

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055154.D
 Acq On : 13 Oct 2022 2:05
 Operator : CG/JU
 Sample : PB148287BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148287BS

Quant Time: Oct 13 05:40:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.301	152	26880	20.000	ng	0.00
21) Naphthalene-d8	11.133	136	137631	20.000	ng	0.00
39) Acenaphthene-d10	14.911	164	116896	20.000	ng	0.00
64) Phenanthrene-d10	17.643	188	300236	20.000	ng	0.00
76) Chrysene-d12	21.926	240	283112	20.000	ng	0.00
86) Perylene-d12	25.340	264	296740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	238366	173.496	ng	0.00
7) Phenol-d6	7.437	99	331530	163.125	ng	0.00
23) Nitrobenzene-d5	9.476	82	210629	82.066	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	227586	135.495	ng	0.00
45) 2-Fluorobiphenyl	13.542	172	566597	79.179	ng	0.00
79) Terphenyl-d14	20.216	244	1201438	85.469	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.636	88	18756	32.262	ng	91
3) Pyridine	4.053	79	56872	31.023	ng	97
4) n-Nitrosodimethylamine	3.959	42	40073	41.194	ng	93
6) Aniline	7.614	93	128352	49.182	ng	98
8) 2-Chlorophenol	7.854	128	86544	51.656	ng	96
9) Benzaldehyde	7.426	77	53924	39.452	ng	98
10) Phenol	7.461	94	118103	52.305	ng	98
11) bis(2-Chloroethyl)ether	7.702	93	75470	47.256	ng	98
12) 1,3-Dichlorobenzene	8.189	146	84734	43.515	ng	99
13) 1,4-Dichlorobenzene	8.336	146	87613	44.564	ng	99
14) 1,2-Dichlorobenzene	8.659	146	85498	45.412	ng	96
15) Benzyl Alcohol	8.530	79	92294	50.796	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.824	45	124831	46.757	ng	96
17) 2-Methylphenol	8.730	107	84091	51.763	ng	98
18) Hexachloroethane	9.400	117	29273	43.923	ng	99
19) n-Nitroso-di-n-propyla...	9.106	70	75773	46.197	ng	98
20) 3+4-Methylphenols	9.059	107	116456	49.962	ng	94
22) Acetophenone	9.124	105	143582	42.134	ng	# 98
24) Nitrobenzene	9.517	77	108655	40.920	ng	97
25) Isophorone	10.040	82	217628	43.663	ng	99
26) 2-Nitrophenol	10.234	139	54773	43.537	ng	95
27) 2,4-Dimethylphenol	10.275	122	99099	51.795	ng	99
28) bis(2-Chloroethoxy)met...	10.516	93	113757	46.052	ng	99
29) 2,4-Dichlorophenol	10.763	162	103256	45.155	ng	99
30) 1,2,4-Trichlorobenzene	10.992	180	96507	39.125	ng	99
31) Naphthalene	11.186	128	289803	40.038	ng	99
32) Benzoic acid	10.399	122	68262	41.963	ng	95
33) 4-Chloroaniline	11.280	127	110097	35.387	ng	96
34) Hexachlorobutadiene	11.462	225	59649	37.925	ng	98
35) Caprolactam	12.050	113	21848	23.258	ng	97
36) 4-Chloro-3-methylphenol	12.373	107	121482	47.110	ng	99
37) 2-Methylnaphthalene	12.766	142	224462	41.412	ng	100
38) 1-Methylnaphthalene	12.978	142	217480	41.125	ng	99
40) 1,2,4,5-Tetrachloroben...	13.125	216	128930	39.105	ng	99
41) Hexachlorocyclopentadiene	13.101	237	163813	99.435	ng	99
43) 2,4,6-Trichlorophenol	13.354	196	98092	40.933	ng	97

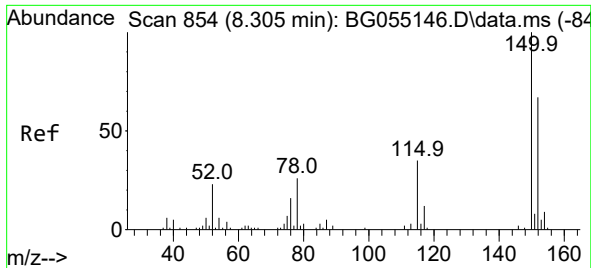
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.424	196	111857	42.065	ng	99
46) 1,1'-Biphenyl	13.753	154	319642	41.186	ng	99
47) 2-Chloronaphthalene	13.800	162	247563	39.435	ng	99
48) 2-Nitroaniline	13.988	65	92532	41.315	ng	96
49) Acenaphthylene	14.641	152	419996	39.853	ng	99
50) Dimethylphthalate	14.353	163	375825	39.996	ng	99
51) 2,6-Dinitrotoluene	14.476	165	81531	42.164	ng	99
52) Acenaphthene	14.976	154	311984	45.763	ng	100
53) 3-Nitroaniline	14.805	138	76975	34.335	ng	94
54) 2,4-Dinitrophenol	15.005	184	108921	92.598	ng	92
55) Dibenzofuran	15.305	168	425592	40.012	ng	99
56) 4-Nitrophenol	15.093	139	151510	86.787	ng	95
57) 2,4-Dinitrotoluene	15.258	165	119526	42.203	ng	99
58) Fluorene	15.951	166	345645	39.577	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.522	232	107260	40.875	ng	100
60) Diethylphthalate	15.704	149	393701	39.778	ng	99
61) 4-Chlorophenyl-phenyle...	15.933	204	191820	41.019	ng	98
62) 4-Nitroaniline	15.963	138	92568	38.245	ng	97
63) Azobenzene	16.227	77	341353	40.625	ng	98
65) 4,6-Dinitro-2-methylph...	16.015	198	72993	41.362	ng	95
66) n-Nitrosodiphenylamine	16.145	169	327265	41.318	ng	100
67) 4-Bromophenyl-phenylether	16.826	248	135244	41.322	ng	97
68) Hexachlorobenzene	16.950	284	151295	40.219	ng	98
69) Atrazine	17.079	200	142994	45.793	ng	99
70) Pentachlorophenol	17.285	266	189324	84.470	ng	96
71) Phenanthrene	17.684	178	617549	39.655	ng	99
72) Anthracene	17.778	178	629119	41.338	ng	100
73) Carbazole	18.037	167	584867	41.274	ng	99
74) Di-n-butylphthalate	18.577	149	690974	39.610	ng	100
75) Fluoranthene	19.670	202	763915	39.242	ng	98
77) Benzidine	19.840	184	478417	75.355	ng	99
78) Pyrene	20.034	202	763357	40.447	ng	99
80) Butylbenzylphthalate	20.898	149	301762	41.651	ng	99
81) Benzo(a)anthracene	21.903	228	729129	40.252	ng	100
82) 3,3'-Dichlorobenzidine	21.809	252	245890	39.554	ng	99
83) Chrysene	21.973	228	677625	39.656	ng	100
84) Bis(2-ethylhexyl)phtha...	21.785	149	427764	41.449	ng	99
85) Di-n-octyl phthalate	23.060	149	720468	41.874	ng	99
87) Indeno(1,2,3-cd)pyrene	29.271	276	890469	40.511	ng	97
88) Benzo(b)fluoranthene	24.247	252	796838	45.054	ng	100
89) Benzo(k)fluoranthene	24.323	252	741691	41.740	ng	99
90) Benzo(a)pyrene	25.181	252	688787	45.543	ng	99
91) Dibenzo(a,h)anthracene	29.347	278	775707	42.646	ng	100
92) Benzo(g,h,i)perylene	30.516	276	763372	42.843	ng	98

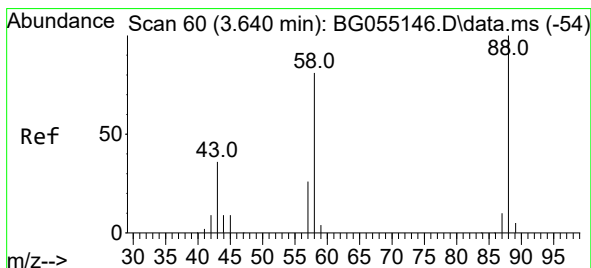
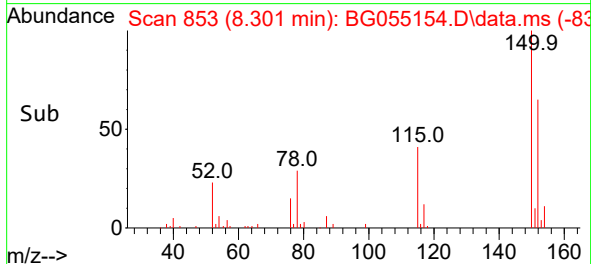
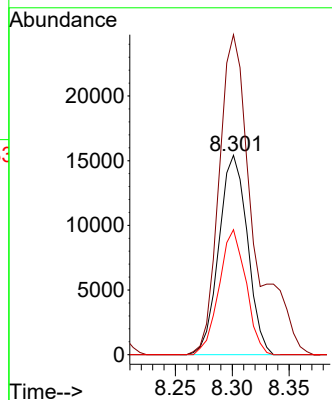
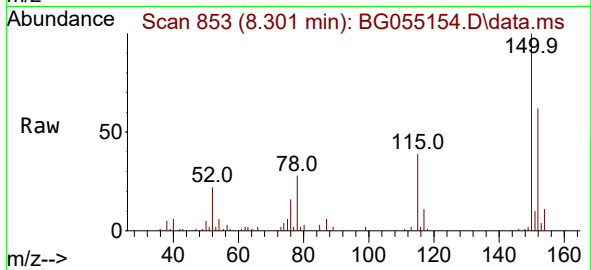
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.301 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055154.D
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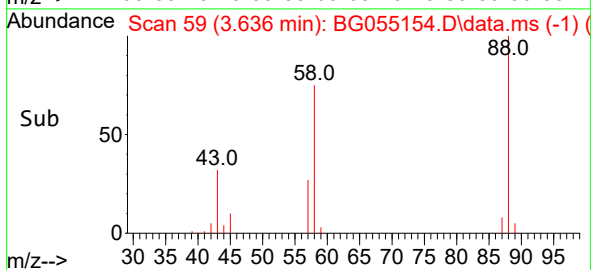
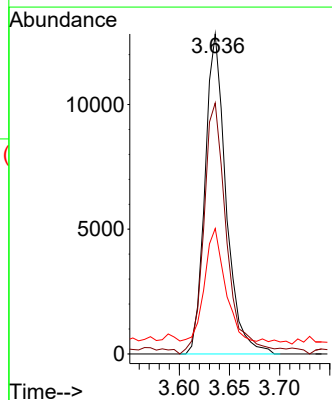
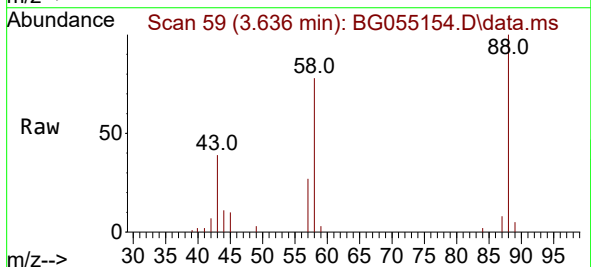
Instrument :
BNA_G
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PB148287BS

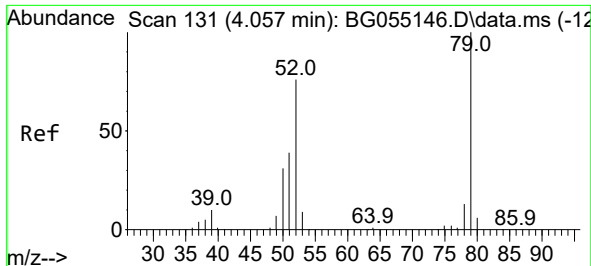
Tgt Ion:152 Resp: 26880
Ion Ratio Lower Upper
152 100
150 160.5 119.7 179.5
115 62.7 42.4 63.6



#2
1,4-Dioxane
Concen: 32.262 ng
RT: 3.636 min Scan# 59
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion: 88 Resp: 18756
Ion Ratio Lower Upper
88 100
58 86.2 61.0 91.4
43 34.0 26.5 39.7

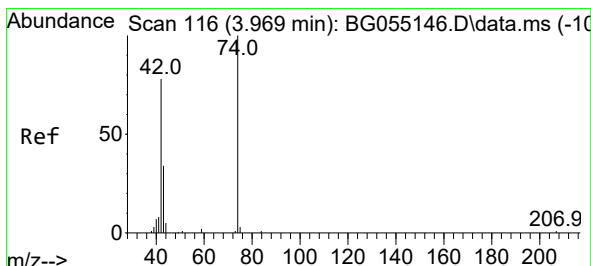
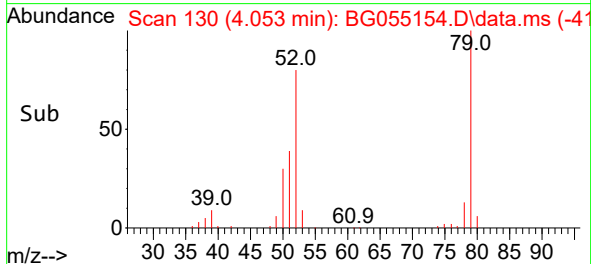
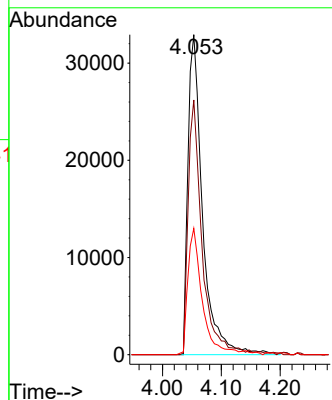
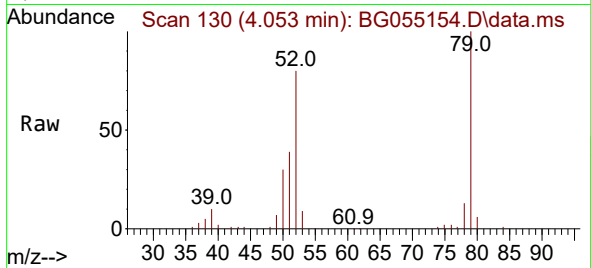




#3
Pyridine
Concen: 31.023 ng
RT: 4.053 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

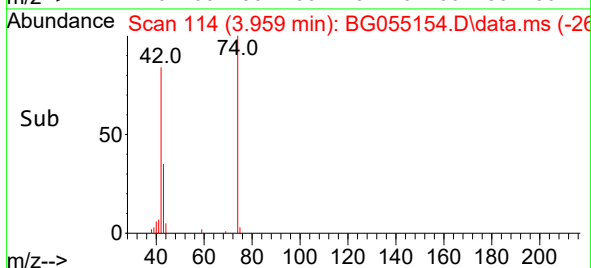
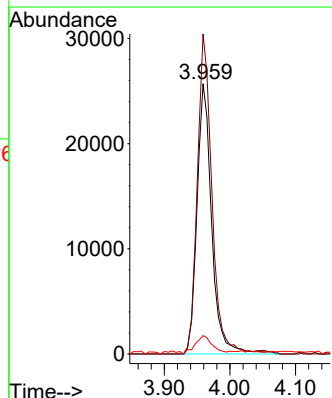
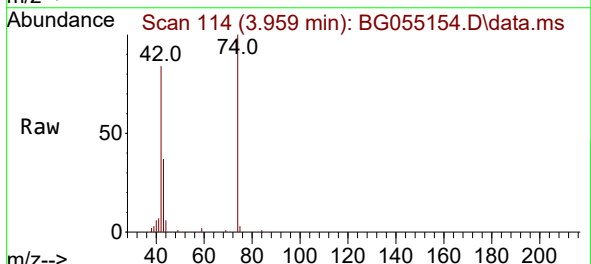
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ClientSampleId :
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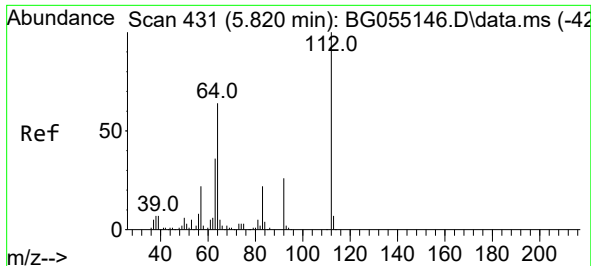
Tgt Ion: 79 Resp: 56872
Ion Ratio Lower Upper
79 100
52 79.6 60.9 91.3
51 39.5 31.6 47.4



#4
n-Nitrosodimethylamine
Concen: 41.194 ng
RT: 3.959 min Scan# 114
Delta R.T. -0.010 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion: 42 Resp: 40073
Ion Ratio Lower Upper
42 100
74 118.4 101.9 152.9
44 6.8 5.5 8.3

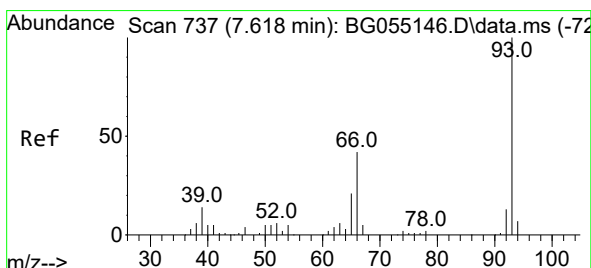
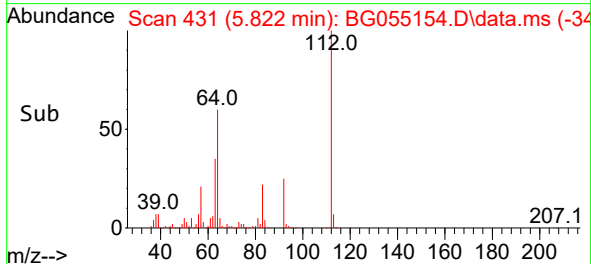
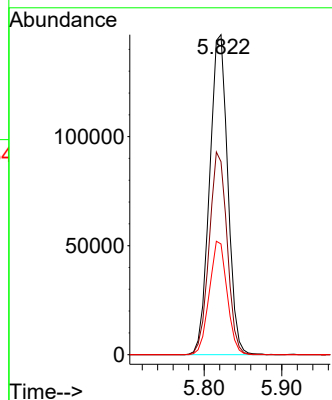
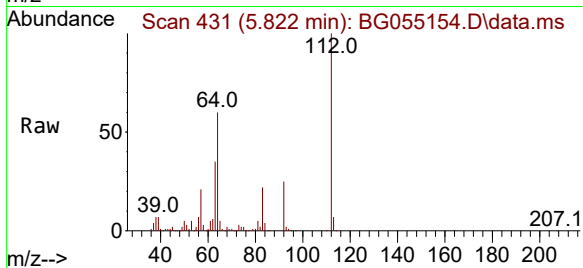




#5
2-Fluorophenol
Concen: 173.496 ng
RT: 5.822 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

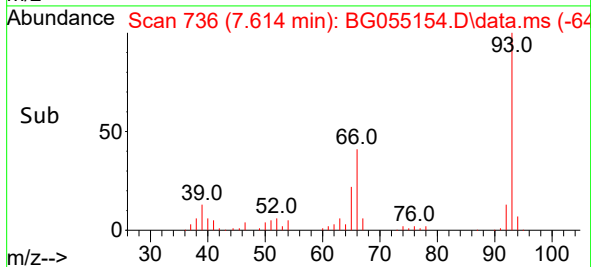
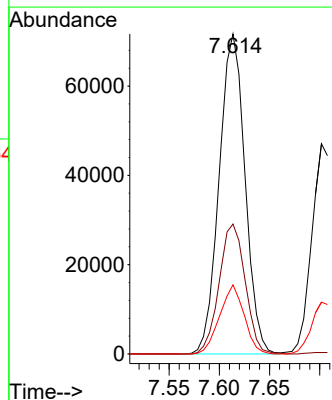
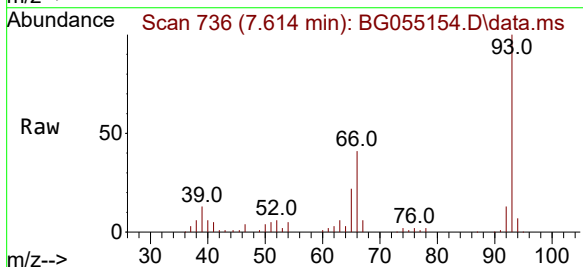
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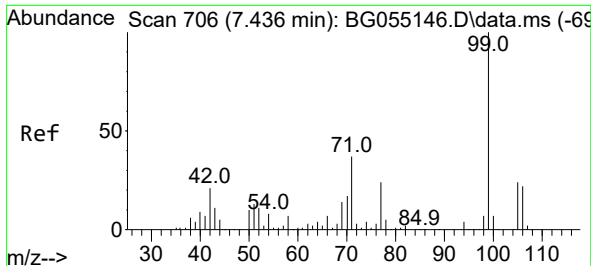
Tgt Ion:112 Resp: 238366
Ion Ratio Lower Upper
112 100
64 60.3 50.9 76.3
63 34.6 29.0 43.6



#6
Aniline
Concen: 49.182 ng
RT: 7.614 min Scan# 736
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion: 93 Resp: 128352
Ion Ratio Lower Upper
93 100
66 40.6 33.3 49.9
65 21.6 16.6 25.0

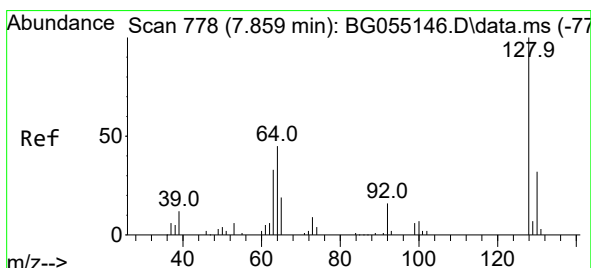
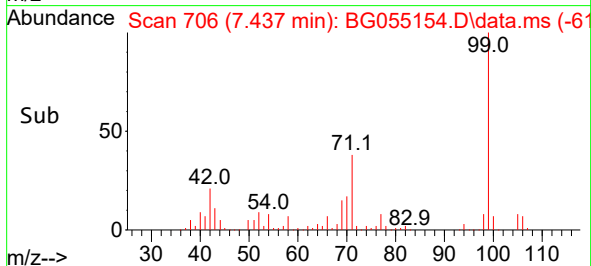
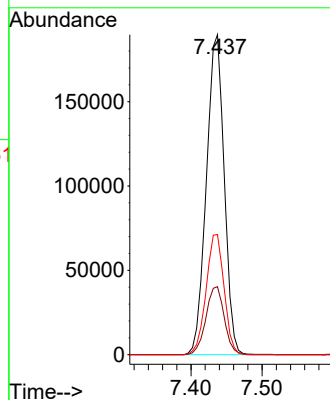
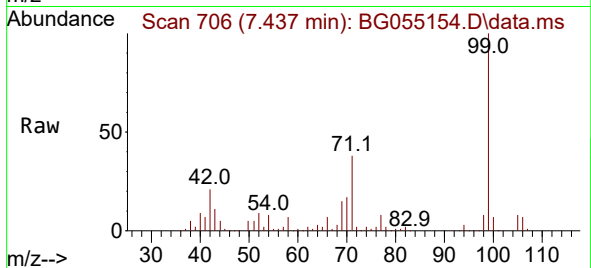




#7
Phenol-d6
Concen: 163.125 ng
RT: 7.437 min Scan# 706
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

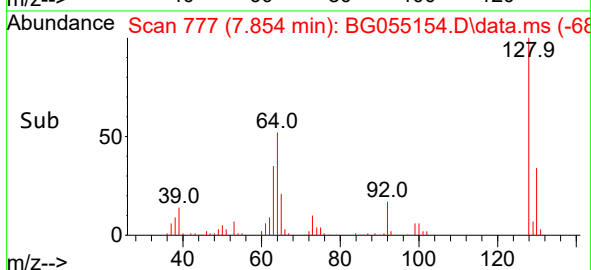
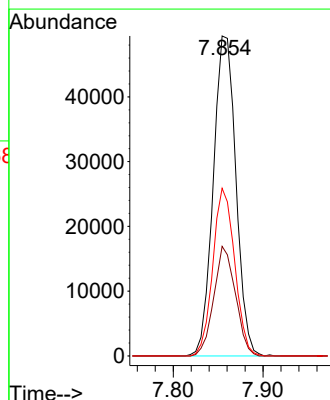
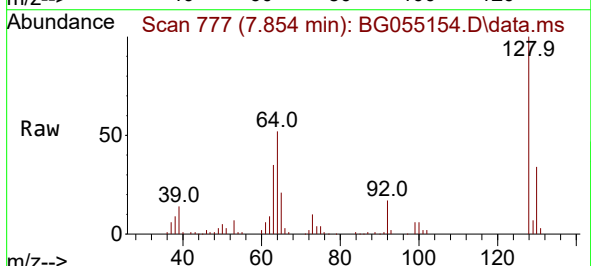
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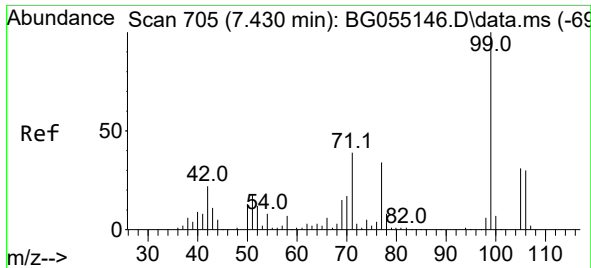
Tgt Ion: 99 Resp: 331530
Ion Ratio Lower Upper
99 100
42 21.3 16.6 25.0
71 37.6 29.6 44.4



#8
2-Chlorophenol
Concen: 51.656 ng
RT: 7.854 min Scan# 777
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion: 128 Resp: 86544
Ion Ratio Lower Upper
128 100
130 34.2 11.8 51.8
64 52.4 29.7 69.7

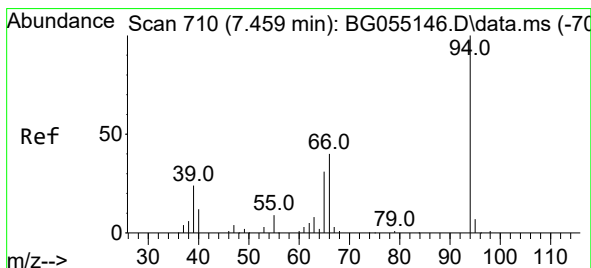
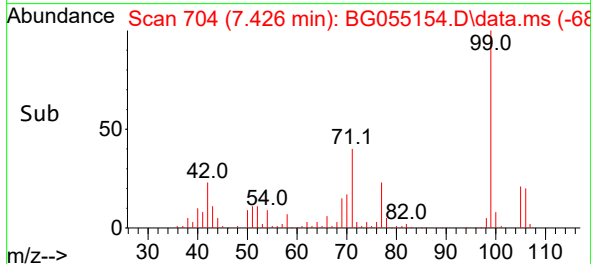
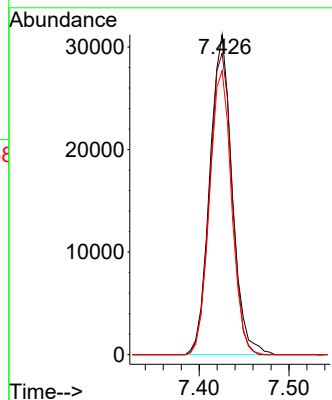
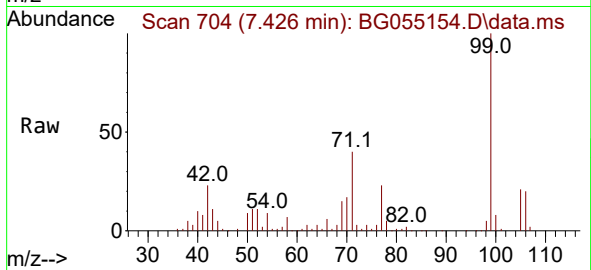




#9
Benzaldehyde
Concen: 39.452 ng
RT: 7.426 min Scan# 705
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

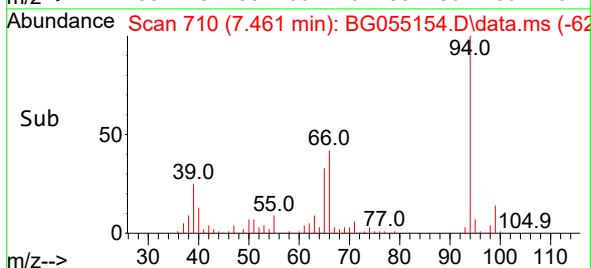
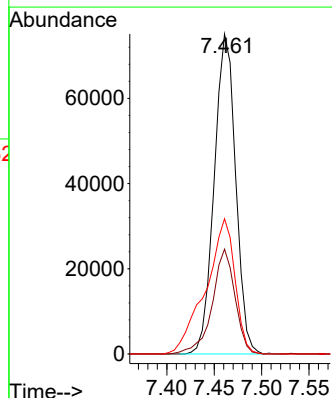
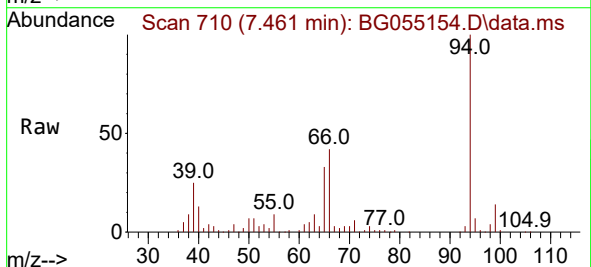
Instrument :
BNA_G
ClientSampleId :
PB148287BS

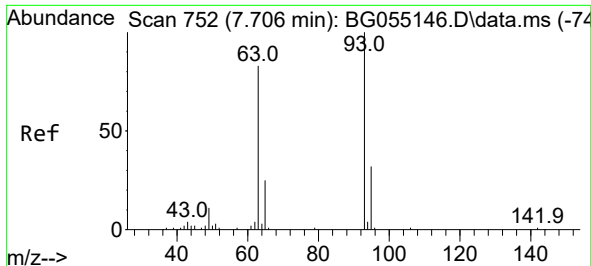
Tgt Ion: 77 Resp: 53924
Ion Ratio Lower Upper
77 100
105 94.2 71.2 111.2
106 88.7 68.6 108.6



#10
Phenol
Concen: 52.305 ng
RT: 7.461 min Scan# 710
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion: 94 Resp: 118103
Ion Ratio Lower Upper
94 100
65 32.7 11.2 51.2
66 42.2 21.5 61.5

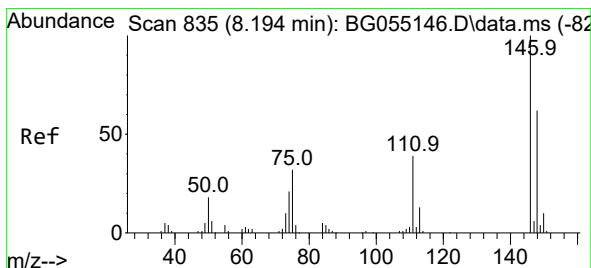
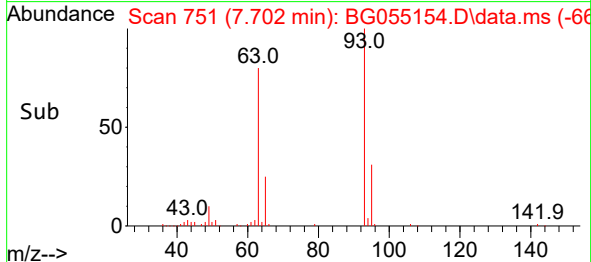
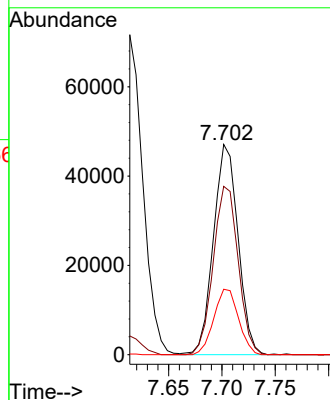
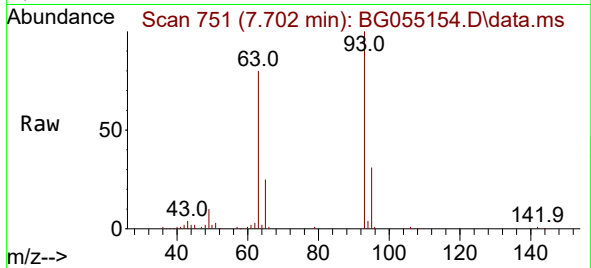




#11
bis(2-Chloroethyl)ether
Concen: 47.256 ng
RT: 7.702 min Scan# 751
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

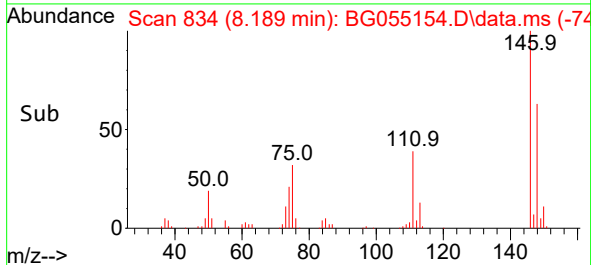
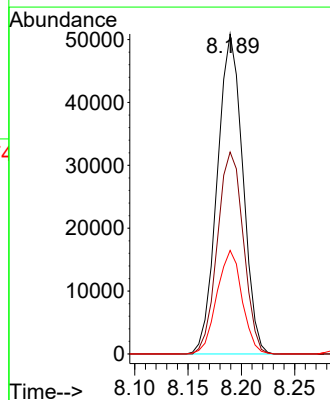
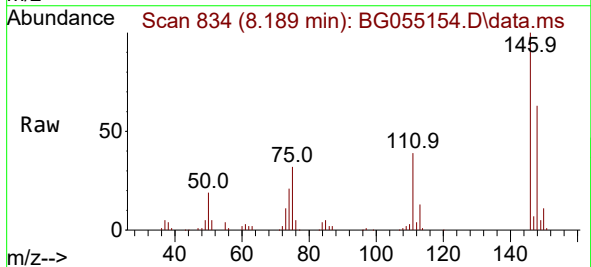
Instrument :
BNA_G
ClientSampleId :
PB148287BS

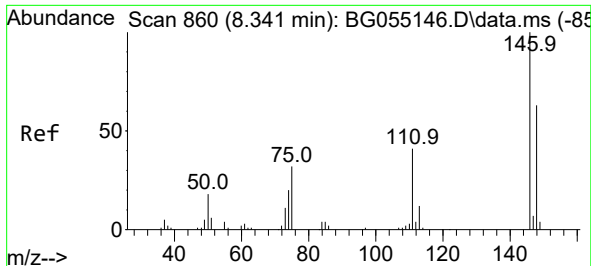
Tgt Ion: 93 Resp: 75470
Ion Ratio Lower Upper
93 100
63 80.1 62.3 102.3
95 31.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 43.515 ng
RT: 8.189 min Scan# 834
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion: 146 Resp: 84734
Ion Ratio Lower Upper
146 100
148 63.1 49.6 74.4
75 32.3 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 44.564 ng

RT: 8.336 min Scan# 8

Delta R.T. -0.004 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

Instrument :

BNA_G

ClientSampleId :

PB148287BS

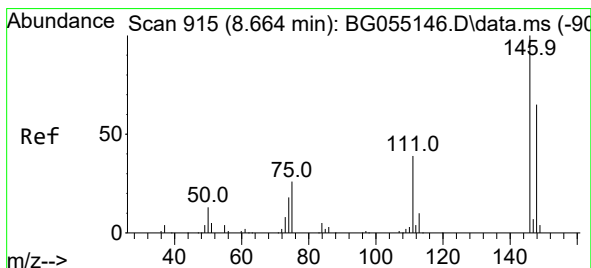
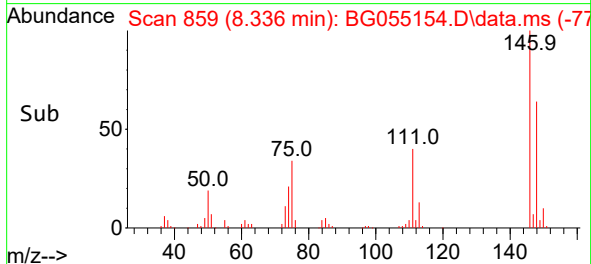
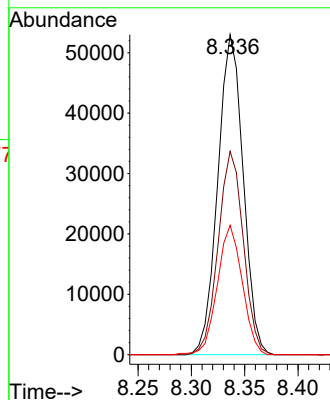
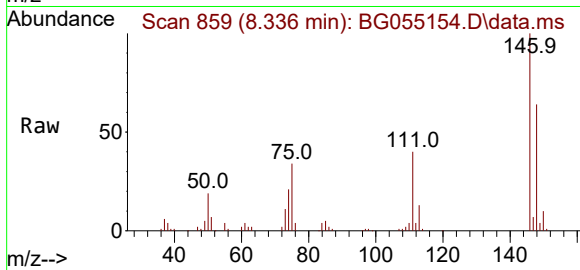
Tgt Ion:146 Resp: 87613

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 40.4 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 45.412 ng

RT: 8.659 min Scan# 914

Delta R.T. -0.004 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

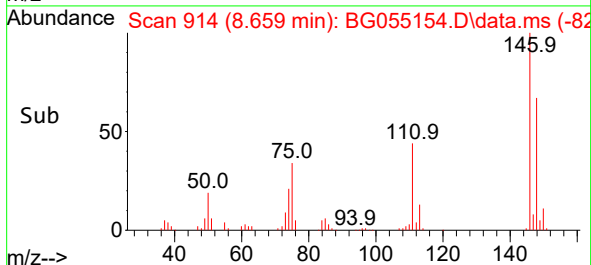
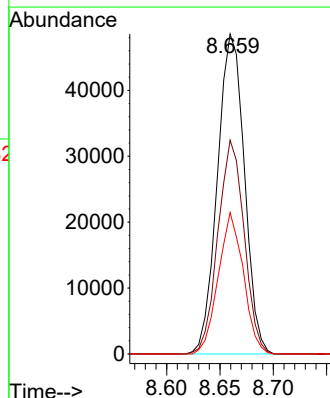
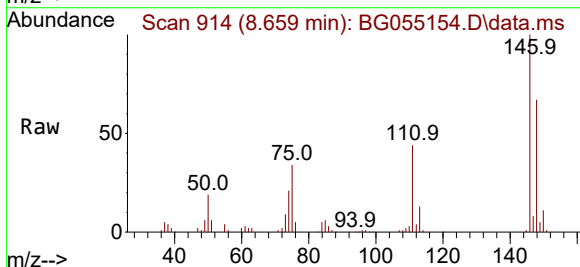
Tgt Ion:146 Resp: 85498

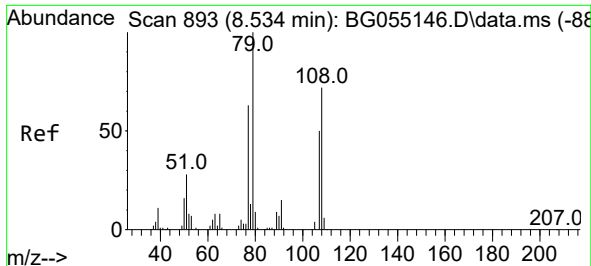
Ion Ratio Lower Upper

146 100

148 66.8 51.7 77.5

111 44.2 32.1 48.1

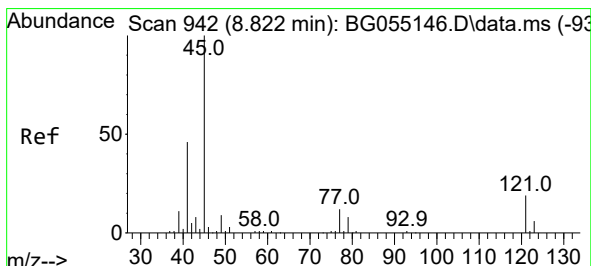
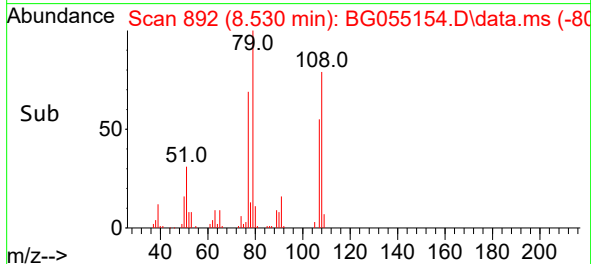
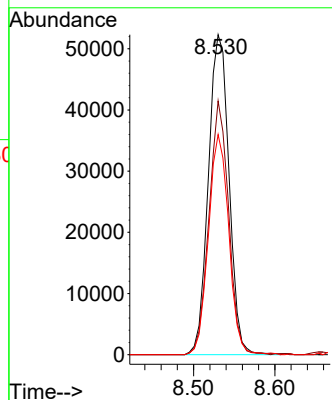
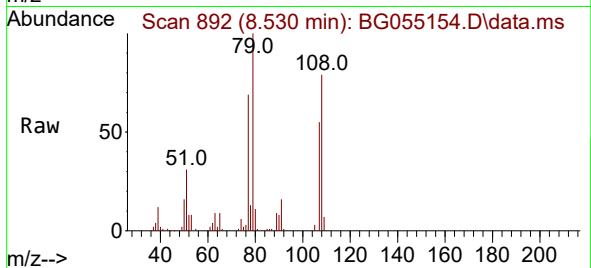




#15
Benzyl Alcohol
Concen: 50.796 ng
RT: 8.530 min Scan# 893
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

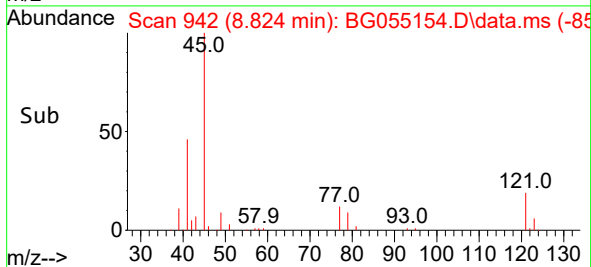
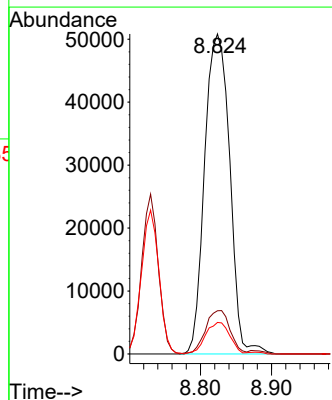
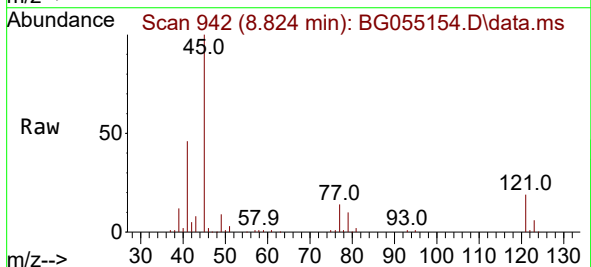
Instrument :
BNA_G
ClientSampleId :
PB148287BS

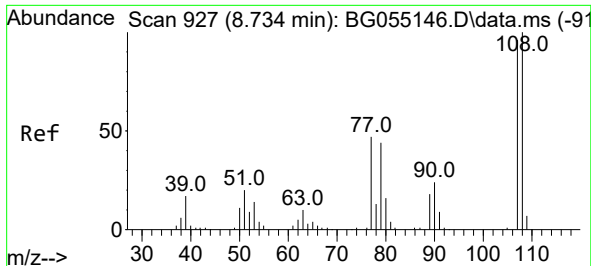
Tgt Ion: 79 Resp: 92294
Ion Ratio Lower Upper
79 100
108 79.3 58.0 87.0
77 68.8 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.757 ng
RT: 8.824 min Scan# 942
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion: 45 Resp: 124831
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.0
79 9.9 0.0 28.6

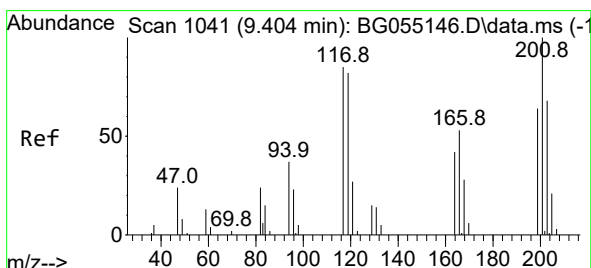
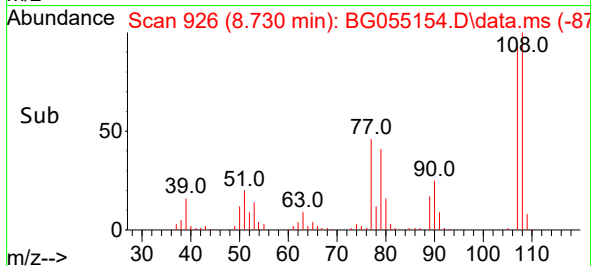
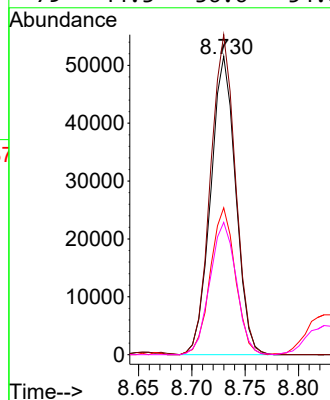
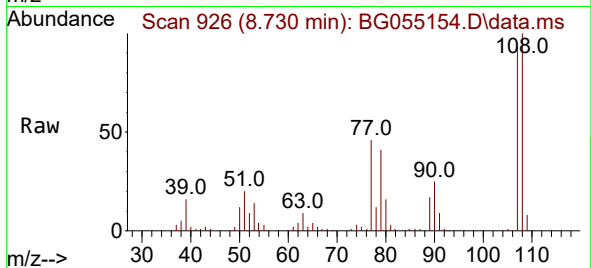




#17
2-Methylphenol
Concen: 51.763 ng
RT: 8.730 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

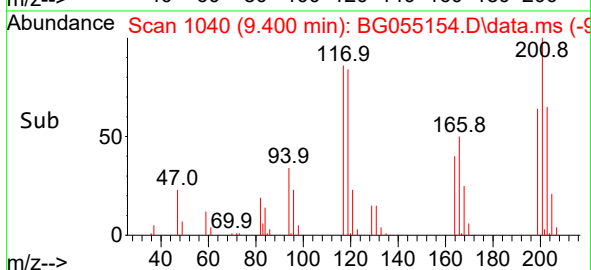
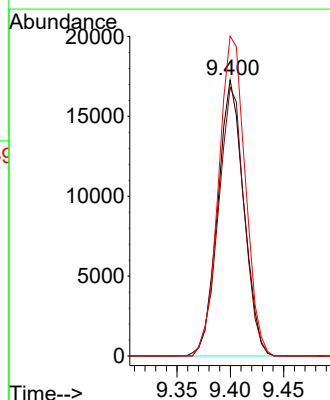
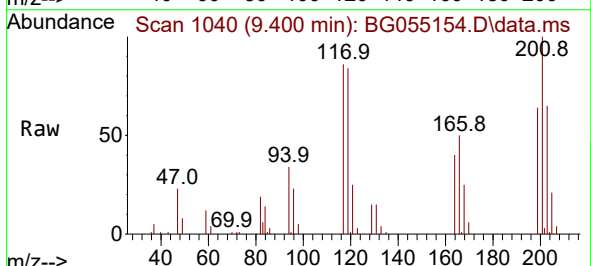
Instrument :
BNA_G
ClientSampleId :
PB148287BS

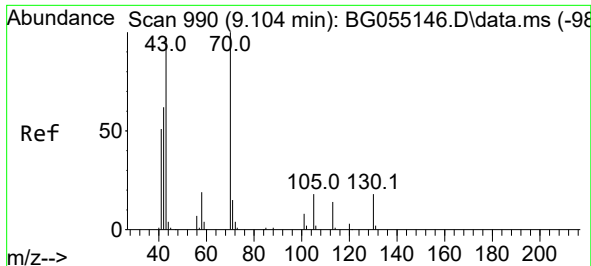
Tgt Ion:	107	Resp:	84091
Ion Ratio	Lower	Upper	
107	100		
108	107.2	83.4	125.0
77	49.2	39.0	58.6
79	44.3	36.6	54.8



#18
Hexachloroethane
Concen: 43.923 ng
RT: 9.400 min Scan# 1040
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:	117	Resp:	29273
Ion Ratio	Lower	Upper	
117	100		
119	97.3	76.8	115.2
201	118.9	93.8	140.8

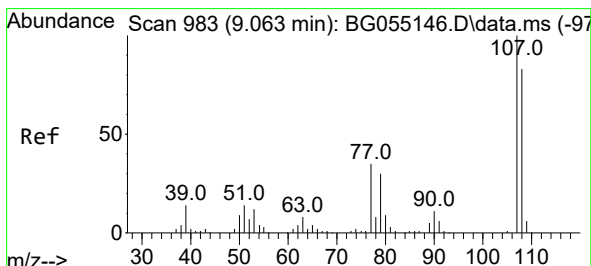
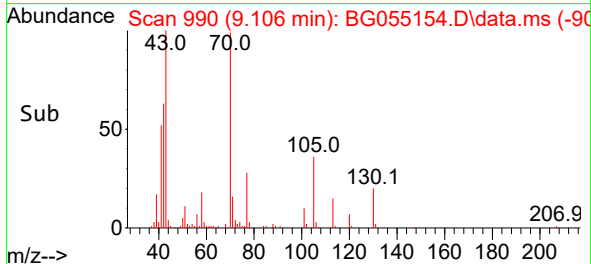
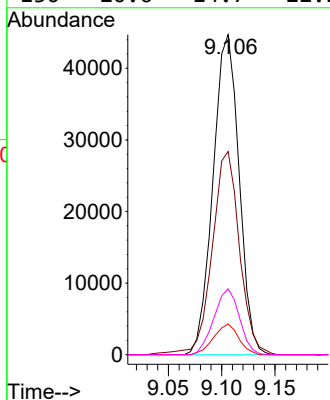
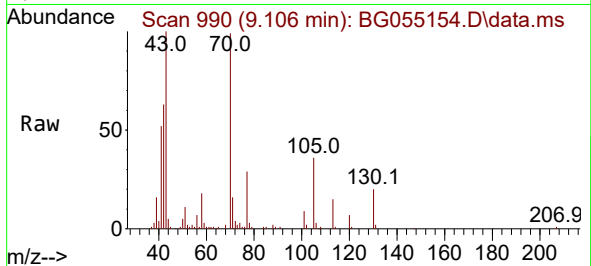




#19
n-Nitroso-di-n-propylamine
Concen: 46.197 ng
RT: 9.106 min Scan# 990
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

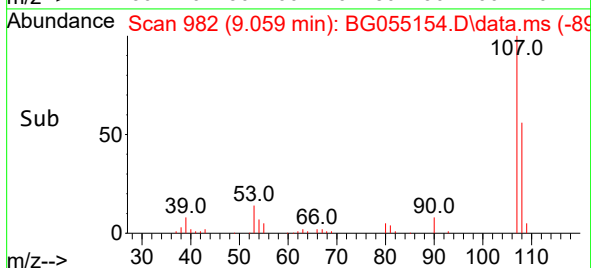
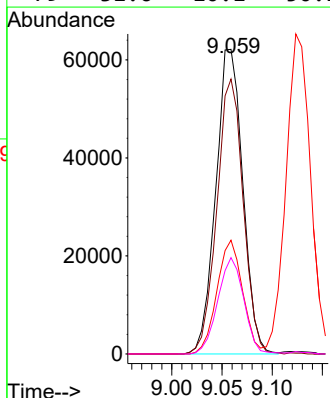
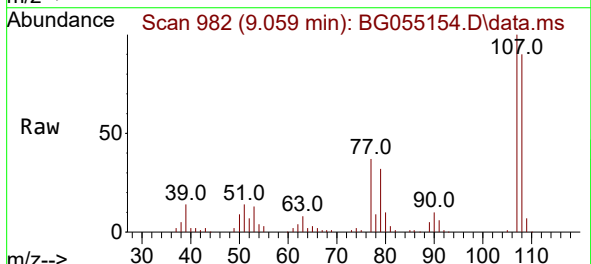
Instrument :
BNA_G
ClientSampleId :
PB148287BS

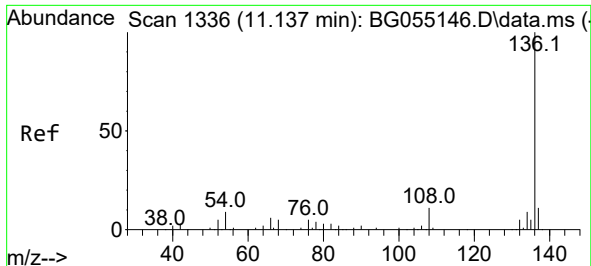
Tgt Ion:	70	Resp:	75773
Ion	Ratio	Lower	Upper
70	100		
42	63.5	50.1	75.1
101	9.6	6.6	10.0
130	20.6	14.7	22.1



#20
3+4-Methylphenols
Concen: 49.962 ng
RT: 9.059 min Scan# 982
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:	107	Resp:	116456
Ion	Ratio	Lower	Upper
107	100		
108	90.2	63.1	103.1
77	37.3	15.1	55.1
79	31.6	10.1	50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

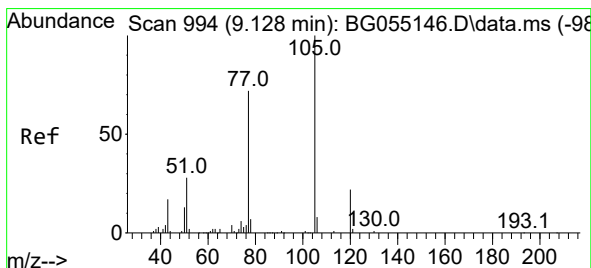
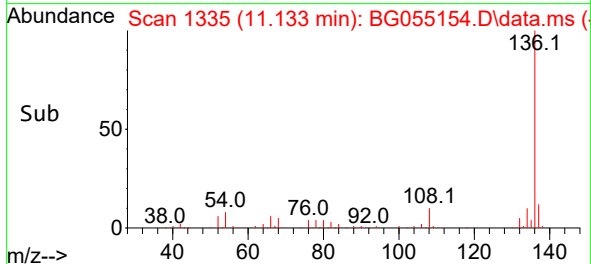
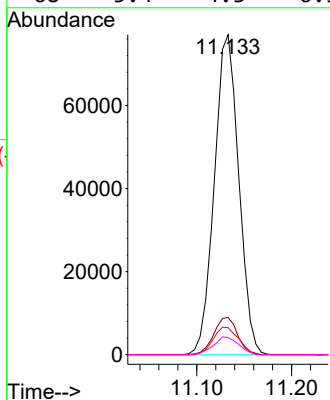
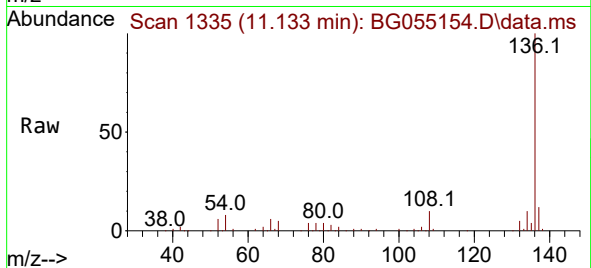
Instrument :

BNA_G

ClientSampleId :

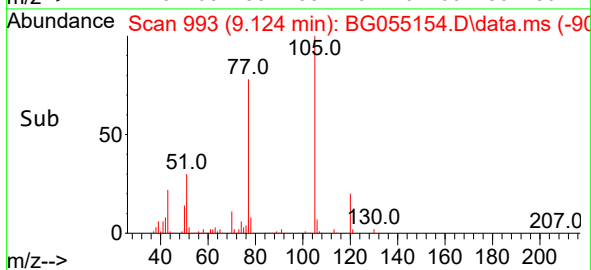
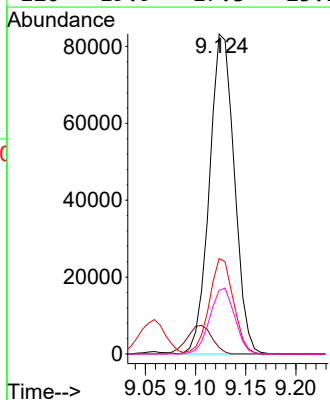
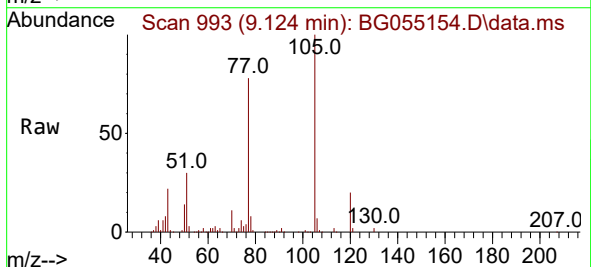
PB148287BS

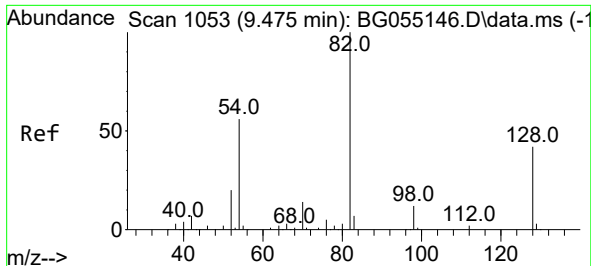
Tgt Ion:136 Resp: 137631
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.4 7.0 10.6
68 5.4 4.3 6.5



#22
Acetophenone
Concen: 42.134 ng
RT: 9.124 min Scan# 993
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:105 Resp: 143582
Ion Ratio Lower Upper
105 100
71 2.0 1.3 1.9#
51 29.9 23.8 35.6
120 19.9 17.3 25.9

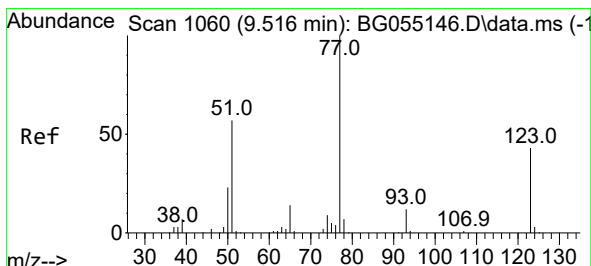
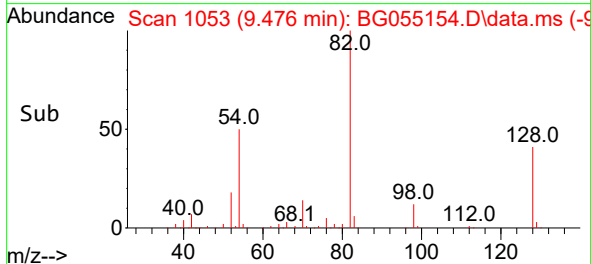
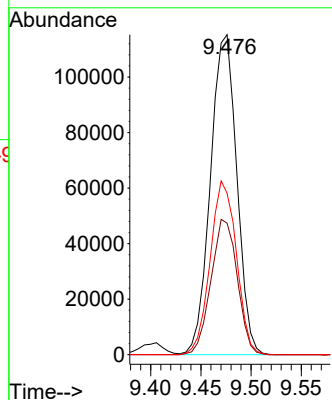
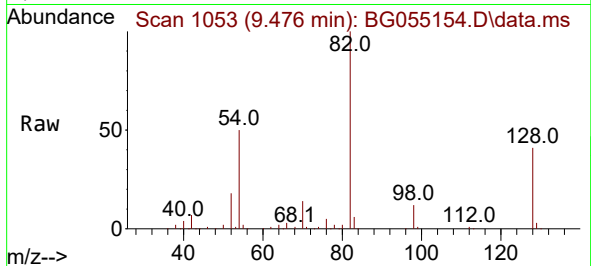




#23
Nitrobenzene-d5
Concen: 82.066 ng
RT: 9.476 min Scan# 1053
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

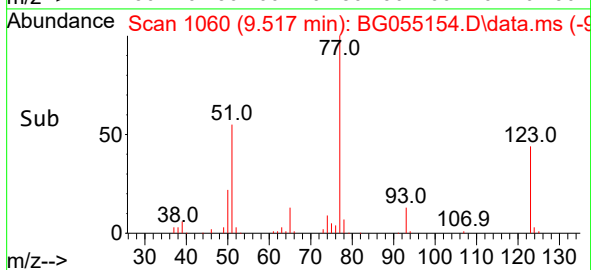
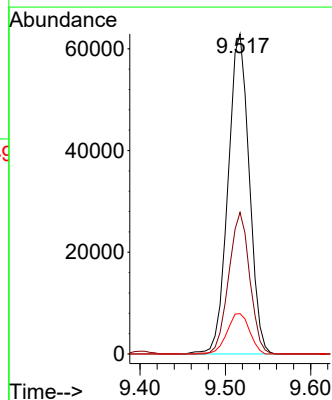
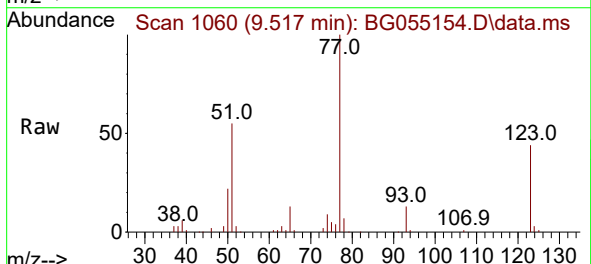
Instrument :
BNA_G
ClientSampleId :
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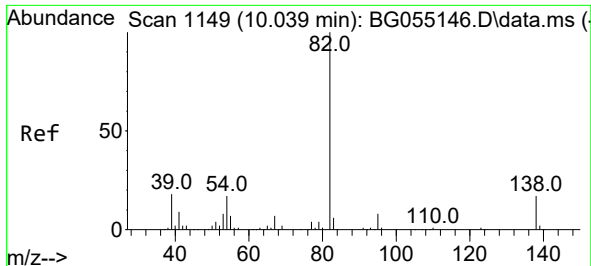
Tgt Ion: 82 Resp: 210629
Ion Ratio Lower Upper
82 100
128 41.1 33.5 50.3
54 50.5 44.7 67.1



#24
Nitrobenzene
Concen: 40.920 ng
RT: 9.517 min Scan# 1060
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion: 77 Resp: 108655
Ion Ratio Lower Upper
77 100
123 44.2 34.2 51.4
65 12.6 11.4 17.0

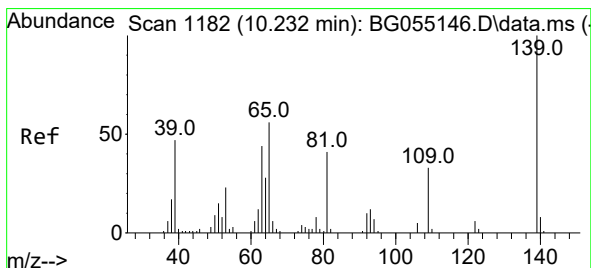
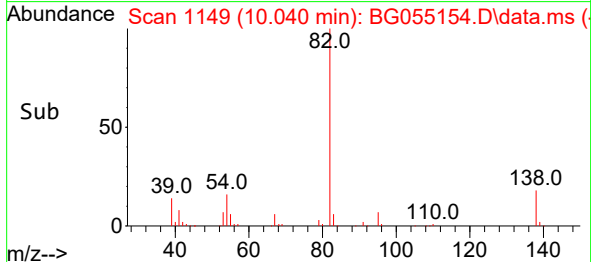
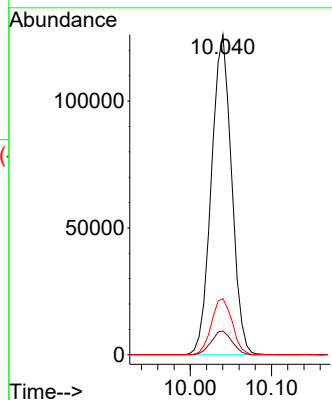
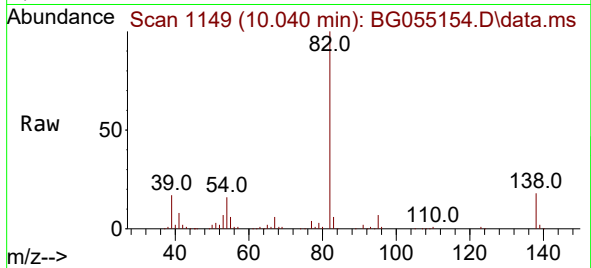




#25
Isophorone
Concen: 43.663 ng
RT: 10.040 min Scan# 1149
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

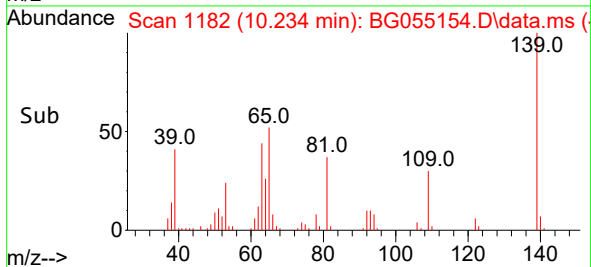
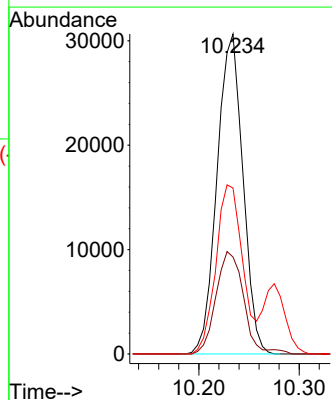
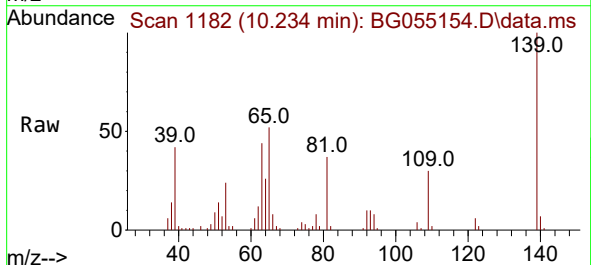
Instrument :
BNA_G
ClientSampleId :
PB148287BS

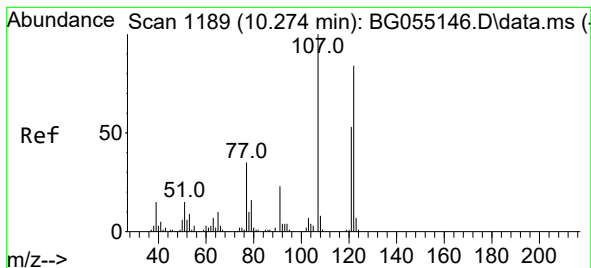
Tgt Ion: 82 Resp: 217628
Ion Ratio Lower Upper
82 100
95 7.4 6.3 9.5
138 17.5 13.8 20.6



#26
2-Nitrophenol
Concen: 43.537 ng
RT: 10.234 min Scan# 1182
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion: 139 Resp: 54773
Ion Ratio Lower Upper
139 100
109 30.3 26.5 39.7
65 51.9 44.4 66.6

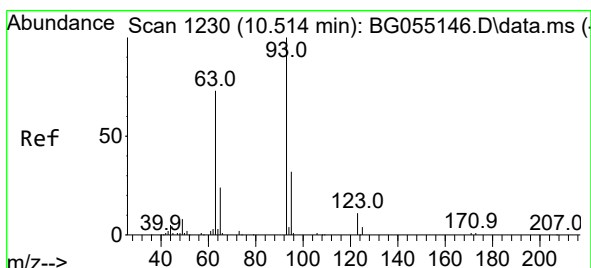
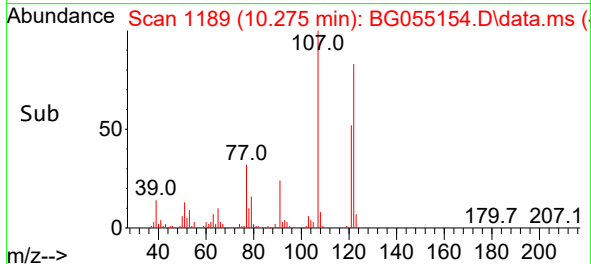
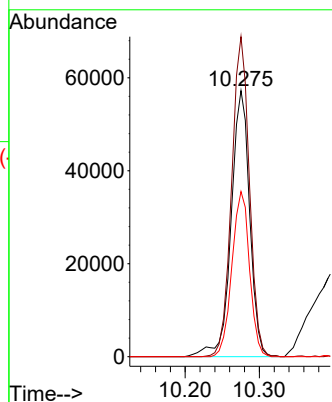
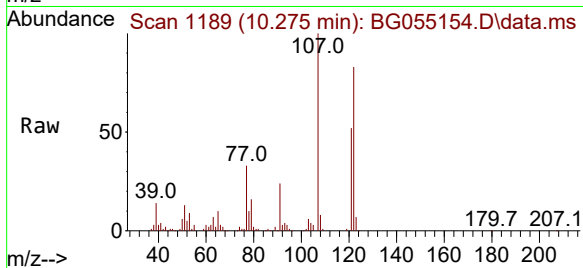




#27
2,4-Dimethylphenol
Concen: 51.795 ng
RT: 10.275 min Scan# 1189
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

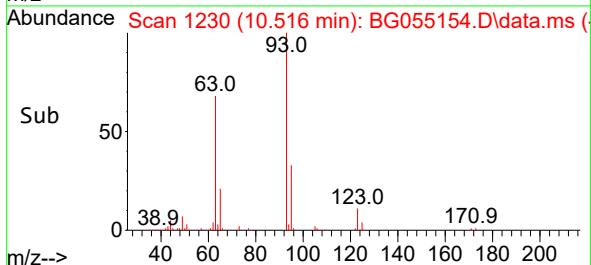
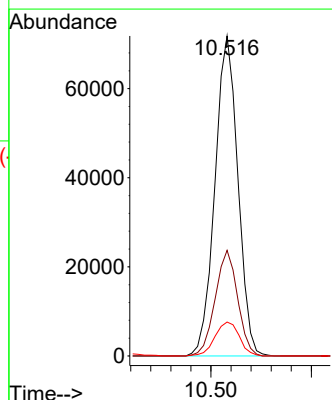
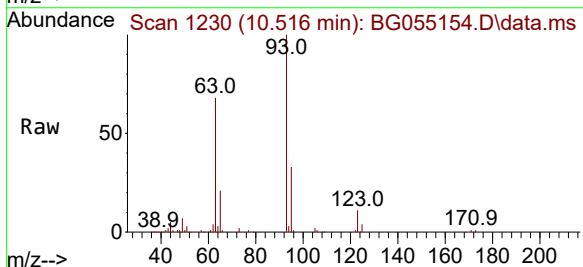
Instrument :
BNA_G
ClientSampleId :
PB148287BS

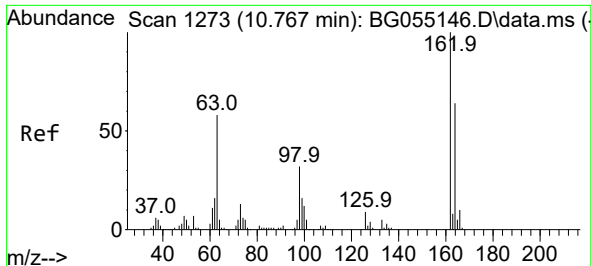
Tgt Ion:122 Resp: 99099
Ion Ratio Lower Upper
122 100
107 120.3 95.3 142.9
121 62.1 50.4 75.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.052 ng
RT: 10.516 min Scan# 1230
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion: 93 Resp: 113757
Ion Ratio Lower Upper
93 100
95 33.0 26.0 39.0
123 10.6 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 45.155 ng

RT: 10.763 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

Instrument :

BNA_G

ClientSampleId :

PB148287BS

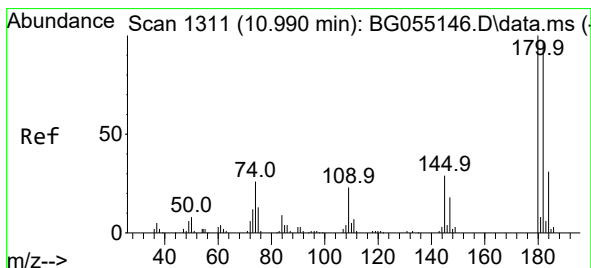
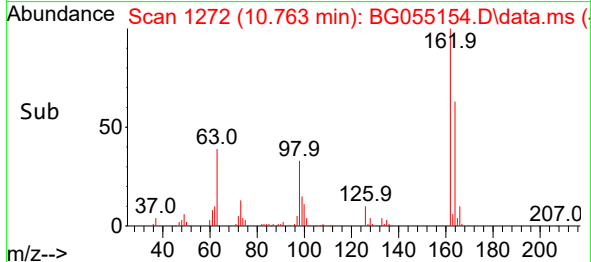
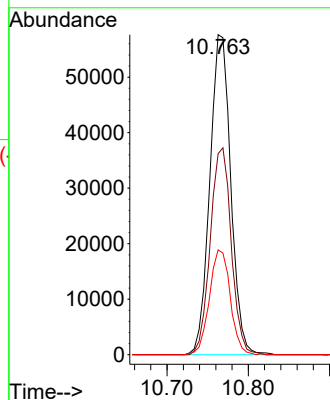
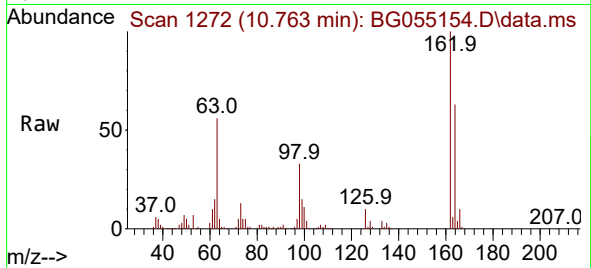
Tgt Ion:162 Resp: 103256

Ion Ratio Lower Upper

162 100

164 62.8 43.6 83.6

98 32.8 12.3 52.3



#30

1,2,4-Trichlorobenzene

Concen: 39.125 ng

RT: 10.992 min Scan# 1311

Delta R.T. 0.002 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

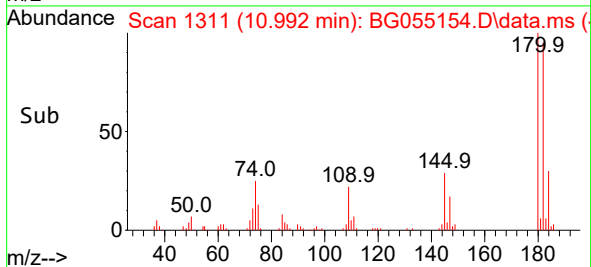
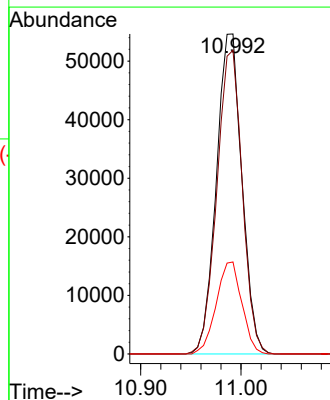
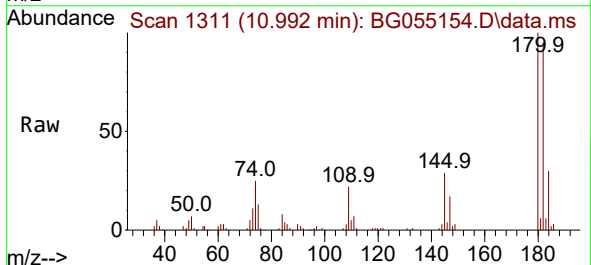
Tgt Ion:180 Resp: 96507

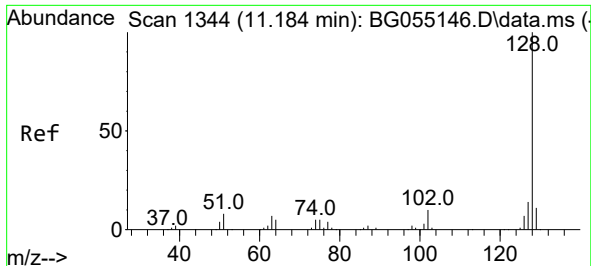
Ion Ratio Lower Upper

180 100

182 94.9 77.2 115.8

145 28.8 22.8 34.2

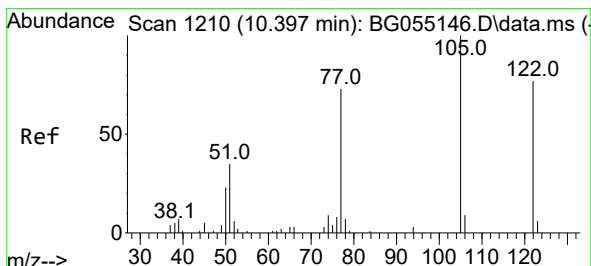
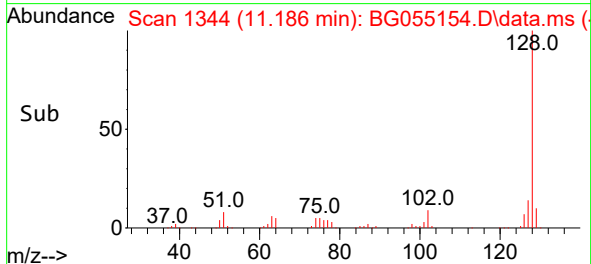
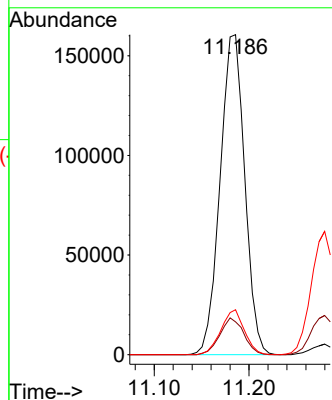
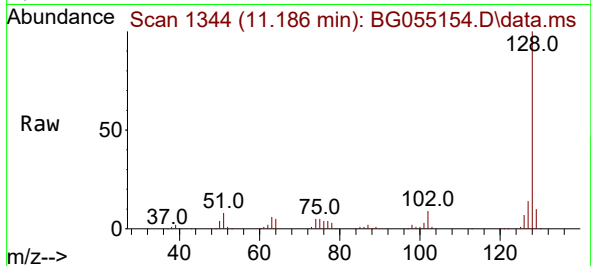




#31
Naphthalene
Concen: 40.038 ng
RT: 11.186 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

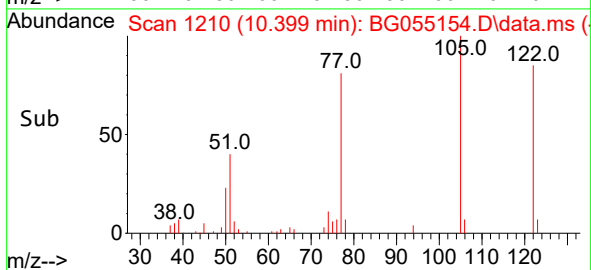
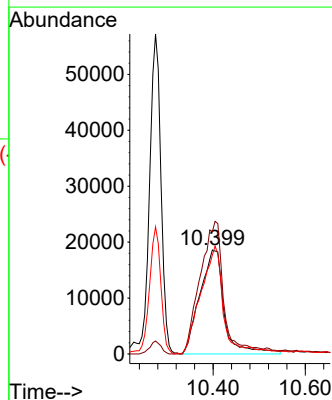
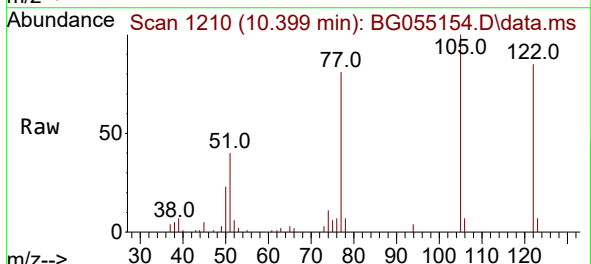
Instrument :
BNA_G
ClientSampleId :
PB148287BS

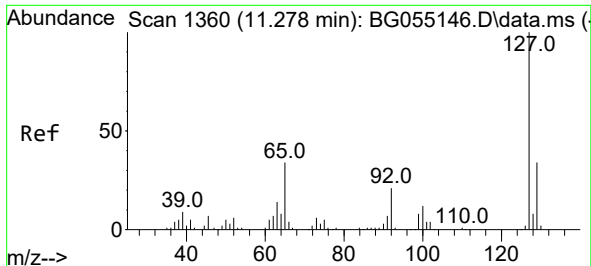
Tgt Ion:128 Resp: 289803
Ion Ratio Lower Upper
128 100
129 10.3 8.6 13.0
127 14.1 11.1 16.7



#32
Benzoic acid
Concen: 41.963 ng
RT: 10.399 min Scan# 1210
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:122 Resp: 68262
Ion Ratio Lower Upper
122 100
105 117.5 107.2 147.2
77 95.0 74.2 114.2

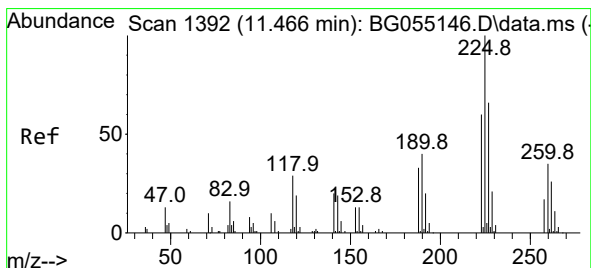
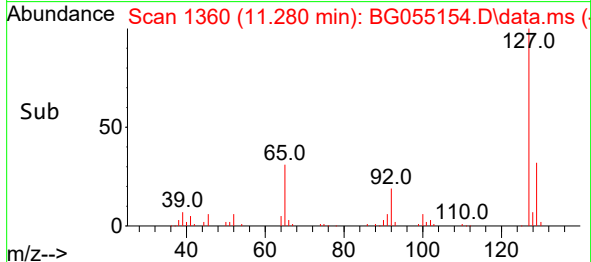
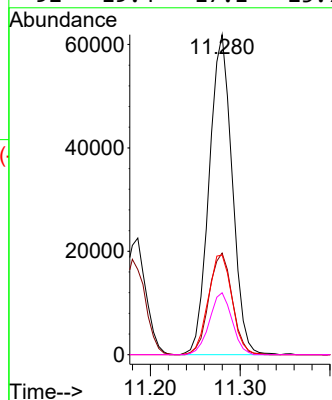
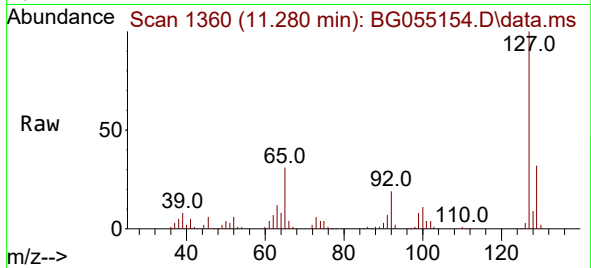




#33
4-Chloroaniline
Concen: 35.387 ng
RT: 11.280 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

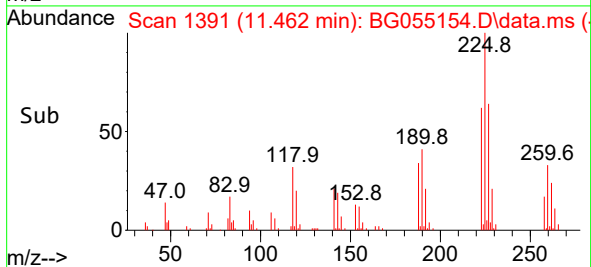
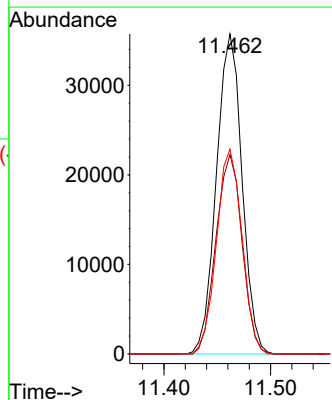
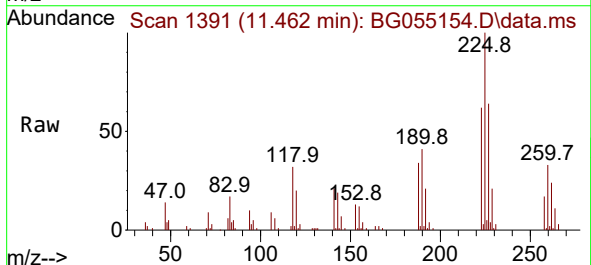
Instrument :
BNA_G
ClientSampleId :
PB148287BS

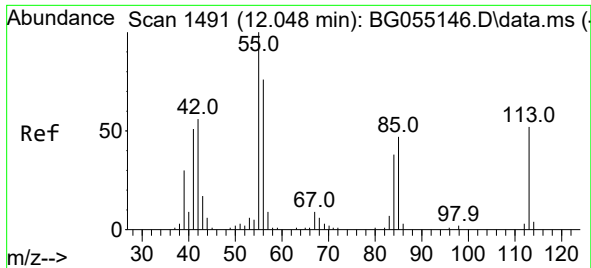
Tgt Ion:	127	Resp:	110097
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.0	40.4
65	31.2	27.4	41.2
92	19.4	17.1	25.7



#34
Hexachlorobutadiene
Concen: 37.925 ng
RT: 11.462 min Scan# 1391
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:	225	Resp:	59649
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.2	72.4
227	64.0	52.5	78.7

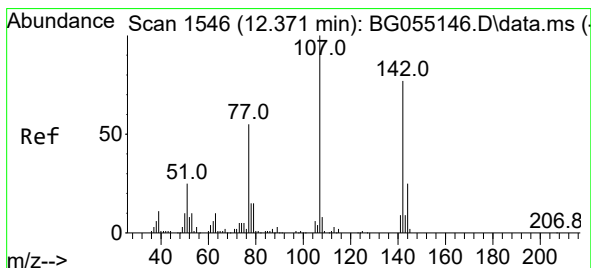
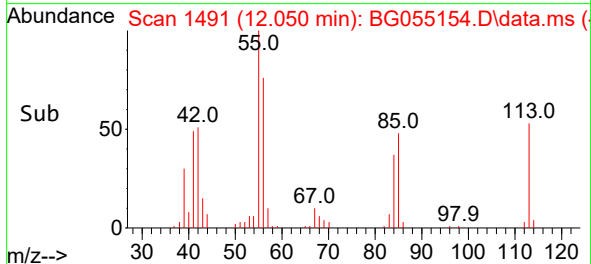
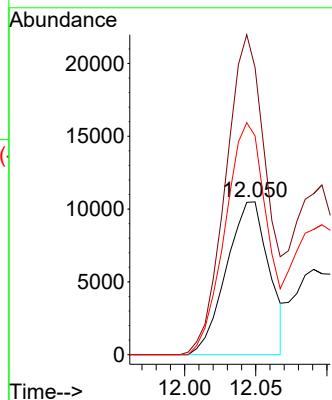
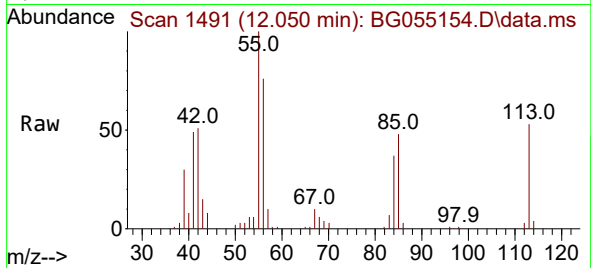




#35
 Caprolactam
 Concen: 23.258 ng
 RT: 12.050 min Scan# 1491
 Delta R.T. 0.002 min
 Lab File: BG055154.D
 Acq: 13 Oct 2022 2:05

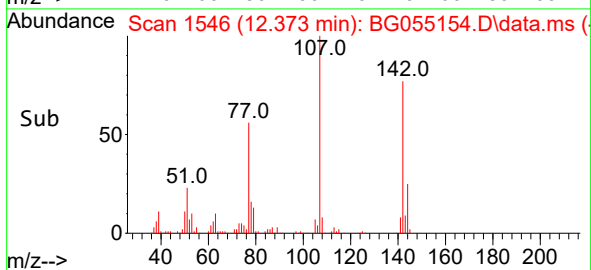
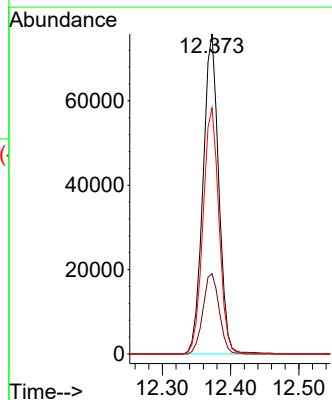
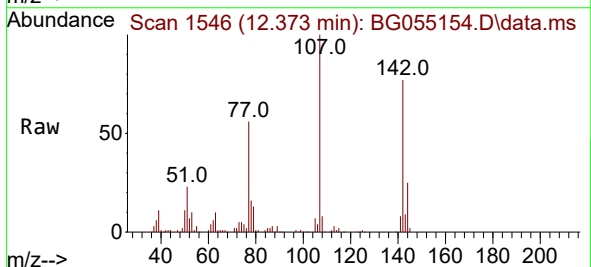
Instrument :
 BNA_G
 ClientSampleId :
 PB148287BS

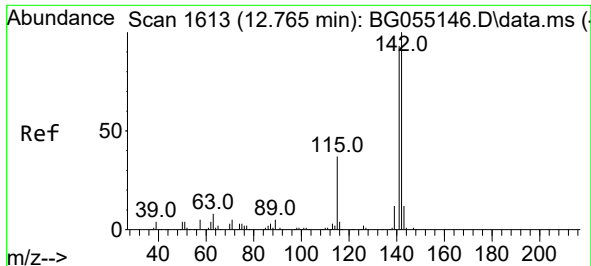
Tgt Ion:113 Resp: 21848
 Ion Ratio Lower Upper
 113 100
 55 187.8 172.1 212.1
 56 143.1 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 47.110 ng
 RT: 12.373 min Scan# 1546
 Delta R.T. 0.002 min
 Lab File: BG055154.D
 Acq: 13 Oct 2022 2:05

Tgt Ion:107 Resp: 121482
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.8 29.8
 142 76.9 61.9 92.9





#37

2-Methylnaphthalene

Concen: 41.412 ng

RT: 12.766 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

Instrument :

BNA_G

ClientSampleId :

PB148287BS

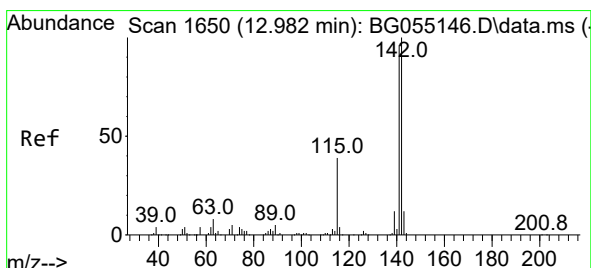
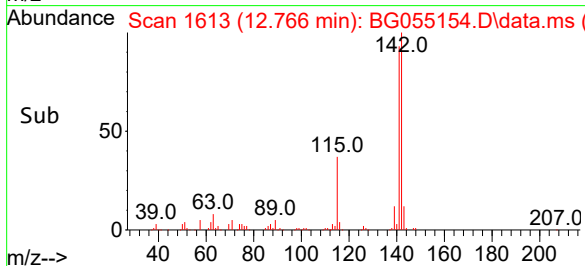
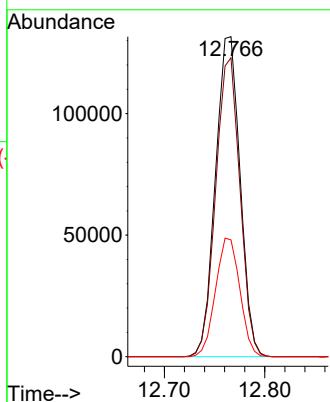
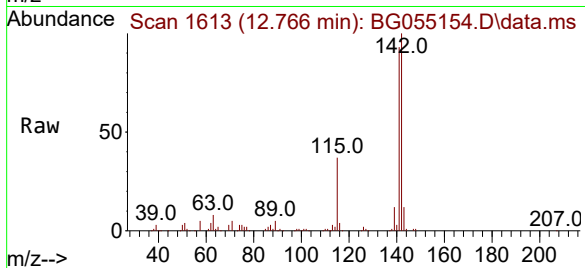
Tgt Ion:142 Resp: 224462

Ion Ratio Lower Upper

142 100

141 93.4 74.8 112.2

115 36.5 29.8 44.6



#38

1-Methylnaphthalene

Concen: 41.125 ng

RT: 12.978 min Scan# 1649

Delta R.T. -0.004 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

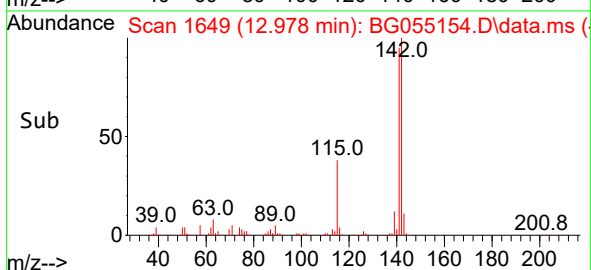
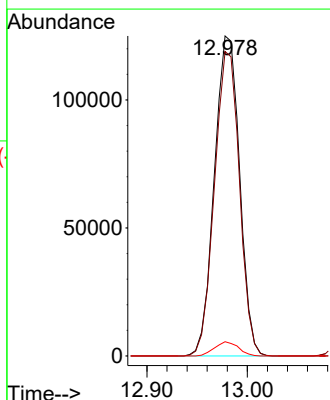
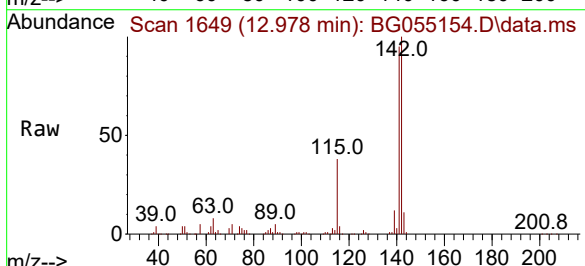
Tgt Ion:142 Resp: 217480

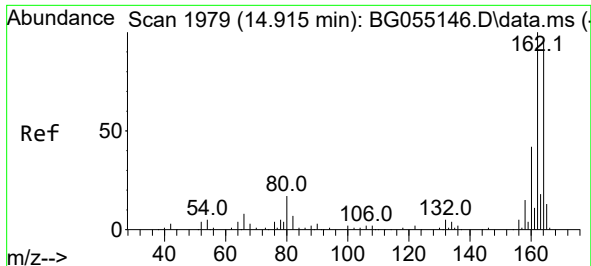
Ion Ratio Lower Upper

142 100

141 95.2 76.9 115.3

116 4.4 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.911 min Scan# 1979
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

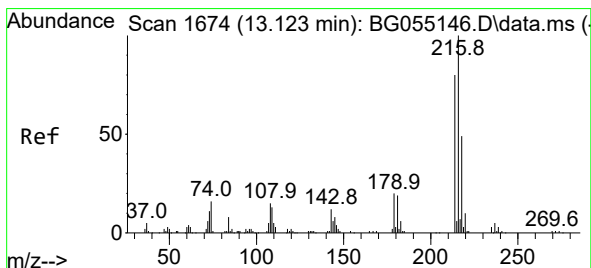
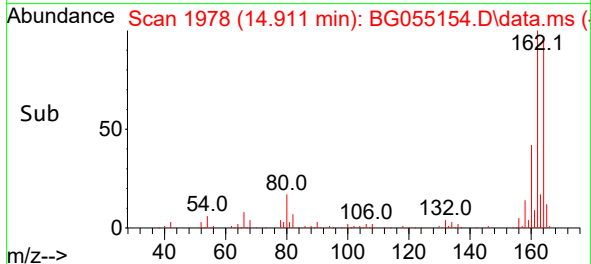
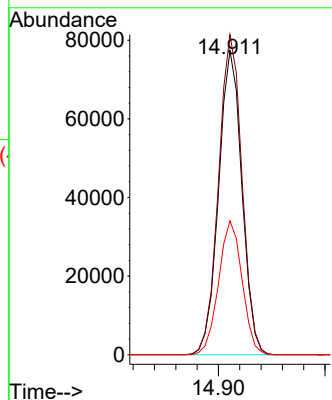
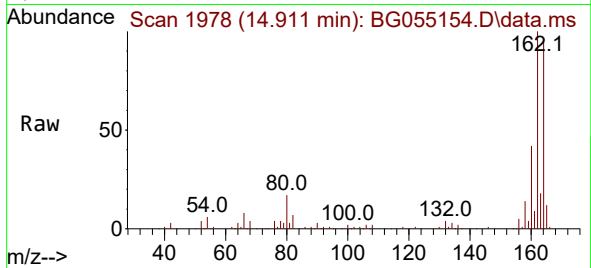
Instrument :

BNA_G

ClientSampleId :

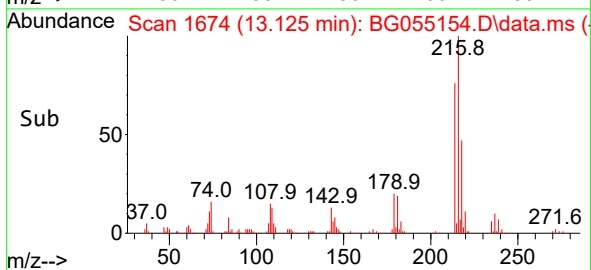
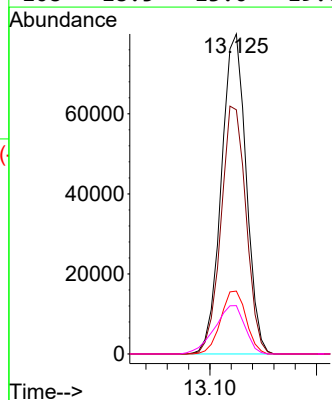
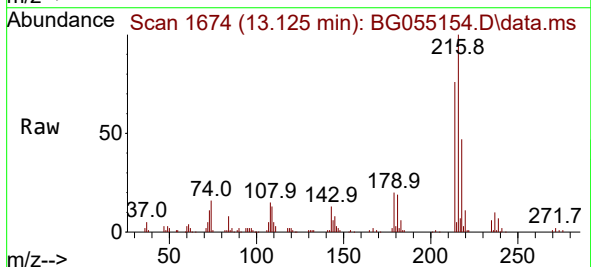
PB148287BS

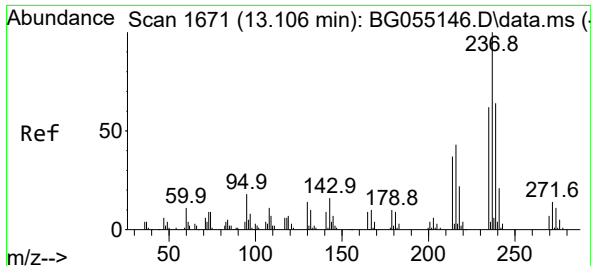
Tgt Ion:164 Resp: 116896
Ion Ratio Lower Upper
164 100
162 105.2 83.3 124.9
160 44.0 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.105 ng
RT: 13.125 min Scan# 1674
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:216 Resp: 128930
Ion Ratio Lower Upper
216 100
214 78.1 63.1 94.7
179 20.1 16.1 24.1
108 18.5 13.0 19.6

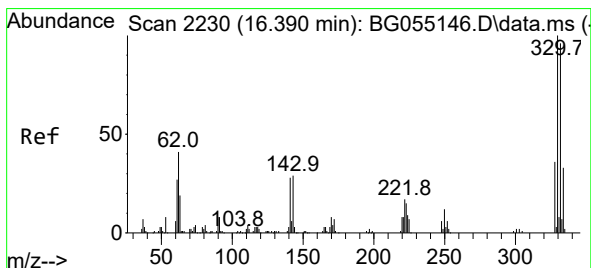
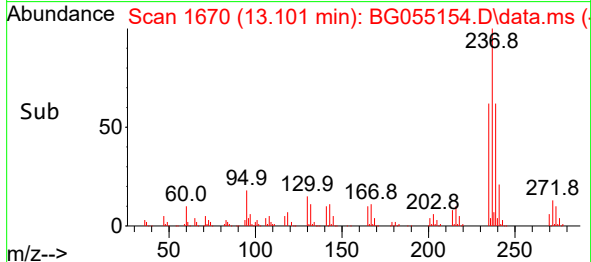
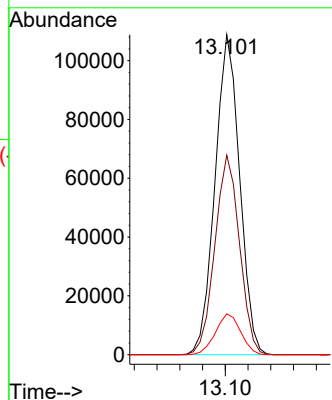
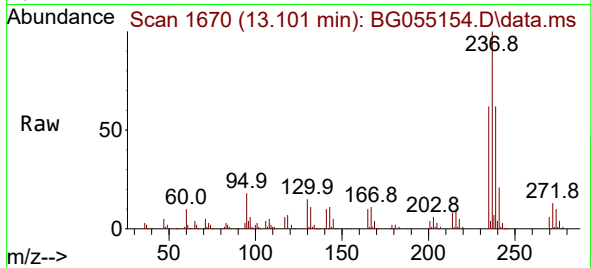




#41
Hexachlorocyclopentadiene
Concen: 99.435 ng
RT: 13.101 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

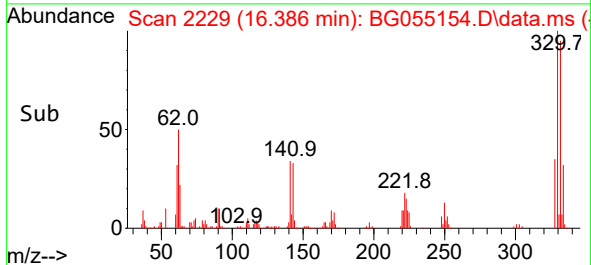
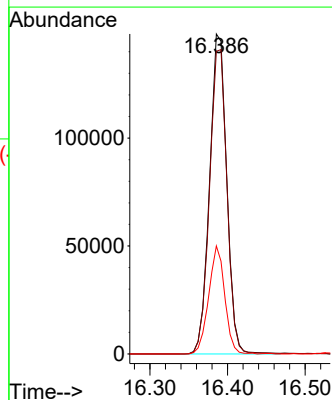
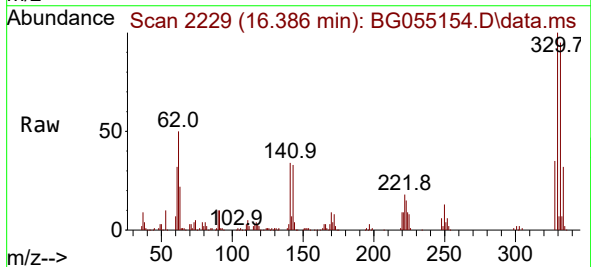
Instrument :
BNA_G
ClientSampleId :
PB148287BS

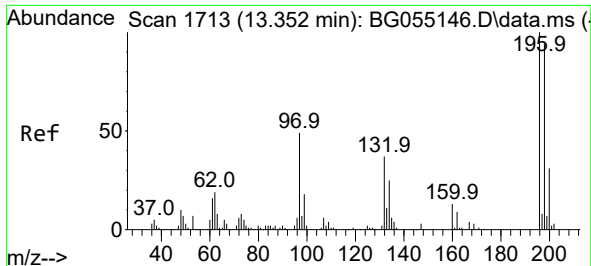
Tgt Ion:237 Resp: 163813
Ion Ratio Lower Upper
237 100
235 62.3 41.8 81.8
272 12.7 0.0 34.3



#42
2,4,6-Tribromophenol
Concen: 135.495 ng
RT: 16.386 min Scan# 2229
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:330 Resp: 227586
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 31.6 24.6 36.8

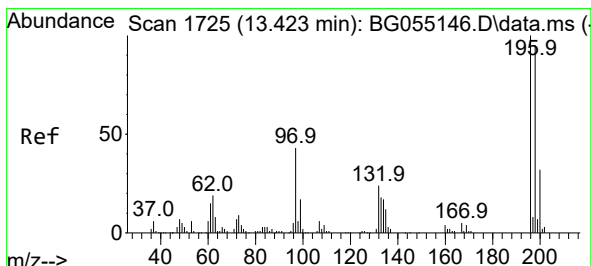
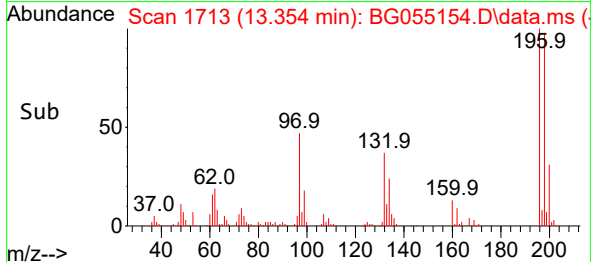
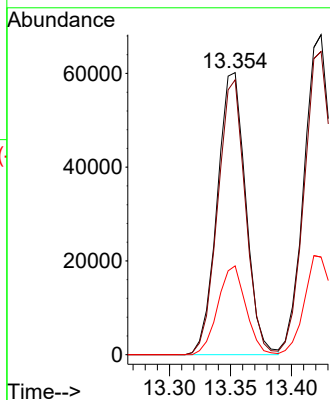
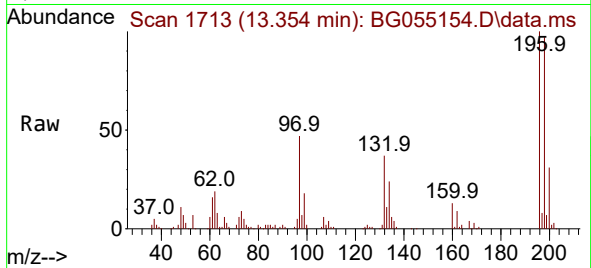




#43
 2,4,6-Trichlorophenol
 Concen: 40.933 ng
 RT: 13.354 min Scan# 1713
 Delta R.T. 0.002 min
 Lab File: BG055154.D
 Acq: 13 Oct 2022 2:05

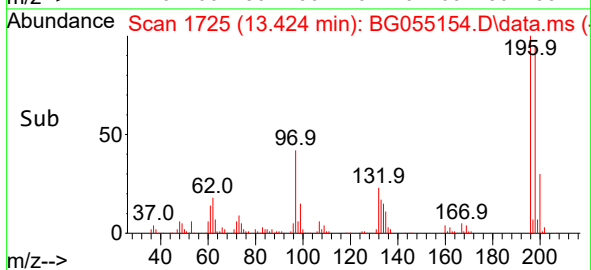
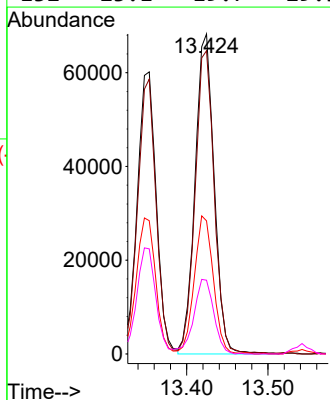
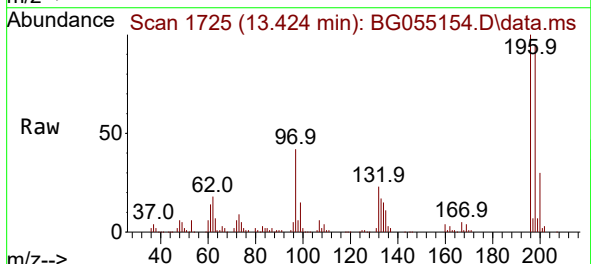
Instrument :
 BNA_G
 ClientSampleId :
 PB148287BS

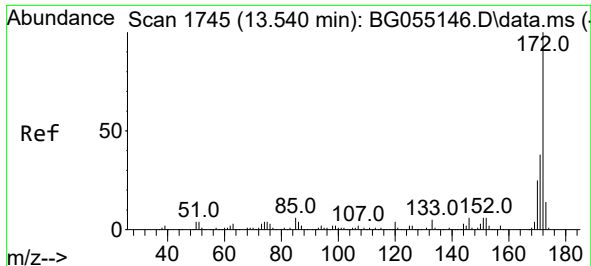
Tgt Ion:196 Resp: 98092
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.0 112.6
 200 31.5 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 42.065 ng
 RT: 13.424 min Scan# 1725
 Delta R.T. 0.002 min
 Lab File: BG055154.D
 Acq: 13 Oct 2022 2:05

Tgt Ion:196 Resp: 111857
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.0 114.0
 97 41.6 34.7 52.1
 132 23.1 19.7 29.5

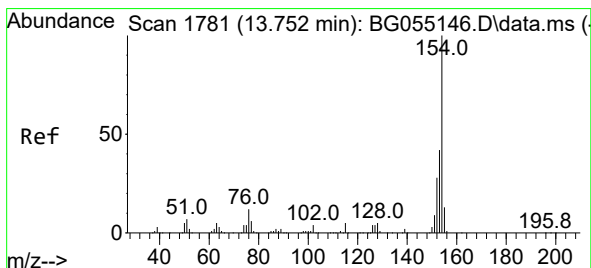
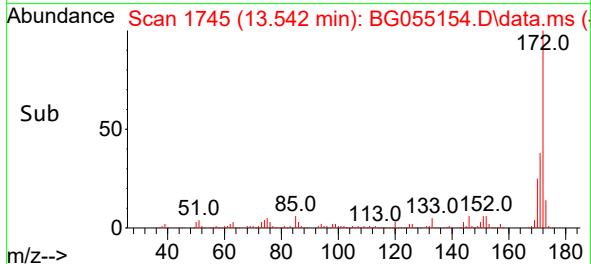
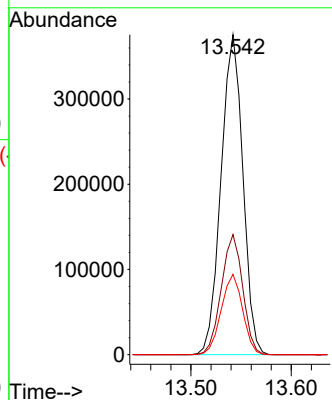
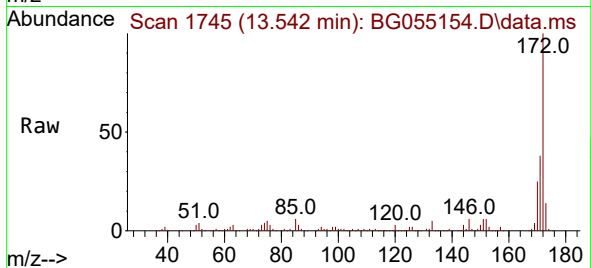




#45
2-Fluorobiphenyl
Concen: 79.179 ng
RT: 13.542 min Scan# 1745
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

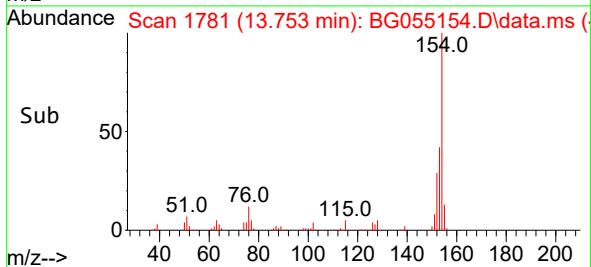
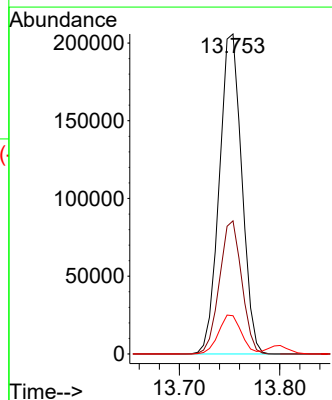
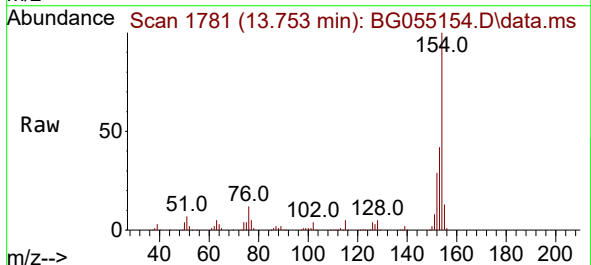
Instrument :
BNA_G
ClientSampleId :
PB148287BS

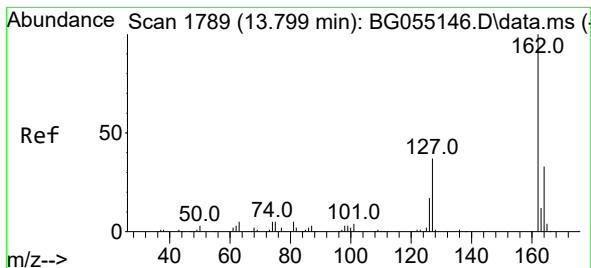
Tgt Ion:172 Resp: 566597
Ion Ratio Lower Upper
172 100
171 37.6 30.1 45.1
170 25.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 41.186 ng
RT: 13.753 min Scan# 1781
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:154 Resp: 319642
Ion Ratio Lower Upper
154 100
153 41.6 22.0 62.0
76 11.9 0.0 32.1

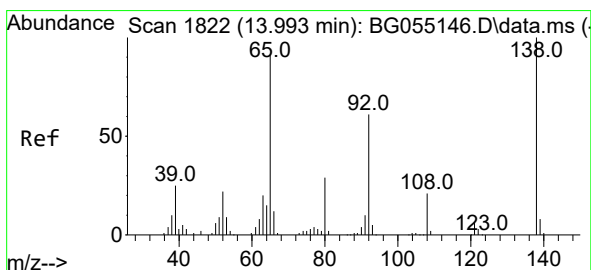
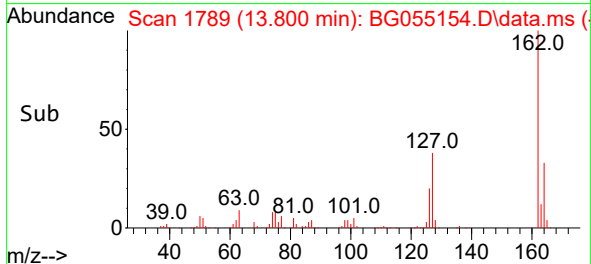
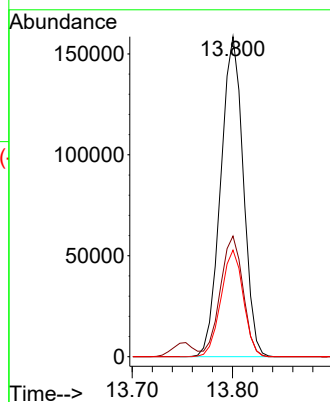
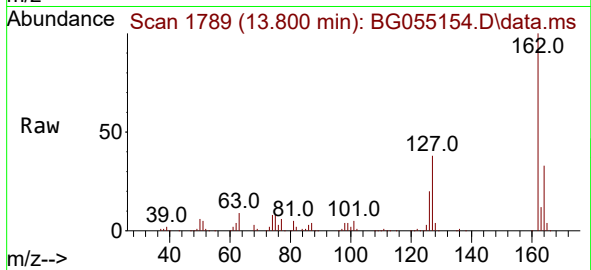




#47
2-Chloronaphthalene
Concen: 39.435 ng
RT: 13.800 min Scan# 1789
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

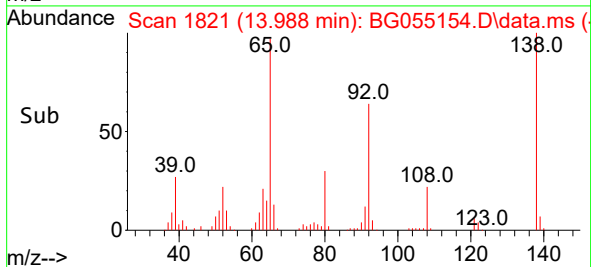
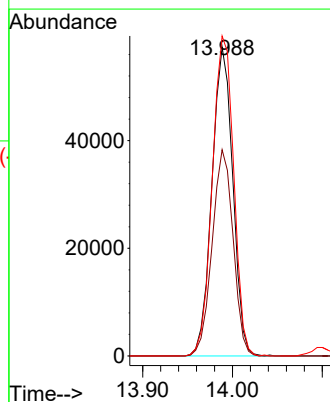
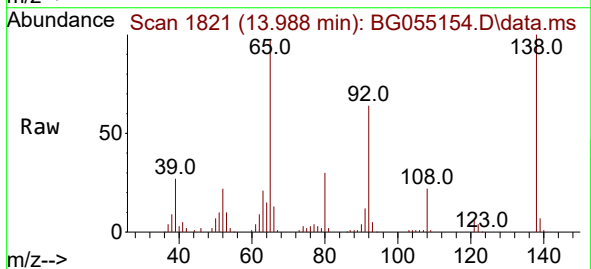
Instrument :
BNA_G
ClientSampleId :
PB148287BS

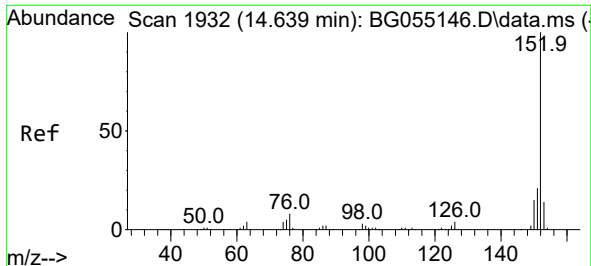
Tgt Ion:162 Resp: 247563
Ion Ratio Lower Upper
162 100
127 37.7 31.0 46.4
164 33.3 26.6 39.8



#48
2-Nitroaniline
Concen: 41.315 ng
RT: 13.988 min Scan# 1821
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion: 65 Resp: 92532
Ion Ratio Lower Upper
65 100
92 66.8 53.0 79.4
138 103.6 87.5 131.3

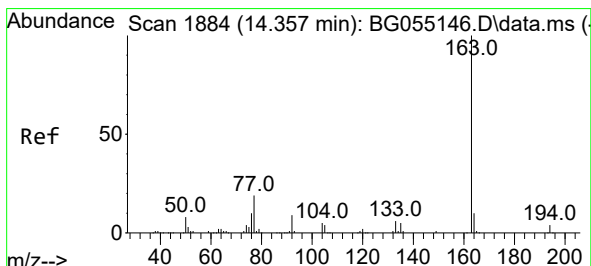
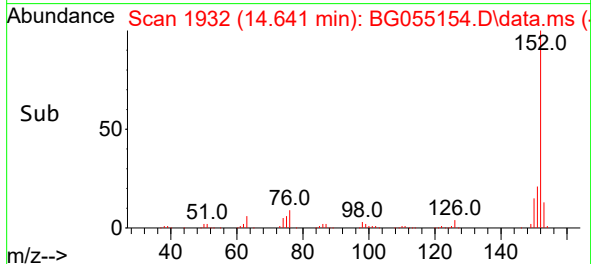
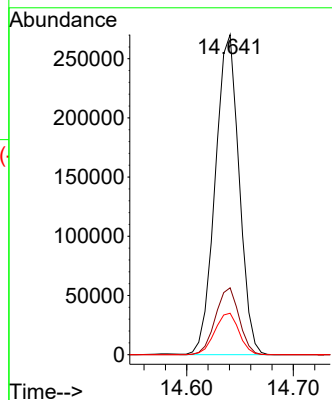
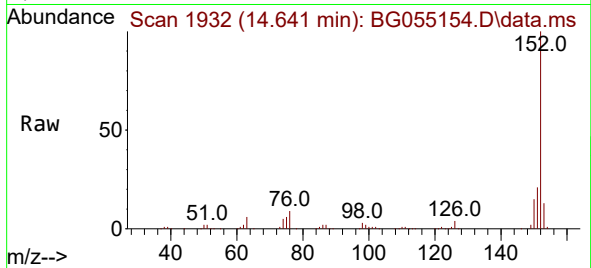




#49
Acenaphthylene
Concen: 39.853 ng
RT: 14.641 min Scan# 1932
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

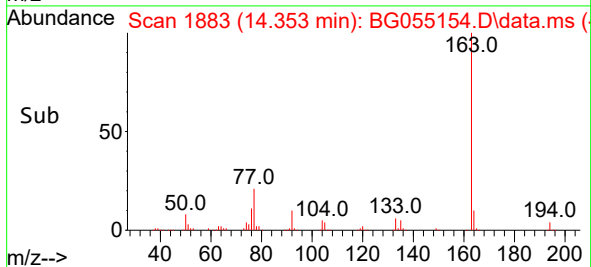
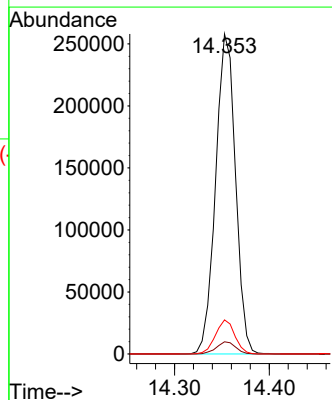
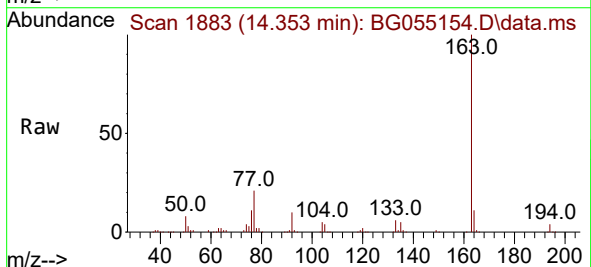
Instrument :
BNA_G
ClientSampleId :
PB148287BS

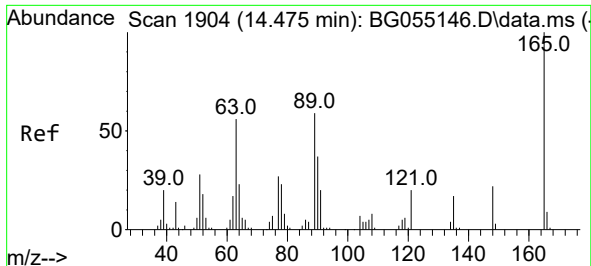
Tgt Ion:152 Resp: 419996
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 13.0 10.8 16.2



#50
Dimethylphthalate
Concen: 39.996 ng
RT: 14.353 min Scan# 1883
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:163 Resp: 375825
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.6 8.1 12.1

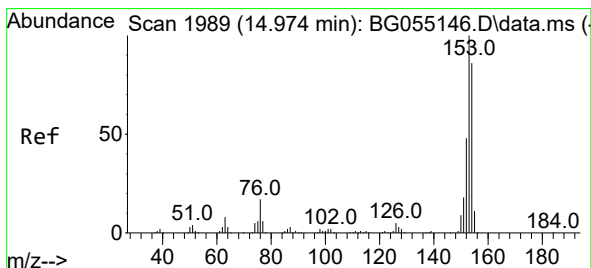
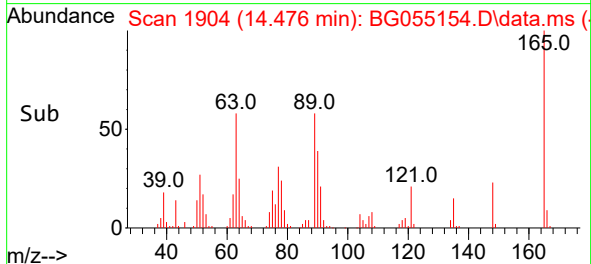
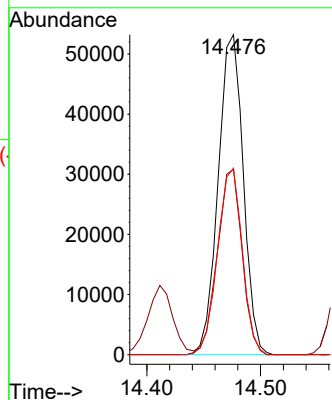
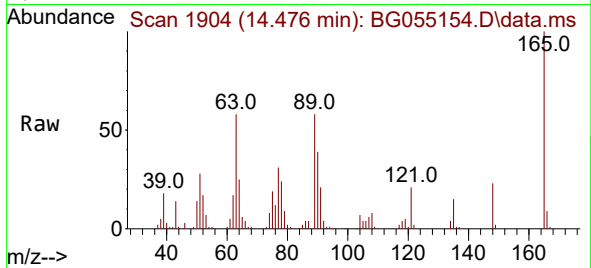




#51
2,6-Dinitrotoluene
Concen: 42.164 ng
RT: 14.476 min Scan# 1904
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

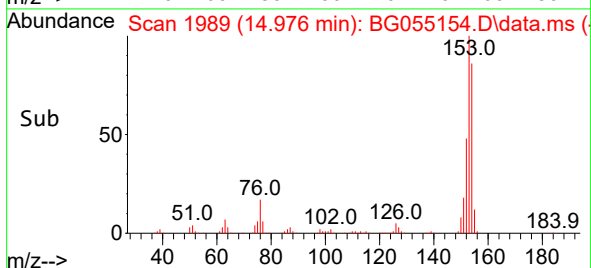
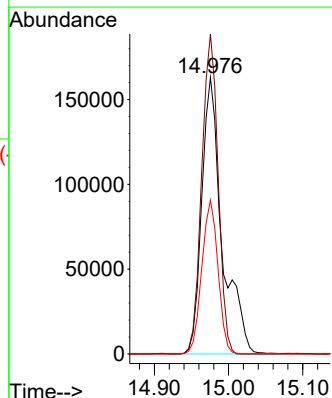
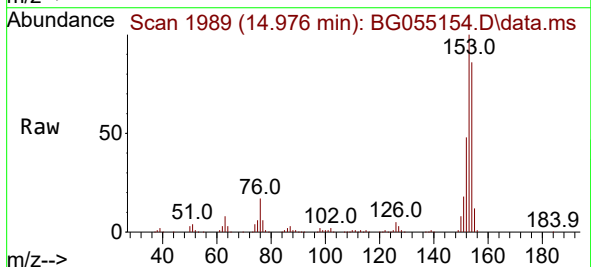
Instrument :
BNA_G
ClientSampleId :
PB148287BS

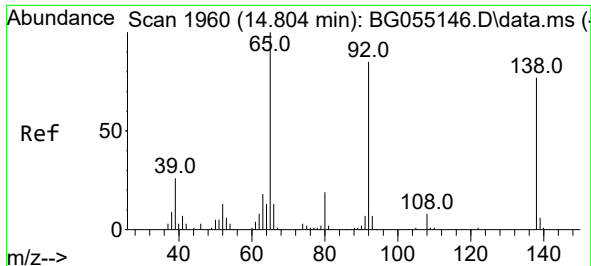
Tgt Ion:165 Resp: 81531
Ion Ratio Lower Upper
165 100
63 58.0 46.6 70.0
89 58.2 47.6 71.4



#52
Acenaphthene
Concen: 45.763 ng
RT: 14.976 min Scan# 1989
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:154 Resp: 311984
Ion Ratio Lower Upper
154 100
153 115.7 93.0 139.4
152 55.7 44.6 66.8

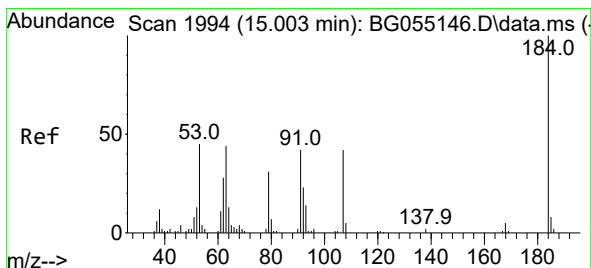
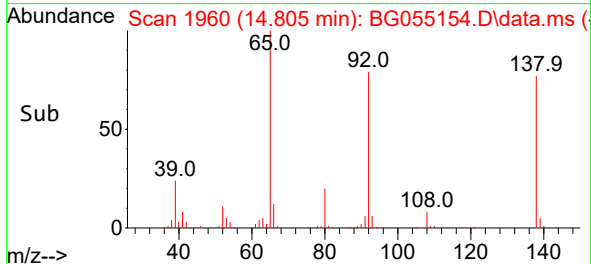
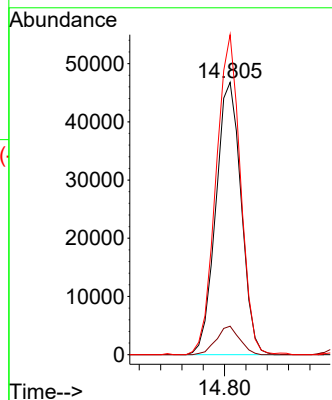
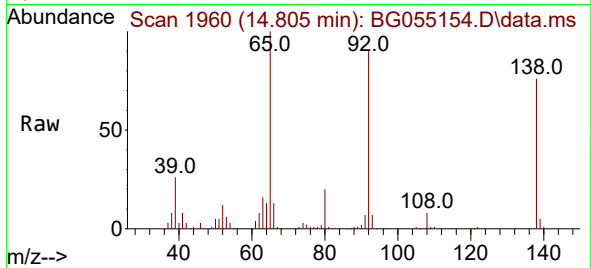




#53
3-Nitroaniline
Concen: 34.335 ng
RT: 14.805 min Scan# 1960
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

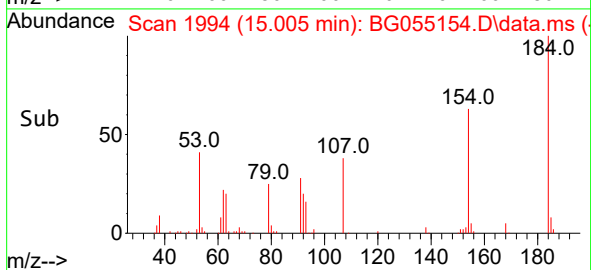
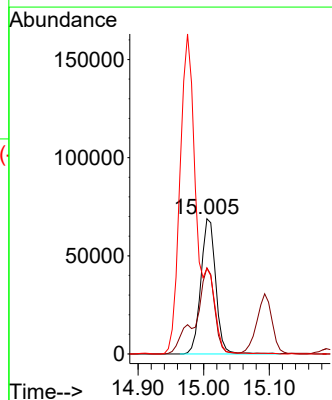
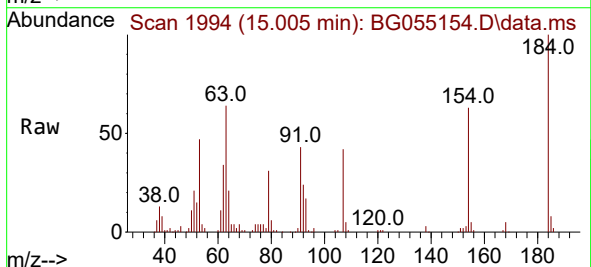
Instrument :
BNA_G
ClientSampleId :
PB148287BS

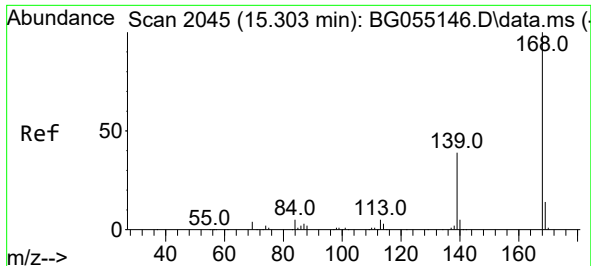
Tgt Ion:138 Resp: 76975
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 117.5 88.5 132.7



#54
2,4-Dinitrophenol
Concen: 92.598 ng
RT: 15.005 min Scan# 1994
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:184 Resp: 108921
Ion Ratio Lower Upper
184 100
63 63.7 52.6 78.8
154 63.4 59.1 88.7

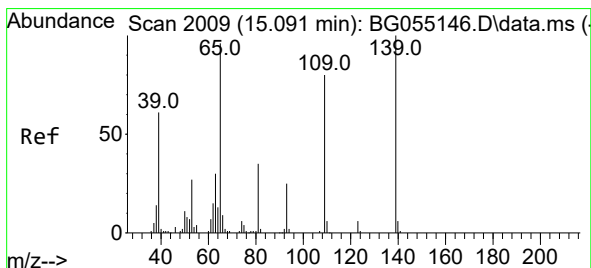
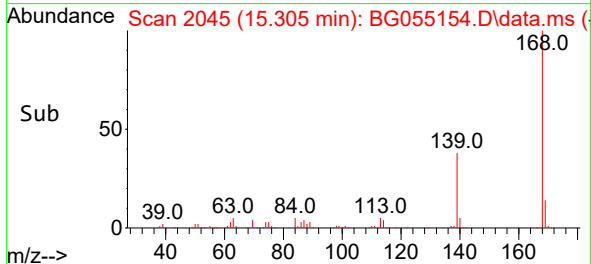
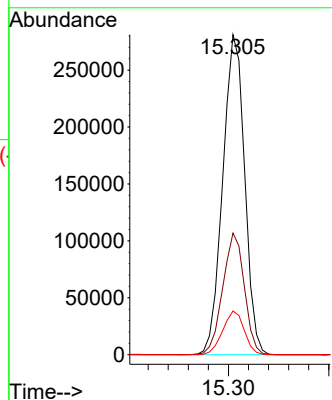
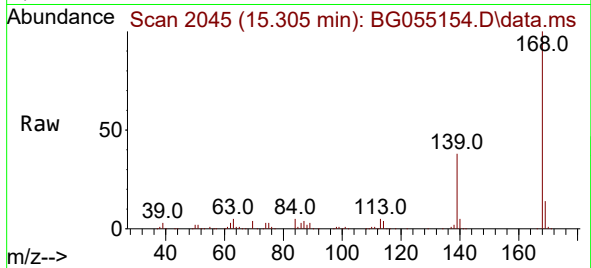




#55
Dibenzofuran
Concen: 40.012 ng
RT: 15.305 min Scan# 2045
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

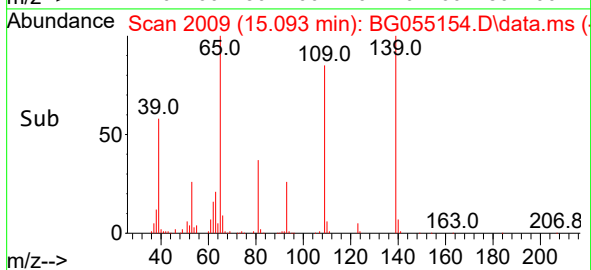
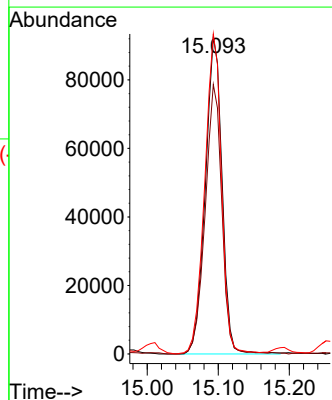
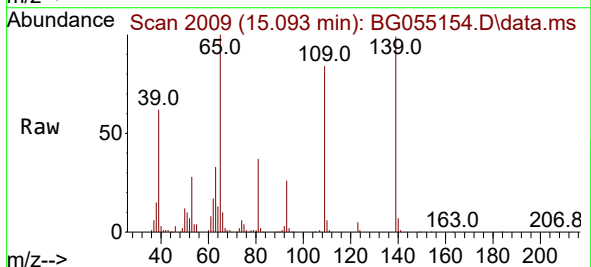
Instrument :
BNA_G
ClientSampleId :
PB148287BS

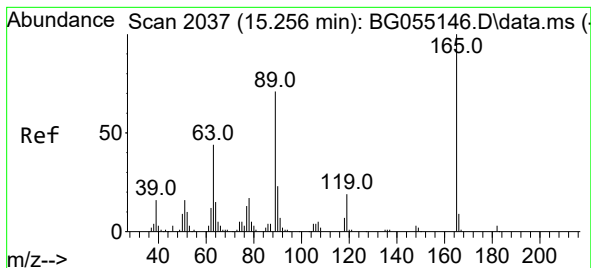
Tgt Ion:168 Resp: 425592
Ion Ratio Lower Upper
168 100
139 38.0 30.9 46.3
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 86.787 ng
RT: 15.093 min Scan# 2009
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:139 Resp: 151510
Ion Ratio Lower Upper
139 100
109 85.0 60.1 100.1
65 100.9 76.1 116.1

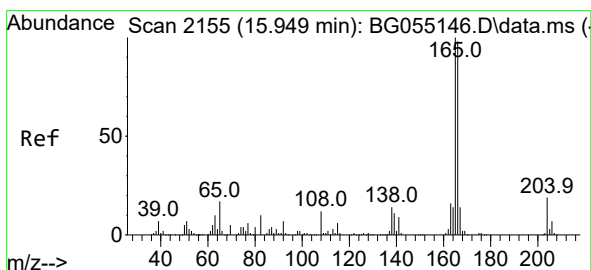
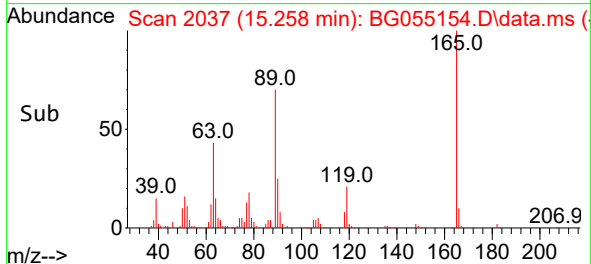
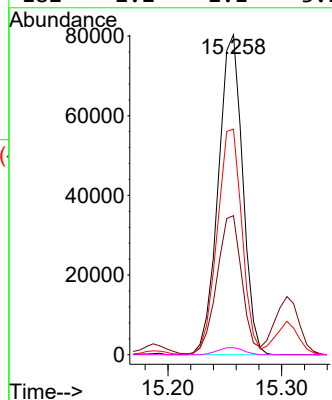
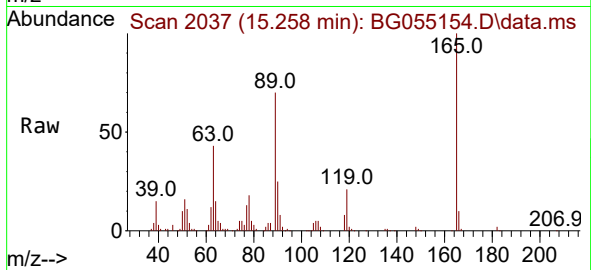




#57
2,4-Dinitrotoluene
Concen: 42.203 ng
RT: 15.258 min Scan# 2037
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

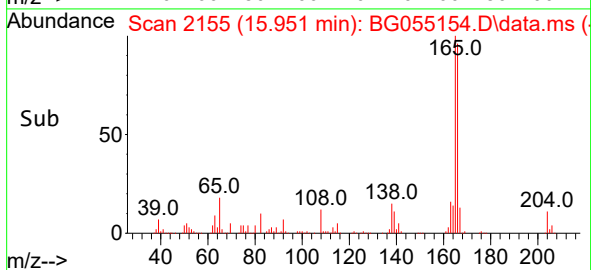
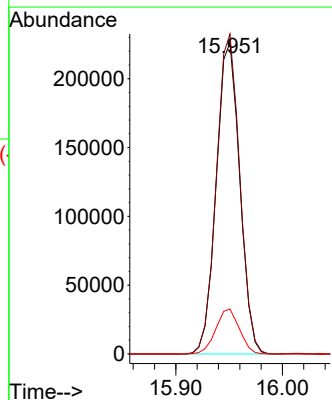
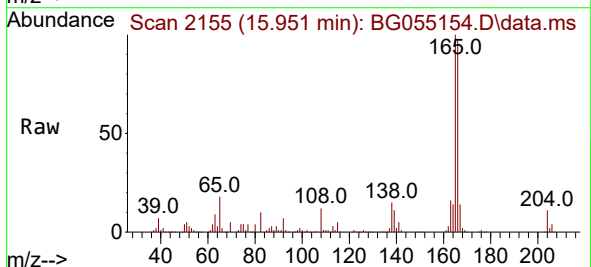
Instrument :
BNA_G
ClientSampleId :
PB148287BS

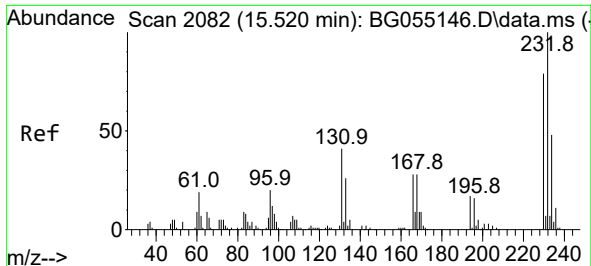
Tgt Ion:165 Resp: 119526
Ion Ratio Lower Upper
165 100
63 43.5 35.6 53.4
89 70.5 56.4 84.6
182 2.2 2.1 3.1



#58
Fluorene
Concen: 39.577 ng
RT: 15.951 min Scan# 2155
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:166 Resp: 345645
Ion Ratio Lower Upper
166 100
165 102.7 81.6 122.4
167 14.5 11.2 16.8

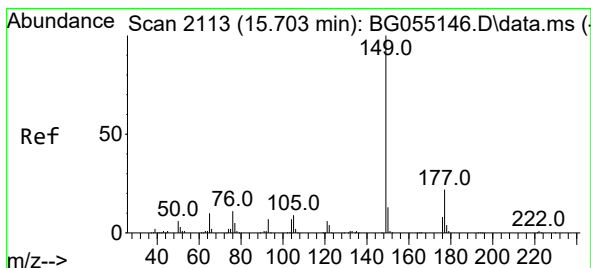
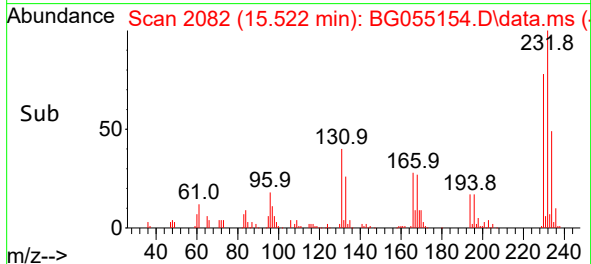
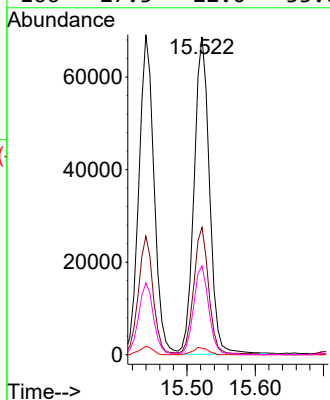
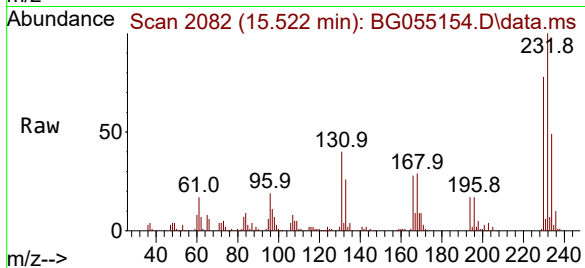




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.875 ng
RT: 15.522 min Scan# 2082
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

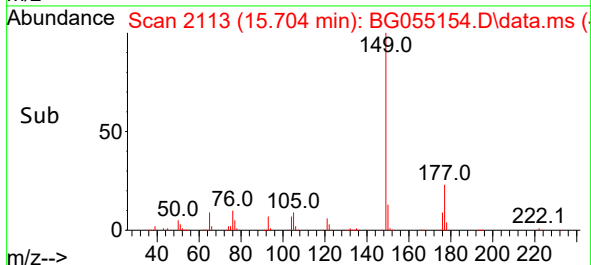
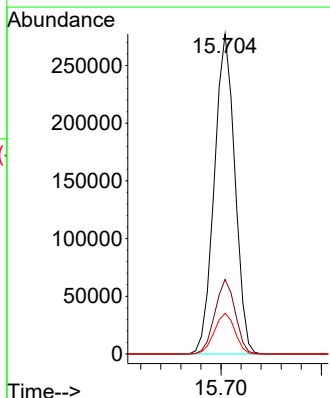
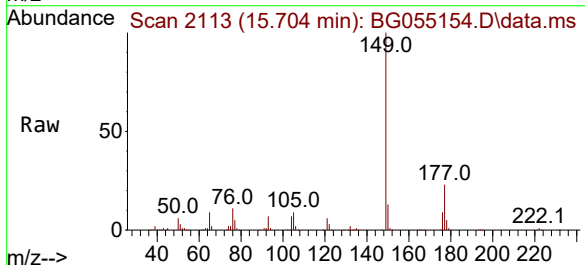
Instrument :
BNA_G
ClientSampleId :
PB148287BS

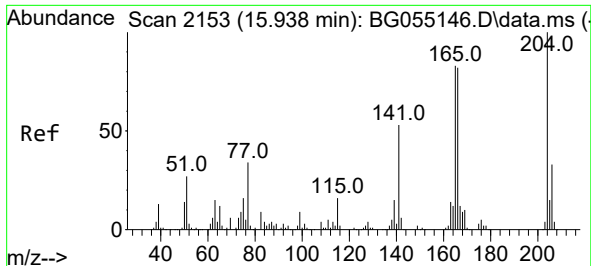
Tgt Ion:232 Resp: 107260
Ion Ratio Lower Upper
232 100
131 39.6 31.8 47.6
130 2.2 1.8 2.6
166 27.5 22.0 33.0



#60
Diethylphthalate
Concen: 39.778 ng
RT: 15.704 min Scan# 2113
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:149 Resp: 393701
Ion Ratio Lower Upper
149 100
177 23.3 17.9 26.9
150 12.7 10.1 15.1

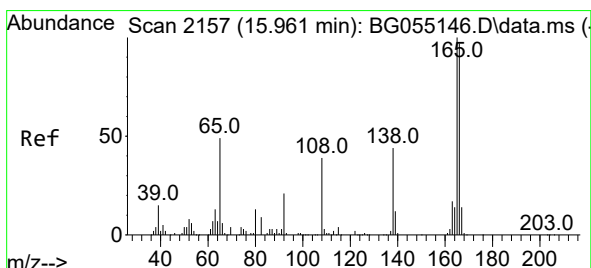
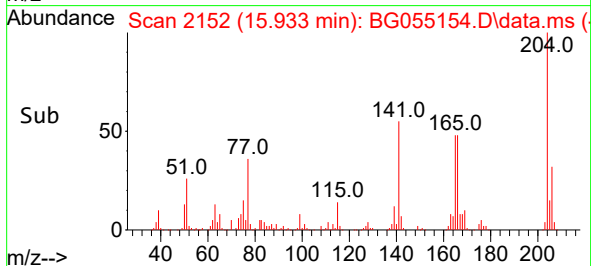
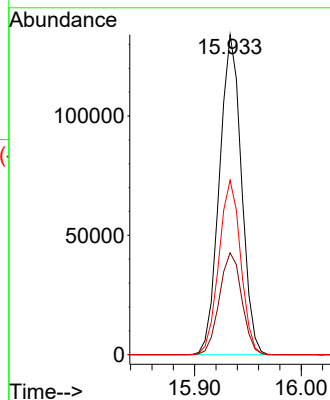
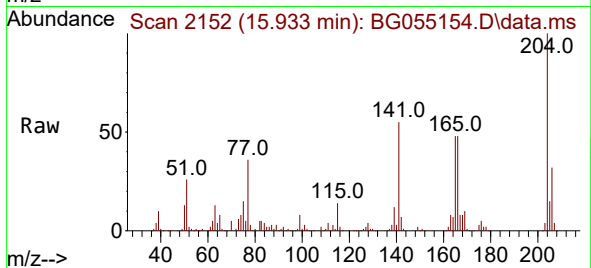




#61
4-Chlorophenyl-phenylether
Concen: 41.019 ng
RT: 15.933 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

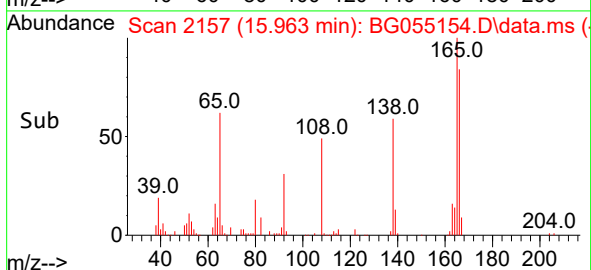
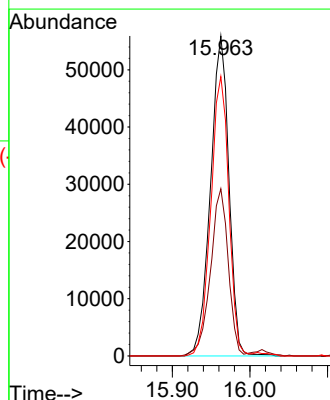
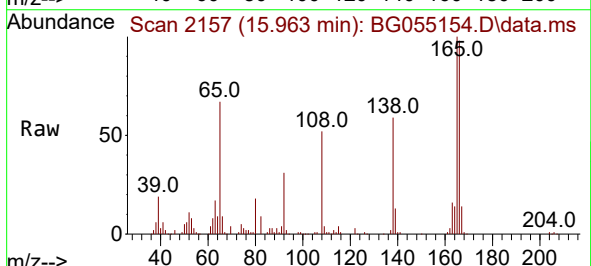
Instrument :
BNA_G
ClientSampleId :
PB148287BS

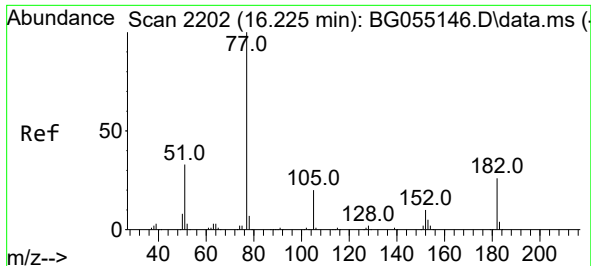
Tgt Ion:204 Resp: 191820
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 54.6 42.6 64.0



#62
4-Nitroaniline
Concen: 38.245 ng
RT: 15.963 min Scan# 2157
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:138 Resp: 92568
Ion Ratio Lower Upper
138 100
92 52.3 28.0 68.0
108 87.3 68.6 108.6

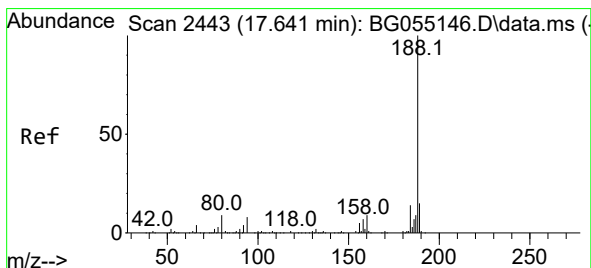
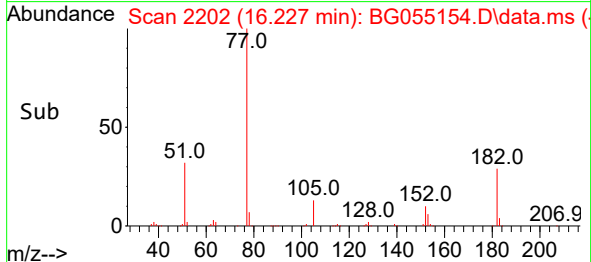
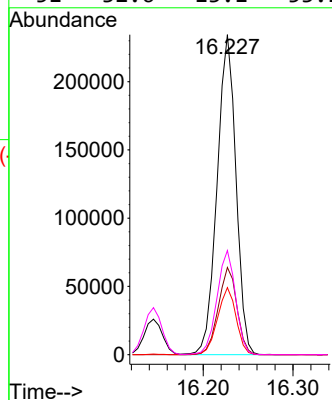
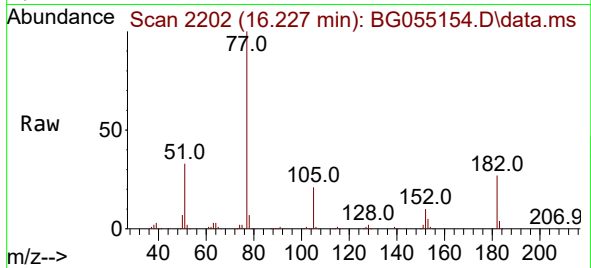




#63
Azobenzene
Concen: 40.625 ng
RT: 16.227 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

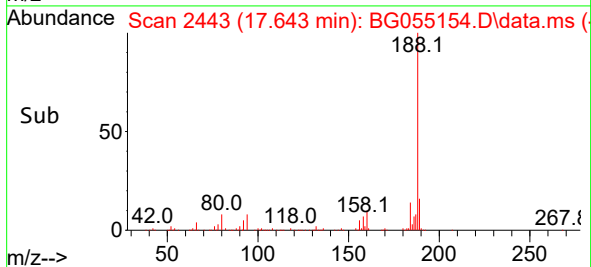
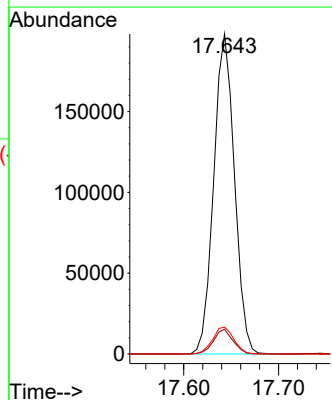
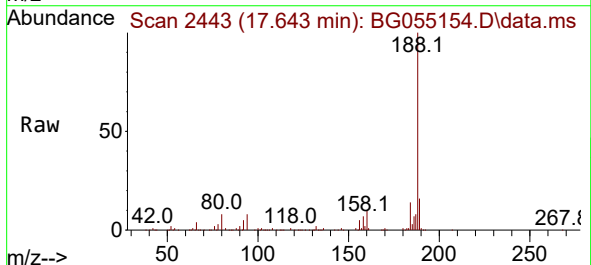
Instrument :
BNA_G
ClientSampleId :
PB148287BS

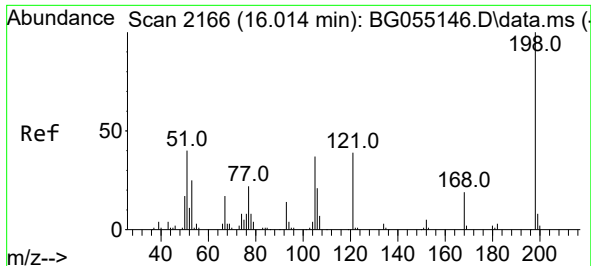
Tgt Ion: 77	Resp: 341353
Ion Ratio	Lower Upper
77 100	
182 27.2	6.0 46.0
105 20.9	0.0 40.0
51 32.6	13.1 53.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.643 min Scan# 2443
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:188	Resp: 300236
Ion Ratio	Lower Upper
188 100	
94 7.8	6.2 9.2
80 8.4	7.0 10.6

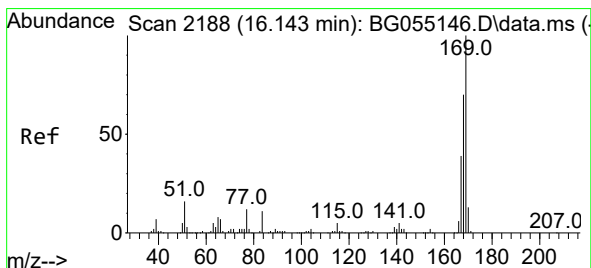
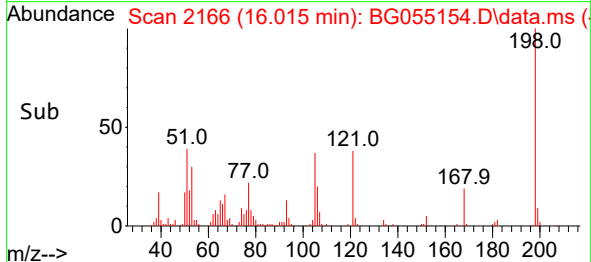
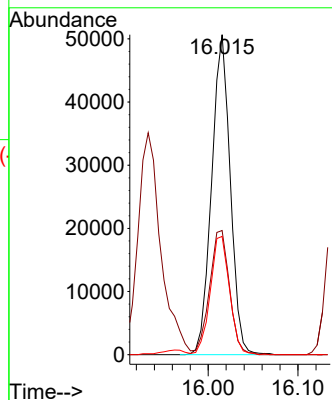
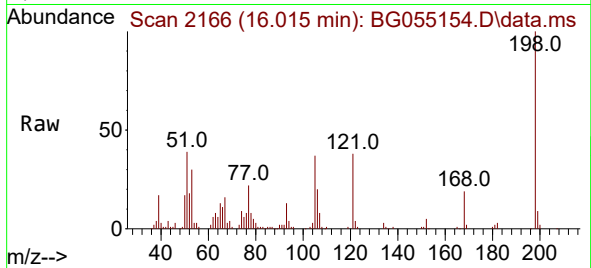




#65
4,6-Dinitro-2-methylphenol
Concen: 41.362 ng
RT: 16.015 min Scan# 2166
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

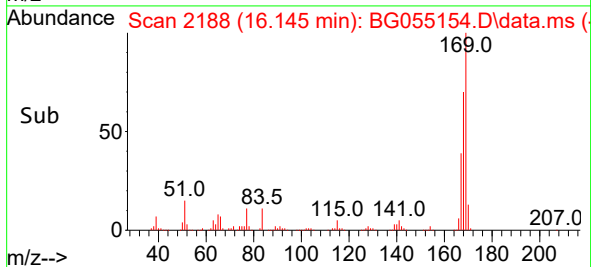
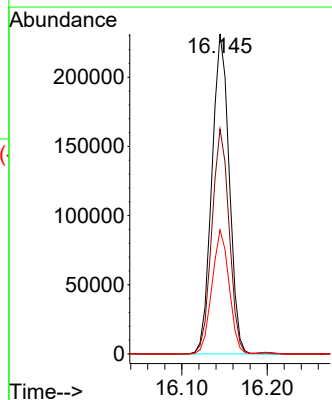
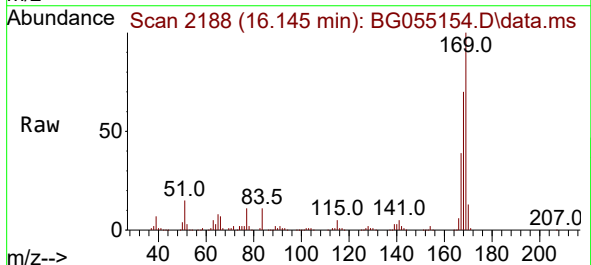
Instrument :
BNA_G
ClientSampleId :
PB148287BS

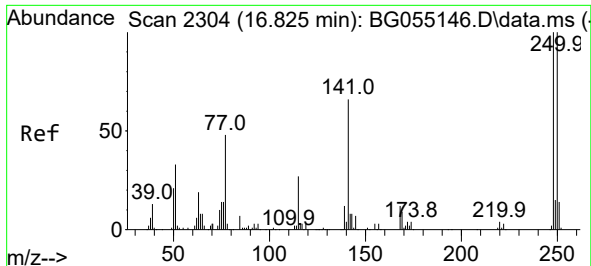
Tgt Ion:198 Resp: 72993
Ion Ratio Lower Upper
198 100
51 38.8 23.7 63.7
105 36.9 17.5 57.5



#66
n-Nitrosodiphenylamine
Concen: 41.318 ng
RT: 16.145 min Scan# 2188
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:169 Resp: 327265
Ion Ratio Lower Upper
169 100
168 70.3 56.3 84.5
167 38.8 31.0 46.4

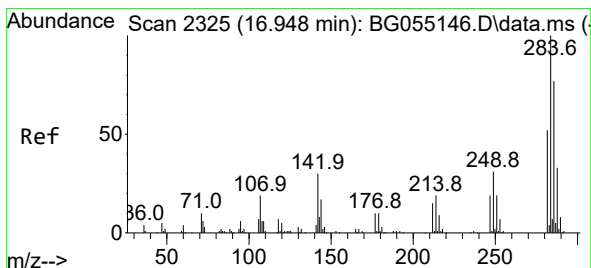
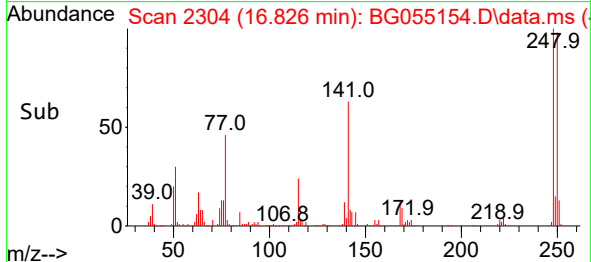
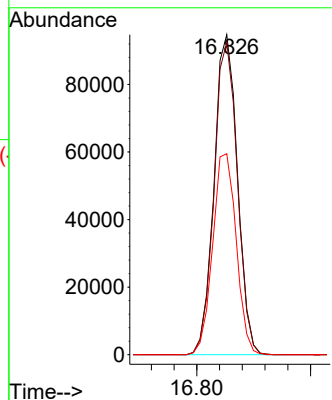
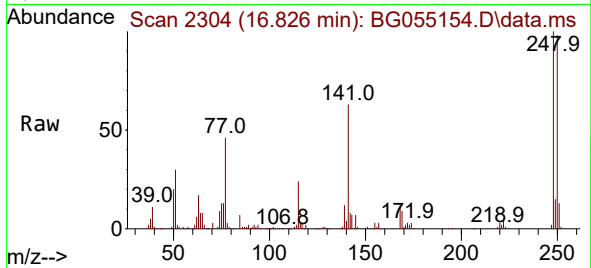




#67
4-Bromophenyl-phenylether
Concen: 41.322 ng
RT: 16.826 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

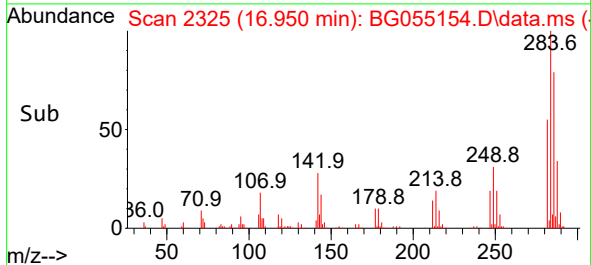
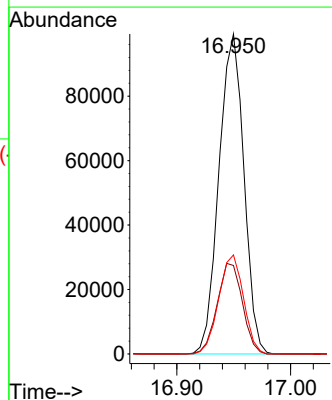
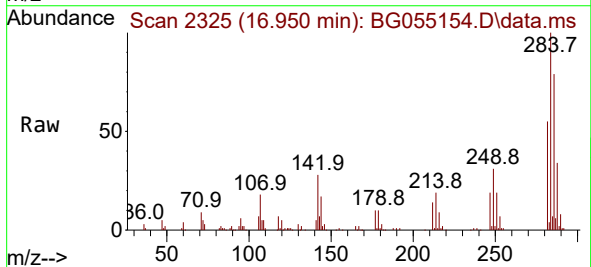
Instrument :
BNA_G
ClientSampleId :
PB148287BS

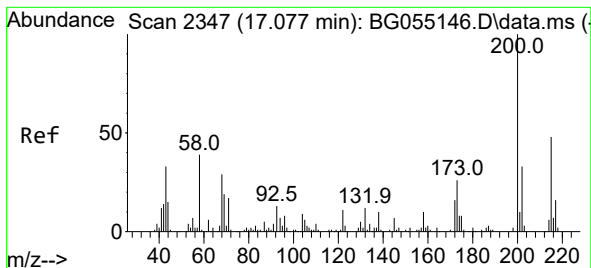
Tgt Ion:248 Resp: 135244
Ion Ratio Lower Upper
248 100
250 97.6 80.1 120.1
141 62.8 53.1 79.7



#68
Hexachlorobenzene
Concen: 40.219 ng
RT: 16.950 min Scan# 2325
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:284 Resp: 151295
Ion Ratio Lower Upper
284 100
142 27.7 23.9 35.9
249 31.0 24.9 37.3





#69

Atrazine

Concen: 45.793 ng

RT: 17.079 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

Instrument :

BNA_G

ClientSampleId :

PB148287BS

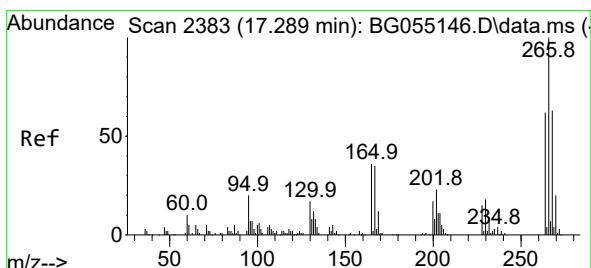
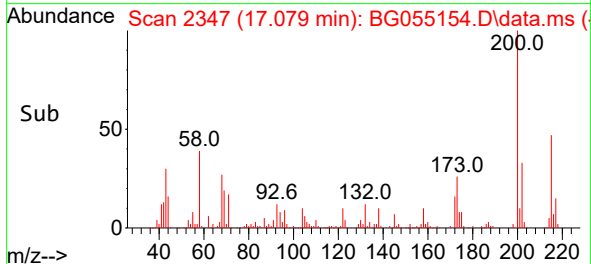
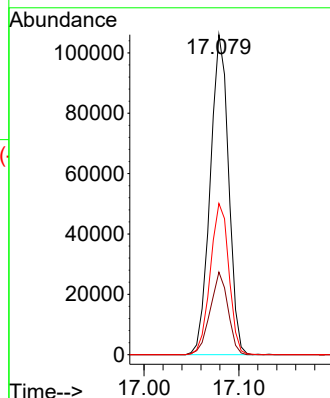
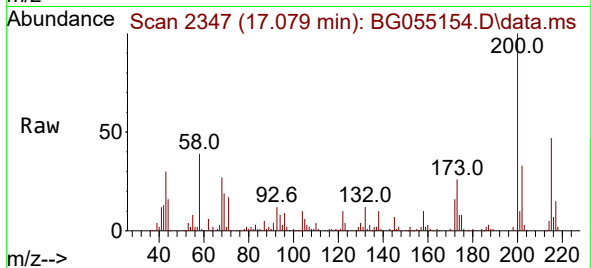
Tgt Ion:200 Resp: 142994

Ion Ratio Lower Upper

200 100

173 25.8 5.5 45.5

215 47.3 28.2 68.2



#70

Pentachlorophenol

Concen: 84.470 ng

RT: 17.285 min Scan# 2382

Delta R.T. -0.004 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

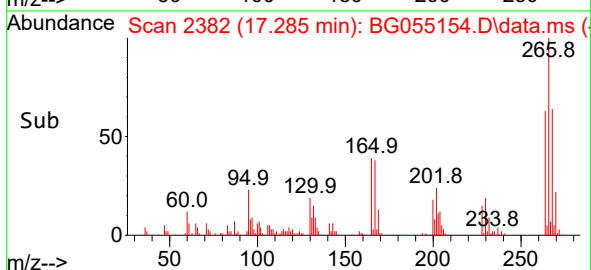
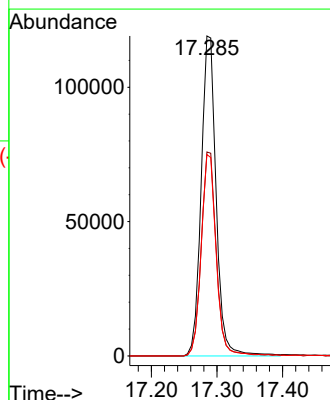
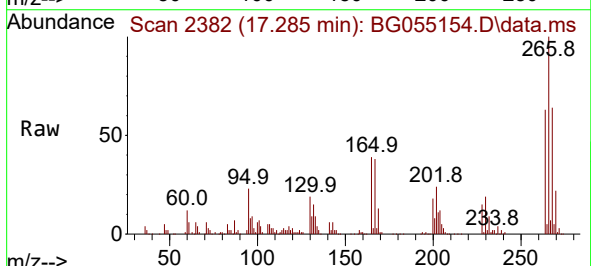
Tgt Ion:266 Resp: 189324

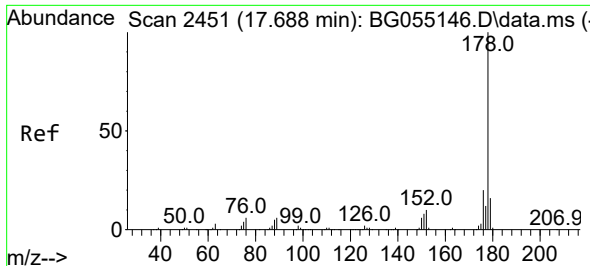
Ion Ratio Lower Upper

266 100

268 63.8 54.2 81.4

264 63.0 52.7 79.1

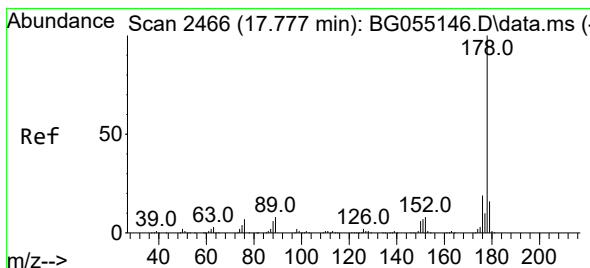
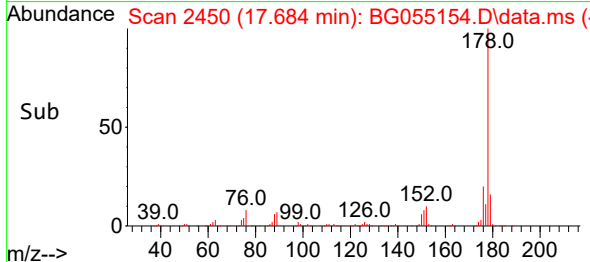
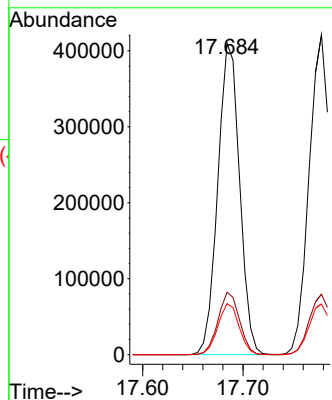
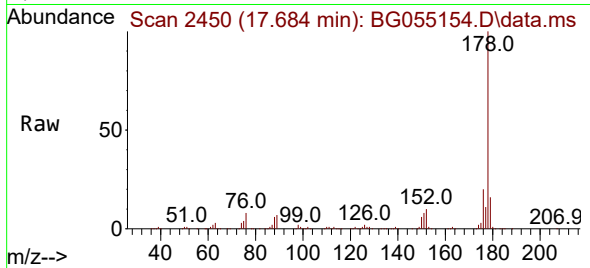




#71
Phenanthrene
Concen: 39.655 ng
RT: 17.684 min Scan# 2451
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

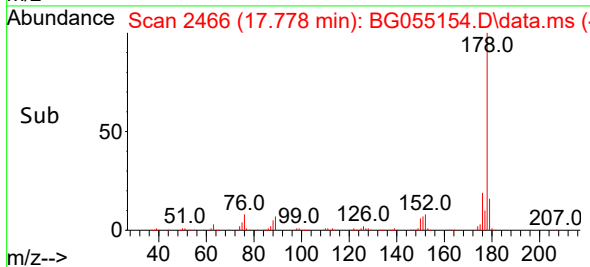
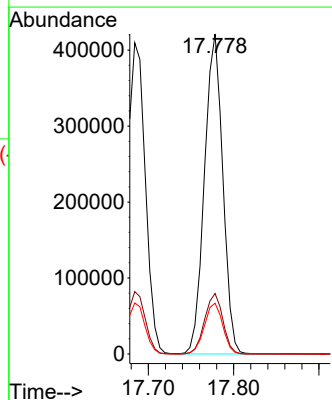
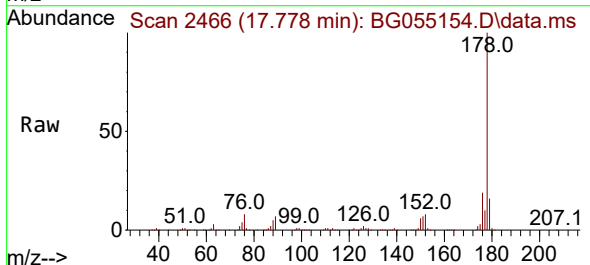
Instrument :
BNA_G
ClientSampleId :
PB148287BS

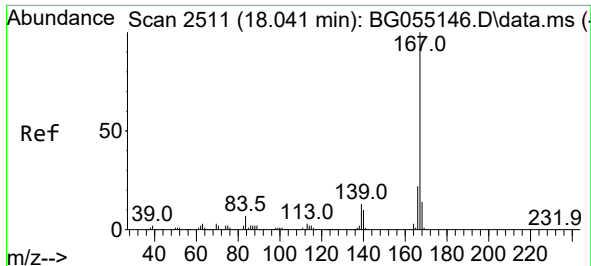
Tgt Ion:178 Resp: 617549
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.4 12.7 19.1



#72
Anthracene
Concen: 41.338 ng
RT: 17.778 min Scan# 2466
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:178 Resp: 629119
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.8 13.0 19.4

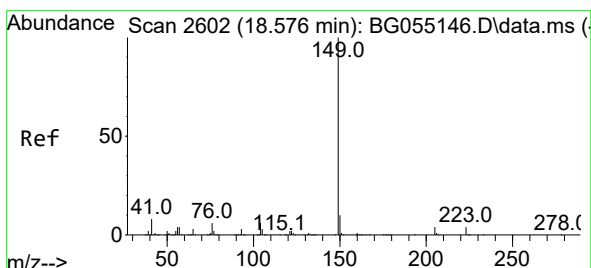
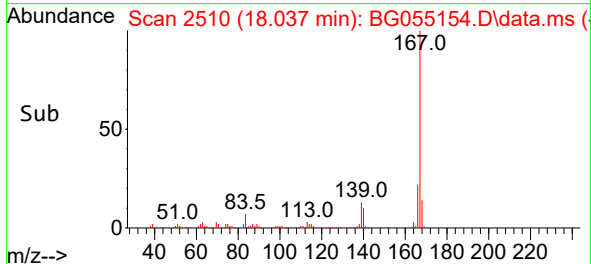
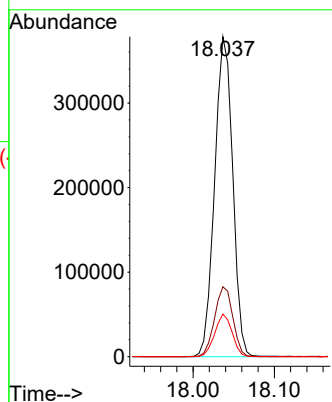
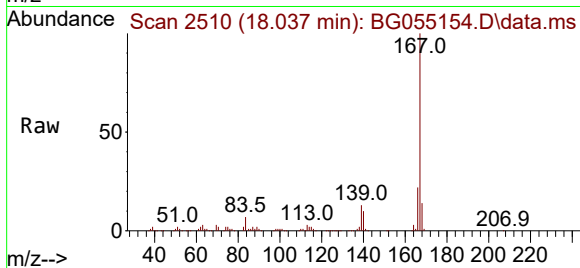




#73
Carbazole
Concen: 41.274 ng
RT: 18.037 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

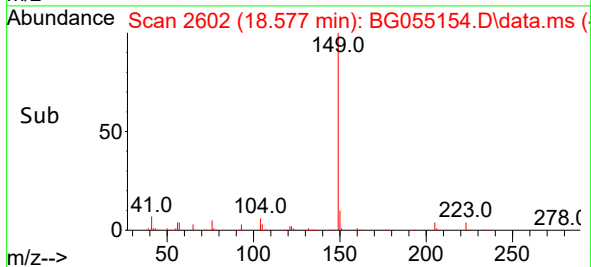
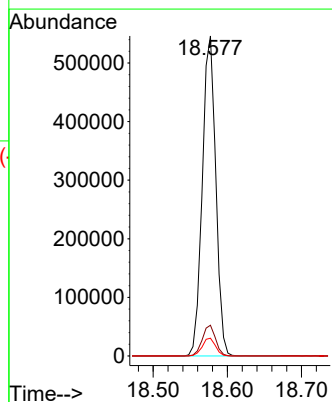
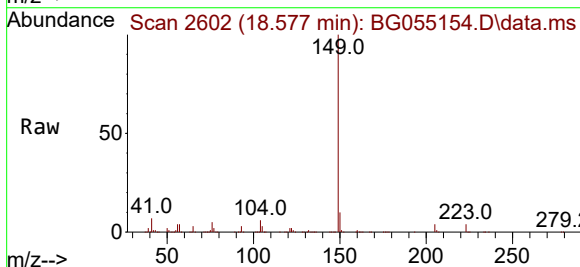
Instrument :
BNA_G
ClientSampleId :
PB148287BS

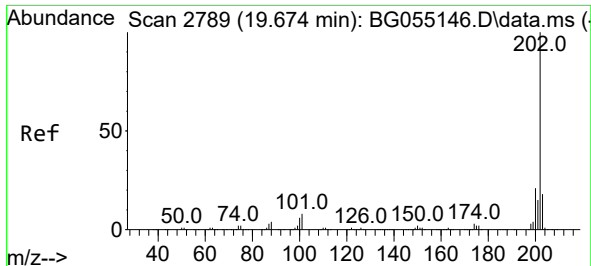
Tgt Ion:167 Resp: 584867
Ion Ratio Lower Upper
167 100
166 21.8 17.9 26.9
139 13.3 10.2 15.2



#74
Di-n-butylphthalate
Concen: 39.610 ng
RT: 18.577 min Scan# 2602
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

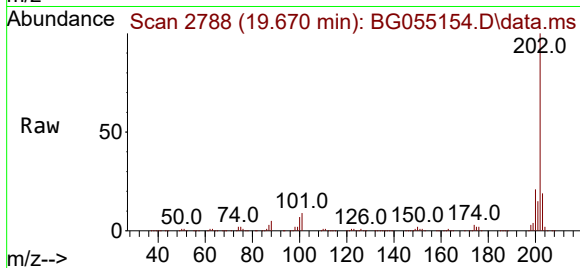
Tgt Ion:149 Resp: 690974
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.6 4.6 6.8



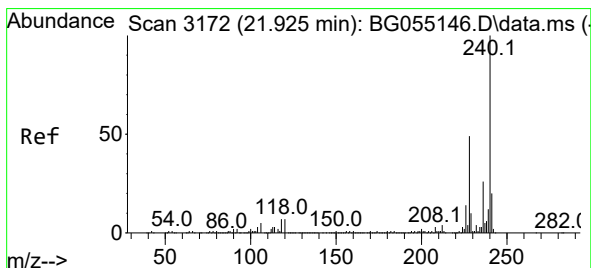
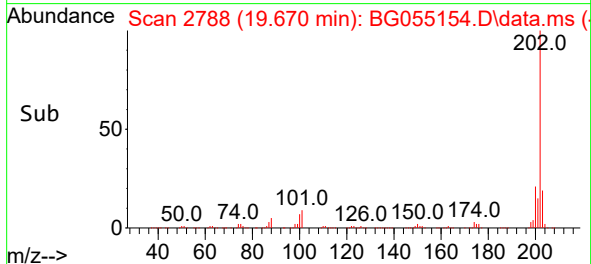
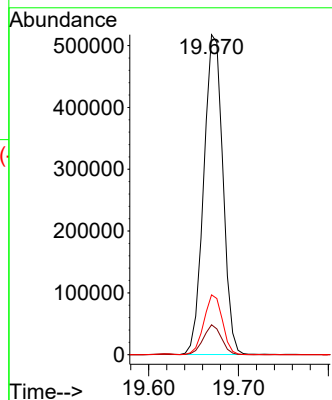


#75
Fluoranthene
Concen: 39.242 ng
RT: 19.670 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Instrument :
BNA_G
ClientSampleId :
PB148287BS

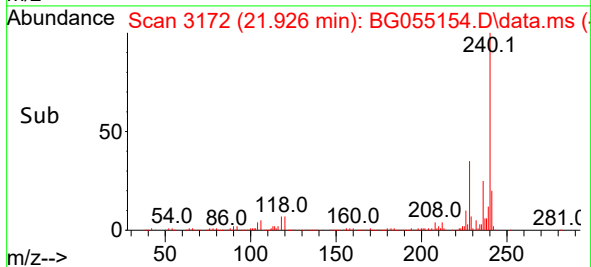
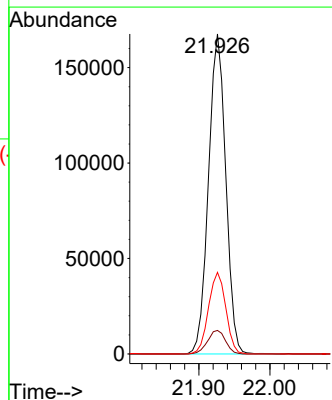
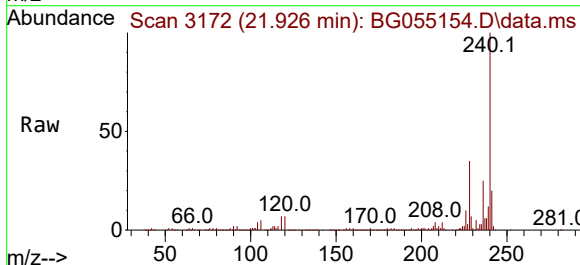


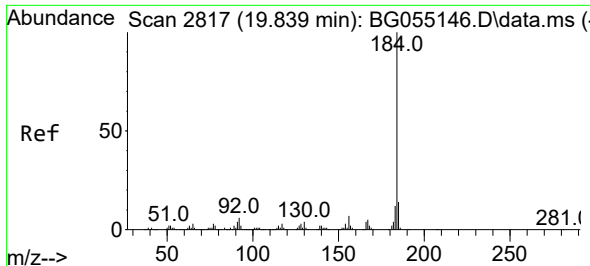
Tgt Ion:202 Resp: 763915
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.4
203 18.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3172
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:240 Resp: 283112
Ion Ratio Lower Upper
240 100
120 7.4 5.4 8.0
236 25.5 20.6 31.0

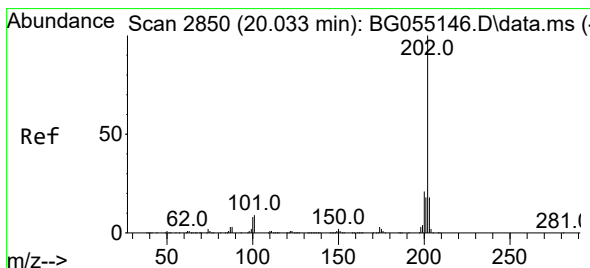
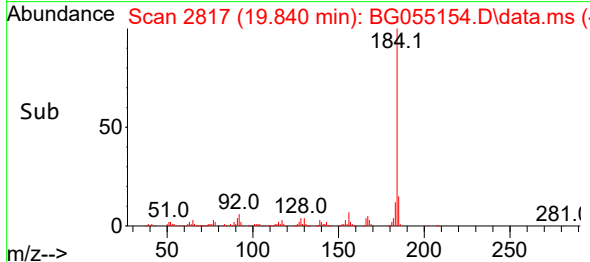
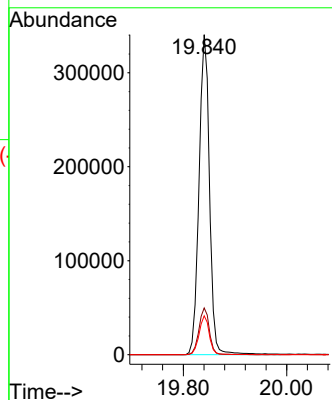
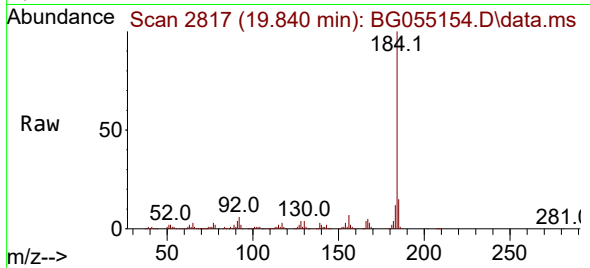




#77
Benzidine
Concen: 75.355 ng
RT: 19.840 min Scan# 2817
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

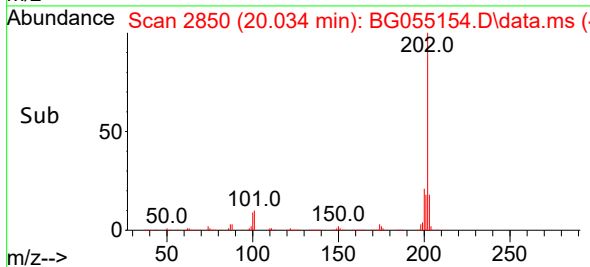
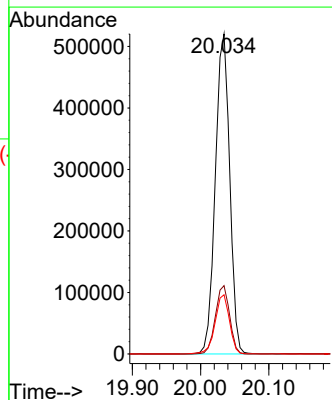
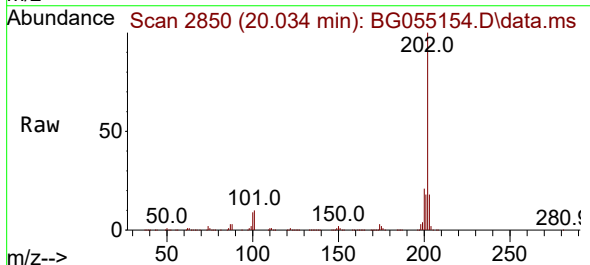
Instrument :
BNA_G
ClientSampleId :
PB148287BS

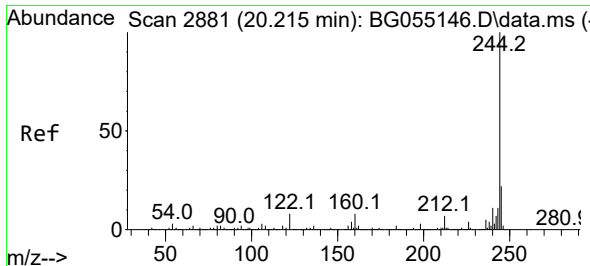
Tgt Ion:184 Resp: 478417
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 12.1 9.4 14.2



#78
Pyrene
Concen: 40.447 ng
RT: 20.034 min Scan# 2850
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:202 Resp: 763357
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 18.5 14.4 21.6

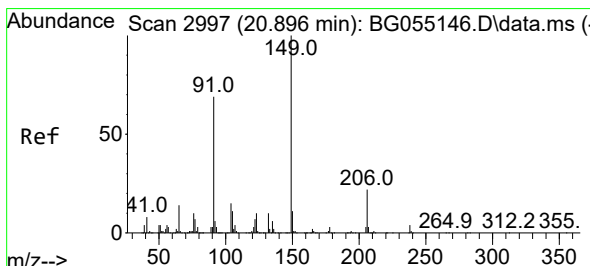
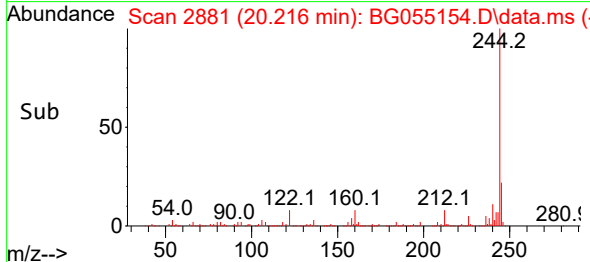
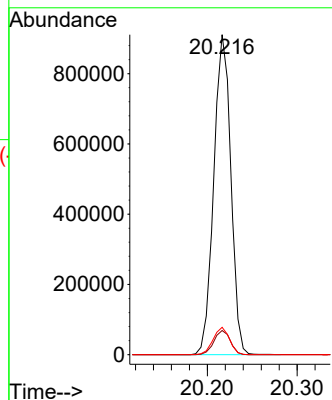
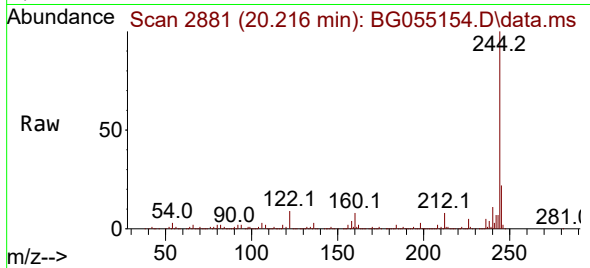




#79
 Terphenyl-d14
 Concen: 85.469 ng
 RT: 20.216 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG055154.D
 Acq: 13 Oct 2022 2:05

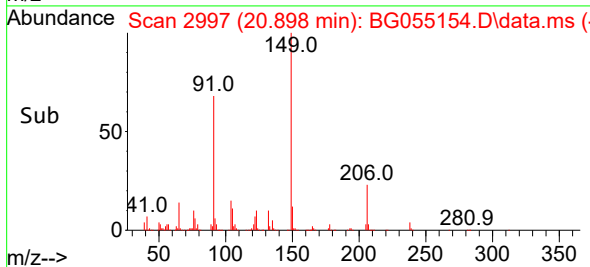
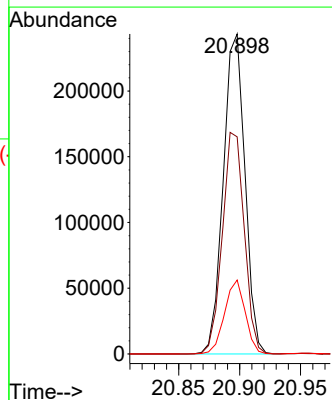
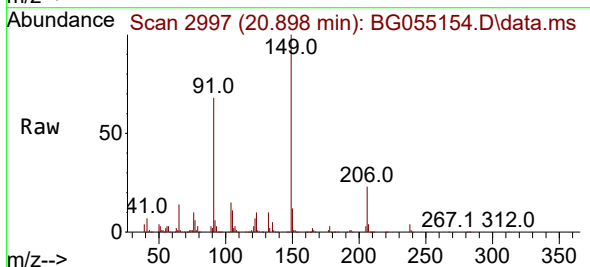
Instrument :
 BNA_G
 ClientSampleId :
 PB148287BS

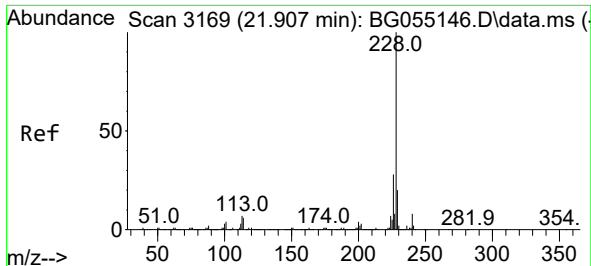
Tgt Ion:244 Resp: 1201438
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.5 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 41.651 ng
 RT: 20.898 min Scan# 2997
 Delta R.T. 0.002 min
 Lab File: BG055154.D
 Acq: 13 Oct 2022 2:05

Tgt Ion:149 Resp: 301762
 Ion Ratio Lower Upper
 149 100
 91 67.9 55.1 82.7
 206 23.1 17.9 26.9

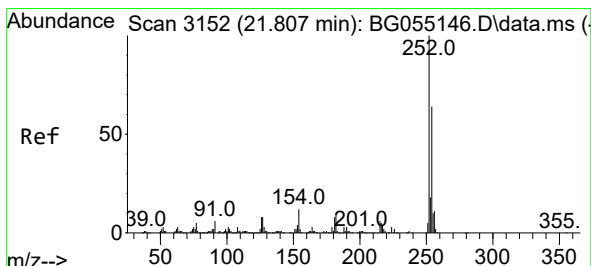
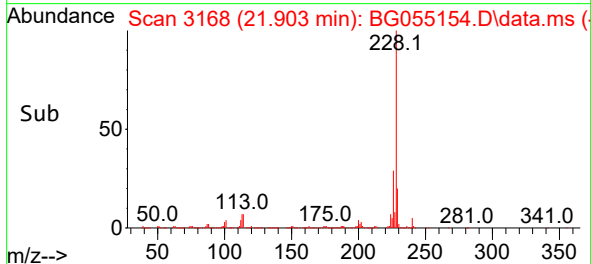
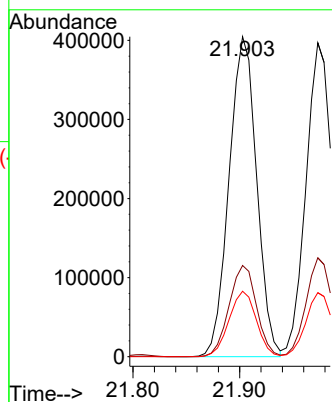
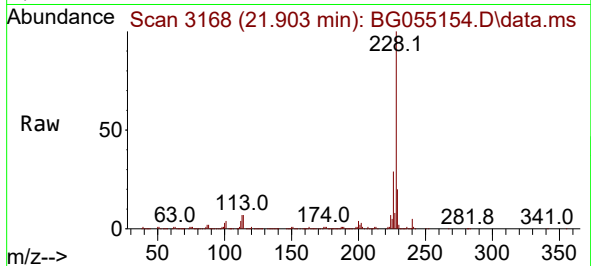




#81
Benzo(a)anthracene
Concen: 40.252 ng
RT: 21.903 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

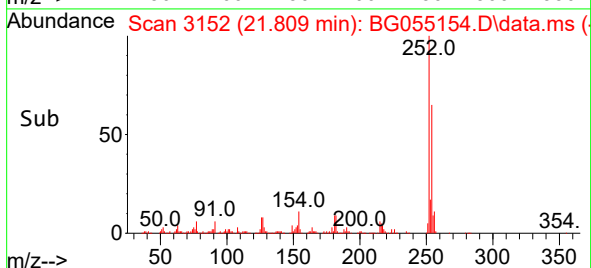
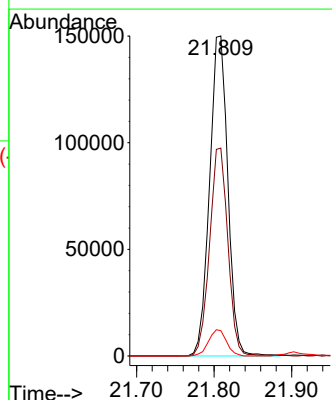
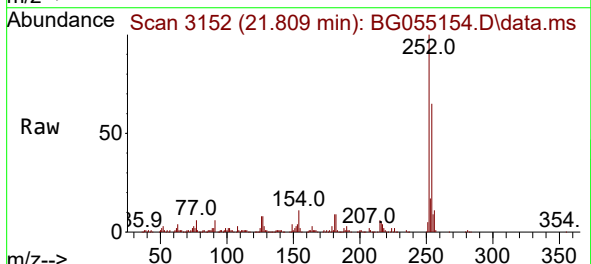
Instrument :
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ClientSampleId :
PB148287BS

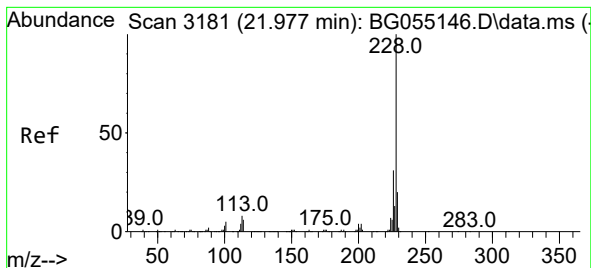
Tgt Ion:228 Resp: 729129
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 20.5 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 39.554 ng
RT: 21.809 min Scan# 3152
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:252 Resp: 245890
Ion Ratio Lower Upper
252 100
254 65.0 51.6 77.4
126 7.9 6.3 9.5





#83

Chrysene

Concen: 39.656 ng

RT: 21.973 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

Instrument :

BNA_G

ClientSampleId :

PB148287BS

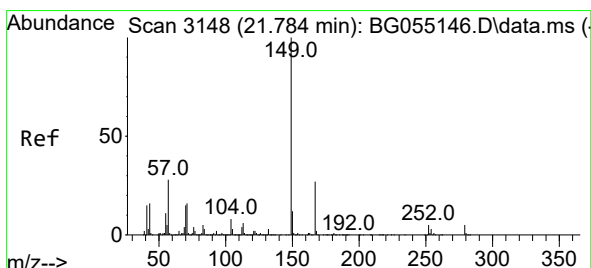
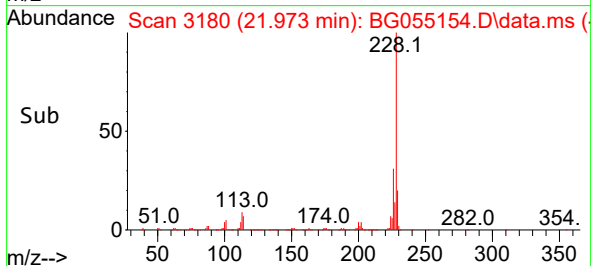
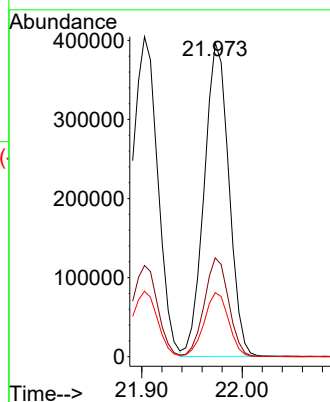
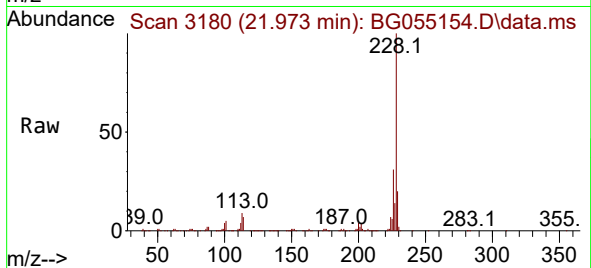
Tgt Ion:228 Resp: 677625

Ion Ratio Lower Upper

228 100

226 31.5 25.1 37.7

229 20.4 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.449 ng

RT: 21.785 min Scan# 3148

Delta R.T. 0.002 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

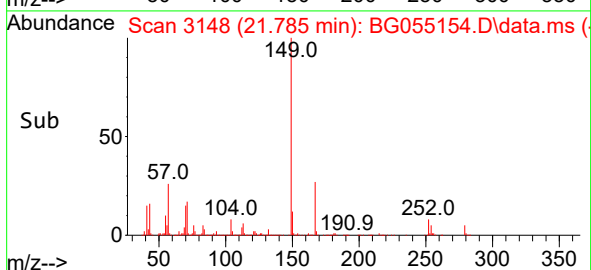
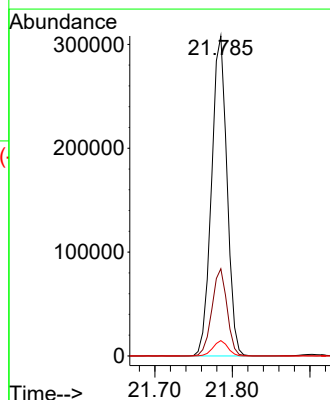
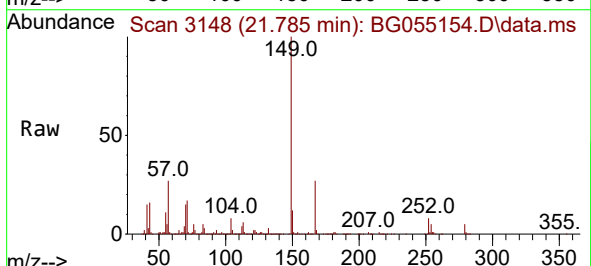
Tgt Ion:149 Resp: 427764

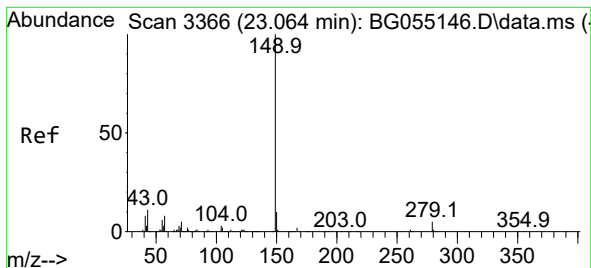
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 41.874 ng

RT: 23.060 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

Instrument :

BNA_G

ClientSampleId :

PB148287BS

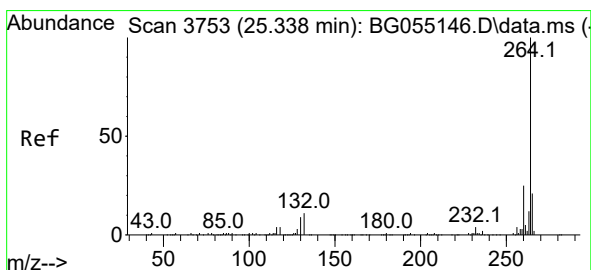
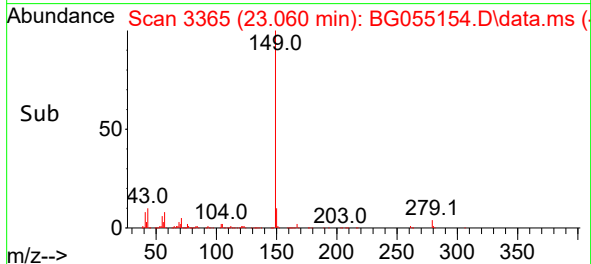
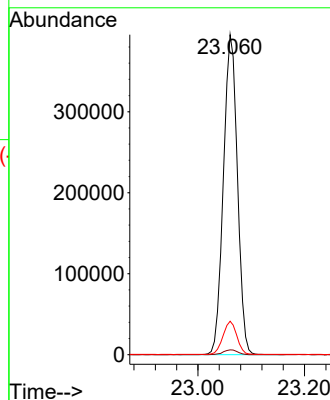
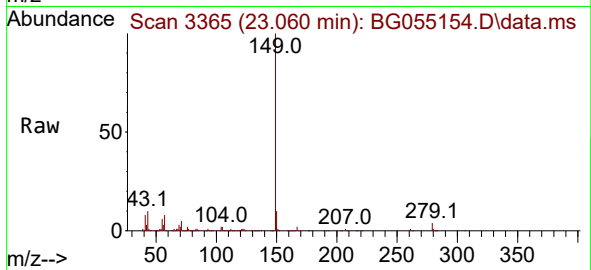
Tgt Ion:149 Resp: 720468

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.2 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.340 min Scan# 3753

Delta R.T. 0.002 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

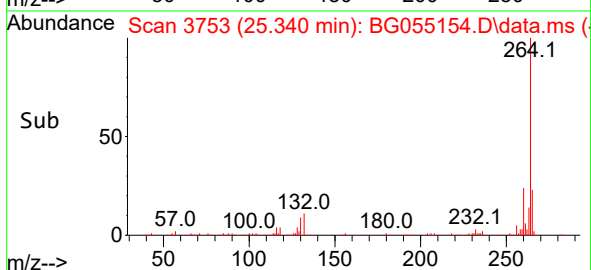
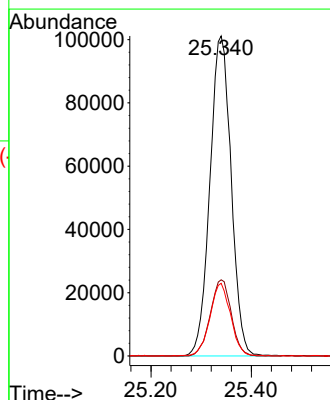
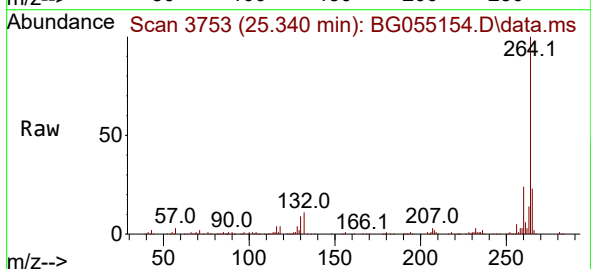
Tgt Ion:264 Resp: 296740

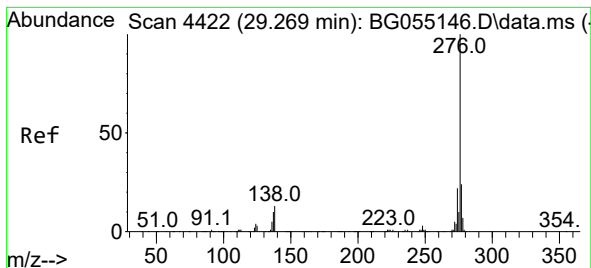
Ion Ratio Lower Upper

264 100

260 23.8 20.1 30.1

265 22.7 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.511 ng

RT: 29.271 min Scan# 44

Delta R.T. 0.002 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

Instrument :

BNA_G

ClientSampleId :

PB148287BS

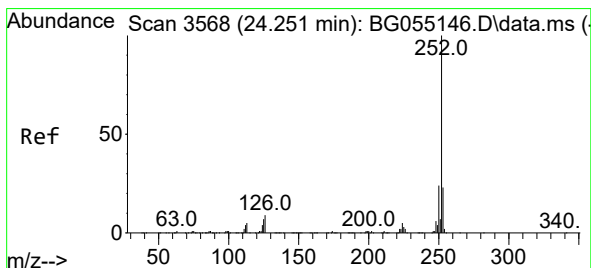
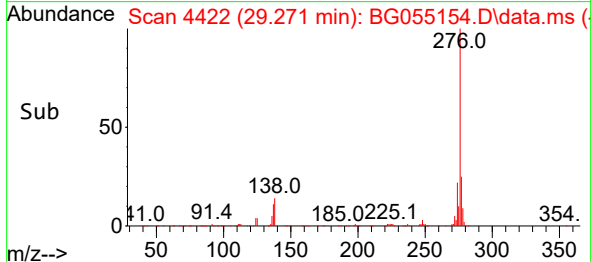
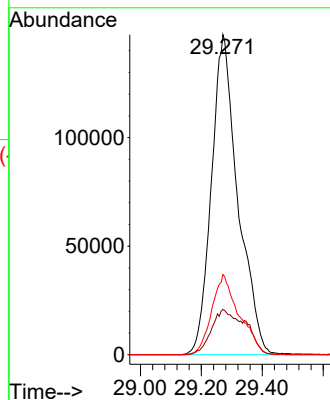
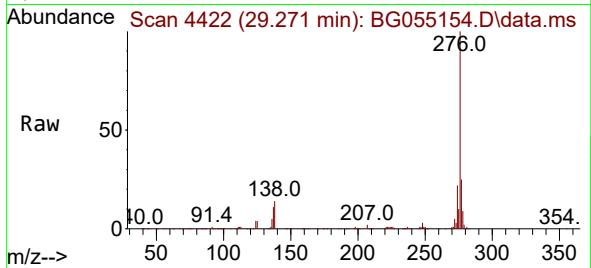
Tgt Ion:276 Resp: 890469

Ion Ratio Lower Upper

276 100

138 14.0 13.4 20.0

277 25.8 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 45.054 ng

RT: 24.247 min Scan# 3567

Delta R.T. -0.004 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

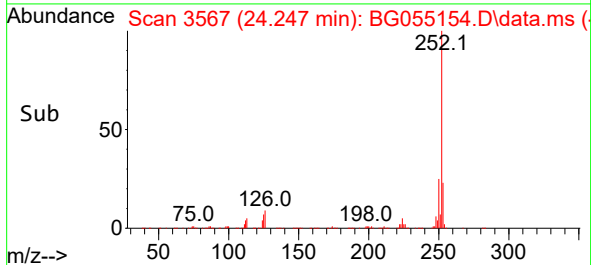
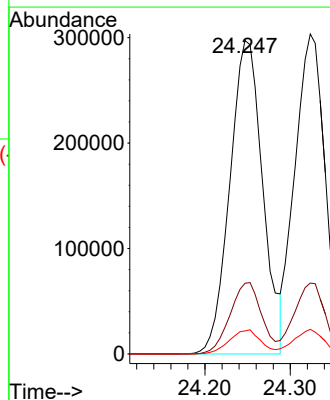
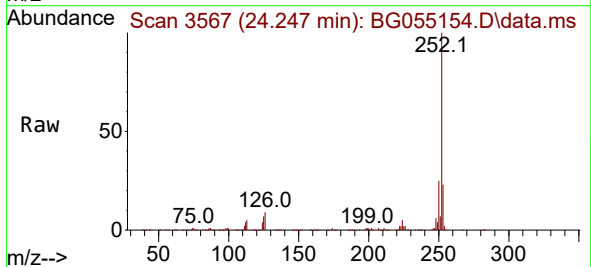
Tgt Ion:252 Resp: 796838

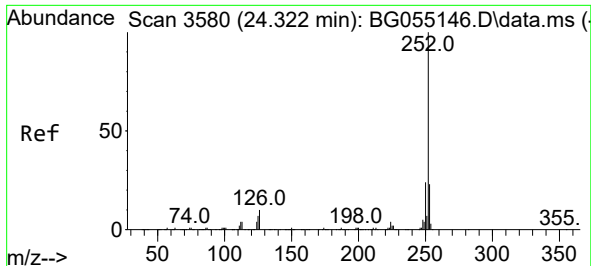
Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 7.3 5.7 8.5

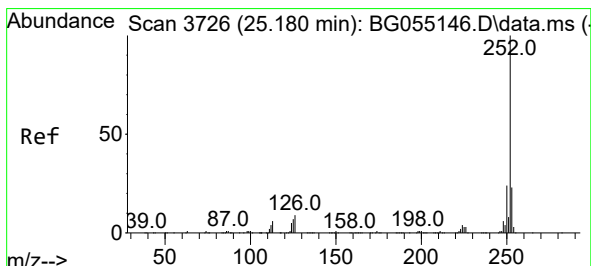
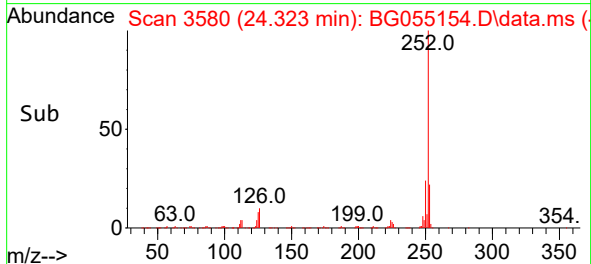
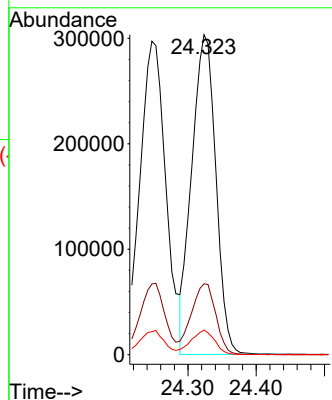
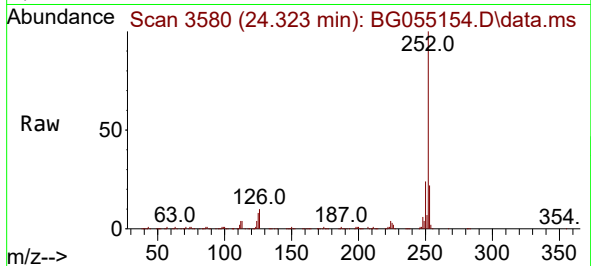




#89
Benzo(k)fluoranthene
Concen: 41.740 ng
RT: 24.323 min Scan# 3580
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

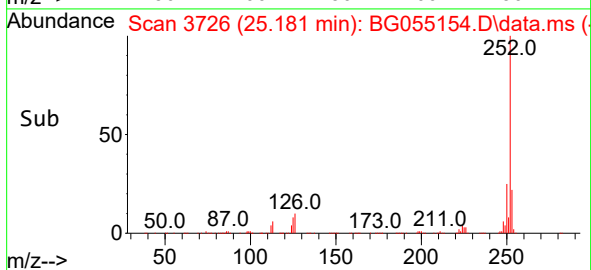
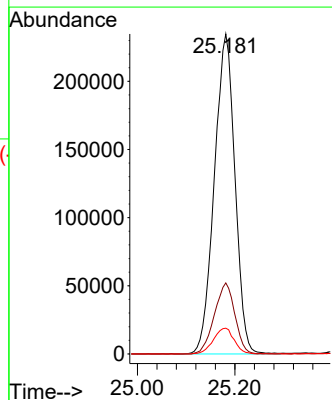
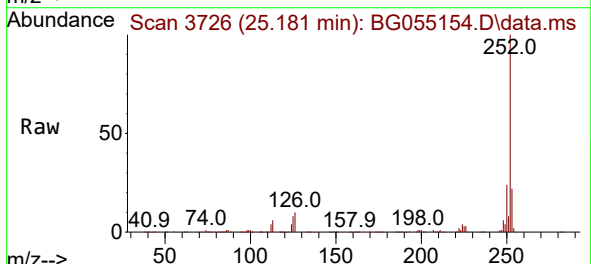
Instrument :
BNA_G
ClientSampleId :
PB148287BS

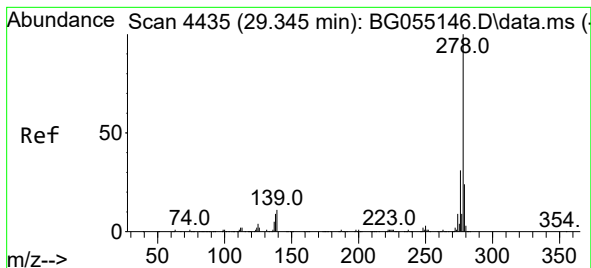
Tgt Ion:252 Resp: 741691
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 7.7 5.8 8.6



#90
Benzo(a)pyrene
Concen: 45.543 ng
RT: 25.181 min Scan# 3726
Delta R.T. 0.002 min
Lab File: BG055154.D
Acq: 13 Oct 2022 2:05

Tgt Ion:252 Resp: 688787
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.0 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 42.646 ng

RT: 29.347 min Scan# 4435

Delta R.T. 0.002 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

Instrument :

BNA_G

ClientSampleId :

PB148287BS

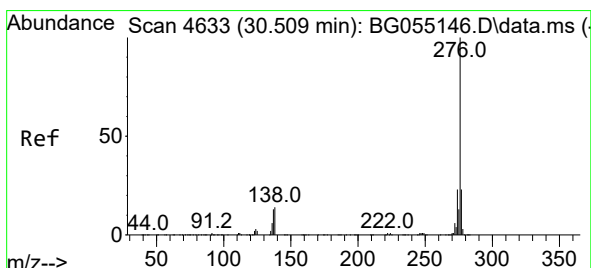
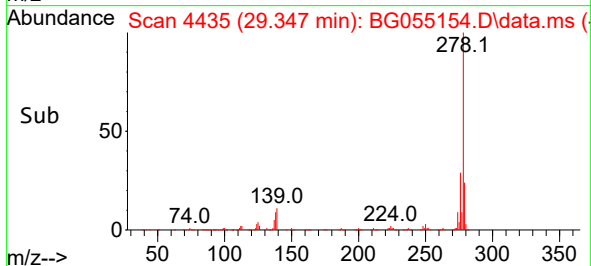
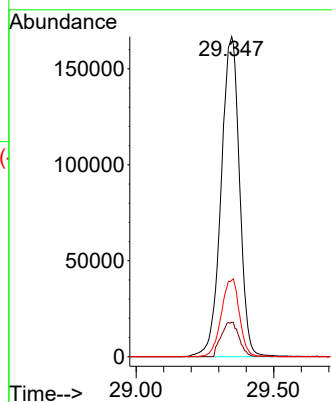
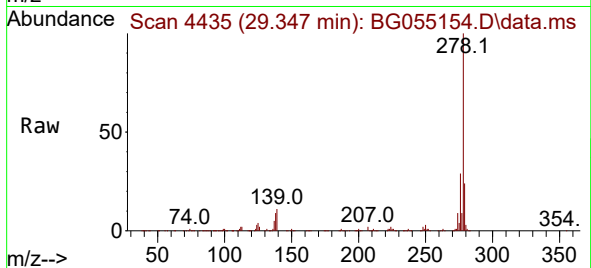
Tgt Ion:278 Resp: 775707

Ion Ratio Lower Upper

278 100

139 10.8 8.4 12.6

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 42.843 ng

RT: 30.516 min Scan# 4634

Delta R.T. 0.007 min

Lab File: BG055154.D

Acq: 13 Oct 2022 2:05

Tgt Ion:276 Resp: 763372

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 14.5 11.2 16.8

