

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
 Data File : BG055879.D
 Acq On : 2 Dec 2022 18:28
 Operator : CG/JU
 Sample : N5848-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-5MSD

Quant Time: Dec 03 04:30:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.201	152	33999	20.000	ng	0.00
21) Naphthalene-d8	11.027	136	146577	20.000	ng	-0.01
39) Acenaphthene-d10	14.828	164	108768	20.000	ng	-0.01
64) Phenanthrene-d10	17.572	188	254666	20.000	ng	0.00
76) Chrysene-d12	21.861	240	239157	20.000	ng	0.00
86) Perylene-d12	25.234	264	257508	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.733	112	282447	150.160	ng	0.00
7) Phenol-d6	7.355	99	376551	150.387	ng	0.00
23) Nitrobenzene-d5	9.376	82	232128	83.704	ng	-0.01
42) 2,4,6-Tribromophenol	16.315	330	197292	128.815	ng	-0.01
45) 2-Fluorobiphenyl	13.454	172	585098	80.589	ng	0.00
79) Terphenyl-d14	20.157	244	972590	81.340	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.542	88	31198	38.811	ng	98
3) Pyridine	3.959	79	87146	35.339	ng	99
4) n-Nitrosodimethylamine	3.871	42	56109	42.976	ng	97
6) Aniline	7.513	93	114529	36.417	ng	96
8) 2-Chlorophenol	7.760	128	111591	51.896	ng	97
9) Benzaldehyde	7.325	77	53271	31.327	ng	99
10) Phenol	7.384	94	144803	51.649	ng	99
11) bis(2-Chloroethyl)ether	7.607	93	98608	45.896	ng	98
12) 1,3-Dichlorobenzene	8.089	146	115298	45.606	ng	98
13) 1,4-Dichlorobenzene	8.236	146	116403	45.565	ng	99
14) 1,2-Dichlorobenzene	8.559	146	114576	46.803	ng	97
15) Benzyl Alcohol	8.436	79	105233	51.713	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.724	45	176419	45.358	ng	99
17) 2-Methylphenol	8.647	107	100472	50.477	ng	98
18) Hexachloroethane	9.294	117	40297	45.830	ng	97
19) n-Nitroso-di-n-propyla...	9.006	70	87981	45.732	ng	99
20) 3+4-Methylphenols	8.976	107	141438	50.868	ng	99
22) Acetophenone	9.029	105	171231	44.957	ng	# 99
24) Nitrobenzene	9.417	77	129544	44.722	ng	100
25) Isophorone	9.940	82	247353	47.075	ng	99
26) 2-Nitrophenol	10.134	139	66735	49.906	ng	97
27) 2,4-Dimethylphenol	10.187	122	113642	55.839	ng	99
28) bis(2-Chloroethoxy)met...	10.416	93	142359	50.467	ng	99
29) 2,4-Dichlorophenol	10.674	162	119820	49.189	ng	98
30) 1,2,4-Trichlorobenzene	10.886	180	124864	44.122	ng	99
31) Naphthalene	11.080	128	345901	43.654	ng	99
32) Benzoic acid	10.351	122	50543	30.186	ng	97
33) 4-Chloroaniline	11.186	127	63362	19.385	ng	97
34) Hexachlorobutadiene	11.350	225	83398	43.157	ng	94
35) Caprolactam	11.961	113	24683	29.281	ng	96
36) 4-Chloro-3-methylphenol	12.302	107	132676	49.555	ng	98
37) 2-Methylnaphthalene	12.672	142	265633	44.773	ng	99
38) 1-Methylnaphthalene	12.890	142	250378	43.472	ng	99
40) 1,2,4,5-Tetrachloroben...	13.036	216	156311	45.731	ng	100
41) Hexachlorocyclopentadiene	13.007	237	107857	62.608	ng	98
43) 2,4,6-Trichlorophenol	13.271	196	103780	44.510	ng	97

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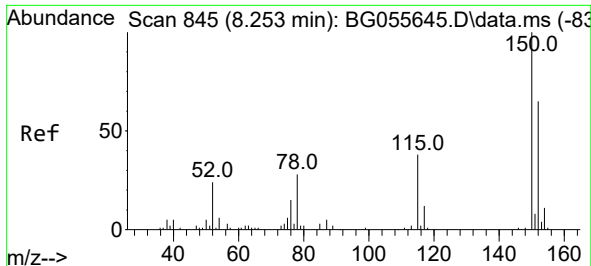
Quant Time: Dec 03 04:30:41 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.354	196	111755	43.616	ng	97
46) 1,1'-Biphenyl	13.665	154	362814	45.775	ng	97
47) 2-Chloronaphthalene	13.712	162	275542	44.726	ng	98
48) 2-Nitroaniline	13.912	65	93631	46.226	ng	99
49) Acenaphthylene	14.552	152	454963	44.846	ng	100
50) Dimethylphthalate	14.270	163	378578	43.663	ng	99
51) 2,6-Dinitrotoluene	14.400	165	81951	46.225	ng	98
52) Acenaphthene	14.893	154	267492	40.344	ng	98
53) 3-Nitroaniline	14.734	138	52667	27.062	ng	98
54) 2,4-Dinitrophenol	14.946	184	83319	81.740	ng	98
55) Dibenzofuran	15.228	168	448763	43.874	ng	99
56) 4-Nitrophenol	15.052	139	117887	77.179	ng	99
57) 2,4-Dinitrotoluene	15.187	165	118786	47.523	ng	95
58) Fluorene	15.874	166	358083	43.832	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.451	232	97533	39.284	ng	98
60) Diethylphthalate	15.622	149	375745	42.863	ng	100
61) 4-Chlorophenyl-phenyle...	15.857	204	200270	44.596	ng	100
62) 4-Nitroaniline	15.898	138	82330	40.469	ng	100
63) Azobenzene	16.150	77	344768	45.049	ng	99
65) 4,6-Dinitro-2-methylph...	15.956	198	64020	45.020	ng	96
66) n-Nitrosodiphenylamine	16.068	169	323244	46.057	ng	99
67) 4-Bromophenyl-phenylether	16.750	248	133707	46.080	ng	97
68) Hexachlorobenzene	16.879	284	146144	45.423	ng	97
69) Atrazine	17.008	200	132184	47.621	ng	100
70) Pentachlorophenol	17.226	266	129055	65.570	ng	98
71) Phenanthrene	17.613	178	593762	43.205	ng	100
72) Anthracene	17.707	178	605971	45.382	ng	99
73) Carbazole	17.972	167	532423	44.353	ng	100
74) Di-n-butylphthalate	18.501	149	646122	43.348	ng	99
75) Fluoranthene	19.611	202	690786	41.317	ng	100
77) Benzidine	19.781	184	410595	74.211	ng	99
78) Pyrene	19.975	202	697623	43.095	ng	99
80) Butylbenzylphthalate	20.833	149	282806	44.626	ng	100
81) Benzo(a)anthracene	21.838	228	705553	42.833	ng	100
82) 3,3'-Dichlorobenzidine	21.744	252	136429	23.571	ng	98
83) Chrysene	21.908	228	660735	42.135	ng	100
84) Bis(2-ethylhexyl)phtha...	21.703	149	405898	44.567	ng	99
85) Di-n-octyl phthalate	22.960	149	700361	44.935	ng	100
87) Indeno(1,2,3-cd)pyrene	29.135	276	853432	40.455	ng	# 94
88) Benzo(b)fluoranthene	24.159	252	753648	44.939	ng	99
89) Benzo(k)fluoranthene	24.229	252	720007	43.071	ng	99
90) Benzo(a)pyrene	25.075	252	664520	46.176	ng	100
91) Dibenzo(a,h)anthracene	29.188	278	720159	41.775	ng	99
92) Benzo(g,h,i)perylene	30.357	276	705717	40.617	ng	97

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

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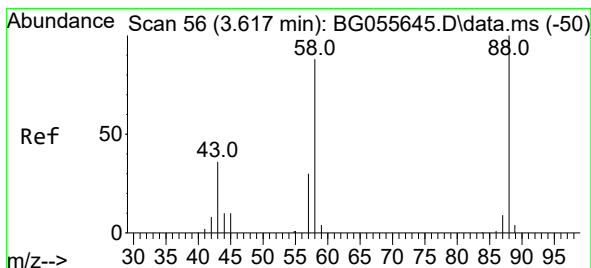
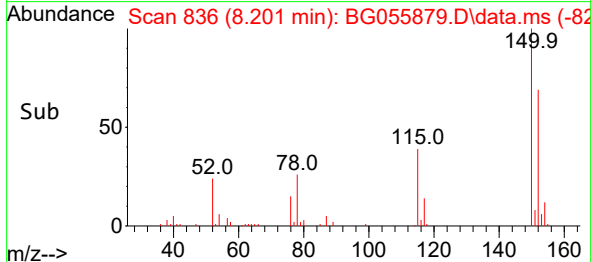
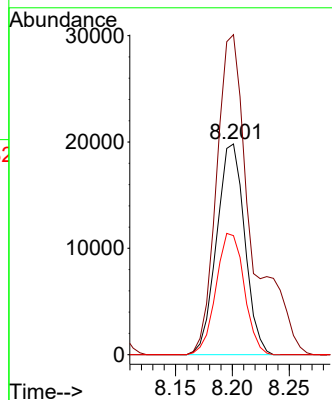
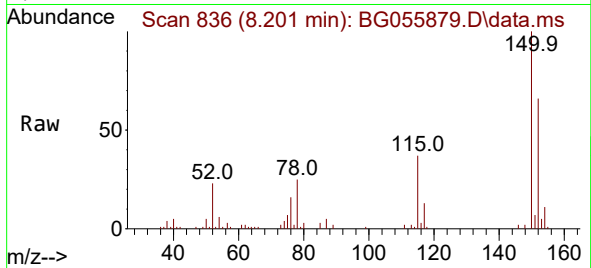




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.201 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG055879.D
 Acq: 2 Dec 2022 18:28

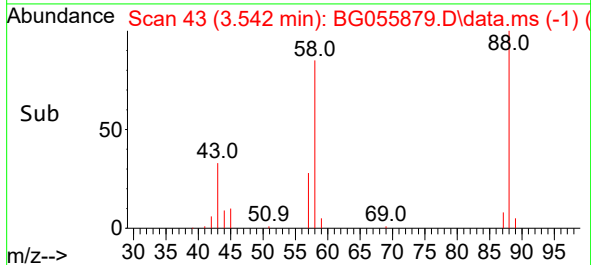
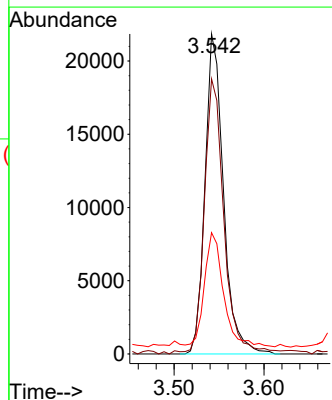
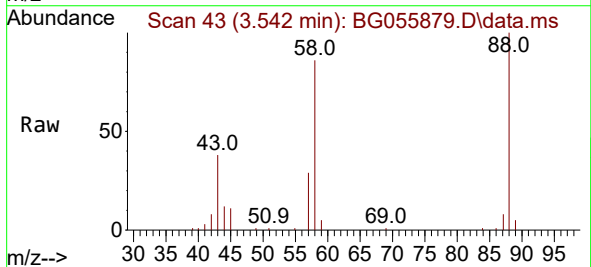
Instrument :
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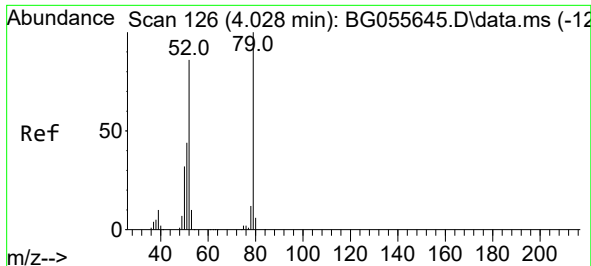
Tgt Ion:152 Resp: 33999
 Ion Ratio Lower Upper
 152 100
 150 151.9 123.0 184.6
 115 56.5 47.0 70.4



#2
 1,4-Dioxane
 Concen: 38.811 ng
 RT: 3.542 min Scan# 43
 Delta R.T. -0.016 min
 Lab File: BG055879.D
 Acq: 2 Dec 2022 18:28

Tgt Ion: 88 Resp: 31198
 Ion Ratio Lower Upper
 88 100
 58 91.5 71.3 106.9
 43 36.8 28.6 43.0





#3

Pyridine

Concen: 35.339 ng

RT: 3.959 min Scan# 114

Delta R.T. -0.016 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

PE-5MSD

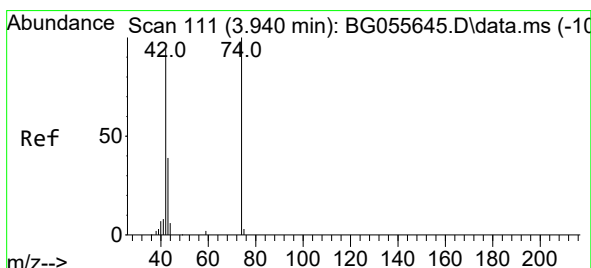
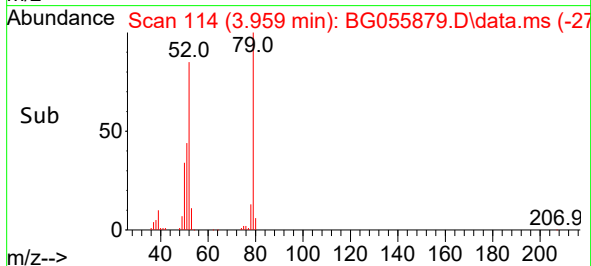
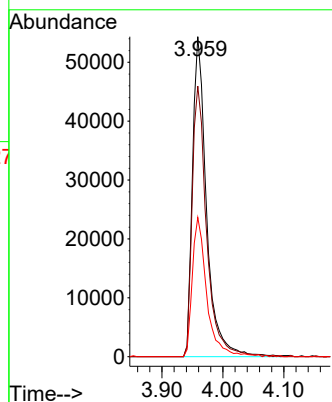
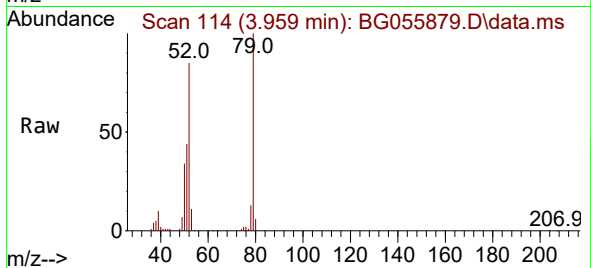
Tgt Ion: 79 Resp: 87146

Ion Ratio Lower Upper

79 100

52 84.5 68.9 103.3

51 43.5 34.8 52.2



#4

n-Nitrosodimethylamine

Concen: 42.976 ng

RT: 3.871 min Scan# 99

Delta R.T. -0.016 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

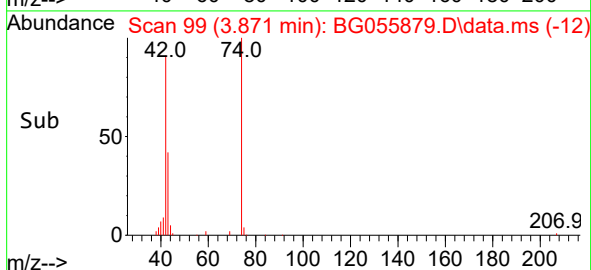
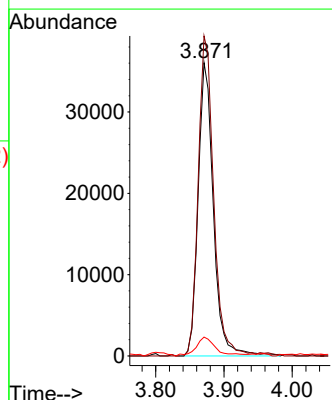
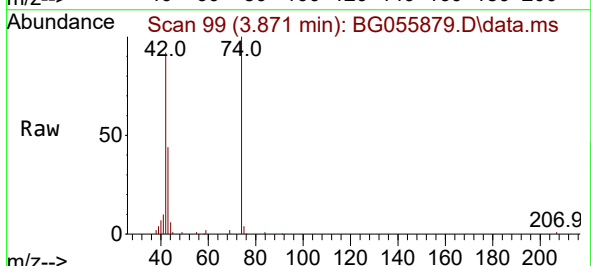
Tgt Ion: 42 Resp: 56109

Ion Ratio Lower Upper

42 100

74 109.1 84.7 127.1

44 6.5 5.4 8.0

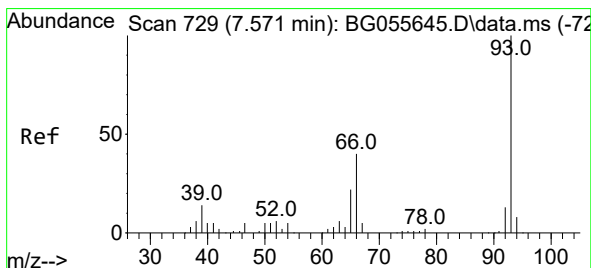
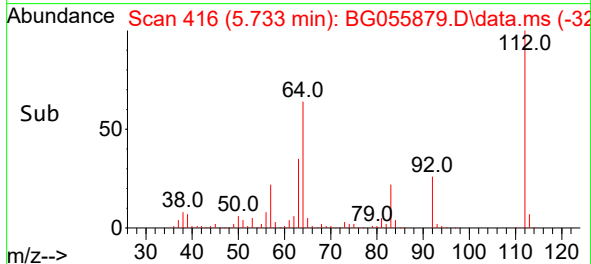
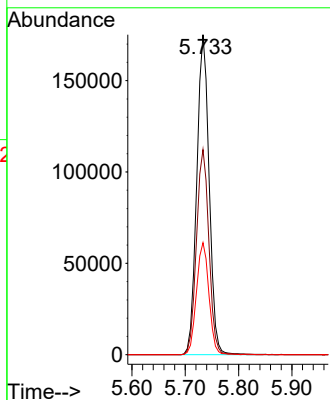
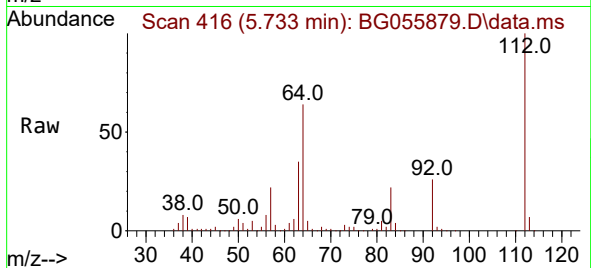




#5
2-Fluorophenol
Concen: 150.160 ng
RT: 5.733 min Scan# 416
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

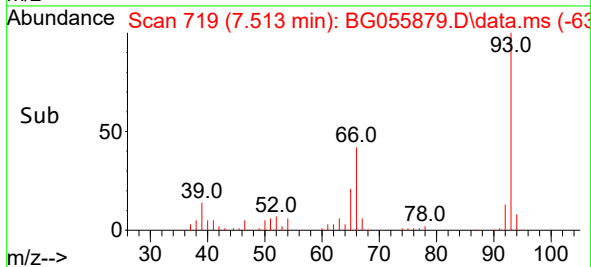
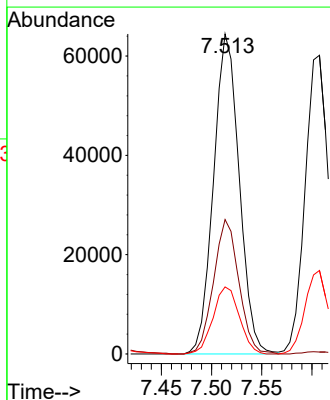
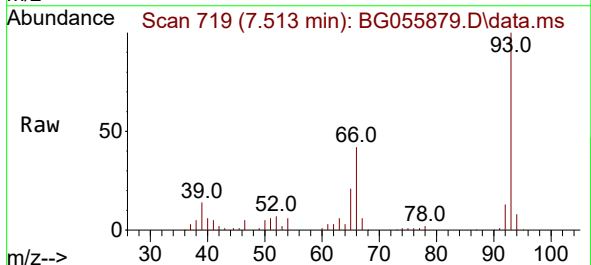
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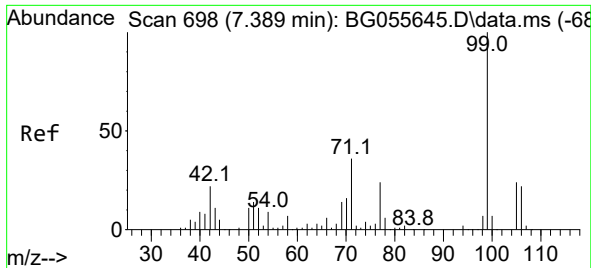
Tgt Ion:112 Resp: 282447
Ion Ratio Lower Upper
112 100
64 64.1 50.6 76.0
63 35.0 27.5 41.3



#6
Aniline
Concen: 36.417 ng
RT: 7.513 min Scan# 719
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion: 93 Resp: 114529
Ion Ratio Lower Upper
93 100
66 42.0 31.7 47.5
65 20.9 17.9 26.9

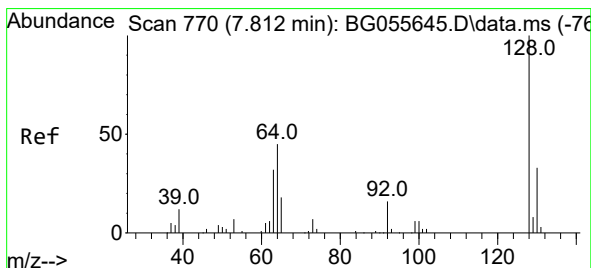
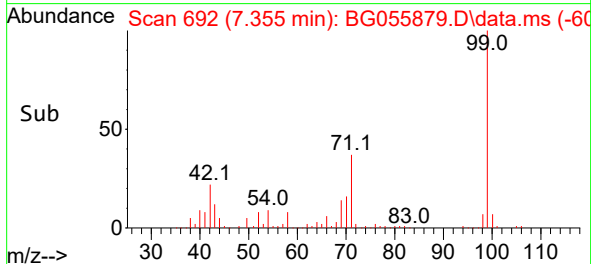
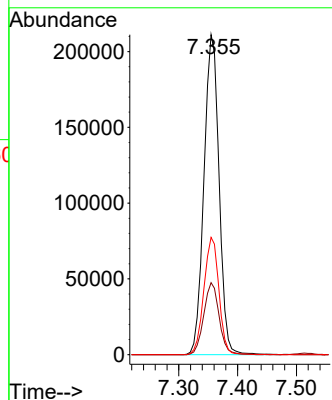
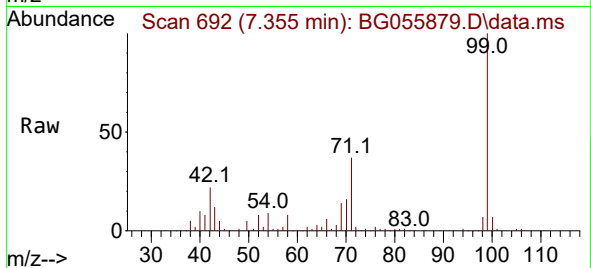




#7
Phenol-d6
Concen: 150.387 ng
RT: 7.355 min Scan# 692
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

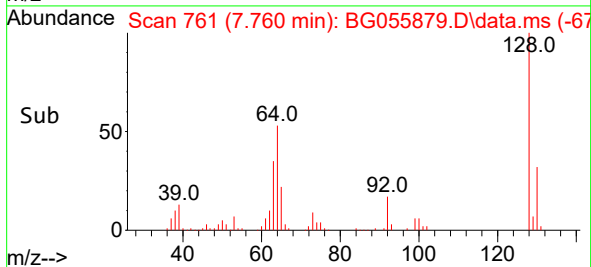
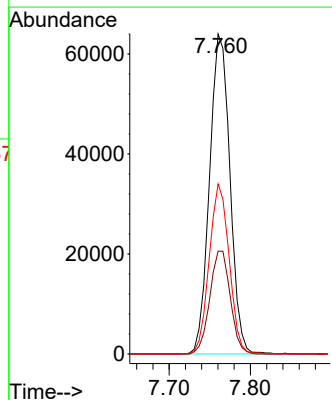
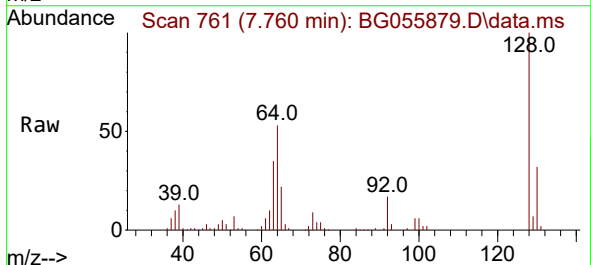
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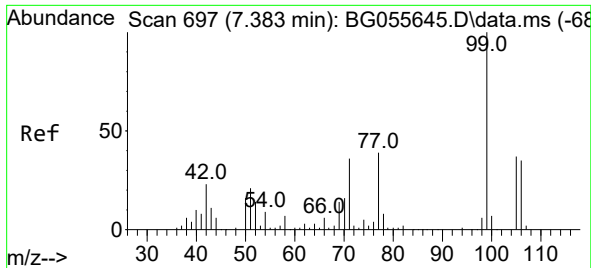
Tgt Ion: 99 Resp: 376551
Ion Ratio Lower Upper
99 100
42 22.5 18.0 27.0
71 36.7 29.0 43.6



#8
2-Chlorophenol
Concen: 51.896 ng
RT: 7.760 min Scan# 761
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:128 Resp: 111591
Ion Ratio Lower Upper
128 100
130 32.1 13.1 53.1
64 53.2 30.2 70.2

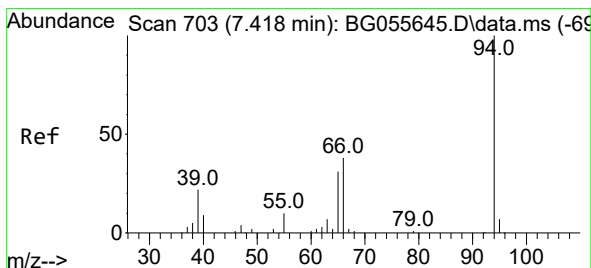
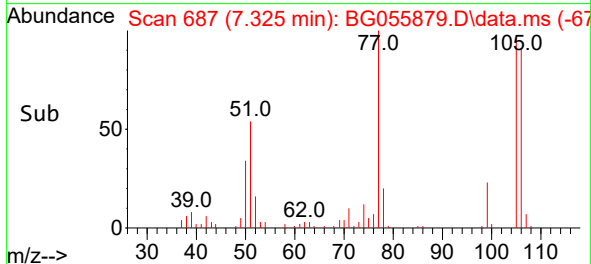
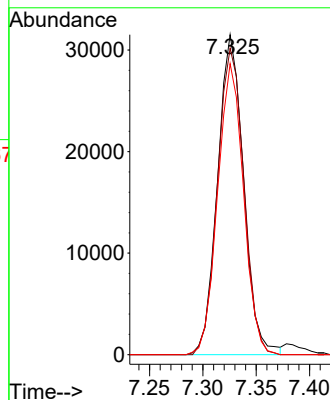
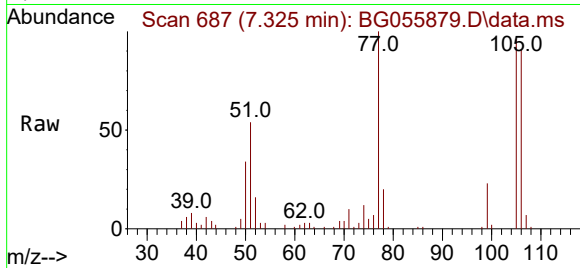




#9
Benzaldehyde
Concen: 31.327 ng
RT: 7.325 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

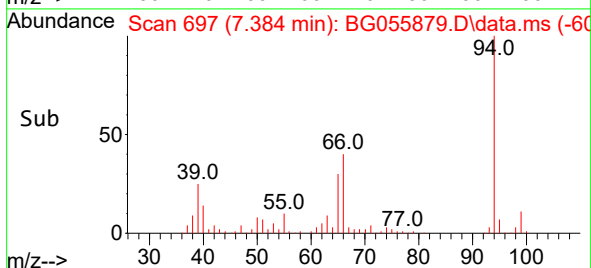
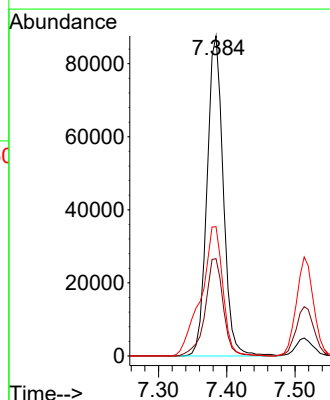
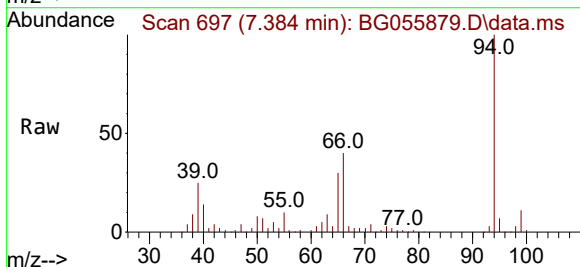
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ClientSampleId :
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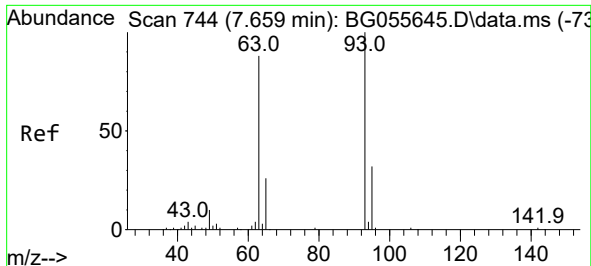
Tgt Ion: 77 Resp: 53271
Ion Ratio Lower Upper
77 100
105 95.7 76.3 116.3
106 90.9 69.8 109.8



#10
Phenol
Concen: 51.649 ng
RT: 7.384 min Scan# 697
Delta R.T. -0.005 min
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Tgt Ion: 94 Resp: 144803
Ion Ratio Lower Upper
94 100
65 30.4 11.8 51.8
66 40.4 20.5 60.5

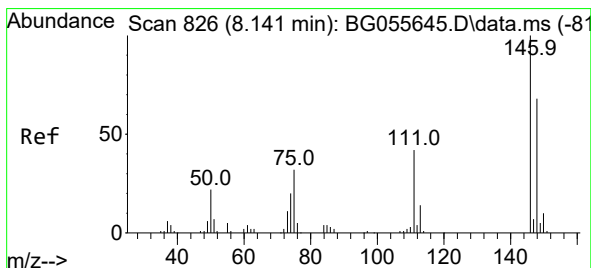
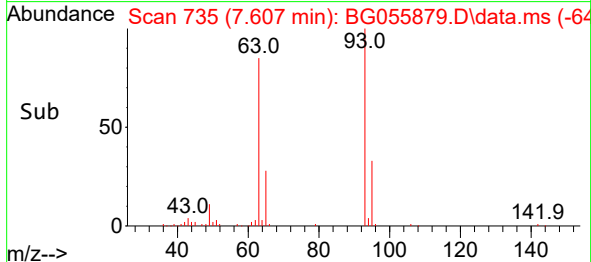
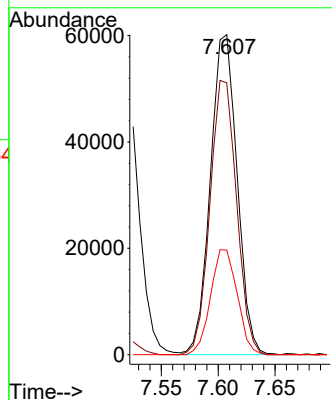
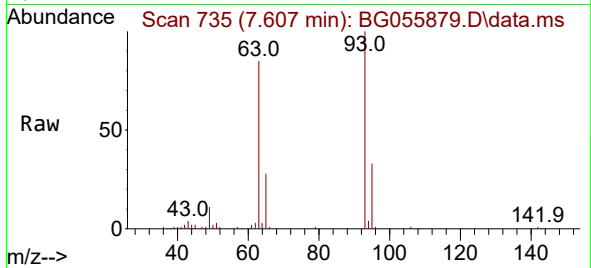




#11
bis(2-Chloroethyl)ether
Concen: 45.896 ng
RT: 7.607 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

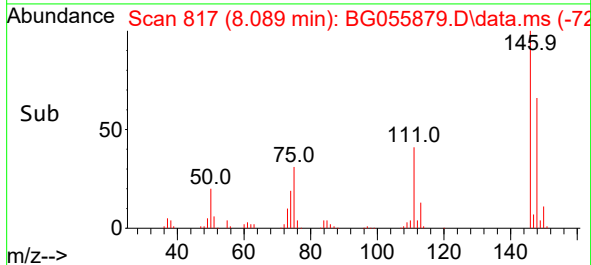
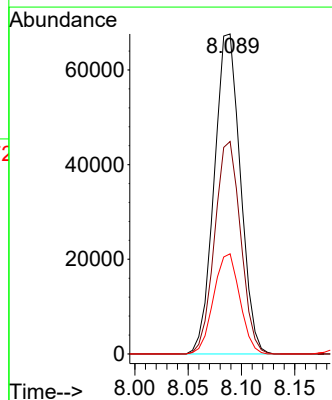
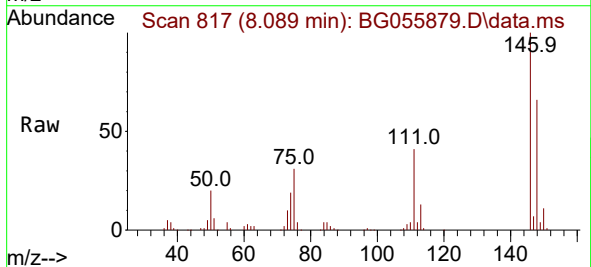
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

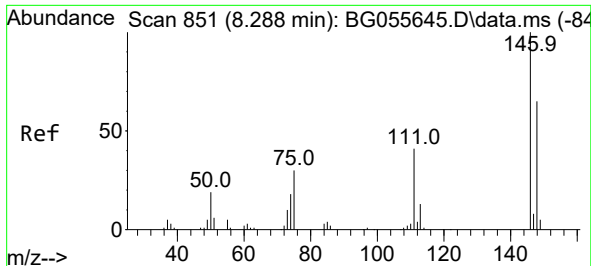
Tgt Ion: 93 Resp: 98608
Ion Ratio Lower Upper
93 100
63 85.0 67.6 107.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 45.606 ng
RT: 8.089 min Scan# 817
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:146 Resp: 115298
Ion Ratio Lower Upper
146 100
148 66.4 54.6 81.8
75 31.3 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 45.565 ng

RT: 8.236 min Scan# 84

Delta R.T. -0.010 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

PE-5MSD

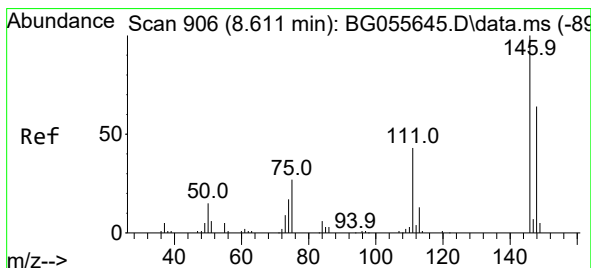
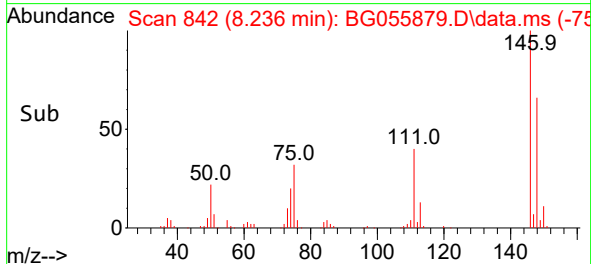
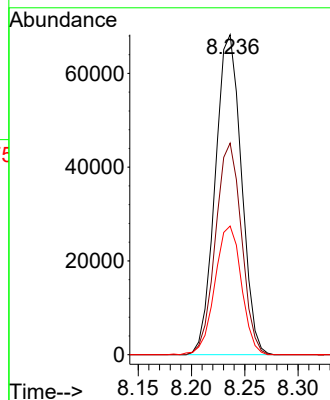
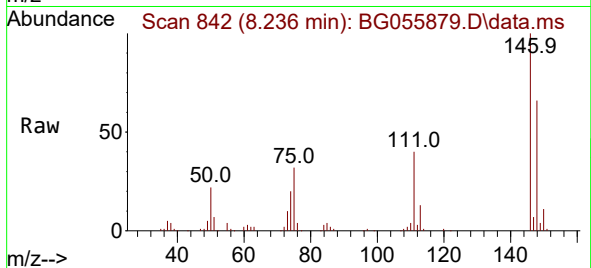
Tgt Ion:146 Resp: 116403

Ion Ratio Lower Upper

146 100

148 66.1 52.1 78.1

111 40.2 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 46.803 ng

RT: 8.559 min Scan# 897

Delta R.T. -0.005 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

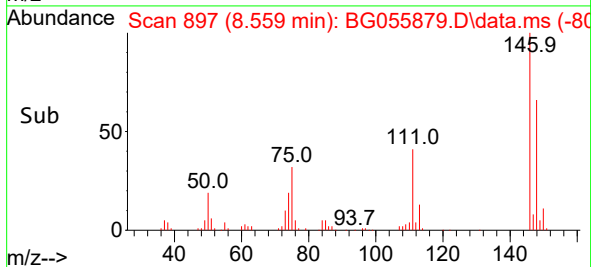
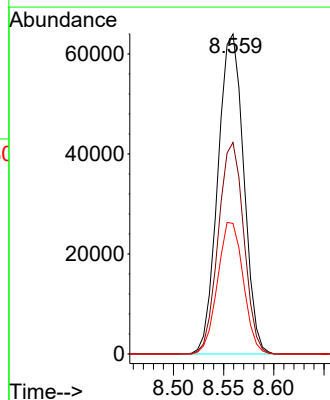
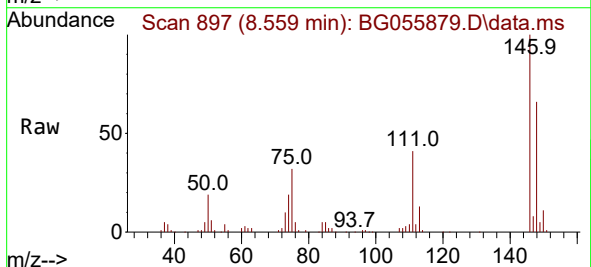
Tgt Ion:146 Resp: 114576

Ion Ratio Lower Upper

146 100

148 66.1 50.9 76.3

111 40.8 34.5 51.7

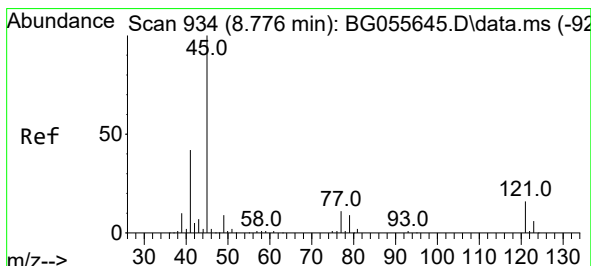
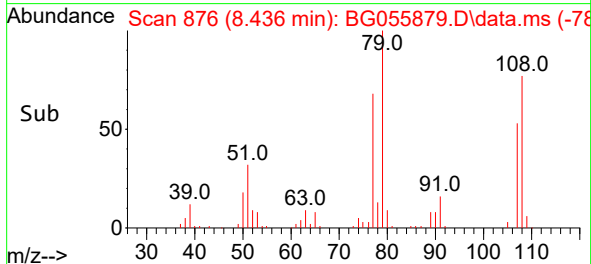
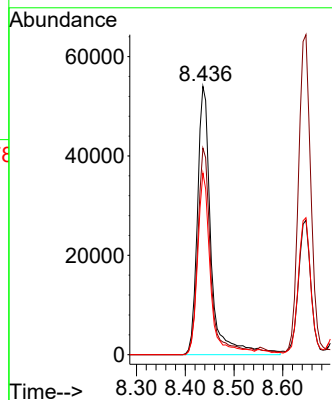
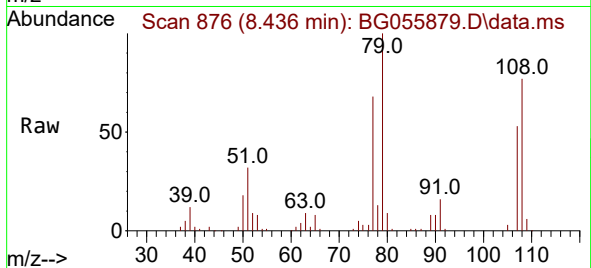




#15
Benzyl Alcohol
Concen: 51.713 ng
RT: 8.436 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

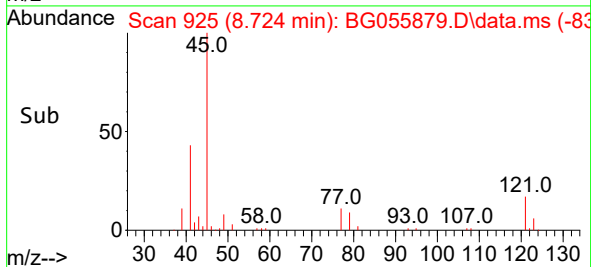
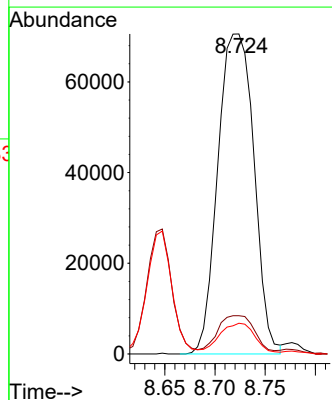
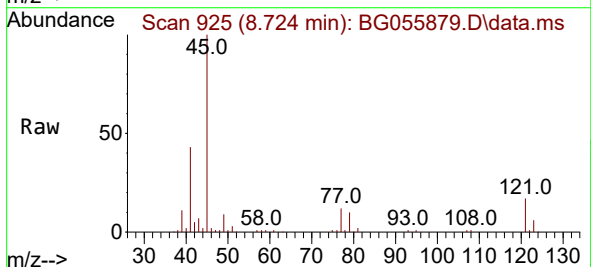
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

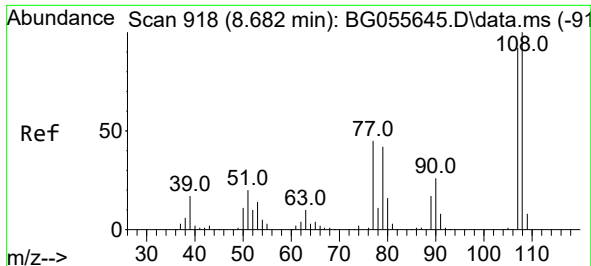
Tgt Ion: 79 Resp: 105233
Ion Ratio Lower Upper
79 100
108 77.0 62.6 93.8
77 67.7 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.358 ng
RT: 8.724 min Scan# 925
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion: 45 Resp: 176419
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.7
79 9.6 0.0 29.5

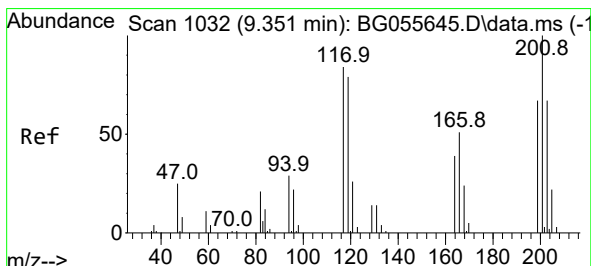
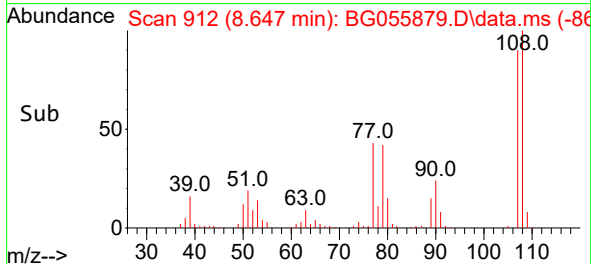
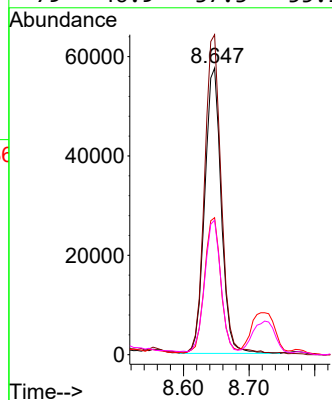
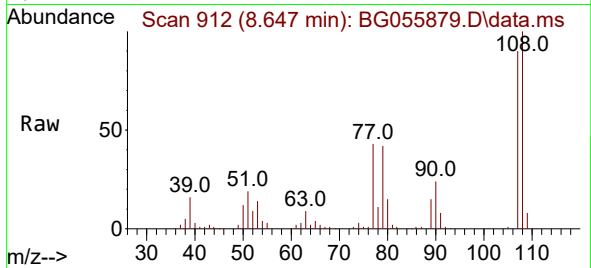




#17
2-Methylphenol
Concen: 50.477 ng
RT: 8.647 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

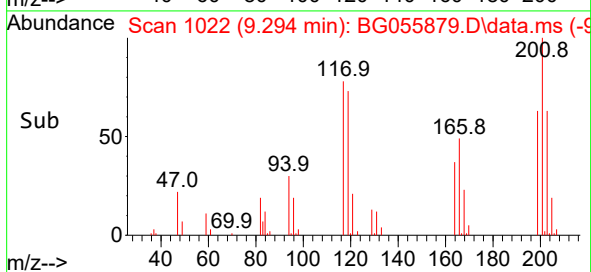
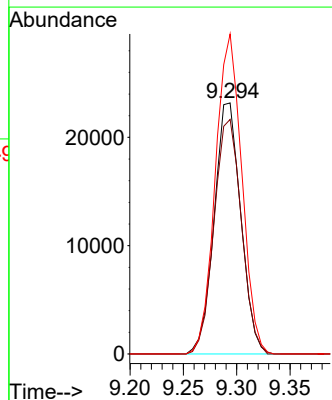
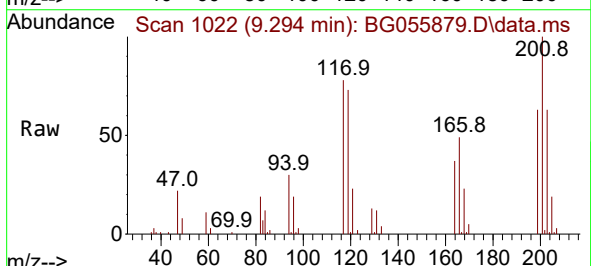
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

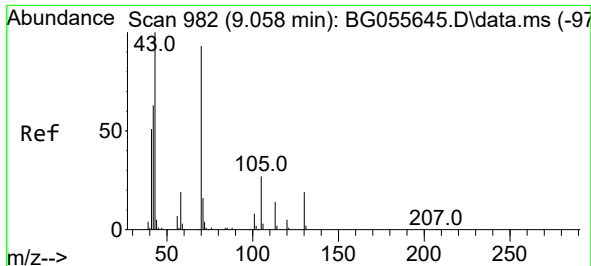
Tgt Ion:107 Resp: 100472
Ion Ratio Lower Upper
107 100
108 111.6 87.3 130.9
77 47.8 39.4 59.0
79 46.9 37.3 55.9



#18
Hexachloroethane
Concen: 45.830 ng
RT: 9.294 min Scan# 1022
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:117 Resp: 40297
Ion Ratio Lower Upper
117 100
119 93.4 76.0 114.0
201 127.5 98.6 148.0

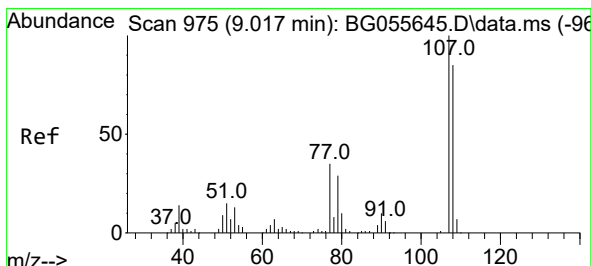
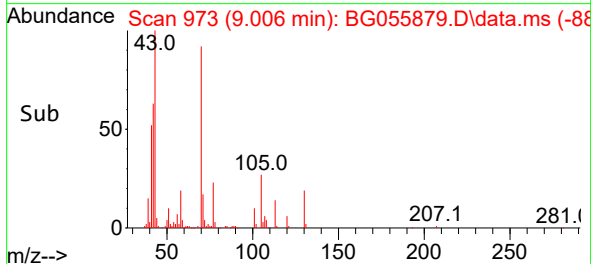
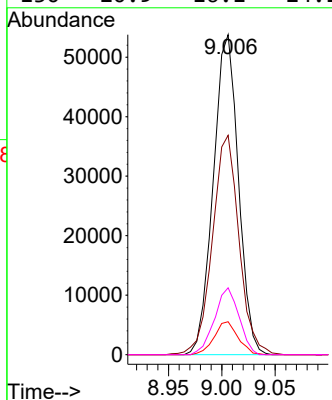
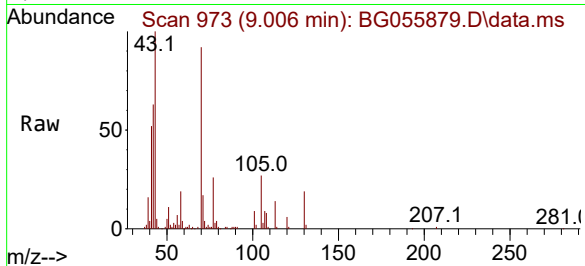




#19
n-Nitroso-di-n-propylamine
Concen: 45.732 ng
RT: 9.006 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

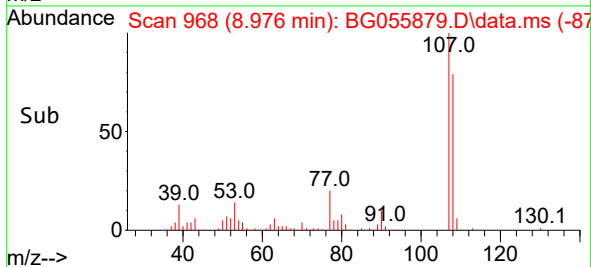
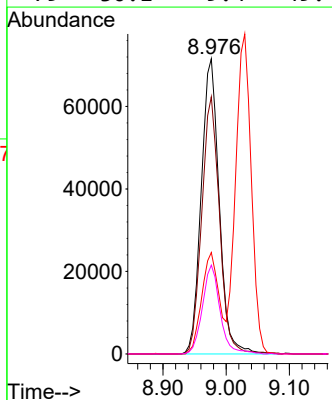
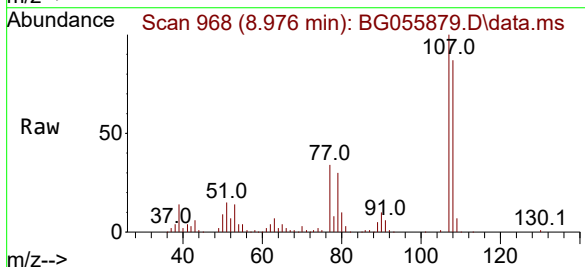
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

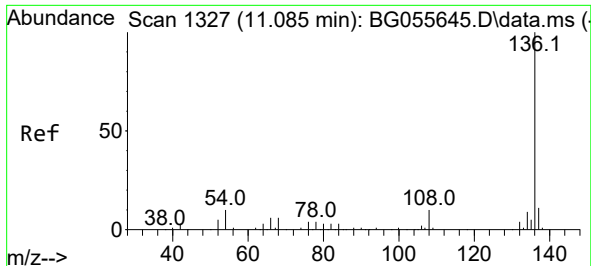
Tgt Ion: 70 Resp: 87981
Ion Ratio Lower Upper
70 100
42 68.5 55.2 82.8
101 10.3 7.1 10.7
130 20.9 16.1 24.1



#20
3+4-Methylphenols
Concen: 50.868 ng
RT: 8.976 min Scan# 968
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion: 107 Resp: 141438
Ion Ratio Lower Upper
107 100
108 87.1 65.5 105.5
77 34.4 14.6 54.6
79 30.1 9.4 49.4

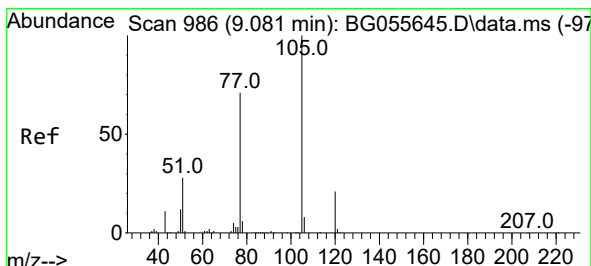
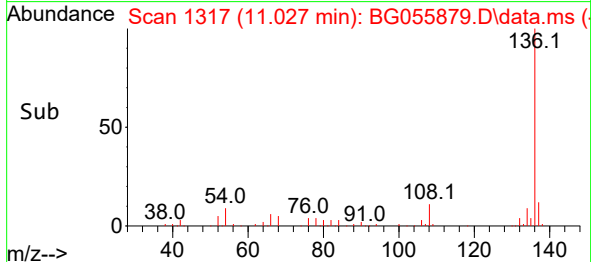
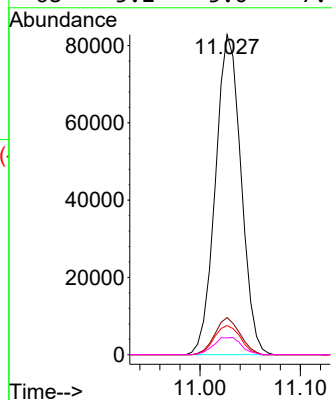
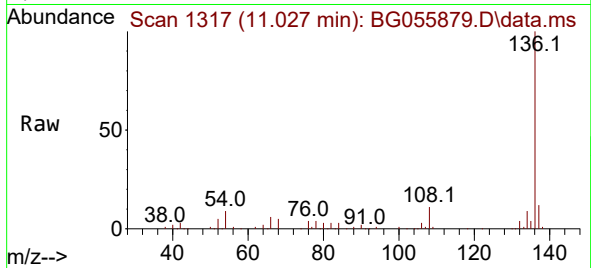




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.027 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

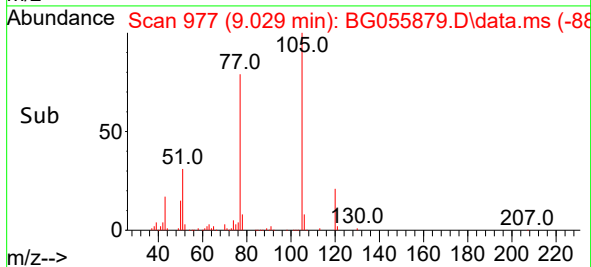
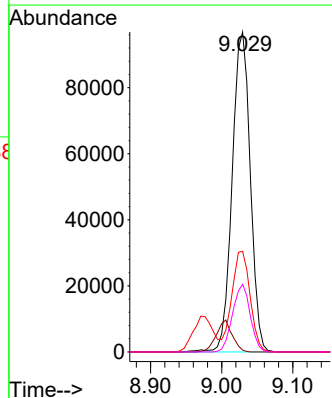
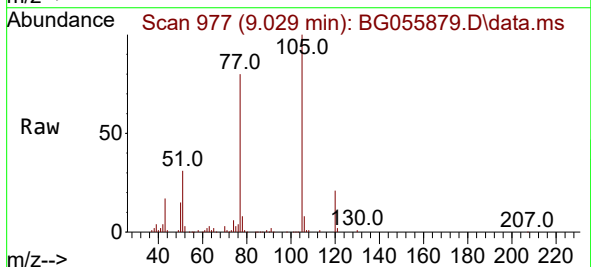
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

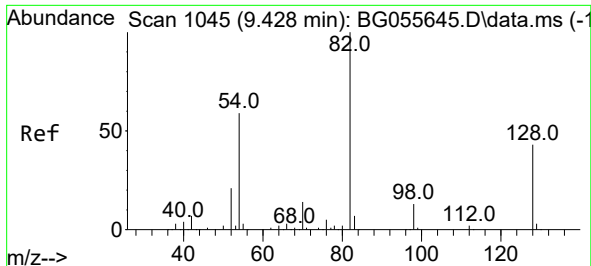
Tgt Ion:136 Resp: 146577
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 9.1 7.8 11.6
68 5.2 5.0 7.4



#22
Acetophenone
Concen: 44.957 ng
RT: 9.029 min Scan# 977
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:105 Resp: 171231
Ion Ratio Lower Upper
105 100
71 0.6 0.6 1.0#
51 31.5 24.5 36.7
120 21.2 16.6 25.0

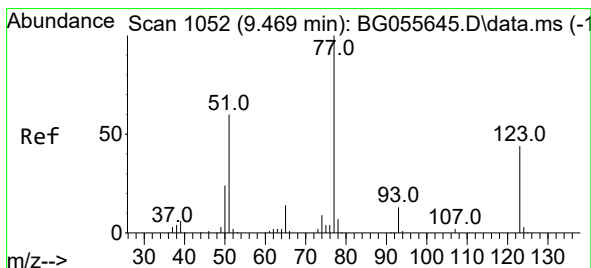
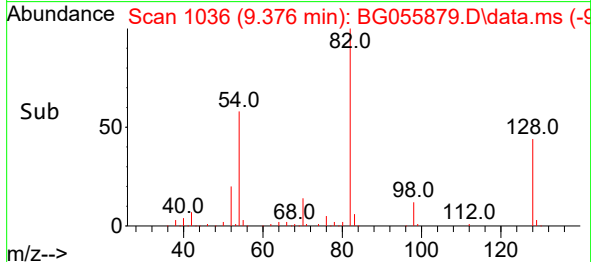
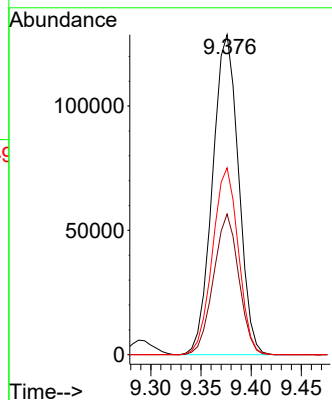
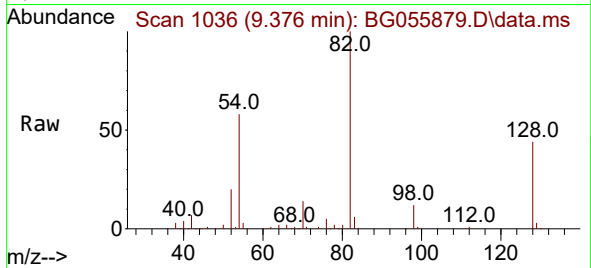




#23
Nitrobenzene-d5
Concen: 83.704 ng
RT: 9.376 min Scan# 1043
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

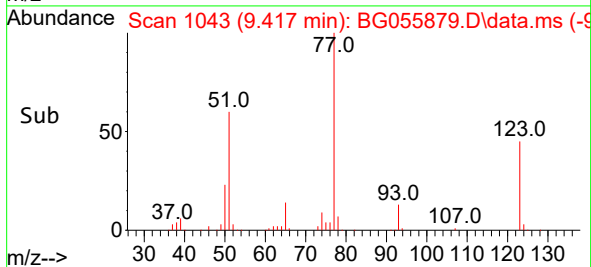
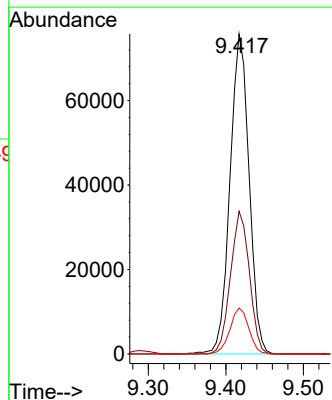
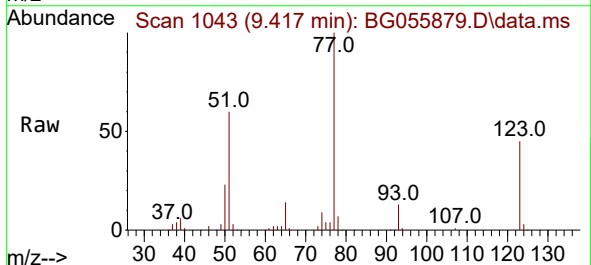
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

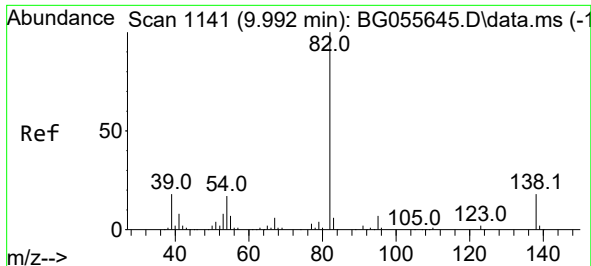
Tgt Ion: 82 Resp: 232128
Ion Ratio Lower Upper
82 100
128 43.9 34.1 51.1
54 58.4 47.3 70.9



#24
Nitrobenzene
Concen: 44.722 ng
RT: 9.417 min Scan# 1043
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion: 77 Resp: 129544
Ion Ratio Lower Upper
77 100
123 44.6 35.5 53.3
65 14.4 11.5 17.3

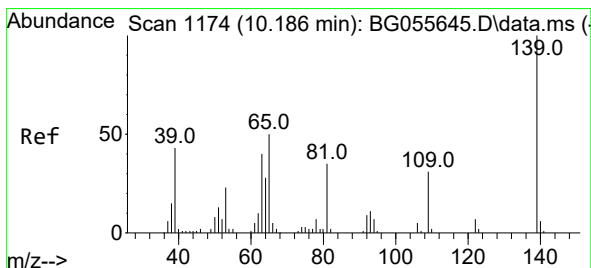
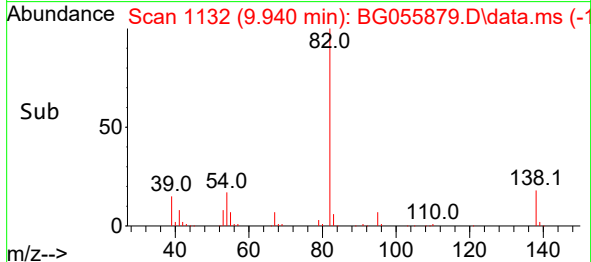
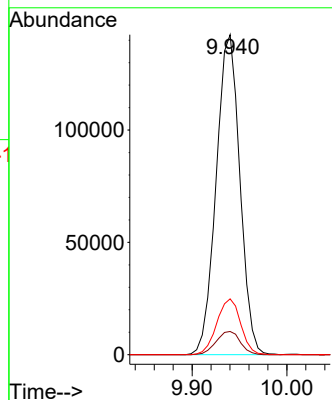
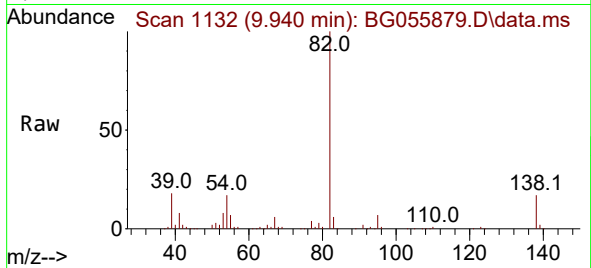




#25
Isophorone
Concen: 47.075 ng
RT: 9.940 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

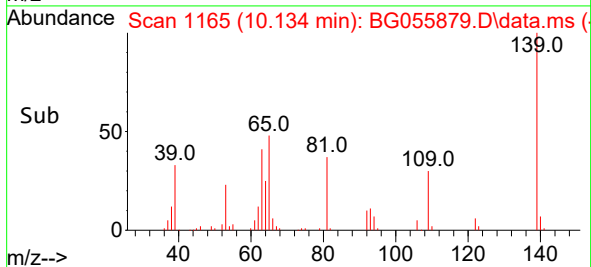
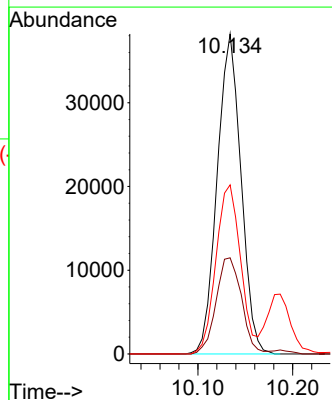
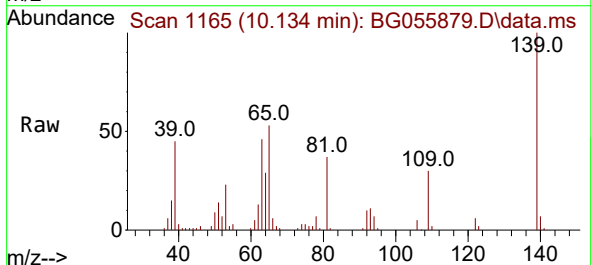
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

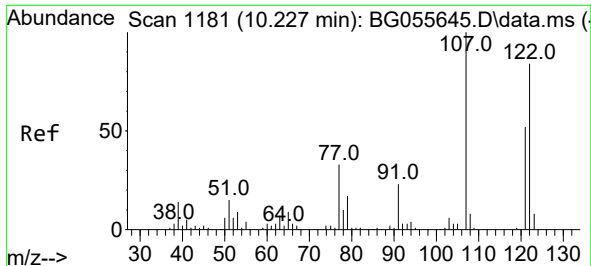
Tgt Ion: 82 Resp: 247353
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.5 14.2 21.4



#26
2-Nitrophenol
Concen: 49.906 ng
RT: 10.134 min Scan# 1165
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:139 Resp: 66735
Ion Ratio Lower Upper
139 100
109 30.0 24.4 36.6
65 52.9 40.2 60.2

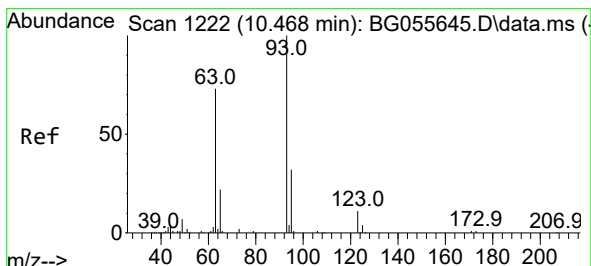
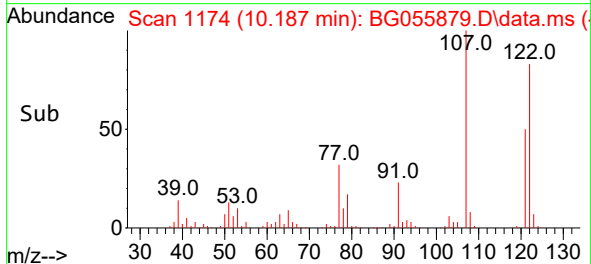
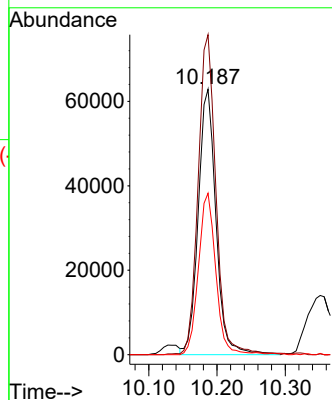
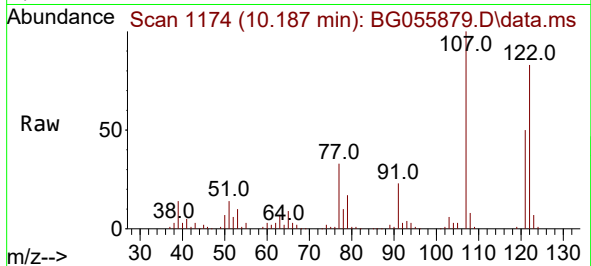




#27
2,4-Dimethylphenol
Concen: 55.839 ng
RT: 10.187 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

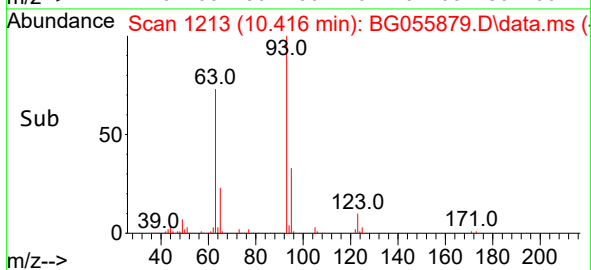
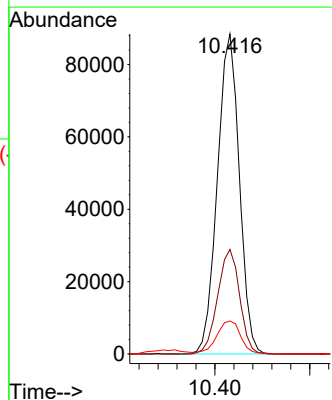
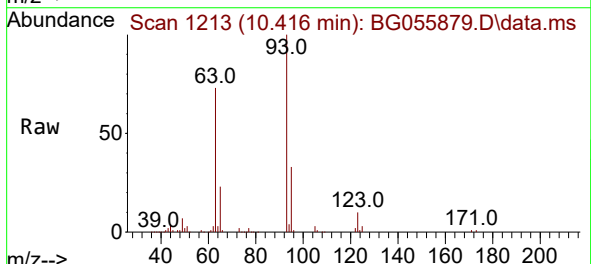
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

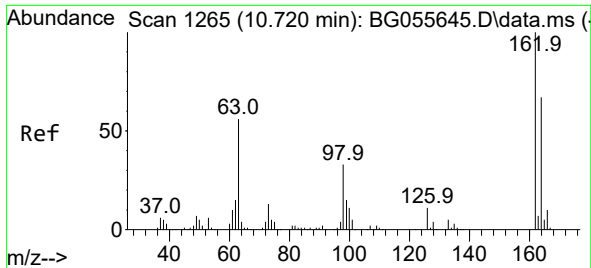
Tgt Ion:122 Resp: 113642
Ion Ratio Lower Upper
122 100
107 120.5 95.8 143.6
121 60.8 49.6 74.4



#28
bis(2-Chloroethoxy)methane
Concen: 50.467 ng
RT: 10.416 min Scan# 1213
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion: 93 Resp: 142359
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 10.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 49.189 ng

RT: 10.674 min Scan# 11

Delta R.T. -0.010 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

PE-5MSD

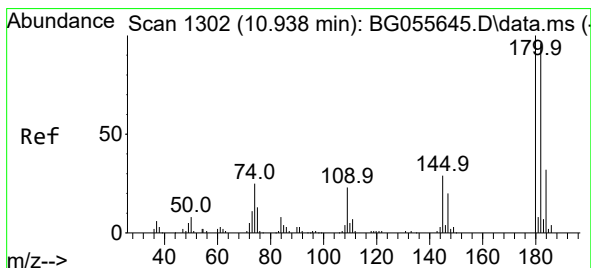
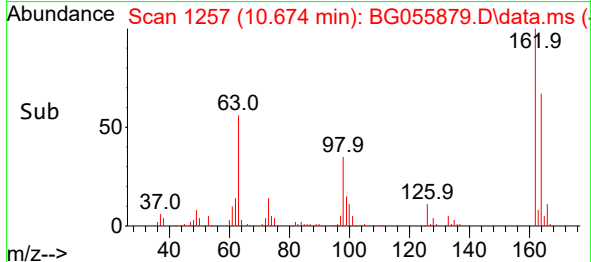
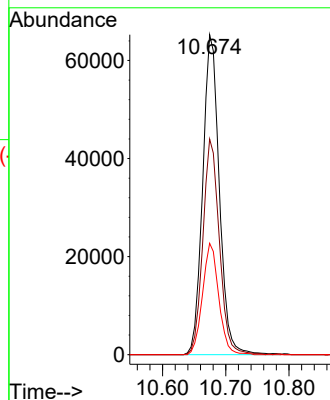
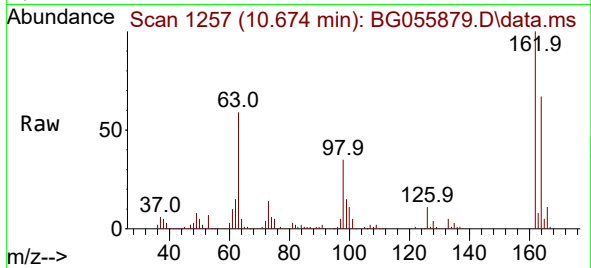
Tgt Ion:162 Resp: 119820

Ion Ratio Lower Upper

162 100

164 67.4 46.7 86.7

98 34.8 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 44.122 ng

RT: 10.886 min Scan# 1293

Delta R.T. -0.010 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

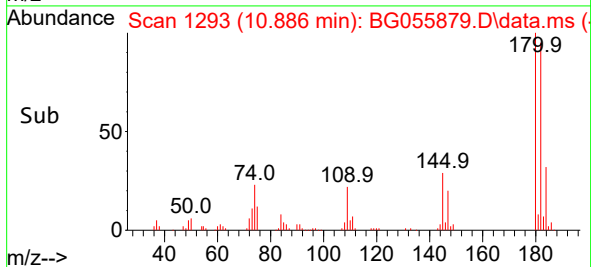
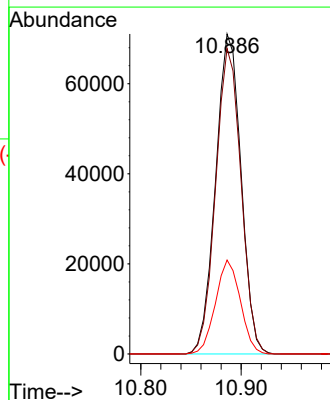
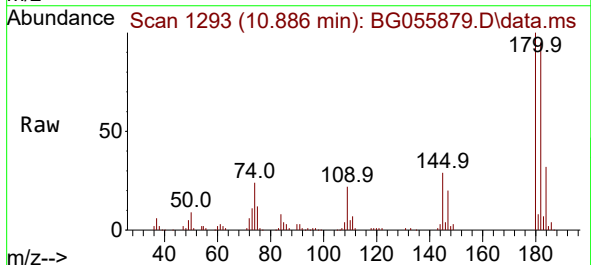
Tgt Ion:180 Resp: 124864

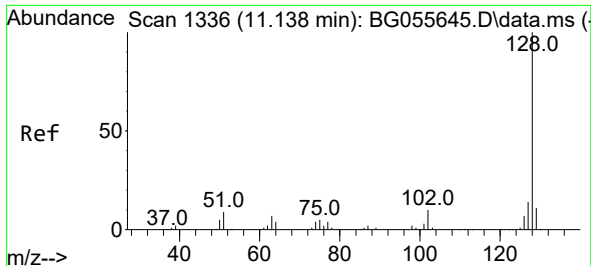
Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

145 29.4 22.9 34.3

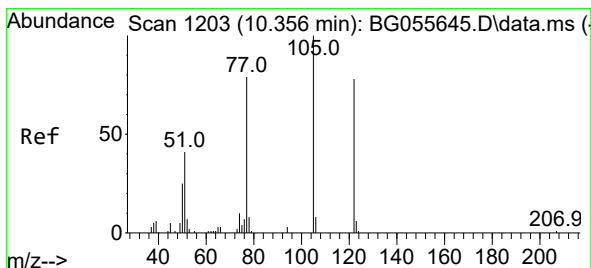
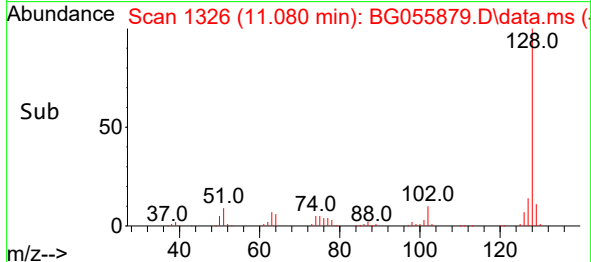
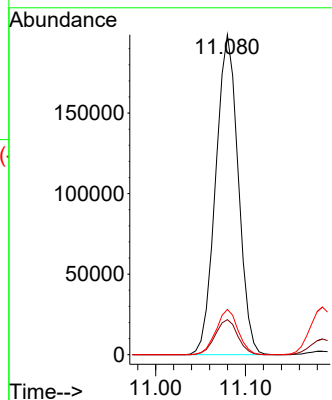
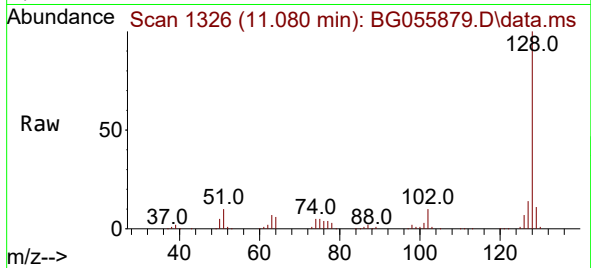




#31
Naphthalene
Concen: 43.654 ng
RT: 11.080 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

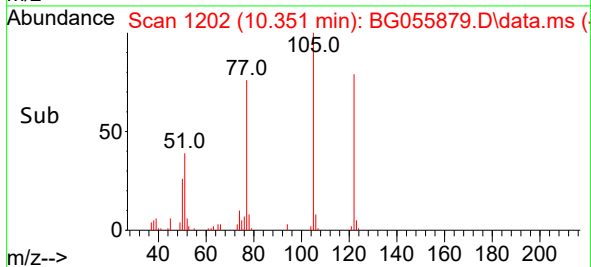
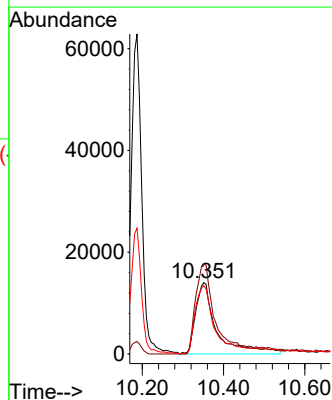
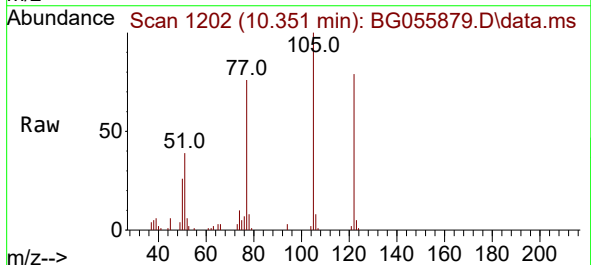
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

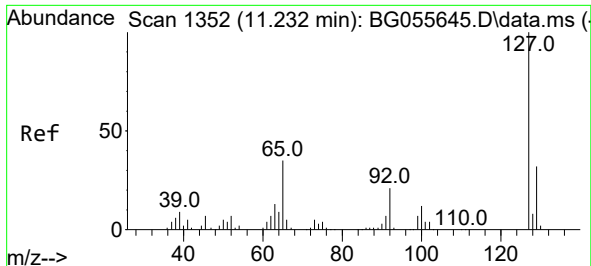
Tgt Ion:128 Resp: 345901
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 14.1 10.9 16.3



#32
Benzoic acid
Concen: 30.186 ng
RT: 10.351 min Scan# 1202
Delta R.T. 0.019 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:122 Resp: 50543
Ion Ratio Lower Upper
122 100
105 126.2 104.3 144.3
77 96.1 79.9 119.9

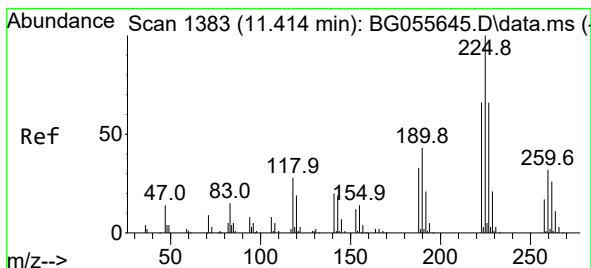
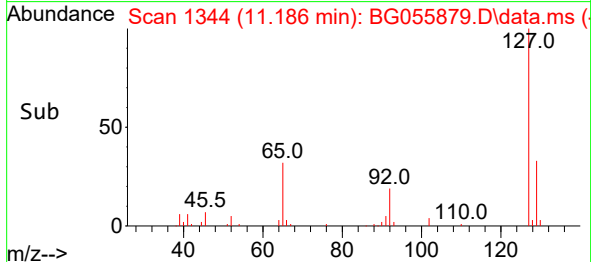
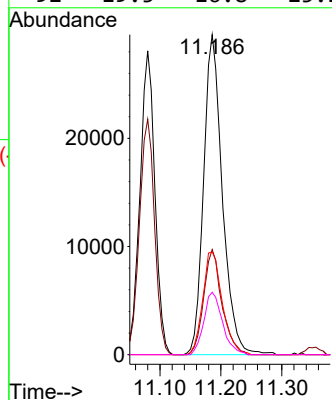
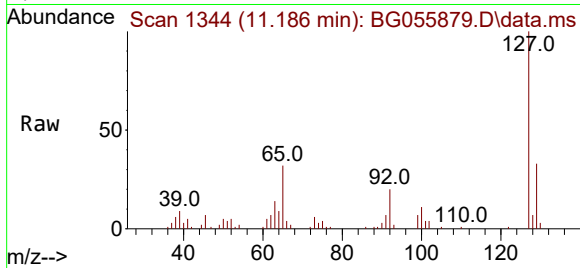




#33
4-Chloroaniline
Concen: 19.385 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

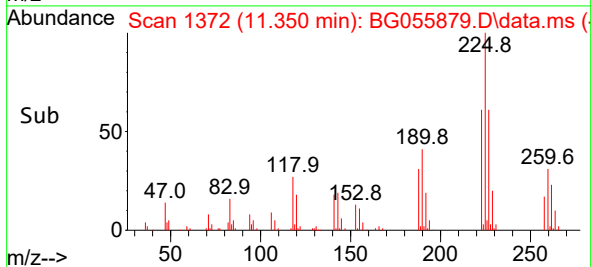
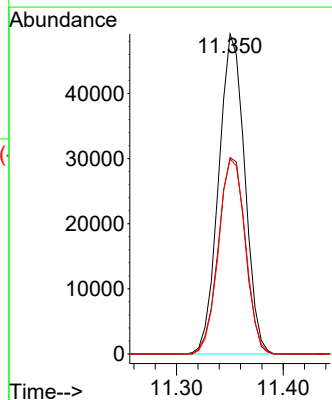
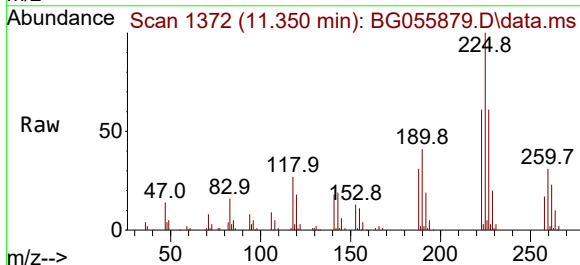
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

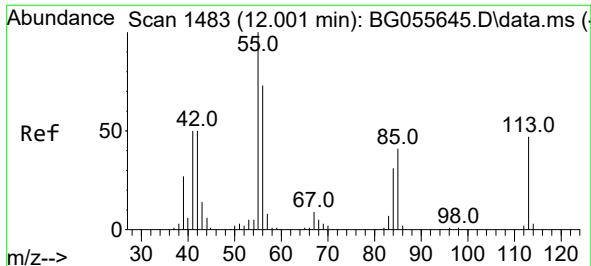
Tgt Ion:	127	Resp:	63362
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	32.2	27.9	41.9
92	19.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.157 ng
RT: 11.350 min Scan# 1372
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:	225	Resp:	83398
Ion	Ratio	Lower	Upper
225	100		
223	61.3	52.9	79.3
227	60.9	52.6	79.0

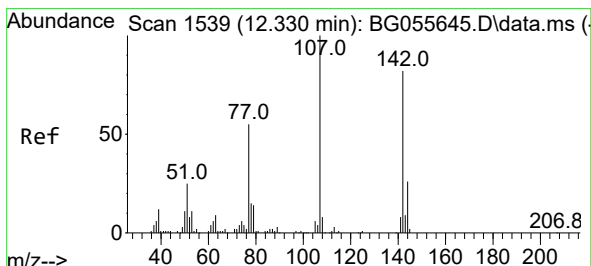
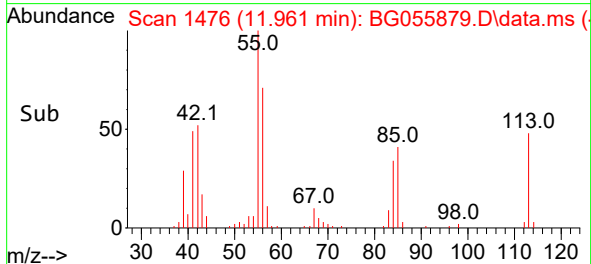
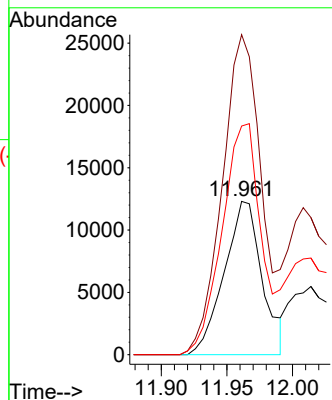
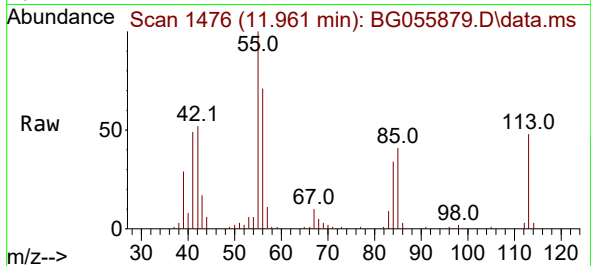




#35
 Caprolactam
 Concen: 29.281 ng
 RT: 11.961 min Scan# 1483
 Delta R.T. -0.010 min
 Lab File: BG055879.D
 Acq: 2 Dec 2022 18:28

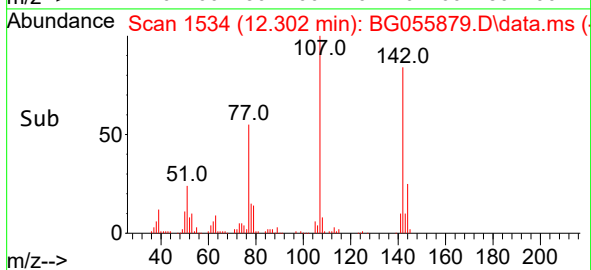
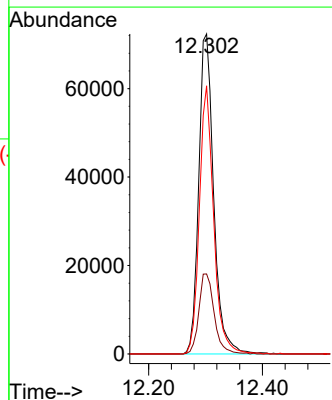
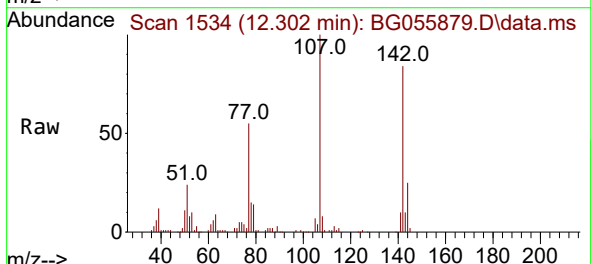
Instrument :
 BNA_G
 ClientSampleId :
 PE-5MSD

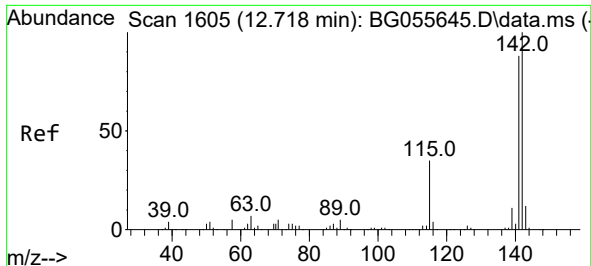
Tgt Ion:113 Resp: 24683
 Ion Ratio Lower Upper
 113 100
 55 208.7 193.5 233.5
 56 149.1 135.2 175.2



#36
 4-Chloro-3-methylphenol
 Concen: 49.555 ng
 RT: 12.302 min Scan# 1534
 Delta R.T. -0.005 min
 Lab File: BG055879.D
 Acq: 2 Dec 2022 18:28

Tgt Ion:107 Resp: 132676
 Ion Ratio Lower Upper
 107 100
 144 25.0 21.0 31.4
 142 83.8 65.9 98.9





#37

2-Methylnaphthalene

Concen: 44.773 ng

RT: 12.672 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

PE-5MSD

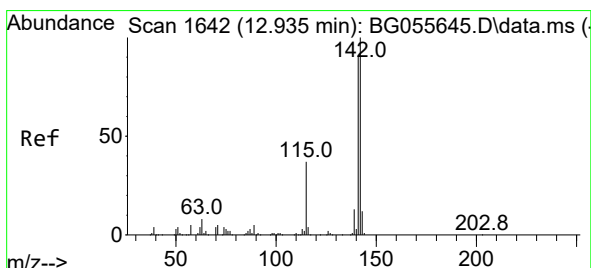
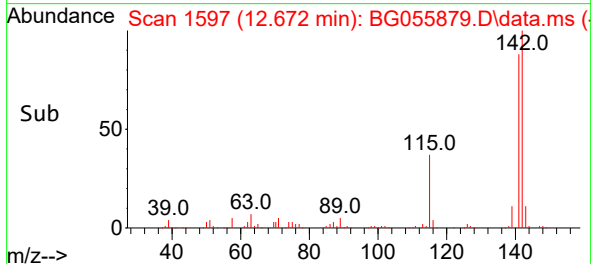
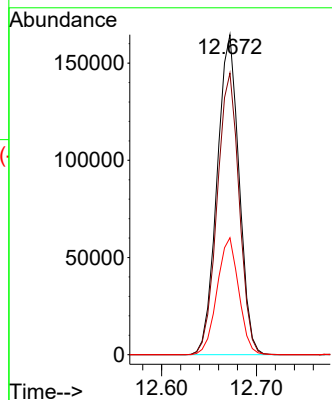
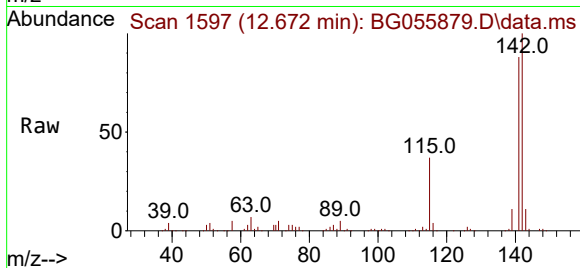
Tgt Ion:142 Resp: 265633

Ion Ratio Lower Upper

142 100

141 88.0 70.3 105.5

115 36.6 27.9 41.9



#38

1-Methylnaphthalene

Concen: 43.472 ng

RT: 12.890 min Scan# 1634

Delta R.T. -0.005 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

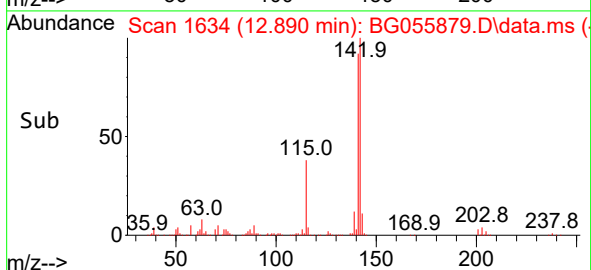
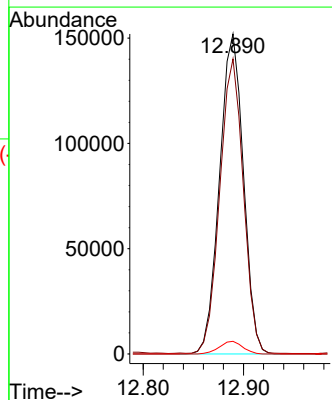
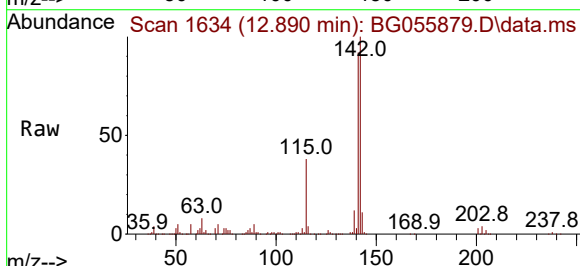
Tgt Ion:142 Resp: 250378

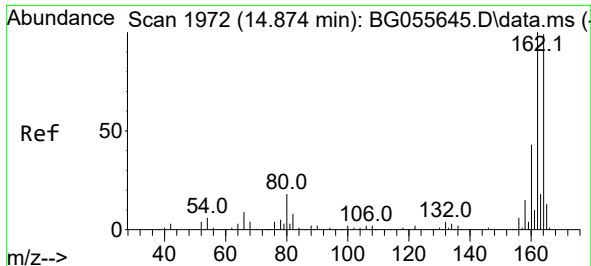
Ion Ratio Lower Upper

142 100

141 92.2 73.0 109.4

116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.828 min Scan# 1964

Delta R.T. -0.010 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

PE-5MSD

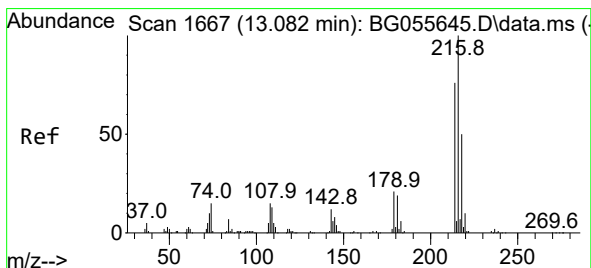
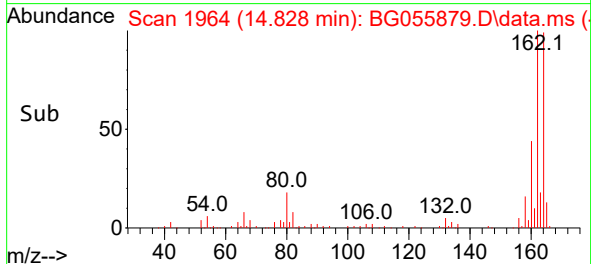
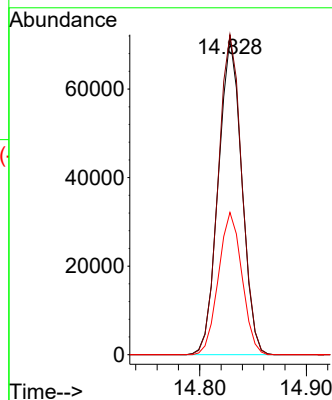
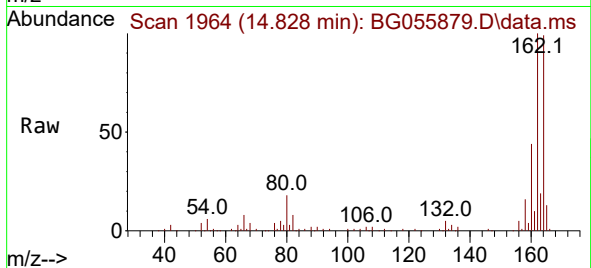
Tgt Ion:164 Resp: 108768

Ion Ratio Lower Upper

164 100

162 100.7 81.1 121.7

160 44.8 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.731 ng

RT: 13.036 min Scan# 1659

Delta R.T. -0.005 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Tgt Ion:216 Resp: 156311

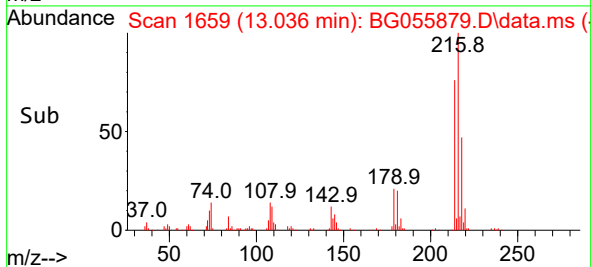
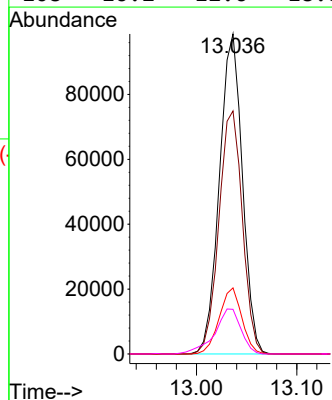
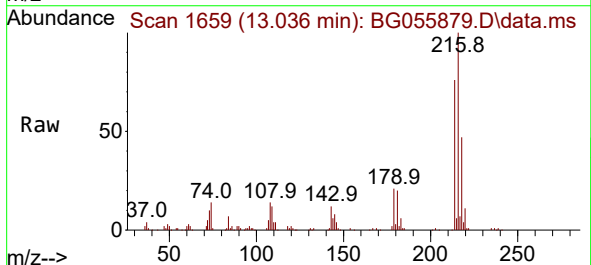
Ion Ratio Lower Upper

216 100

214 77.4 62.1 93.1

179 20.3 16.5 24.7

108 16.2 12.6 18.8

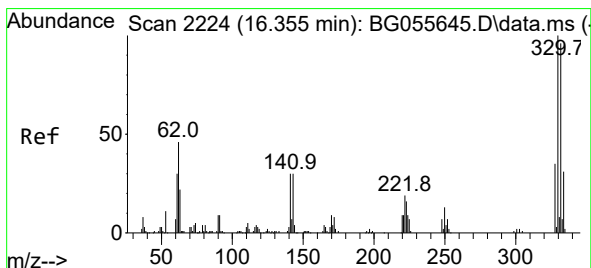
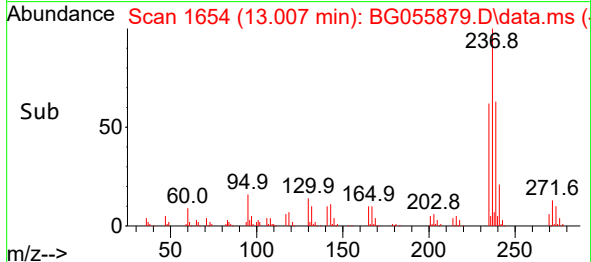
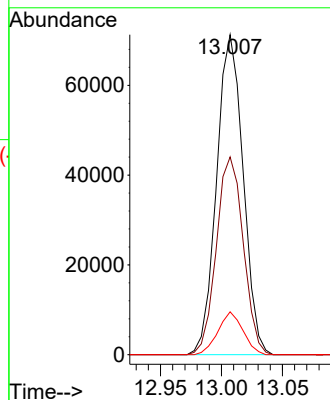
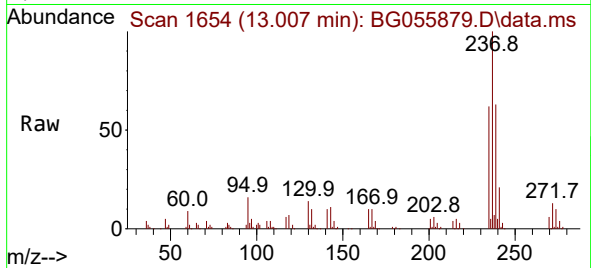




#41
Hexachlorocyclopentadiene
Concen: 62.608 ng
RT: 13.007 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

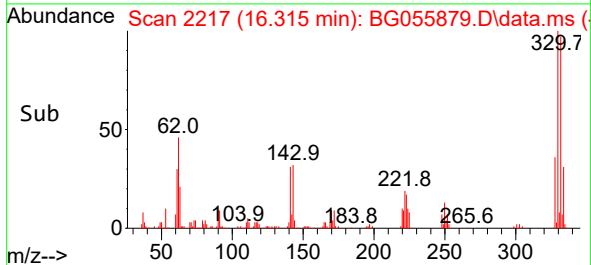
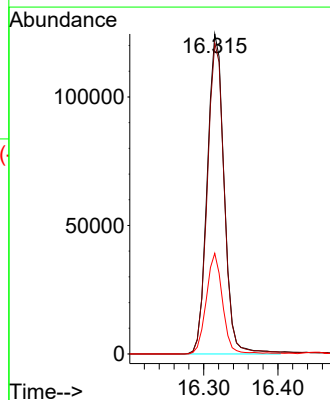
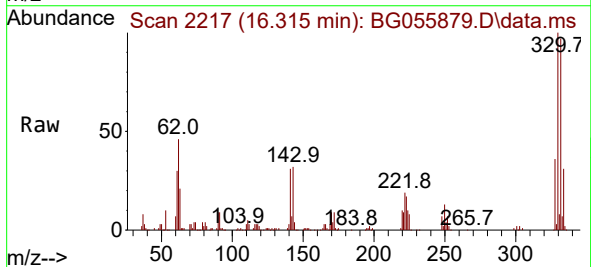
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

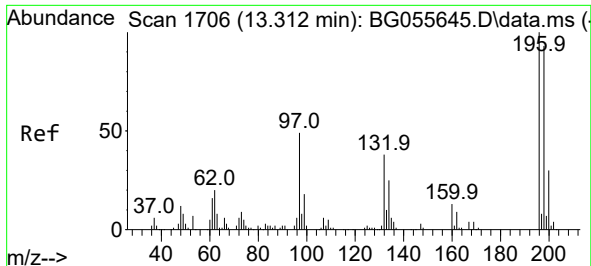
Tgt Ion:237 Resp: 107857
Ion Ratio Lower Upper
237 100
235 61.8 43.7 83.7
272 13.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 128.815 ng
RT: 16.315 min Scan# 2217
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:330 Resp: 197292
Ion Ratio Lower Upper
330 100
332 98.8 77.8 116.8
141 30.6 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 44.510 ng

RT: 13.271 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

PE-5MSD

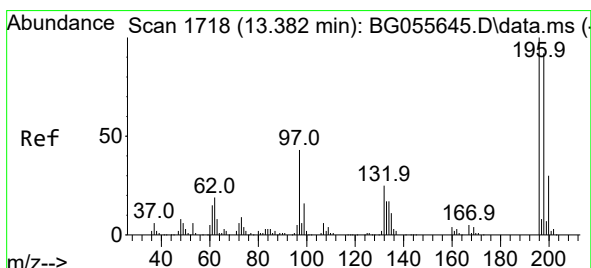
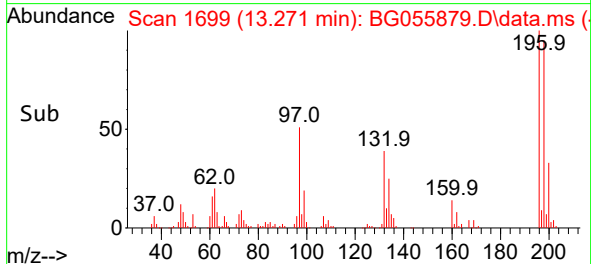
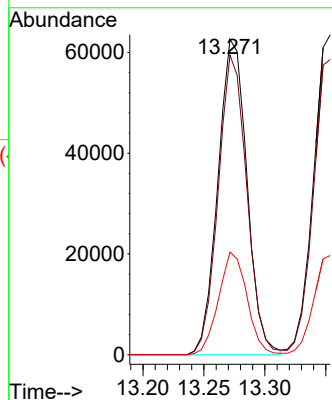
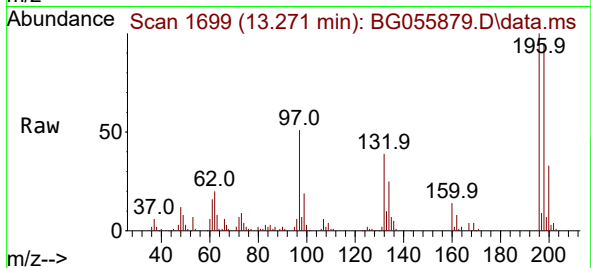
Tgt Ion:196 Resp: 103780

Ion Ratio Lower Upper

196 100

198 95.0 74.6 112.0

200 32.5 23.7 35.5



#44

2,4,5-Trichlorophenol

Concen: 43.616 ng

RT: 13.354 min Scan# 1713

Delta R.T. -0.005 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Tgt Ion:196 Resp: 111755

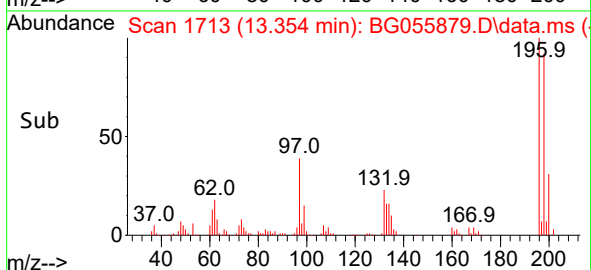
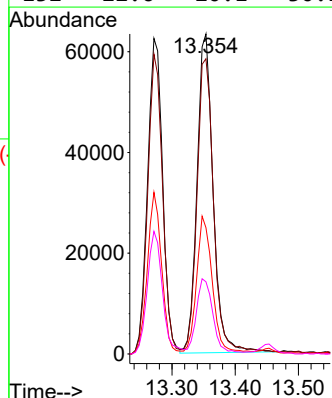
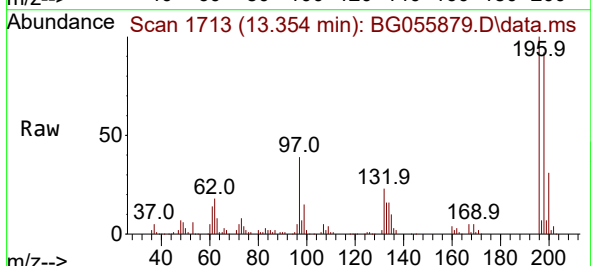
Ion Ratio Lower Upper

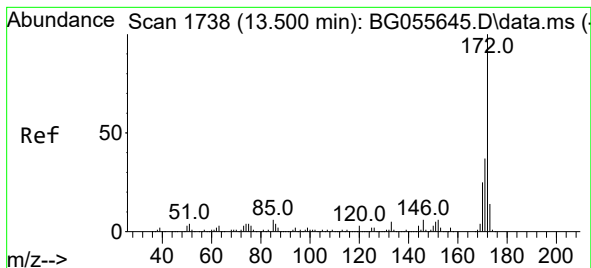
196 100

198 92.3 74.1 111.1

97 39.4 34.8 52.2

132 22.6 20.1 30.1





#45

2-Fluorobiphenyl

Concen: 80.589 ng

RT: 13.454 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

PE-5MSD

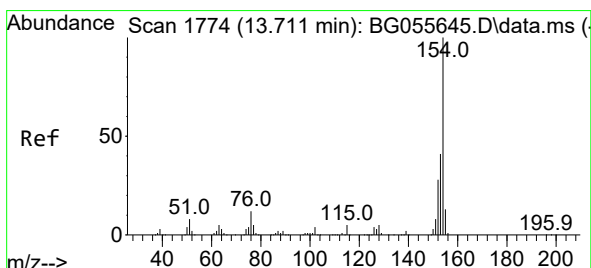
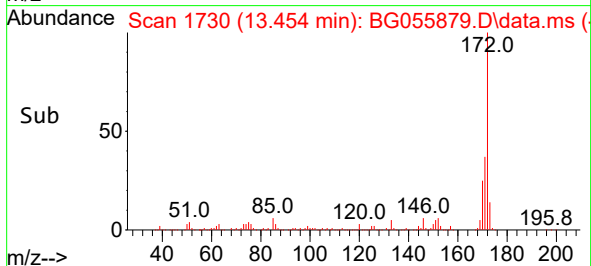
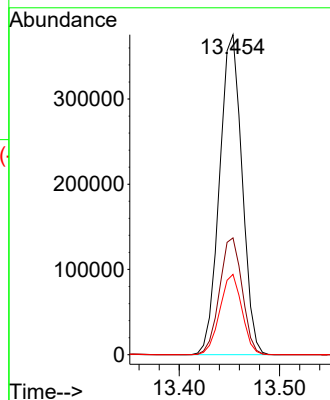
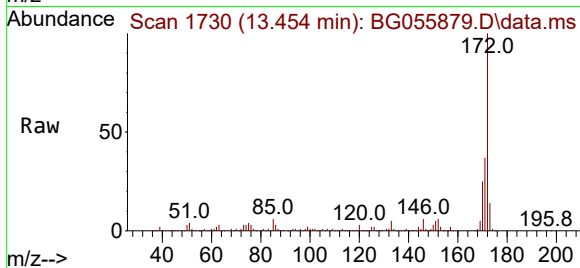
Tgt Ion:172 Resp: 585098

Ion Ratio Lower Upper

172 100

171 36.5 29.8 44.6

170 25.1 20.2 30.4



#46

1,1'-Biphenyl

Concen: 45.775 ng

RT: 13.665 min Scan# 1766

Delta R.T. -0.005 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

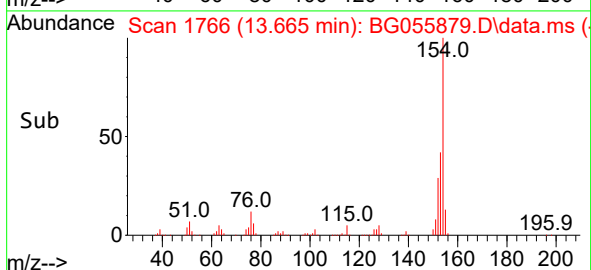
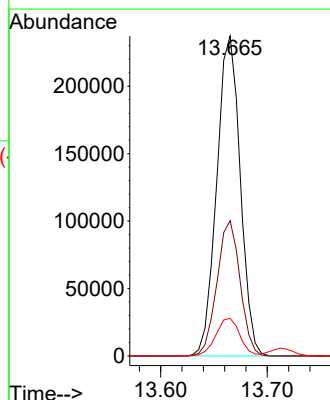
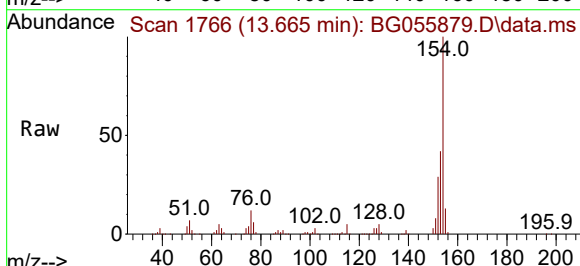
Tgt Ion:154 Resp: 362814

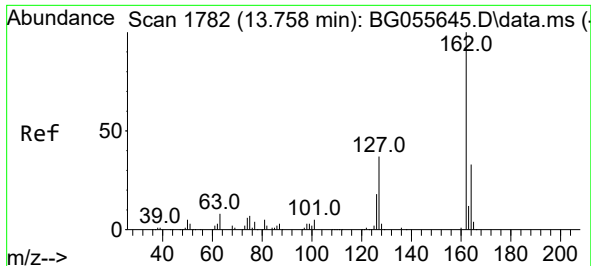
Ion Ratio Lower Upper

154 100

153 42.3 20.6 60.6

76 11.7 0.0 32.4

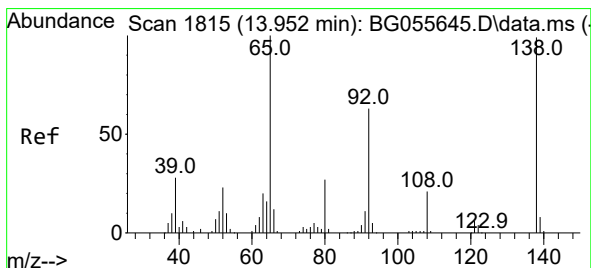
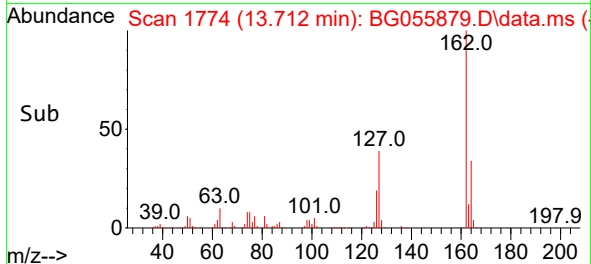
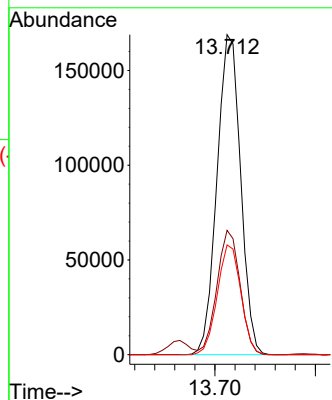
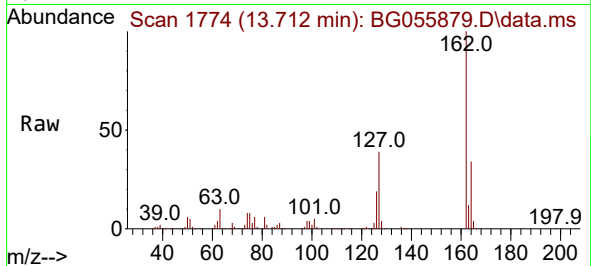




#47
2-Chloronaphthalene
Concen: 44.726 ng
RT: 13.712 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

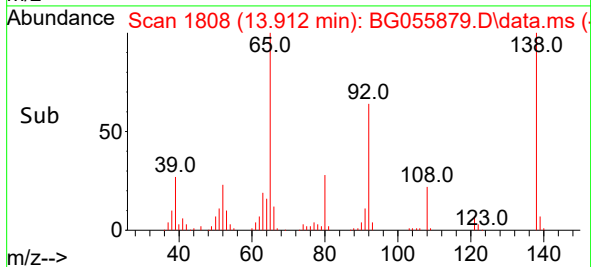
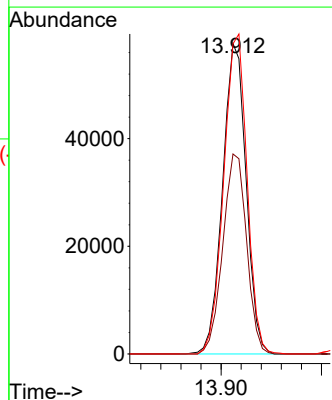
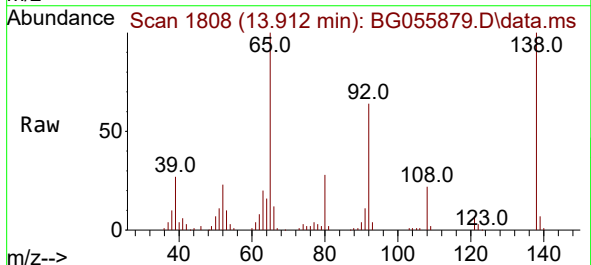
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

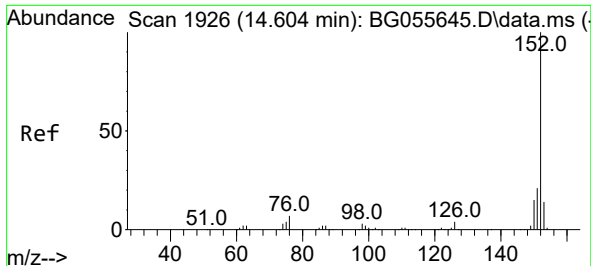
Tgt Ion:162 Resp: 275542
Ion Ratio Lower Upper
162 100
127 38.9 29.9 44.9
164 34.3 26.4 39.6



#48
2-Nitroaniline
Concen: 46.226 ng
RT: 13.912 min Scan# 1808
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion: 65 Resp: 93631
Ion Ratio Lower Upper
65 100
92 64.4 50.1 75.1
138 99.9 79.4 119.0

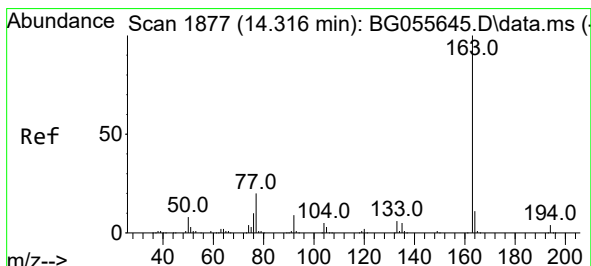
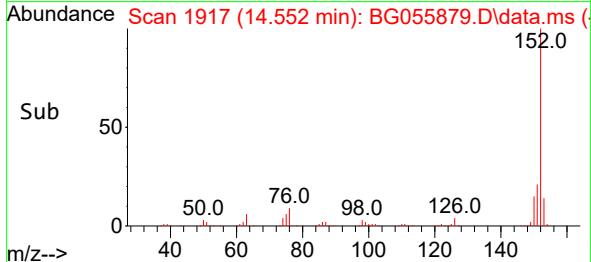
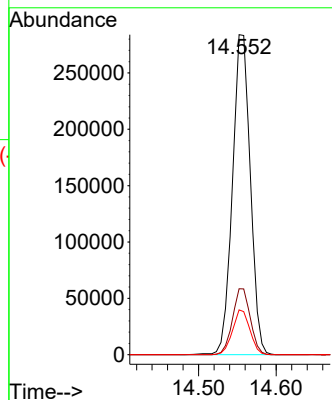
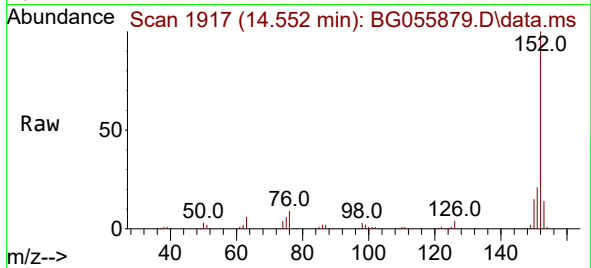




#49
Acenaphthylene
Concen: 44.846 ng
RT: 14.552 min Scan# 1926
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

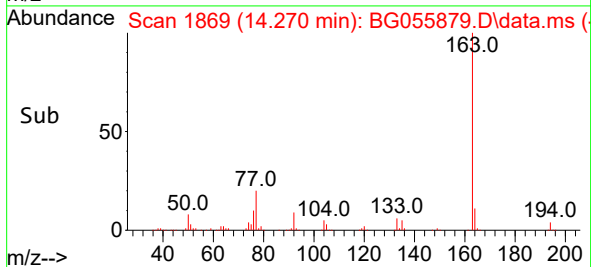
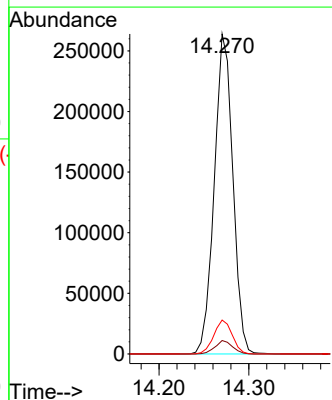
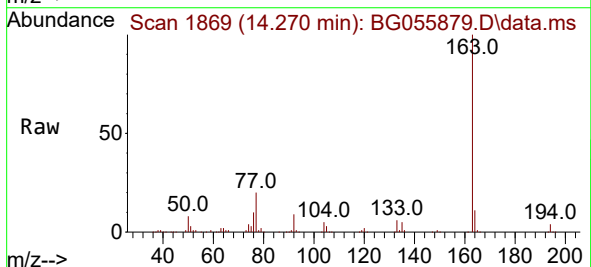
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

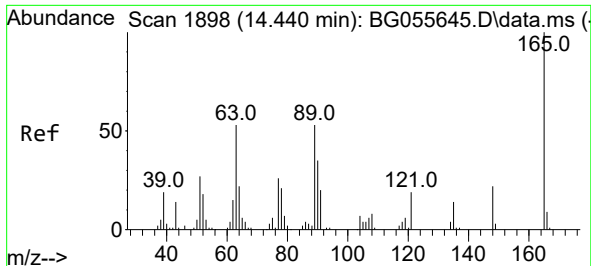
Tgt Ion:152 Resp: 454963
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.0 11.0 16.4



#50
Dimethylphthalate
Concen: 43.663 ng
RT: 14.270 min Scan# 1869
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:163 Resp: 378578
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.6 8.6 12.8

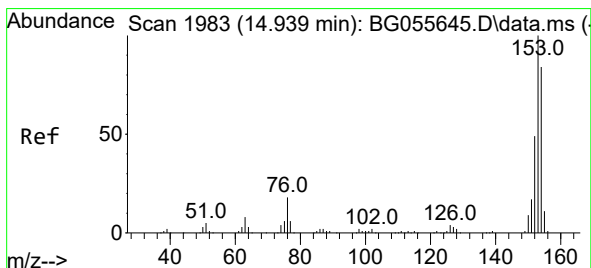
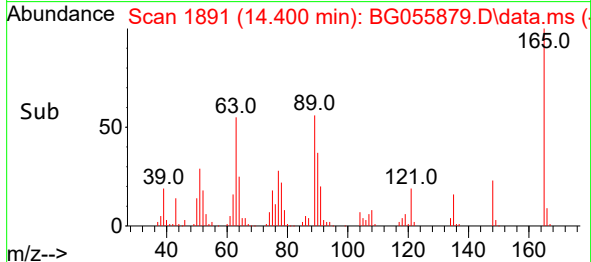
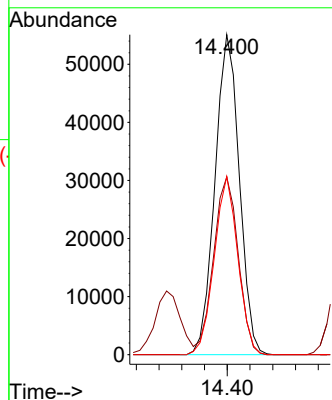
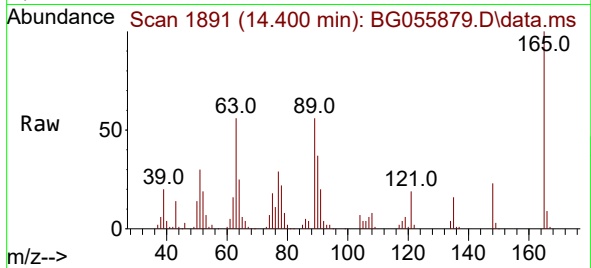




#51
2,6-Dinitrotoluene
Concen: 46.225 ng
RT: 14.400 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

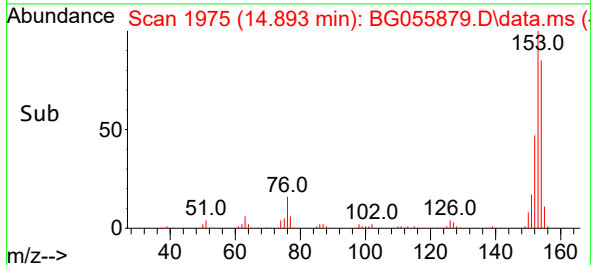
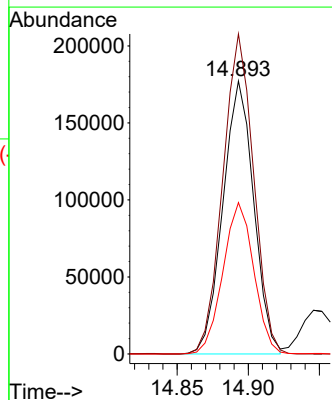
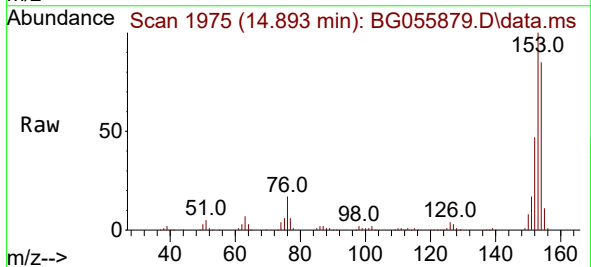
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

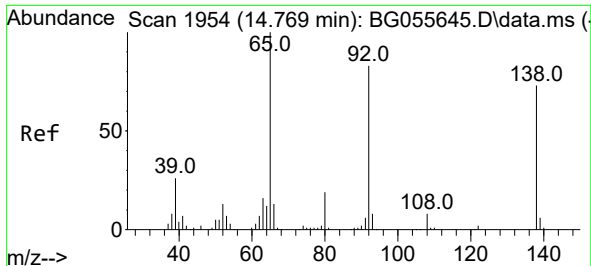
Tgt Ion:165 Resp: 81951
Ion Ratio Lower Upper
165 100
63 55.6 44.6 66.8
89 55.7 42.2 63.4



#52
Acenaphthene
Concen: 40.344 ng
RT: 14.893 min Scan# 1975
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:154 Resp: 267492
Ion Ratio Lower Upper
154 100
153 117.2 95.0 142.4
152 55.5 46.1 69.1

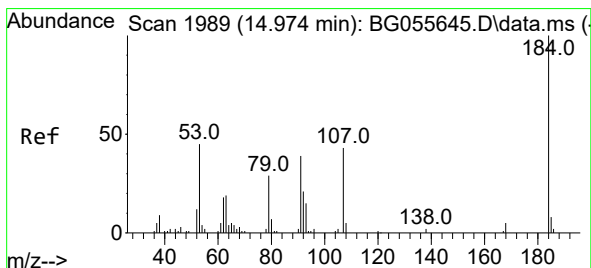
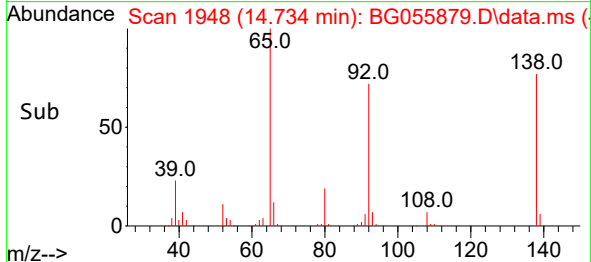
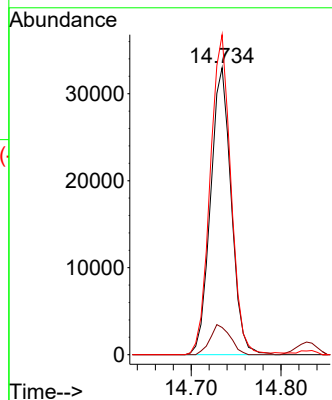
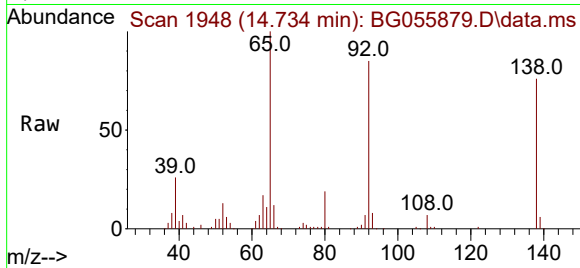




#53
3-Nitroaniline
Concen: 27.062 ng
RT: 14.734 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

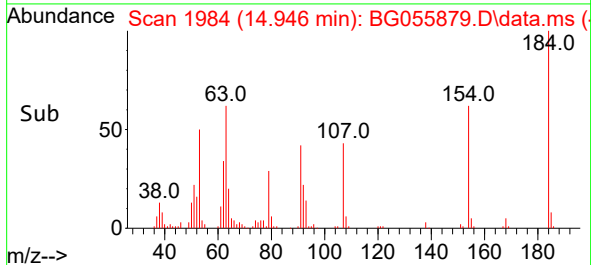
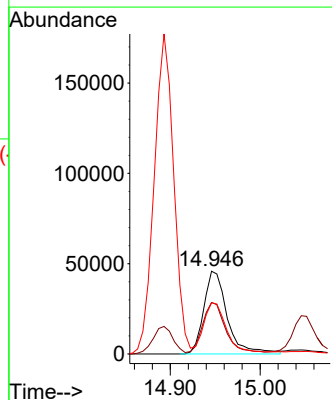
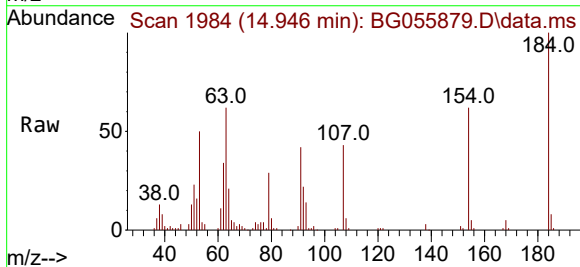
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

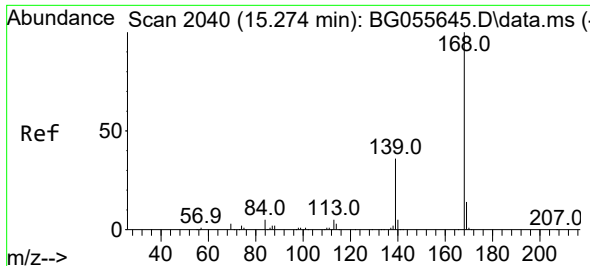
Tgt Ion:138 Resp: 52667
Ion Ratio Lower Upper
138 100
108 9.5 8.5 12.7
92 111.5 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 81.740 ng
RT: 14.946 min Scan# 1984
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:184 Resp: 83319
Ion Ratio Lower Upper
184 100
63 62.2 49.5 74.3
154 61.8 52.0 78.0

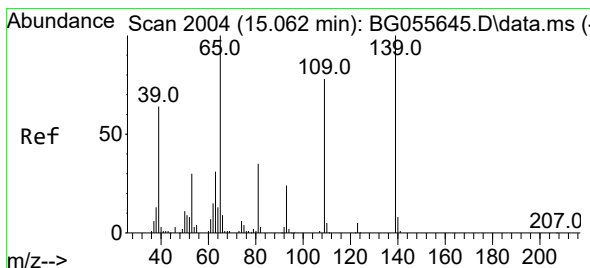
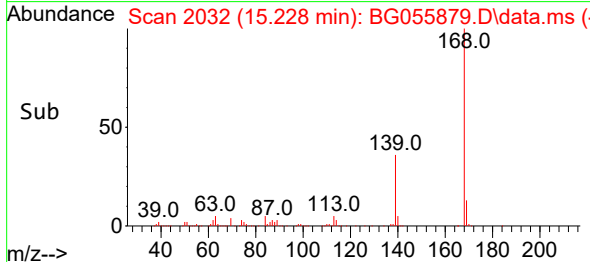
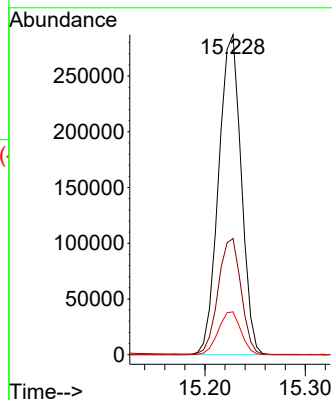
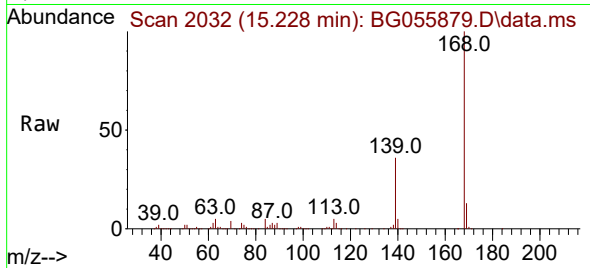




#55
Dibenzenofuran
Concen: 43.874 ng
RT: 15.228 min Scan# 20
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

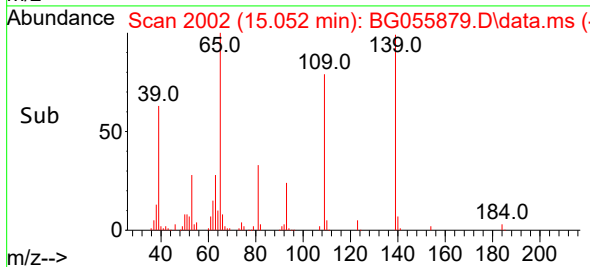
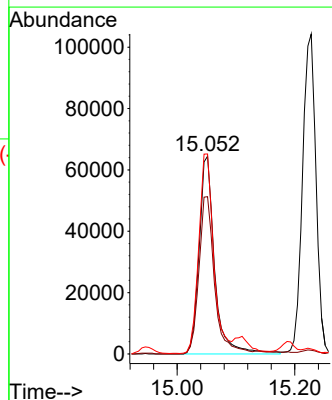
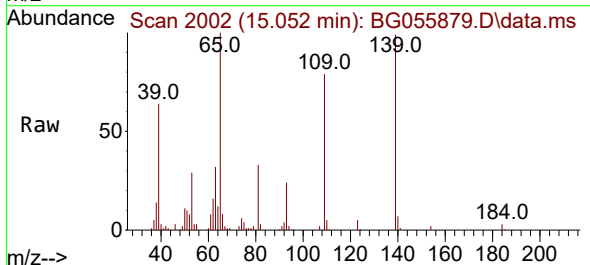
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

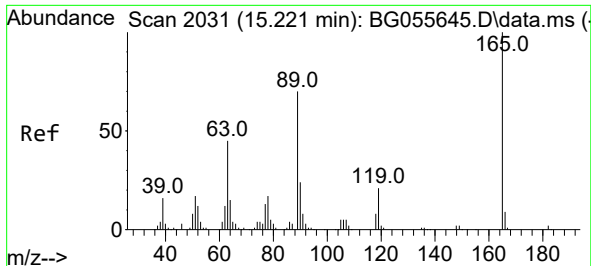
Tgt Ion:168 Resp: 448763
Ion Ratio Lower Upper
168 100
139 36.3 28.8 43.2
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 77.179 ng
RT: 15.052 min Scan# 2002
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:139 Resp: 117887
Ion Ratio Lower Upper
139 100
109 79.5 58.6 98.6
65 101.1 80.5 120.5

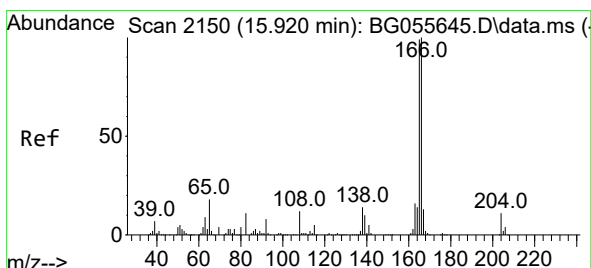
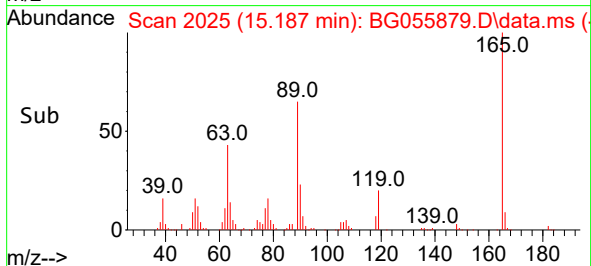
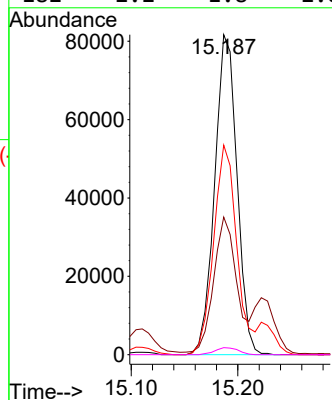
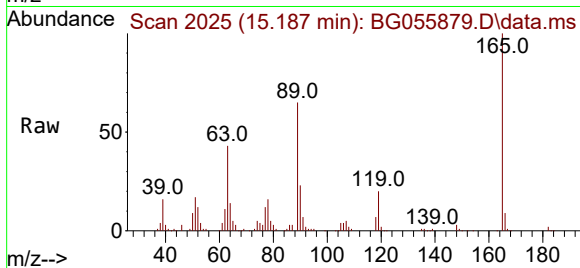




#57
2,4-Dinitrotoluene
Concen: 47.523 ng
RT: 15.187 min Scan# 2031
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

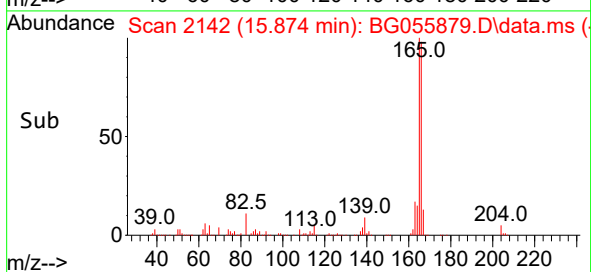
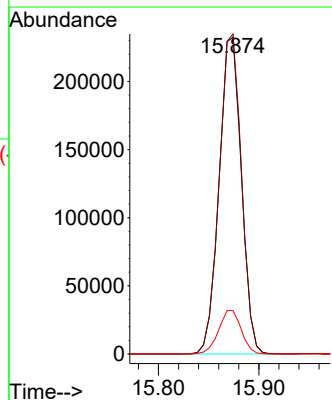
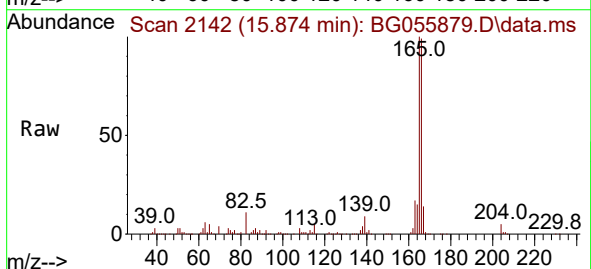
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

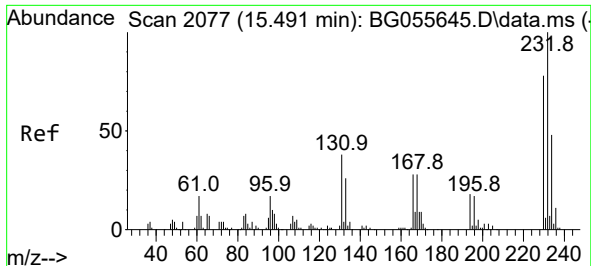
Tgt Ion:165 Resp: 118786
Ion Ratio Lower Upper
165 100
63 43.0 35.8 53.8
89 65.5 56.2 84.4
182 2.2 1.8 2.8



#58
Fluorene
Concen: 43.832 ng
RT: 15.874 min Scan# 2142
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:166 Resp: 358083
Ion Ratio Lower Upper
166 100
165 101.0 79.3 118.9
167 13.7 10.6 15.8

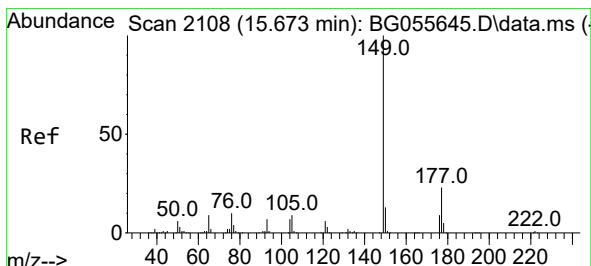
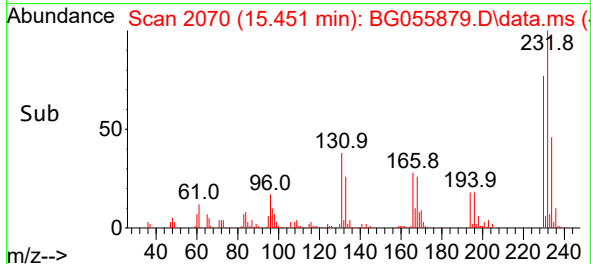
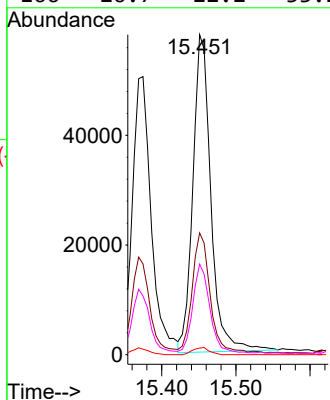
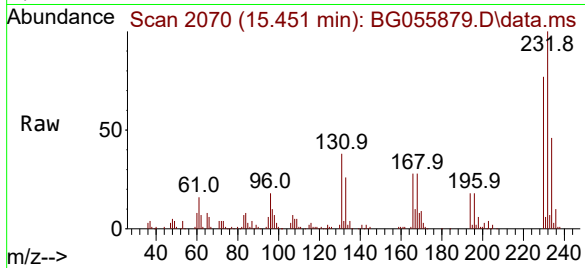




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.284 ng
RT: 15.451 min Scan# 2077
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

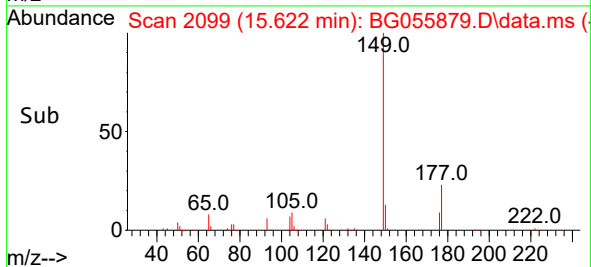
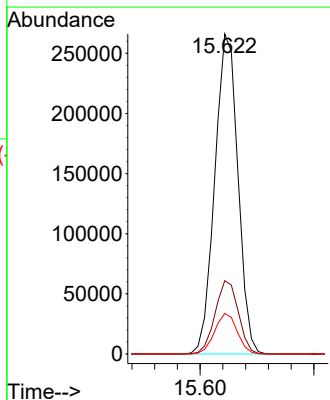
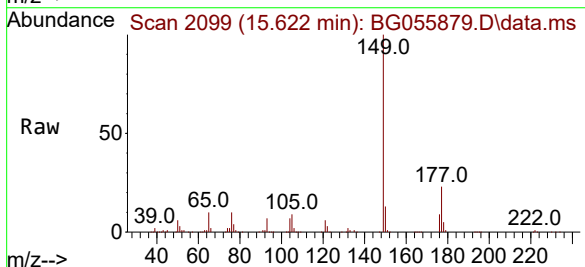
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

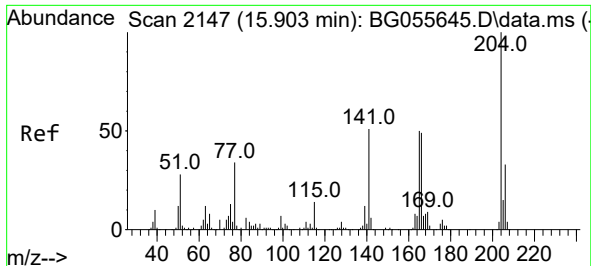
Tgt Ion:232 Resp: 97533
Ion Ratio Lower Upper
232 100
131 38.1 29.8 44.8
130 2.1 1.7 2.5
166 26.7 22.2 33.2



#60
Diethylphthalate
Concen: 42.863 ng
RT: 15.622 min Scan# 2099
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:149 Resp: 375745
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.7 10.0 15.0

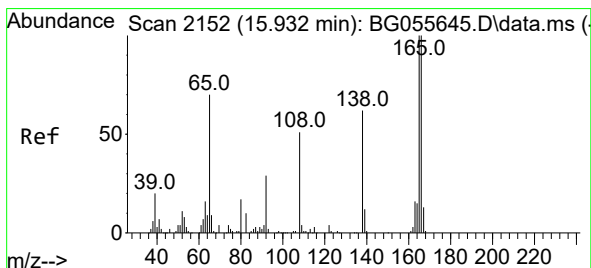
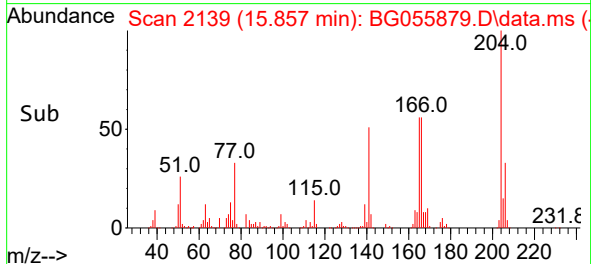
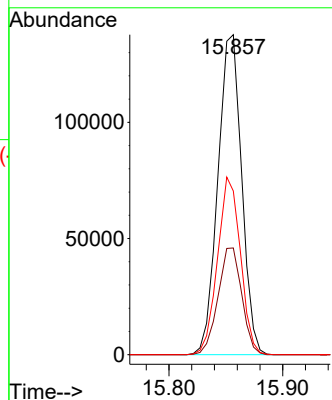
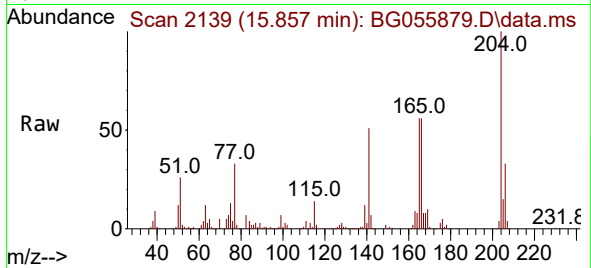




#61
4-Chlorophenyl-phenylether
Concen: 44.596 ng
RT: 15.857 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

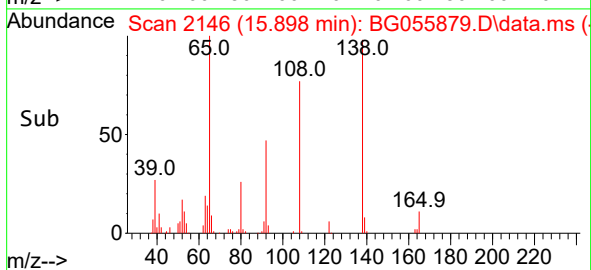
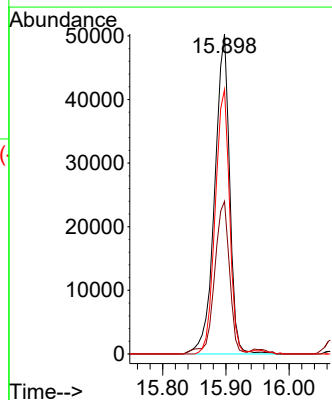
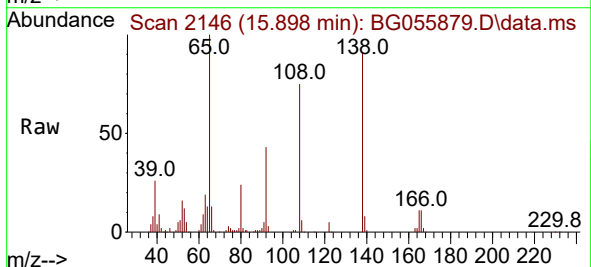
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

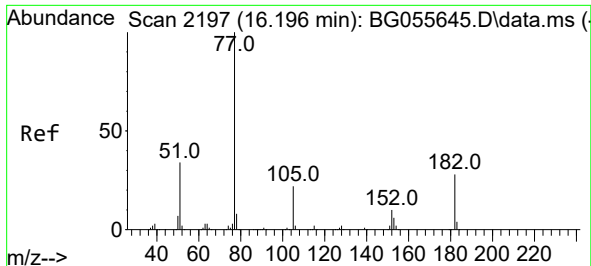
Tgt Ion:204 Resp: 200270
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 51.2 40.6 61.0



#62
4-Nitroaniline
Concen: 40.469 ng
RT: 15.898 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:138 Resp: 82330
Ion Ratio Lower Upper
138 100
92 47.7 27.3 67.3
108 82.6 62.8 102.8



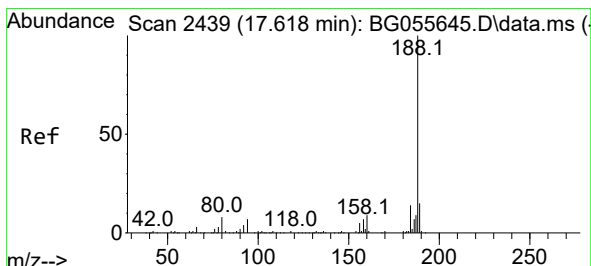
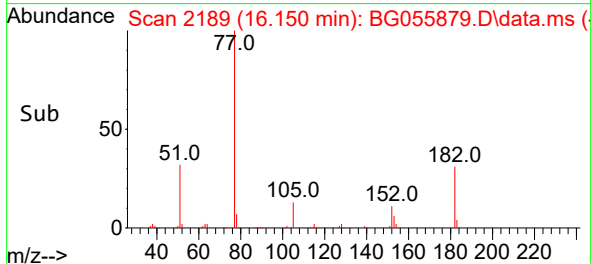
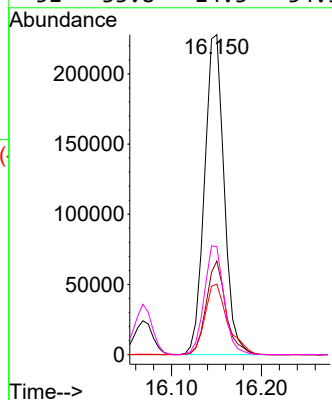
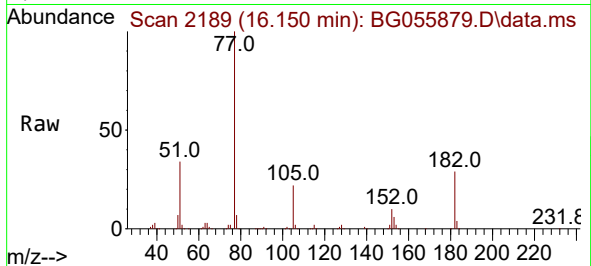


#63
 Azobenzene
 Concen: 45.049 ng
 RT: 16.150 min Scan# 2197
 Delta R.T. -0.005 min
 Lab File: BG055879.D
 Acq: 2 Dec 2022 18:28

Instrument :
 BNA_G
 ClientSampleId :
 PE-5MSD

Tgt Ion: 77 Resp: 344768

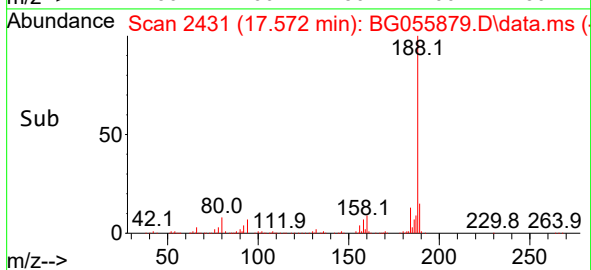
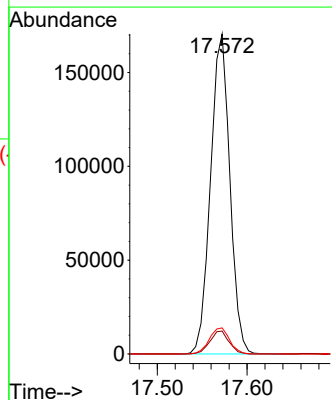
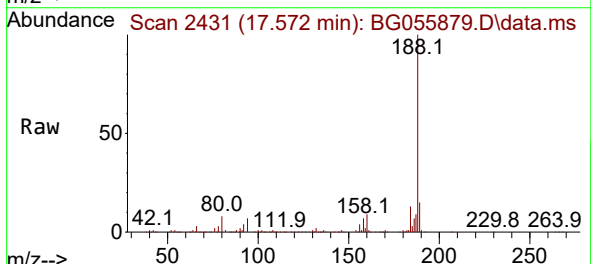
Ion	Ratio	Lower	Upper
77	100		
182	29.3	8.1	48.1
105	22.0	1.8	41.8
51	33.8	14.3	54.3

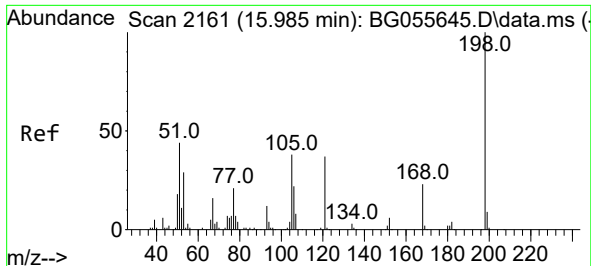


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.572 min Scan# 2431
 Delta R.T. -0.005 min
 Lab File: BG055879.D
 Acq: 2 Dec 2022 18:28

Tgt Ion: 188 Resp: 254666

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.4	8.2
80	8.2	6.6	10.0

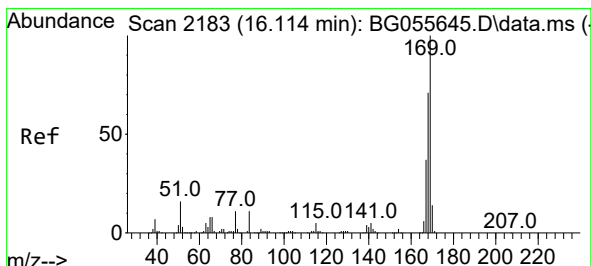
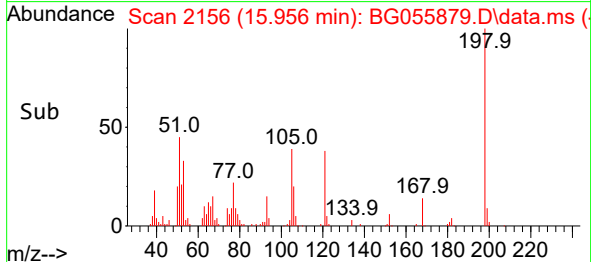
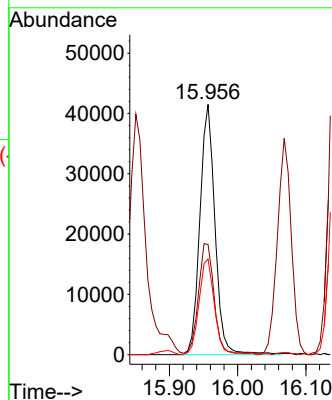
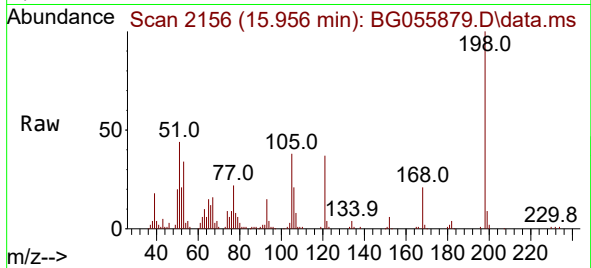




#65
4,6-Dinitro-2-methylphenol
Concen: 45.020 ng
RT: 15.956 min Scan# 2161
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

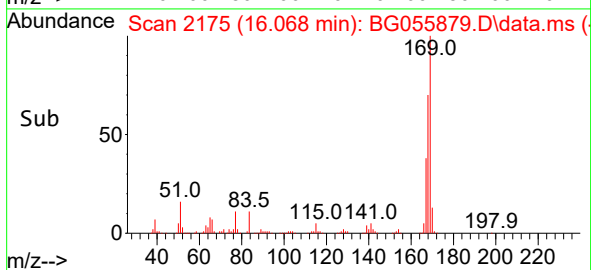
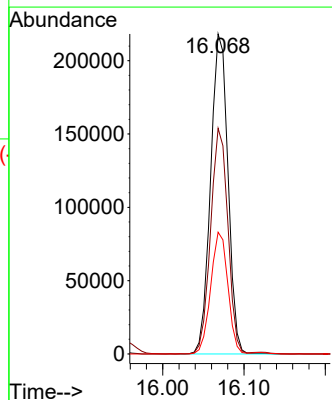
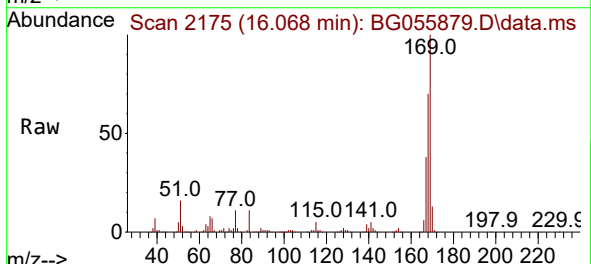
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

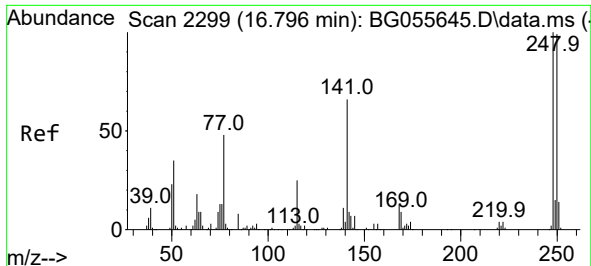
Tgt Ion:198 Resp: 64020
Ion Ratio Lower Upper
198 100
51 44.0 27.7 67.7
105 38.2 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 46.057 ng
RT: 16.068 min Scan# 2175
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:169 Resp: 323244
Ion Ratio Lower Upper
169 100
168 70.5 56.6 85.0
167 38.1 29.9 44.9

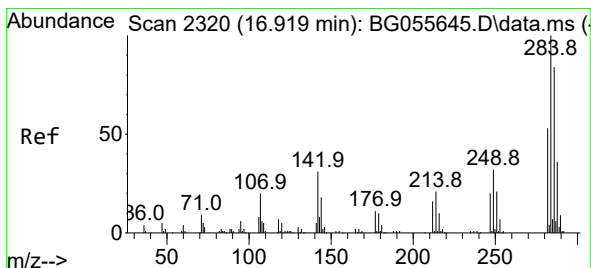
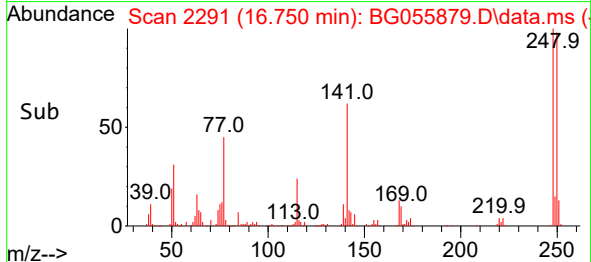
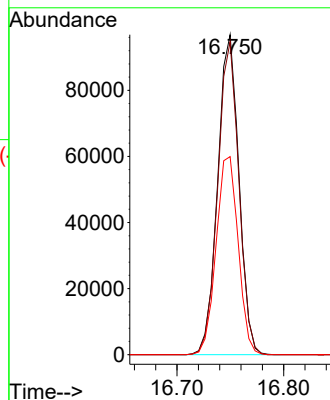
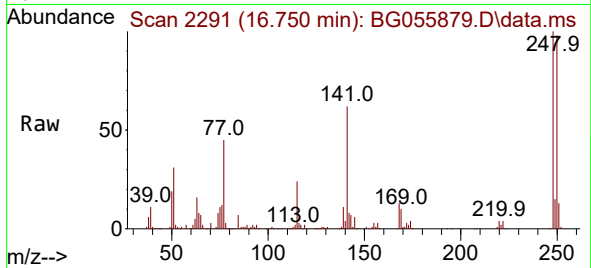




#67
4-Bromophenyl-phenylether
Concen: 46.080 ng
RT: 16.750 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

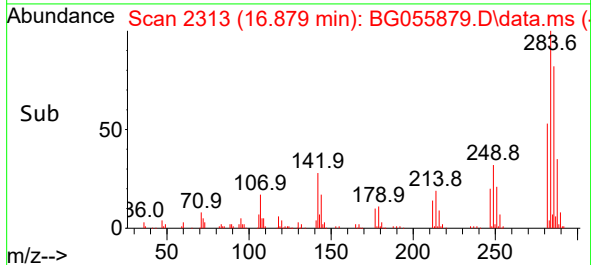
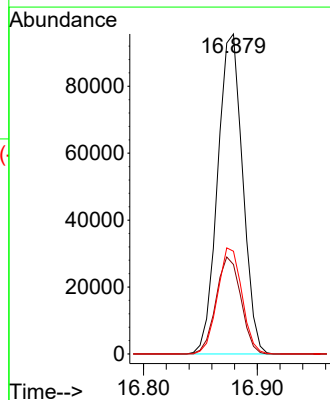
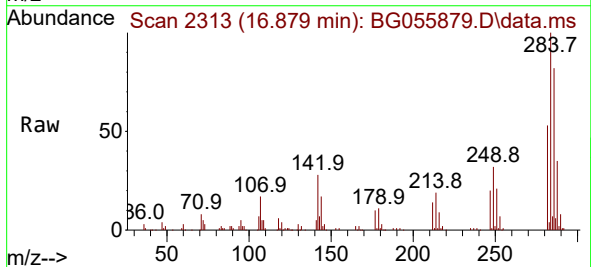
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

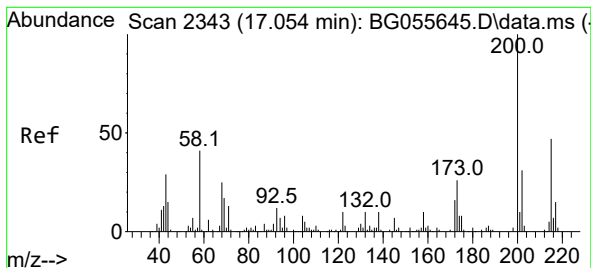
Tgt Ion:248 Resp: 133707
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.4
141 61.9 52.9 79.3



#68
Hexachlorobenzene
Concen: 45.423 ng
RT: 16.879 min Scan# 2313
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:284 Resp: 146144
Ion Ratio Lower Upper
284 100
142 28.0 24.8 37.2
249 32.1 25.7 38.5





#69

Atrazine

Concen: 47.621 ng

RT: 17.008 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

PE-5MSD

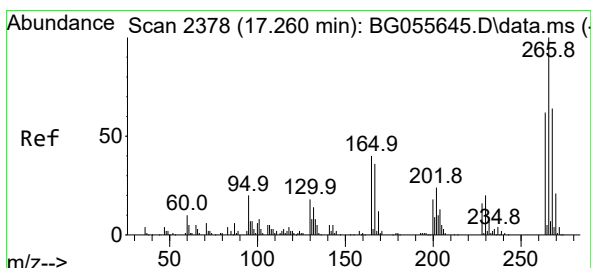
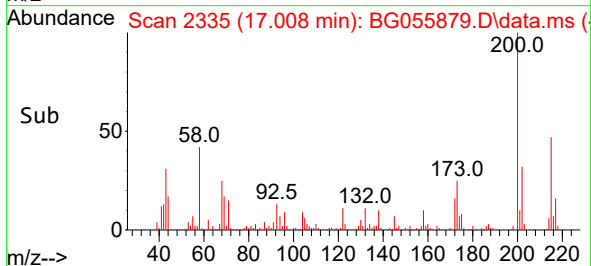
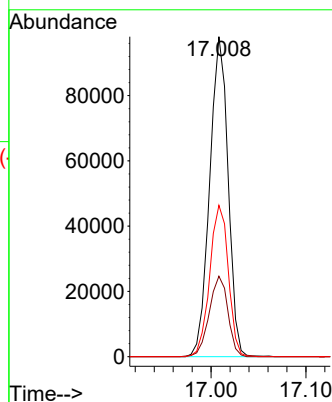
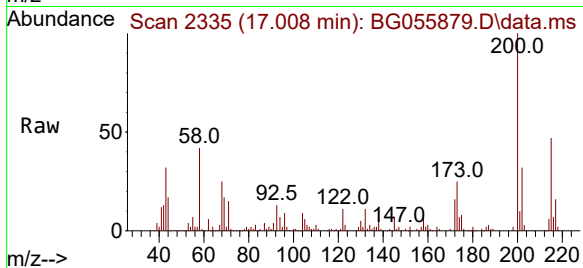
Tgt Ion:200 Resp: 132184

Ion Ratio Lower Upper

200 100

173 25.1 5.6 45.6

215 47.3 27.2 67.2



#70

Pentachlorophenol

Concen: 65.570 ng

RT: 17.226 min Scan# 2372

Delta R.T. -0.005 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

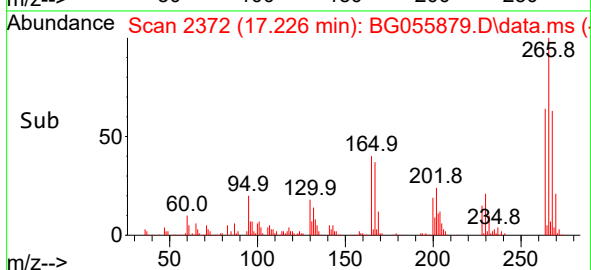
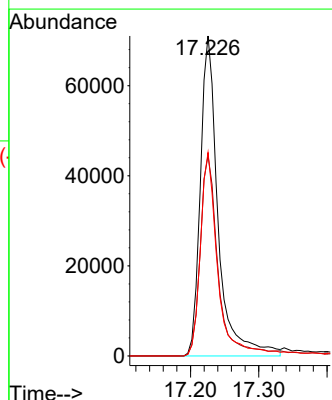
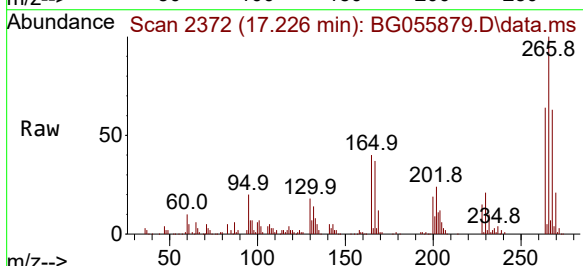
Tgt Ion:266 Resp: 129055

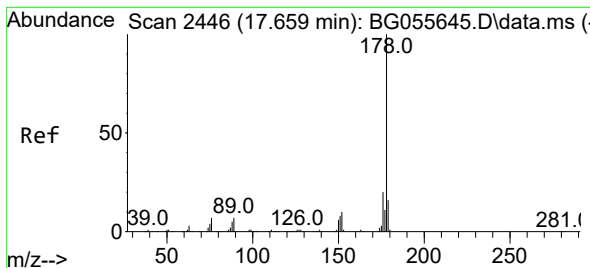
Ion Ratio Lower Upper

266 100

268 62.6 51.2 76.8

264 63.6 49.5 74.3





#71

Phenanthrene

Concen: 43.205 ng

RT: 17.613 min Scan# 24

Delta R.T. -0.010 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

PE-5MSD

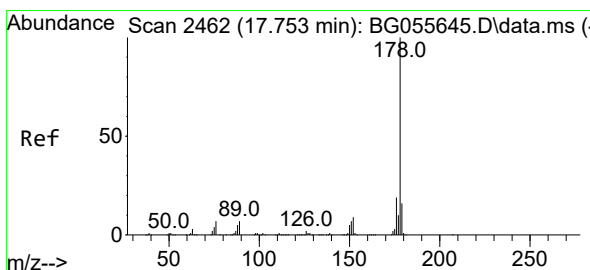
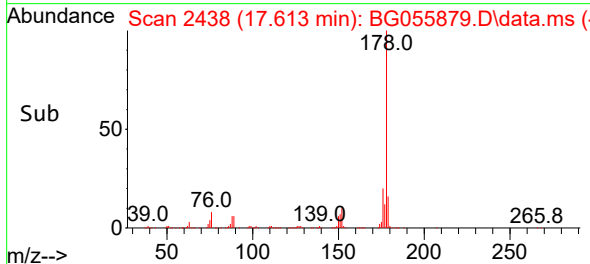
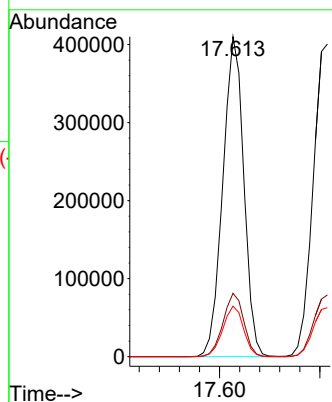
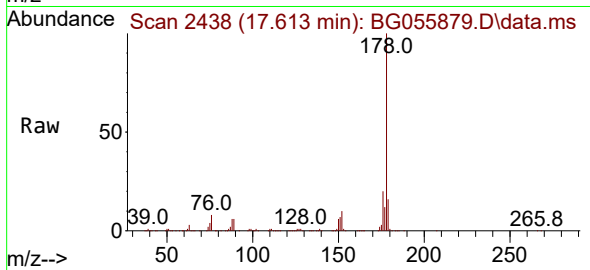
Tgt Ion:178 Resp: 593762

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 15.8 12.7 19.1



#72

Anthracene

Concen: 45.382 ng

RT: 17.707 min Scan# 2454

Delta R.T. -0.005 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

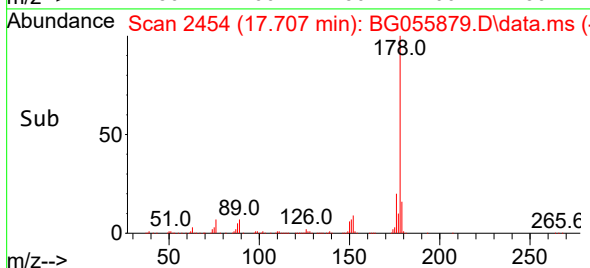
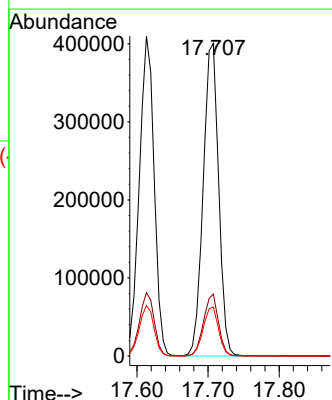
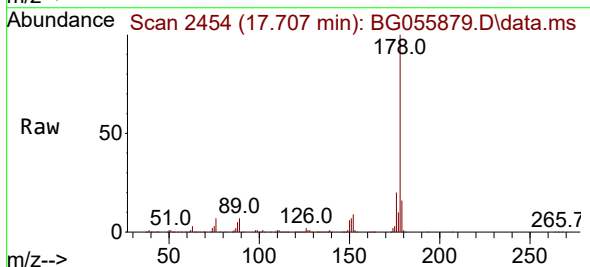
Tgt Ion:178 Resp: 605971

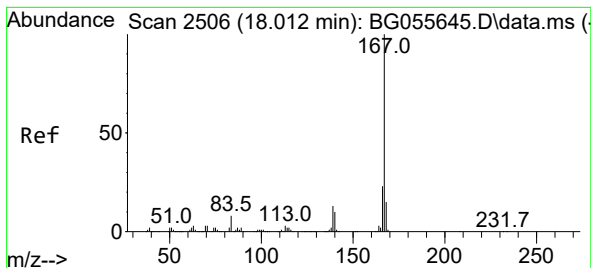
Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 15.7 12.5 18.7





#73

Carbazole

Concen: 44.353 ng

RT: 17.972 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

PE-5MSD

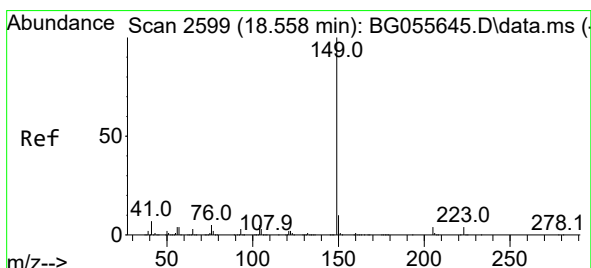
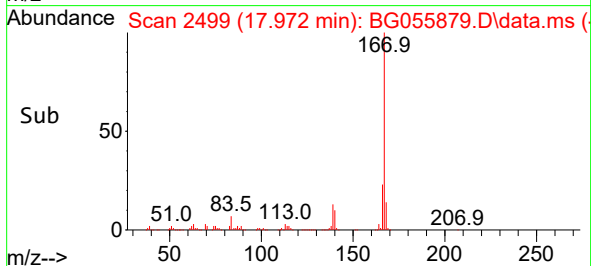
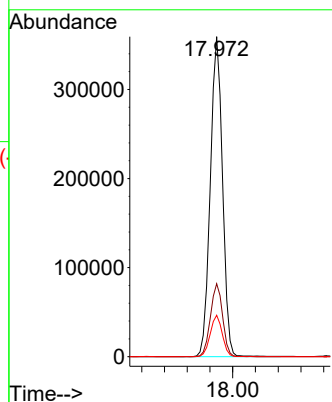
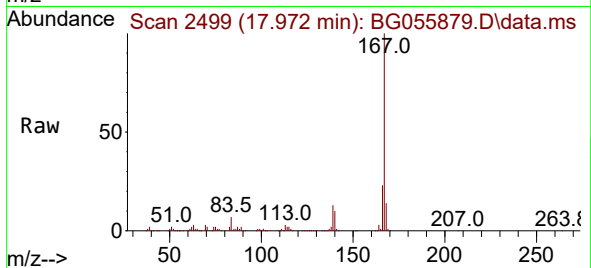
Tgt Ion:167 Resp: 532423

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 43.348 ng

RT: 18.501 min Scan# 2589

Delta R.T. -0.010 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

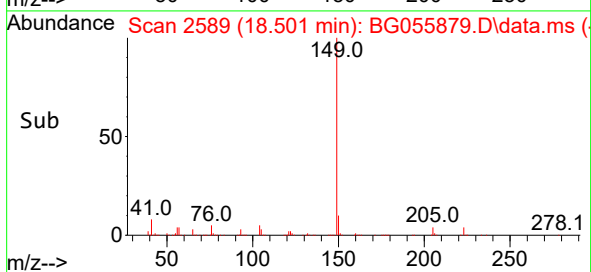
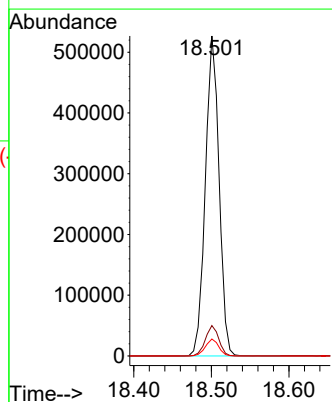
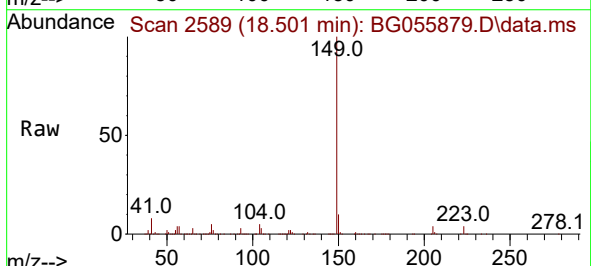
Tgt Ion:149 Resp: 646122

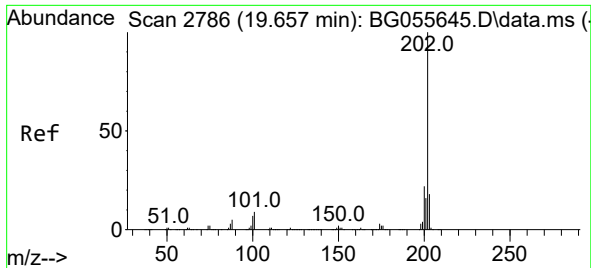
Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 5.3 4.0 6.0

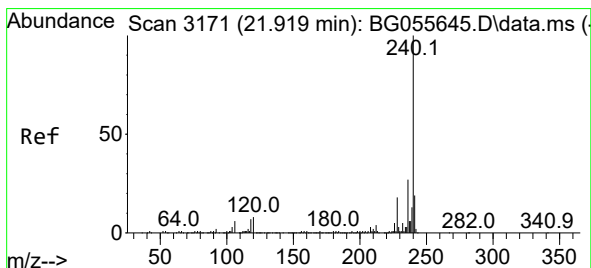
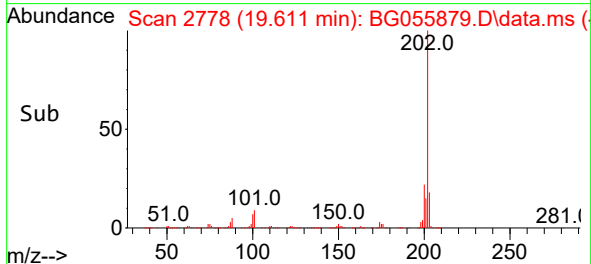
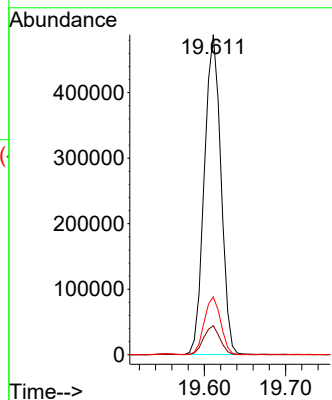
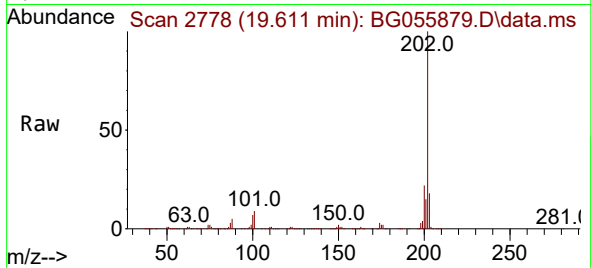




#75
Fluoranthene
Concen: 41.317 ng
RT: 19.611 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

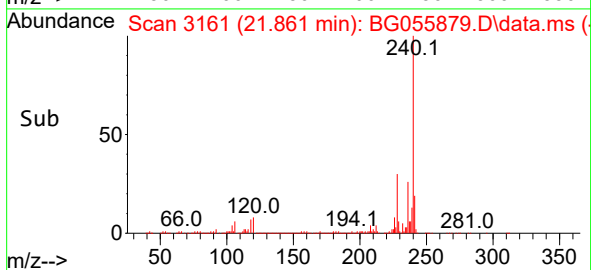
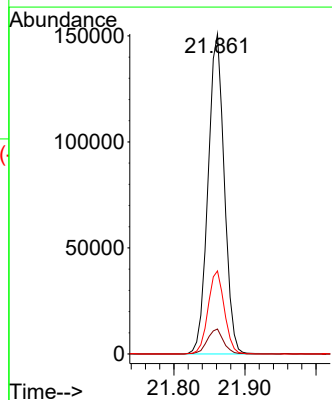
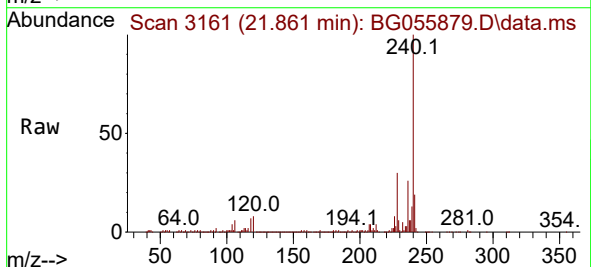
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

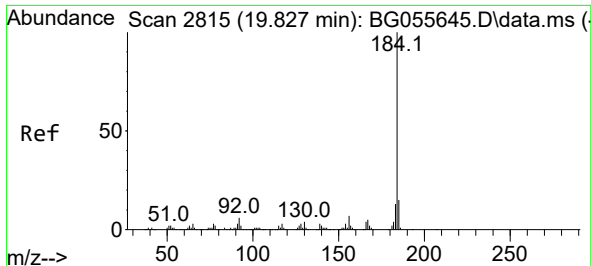
Tgt Ion:202 Resp: 690786
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.8
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:240 Resp: 239157
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 25.9 21.9 32.9

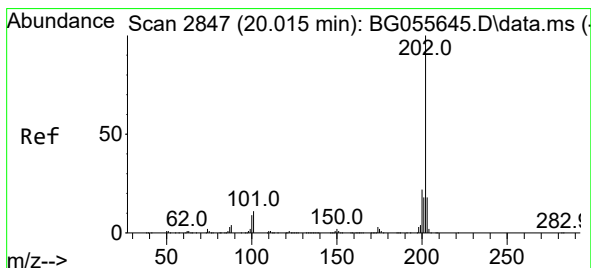
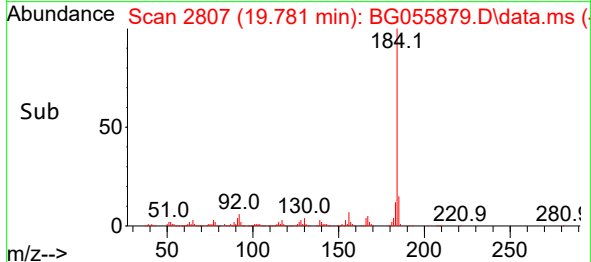
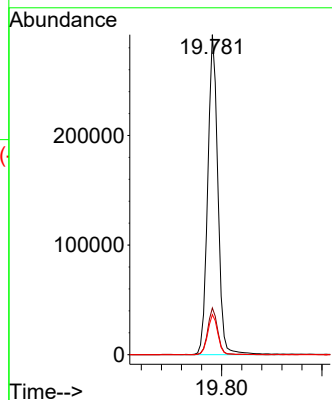
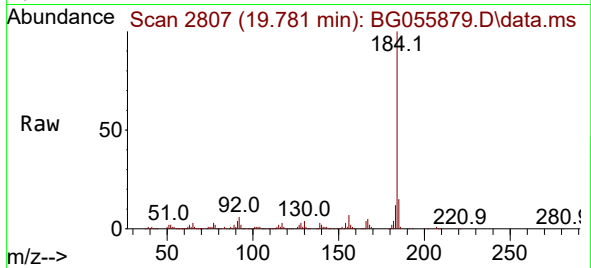




#77
Benzidine
Concen: 74.211 ng
RT: 19.781 min Scan# 2807
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

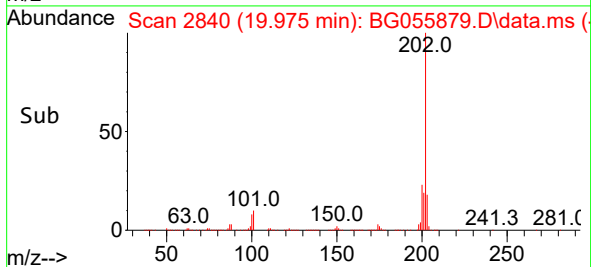
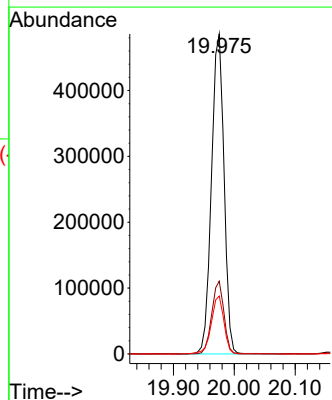
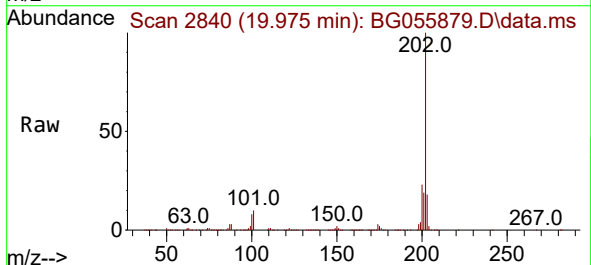
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

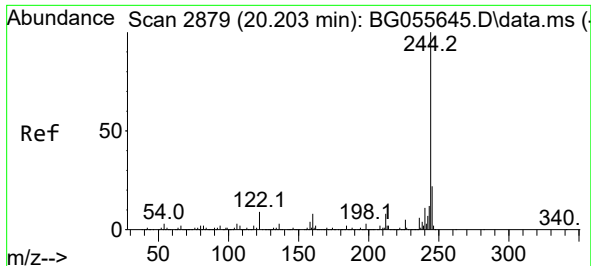
Tgt Ion:184 Resp: 410595
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 12.5 10.6 15.8



#78
Pyrene
Concen: 43.095 ng
RT: 19.975 min Scan# 2840
Delta R.T. -0.005 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:202 Resp: 697623
Ion Ratio Lower Upper
202 100
200 22.8 17.8 26.6
203 18.1 14.4 21.6

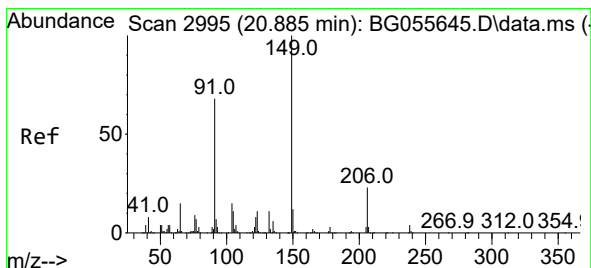
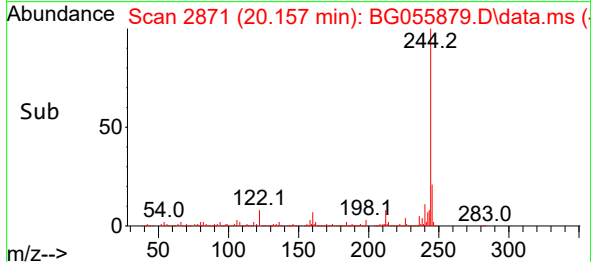
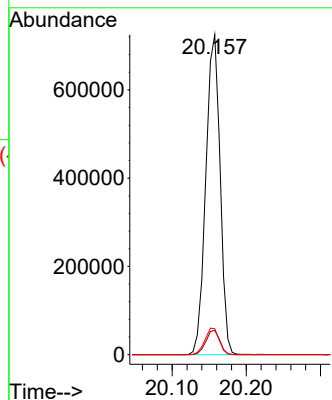
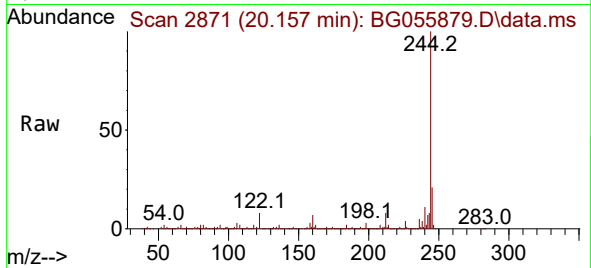




#79
 Terphenyl-d14
 Concen: 81.340 ng
 RT: 20.157 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG055879.D
 Acq: 2 Dec 2022 18:28

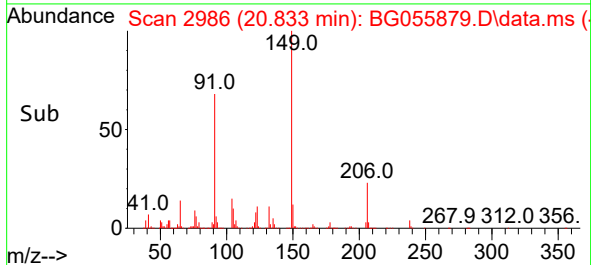
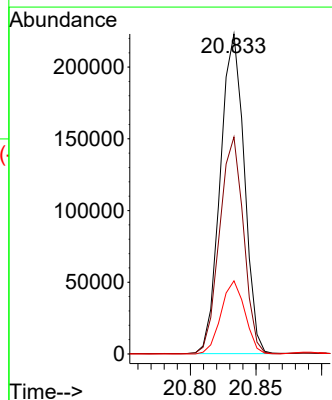
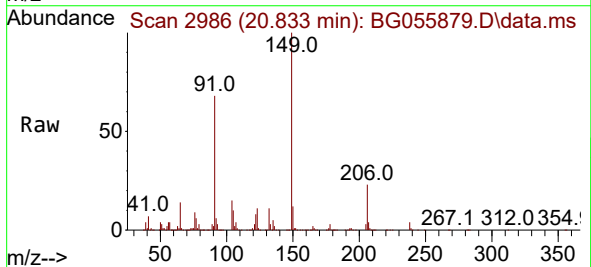
Instrument :
 BNA_G
 ClientSampleId :
 PE-5MSD

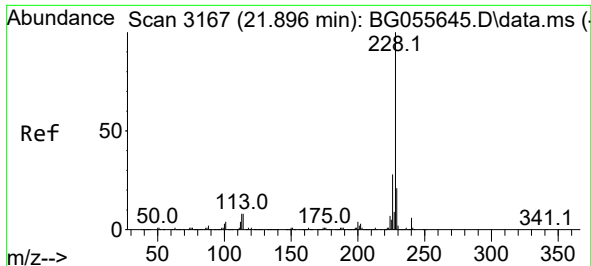
Tgt Ion:244 Resp: 972590
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.1 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 44.626 ng
 RT: 20.833 min Scan# 2986
 Delta R.T. -0.005 min
 Lab File: BG055879.D
 Acq: 2 Dec 2022 18:28

Tgt Ion:149 Resp: 282806
 Ion Ratio Lower Upper
 149 100
 91 67.8 54.6 81.8
 206 22.9 18.3 27.5

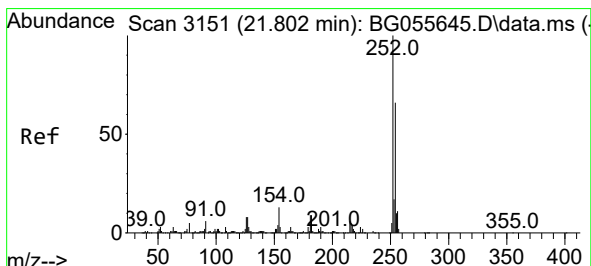
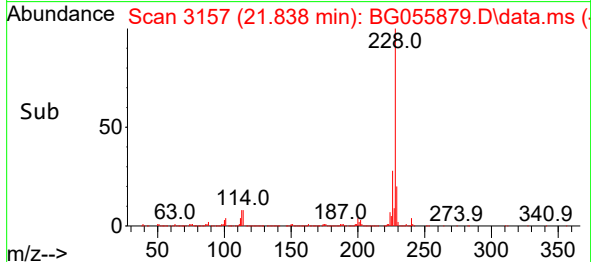
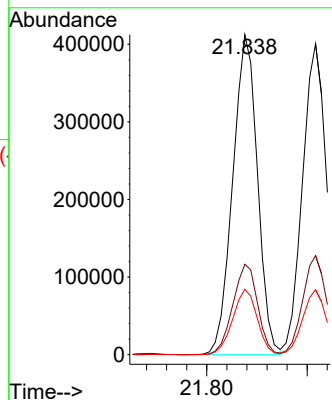
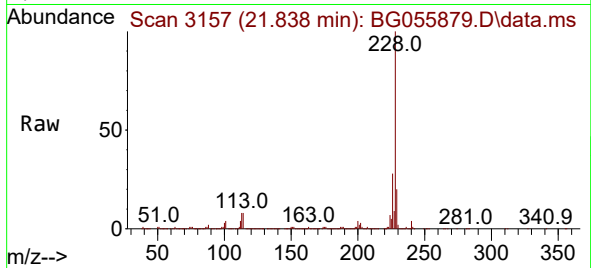




#81
Benzo(a)anthracene
Concen: 42.833 ng
RT: 21.838 min Scan# 3167
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

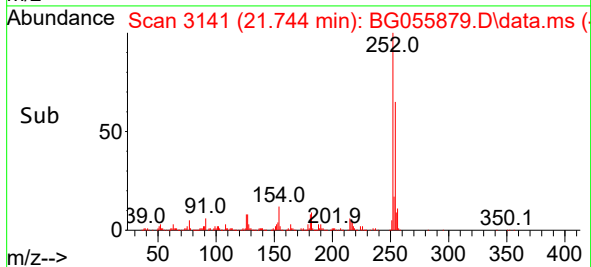
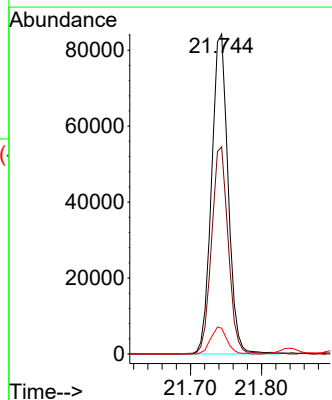
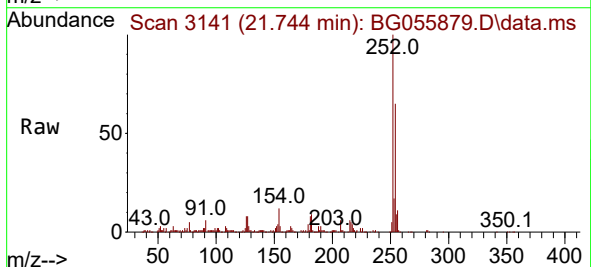
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

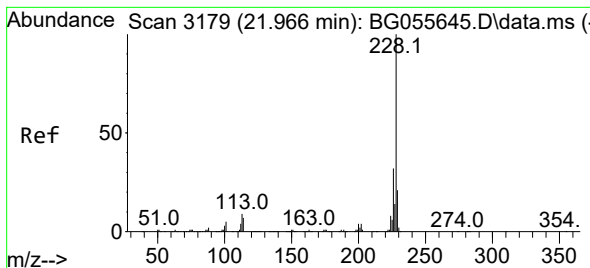
Tgt Ion:228 Resp: 705553
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.4 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 23.571 ng
RT: 21.744 min Scan# 3141
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:252 Resp: 136429
Ion Ratio Lower Upper
252 100
254 64.7 53.0 79.6
126 8.0 6.7 10.1





#83

Chrysene

Concen: 42.135 ng

RT: 21.908 min Scan# 3179

Delta R.T. -0.010 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

PE-5MSD

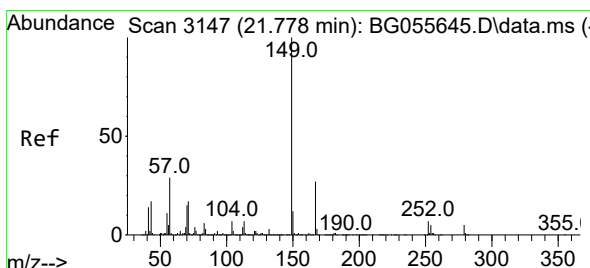
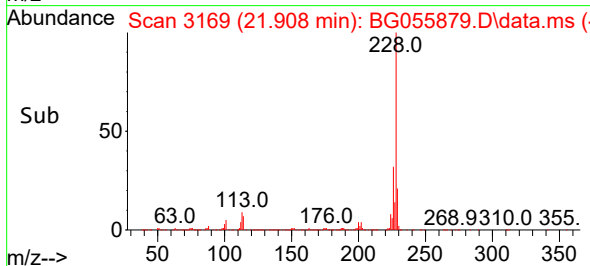
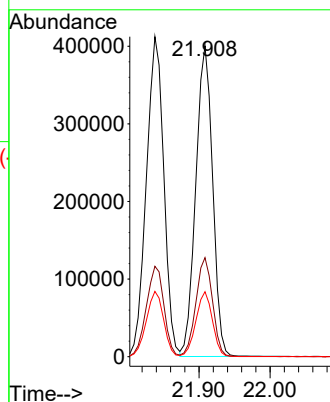
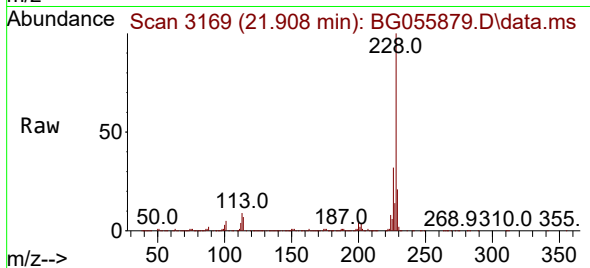
Tgt Ion:228 Resp: 660735

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.2

229 20.9 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.567 ng

RT: 21.703 min Scan# 3134

Delta R.T. -0.010 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

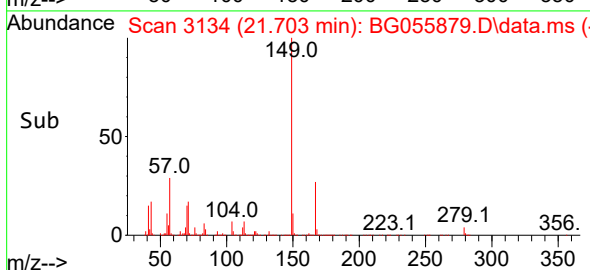
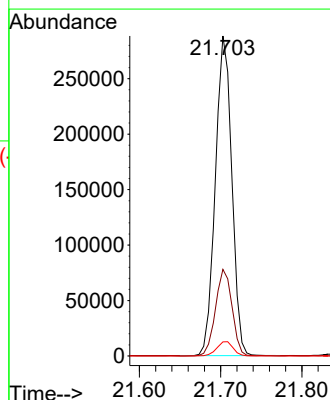
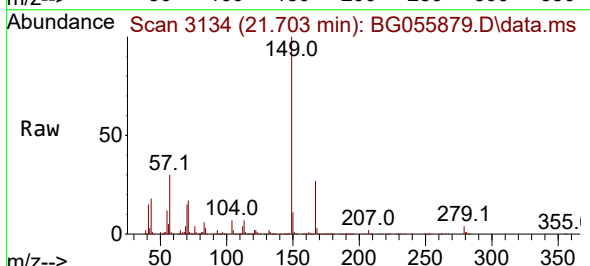
Tgt Ion:149 Resp: 405898

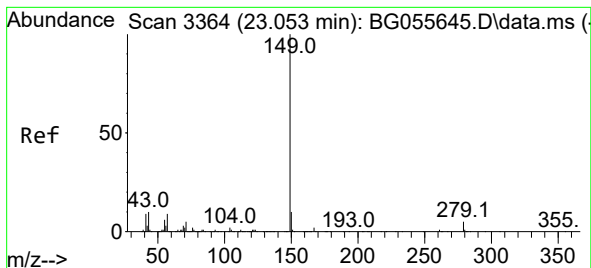
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 4.4 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 44.935 ng

RT: 22.960 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

PE-5MSD

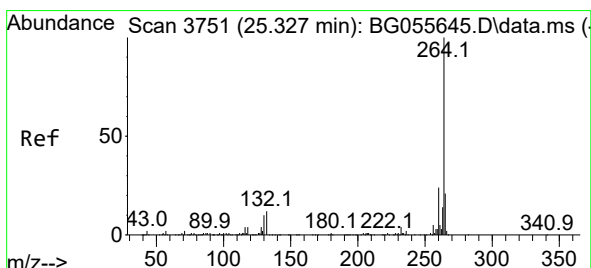
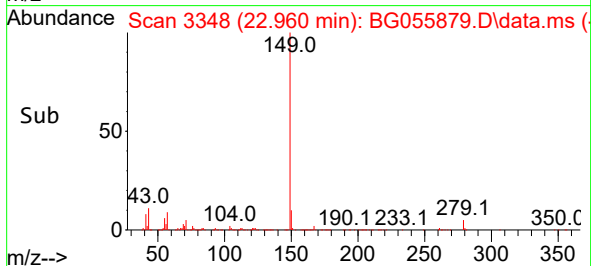
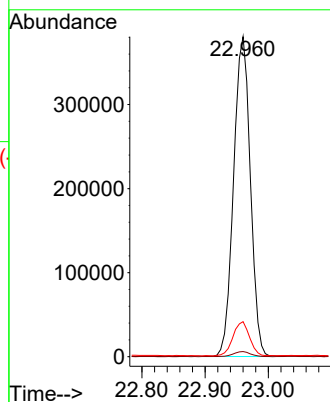
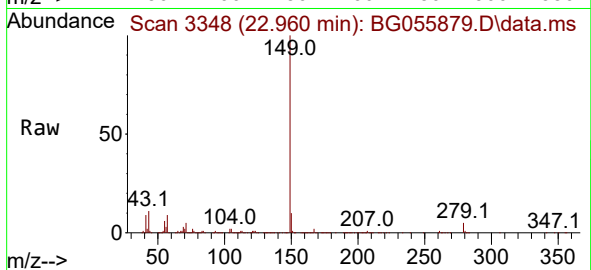
Tgt Ion:149 Resp: 700361

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.6 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.234 min Scan# 3735

Delta R.T. -0.016 min

Lab File: BG055879.D

Acq: 2 Dec 2022 18:28

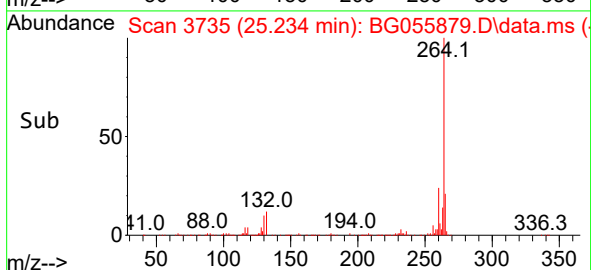
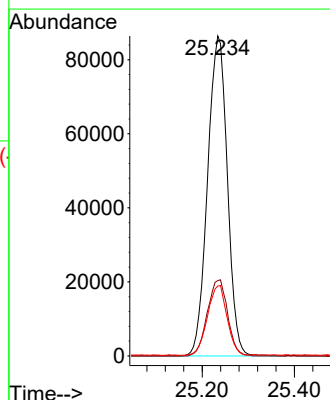
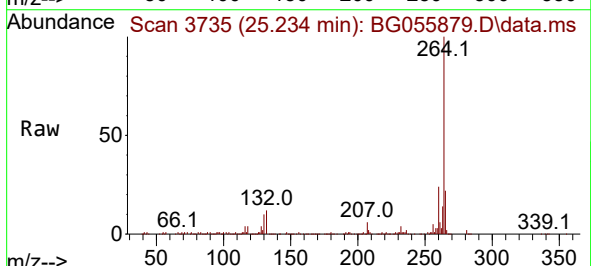
Tgt Ion:264 Resp: 257508

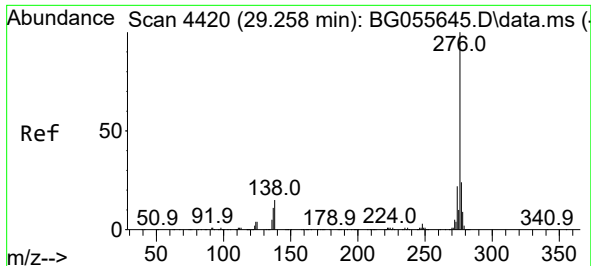
Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.8 17.1 25.7

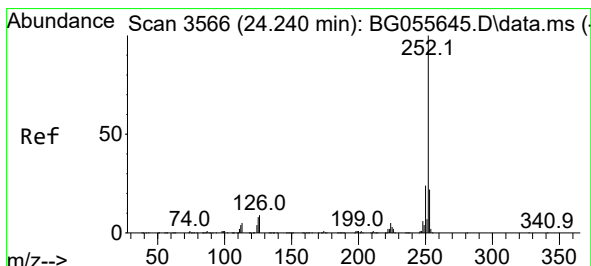
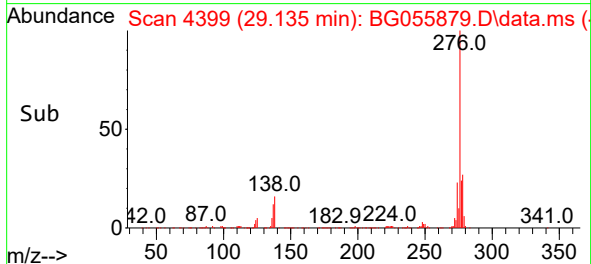
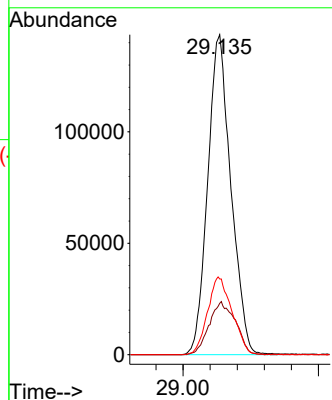
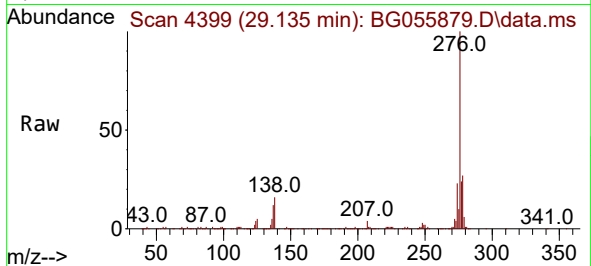




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.455 ng
 RT: 29.135 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: BG055879.D
 Acq: 2 Dec 2022 18:28

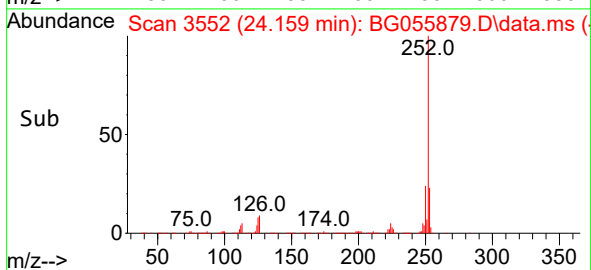
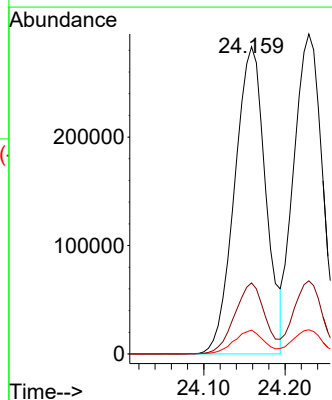
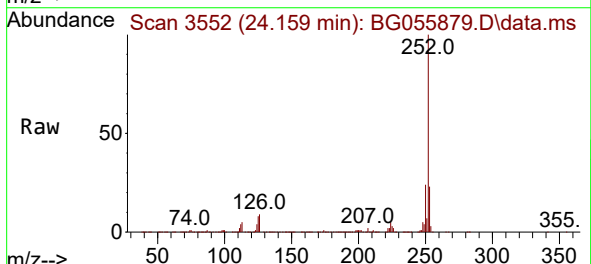
Instrument :
 BNA_G
 ClientSampleId :
 PE-5MSD

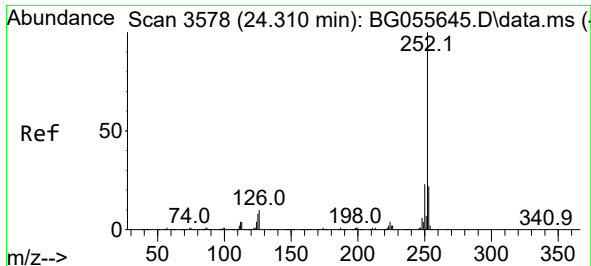
Tgt Ion:276 Resp: 853432
 Ion Ratio Lower Upper
 276 100
 138 18.9 10.4 15.6#
 277 25.7 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 44.939 ng
 RT: 24.159 min Scan# 3552
 Delta R.T. -0.010 min
 Lab File: BG055879.D
 Acq: 2 Dec 2022 18:28

Tgt Ion:252 Resp: 753648
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.0 27.0
 125 7.8 6.2 9.2

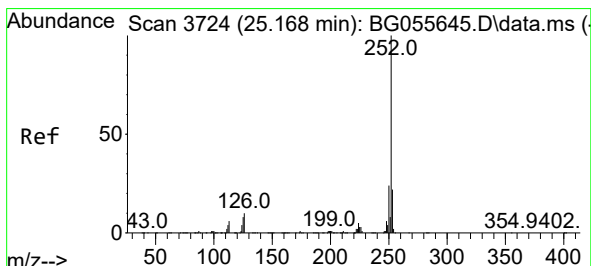
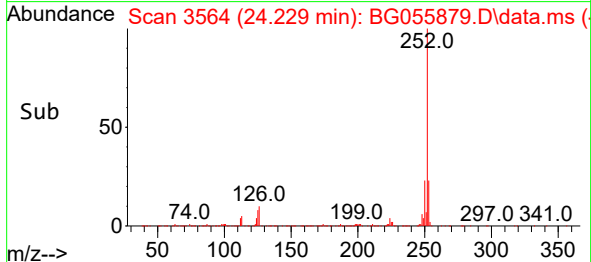
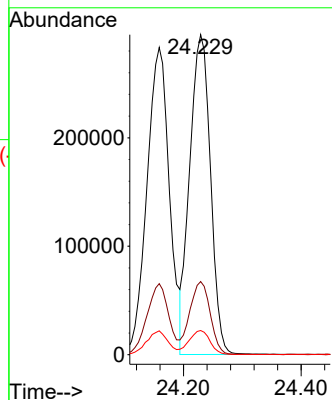
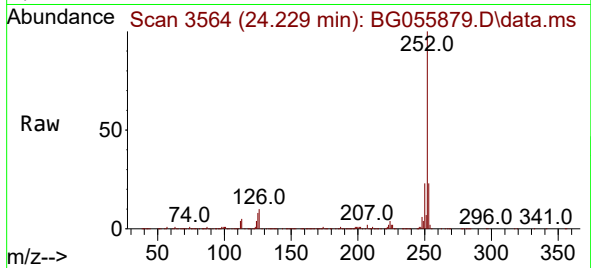




#89
Benzo(k)fluoranthene
Concen: 43.071 ng
RT: 24.229 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

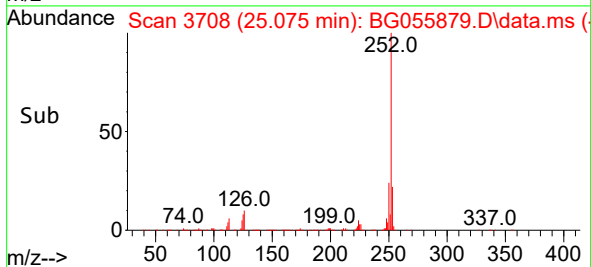
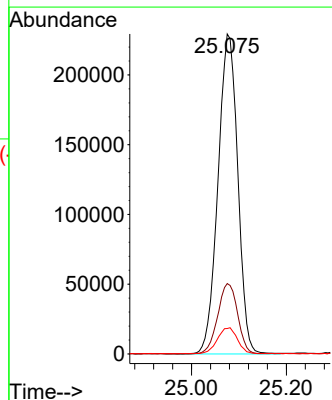
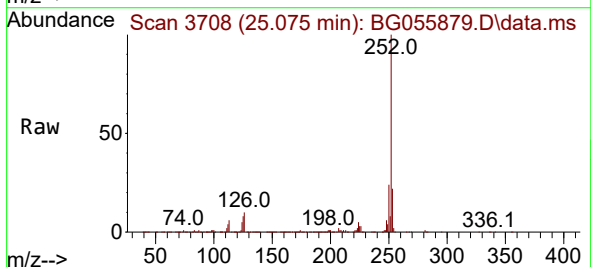
Instrument :
BNA_G
ClientSampleId :
PE-5MSD

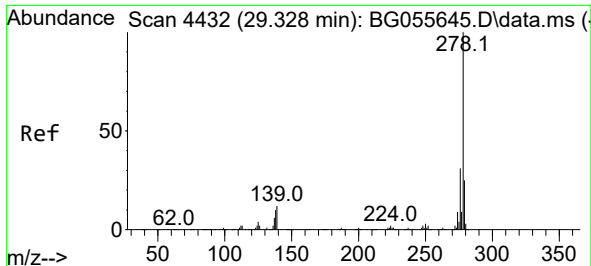
Tgt Ion:252 Resp: 720007
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 7.6 6.1 9.1



#90
Benzo(a)pyrene
Concen: 46.176 ng
RT: 25.075 min Scan# 3708
Delta R.T. -0.016 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:252 Resp: 664520
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 8.0 6.4 9.6

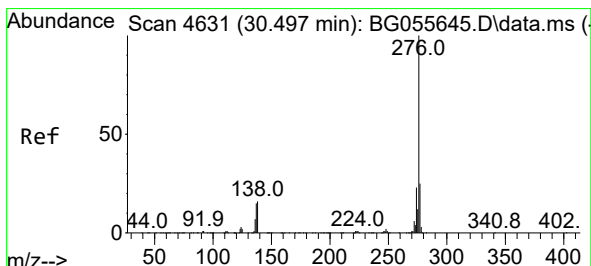
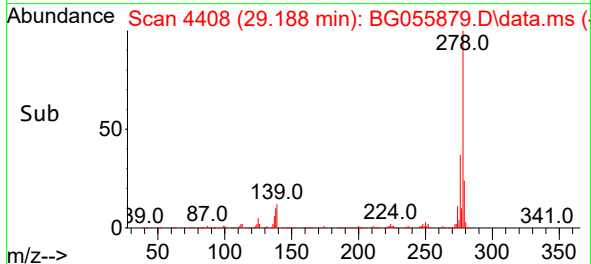
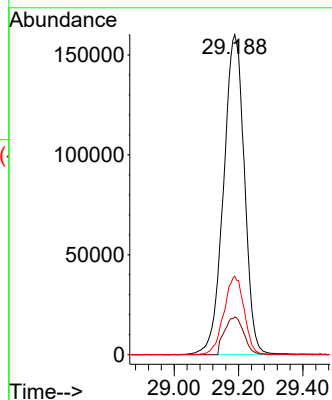
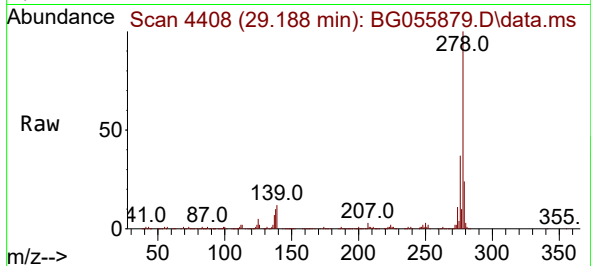




#91
Dibenzo(a,h)anthracene
Concen: 41.775 ng
RT: 29.188 min Scan# 4432
Delta R.T. -0.022 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Instrument :
BNA_G
ClientSampleId :
PE-5MSD

Tgt Ion:278 Resp: 720159
Ion Ratio Lower Upper
278 100
139 11.8 9.8 14.8
279 24.5 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 40.617 ng
RT: 30.357 min Scan# 4607
Delta R.T. -0.016 min
Lab File: BG055879.D
Acq: 2 Dec 2022 18:28

Tgt Ion:276 Resp: 705717
Ion Ratio Lower Upper
276 100
277 22.9 19.8 29.6
138 15.1 13.1 19.7

