

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
 Data File : BG057377.D
 Acq On : 10 May 2023 20:20
 Operator : CG/JU
 Sample : 02591-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JREC1MS

Quant Time: May 10 23:41:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 11:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.366	152	16147	20.000	ng/u1	0.00
20) Naphthalene-d8	11.203	136	67040	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.980	164	53324	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.718	188	131994	20.000	ng/u1	0.00
79) Chrysene-d12	22.030	240	121790	20.000	ng/u1	# 0.00
88) Perylene-d12	25.531	264	130509	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	1258	3.428	ng/uL	0.00
4) Pyridine-d5	4.078	84	60	0.052	ng/u1	-0.01
7) Phenol-d5	7.508	99	28638	18.754	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.667	67	17665	19.668	ng/u1	0.00
11) 2-Chlorophenol-d4	7.890	132	22351	22.211	ng/u1	0.00
15) 4-Methylphenol-d8	9.065	113	22347	19.255	ng/u1	0.00
21) Nitrobenzene-d5	9.541	128	11568	21.668	ng/u1	0.00
24) 2-Nitrophenol-d4	10.269	143	13613	21.848	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.821	165	27082	22.529	ng/u1	0.00
31) 4-Chloroaniline-d4	11.333	131	27185	17.063	ng/u1	0.00
46) Dimethylphthalate-d6	14.364	166	93618	22.157	ng/u1	0.00
49) Acenaphthylene-d8	14.675	160	103677	21.832	ng/u1	0.00
54) 4-Nitrophenol-d4	15.168	143	8093	13.159	ng/u1	0.00
60) Fluorene-d10	15.962	176	87022	22.109	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	16443	21.026	ng/u1	0.00
73) Anthracene-d10	17.818	188	135551	22.499	ng/u1	0.00
81) Pyrene-d10	20.085	212	168344	23.287	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.284	264	155159	23.335	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.684	88	3365	8.647	ng/uL#	86
6) Benzaldehyde	7.491	77	20295	43.515	ng/u1	89
8) Phenol	7.532	94	34754	22.581	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.761	93	26448	22.960	ng/u1	95
12) 2-Chlorophenol	7.925	128	25044	23.694	ng/u1	93
13) 2-Methylphenol	8.807	108	26062	21.850	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.883	45	30143	20.296	ng/u1#	94
16) Acetophenone	9.194	105	45974	23.020	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.165	70	23499	20.476	ng/u1	93
18) 4-Methylphenol	9.130	108	29457	22.816	ng/u1	90
19) Hexachloroethane	9.459	117	10522	23.793	ng/u1	90
22) Nitrobenzene	9.588	77	35089	22.072	ng/u1	95
23) Isophorone	10.105	82	65178	21.548	ng/u1	96
25) 2-Nitrophenol	10.304	139	15432	24.453	ng/u1	97
26) 2,4-Dimethylphenol	10.346	107	27526	19.227	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.575	93	35906	22.837	ng/u1	99
29) 2,4-Dichlorophenol	10.845	162	29203	25.595	ng/u1	97
30) Naphthalene	11.256	128	87543	23.783	ng/u1	97
32) 4-Chloroaniline	11.356	127	26911	16.211	ng/u1	96
33) Hexachlorobutadiene	11.526	225	24423	25.237	ng/u1	98
34) Caprolactam	12.102	113	8944	23.285	ng/u1	89
35) 4-Chloro-3-methylphenol	12.455	107	31633	24.096	ng/u1	96
36) 2-Methylnaphthalene	12.830	142	64534	23.907	ng/u1	96
37) 1-Methylnaphthalene	13.048	142	65646	24.186	ng/u1	96

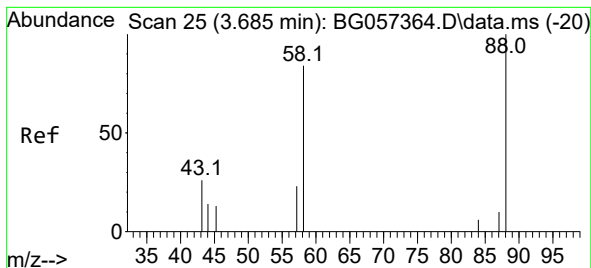
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.195	216	47635	24.582	ng/ul	97
40) Hexachlorocyclopentadiene	13.165	237	7718	7.981	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.430	196	27055	23.973	ng/ul	94
42) 2,4,5-Trichlorophenol	13.506	196	28100	23.191	ng/ul	93
43) 1,1'-Biphenyl	13.817	154	92268	22.677	ng/ul	99
44) 2-Chloronaphthalene	13.864	162	74611	23.650	ng/ul	99
45) 2-Nitroaniline	14.064	65	21940	23.037	ng/ul	96
47) Dimethylphthalate	14.411	163	98742	23.272	ng/ul	99
48) 2,6-Dinitrotoluene	14.546	165	21014	24.065	ng/ul	95
50) Acenaphthylene	14.704	152	110670	22.933	ng/ul	98
51) 3-Nitroaniline	14.881	138	17772	28.724	ng/ul	93
52) Acenaphthene	15.045	153	78820	22.924	ng/ul	98
53) 2,4-Dinitrophenol	15.098	184	8005	17.215	ng/ul	93
55) 4-Nitrophenol	15.186	109	12724	18.250	ng/ul	92
56) Dibenzofuran	15.374	168	115027	23.167	ng/ul	95
57) 2,4-Dinitrotoluene	15.333	165	31044	24.835	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.597	232	25426	23.093	ng/ul#	97
59) Diethylphthalate	15.756	149	99974	23.192	ng/ul	99
61) Fluorene	16.020	166	96835	23.064	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.997	204	57539	23.480	ng/ul	99
63) 4-Nitroaniline	16.032	138	19315	32.966	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.097	198	18236	22.884	ng/ul#	99
67) N-Nitrosodiphenylamine	16.208	169	81827	23.732	ng/ul	98
68) 4-Bromophenyl-phenylether	16.890	248	38093	24.146	ng/ul	98
69) Hexachlorobenzene	17.025	284	41869	25.203	ng/ul	98
70) Atrazine	17.142	200	29108	18.995	ng/ul	98
71) Pentachlorophenol	17.377	266	11355	14.787	ng/ul	96
72) Phenanthrene	17.759	178	166580	24.235	ng/ul	99
74) Anthracene	17.853	178	165285	23.939	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.788	216	48654	24.507	ng/uL	95
76) Pentachlorobenzene	15.292	250	47430	23.471	ng/uL	97
77) Carbazole	18.117	167	144259	25.001	ng/ul	98
78) Di-n-butylphthalate	18.634	149	170412	25.827	ng/ul	99
80) Fluoranthene	19.751	202	212475	24.743	ng/ul	98
82) Pyrene	20.109	202	215168	24.751	ng/ul	97
83) Butylbenzylphthalate	20.961	149	75106	26.978	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.901	252	61032	22.564	ng/ul	99
85) Benzo(a)anthracene	22.006	228	216392	25.122	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.848	149	111976	27.655	ng/ul	95
87) Chrysene	22.077	228	202178	24.878	ng/ul	98
89) Di-n-octyl phthalate	23.146	149	178281	24.737	ng/ul	100
90) Benzo(b)fluoranthene	24.479	252	209982	23.234	ng/ul	96
91) Benzo(k)fluoranthene	24.479	252	209982	23.882	ng/ul	98
93) Benzo(a)pyrene	25.366	252	186978	23.964	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.584	276	240664	24.675	ng/ul	99
95) Dibenzo(a,h)anthracene	29.637	278	200180	24.752	ng/ul	98
96) Benzo(g,h,i)perylene	30.853	276	179207	22.703	ng/ul	95

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



#2

1,4-Dioxane

Concen: 8.647 ng/uL

RT: 3.684 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

JREC1MS

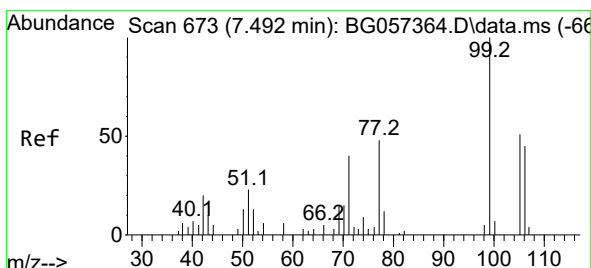
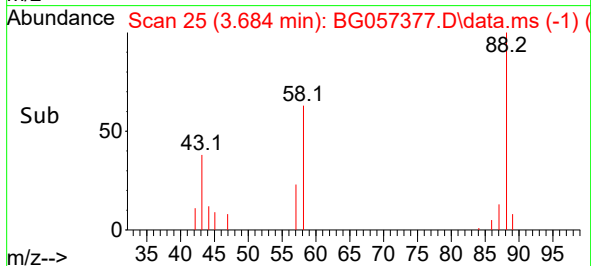
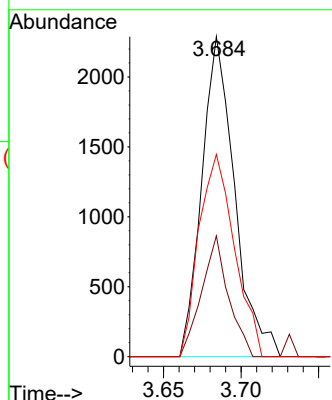
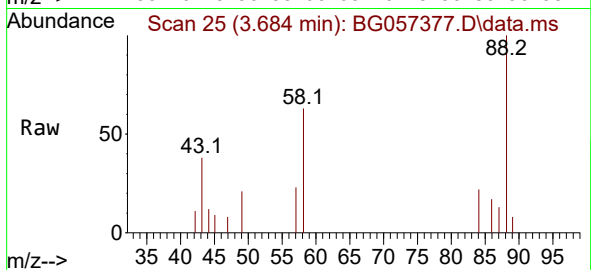
Tgt Ion: 88 Resp: 3365

Ion Ratio Lower Upper

88 100

43 37.8 28.2 42.4

58 63.2 63.3 94.9#



#6

Benzaldehyde

Concen: 43.515 ng/uL

RT: 7.491 min Scan# 673

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

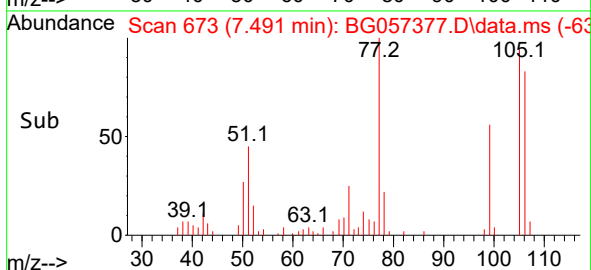
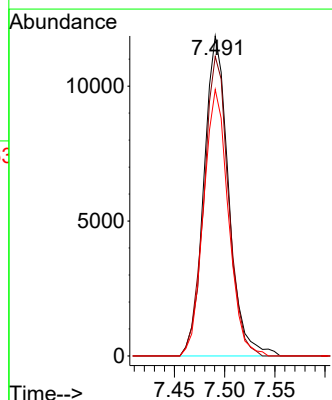
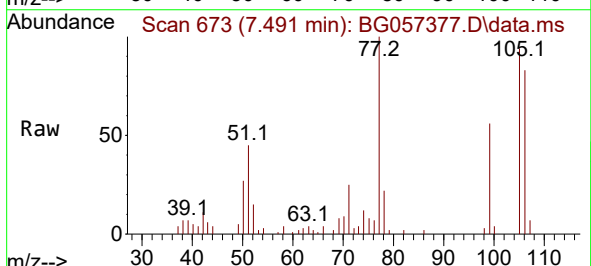
Tgt Ion: 77 Resp: 20295

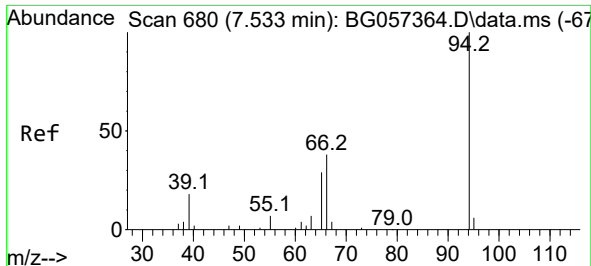
Ion Ratio Lower Upper

77 100

105 93.6 79.8 119.6

106 83.3 78.7 118.1

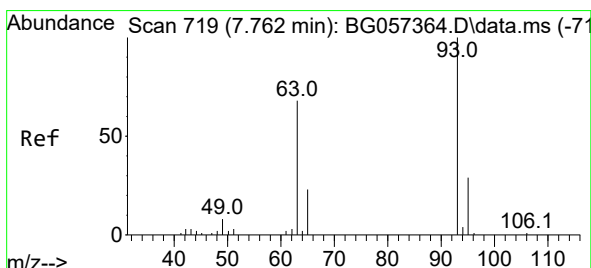
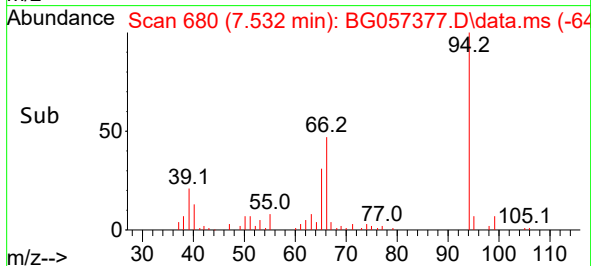
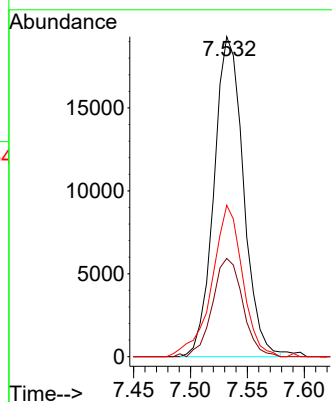
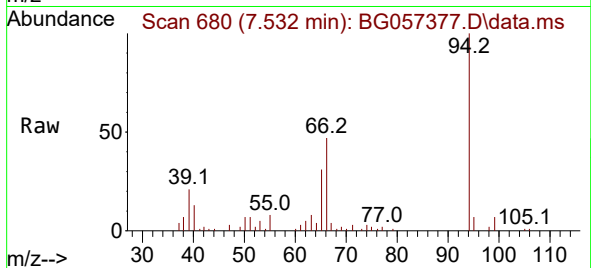




#8
Phenol
Concen: 22.581 ng/ul
RT: 7.532 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

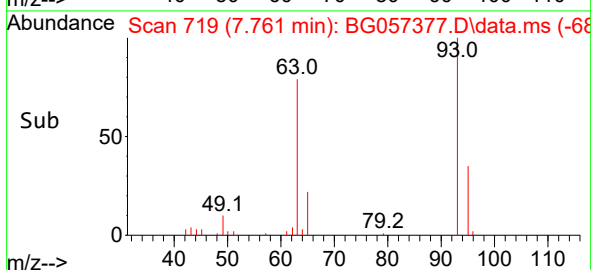
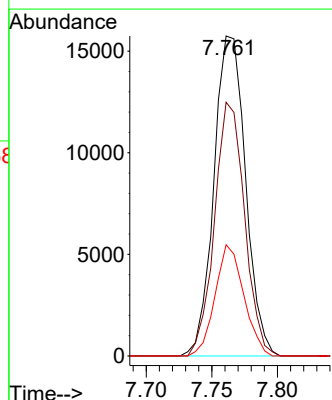
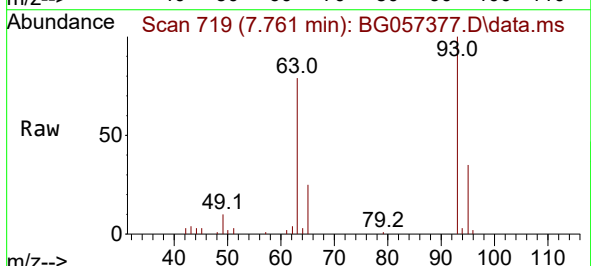
Instrument :
BNA_G
ClientSampleId :
JREC1MS

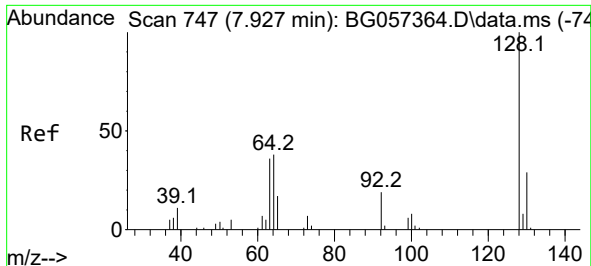
Tgt Ion: 94 Resp: 34754
Ion Ratio Lower Upper
94 100
65 30.7 25.5 38.3
66 47.3 36.9 55.3



#10
Bis(2-Chloroethyl)ether
Concen: 22.960 ng/ul
RT: 7.761 min Scan# 719
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion: 93 Resp: 26448
Ion Ratio Lower Upper
93 100
63 79.3 67.2 100.8
95 34.8 26.3 39.5





#12

2-Chlorophenol

Concen: 23.694 ng/ul

RT: 7.925 min Scan# 74

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

JREC1MS

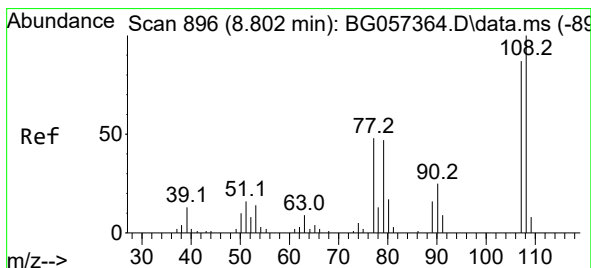
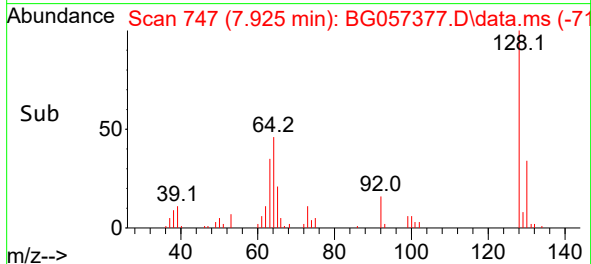
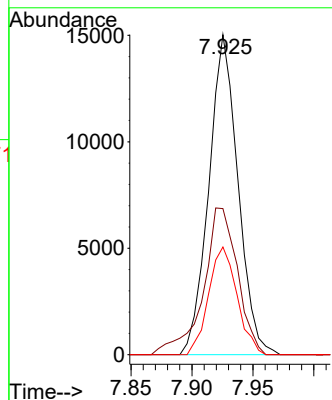
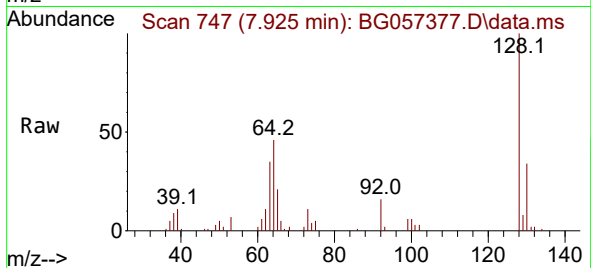
Tgt Ion:128 Resp: 25044

Ion Ratio Lower Upper

128 100

64 45.7 41.3 61.9

130 33.6 24.6 37.0



#13

2-Methylphenol

Concen: 21.850 ng/ul

RT: 8.807 min Scan# 897

Delta R.T. 0.005 min

Lab File: BG057377.D

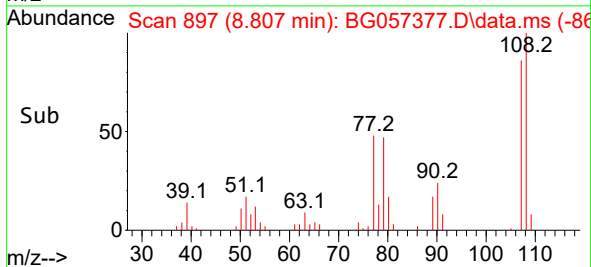
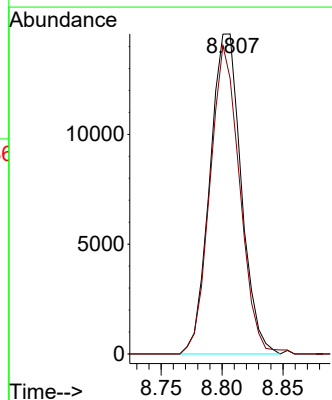
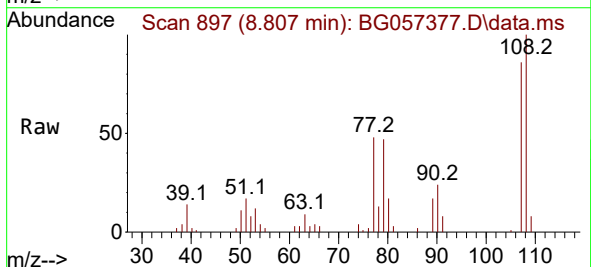
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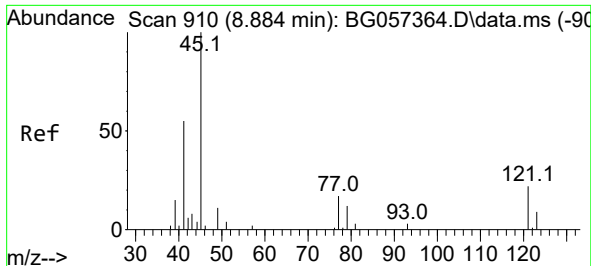
Tgt Ion:108 Resp: 26062

Ion Ratio Lower Upper

108 100

107 86.1 80.0 120.0

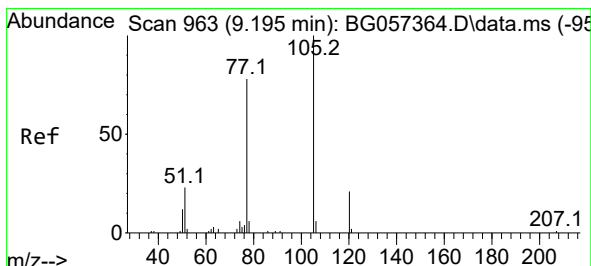
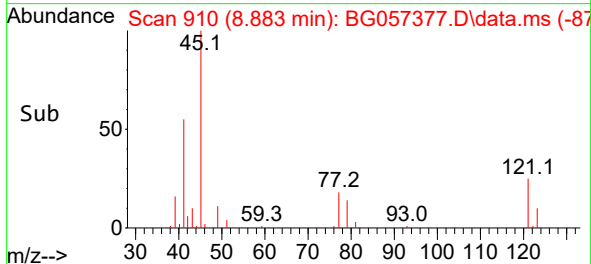
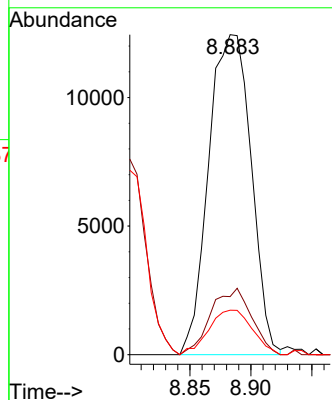
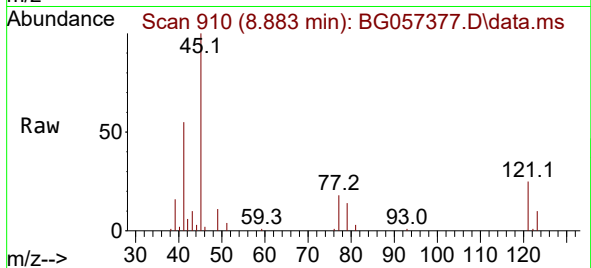




#14
2,2'-oxybis(1-chloropropane)
Concen: 20.296 ng/ul
RT: 8.883 min Scan# 910
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

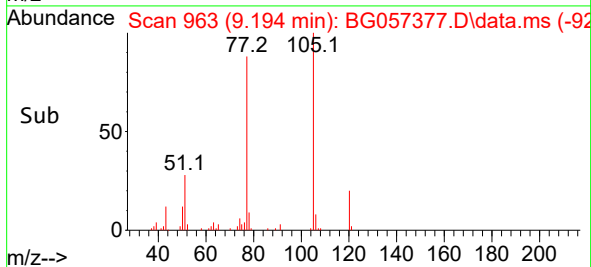
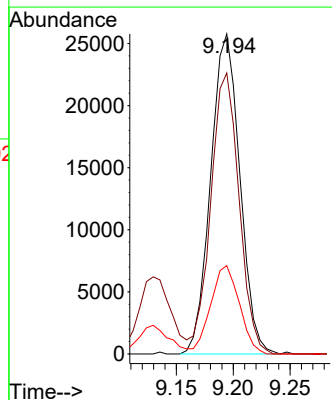
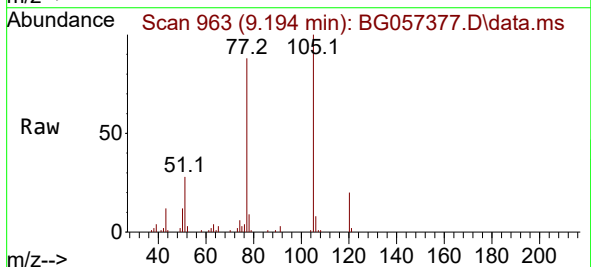
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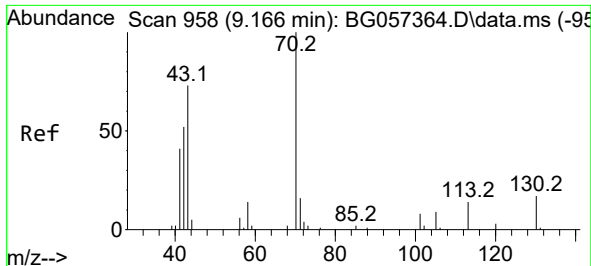
Tgt Ion: 45 Resp: 30143
Ion Ratio Lower Upper
45 100
77 18.2 12.9 19.3
79 13.9 8.9 13.3#



#16
Acetophenone
Concen: 23.020 ng/ul
RT: 9.194 min Scan# 963
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion: 105 Resp: 45974
Ion Ratio Lower Upper
105 100
77 87.8 70.6 105.8
51 27.6 24.5 36.7





#17

N-Nitroso-di-n-propylamine

Concen: 20.476 ng/ul

RT: 9.165 min Scan# 91

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

JREC1MS

Tgt Ion: 70 Resp: 23499

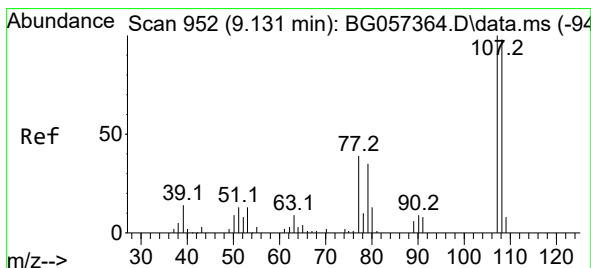
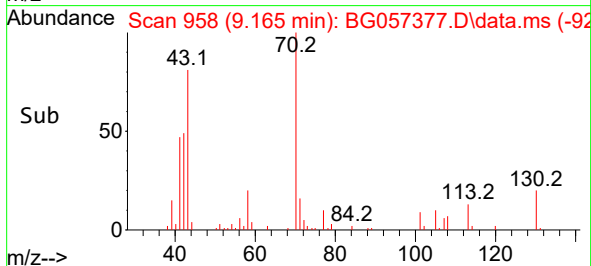
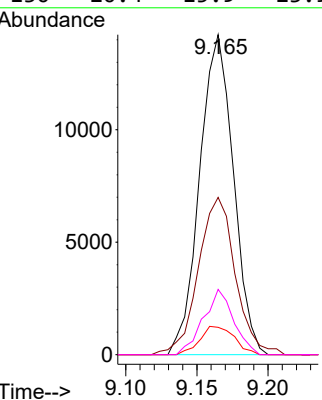
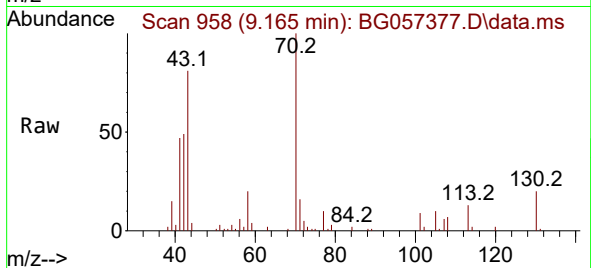
Ion Ratio Lower Upper

70 100

42 49.1 45.0 67.4

101 8.5 6.5 9.7

130 20.4 15.9 23.9



#18

4-Methylphenol

Concen: 22.816 ng/ul

RT: 9.130 min Scan# 952

Delta R.T. -0.001 min

Lab File: BG057377.D

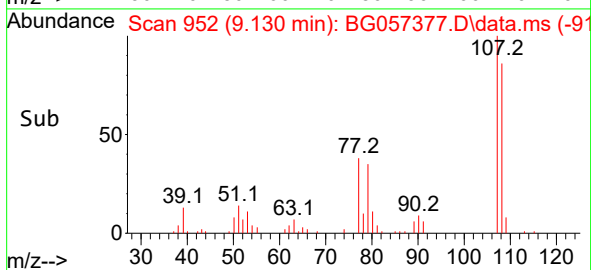
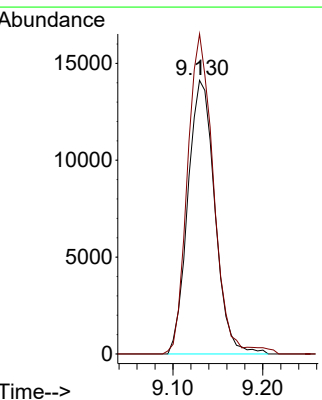
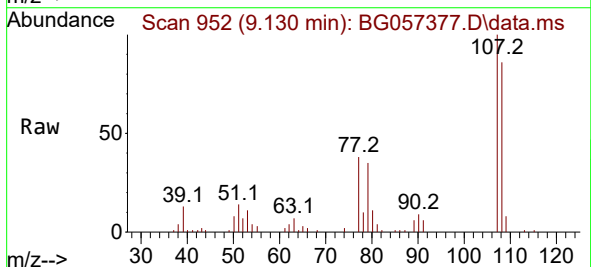
Acq: 10 May 2023 20:20

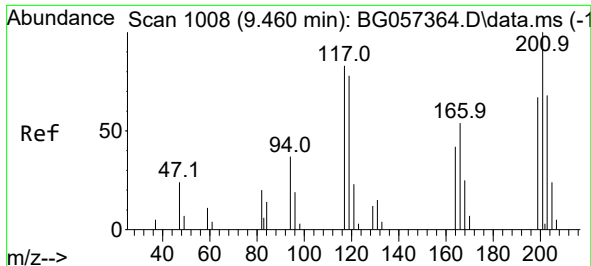
Tgt Ion:108 Resp: 29457

Ion Ratio Lower Upper

108 100

107 116.9 85.1 127.7

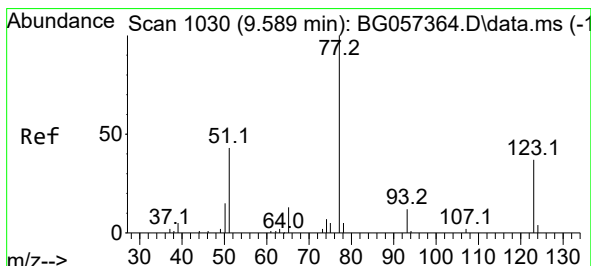
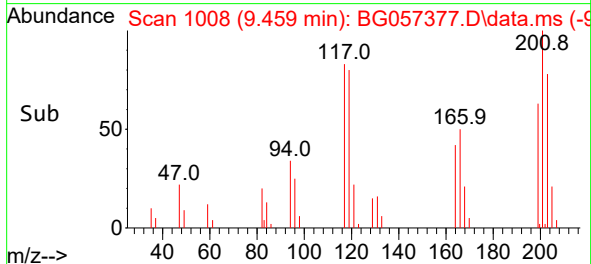
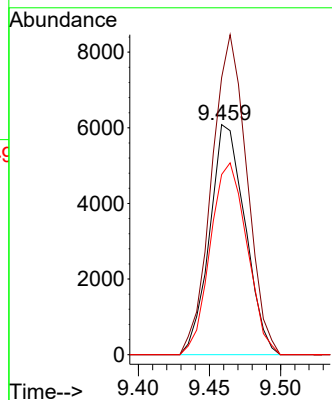
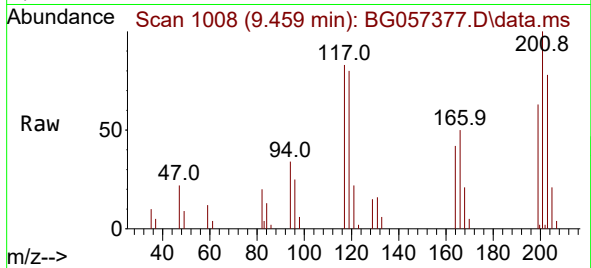




#19
Hexachloroethane
Concen: 23.793 ng/ul
RT: 9.459 min Scan# 1008
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

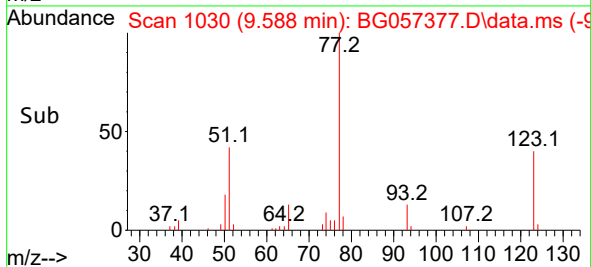
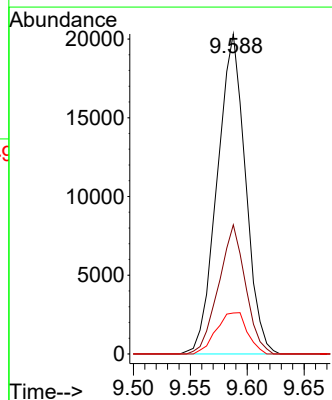
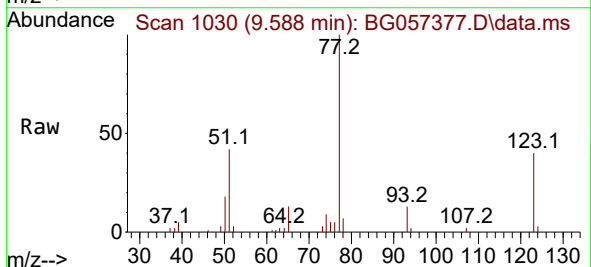
Instrument :
BNA_G
ClientSampleId :
JREC1MS

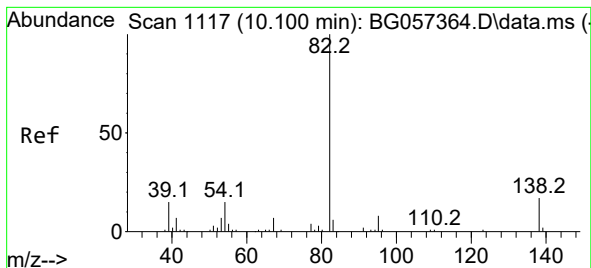
Tgt Ion:117 Resp: 10522
Ion Ratio Lower Upper
117 100
201 120.4 109.4 164.2
199 78.3 65.4 98.2



#22
Nitrobenzene
Concen: 22.072 ng/ul
RT: 9.588 min Scan# 1030
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion: 77 Resp: 35089
Ion Ratio Lower Upper
77 100
123 40.4 29.6 44.4
65 12.8 11.4 17.0





#23

Isophorone

Concen: 21.548 ng/ul

RT: 10.105 min Scan# 1117

Delta R.T. 0.005 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

JREC1MS

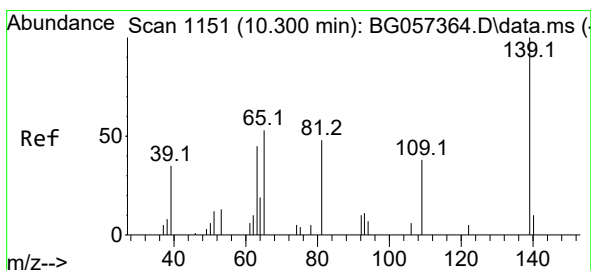
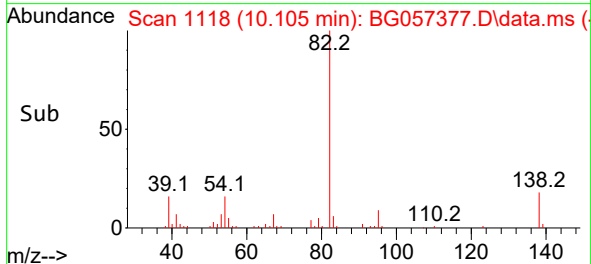
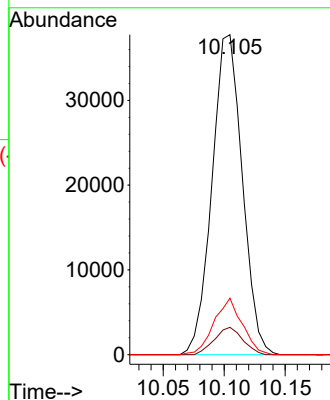
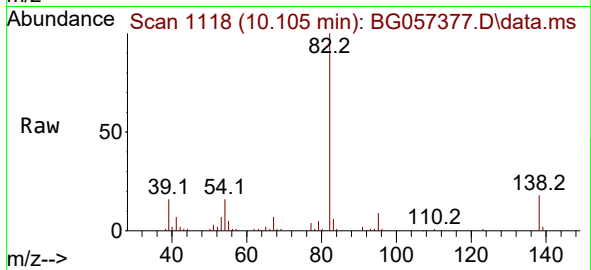
Tgt Ion: 82 Resp: 65178

Ion Ratio Lower Upper

82 100

95 8.5 6.8 10.2

138 17.7 12.2 18.2



#25

2-Nitrophenol

Concen: 24.453 ng/ul

RT: 10.304 min Scan# 1152

Delta R.T. 0.005 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

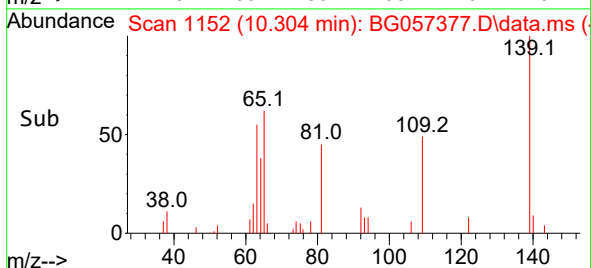
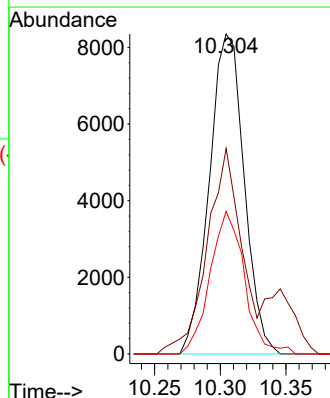
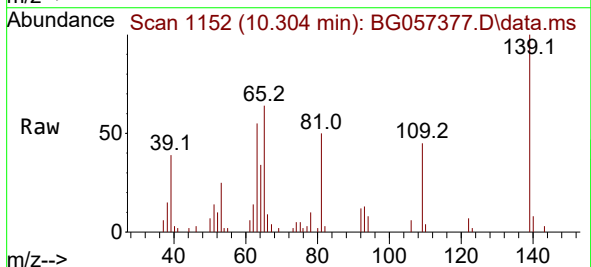
Tgt Ion:139 Resp: 15432

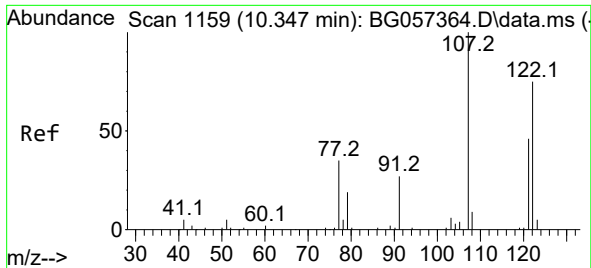
Ion Ratio Lower Upper

139 100

65 64.2 48.7 73.1

109 44.6 35.2 52.8

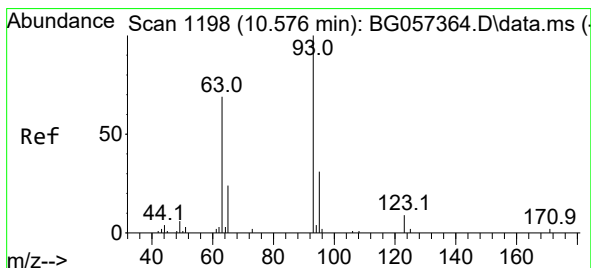
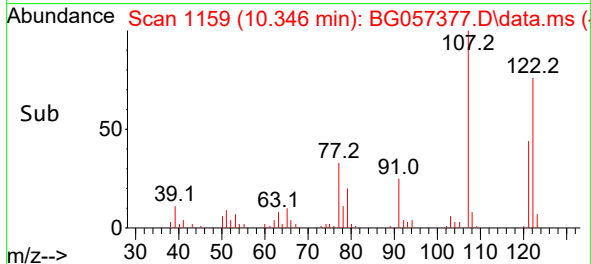
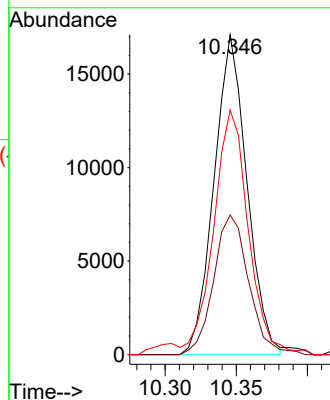
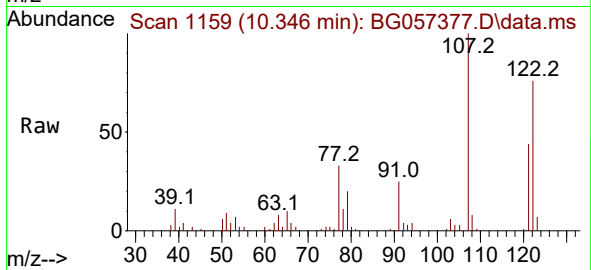




#26
2,4-Dimethylphenol
Concen: 19.227 ng/ul
RT: 10.346 min Scan# 1159
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

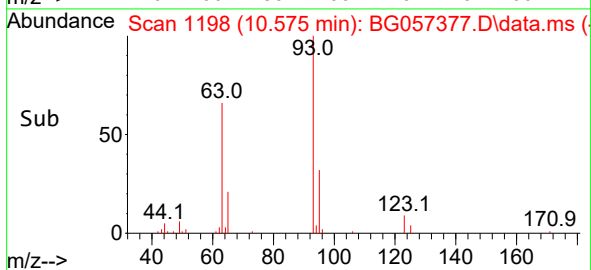
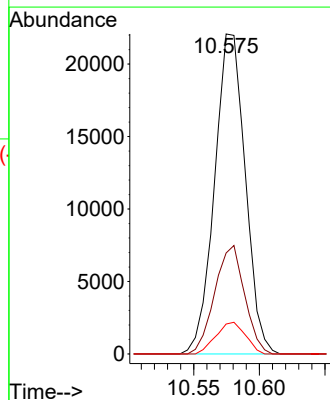
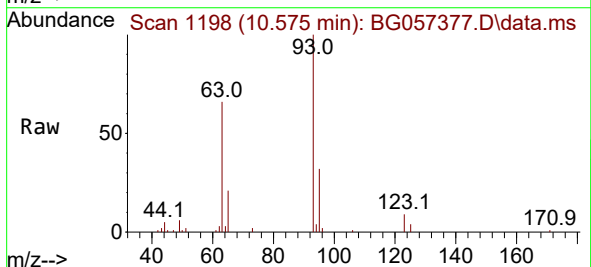
Instrument :
BNA_G
ClientSampleId :
JREC1MS

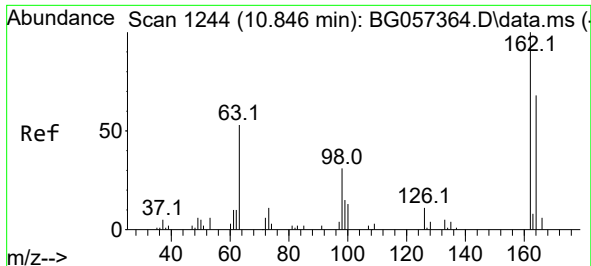
Tgt Ion:107 Resp: 27526
Ion Ratio Lower Upper
107 100
121 43.7 35.4 53.0
122 76.5 57.0 85.4



#27
Bis(2-Chloroethoxy)methane
Concen: 22.837 ng/ul
RT: 10.575 min Scan# 1198
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion: 93 Resp: 35906
Ion Ratio Lower Upper
93 100
95 31.5 24.8 37.2
123 9.3 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 25.595 ng/ul

RT: 10.845 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

JREC1MS

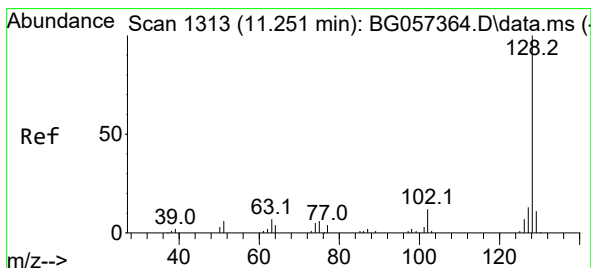
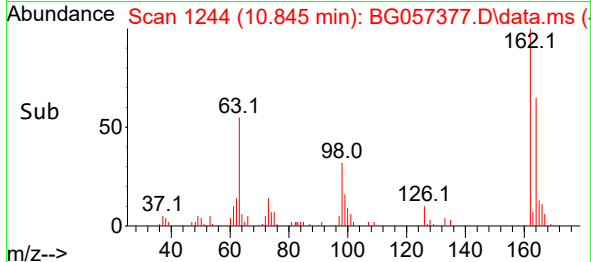
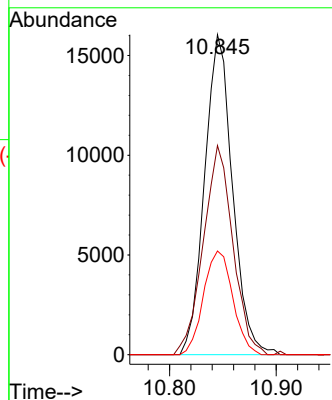
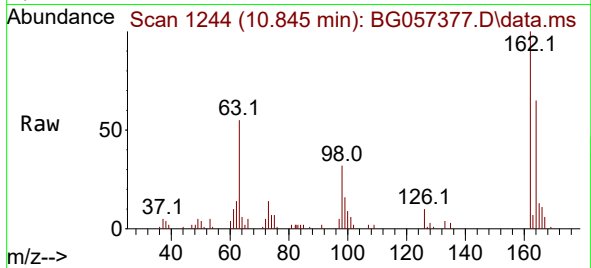
Tgt Ion:162 Resp: 29203

Ion Ratio Lower Upper

162 100

164 65.3 50.5 75.7

98 32.4 27.5 41.3



#30

Naphthalene

Concen: 23.783 ng/ul

RT: 11.256 min Scan# 1314

Delta R.T. 0.005 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

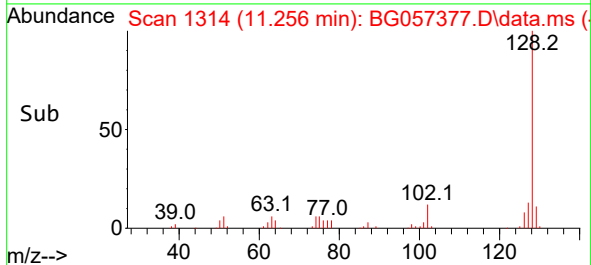
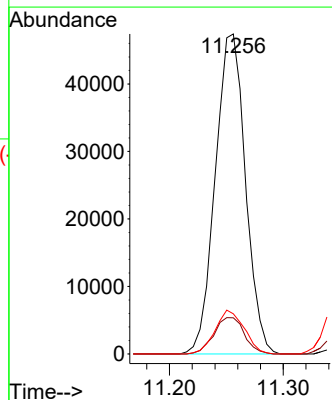
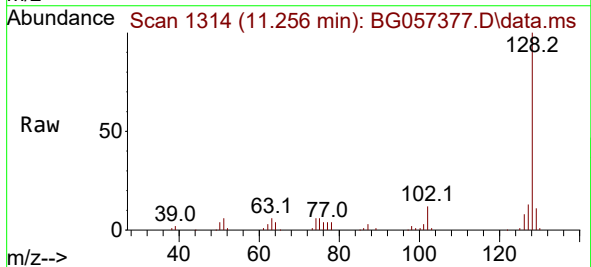
Tgt Ion:128 Resp: 87543

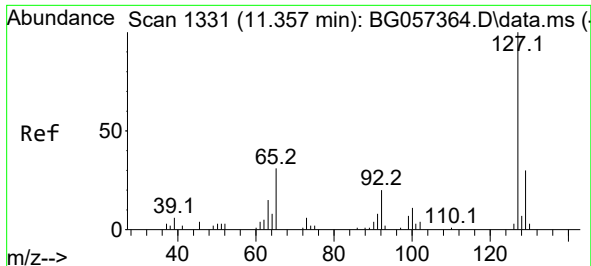
Ion Ratio Lower Upper

128 100

129 11.3 8.5 12.7

127 12.5 11.4 17.0

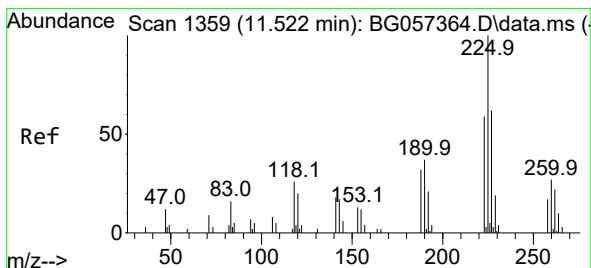
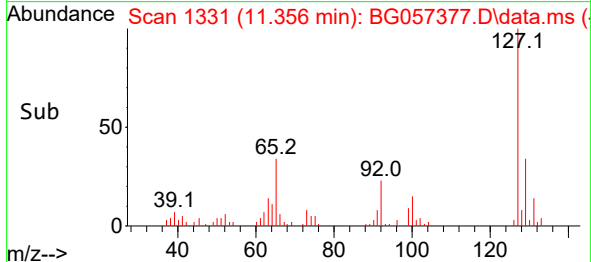
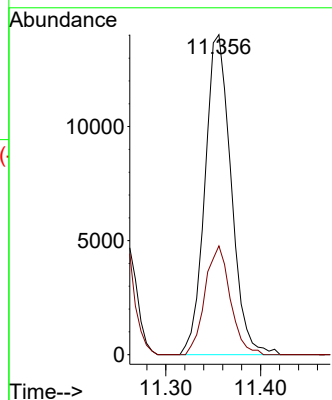
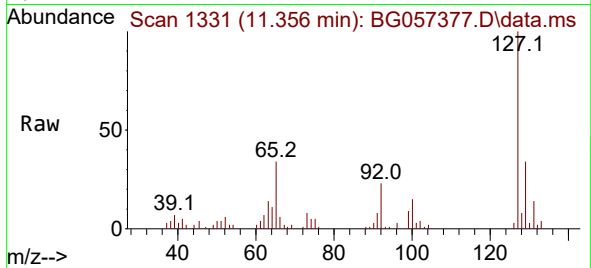




#32
4-Chloroaniline
Concen: 16.211 ng/ul
RT: 11.356 min Scan# 11356
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

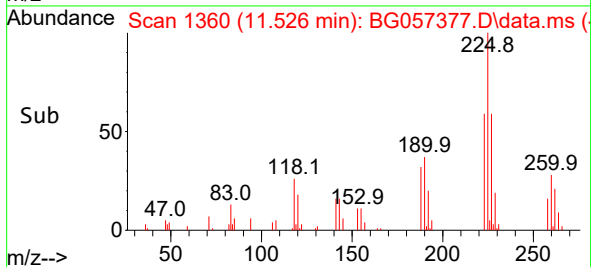
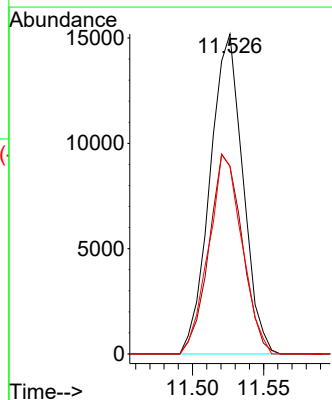
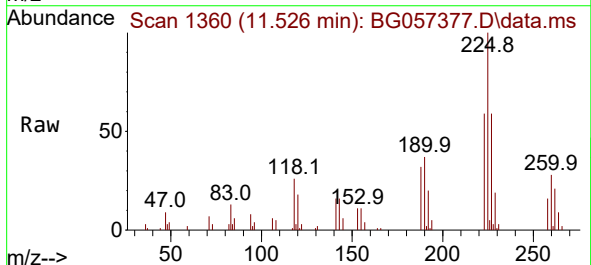
Instrument :
BNA_G
ClientSampleId :
JREC1MS

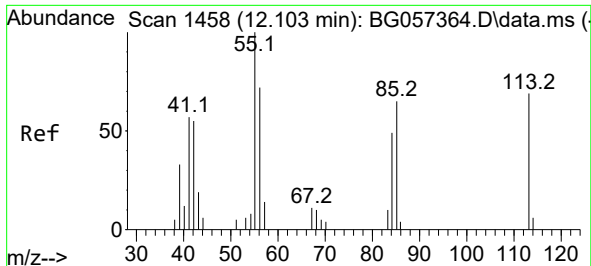
Tgt Ion:127 Resp: 26911
Ion Ratio Lower Upper
127 100
129 34.0 25.4 38.0



#33
Hexachlorobutadiene
Concen: 25.237 ng/ul
RT: 11.526 min Scan# 1360
Delta R.T. 0.005 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion:225 Resp: 24423
Ion Ratio Lower Upper
225 100
223 58.7 47.5 71.3
227 58.7 48.4 72.6

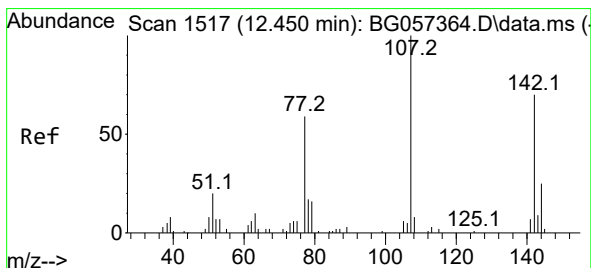
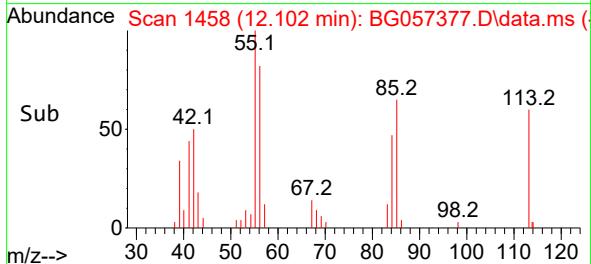
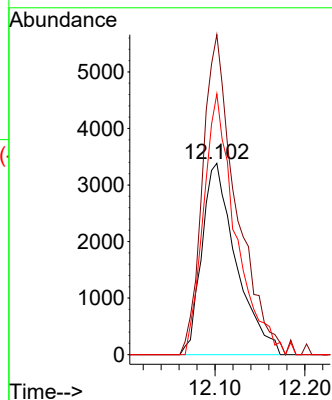
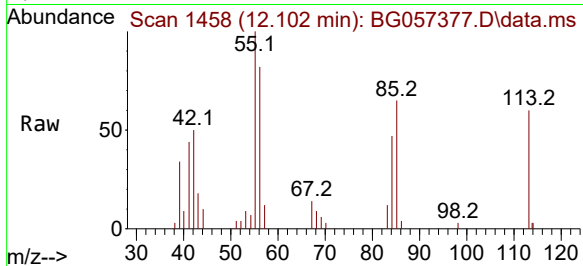




#34
 Caprolactam
 Concen: 23.285 ng/ul
 RT: 12.102 min Scan# 1458
 Delta R.T. -0.001 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

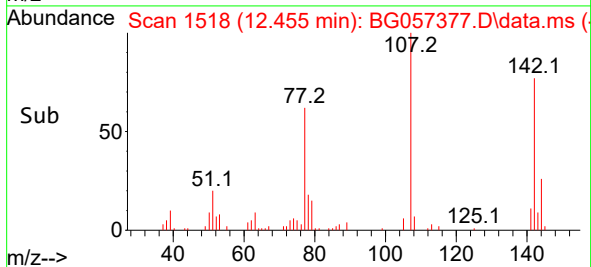
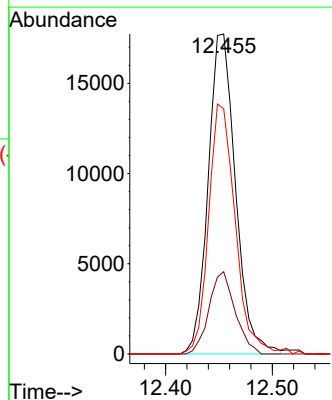
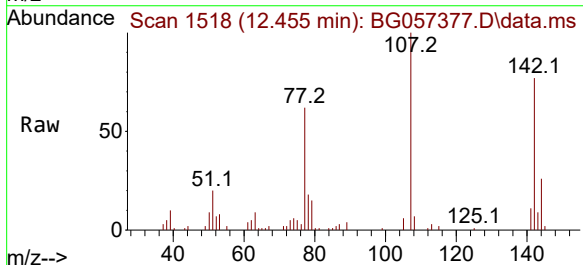
Instrument :
 BNA_G
 ClientSampleId :
 JREC1MS

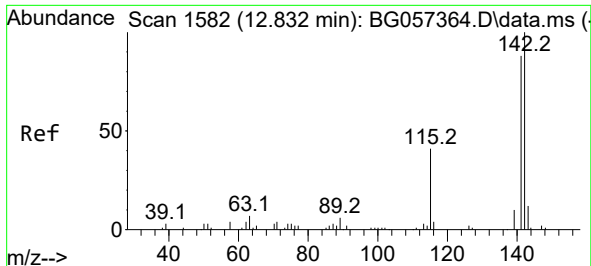
Tgt Ion:113 Resp: 8944
 Ion Ratio Lower Upper
 113 100
 55 167.2 123.1 184.7
 56 136.3 98.7 148.1



#35
 4-Chloro-3-methylphenol
 Concen: 24.096 ng/ul
 RT: 12.455 min Scan# 1518
 Delta R.T. 0.005 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

Tgt Ion:107 Resp: 31633
 Ion Ratio Lower Upper
 107 100
 144 25.7 18.3 27.5
 142 76.6 58.6 88.0





#36

2-Methylnaphthalene

Concen: 23.907 ng/ul

RT: 12.830 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

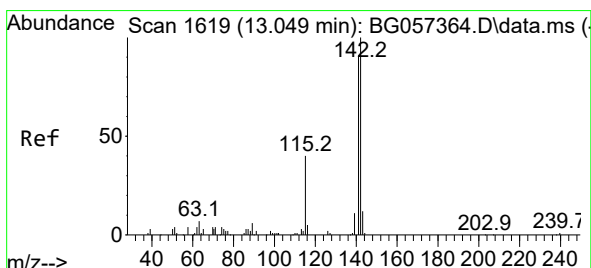
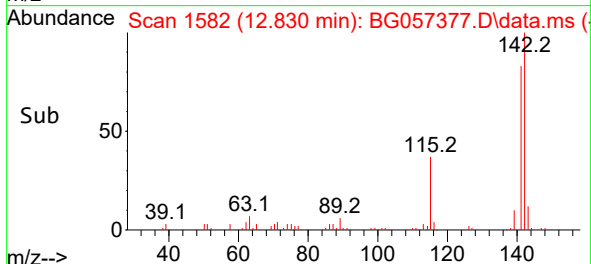
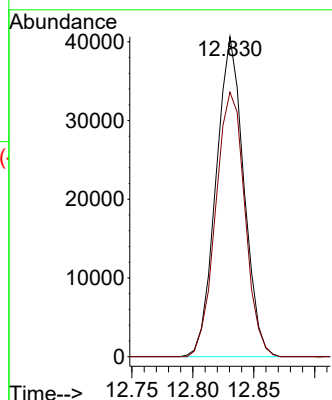
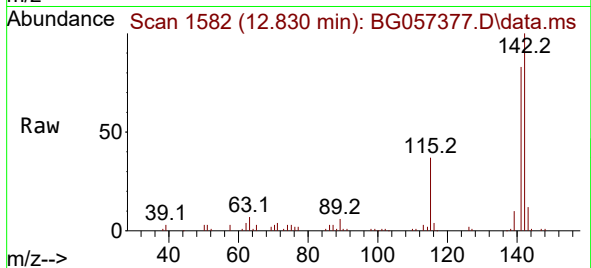
JREC1MS

Tgt Ion:142 Resp: 64534

Ion Ratio Lower Upper

142 100

141 82.7 68.7 103.1



#37

1-Methylnaphthalene

Concen: 24.186 ng/ul

RT: 13.048 min Scan# 1619

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

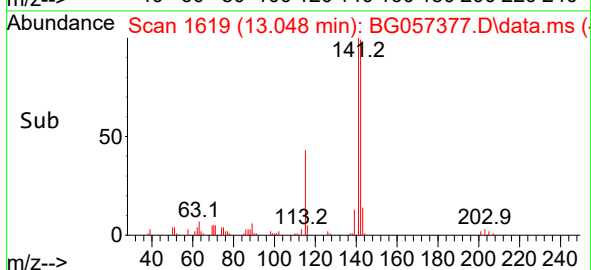
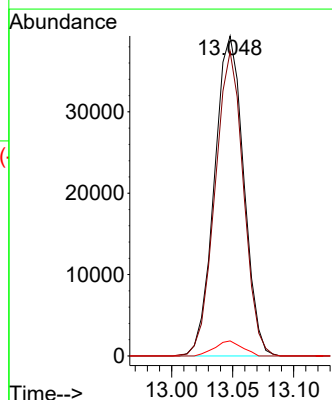
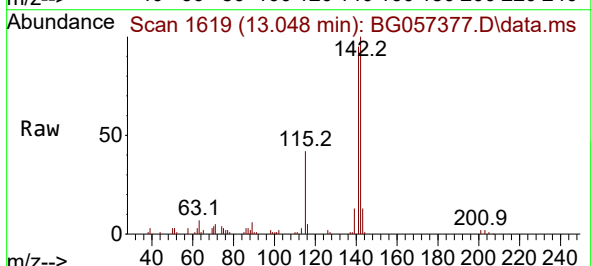
Tgt Ion:142 Resp: 65646

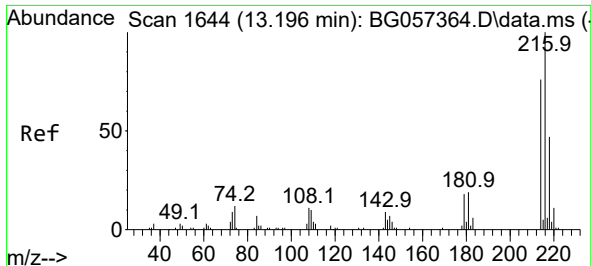
Ion Ratio Lower Upper

142 100

141 95.1 72.9 109.3

116 4.7 3.2 4.8

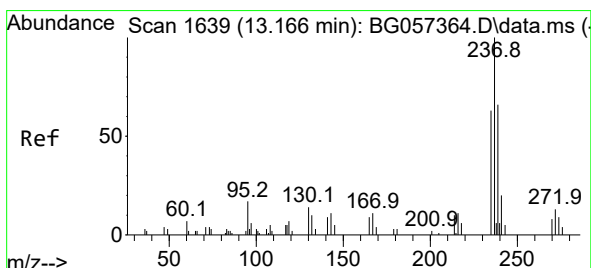
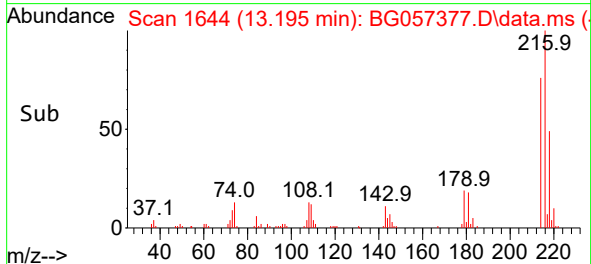
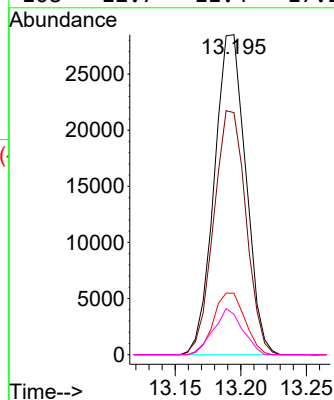
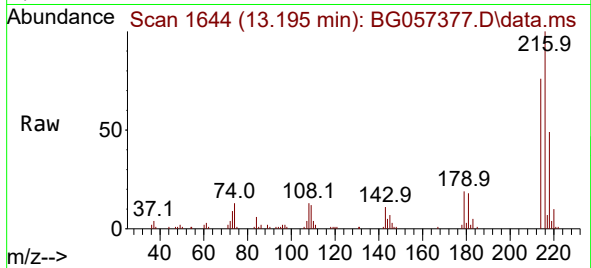




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.582 ng/ul
 RT: 13.195 min Scan# 1644
 Delta R.T. -0.001 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

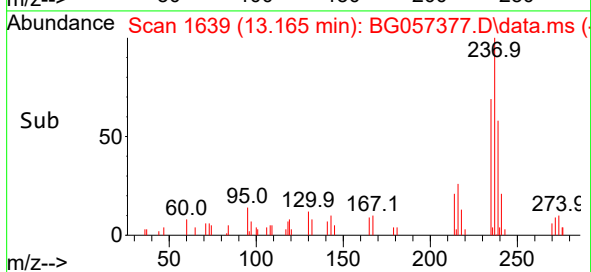
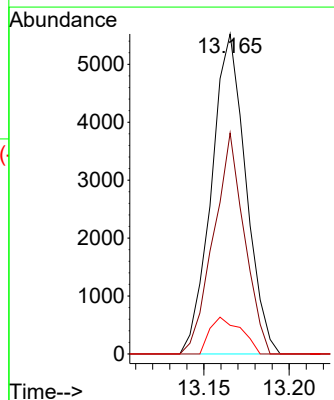
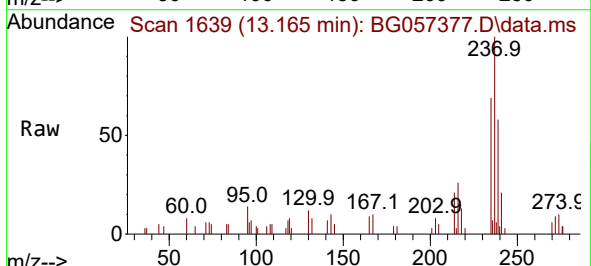
Instrument :
 BNA_G
 ClientSampleId :
 JREC1MS

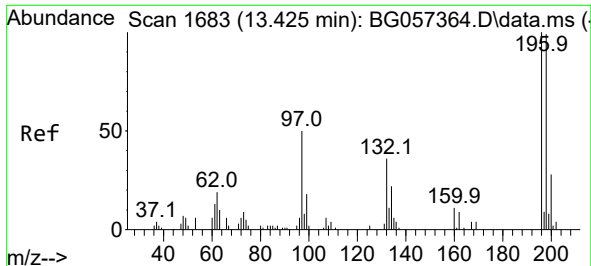
Tgt Ion:	216	Resp:	47635
Ion Ratio	Lower	Upper	
216	100		
214	75.6	62.9	94.3
179	19.2	15.3	22.9
108	12.7	11.4	17.2



#40
 Hexachlorocyclopentadiene
 Concen: 7.981 ng/ul
 RT: 13.165 min Scan# 1639
 Delta R.T. -0.001 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

Tgt Ion:	237	Resp:	7718
Ion Ratio	Lower	Upper	
237	100		
235	69.0	51.4	77.0
272	8.9	9.4	14.2

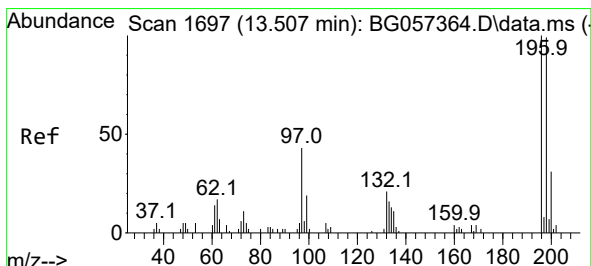
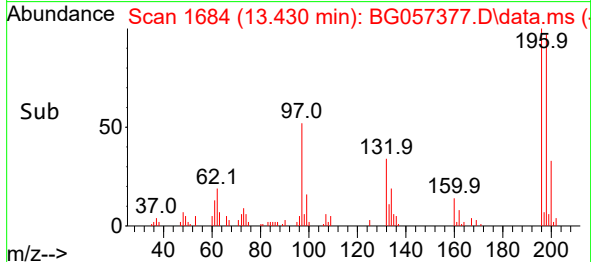
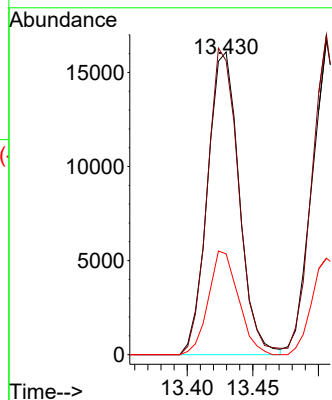
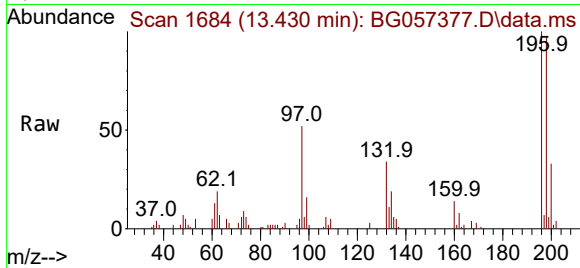




#41
2,4,6-Trichlorophenol
Concen: 23.973 ng/ul
RT: 13.430 min Scan# 1684
Delta R.T. 0.005 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

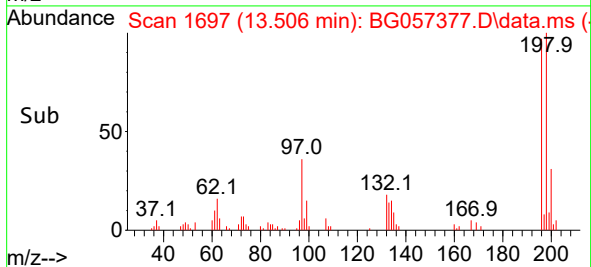
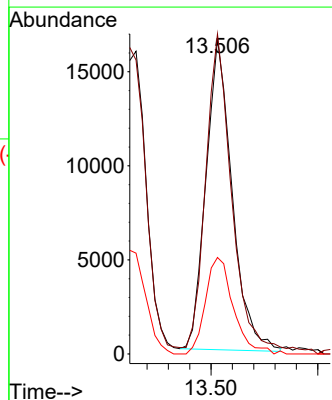
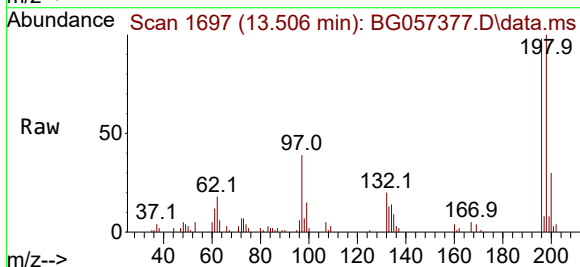
Instrument :
BNA_G
ClientSampleId :
JREC1MS

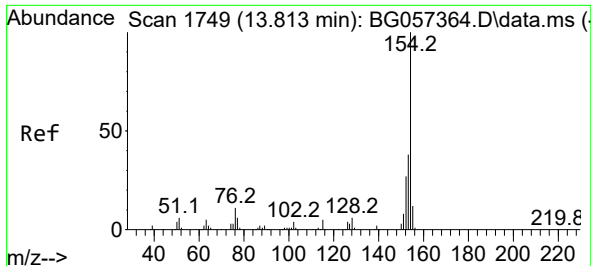
Tgt Ion:196 Resp: 27055
Ion Ratio Lower Upper
196 100
198 97.1 83.8 125.8
200 33.3 26.6 40.0



#42
2,4,5-Trichlorophenol
Concen: 23.191 ng/ul
RT: 13.506 min Scan# 1697
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion:196 Resp: 28100
Ion Ratio Lower Upper
196 100
198 101.6 85.7 128.5
200 30.6 29.9 44.9

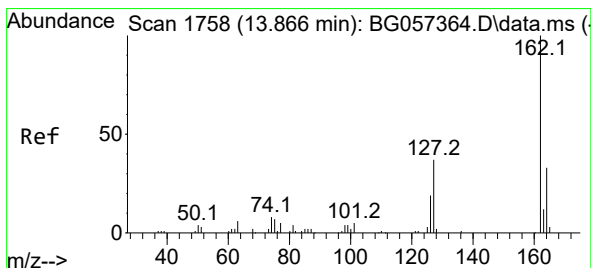
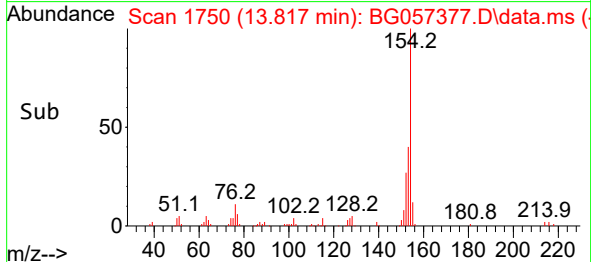
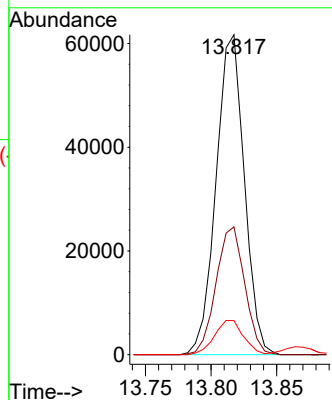
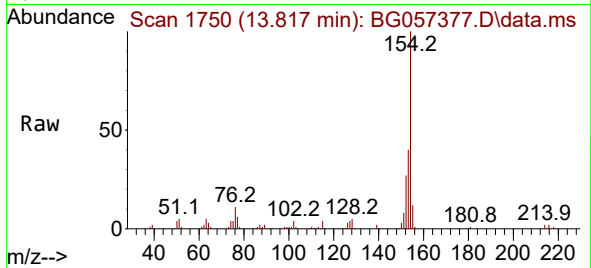




#43
1,1'-Biphenyl
Concen: 22.677 ng/ul
RT: 13.817 min Scan# 1749
Delta R.T. 0.005 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

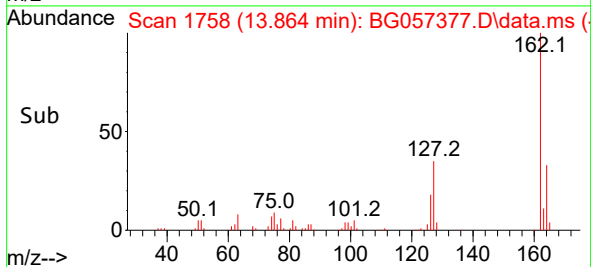
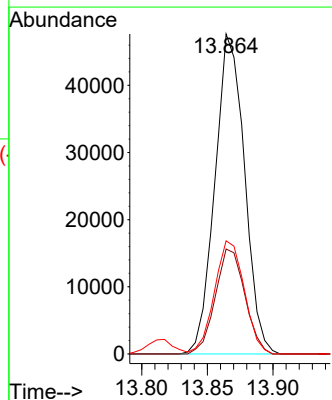
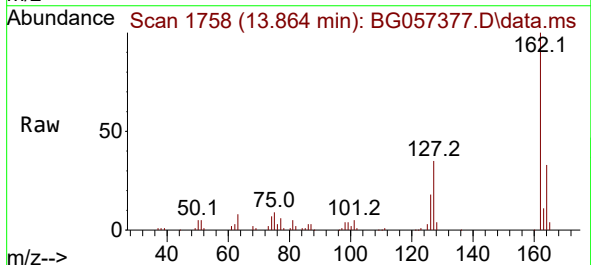
Instrument :
BNA_G
ClientSampleId :
JREC1MS

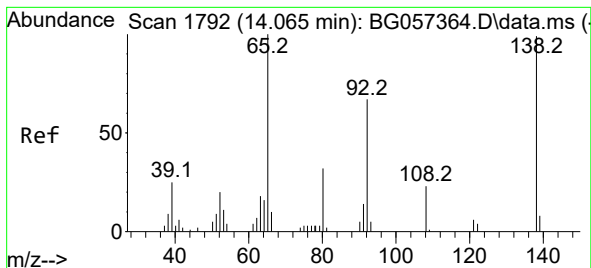
Tgt Ion:154 Resp: 92268
Ion Ratio Lower Upper
154 100
153 40.0 31.6 47.4
76 10.6 8.0 12.0



#44
2-Chloronaphthalene
Concen: 23.650 ng/ul
RT: 13.864 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion:162 Resp: 74611
Ion Ratio Lower Upper
162 100
164 32.8 26.2 39.4
127 35.4 29.4 44.2





#45

2-Nitroaniline

Concen: 23.037 ng/ul

RT: 14.064 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

JREC1MS

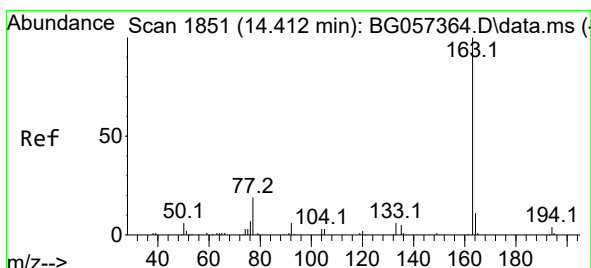
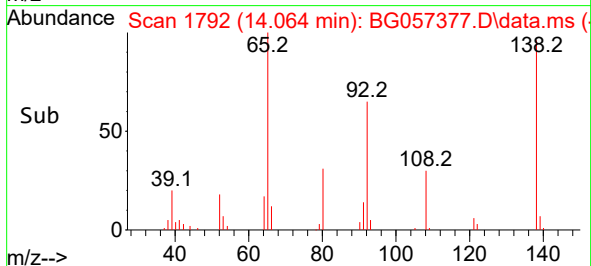
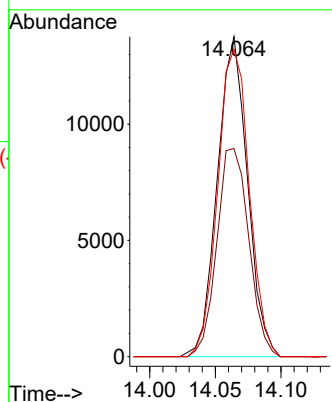
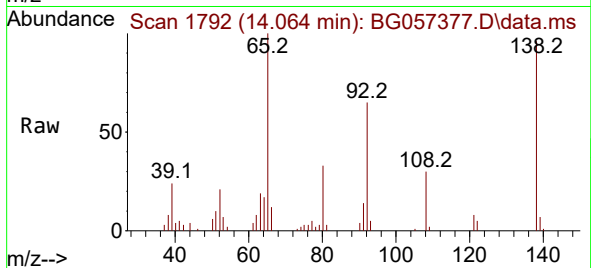
Tgt Ion: 65 Resp: 21940

Ion Ratio Lower Upper

65 100

92 65.0 51.8 77.6

138 96.0 71.9 107.9



#47

Dimethylphthalate

Concen: 23.272 ng/ul

RT: 14.411 min Scan# 1851

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

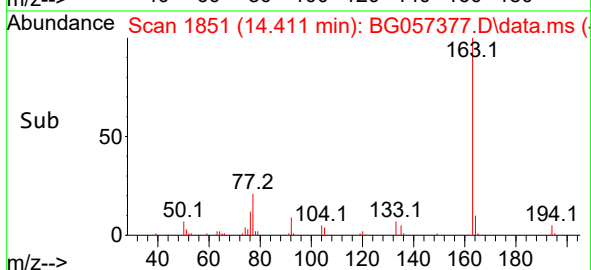
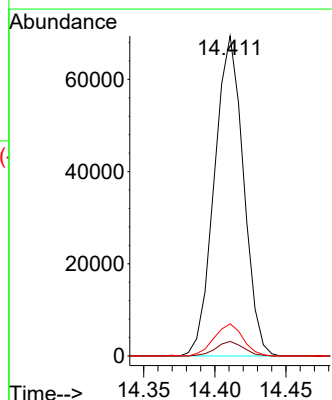
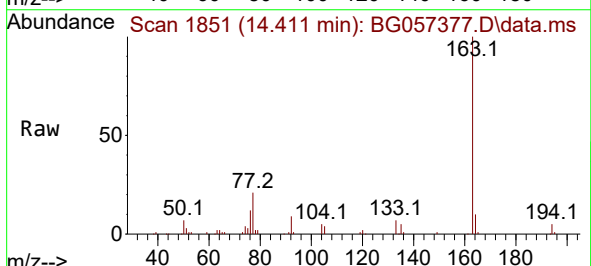
Tgt Ion:163 Resp: 98742

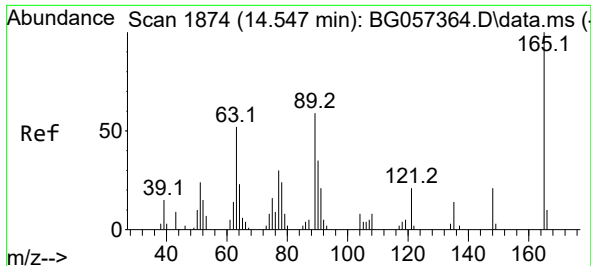
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 10.0 8.3 12.5

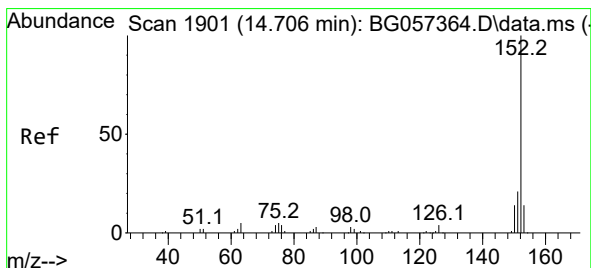
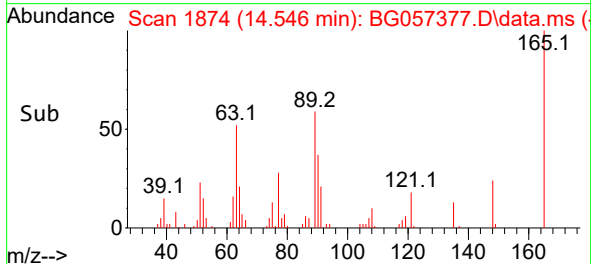
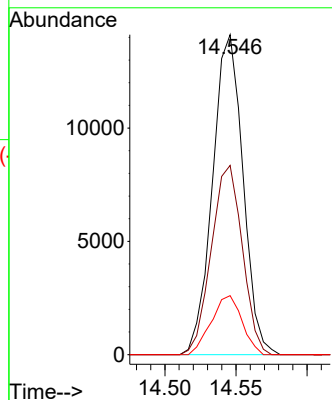
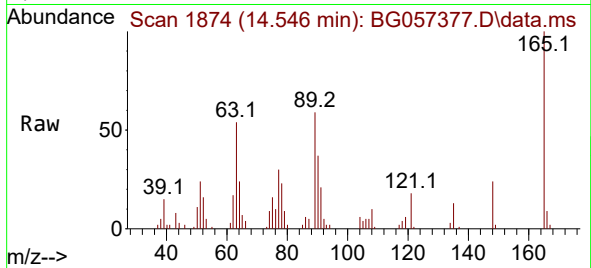




#48
2,6-Dinitrotoluene
Concen: 24.065 ng/ul
RT: 14.546 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

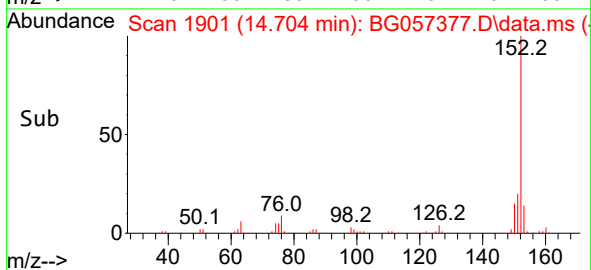
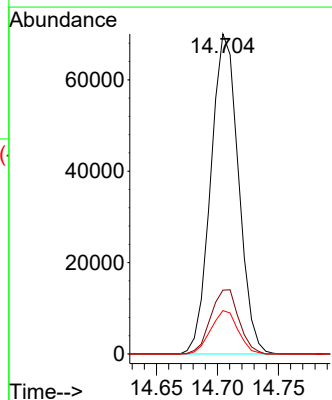
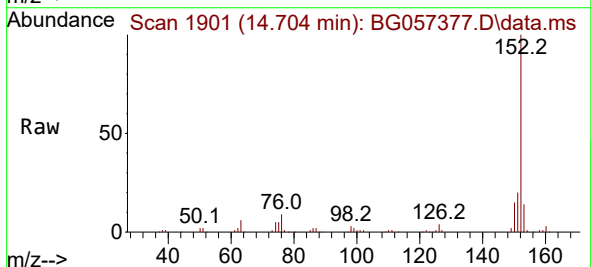
Instrument :
BNA_G
ClientSampleId :
JREC1MS

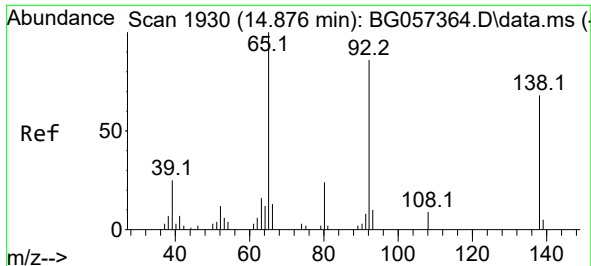
Tgt Ion:165 Resp: 21014
Ion Ratio Lower Upper
165 100
89 59.1 50.6 76.0
121 18.4 16.8 25.2



#50
Acenaphthylene
Concen: 22.933 ng/ul
RT: 14.704 min Scan# 1901
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion:152 Resp: 110670
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.6 10.1 15.1

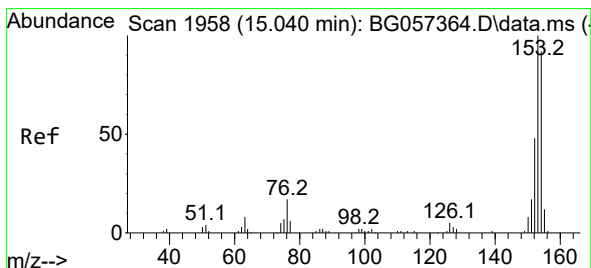
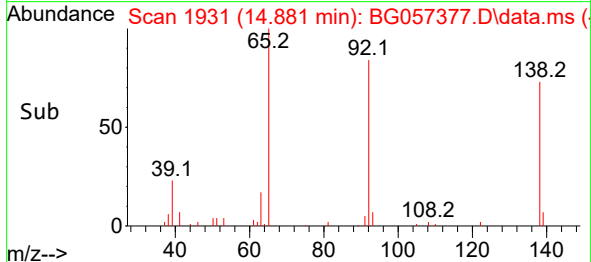
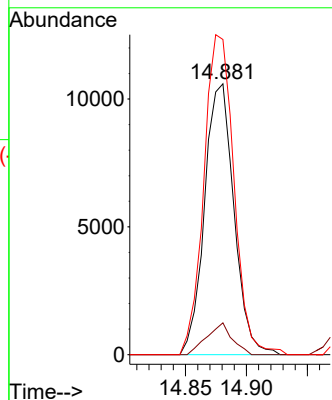
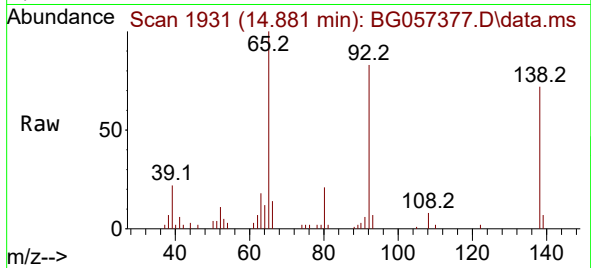




#51
3-Nitroaniline
Concen: 28.724 ng/ul
RT: 14.881 min Scan# 1931
Delta R.T. 0.005 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

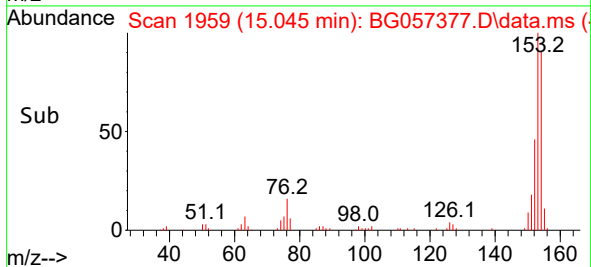
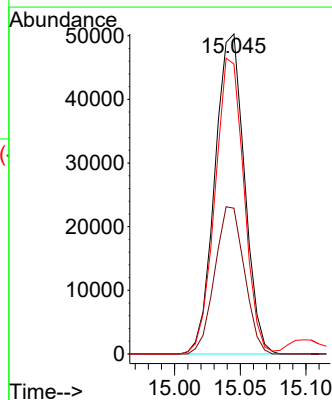
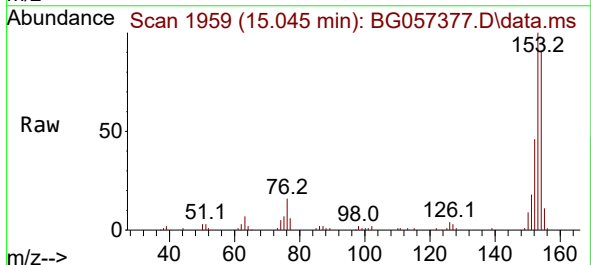
Instrument :
BNA_G
ClientSampleId :
JREC1MS

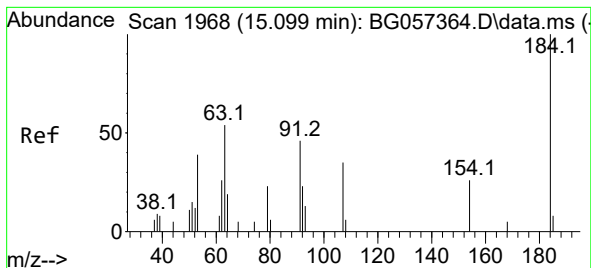
Tgt Ion:138 Resp: 17772
Ion Ratio Lower Upper
138 100
108 11.8 9.2 13.8
92 116.3 99.5 149.3



#52
Acenaphthene
Concen: 22.924 ng/ul
RT: 15.045 min Scan# 1959
Delta R.T. 0.005 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion:153 Resp: 78820
Ion Ratio Lower Upper
153 100
152 45.6 36.5 54.7
154 90.6 70.6 106.0

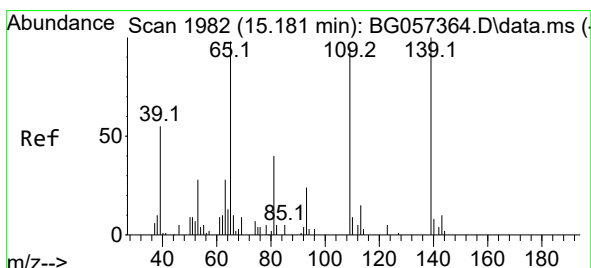
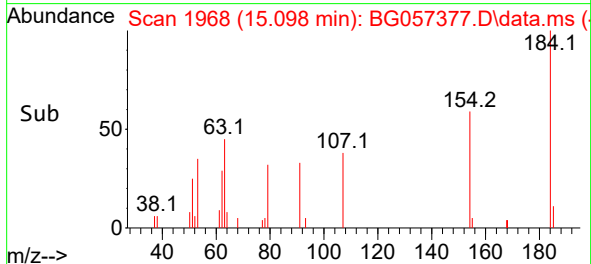
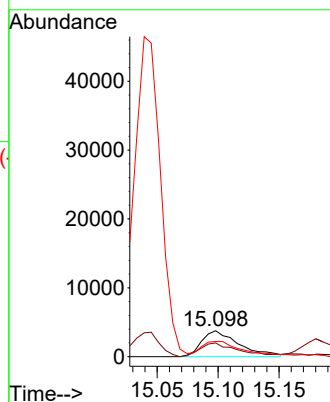
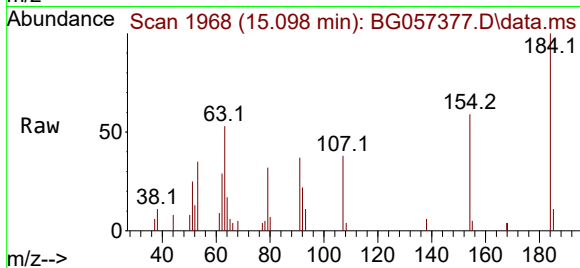




#53
2,4-Dinitrophenol
Concen: 17.215 ng/ul
RT: 15.098 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

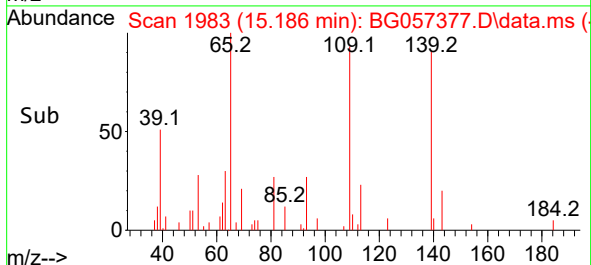
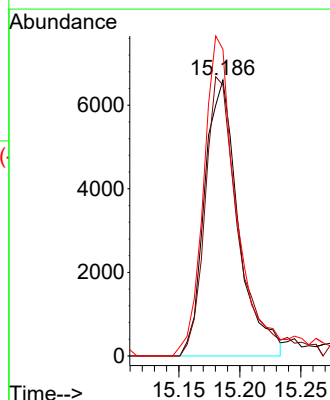
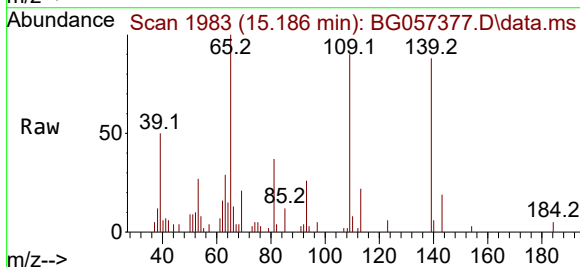
Instrument :
BNA_G
ClientSampleId :
JREC1MS

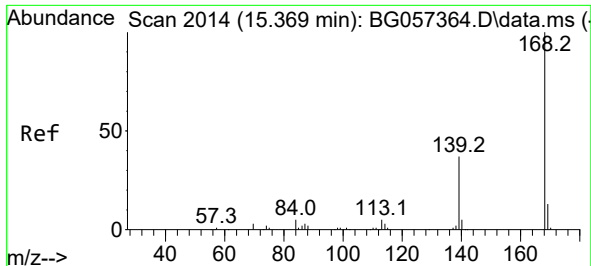
Tgt Ion:184 Resp: 8005
Ion Ratio Lower Upper
184 100
63 53.2 48.3 72.5
154 58.9 50.0 75.0



#55
4-Nitrophenol
Concen: 18.250 ng/ul
RT: 15.186 min Scan# 1983
Delta R.T. 0.005 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion:109 Resp: 12724
Ion Ratio Lower Upper
109 100
139 98.2 73.8 110.8
65 111.2 81.7 122.5

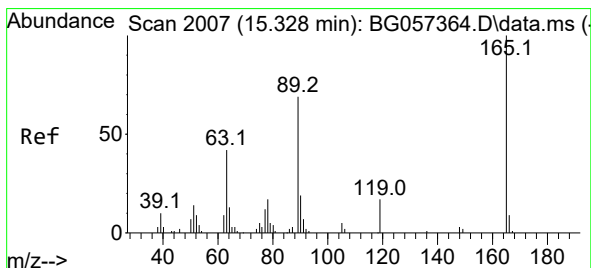
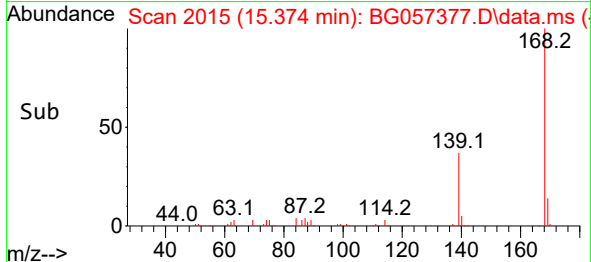
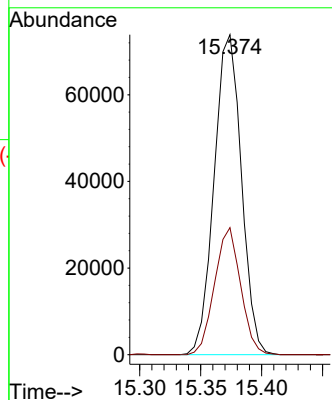
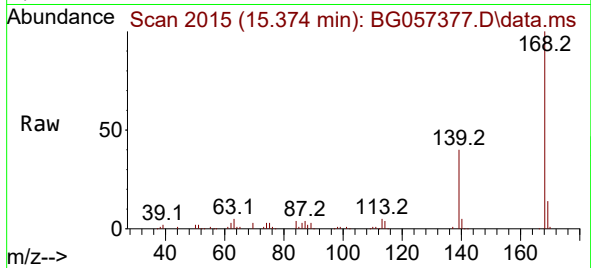




#56
Dibenzofuran
Concen: 23.167 ng/ul
RT: 15.374 min Scan# 2014
Delta R.T. 0.005 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

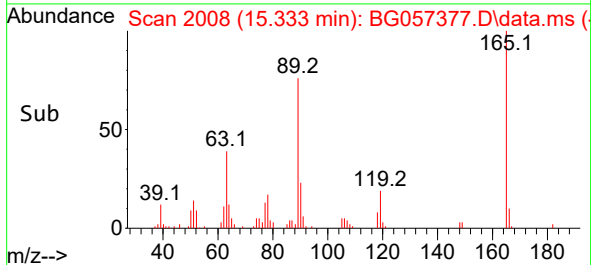
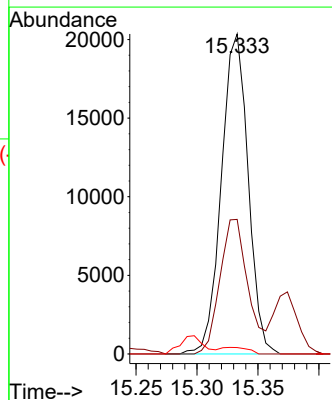
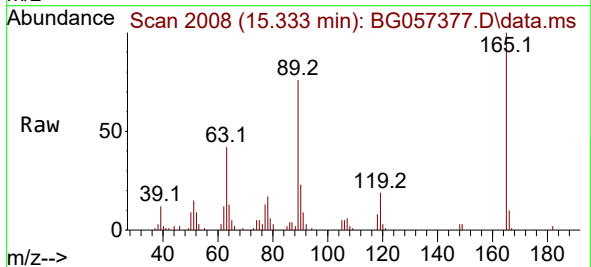
Instrument :
BNA_G
ClientSampleId :
JREC1MS

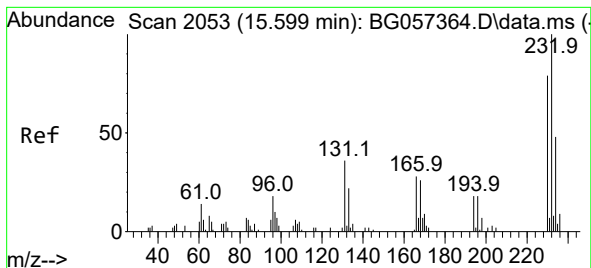
Tgt Ion:168 Resp: 115027
Ion Ratio Lower Upper
168 100
139 39.7 29.6 44.4



#57
2,4-Dinitrotoluene
Concen: 24.835 ng/ul
RT: 15.333 min Scan# 2008
Delta R.T. 0.005 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion:165 Resp: 31044
Ion Ratio Lower Upper
165 100
63 42.1 35.9 53.9
182 2.0 1.9 2.9

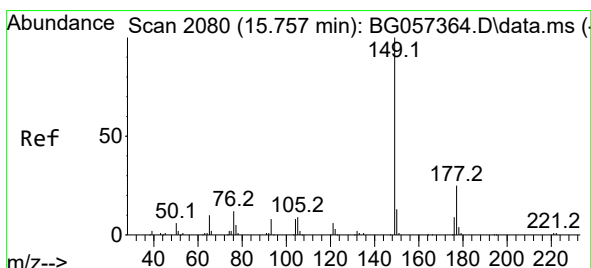
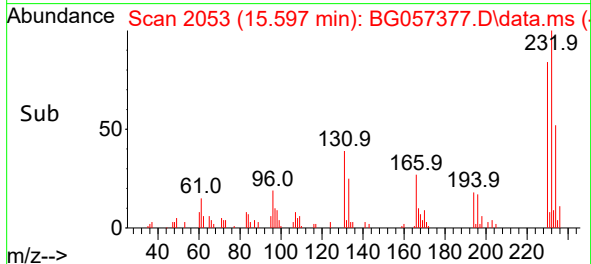
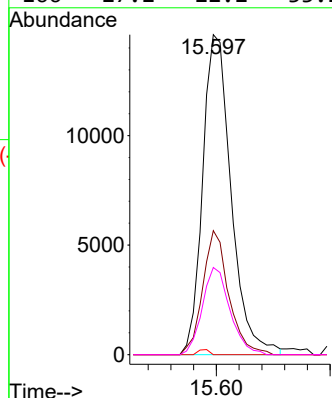
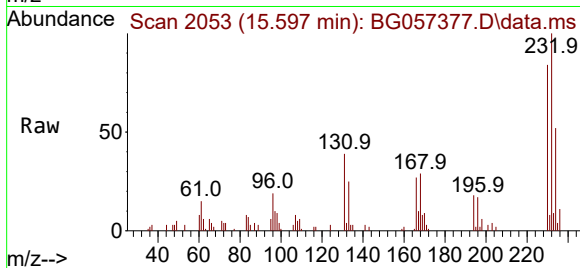




#58
2,3,4,6-Tetrachlorophenol
Concen: 23.093 ng/ul
RT: 15.597 min Scan# 2053
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

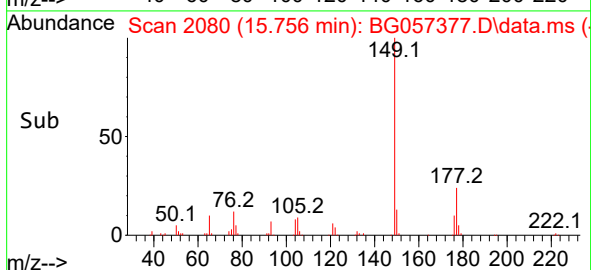
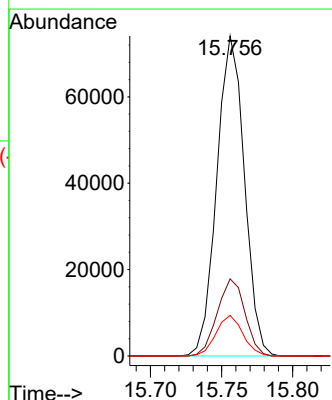
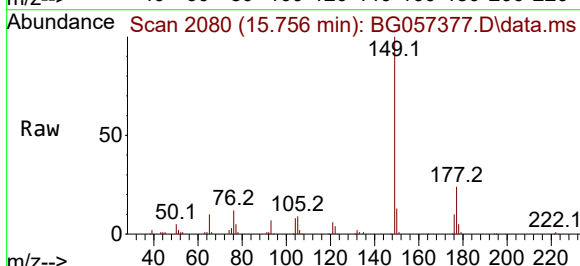
Instrument :
BNA_G
ClientSampleId :
JREC1MS

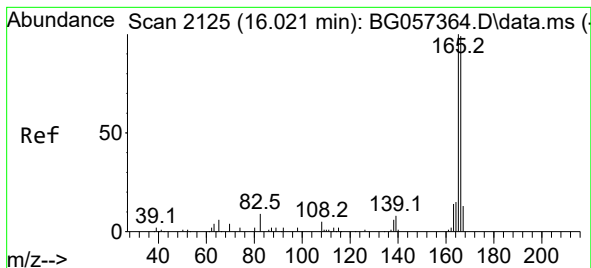
Tgt Ion:232 Resp: 25426
Ion Ratio Lower Upper
232 100
131 38.7 28.6 43.0
130 0.0 1.8 2.6#
166 27.2 22.2 33.2



#59
Diethylphthalate
Concen: 23.192 ng/ul
RT: 15.756 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion:149 Resp: 99974
Ion Ratio Lower Upper
149 100
177 24.1 18.6 28.0
150 12.7 9.8 14.8





#61

Fluorene

Concen: 23.064 ng/ul

RT: 16.020 min Scan# 2125

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

JREC1MS

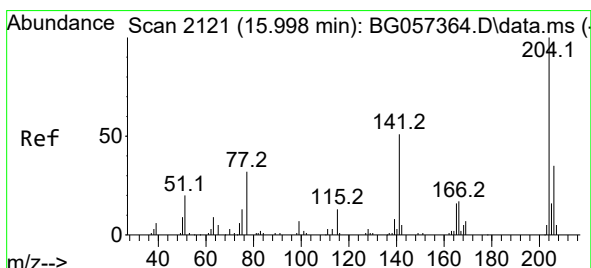
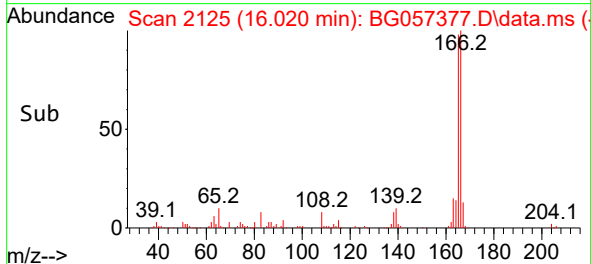
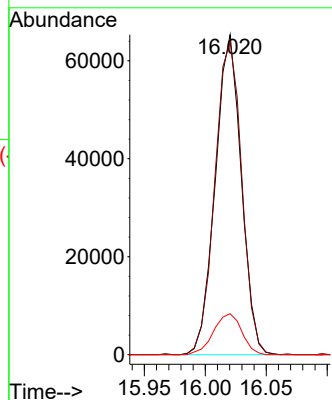
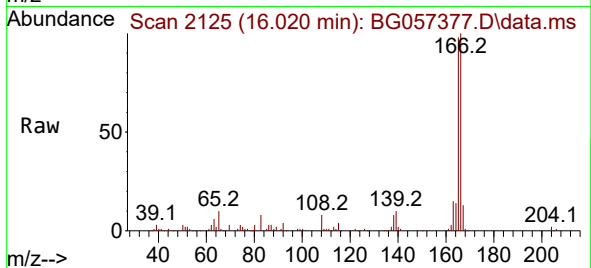
Tgt Ion:166 Resp: 96835

Ion Ratio Lower Upper

166 100

165 97.6 80.1 120.1

167 12.8 10.2 15.4



#62

4-Chlorophenyl-phenylether

Concen: 23.480 ng/ul

RT: 15.997 min Scan# 2121

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

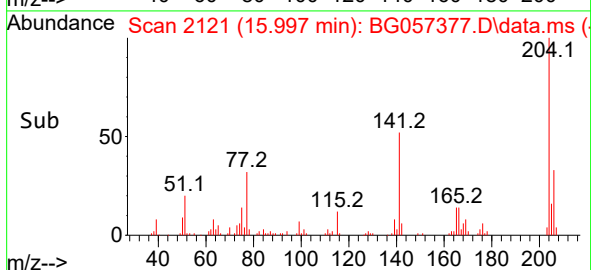
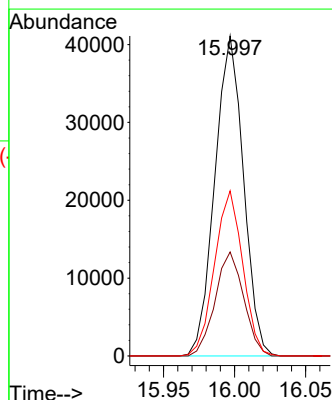
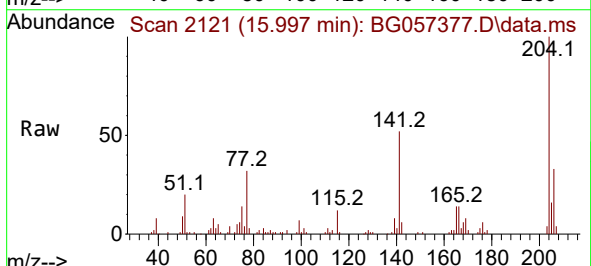
Tgt Ion:204 Resp: 57539

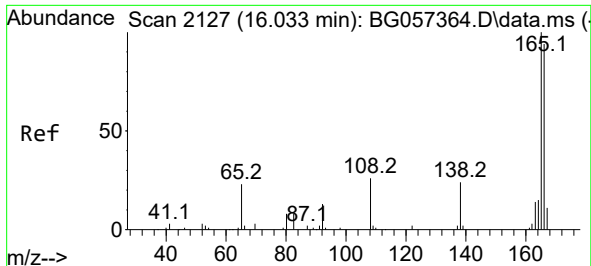
Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

141 51.6 41.5 62.3

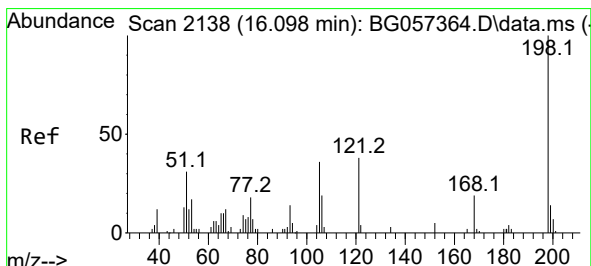
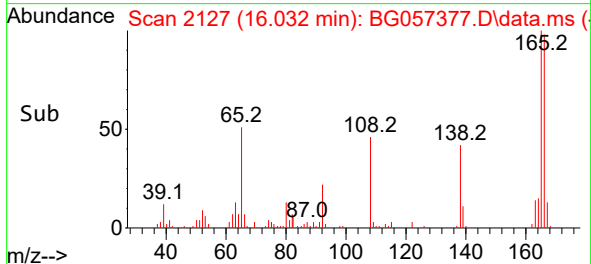
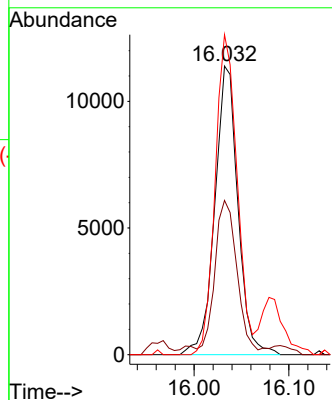
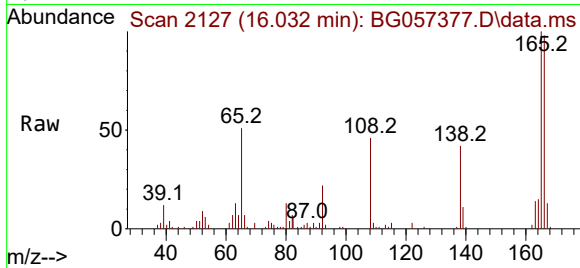




#63
4-Nitroaniline
Concen: 32.966 ng/ul
RT: 16.032 min Scan# 2127
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

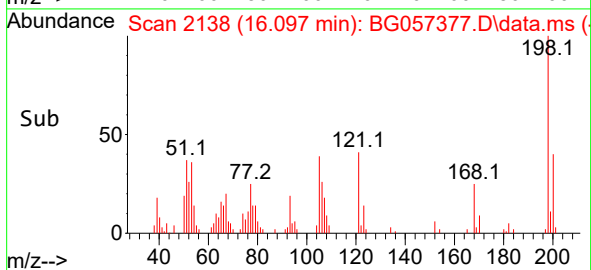
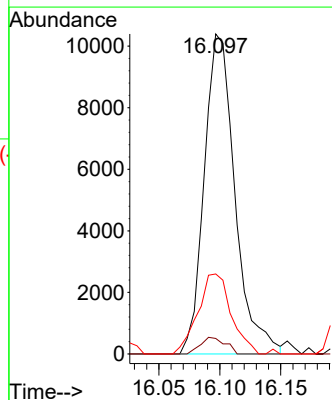
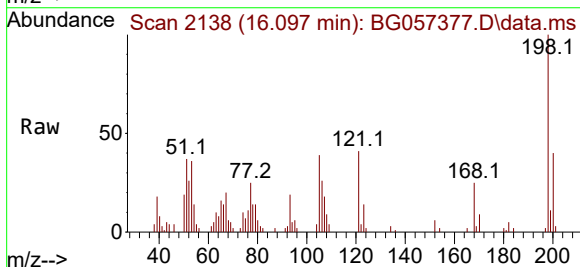
Instrument :
BNA_G
ClientSampleId :
JREC1MS

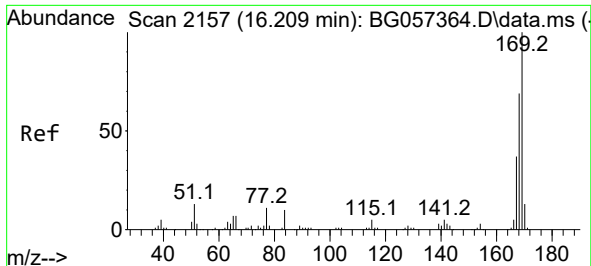
Tgt Ion:138 Resp: 19315
Ion Ratio Lower Upper
138 100
92 53.5 39.9 59.9
108 110.9 89.1 133.7



#66
4,6-Dinitro-2-methylphenol
Concen: 22.884 ng/ul
RT: 16.097 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion:198 Resp: 18236
Ion Ratio Lower Upper
198 100
182 4.8 3.0 4.6#
77 25.0 20.1 30.1

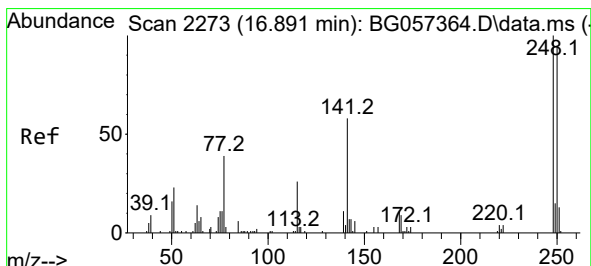
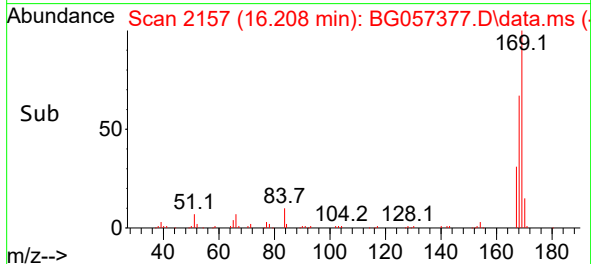
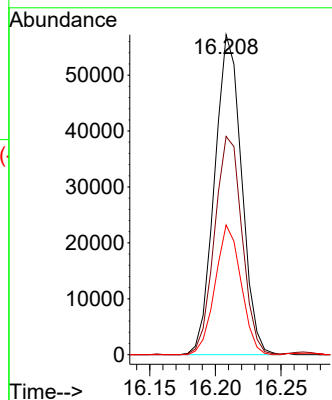
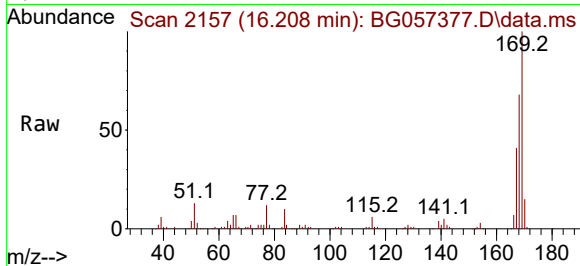




#67
 N-Nitrosodiphenylamine
 Concen: 23.732 ng/ul
 RT: 16.208 min Scan# 2157
 Delta R.T. -0.001 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

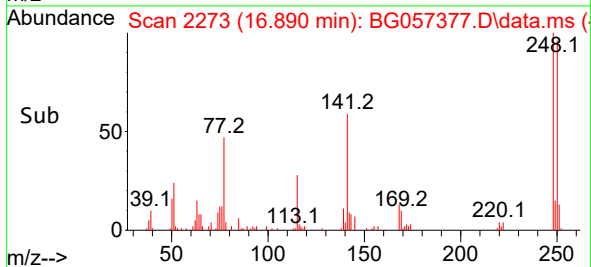
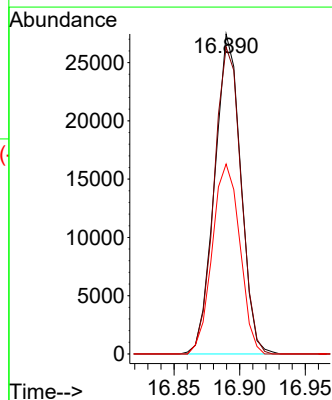
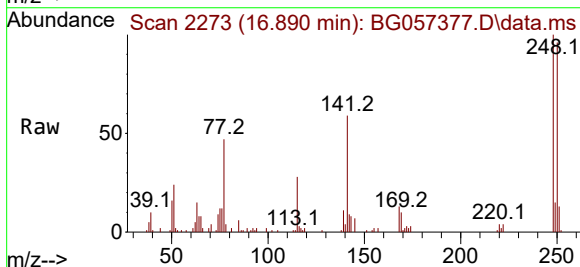
Instrument :
 BNA_G
 ClientSampleId :
 JREC1MS

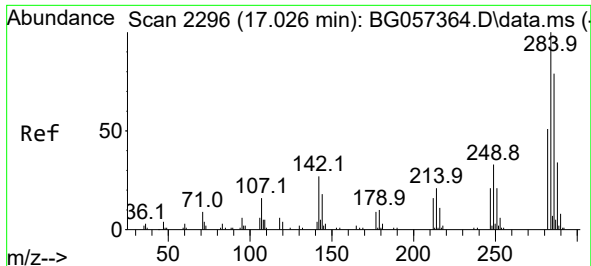
Tgt Ion:169	Resp:	81827
Ion Ratio	Lower	Upper
169	100	
168	68.2	55.4 83.2
167	40.6	31.0 46.4



#68
 4-Bromophenyl-phenylether
 Concen: 24.146 ng/ul
 RT: 16.890 min Scan# 2273
 Delta R.T. -0.001 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

Tgt Ion:248	Resp:	38093
Ion Ratio	Lower	Upper
248	100	
250	95.9	74.8 112.2
141	59.3	47.8 71.6

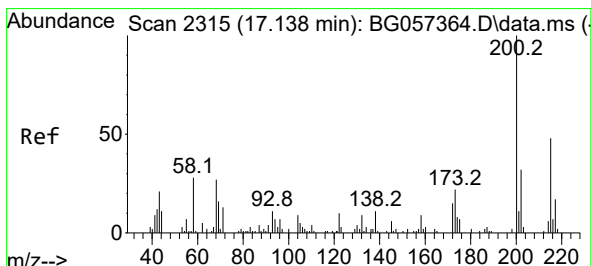
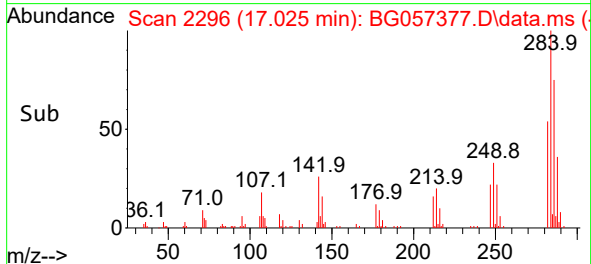
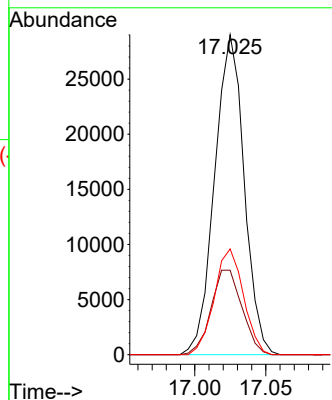
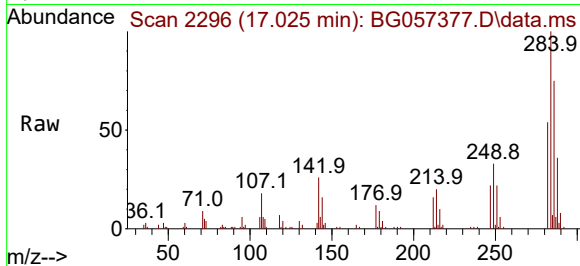




#69
Hexachlorobenzene
Concen: 25.203 ng/ul
RT: 17.025 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

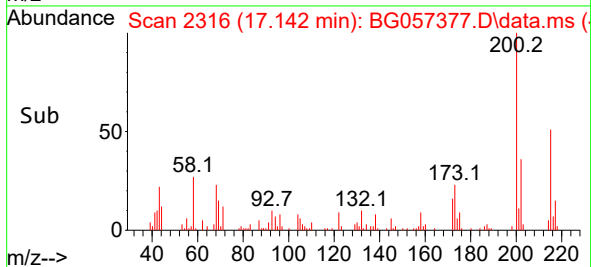
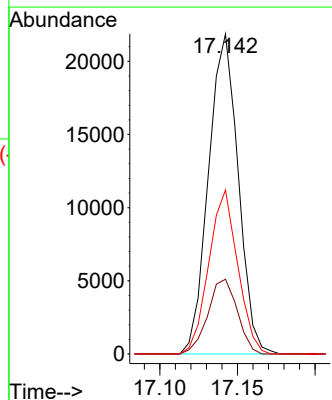
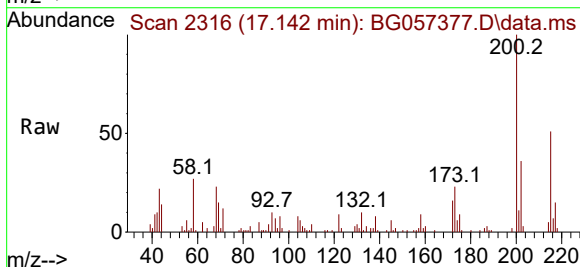
Instrument :
BNA_G
ClientSampleId :
JREC1MS

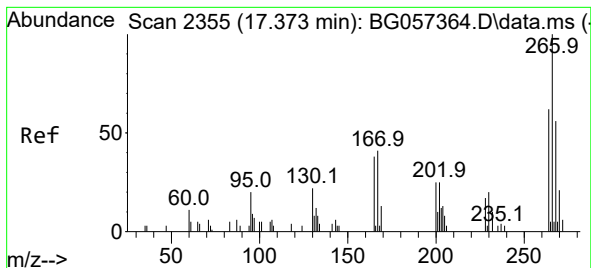
Tgt Ion:284 Resp: 41869
Ion Ratio Lower Upper
284 100
142 26.4 22.6 33.8
249 33.0 26.2 39.2



#70
Atrazine
Concen: 18.995 ng/ul
RT: 17.142 min Scan# 2316
Delta R.T. 0.005 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion:200 Resp: 29108
Ion Ratio Lower Upper
200 100
173 23.3 17.8 26.6
215 51.3 40.3 60.5





#71

Pentachlorophenol

Concen: 14.787 ng/ul

RT: 17.377 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

JREC1MS

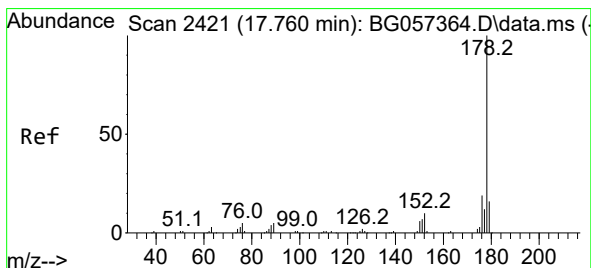
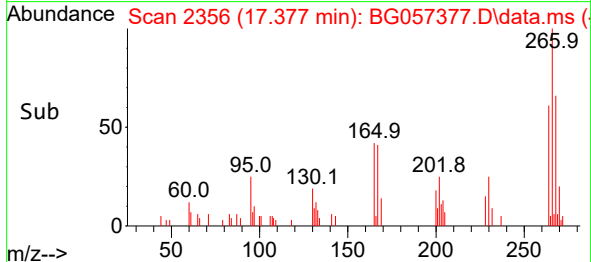
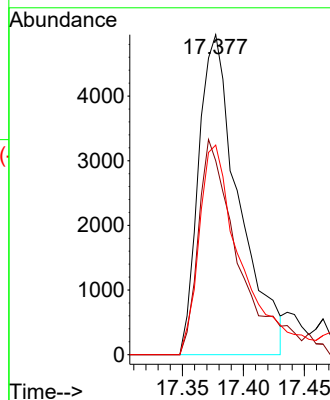
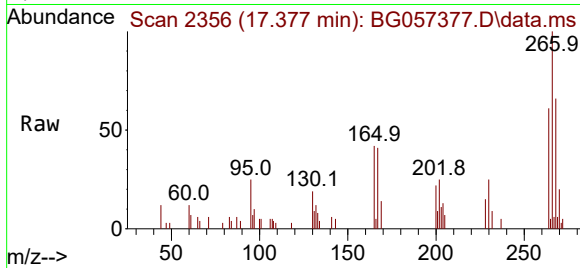
Tgt Ion:266 Resp: 11355

Ion Ratio Lower Upper

266 100

264 60.6 47.8 71.6

268 65.5 48.2 72.4



#72

Phenanthrene

Concen: 24.235 ng/ul

RT: 17.759 min Scan# 2421

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

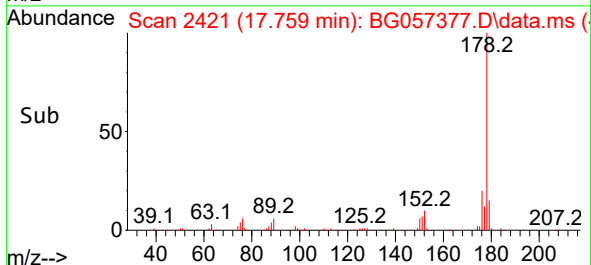
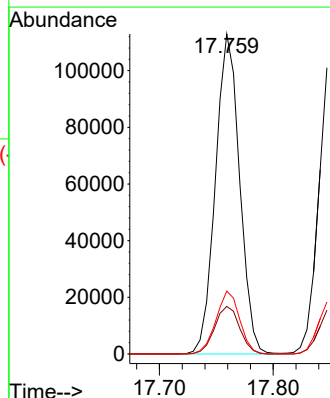
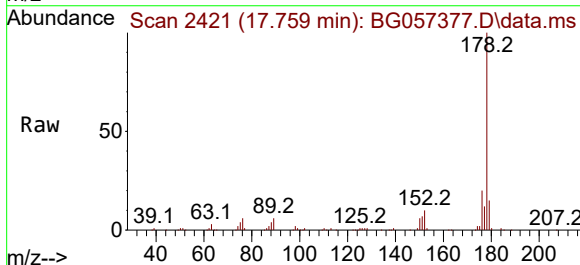
Tgt Ion:178 Resp: 166580

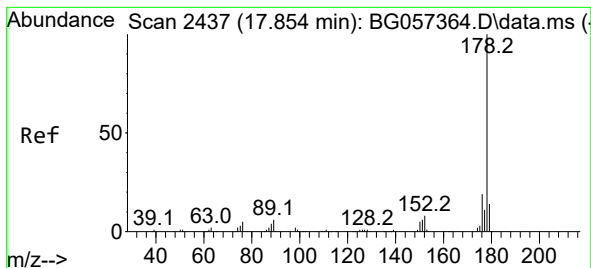
Ion Ratio Lower Upper

178 100

179 14.8 11.8 17.8

176 19.6 15.4 23.0





#74

Anthracene

Concen: 23.939 ng/uI

RT: 17.853 min Scan# 2437

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

JREC1MS

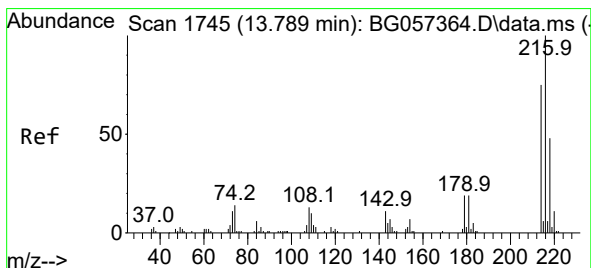
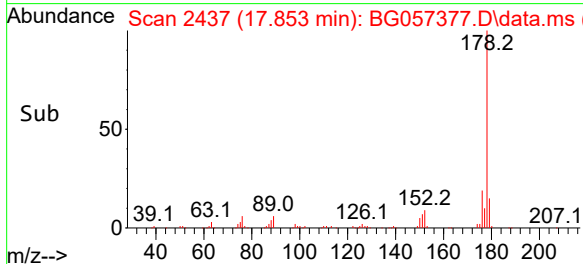
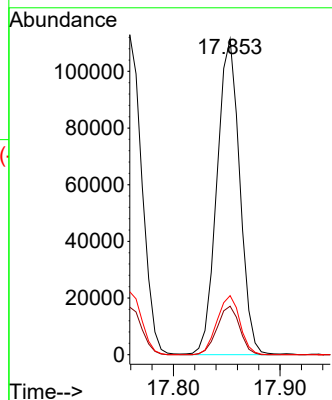
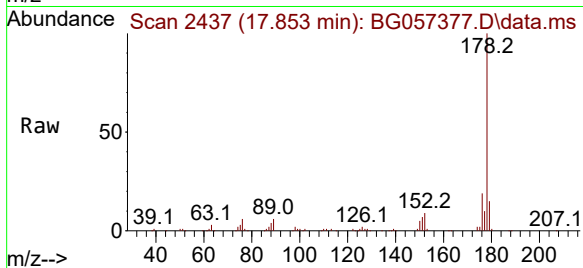
Tgt Ion:178 Resp: 165285

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.7 14.7 22.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 24.507 ng/uI

RT: 13.788 min Scan# 1745

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

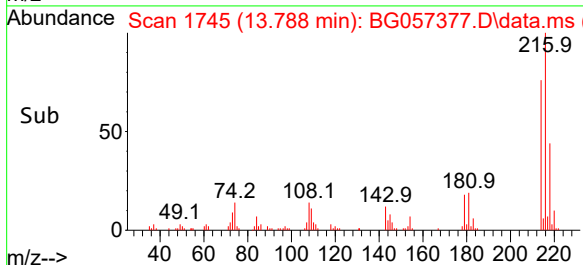
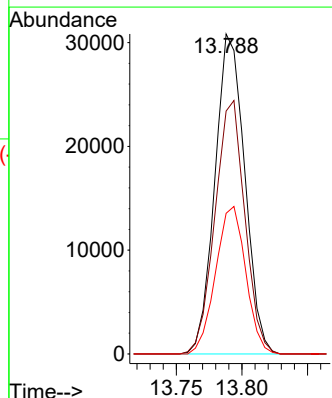
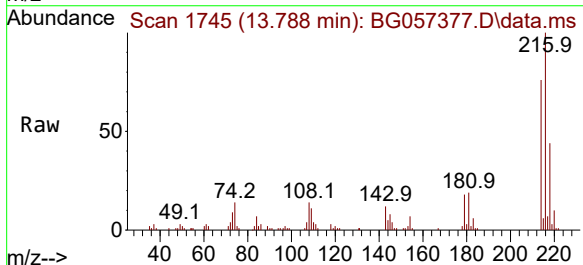
Tgt Ion:216 Resp: 48654

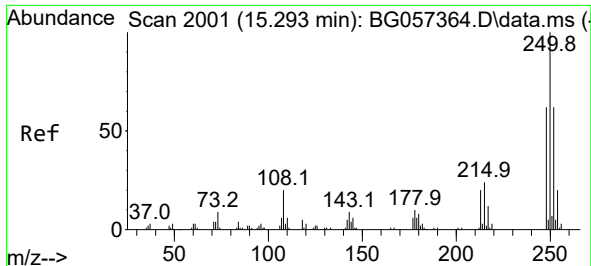
Ion Ratio Lower Upper

216 100

214 75.9 64.3 96.5

218 44.0 38.5 57.7

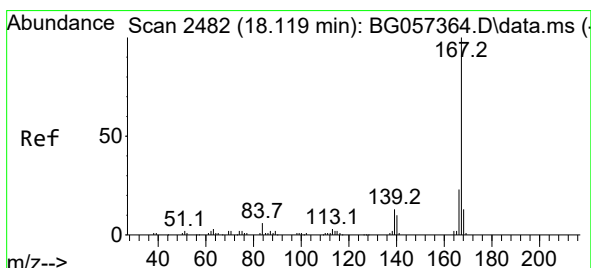
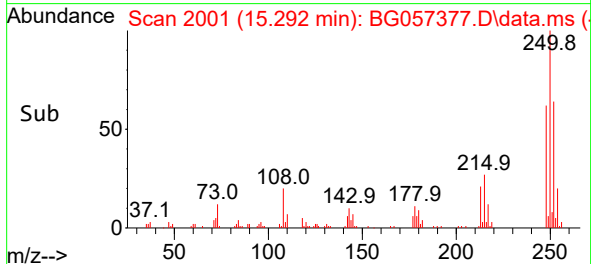
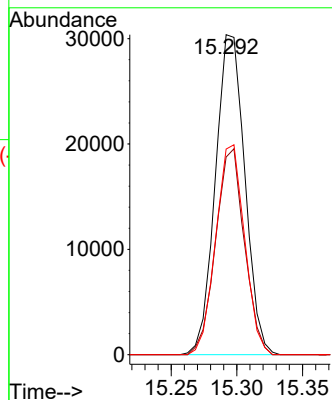
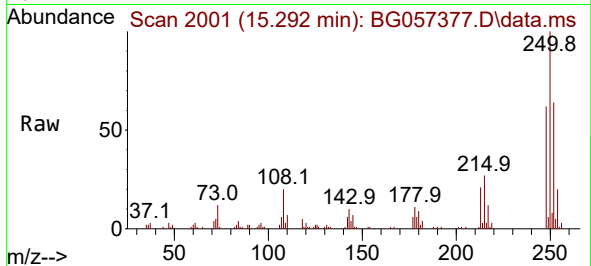




#76
 Pentachlorobenzene
 Concen: 23.471 ng/uL
 RT: 15.292 min Scan# 2001
 Delta R.T. -0.001 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

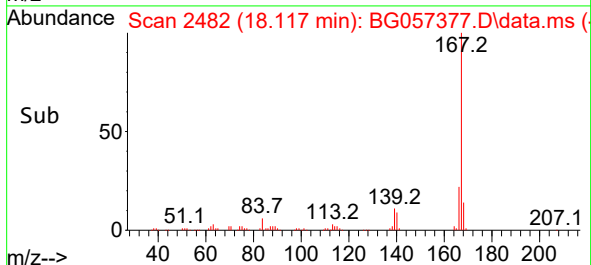
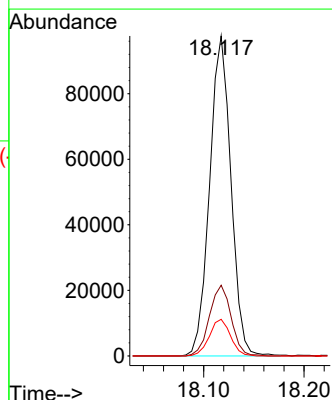
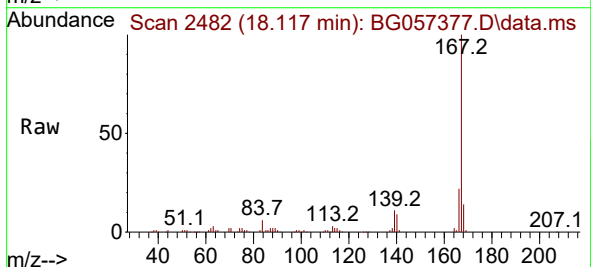
Instrument :
 BNA_G
 ClientSampleId :
 JREC1MS

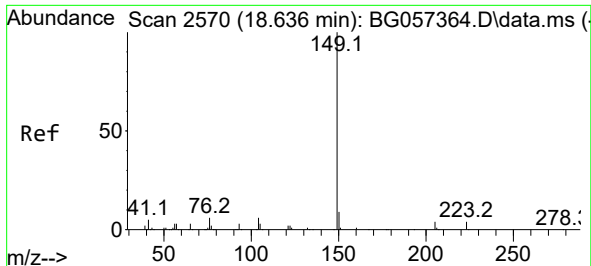
Tgt Ion:250 Resp: 47430
 Ion Ratio Lower Upper
 250 100
 248 61.7 52.2 78.2
 252 64.3 52.5 78.7



#77
 Carbazole
 Concen: 25.001 ng/uL
 RT: 18.117 min Scan# 2482
 Delta R.T. -0.001 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

Tgt Ion:167 Resp: 144259
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 11.5 10.3 15.5

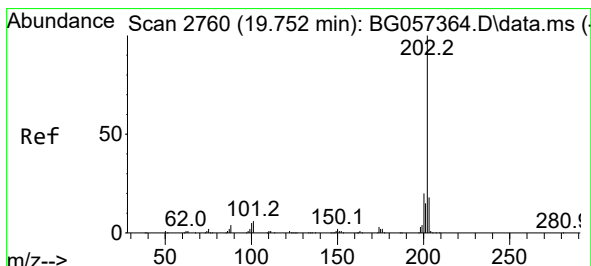
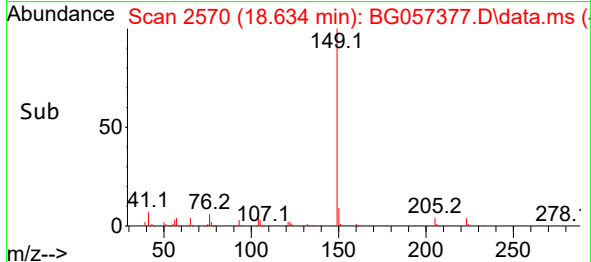
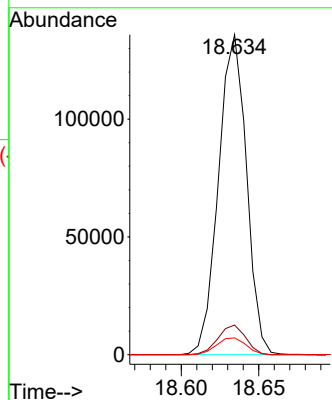
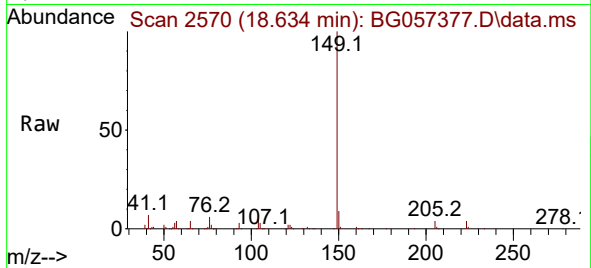




#78
Di-n-butylphthalate
Concen: 25.827 ng/ul
RT: 18.634 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

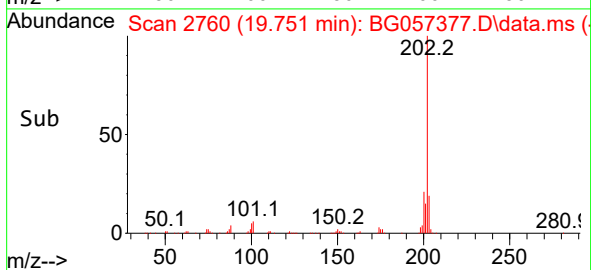
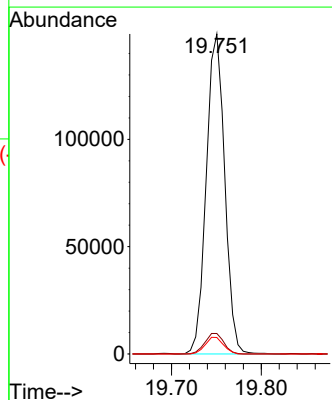
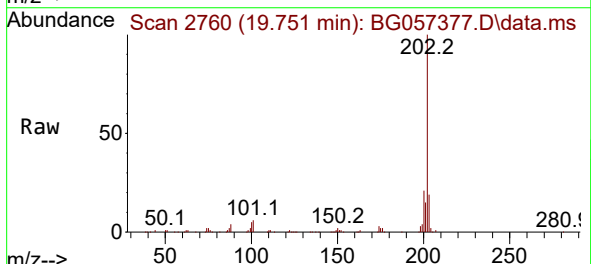
Instrument :
BNA_G
ClientSampleId :
JREC1MS

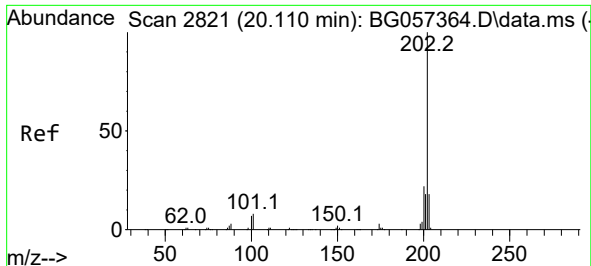
Tgt Ion:149 Resp: 170412
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.3 5.0 7.6



#80
Fluoranthene
Concen: 24.743 ng/ul
RT: 19.751 min Scan# 2760
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion:202 Resp: 212475
Ion Ratio Lower Upper
202 100
101 6.4 5.8 8.6
100 5.2 4.6 7.0

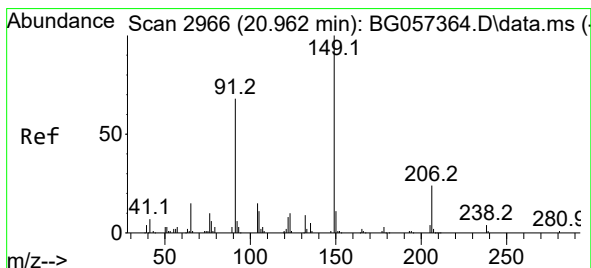
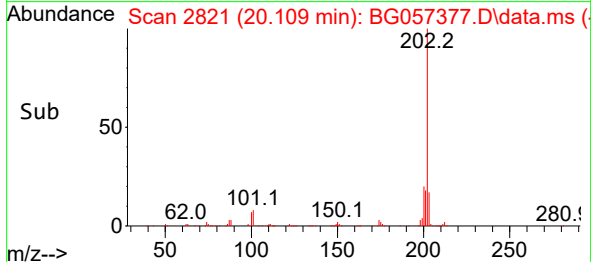
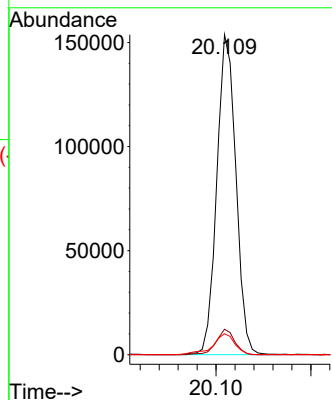
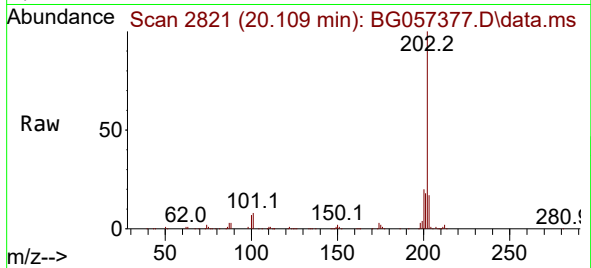




#82
 Pyrene
 Concen: 24.751 ng/ul
 RT: 20.109 min Scan# 2821
 Delta R.T. -0.001 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

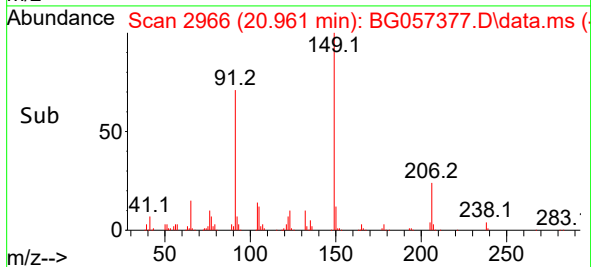
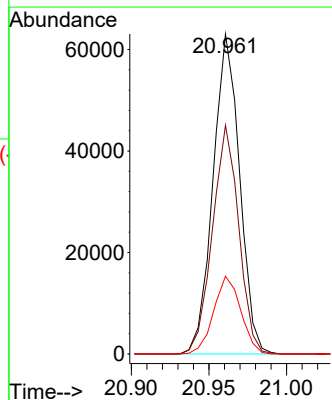
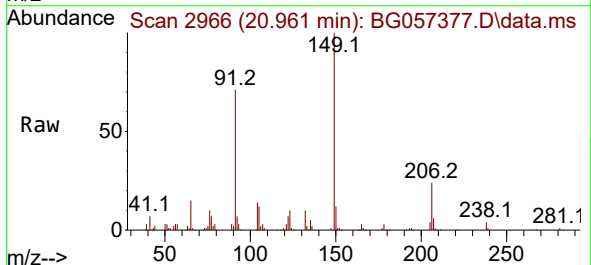
Instrument :
 BNA_G
 ClientSampleId :
 JREC1MS

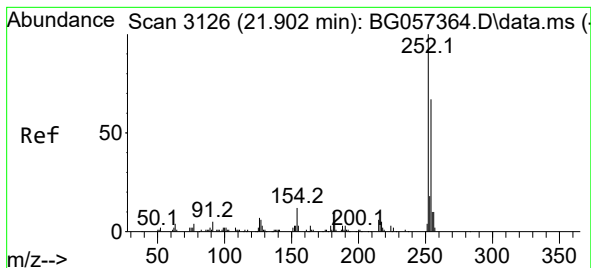
Tgt Ion:202 Resp: 215168
 Ion Ratio Lower Upper
 202 100
 101 8.0 5.7 8.5
 100 6.6 6.0 9.0



#83
 Butylbenzylphthalate
 Concen: 26.978 ng/ul
 RT: 20.961 min Scan# 2966
 Delta R.T. -0.001 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

Tgt Ion:149 Resp: 75106
 Ion Ratio Lower Upper
 149 100
 91 71.4 58.6 87.8
 206 24.3 19.8 29.8





#84

3,3'-Dichlorobenzidine

Concen: 22.564 ng/ul

RT: 21.901 min Scan# 3126

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

JREC1MS

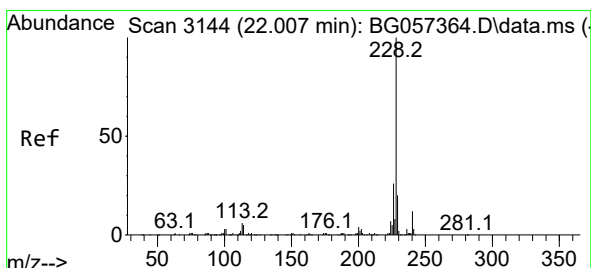
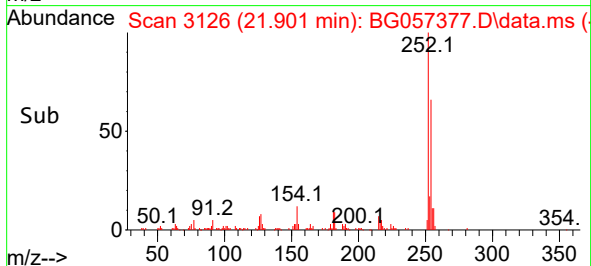
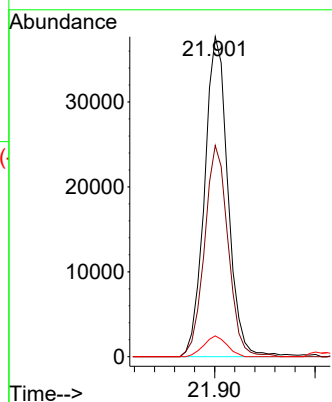
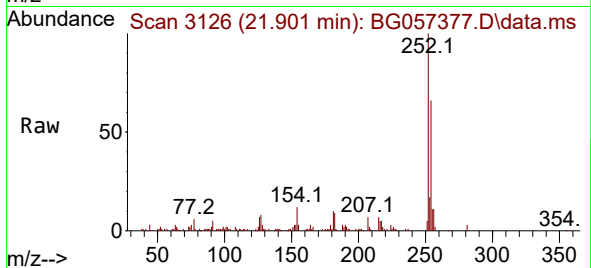
Tgt Ion:252 Resp: 61032

Ion Ratio Lower Upper

252 100

254 66.0 53.7 80.5

126 6.5 5.2 7.8



#85

Benzo(a)anthracene

Concen: 25.122 ng/ul

RT: 22.006 min Scan# 3144

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

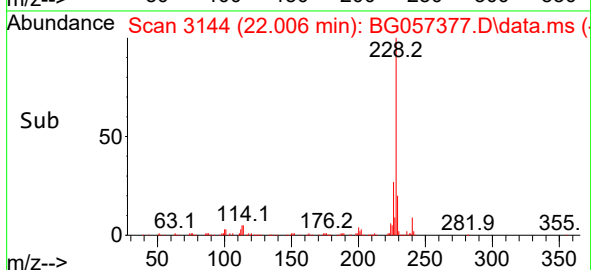
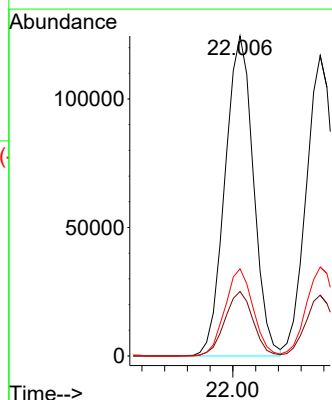
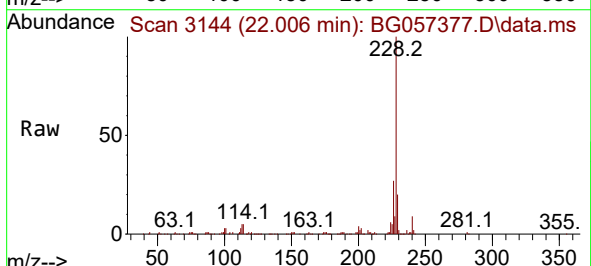
Tgt Ion:228 Resp: 216392

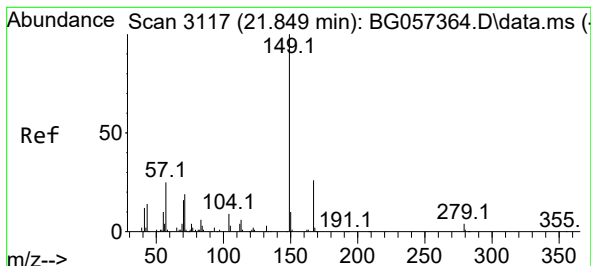
Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 27.2 21.7 32.5

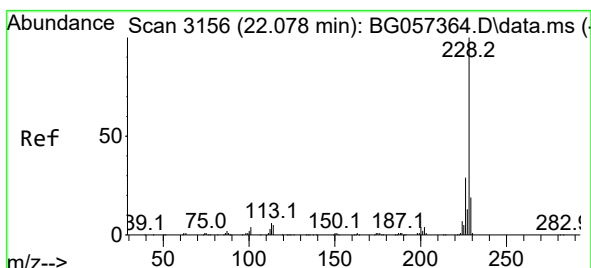
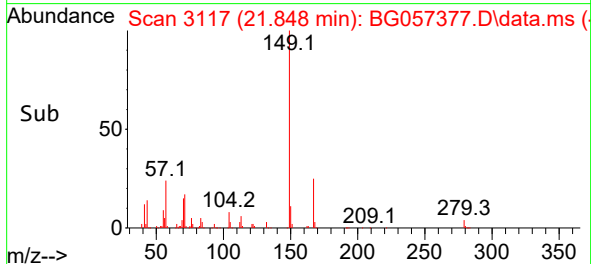
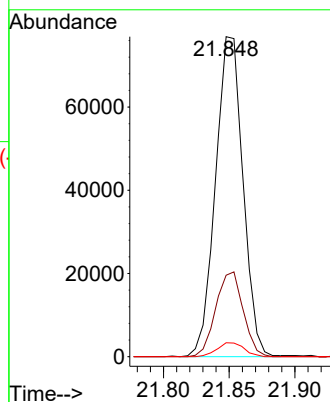
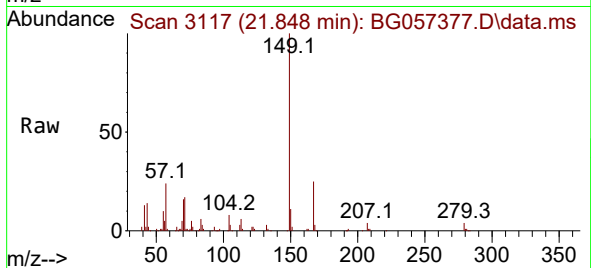




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 27.655 ng/ul
 RT: 21.848 min Scan# 3117
 Delta R.T. -0.001 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

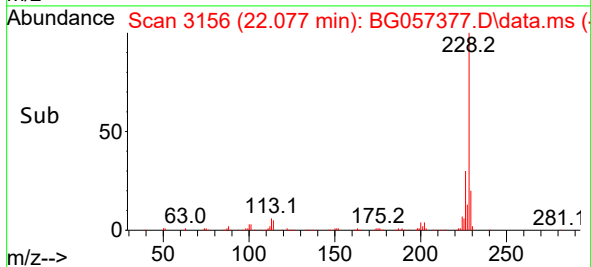
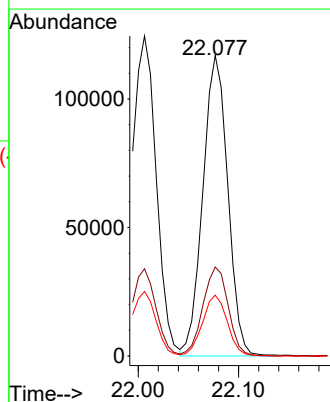
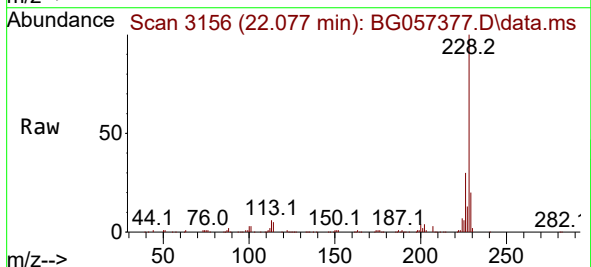
Instrument :
 BNA_G
 ClientSampleId :
 JREC1MS

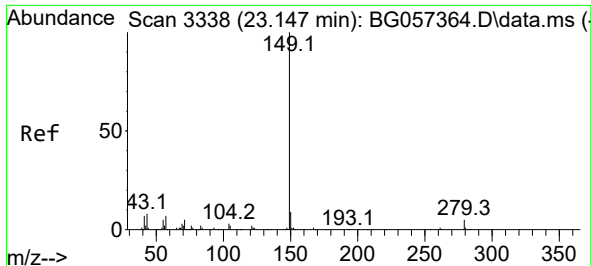
Tgt Ion:149 Resp: 111976
 Ion Ratio Lower Upper
 149 100
 167 25.5 23.0 34.6
 279 4.3 3.6 5.4



#87
 Chrysene
 Concen: 24.878 ng/ul
 RT: 22.077 min Scan# 3156
 Delta R.T. -0.001 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

Tgt Ion:228 Resp: 202178
 Ion Ratio Lower Upper
 228 100
 226 29.6 22.8 34.2
 229 20.2 15.5 23.3

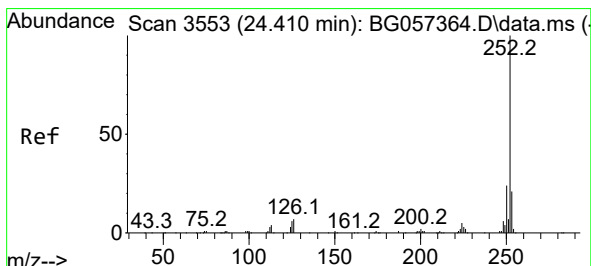
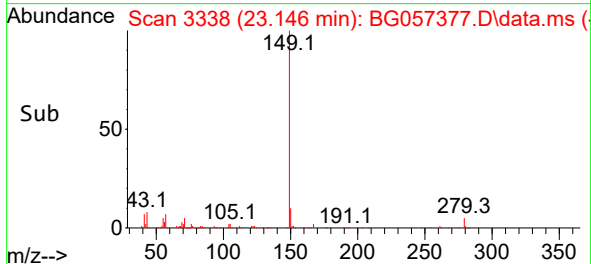
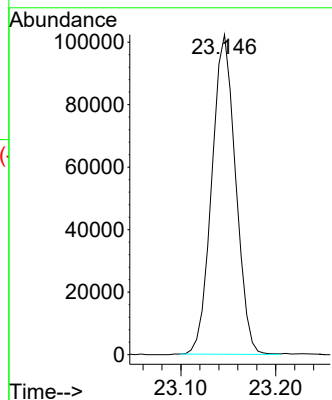
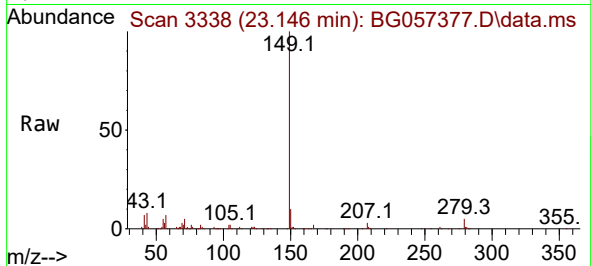




#89
Di-n-octyl phthalate
Concen: 24.737 ng/ul
RT: 23.146 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

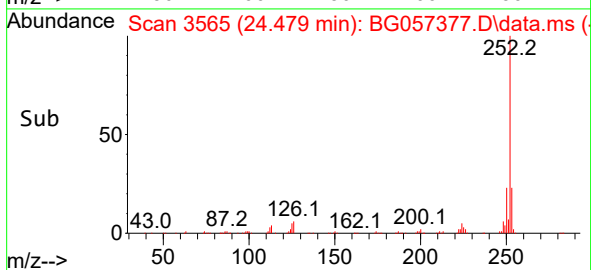
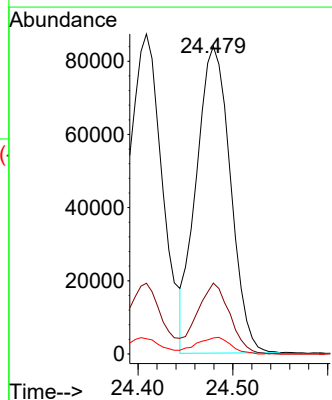
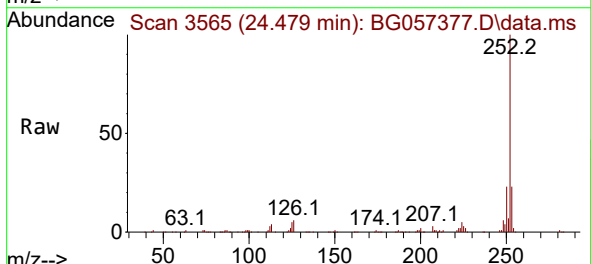
Instrument :
BNA_G
ClientSampleId :
JREC1MS

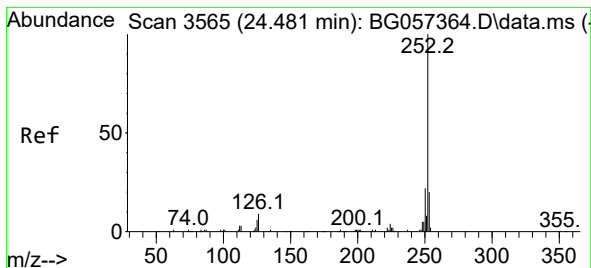
Tgt Ion:149 Resp: 178281



#90
Benzo(b)fluoranthene
Concen: 23.234 ng/ul
RT: 24.479 min Scan# 3565
Delta R.T. 0.069 min
Lab File: BG057377.D
Acq: 10 May 2023 20:20

Tgt Ion:252 Resp: 209982
Ion Ratio Lower Upper
252 100
253 23.0 16.7 25.1
125 5.2 4.8 7.2





#91

Benzo(k)fluoranthene

Concen: 23.882 ng/ul

RT: 24.479 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

JREC1MS

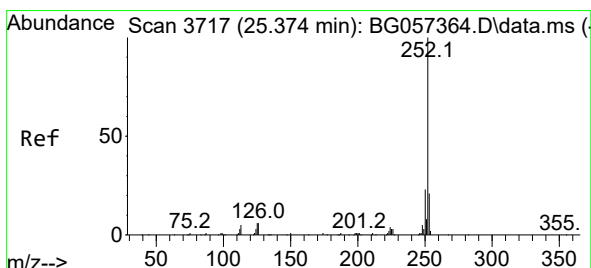
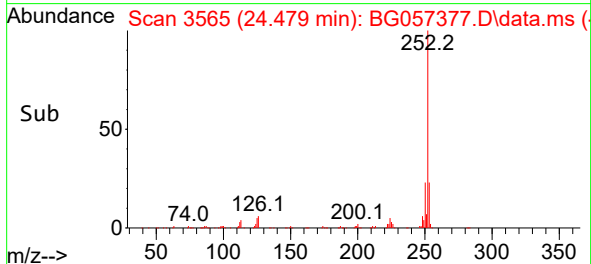
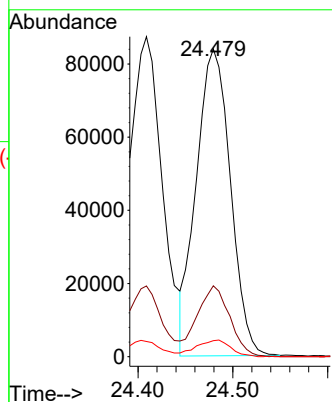
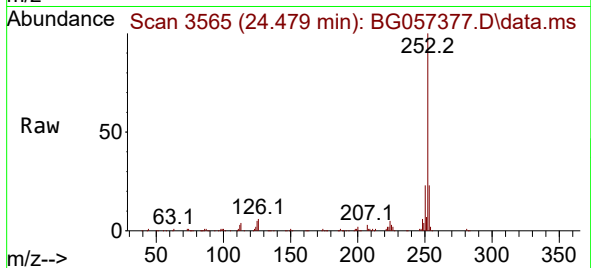
Tgt Ion:252 Resp: 209982

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 5.2 4.5 6.7



#93

Benzo(a)pyrene

Concen: 23.964 ng/ul

RT: 25.366 min Scan# 3716

Delta R.T. -0.007 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

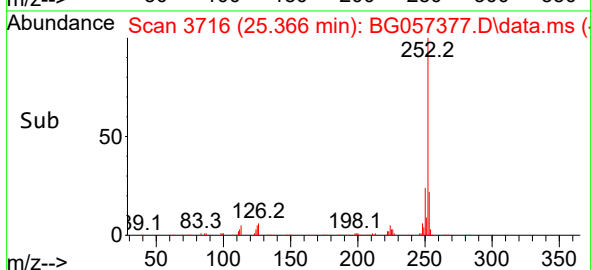
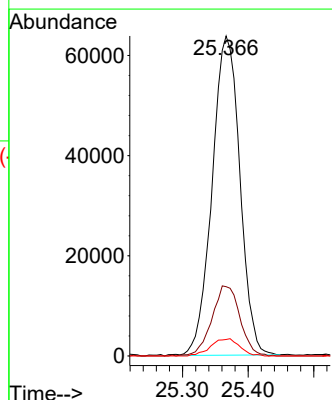
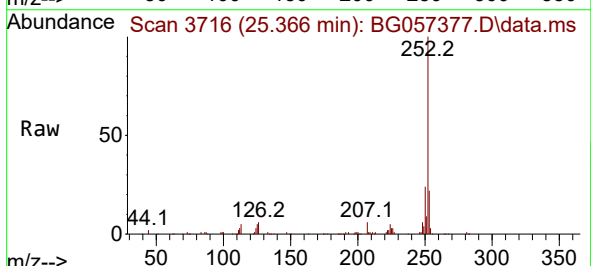
Tgt Ion:252 Resp: 186978

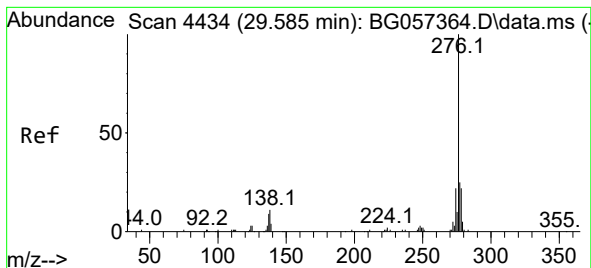
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 5.2 5.1 7.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 24.675 ng/ul

RT: 29.584 min Scan# 4434

Delta R.T. -0.001 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

JREC1MS

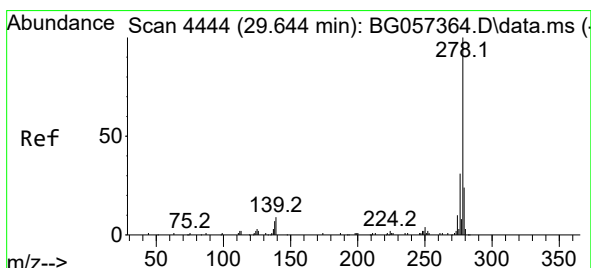
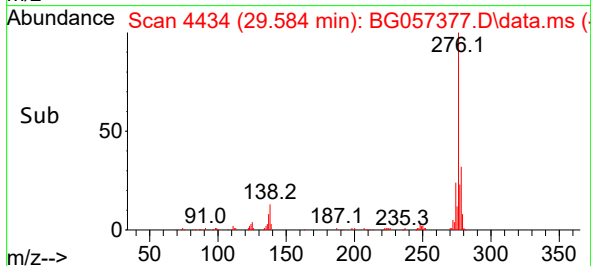
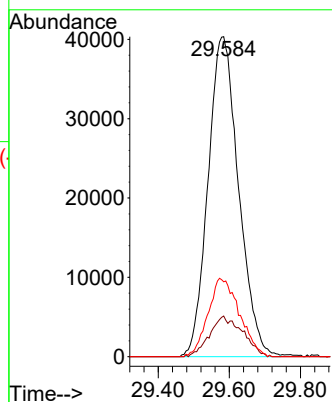
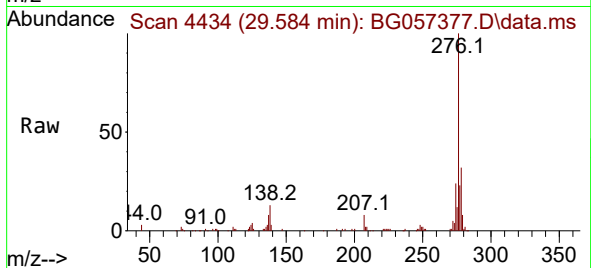
Tgt Ion:276 Resp: 240664

Ion Ratio Lower Upper

276 100

138 12.7 9.4 14.2

277 23.4 18.6 28.0



#95

Dibenzo(a,h)anthracene

Concen: 24.752 ng/ul

RT: 29.637 min Scan# 4443

Delta R.T. -0.007 min

Lab File: BG057377.D

Acq: 10 May 2023 20:20

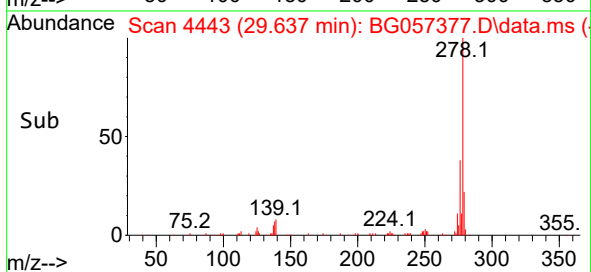
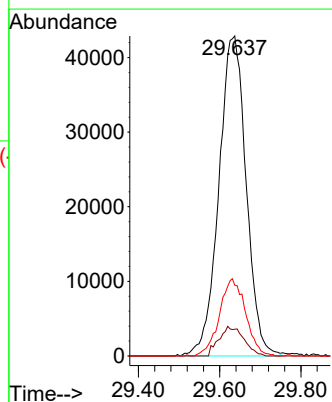
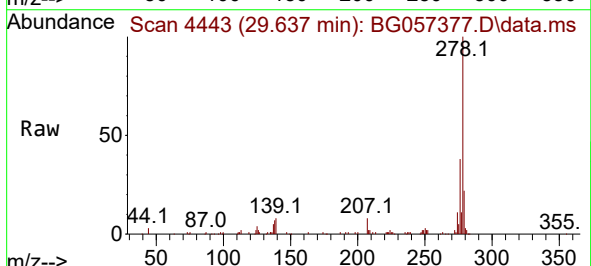
Tgt Ion:278 Resp: 200180

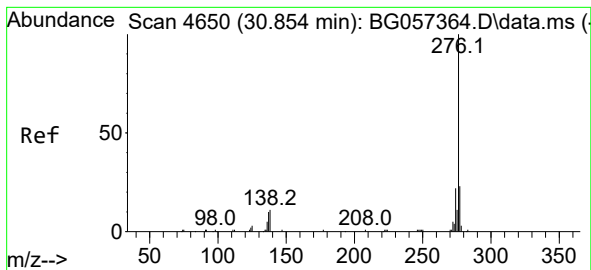
Ion Ratio Lower Upper

278 100

139 8.3 5.8 8.6

279 22.1 18.3 27.5





#96
 Benzo(g,h,i)perylene
 Concen: 22.703 ng/ul
 RT: 30.853 min Scan# 4
 Delta R.T. -0.001 min
 Lab File: BG057377.D
 Acq: 10 May 2023 20:20

Instrument :
 BNA_G
 ClientSampleId :
 JREC1MS

Tgt Ion:276 Resp: 179207
 Ion Ratio Lower Upper
 276 100
 138 11.7 8.7 13.1
 277 19.7 18.4 27.6

