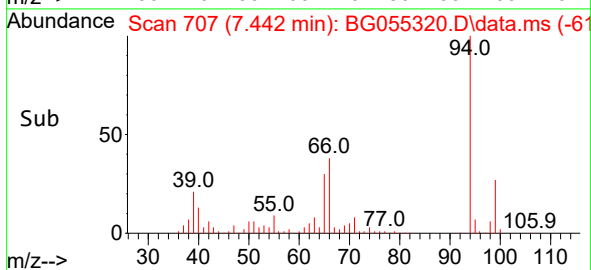
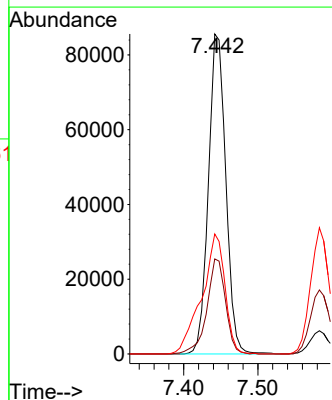
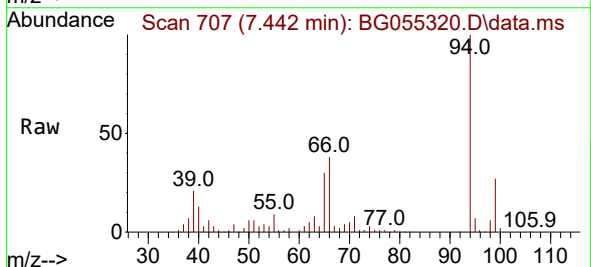
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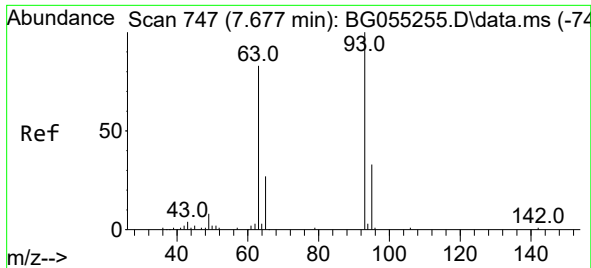
Tgt Ion: 77 Resp: 63174
Ion Ratio Lower Upper
77 100
105 94.7 77.9 117.9
106 89.6 69.9 109.9



#10
Phenol
Concen: 46.633 ng
RT: 7.442 min Scan# 707
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion: 94 Resp: 139354
Ion Ratio Lower Upper
94 100
65 29.7 8.4 48.4
66 37.5 16.3 56.3

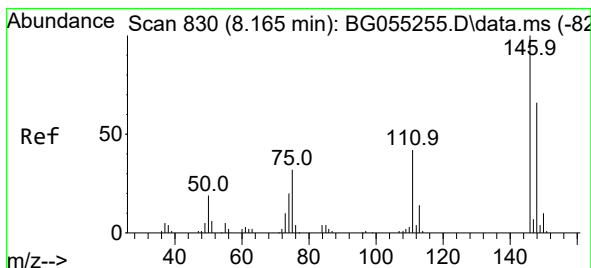
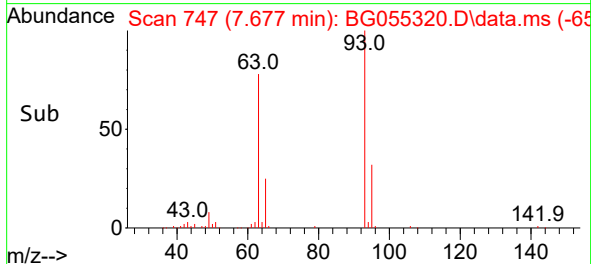
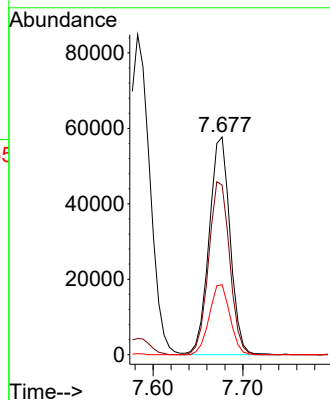
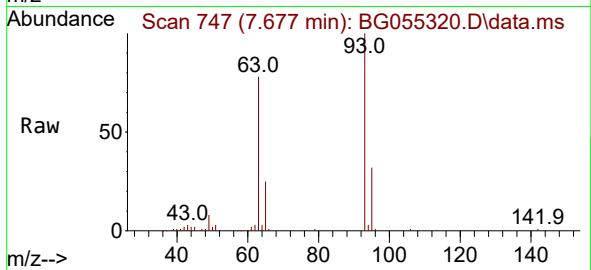




#11
bis(2-Chloroethyl)ether
Concen: 41.468 ng
RT: 7.677 min Scan# 747
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

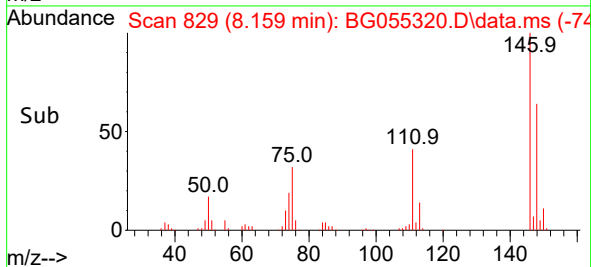
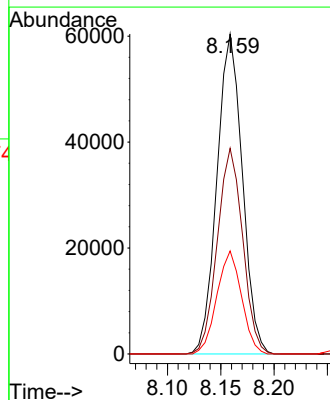
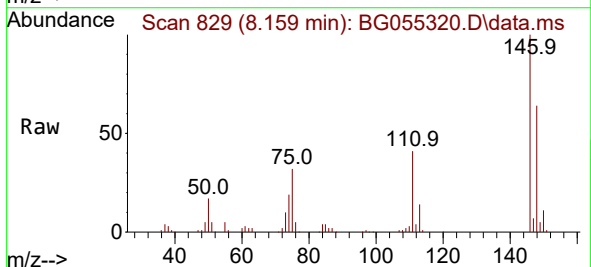
Instrument :
BNA_G
ClientSampleId :
PB148495BS

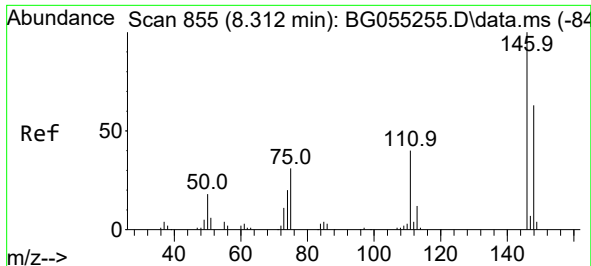
Tgt Ion: 93 Resp: 93543
Ion Ratio Lower Upper
93 100
63 77.9 62.0 102.0
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.809 ng
RT: 8.159 min Scan# 829
Delta R.T. -0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:146 Resp: 99998
Ion Ratio Lower Upper
146 100
148 64.2 52.9 79.3
75 32.2 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 43.106 ng

RT: 8.306 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

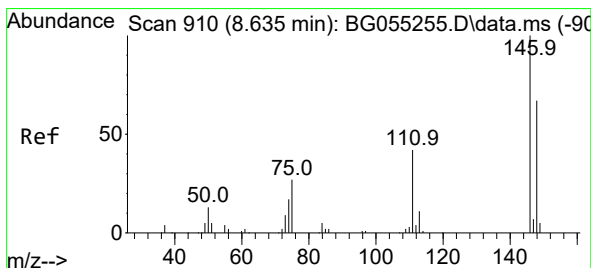
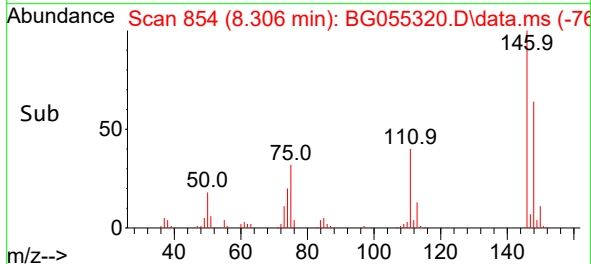
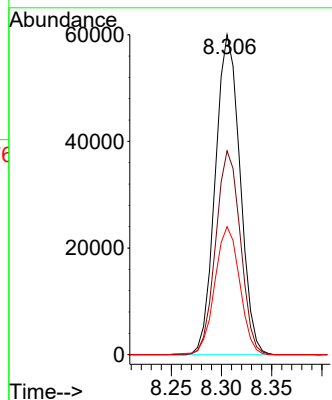
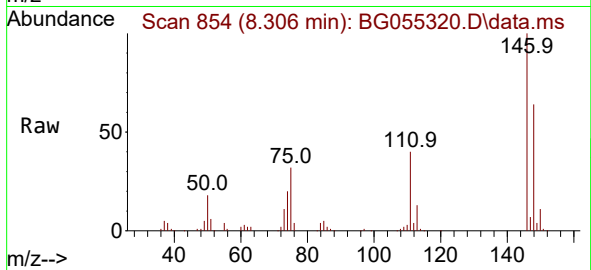
Tgt Ion:146 Resp: 102849

Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

111 40.0 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 43.867 ng

RT: 8.629 min Scan# 909

Delta R.T. -0.006 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

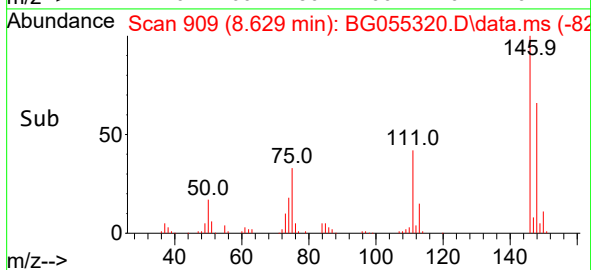
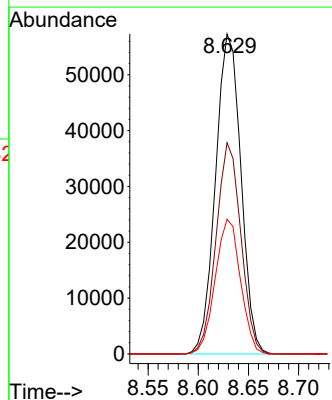
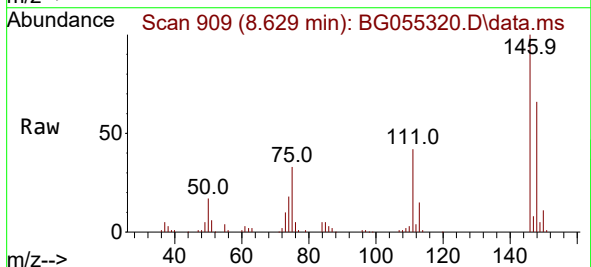
Tgt Ion:146 Resp: 100772

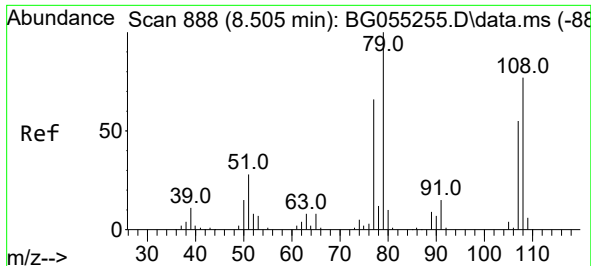
Ion Ratio Lower Upper

146 100

148 66.0 53.4 80.0

111 42.1 34.0 51.0





#15
Benzyl Alcohol
Concen: 46.598 ng
RT: 8.505 min Scan# 888
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

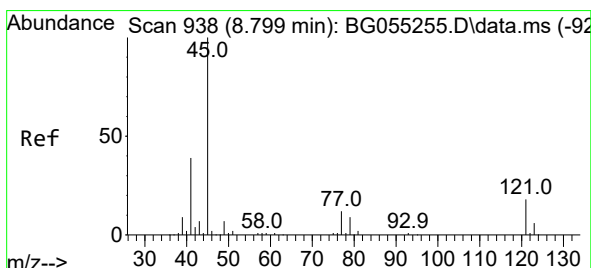
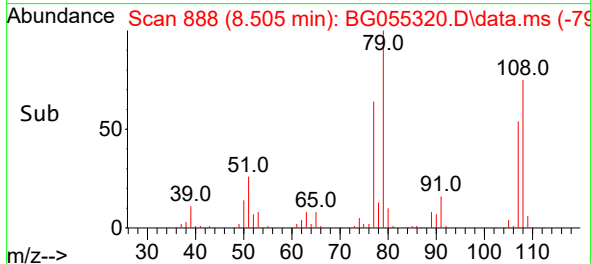
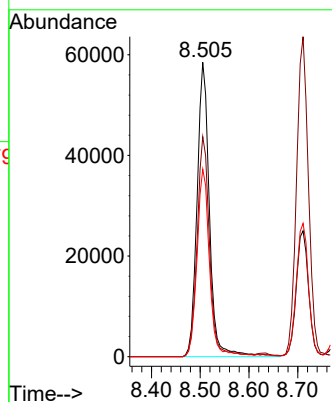
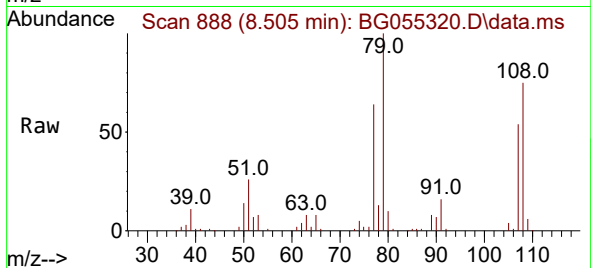
Instrument :

BNA_G

ClientSampleId :

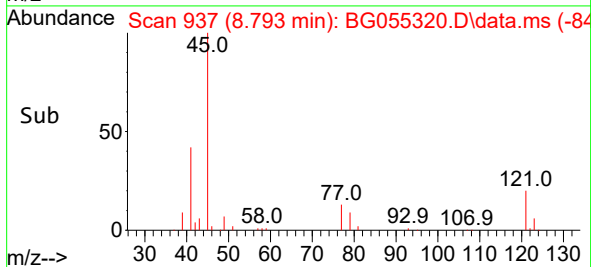
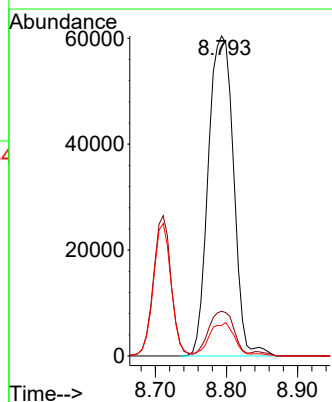
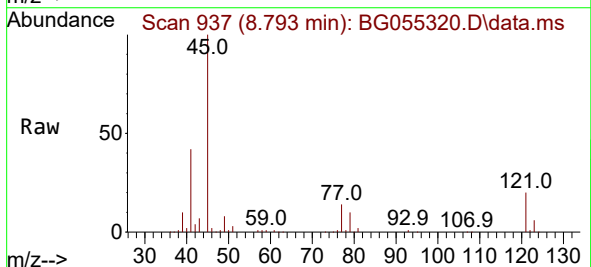
PB148495BS

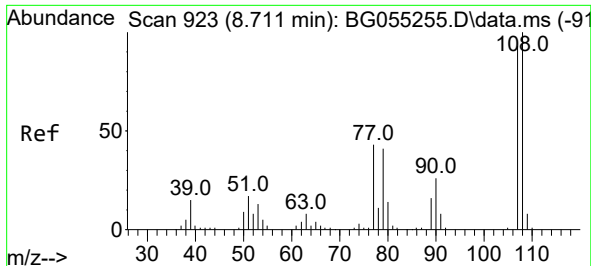
Tgt Ion: 79 Resp: 104034
Ion Ratio Lower Upper
79 100
108 74.7 61.3 91.9
77 63.7 52.7 79.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.410 ng
RT: 8.793 min Scan# 937
Delta R.T. -0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion: 45 Resp: 149183
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.9
79 9.6 0.0 29.6

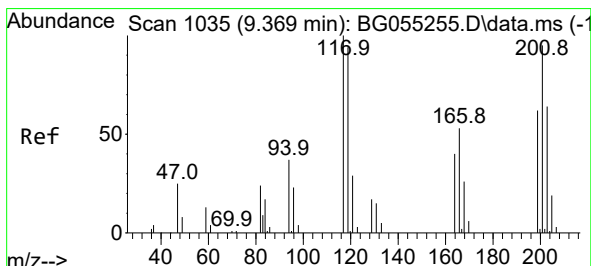
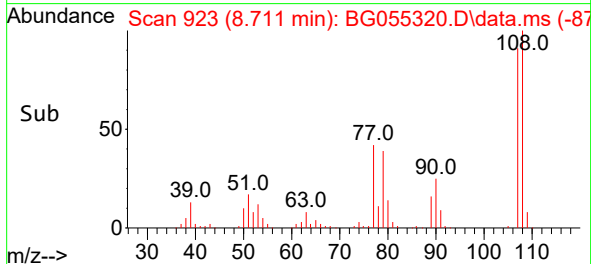
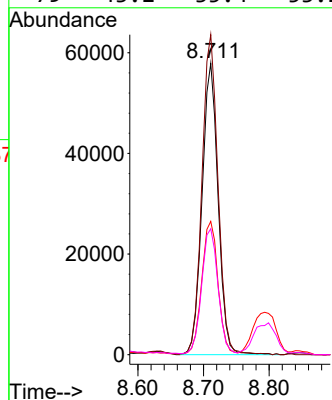
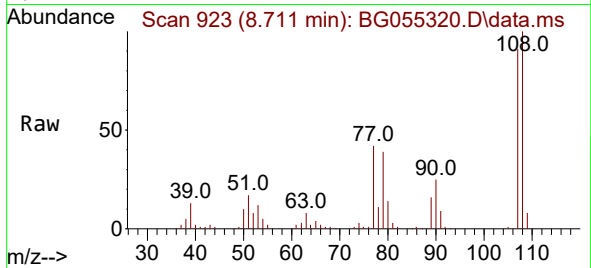




#17
2-Methylphenol
Concen: 46.693 ng
RT: 8.711 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

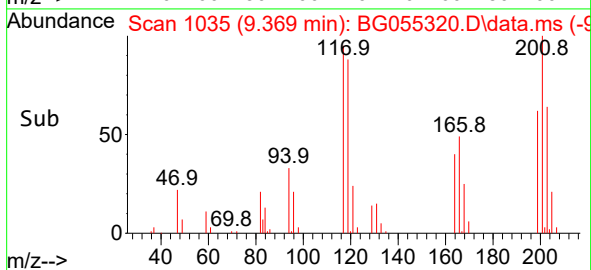
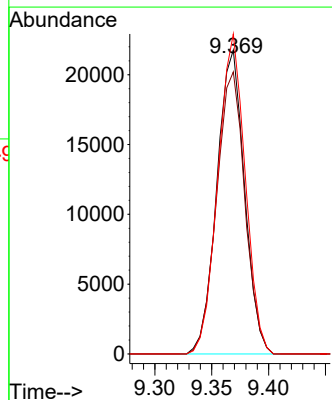
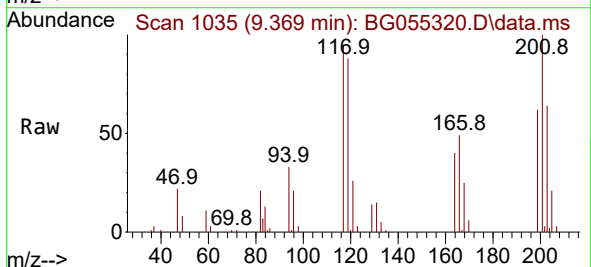
Instrument :
BNA_G
ClientSampleId :
PB148495BS

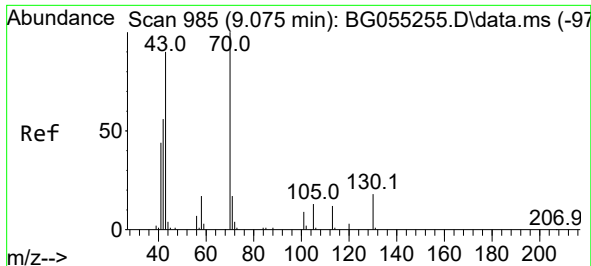
Tgt Ion:107 Resp: 98681
Ion Ratio Lower Upper
107 100
108 109.8 86.0 129.0
77 45.8 37.4 56.0
79 43.2 35.4 53.2



#18
Hexachloroethane
Concen: 43.272 ng
RT: 9.369 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:117 Resp: 36764
Ion Ratio Lower Upper
117 100
119 92.8 75.4 113.2
201 105.3 75.8 113.8

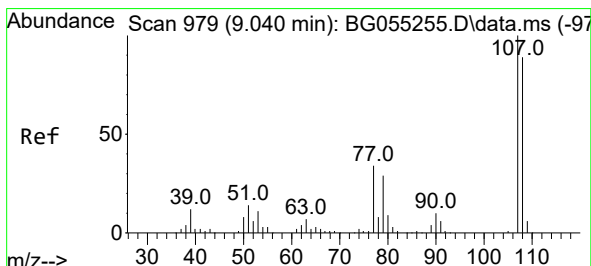
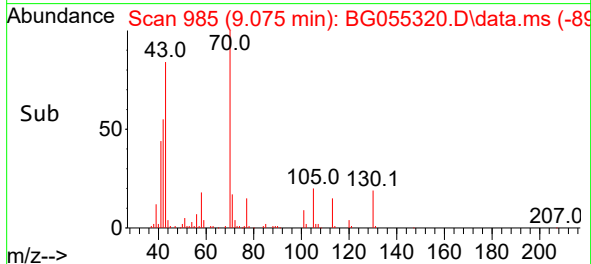
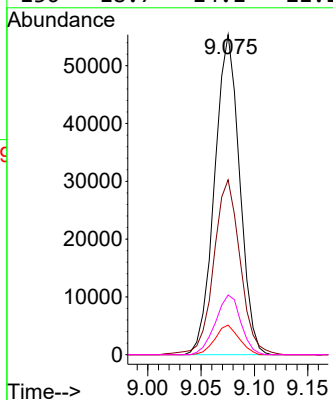
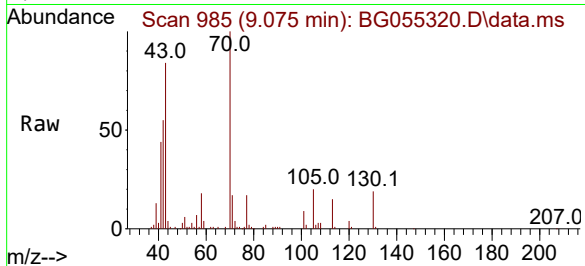




#19
n-Nitroso-di-n-propylamine
Concen: 40.719 ng
RT: 9.075 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

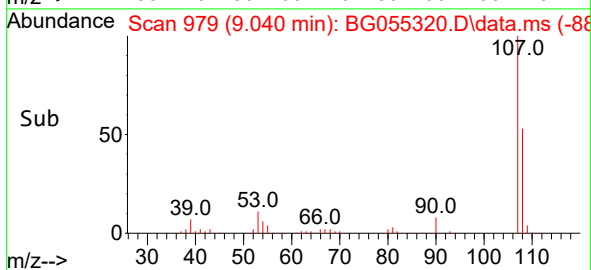
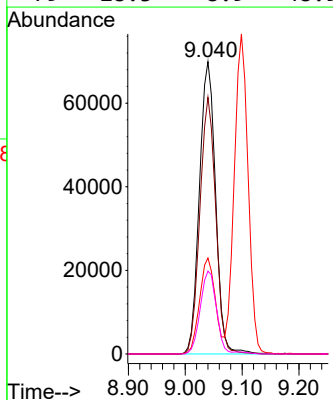
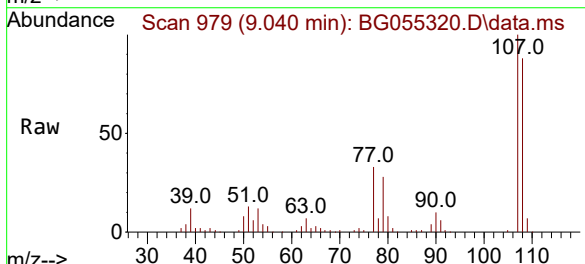
Instrument :
BNA_G
ClientSampleId :
PB148495BS

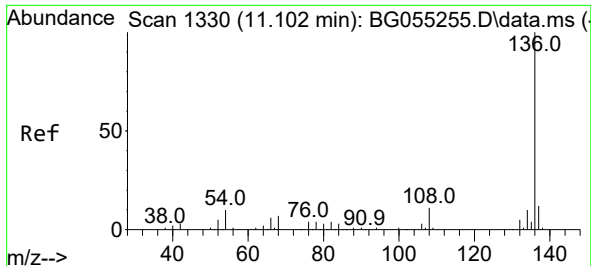
Tgt Ion:	70	Resp:	90210
Ion	Ratio	Lower	Upper
70	100		
42	54.7	45.8	68.6
101	9.2	7.4	11.0
130	18.7	14.1	21.1



#20
3+4-Methylphenols
Concen: 45.533 ng
RT: 9.040 min Scan# 979
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:	107	Resp:	137827
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.5	108.5
77	32.8	14.0	54.0
79	28.3	8.9	48.9

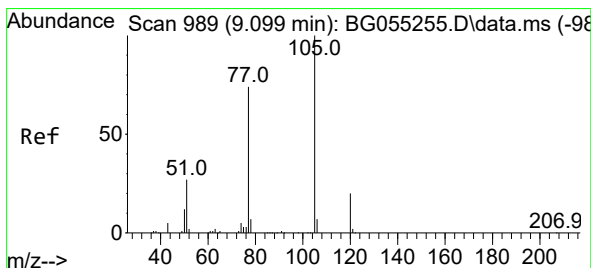
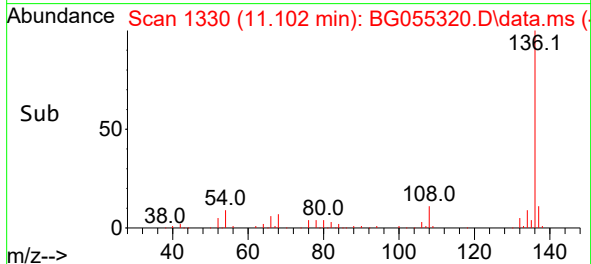
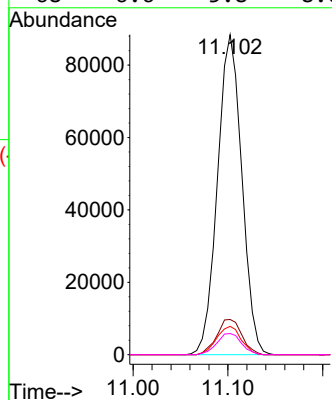
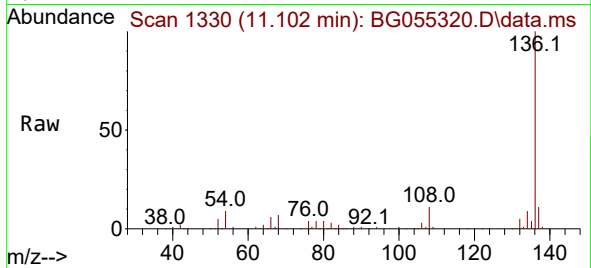




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

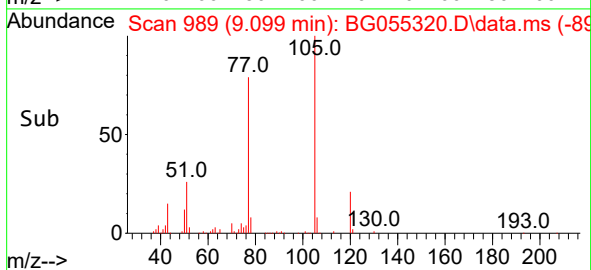
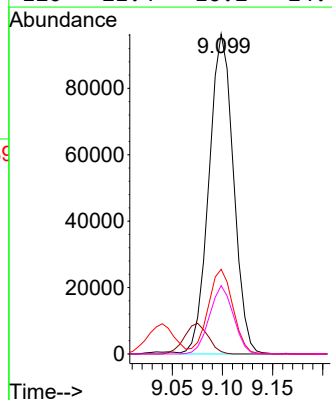
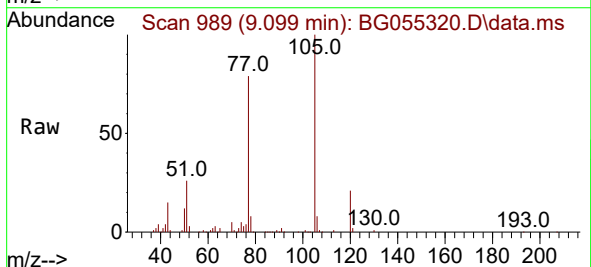
Instrument :
BNA_G
ClientSampleId :
PB148495BS

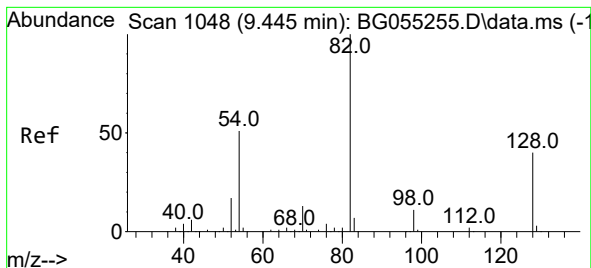
Tgt Ion:136 Resp: 157704
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.8 7.8 11.8
68 6.6 5.8 8.6



#22
Acetophenone
Concen: 40.673 ng
RT: 9.099 min Scan# 989
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:105 Resp: 163987
Ion Ratio Lower Upper
105 100
71 0.7 0.8 1.2#
51 26.4 22.9 34.3
120 21.4 16.2 24.4





#23

Nitrobenzene-d5

Concen: 78.424 ng

RT: 9.445 min Scan# 1048

Delta R.T. -0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

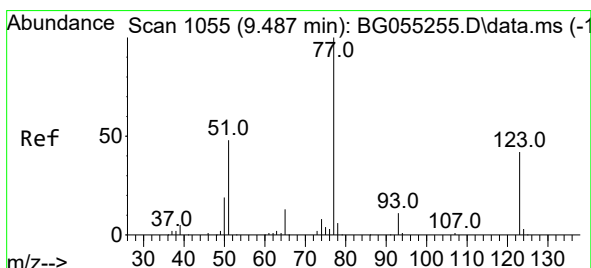
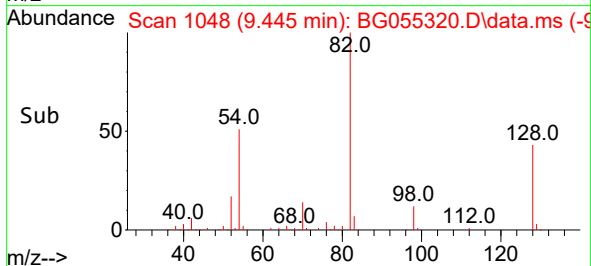
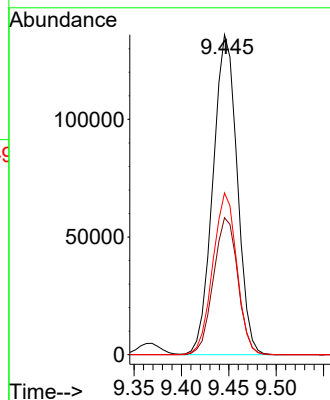
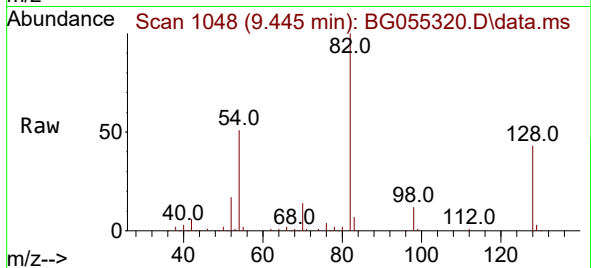
Tgt Ion: 82 Resp: 242206

Ion Ratio Lower Upper

82 100

128 42.8 32.0 48.0

54 50.5 40.9 61.3



#24

Nitrobenzene

Concen: 38.808 ng

RT: 9.486 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

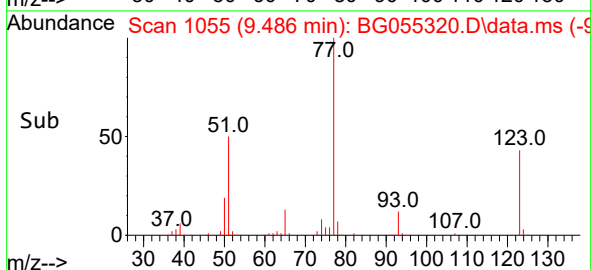
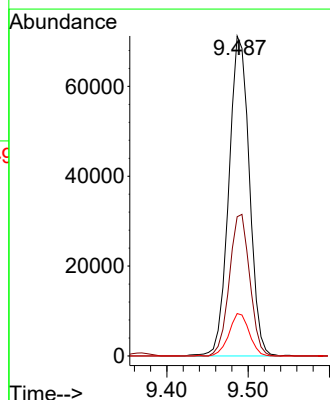
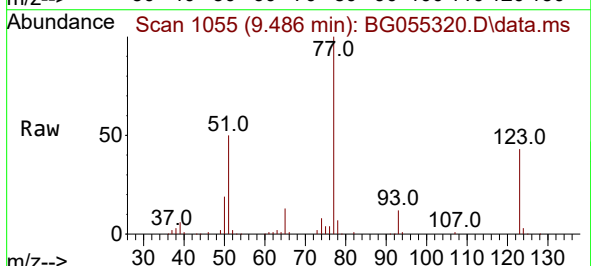
Tgt Ion: 77 Resp: 124798

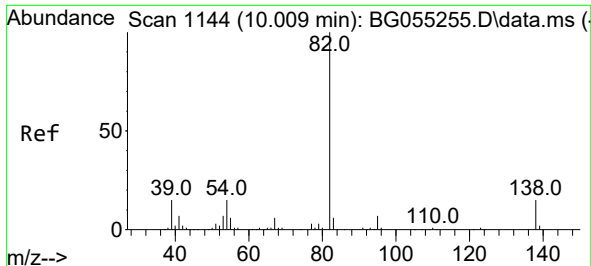
Ion Ratio Lower Upper

77 100

123 43.5 33.6 50.4

65 13.3 10.2 15.4

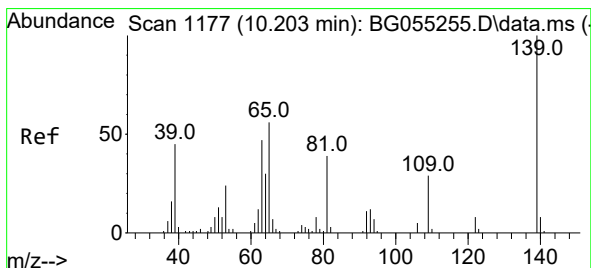
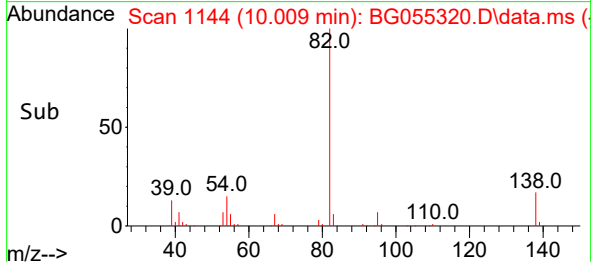
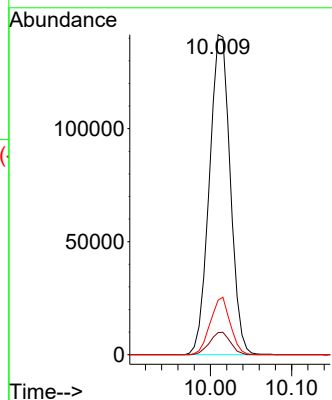
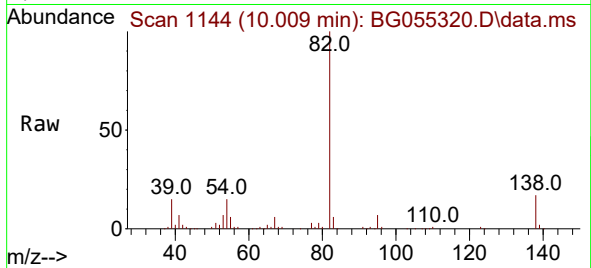




#25
Isophorone
Concen: 40.460 ng
RT: 10.009 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

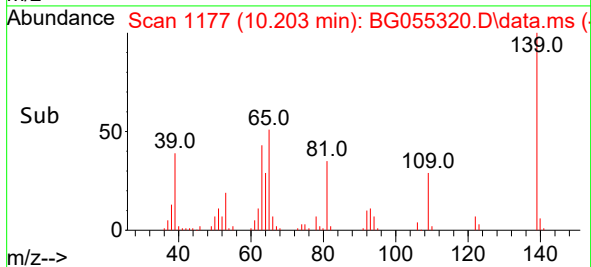
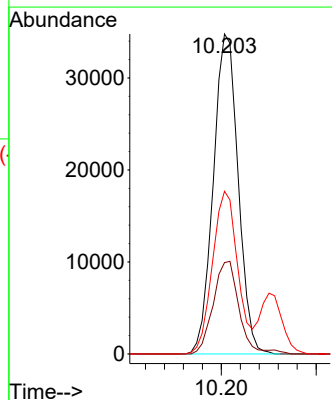
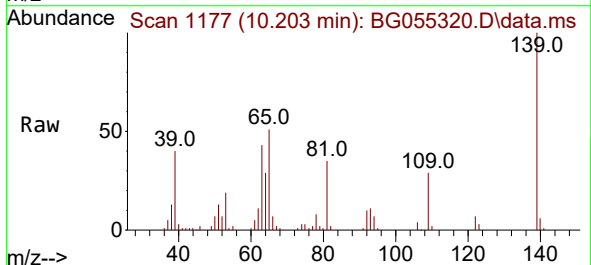
Instrument :
BNA_G
ClientSampleId :
PB148495BS

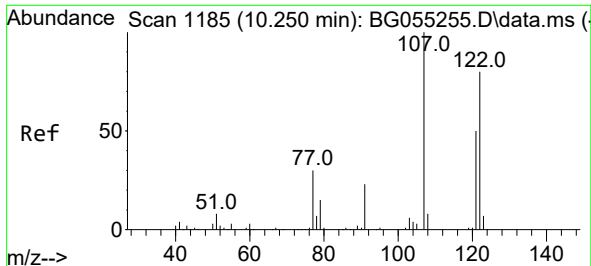
Tgt Ion: 82 Resp: 252392
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 17.0 12.2 18.4



#26
2-Nitrophenol
Concen: 44.943 ng
RT: 10.203 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:139 Resp: 63291
Ion Ratio Lower Upper
139 100
109 28.6 23.3 34.9
65 50.9 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 50.132 ng

RT: 10.250 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

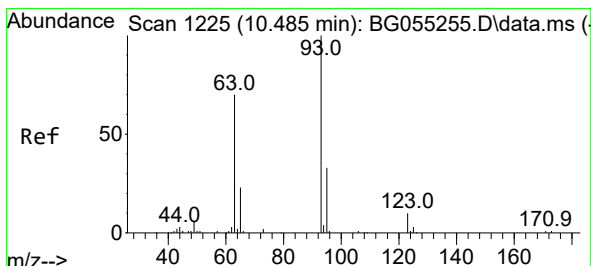
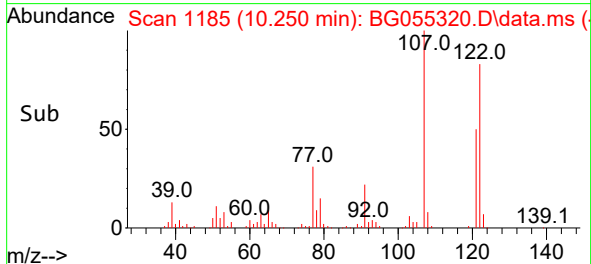
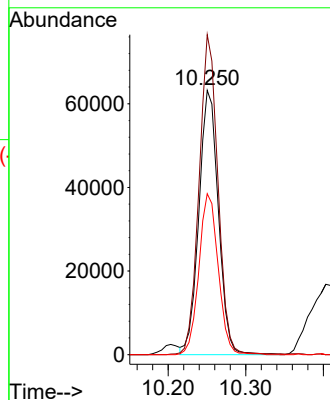
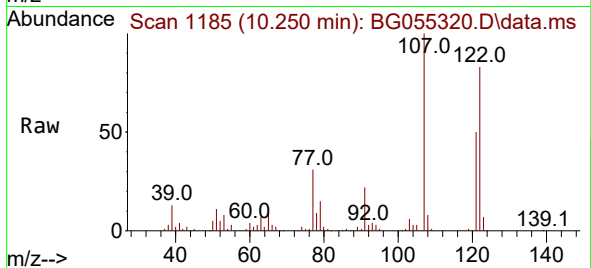
Tgt Ion:122 Resp: 110216

Ion Ratio Lower Upper

122 100

107 121.1 97.3 145.9

121 60.9 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 45.268 ng

RT: 10.485 min Scan# 1225

Delta R.T. -0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

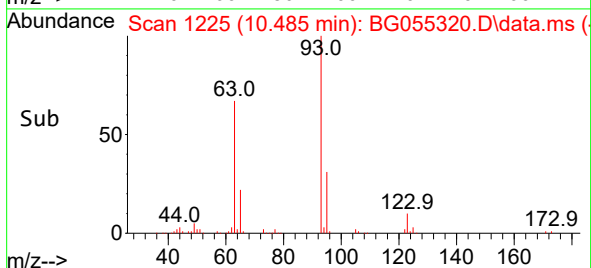
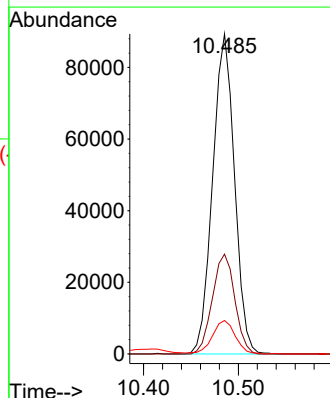
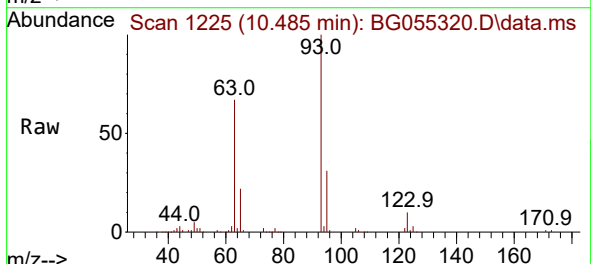
Tgt Ion: 93 Resp: 142576

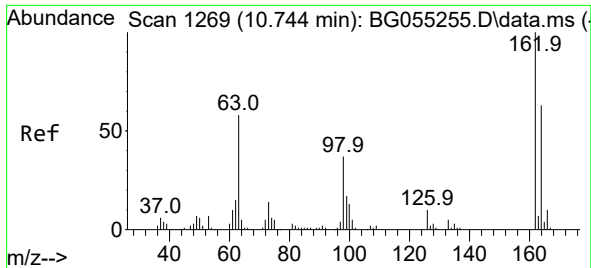
Ion Ratio Lower Upper

93 100

95 31.2 26.3 39.5

123 10.4 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 47.356 ng

RT: 10.744 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

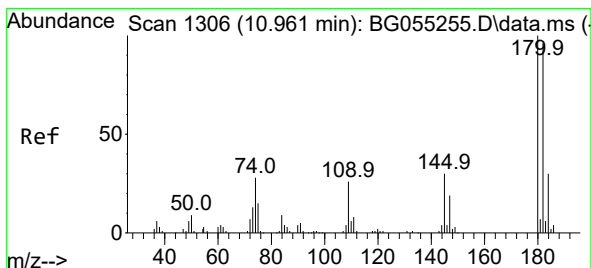
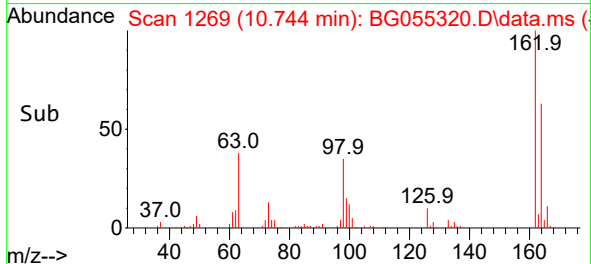
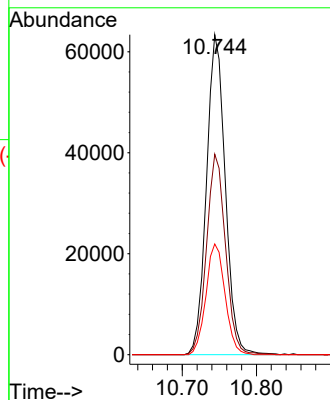
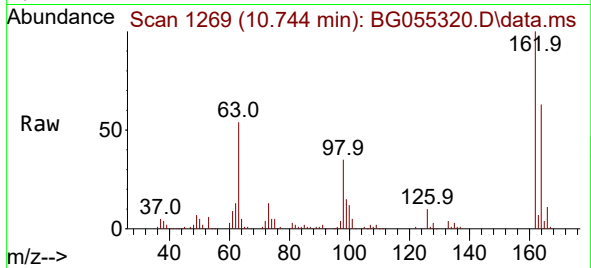
Tgt Ion:162 Resp: 111687

Ion Ratio Lower Upper

162 100

164 62.7 42.9 82.9

98 34.6 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 42.782 ng

RT: 10.961 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

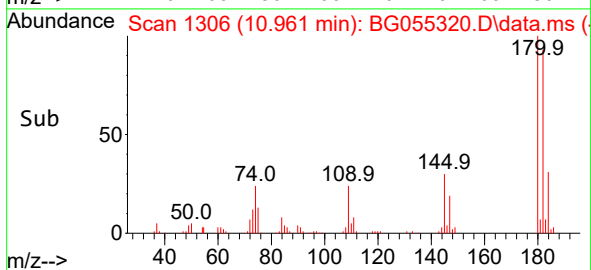
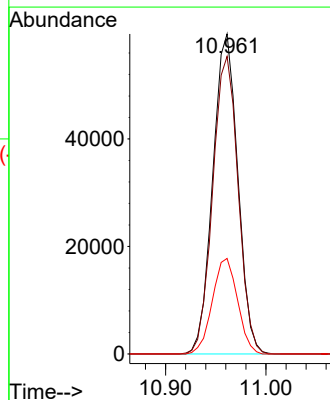
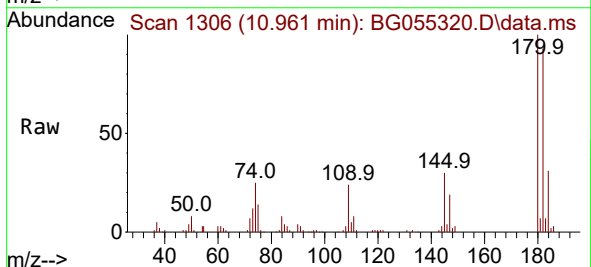
Tgt Ion:180 Resp: 102979

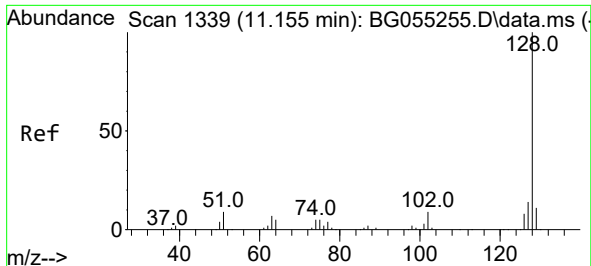
Ion Ratio Lower Upper

180 100

182 93.0 76.4 114.6

145 29.9 24.4 36.6

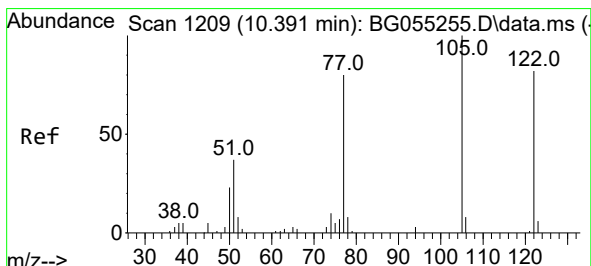
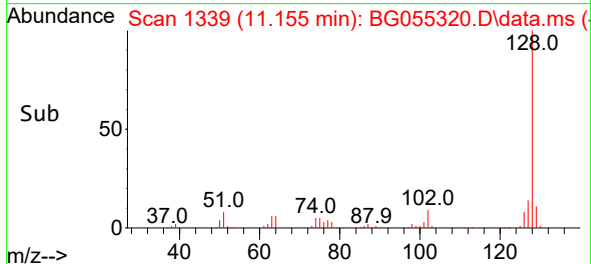
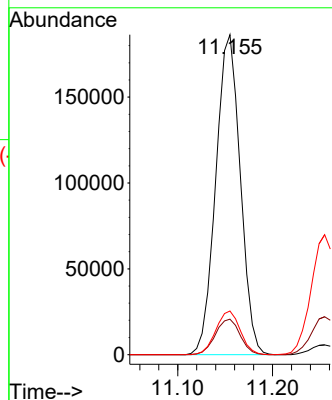
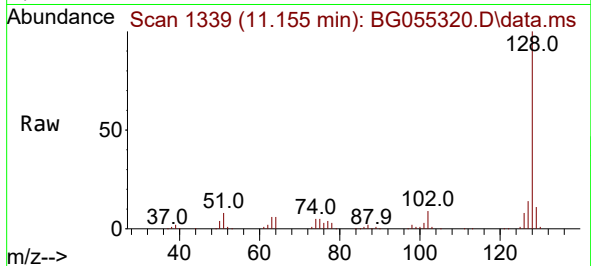




#31
Naphthalene
Concen: 39.727 ng
RT: 11.155 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

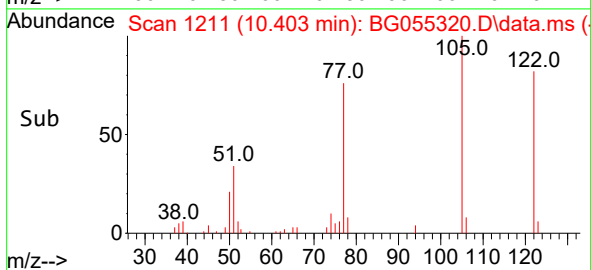
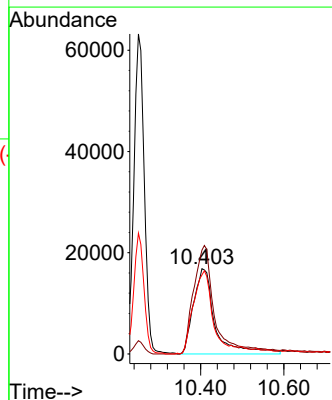
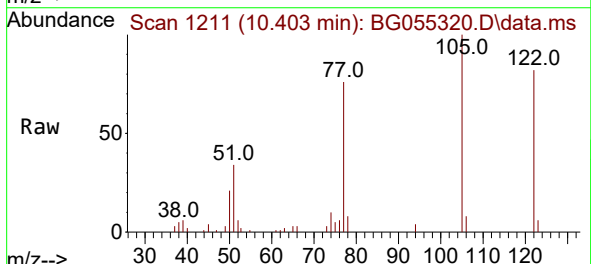
Instrument :
BNA_G
ClientSampleId :
PB148495BS

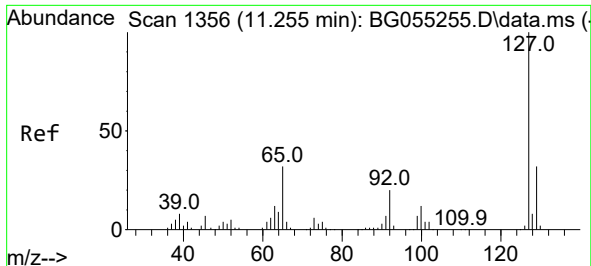
Tgt Ion:128 Resp: 334224
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 37.720 ng
RT: 10.403 min Scan# 1211
Delta R.T. 0.012 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:122 Resp: 61035
Ion Ratio Lower Upper
122 100
105 121.7 101.3 141.3
77 92.7 76.9 116.9

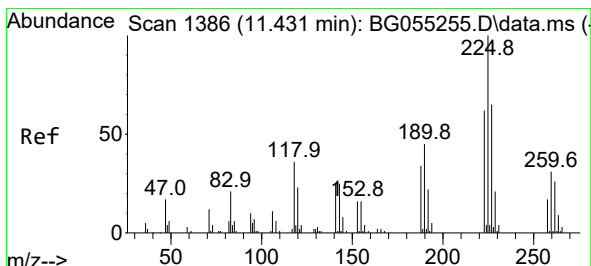
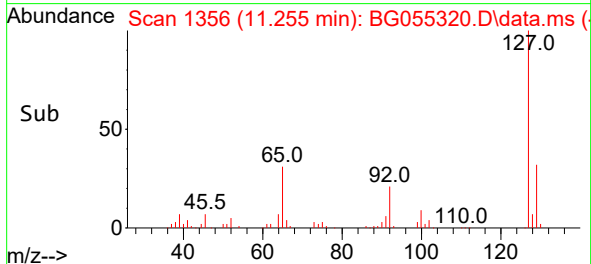
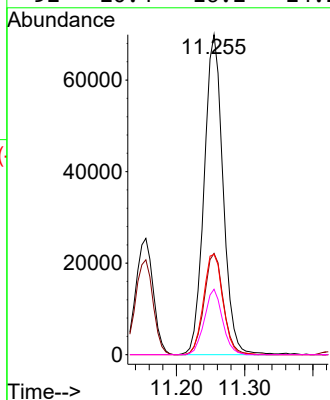
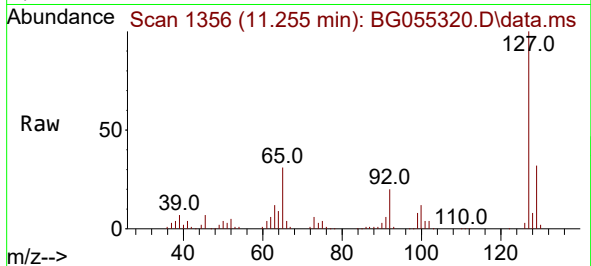




#33
4-Chloroaniline
Concen: 37.508 ng
RT: 11.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

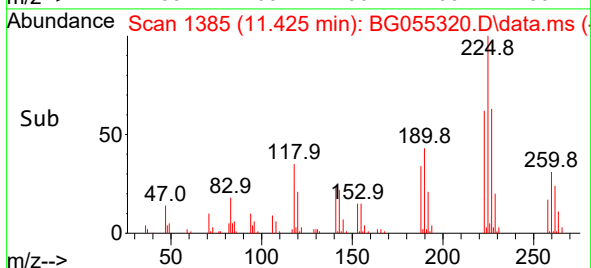
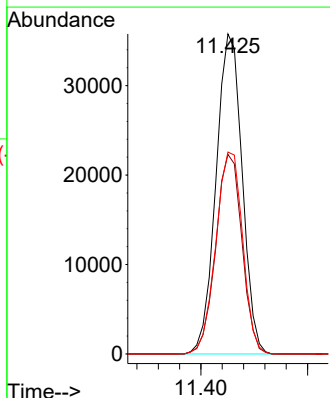
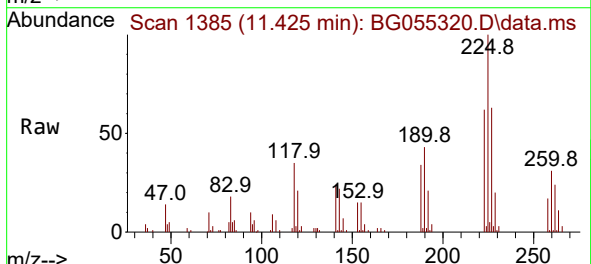
Instrument :
BNA_G
ClientSampleId :
PB148495BS

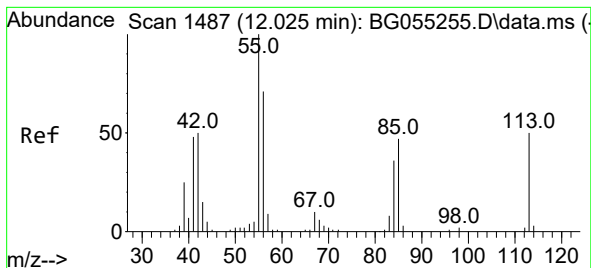
Tgt Ion:	127	Resp:	134907
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.0
65	31.3	25.5	38.3
92	20.4	16.2	24.2



#34
Hexachlorobutadiene
Concen: 44.238 ng
RT: 11.425 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:	225	Resp:	60841
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.2
227	63.1	52.4	78.6





#35

Caprolactam

Concen: 18.221 ng

RT: 12.031 min Scan# 1488

Delta R.T. 0.006 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

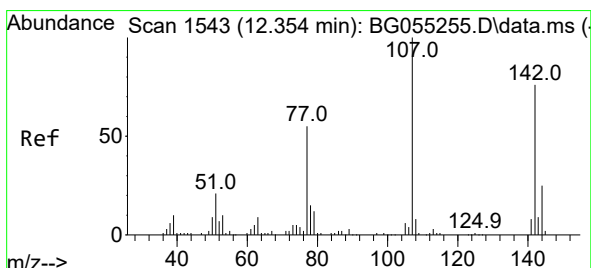
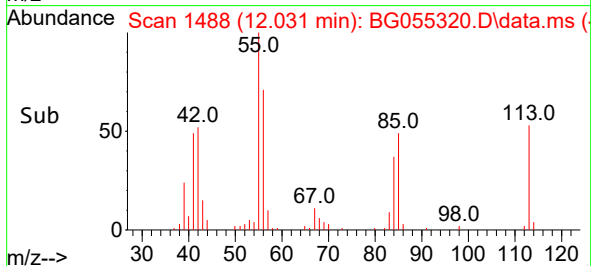
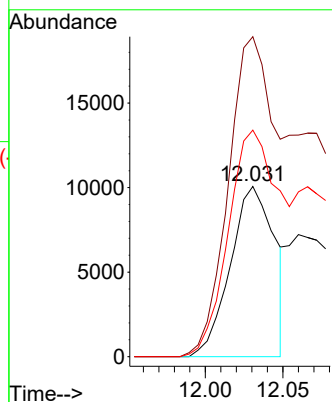
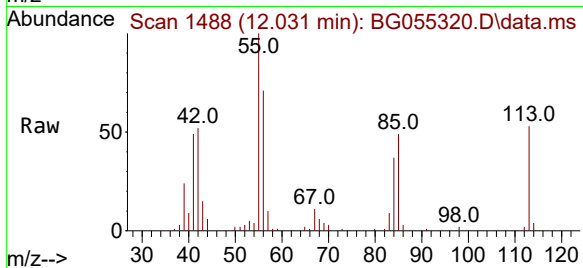
Tgt Ion:113 Resp: 19945

Ion Ratio Lower Upper

113 100

55 188.0 178.2 218.2

56 133.1 121.0 161.0



#36

4-Chloro-3-methylphenol

Concen: 44.312 ng

RT: 12.360 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

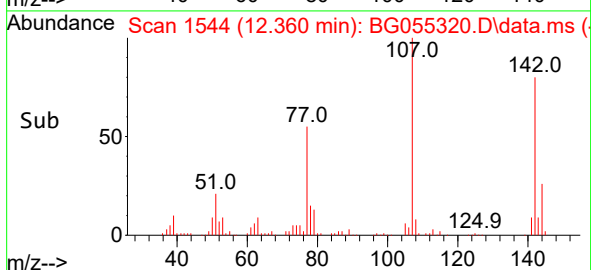
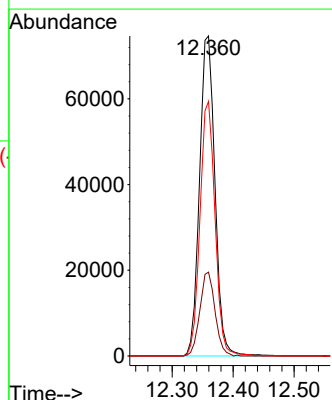
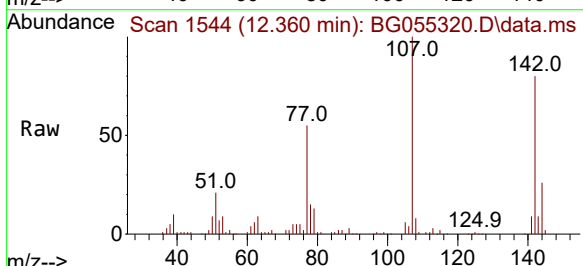
Tgt Ion:107 Resp: 131503

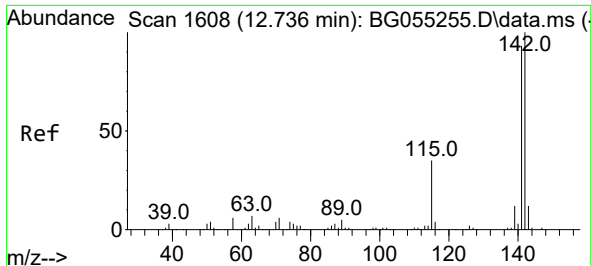
Ion Ratio Lower Upper

107 100

144 26.2 20.3 30.5

142 79.6 60.5 90.7





#37

2-Methylnaphthalene

Concen: 41.062 ng

RT: 12.736 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

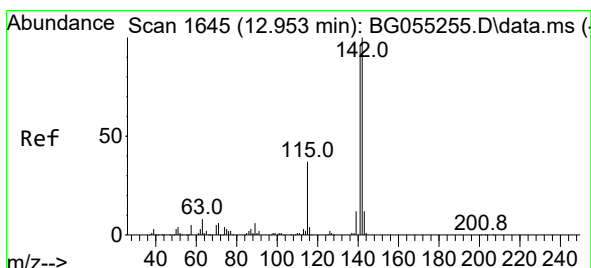
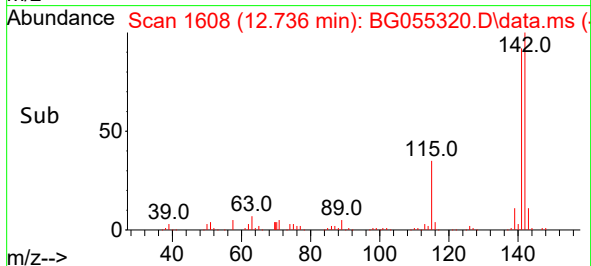
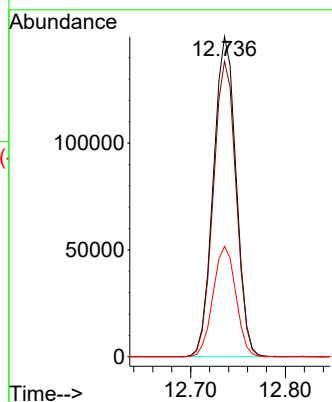
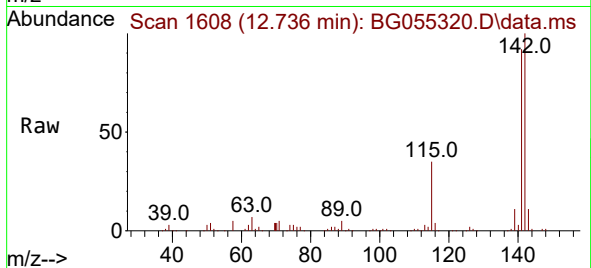
Tgt Ion:142 Resp: 249070

Ion Ratio Lower Upper

142 100

141 92.4 74.0 111.0

115 34.5 28.3 42.5



#38

1-Methylnaphthalene

Concen: 39.876 ng

RT: 12.953 min Scan# 1645

Delta R.T. 0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

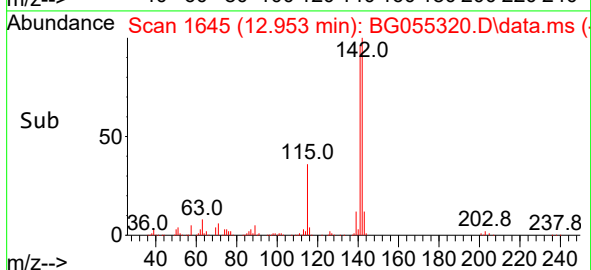
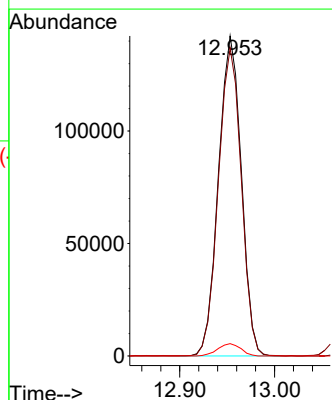
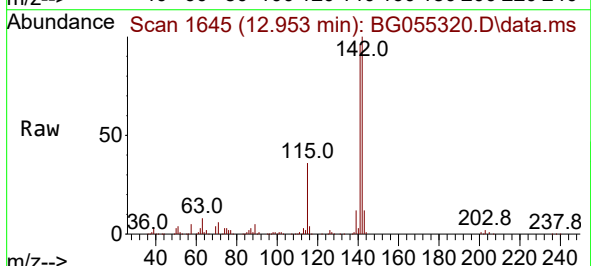
Tgt Ion:142 Resp: 238624

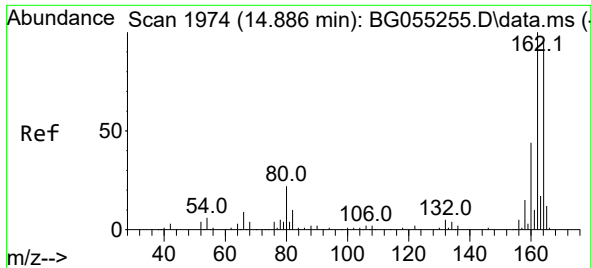
Ion Ratio Lower Upper

142 100

141 96.2 77.1 115.7

116 3.8 3.0 4.6

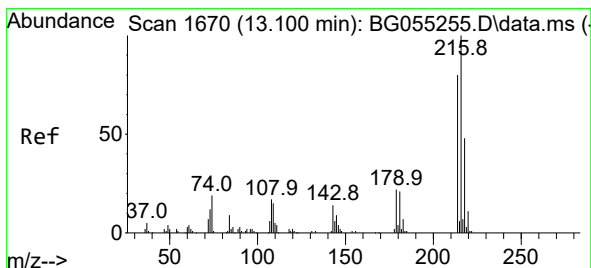
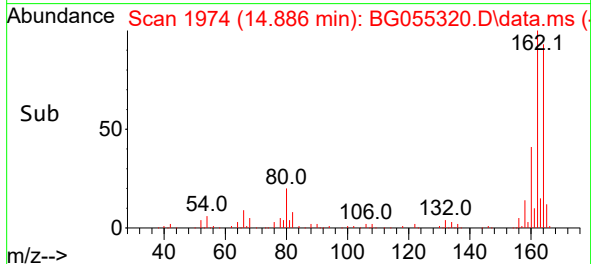
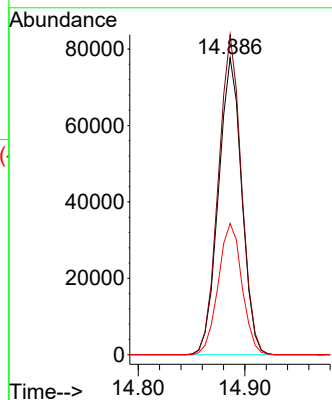
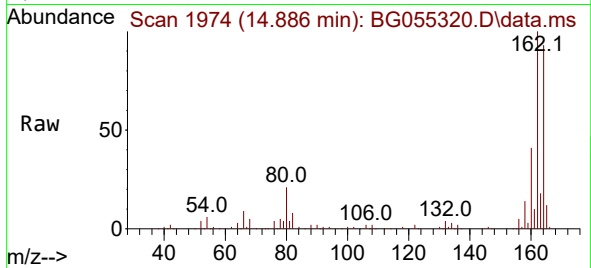




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

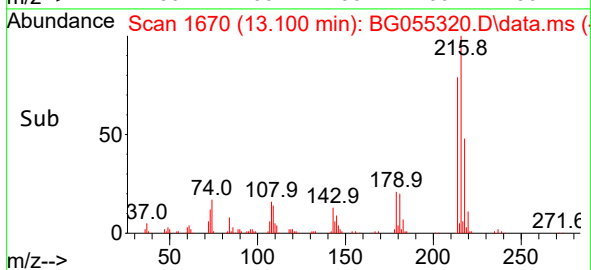
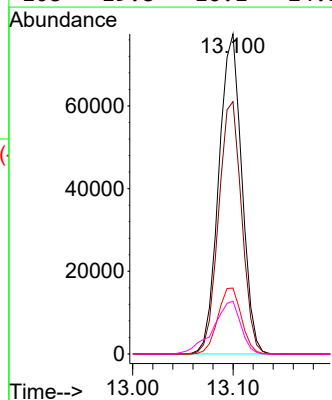
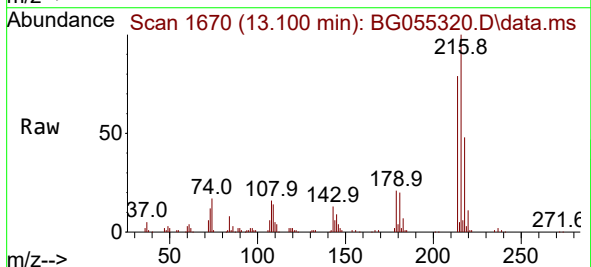
Instrument :
BNA_G
ClientSampleId :
PB148495BS

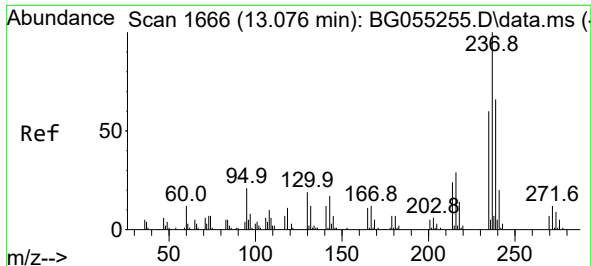
Tgt Ion:164 Resp: 117452
Ion Ratio Lower Upper
164 100
162 107.7 84.0 126.0
160 44.2 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.411 ng
RT: 13.100 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:216 Resp: 122974
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.2
179 21.1 17.2 25.8
108 19.8 16.1 24.1

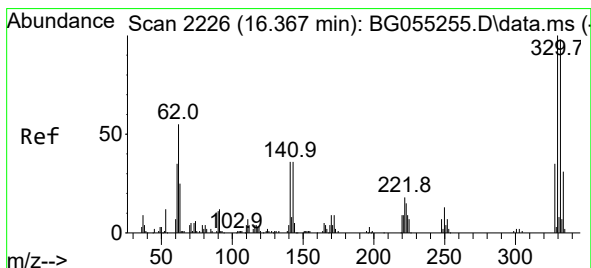
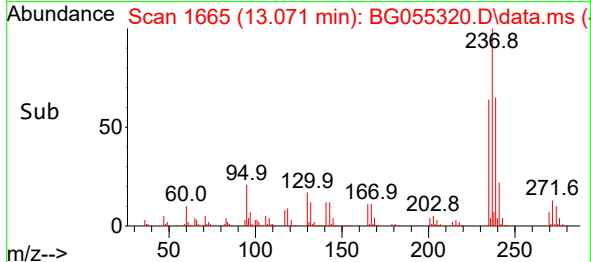
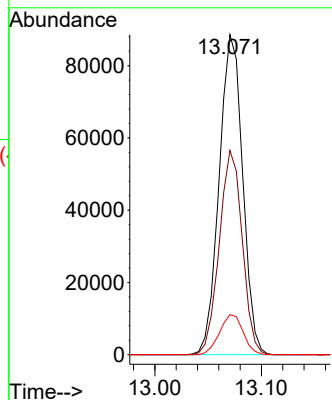
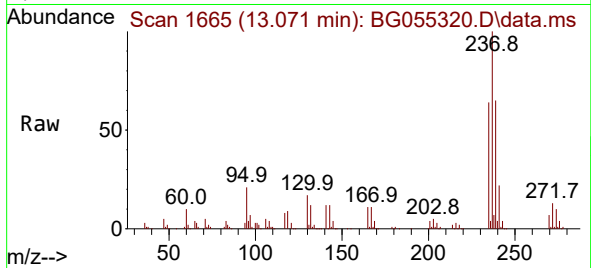




#41
Hexachlorocyclopentadiene
Concen: 99.153 ng
RT: 13.071 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

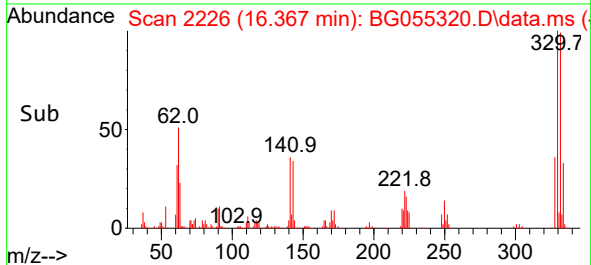
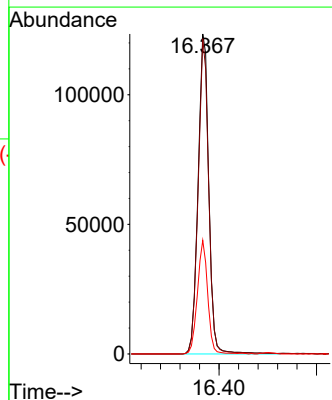
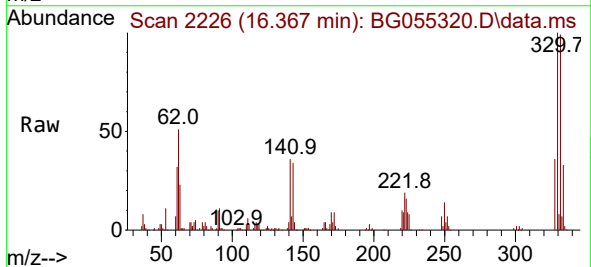
Instrument :
BNA_G
ClientSampleId :
PB148495BS

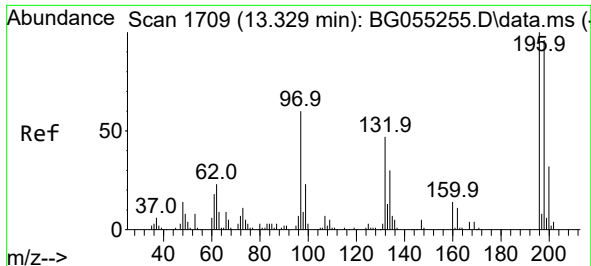
Tgt Ion:237 Resp: 135323
Ion Ratio Lower Upper
237 100
235 63.8 40.4 80.4
272 12.5 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 148.312 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:330 Resp: 189366
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 34.0 29.8 44.8





#43

2,4,6-Trichlorophenol

Concen: 44.210 ng

RT: 13.329 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

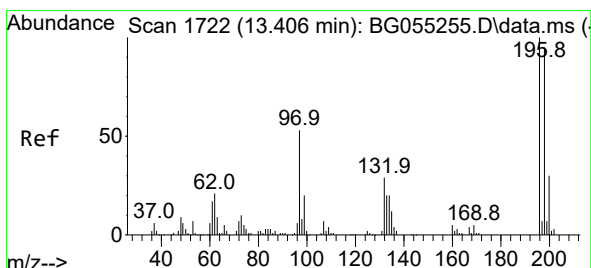
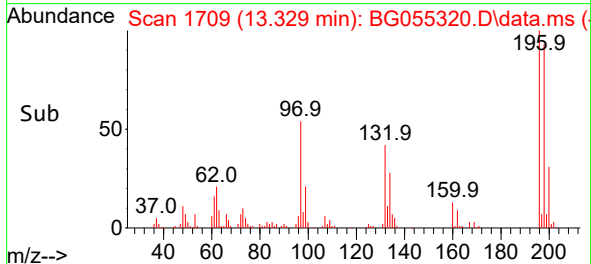
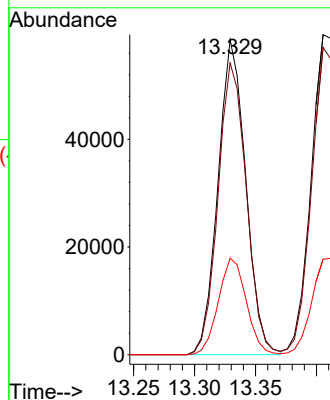
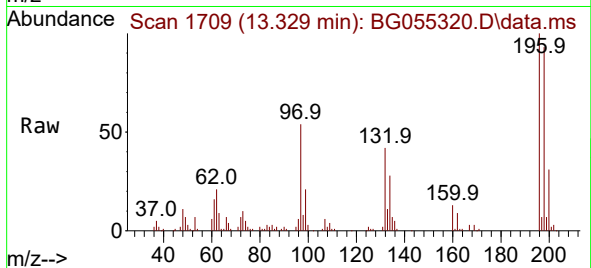
Tgt Ion:196 Resp: 92499

Ion Ratio Lower Upper

196 100

198 92.6 76.5 114.7

200 30.6 25.8 38.8



#44

2,4,5-Trichlorophenol

Concen: 44.113 ng

RT: 13.405 min Scan# 1722

Delta R.T. -0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Tgt Ion:196 Resp: 102085

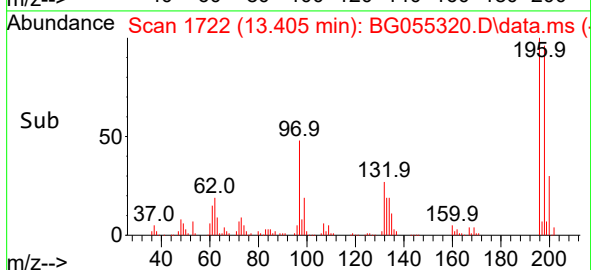
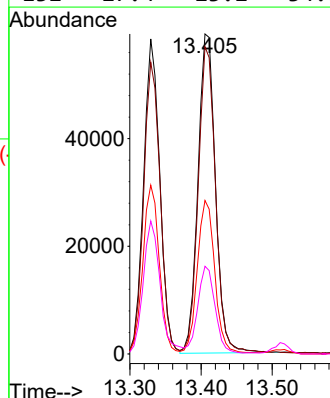
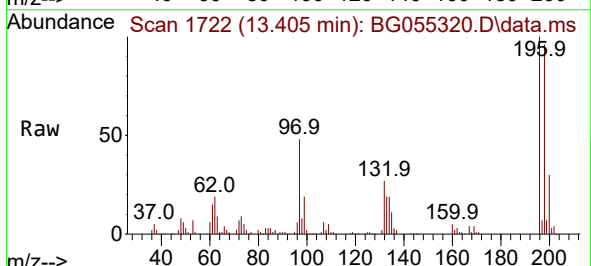
Ion Ratio Lower Upper

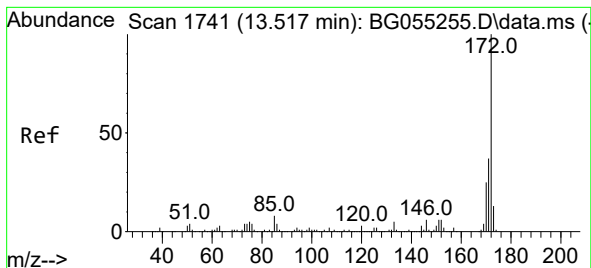
196 100

198 96.0 76.2 114.2

97 48.0 42.3 63.5

132 27.4 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 81.175 ng

RT: 13.511 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

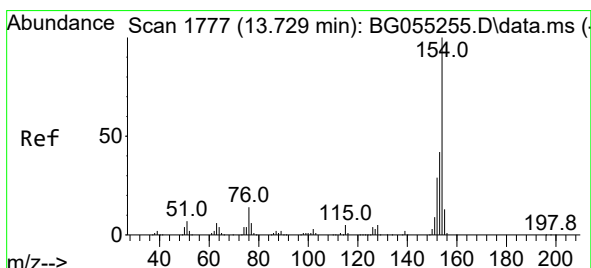
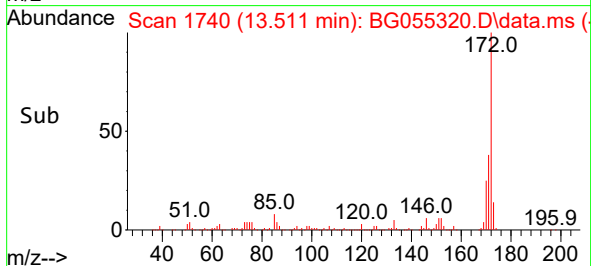
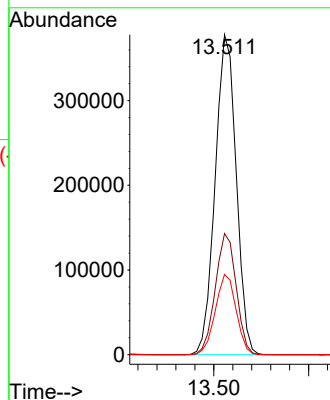
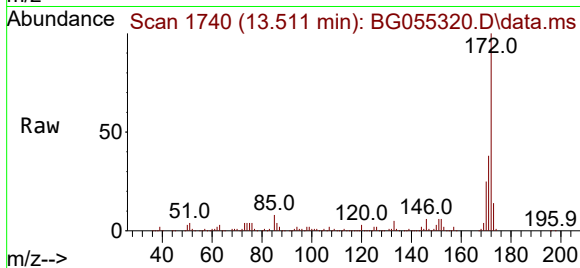
Tgt Ion:172 Resp: 582503

Ion Ratio Lower Upper

172 100

171 37.9 29.7 44.5

170 25.1 20.2 30.2



#46

1,1'-Biphenyl

Concen: 41.907 ng

RT: 13.723 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

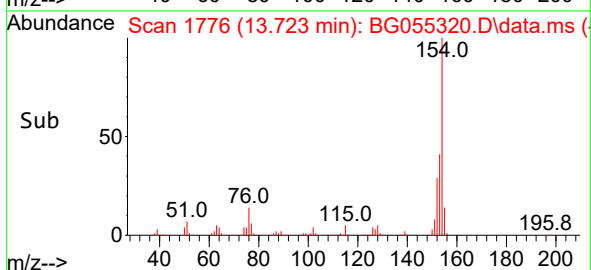
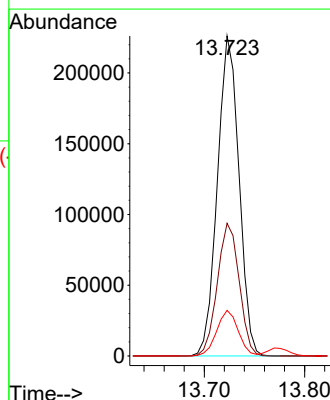
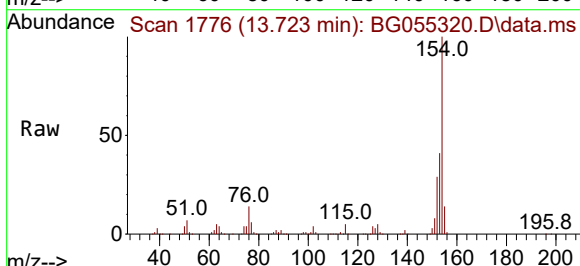
Tgt Ion:154 Resp: 337587

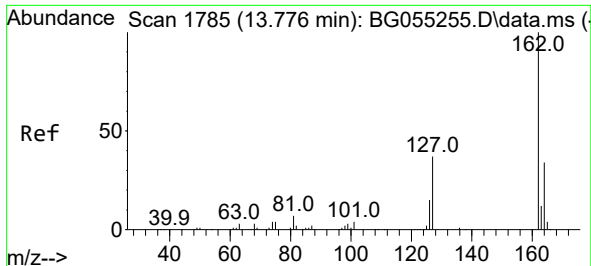
Ion Ratio Lower Upper

154 100

153 41.5 21.5 61.5

76 14.2 0.0 34.2

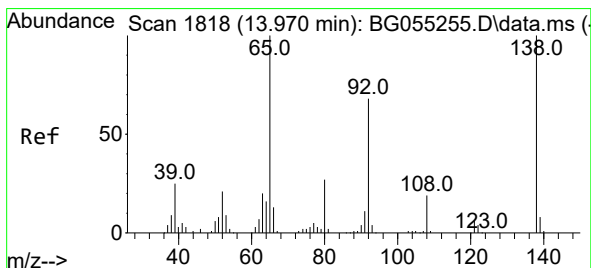
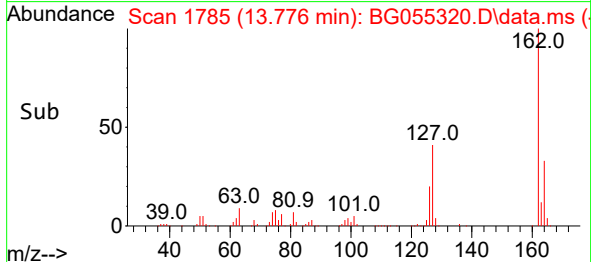
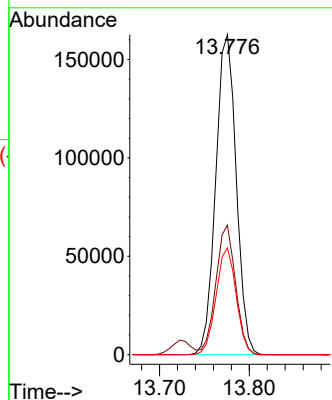
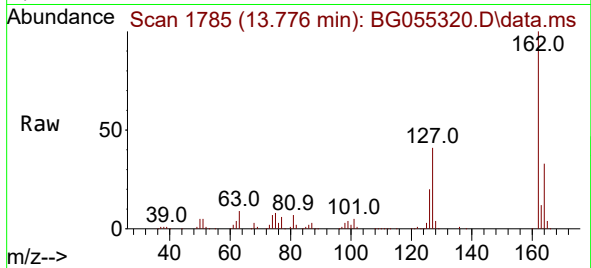




#47
2-Chloronaphthalene
Concen: 40.552 ng
RT: 13.776 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

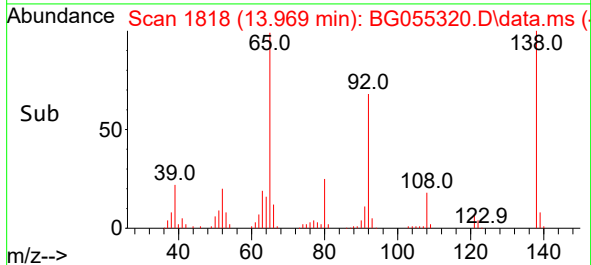
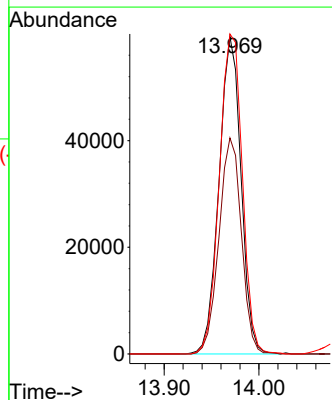
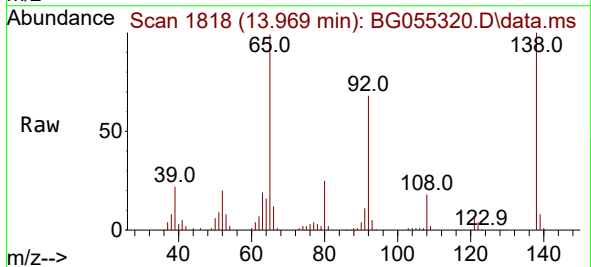
Instrument :
BNA_G
ClientSampleId :
PB148495BS

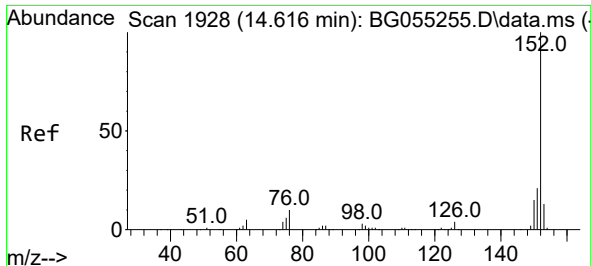
Tgt Ion:162 Resp: 257599
Ion Ratio Lower Upper
162 100
127 40.5 33.0 49.6
164 33.3 27.0 40.4



#48
2-Nitroaniline
Concen: 38.698 ng
RT: 13.969 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

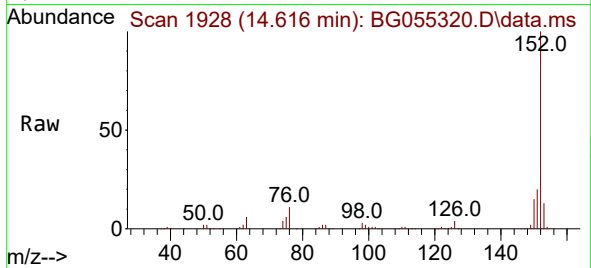
Tgt Ion: 65 Resp: 96137
Ion Ratio Lower Upper
65 100
92 68.1 54.6 82.0
138 100.9 80.2 120.4



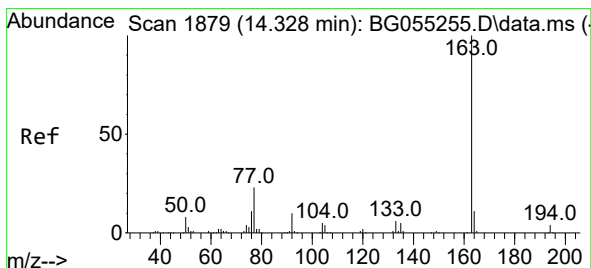
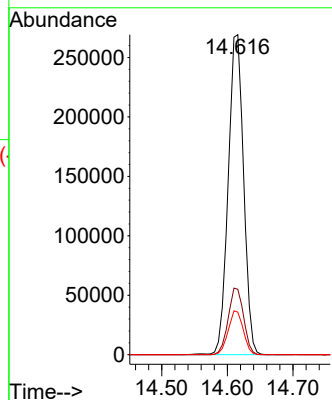
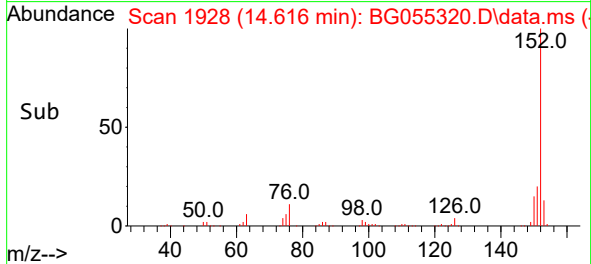


#49
Acenaphthylene
Concen: 39.862 ng
RT: 14.616 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

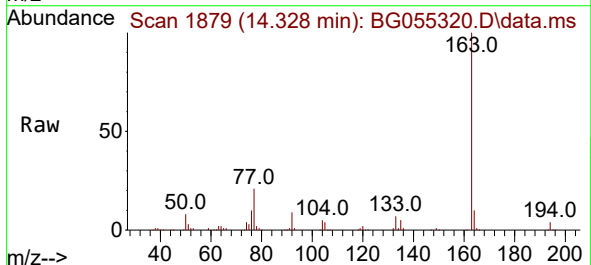
Instrument :
BNA_G
ClientSampleId :
PB148495BS



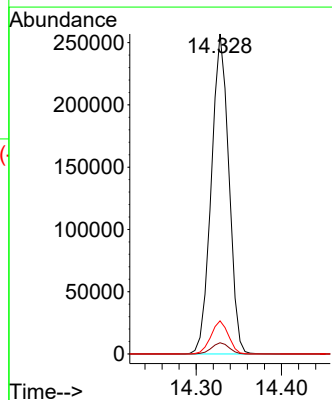
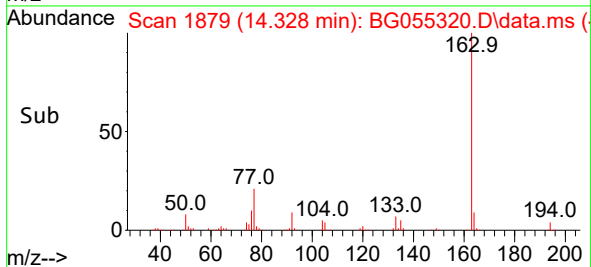
Tgt Ion:152 Resp: 437113
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0
153 13.3 10.5 15.7

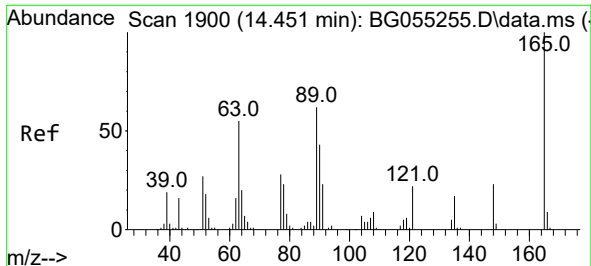


#50
Dimethylphthalate
Concen: 39.789 ng
RT: 14.328 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21



Tgt Ion:163 Resp: 366922
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.3 8.4 12.6

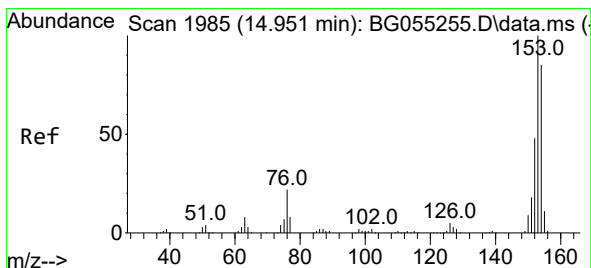
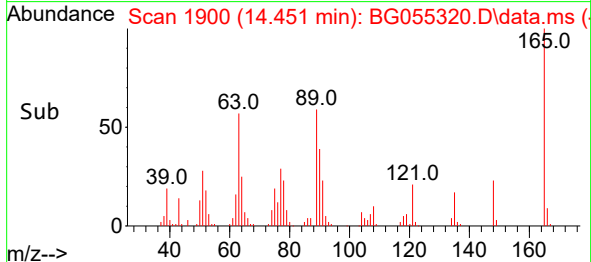
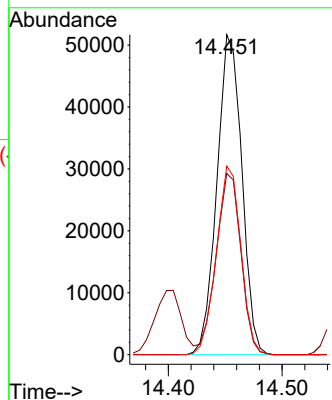
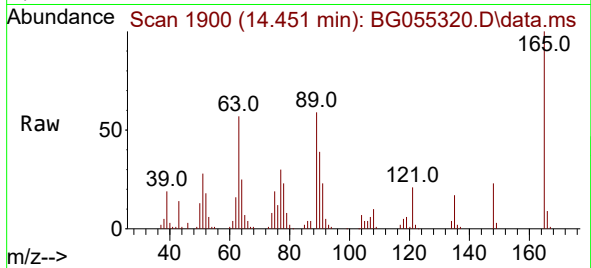




#51
2,6-Dinitrotoluene
Concen: 41.953 ng
RT: 14.451 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

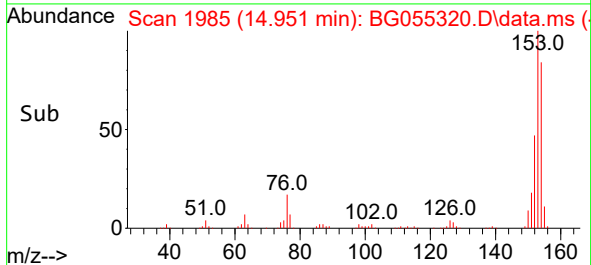
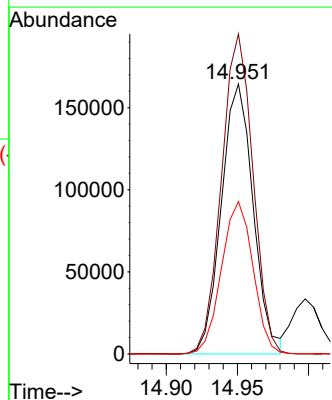
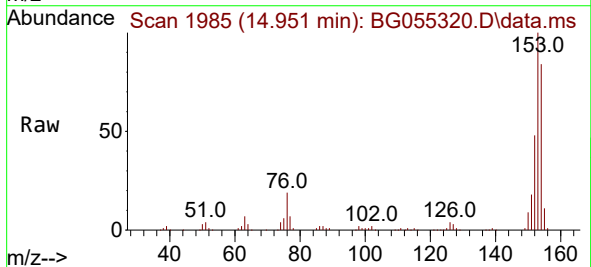
Instrument :
BNA_G
ClientSampleId :
PB148495BS

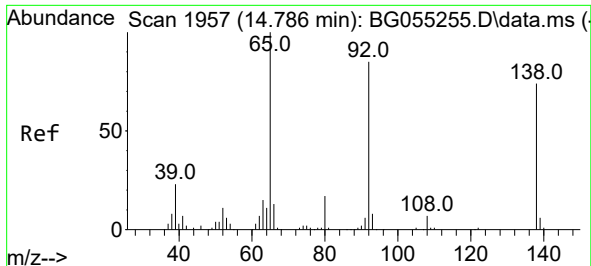
Tgt Ion:165 Resp: 78725
Ion Ratio Lower Upper
165 100
63 56.7 49.2 73.8
89 58.9 49.9 74.9



#52
Acenaphthene
Concen: 36.775 ng
RT: 14.951 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:154 Resp: 257052
Ion Ratio Lower Upper
154 100
153 118.5 94.3 141.5
152 56.4 45.3 67.9

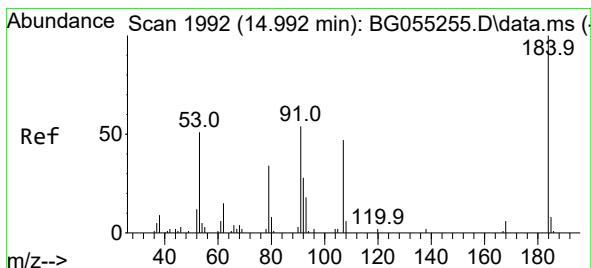
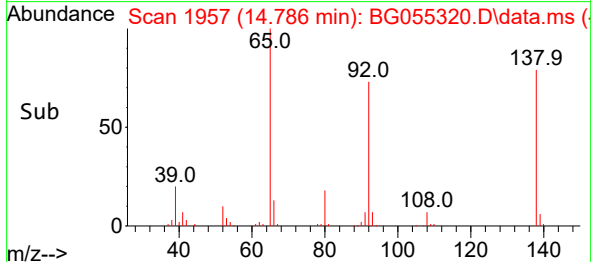
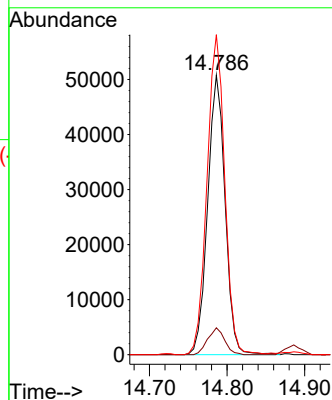
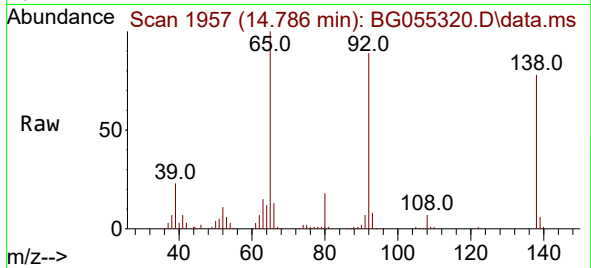




#53
3-Nitroaniline
Concen: 33.603 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

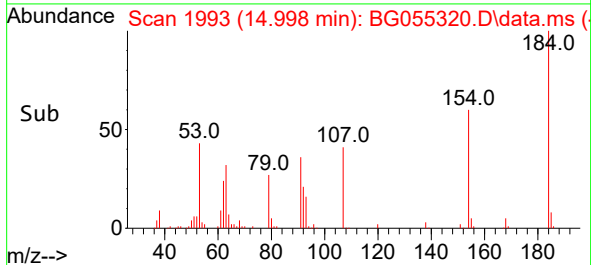
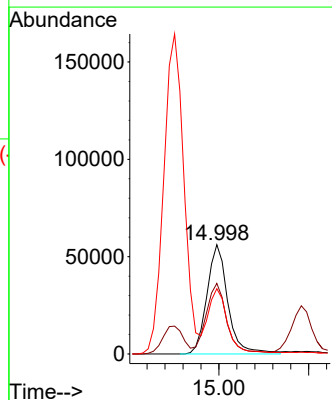
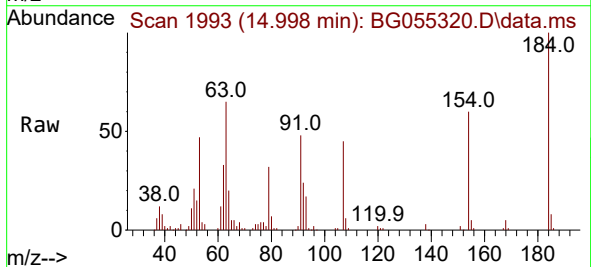
Instrument :
BNA_G
ClientSampleId :
PB148495BS

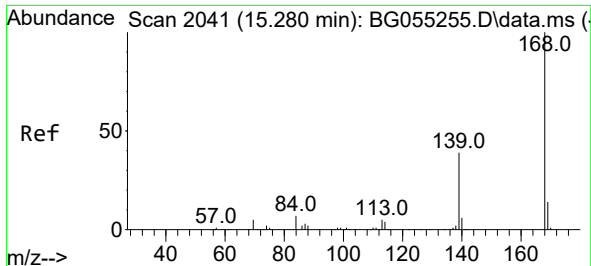
Tgt Ion:138 Resp: 79252
Ion Ratio Lower Upper
138 100
108 9.6 7.5 11.3
92 114.5 91.8 137.8



#54
2,4-Dinitrophenol
Concen: 82.630 ng
RT: 14.998 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:184 Resp: 90949
Ion Ratio Lower Upper
184 100
63 64.5 55.7 83.5
154 59.7 49.4 74.0

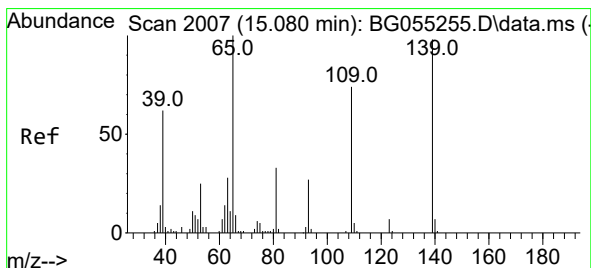
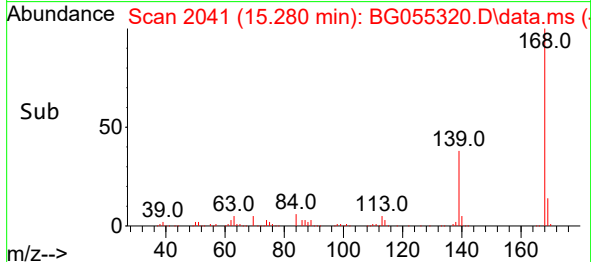
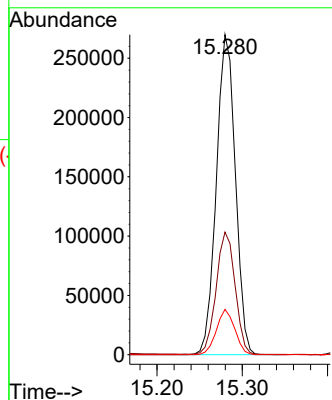
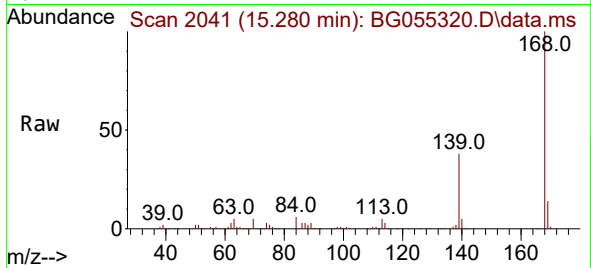




#55
Dibenzofuran
Concen: 39.937 ng
RT: 15.280 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

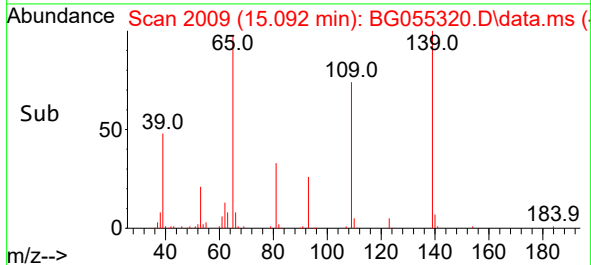
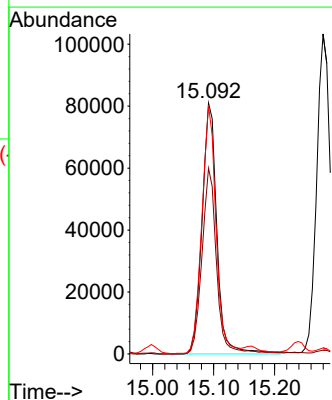
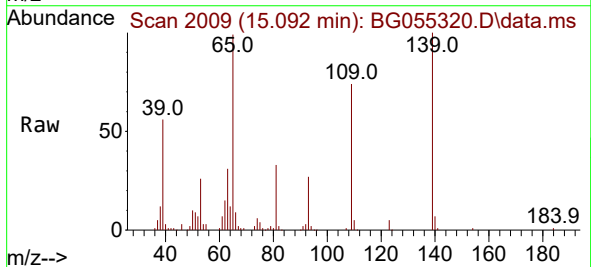
Instrument :
BNA_G
ClientSampleId :
PB148495BS

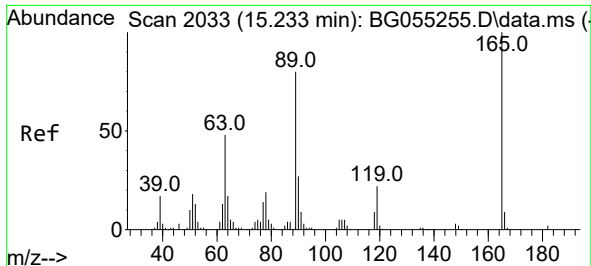
Tgt Ion:168 Resp: 418803
Ion Ratio Lower Upper
168 100
139 38.3 31.6 47.4
169 14.1 11.0 16.4



#56
4-Nitrophenol
Concen: 81.052 ng
RT: 15.092 min Scan# 2009
Delta R.T. 0.012 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:139 Resp: 136726
Ion Ratio Lower Upper
139 100
109 74.0 55.4 95.4
65 99.0 81.6 121.6

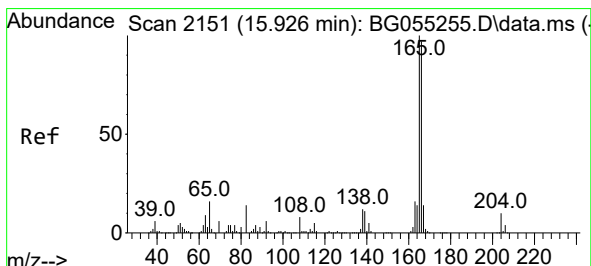
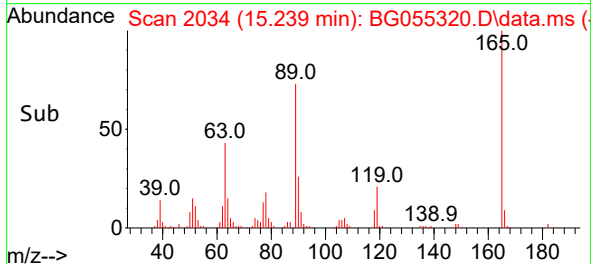
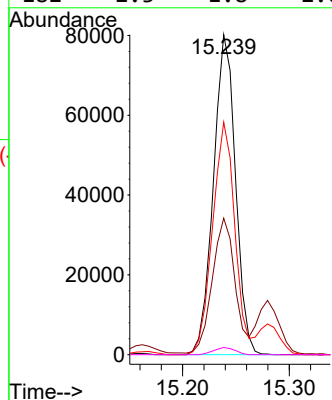
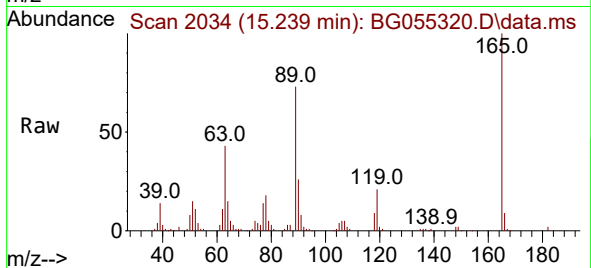




#57
2,4-Dinitrotoluene
Concen: 42.398 ng
RT: 15.239 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

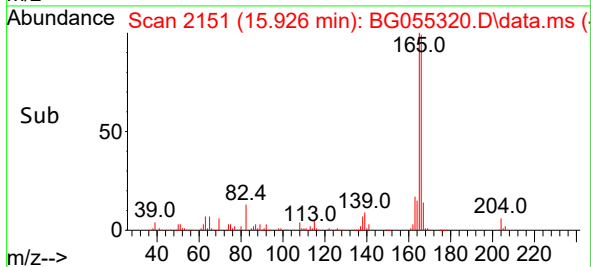
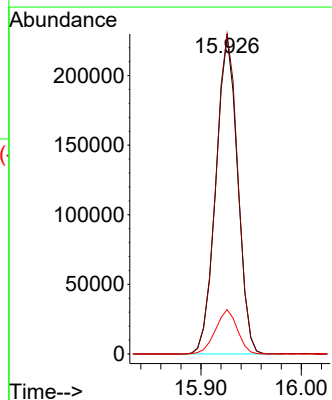
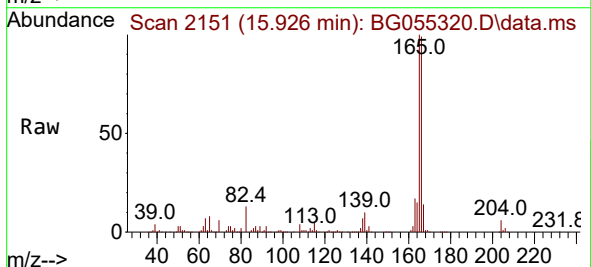
Instrument :
BNA_G
ClientSampleId :
PB148495BS

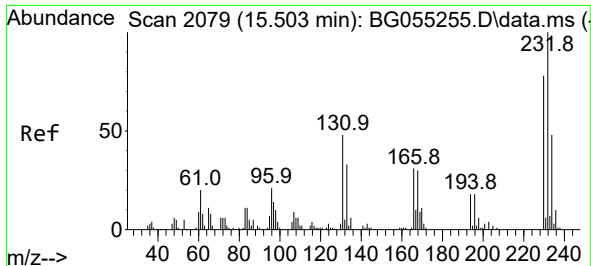
Tgt Ion:165 Resp: 115453
Ion Ratio Lower Upper
165 100
63 42.7 38.9 58.3
89 72.7 64.2 96.4
182 2.3 1.8 2.6



#58
Fluorene
Concen: 39.290 ng
RT: 15.926 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:166 Resp: 342830
Ion Ratio Lower Upper
166 100
165 100.9 82.4 123.6
167 14.0 11.5 17.3

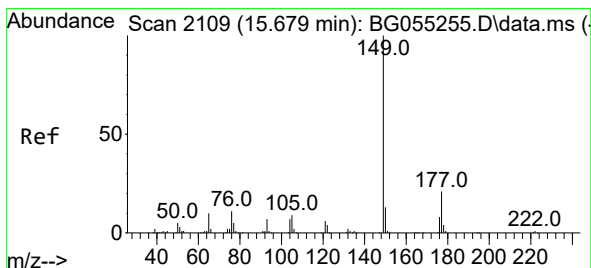
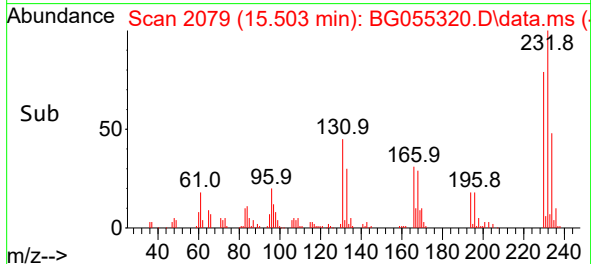
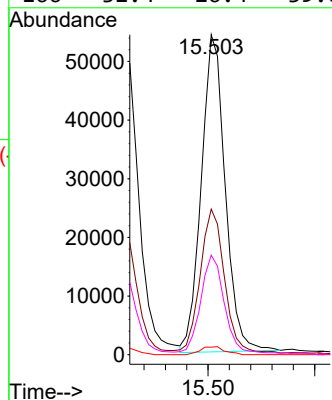
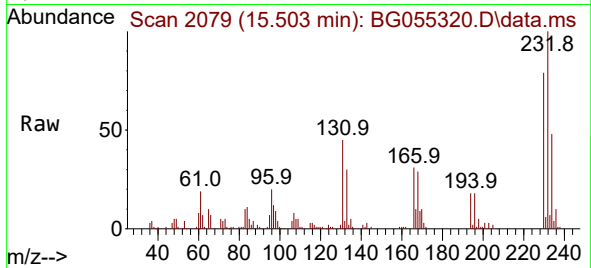




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.846 ng
RT: 15.503 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

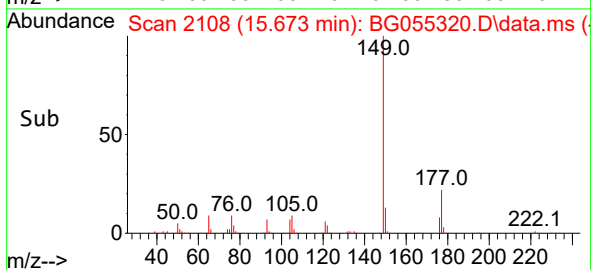
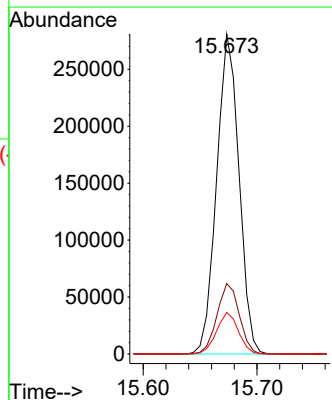
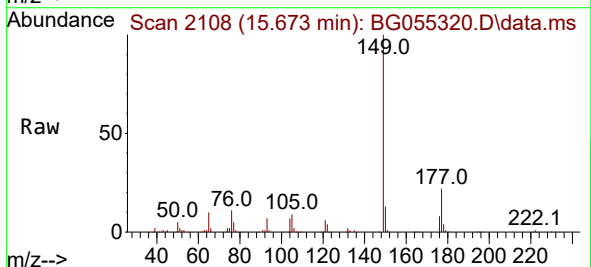
Instrument :
BNA_G
ClientSampleId :
PB148495BS

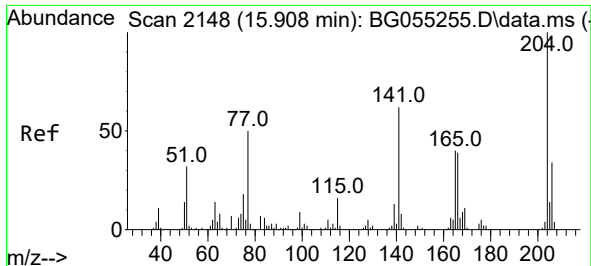
Tgt Ion:232 Resp: 84270
Ion Ratio Lower Upper
232 100
131 46.5 39.6 59.4
130 2.6 2.1 3.1
166 32.4 26.4 39.6



#60
Diethylphthalate
Concen: 39.117 ng
RT: 15.673 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:149 Resp: 383717
Ion Ratio Lower Upper
149 100
177 22.0 16.7 25.1
150 12.9 10.2 15.2

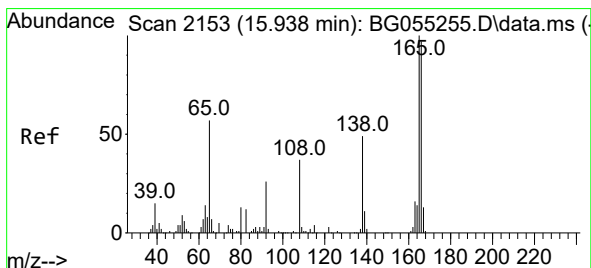
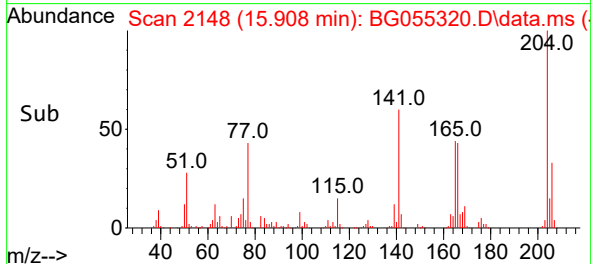
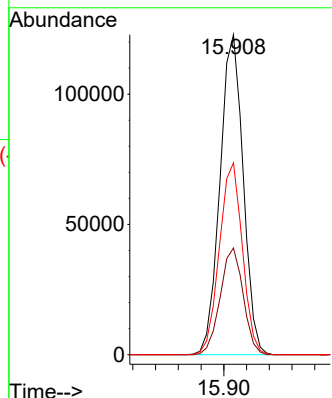
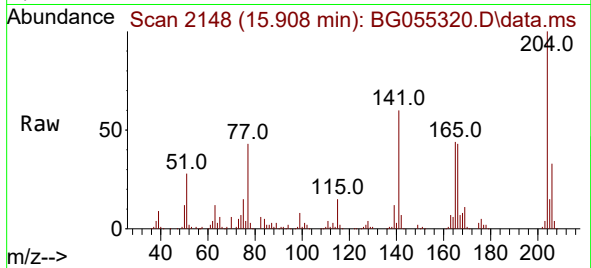




#61
4-Chlorophenyl-phenylether
Concen: 43.327 ng
RT: 15.908 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

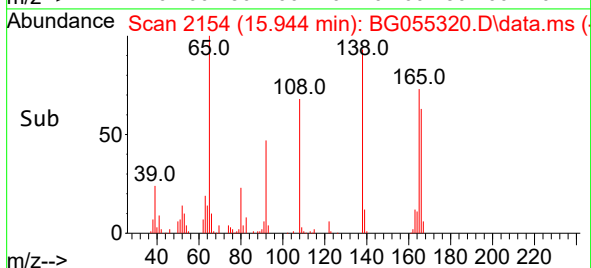
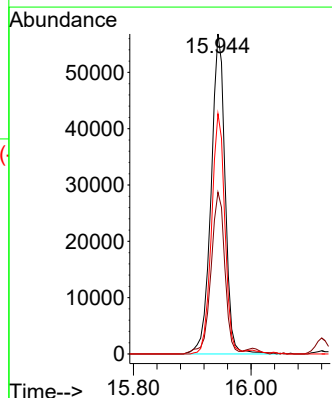
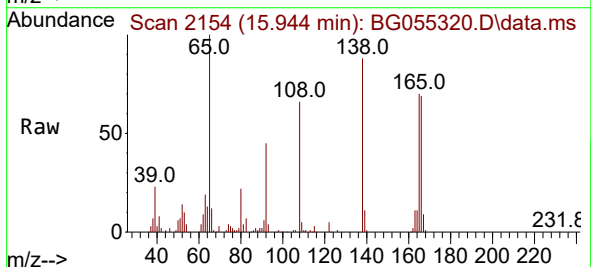
Instrument :
BNA_G
ClientSampleId :
PB148495BS

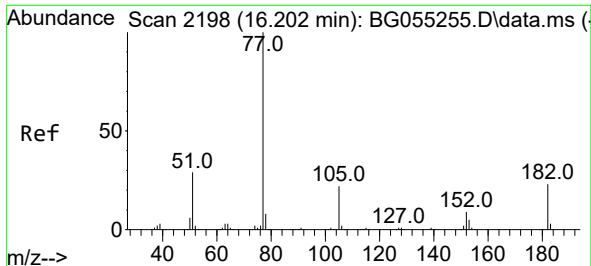
Tgt Ion:204 Resp: 173728
Ion Ratio Lower Upper
204 100
206 33.4 26.9 40.3
141 60.0 49.9 74.9



#62
4-Nitroaniline
Concen: 37.951 ng
RT: 15.944 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:138 Resp: 94060
Ion Ratio Lower Upper
138 100
92 50.6 33.3 73.3
108 75.1 55.5 95.5

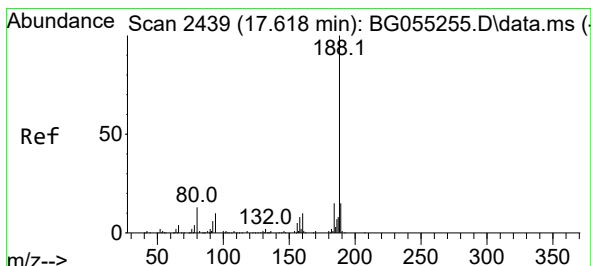
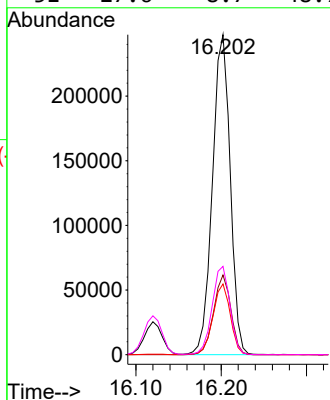
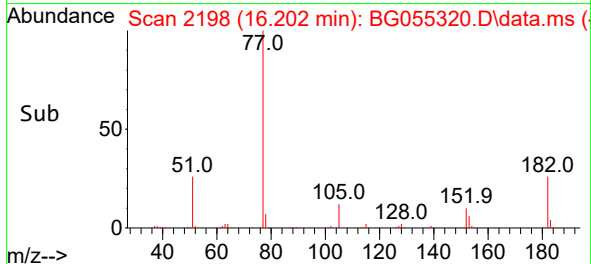
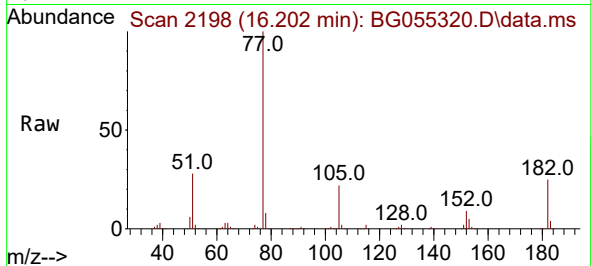




#63
Azobenzene
Concen: 37.558 ng
RT: 16.202 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

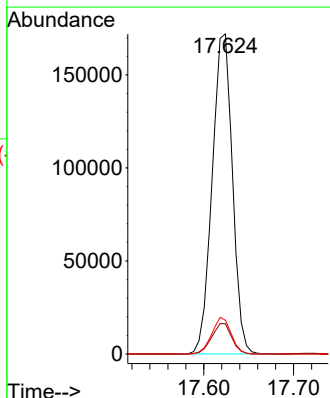
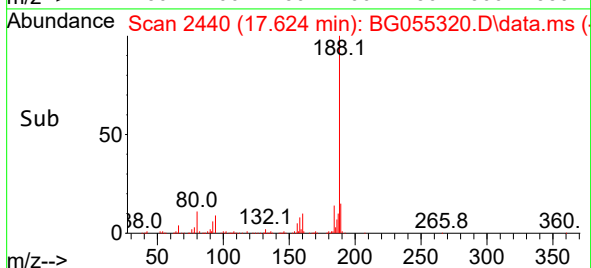
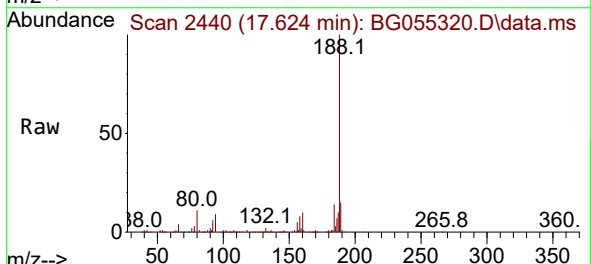
Instrument :
BNA_G
ClientSampleId :
PB148495BS

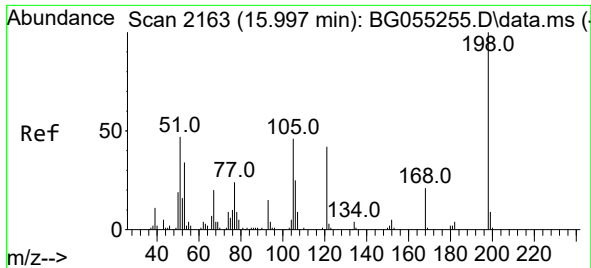
Tgt Ion:	77	Resp:	358922
Ion Ratio	Lower	Upper	
77	100		
182	24.9	2.5	42.5
105	22.1	1.6	41.6
51	27.6	8.7	48.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2440
Delta R.T. 0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:	188	Resp:	269368
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.2	12.4
80	10.6	10.1	15.1





#65
4,6-Dinitro-2-methylphenol
Concen: 43.356 ng
RT: 16.002 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

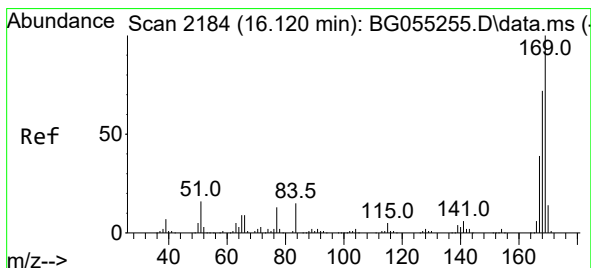
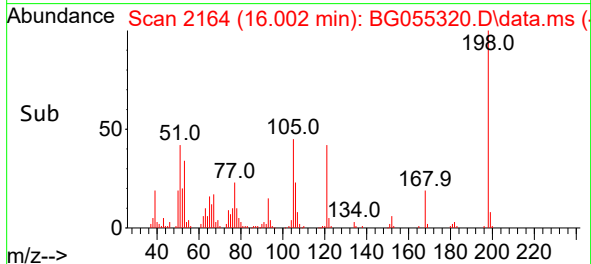
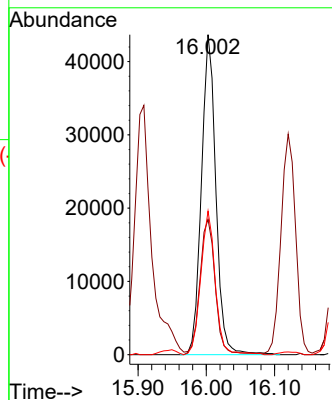
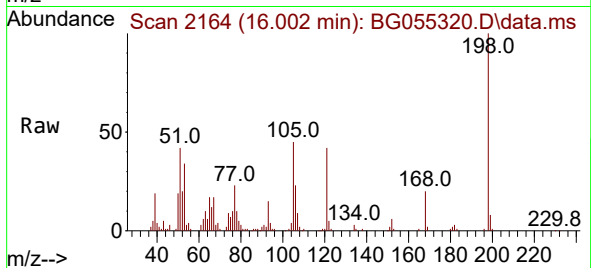
Instrument :

BNA_G

ClientSampleId :

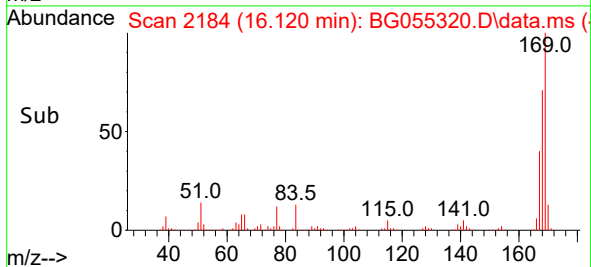
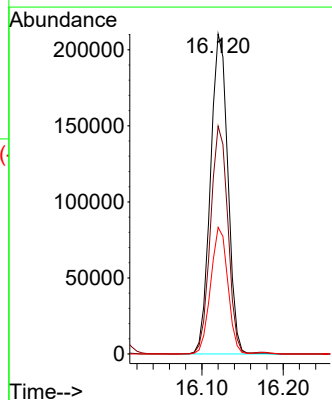
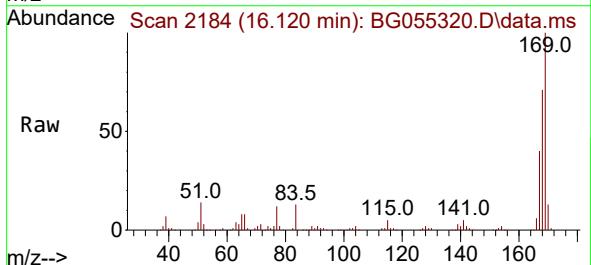
PB148495BS

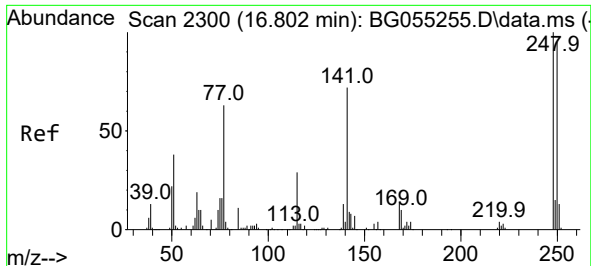
Tgt Ion:198 Resp: 64202
Ion Ratio Lower Upper
198 100
51 42.3 29.6 69.6
105 44.9 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 41.635 ng
RT: 16.120 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:169 Resp: 312163
Ion Ratio Lower Upper
169 100
168 71.2 57.5 86.3
167 39.5 31.5 47.3

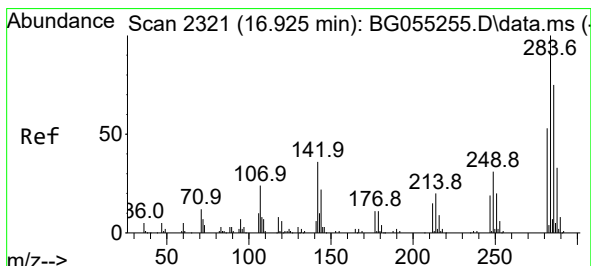
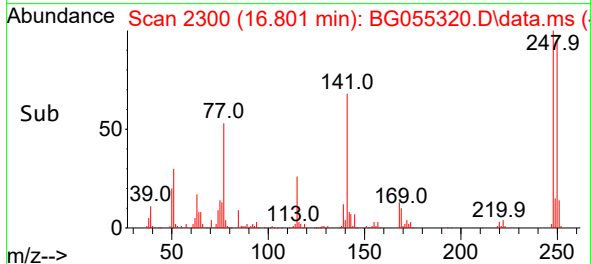
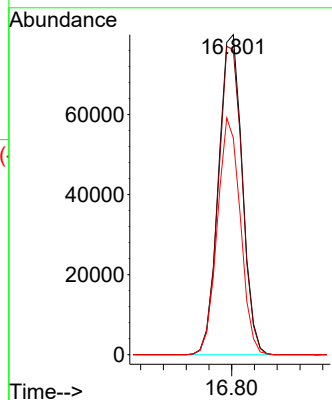
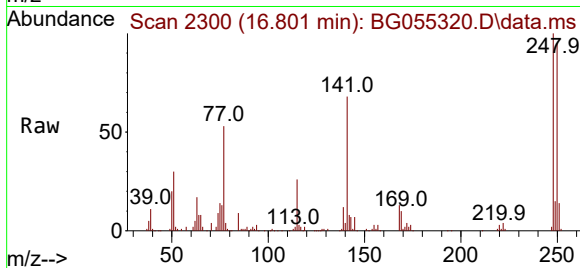




#67
4-Bromophenyl-phenylether
Concen: 44.277 ng
RT: 16.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

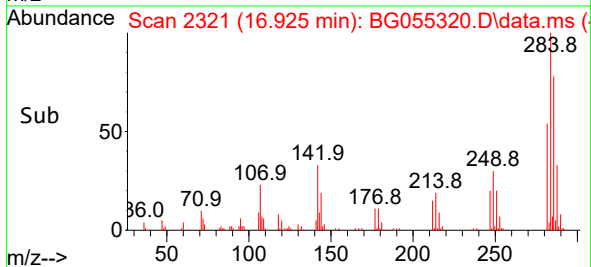
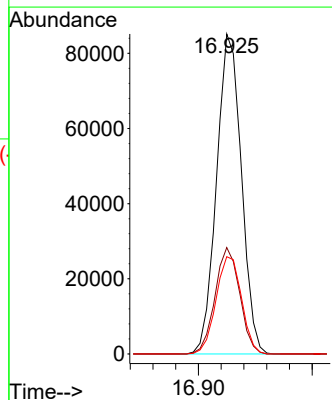
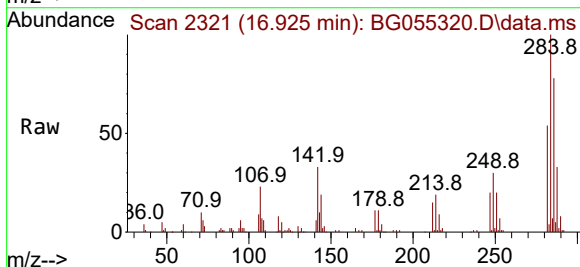
Instrument :
BNA_G
ClientSampleId :
PB148495BS

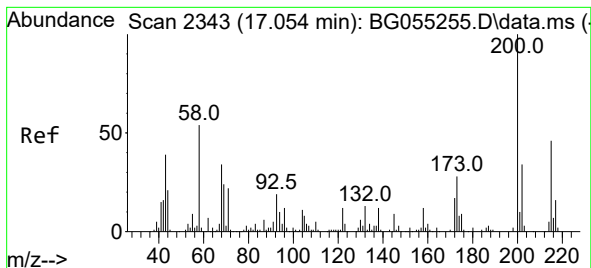
Tgt Ion:248 Resp: 115874
Ion Ratio Lower Upper
248 100
250 95.3 76.0 114.0
141 67.7 58.0 87.0



#68
Hexachlorobenzene
Concen: 43.609 ng
RT: 16.925 min Scan# 2321
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:284 Resp: 129038
Ion Ratio Lower Upper
284 100
142 33.3 28.9 43.3
249 30.4 25.0 37.4





#69

Atrazine

Concen: 48.724 ng

RT: 17.054 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

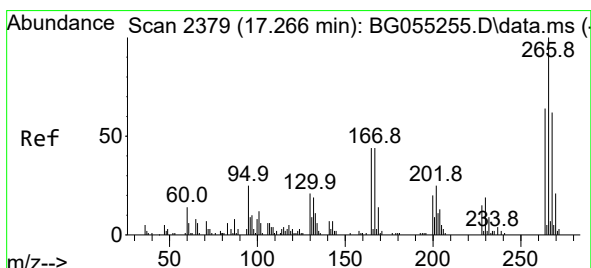
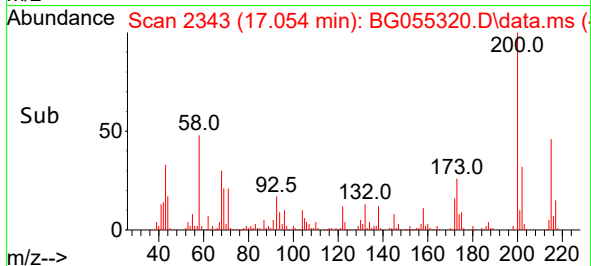
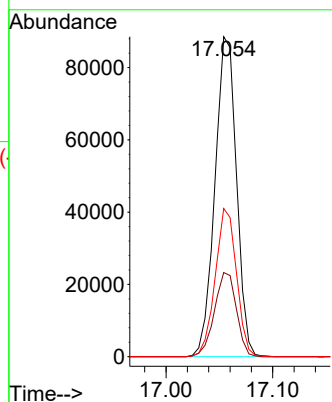
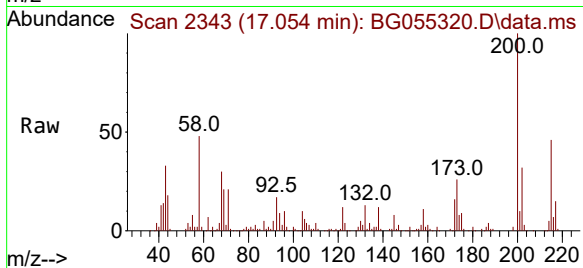
Tgt Ion:200 Resp: 124219

Ion Ratio Lower Upper

200 100

173 26.3 7.7 47.7

215 46.3 26.1 66.1



#70

Pentachlorophenol

Concen: 78.651 ng

RT: 17.272 min Scan# 2380

Delta R.T. 0.006 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

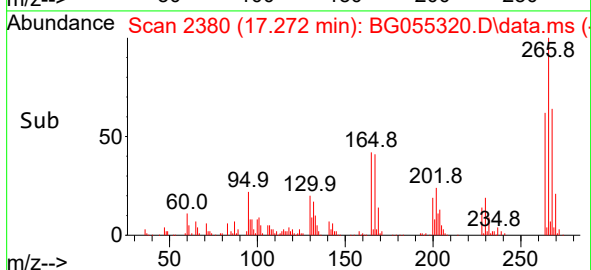
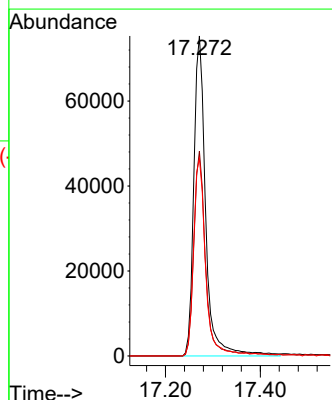
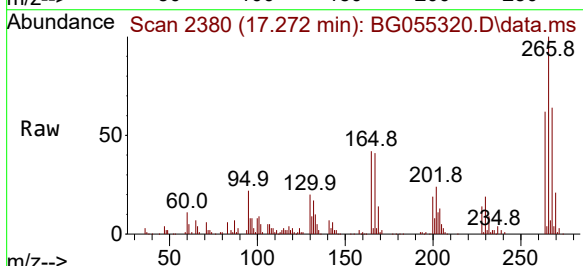
Tgt Ion:266 Resp: 131403

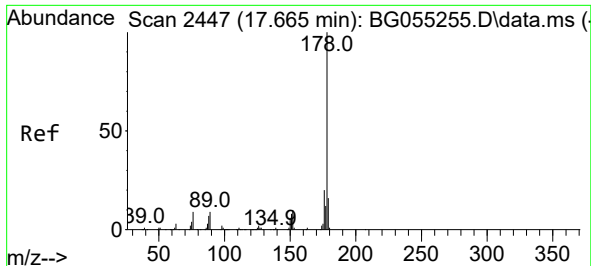
Ion Ratio Lower Upper

266 100

268 64.0 53.2 79.8

264 61.8 51.5 77.3

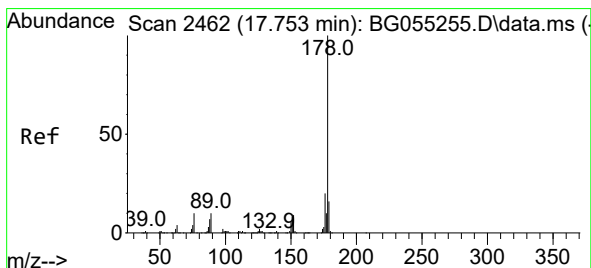
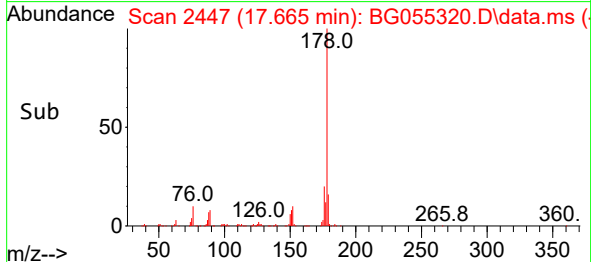
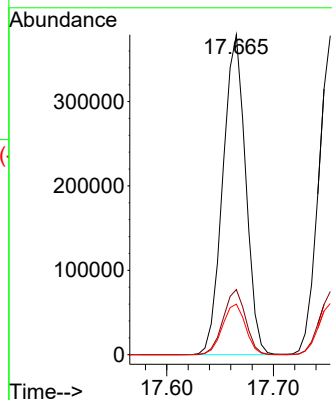
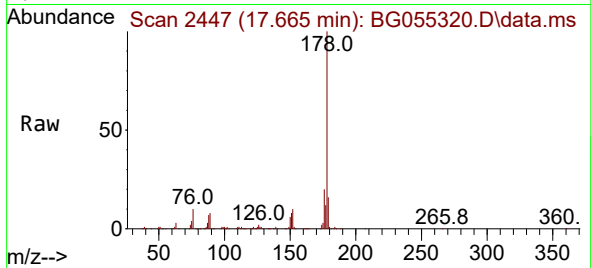




#71
Phenanthrene
Concen: 39.148 ng
RT: 17.665 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

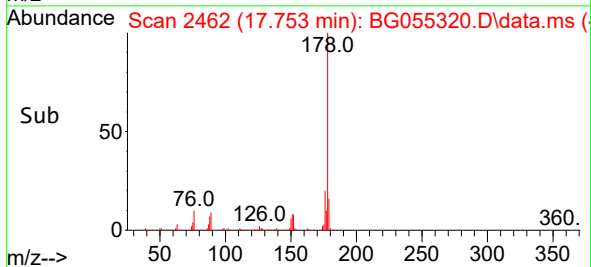
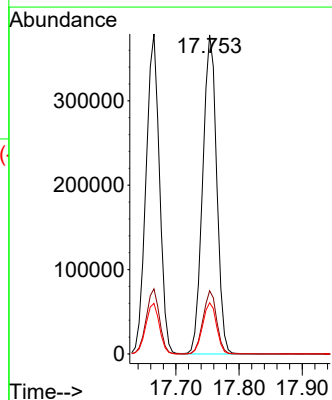
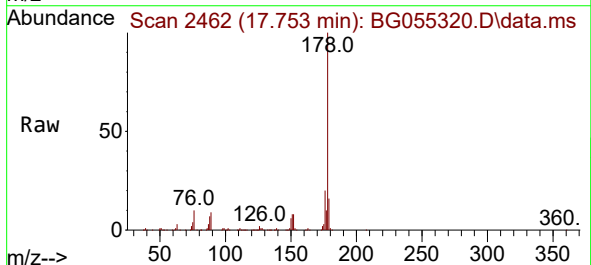
Instrument :
BNA_G
ClientSampleId :
PB148495BS

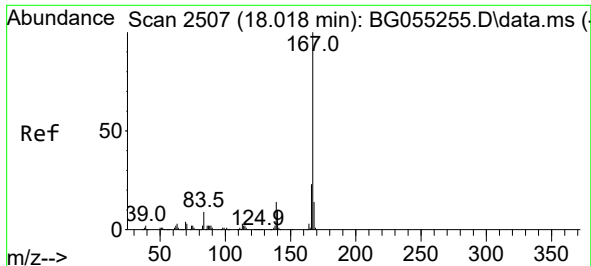
Tgt Ion:178 Resp: 562381
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 15.8 12.6 19.0



#72
Anthracene
Concen: 41.341 ng
RT: 17.753 min Scan# 2462
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:178 Resp: 580591
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 16.0 12.9 19.3

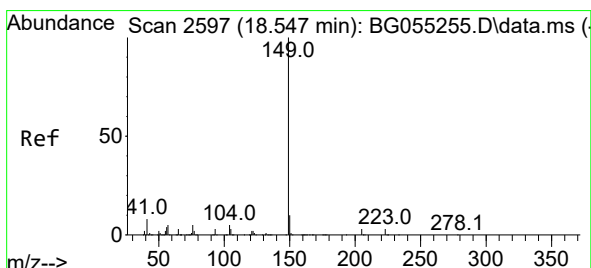
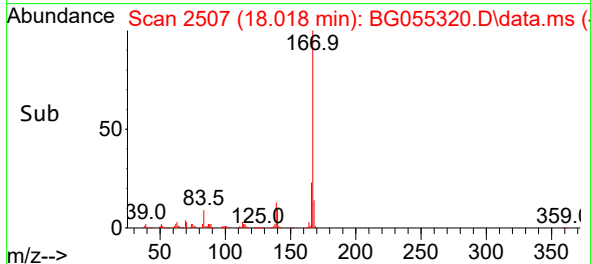
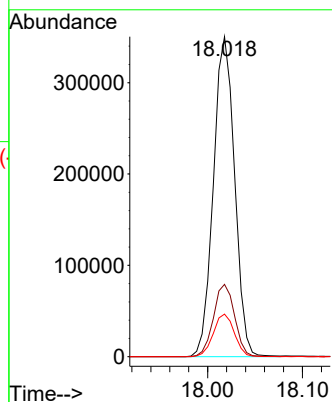
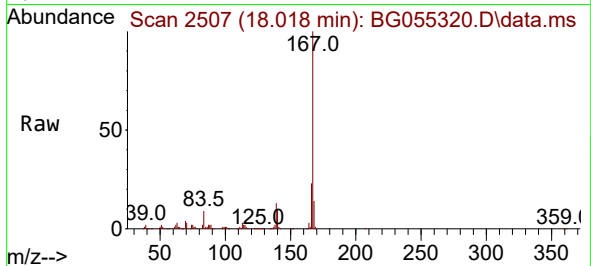




#73
 Carbazole
 Concen: 40.308 ng
 RT: 18.018 min Scan# 2507
 Delta R.T. -0.000 min
 Lab File: BG055320.D
 Acq: 27 Oct 2022 12:21

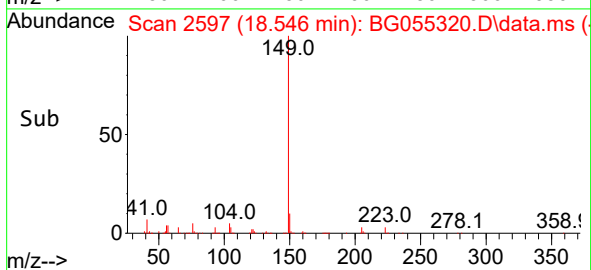
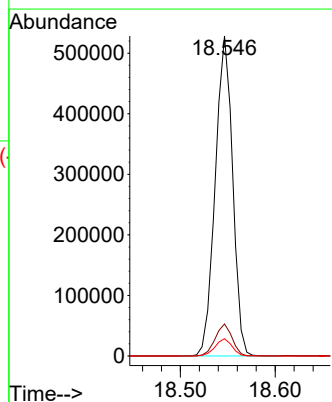
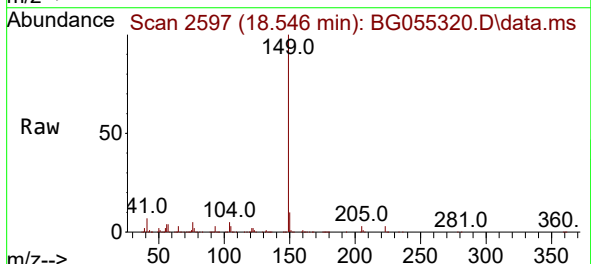
Instrument :
 BNA_G
 ClientSampleId :
 PB148495BS

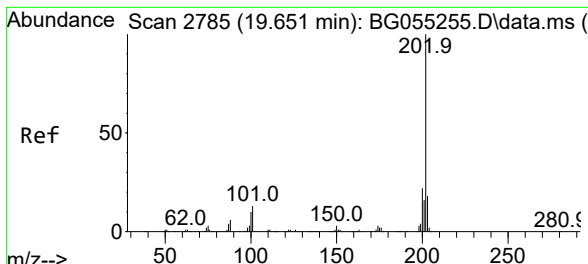
Tgt Ion:167 Resp: 544471
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.6 27.8
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 39.843 ng
 RT: 18.546 min Scan# 2597
 Delta R.T. -0.000 min
 Lab File: BG055320.D
 Acq: 27 Oct 2022 12:21

Tgt Ion:149 Resp: 672757
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 5.4 4.2 6.4

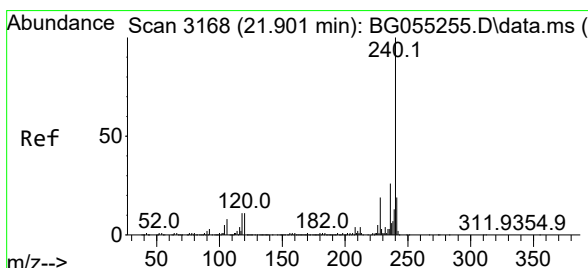
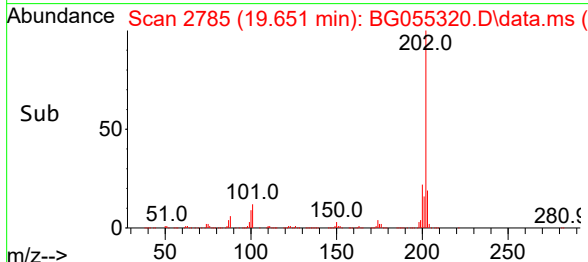
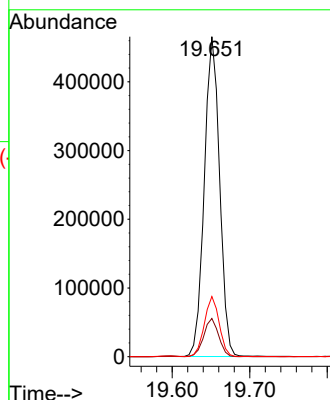
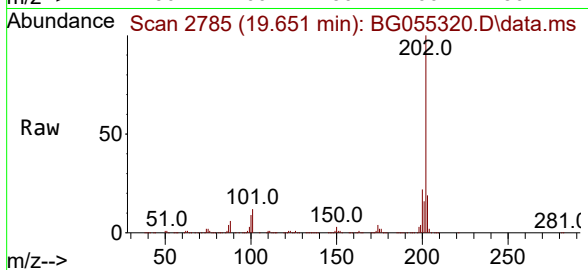




#75
Fluoranthene
Concen: 38.089 ng
RT: 19.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

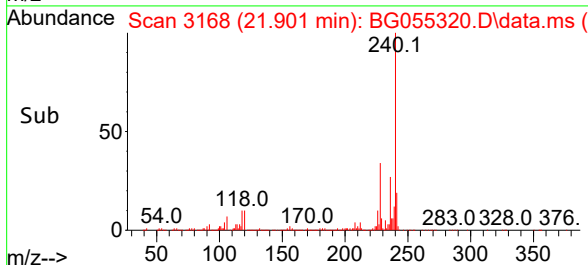
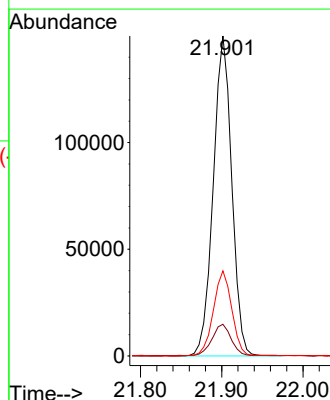
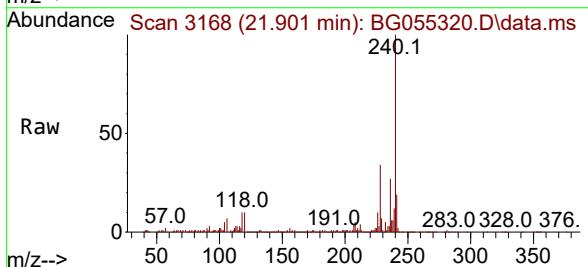
Instrument :
BNA_G
ClientSampleId :
PB148495BS

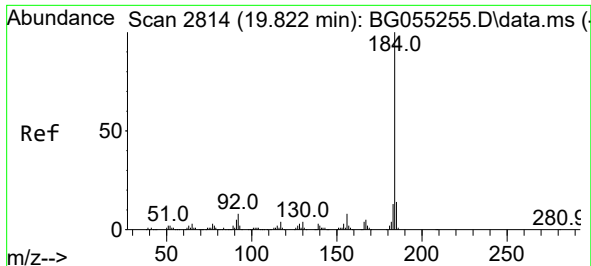
Tgt Ion:202 Resp: 637576
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.6
203 18.8 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.901 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:240 Resp: 237109
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 26.6 21.0 31.4

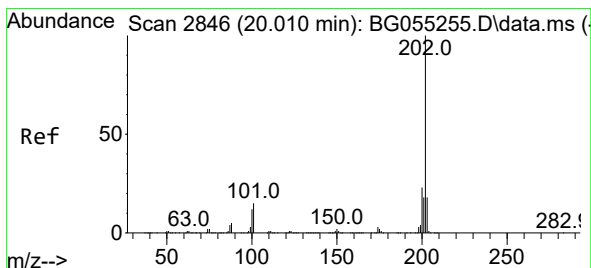
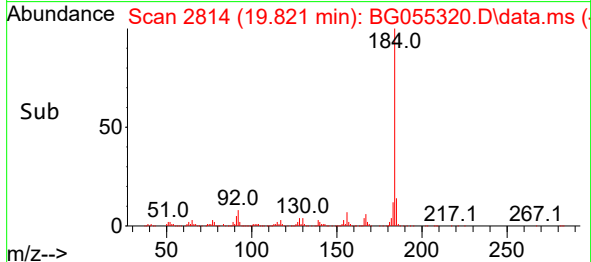
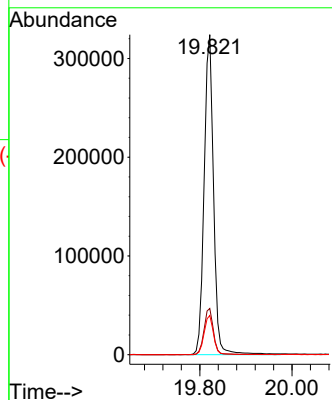
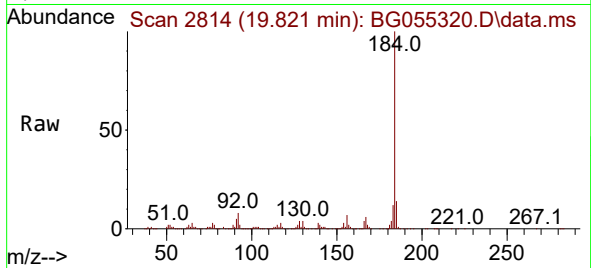




#77
Benzidine
Concen: 80.797 ng
RT: 19.821 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

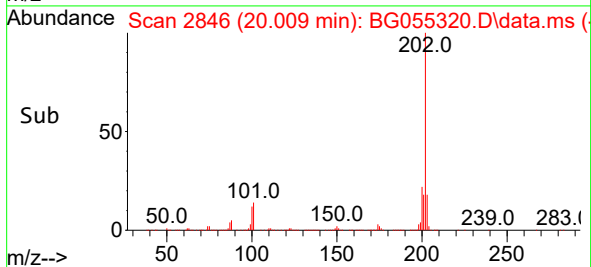
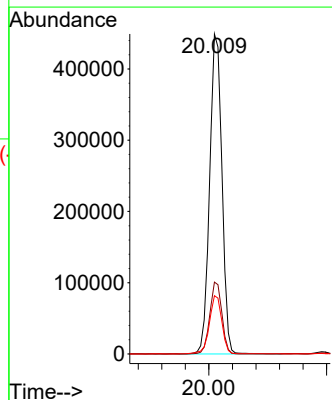
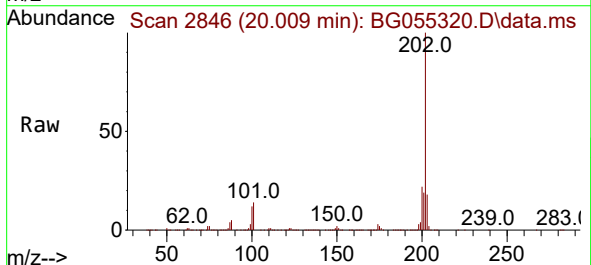
Instrument :
BNA_G
ClientSampleId :
PB148495BS

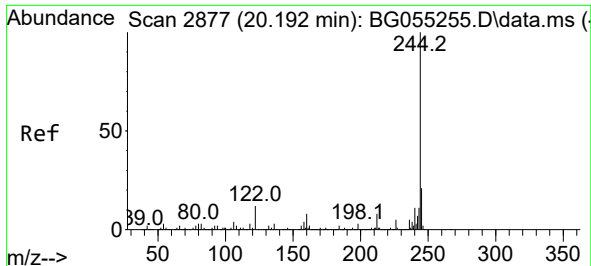
Tgt Ion:184 Resp: 463863
Ion Ratio Lower Upper
184 100
185 14.4 11.0 16.6
183 12.2 10.0 15.0



#78
Pyrene
Concen: 40.059 ng
RT: 20.009 min Scan# 2846
Delta R.T. -0.001 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:202 Resp: 651059
Ion Ratio Lower Upper
202 100
200 22.4 18.0 27.0
203 18.2 14.3 21.5

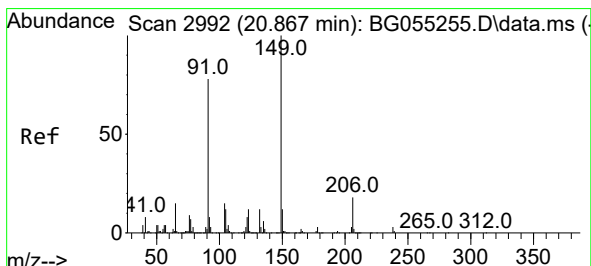
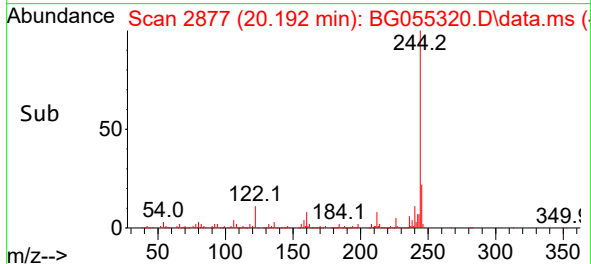
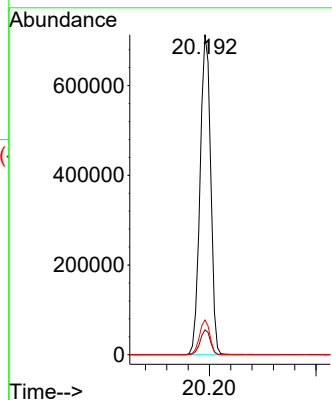
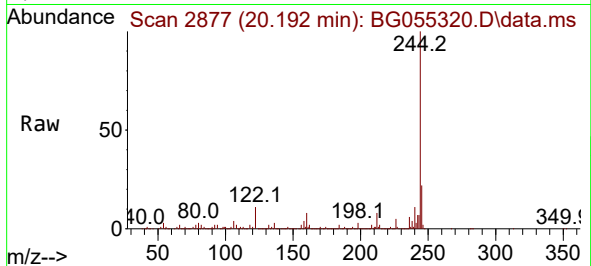




#79
 Terphenyl-d14
 Concen: 86.428 ng
 RT: 20.192 min Scan# 2877
 Delta R.T. -0.000 min
 Lab File: BG055320.D
 Acq: 27 Oct 2022 12:21

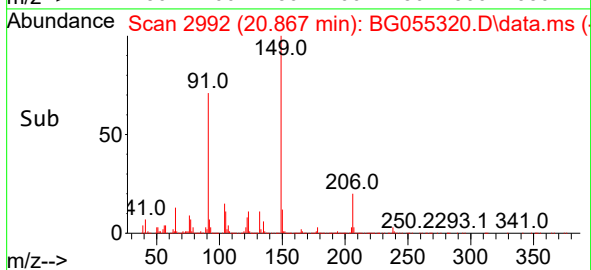
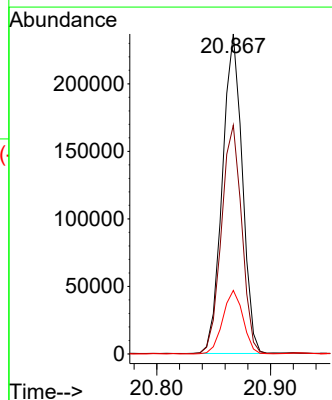
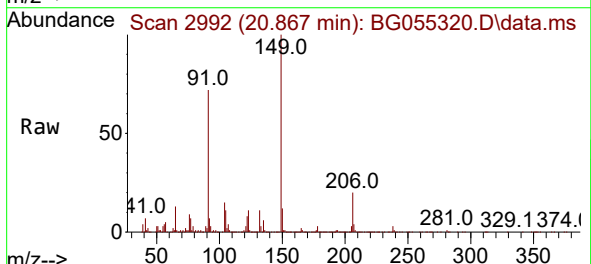
Instrument :
 BNA_G
 ClientSampleId :
 PB148495BS

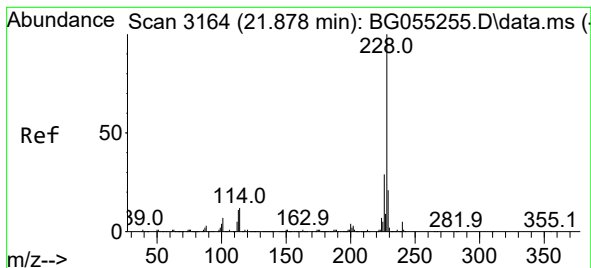
Tgt Ion:244 Resp: 986327
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 10.9 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 37.551 ng
 RT: 20.867 min Scan# 2992
 Delta R.T. 0.000 min
 Lab File: BG055320.D
 Acq: 27 Oct 2022 12:21

Tgt Ion:149 Resp: 288393
 Ion Ratio Lower Upper
 149 100
 91 71.5 62.2 93.4
 206 19.8 14.6 21.8





#81

Benzo(a)anthracene

Concen: 38.659 ng

RT: 21.878 min Scan# 3164

Delta R.T. -0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

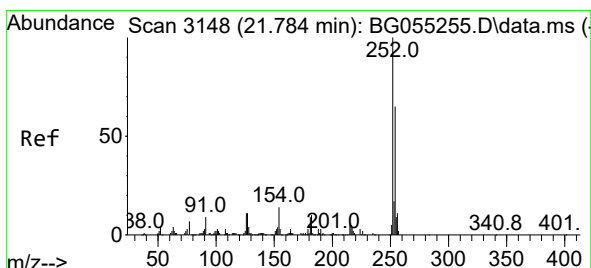
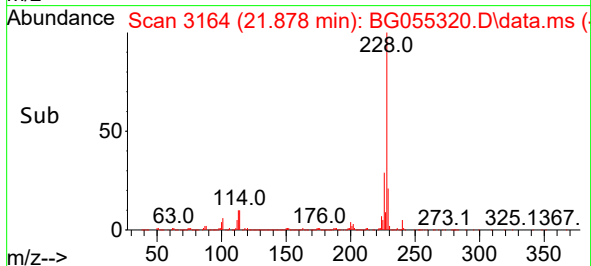
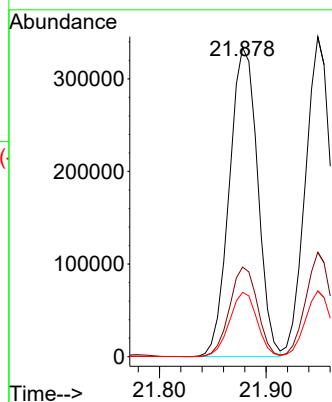
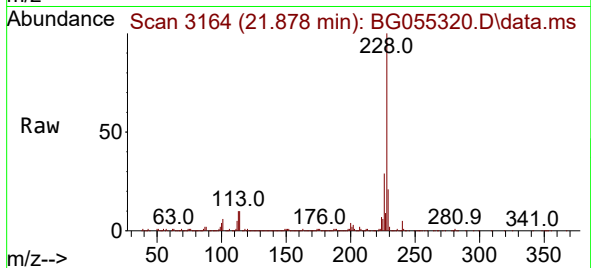
Tgt Ion:228 Resp: 615545

Ion Ratio Lower Upper

228 100

226 29.0 22.9 34.3

229 20.8 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 39.687 ng

RT: 21.778 min Scan# 3147

Delta R.T. -0.006 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

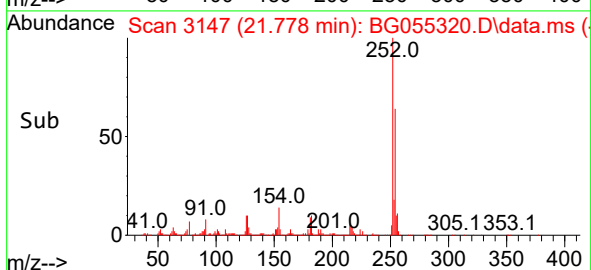
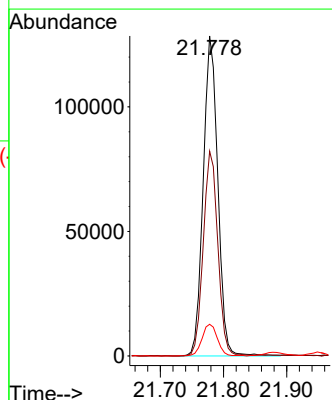
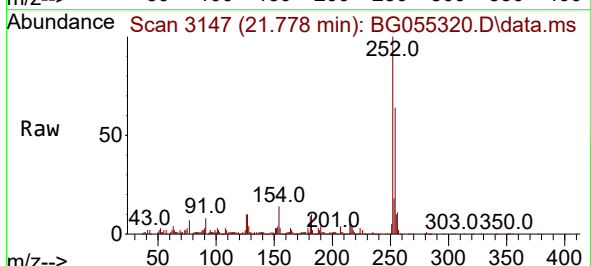
Tgt Ion:252 Resp: 205807

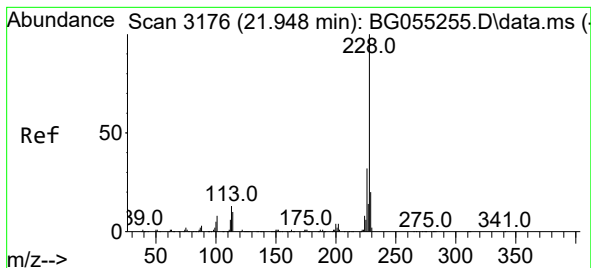
Ion Ratio Lower Upper

252 100

254 64.0 52.2 78.4

126 9.9 8.6 12.8





#83

Chrysene

Concen: 37.976 ng

RT: 21.948 min Scan# 3176

Delta R.T. -0.000 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

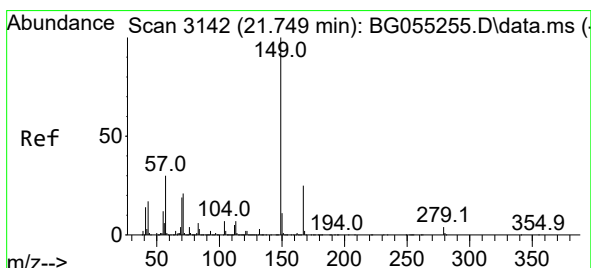
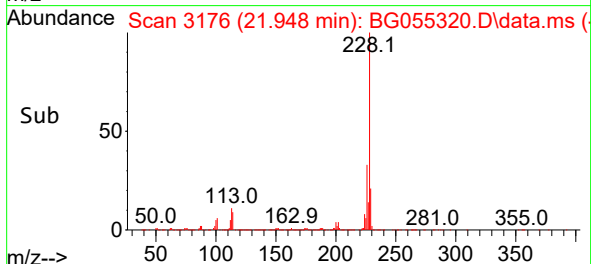
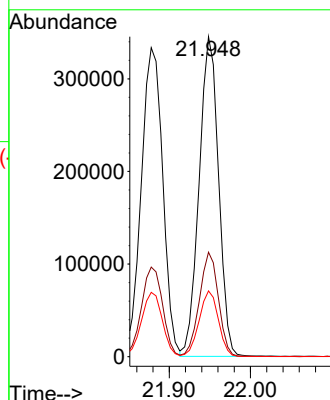
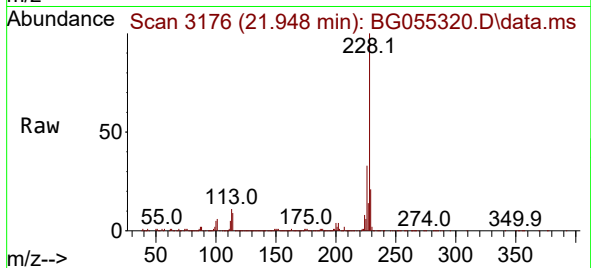
Tgt Ion:228 Resp: 574357

Ion Ratio Lower Upper

228 100

226 32.7 25.8 38.8

229 20.6 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.332 ng

RT: 21.743 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

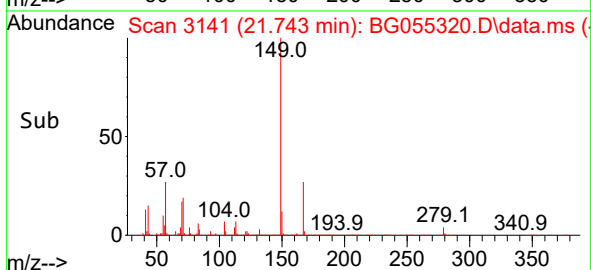
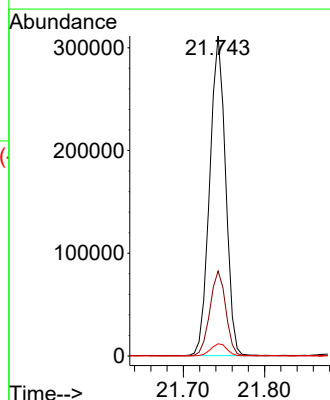
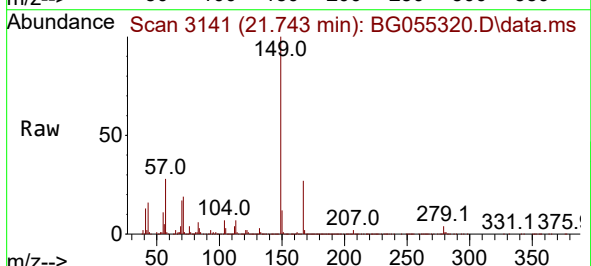
Tgt Ion:149 Resp: 420546

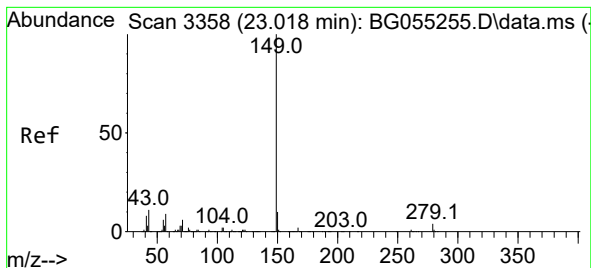
Ion Ratio Lower Upper

149 100

167 26.6 20.2 30.2

279 3.8 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 38.444 ng

RT: 23.006 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

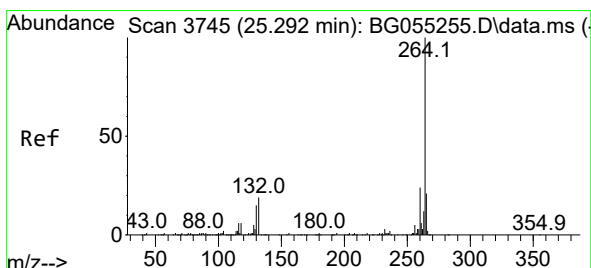
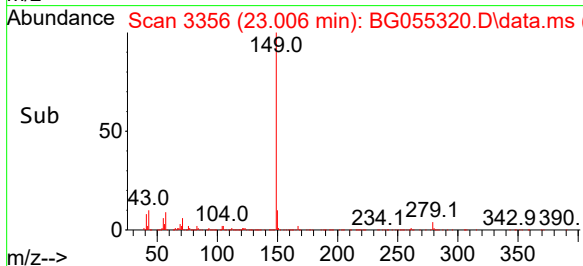
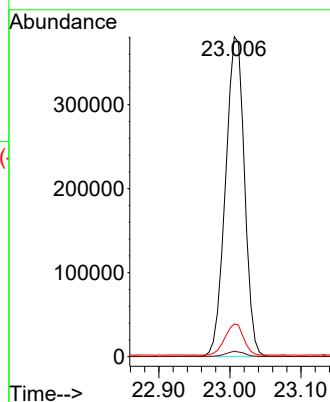
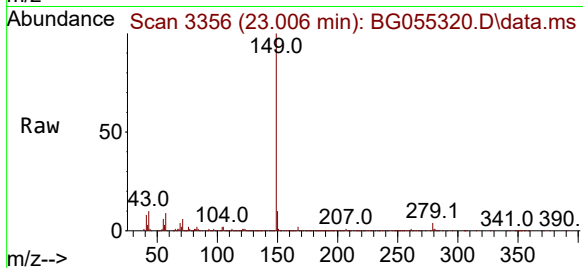
Tgt Ion:149 Resp: 702664

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.303 min Scan# 3747

Delta R.T. 0.012 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

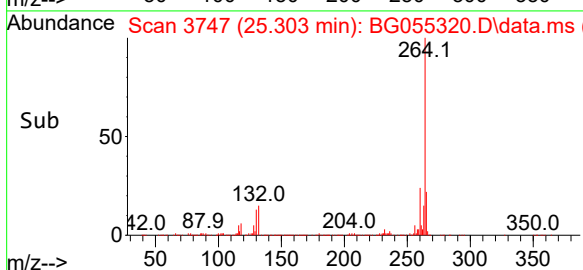
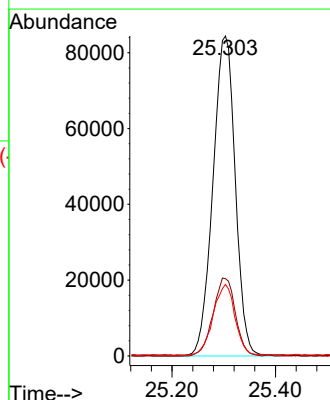
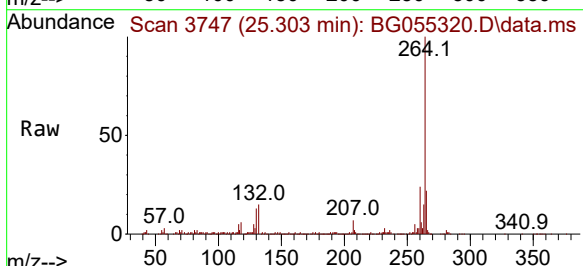
Tgt Ion:264 Resp: 253008

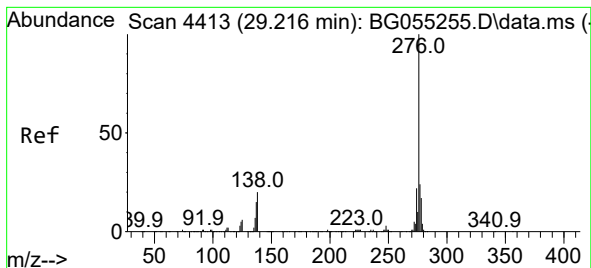
Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.486 ng

RT: 29.228 min Scan# 4413

Delta R.T. 0.012 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148495BS

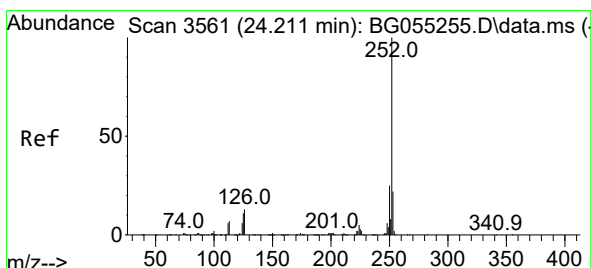
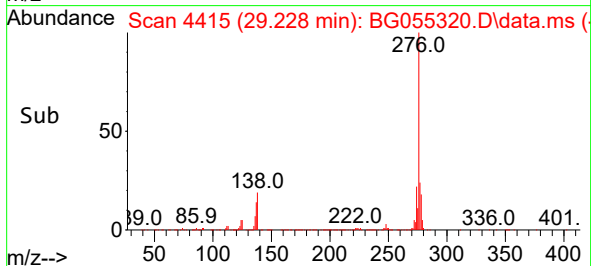
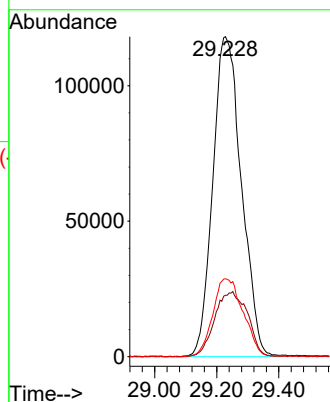
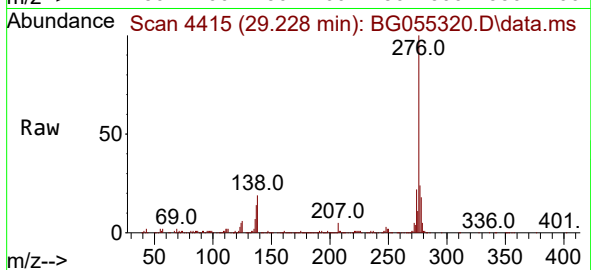
Tgt Ion:276 Resp: 756546

Ion Ratio Lower Upper

276 100

138 0.0 13.9 20.9#

277 25.9 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 43.276 ng

RT: 24.216 min Scan# 3562

Delta R.T. 0.006 min

Lab File: BG055320.D

Acq: 27 Oct 2022 12:21

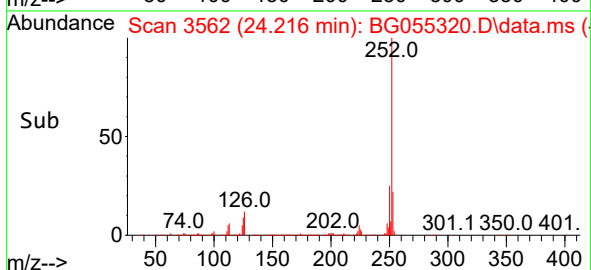
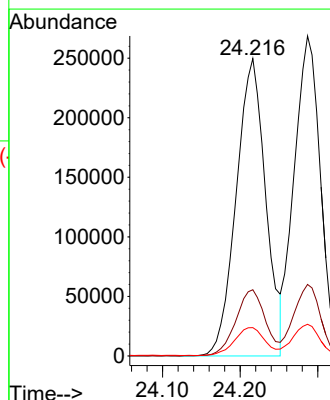
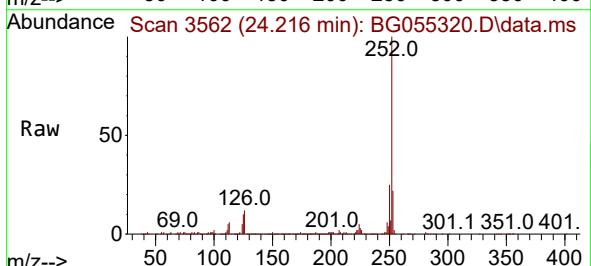
Tgt Ion:252 Resp: 658614

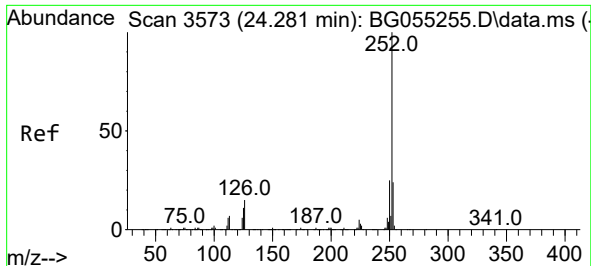
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.5 9.0 13.4

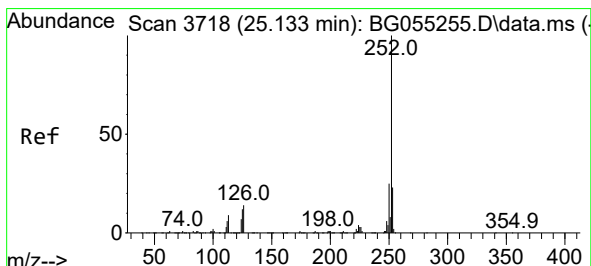
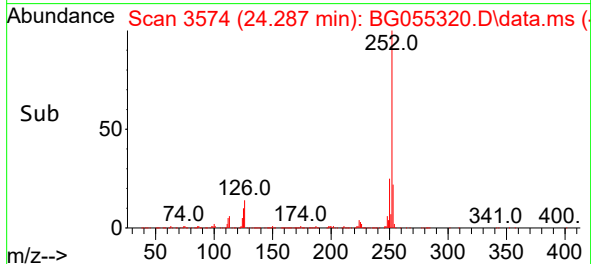
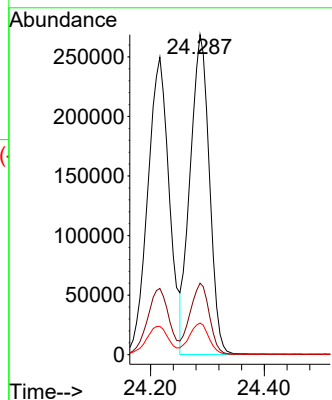
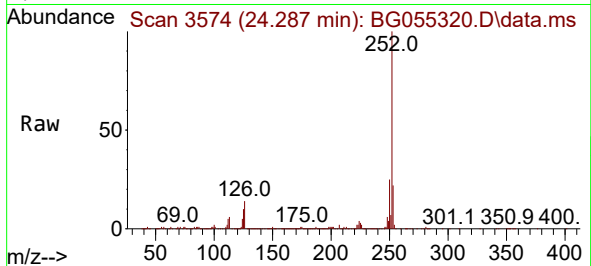




#89
Benzo(k)fluoranthene
Concen: 40.963 ng
RT: 24.287 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

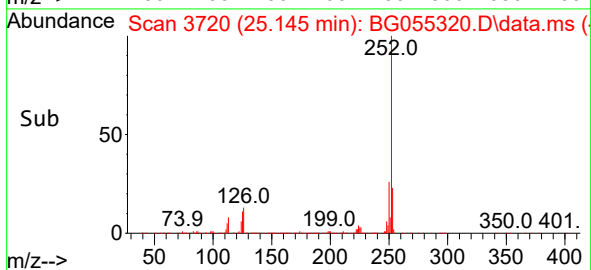
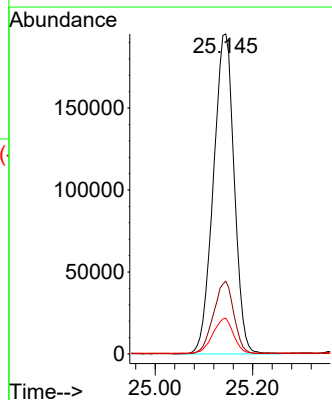
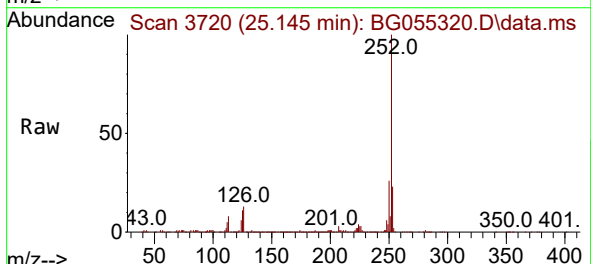
Instrument :
BNA_G
ClientSampleId :
PB148495BS

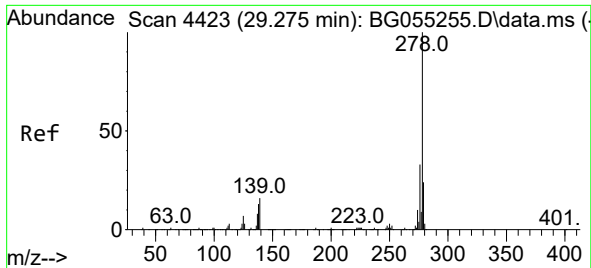
Tgt Ion:252 Resp: 629503
Ion Ratio Lower Upper
252 100
253 22.4 18.6 27.8
125 9.9 9.1 13.7



#90
Benzo(a)pyrene
Concen: 44.421 ng
RT: 25.145 min Scan# 3720
Delta R.T. 0.012 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:252 Resp: 579738
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.2 9.8 14.8

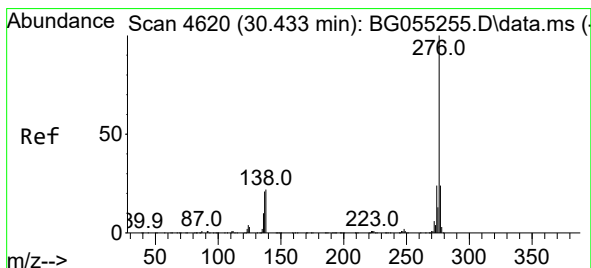
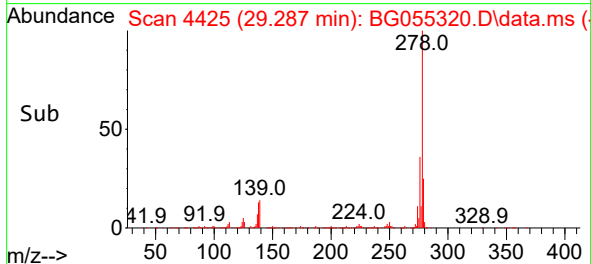
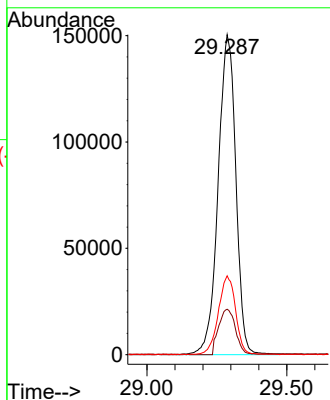
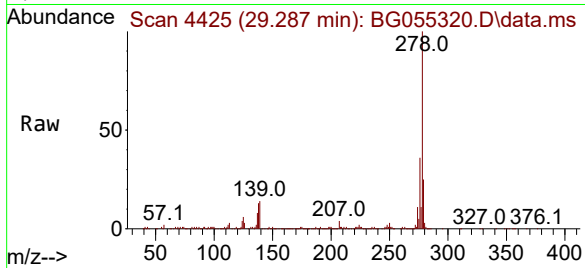




#91
Dibenzo(a,h)anthracene
Concen: 43.240 ng
RT: 29.287 min Scan# 4423
Delta R.T. 0.012 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Instrument :
BNA_G
ClientSampleId :
PB148495BS

Tgt Ion:278 Resp: 663097
Ion Ratio Lower Upper
278 100
139 14.2 12.9 19.3
279 24.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 42.351 ng
RT: 30.462 min Scan# 4625
Delta R.T. 0.029 min
Lab File: BG055320.D
Acq: 27 Oct 2022 12:21

Tgt Ion:276 Resp: 644178
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 20.1 17.2 25.8

