

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055937.D
 Acq On : 8 Dec 2022 21:30
 Operator : CG/JU
 Sample : N5942-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MSD

Quant Time: Dec 09 08:13:07 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 09 07:57:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	36554	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	157236	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	103879	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	227445	20.000	ng	0.00
76) Chrysene-d12	21.807	240	197287	20.000	ng	0.00
86) Perylene-d12	25.144	264	236406	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	297871	147.291	ng	0.00
7) Phenol-d6	7.306	99	399347	148.343	ng	0.00
23) Nitrobenzene-d5	9.322	82	256005	86.056	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	178963	122.347	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	606016	87.399	ng	0.00
79) Terphenyl-d14	20.109	244	878120	89.025	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.464	88	30803	35.641	ng	97
3) Pyridine	3.887	79	88241	33.282	ng	97
4) n-Nitrosodimethylamine	3.799	42	59484	42.377	ng	96
6) Aniline	7.459	93	104517	30.910	ng	97
8) 2-Chlorophenol	7.706	128	121587	52.592	ng	96
9) Benzaldehyde	7.271	77	55629	30.427	ng	95
10) Phenol	7.330	94	155720	51.661	ng	99
11) bis(2-Chloroethyl)ether	7.547	93	106929	46.290	ng	99
12) 1,3-Dichlorobenzene	8.029	146	127702	46.982	ng	98
13) 1,4-Dichlorobenzene	8.176	146	128713	46.862	ng	97
14) 1,2-Dichlorobenzene	8.499	146	126506	48.064	ng	99
15) Benzyl Alcohol	8.382	79	114923	52.528	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.669	45	203246	48.603	ng	98
17) 2-Methylphenol	8.593	107	112557	52.596	ng	99
18) Hexachloroethane	9.233	117	46387	49.068	ng	98
19) n-Nitroso-di-n-propyla...	8.951	70	94860	45.861	ng	98
20) 3+4-Methylphenols	8.922	107	152285	50.941	ng	98
22) Acetophenone	8.975	105	186655	45.684	ng	98
24) Nitrobenzene	9.363	77	144415	46.476	ng	99
25) Isophorone	9.886	82	268800	47.688	ng	98
26) 2-Nitrophenol	10.080	139	73171	51.010	ng	92
27) 2,4-Dimethylphenol	10.132	122	120230	55.072	ng	98
28) bis(2-Chloroethoxy)met...	10.362	93	152801	50.496	ng	100
29) 2,4-Dichlorophenol	10.626	162	130873	50.084	ng	100
30) 1,2,4-Trichlorobenzene	10.832	180	141297	46.544	ng	98
31) Naphthalene	11.020	128	393491	46.293	ng	100
32) Benzoic acid	10.326	122	40325	22.451	ng	98
33) 4-Chloroaniline	11.131	127	92876	26.488	ng	99
34) Hexachlorobutadiene	11.296	225	94106	45.397	ng	97
35) Caprolactam	11.924	113	39492	43.673	ng	93
36) 4-Chloro-3-methylphenol	12.253	107	138812	48.333	ng	96
37) 2-Methylnaphthalene	12.618	142	291528	45.807	ng	99
38) 1-Methylnaphthalene	12.835	142	274507	44.430	ng	98
40) 1,2,4,5-Tetrachloroben...	12.982	216	173365	53.107	ng	100
41) Hexachlorocyclopentadiene	12.953	237	45400	27.594	ng	97
43) 2,4,6-Trichlorophenol	13.223	196	103705	46.571	ng	98

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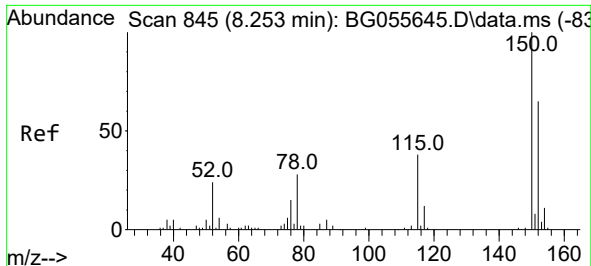
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.311	196	113864	46.530	ng	99
46) 1,1'-Biphenyl	13.611	154	387624	51.206	ng	99
47) 2-Chloronaphthalene	13.664	162	295604	50.240	ng	100
48) 2-Nitroaniline	13.869	65	97652	50.481	ng	98
49) Acenaphthylene	14.504	152	472584	48.776	ng	99
50) Dimethylphthalate	14.228	163	376601	45.479	ng	99
51) 2,6-Dinitrotoluene	14.357	165	82484	48.716	ng	97
52) Acenaphthene	14.845	154	295232	46.623	ng	98
53) 3-Nitroaniline	14.686	138	64223	34.553	ng	98
54) 2,4-Dinitrophenol	14.909	184	67339	69.172	ng	98
55) Dibenzofuran	15.179	168	476303	48.758	ng	98
56) 4-Nitrophenol	15.015	139	106652	73.110	ng	96
57) 2,4-Dinitrotoluene	15.144	165	116242	48.694	ng	98
58) Fluorene	15.826	166	393304	50.409	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	96239	40.588	ng	95
60) Diethylphthalate	15.579	149	368731	44.043	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	196259	45.760	ng	96
62) 4-Nitroaniline	15.849	138	80330	41.344	ng	94
63) Azobenzene	16.102	77	336595	46.051	ng	99
65) 4,6-Dinitro-2-methylph...	15.914	198	56059	44.140	ng	96
66) n-Nitrosodiphenylamine	16.020	169	314009	50.096	ng	99
67) 4-Bromophenyl-phenylether	16.701	248	128153	49.452	ng	98
68) Hexachlorobenzene	16.830	284	138950	48.355	ng	99
69) Atrazine	16.966	200	127880	51.585	ng	99
70) Pentachlorophenol	17.183	266	107094	60.924	ng	98
71) Phenanthrene	17.571	178	1479662	120.553	ng	97
72) Anthracene	17.659	178	670967	56.263	ng	99
73) Carbazole	17.929	167	769154	71.743	ng	99
74) Di-n-butylphthalate	18.458	149	610493	45.860	ng	99
75) Fluoranthene	19.574	202	2384447	159.686	ng	94
77) Benzidine	19.739	184	212171	46.487	ng	99
78) Pyrene	19.939	202	2017731	151.096	ng	93
80) Butylbenzylphthalate	20.785	149	261088	49.942	ng	97
81) Benzo(a)anthracene	21.789	228	1311794	96.538	ng	97
82) 3,3'-Dichlorobenzidine	21.689	252	162207	33.972	ng	97
83) Chrysene	21.860	228	1423153	110.015	ng	96
84) Bis(2-ethylhexyl)phtha...	21.648	149	383404	51.031	ng	99
85) Di-n-octyl phthalate	22.888	149	656172	51.035	ng	99
87) Indeno(1,2,3-cd)pyrene	29.016	276	1239078	63.979	ng	# 95
88) Benzo(b)fluoranthene	24.093	252	1797486	116.750	ng	97
89) Benzo(k)fluoranthene	24.157	252	1076793	70.164	ng	96
90) Benzo(a)pyrene	24.997	252	1314201	99.472	ng	97
91) Dibenzo(a,h)anthracene	29.057	278	730793	46.176	ng	99
92) Benzo(g,h,i)perylene	30.227	276	1128649	70.758	ng	99

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

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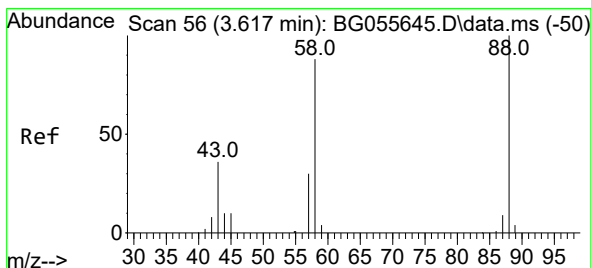
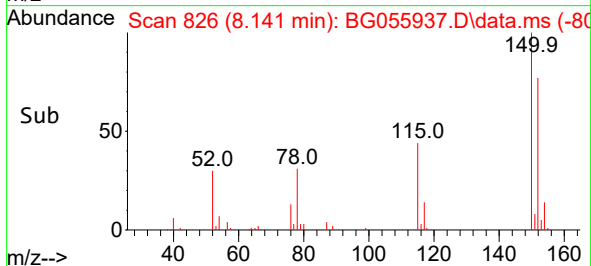
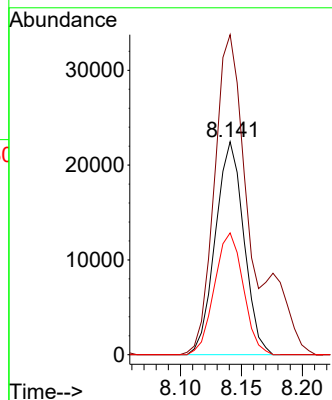
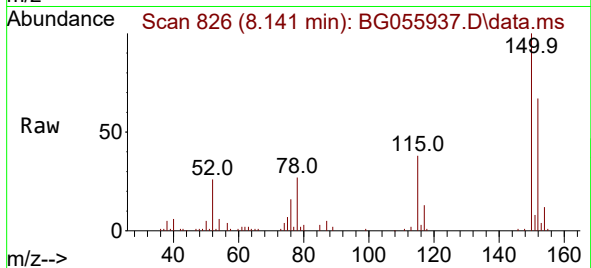




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.141 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

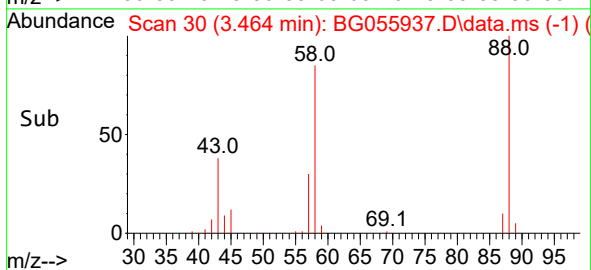
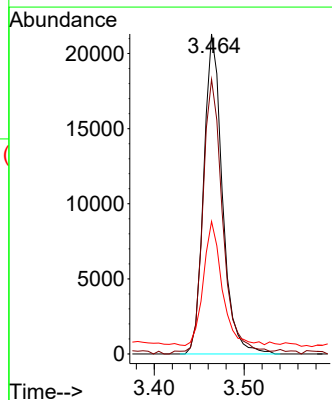
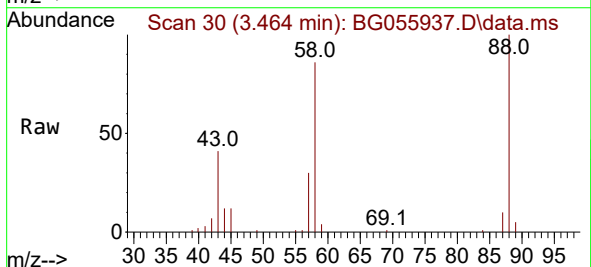
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OK-01-120722MSD

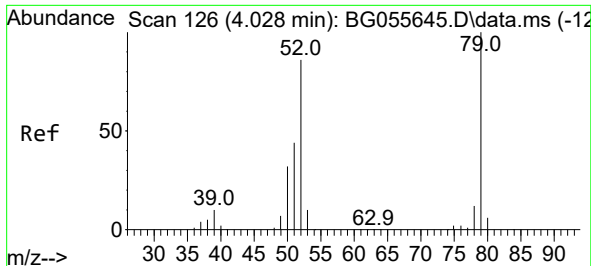
Tgt Ion:152 Resp: 36554
Ion Ratio Lower Upper
152 100
150 150.2 123.0 184.6
115 57.2 47.0 70.4



#2
1,4-Dioxane
Concen: 35.641 ng
RT: 3.464 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion: 88 Resp: 30803
Ion Ratio Lower Upper
88 100
58 91.4 71.3 106.9
43 38.6 28.6 43.0

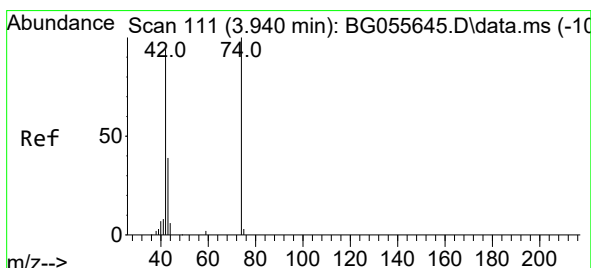
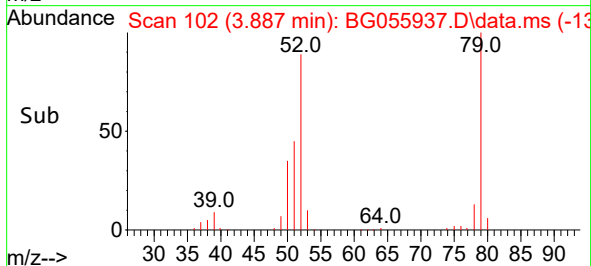
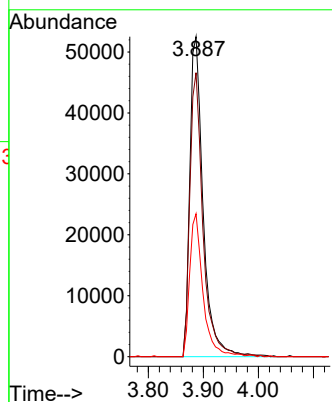
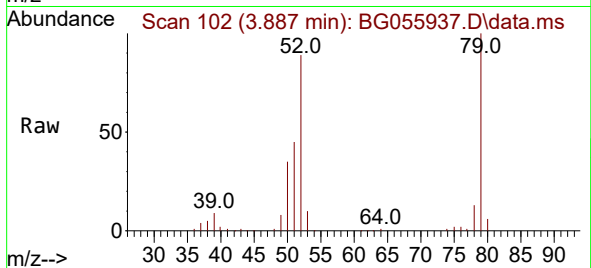




#3
Pyridine
Concen: 33.282 ng
RT: 3.887 min Scan# 102
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

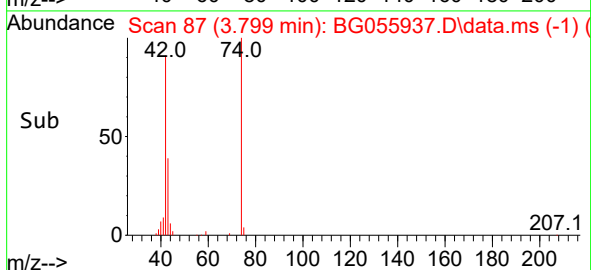
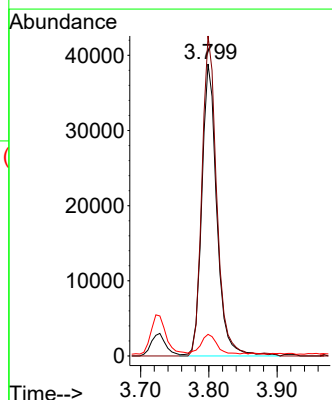
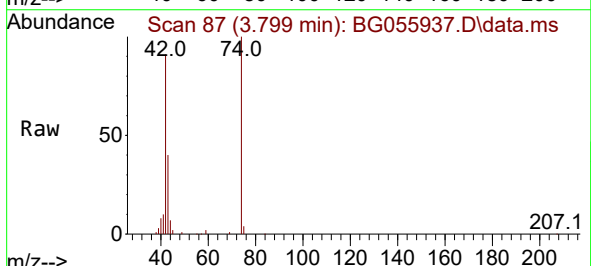
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BNA_G
ClientSampleId :
OK-01-120722MSD

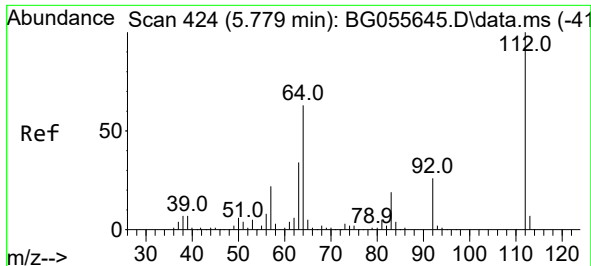
Tgt Ion: 79 Resp: 88241
Ion Ratio Lower Upper
79 100
52 88.8 68.9 103.3
51 44.7 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 42.377 ng
RT: 3.799 min Scan# 87
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion: 42 Resp: 59484
Ion Ratio Lower Upper
42 100
74 109.6 84.7 127.1
44 7.4 5.4 8.0

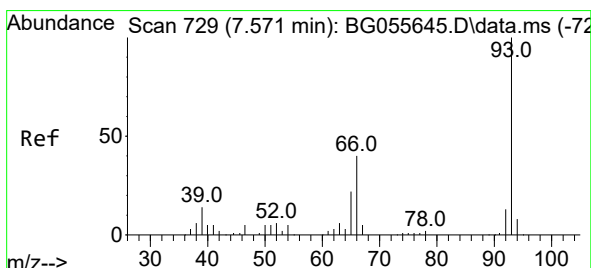
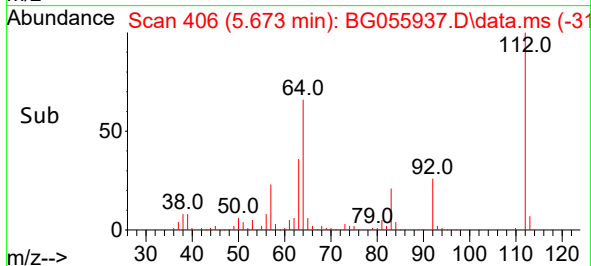
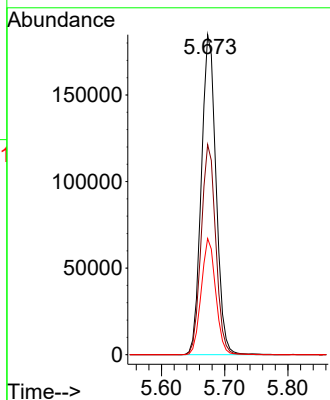
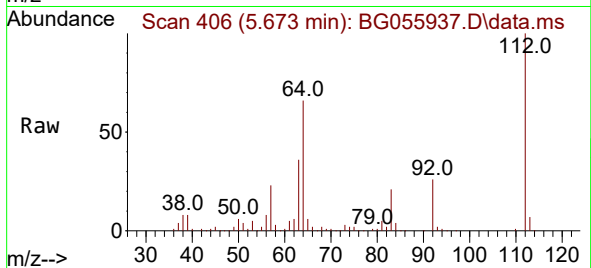




#5
2-Fluorophenol
Concen: 147.291 ng
RT: 5.673 min Scan# 406
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

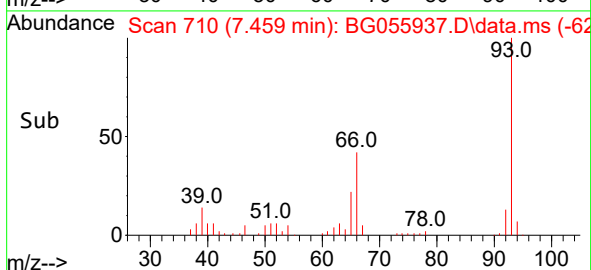
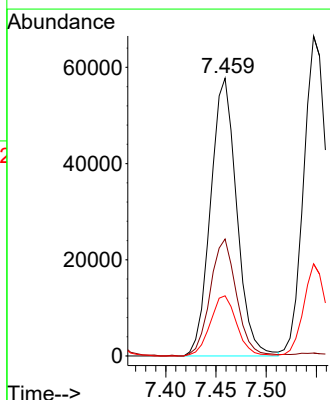
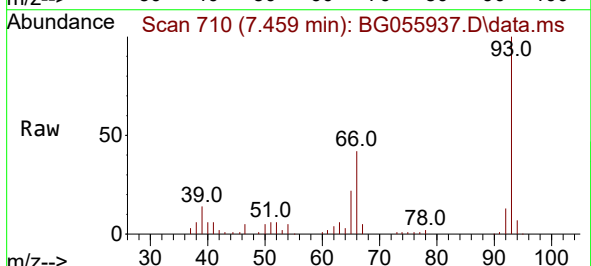
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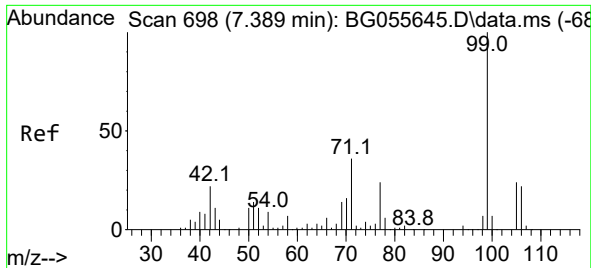
Tgt Ion:112 Resp: 297871
Ion Ratio Lower Upper
112 100
64 65.7 50.6 76.0
63 36.3 27.5 41.3



#6
Aniline
Concen: 30.910 ng
RT: 7.459 min Scan# 710
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion: 93 Resp: 104517
Ion Ratio Lower Upper
93 100
66 42.1 31.7 47.5
65 21.7 17.9 26.9

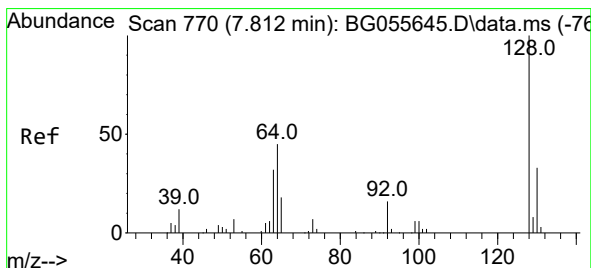
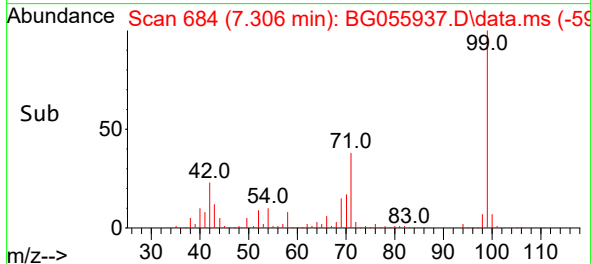
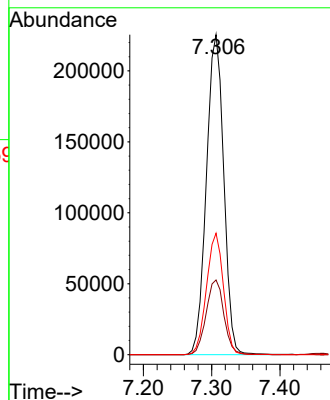
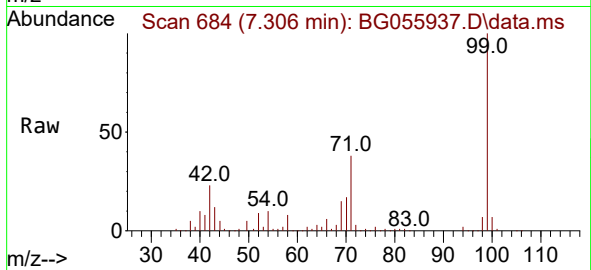




#7
Phenol-d6
Concen: 148.343 ng
RT: 7.306 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

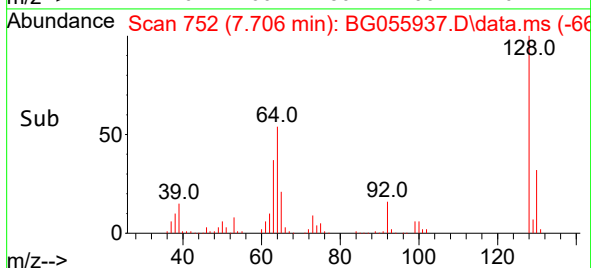
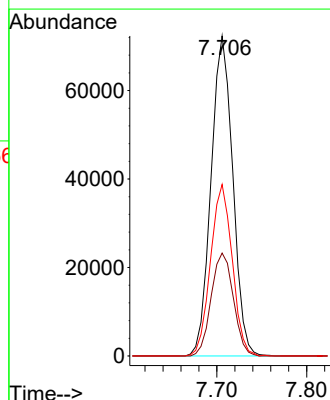
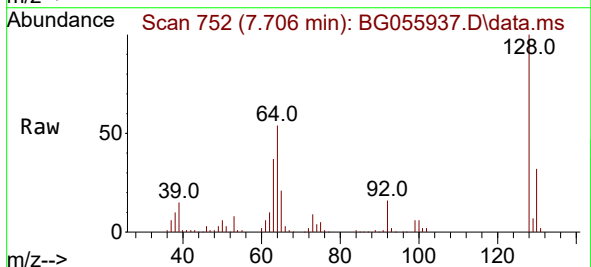
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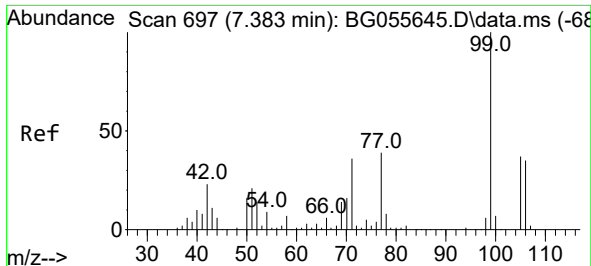
Tgt Ion: 99 Resp: 399347
Ion Ratio Lower Upper
99 100
42 23.3 18.0 27.0
71 37.9 29.0 43.6



#8
2-Chlorophenol
Concen: 52.592 ng
RT: 7.706 min Scan# 752
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:128 Resp: 121587
Ion Ratio Lower Upper
128 100
130 32.2 13.1 53.1
64 53.6 30.2 70.2

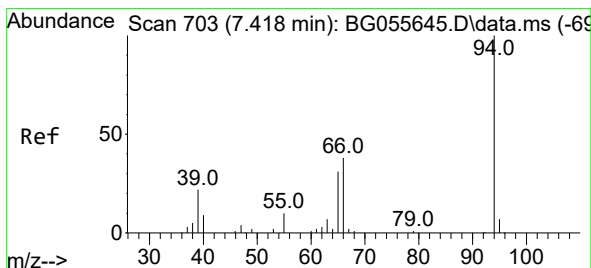
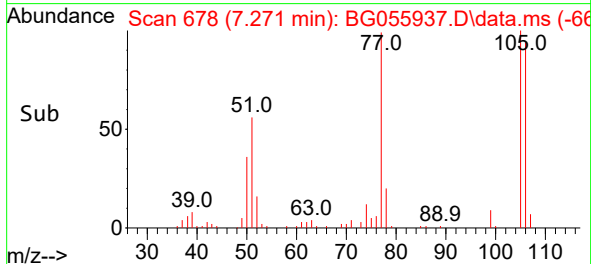
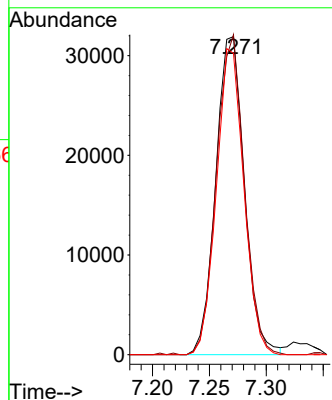
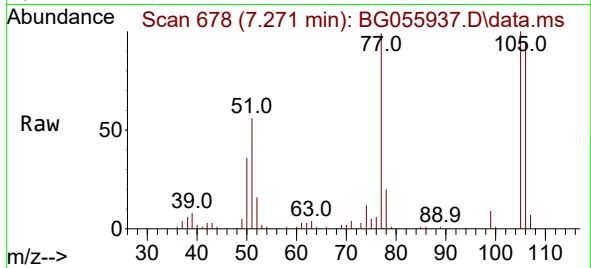




#9
Benzaldehyde
Concen: 30.427 ng
RT: 7.271 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

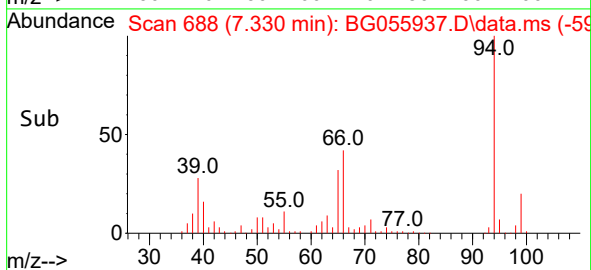
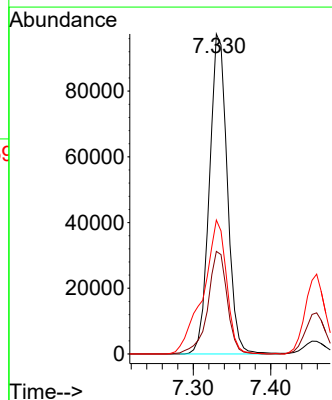
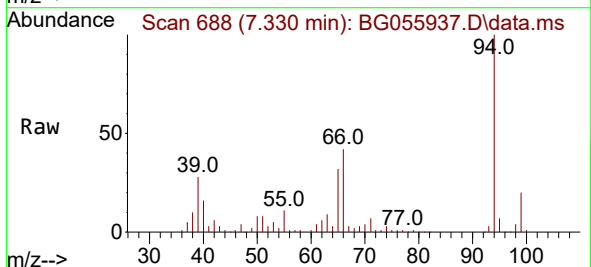
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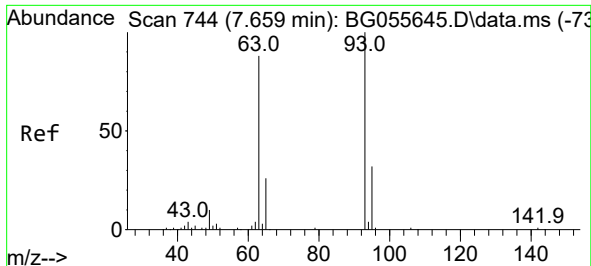
Tgt Ion: 77 Resp: 55629
Ion Ratio Lower Upper
77 100
105 100.6 76.3 116.3
106 94.8 69.8 109.8



#10
Phenol
Concen: 51.661 ng
RT: 7.330 min Scan# 688
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion: 94 Resp: 155720
Ion Ratio Lower Upper
94 100
65 32.0 11.8 51.8
66 41.9 20.5 60.5

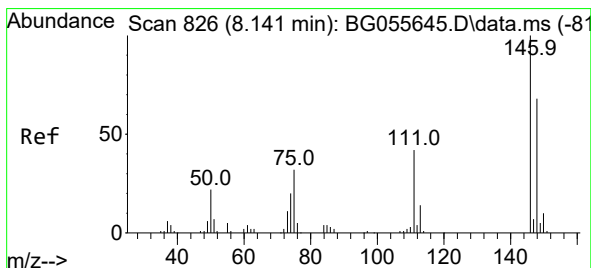
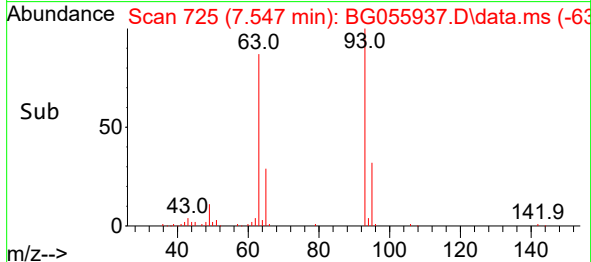
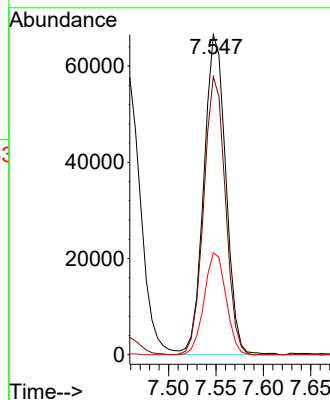
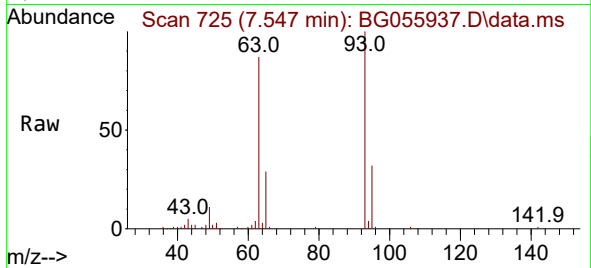




#11
bis(2-Chloroethyl)ether
Concen: 46.290 ng
RT: 7.547 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

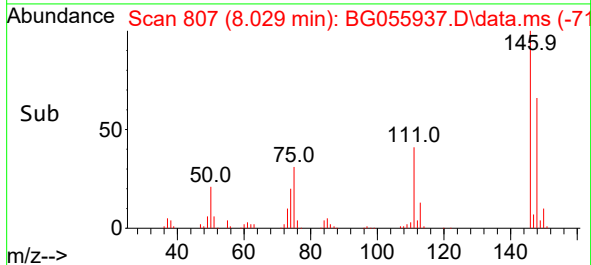
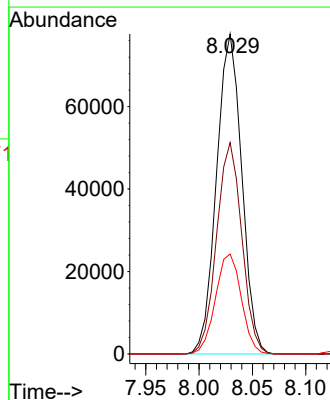
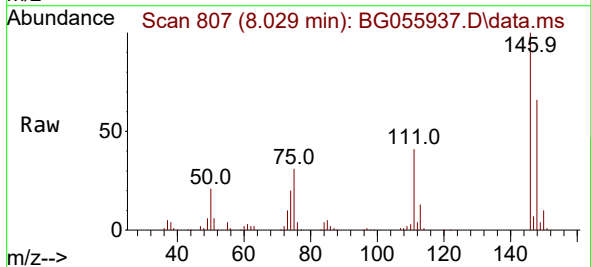
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

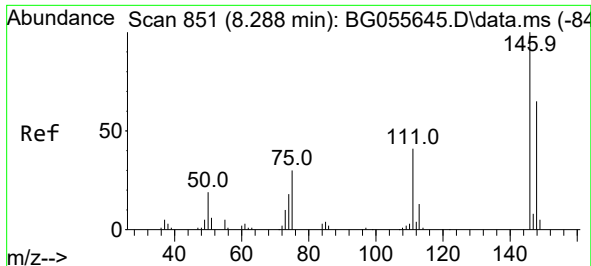
Tgt Ion: 93 Resp: 106929
Ion Ratio Lower Upper
93 100
63 86.8 67.6 107.6
95 31.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 46.982 ng
RT: 8.029 min Scan# 807
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:146 Resp: 127702
Ion Ratio Lower Upper
146 100
148 66.1 54.6 81.8
75 31.3 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 46.862 ng

RT: 8.176 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

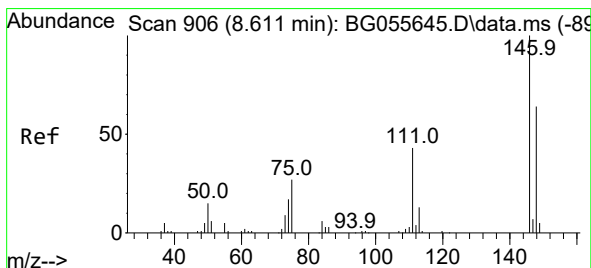
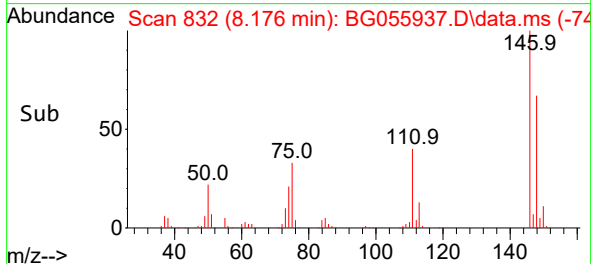
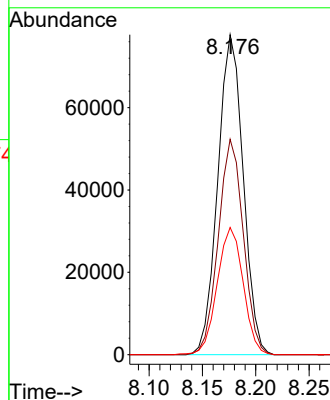
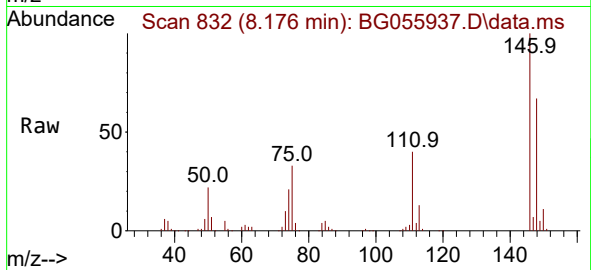
Tgt Ion:146 Resp: 128713

Ion Ratio Lower Upper

146 100

148 67.3 52.1 78.1

111 39.8 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 48.064 ng

RT: 8.499 min Scan# 887

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

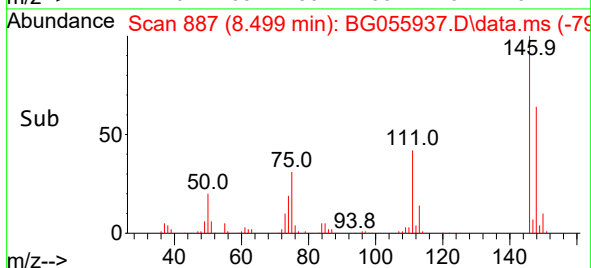
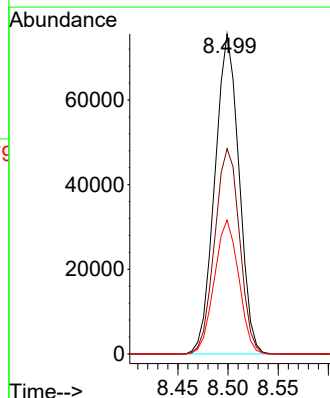
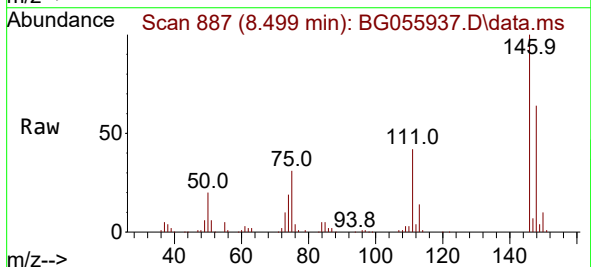
Tgt Ion:146 Resp: 126506

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

111 41.9 34.5 51.7

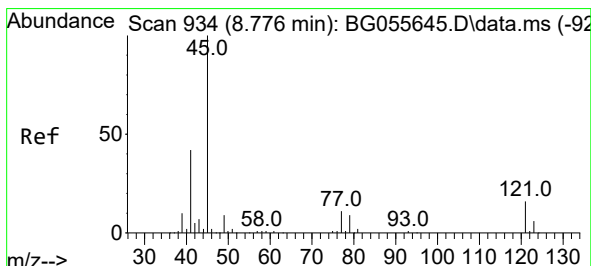
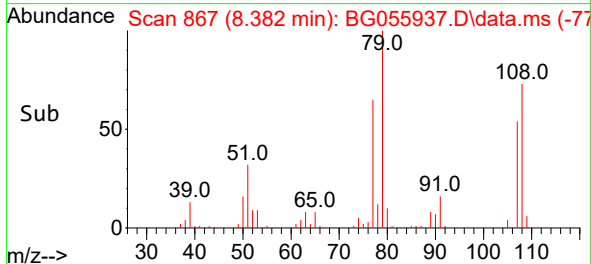
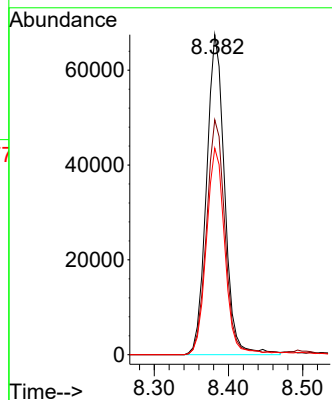
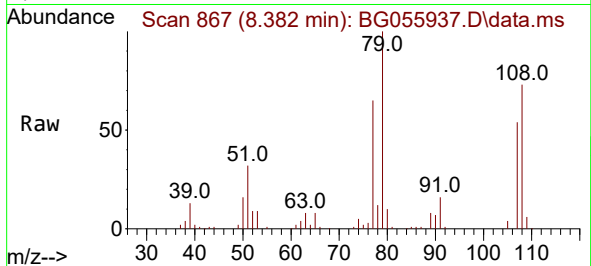




#15
Benzyl Alcohol
Concen: 52.528 ng
RT: 8.382 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

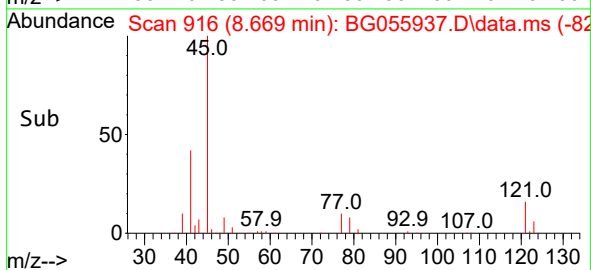
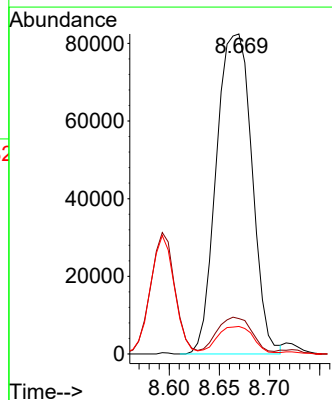
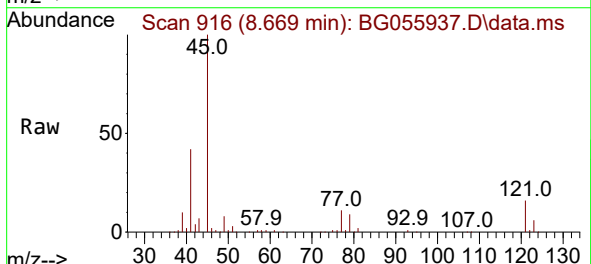
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

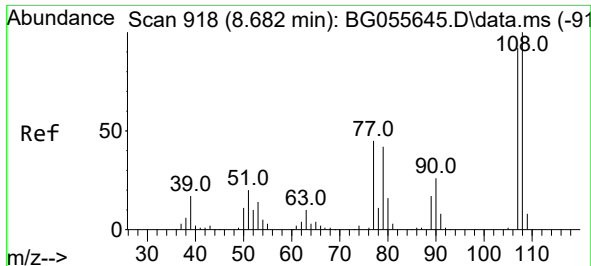
Tgt Ion: 79 Resp: 114923
Ion Ratio Lower Upper
79 100
108 73.4 62.6 93.8
77 64.6 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.603 ng
RT: 8.669 min Scan# 916
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion: 45 Resp: 203246
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.7
79 8.6 0.0 29.5





#17

2-Methylphenol

Concen: 52.596 ng

RT: 8.593 min Scan# 90

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

Tgt Ion:107 Resp: 112557

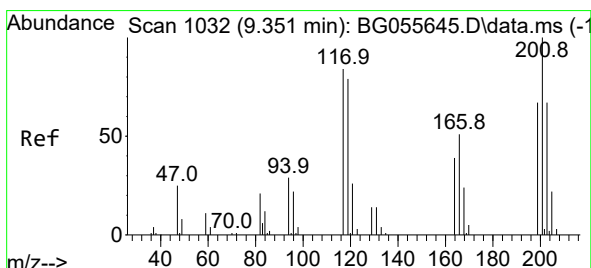
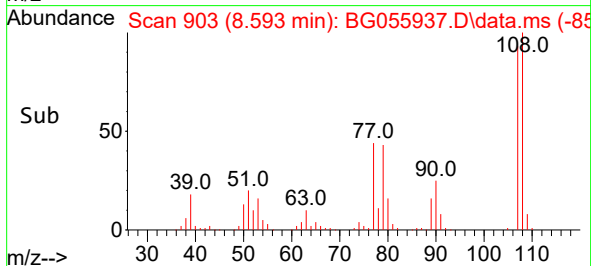
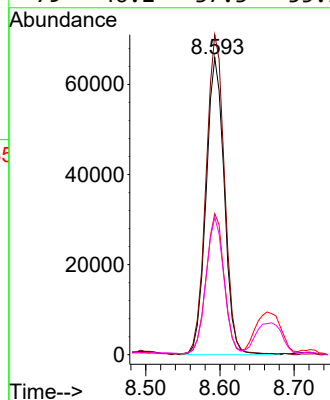
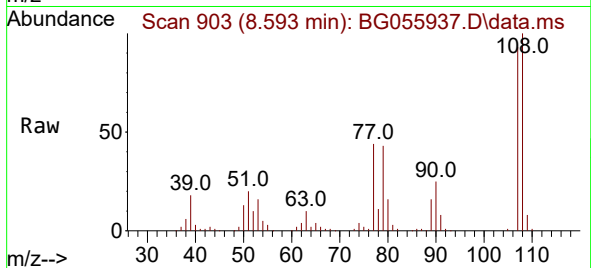
Ion Ratio Lower Upper

107 100

108 107.7 87.3 130.9

77 47.4 39.4 59.0

79 46.2 37.3 55.9



#18

Hexachloroethane

Concen: 49.068 ng

RT: 9.233 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

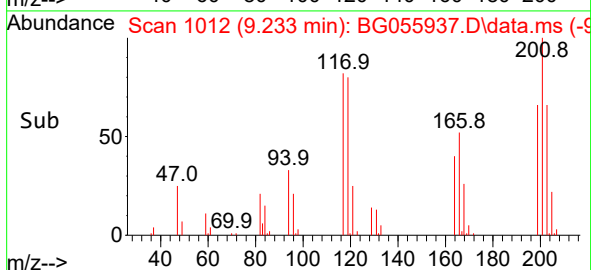
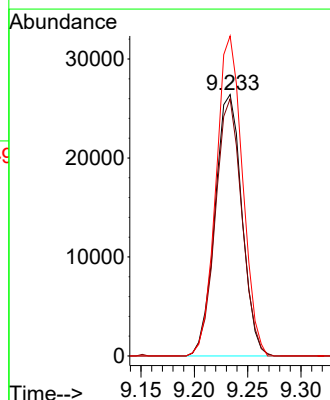
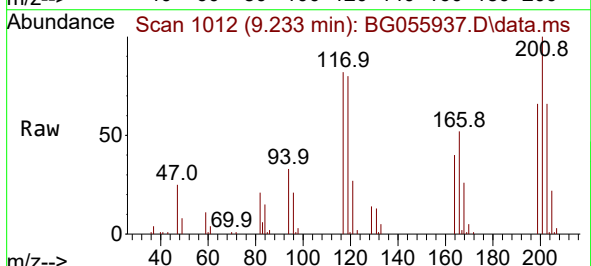
Tgt Ion:117 Resp: 46387

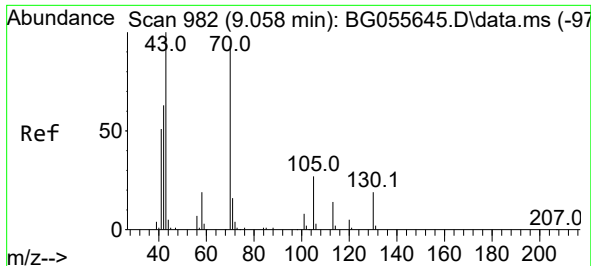
Ion Ratio Lower Upper

117 100

119 98.3 76.0 114.0

201 122.4 98.6 148.0



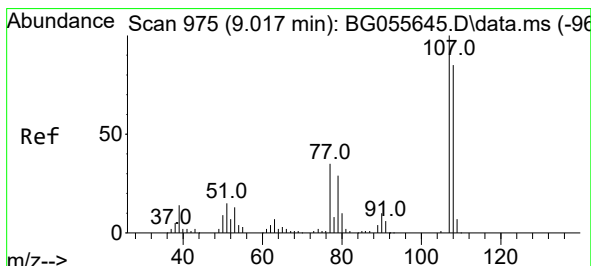
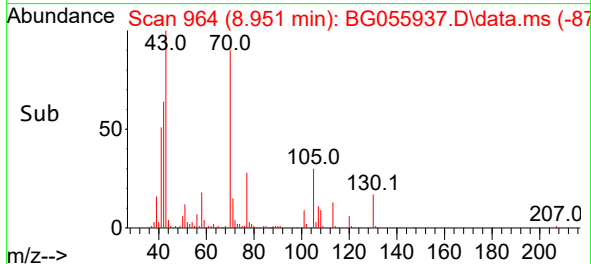
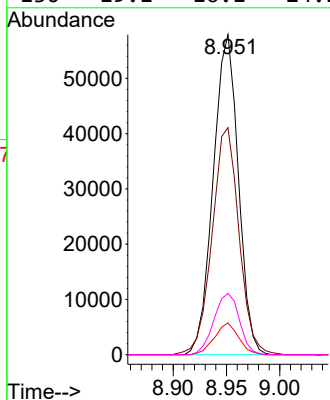
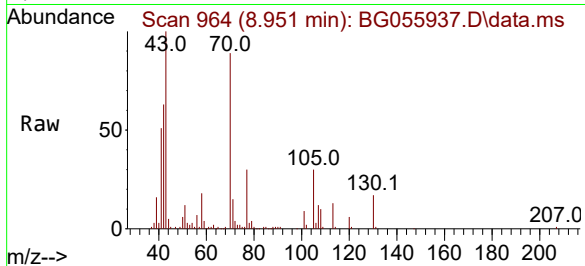


#19
n-Nitroso-di-n-propylamine
Concen: 45.861 ng
RT: 8.951 min Scan# 910
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

Tgt Ion: 70 Resp: 94860

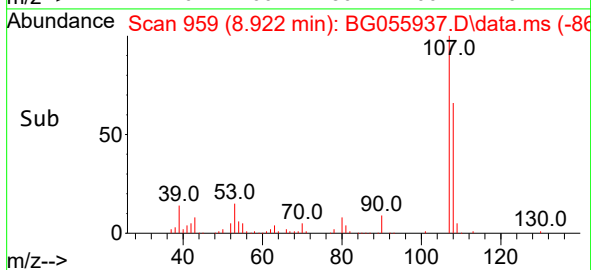
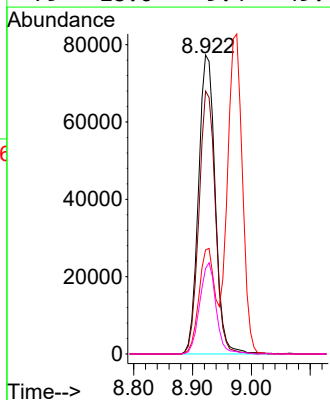
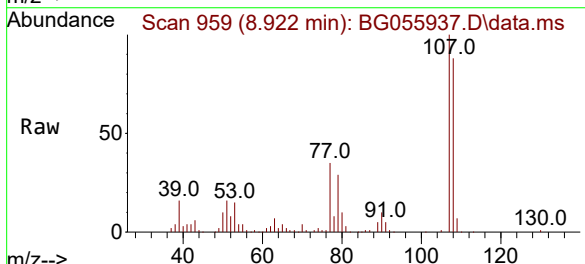
Ion	Ratio	Lower	Upper
70	100		
42	71.0	55.2	82.8
101	10.0	7.1	10.7
130	19.1	16.1	24.1

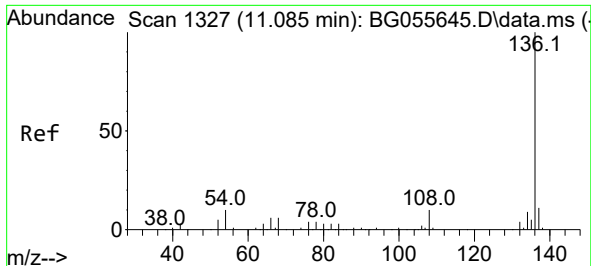


#20
3+4-Methylphenols
Concen: 50.941 ng
RT: 8.922 min Scan# 959
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion: 107 Resp: 152285

Ion	Ratio	Lower	Upper
107	100		
108	87.9	65.5	105.5
77	34.8	14.6	54.6
79	28.6	9.4	49.4

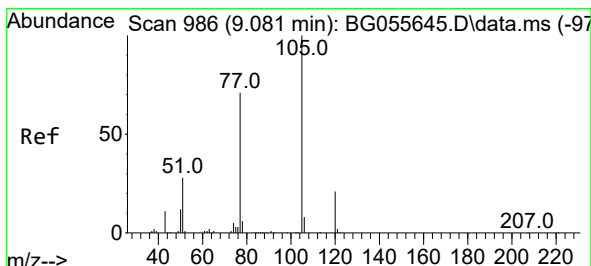
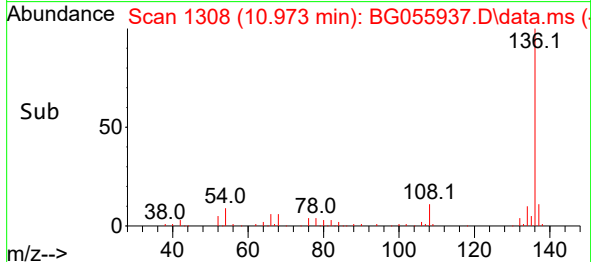
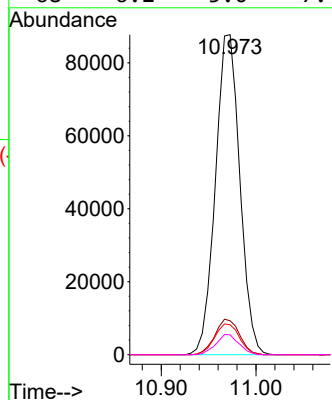
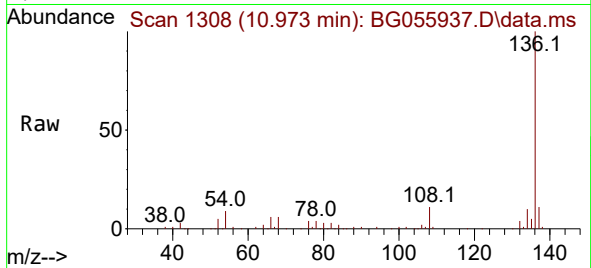




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

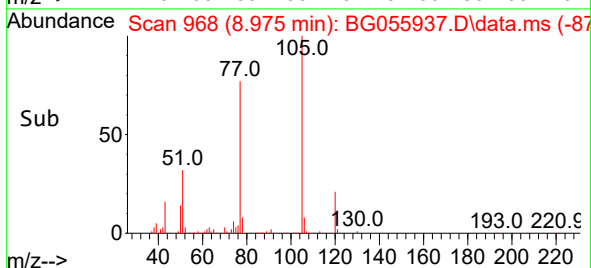
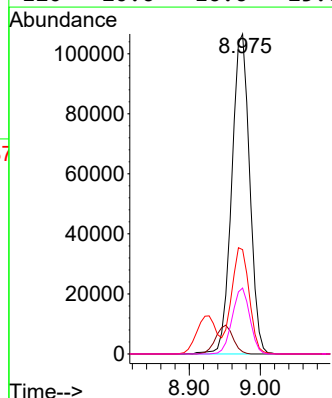
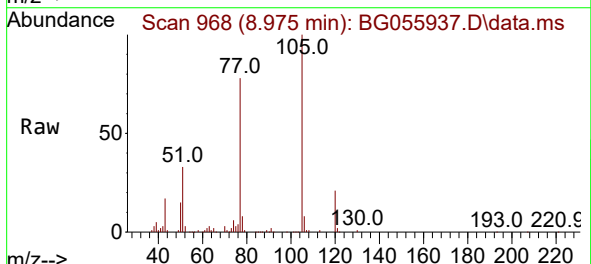
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

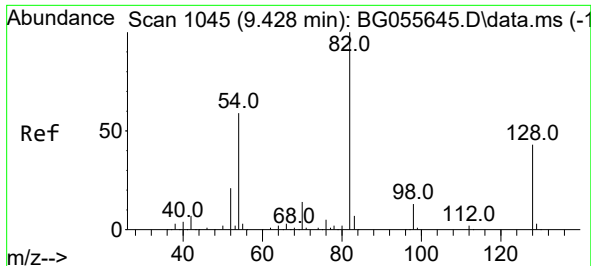
Tgt Ion:	136	Resp:	157236
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.6
54	9.4	7.8	11.6
68	6.2	5.0	7.4



#22
Acetophenone
Concen: 45.684 ng
RT: 8.975 min Scan# 968
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:	105	Resp:	186655
Ion Ratio	Lower	Upper	
105	100		
71	0.7	0.6	1.0
51	32.6	24.5	36.7
120	20.6	16.6	25.0





#23

Nitrobenzene-d5

Concen: 86.056 ng

RT: 9.322 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

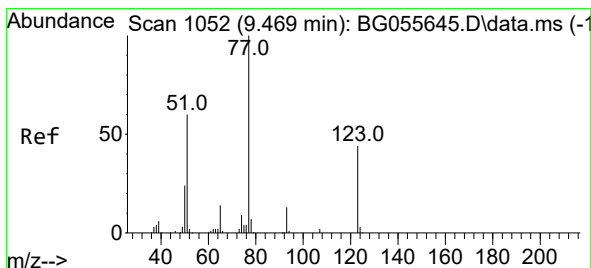
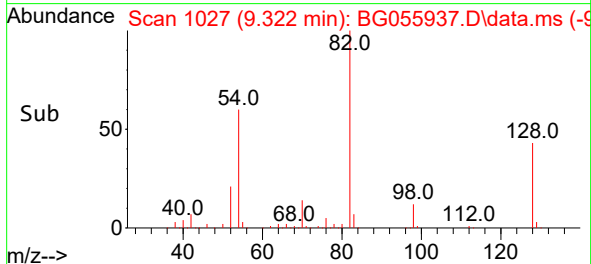
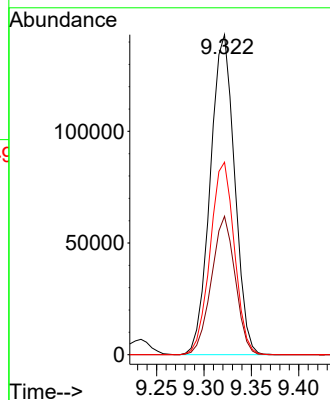
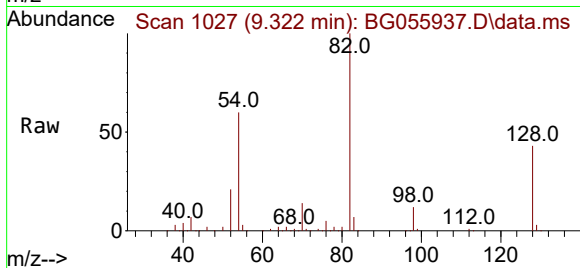
Tgt Ion: 82 Resp: 256005

Ion Ratio Lower Upper

82 100

128 43.2 34.1 51.1

54 60.2 47.3 70.9



#24

Nitrobenzene

Concen: 46.476 ng

RT: 9.363 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

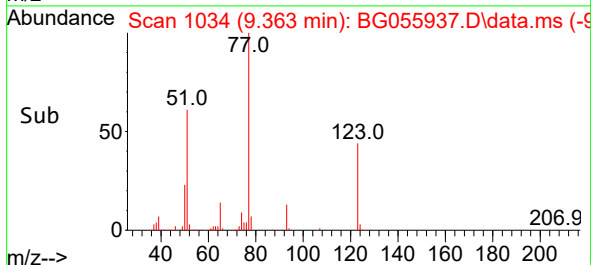
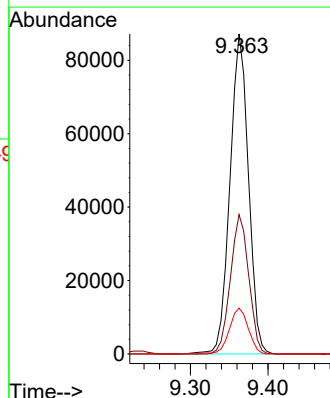
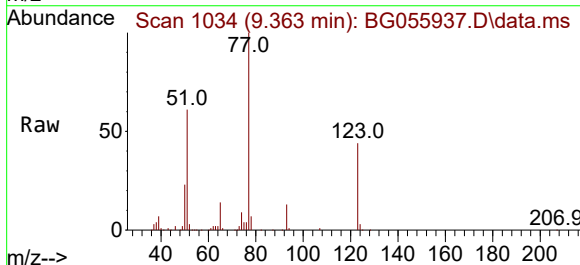
Tgt Ion: 77 Resp: 144415

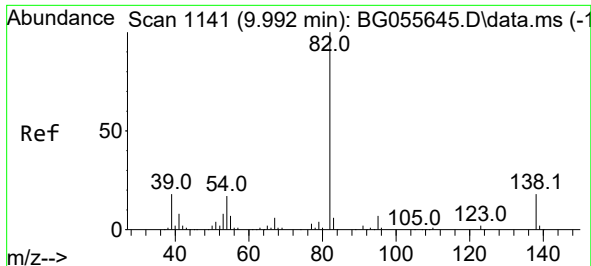
Ion Ratio Lower Upper

77 100

123 43.5 35.5 53.3

65 14.3 11.5 17.3

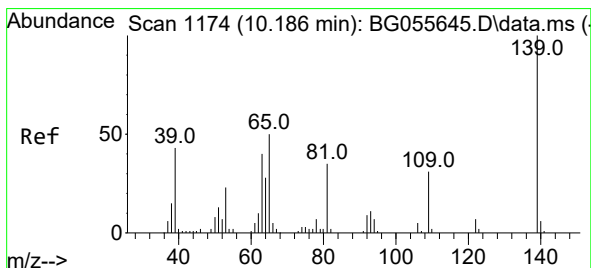
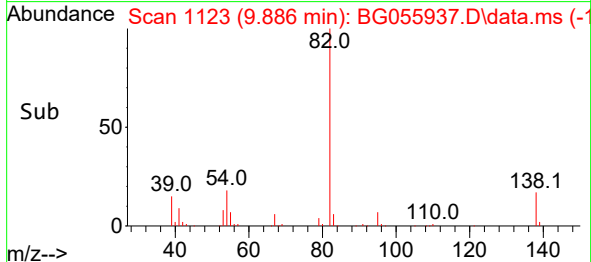
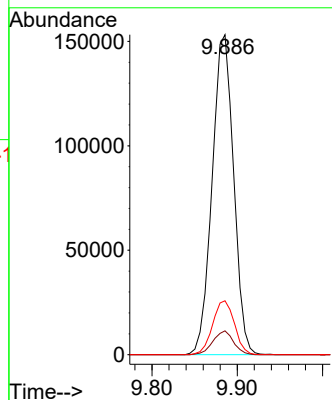
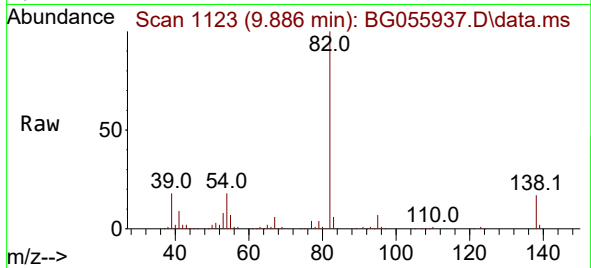




#25
Isophorone
Concen: 47.688 ng
RT: 9.886 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

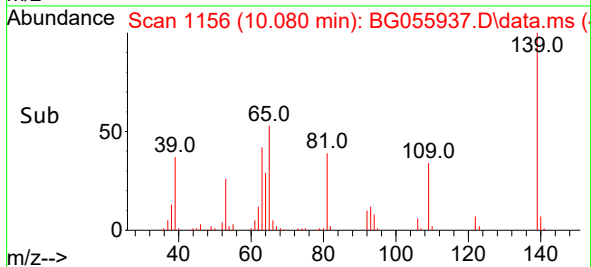
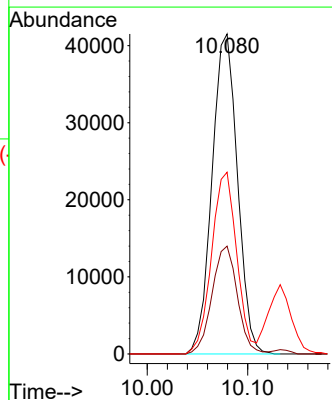
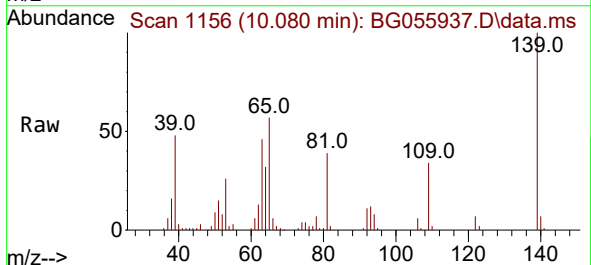
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

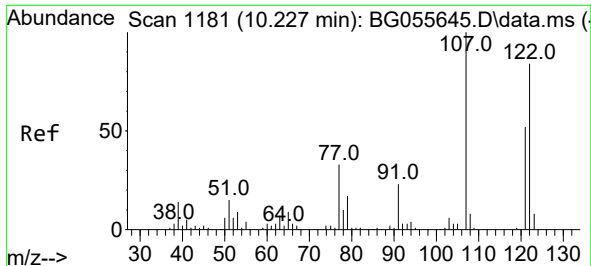
Tgt Ion: 82 Resp: 268800
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 16.9 14.2 21.4



#26
2-Nitrophenol
Concen: 51.010 ng
RT: 10.080 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:139 Resp: 73171
Ion Ratio Lower Upper
139 100
109 33.7 24.4 36.6
65 56.8 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 55.072 ng

RT: 10.132 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

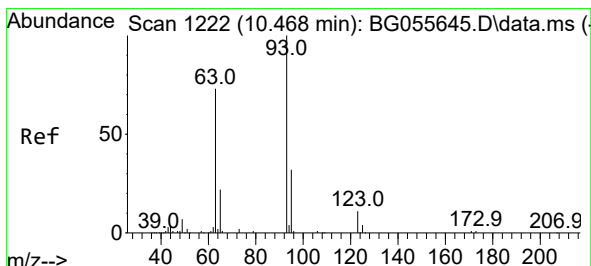
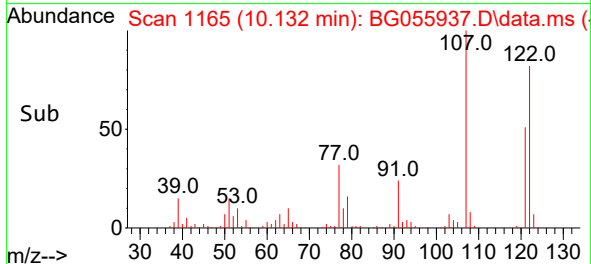
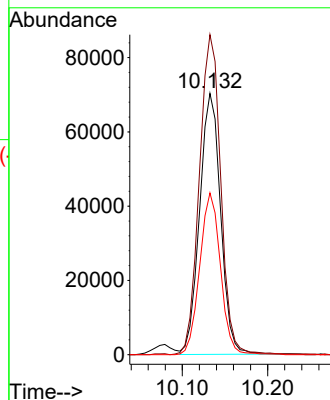
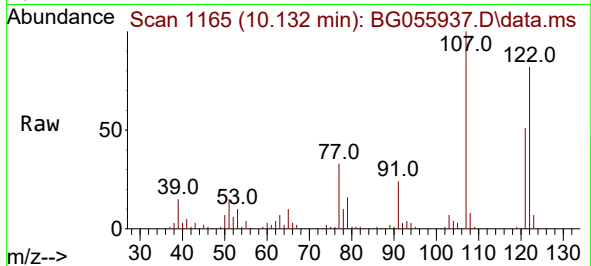
Tgt Ion:122 Resp: 120230

Ion Ratio Lower Upper

122 100

107 122.5 95.8 143.6

121 61.9 49.6 74.4



#28

bis(2-Chloroethoxy)methane

Concen: 50.496 ng

RT: 10.362 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

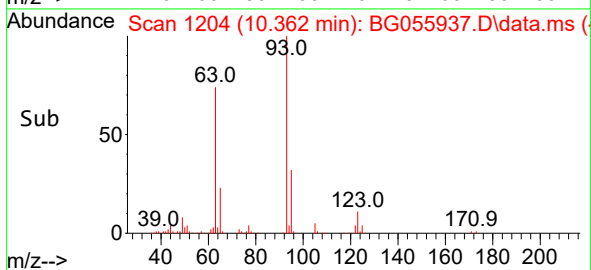
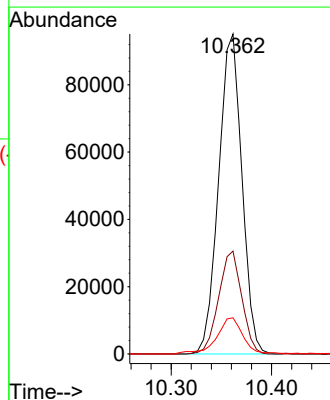
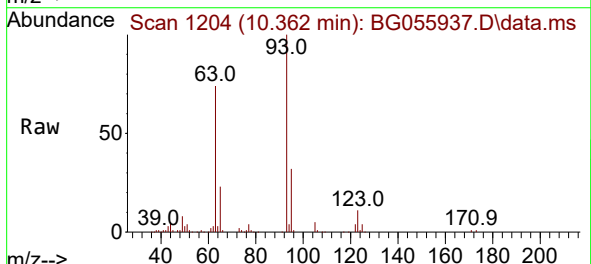
Tgt Ion: 93 Resp: 152801

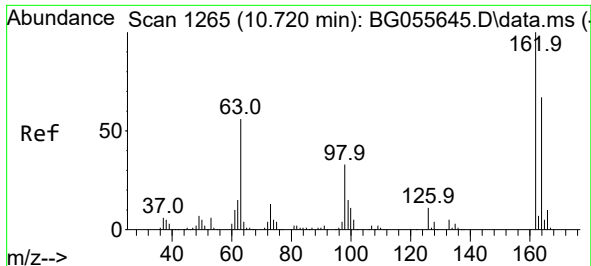
Ion Ratio Lower Upper

93 100

95 32.1 25.7 38.5

123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.084 ng

RT: 10.626 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

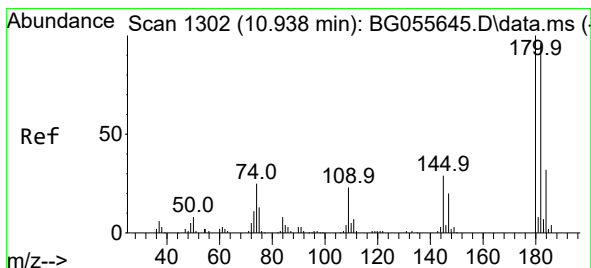
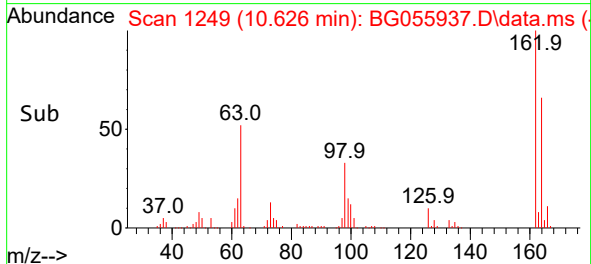
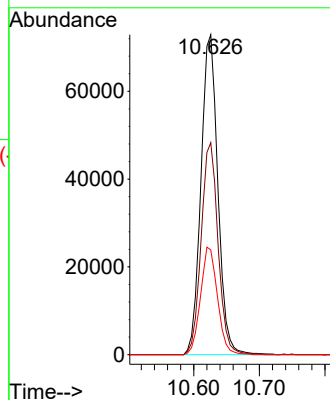
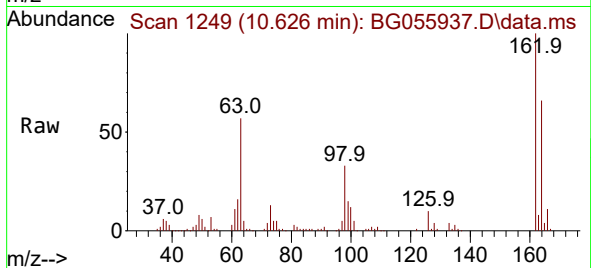
Tgt Ion:162 Resp: 130873

Ion Ratio Lower Upper

162 100

164 66.3 46.7 86.7

98 32.8 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 46.544 ng

RT: 10.832 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

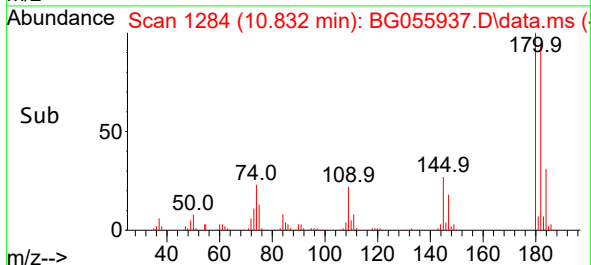
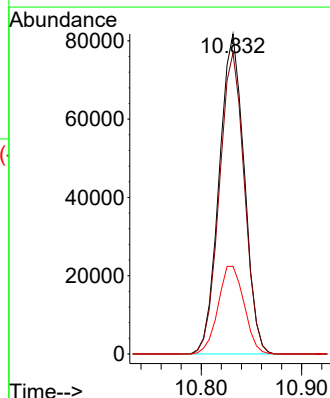
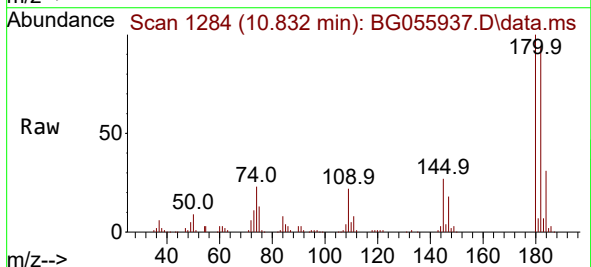
Tgt Ion:180 Resp: 141297

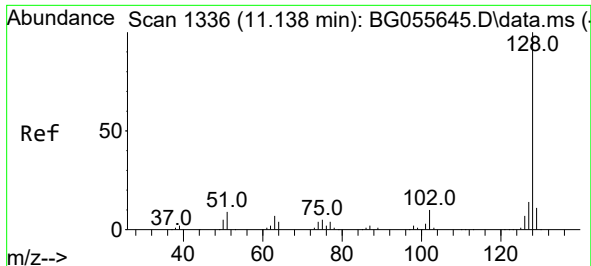
Ion Ratio Lower Upper

180 100

182 94.1 77.1 115.7

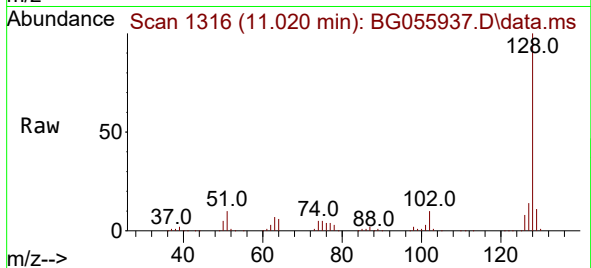
145 27.4 22.9 34.3



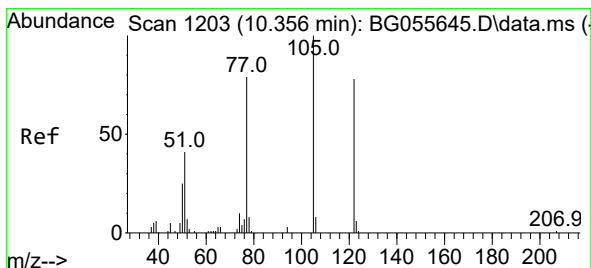
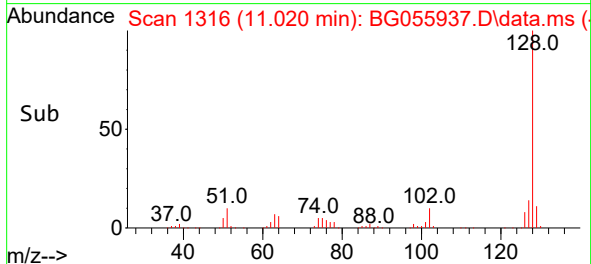
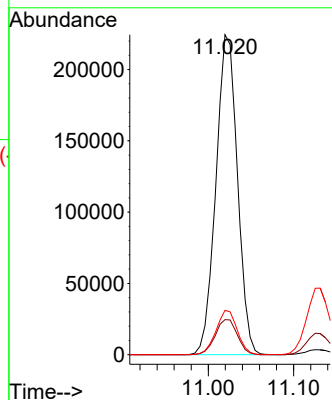


#31
Naphthalene
Concen: 46.293 ng
RT: 11.020 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

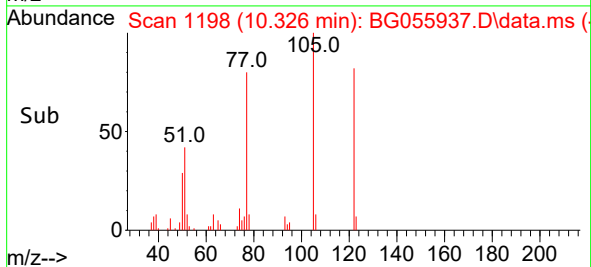
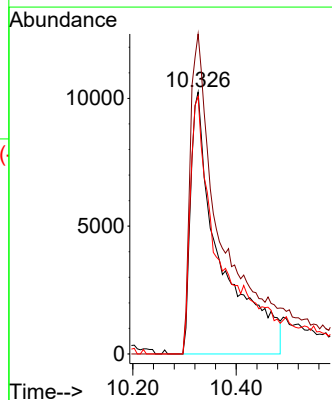
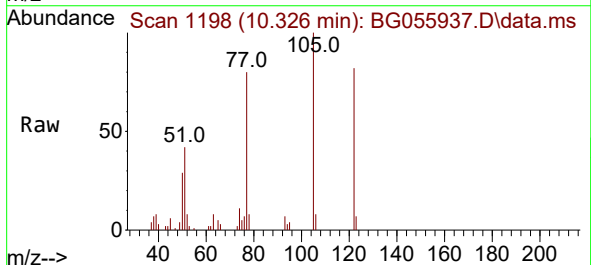


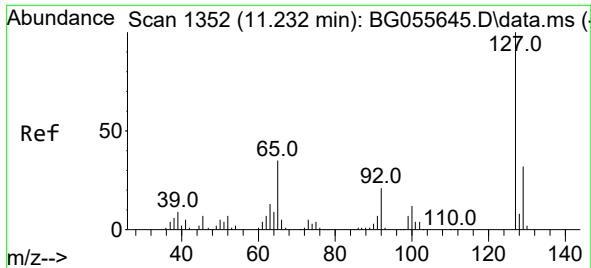
Tgt Ion:128 Resp: 393491
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 22.451 ng
RT: 10.326 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:122 Resp: 40325
Ion Ratio Lower Upper
122 100
105 122.2 104.3 144.3
77 98.3 79.9 119.9

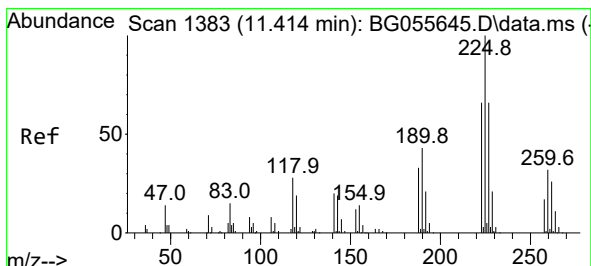
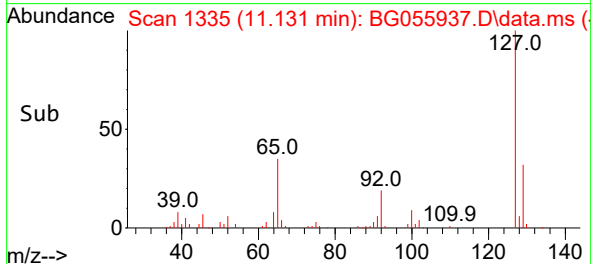
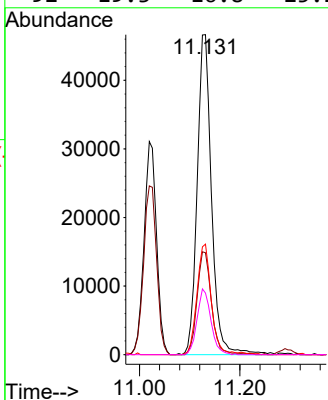
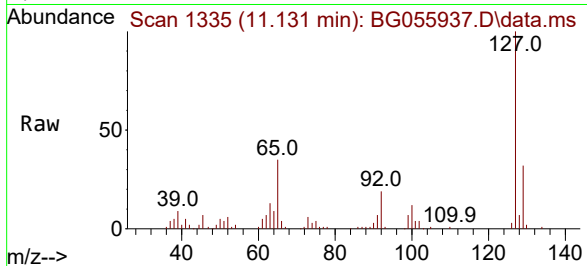




#33
4-Chloroaniline
Concen: 26.488 ng
RT: 11.131 min Scan# 111
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

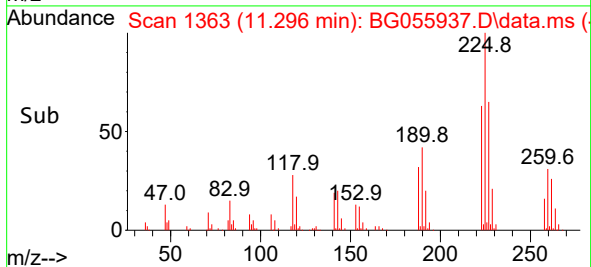
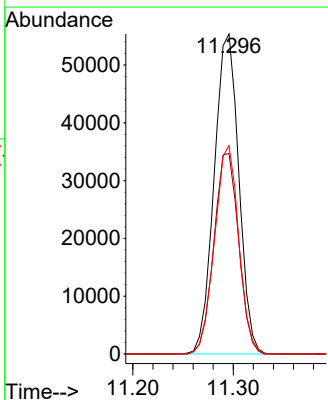
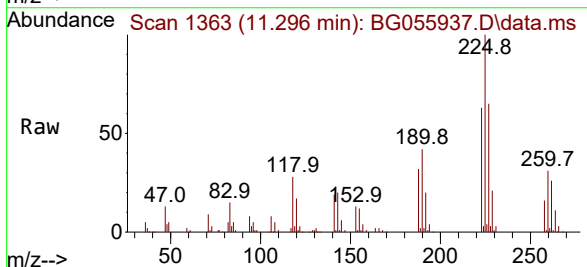
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

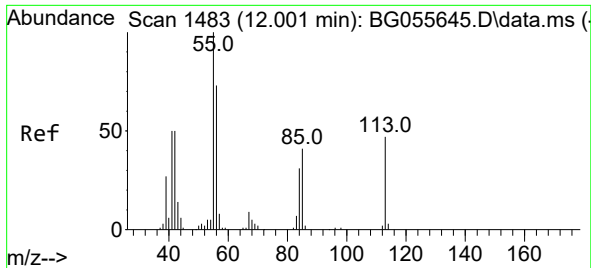
Tgt Ion:	127	Resp:	92876
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.9	38.9
65	34.5	27.9	41.9
92	19.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 45.397 ng
RT: 11.296 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:	225	Resp:	94106
Ion Ratio	Lower	Upper	
225	100		
223	62.7	52.9	79.3
227	65.1	52.6	79.0

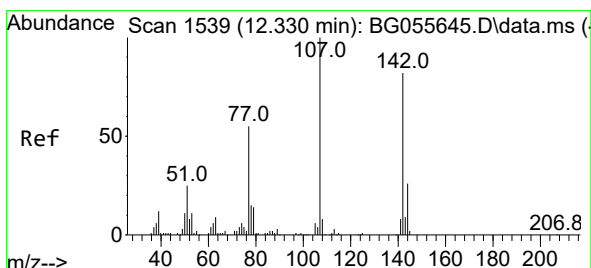
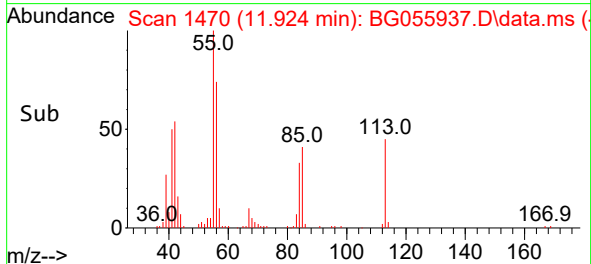
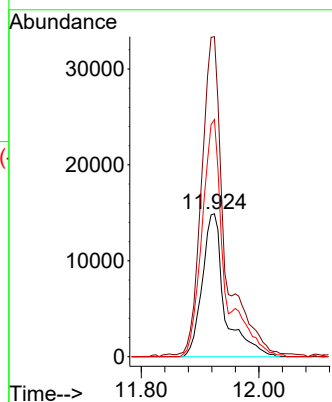
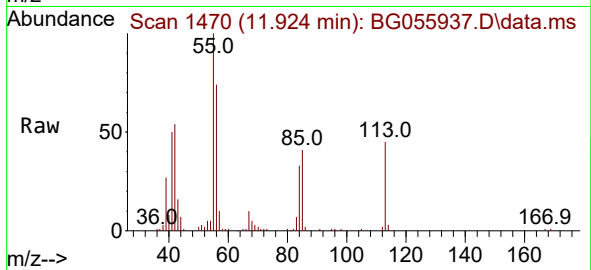




#35
 Caprolactam
 Concen: 43.673 ng
 RT: 11.924 min Scan# 1483
 Delta R.T. 0.012 min
 Lab File: BG055937.D
 Acq: 8 Dec 2022 21:30

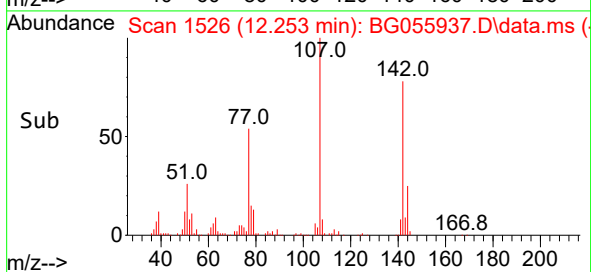
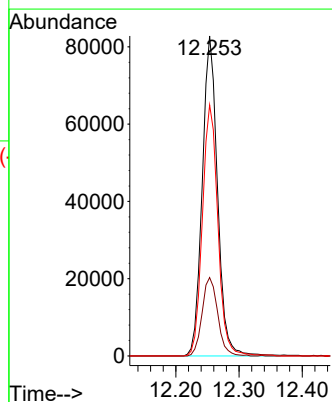
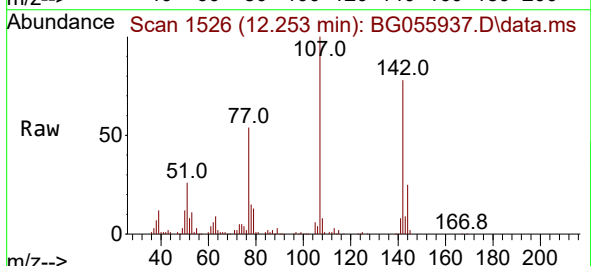
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MSD

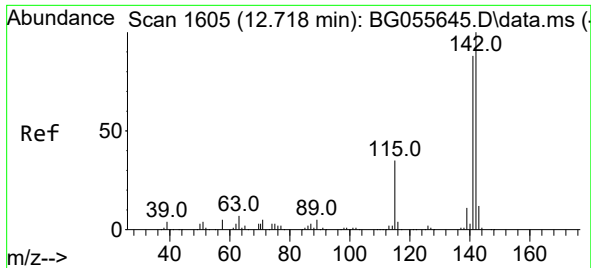
Tgt Ion:113 Resp: 39492
 Ion Ratio Lower Upper
 113 100
 55 224.0 193.5 233.5
 56 166.0 135.2 175.2



#36
 4-Chloro-3-methylphenol
 Concen: 48.333 ng
 RT: 12.253 min Scan# 1526
 Delta R.T. 0.000 min
 Lab File: BG055937.D
 Acq: 8 Dec 2022 21:30

Tgt Ion:107 Resp: 138812
 Ion Ratio Lower Upper
 107 100
 144 24.5 21.0 31.4
 142 78.5 65.9 98.9





#37

2-Methylnaphthalene

Concen: 45.807 ng

RT: 12.618 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

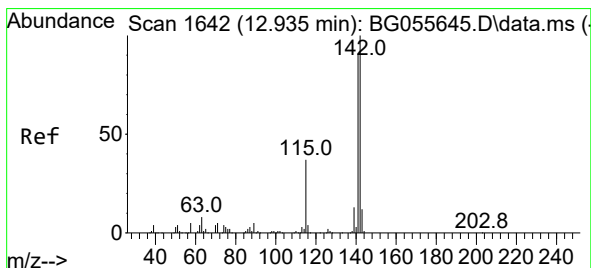
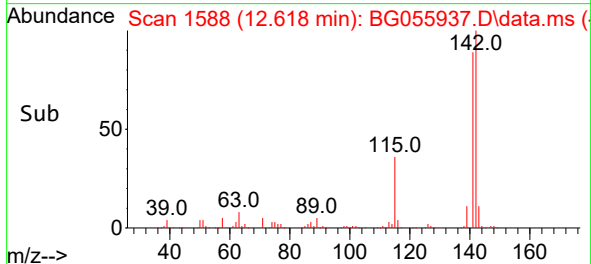
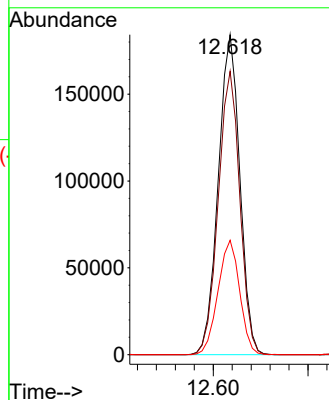
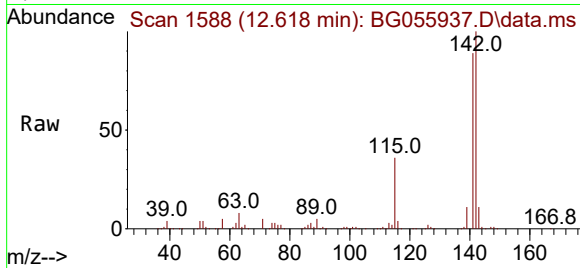
Tgt Ion:142 Resp: 291528

Ion Ratio Lower Upper

142 100

141 88.5 70.3 105.5

115 35.8 27.9 41.9



#38

1-Methylnaphthalene

Concen: 44.430 ng

RT: 12.835 min Scan# 1625

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

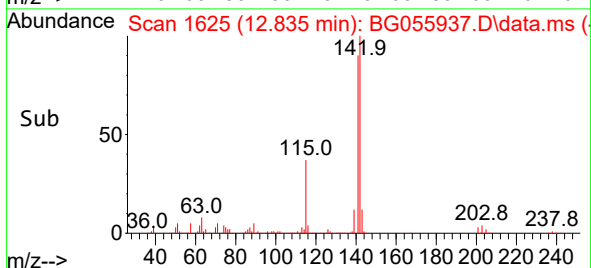
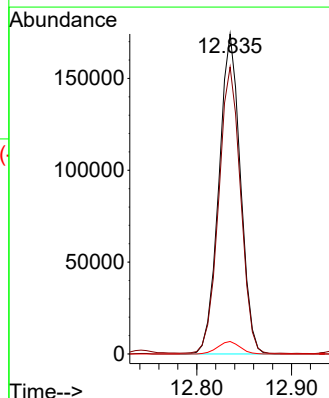
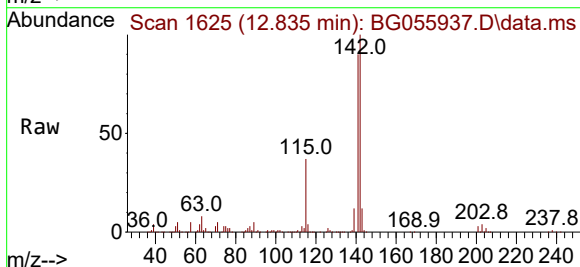
Tgt Ion:142 Resp: 274507

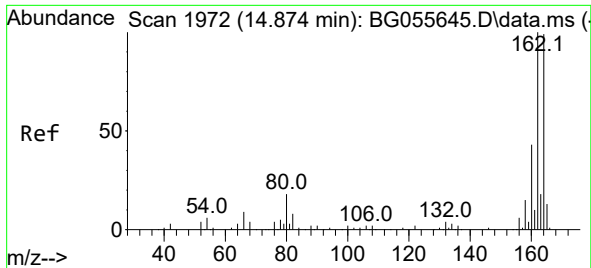
Ion Ratio Lower Upper

142 100

141 89.7 73.0 109.4

116 3.9 3.1 4.7

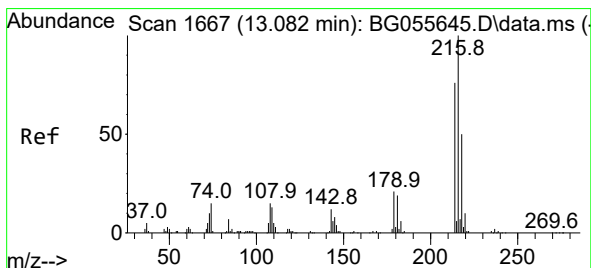
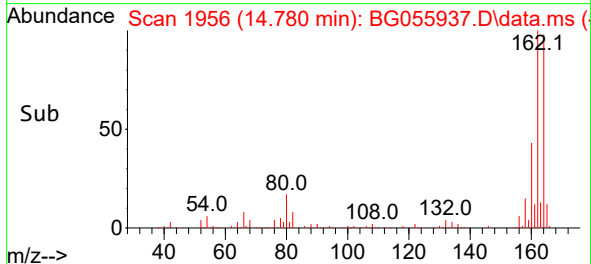
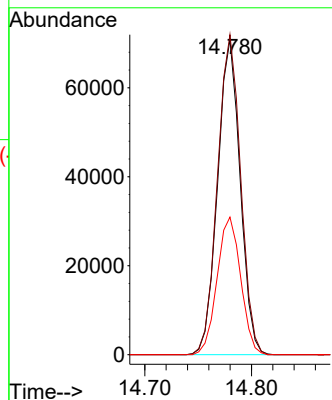
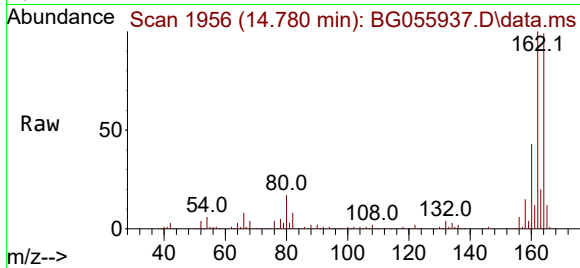




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

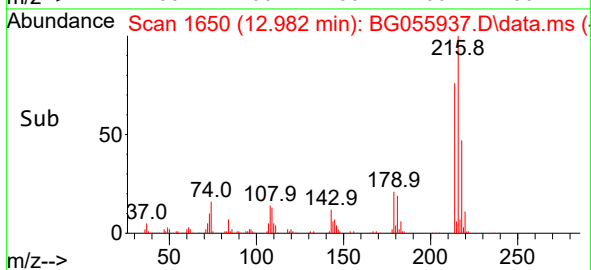
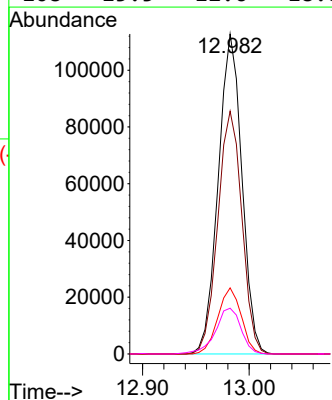
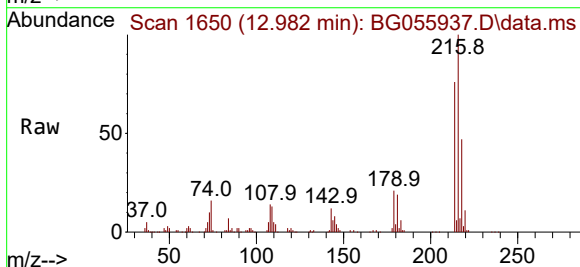
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

Tgt Ion:164 Resp: 103879
Ion Ratio Lower Upper
164 100
162 101.5 81.1 121.7
160 43.6 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.107 ng
RT: 12.982 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

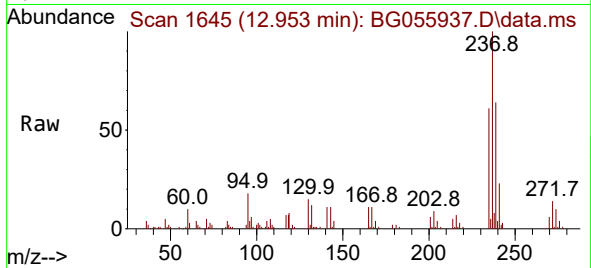
Tgt Ion:216 Resp: 173365
Ion Ratio Lower Upper
216 100
214 77.2 62.1 93.1
179 20.5 16.5 24.7
108 15.5 12.6 18.8



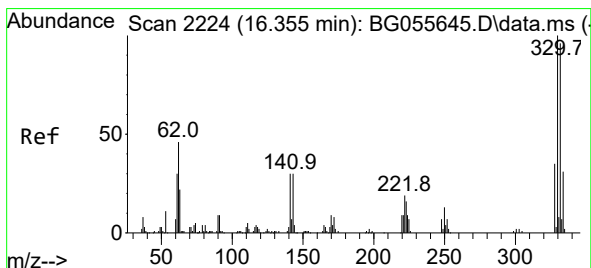
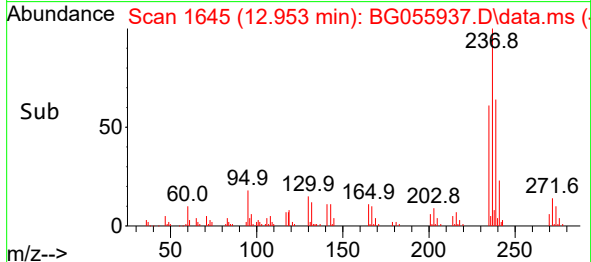
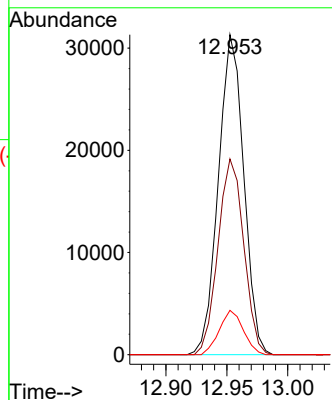


#41
Hexachlorocyclopentadiene
Concen: 27.594 ng
RT: 12.953 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

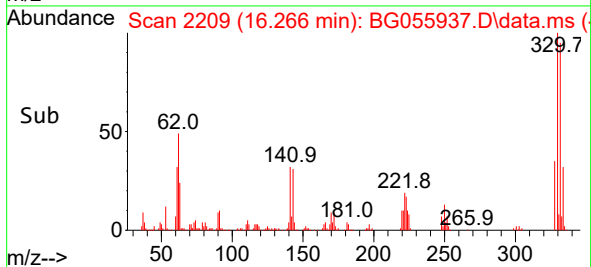
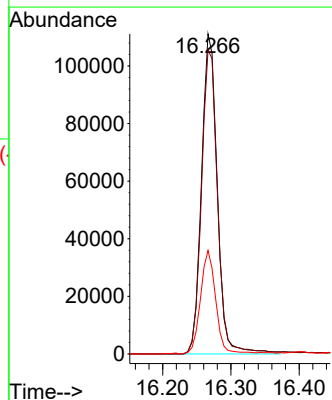
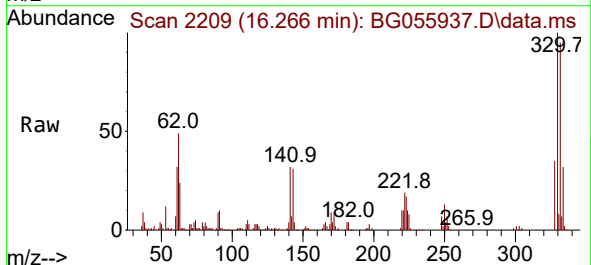


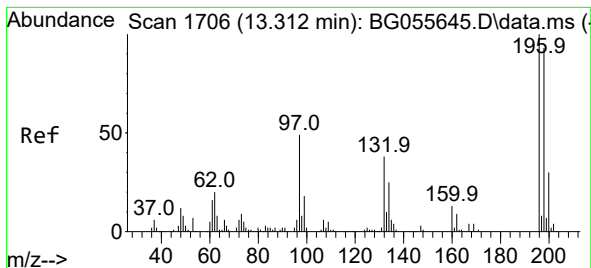
Tgt Ion:237 Resp: 45400
Ion Ratio Lower Upper
237 100
235 61.2 43.7 83.7
272 13.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 122.347 ng
RT: 16.266 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:330 Resp: 178963
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 31.7 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 46.571 ng

RT: 13.223 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

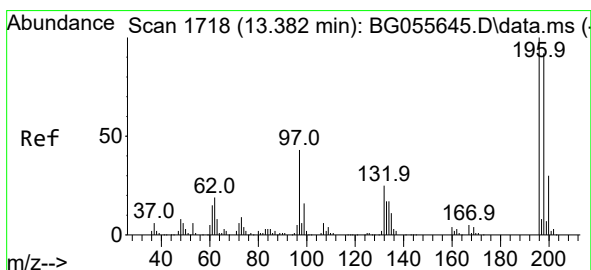
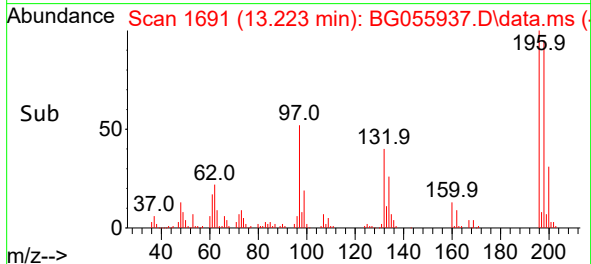
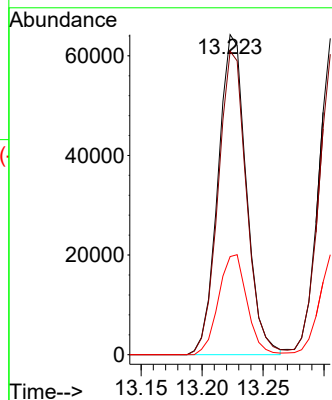
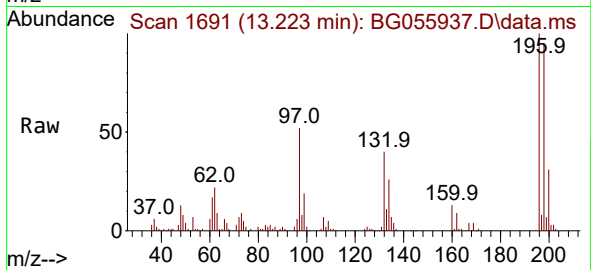
Tgt Ion:196 Resp: 103705

Ion Ratio Lower Upper

196 100

198 94.8 74.6 112.0

200 30.7 23.7 35.5



#44

2,4,5-Trichlorophenol

Concen: 46.530 ng

RT: 13.311 min Scan# 1706

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Tgt Ion:196 Resp: 113864

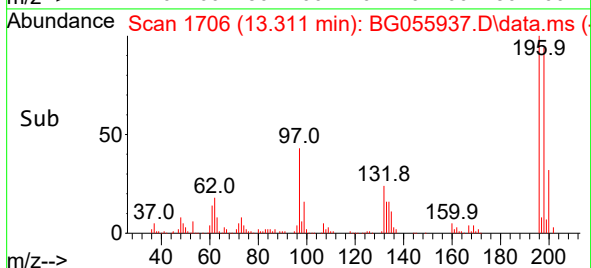
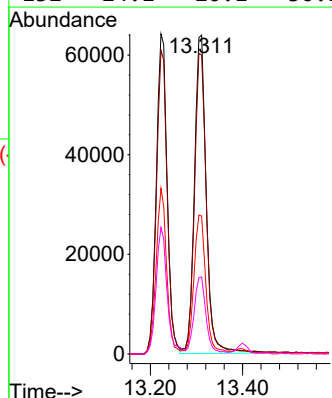
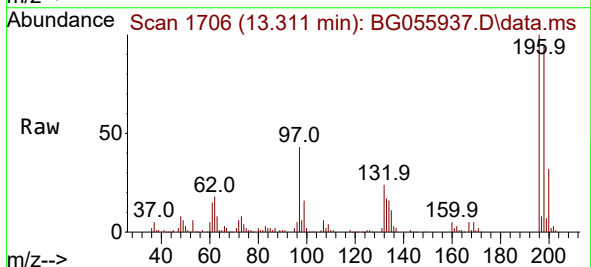
Ion Ratio Lower Upper

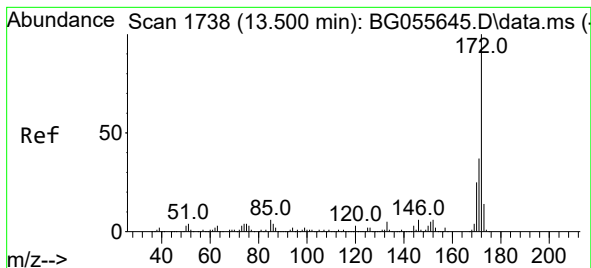
196 100

198 93.8 74.1 111.1

97 43.3 34.8 52.2

132 24.1 20.1 30.1





#45

2-Fluorobiphenyl

Concen: 87.399 ng

RT: 13.399 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

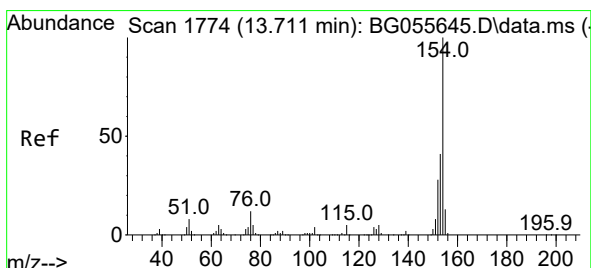
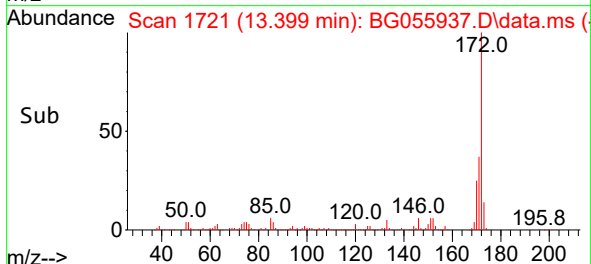
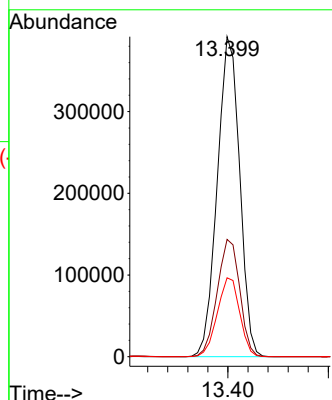
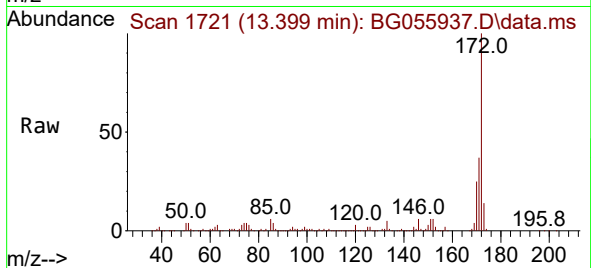
Tgt Ion:172 Resp: 606016

Ion Ratio Lower Upper

172 100

171 36.7 29.8 44.6

170 24.7 20.2 30.4



#46

1,1'-Biphenyl

Concen: 51.206 ng

RT: 13.611 min Scan# 1757

Delta R.T. -0.006 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

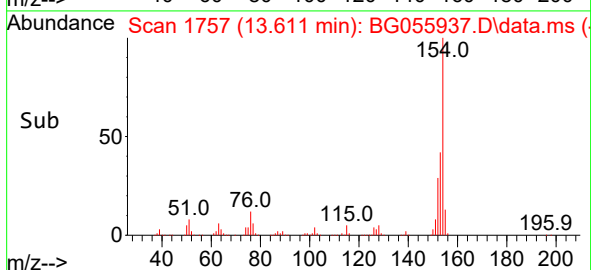
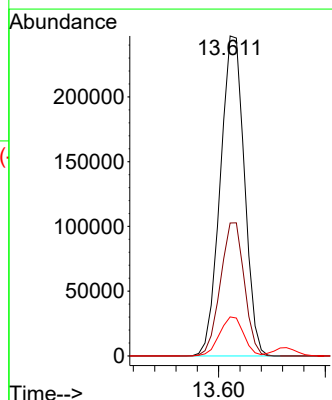
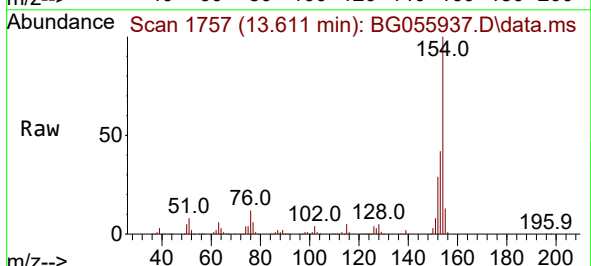
Tgt Ion:154 Resp: 387624

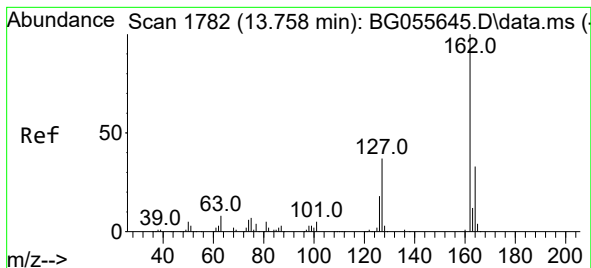
Ion Ratio Lower Upper

154 100

153 41.6 20.6 60.6

76 12.2 0.0 32.4





#47

2-Chloronaphthalene

Concen: 50.240 ng

RT: 13.664 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

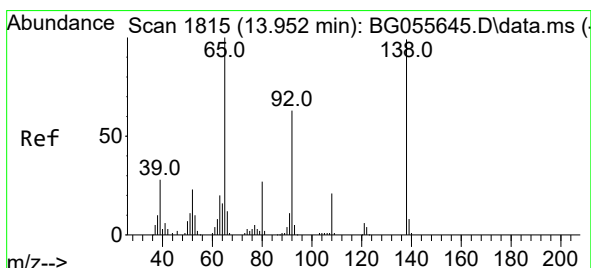
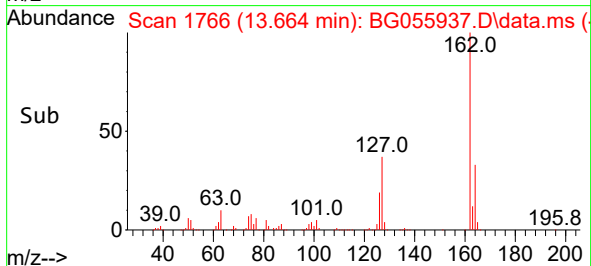
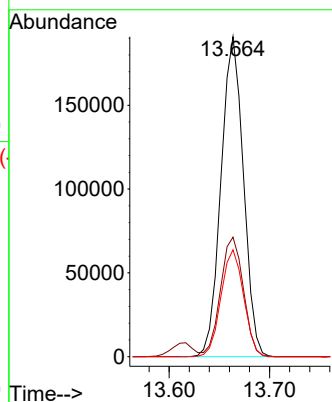
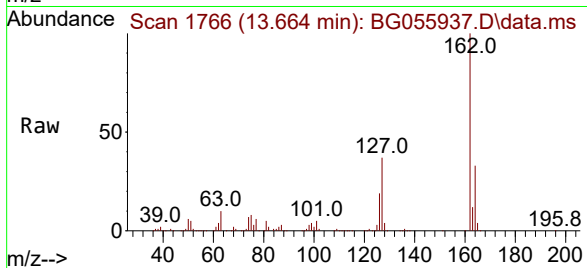
Tgt Ion:162 Resp: 295604

Ion Ratio Lower Upper

162 100

127 37.3 29.9 44.9

164 33.4 26.4 39.6



#48

2-Nitroaniline

Concen: 50.481 ng

RT: 13.869 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

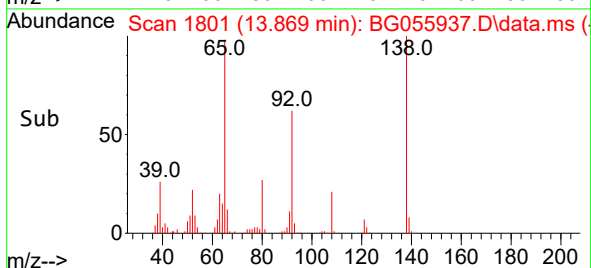
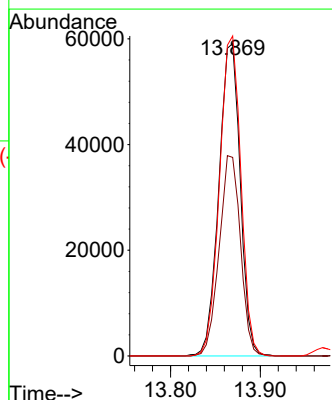
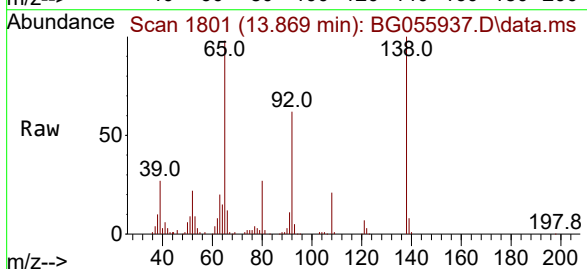
Tgt Ion: 65 Resp: 97652

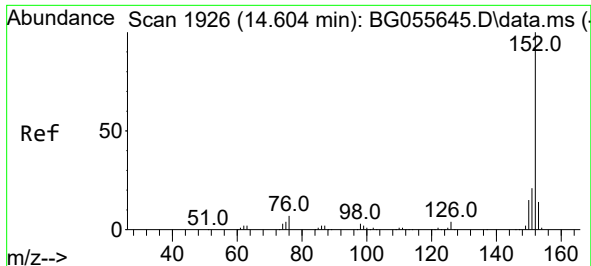
Ion Ratio Lower Upper

65 100

92 63.5 50.1 75.1

138 102.4 79.4 119.0

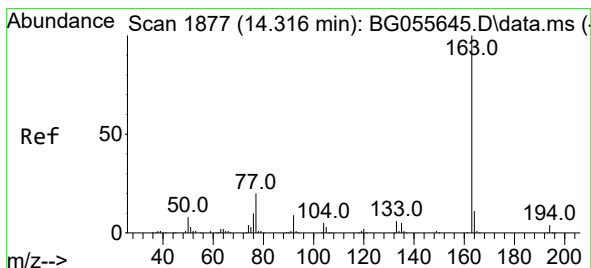
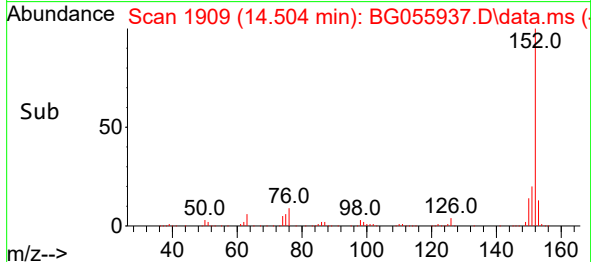
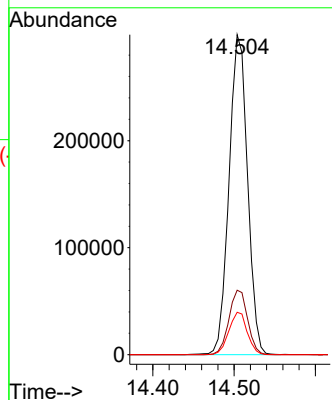
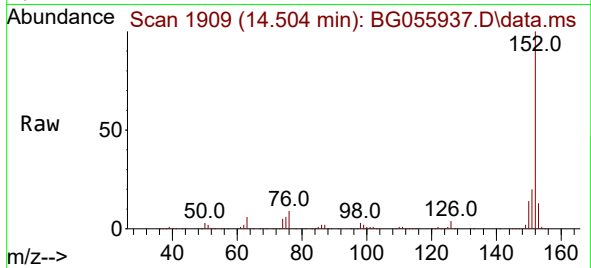




#49
Acenaphthylene
Concen: 48.776 ng
RT: 14.504 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

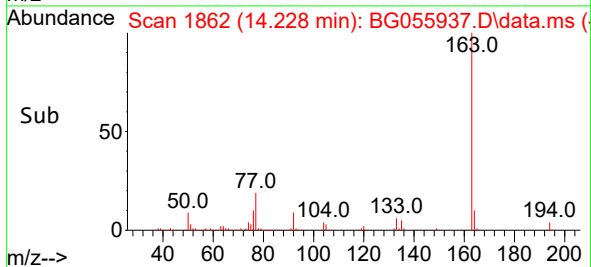
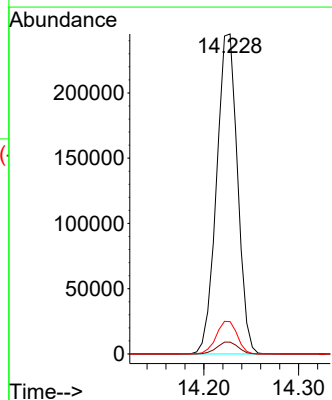
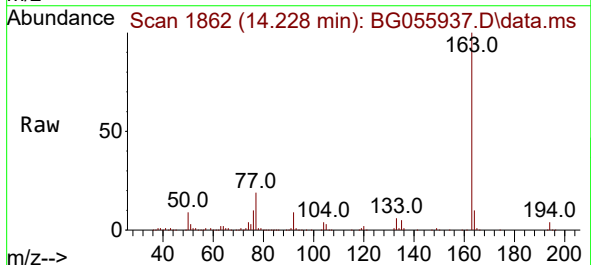
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

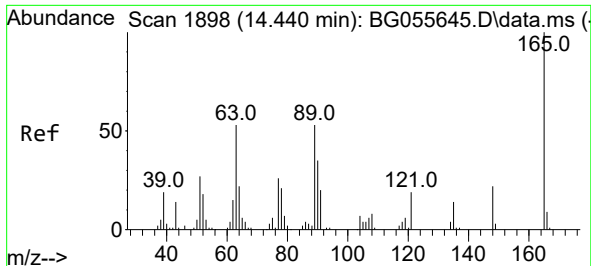
Tgt Ion:152 Resp: 472584
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.3 11.0 16.4



#50
Dimethylphthalate
Concen: 45.479 ng
RT: 14.228 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:163 Resp: 376601
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.6 12.8

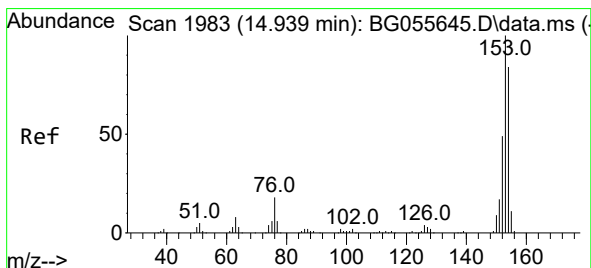
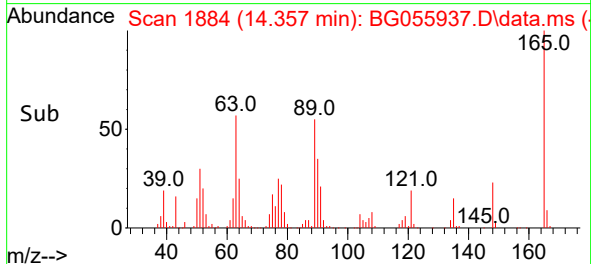
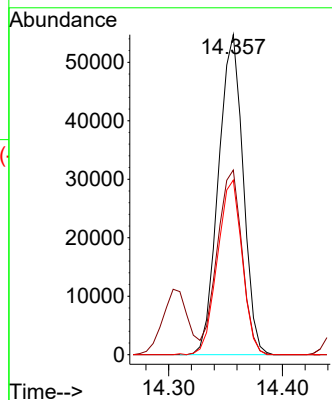
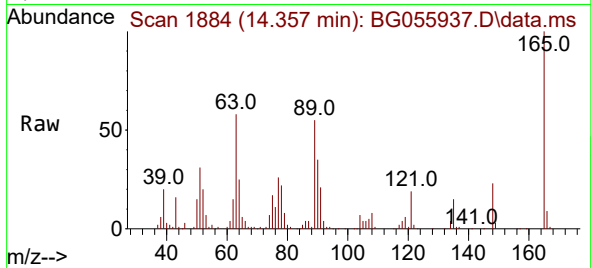




#51
2,6-Dinitrotoluene
Concen: 48.716 ng
RT: 14.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

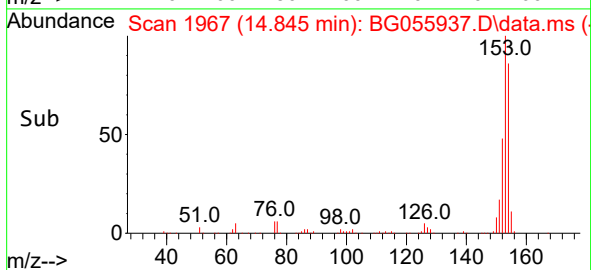
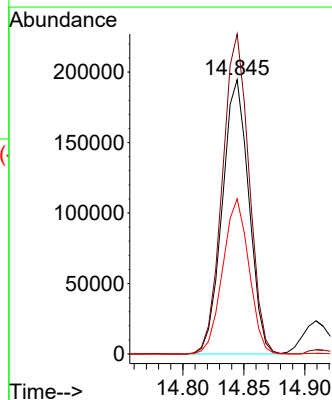
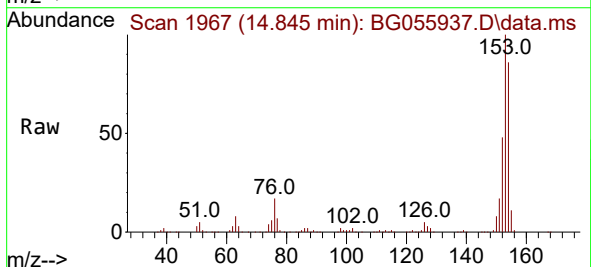
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

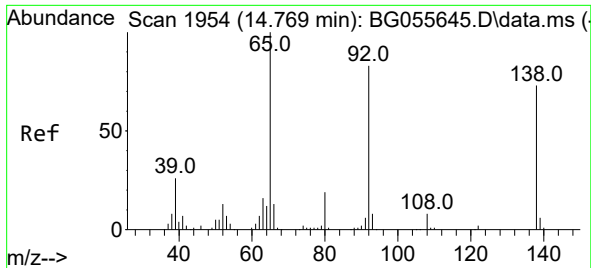
Tgt Ion:165 Resp: 82484
Ion Ratio Lower Upper
165 100
63 57.7 44.6 66.8
89 54.6 42.2 63.4



#52
Acenaphthene
Concen: 46.623 ng
RT: 14.845 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:154 Resp: 295232
Ion Ratio Lower Upper
154 100
153 116.6 95.0 142.4
152 56.5 46.1 69.1

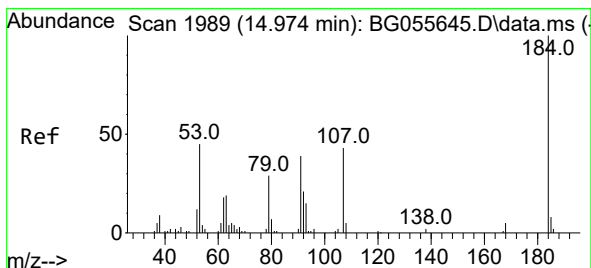
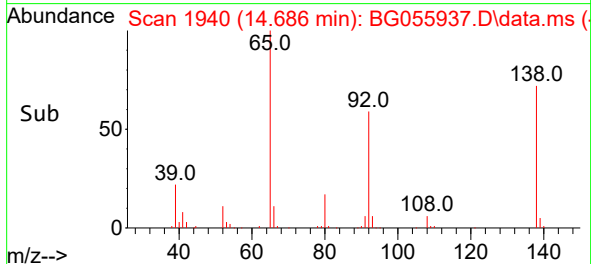
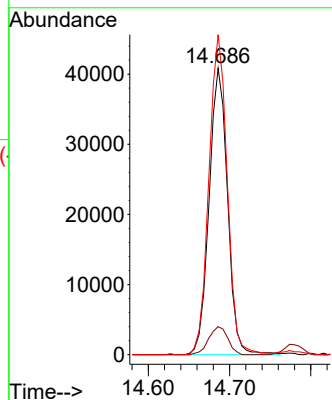
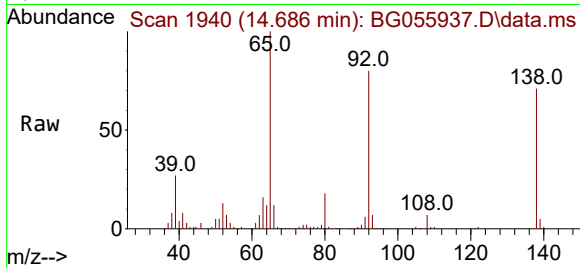




#53
3-Nitroaniline
Concen: 34.553 ng
RT: 14.686 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

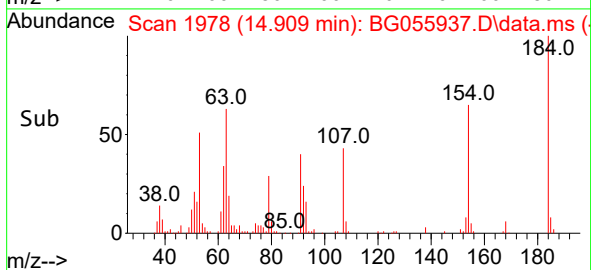
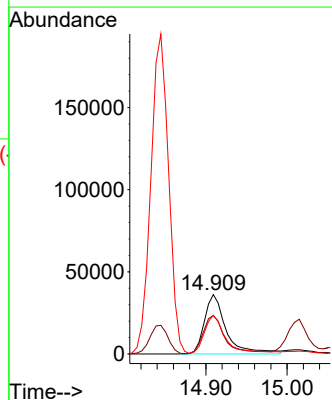
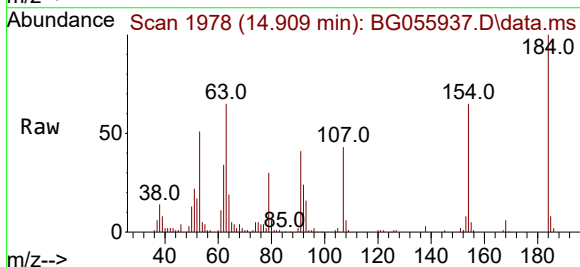
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

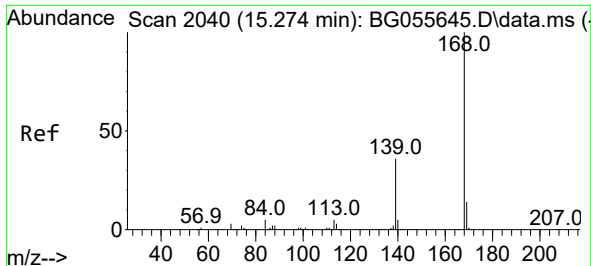
Tgt Ion:138 Resp: 64223
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 111.7 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 69.172 ng
RT: 14.909 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:184 Resp: 67339
Ion Ratio Lower Upper
184 100
63 64.7 49.5 74.3
154 65.1 52.0 78.0

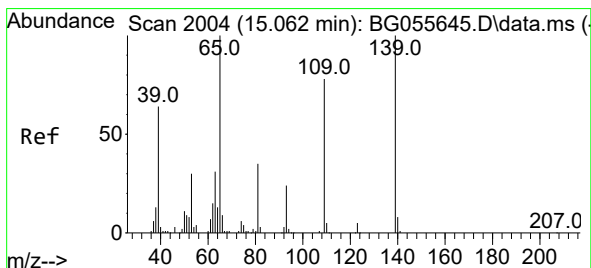
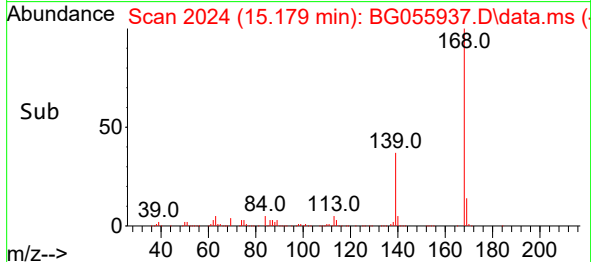
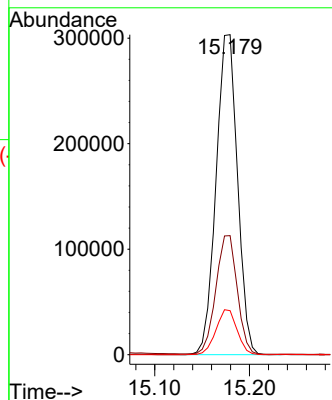
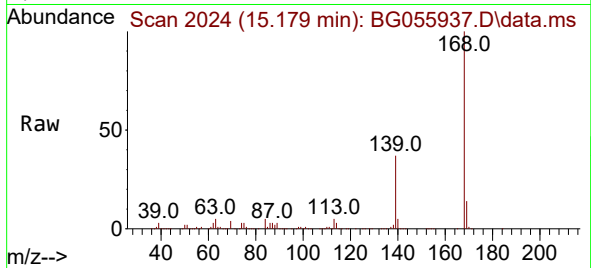




#55
Dibenzofuran
Concen: 48.758 ng
RT: 15.179 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

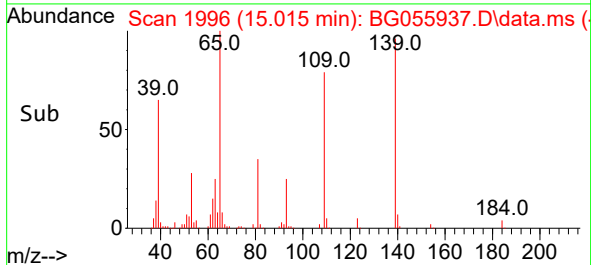
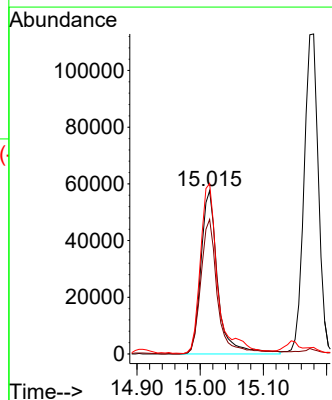
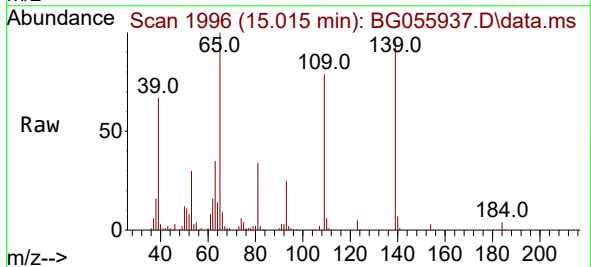
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

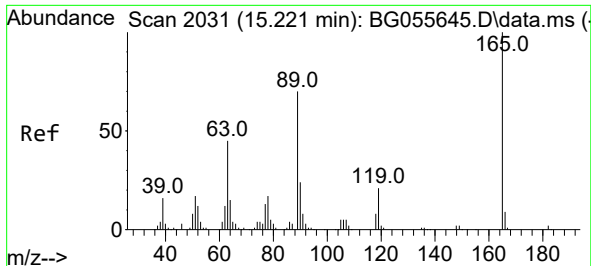
Tgt Ion:168 Resp: 476303
Ion Ratio Lower Upper
168 100
139 37.2 28.8 43.2
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 73.110 ng
RT: 15.015 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:139 Resp: 106652
Ion Ratio Lower Upper
139 100
109 82.5 58.6 98.6
65 104.4 80.5 120.5





#57

2,4-Dinitrotoluene

Concen: 48.694 ng

RT: 15.144 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BG055937.D

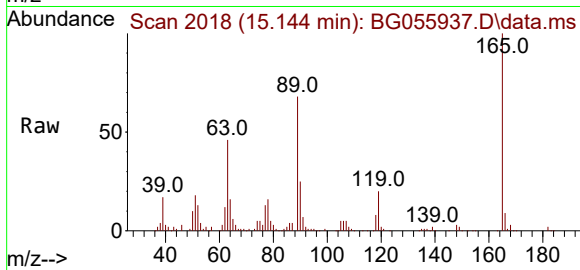
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD



Tgt Ion:165 Resp: 116242

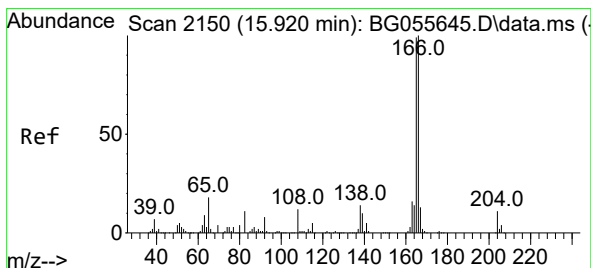
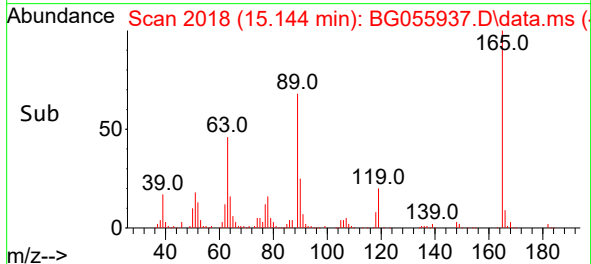
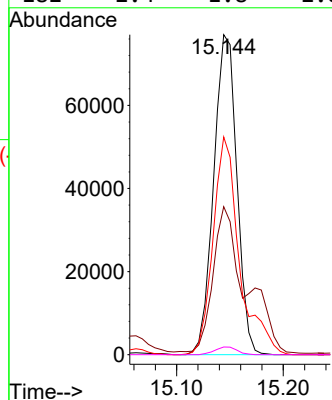
Ion Ratio Lower Upper

165 100

63 46.2 35.8 53.8

89 68.0 56.2 84.4

182 2.4 1.8 2.8



#58

Fluorene

Concen: 50.409 ng

RT: 15.826 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

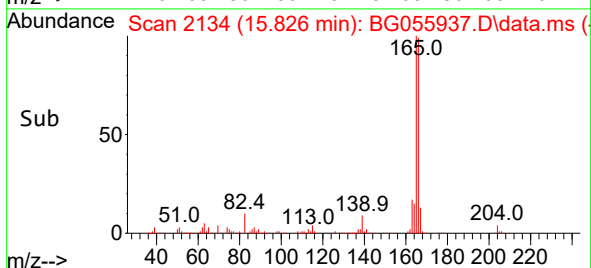
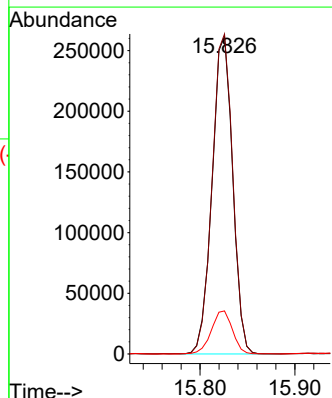
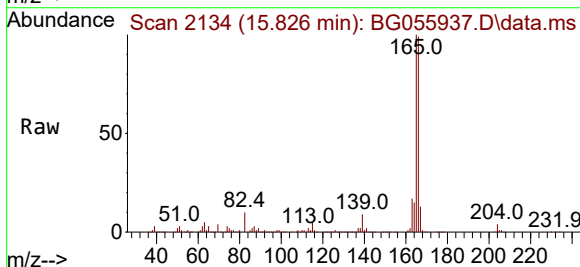
Tgt Ion:166 Resp: 393304

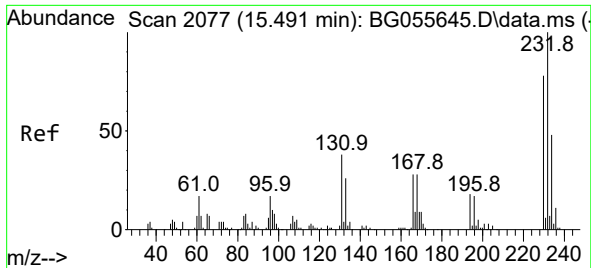
Ion Ratio Lower Upper

166 100

165 100.6 79.3 118.9

167 13.5 10.6 15.8

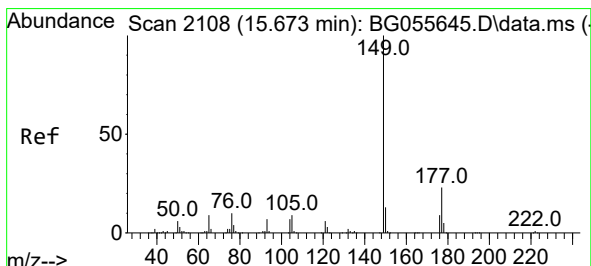
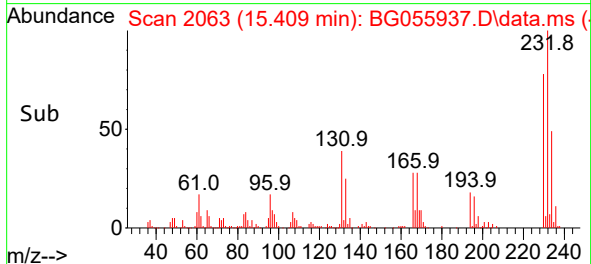
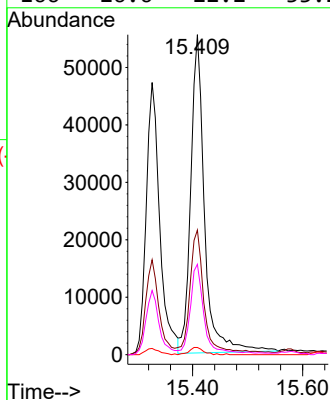
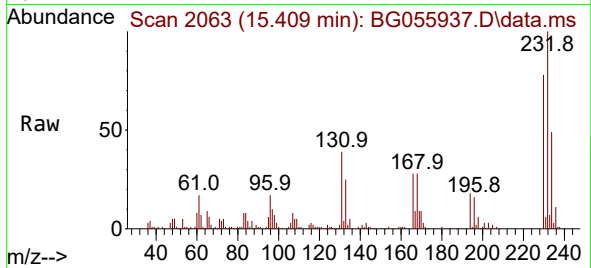




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.588 ng
RT: 15.409 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

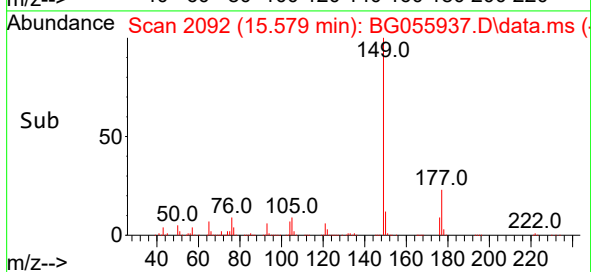
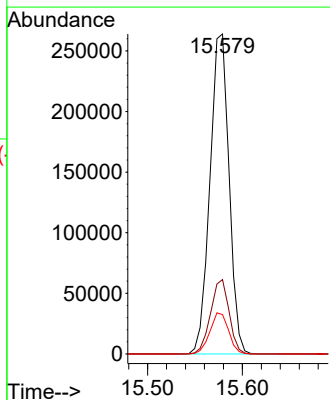
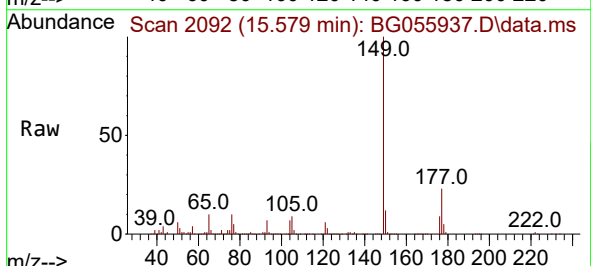
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

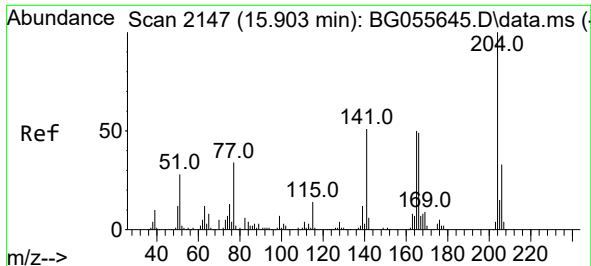
Tgt Ion:232 Resp: 96239
Ion Ratio Lower Upper
232 100
131 41.3 29.8 44.8
130 2.3 1.7 2.5
166 26.6 22.2 33.2



#60
Diethylphthalate
Concen: 44.043 ng
RT: 15.579 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:149 Resp: 368731
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 12.3 10.0 15.0

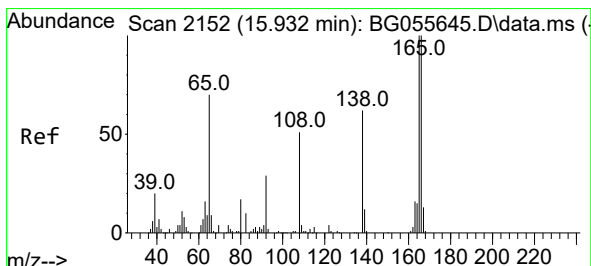
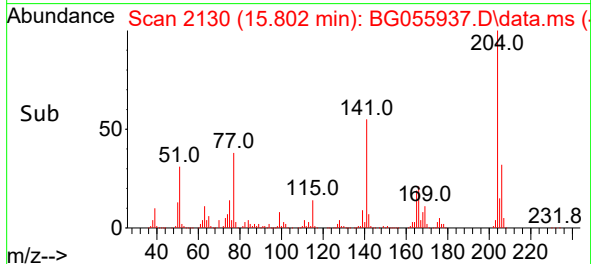
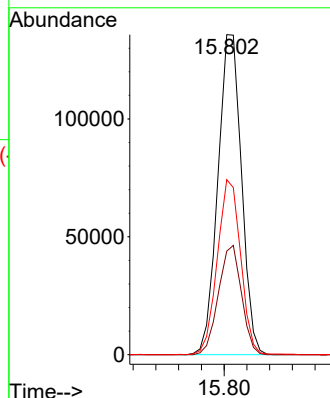
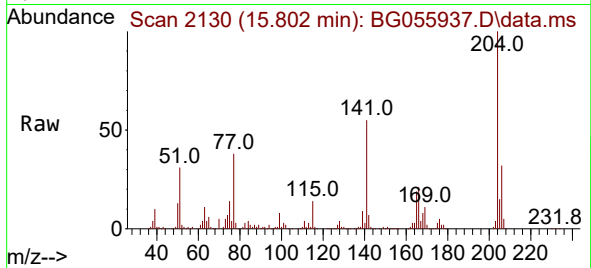




#61
4-Chlorophenyl-phenylether
Concen: 45.760 ng
RT: 15.802 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

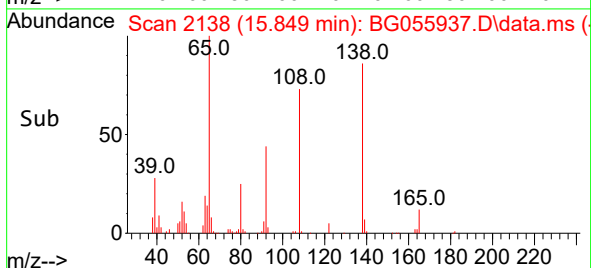
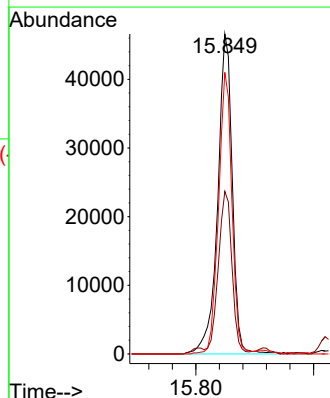
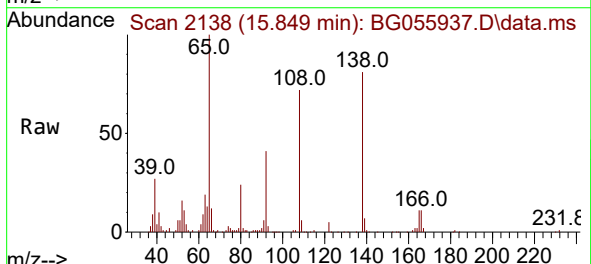
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

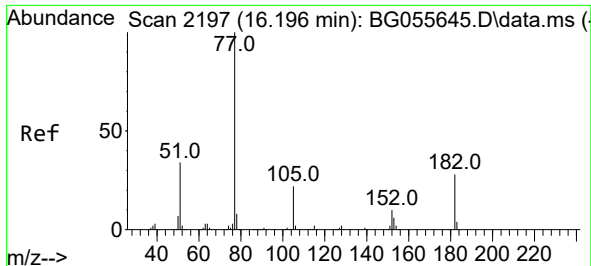
Tgt Ion:204 Resp: 196259
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 54.7 40.6 61.0



#62
4-Nitroaniline
Concen: 41.344 ng
RT: 15.849 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:138 Resp: 80330
Ion Ratio Lower Upper
138 100
92 50.8 27.3 67.3
108 88.0 62.8 102.8

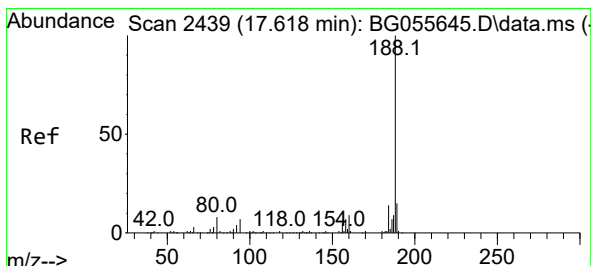
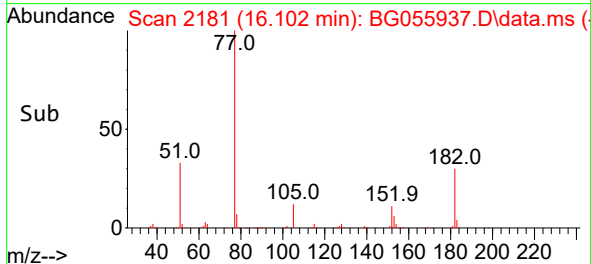
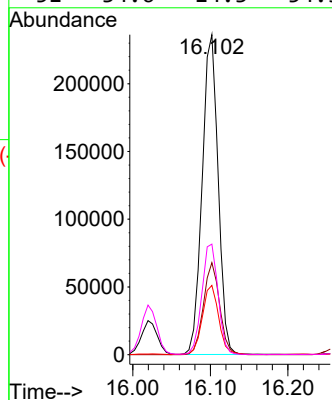
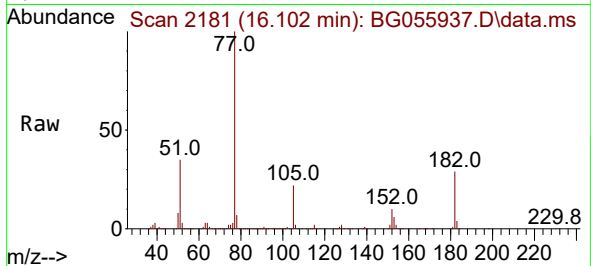




#63
Azobenzene
Concen: 46.051 ng
RT: 16.102 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

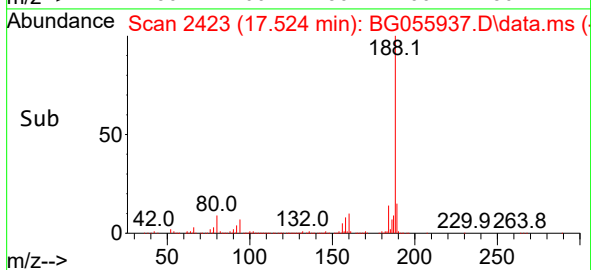
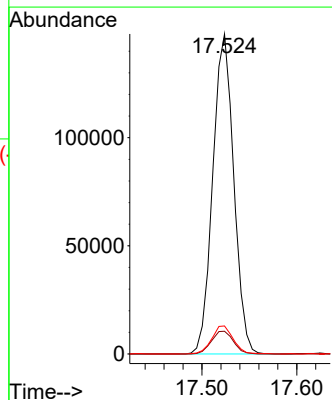
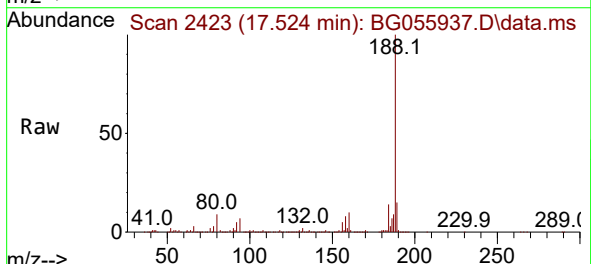
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

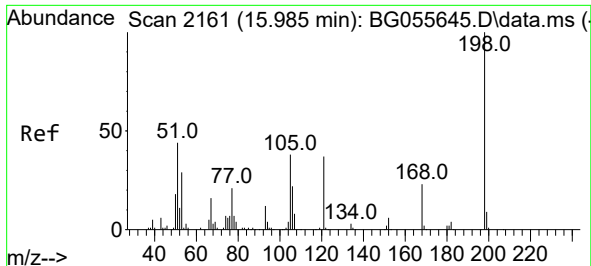
Tgt Ion:	77	Resp:	336595
Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.1	48.1
105	21.7	1.8	41.8
51	34.6	14.3	54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:	188	Resp:	227445
Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.4	8.2
80	8.8	6.6	10.0

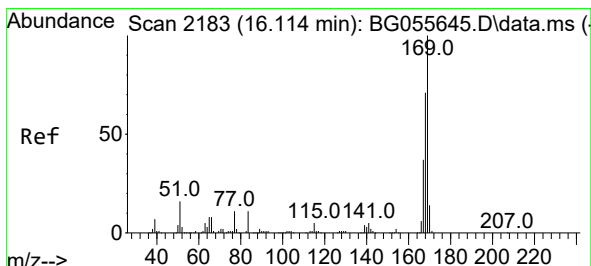
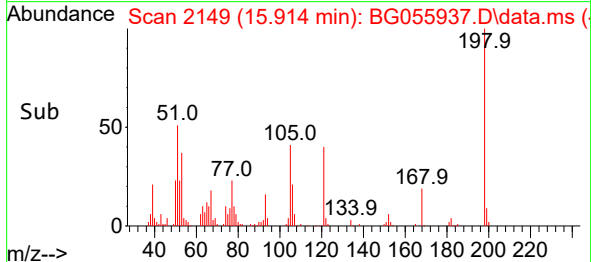
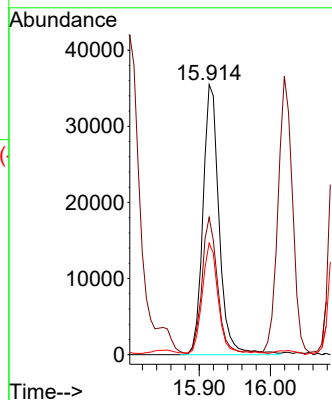
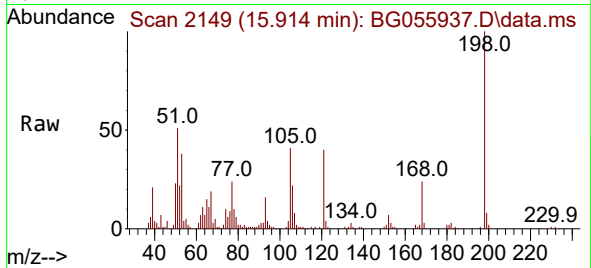




#65
4,6-Dinitro-2-methylphenol
Concen: 44.140 ng
RT: 15.914 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

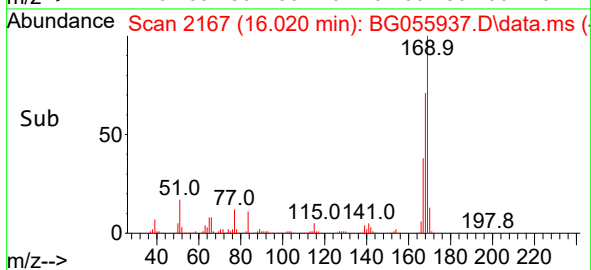
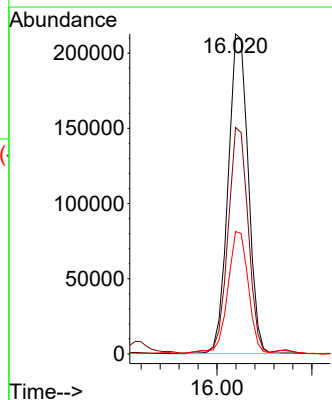
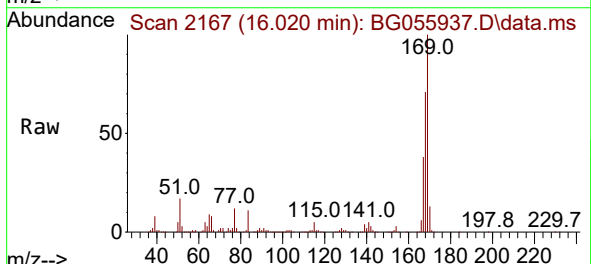
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

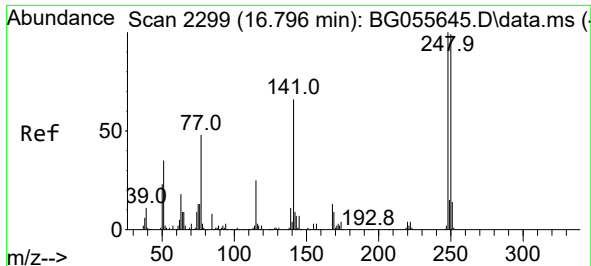
Tgt Ion:198 Resp: 56059
Ion Ratio Lower Upper
198 100
51 50.8 27.7 67.7
105 41.4 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 50.096 ng
RT: 16.020 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:169 Resp: 314009
Ion Ratio Lower Upper
169 100
168 70.7 56.6 85.0
167 38.2 29.9 44.9

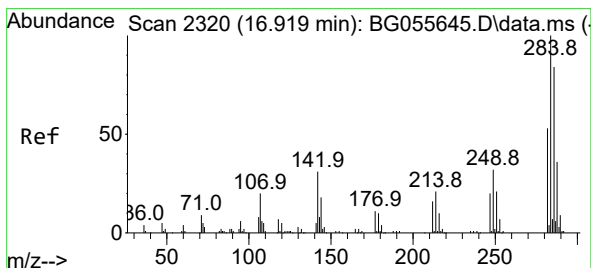
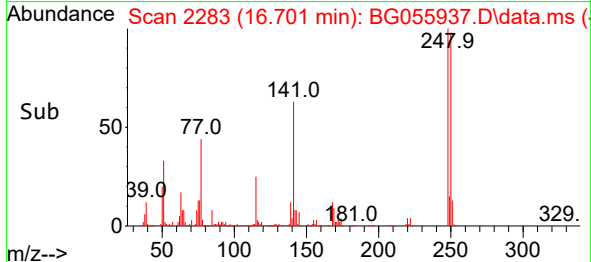
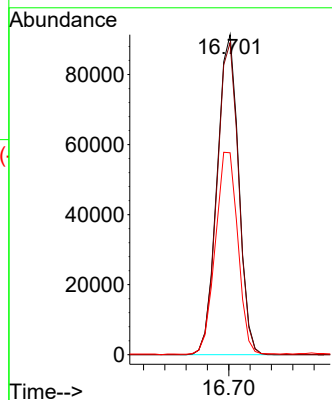
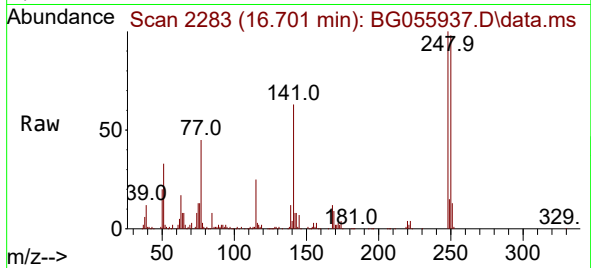




#67
4-Bromophenyl-phenylether
Concen: 49.452 ng
RT: 16.701 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

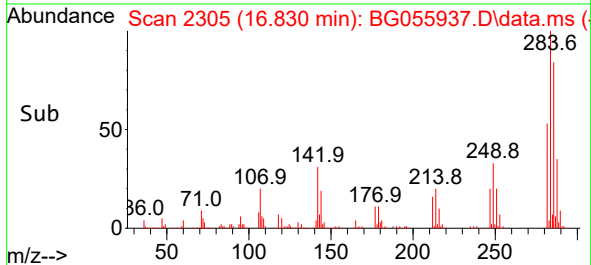
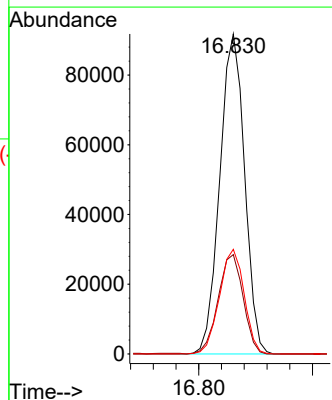
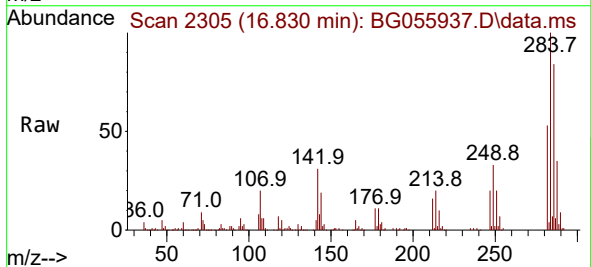
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

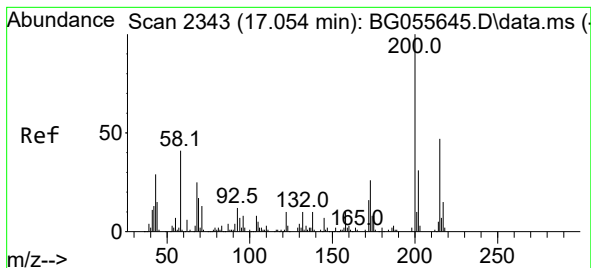
Tgt Ion:248 Resp: 128153
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.4
141 63.1 52.9 79.3



#68
Hexachlorobenzene
Concen: 48.355 ng
RT: 16.830 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:284 Resp: 138950
Ion Ratio Lower Upper
284 100
142 31.1 24.8 37.2
249 32.7 25.7 38.5





#69

Atrazine

Concen: 51.585 ng

RT: 16.966 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

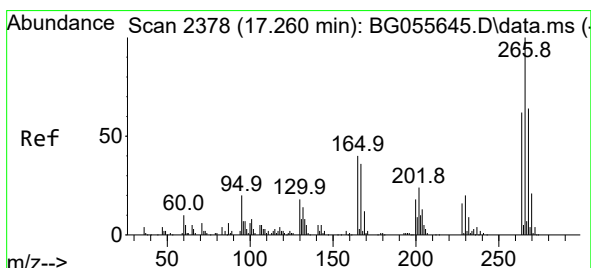
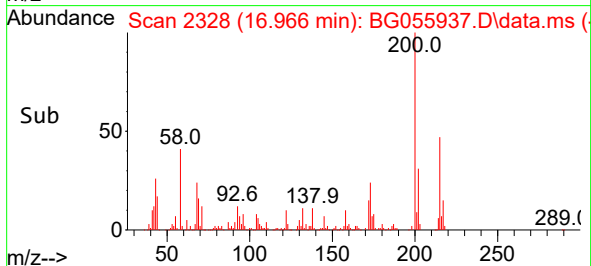
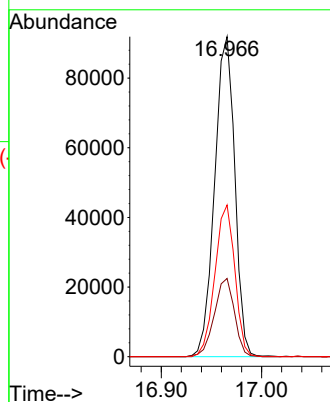
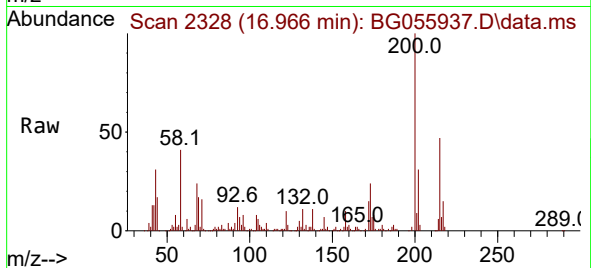
Tgt Ion:200 Resp: 127880

Ion Ratio Lower Upper

200 100

173 24.5 5.6 45.6

215 47.4 27.2 67.2



#70

Pentachlorophenol

Concen: 60.924 ng

RT: 17.183 min Scan# 2365

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

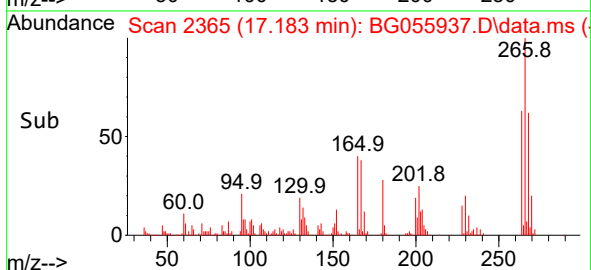
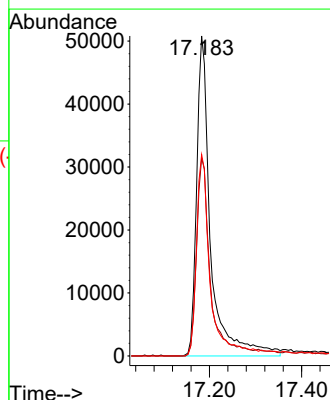
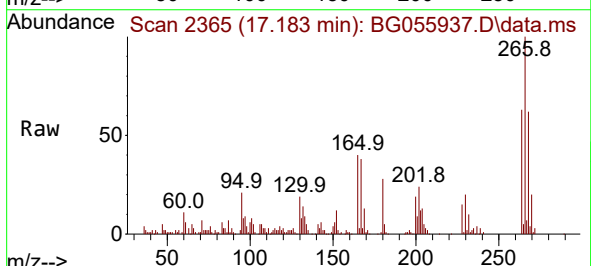
Tgt Ion:266 Resp: 107094

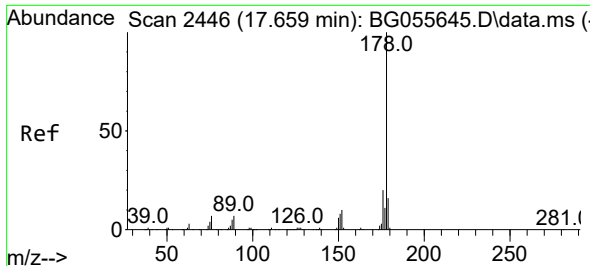
Ion Ratio Lower Upper

266 100

268 61.9 51.2 76.8

264 63.0 49.5 74.3

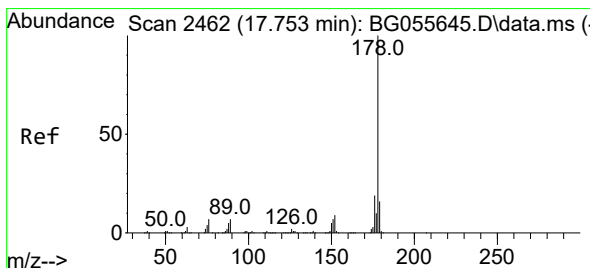
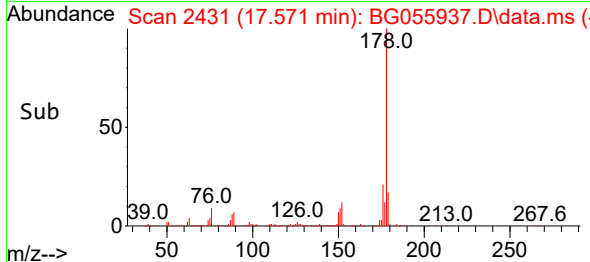
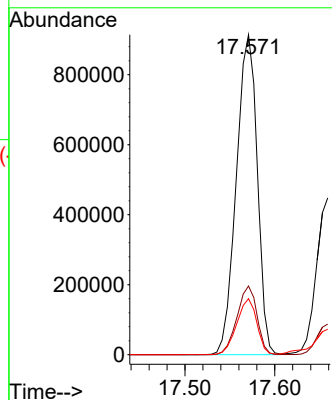
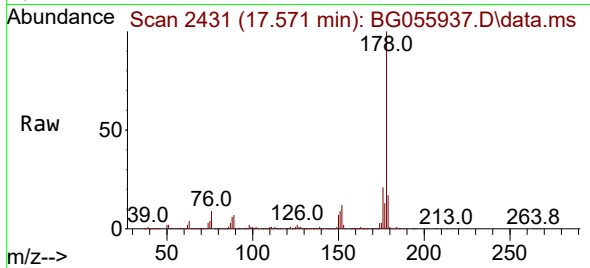




#71
Phenanthrene
Concen: 120.553 ng
RT: 17.571 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

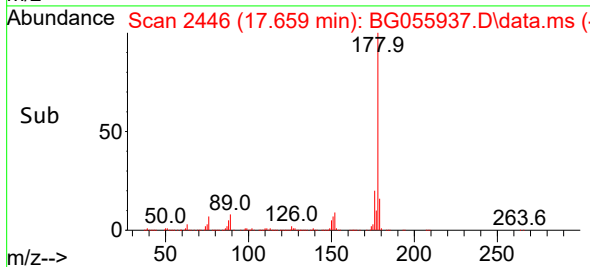
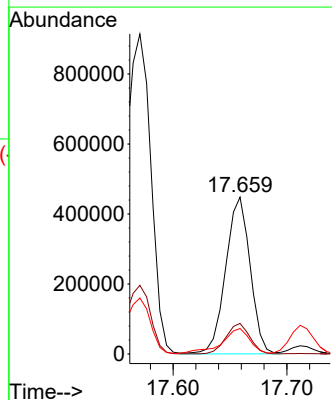
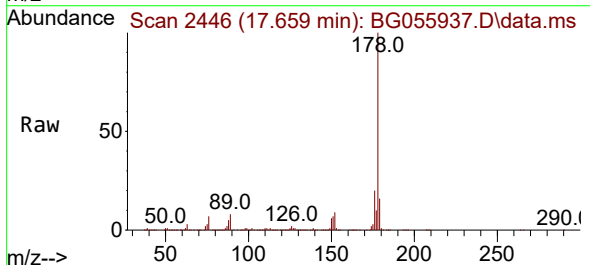
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

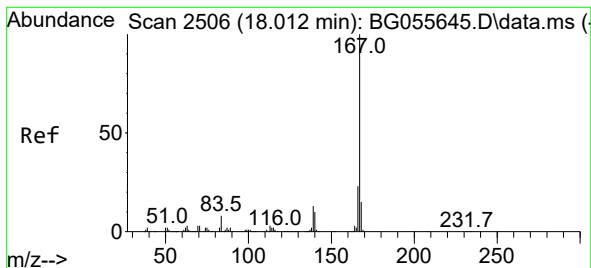
Tgt Ion:178 Resp: 1479662
Ion Ratio Lower Upper
178 100
176 21.5 16.0 24.0
179 17.5 12.7 19.1



#72
Anthracene
Concen: 56.263 ng
RT: 17.659 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:178 Resp: 670967
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.2 12.5 18.7





#73

Carbazole

Concen: 71.743 ng

RT: 17.929 min Scan# 24

Delta R.T. 0.006 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

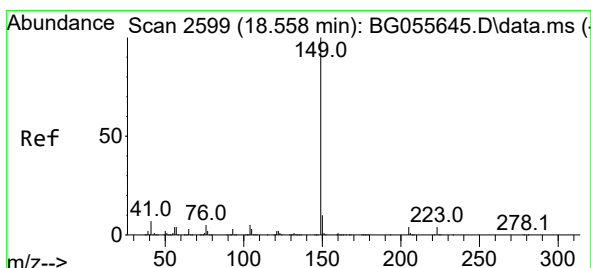
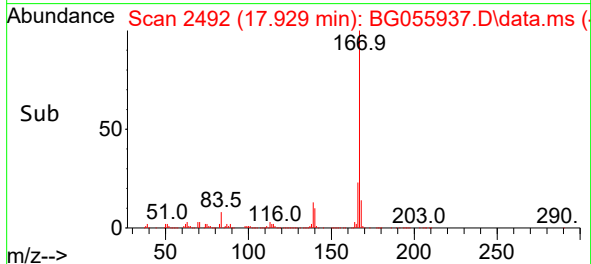
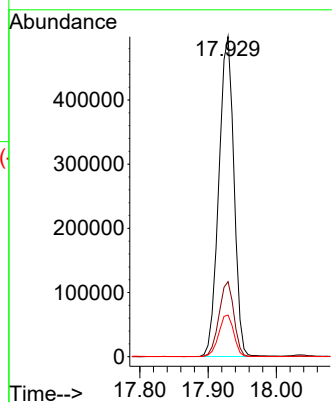
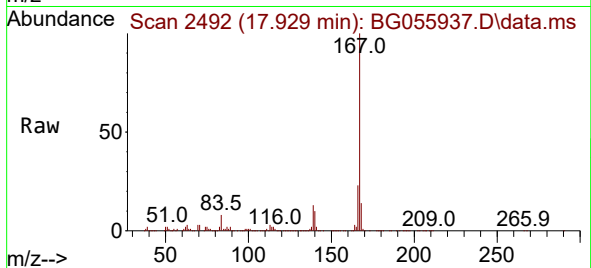
Tgt Ion:167 Resp: 769154

Ion Ratio Lower Upper

167 100

166 23.4 18.2 27.2

139 13.0 10.2 15.4



#74

Di-n-butylphthalate

Concen: 45.860 ng

RT: 18.458 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

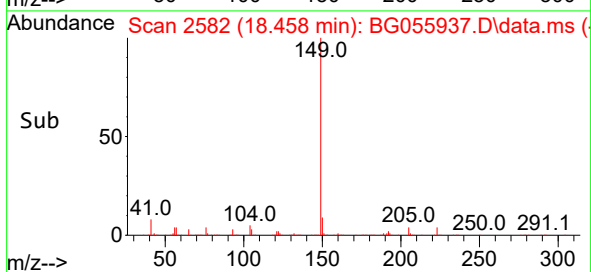
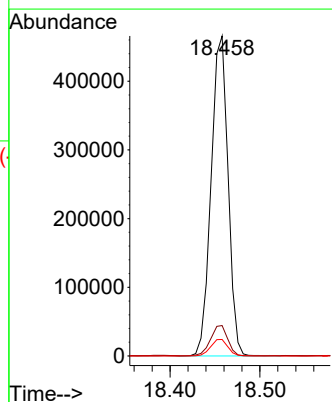
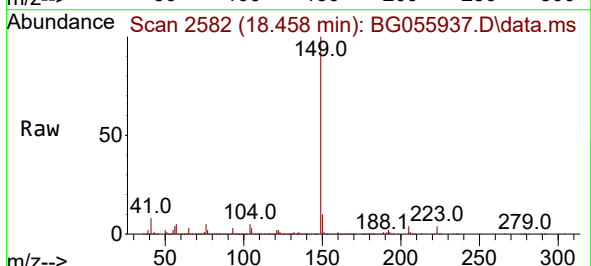
Tgt Ion:149 Resp: 610493

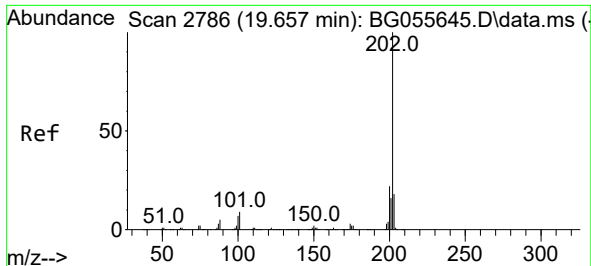
Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 5.2 4.0 6.0

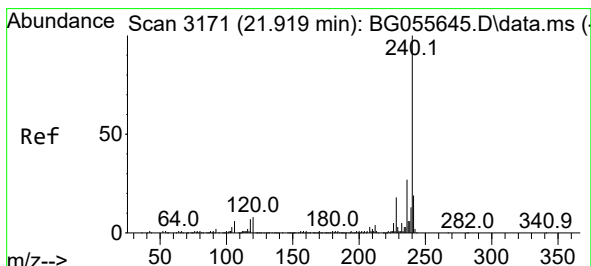
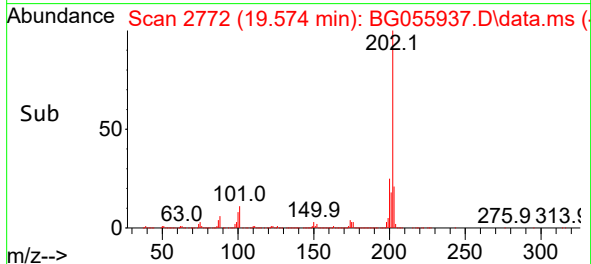
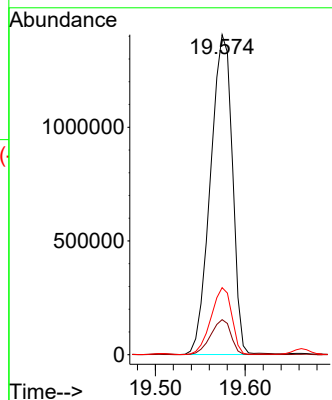
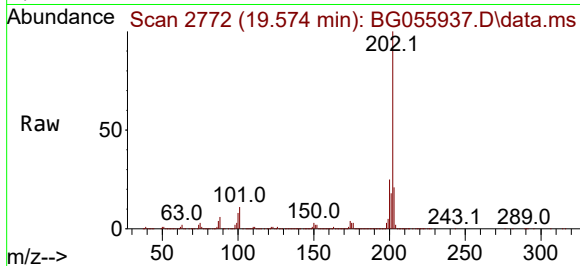




#75
Fluoranthene
Concen: 159.686 ng
RT: 19.574 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

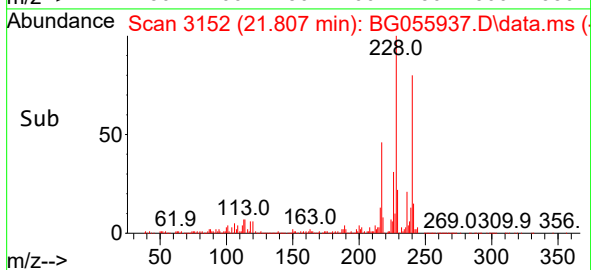
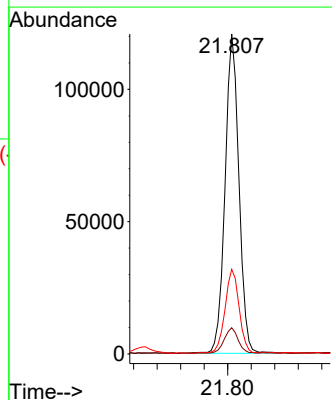
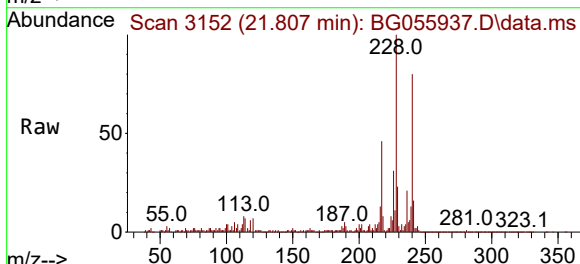
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

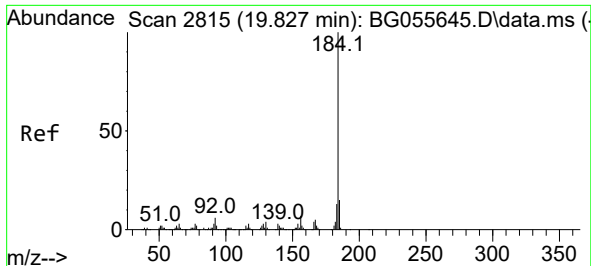
Tgt Ion:202 Resp: 2384447
Ion Ratio Lower Upper
202 100
101 11.0 0.0 28.8
203 21.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.807 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:240 Resp: 197287
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 26.5 21.9 32.9

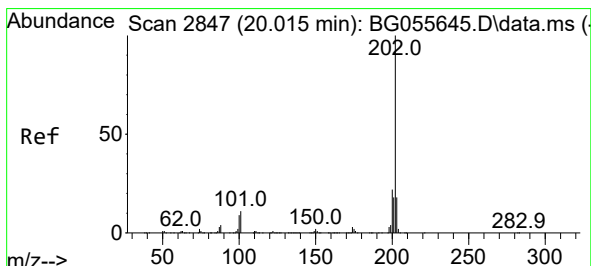
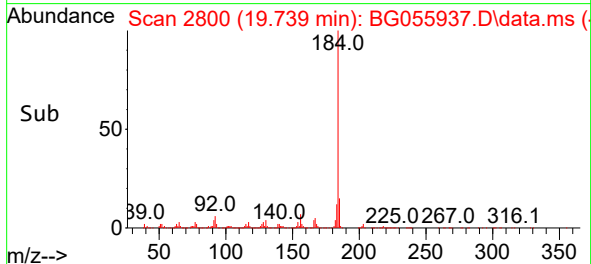
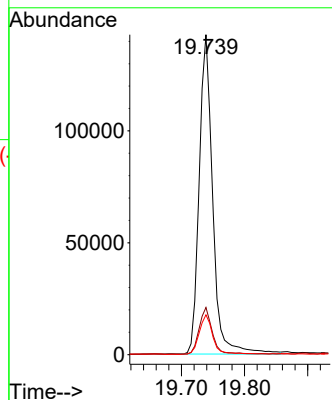
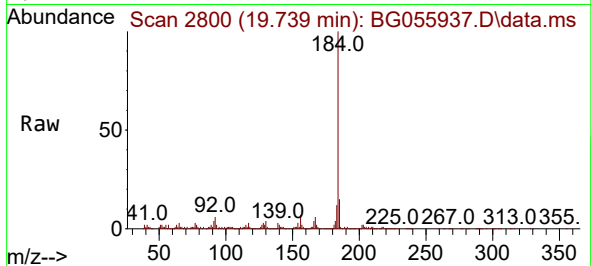




#77
Benzidine
Concen: 46.487 ng
RT: 19.739 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

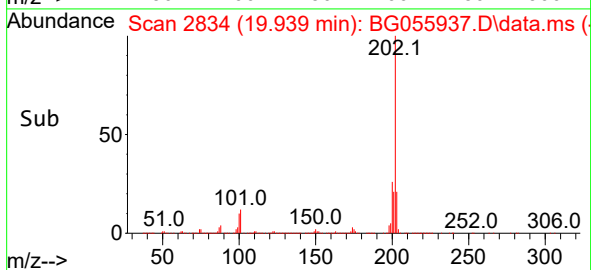
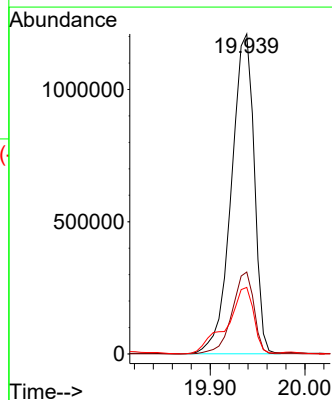
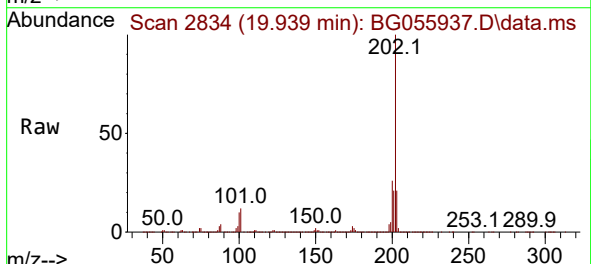
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

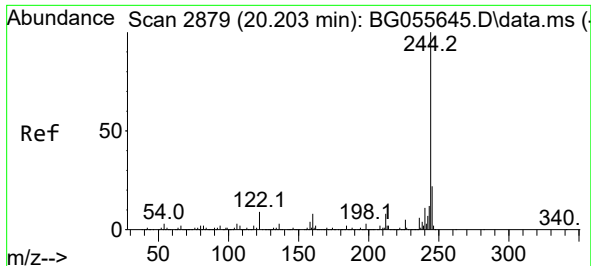
Tgt Ion:184 Resp: 212171
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.8
183 12.4 10.6 15.8



#78
Pyrene
Concen: 151.096 ng
RT: 19.939 min Scan# 2834
Delta R.T. 0.012 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:202 Resp: 2017731
Ion Ratio Lower Upper
202 100
200 25.6 17.8 26.6
203 20.8 14.4 21.6

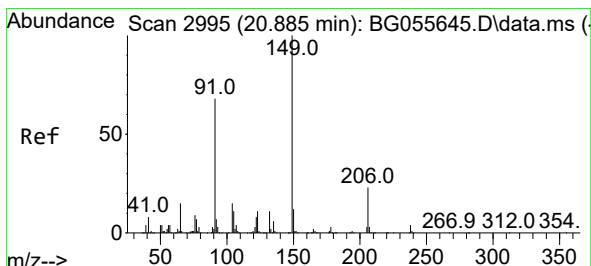
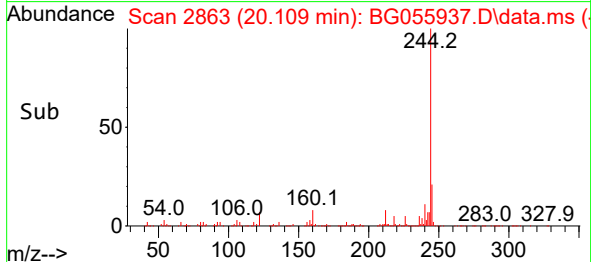
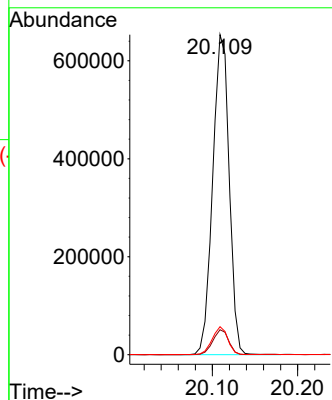
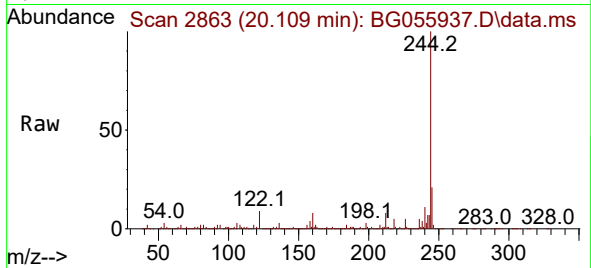




#79
 Terphenyl-d14
 Concen: 89.025 ng
 RT: 20.109 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055937.D
 Acq: 8 Dec 2022 21:30

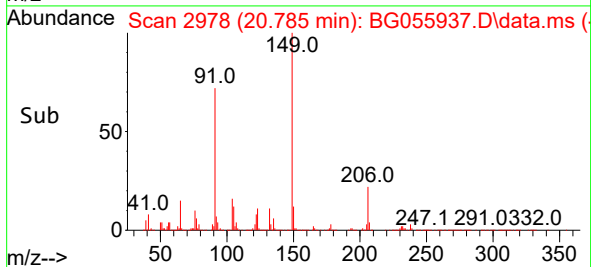
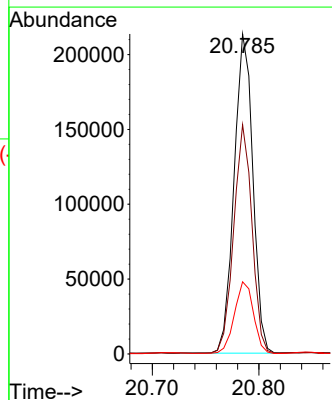
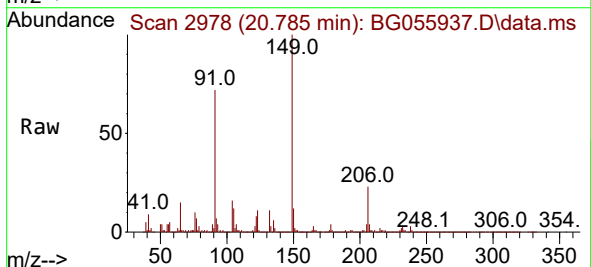
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MSD

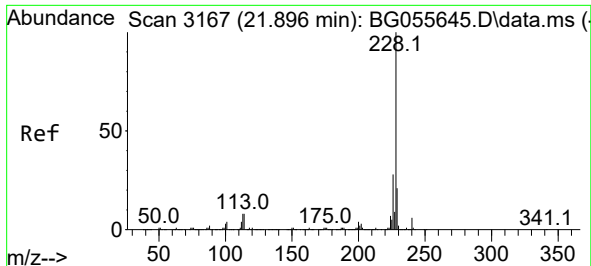
Tgt Ion:244 Resp: 878120
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.8 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 49.942 ng
 RT: 20.785 min Scan# 2978
 Delta R.T. 0.000 min
 Lab File: BG055937.D
 Acq: 8 Dec 2022 21:30

Tgt Ion:149 Resp: 261088
 Ion Ratio Lower Upper
 149 100
 91 71.6 54.6 81.8
 206 22.5 18.3 27.5

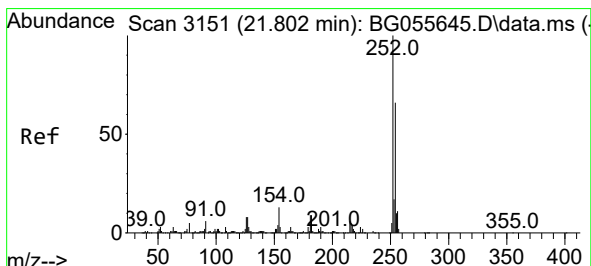
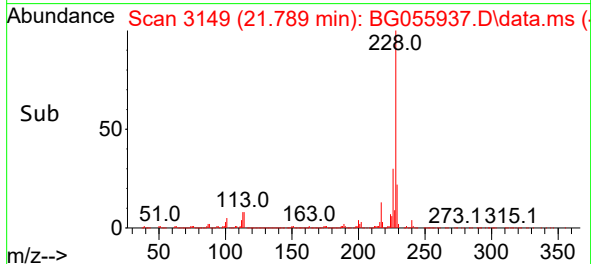
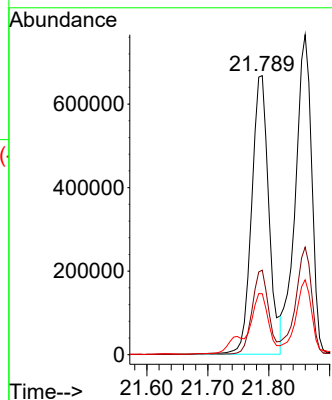
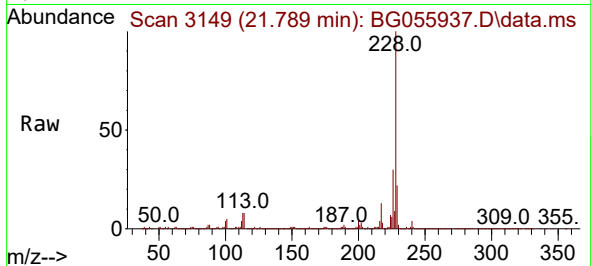




#81
Benzo(a)anthracene
Concen: 96.538 ng
RT: 21.789 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

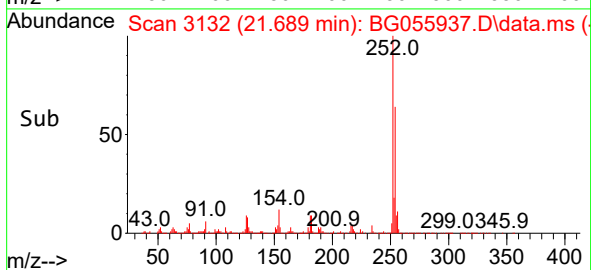
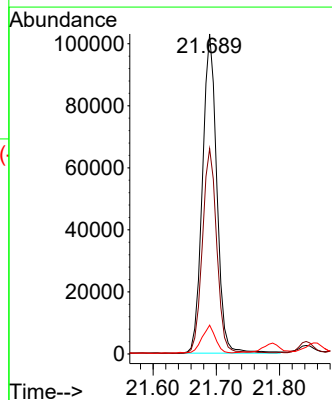
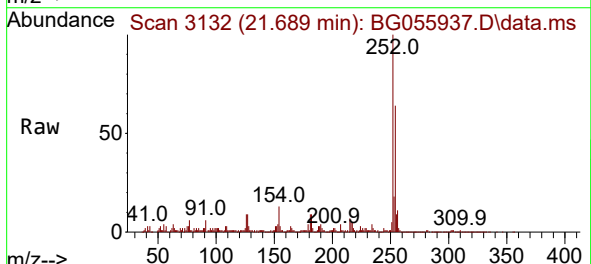
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

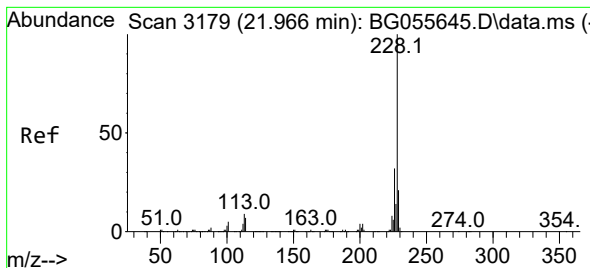
Tgt Ion:228 Resp: 1311794
Ion Ratio Lower Upper
228 100
226 30.3 22.7 34.1
229 21.8 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 33.972 ng
RT: 21.689 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:252 Resp: 162207
Ion Ratio Lower Upper
252 100
254 64.2 53.0 79.6
126 9.0 6.7 10.1





#83

Chrysene

Concen: 110.015 ng

RT: 21.860 min Scan# 31

Delta R.T. 0.012 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

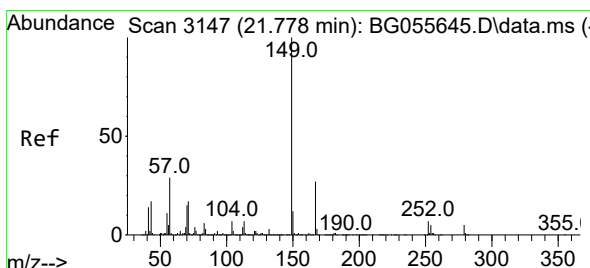
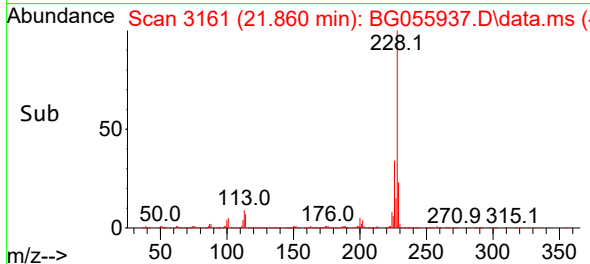
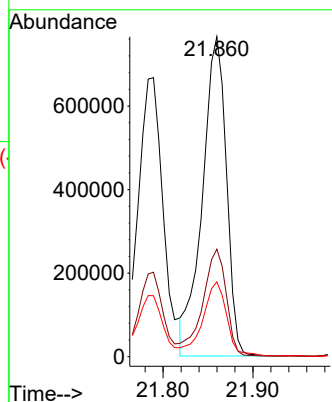
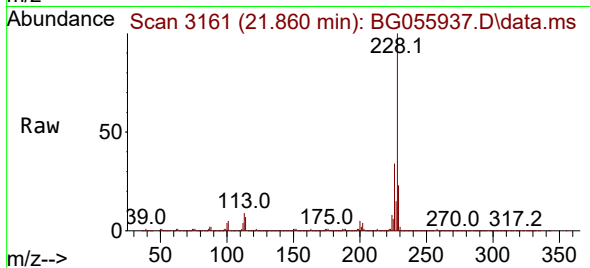
Tgt Ion:228 Resp: 1423153

Ion Ratio Lower Upper

228 100

226 33.6 25.4 38.2

229 23.4 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.031 ng

RT: 21.648 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

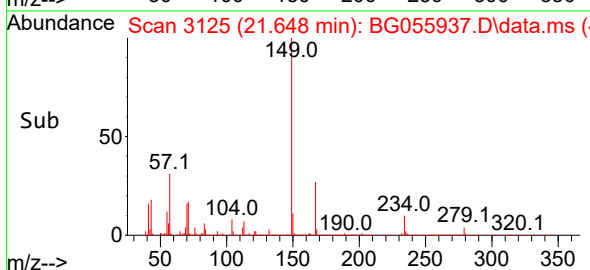
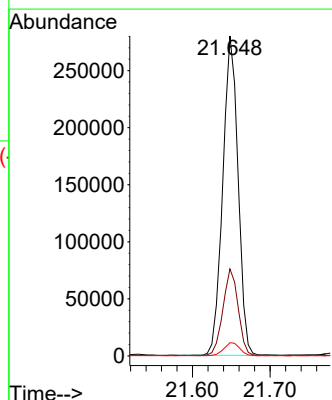
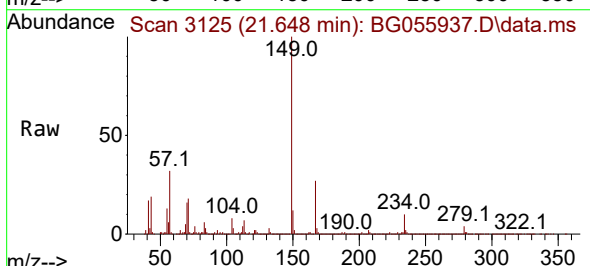
Tgt Ion:149 Resp: 383404

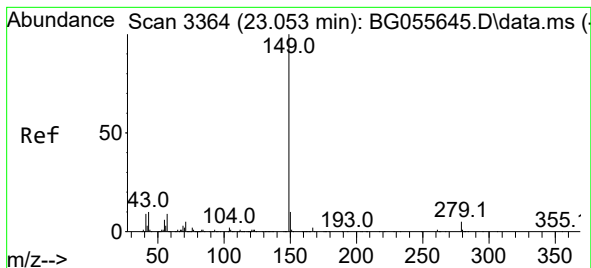
Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

279 4.2 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 51.035 ng

RT: 22.888 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

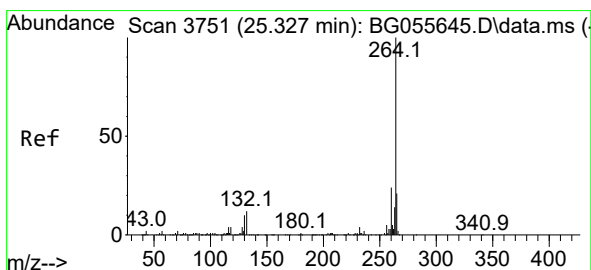
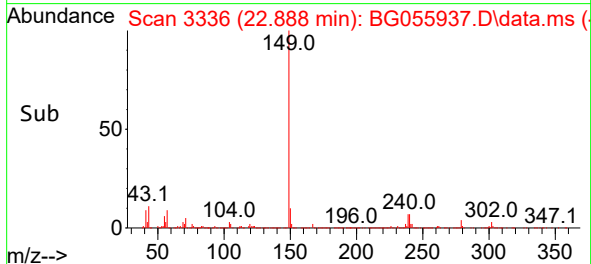
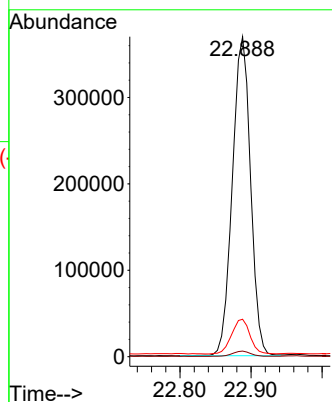
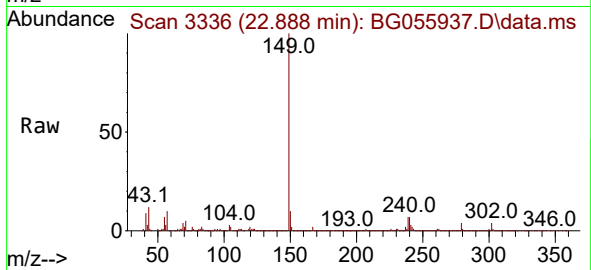
Tgt Ion:149 Resp: 656172

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.0 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.144 min Scan# 3720

Delta R.T. 0.012 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

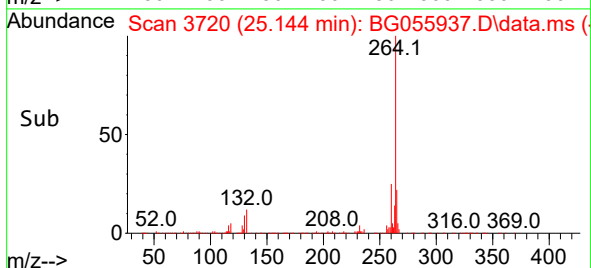
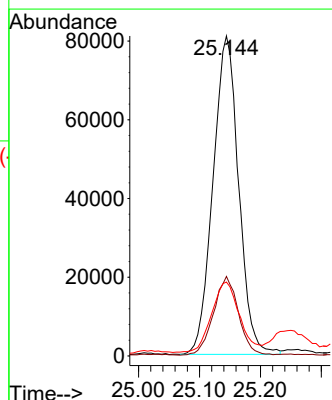
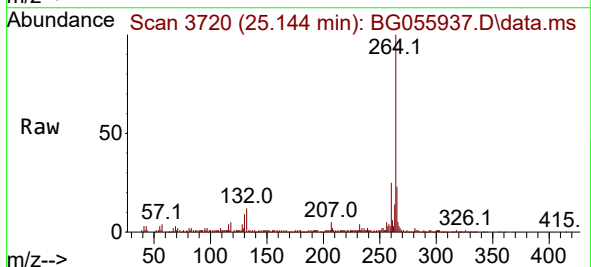
Tgt Ion:264 Resp: 236406

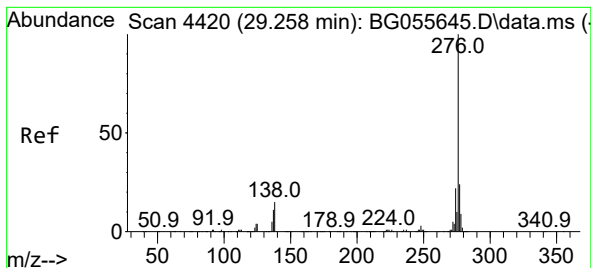
Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 23.1 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.979 ng

RT: 29.016 min Scan# 41

Delta R.T. 0.035 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

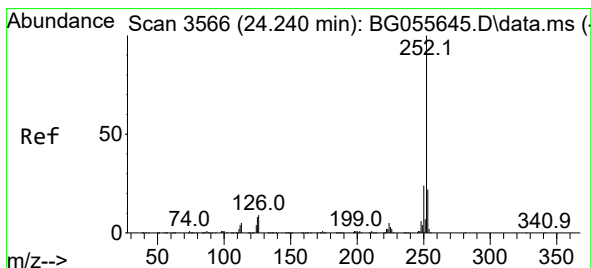
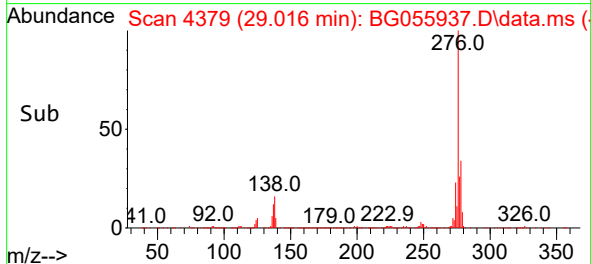
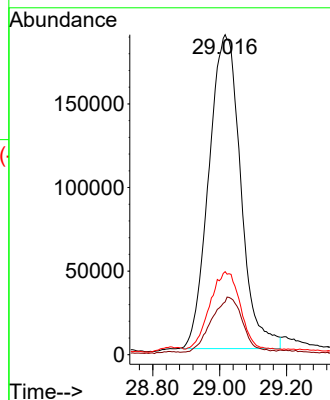
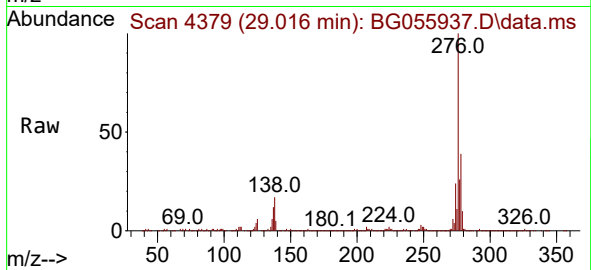
Tgt Ion:276 Resp: 1239078

Ion Ratio Lower Upper

276 100

138 17.2 10.4 15.6#

277 24.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 116.750 ng

RT: 24.093 min Scan# 3541

Delta R.T. 0.024 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

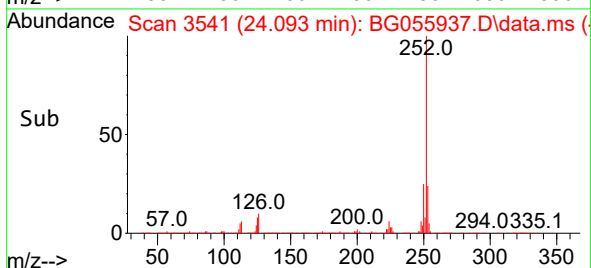
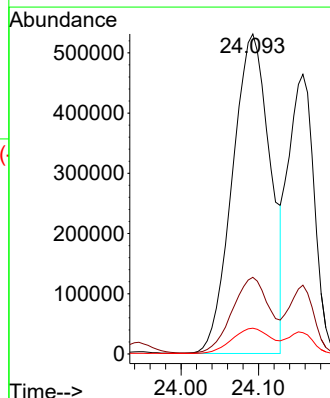
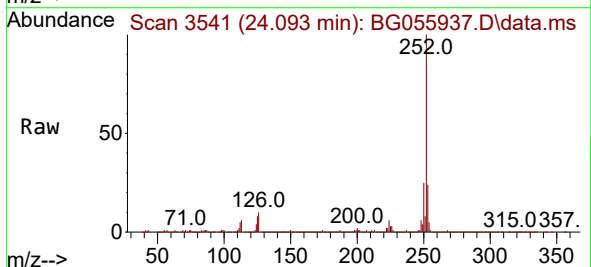
Tgt Ion:252 Resp: 1797486

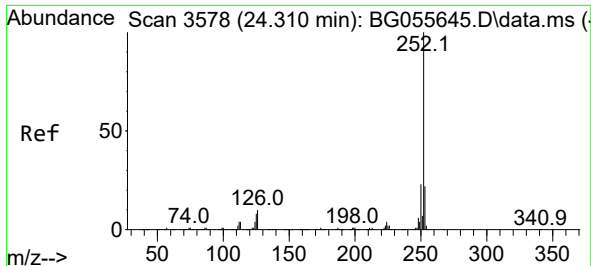
Ion Ratio Lower Upper

252 100

253 24.0 18.0 27.0

125 8.0 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 70.164 ng

RT: 24.157 min Scan# 3

Delta R.T. 0.018 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

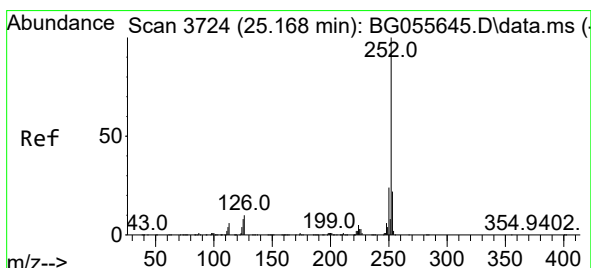
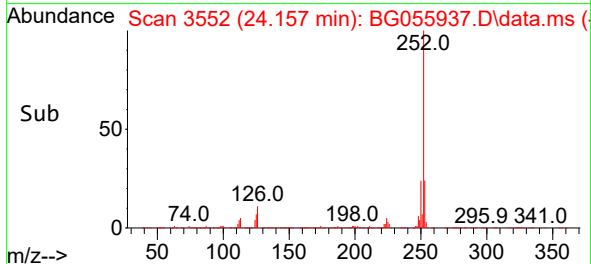
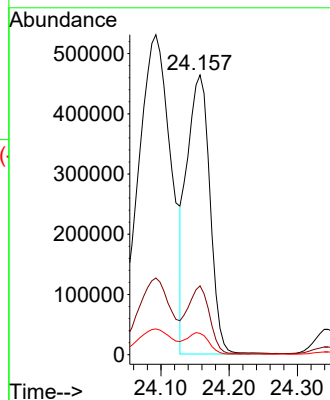
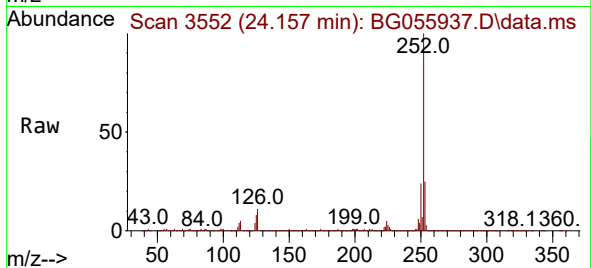
Tgt Ion:252 Resp: 1076793

Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.6

125 7.6 6.1 9.1



#90

Benzo(a)pyrene

Concen: 99.472 ng

RT: 24.997 min Scan# 3695

Delta R.T. 0.018 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

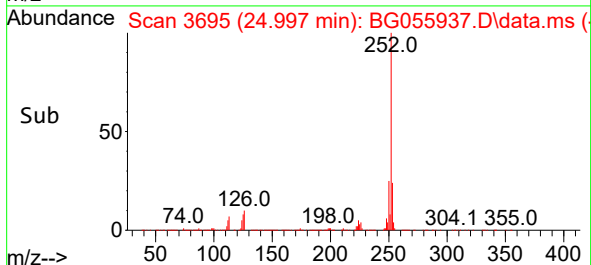
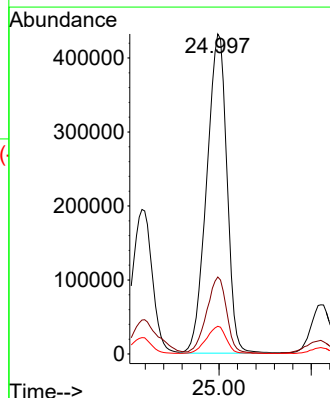
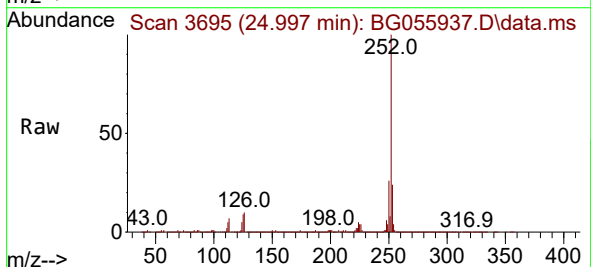
Tgt Ion:252 Resp: 1314201

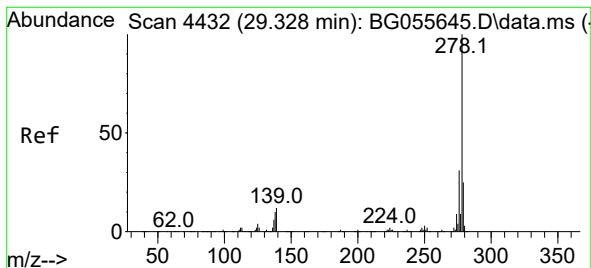
Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.6

125 8.6 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 46.176 ng

RT: 29.057 min Scan# 41

Delta R.T. 0.029 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

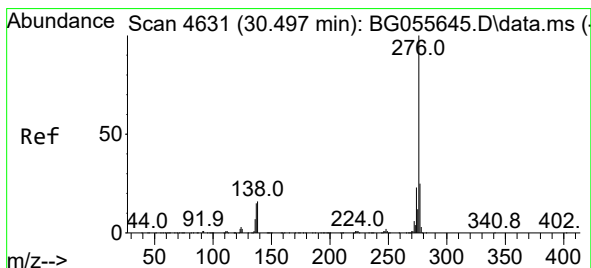
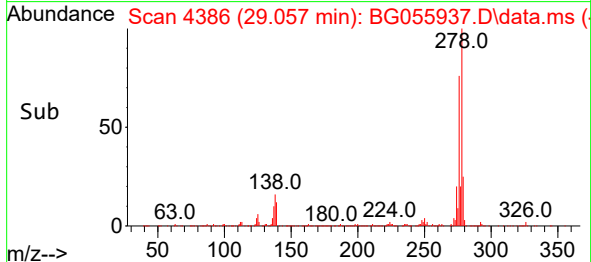
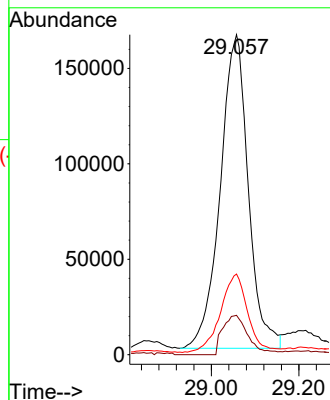
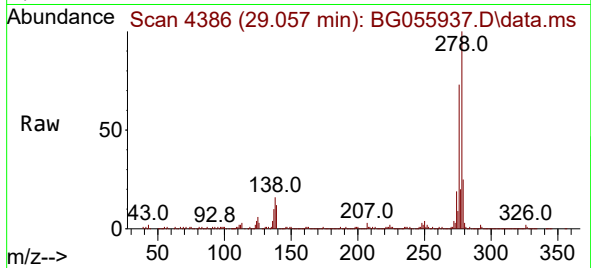
Tgt Ion:278 Resp: 730793

Ion Ratio Lower Upper

278 100

139 12.3 9.8 14.8

279 25.2 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 70.758 ng

RT: 30.227 min Scan# 4585

Delta R.T. 0.041 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Tgt Ion:276 Resp: 1128649

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.6

138 16.1 13.1 19.7

