

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055159.D
 Acq On : 13 Oct 2022 11:28
 Operator : CG/JU
 Sample : PB148265BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148265BS

Quant Time: Oct 14 01:20:51 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	8.305	152	26872	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	129666	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	109473	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	293885	20.000	ng	0.00
76) Chrysene-d12	21.930	240	283440	20.000	ng	0.00
86) Perylene-d12	25.349	264	297042	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.819	112	211824	154.223	ng	0.00
7) Phenol-d6	7.435	99	296440	145.903	ng	0.00
23) Nitrobenzene-d5	9.474	82	185375	76.663	ng	0.00
42) 2,4,6-Tribromophenol	16.389	330	203366	129.285	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	491973	73.412	ng	0.00
79) Terphenyl-d14	20.220	244	1119208	79.527	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.634	88	18632	32.059	ng	95
3) Pyridine	4.057	79	54137	29.540	ng	97
4) n-Nitrosodimethylamine	3.963	42	36510	37.542	ng	98
6) Aniline	7.611	93	110649	42.411	ng	97
8) 2-Chlorophenol	7.858	128	77650	46.362	ng	99
9) Benzaldehyde	7.423	77	48982	35.847	ng	97
10) Phenol	7.465	94	104252	46.185	ng	99
11) bis(2-Chloroethyl)ether	7.705	93	66353	41.560	ng	97
12) 1,3-Dichlorobenzene	8.193	146	76048	39.066	ng	96
13) 1,4-Dichlorobenzene	8.340	146	78145	39.760	ng	99
14) 1,2-Dichlorobenzene	8.663	146	76928	40.872	ng	97
15) Benzyl Alcohol	8.534	79	81180	44.693	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.828	45	111464	41.763	ng	98
17) 2-Methylphenol	8.728	107	73093	45.006	ng	92
18) Hexachloroethane	9.403	117	26029	39.067	ng	99
19) n-Nitroso-di-n-propyla...	9.104	70	66619	40.628	ng	99
20) 3+4-Methylphenols	9.057	107	102370	43.932	ng	96
22) Acetophenone	9.127	105	124185	38.681	ng	# 100
24) Nitrobenzene	9.515	77	94064	37.601	ng	99
25) Isophorone	10.038	82	190798	40.631	ng	98
26) 2-Nitrophenol	10.232	139	46980	39.637	ng	99
27) 2,4-Dimethylphenol	10.273	122	86267	47.858	ng	98
28) bis(2-Chloroethoxy)met...	10.514	93	99548	42.776	ng	97
29) 2,4-Dichlorophenol	10.767	162	88510	41.084	ng	96
30) 1,2,4-Trichlorobenzene	10.990	180	83320	35.853	ng	99
31) Naphthalene	11.184	128	253874	37.229	ng	100
32) Benzoic acid	10.396	122	52977	35.526	ng	94
33) 4-Chloroaniline	11.278	127	101950	34.781	ng	96
34) Hexachlorobutadiene	11.460	225	52372	35.344	ng	98
35) Caprolactam	12.042	113	20354	22.998	ng	91
36) 4-Chloro-3-methylphenol	12.371	107	107103	44.085	ng	95
37) 2-Methylnaphthalene	12.764	142	194925	38.172	ng	97
38) 1-Methylnaphthalene	12.982	142	188895	37.914	ng	99
40) 1,2,4,5-Tetrachloroben...	13.123	216	110650	35.836	ng	99
41) Hexachlorocyclopentadiene	13.105	237	137289	88.986	ng	98
43) 2,4,6-Trichlorophenol	13.352	196	84331	37.577	ng	97

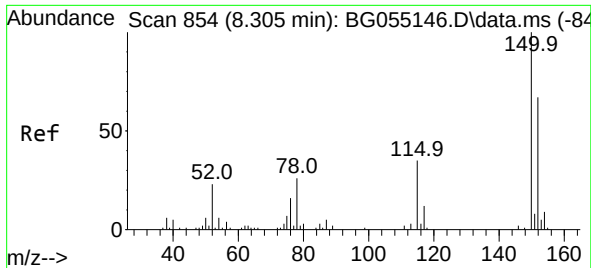
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 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.422	196	94947	38.127	ng	99
46) 1,1'-Biphenyl	13.751	154	276557	38.051	ng	99
47) 2-Chloronaphthalene	13.798	162	215332	36.626	ng	100
48) 2-Nitroaniline	13.992	65	81627	38.917	ng	96
49) Acenaphthylene	14.638	152	370008	37.490	ng	99
50) Dimethylphthalate	14.356	163	335616	38.139	ng	99
51) 2,6-Dinitrotoluene	14.474	165	72499	40.035	ng	98
52) Acenaphthene	14.979	154	270299	42.336	ng	98
53) 3-Nitroaniline	14.803	138	70575	33.615	ng	98
54) 2,4-Dinitrophenol	15.009	184	92920	84.352	ng	91
55) Dibenzofuran	15.308	168	375571	37.704	ng	98
56) 4-Nitrophenol	15.097	139	139499	85.325	ng	95
57) 2,4-Dinitrotoluene	15.255	165	108041	40.734	ng	97
58) Fluorene	15.955	166	310842	38.005	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.526	232	92760	37.746	ng	98
60) Diethylphthalate	15.702	149	356431	38.454	ng	99
61) 4-Chlorophenyl-phenyle...	15.937	204	168596	38.498	ng	100
62) 4-Nitroaniline	15.960	138	86009	37.945	ng	98
63) Azobenzene	16.231	77	304563	38.704	ng	98
65) 4,6-Dinitro-2-methylph...	16.013	198	66252	38.354	ng	98
66) n-Nitrosodiphenylamine	16.148	169	289368	37.323	ng	99
67) 4-Bromophenyl-phenylether	16.830	248	118196	36.893	ng	96
68) Hexachlorobenzene	16.948	284	134140	36.429	ng	99
69) Atrazine	17.083	200	131899	43.152	ng	99
70) Pentachlorophenol	17.288	266	168325	76.724	ng	96
71) Phenanthrene	17.688	178	560594	36.775	ng	99
72) Anthracene	17.776	178	568848	38.185	ng	100
73) Carbazole	18.040	167	537632	38.761	ng	99
74) Di-n-butylphthalate	18.581	149	649009	38.009	ng	99
75) Fluoranthene	19.674	202	711966	37.363	ng	98
77) Benzidine	19.844	184	426317	67.071	ng	99
78) Pyrene	20.038	202	704957	37.309	ng	98
80) Butylbenzylphthalate	20.902	149	283514	39.087	ng	99
81) Benzo(a)anthracene	21.906	228	677523	37.360	ng	99
82) 3,3'-Dichlorobenzidine	21.812	252	230910	37.102	ng	99
83) Chrysene	21.977	228	636951	37.233	ng	100
84) Bis(2-ethylhexyl)phtha...	21.789	149	400306	38.744	ng	100
85) Di-n-octyl phthalate	23.070	149	679138	39.426	ng	99
87) Indeno(1,2,3-cd)pyrene	29.286	276	829408	37.695	ng	98
88) Benzo(b)fluoranthene	24.257	252	727254	41.077	ng	99
89) Benzo(k)fluoranthene	24.333	252	707398	39.769	ng	99
90) Benzo(a)pyrene	25.191	252	639483	42.240	ng	98
91) Dibenzo(a,h)anthracene	29.357	278	724147	39.771	ng	99
92) Benzo(g,h,i)perylene	30.526	276	712601	39.953	ng	97

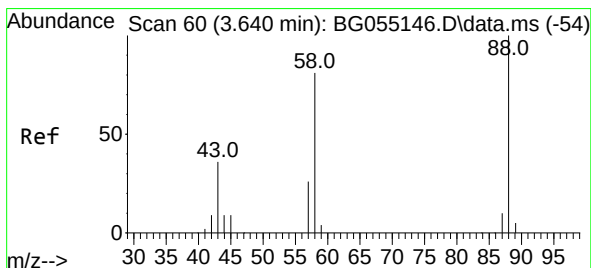
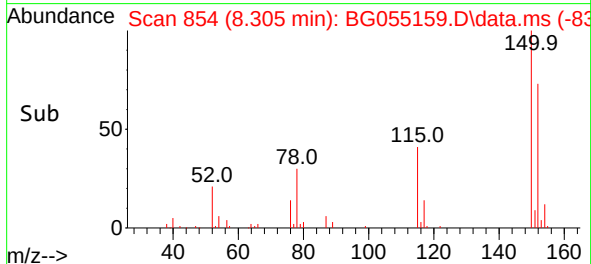
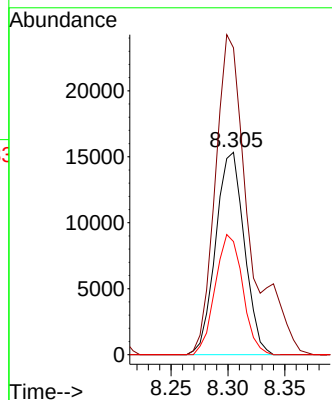
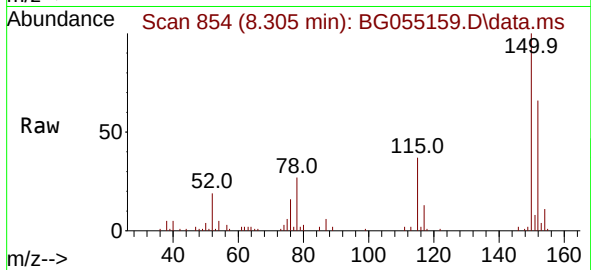
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.305 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG055159.D
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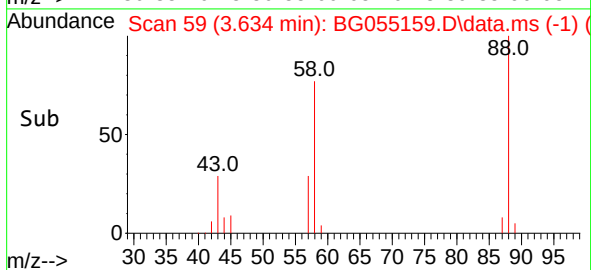
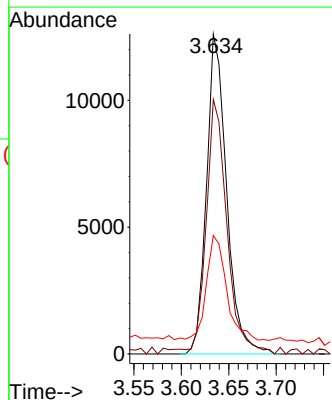
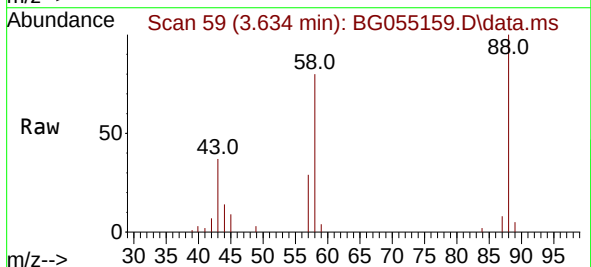
Instrument :
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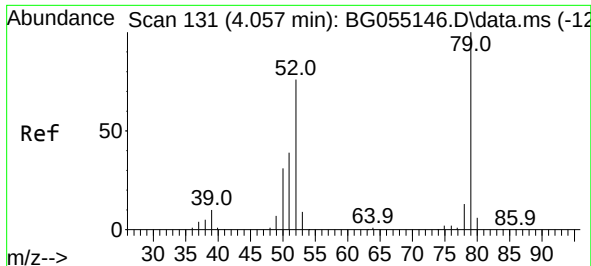
Tgt Ion:152 Resp: 26872
 Ion Ratio Lower Upper
 152 100
 150 151.6 119.7 179.5
 115 55.9 42.4 63.6



#2
 1,4-Dioxane
 Concen: 32.059 ng
 RT: 3.634 min Scan# 59
 Delta R.T. -0.006 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28

Tgt Ion: 88 Resp: 18632
 Ion Ratio Lower Upper
 88 100
 58 81.6 61.0 91.4
 43 32.7 26.5 39.7

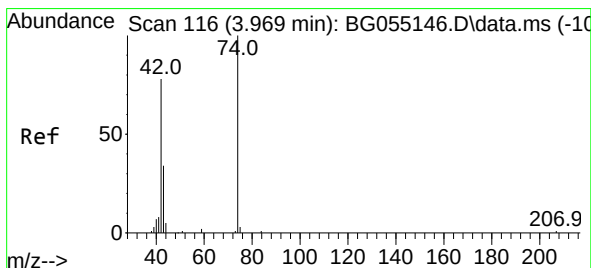
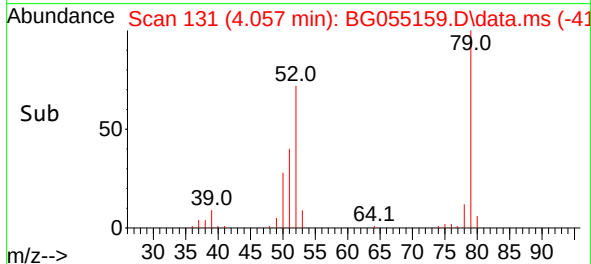
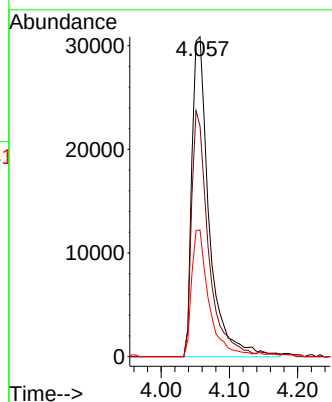
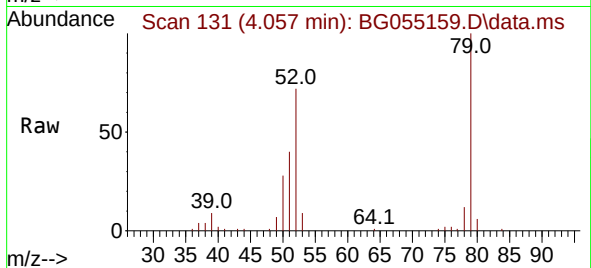




#3
Pyridine
Concen: 29.540 ng
RT: 4.057 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

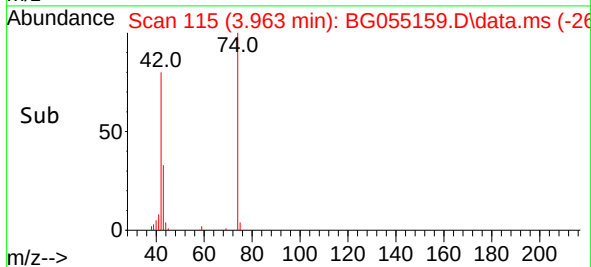
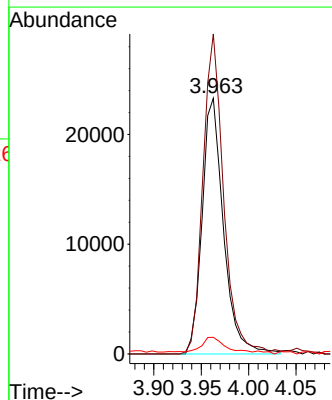
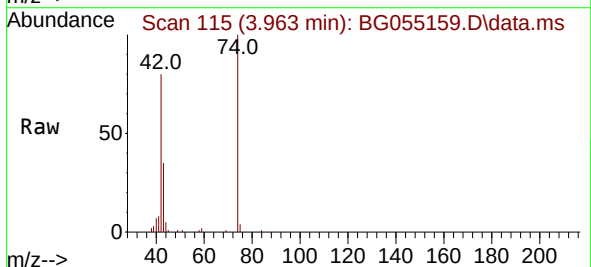
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ClientSampleId :
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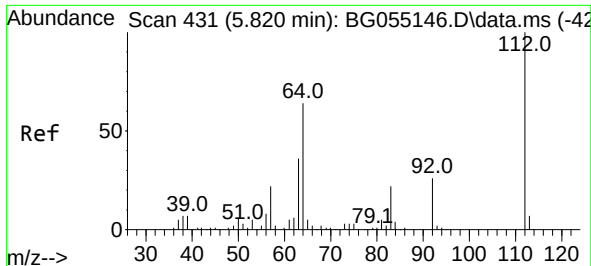
Tgt Ion: 79 Resp: 54137
Ion Ratio Lower Upper
79 100
52 72.1 60.9 91.3
51 39.6 31.6 47.4



#4
n-Nitrosodimethylamine
Concen: 37.542 ng
RT: 3.963 min Scan# 115
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion: 42 Resp: 36510
Ion Ratio Lower Upper
42 100
74 125.2 101.9 152.9
44 6.5 5.5 8.3

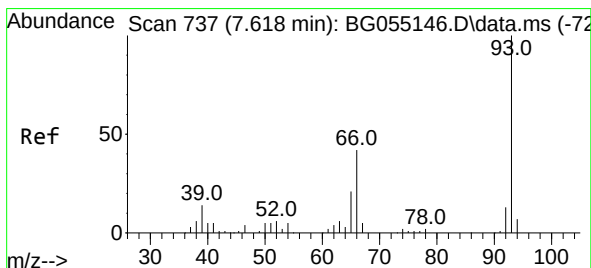
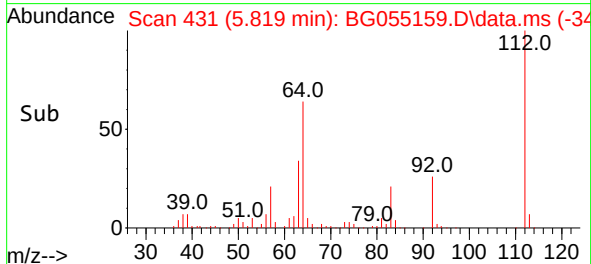
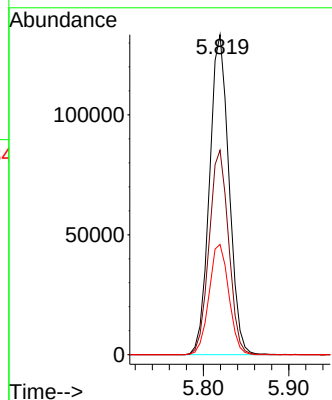
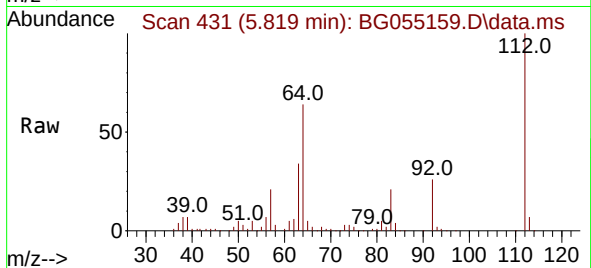




#5
2-Fluorophenol
Concen: 154.223 ng
RT: 5.819 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

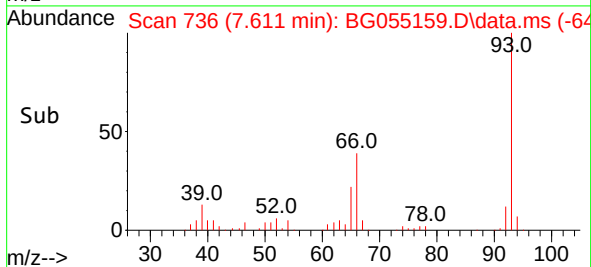
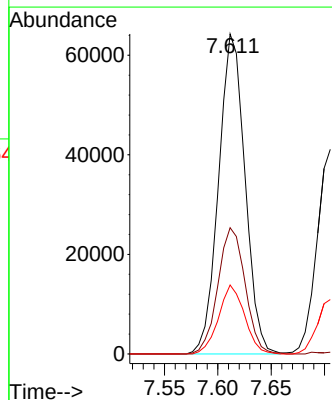
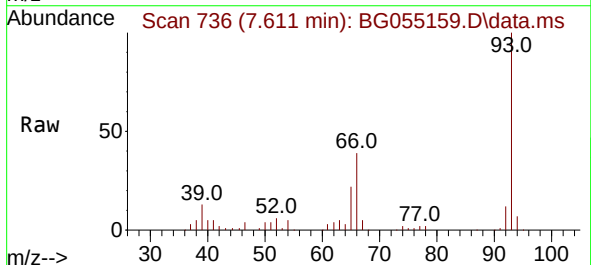
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ClientSampleId :
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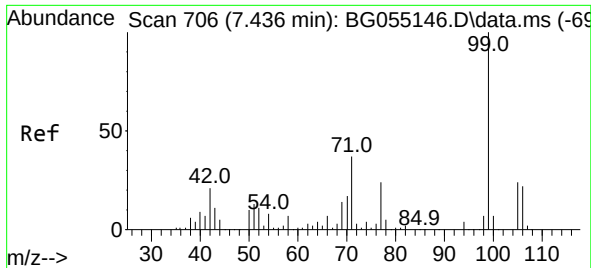
Tgt Ion:112 Resp: 211824
Ion Ratio Lower Upper
112 100
64 63.9 50.9 76.3
63 34.5 29.0 43.6



#6
Aniline
Concen: 42.411 ng
RT: 7.611 min Scan# 736
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion: 93 Resp: 110649
Ion Ratio Lower Upper
93 100
66 39.5 33.3 49.9
65 21.6 16.6 25.0

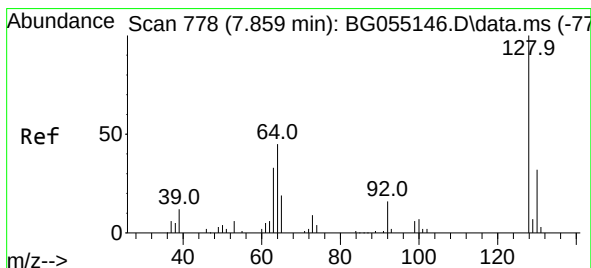
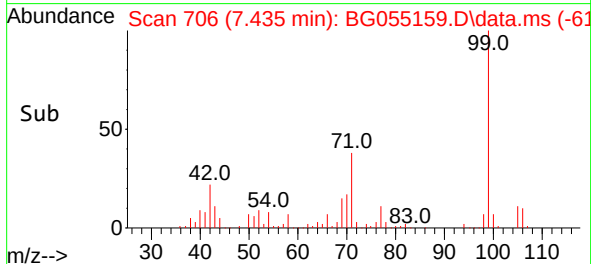
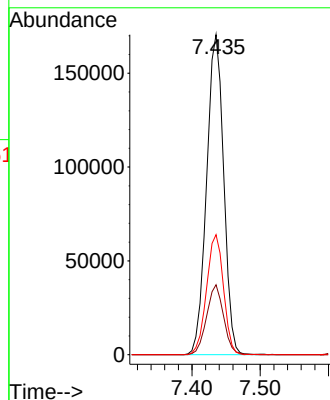
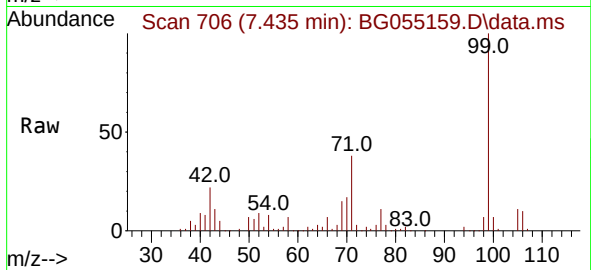




#7
Phenol-d6
Concen: 145.903 ng
RT: 7.435 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

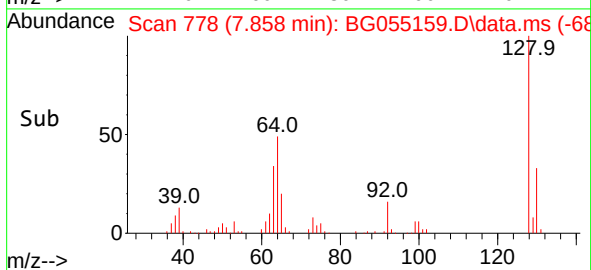
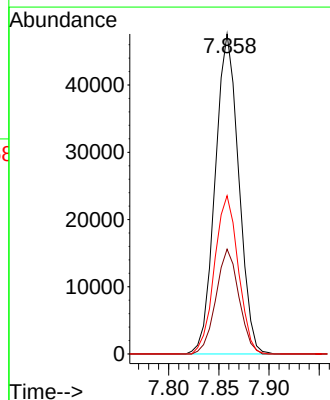
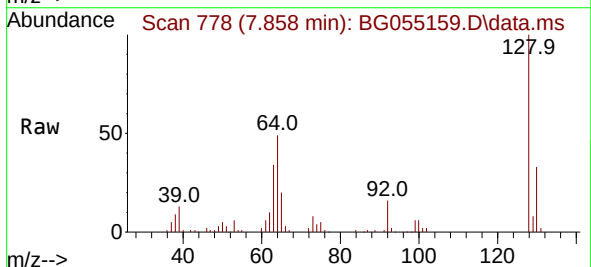
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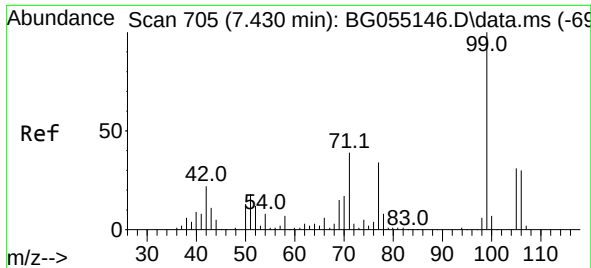
Tgt Ion: 99 Resp: 296440
Ion Ratio Lower Upper
99 100
42 21.9 16.6 25.0
71 37.5 29.6 44.4



#8
2-Chlorophenol
Concen: 46.362 ng
RT: 7.858 min Scan# 778
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion: 128 Resp: 77650
Ion Ratio Lower Upper
128 100
130 32.8 11.8 51.8
64 49.4 29.7 69.7

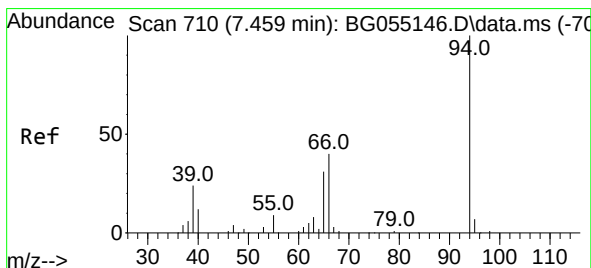
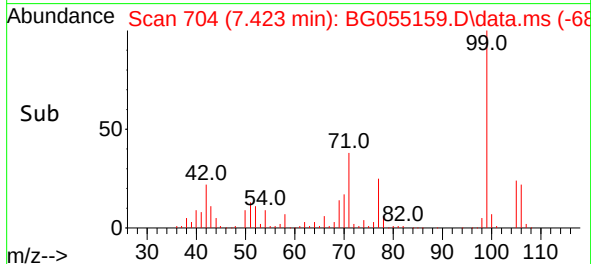
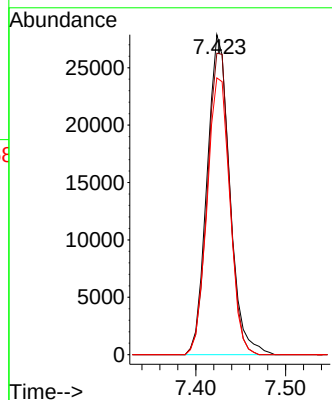
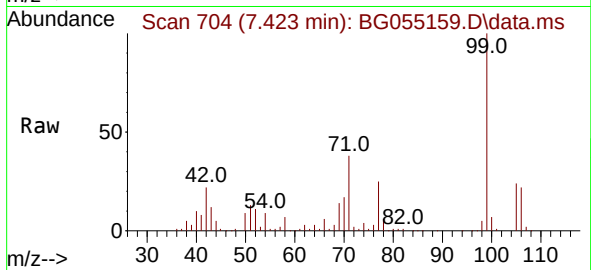




#9
Benzaldehyde
Concen: 35.847 ng
RT: 7.423 min Scan# 704
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

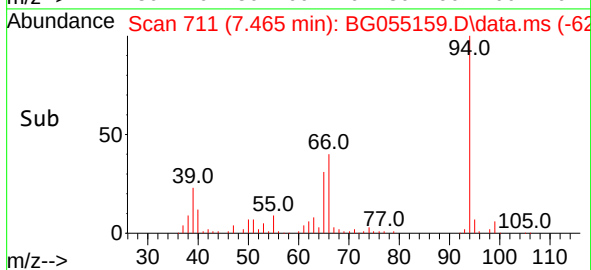
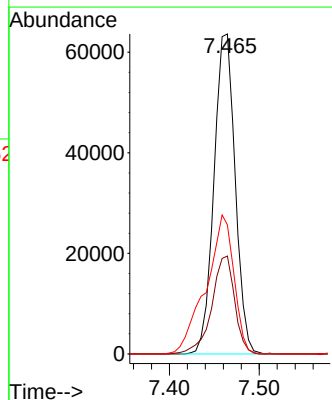
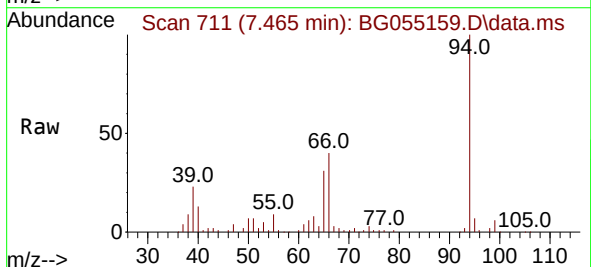
Instrument :
BNA_G
ClientSampleId :
PB148265BS

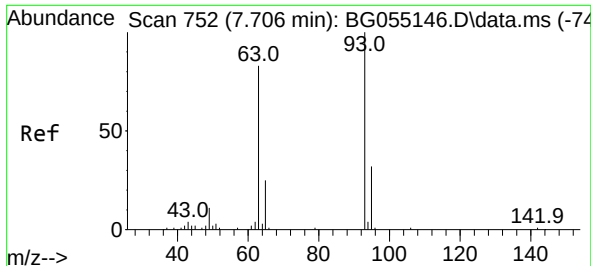
Tgt Ion: 77 Resp: 48982
Ion Ratio Lower Upper
77 100
105 94.2 71.2 111.2
106 86.5 68.6 108.6



#10
Phenol
Concen: 46.185 ng
RT: 7.465 min Scan# 711
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion: 94 Resp: 104252
Ion Ratio Lower Upper
94 100
65 30.6 11.2 51.2
66 40.4 21.5 61.5

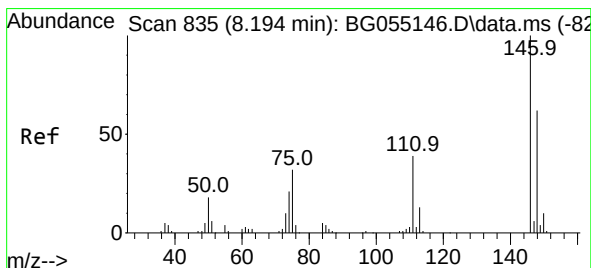
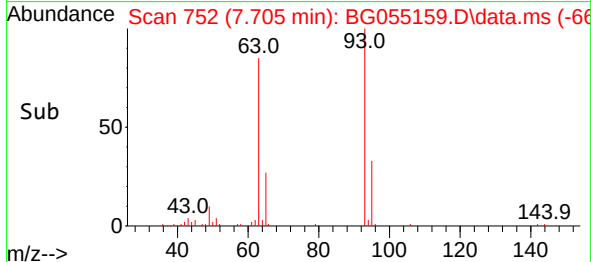
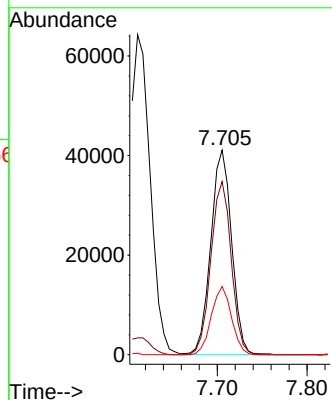
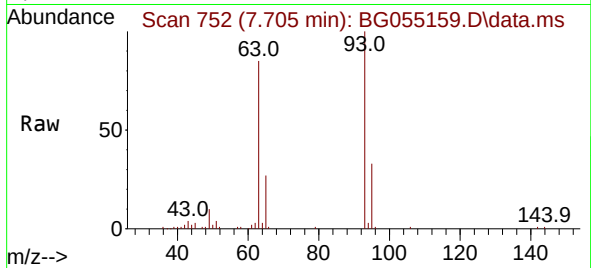




#11
bis(2-Chloroethyl)ether
Concen: 41.560 ng
RT: 7.705 min Scan# 752
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

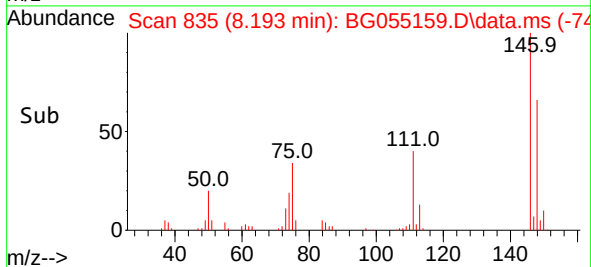
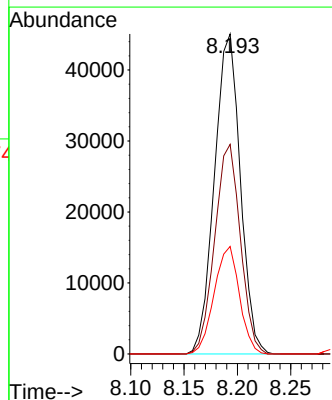
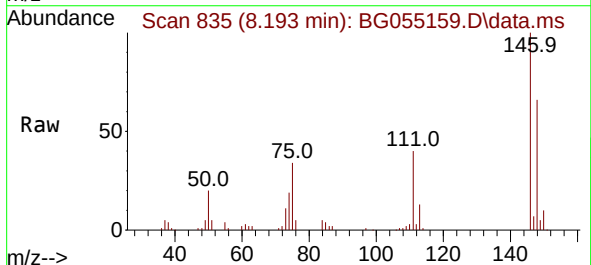
Instrument :
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ClientSampleId :
PB148265BS

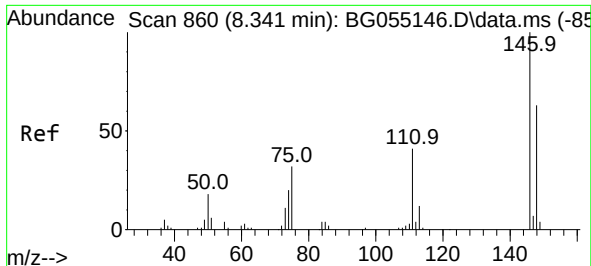
Tgt Ion: 93 Resp: 66353
Ion Ratio Lower Upper
93 100
63 84.6 62.3 102.3
95 33.3 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 39.066 ng
RT: 8.193 min Scan# 835
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion: 146 Resp: 76048
Ion Ratio Lower Upper
146 100
148 65.5 49.6 74.4
75 33.6 25.8 38.8

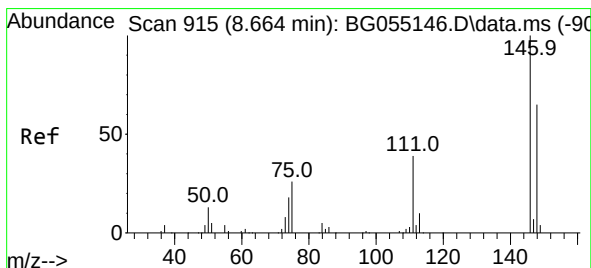
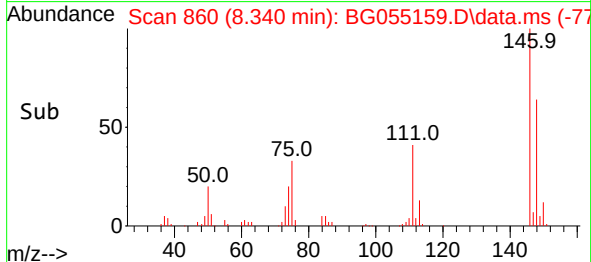
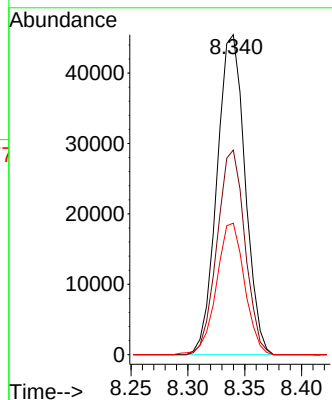
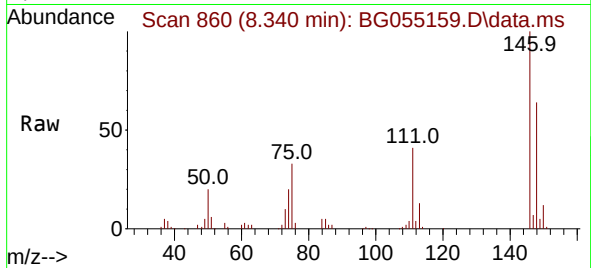




#13
1,4-Dichlorobenzene
Concen: 39.760 ng
RT: 8.340 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

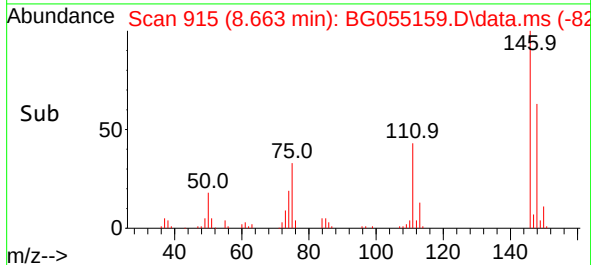
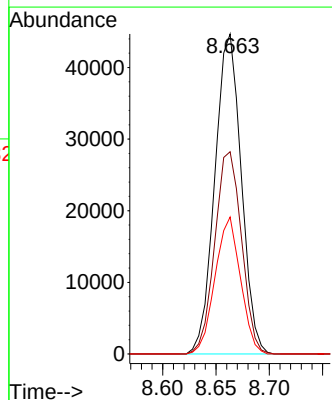
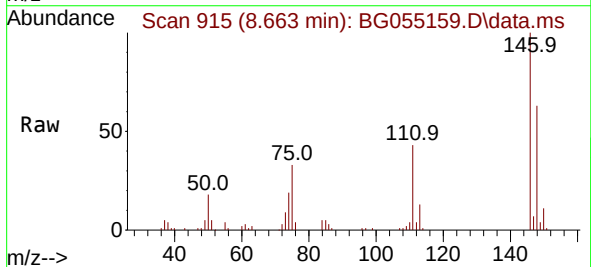
Instrument :
BNA_G
ClientSampleId :
PB148265BS

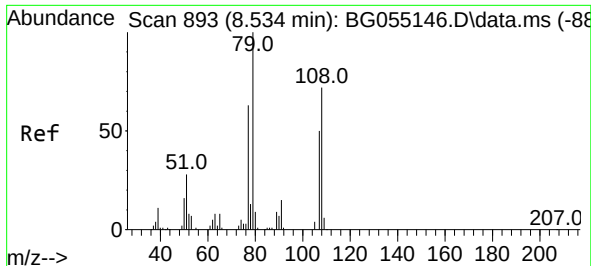
Tgt Ion:146 Resp: 78145
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.2
111 41.1 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 40.872 ng
RT: 8.663 min Scan# 915
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:146 Resp: 76928
Ion Ratio Lower Upper
146 100
148 63.2 51.7 77.5
111 42.8 32.1 48.1

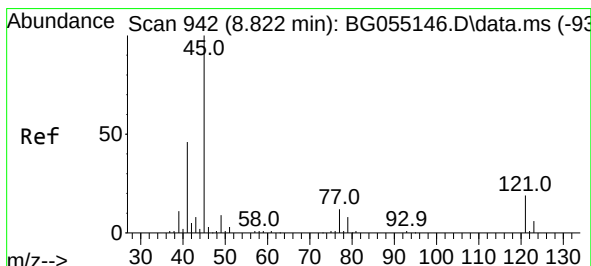
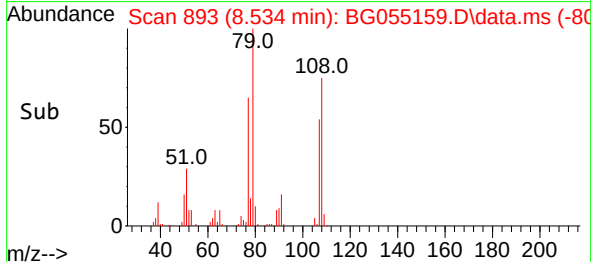
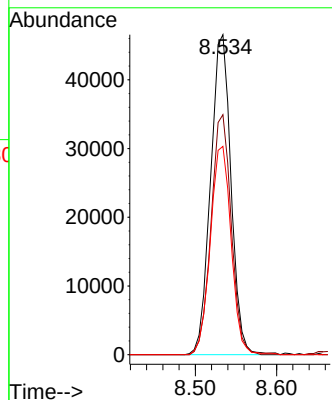
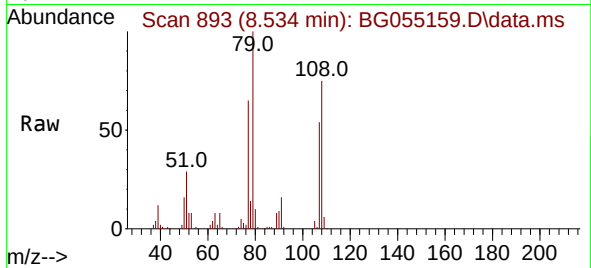




#15
Benzyl Alcohol
Concen: 44.693 ng
RT: 8.534 min Scan# 893
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

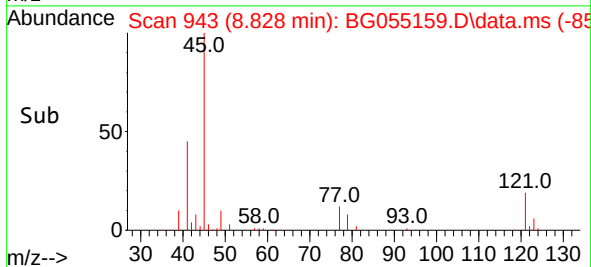
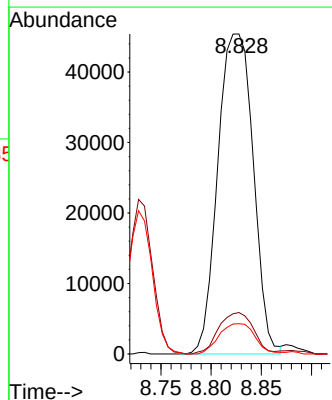
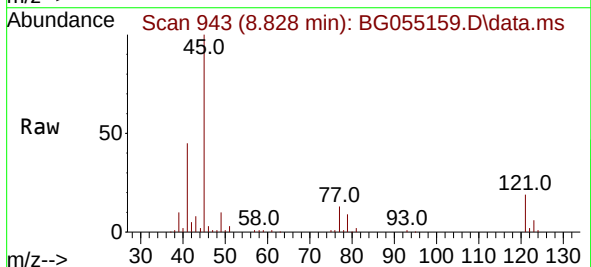
Instrument :
BNA_G
ClientSampleId :
PB148265BS

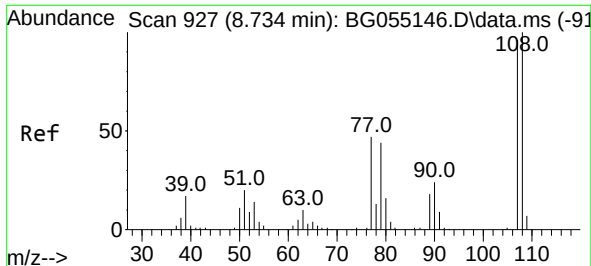
Tgt Ion: 79 Resp: 81180
Ion Ratio Lower Upper
79 100
108 75.0 58.0 87.0
77 65.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.763 ng
RT: 8.828 min Scan# 943
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion: 45 Resp: 111464
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.0
79 9.5 0.0 28.6

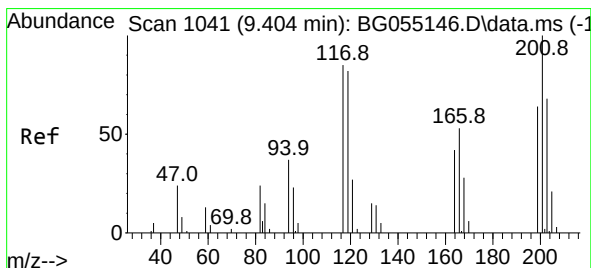
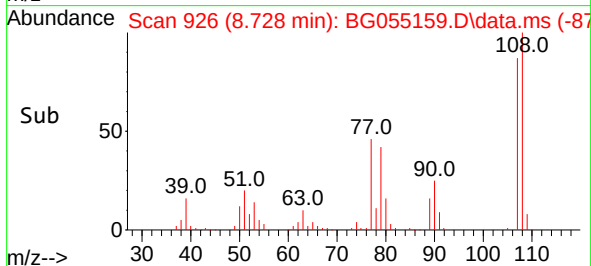
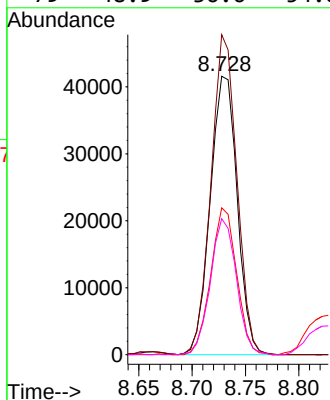
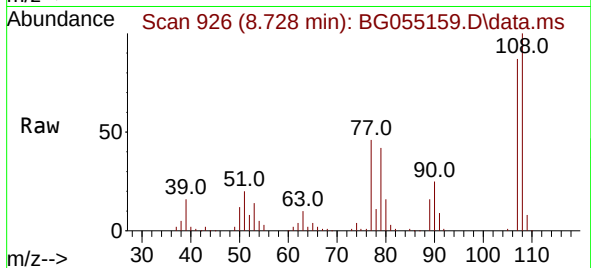




#17
2-Methylphenol
Concen: 45.006 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

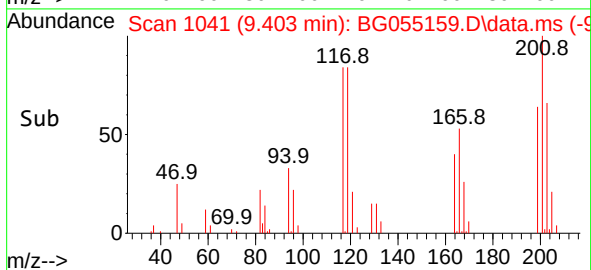
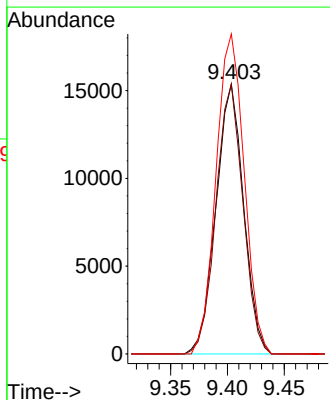
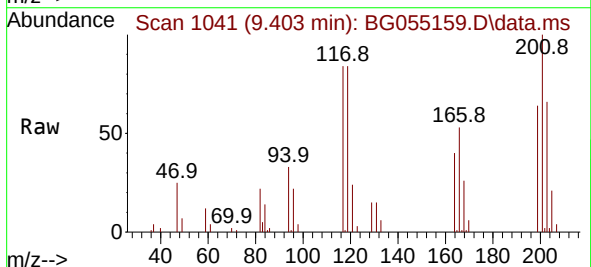
Instrument :
BNA_G
ClientSampleId :
PB148265BS

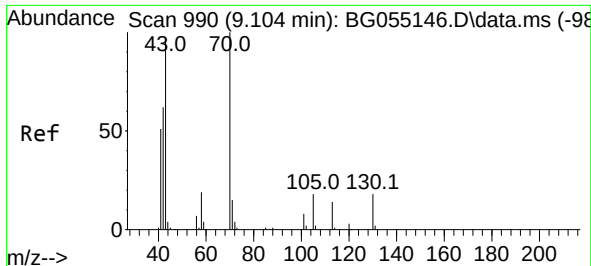
Tgt Ion:	107	Resp:	73093
Ion	Ratio	Lower	Upper
107	100		
108	115.0	83.4	125.0
77	52.8	39.0	58.6
79	48.9	36.6	54.8



#18
Hexachloroethane
Concen: 39.067 ng
RT: 9.403 min Scan# 1041
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:	117	Resp:	26029
Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.8	115.2
201	116.8	93.8	140.8

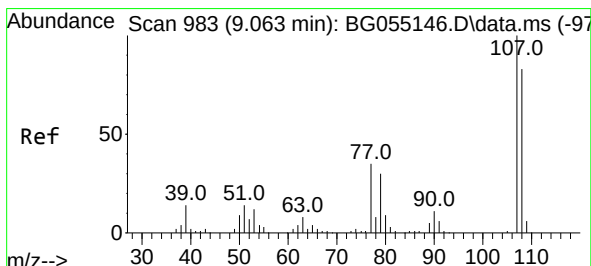
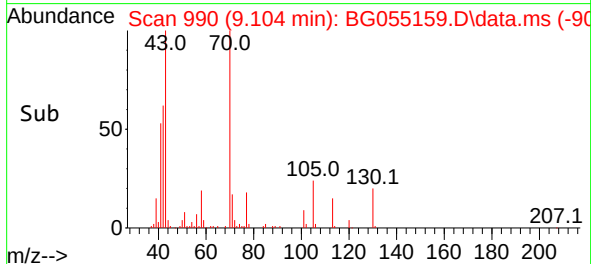
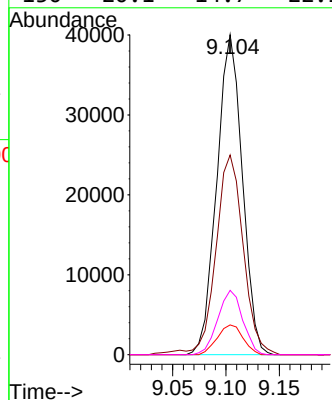
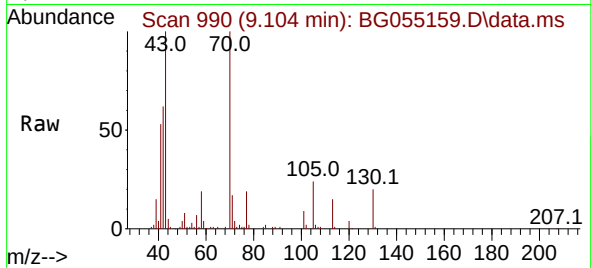




#19
n-Nitroso-di-n-propylamine
Concen: 40.628 ng
RT: 9.104 min Scan# 990
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

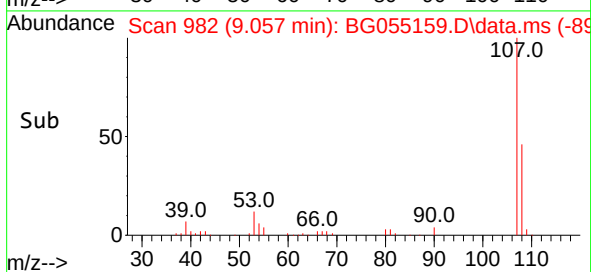
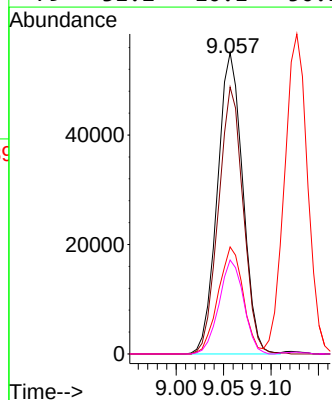
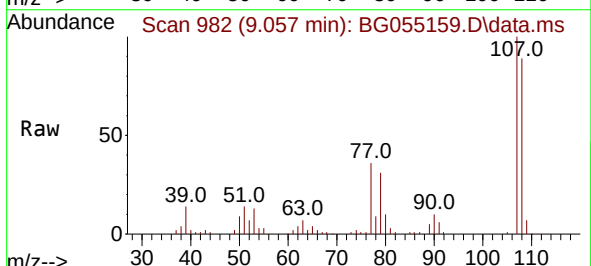
Instrument :
BNA_G
ClientSampleId :
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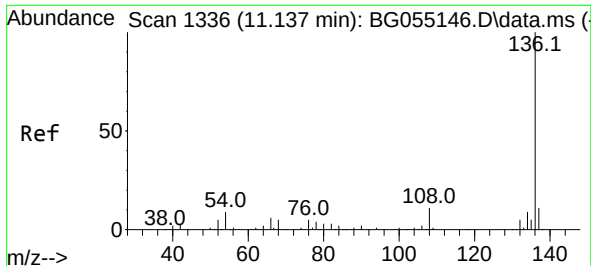
Tgt Ion:	70	Resp:	66619
Ion	Ratio	Lower	Upper
70	100		
42	62.4	50.1	75.1
101	9.3	6.6	10.0
130	20.1	14.7	22.1



#20
3+4-Methylphenols
Concen: 43.932 ng
RT: 9.057 min Scan# 982
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:	107	Resp:	102370
Ion	Ratio	Lower	Upper
107	100		
108	88.6	63.1	103.1
77	35.6	15.1	55.1
79	31.2	10.1	50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.131 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

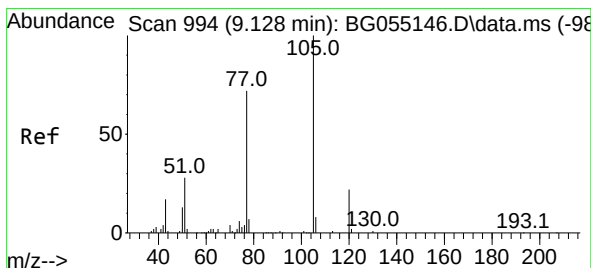
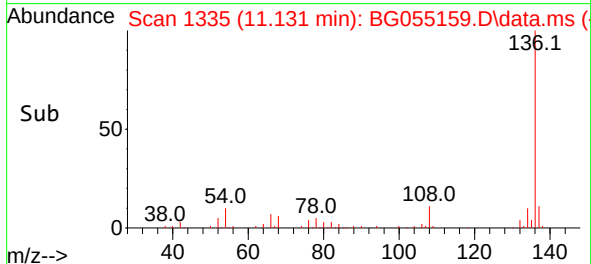
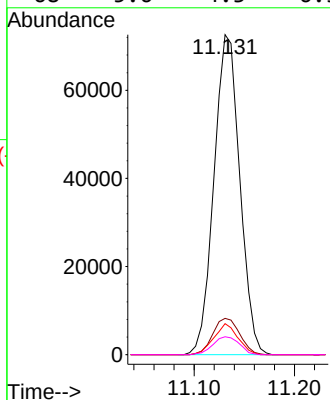
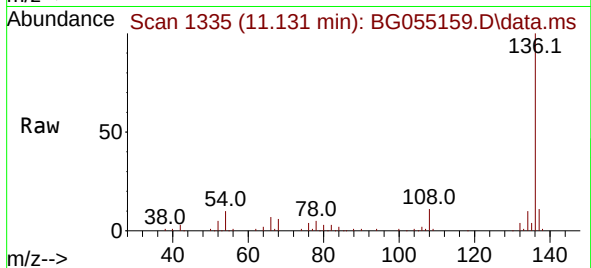
Instrument :

BNA_G

ClientSampleId :

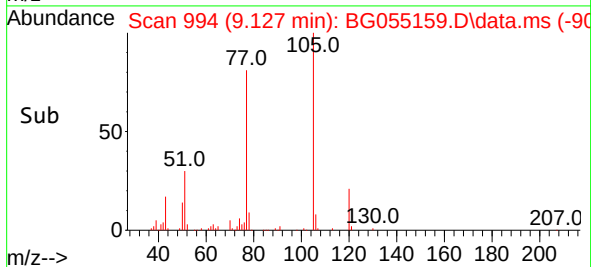
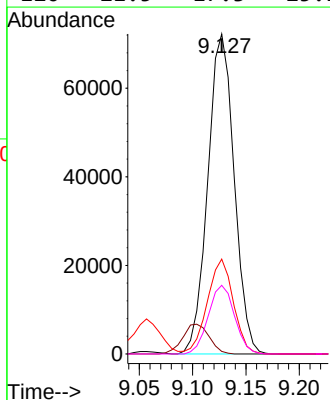
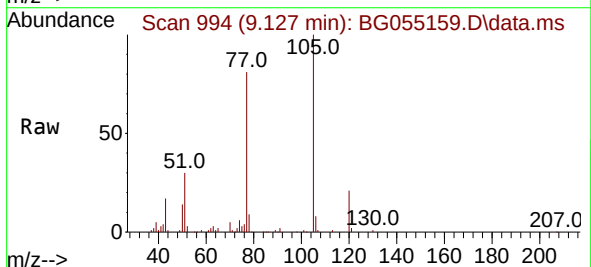
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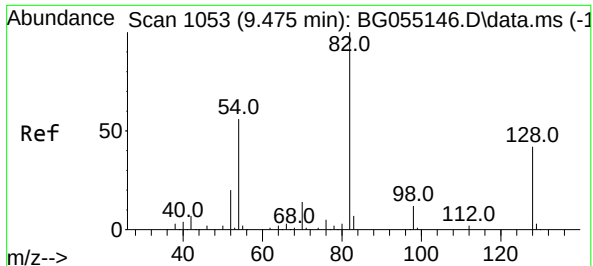
Tgt Ion:136 Resp: 129666
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.7 7.0 10.6
68 5.6 4.3 6.5



#22
Acetophenone
Concen: 38.681 ng
RT: 9.127 min Scan# 994
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:105 Resp: 124185
Ion Ratio Lower Upper
105 100
71 0.8 1.3 1.9#
51 29.7 23.8 35.6
120 21.5 17.3 25.9

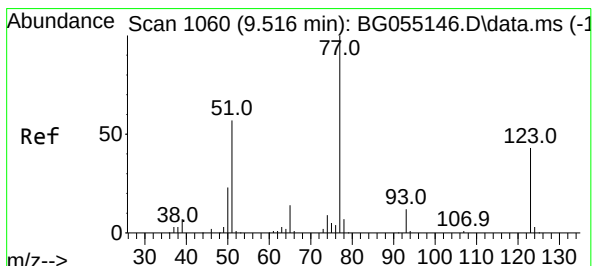
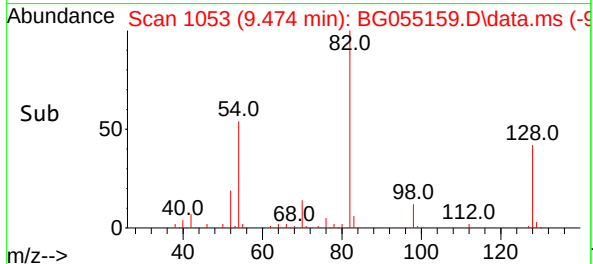
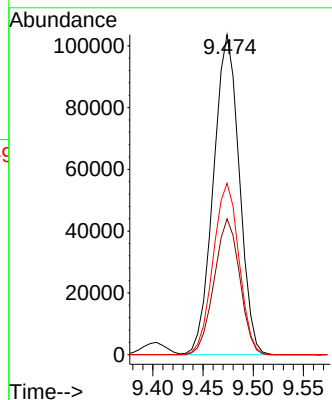
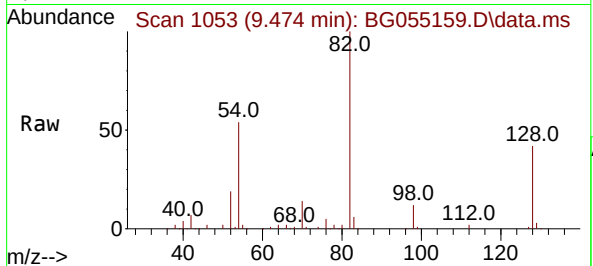




#23
Nitrobenzene-d5
Concen: 76.663 ng
RT: 9.474 min Scan# 1053
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

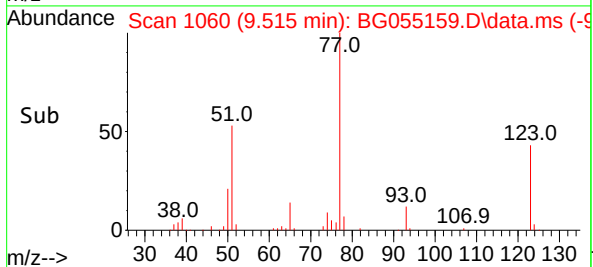
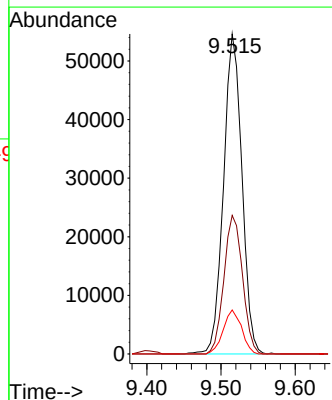
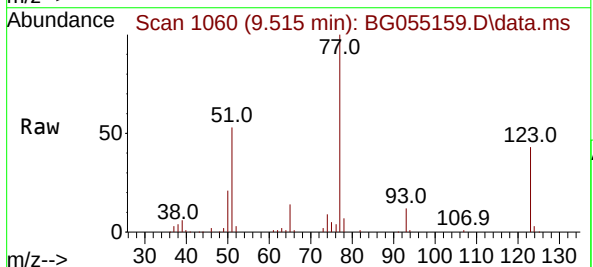
Instrument :
BNA_G
ClientSampleId :
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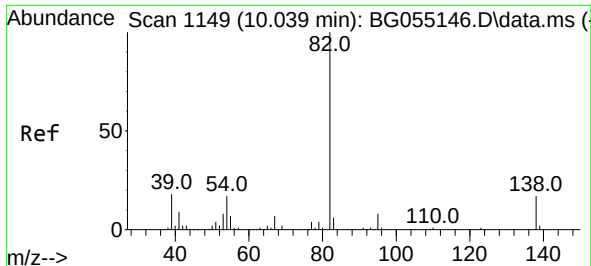
Tgt Ion: 82 Resp: 185375
Ion Ratio Lower Upper
82 100
128 42.5 33.5 50.3
54 53.6 44.7 67.1



#24
Nitrobenzene
Concen: 37.601 ng
RT: 9.515 min Scan# 1060
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion: 77 Resp: 94064
Ion Ratio Lower Upper
77 100
123 43.3 34.2 51.4
65 13.7 11.4 17.0

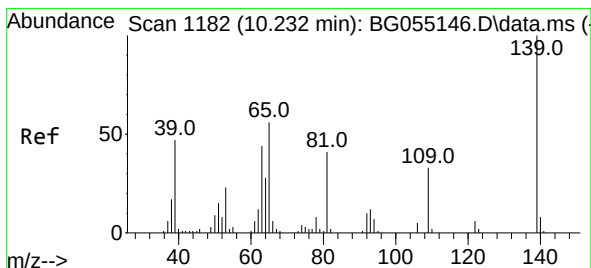
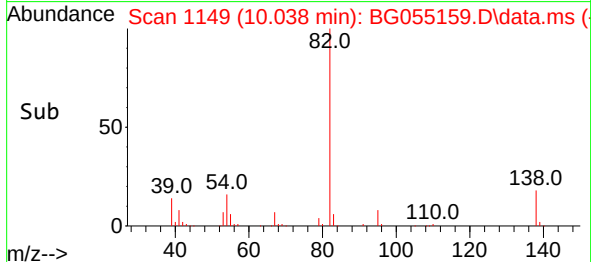
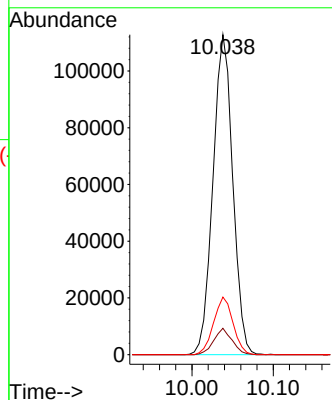
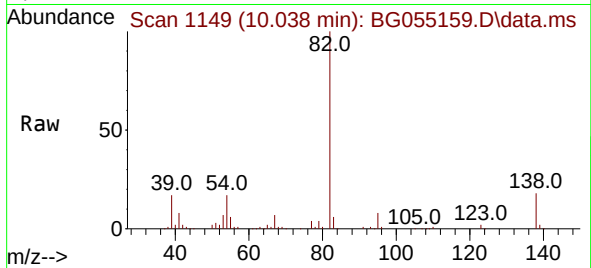




#25
Isophorone
Concen: 40.631 ng
RT: 10.038 min Scan# 1149
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

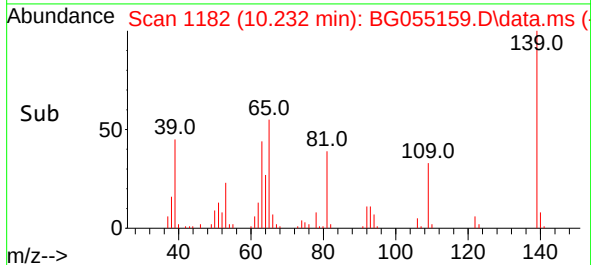
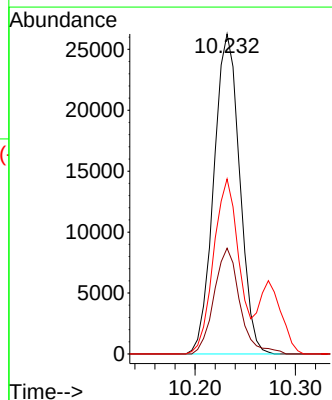
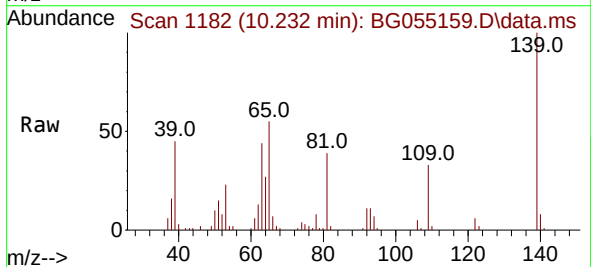
Instrument :
BNA_G
ClientSampleId :
PB148265BS

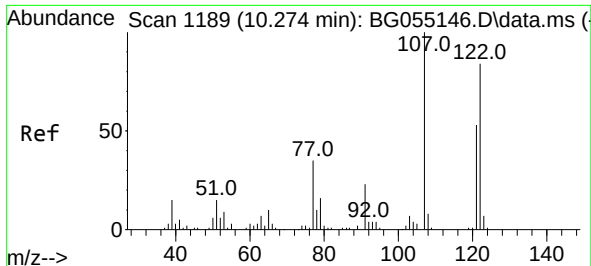
Tgt Ion: 82 Resp: 190798
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 18.0 13.8 20.6



#26
2-Nitrophenol
Concen: 39.637 ng
RT: 10.232 min Scan# 1182
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:139 Resp: 46980
Ion Ratio Lower Upper
139 100
109 33.0 26.5 39.7
65 54.7 44.4 66.6

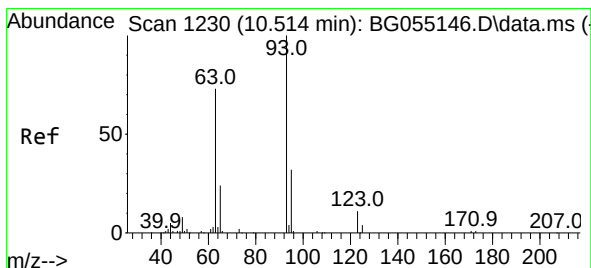
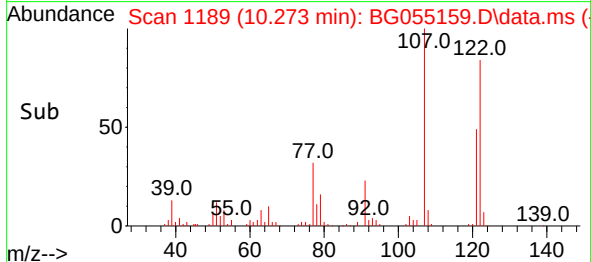
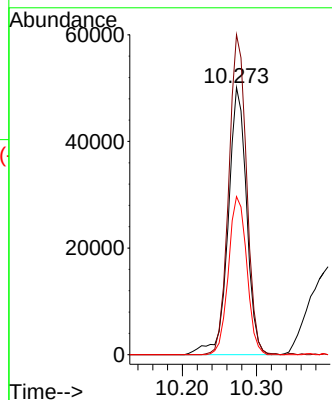
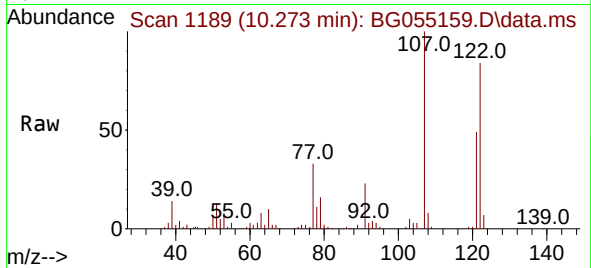




#27
2,4-Dimethylphenol
Concen: 47.858 ng
RT: 10.273 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

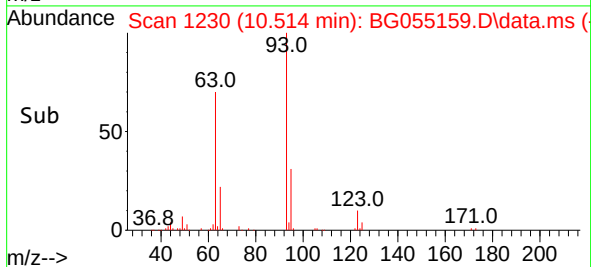
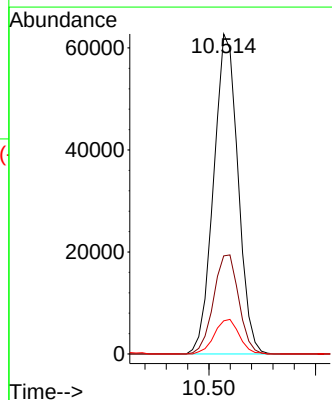
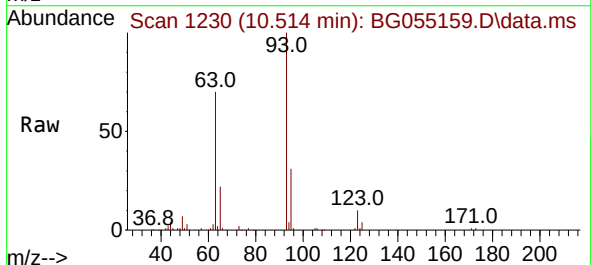
Instrument :
BNA_G
ClientSampleId :
PB148265BS

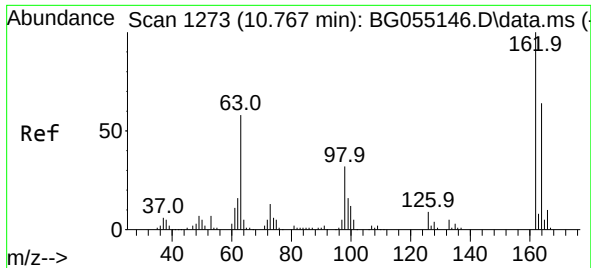
Tgt Ion:122 Resp: 86267
Ion Ratio Lower Upper
122 100
107 119.7 95.3 142.9
121 59.2 50.4 75.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.776 ng
RT: 10.514 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion: 93 Resp: 99548
Ion Ratio Lower Upper
93 100
95 30.7 26.0 39.0
123 10.4 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 41.084 ng

RT: 10.767 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

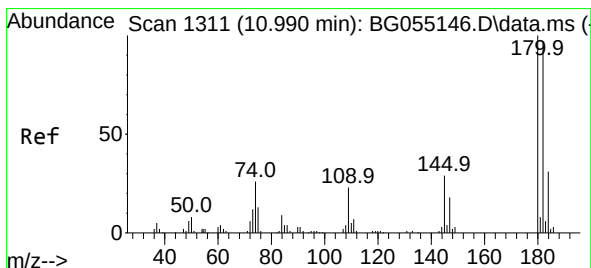
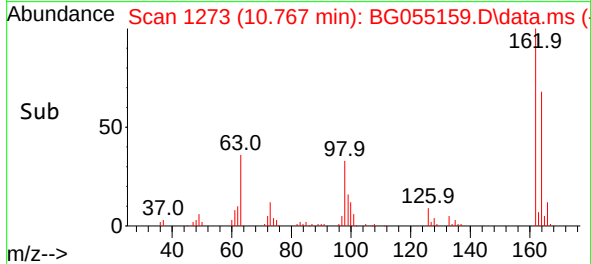
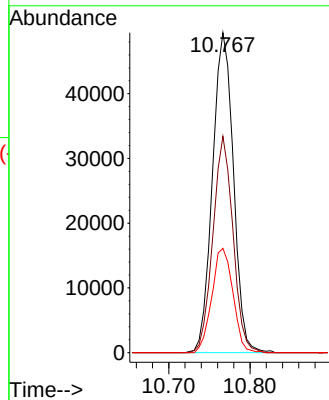
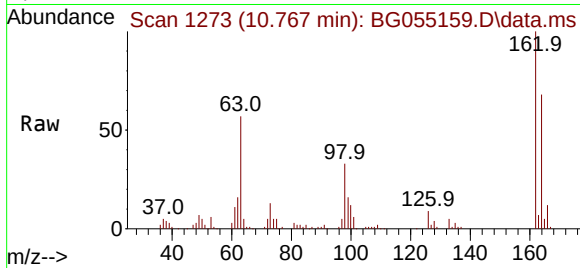
Tgt Ion:162 Resp: 88510

Ion Ratio Lower Upper

162 100

164 67.6 43.6 83.6

98 32.6 12.3 52.3



#30

1,2,4-Trichlorobenzene

Concen: 35.853 ng

RT: 10.990 min Scan# 1311

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

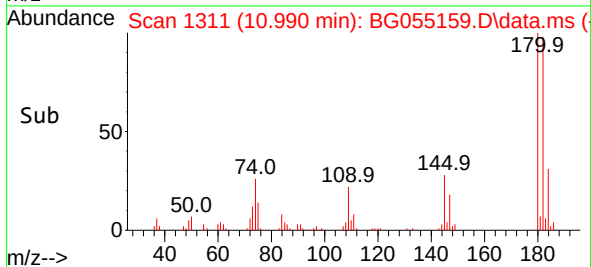
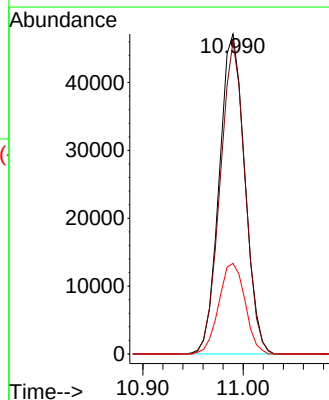
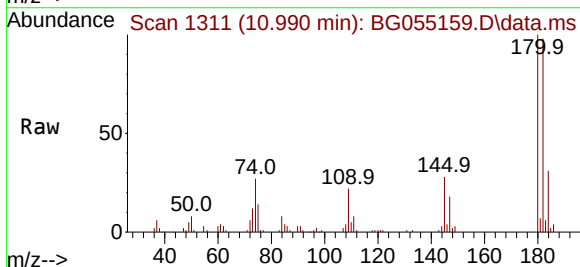
Tgt Ion:180 Resp: 83320

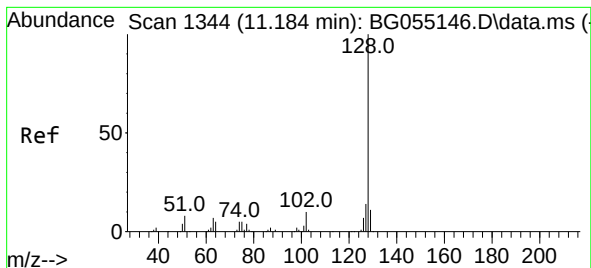
Ion Ratio Lower Upper

180 100

182 97.6 77.2 115.8

145 28.3 22.8 34.2

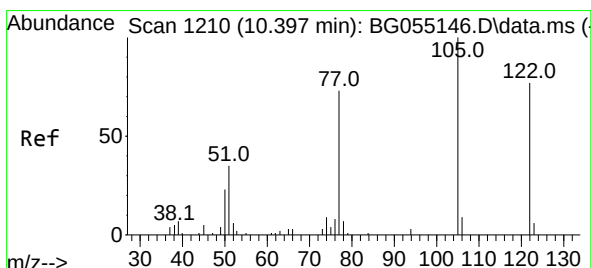
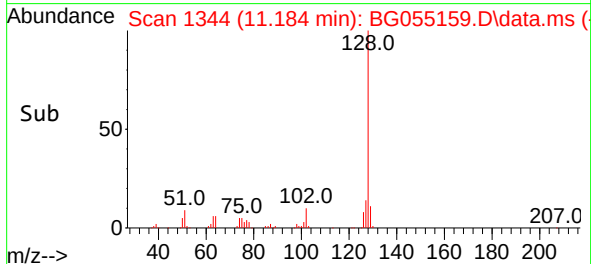
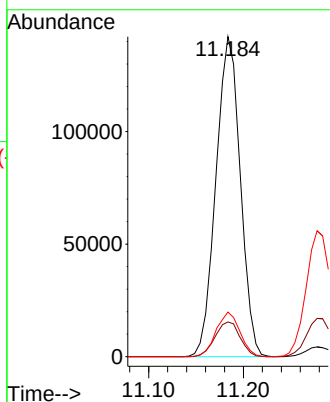
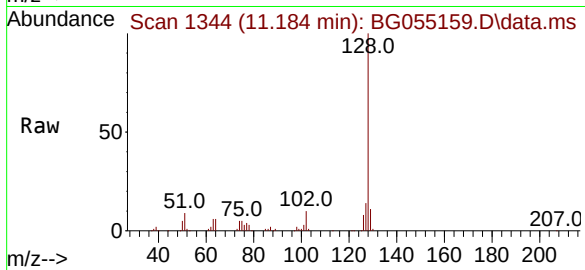




#31
Naphthalene
Concen: 37.229 ng
RT: 11.184 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

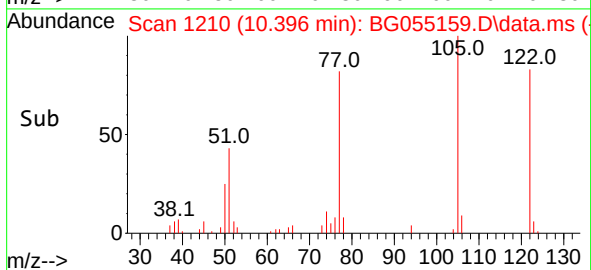
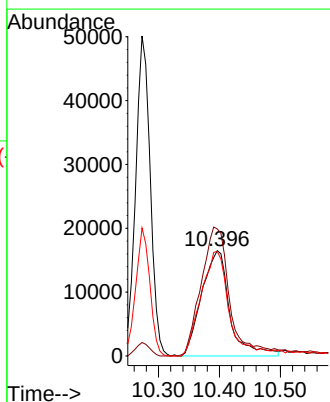
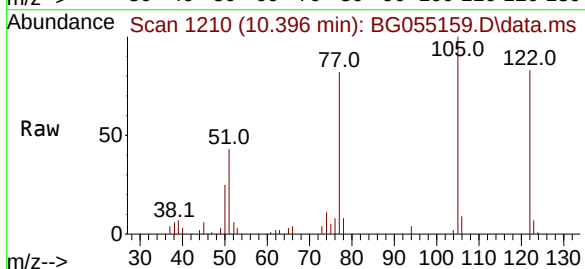
Instrument :
BNA_G
ClientSampleId :
PB148265BS

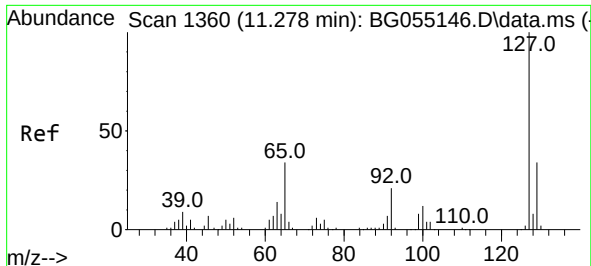
Tgt Ion:128 Resp: 253874
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 35.526 ng
RT: 10.396 min Scan# 1210
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

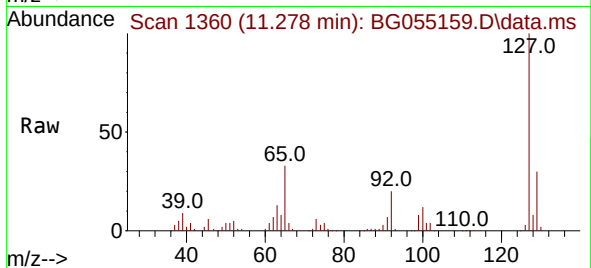
Tgt Ion:122 Resp: 52977
Ion Ratio Lower Upper
122 100
105 120.7 107.2 147.2
77 99.4 74.2 114.2



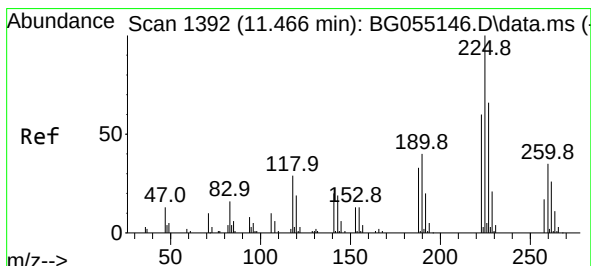
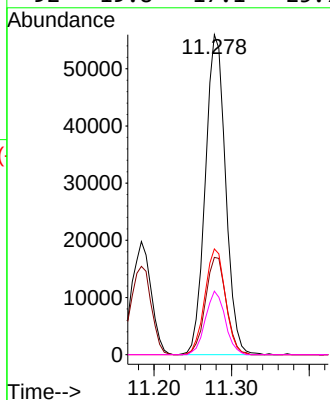
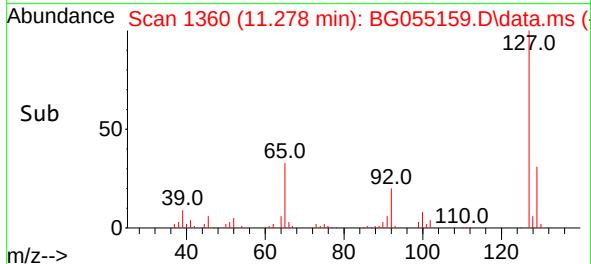


#33
4-Chloroaniline
Concen: 34.781 ng
RT: 11.278 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

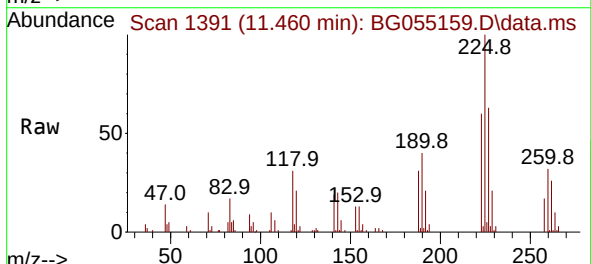
Instrument :
BNA_G
ClientSampleId :
PB148265BS



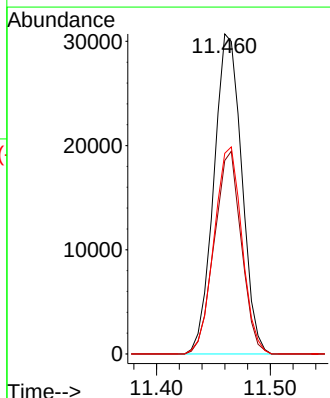
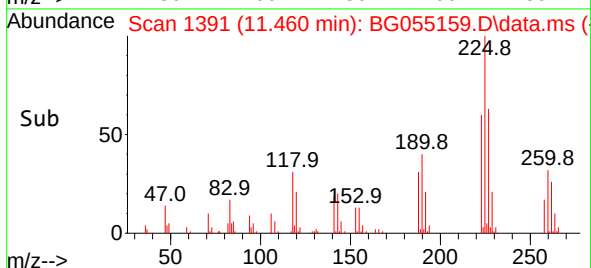
Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.4	27.0	40.4
65	33.0	27.4	41.2
92	19.8	17.1	25.7

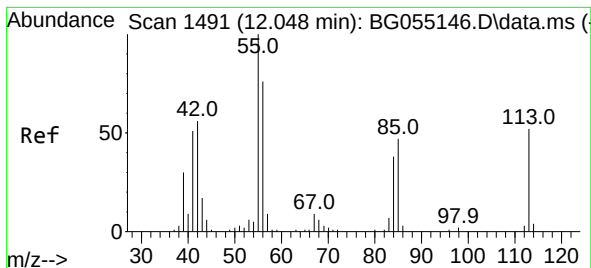


#34
Hexachlorobutadiene
Concen: 35.344 ng
RT: 11.460 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	48.2	72.4
227	62.7	52.5	78.7





#35

Caprolactam

Concen: 22.998 ng

RT: 12.042 min Scan# 1491

Delta R.T. -0.006 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

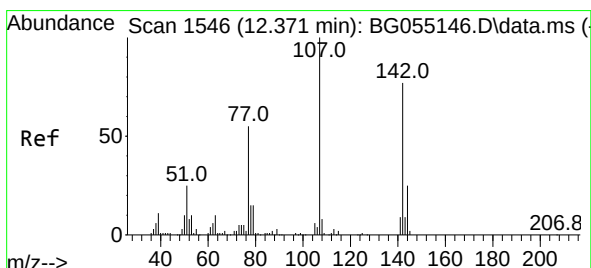
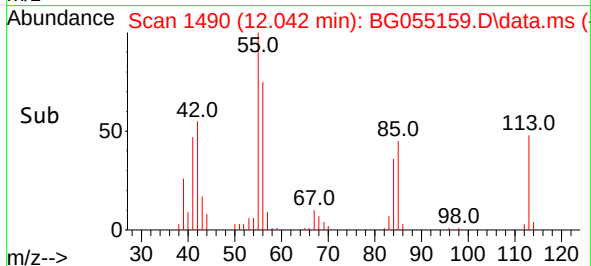
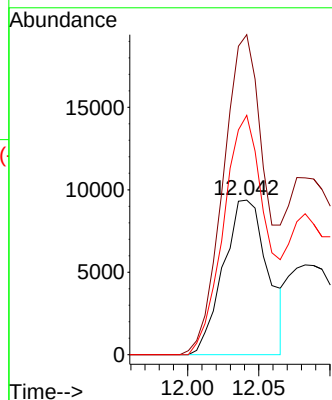
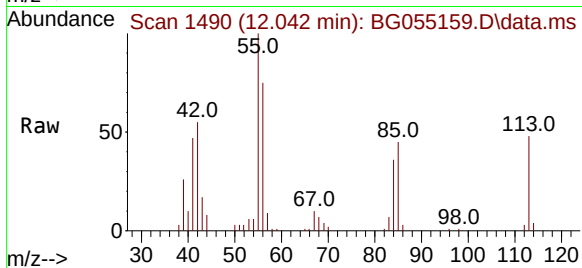
Tgt Ion:113 Resp: 20354

Ion Ratio Lower Upper

113 100

55 207.1 172.1 212.1

56 155.0 126.0 166.0



#36

4-Chloro-3-methylphenol

Concen: 44.085 ng

RT: 12.371 min Scan# 1546

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

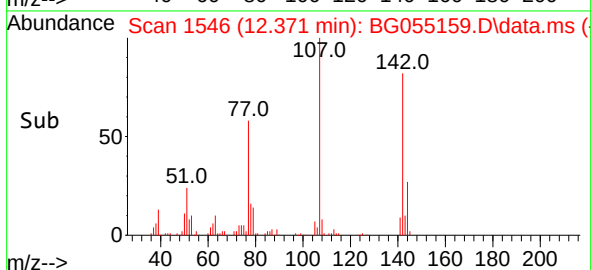
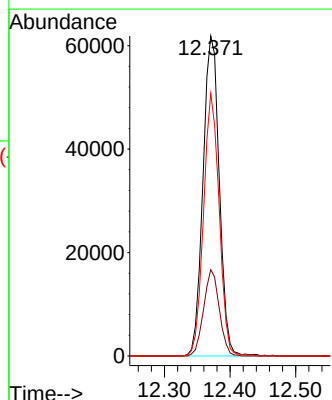
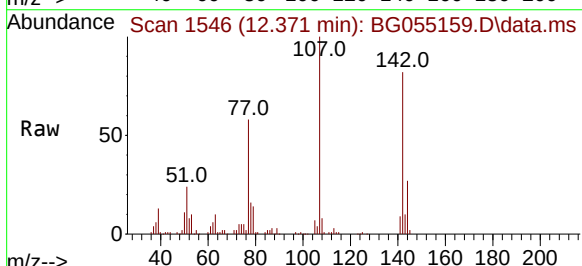
Tgt Ion:107 Resp: 107103

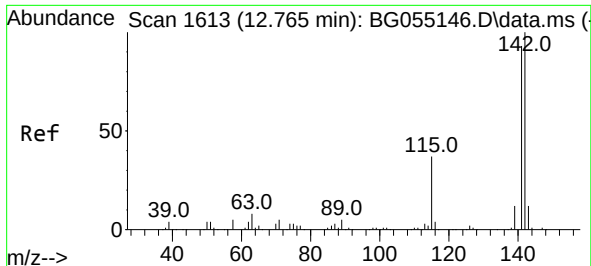
Ion Ratio Lower Upper

107 100

144 26.9 19.8 29.8

142 82.1 61.9 92.9

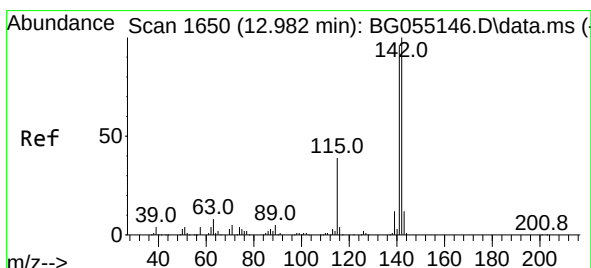
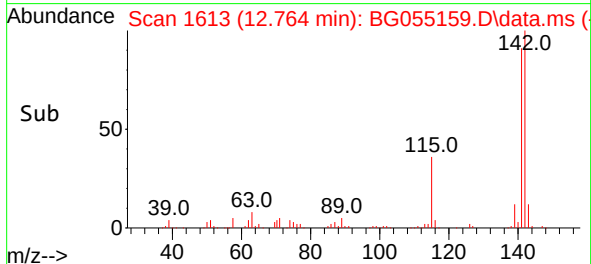
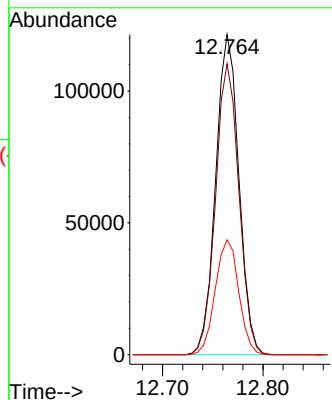
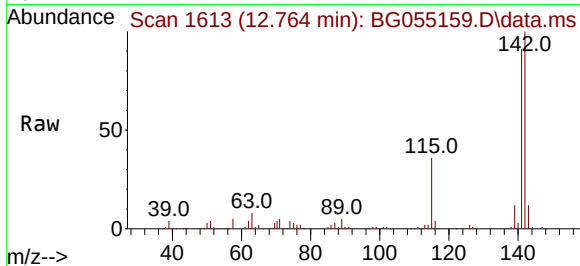




#37
2-Methylnaphthalene
Concen: 38.172 ng
RT: 12.764 min Scan# 1613
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

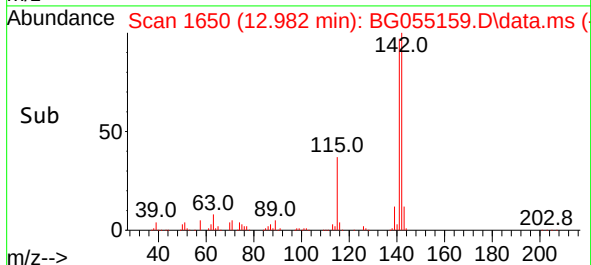
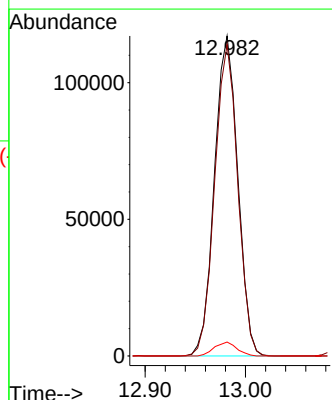
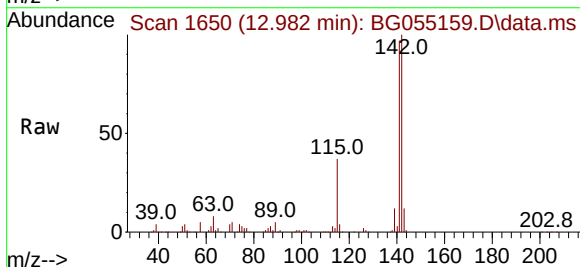
Instrument :
BNA_G
ClientSampleId :
PB148265BS

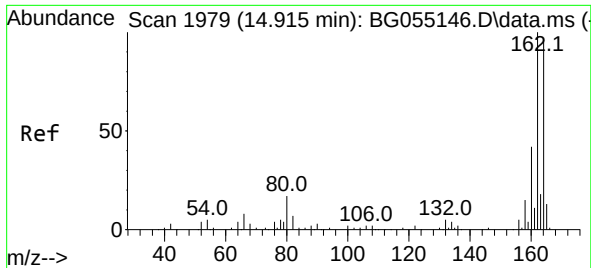
Tgt Ion:142 Resp: 194925
Ion Ratio Lower Upper
142 100
141 90.9 74.8 112.2
115 35.9 29.8 44.6



#38
1-Methylnaphthalene
Concen: 37.914 ng
RT: 12.982 min Scan# 1650
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:142 Resp: 188895
Ion Ratio Lower Upper
142 100
141 97.4 76.9 115.3
116 4.4 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.915 min Scan# 1979
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

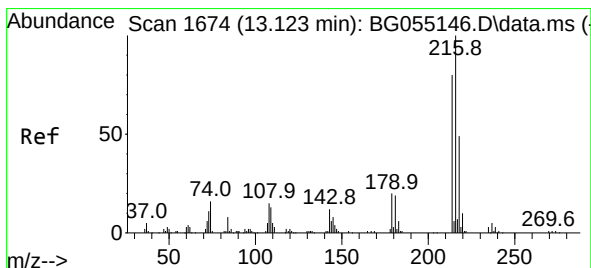
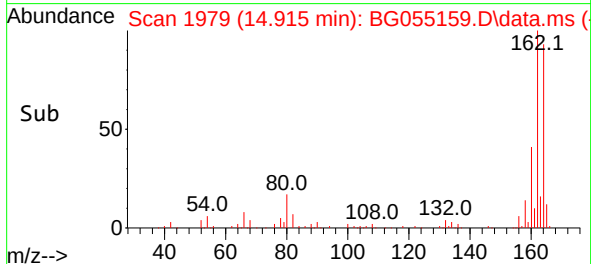
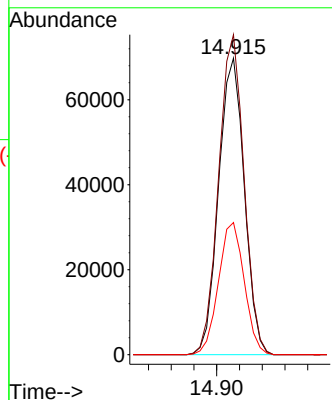
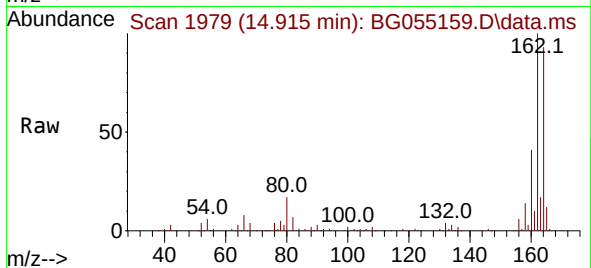
Instrument :

BNA_G

ClientSampleId :

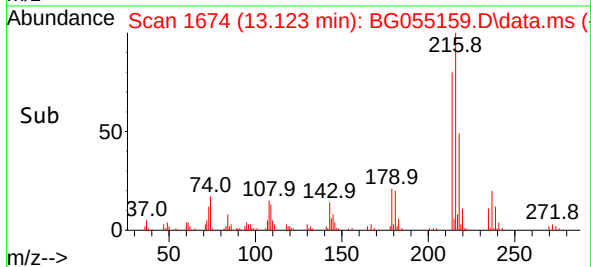
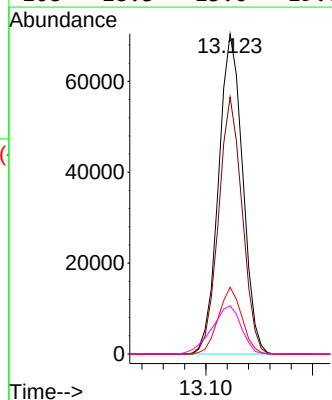
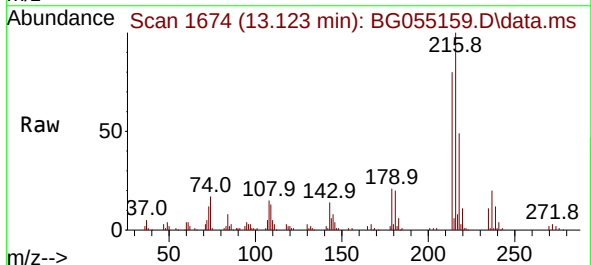
PB148265BS

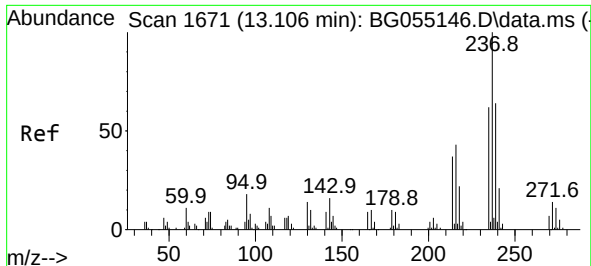
Tgt Ion:164 Resp: 109473
Ion Ratio Lower Upper
164 100
162 107.9 83.3 124.9
160 44.6 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.836 ng
RT: 13.123 min Scan# 1674
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

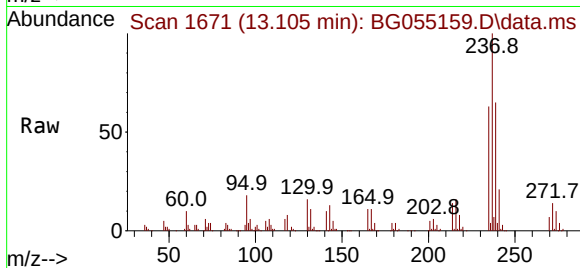
Tgt Ion:216 Resp: 110650
Ion Ratio Lower Upper
216 100
214 78.4 63.1 94.7
179 20.2 16.1 24.1
108 18.3 13.0 19.6



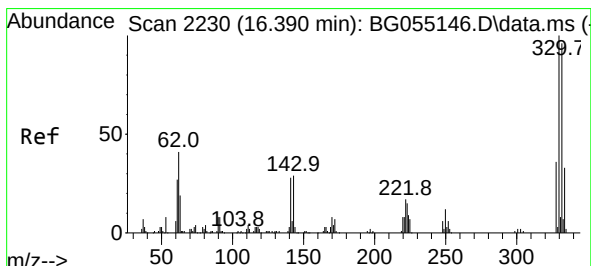
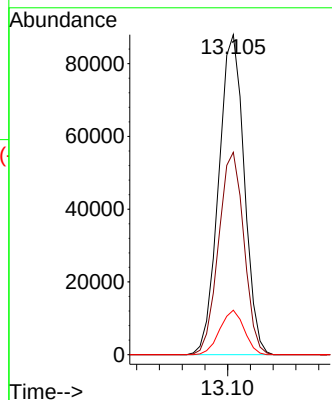
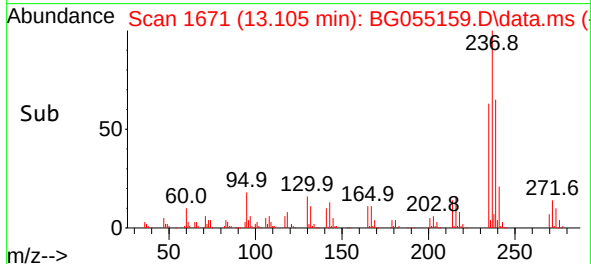


#41
Hexachlorocyclopentadiene
Concen: 88.986 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

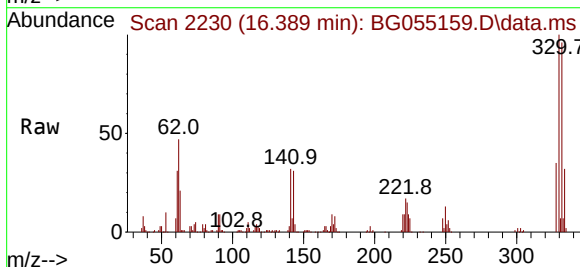
Instrument :
BNA_G
ClientSampleId :
PB148265BS



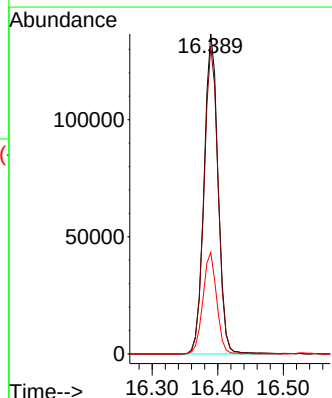
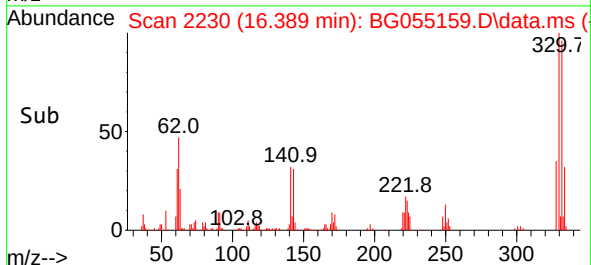
Tgt Ion:237 Resp: 137289
Ion Ratio Lower Upper
237 100
235 63.3 41.8 81.8
272 13.9 0.0 34.3

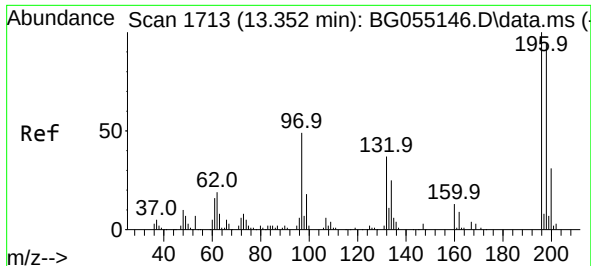


#42
2,4,6-Tribromophenol
Concen: 129.285 ng
RT: 16.389 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28



Tgt Ion:330 Resp: 203366
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 31.0 24.6 36.8

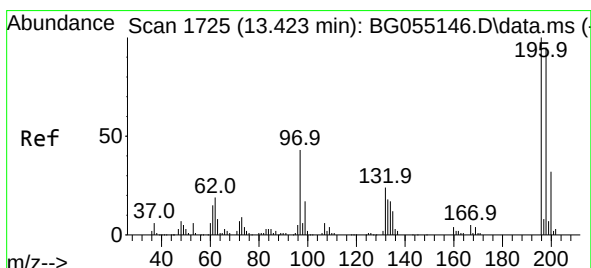
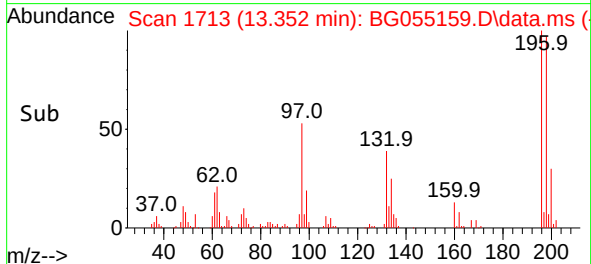
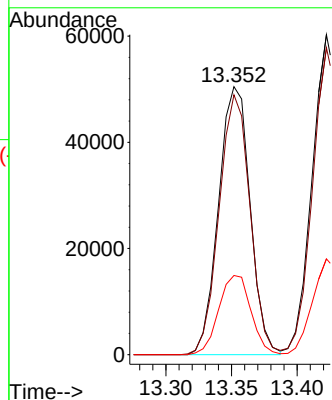
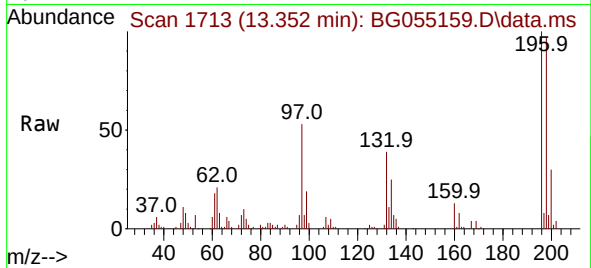




#43
2,4,6-Trichlorophenol
Concen: 37.577 ng
RT: 13.352 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

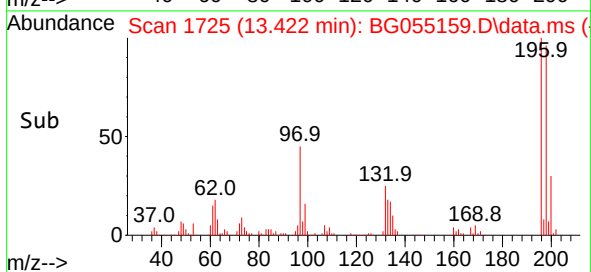
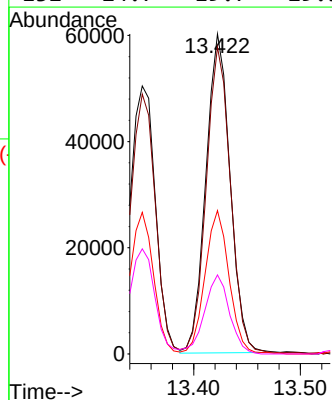
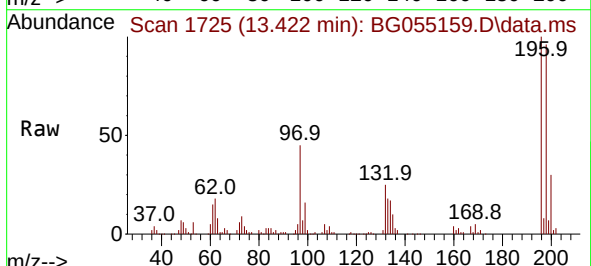
Instrument :
BNA_G
ClientSampleId :
PB148265BS

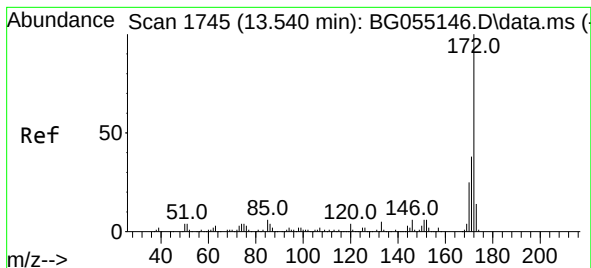
Tgt Ion:196 Resp: 84331
Ion Ratio Lower Upper
196 100
198 97.0 75.0 112.6
200 29.6 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 38.127 ng
RT: 13.422 min Scan# 1725
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:196 Resp: 94947
Ion Ratio Lower Upper
196 100
198 95.9 76.0 114.0
97 44.8 34.7 52.1
132 24.7 19.7 29.5





#45

2-Fluorobiphenyl

Concen: 73.412 ng

RT: 13.546 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

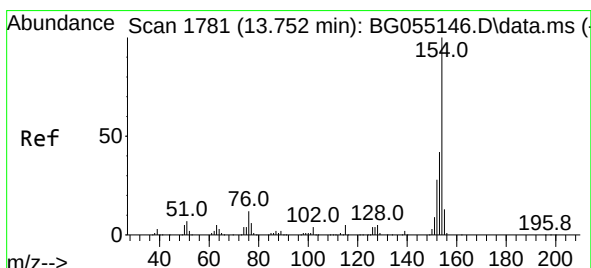
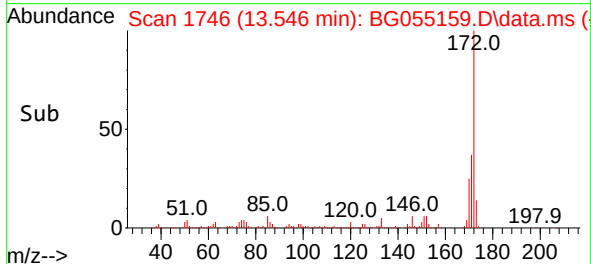
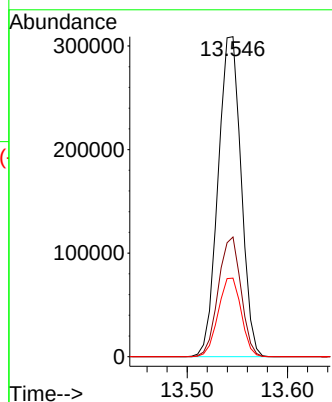
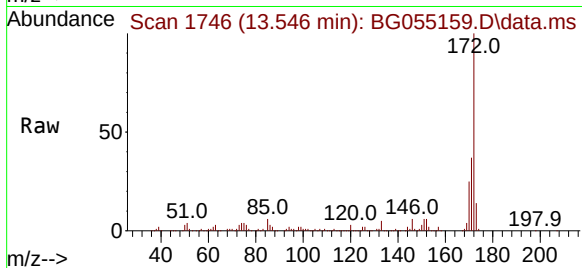
Tgt Ion:172 Resp: 491973

Ion Ratio Lower Upper

172 100

171 37.4 30.1 45.1

170 24.5 19.8 29.6



#46

1,1'-Biphenyl

Concen: 38.051 ng

RT: 13.751 min Scan# 1781

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

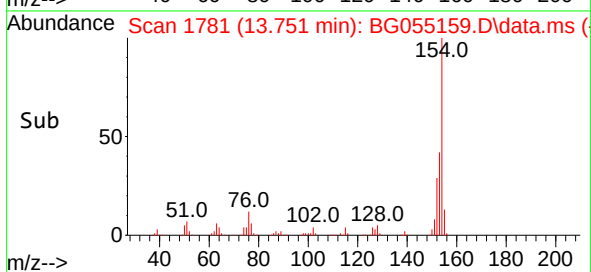
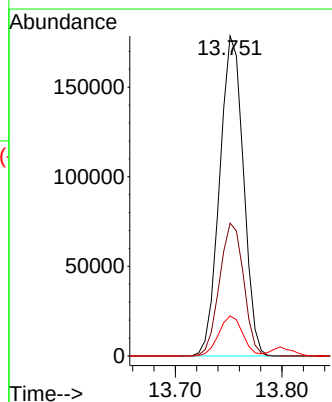
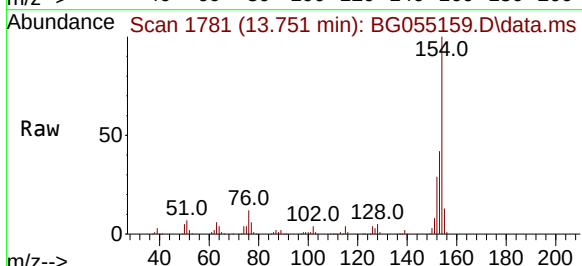
Tgt Ion:154 Resp: 276557

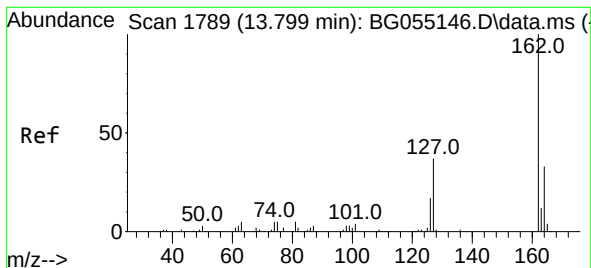
Ion Ratio Lower Upper

154 100

153 41.5 22.0 62.0

76 12.5 0.0 32.1

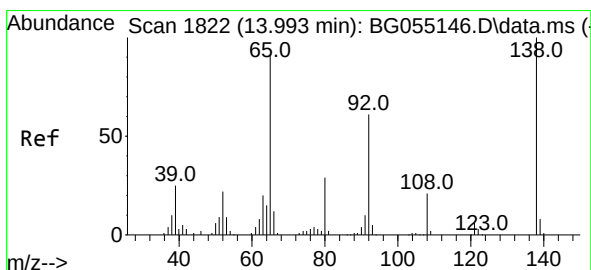
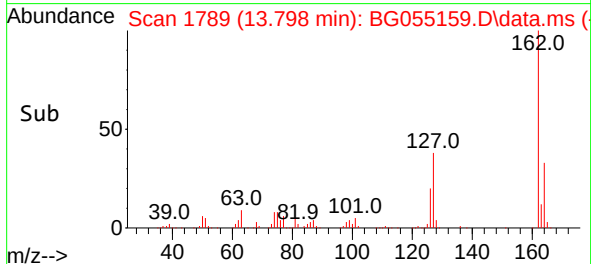
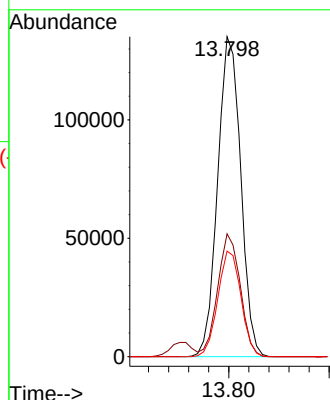
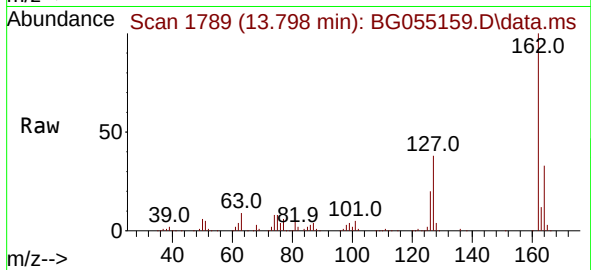




#47
2-Chloronaphthalene
Concen: 36.626 ng
RT: 13.798 min Scan# 1789
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

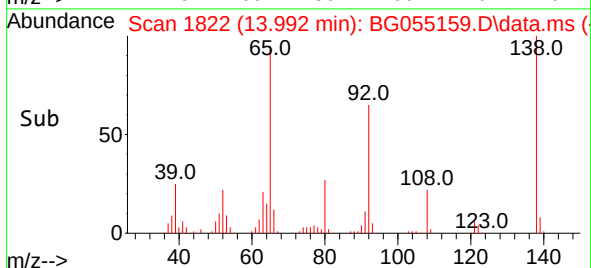
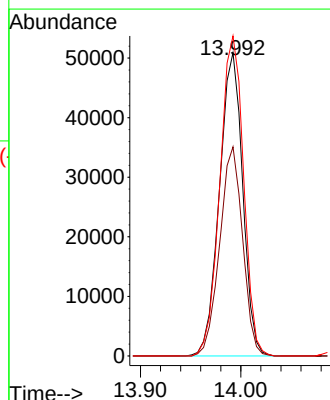
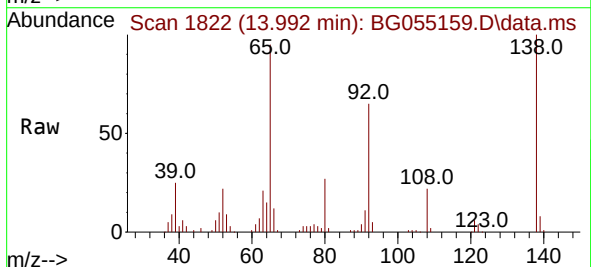
Instrument :
BNA_G
ClientSampleId :
PB148265BS

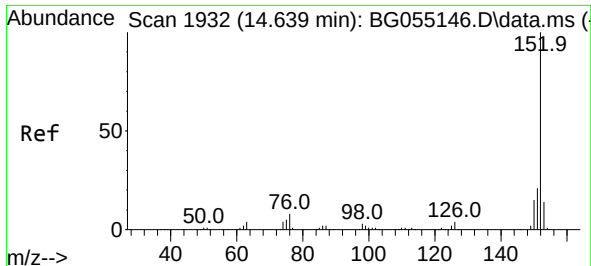
Tgt Ion:162 Resp: 215332
Ion Ratio Lower Upper
162 100
127 38.4 31.0 46.4
164 33.0 26.6 39.8



#48
2-Nitroaniline
Concen: 38.917 ng
RT: 13.992 min Scan# 1822
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

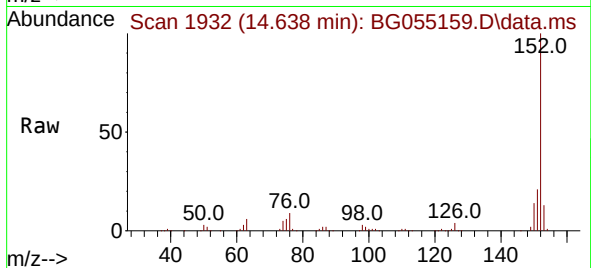
Tgt Ion: 65 Resp: 81627
Ion Ratio Lower Upper
65 100
92 68.9 53.0 79.4
138 105.5 87.5 131.3



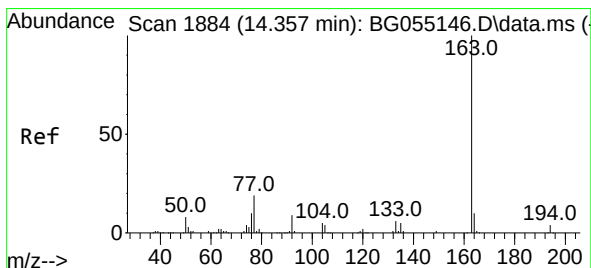
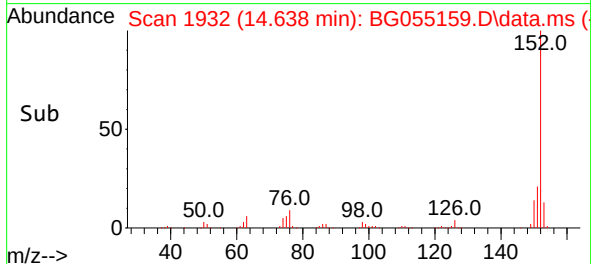
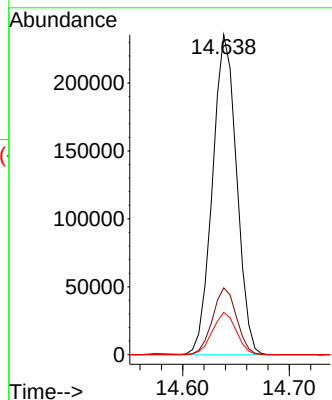


#49
Acenaphthylene
Concen: 37.490 ng
RT: 14.638 min Scan# 1932
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB148265BS

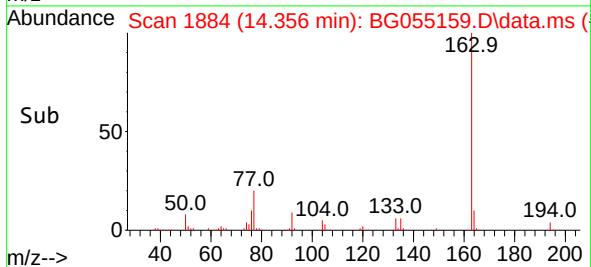
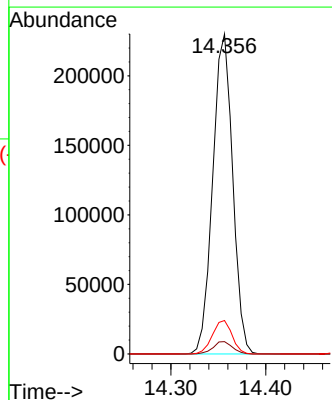
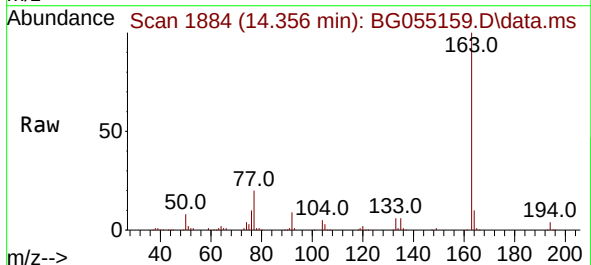


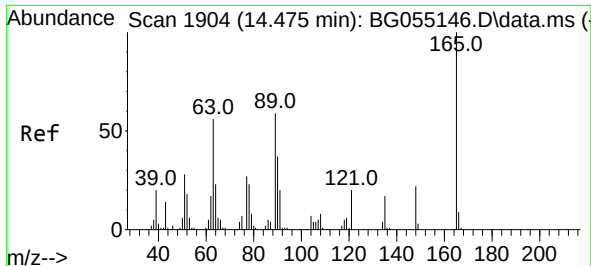
Tgt Ion:152 Resp: 370008
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 13.2 10.8 16.2



#50
Dimethylphthalate
Concen: 38.139 ng
RT: 14.356 min Scan# 1884
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:163 Resp: 335616
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 8.1 12.1

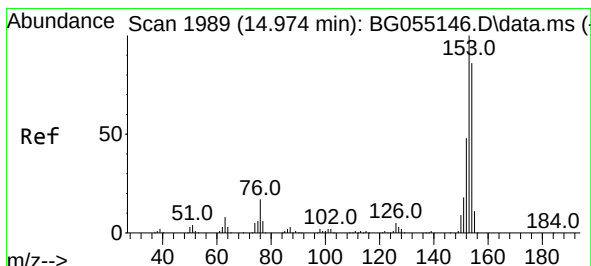
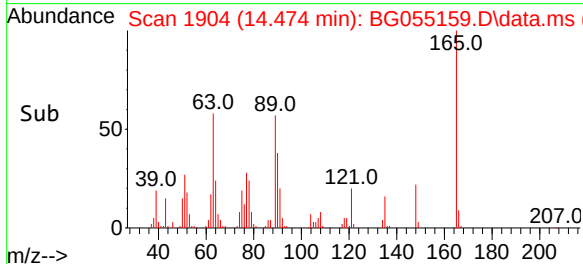
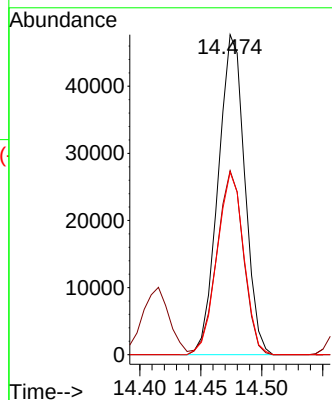
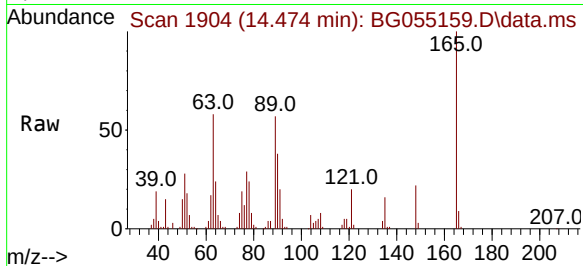




#51
2,6-Dinitrotoluene
Concen: 40.035 ng
RT: 14.474 min Scan# 1904
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

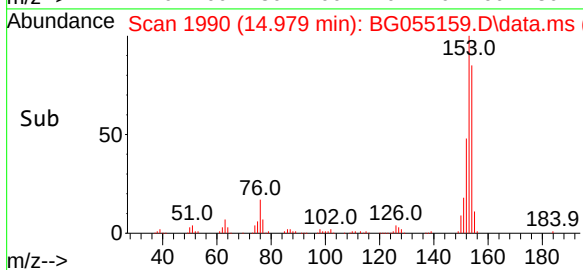
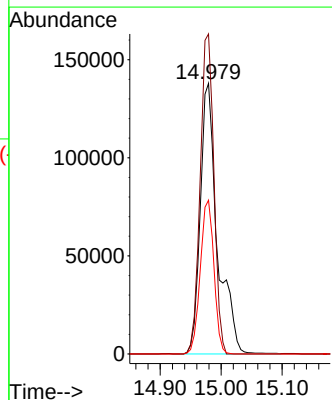
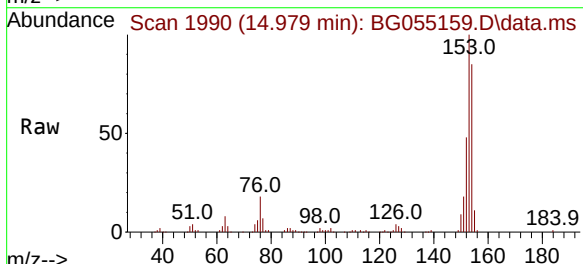
Instrument :
BNA_G
ClientSampleId :
PB148265BS

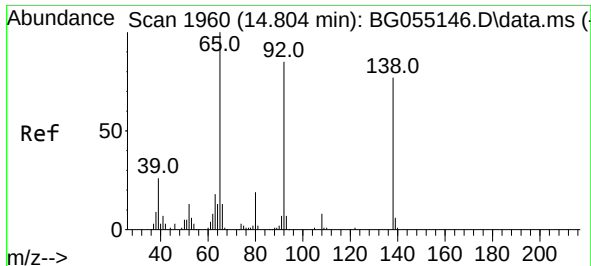
Tgt Ion:165 Resp: 72499
Ion Ratio Lower Upper
165 100
63 57.5 46.6 70.0
89 57.1 47.6 71.4



#52
Acenaphthene
Concen: 42.336 ng
RT: 14.979 min Scan# 1990
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:154 Resp: 270299
Ion Ratio Lower Upper
154 100
153 118.3 93.0 139.4
152 56.8 44.6 66.8

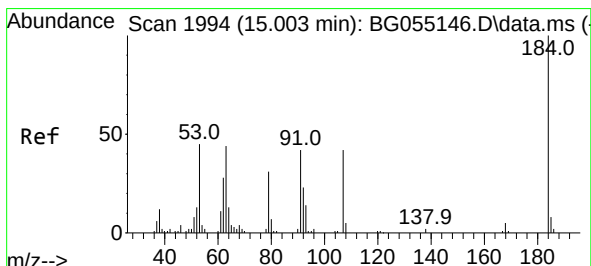
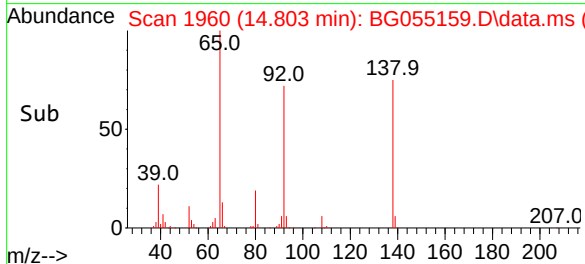
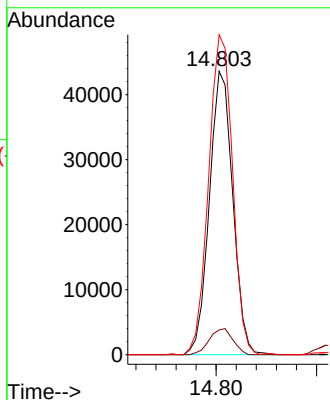
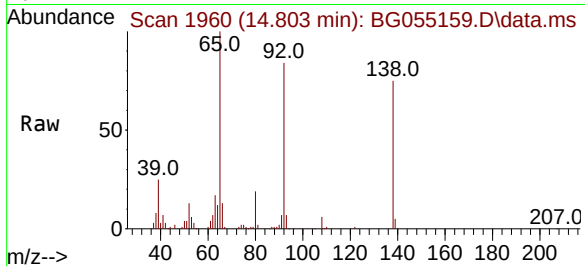




#53
3-Nitroaniline
Concen: 33.615 ng
RT: 14.803 min Scan# 1960
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

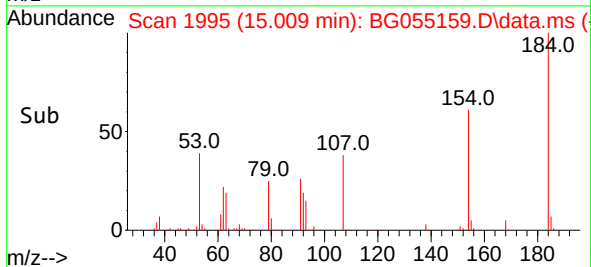
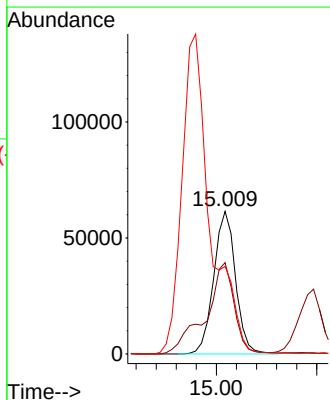
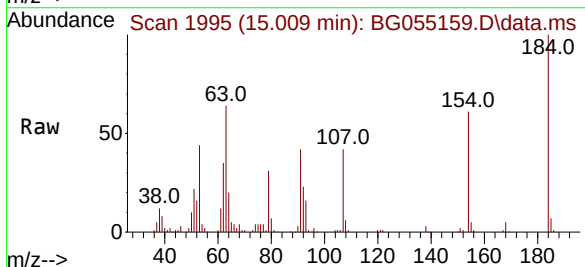
Instrument :
BNA_G
ClientSampleId :
PB148265BS

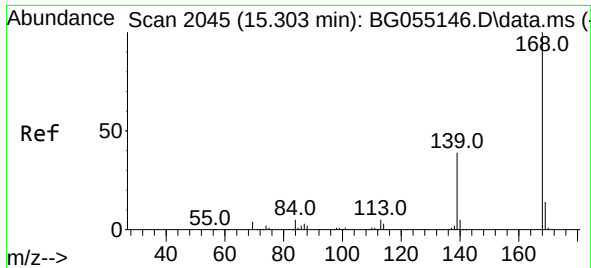
Tgt Ion:138 Resp: 70575
Ion Ratio Lower Upper
138 100
108 8.7 8.6 13.0
92 112.9 88.5 132.7



#54
2,4-Dinitrophenol
Concen: 84.352 ng
RT: 15.009 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:184 Resp: 92920
Ion Ratio Lower Upper
184 100
63 64.1 52.6 78.8
154 61.4 59.1 88.7

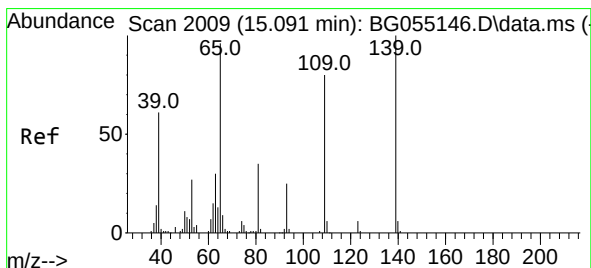
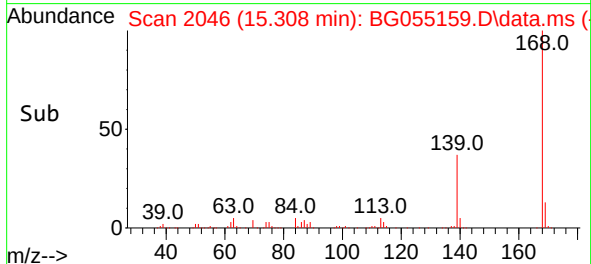
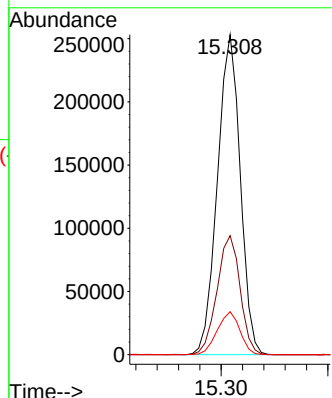
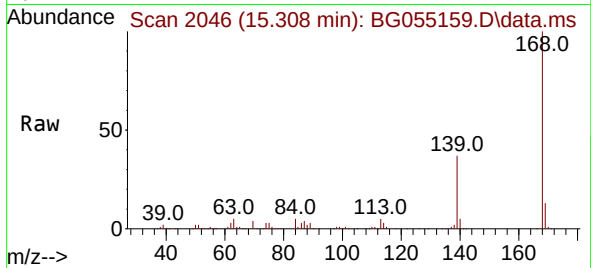




#55
Dibenzofuran
Concen: 37.704 ng
RT: 15.308 min Scan# 2045
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

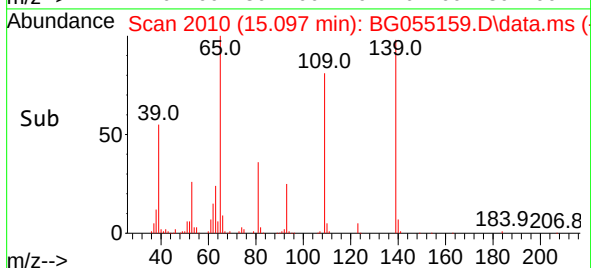
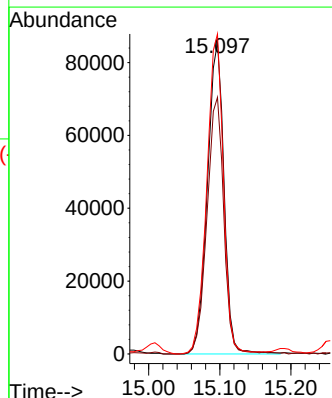
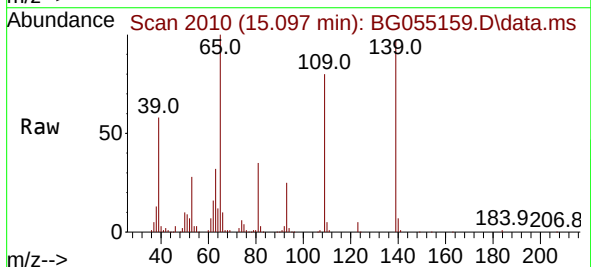
Instrument :
BNA_G
ClientSampleId :
PB148265BS

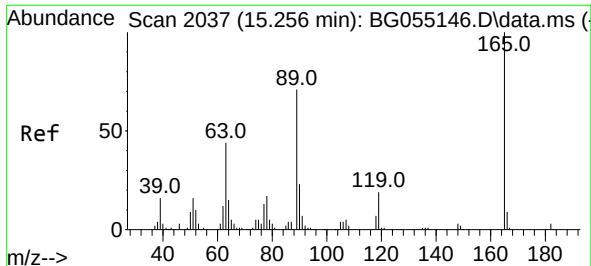
Tgt Ion:168 Resp: 375571
Ion Ratio Lower Upper
168 100
139 37.2 30.9 46.3
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 85.325 ng
RT: 15.097 min Scan# 2010
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:139 Resp: 139499
Ion Ratio Lower Upper
139 100
109 82.4 60.1 100.1
65 102.7 76.1 116.1





#57

2,4-Dinitrotoluene

Concen: 40.734 ng

RT: 15.255 min Scan# 2037

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

Tgt Ion:165 Resp: 108041

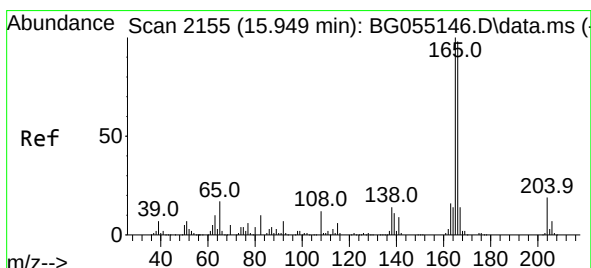
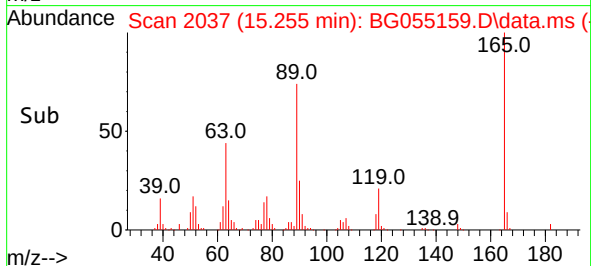
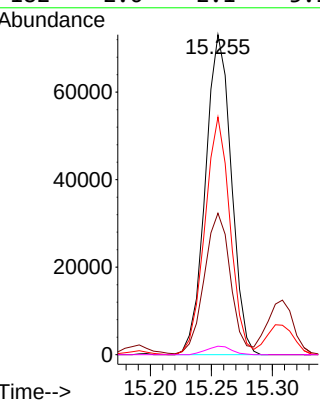
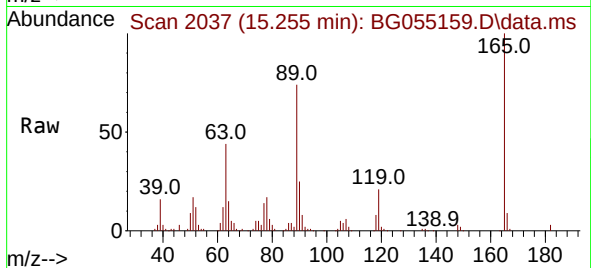
Ion Ratio Lower Upper

165 100

63 44.2 35.6 53.4

89 74.3 56.4 84.6

182 2.6 2.1 3.1



#58

Fluorene

Concen: 38.005 ng

RT: 15.955 min Scan# 2156

Delta R.T. 0.005 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

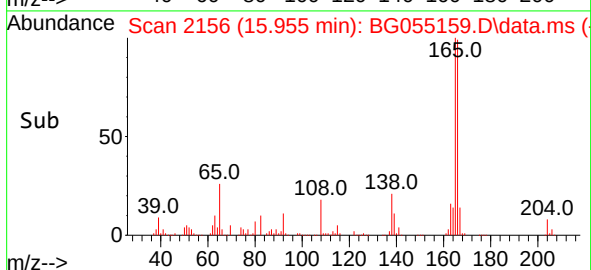
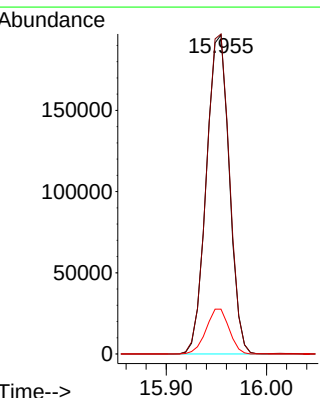
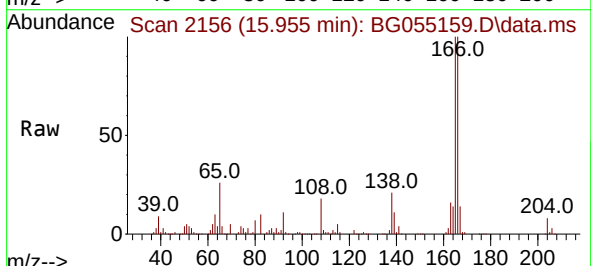
Tgt Ion:166 Resp: 310842

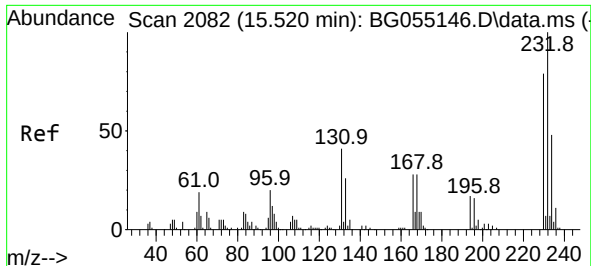
Ion Ratio Lower Upper

166 100

165 100.3 81.6 122.4

167 14.0 11.2 16.8

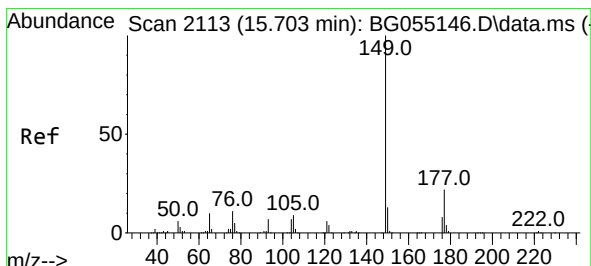
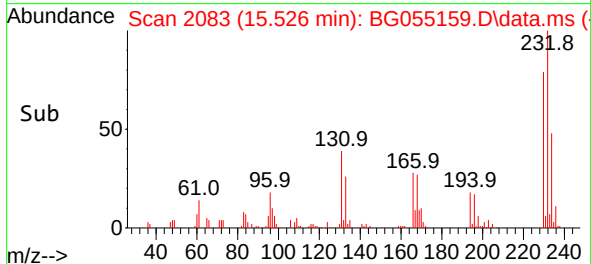
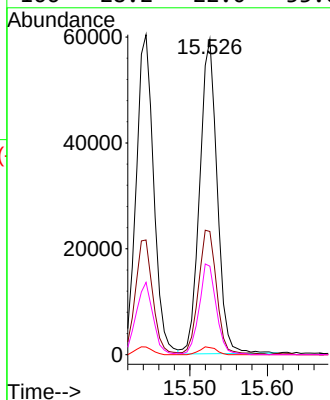
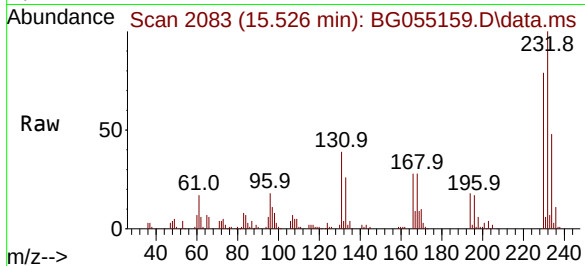




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.746 ng
RT: 15.526 min Scan# 2082
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

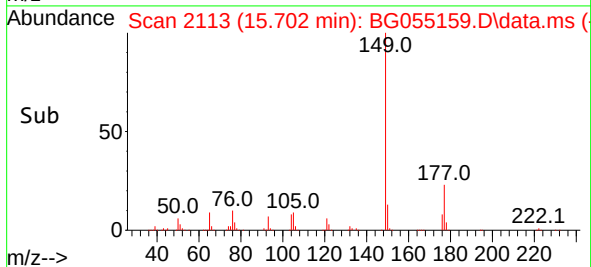
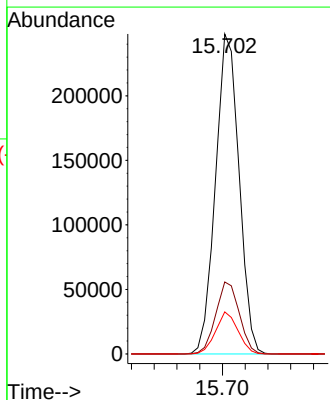
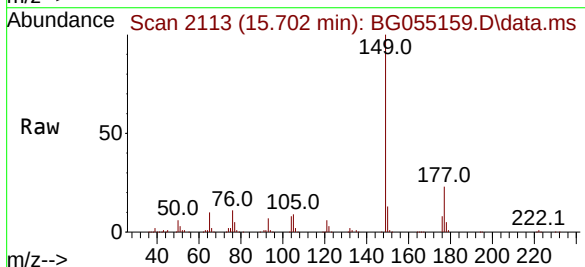
Instrument :
BNA_G
ClientSampleId :
PB148265BS

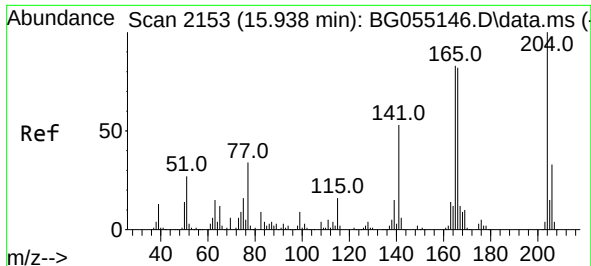
Tgt Ion:232 Resp: 92760
Ion Ratio Lower Upper
232 100
131 41.4 31.8 47.6
130 2.4 1.8 2.6
166 28.2 22.0 33.0



#60
Diethylphthalate
Concen: 38.454 ng
RT: 15.702 min Scan# 2113
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:149 Resp: 356431
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 13.2 10.1 15.1

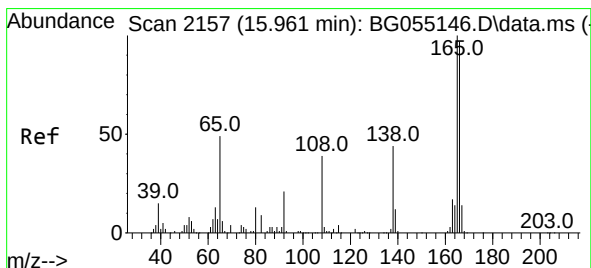
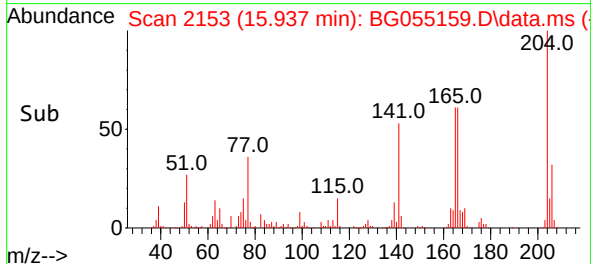
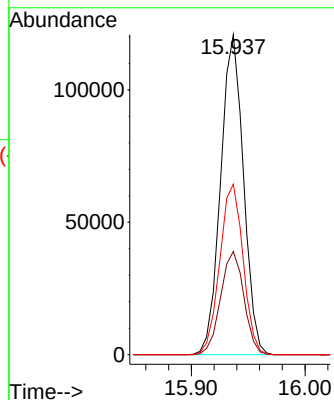
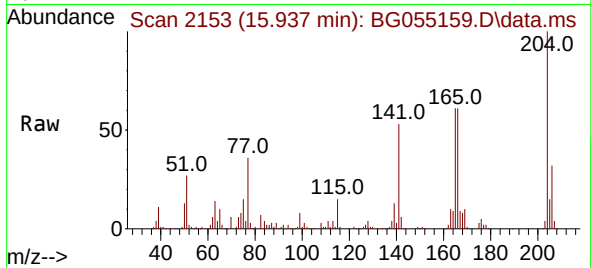




#61
4-Chlorophenyl-phenylether
Concen: 38.498 ng
RT: 15.937 min Scan# 2153
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

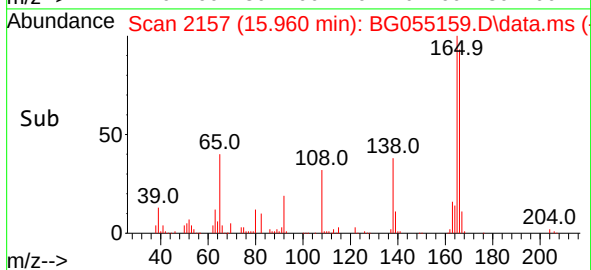
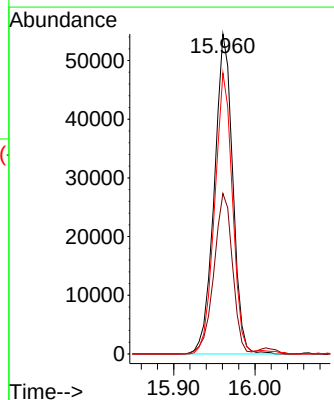
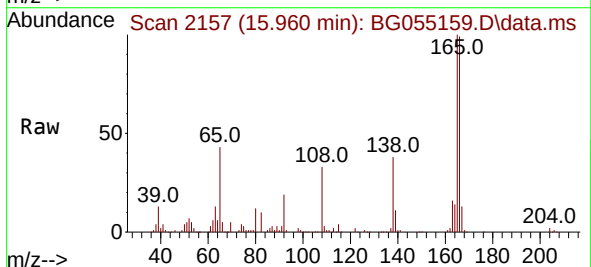
Instrument :
BNA_G
ClientSampleId :
PB148265BS

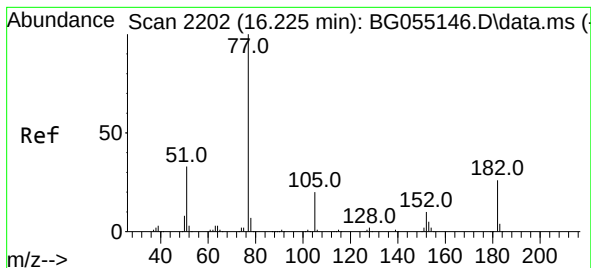
Tgt Ion:204 Resp: 168596
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 53.3 42.6 64.0



#62
4-Nitroaniline
Concen: 37.945 ng
RT: 15.960 min Scan# 2157
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:138 Resp: 86009
Ion Ratio Lower Upper
138 100
92 50.2 28.0 68.0
108 87.8 68.6 108.6





#63

Azobenzene

Concen: 38.704 ng

RT: 16.231 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

Tgt Ion: 77 Resp: 304563

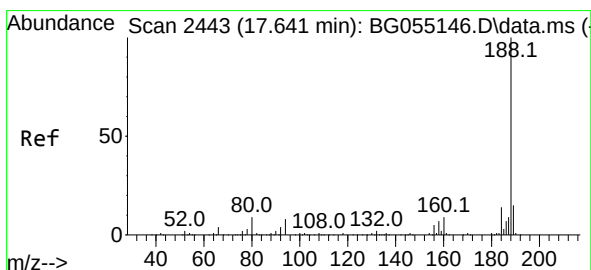
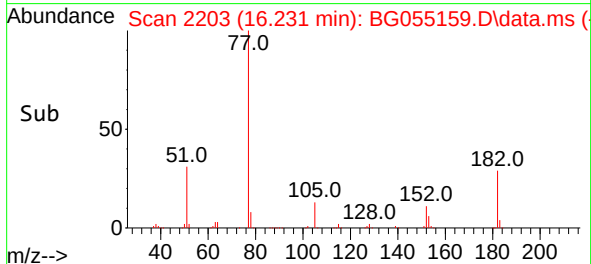
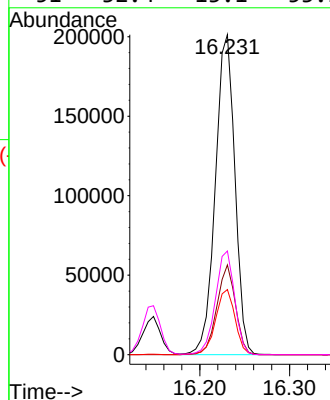
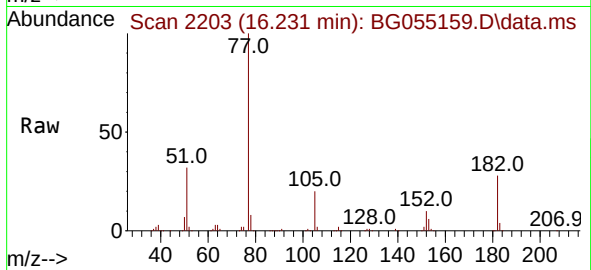
Ion Ratio Lower Upper

77 100

182 28.0 6.0 46.0

105 20.4 0.0 40.0

51 32.4 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.647 min Scan# 2444

Delta R.T. 0.005 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

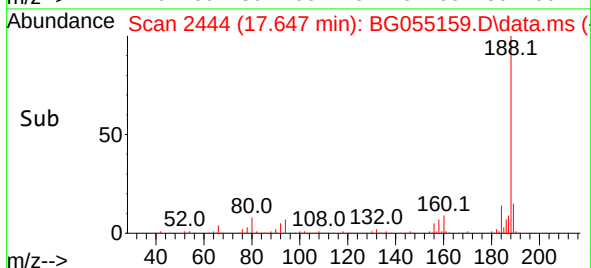
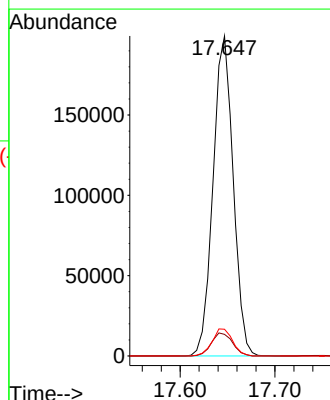
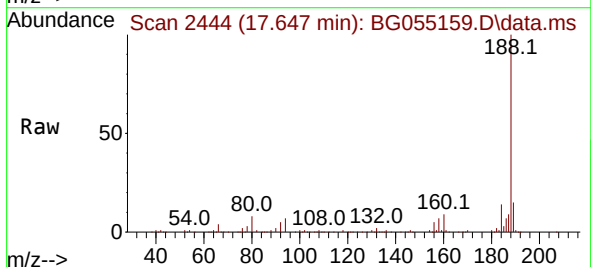
Tgt Ion:188 Resp: 293885

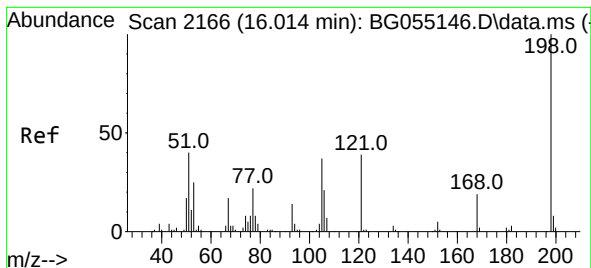
Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.2

80 8.3 7.0 10.6

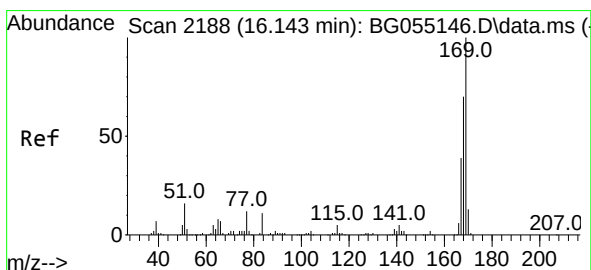
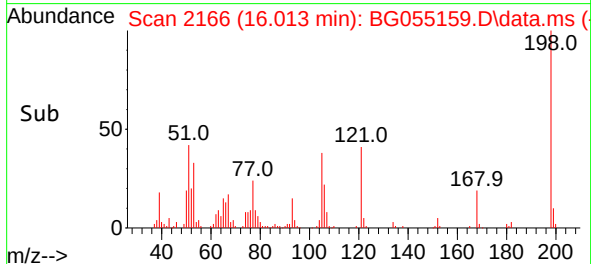
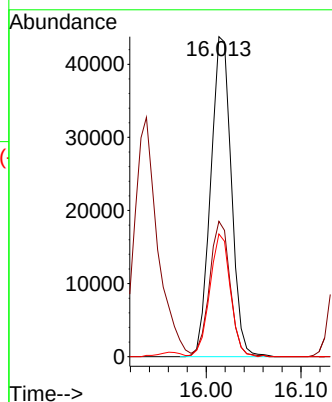
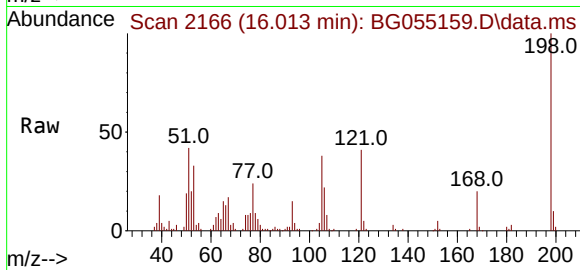




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.354 ng
 RT: 16.013 min Scan# 2166
 Delta R.T. -0.001 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28

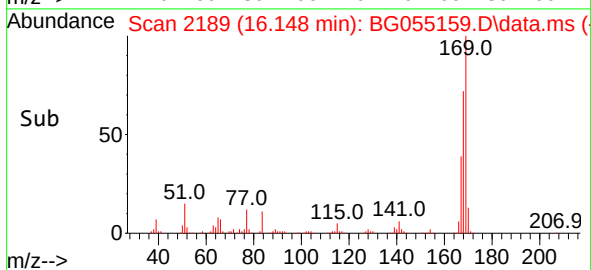
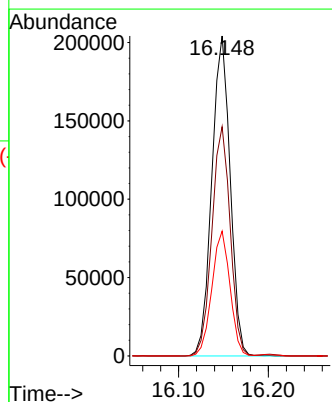
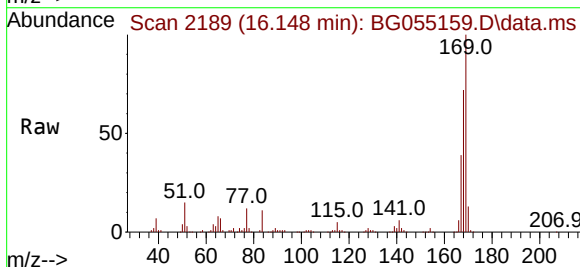
Instrument :
 BNA_G
 ClientSampleId :
 PB148265BS

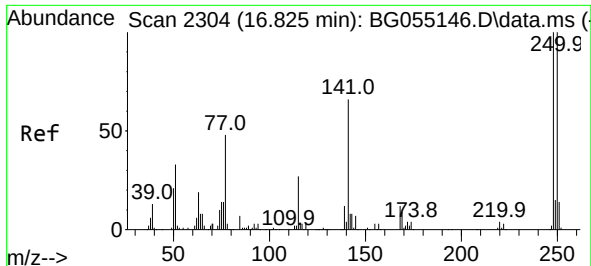
Tgt Ion:198 Resp: 66252
 Ion Ratio Lower Upper
 198 100
 51 42.3 23.7 63.7
 105 38.4 17.5 57.5



#66
 n-Nitrosodiphenylamine
 Concen: 37.323 ng
 RT: 16.148 min Scan# 2189
 Delta R.T. 0.005 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28

Tgt Ion:169 Resp: 289368
 Ion Ratio Lower Upper
 169 100
 168 71.6 56.3 84.5
 167 39.0 31.0 46.4





#67

4-Bromophenyl-phenylether

Concen: 36.893 ng

RT: 16.830 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

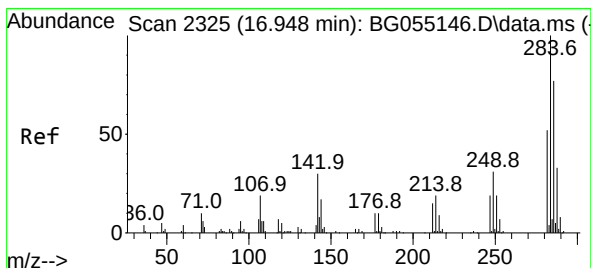
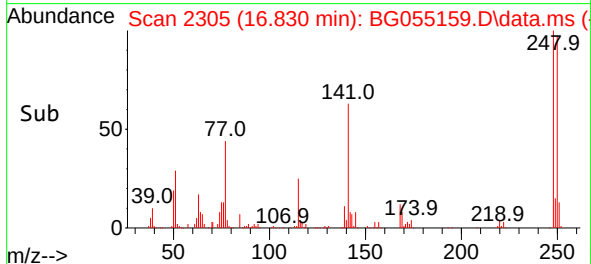
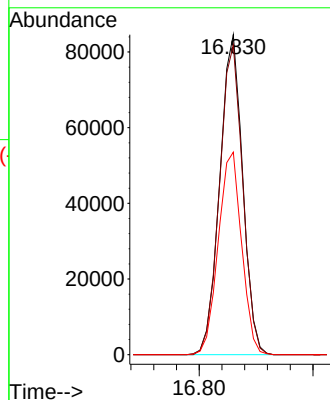
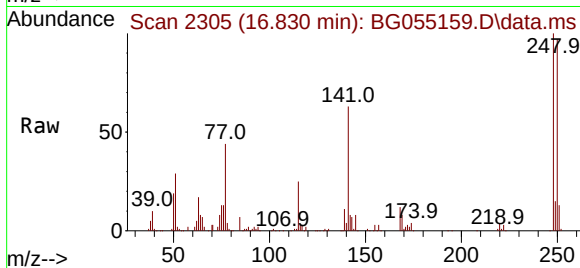
Tgt Ion:248 Resp: 118196

Ion Ratio Lower Upper

248 100

250 96.8 80.1 120.1

141 63.3 53.1 79.7



#68

Hexachlorobenzene

Concen: 36.429 ng

RT: 16.948 min Scan# 2325

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

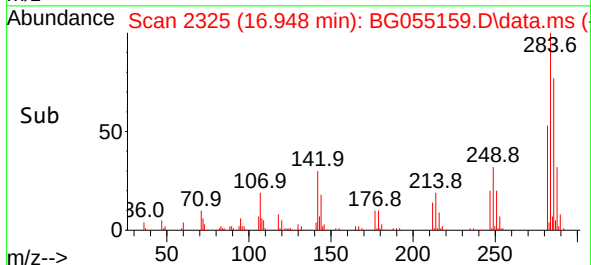
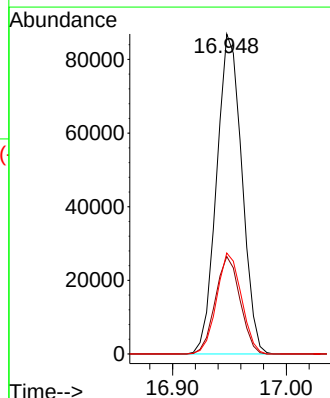
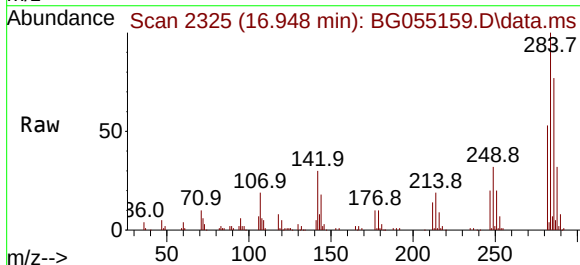
Tgt Ion:284 Resp: 134140

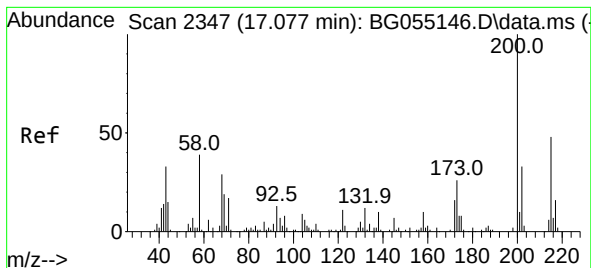
Ion Ratio Lower Upper

284 100

142 30.5 23.9 35.9

249 31.6 24.9 37.3





#69

Atrazine

Concen: 43.152 ng

RT: 17.083 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

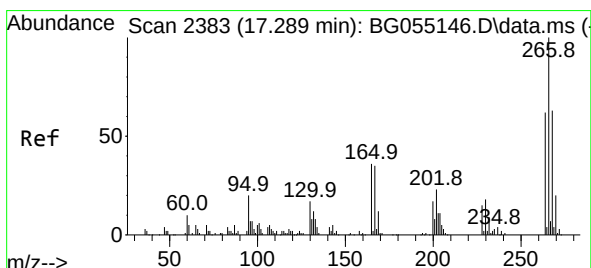
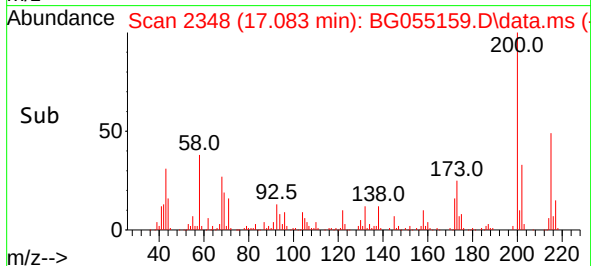
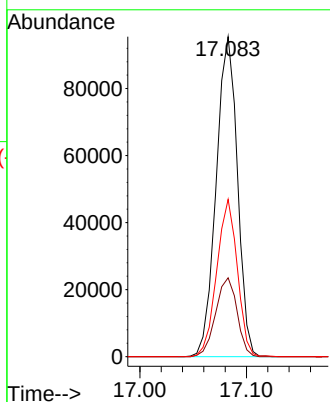
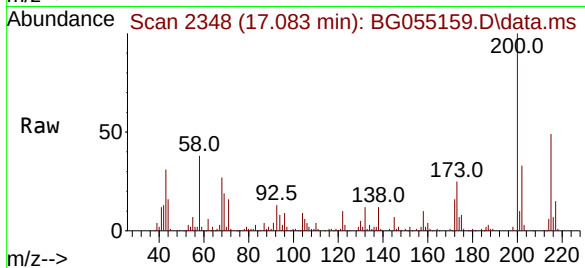
Tgt Ion:200 Resp: 131899

Ion Ratio Lower Upper

200 100

173 24.7 5.5 45.5

215 49.2 28.2 68.2



#70

Pentachlorophenol

Concen: 76.724 ng

RT: 17.288 min Scan# 2383

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

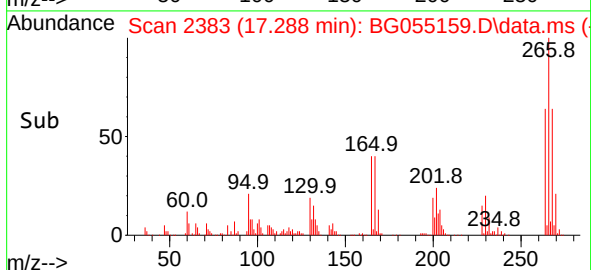
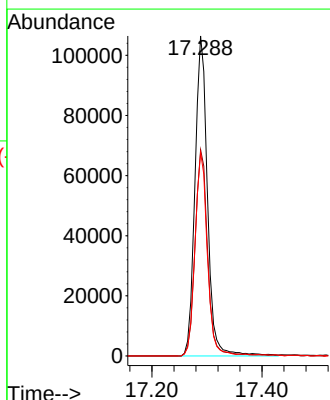
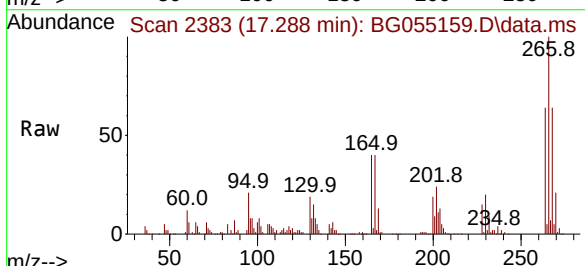
Tgt Ion:266 Resp: 168325

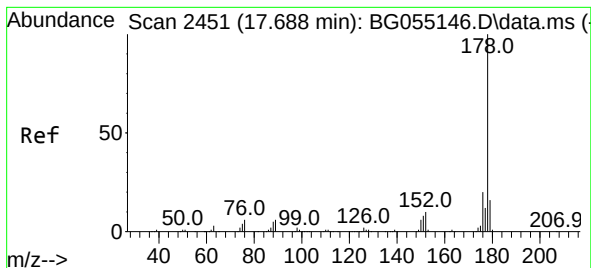
Ion Ratio Lower Upper

266 100

268 64.4 54.2 81.4

264 63.6 52.7 79.1





#71

Phenanthrene

Concen: 36.775 ng

RT: 17.688 min Scan# 2451

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

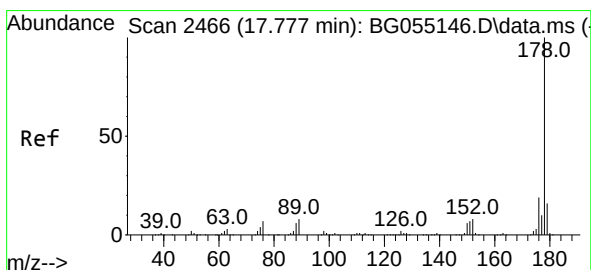
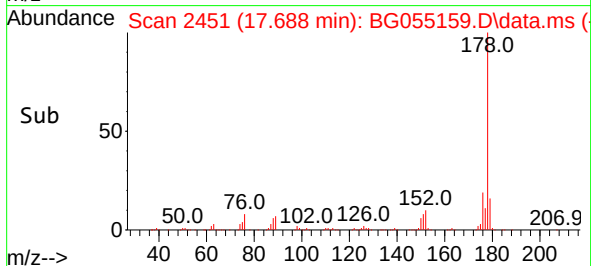
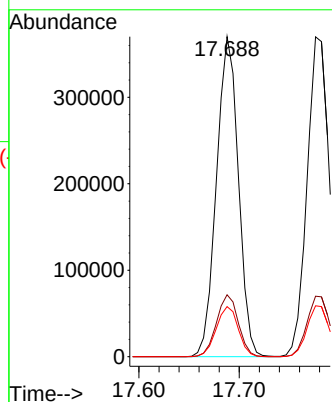
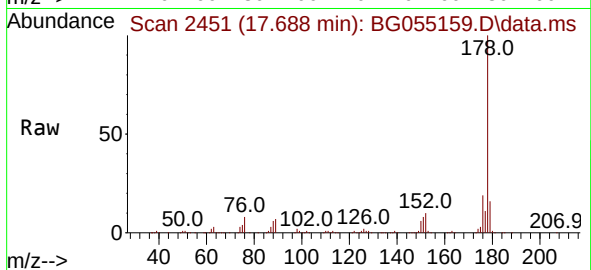
Tgt Ion:178 Resp: 560594

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

179 15.6 12.7 19.1



#72

Anthracene

Concen: 38.185 ng

RT: 17.776 min Scan# 2466

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

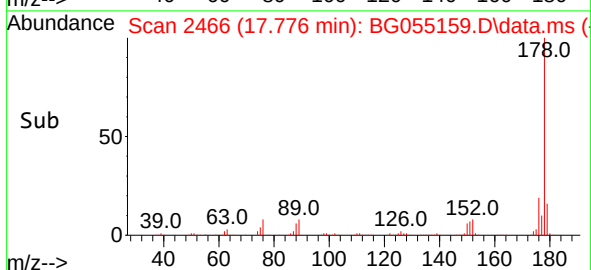
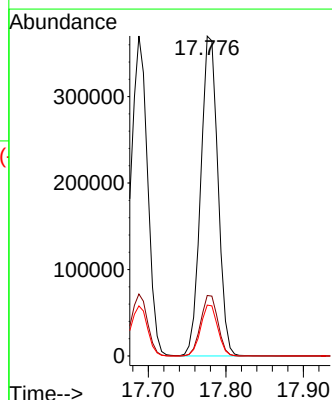
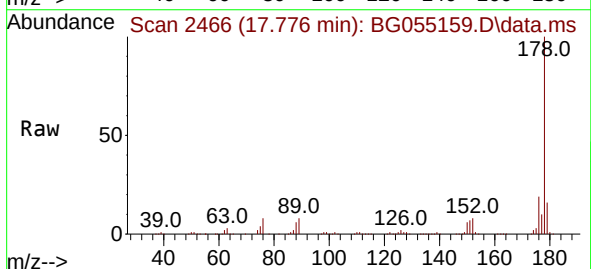
Tgt Ion:178 Resp: 568848

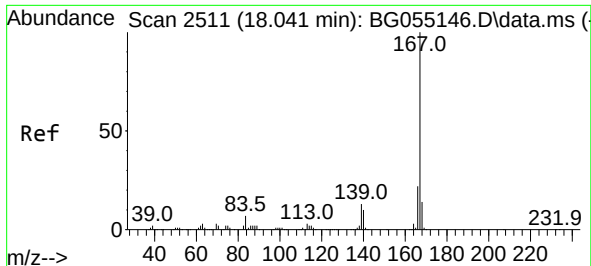
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.9 13.0 19.4

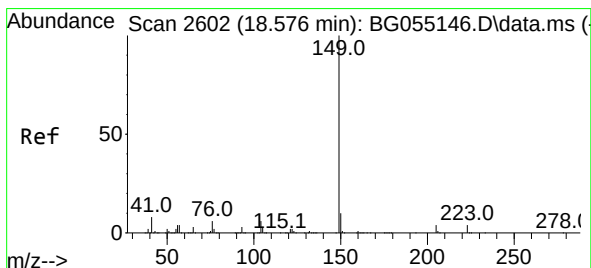
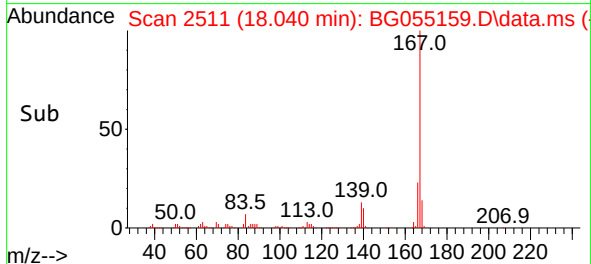
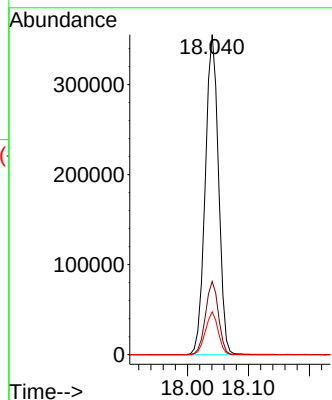
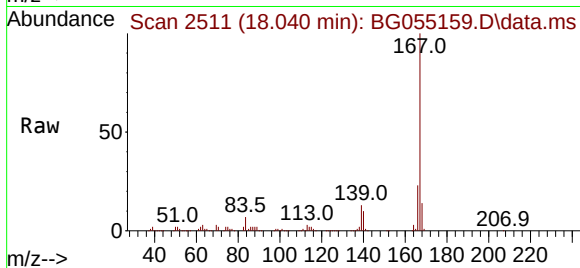




#73
 Carbazole
 Concen: 38.761 ng
 RT: 18.040 min Scan# 2511
 Delta R.T. -0.001 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28

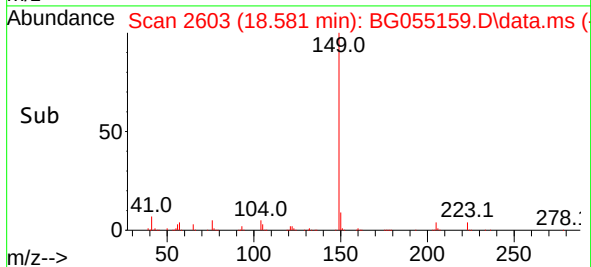
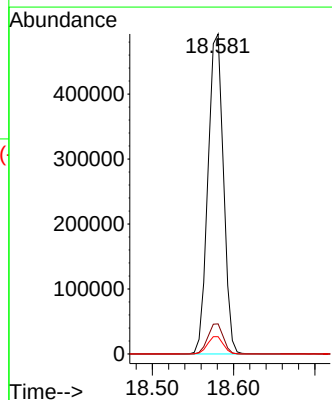
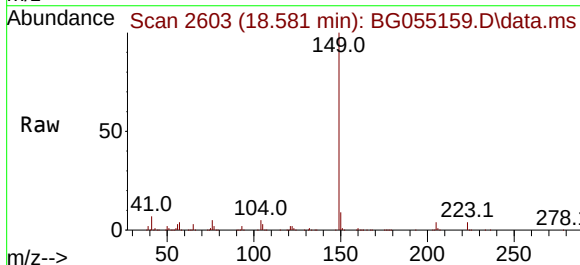
Instrument :
 BNA_G
 ClientSampleId :
 PB148265BS

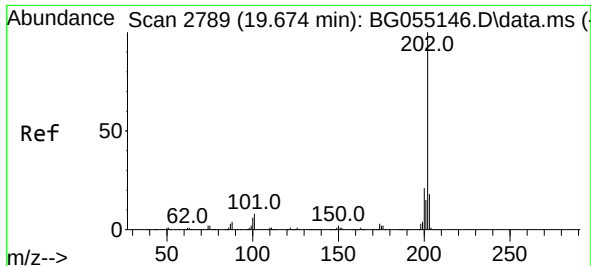
Tgt Ion:167 Resp: 537632
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.9 26.9
 139 13.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 38.009 ng
 RT: 18.581 min Scan# 2603
 Delta R.T. 0.005 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28

Tgt Ion:149 Resp: 649009
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.4 4.6 6.8

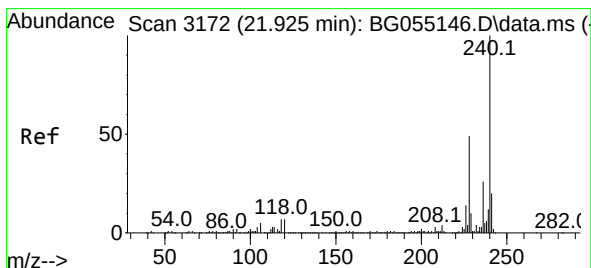
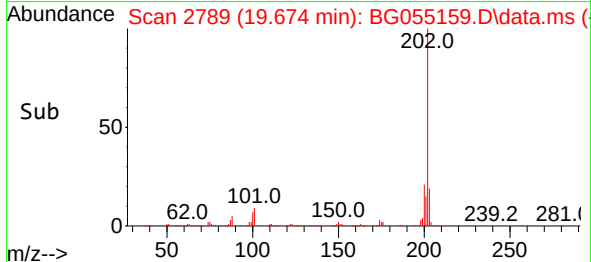
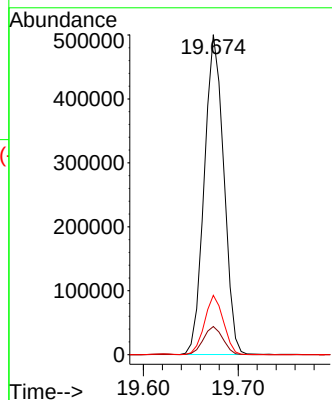
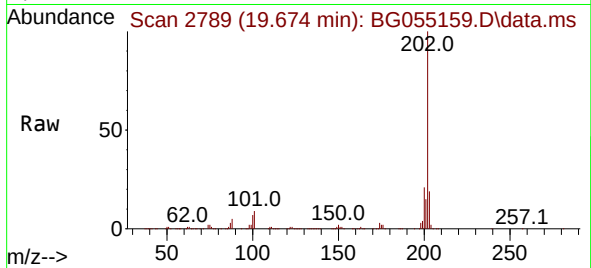




#75
Fluoranthene
Concen: 37.363 ng
RT: 19.674 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

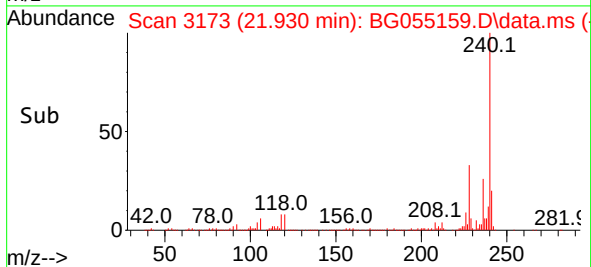
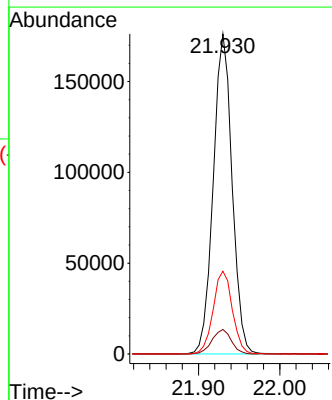
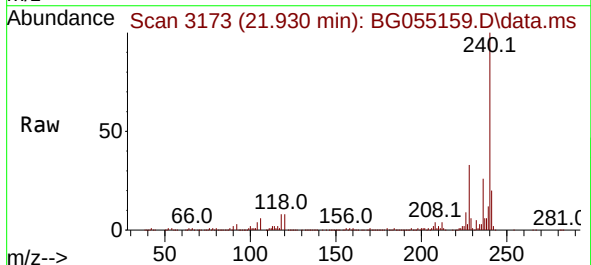
Instrument :
BNA_G
ClientSampleId :
PB148265BS

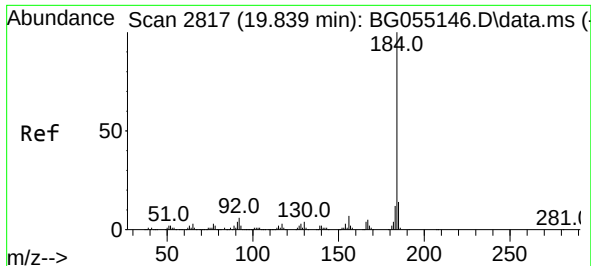
Tgt Ion:202 Resp: 711966
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.4
203 18.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3173
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:240 Resp: 283440
Ion Ratio Lower Upper
240 100
120 7.6 5.4 8.0
236 25.9 20.6 31.0

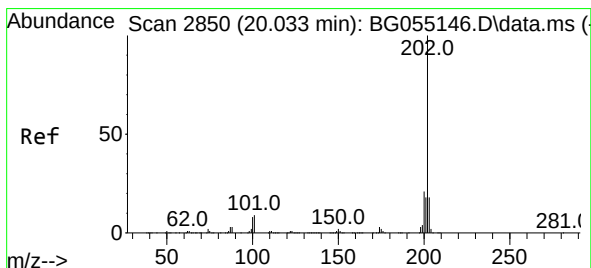
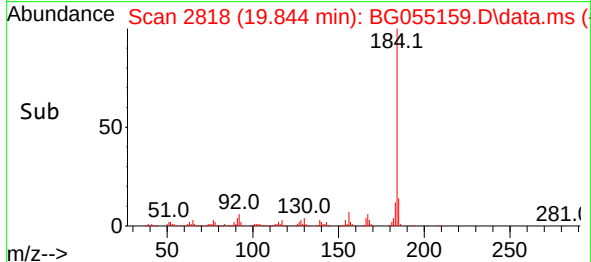
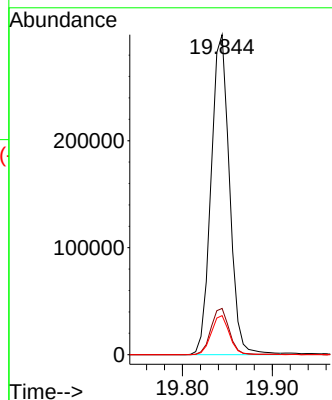
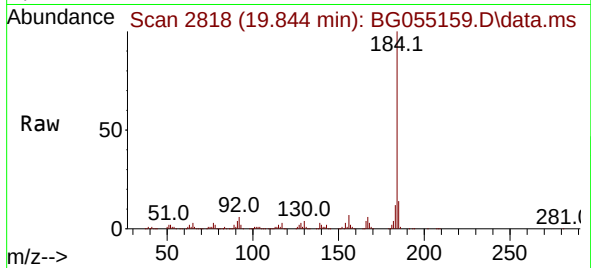




#77
Benzidine
Concen: 67.071 ng
RT: 19.844 min Scan# 2818
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

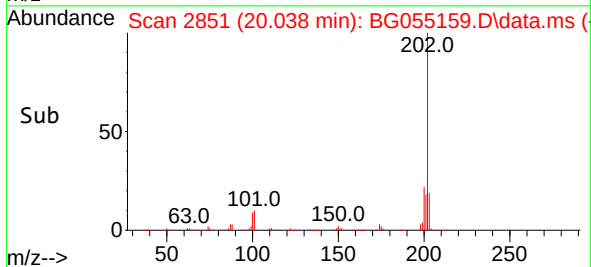
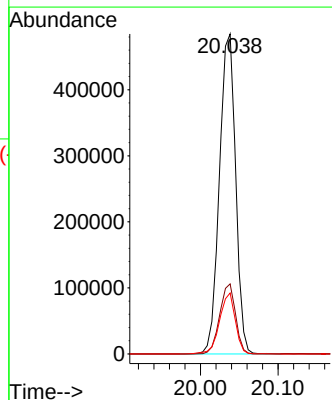
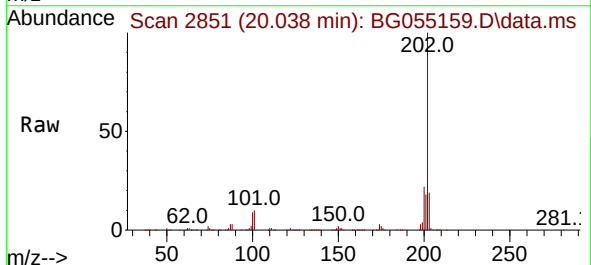
Instrument :
BNA_G
ClientSampleId :
PB148265BS

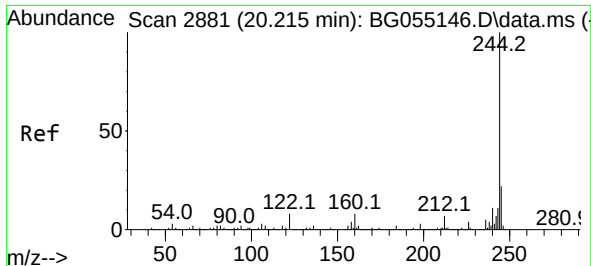
Tgt Ion:184 Resp: 426317
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 12.2 9.4 14.2



#78
Pyrene
Concen: 37.309 ng
RT: 20.038 min Scan# 2851
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:202 Resp: 704957
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 19.1 14.4 21.6

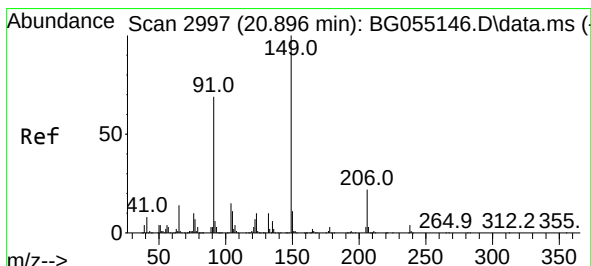
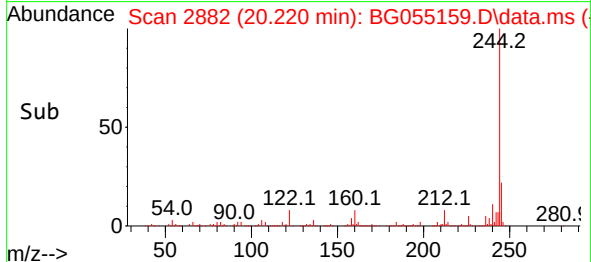
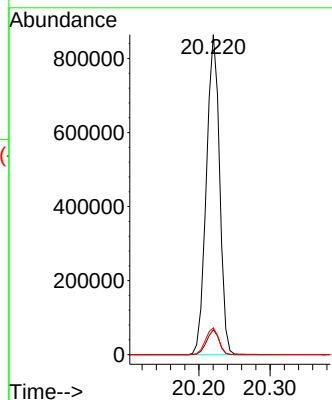
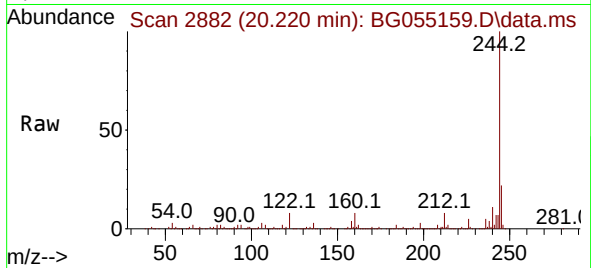




#79
 Terphenyl-d14
 Concen: 79.527 ng
 RT: 20.220 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28

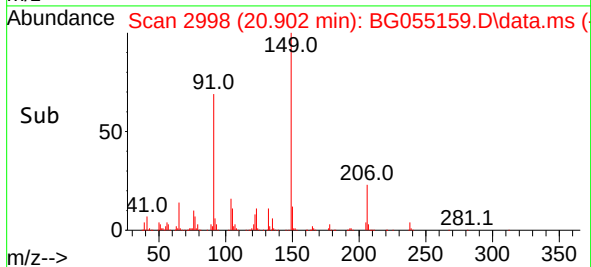
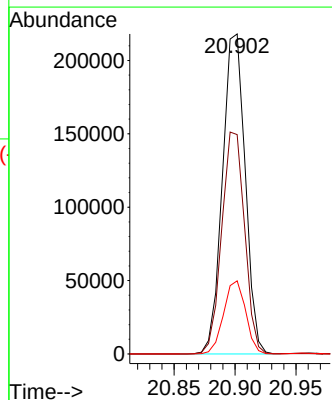
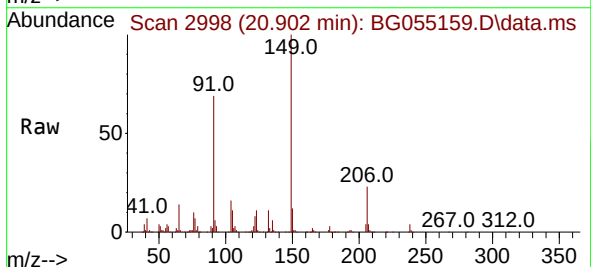
Instrument :
 BNA_G
 ClientSampleId :
 PB148265BS

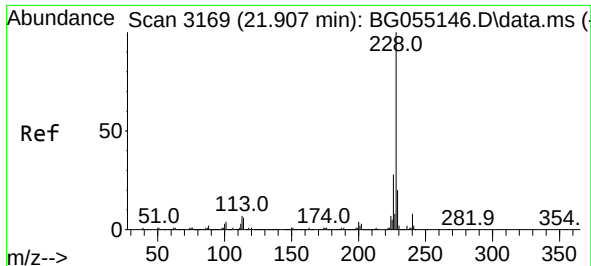
Tgt Ion:244 Resp: 1119208
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 8.4 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 39.087 ng
 RT: 20.902 min Scan# 2998
 Delta R.T. 0.005 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28

Tgt Ion:149 Resp: 283514
 Ion Ratio Lower Upper
 149 100
 91 68.5 55.1 82.7
 206 22.9 17.9 26.9

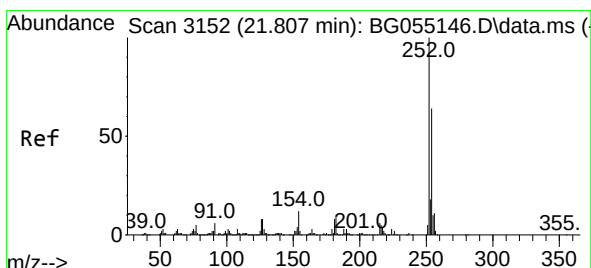
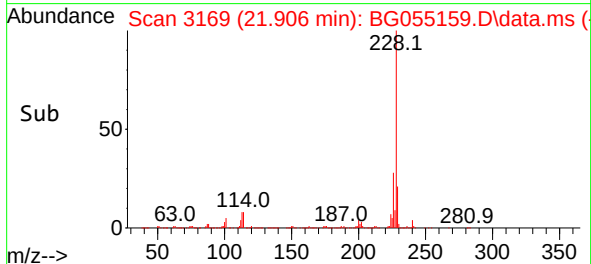
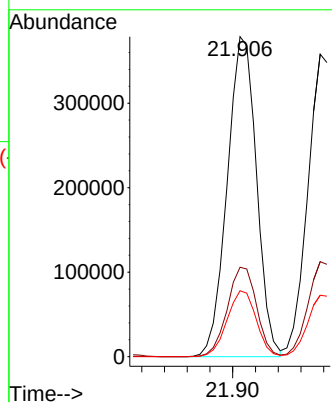
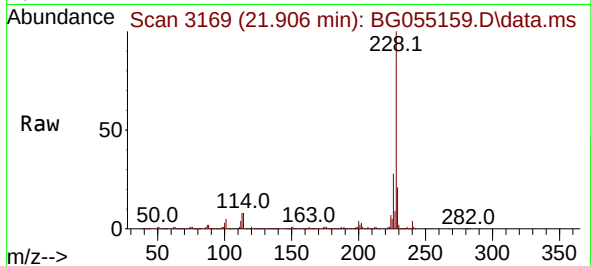




#81
Benzo(a)anthracene
Concen: 37.360 ng
RT: 21.906 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

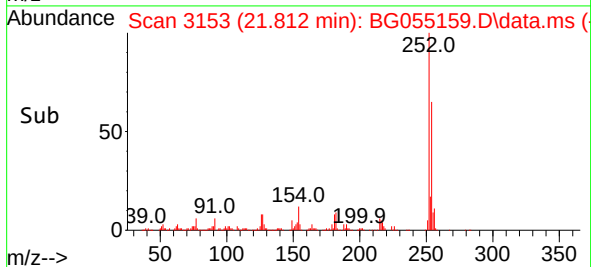
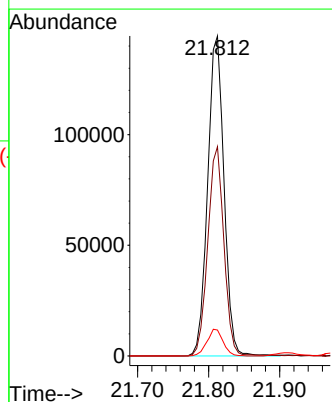
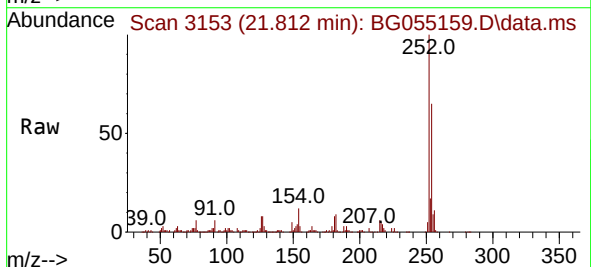
Instrument :
BNA_G
ClientSampleId :
PB148265BS

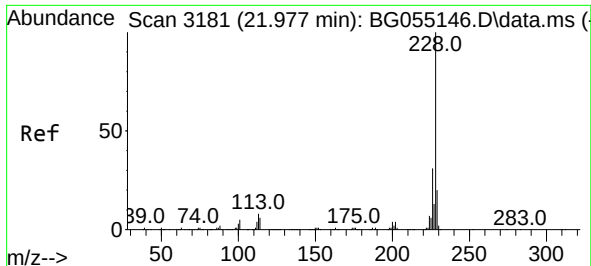
Tgt Ion:228 Resp: 677523
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 20.6 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 37.102 ng
RT: 21.812 min Scan# 3153
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:252 Resp: 230910
Ion Ratio Lower Upper
252 100
254 65.4 51.6 77.4
126 8.1 6.3 9.5





#83

Chrysene

Concen: 37.233 ng

RT: 21.977 min Scan# 3181

Delta R.T. -0.001 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

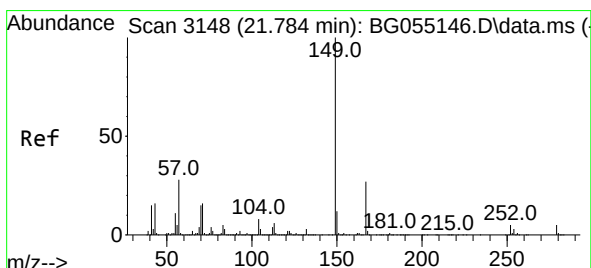
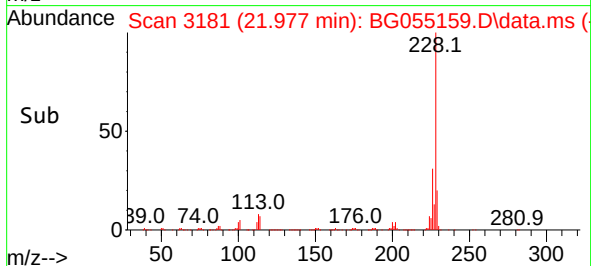
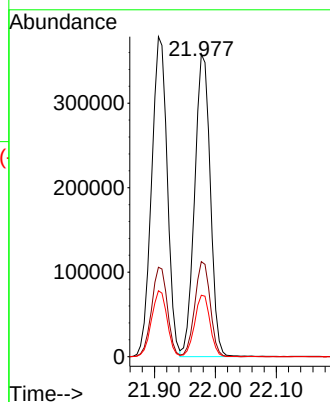
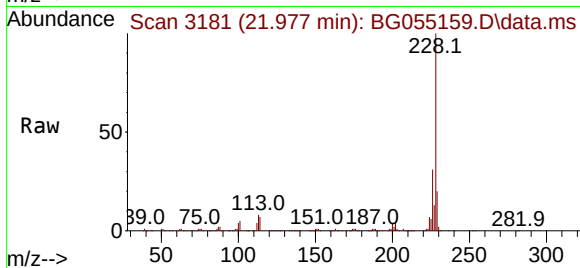
Tgt Ion:228 Resp: 636951

Ion Ratio Lower Upper

228 100

226 31.4 25.1 37.7

229 20.3 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.744 ng

RT: 21.789 min Scan# 3149

Delta R.T. 0.005 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

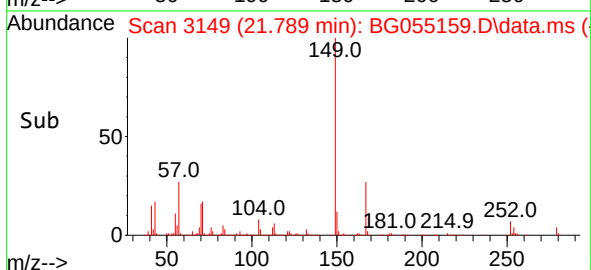
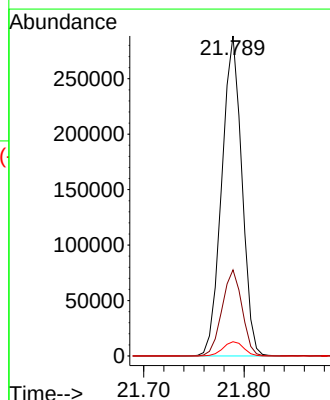
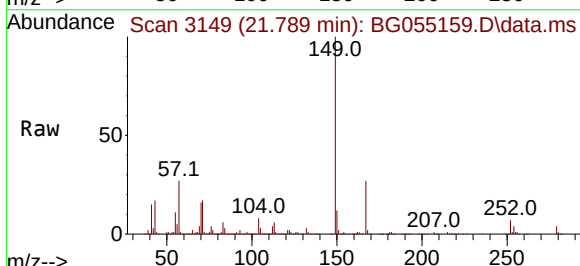
Tgt Ion:149 Resp: 400306

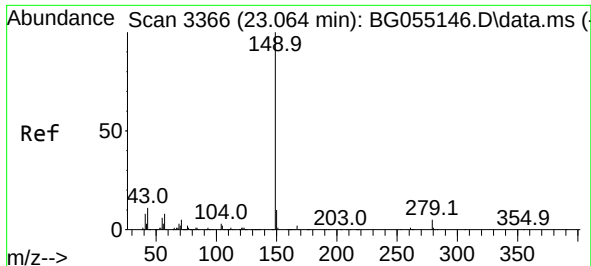
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.4 3.8 5.6

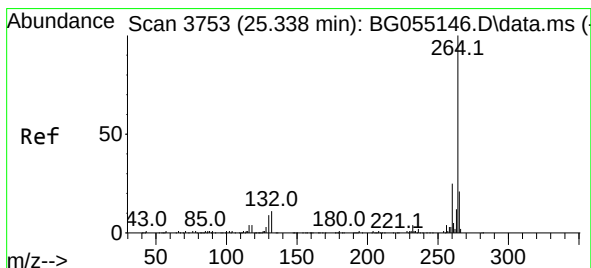
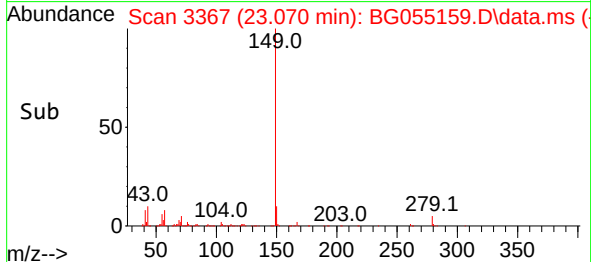
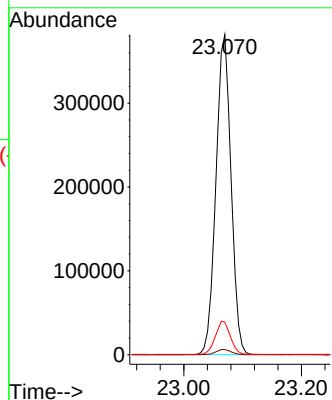
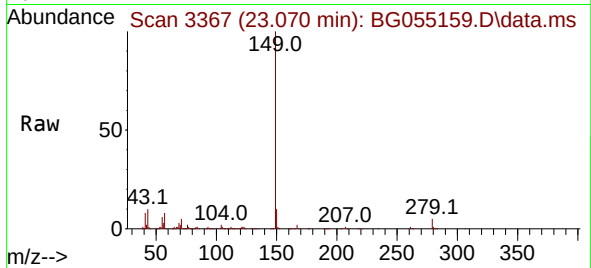




#85
Di-n-octyl phthalate
Concen: 39.426 ng
RT: 23.070 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

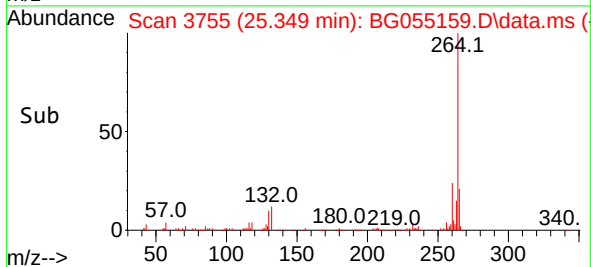
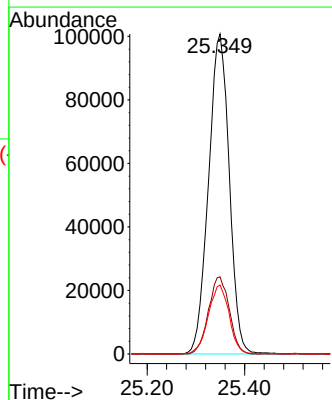
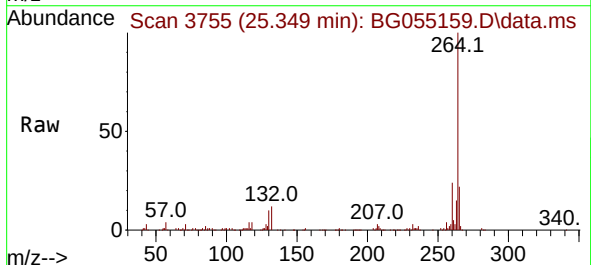
Instrument :
BNA_G
ClientSampleId :
PB148265BS

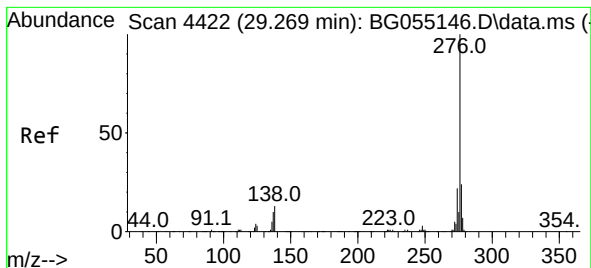
Tgt Ion:149 Resp: 679138
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.3 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.349 min Scan# 3755
Delta R.T. 0.011 min
Lab File: BG055159.D
Acq: 13 Oct 2022 11:28

Tgt Ion:264 Resp: 297042
Ion Ratio Lower Upper
264 100
260 24.1 20.1 30.1
265 21.5 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.695 ng

RT: 29.286 min Scan# 4422

Delta R.T. 0.017 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

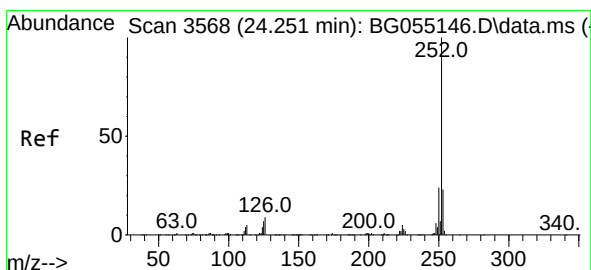
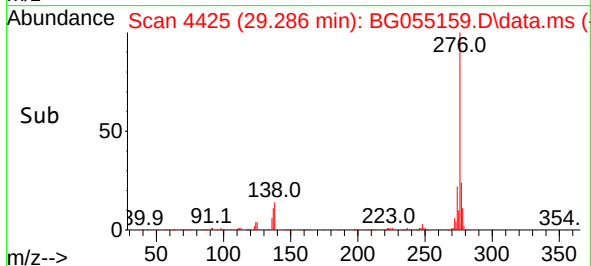
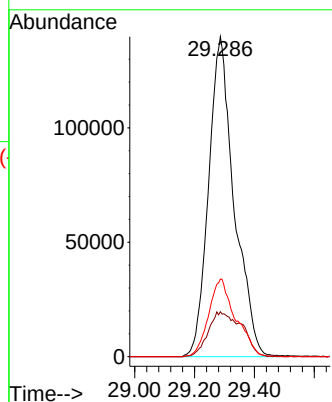
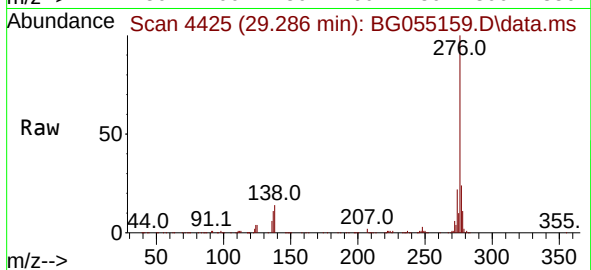
Tgt Ion:276 Resp: 829408

Ion Ratio Lower Upper

276 100

138 18.4 13.4 20.0

277 25.7 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 41.077 ng

RT: 24.257 min Scan# 3569

Delta R.T. 0.005 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

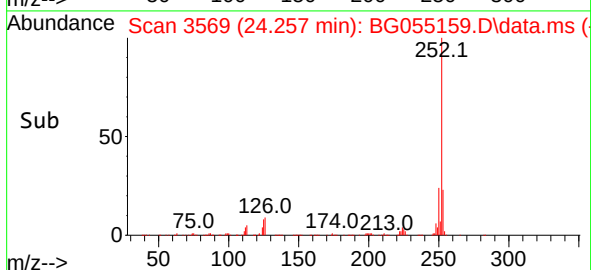
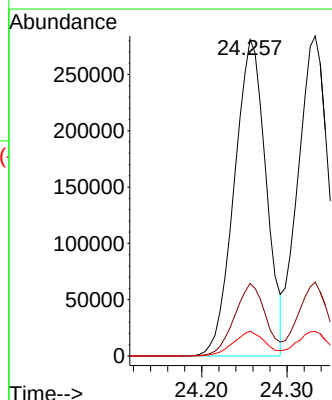
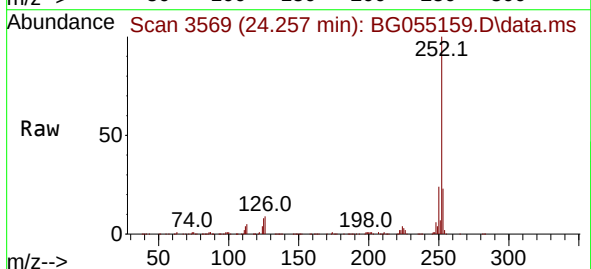
Tgt Ion:252 Resp: 727254

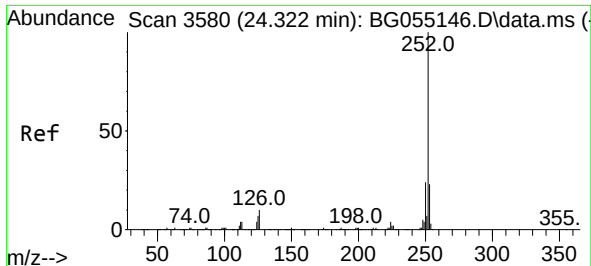
Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 7.8 5.7 8.5





#89

Benzo(k)fluoranthene

Concen: 39.769 ng

RT: 24.333 min Scan# 3

Delta R.T. 0.011 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB148265BS

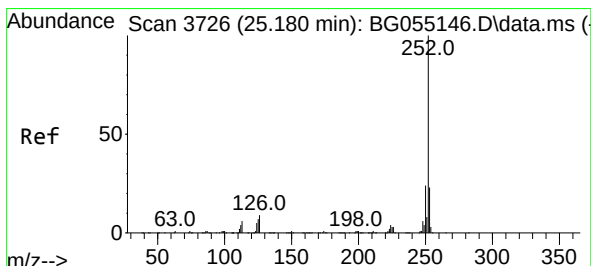
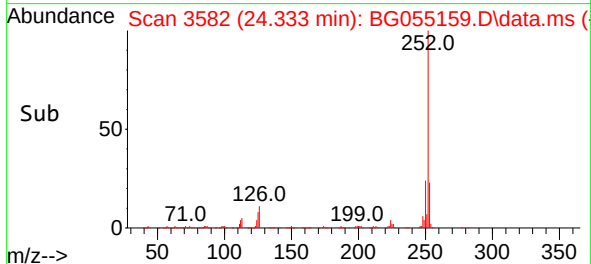
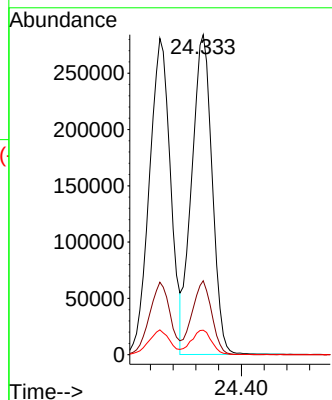
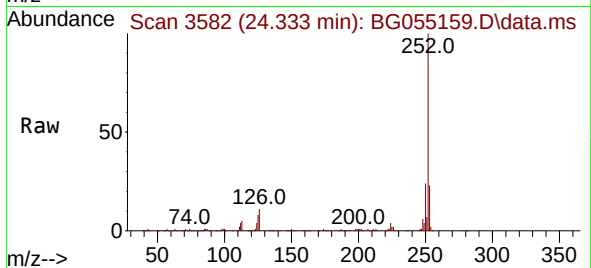
Tgt Ion:252 Resp: 707398

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

125 7.7 5.8 8.6



#90

Benzo(a)pyrene

Concen: 42.240 ng

RT: 25.191 min Scan# 3728

Delta R.T. 0.011 min

Lab File: BG055159.D

Acq: 13 Oct 2022 11:28

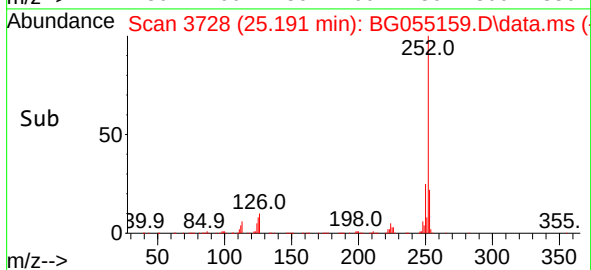
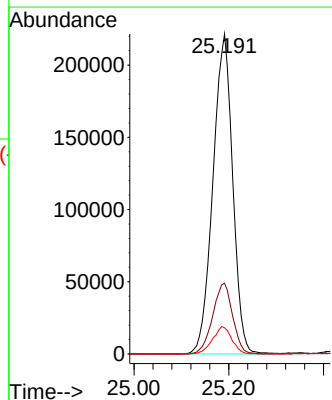
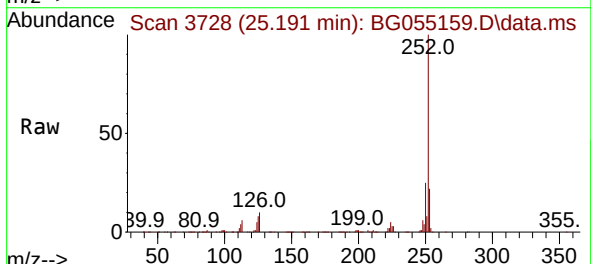
Tgt Ion:252 Resp: 639483

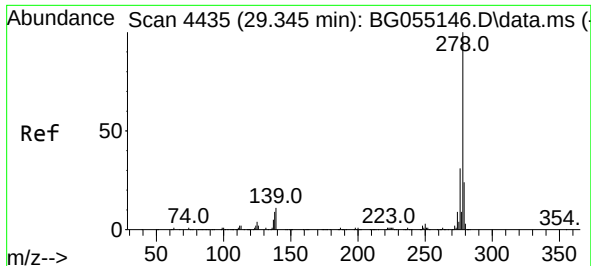
Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

125 8.2 5.8 8.8

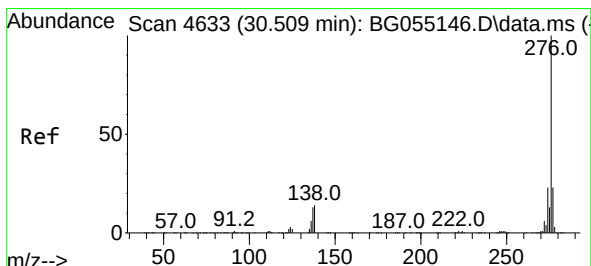
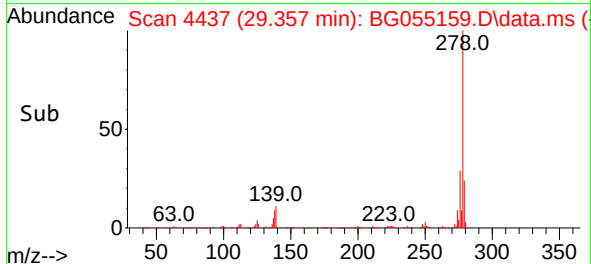
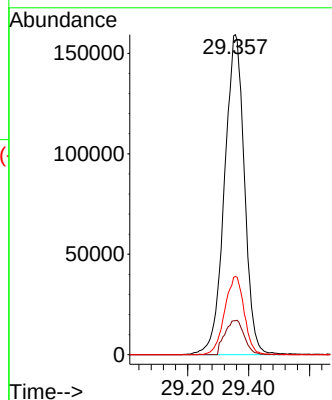
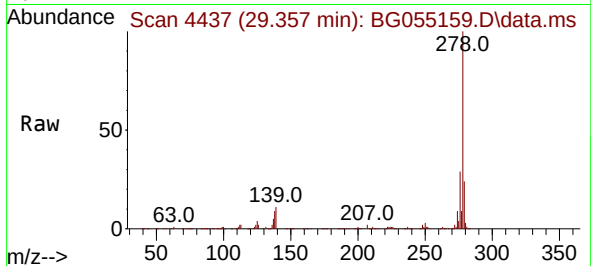




#91
 Dibenzo(a,h)anthracene
 Concen: 39.771 ng
 RT: 29.357 min Scan# 4437
 Delta R.T. 0.011 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28

Instrument :
 BNA_G
 ClientSampleId :
 PB148265BS

Tgt Ion:278 Resp: 724147
 Ion Ratio Lower Upper
 278 100
 139 10.6 8.4 12.6
 279 24.5 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 39.953 ng
 RT: 30.526 min Scan# 4636
 Delta R.T. 0.017 min
 Lab File: BG055159.D
 Acq: 13 Oct 2022 11:28

Tgt Ion:276 Resp: 712601
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.4 27.6
 138 15.5 11.2 16.8

