

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057430.D
 Acq On : 13 May 2023 6:49
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 13 07:24:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	19296	20.000	ng	0.00
21) Naphthalene-d8	11.201	136	77494	20.000	ng	0.00
39) Acenaphthene-d10	14.978	164	60917	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	151813	20.000	ng	0.00
76) Chrysene-d12	22.027	240	135860	20.000	ng	0.00
86) Perylene-d12	25.523	264	148192	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	86139	76.363	ng	0.00
7) Phenol-d6	7.506	99	134298	78.402	ng	0.00
23) Nitrobenzene-d5	9.544	82	139371	75.483	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	73764	85.341	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	359472	79.475	ng	0.00
79) Terphenyl-d14	20.283	244	633472	76.091	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.676	88	16751	35.915	ng	95
3) Pyridine	4.099	79	56035	37.384	ng	95
4) n-Nitrosodimethylamine	4.011	42	24596	34.919	ng	# 90
6) Aniline	7.676	93	83330	38.348	ng	94
8) 2-Chlorophenol	7.923	128	46084	38.663	ng	97
9) Benzaldehyde	7.488	77	34050	36.950	ng	98
10) Phenol	7.529	94	64562	38.664	ng	98
11) bis(2-Chloroethyl)ether	7.764	93	46944	37.283	ng	99
12) 1,3-Dichlorobenzene	8.252	146	50893	38.686	ng	97
13) 1,4-Dichlorobenzene	8.399	146	51827	39.221	ng	98
14) 1,2-Dichlorobenzene	8.722	146	49098	38.488	ng	98
15) Benzyl Alcohol	8.598	79	53884	37.760	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.875	45	56070	35.330	ng	97
17) 2-Methylphenol	8.798	107	47887	39.784	ng	99
18) Hexachloroethane	9.456	117	18093	37.941	ng	98
19) n-Nitroso-di-n-propyla...	9.162	70	47461	36.337	ng	99
20) 3+4-Methylphenols	9.127	107	66288	40.219	ng	95
22) Acetophenone	9.192	105	83314	37.563	ng	97
24) Nitrobenzene	9.585	77	70292	37.719	ng	99
25) Isophorone	10.102	82	131044	36.601	ng	99
26) 2-Nitrophenol	10.302	139	29528	41.394	ng	92
27) 2,4-Dimethylphenol	10.343	122	51154	40.954	ng	98
28) bis(2-Chloroethoxy)met...	10.578	93	65606	36.577	ng	94
29) 2,4-Dichlorophenol	10.842	162	55147	41.627	ng	97
30) 1,2,4-Trichlorobenzene	11.060	180	59605	39.008	ng	97
31) Naphthalene	11.254	128	160424	38.722	ng	99
32) Benzoic acid	10.496	122	25632	36.806	ng	98
33) 4-Chloroaniline	11.354	127	75001	40.312	ng	97
34) Hexachlorobutadiene	11.518	225	44008	38.814	ng	97
35) Caprolactam	12.129	113	17883	39.517	ng	97
36) 4-Chloro-3-methylphenol	12.452	107	62397	41.446	ng	97
37) 2-Methylnaphthalene	12.828	142	131663	40.420	ng	95
38) 1-Methylnaphthalene	13.045	142	122695	39.963	ng	98
40) 1,2,4,5-Tetrachloroben...	13.186	216	87222	40.332	ng	99
41) Hexachlorocyclopentadiene	13.163	237	39088	40.939	ng	98
43) 2,4,6-Trichlorophenol	13.427	196	54161	41.108	ng	99

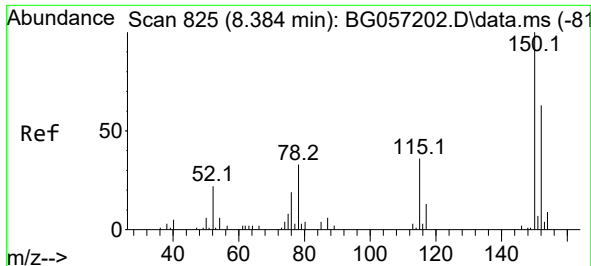
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
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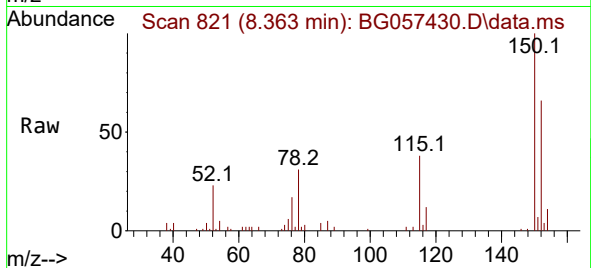
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.504	196	63398	40.907	ng	94
46) 1,1'-Biphenyl	13.815	154	179177	39.639	ng	99
47) 2-Chloronaphthalene	13.868	162	132975	39.560	ng	99
48) 2-Nitroaniline	14.062	65	45558	39.861	ng	97
49) Acenaphthylene	14.708	152	217736	39.871	ng	97
50) Dimethylphthalate	14.414	163	187623	37.480	ng	99
51) 2,6-Dinitrotoluene	14.543	165	42659	41.738	ng	89
52) Acenaphthene	15.043	154	133184	39.029	ng	100
53) 3-Nitroaniline	14.878	138	40098	39.161	ng	95
54) 2,4-Dinitrophenol	15.095	184	23692	40.047	ng	98
55) Dibenzofuran	15.372	168	227881	39.745	ng	99
56) 4-Nitrophenol	15.184	139	26460	38.854	ng	93
57) 2,4-Dinitrotoluene	15.330	165	59465	40.710	ng	98
58) Fluorene	16.018	166	186559	39.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.595	232	56956	40.536	ng	99
60) Diethylphthalate	15.759	149	191721	37.713	ng	98
61) 4-Chlorophenyl-phenyle...	15.994	204	111898	39.330	ng	96
62) 4-Nitroaniline	16.035	138	41254	39.937	ng	93
63) Azobenzene	16.288	77	175503	35.780	ng	98
65) 4,6-Dinitro-2-methylph...	16.100	198	39714	43.816	ng	96
66) n-Nitrosodiphenylamine	16.212	169	161940	39.275	ng	98
67) 4-Bromophenyl-phenylether	16.887	248	73744	39.792	ng	96
68) Hexachlorobenzene	17.022	284	74128	41.161	ng	97
69) Atrazine	17.146	200	61679	39.214	ng	99
70) Pentachlorophenol	17.369	266	41217	39.711	ng	97
71) Phenanthrene	17.762	178	303707	39.041	ng	100
72) Anthracene	17.851	178	313380	39.260	ng	99
73) Carbazole	18.115	167	261847	38.966	ng	98
74) Di-n-butylphthalate	18.632	149	303876	39.303	ng	98
75) Fluoranthene	19.748	202	379442	39.218	ng	98
77) Benzidine	19.913	184	80470	26.494	ng	99
78) Pyrene	20.112	202	383856	38.882	ng	99
80) Butylbenzylphthalate	20.958	149	133213	42.527	ng	95
81) Benzo(a)anthracene	22.004	228	379150	39.170	ng	98
82) 3,3'-Dichlorobenzidine	21.898	252	125514	40.483	ng	98
83) Chrysene	22.074	228	357445	39.248	ng	100
84) Bis(2-ethylhexyl)phtha...	21.845	149	188983	40.776	ng	97
85) Di-n-octyl phthalate	23.143	149	321655	41.630	ng	97
87) Indeno(1,2,3-cd)pyrene	29.582	276	421268	39.005	ng	100
88) Benzo(b)fluoranthene	24.406	252	374140	38.622	ng	100
89) Benzo(k)fluoranthene	24.477	252	370209	37.608	ng	99
90) Benzo(a)pyrene	25.364	252	361671	38.215	ng	97
91) Dibenzo(a,h)anthracene	29.641	278	348963	38.797	ng	98
92) Benzo(g,h,i)perylene	30.857	276	341593	38.895	ng	99

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

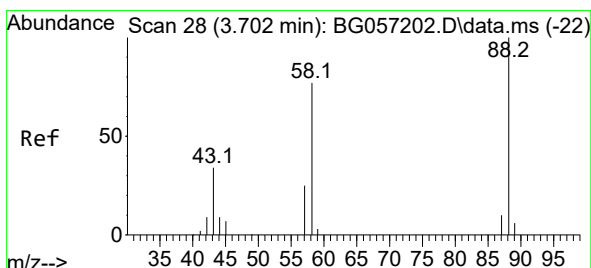
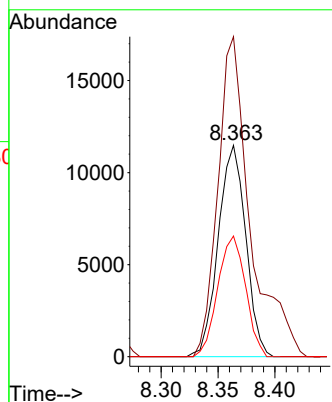
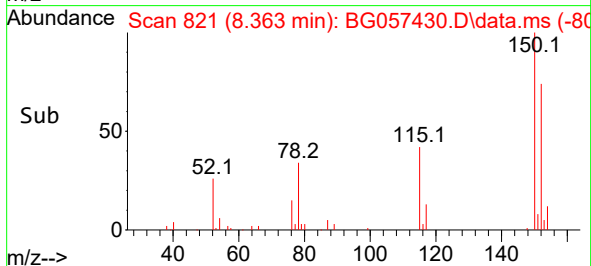


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

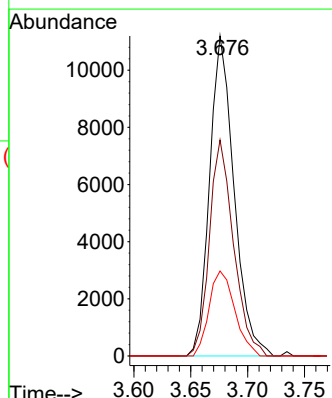
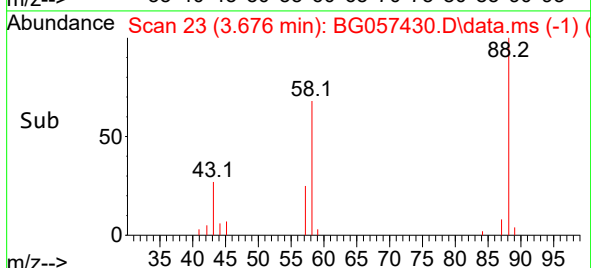
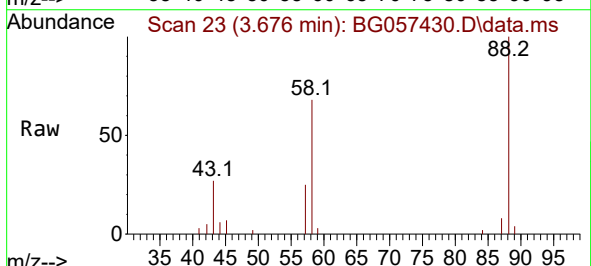


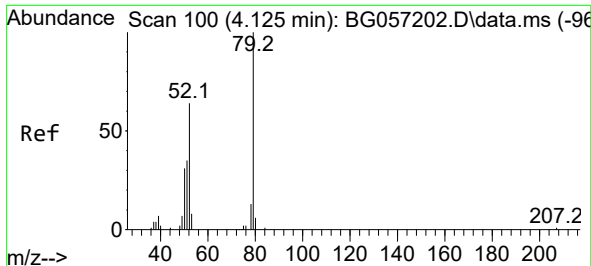
Tgt Ion:152 Resp: 19296
Ion Ratio Lower Upper
152 100
150 151.4 126.2 189.4
115 57.1 45.0 67.4



#2
1,4-Dioxane
Concen: 35.915 ng
RT: 3.676 min Scan# 23
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 88 Resp: 16751
Ion Ratio Lower Upper
88 100
58 66.6 57.1 85.7
43 27.9 24.4 36.6

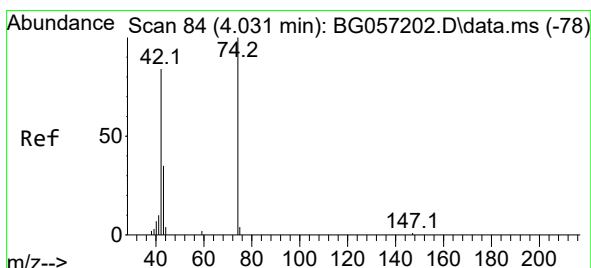
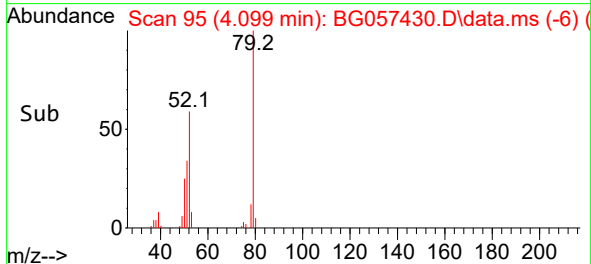
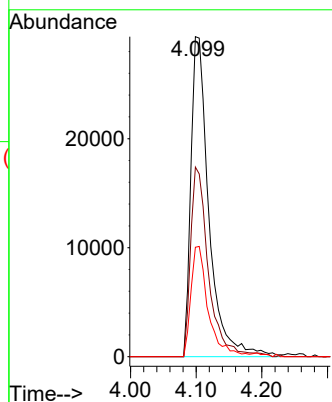
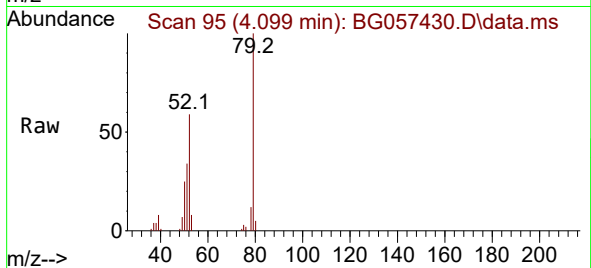




#3
Pyridine
Concen: 37.384 ng
RT: 4.099 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

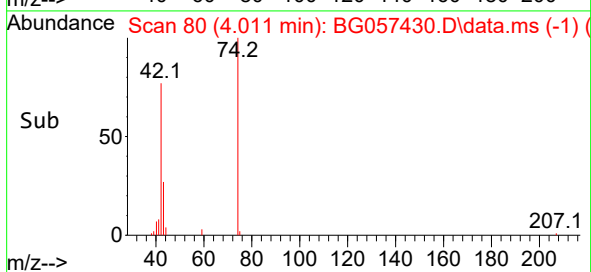
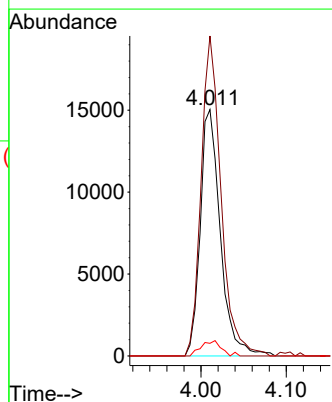
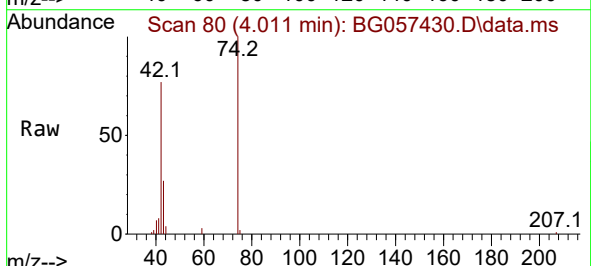
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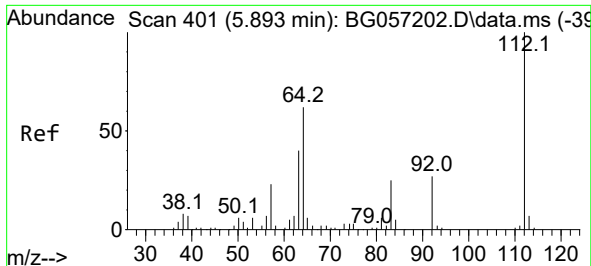
Tgt Ion: 79 Resp: 56035
Ion Ratio Lower Upper
79 100
52 59.3 51.4 77.0
51 34.2 28.0 42.0



#4
n-Nitrosodimethylamine
Concen: 34.919 ng
RT: 4.011 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 42 Resp: 24596
Ion Ratio Lower Upper
42 100
74 129.8 95.1 142.7
44 5.1 5.8 8.8#

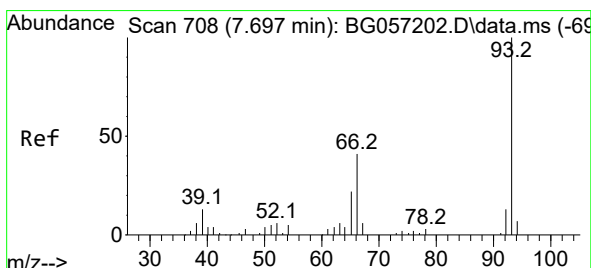
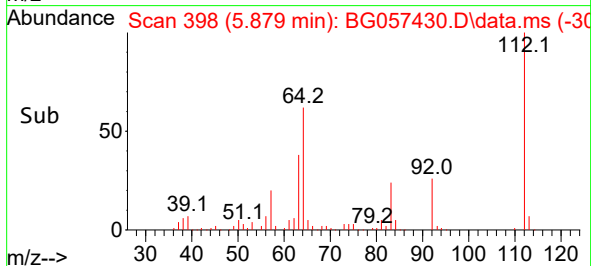
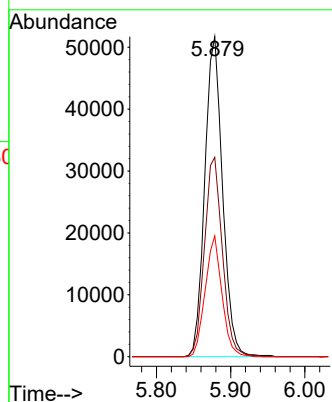
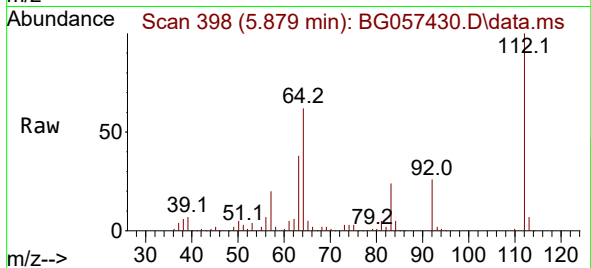




#5
2-Fluorophenol
Concen: 76.363 ng
RT: 5.879 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

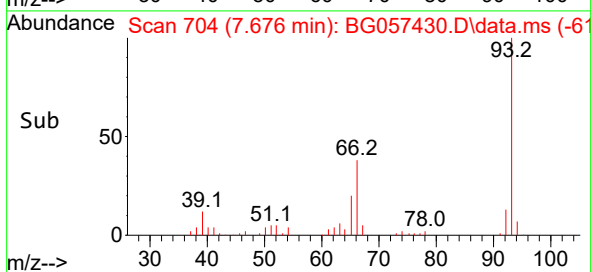
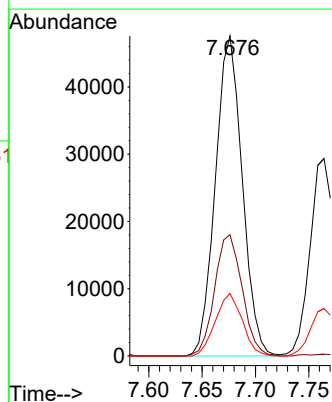
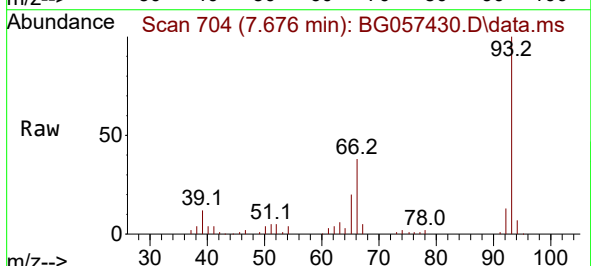
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ClientSampleId :
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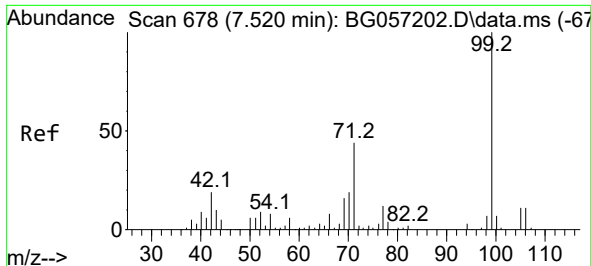
Tgt Ion:112 Resp: 86139
Ion Ratio Lower Upper
112 100
64 62.3 49.4 74.2
63 37.7 31.6 47.4



#6
Aniline
Concen: 38.348 ng
RT: 7.676 min Scan# 704
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 93 Resp: 83330
Ion Ratio Lower Upper
93 100
66 37.9 33.0 49.6
65 19.5 18.0 27.0

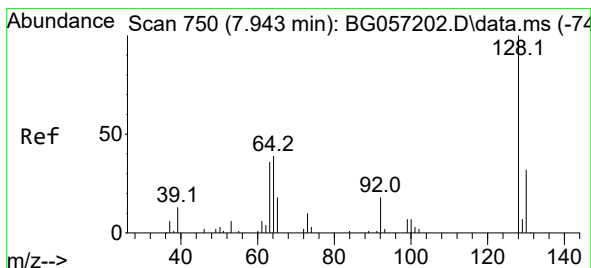
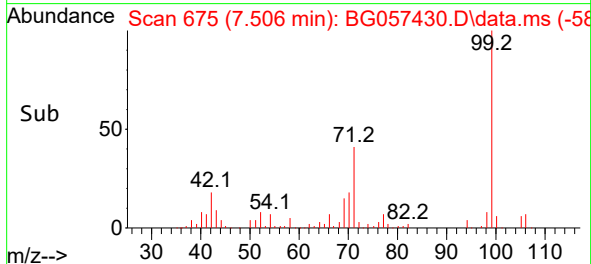
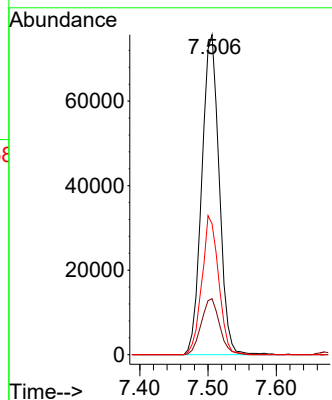
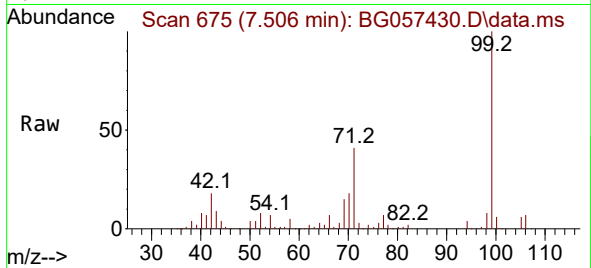




#7
Phenol-d6
Concen: 78.402 ng
RT: 7.506 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

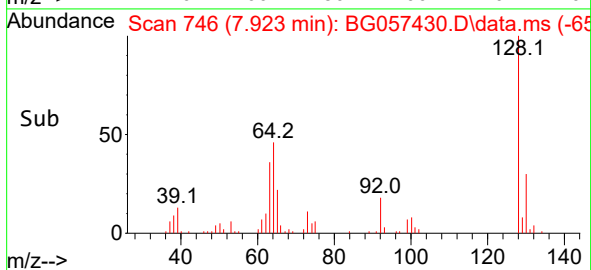
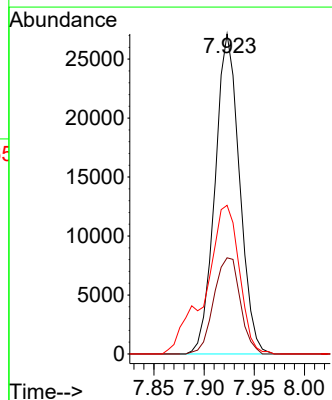
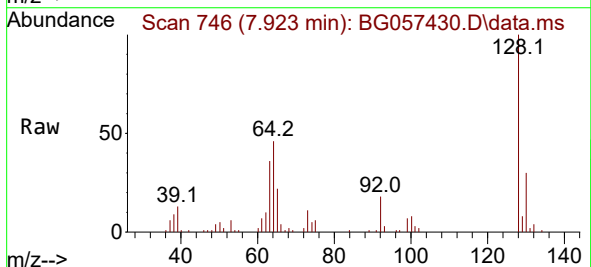
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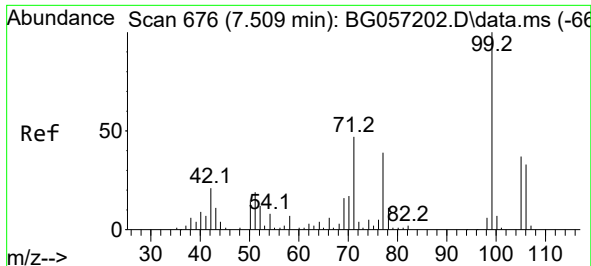
Tgt Ion: 99 Resp: 134298
Ion Ratio Lower Upper
99 100
42 17.5 15.1 22.7
71 40.9 35.2 52.8



#8
2-Chlorophenol
Concen: 38.663 ng
RT: 7.923 min Scan# 746
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 128 Resp: 46084
Ion Ratio Lower Upper
128 100
130 30.1 12.2 52.2
64 46.4 28.4 68.4

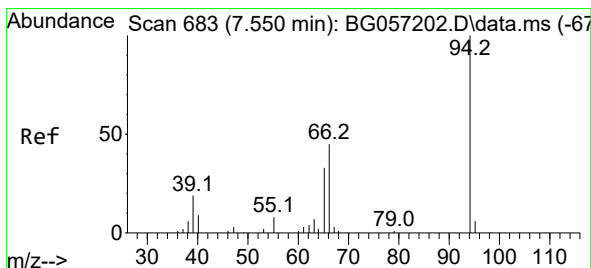
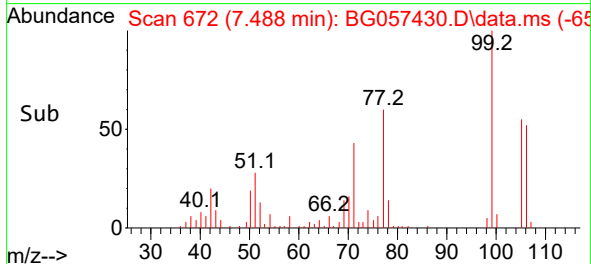
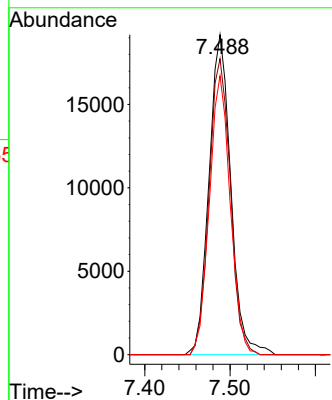
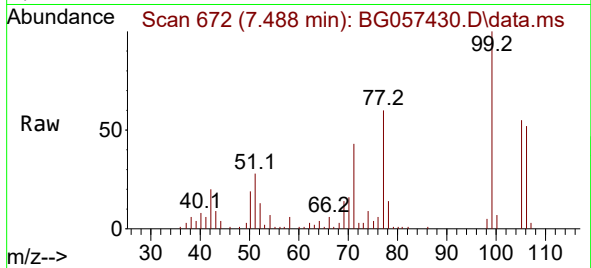




#9
Benzaldehyde
Concen: 36.950 ng
RT: 7.488 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

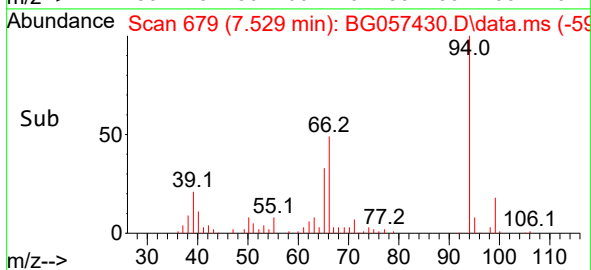
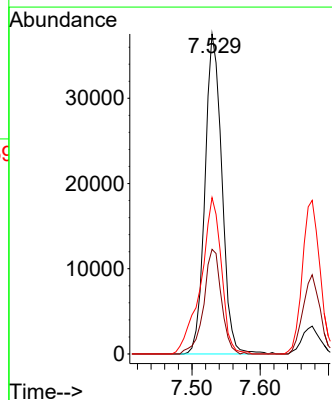
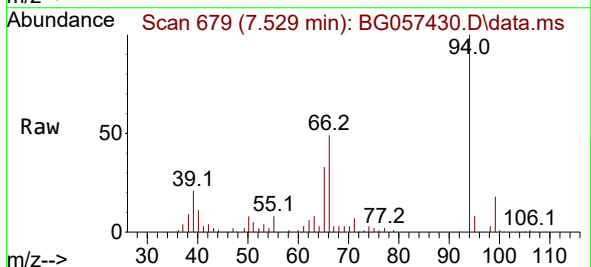
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

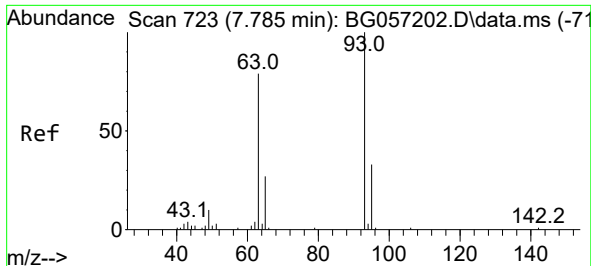
Tgt Ion: 77 Resp: 34050
Ion Ratio Lower Upper
77 100
105 92.5 74.6 114.6
106 87.2 66.3 106.3



#10
Phenol
Concen: 38.664 ng
RT: 7.529 min Scan# 679
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 94 Resp: 64562
Ion Ratio Lower Upper
94 100
65 32.7 13.5 53.5
66 48.9 26.7 66.7

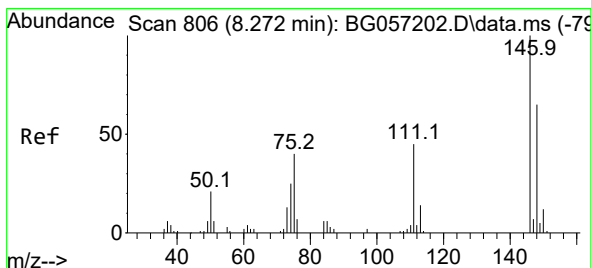
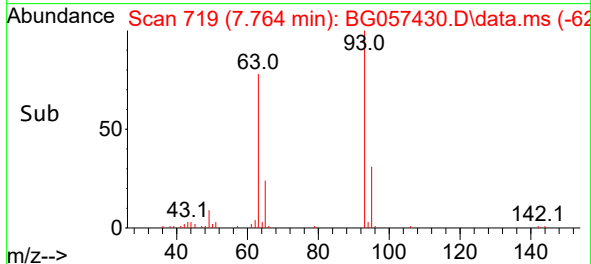
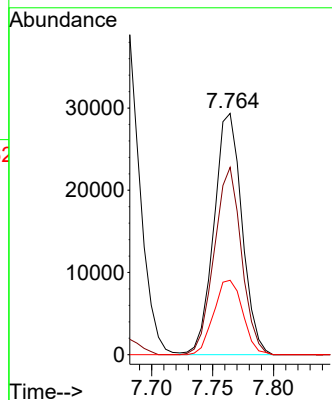
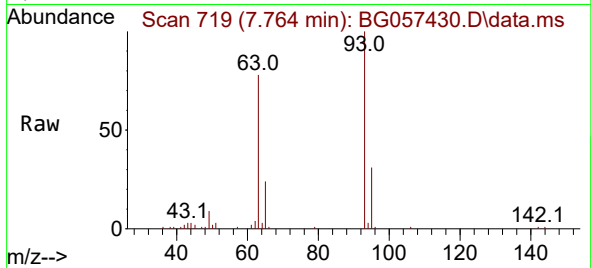




#11
bis(2-Chloroethyl)ether
Concen: 37.283 ng
RT: 7.764 min Scan# 719
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

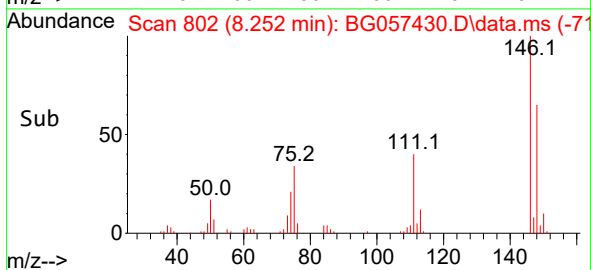
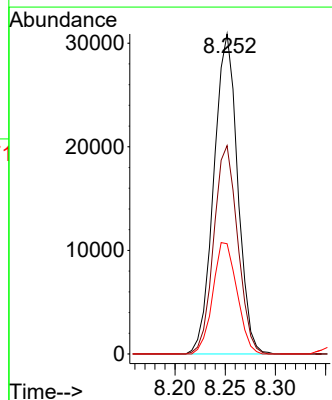
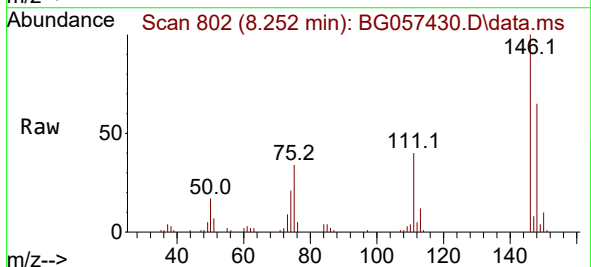
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

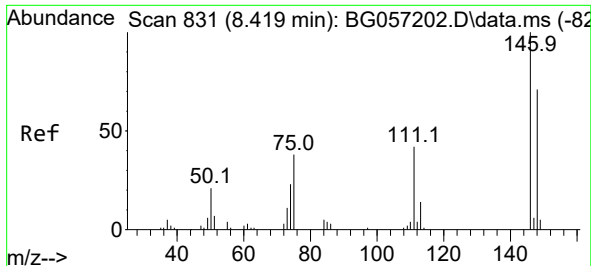
Tgt Ion: 93 Resp: 46944
Ion Ratio Lower Upper
93 100
63 77.7 58.6 98.6
95 30.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 38.686 ng
RT: 8.252 min Scan# 802
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 146 Resp: 50893
Ion Ratio Lower Upper
146 100
148 65.1 52.2 78.2
75 34.4 31.7 47.5

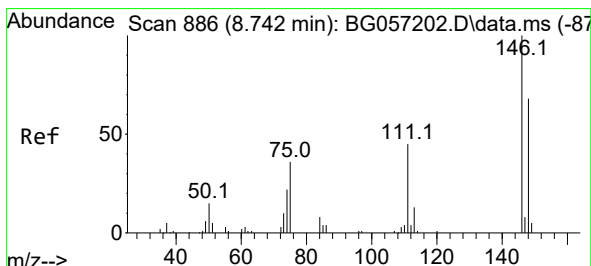
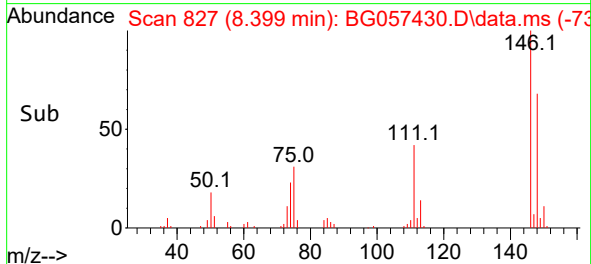
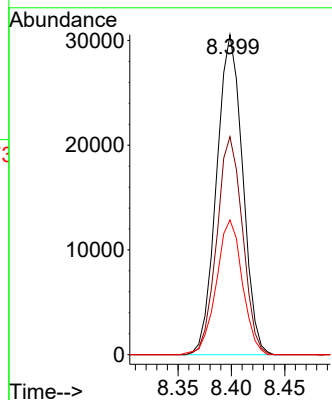
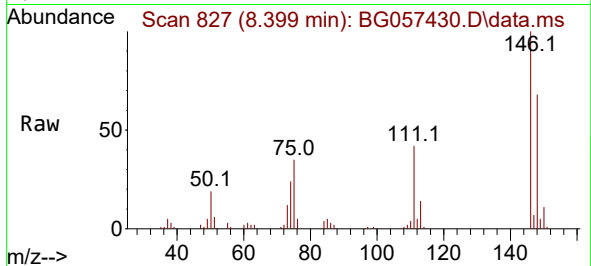




#13
1,4-Dichlorobenzene
Concen: 39.221 ng
RT: 8.399 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

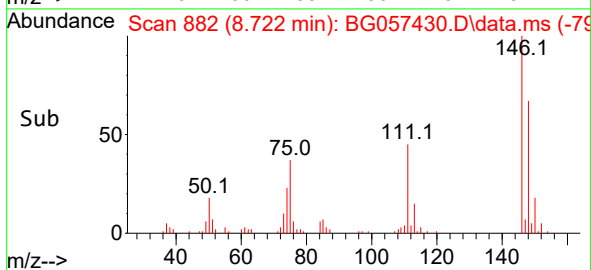
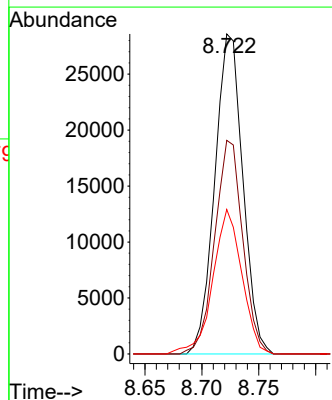
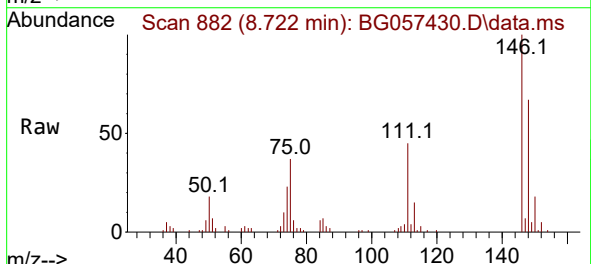
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

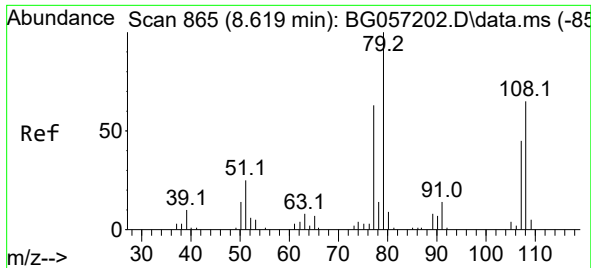
Tgt Ion:146 Resp: 51827
Ion Ratio Lower Upper
146 100
148 68.1 56.4 84.6
111 42.1 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 38.488 ng
RT: 8.722 min Scan# 882
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:146 Resp: 49098
Ion Ratio Lower Upper
146 100
148 66.8 54.6 82.0
111 45.2 37.2 55.8

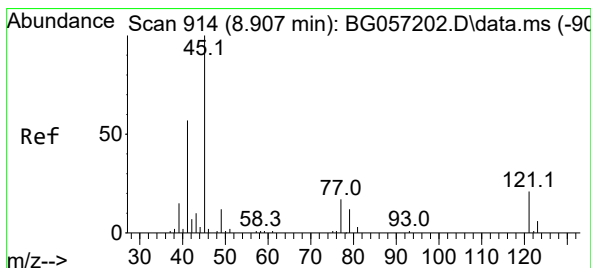
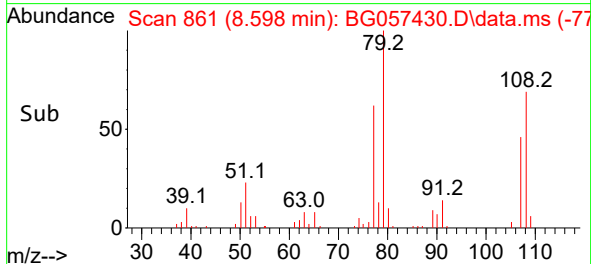
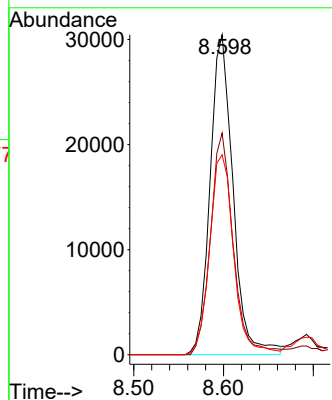
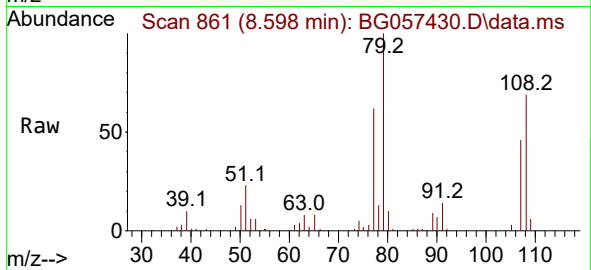




#15
Benzyl Alcohol
Concen: 37.760 ng
RT: 8.598 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

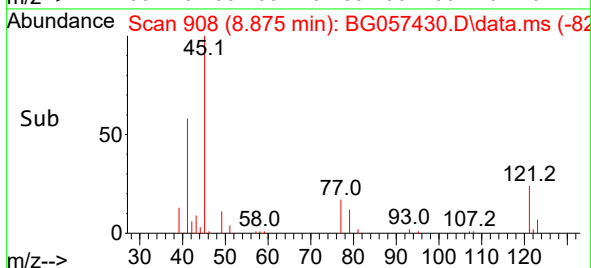
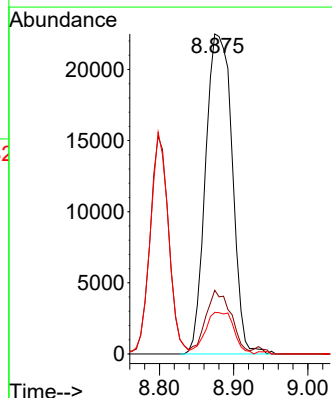
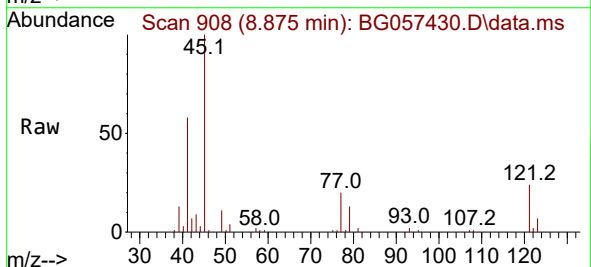
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

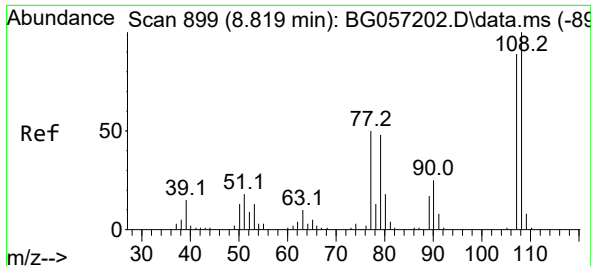
Tgt Ion: 79 Resp: 53884
Ion Ratio Lower Upper
79 100
108 69.2 52.2 78.2
77 62.4 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.330 ng
RT: 8.875 min Scan# 908
Delta R.T. -0.012 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 45 Resp: 56070
Ion Ratio Lower Upper
45 100
77 19.9 0.0 38.5
79 13.0 0.0 33.8





#17

2-Methylphenol

Concen: 39.784 ng

RT: 8.798 min Scan# 899

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 47887

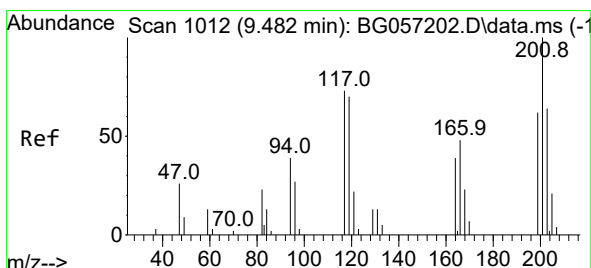
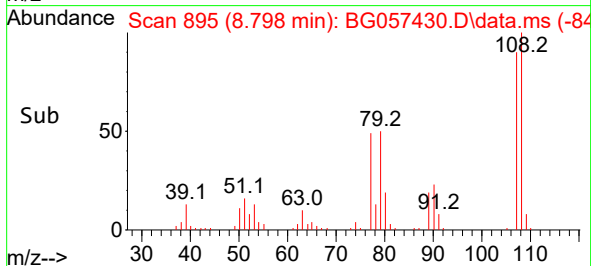
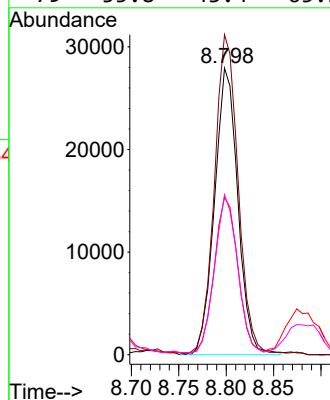
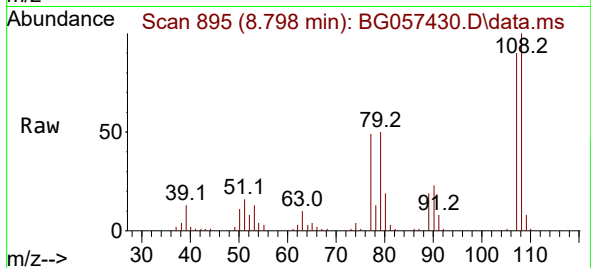
Ion Ratio Lower Upper

107 100

108 111.7 89.5 134.3

77 54.8 45.1 67.7

79 55.8 43.4 65.2



#18

Hexachloroethane

Concen: 37.941 ng

RT: 9.456 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

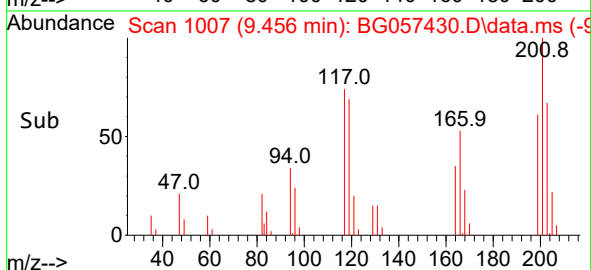
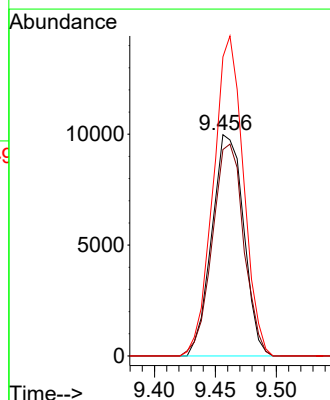
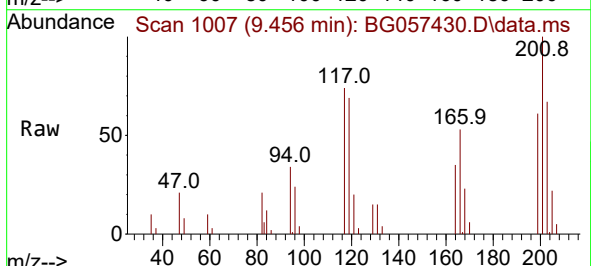
Tgt Ion:117 Resp: 18093

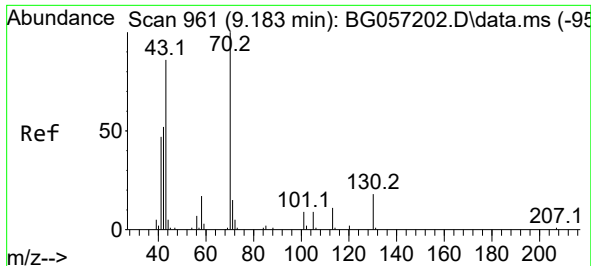
Ion Ratio Lower Upper

117 100

119 93.3 76.7 115.1

201 135.1 109.0 163.4

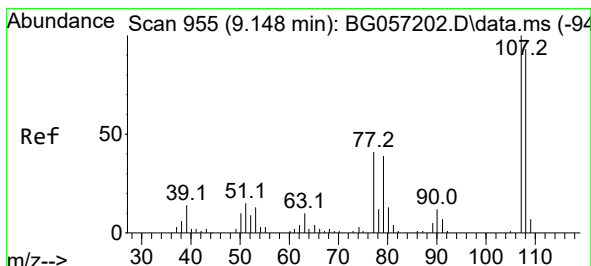
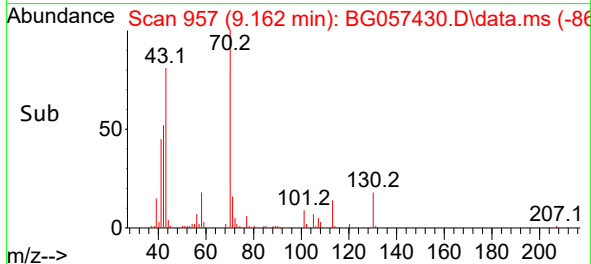
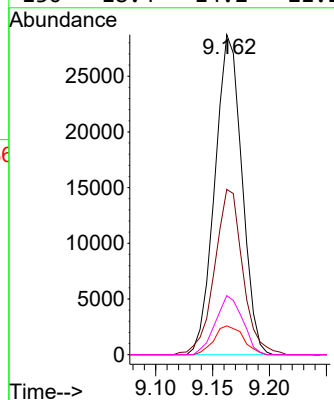
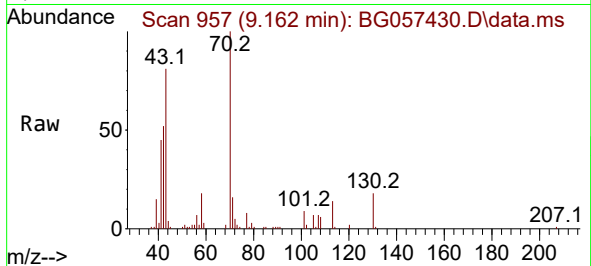




#19
n-Nitroso-di-n-propylamine
Concen: 36.337 ng
RT: 9.162 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

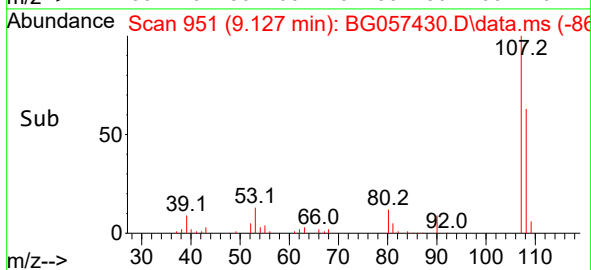
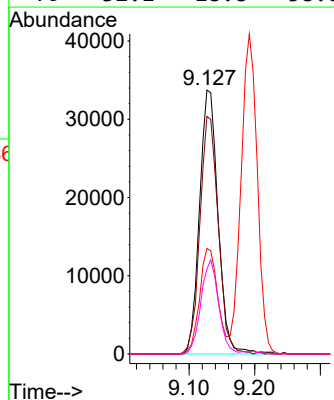
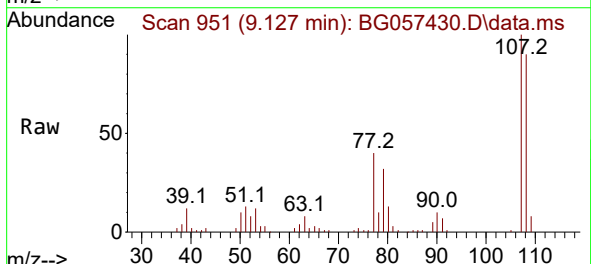
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

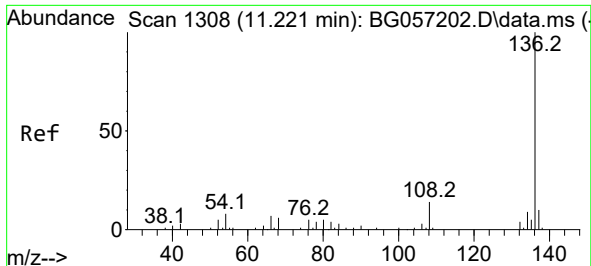
Tgt Ion: 70 Resp: 47461
Ion Ratio Lower Upper
70 100
42 51.6 41.8 62.8
101 9.0 6.8 10.2
130 18.4 14.2 21.2



#20
3+4-Methylphenols
Concen: 40.219 ng
RT: 9.127 min Scan# 951
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 107 Resp: 66288
Ion Ratio Lower Upper
107 100
108 90.0 73.5 113.5
77 39.9 21.1 61.1
79 32.1 18.8 58.8

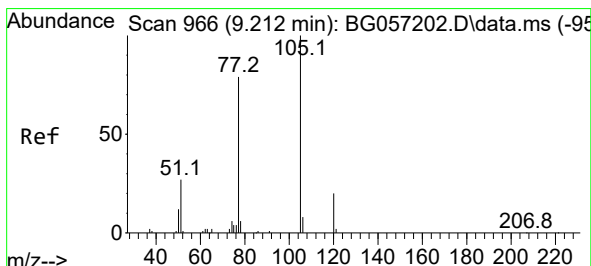
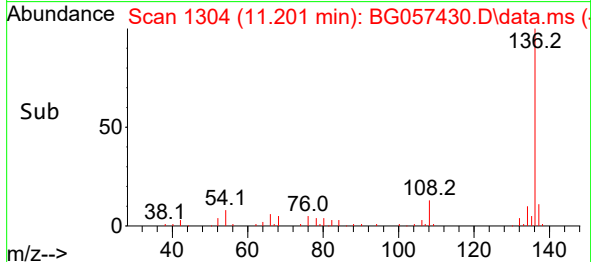
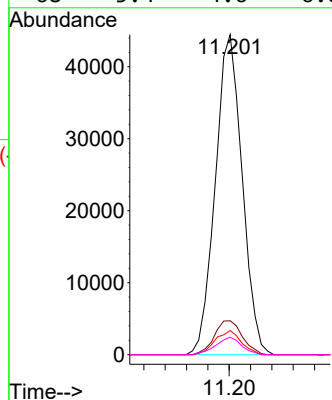
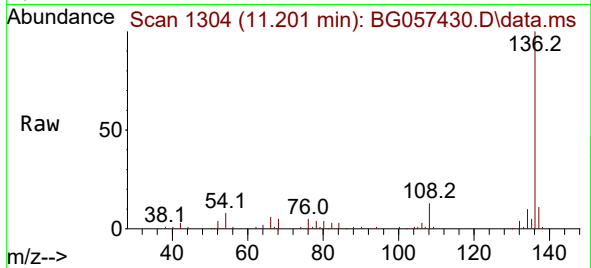




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.201 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

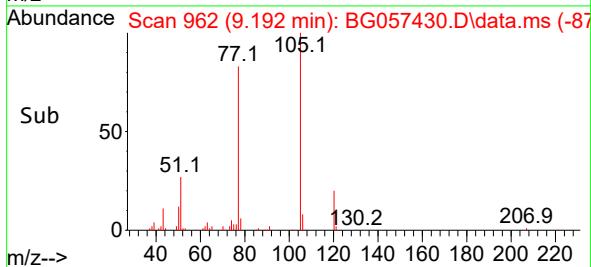
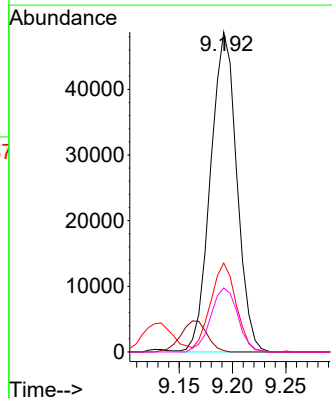
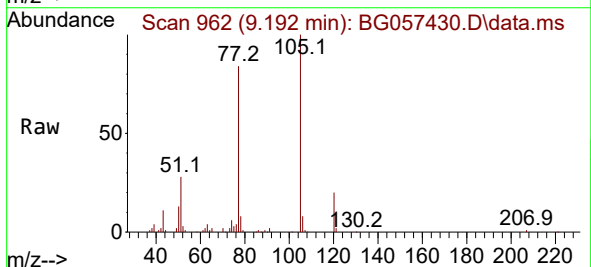
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

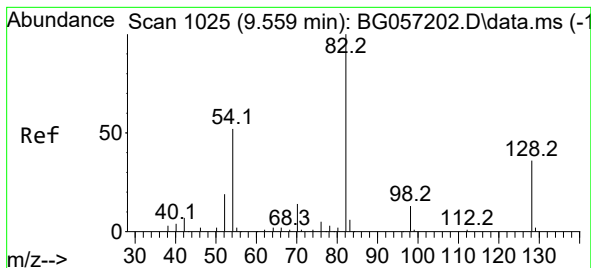
Tgt Ion:136 Resp: 77494
Ion Ratio Lower Upper
136 100
137 10.6 8.3 12.5
54 7.5 6.7 10.1
68 5.4 4.6 6.8



#22
Acetophenone
Concen: 37.563 ng
RT: 9.192 min Scan# 962
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:105 Resp: 83314
Ion Ratio Lower Upper
105 100
71 0.4 0.4 0.6
51 27.8 24.0 36.0
120 20.0 15.8 23.8





#23

Nitrobenzene-d5

Concen: 75.483 ng

RT: 9.544 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

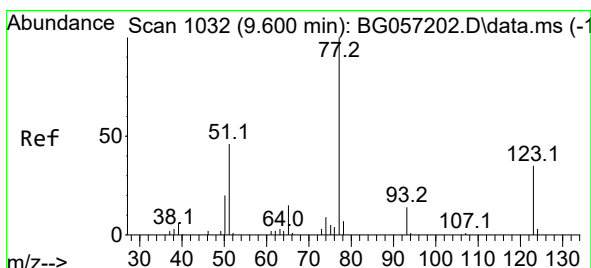
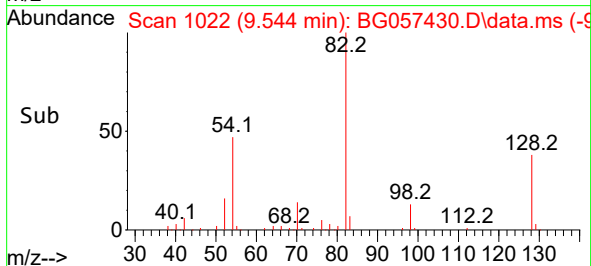
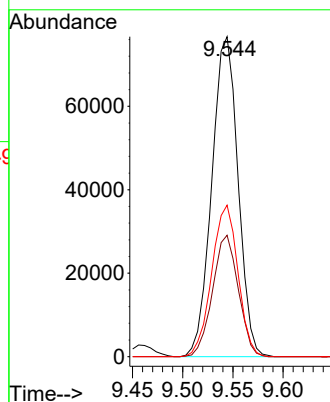
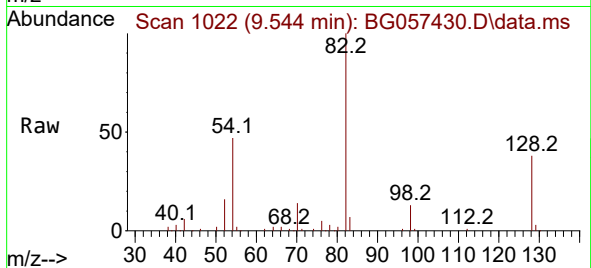
Tgt Ion: 82 Resp: 139371

Ion Ratio Lower Upper

82 100

128 37.9 29.0 43.4

54 47.3 41.4 62.0



#24

Nitrobenzene

Concen: 37.719 ng

RT: 9.585 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

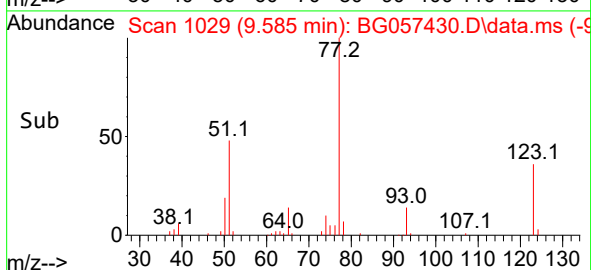
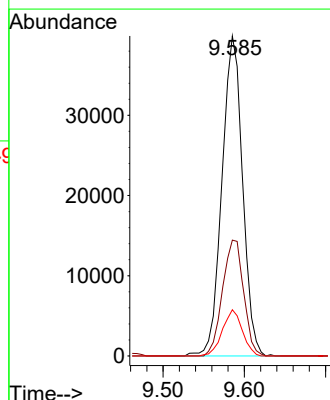
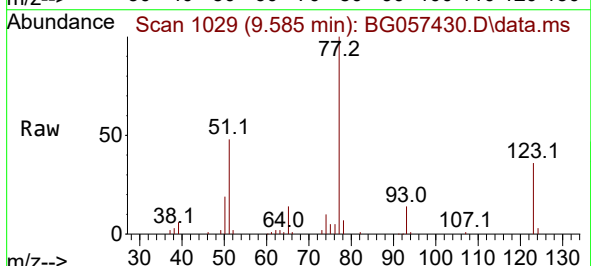
Tgt Ion: 77 Resp: 70292

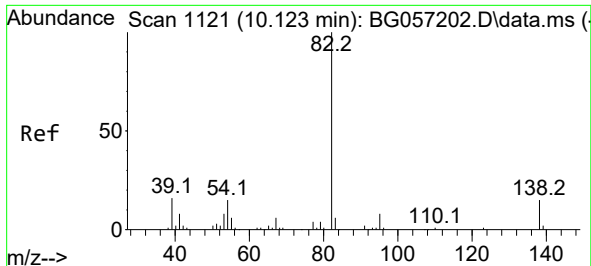
Ion Ratio Lower Upper

77 100

123 36.2 28.2 42.2

65 14.5 11.7 17.5

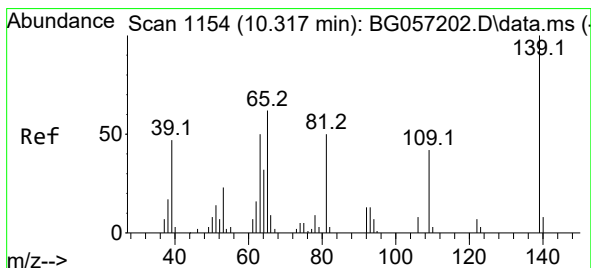
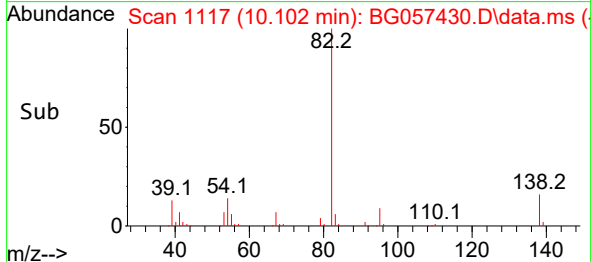
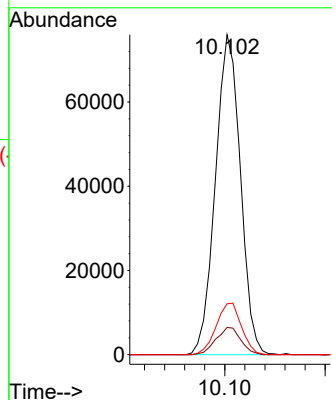
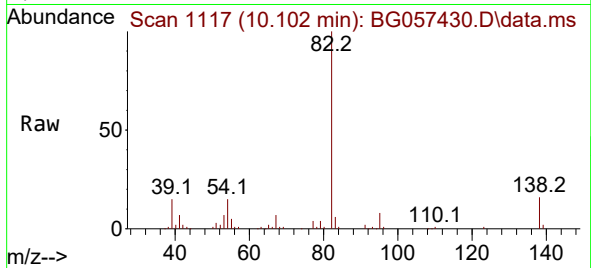




#25
Isophorone
Concen: 36.601 ng
RT: 10.102 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

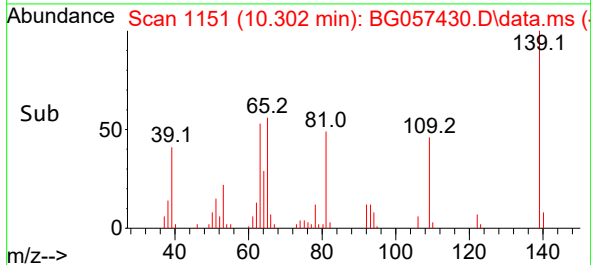
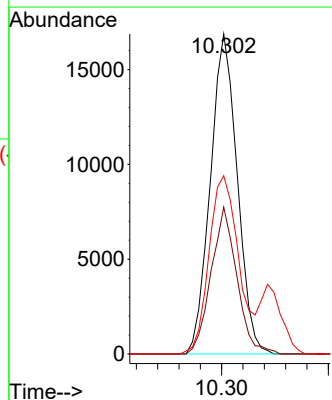
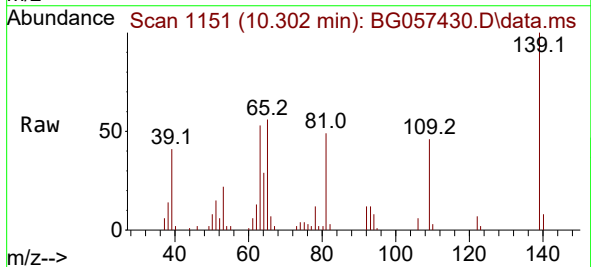
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

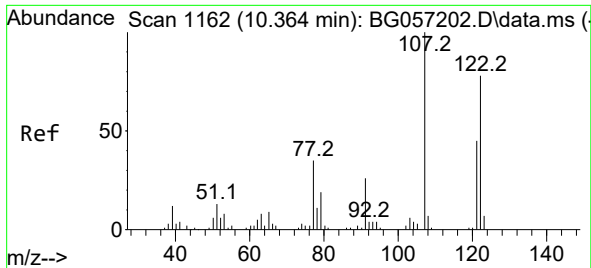
Tgt Ion: 82 Resp: 131044
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 15.9 12.3 18.5



#26
2-Nitrophenol
Concen: 41.394 ng
RT: 10.302 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:139 Resp: 29528
Ion Ratio Lower Upper
139 100
109 45.9 33.4 50.2
65 55.7 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 40.954 ng

RT: 10.343 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

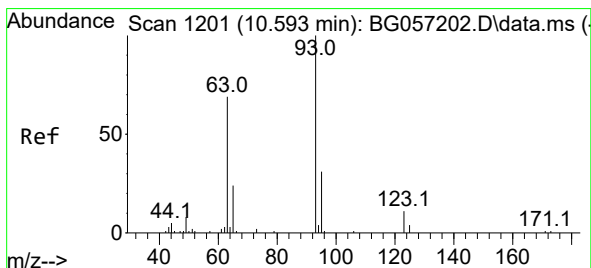
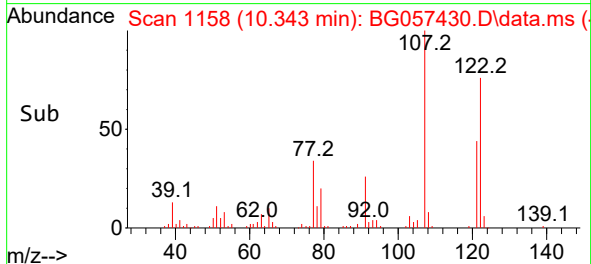
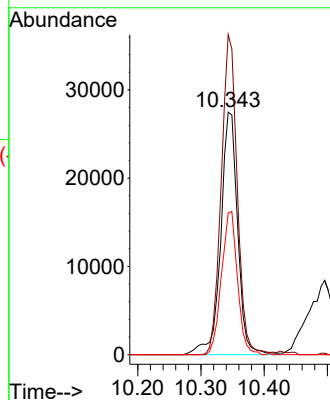
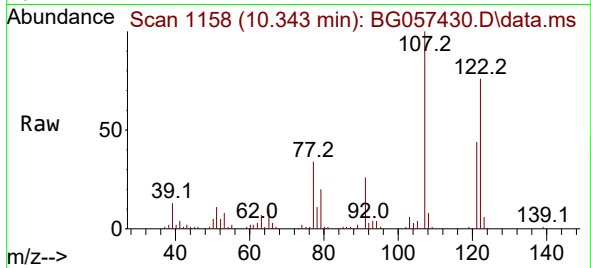
Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:122	Resp:	51154
Ion	Ratio	Lower Upper
122	100	
107	131.9	103.0 154.4
121	58.4	45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 36.577 ng

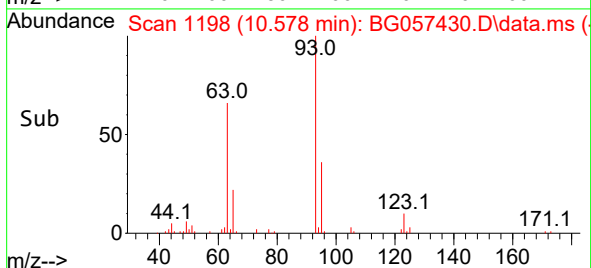
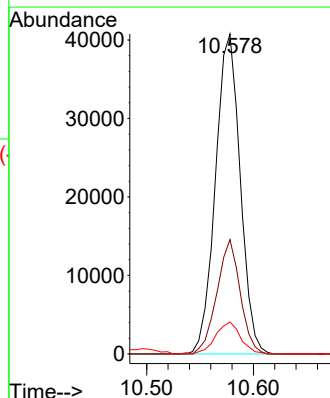
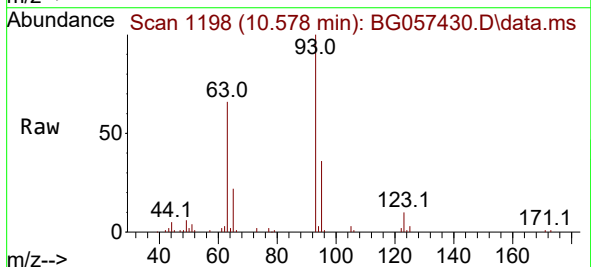
RT: 10.578 min Scan# 1198

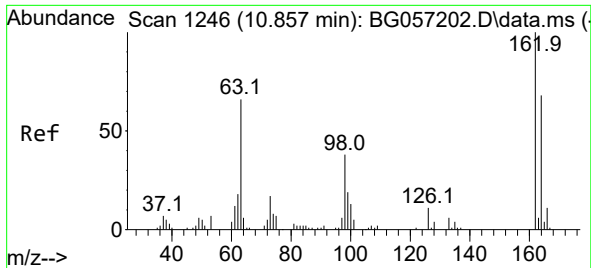
Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Tgt Ion: 93	Resp:	65606
Ion	Ratio	Lower Upper
93	100	
95	35.8	25.0 37.6
123	10.0	8.5 12.7





#29

2,4-Dichlorophenol

Concen: 41.627 ng

RT: 10.842 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

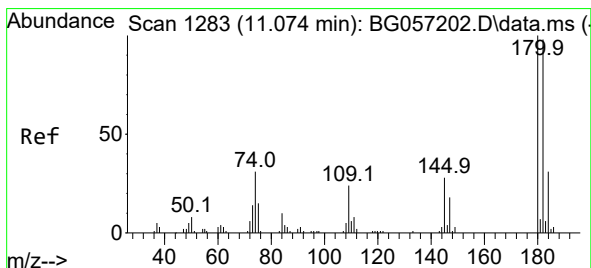
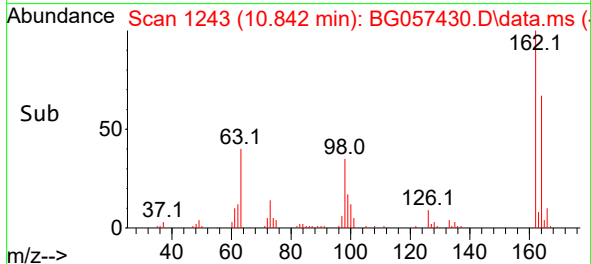
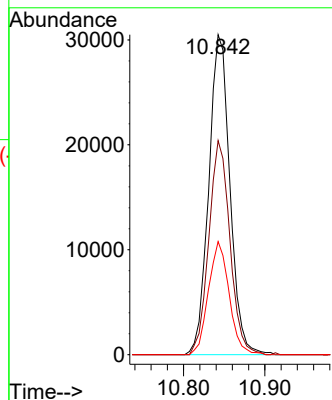
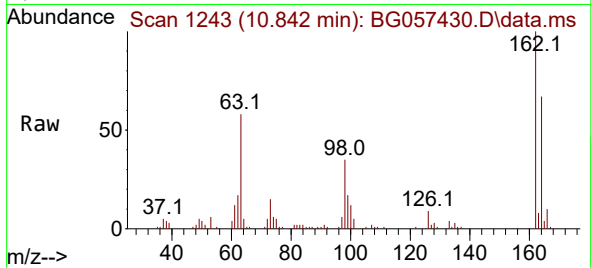
Tgt Ion:162 Resp: 55147

Ion Ratio Lower Upper

162 100

164 66.9 48.4 88.4

98 35.4 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 39.008 ng

RT: 11.060 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

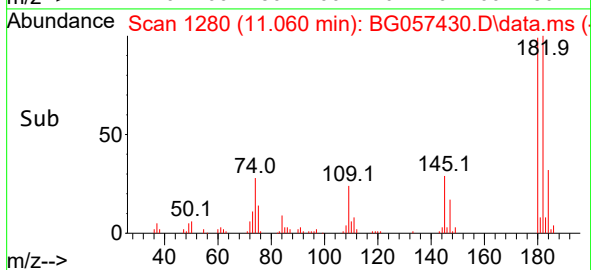
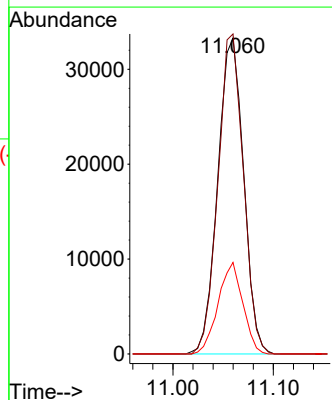
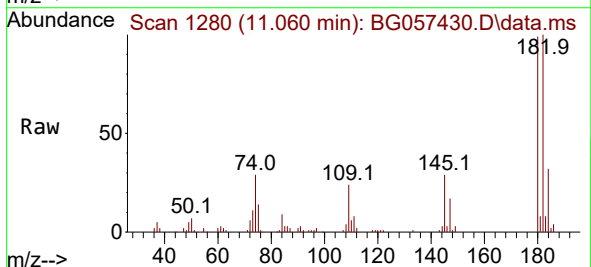
Tgt Ion:180 Resp: 59605

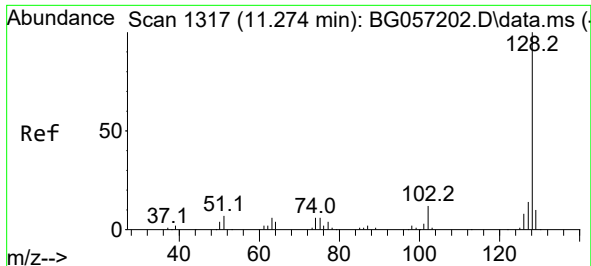
Ion Ratio Lower Upper

180 100

182 101.3 78.0 117.0

145 29.0 22.4 33.6

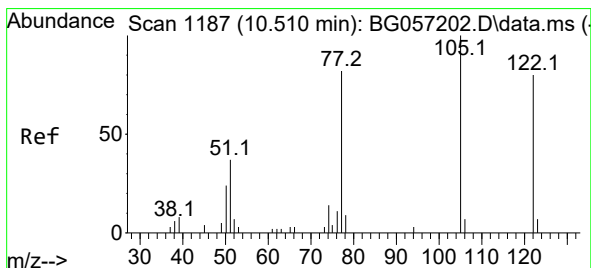
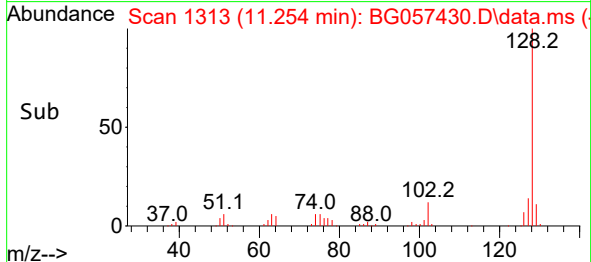
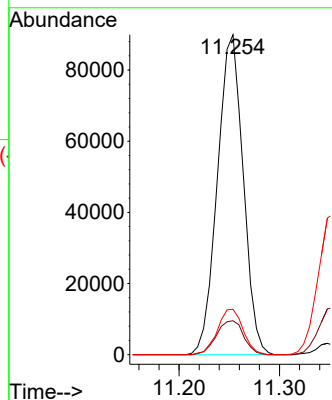
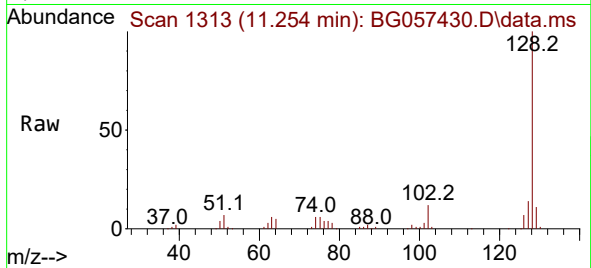




#31
Naphthalene
Concen: 38.722 ng
RT: 11.254 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

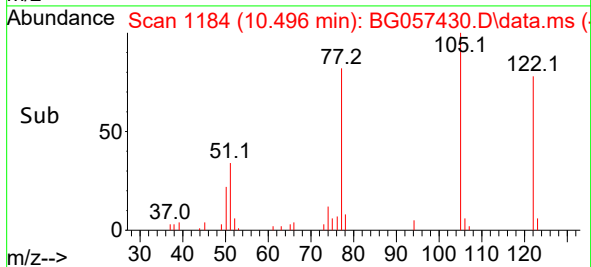
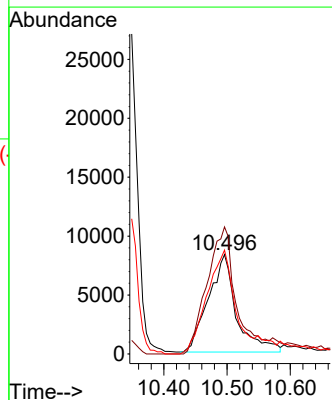
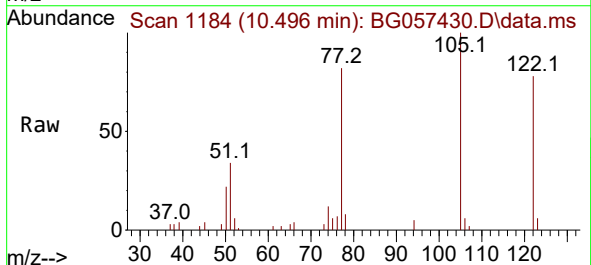
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

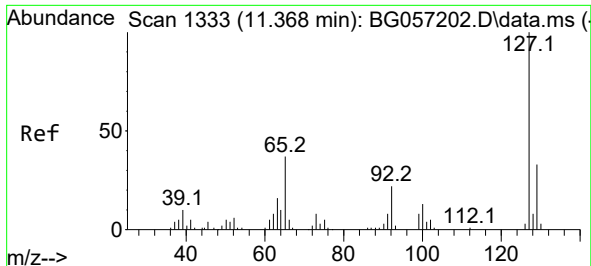
Tgt Ion:128 Resp: 160424
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 14.2 11.1 16.7



#32
Benzoic acid
Concen: 36.806 ng
RT: 10.496 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:122 Resp: 25632
Ion Ratio Lower Upper
122 100
105 127.8 105.2 145.2
77 104.5 83.1 123.1

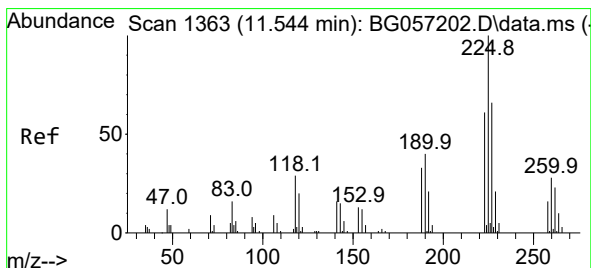
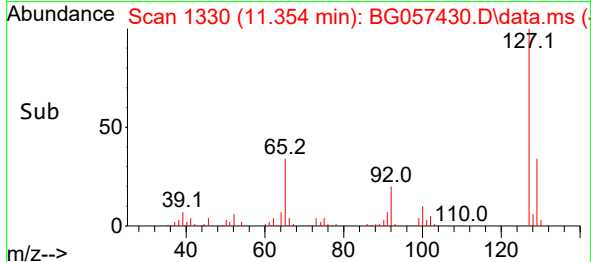
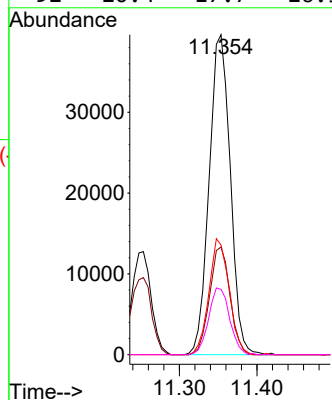
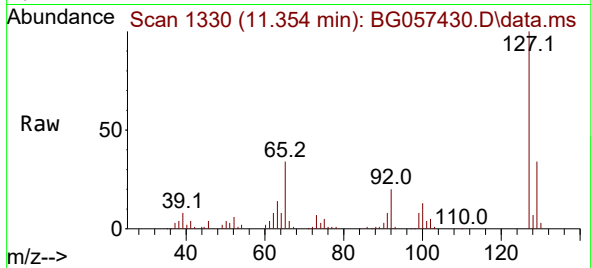




#33
4-Chloroaniline
Concen: 40.312 ng
RT: 11.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

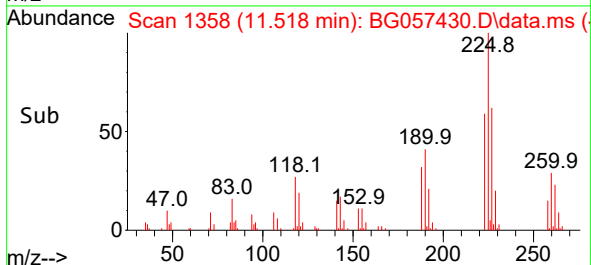
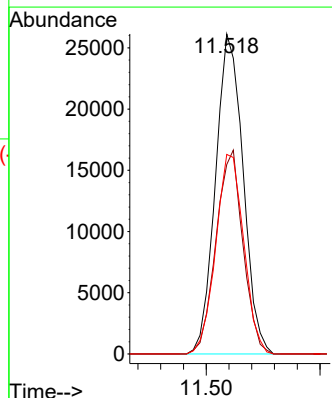
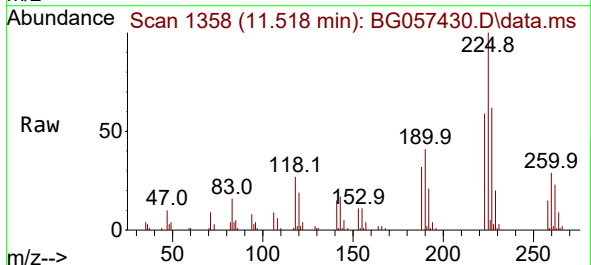
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

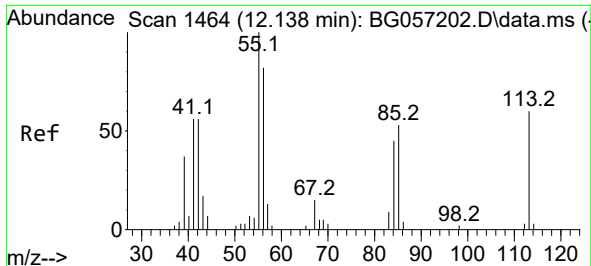
Tgt Ion:127	Resp:	75001
Ion Ratio	Lower	Upper
127	100	
129	33.6	26.7 40.1
65	34.3	29.7 44.5
92	20.4	17.7 26.5



#34
Hexachlorobutadiene
Concen: 38.814 ng
RT: 11.518 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:225	Resp:	44008
Ion Ratio	Lower	Upper
225	100	
223	59.2	48.6 72.8
227	62.4	52.7 79.1

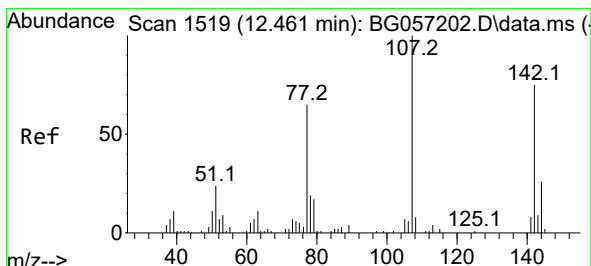
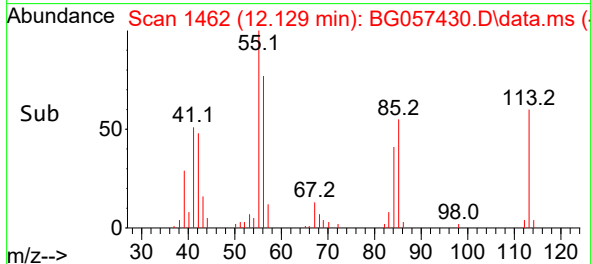
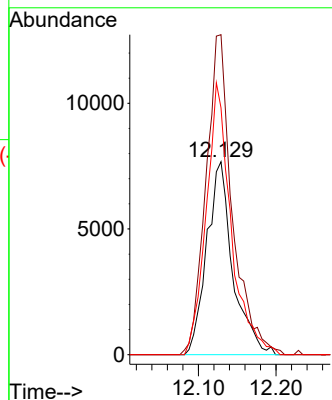
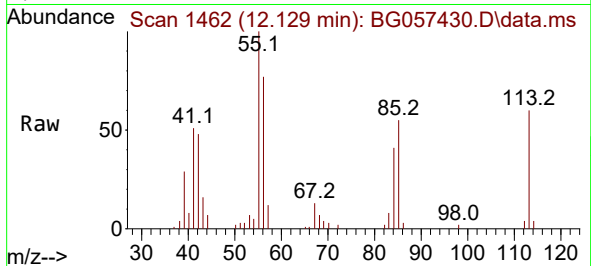




#35
Caprolactam
Concen: 39.517 ng
RT: 12.129 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

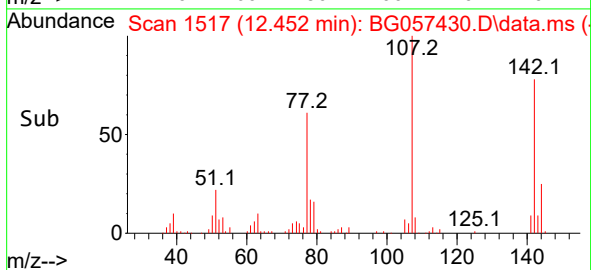
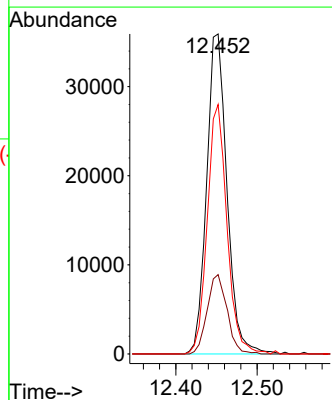
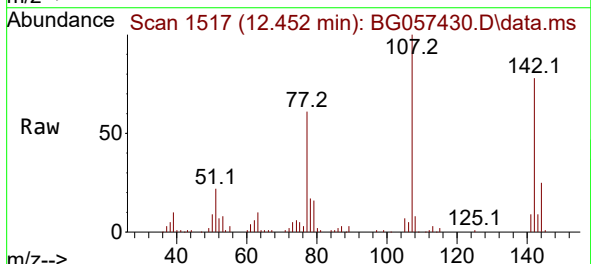
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

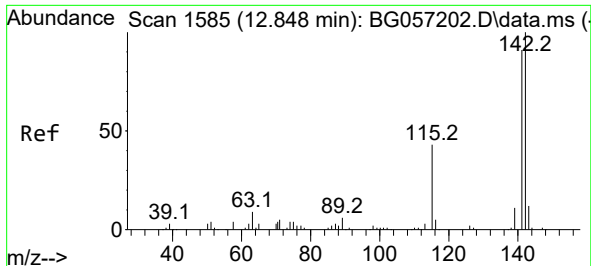
Tgt Ion:113 Resp: 17883
Ion Ratio Lower Upper
113 100
55 165.9 145.5 185.5
56 127.9 115.9 155.9



#36
4-Chloro-3-methylphenol
Concen: 41.446 ng
RT: 12.452 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:107 Resp: 62397
Ion Ratio Lower Upper
107 100
144 24.8 21.0 31.6
142 78.0 60.0 90.0





#37

2-Methylnaphthalene

Concen: 40.420 ng

RT: 12.828 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

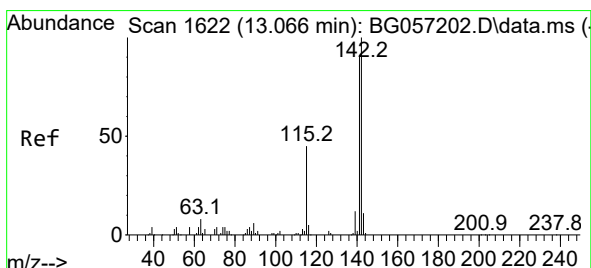
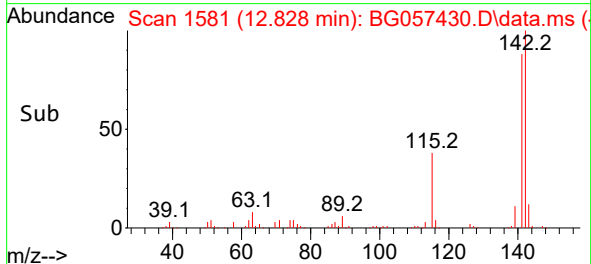
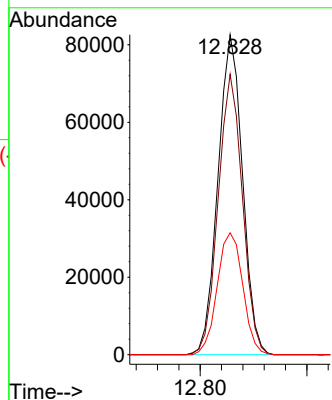
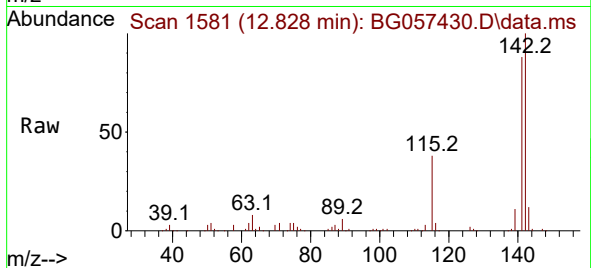
Tgt Ion:142 Resp: 131663

Ion Ratio Lower Upper

142 100

141 87.6 73.1 109.7

115 38.1 34.6 52.0



#38

1-Methylnaphthalene

Concen: 39.963 ng

RT: 13.045 min Scan# 1618

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

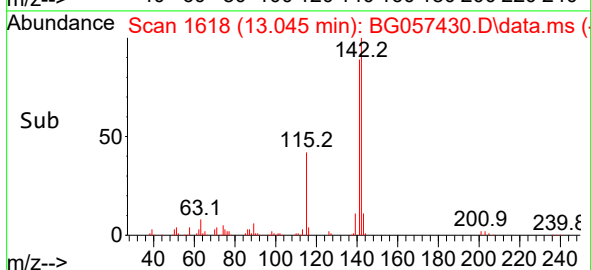
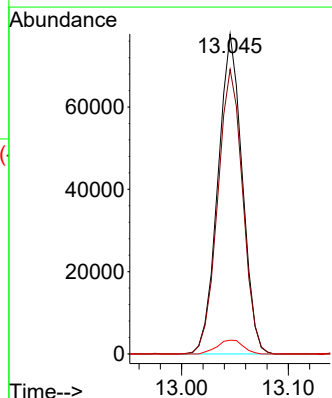
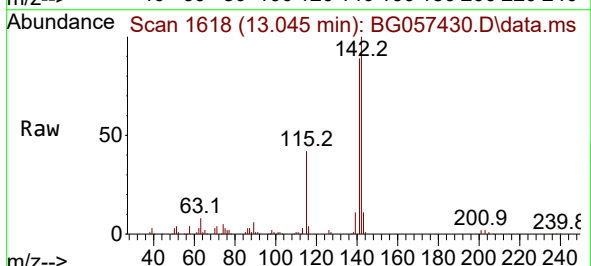
Tgt Ion:142 Resp: 122695

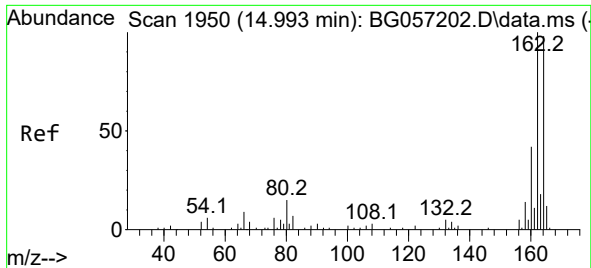
Ion Ratio Lower Upper

142 100

141 89.0 72.5 108.7

116 4.3 3.7 5.5

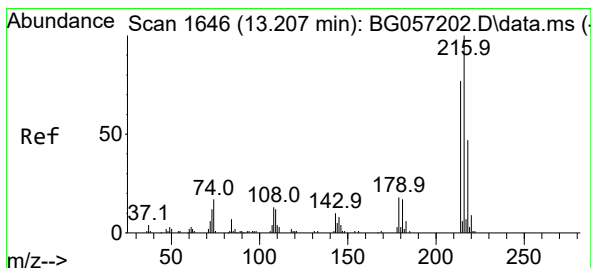
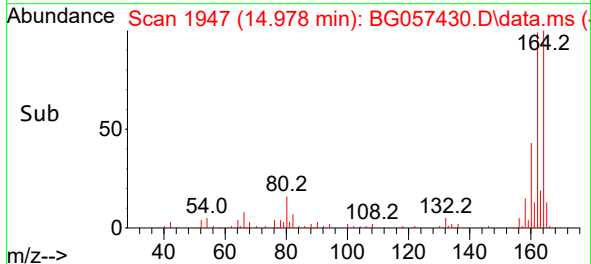
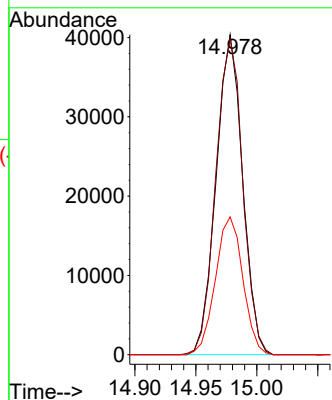
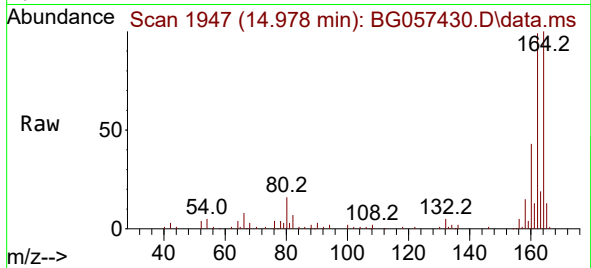




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.978 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

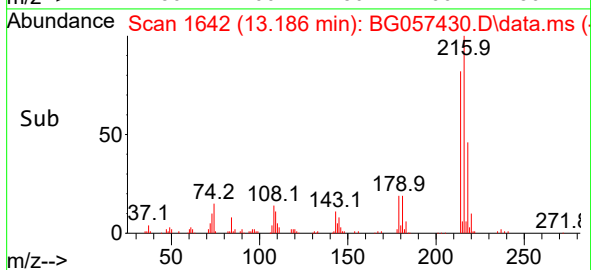
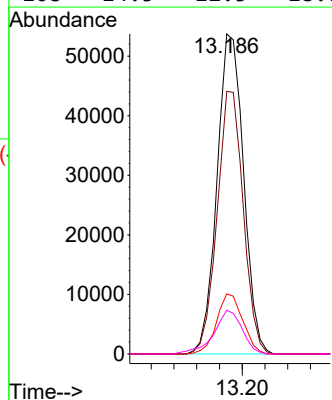
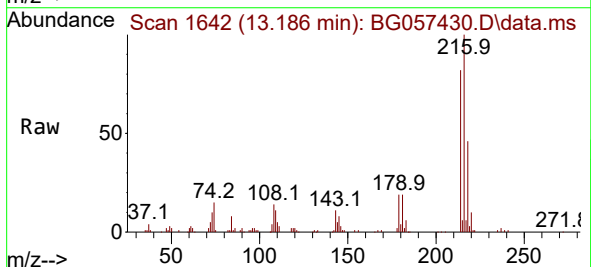
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

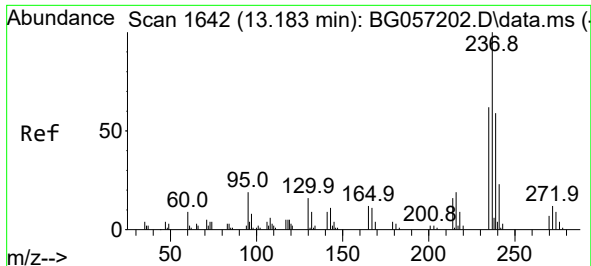
Tgt Ion:164 Resp: 60917
Ion Ratio Lower Upper
164 100
162 98.7 81.8 122.6
160 43.1 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.332 ng
RT: 13.186 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:216 Resp: 87222
Ion Ratio Lower Upper
216 100
214 80.6 63.7 95.5
179 18.4 14.6 22.0
108 14.5 12.5 18.7

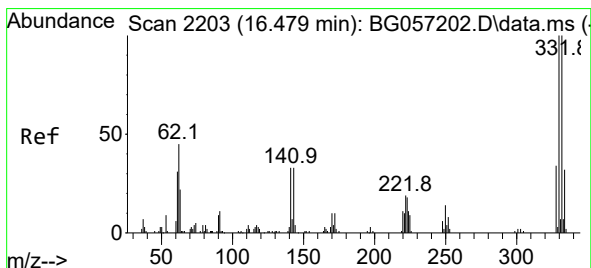
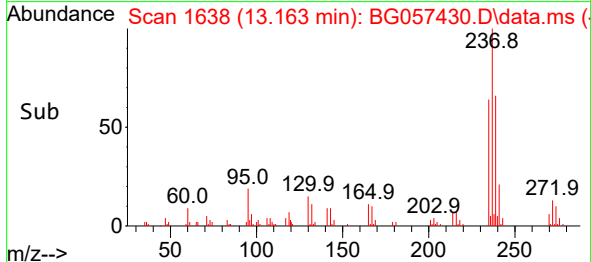
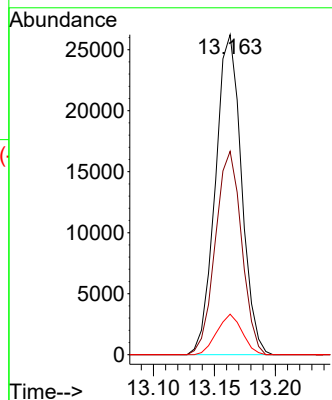
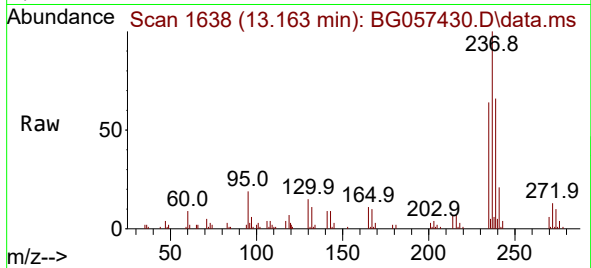




#41
Hexachlorocyclopentadiene
Concen: 40.939 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

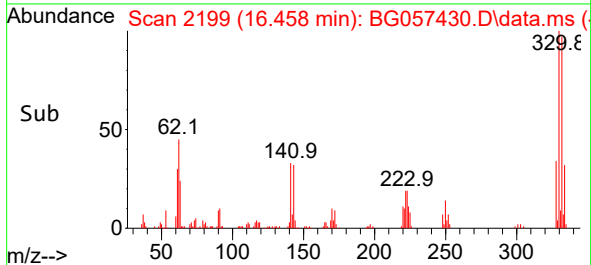
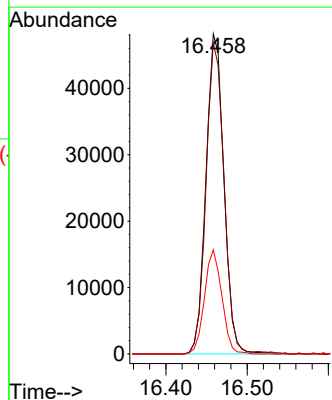
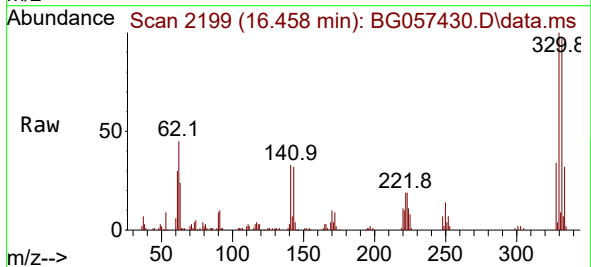
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

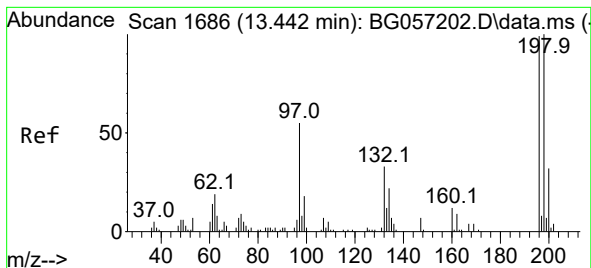
Tgt Ion:	237	Resp:	39088
Ion Ratio	Lower	Upper	
237	100		
235	63.6	42.0	82.0
272	12.6	0.0	31.5



#42
2,4,6-Tribromophenol
Concen: 85.341 ng
RT: 16.458 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:	330	Resp:	73764
Ion Ratio	Lower	Upper	
330	100		
332	97.9	78.2	117.2
141	31.5	27.8	41.8





#43

2,4,6-Trichlorophenol

Concen: 41.108 ng

RT: 13.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

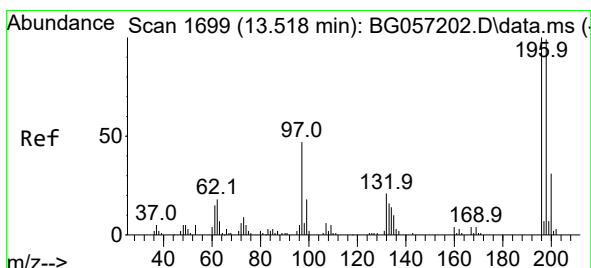
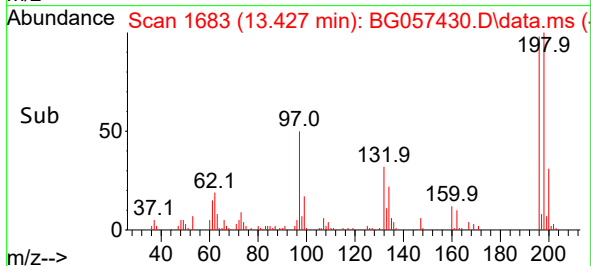
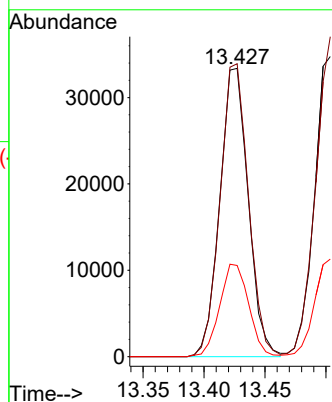
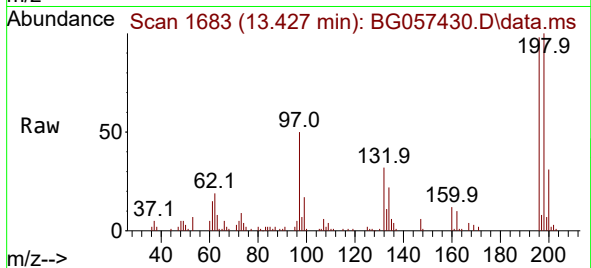
Tgt Ion:196 Resp: 54161

Ion Ratio Lower Upper

196 100

198 101.6 81.2 121.8

200 31.7 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 40.907 ng

RT: 13.504 min Scan# 1696

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Tgt Ion:196 Resp: 63398

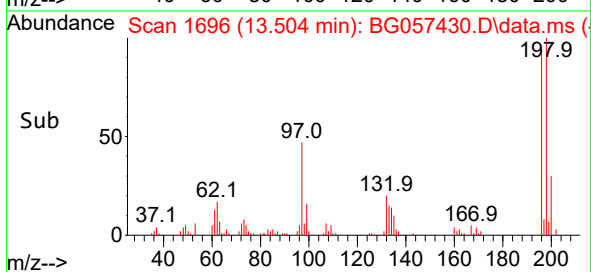
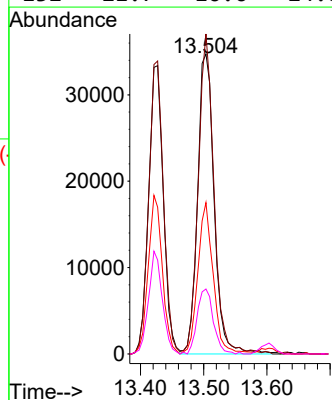
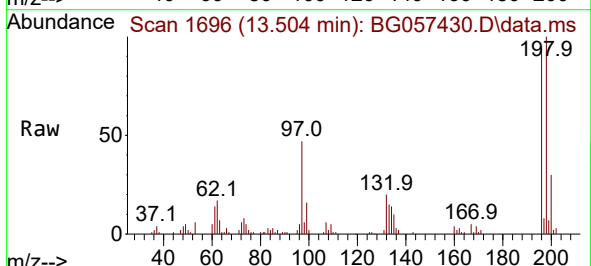
Ion Ratio Lower Upper

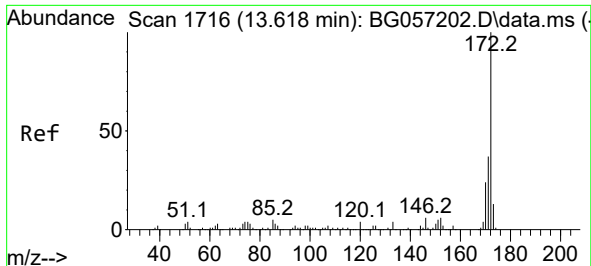
196 100

198 106.6 79.4 119.2

97 50.4 37.0 55.4

132 21.7 16.6 24.8





#45

2-Fluorobiphenyl

Concen: 79.475 ng

RT: 13.603 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

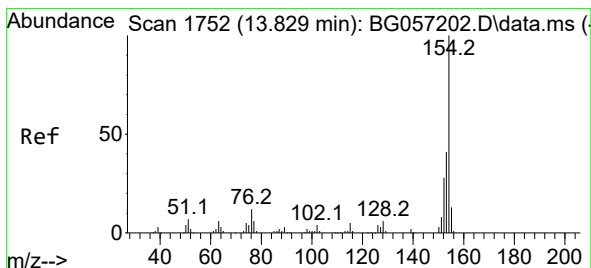
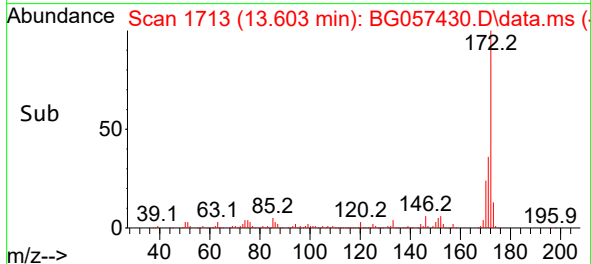
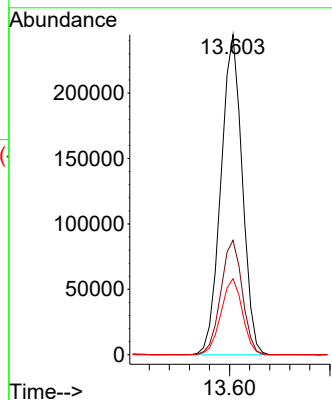
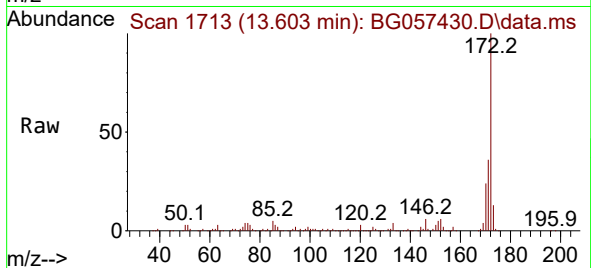
Tgt Ion:172 Resp: 359472

Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.0

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 39.639 ng

RT: 13.815 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

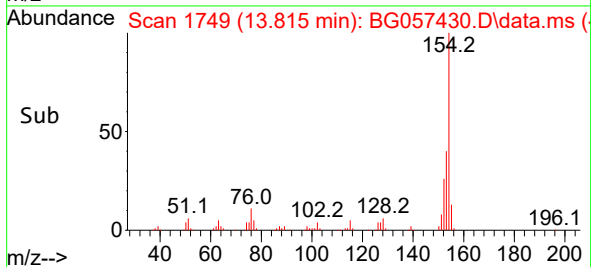
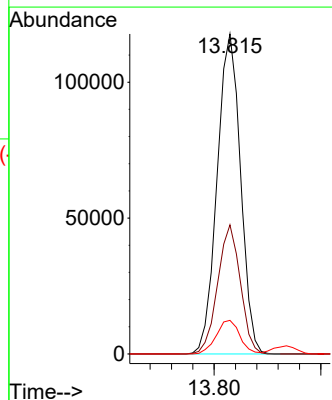
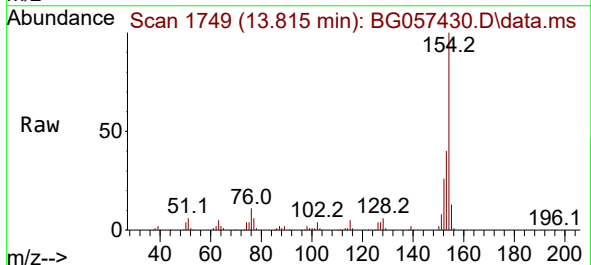
Tgt Ion:154 Resp: 179177

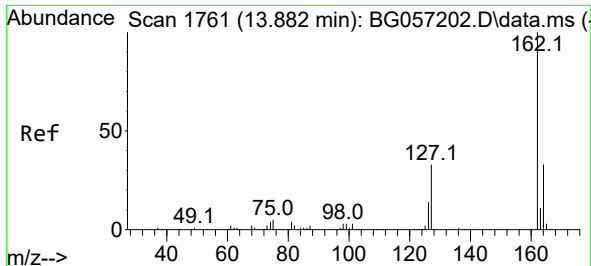
Ion Ratio Lower Upper

154 100

153 40.4 20.9 60.9

76 10.5 0.0 31.7





#47

2-Chloronaphthalene

Concen: 39.560 ng

RT: 13.868 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

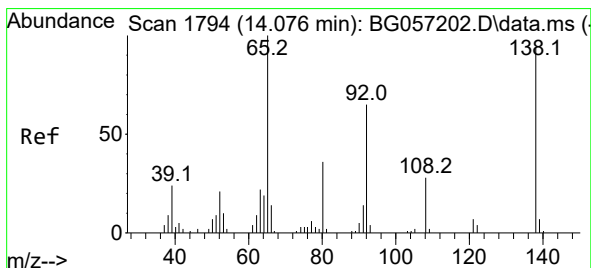
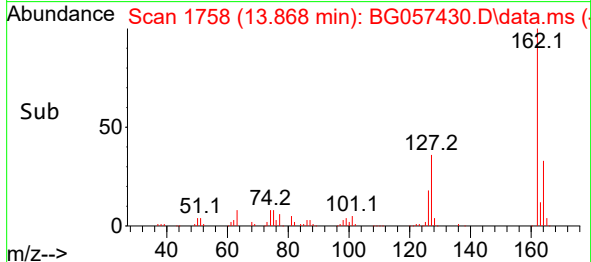
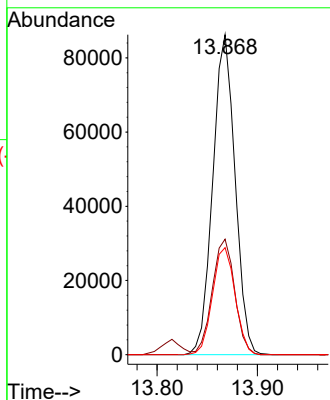
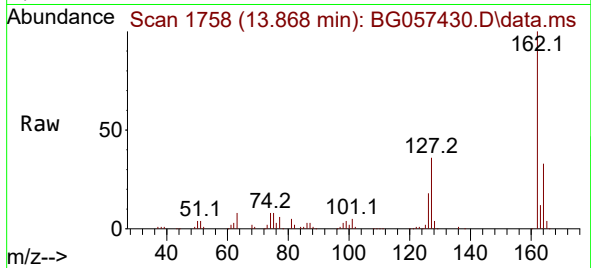
Tgt Ion:162 Resp: 132975

Ion Ratio Lower Upper

162 100

127 36.1 29.8 44.6

164 33.5 26.6 40.0



#48

2-Nitroaniline

Concen: 39.861 ng

RT: 14.062 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

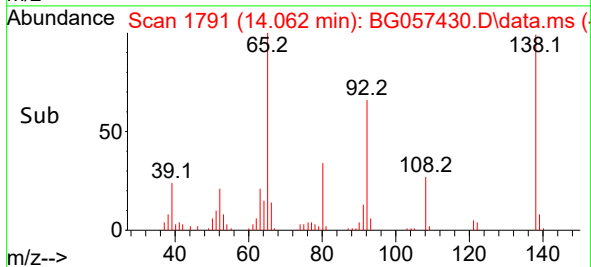
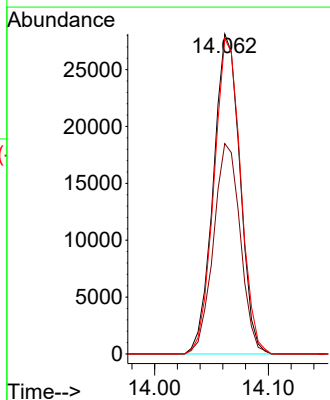
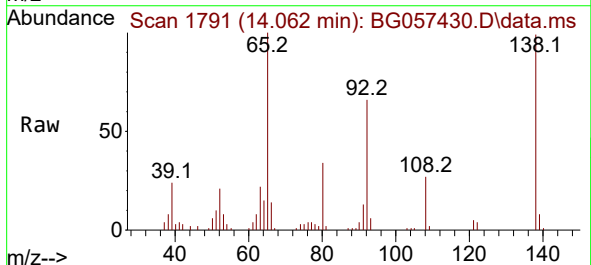
Tgt Ion: 65 Resp: 45558

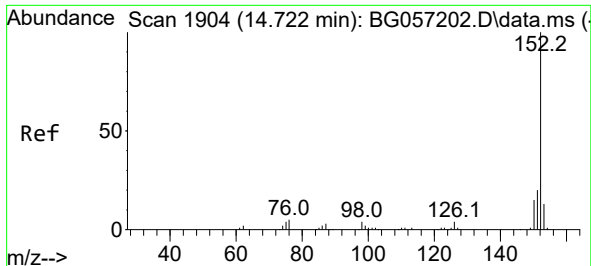
Ion Ratio Lower Upper

65 100

92 65.7 52.1 78.1

138 98.6 75.3 112.9

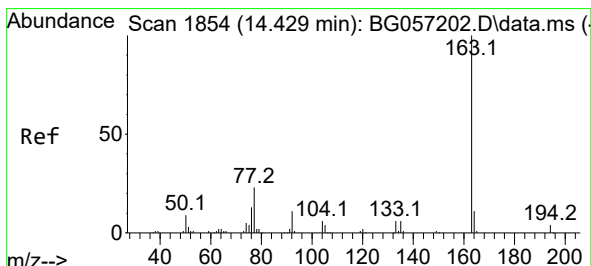
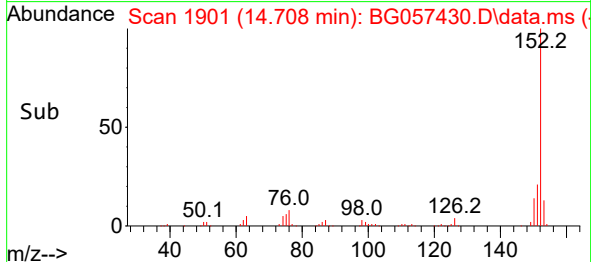
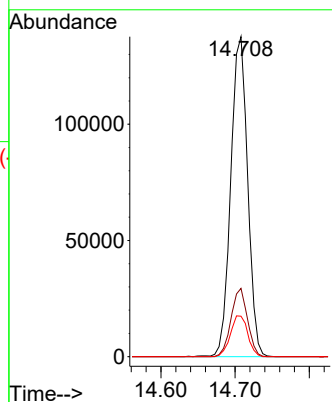
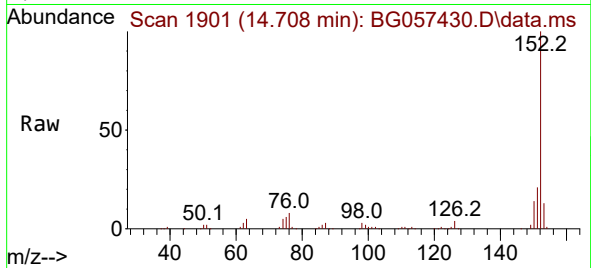




#49
Acenaphthylene
Concen: 39.871 ng
RT: 14.708 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

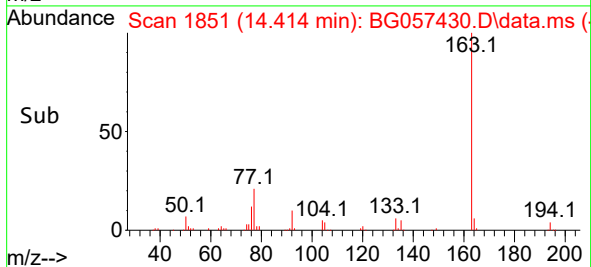
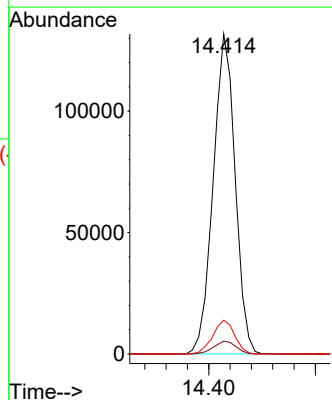
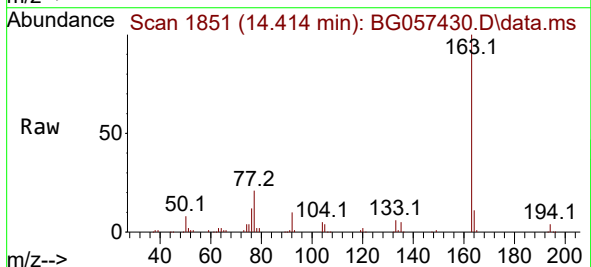
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

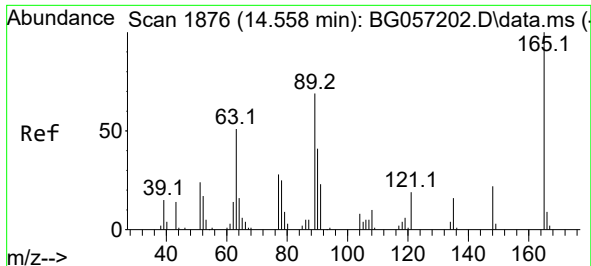
Tgt Ion:152 Resp: 217736
Ion Ratio Lower Upper
152 100
151 21.4 16.0 24.0
153 12.7 10.7 16.1



#50
Dimethylphthalate
Concen: 37.480 ng
RT: 14.414 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:163 Resp: 187623
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.6 8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 41.738 ng

RT: 14.543 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

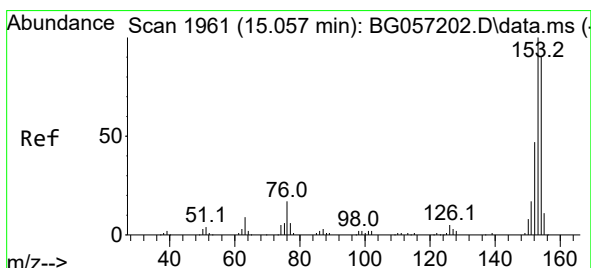
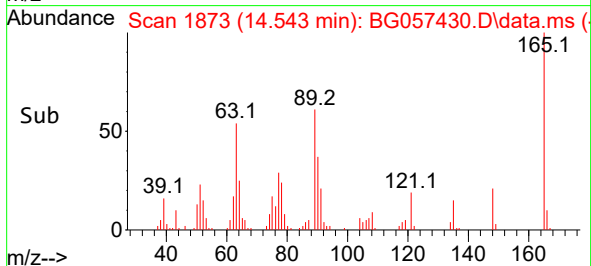
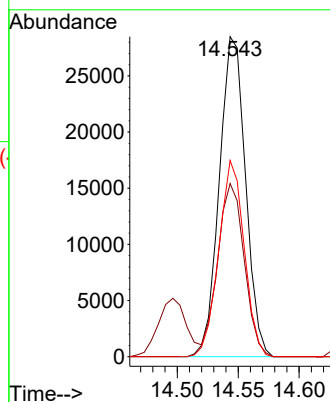
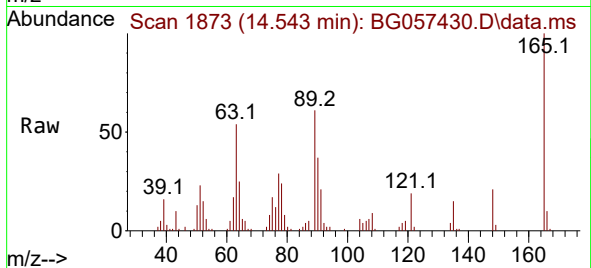
Tgt Ion:165 Resp: 42659

Ion Ratio Lower Upper

165 100

63 54.1 50.9 76.3

89 61.3 55.2 82.8



#52

Acenaphthene

Concen: 39.029 ng

RT: 15.043 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

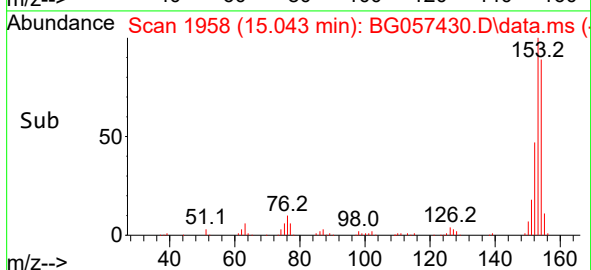
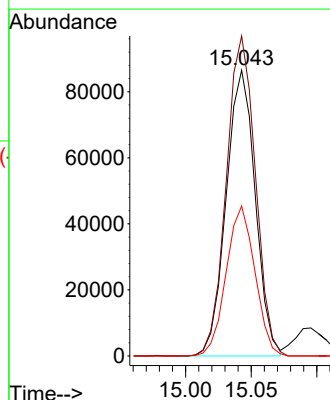
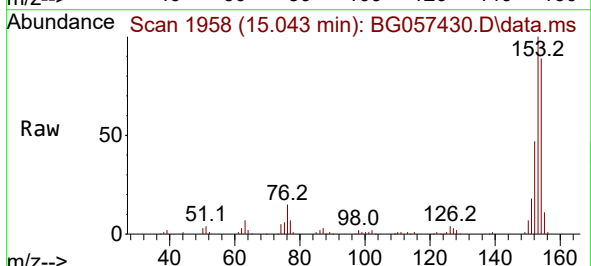
Tgt Ion:154 Resp: 133184

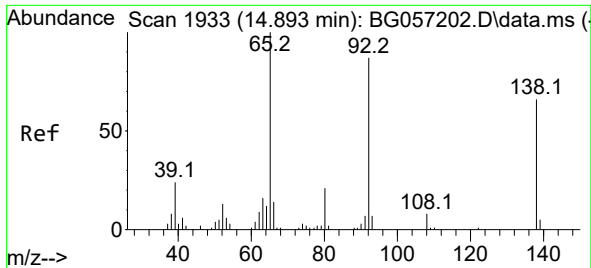
Ion Ratio Lower Upper

154 100

153 112.0 89.3 133.9

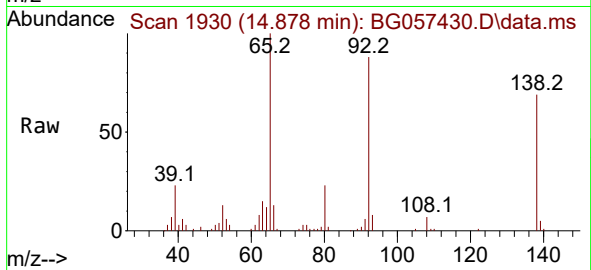
152 52.5 41.7 62.5



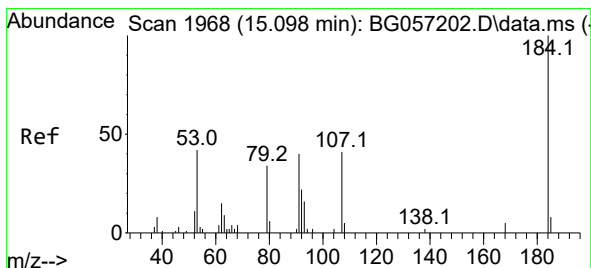
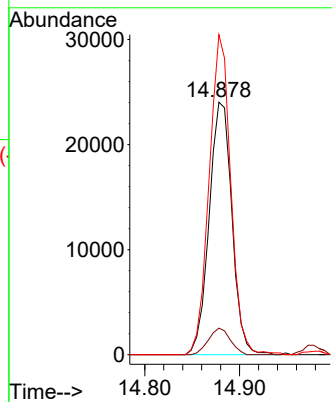
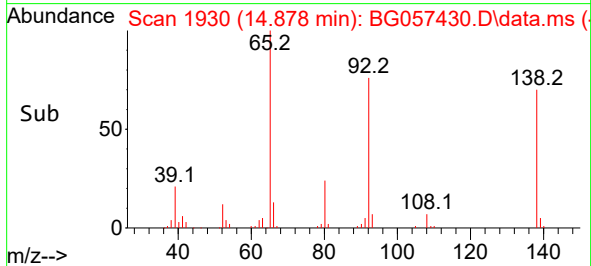


#53
3-Nitroaniline
Concen: 39.161 ng
RT: 14.878 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

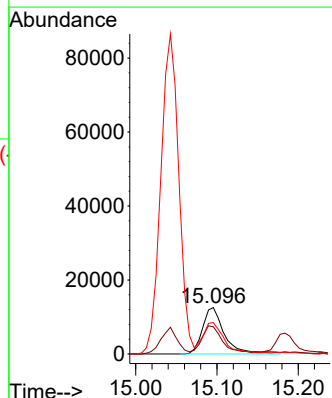
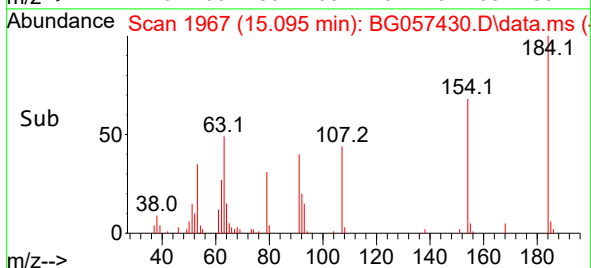
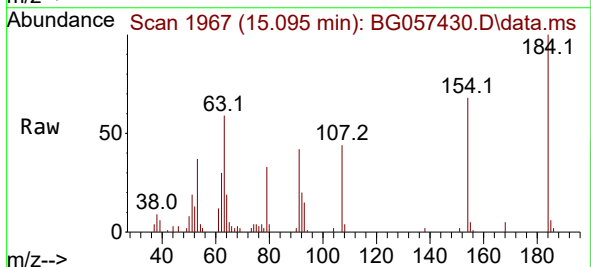


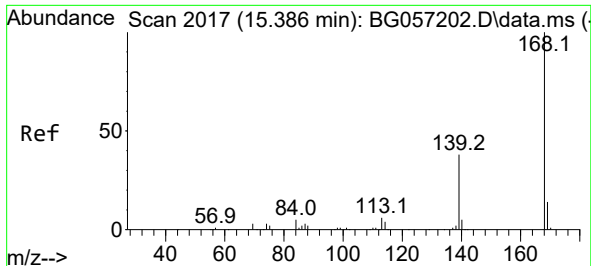
Tgt Ion:138 Resp: 40098
Ion Ratio Lower Upper
138 100
108 10.5 9.5 14.3
92 126.7 106.2 159.4



#54
2,4-Dinitrophenol
Concen: 40.047 ng
RT: 15.095 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:184 Resp: 23692
Ion Ratio Lower Upper
184 100
63 58.6 48.2 72.4
154 67.8 55.4 83.2

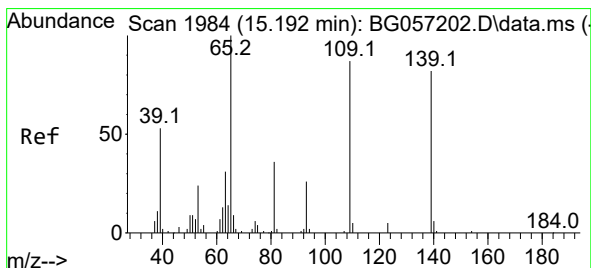
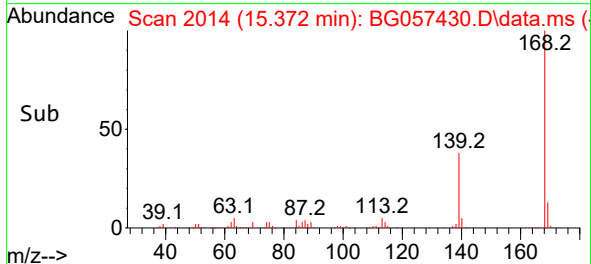
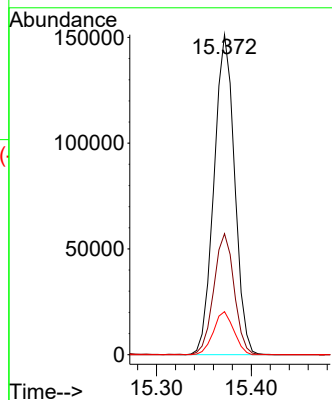
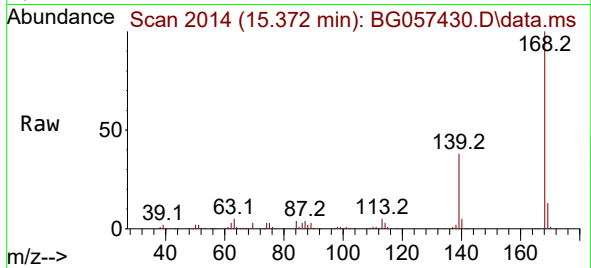




#55
Dibenzofuran
Concen: 39.745 ng
RT: 15.372 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

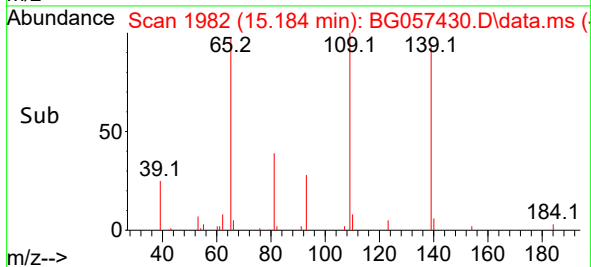
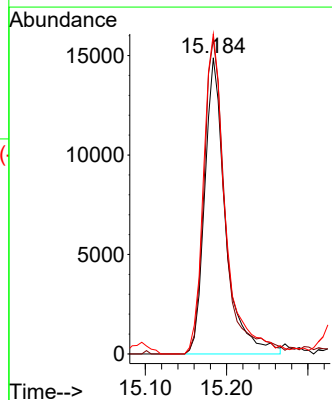
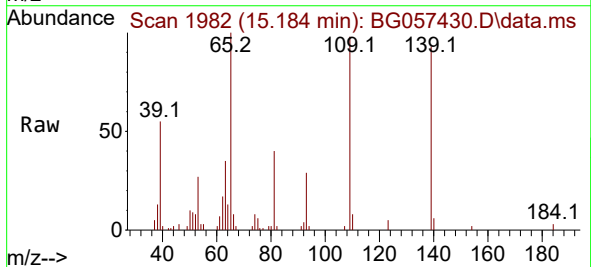
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

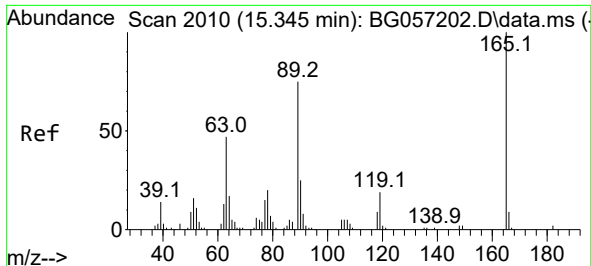
Tgt Ion:168 Resp: 227881
Ion Ratio Lower Upper
168 100
139 37.8 30.7 46.1
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 38.854 ng
RT: 15.184 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:139 Resp: 26460
Ion Ratio Lower Upper
139 100
109 106.3 86.6 126.6
65 108.1 102.6 142.6





#57

2,4-Dinitrotoluene

Concen: 40.710 ng

RT: 15.330 min Scan# 20

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 59465

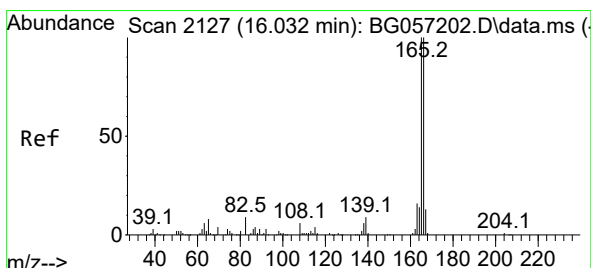
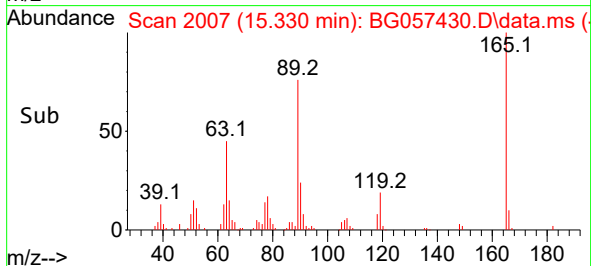
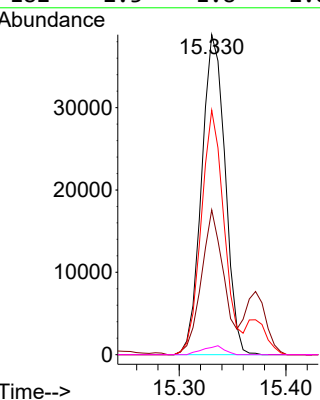
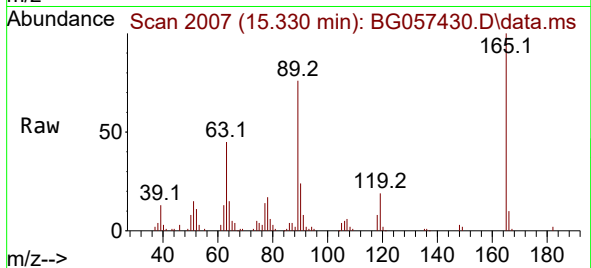
Ion Ratio Lower Upper

165 100

63 45.3 37.5 56.3

89 76.4 60.2 90.4

182 2.3 1.8 2.8



#58

Fluorene

Concen: 39.503 ng

RT: 16.018 min Scan# 2124

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

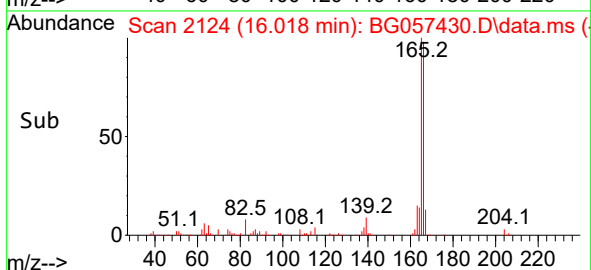
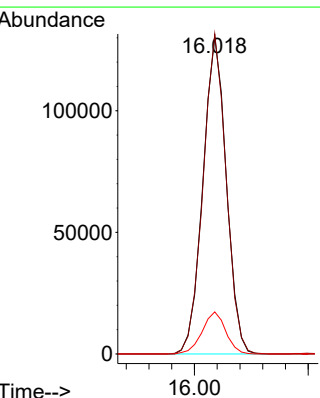
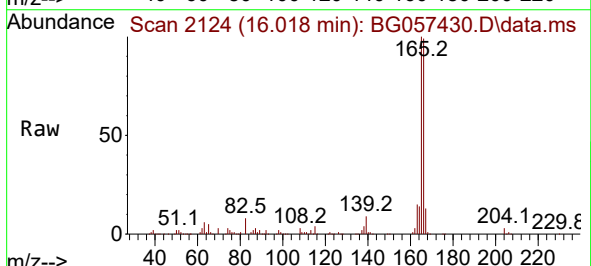
Tgt Ion:166 Resp: 186559

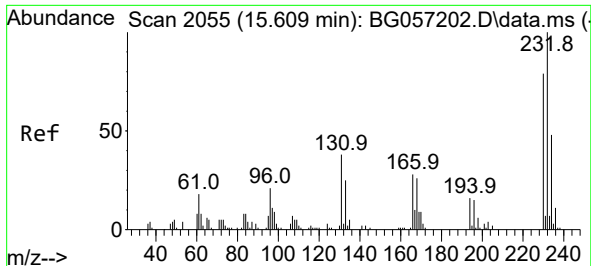
Ion Ratio Lower Upper

166 100

165 100.9 80.1 120.1

167 13.3 10.2 15.2

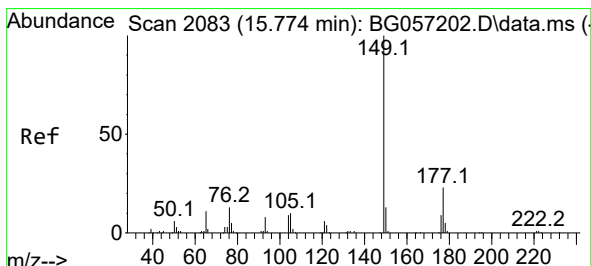
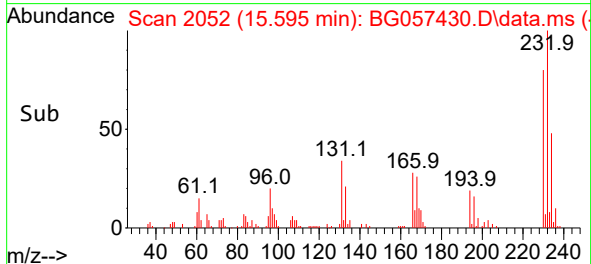
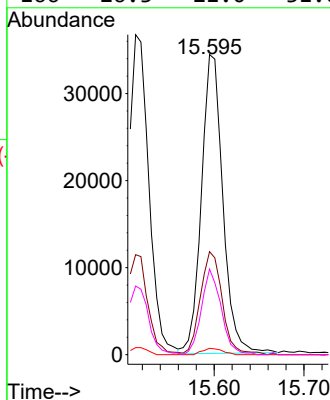
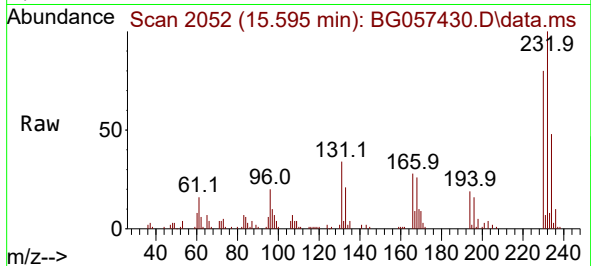




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.536 ng
RT: 15.595 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

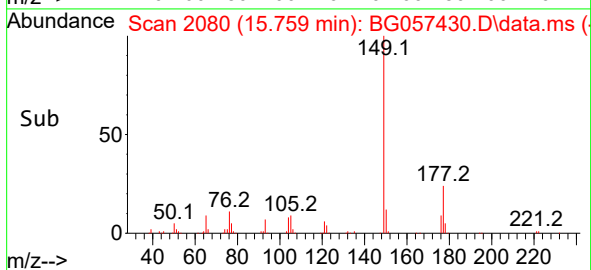
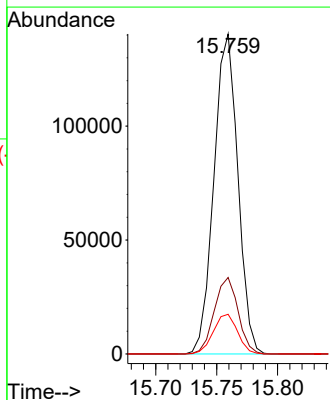
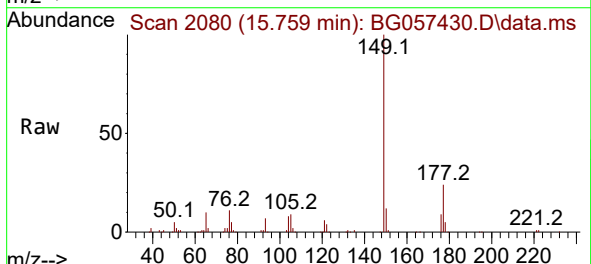
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

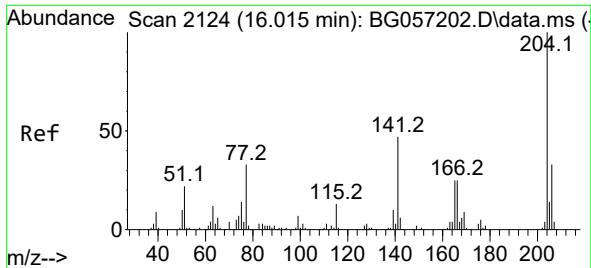
Tgt Ion:232 Resp: 56956
Ion Ratio Lower Upper
232 100
131 35.2 28.6 42.8
130 2.0 1.6 2.4
166 26.3 21.0 31.6



#60
Diethylphthalate
Concen: 37.713 ng
RT: 15.759 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:149 Resp: 191721
Ion Ratio Lower Upper
149 100
177 23.9 18.3 27.5
150 12.4 10.1 15.1

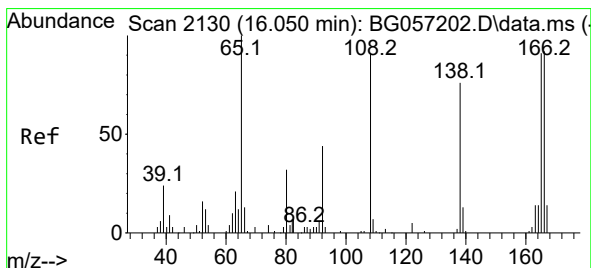
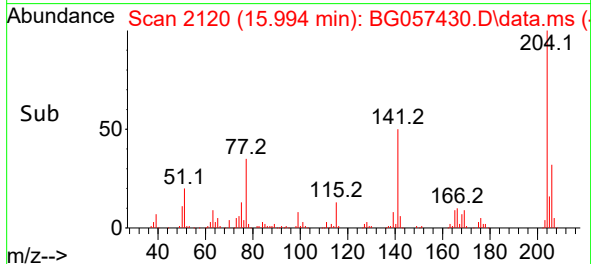
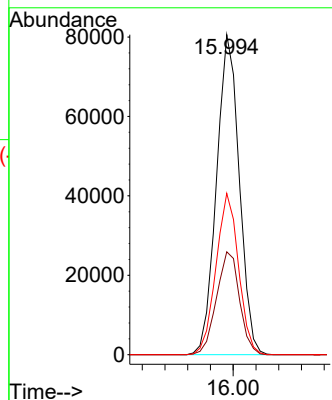
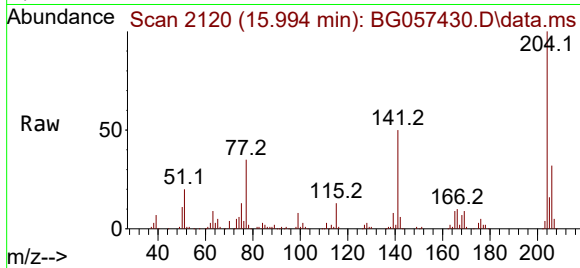




#61
4-Chlorophenyl-phenylether
Concen: 39.330 ng
RT: 15.994 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

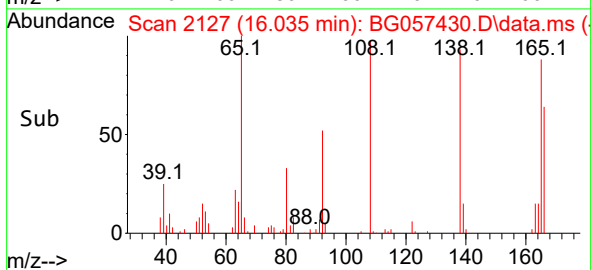
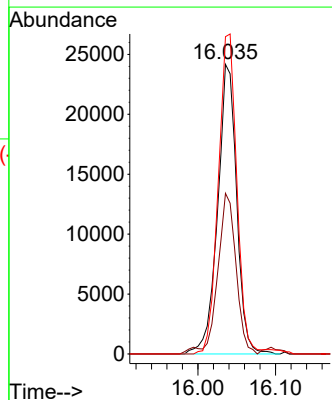
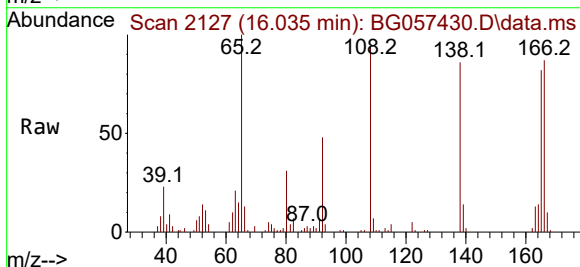
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

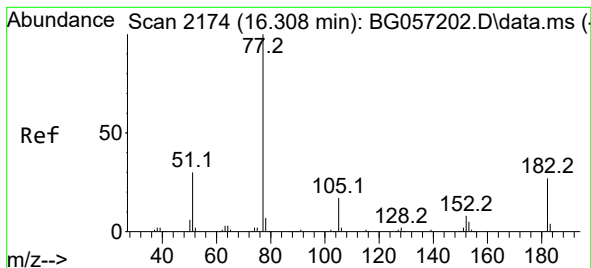
Tgt Ion:204 Resp: 111898
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 50.4 37.4 56.0



#62
4-Nitroaniline
Concen: 39.937 ng
RT: 16.035 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:138 Resp: 41254
Ion Ratio Lower Upper
138 100
92 55.5 38.2 78.2
108 109.6 99.6 139.6





#63

Azobenzene

Concen: 35.780 ng

RT: 16.288 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 175503

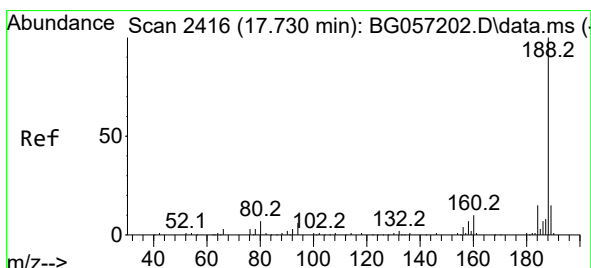
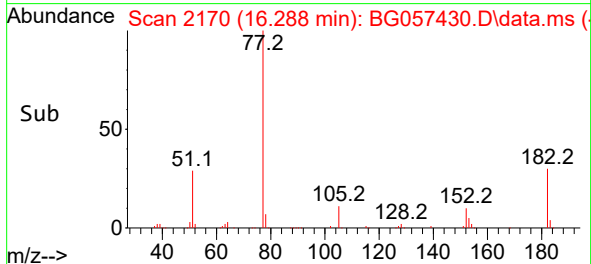
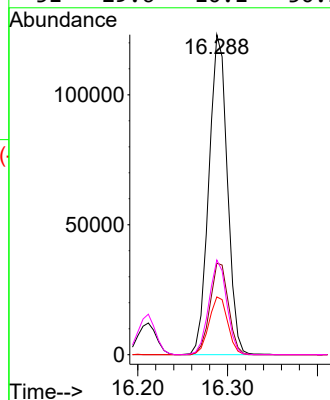
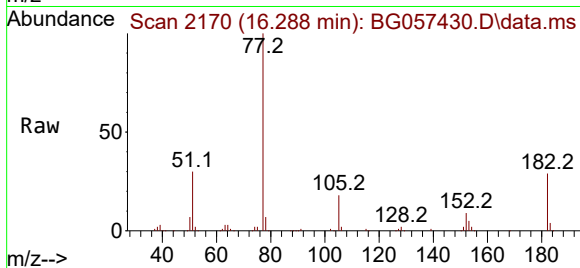
Ion Ratio Lower Upper

77 100

182 28.6 7.4 47.4

105 18.1 0.0 37.2

51 29.6 10.1 50.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.715 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

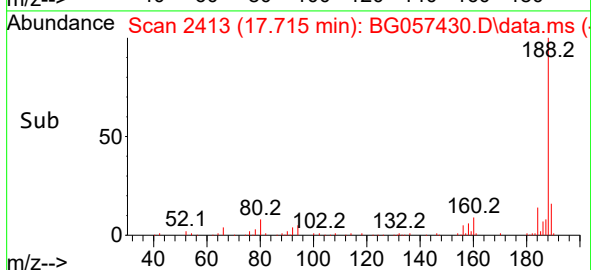
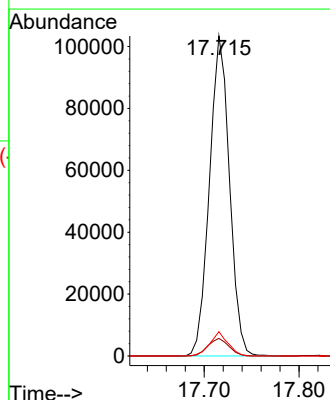
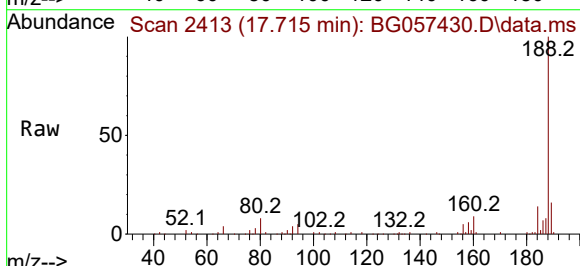
Tgt Ion:188 Resp: 151813

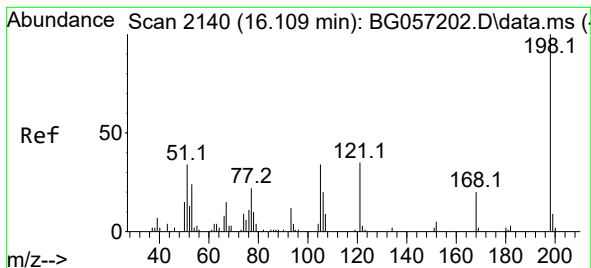
Ion Ratio Lower Upper

188 100

94 5.5 5.1 7.7

80 7.6 5.7 8.5

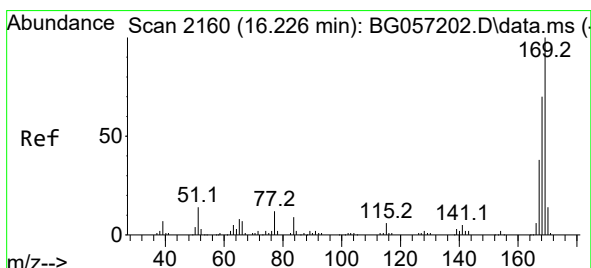
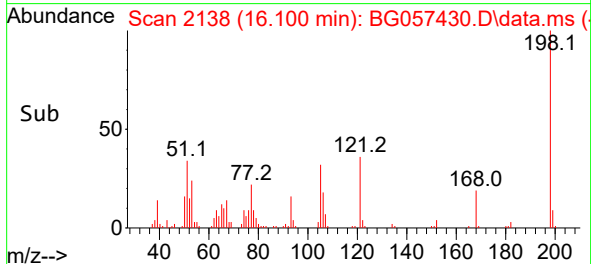
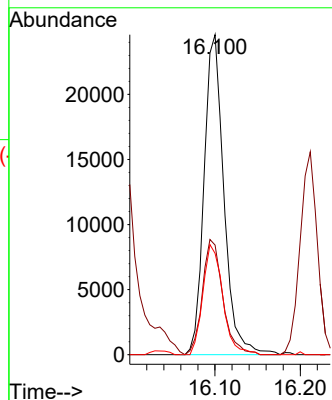
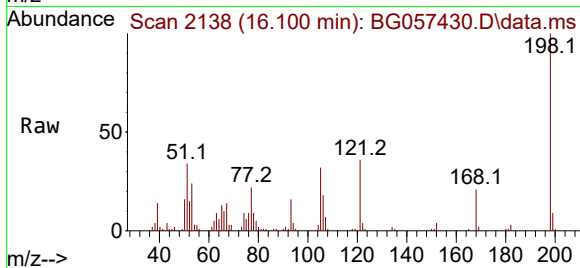




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.816 ng
 RT: 16.100 min Scan# 2140
 Delta R.T. 0.000 min
 Lab File: BG057430.D
 Acq: 13 May 2023 6:49

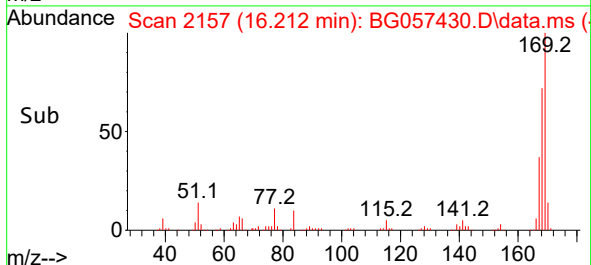
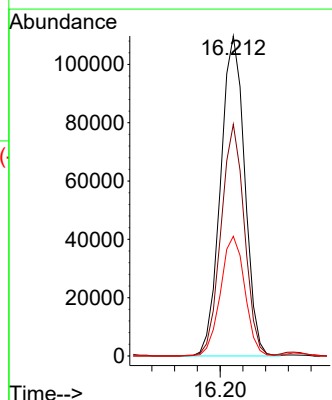
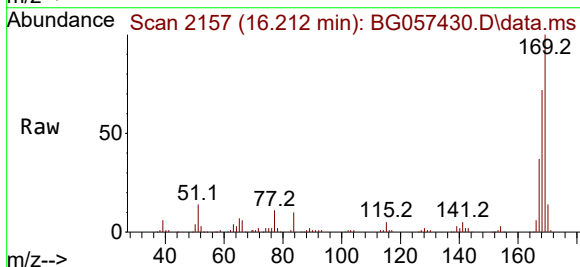
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

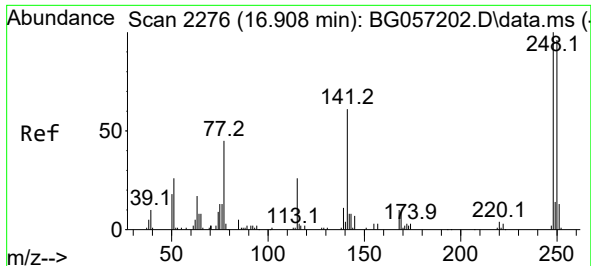
Tgt Ion:198 Resp: 39714
 Ion Ratio Lower Upper
 198 100
 51 34.3 16.1 56.1
 105 31.6 14.0 54.0



#66
 n-Nitrosodiphenylamine
 Concen: 39.275 ng
 RT: 16.212 min Scan# 2157
 Delta R.T. 0.000 min
 Lab File: BG057430.D
 Acq: 13 May 2023 6:49

Tgt Ion:169 Resp: 161940
 Ion Ratio Lower Upper
 169 100
 168 72.4 56.2 84.4
 167 37.4 30.2 45.4

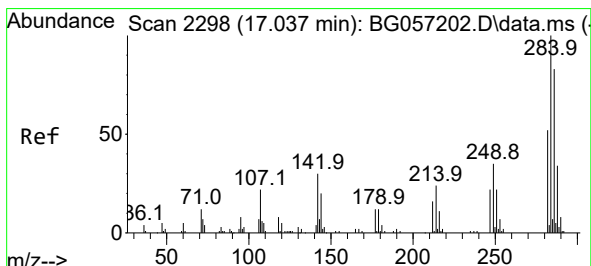
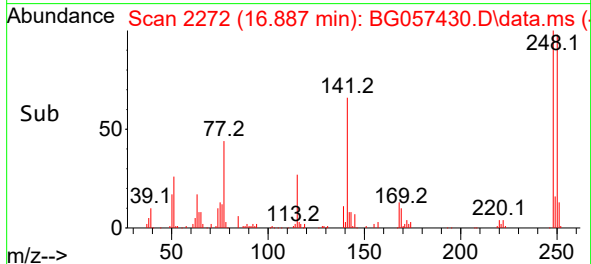
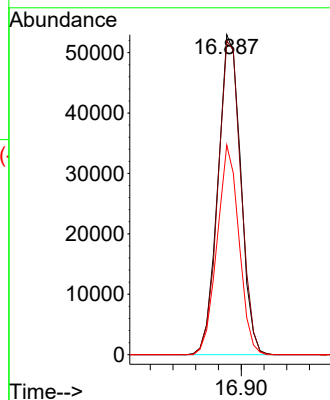
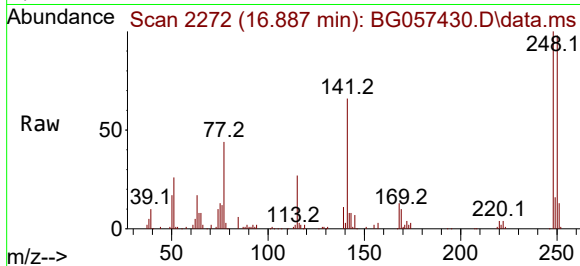




#67
4-Bromophenyl-phenylether
Concen: 39.792 ng
RT: 16.887 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

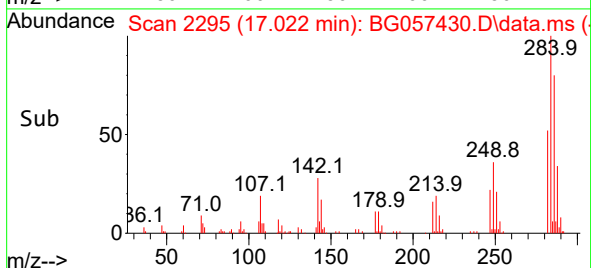
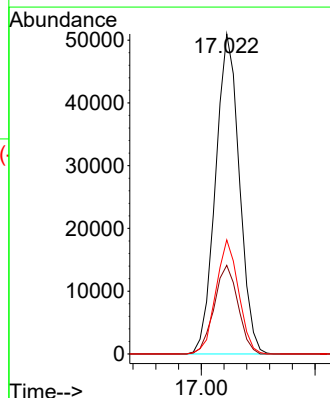
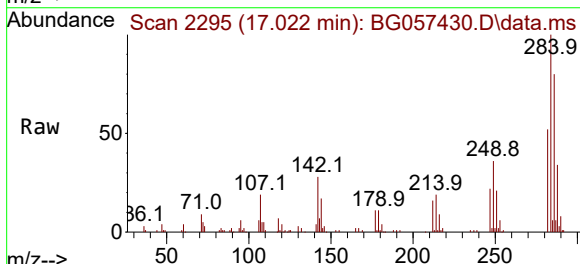
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

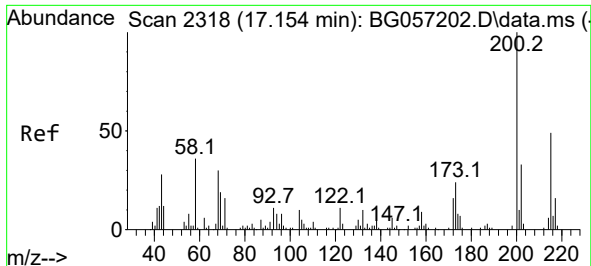
Tgt Ion:248 Resp: 73744
Ion Ratio Lower Upper
248 100
250 98.1 77.0 115.6
141 65.5 48.6 72.8



#68
Hexachlorobenzene
Concen: 41.161 ng
RT: 17.022 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:284 Resp: 74128
Ion Ratio Lower Upper
284 100
142 27.7 23.9 35.9
249 35.6 27.7 41.5

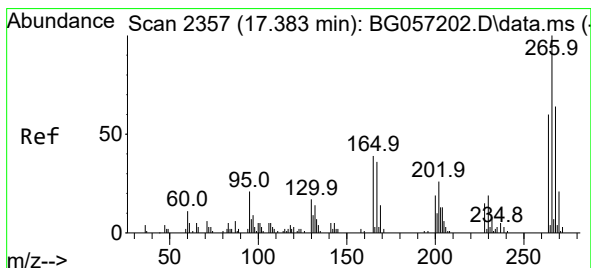
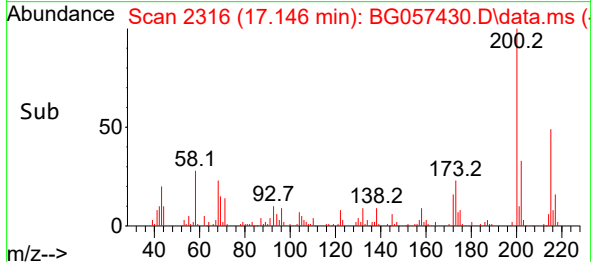
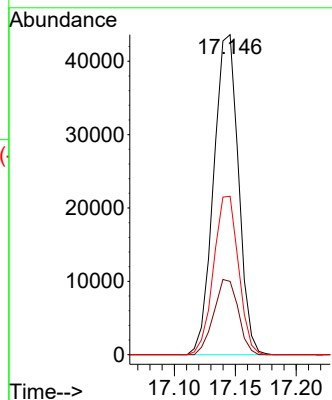
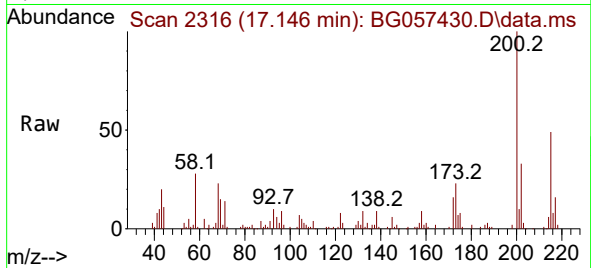




#69
 Atrazine
 Concen: 39.214 ng
 RT: 17.146 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057430.D
 Acq: 13 May 2023 6:49

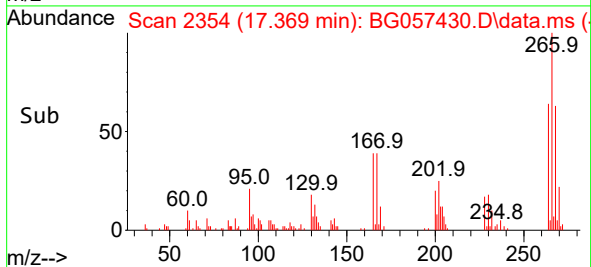
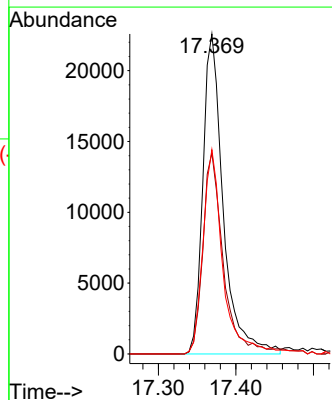
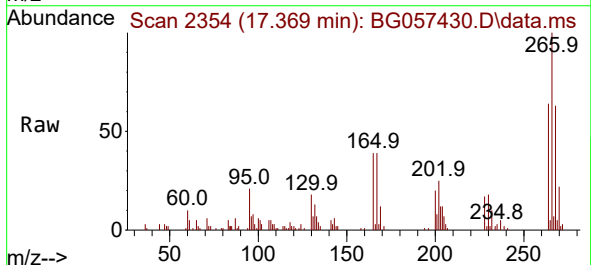
Instrument :
 BNA_G
 ClientSampleId :
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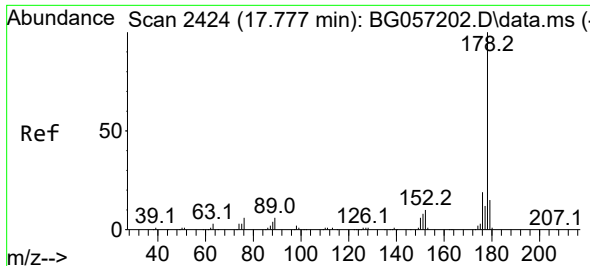
Tgt Ion:200 Resp: 61679
 Ion Ratio Lower Upper
 200 100
 173 22.9 4.3 44.3
 215 49.5 29.3 69.3



#70
 Pentachlorophenol
 Concen: 39.711 ng
 RT: 17.369 min Scan# 2354
 Delta R.T. -0.006 min
 Lab File: BG057430.D
 Acq: 13 May 2023 6:49

Tgt Ion:266 Resp: 41217
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.0 76.6
 264 63.8 47.8 71.6

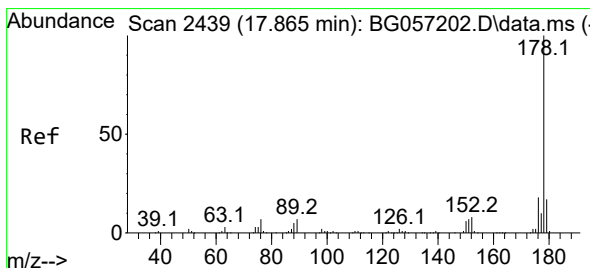
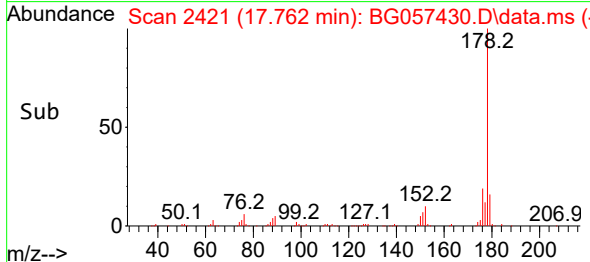
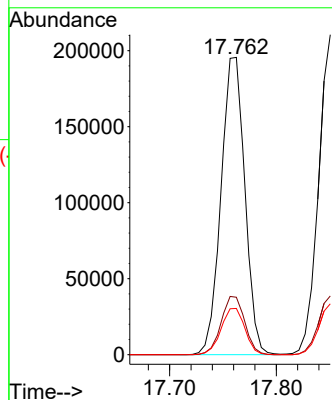
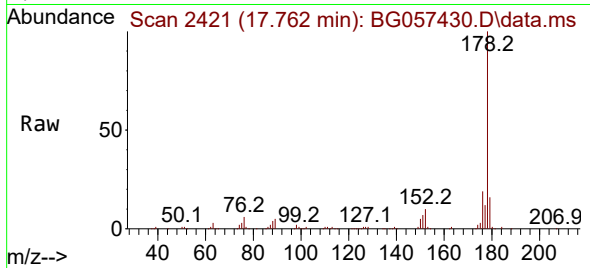




#71
 Phenanthrene
 Concen: 39.041 ng
 RT: 17.762 min Scan# 2421
 Delta R.T. 0.000 min
 Lab File: BG057430.D
 Acq: 13 May 2023 6:49

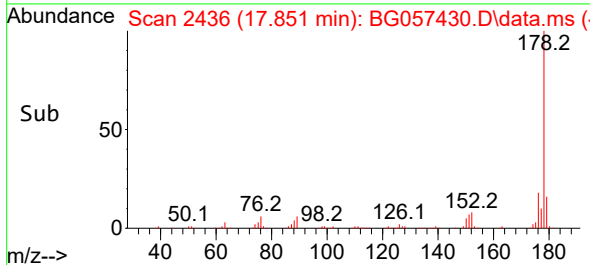
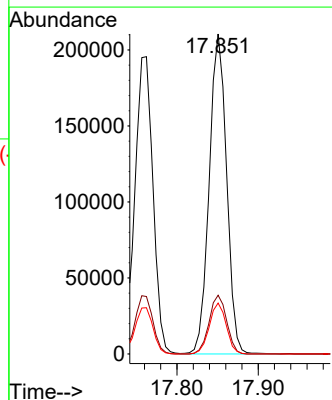
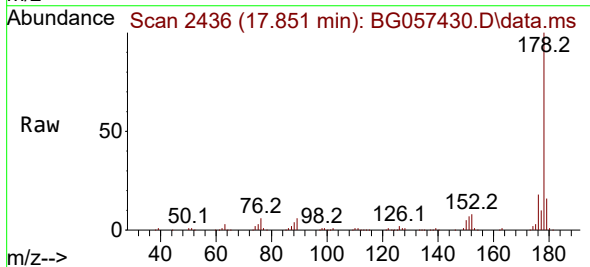
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

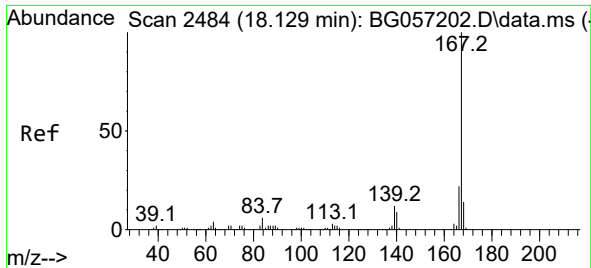
Tgt Ion:178 Resp: 303707
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.3 18.5



#72
 Anthracene
 Concen: 39.260 ng
 RT: 17.851 min Scan# 2436
 Delta R.T. 0.000 min
 Lab File: BG057430.D
 Acq: 13 May 2023 6:49

Tgt Ion:178 Resp: 313380
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.7 22.1
 179 15.9 13.2 19.8

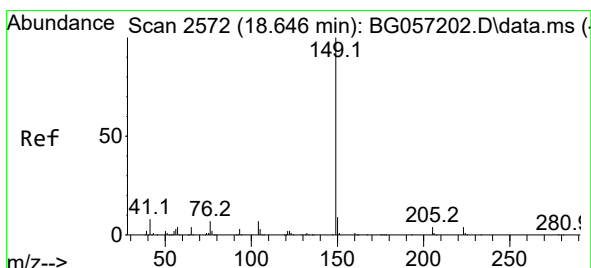
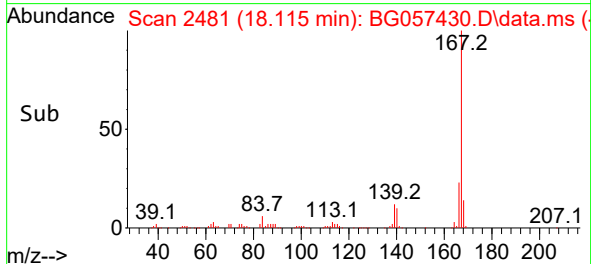
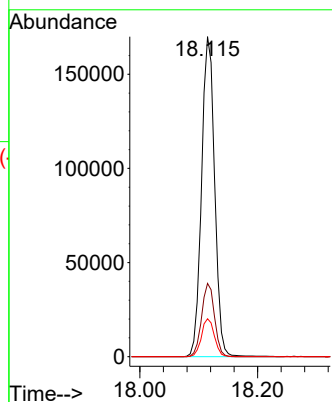
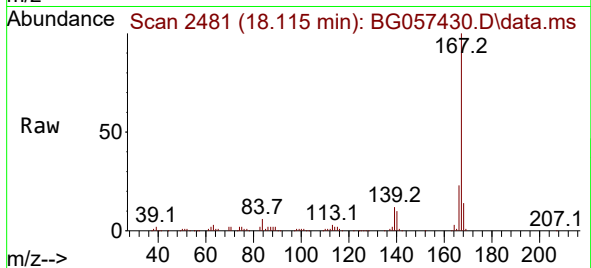




#73
Carbazole
Concen: 38.966 ng
RT: 18.115 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

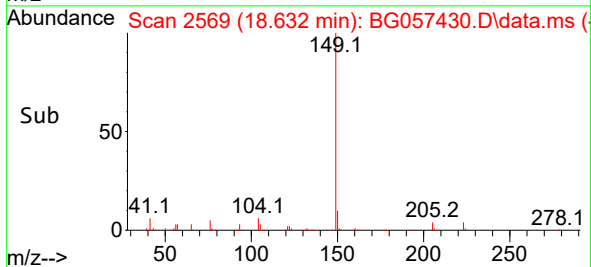
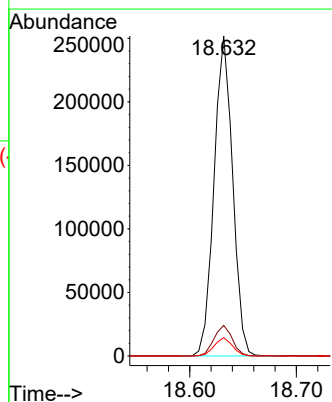
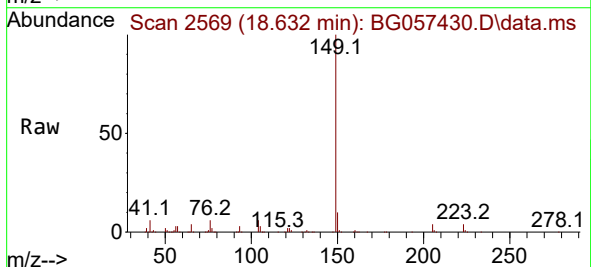
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

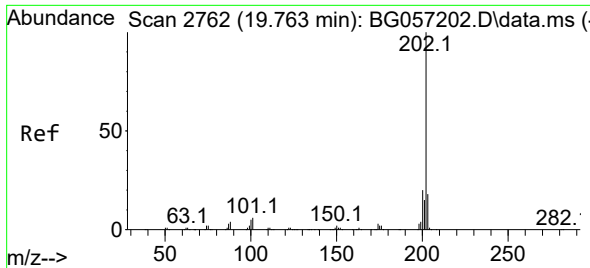
Tgt Ion:167 Resp: 261847
Ion Ratio Lower Upper
167 100
166 22.9 17.4 26.0
139 11.9 9.6 14.4



#74
Di-n-butylphthalate
Concen: 39.303 ng
RT: 18.632 min Scan# 2569
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:149 Resp: 303876
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 5.7 5.4 8.2

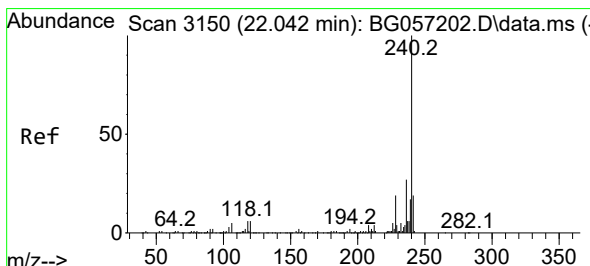
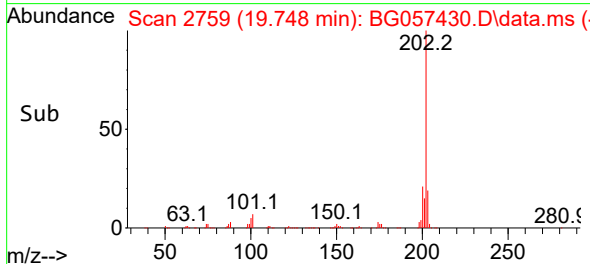
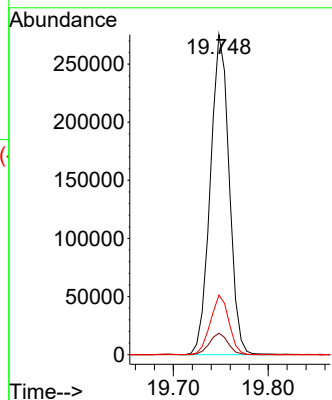
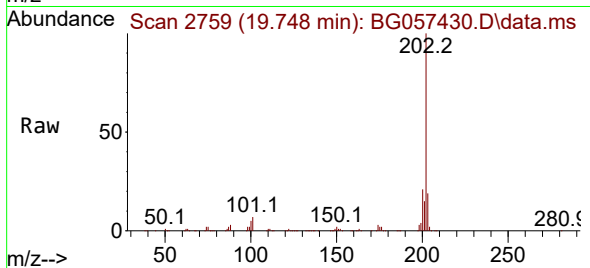




#75
Fluoranthene
Concen: 39.218 ng
RT: 19.748 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

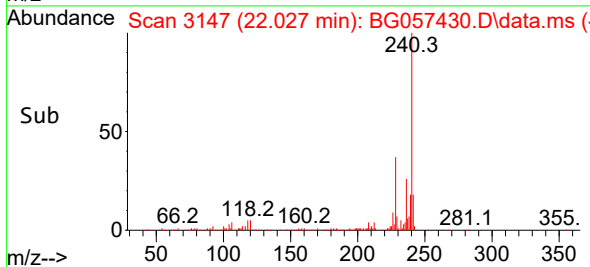
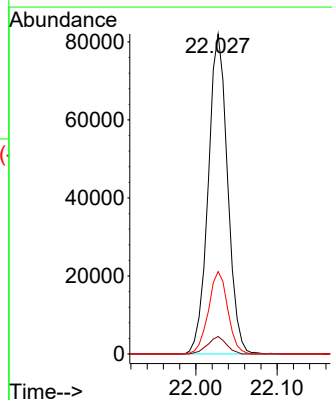
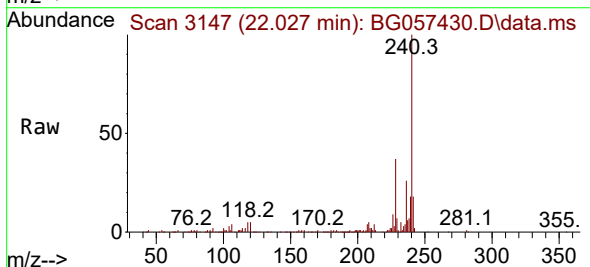
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

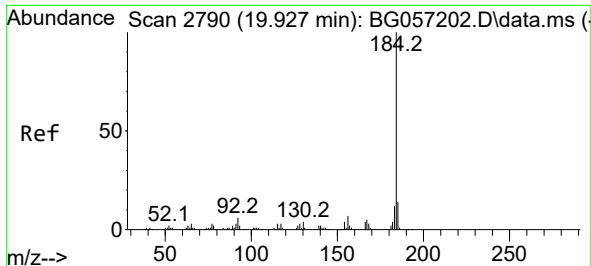
Tgt Ion:202 Resp: 379442
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.2
203 18.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.027 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:240 Resp: 135860
Ion Ratio Lower Upper
240 100
120 5.4 4.9 7.3
236 25.7 21.4 32.2

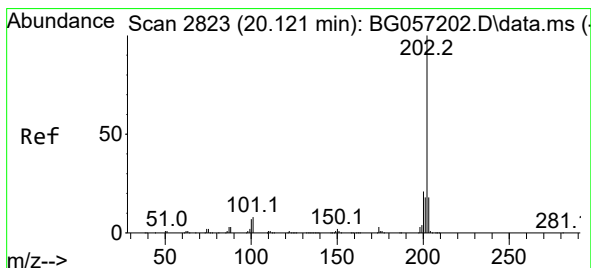
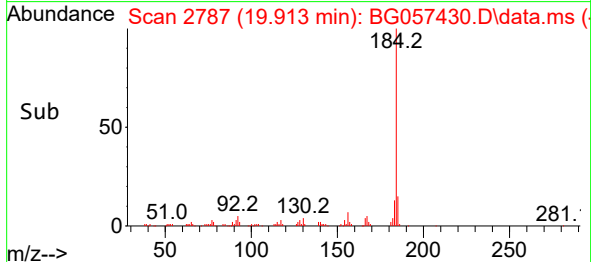
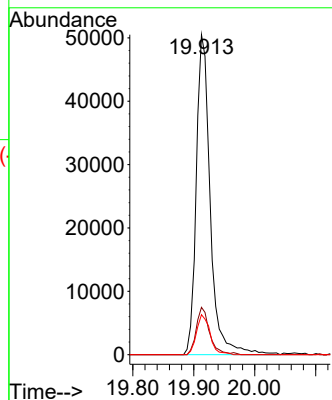
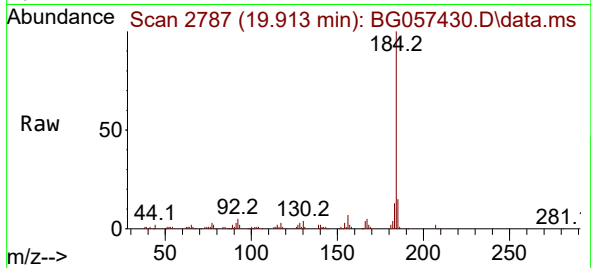




#77
Benzidine
Concen: 26.494 ng
RT: 19.913 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

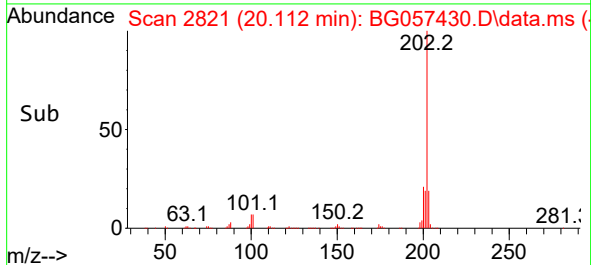
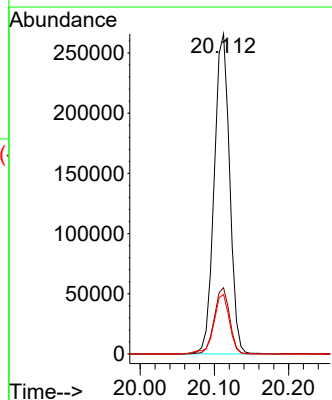
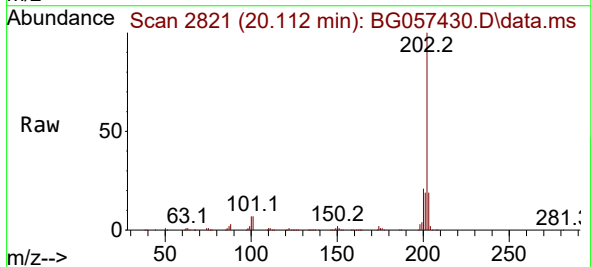
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

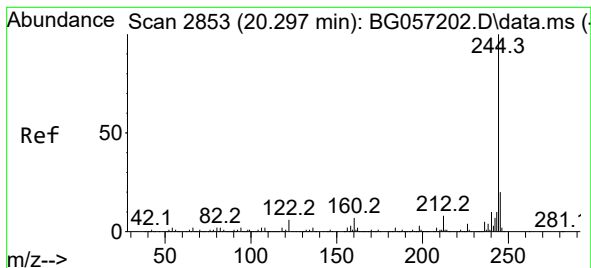
Tgt Ion:184 Resp: 80470
Ion Ratio Lower Upper
184 100
185 14.8 11.1 16.7
183 12.5 9.9 14.9



#78
Pyrene
Concen: 38.882 ng
RT: 20.112 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:202 Resp: 383856
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 18.6 14.2 21.4





#79

Terphenyl-d14

Concen: 76.091 ng

RT: 20.283 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

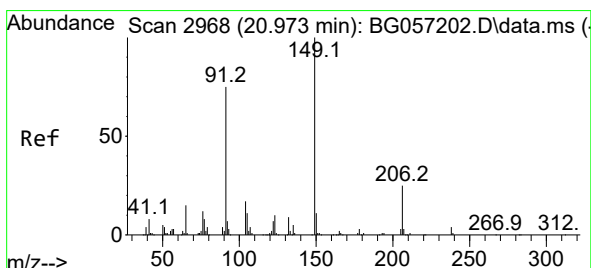
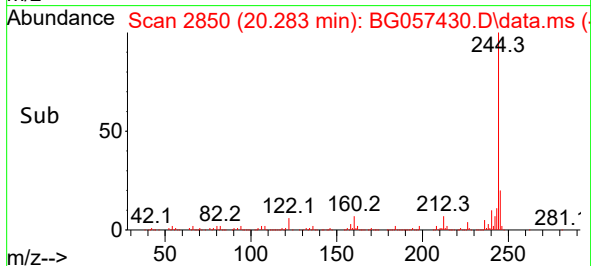
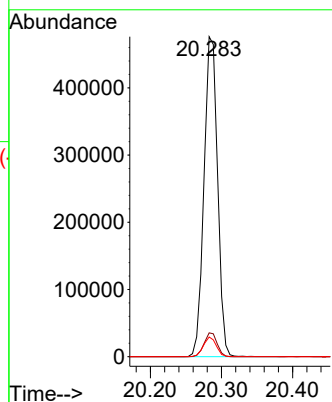
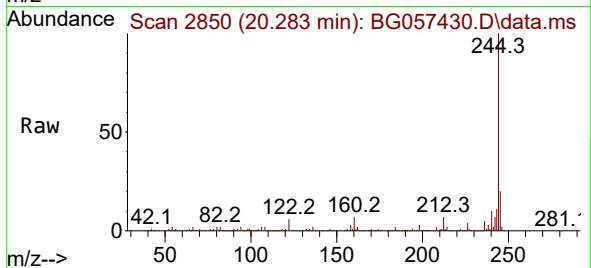
Tgt Ion:244 Resp: 633472

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 6.2 5.1 7.7



#80

Butylbenzylphthalate

Concen: 42.527 ng

RT: 20.958 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

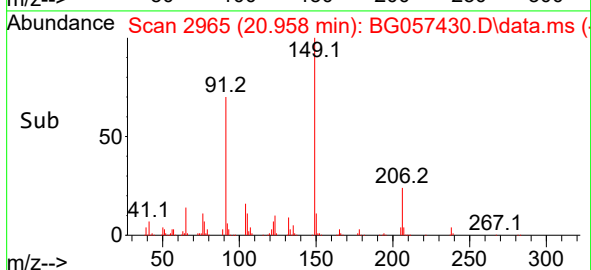
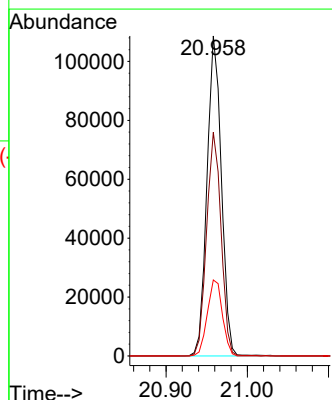
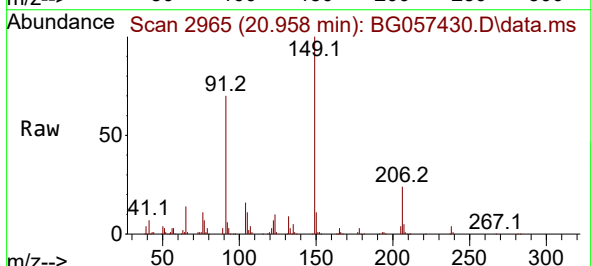
Tgt Ion:149 Resp: 133213

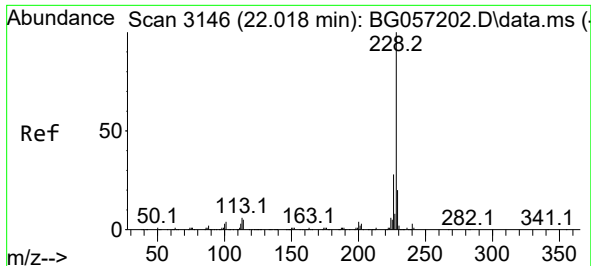
Ion Ratio Lower Upper

149 100

91 69.9 59.7 89.5

206 23.8 19.7 29.5

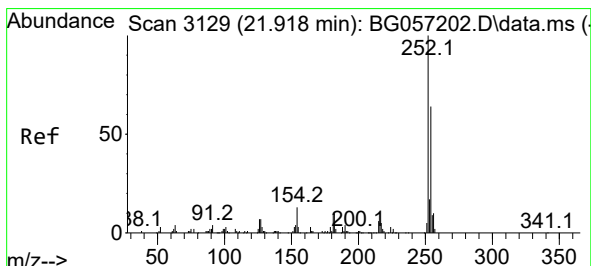
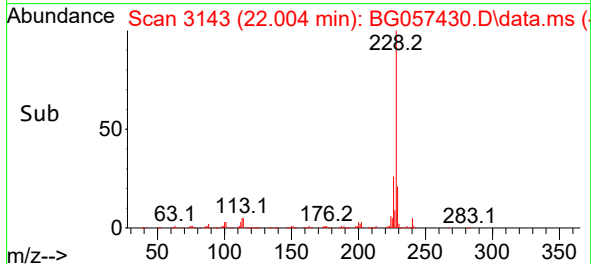
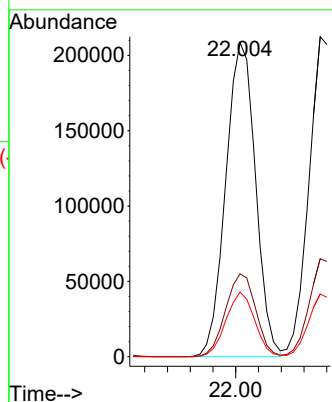
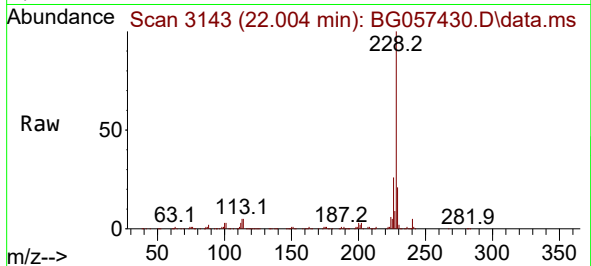




#81
Benzo(a)anthracene
Concen: 39.170 ng
RT: 22.004 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

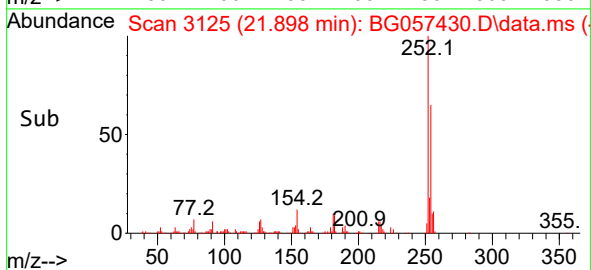
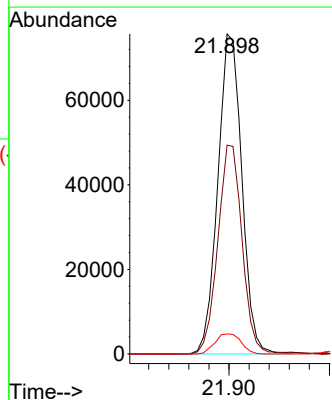
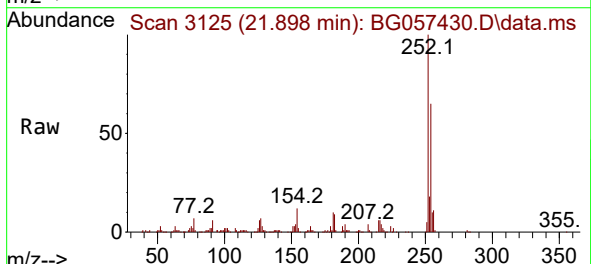
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

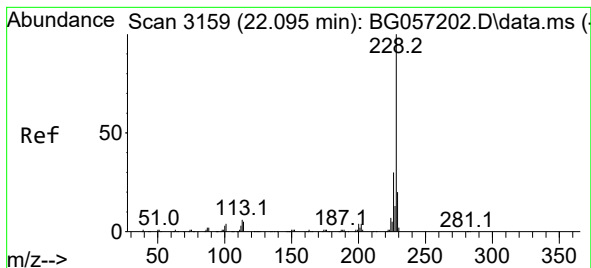
Tgt Ion:228 Resp: 379150
Ion Ratio Lower Upper
228 100
226 26.4 22.0 33.0
229 20.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 40.483 ng
RT: 21.898 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:252 Resp: 125514
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.0
126 6.2 5.9 8.9





#83

Chrysene

Concen: 39.248 ng

RT: 22.074 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

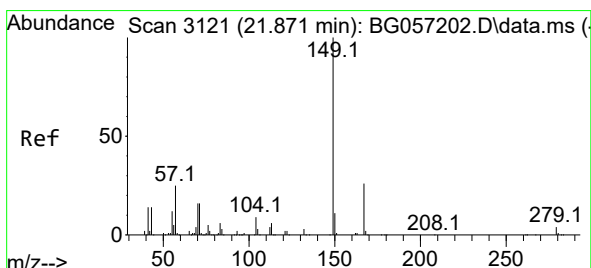
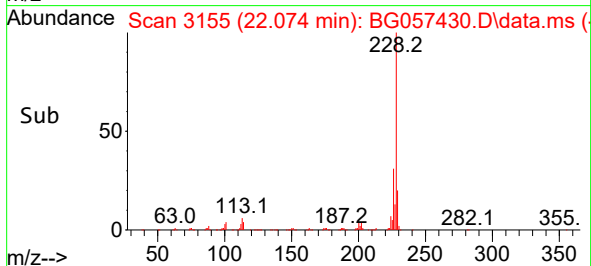
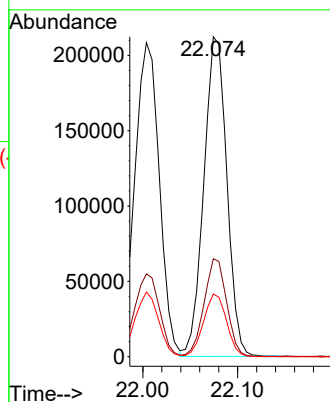
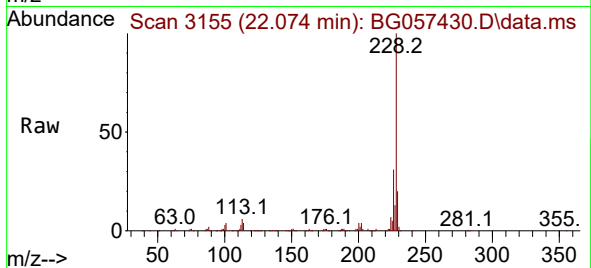
Tgt Ion:228 Resp: 357445

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.776 ng

RT: 21.845 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

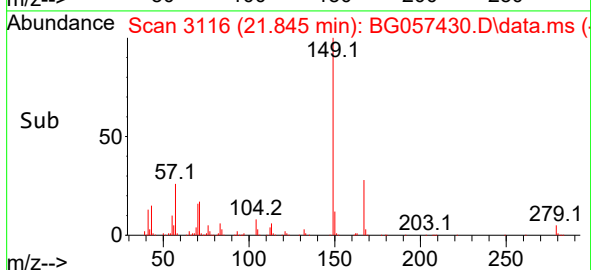
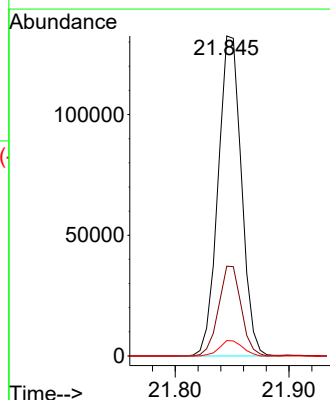
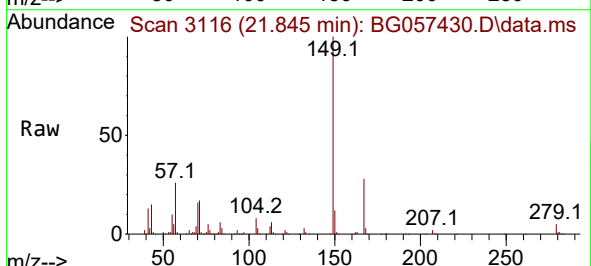
Tgt Ion:149 Resp: 188983

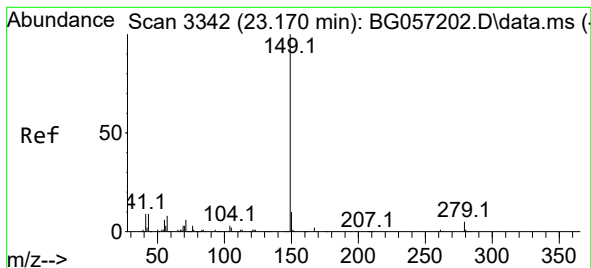
Ion Ratio Lower Upper

149 100

167 28.0 21.2 31.8

279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 41.630 ng

RT: 23.143 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

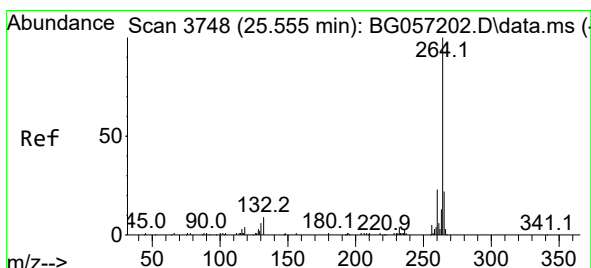
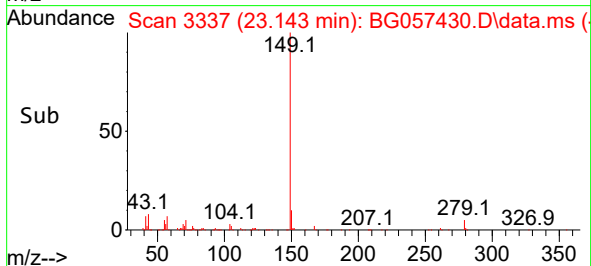
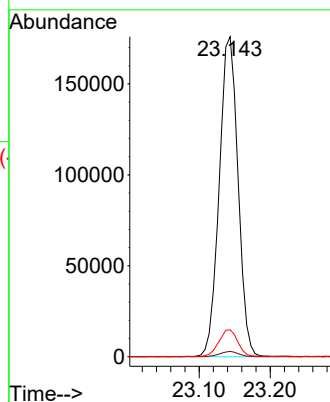
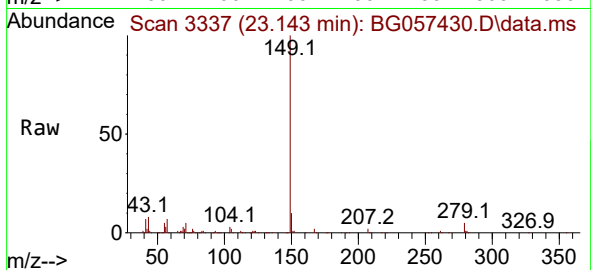
Tgt Ion:149 Resp: 321655

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.523 min Scan# 3742

Delta R.T. -0.012 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

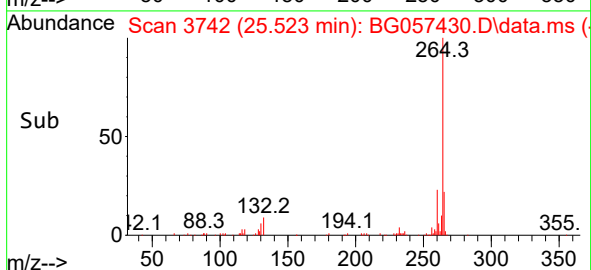
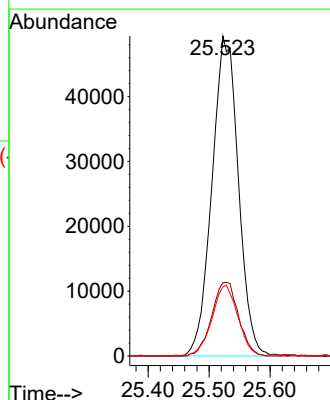
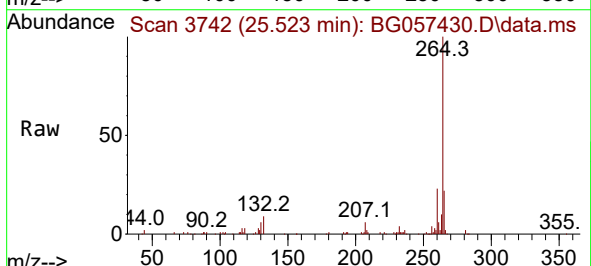
Tgt Ion:264 Resp: 148192

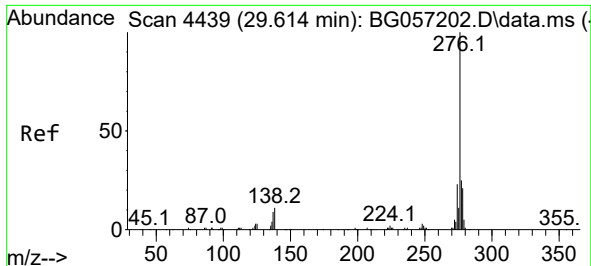
Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.5 17.9 26.9

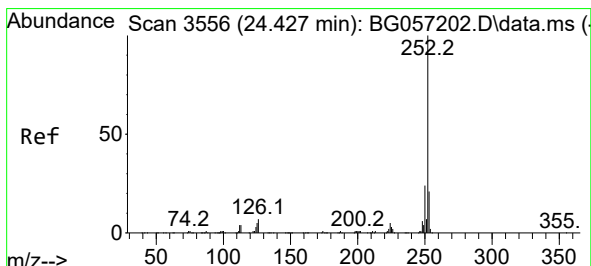
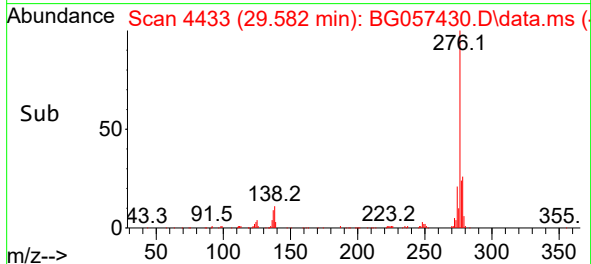
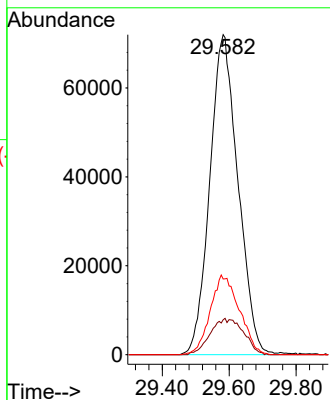
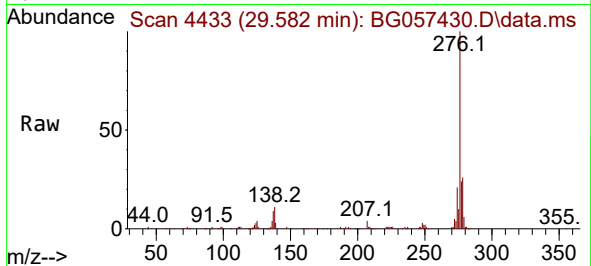




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.005 ng
RT: 29.582 min Scan# 4433
Delta R.T. -0.018 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

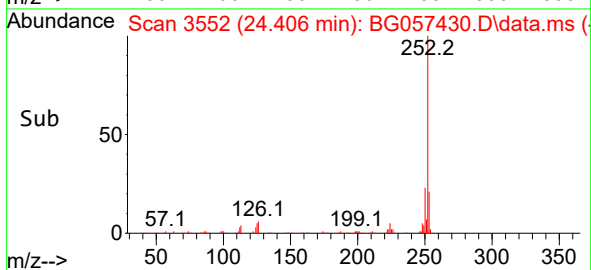
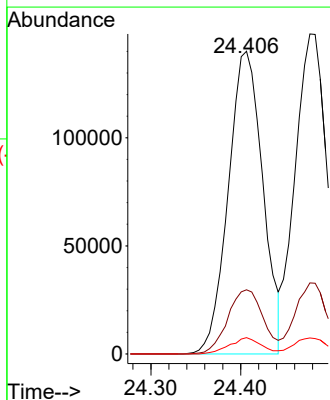
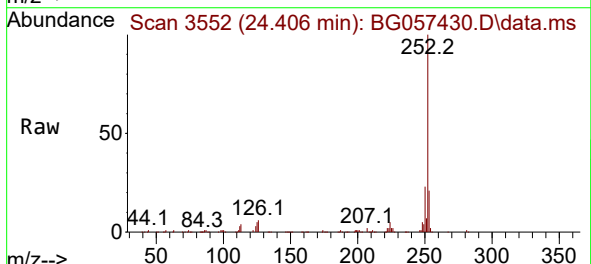
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

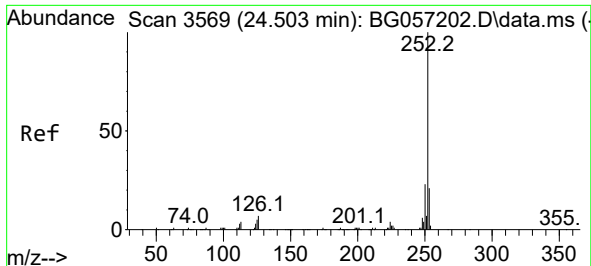
Tgt Ion:276 Resp: 421268
Ion Ratio Lower Upper
276 100
138 6.9 5.4 8.0
277 25.7 20.6 30.8



#88
Benzo(b)fluoranthene
Concen: 38.622 ng
RT: 24.406 min Scan# 3552
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:252 Resp: 374140
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 5.4 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 37.608 ng

RT: 24.477 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

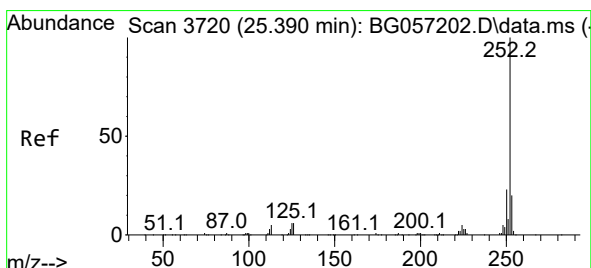
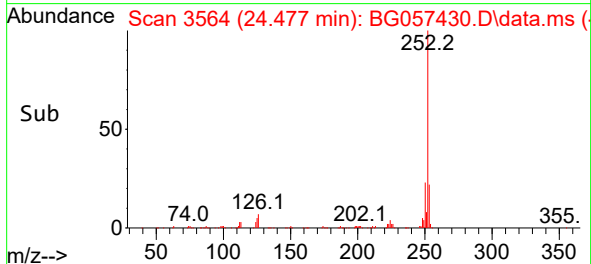
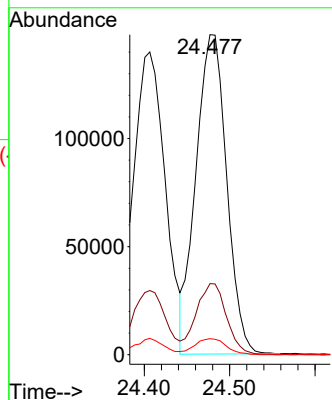
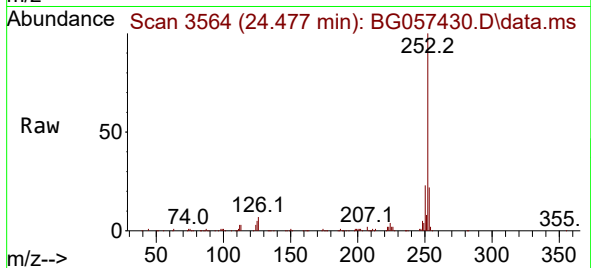
Tgt Ion:252 Resp: 370209

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 5.0 4.1 6.1



#90

Benzo(a)pyrene

Concen: 38.215 ng

RT: 25.364 min Scan# 3715

Delta R.T. -0.012 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

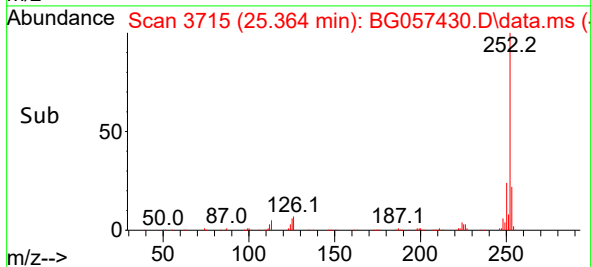
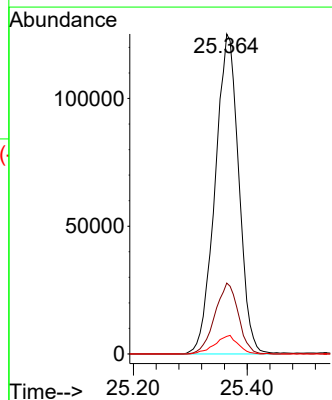
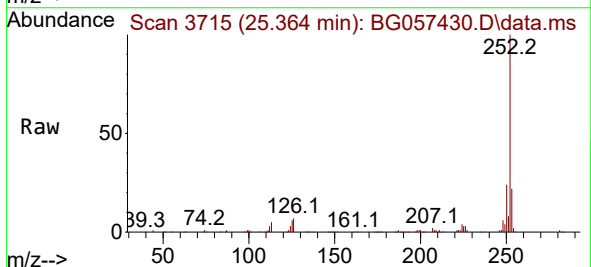
Tgt Ion:252 Resp: 361671

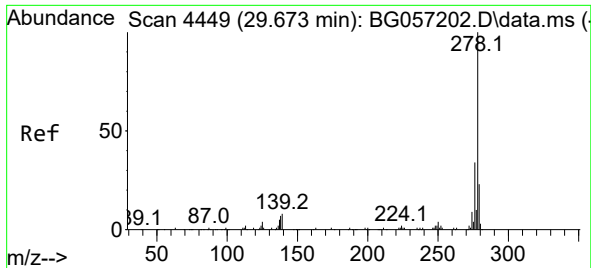
Ion Ratio Lower Upper

252 100

253 22.2 16.3 24.5

125 5.5 5.0 7.4

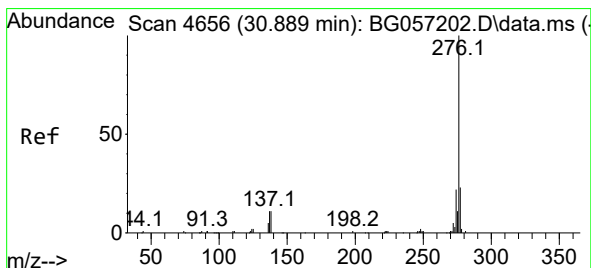
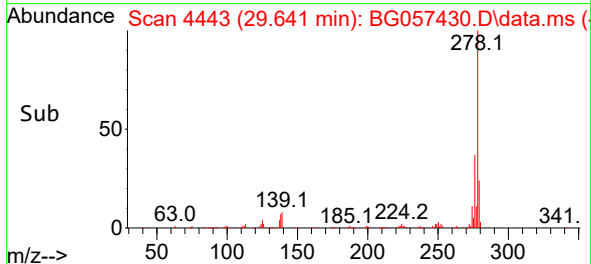
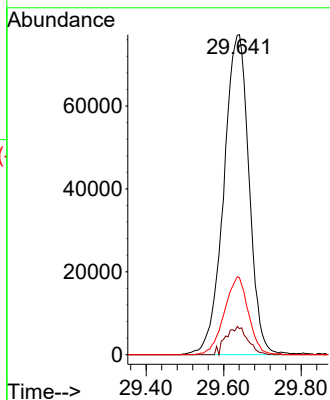
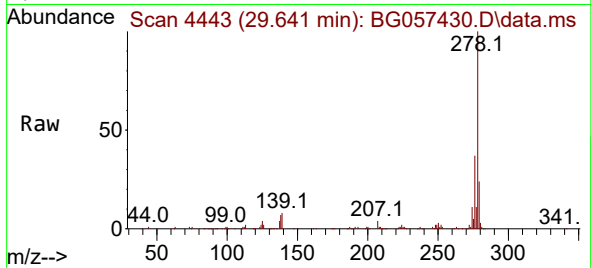




#91
 Dibenzo(a,h)anthracene
 Concen: 38.797 ng
 RT: 29.641 min Scan# 4443
 Delta R.T. -0.012 min
 Lab File: BG057430.D
 Acq: 13 May 2023 6:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:278 Resp: 348963
 Ion Ratio Lower Upper
 278 100
 139 8.2 6.2 9.2
 279 24.0 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 38.895 ng
 RT: 30.857 min Scan# 4650
 Delta R.T. -0.018 min
 Lab File: BG057430.D
 Acq: 13 May 2023 6:49

Tgt Ion:276 Resp: 341593
 Ion Ratio Lower Upper
 276 100
 277 22.6 18.4 27.6
 138 10.7 9.0 13.4

