

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057279.D
 Acq On : 2 May 2023 15:05
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 01:05:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	16740	20.000	ng/u1	0.00
20) Naphthalene-d8	11.221	136	68028	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.998	164	48846	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.736	188	111317	20.000	ng/u1	0.00
79) Chrysene-d12	22.053	240	91444	20.000	ng/u1	# 0.00
88) Perylene-d12	25.572	264	96743	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.667	96	2591	6.811	ng/uL	0.00
4) Pyridine-d5	4.101	84	22858	19.059	ng/u1	0.00
7) Phenol-d5	7.520	99	33161	20.947	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	18649	20.028	ng/u1	0.00
11) 2-Chlorophenol-d4	7.908	132	23756	22.771	ng/u1	0.00
15) 4-Methylphenol-d8	9.083	113	26512	22.034	ng/u1	0.00
21) Nitrobenzene-d5	9.559	128	12544	23.155	ng/u1	0.00
24) 2-Nitrophenol-d4	10.287	143	15122	23.918	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.833	165	30091	24.669	ng/u1	0.00
31) 4-Chloroaniline-d4	11.350	131	34414	21.287	ng/u1	0.00
46) Dimethylphthalate-d6	14.381	166	86679	22.395	ng/u1	0.00
49) Acenaphthylene-d8	14.699	160	102466	23.555	ng/u1	0.00
54) 4-Nitrophenol-d4	15.180	143	11465	20.350	ng/u1	0.00
60) Fluorene-d10	15.985	176	79867	22.151	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.103	200	11941	18.105	ng/u1	0.00
73) Anthracene-d10	17.836	188	120502	23.716	ng/u1	0.00
81) Pyrene-d10	20.103	212	130548	24.052	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.331	264	115242	23.381	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.702	88	2888	7.159	ng/uL	86
5) Pyridine	4.125	79	23739	18.778	ng/u1	97
6) Benzaldehyde	7.508	77	13704	28.342	ng/u1	89
8) Phenol	7.550	94	33967	21.288	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.784	93	24107	20.187	ng/u1	92
12) 2-Chlorophenol	7.943	128	25220	23.015	ng/u1	99
13) 2-Methylphenol	8.818	108	26196	21.184	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.906	45	29554	19.195	ng/u1	95
16) Acetophenone	9.212	105	42596	20.573	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.183	70	23866	20.059	ng/u1	98
18) 4-Methylphenol	9.147	108	27846	20.804	ng/u1	88
19) Hexachloroethane	9.482	117	10476	22.849	ng/u1#	79
22) Nitrobenzene	9.606	77	36874	22.858	ng/u1	99
23) Isophorone	10.122	82	63231	20.601	ng/u1	99
25) 2-Nitrophenol	10.322	139	15545	24.275	ng/u1	92
26) 2,4-Dimethylphenol	10.363	107	33013	22.725	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.592	93	33354	20.905	ng/u1	97
29) 2,4-Dichlorophenol	10.863	162	27877	24.078	ng/u1	98
30) Naphthalene	11.274	128	83631	22.390	ng/u1	99
32) 4-Chloroaniline	11.374	127	34888	20.711	ng/u1	94
33) Hexachlorobutadiene	11.544	225	24346	24.792	ng/u1	97
34) Caprolactam	12.126	113	7952	20.402	ng/u1	97
35) 4-Chloro-3-methylphenol	12.466	107	28550	21.431	ng/u1	92
36) 2-Methylnaphthalene	12.848	142	61013	22.275	ng/u1	98

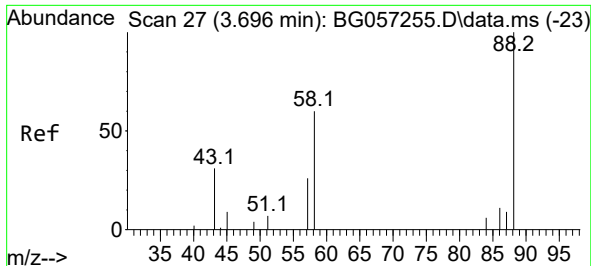
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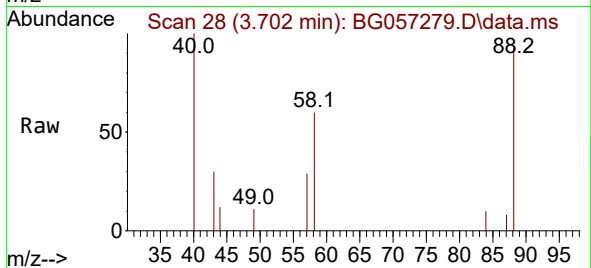
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.066	142	59892	21.745	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.212	216	44545	25.095	ng/ul	97
40) Hexachlorocyclopentadiene	13.183	237	9137	10.315	ng/ul	96
41) 2,4,6-Trichlorophenol	13.442	196	25499	24.665	ng/ul	99
42) 2,4,5-Trichlorophenol	13.524	196	27278	24.576	ng/ul	97
43) 1,1'-Biphenyl	13.835	154	86892	23.313	ng/ul	99
44) 2-Chloronaphthalene	13.888	162	68593	23.735	ng/ul	97
45) 2-Nitroaniline	14.082	65	20895	23.951	ng/ul	96
47) Dimethylphthalate	14.428	163	82748	21.290	ng/ul	99
48) 2,6-Dinitrotoluene	14.564	165	17714	22.146	ng/ul	97
50) Acenaphthylene	14.728	152	100418	22.716	ng/ul	100
51) 3-Nitroaniline	14.893	138	14708	25.951	ng/ul#	94
52) Acenaphthene	15.063	153	71388	22.666	ng/ul	98
53) 2,4-Dinitrophenol	15.116	184	5697	13.374	ng/ul	94
55) 4-Nitrophenol	15.198	109	12577	19.693	ng/ul	93
56) Dibenzofuran	15.392	168	100319	22.057	ng/ul	98
57) 2,4-Dinitrotoluene	15.351	165	24643	21.521	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.615	232	22713	22.520	ng/ul	97
59) Diethylphthalate	15.774	149	81409	20.616	ng/ul	97
61) Fluorene	16.038	166	83074	21.600	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.015	204	48404	21.563	ng/ul	100
63) 4-Nitroaniline	16.050	138	11805	21.995	ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.114	198	11678	17.376	ng/ul#	96
67) N-Nitrosodiphenylamine	16.226	169	68794	23.658	ng/ul	99
68) 4-Bromophenyl-phenylether	16.913	248	31906	23.981	ng/ul	94
69) Hexachlorobenzene	17.043	284	33471	23.890	ng/ul	99
70) Atrazine	17.160	200	29056	22.483	ng/ul	98
71) Pentachlorophenol	17.389	266	12780	19.734	ng/ul	97
72) Phenanthrene	17.783	178	130641	22.536	ng/ul	98
74) Anthracene	17.871	178	129379	22.219	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.812	216	46187	27.586	ng/uL	98
76) Pentachlorobenzene	15.315	250	42170	24.744	ng/uL	96
77) Carbazole	18.135	167	110453	22.698	ng/ul	98
78) Di-n-butylphthalate	18.652	149	127382	22.892	ng/ul	99
80) Fluoranthene	19.768	202	151055	23.428	ng/ul	97
82) Pyrene	20.132	202	151103	23.150	ng/ul#	96
83) Butylbenzylphthalate	20.978	149	50042	23.940	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.924	252	49497	24.373	ng/ul	96
85) Benzo(a)anthracene	22.030	228	147497	22.806	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.871	149	70657	23.241	ng/ul	96
87) Chrysene	22.100	228	135464	22.201	ng/ul	97
89) Di-n-octyl phthalate	23.175	149	119113	22.296	ng/ul	100
90) Benzo(b)fluoranthene	24.444	252	149745	22.352	ng/ul	96
91) Benzo(k)fluoranthene	24.444	252	149745	22.975	ng/ul	98
93) Benzo(a)pyrene	25.408	252	131785	22.786	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.655	276	154177	21.325	ng/ul	97
95) Dibenzo(a,h)anthracene	29.702	278	130004	21.685	ng/ul	97
96) Benzo(g,h,i)perylene	30.930	276	66419	11.351	ng/ul	98

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



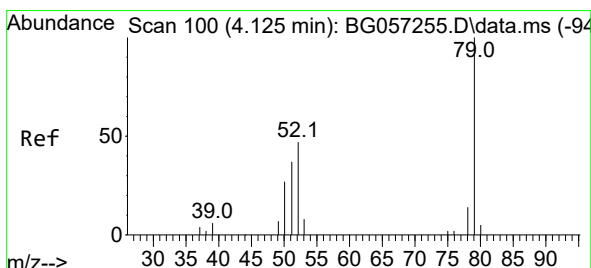
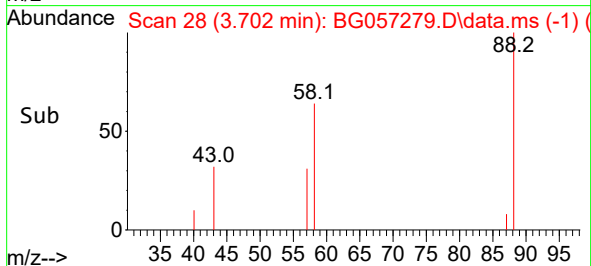
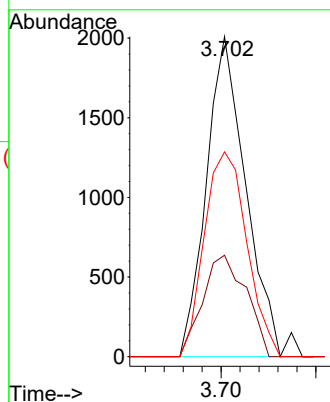
#2
1,4-Dioxane
Concen: 7.159 ng/uL
RT: 3.702 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 88 Resp: 2888

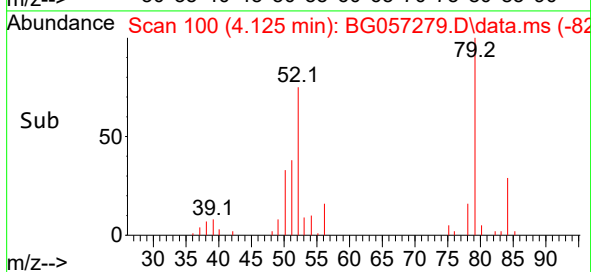
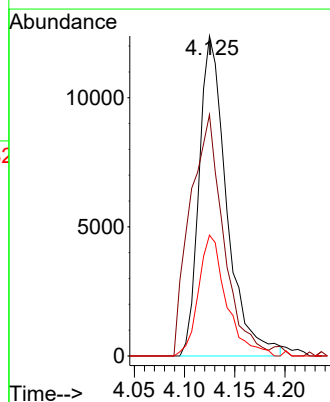
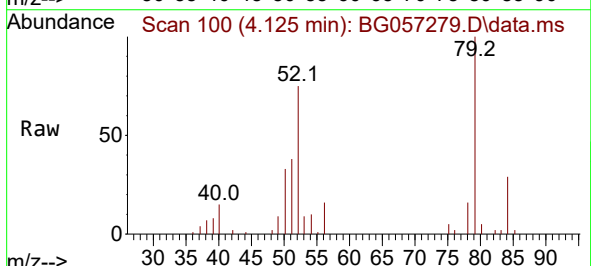
Ion	Ratio	Lower	Upper
88	100		
43	31.7	28.2	42.4
58	64.0	63.3	94.9

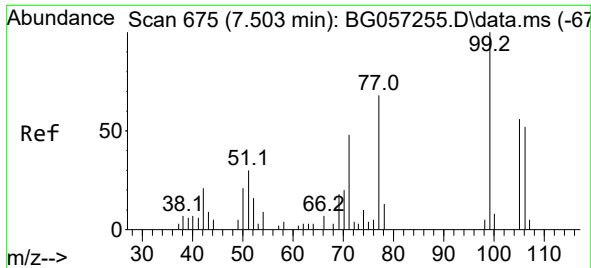


#5
Pyridine
Concen: 18.778 ng/uL
RT: 4.125 min Scan# 100
Delta R.T. 0.008 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion: 79 Resp: 23739

Ion	Ratio	Lower	Upper
79	100		
52	75.4	62.4	93.6
51	37.8	29.0	43.4

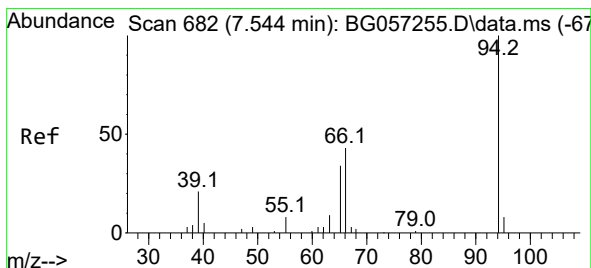
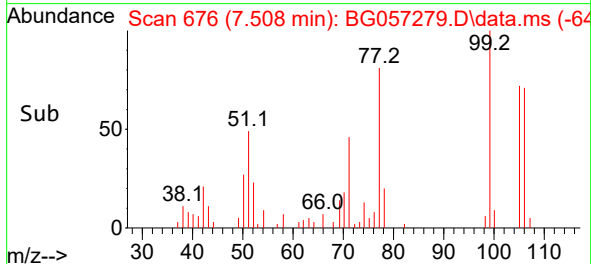
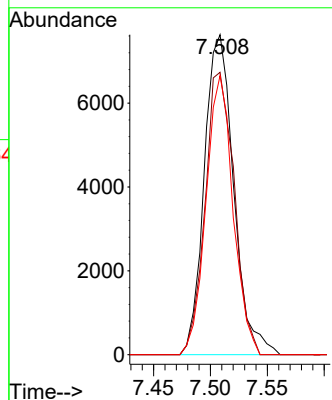
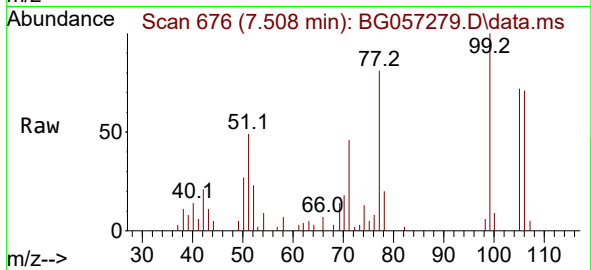




#6
Benzaldehyde
Concen: 28.342 ng/ul
RT: 7.508 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

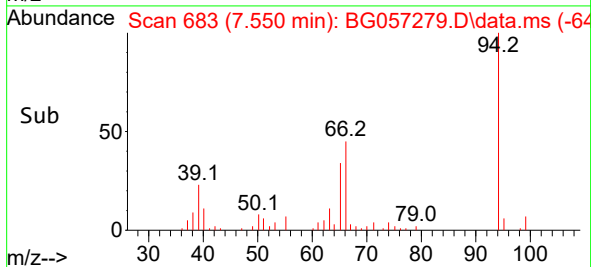
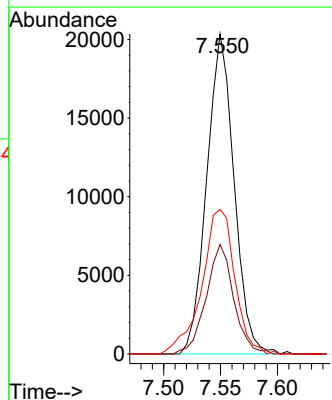
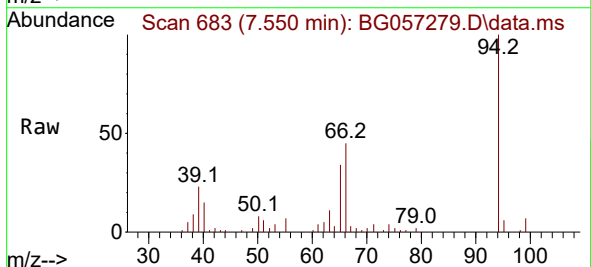
Instrument :
BNA_G
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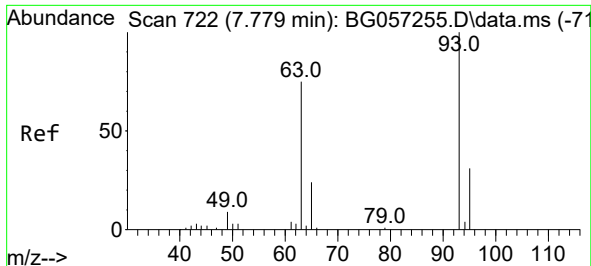
Tgt Ion: 77 Resp: 13704
Ion Ratio Lower Upper
77 100
105 88.2 79.8 119.6
106 87.2 78.7 118.1



#8
Phenol
Concen: 21.288 ng/ul
RT: 7.550 min Scan# 683
Delta R.T. 0.008 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion: 94 Resp: 33967
Ion Ratio Lower Upper
94 100
65 34.2 25.5 38.3
66 45.2 36.9 55.3

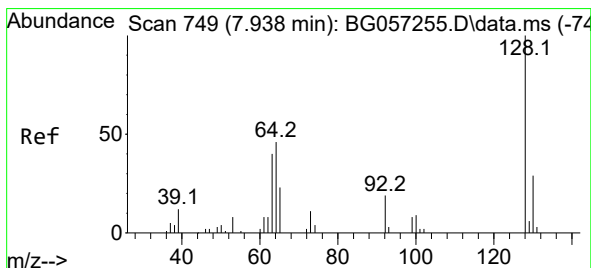
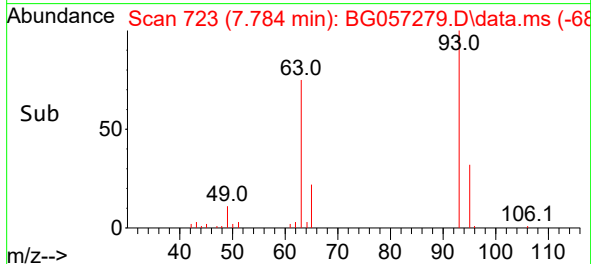
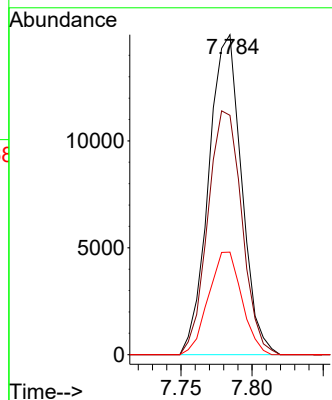
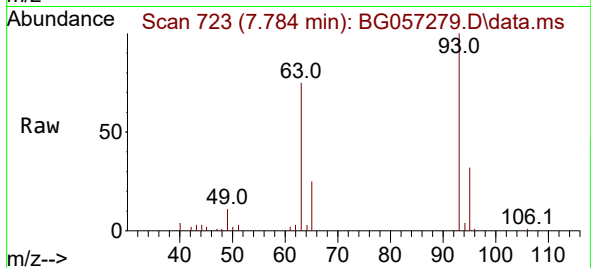




#10
Bis(2-Chloroethyl)ether
Concen: 20.187 ng/ul
RT: 7.784 min Scan# 71
Delta R.T. 0.008 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

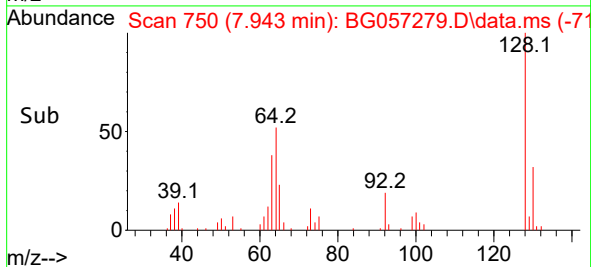
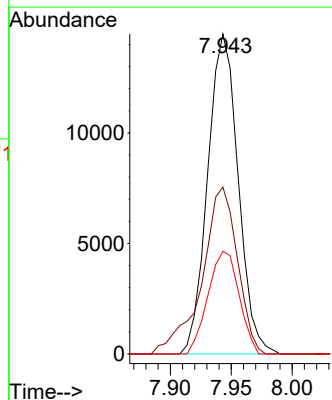
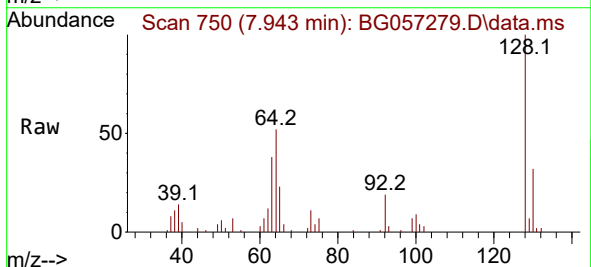
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BNA_G
ClientSampleId :

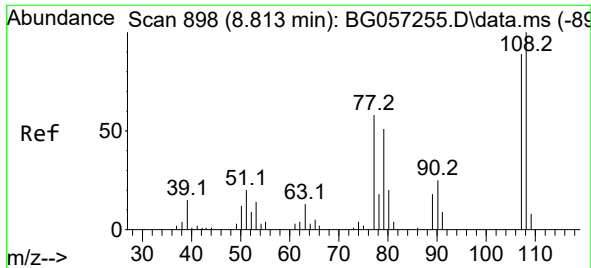
Tgt Ion: 93 Resp: 24107
Ion Ratio Lower Upper
93 100
63 74.8 67.2 100.8
95 32.0 26.3 39.5



#12
2-Chlorophenol
Concen: 23.015 ng/ul
RT: 7.943 min Scan# 750
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:128 Resp: 25220
Ion Ratio Lower Upper
128 100
64 52.2 41.3 61.9
130 32.0 24.6 37.0

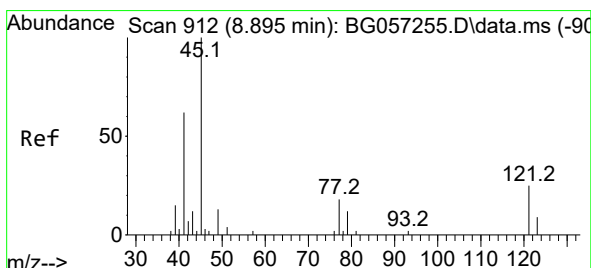
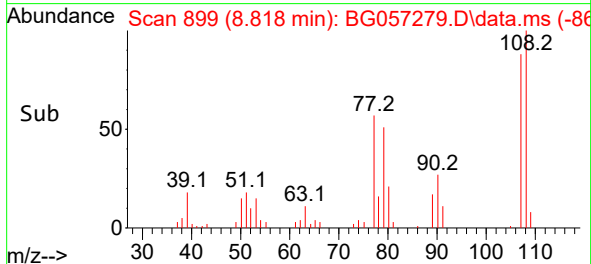
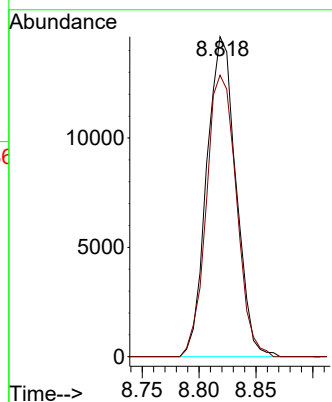
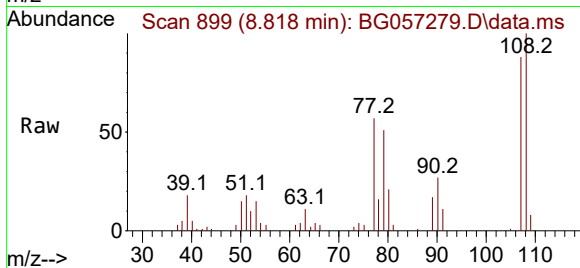




#13
2-Methylphenol
Concen: 21.184 ng/ul
RT: 8.818 min Scan# 898
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

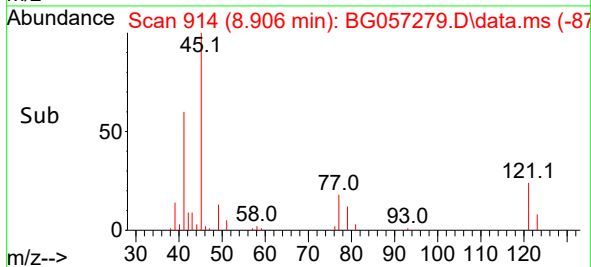
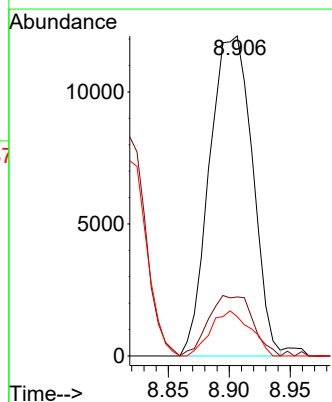
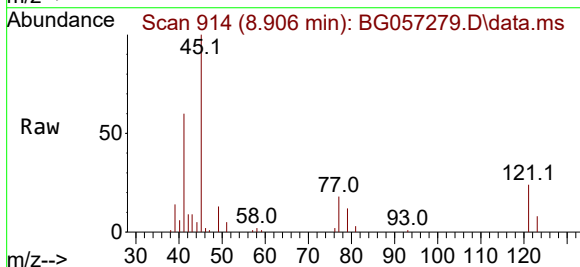
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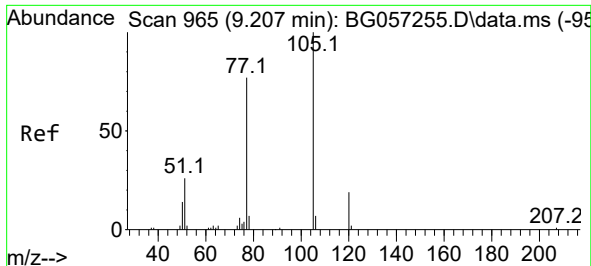
Tgt Ion:108 Resp: 26196
Ion Ratio Lower Upper
108 100
107 88.0 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.195 ng/ul
RT: 8.906 min Scan# 914
Delta R.T. 0.008 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

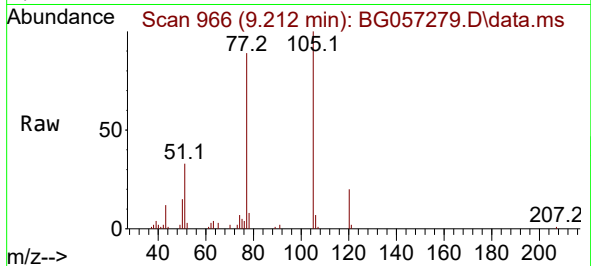
Tgt Ion: 45 Resp: 29554
Ion Ratio Lower Upper
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77 18.4 12.9 19.3
79 12.3 8.9 13.3



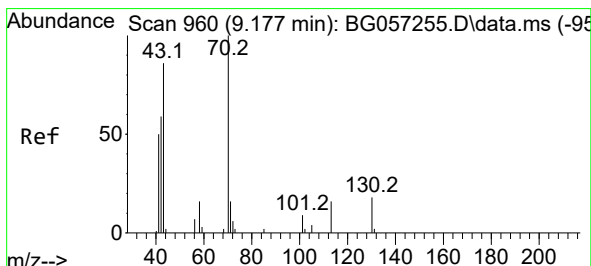
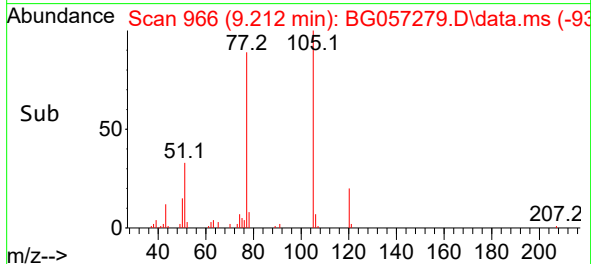
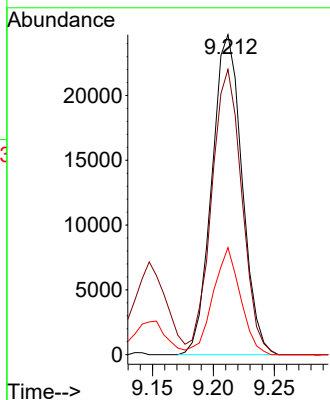


#16
 Acetophenone
 Concen: 20.573 ng/ul
 RT: 9.212 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: BG057279.D
 Acq: 2 May 2023 15:05

Instrument :
 BNA_G
 ClientSampleId :

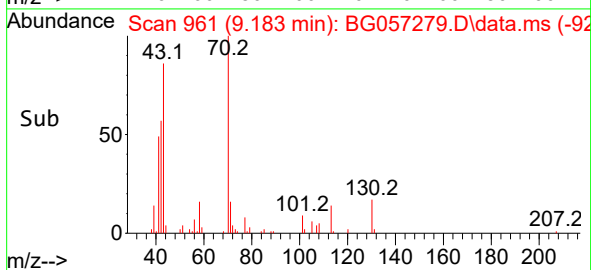
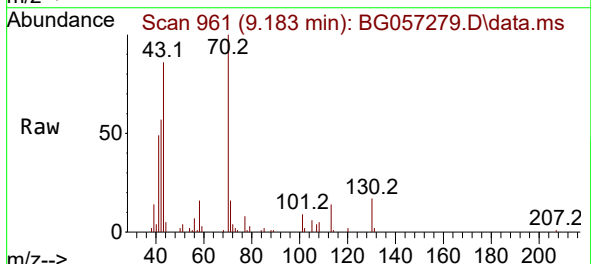
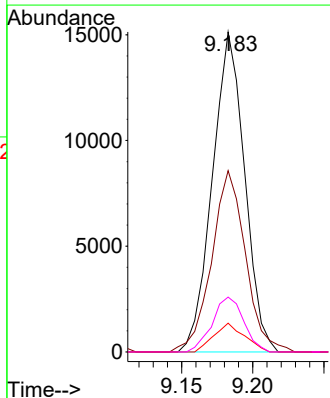


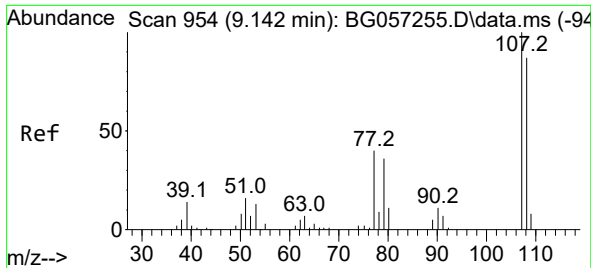
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 Ion Ratio Lower Upper
 105 100
 77 89.1 70.6 105.8
 51 33.5 24.5 36.7



#17
 N-Nitroso-di-n-propylamine
 Concen: 20.059 ng/ul
 RT: 9.183 min Scan# 961
 Delta R.T. 0.003 min
 Lab File: BG057279.D
 Acq: 2 May 2023 15:05

Tgt Ion: 70 Resp: 23866
 Ion Ratio Lower Upper
 70 100
 42 56.6 45.0 67.4
 101 9.0 6.5 9.7
 130 17.2 15.9 23.9

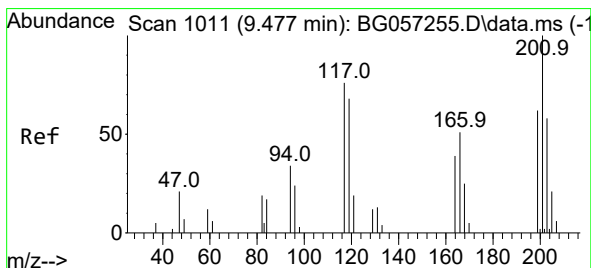
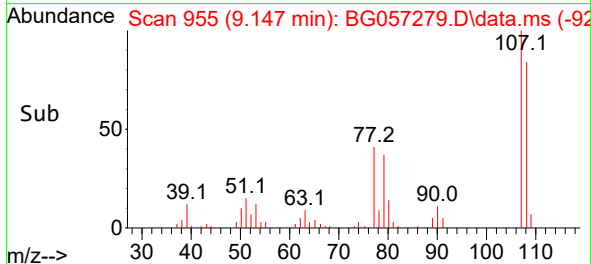
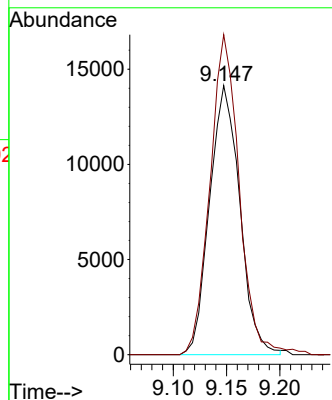
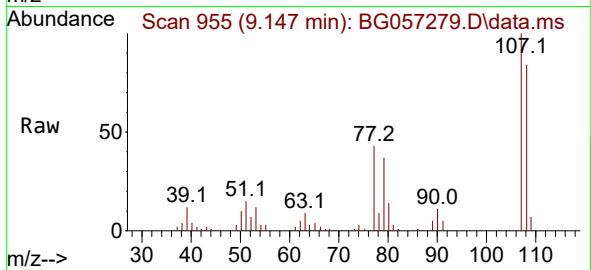




#18
4-Methylphenol
Concen: 20.804 ng/ul
RT: 9.147 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

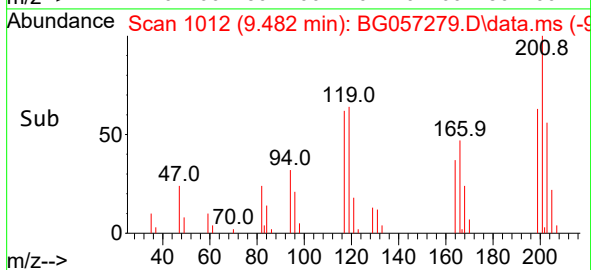
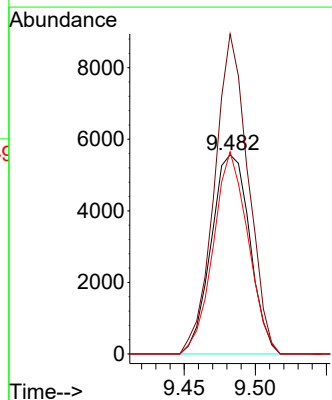
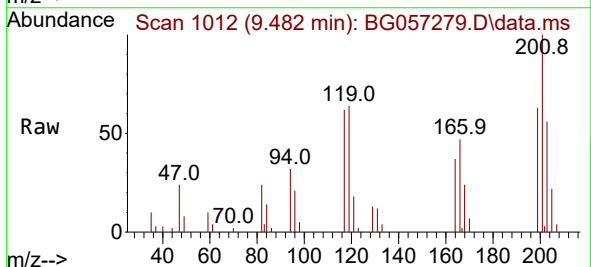
Instrument :
BNA_G
ClientSampleId :

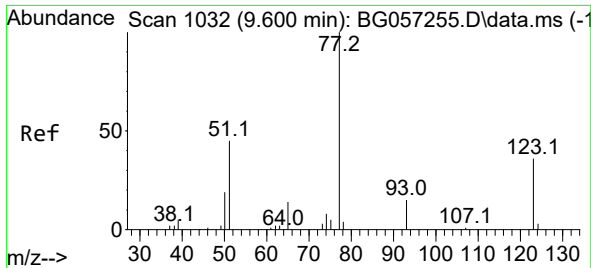
Tgt Ion:108 Resp: 27846
Ion Ratio Lower Upper
108 100
107 118.9 85.1 127.7



#19
Hexachloroethane
Concen: 22.849 ng/ul
RT: 9.482 min Scan# 1012
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:117 Resp: 10476
Ion Ratio Lower Upper
117 100
201 160.6 109.4 164.2
199 101.5 65.4 98.2#





#22

Nitrobenzene

Concen: 22.858 ng/ul

RT: 9.606 min Scan# 1032

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

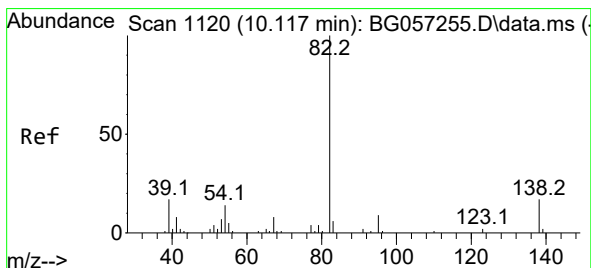
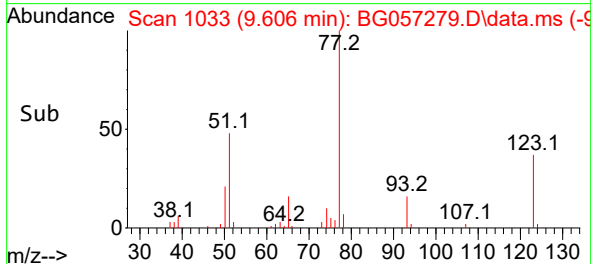
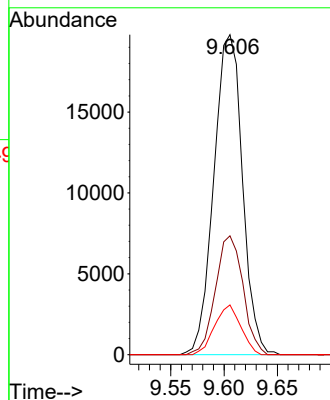
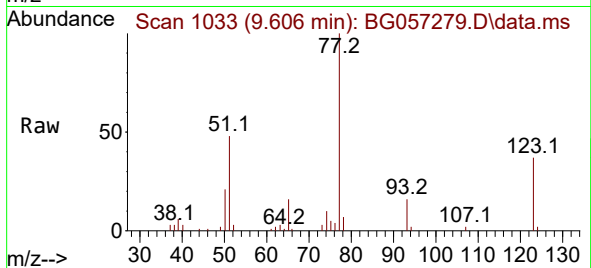
Tgt Ion: 77 Resp: 36874

Ion Ratio Lower Upper

77 100

123 37.2 29.6 44.4

65 15.6 11.4 17.0



#23

Isophorone

Concen: 20.601 ng/ul

RT: 10.122 min Scan# 1121

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

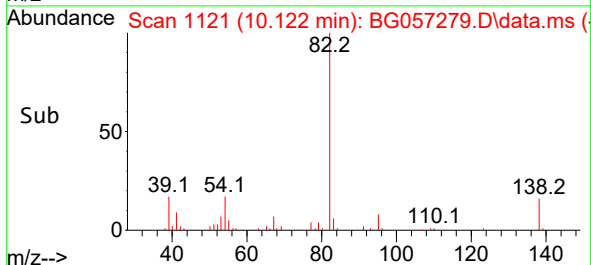
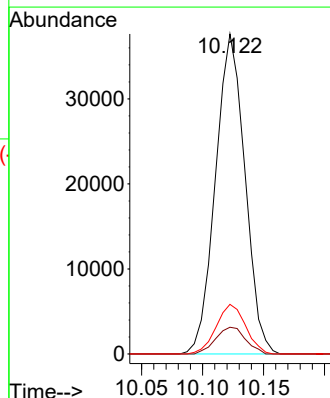
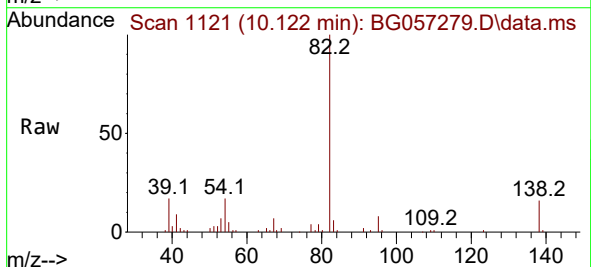
Tgt Ion: 82 Resp: 63231

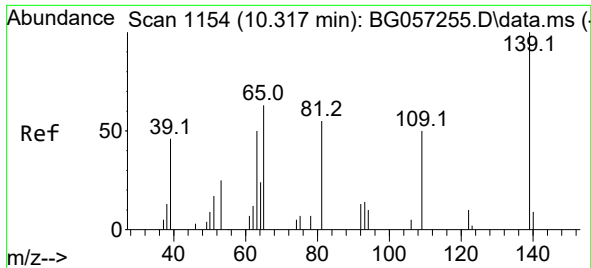
Ion Ratio Lower Upper

82 100

95 8.4 6.8 10.2

138 15.5 12.2 18.2

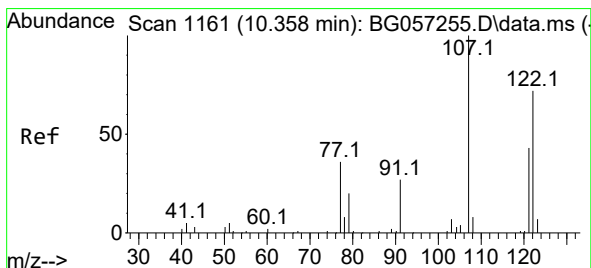
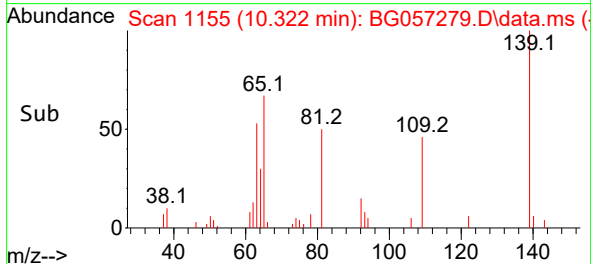
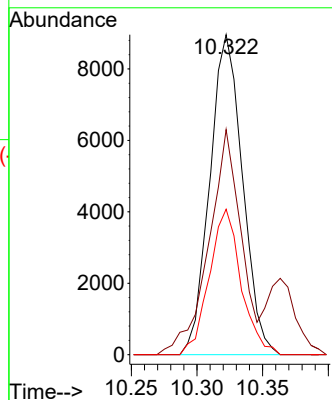
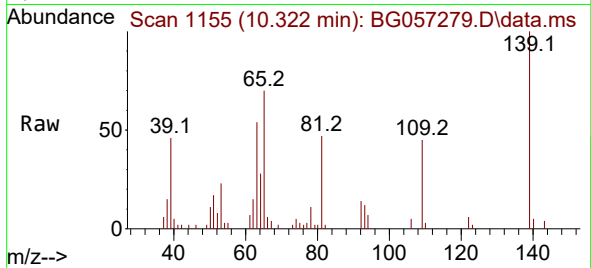




#25
2-Nitrophenol
Concen: 24.275 ng/ul
RT: 10.322 min Scan# 1155
Delta R.T. -0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

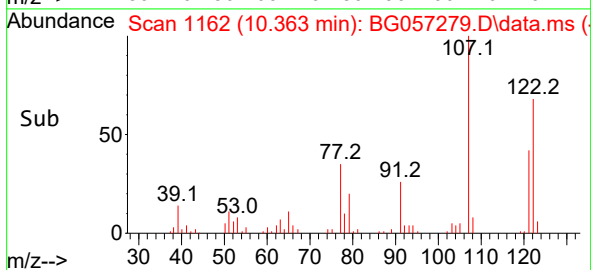
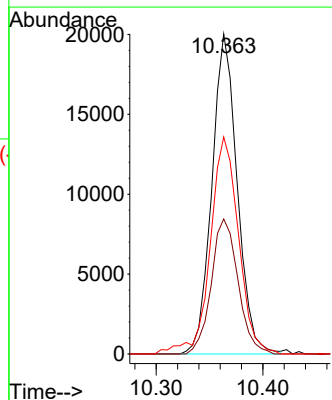
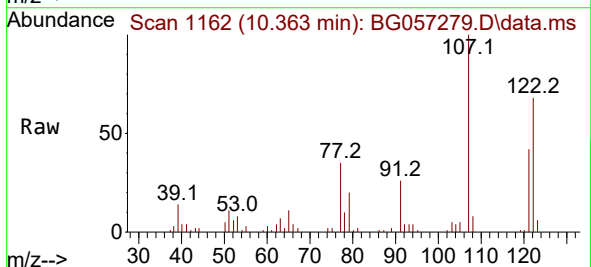
Instrument :
BNA_G
ClientSampleId :

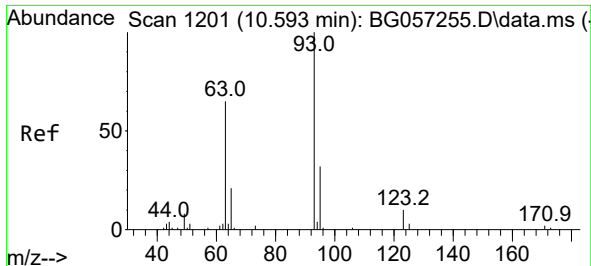
Tgt Ion:139 Resp: 15545
Ion Ratio Lower Upper
139 100
65 70.4 48.7 73.1
109 45.5 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 22.725 ng/ul
RT: 10.363 min Scan# 1162
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:107 Resp: 33013
Ion Ratio Lower Upper
107 100
121 42.2 35.4 53.0
122 67.8 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 20.905 ng/ul

RT: 10.592 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

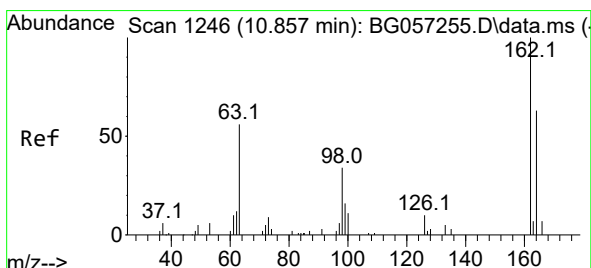
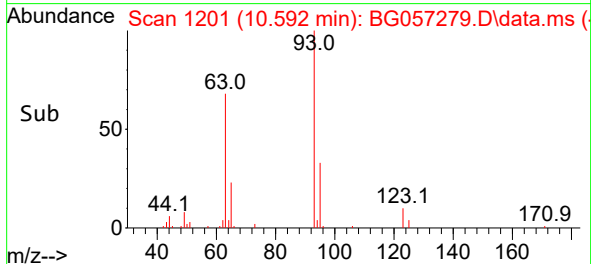
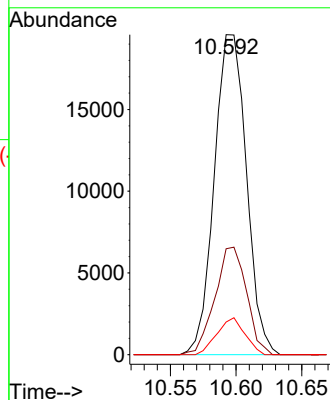
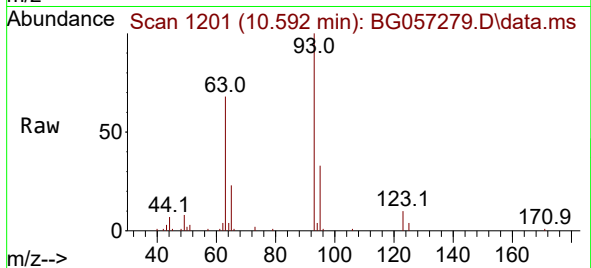
Tgt Ion: 93 Resp: 33354

Ion Ratio Lower Upper

93 100

95 33.1 24.8 37.2

123 10.2 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 24.078 ng/ul

RT: 10.863 min Scan# 1247

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

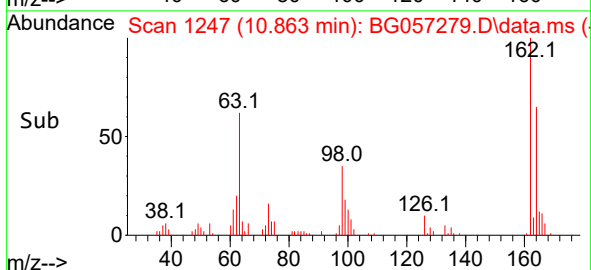
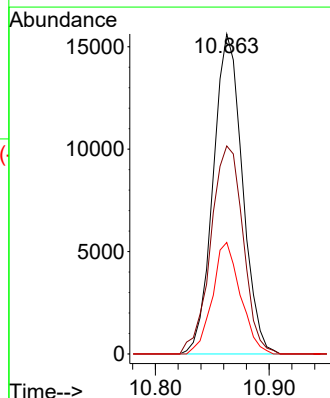
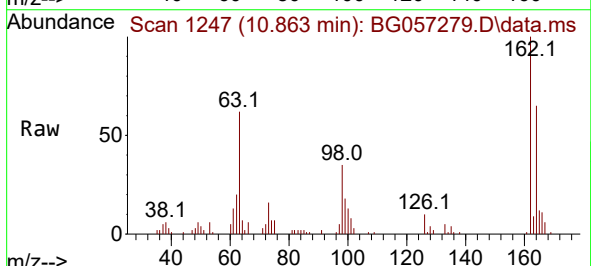
Tgt Ion:162 Resp: 27877

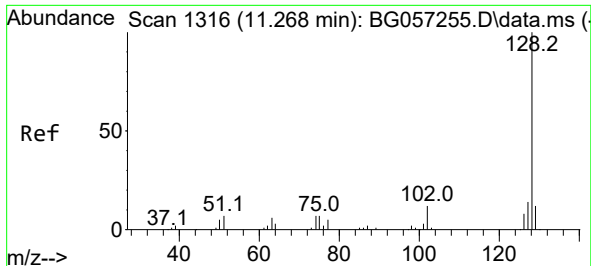
Ion Ratio Lower Upper

162 100

164 65.0 50.5 75.7

98 34.9 27.5 41.3

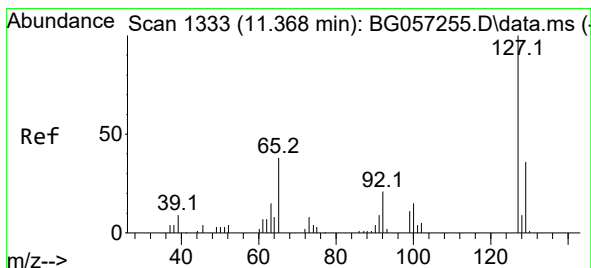
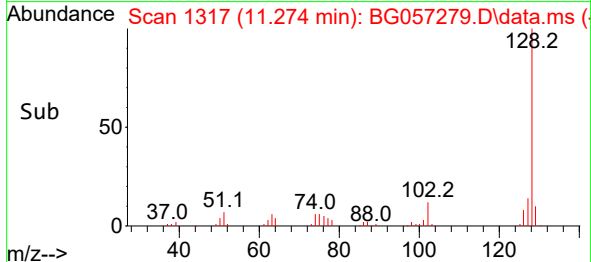
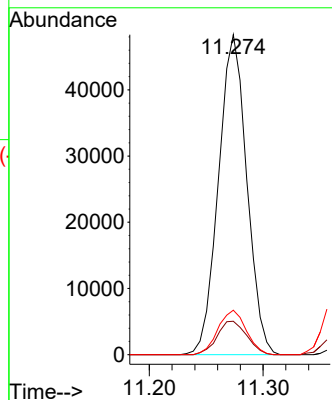
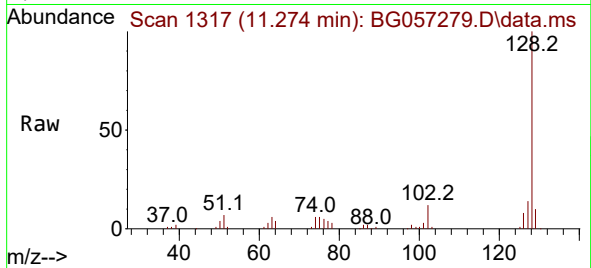




#30
Naphthalene
Concen: 22.390 ng/ul
RT: 11.274 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

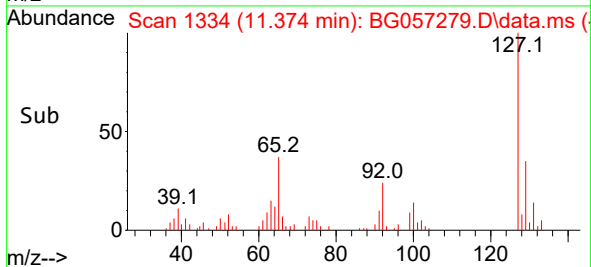
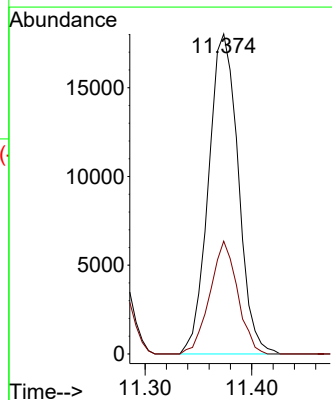
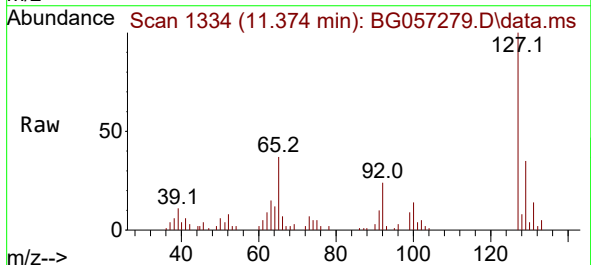
Instrument :
BNA_G
ClientSampleId :

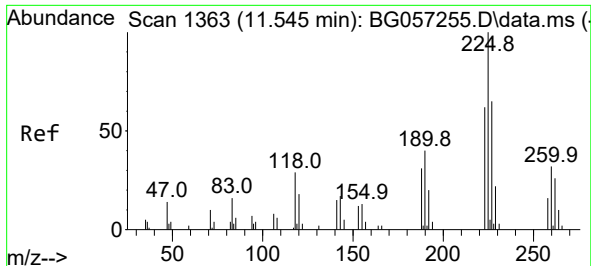
Tgt Ion:128 Resp: 83631
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.9 11.4 17.0



#32
4-Chloroaniline
Concen: 20.711 ng/ul
RT: 11.374 min Scan# 1334
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

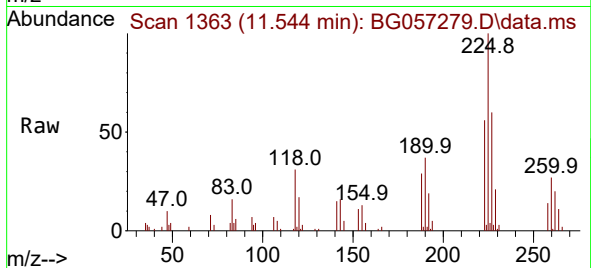
Tgt Ion:127 Resp: 34888
Ion Ratio Lower Upper
127 100
129 35.2 25.4 38.0



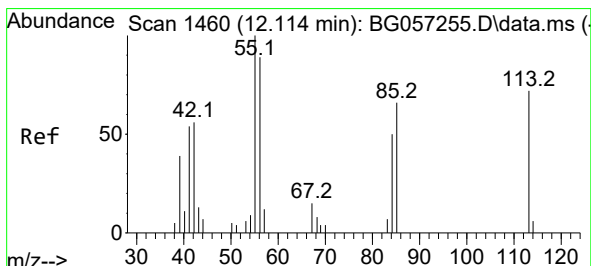
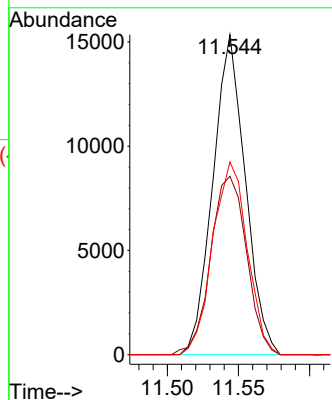
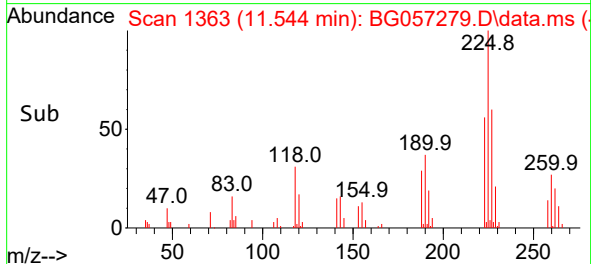


#33
Hexachlorobutadiene
Concen: 24.792 ng/ul
RT: 11.544 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Instrument :
BNA_G
ClientSampleId :

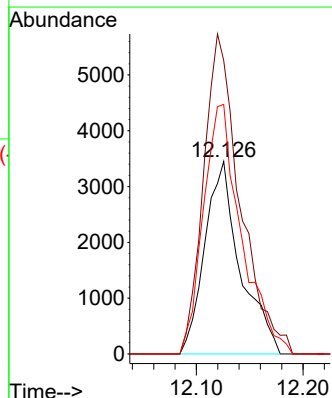
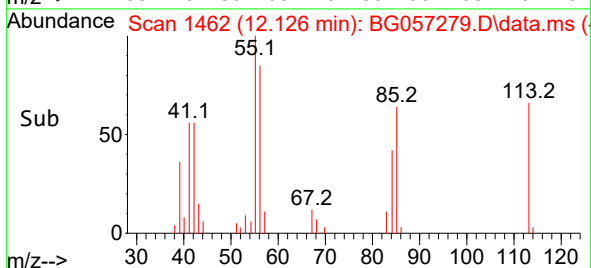
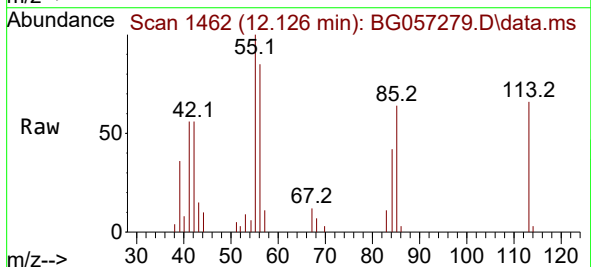


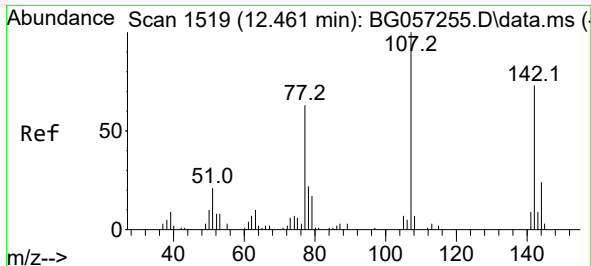
Tgt Ion:225 Resp: 24346
Ion Ratio Lower Upper
225 100
223 55.7 47.5 71.3
227 60.2 48.4 72.6



#34
Caprolactam
Concen: 20.402 ng/ul
RT: 12.126 min Scan# 1462
Delta R.T. 0.008 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

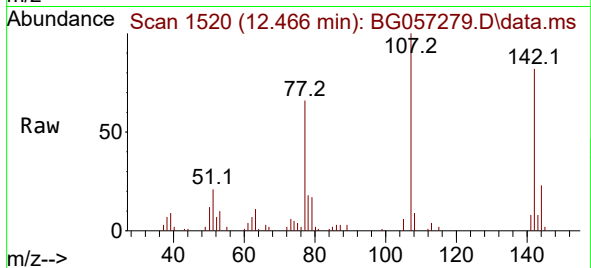
Tgt Ion:113 Resp: 7952
Ion Ratio Lower Upper
113 100
55 152.4 123.1 184.7
56 129.6 98.7 148.1





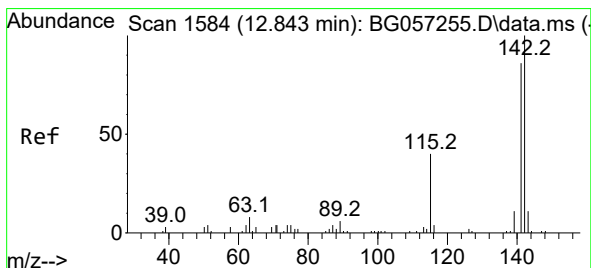
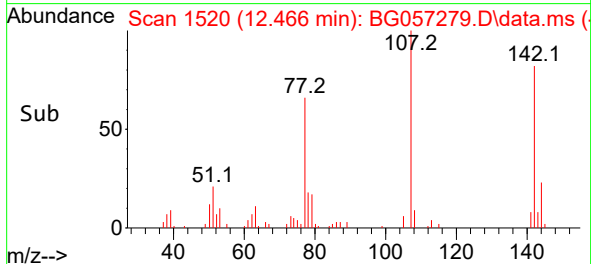
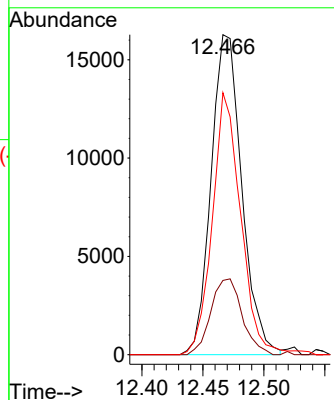
#35
 4-Chloro-3-methylphenol
 Concen: 21.431 ng/ul
 RT: 12.466 min Scan# 1519
 Delta R.T. 0.003 min
 Lab File: BG057279.D
 Acq: 2 May 2023 15:05

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:107 Resp: 28550

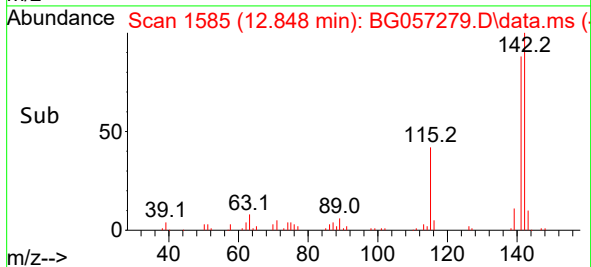
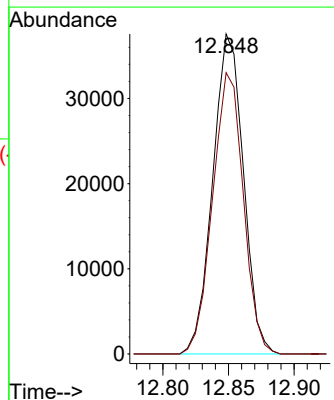
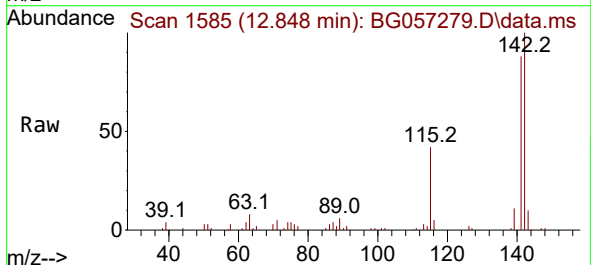
Ion	Ratio	Lower	Upper
107	100		
144	23.2	18.3	27.5
142	81.9	58.6	88.0

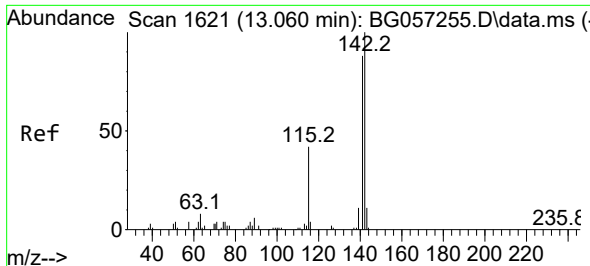


#36
 2-Methylnaphthalene
 Concen: 22.275 ng/ul
 RT: 12.848 min Scan# 1585
 Delta R.T. 0.002 min
 Lab File: BG057279.D
 Acq: 2 May 2023 15:05

Tgt Ion:142 Resp: 61013

Ion	Ratio	Lower	Upper
142	100		
141	87.9	68.7	103.1





#37

1-Methylnaphthalene

Concen: 21.745 ng/ul

RT: 13.066 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

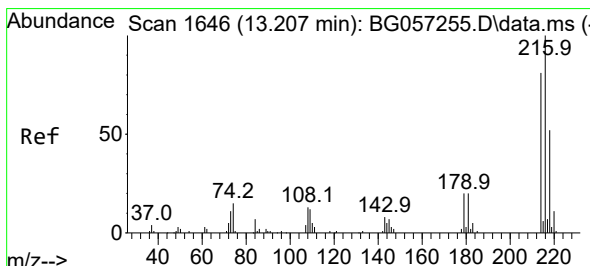
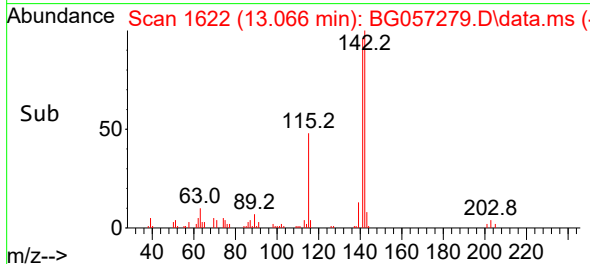
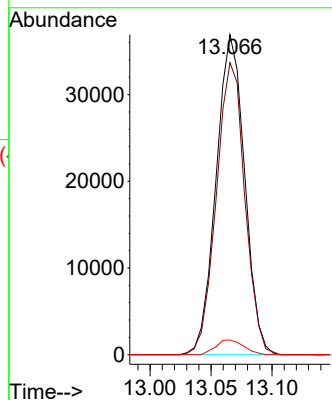
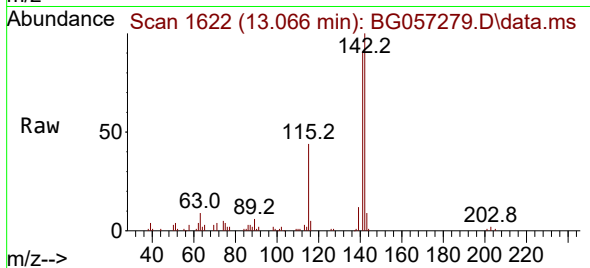
Tgt Ion:142 Resp: 59892

Ion Ratio Lower Upper

142 100

141 91.2 72.9 109.3

116 4.6 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.095 ng/ul

RT: 13.212 min Scan# 1647

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Tgt Ion:216 Resp: 44545

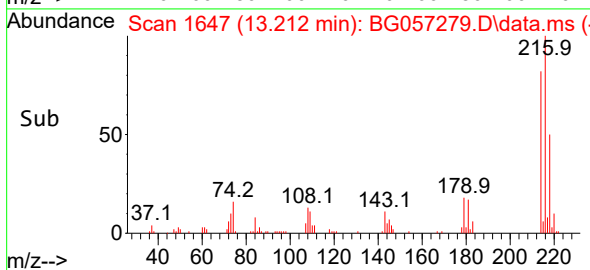
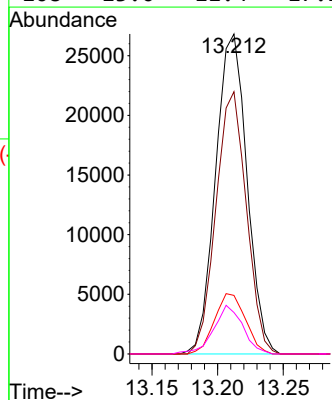
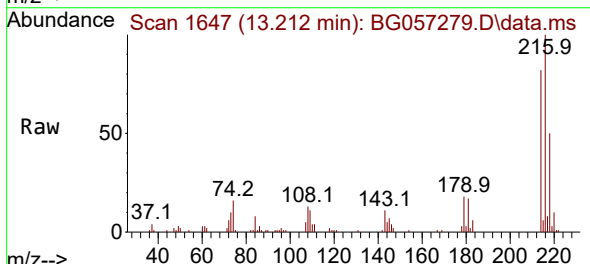
Ion Ratio Lower Upper

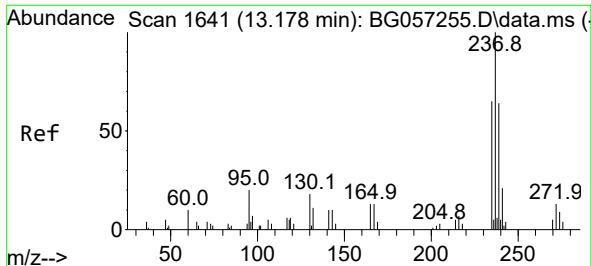
216 100

214 81.9 62.9 94.3

179 18.3 15.3 22.9

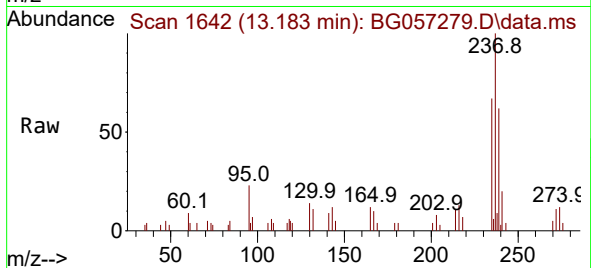
108 13.0 11.4 17.2



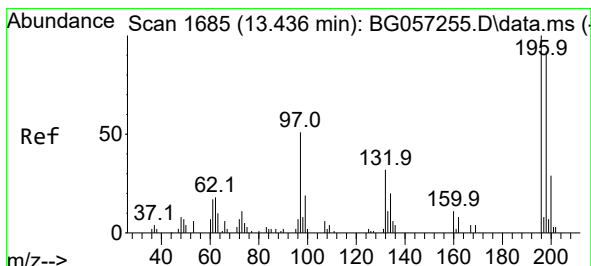
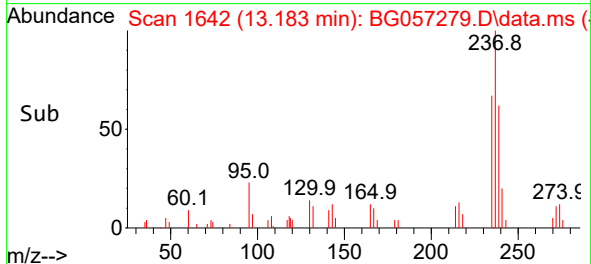
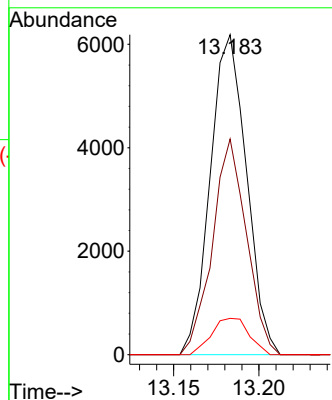


#40
Hexachlorocyclopentadiene
Concen: 10.315 ng/ul
RT: 13.183 min Scan# 1642
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Instrument :
BNA_G
ClientSampleId :

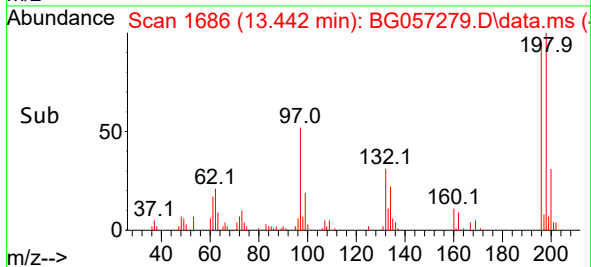
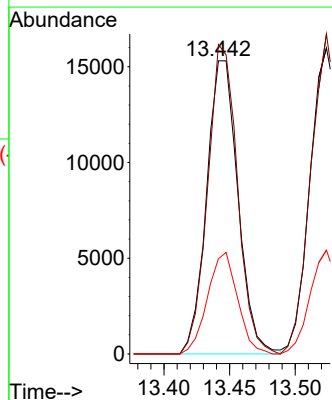
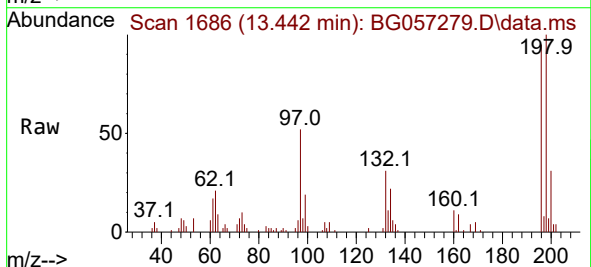


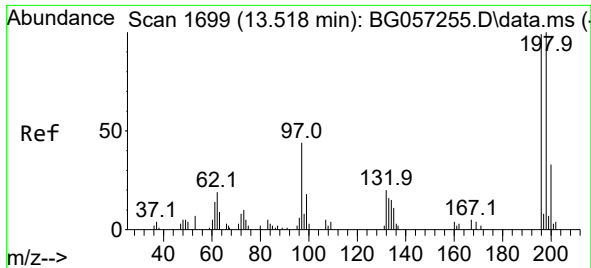
Tgt Ion:237 Resp: 9137
Ion Ratio Lower Upper
237 100
235 67.4 51.4 77.0
272 11.3 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 24.665 ng/ul
RT: 13.442 min Scan# 1686
Delta R.T. 0.002 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:196 Resp: 25499
Ion Ratio Lower Upper
196 100
198 105.6 83.8 125.8
200 32.5 26.6 40.0

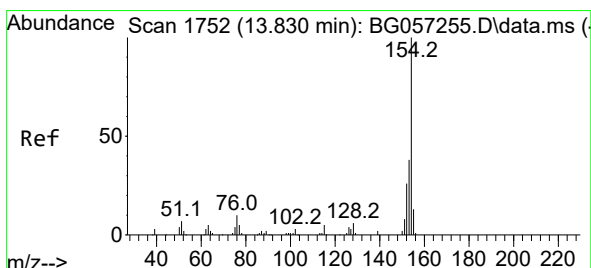
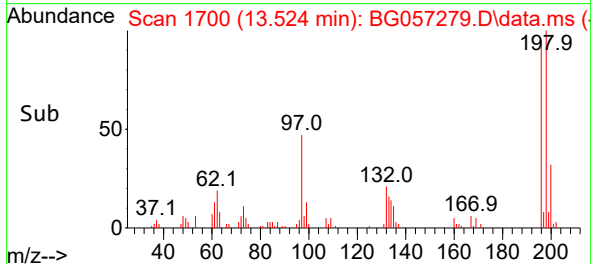
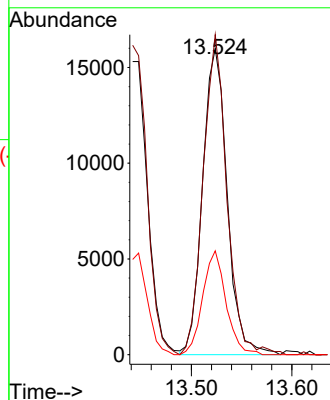
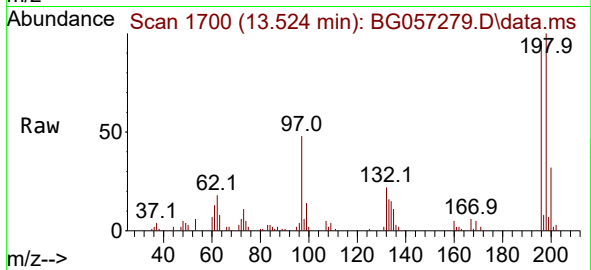




#42
2,4,5-Trichlorophenol
Concen: 24.576 ng/ul
RT: 13.524 min Scan# 1700
Delta R.T. 0.008 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

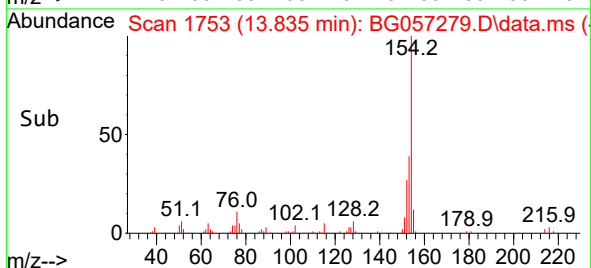
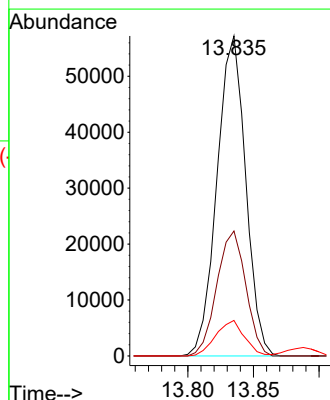
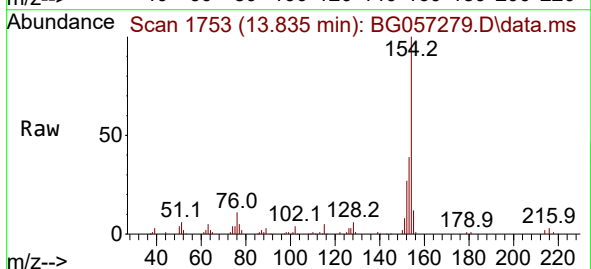
Instrument :
BNA_G
ClientSampleId :

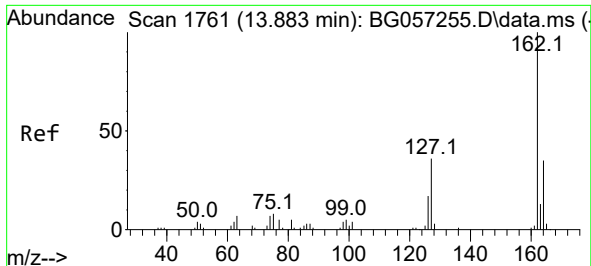
Tgt Ion:196 Resp: 27278
Ion Ratio Lower Upper
196 100
198 104.5 85.7 128.5
200 33.9 29.9 44.9



#43
1,1'-Biphenyl
Concen: 23.313 ng/ul
RT: 13.835 min Scan# 1753
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:154 Resp: 86892
Ion Ratio Lower Upper
154 100
153 39.1 31.6 47.4
76 11.1 8.0 12.0

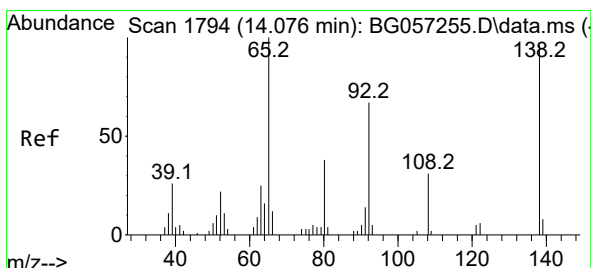
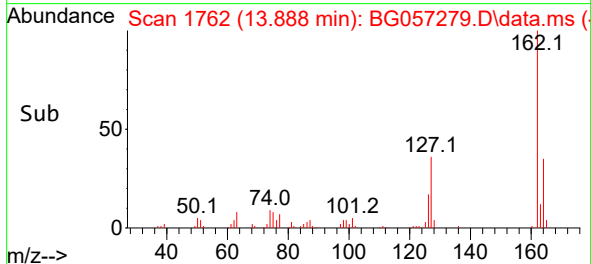
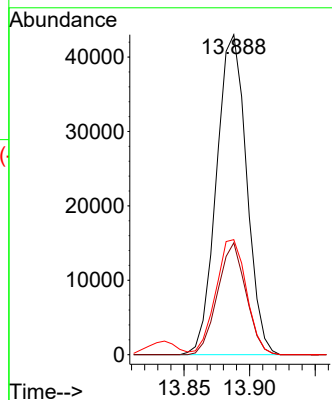
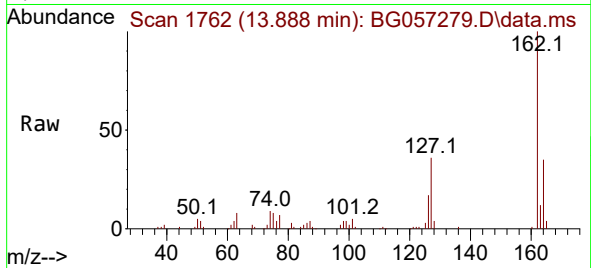




#44
2-Chloronaphthalene
Concen: 23.735 ng/ul
RT: 13.888 min Scan# 1762
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

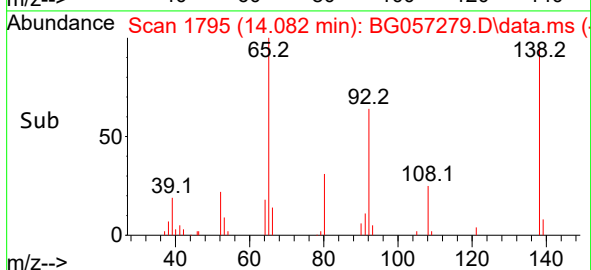
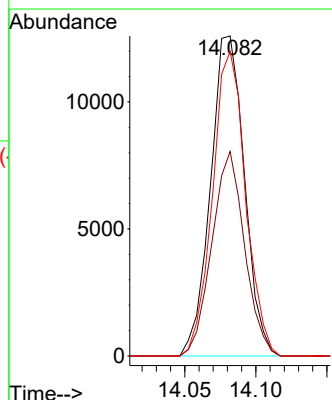
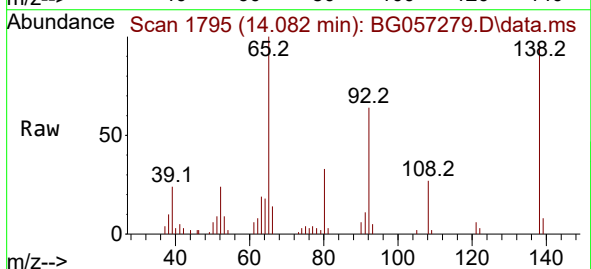
Instrument :
BNA_G
ClientSampleId :

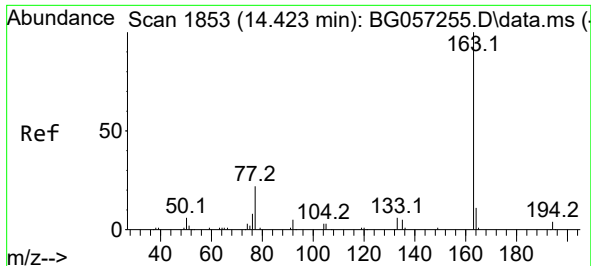
Tgt Ion:162 Resp: 68593
Ion Ratio Lower Upper
162 100
164 34.9 26.2 39.4
127 35.9 29.4 44.2



#45
2-Nitroaniline
Concen: 23.951 ng/ul
RT: 14.082 min Scan# 1795
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion: 65 Resp: 20895
Ion Ratio Lower Upper
65 100
92 63.9 51.8 77.6
138 95.2 71.9 107.9





#47

Dimethylphthalate

Concen: 21.290 ng/ul

RT: 14.428 min Scan# 1853

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

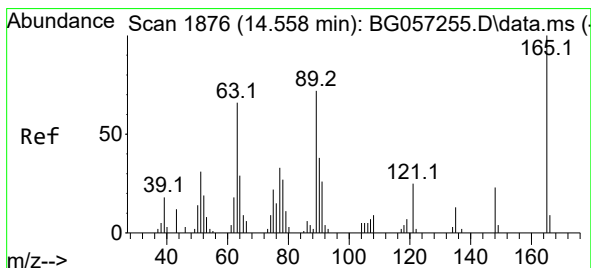
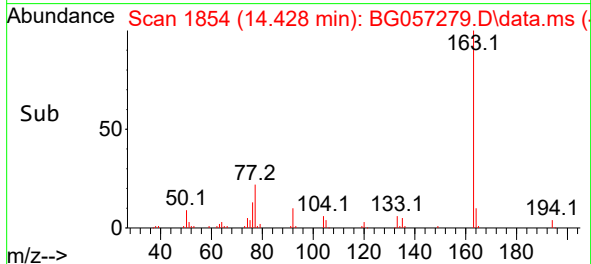
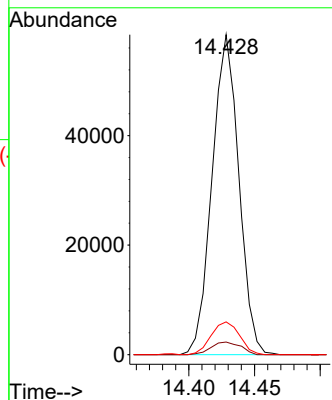
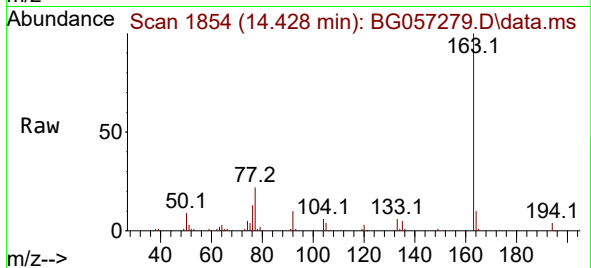
Tgt Ion:163 Resp: 82748

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

164 10.3 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 22.146 ng/ul

RT: 14.564 min Scan# 1877

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

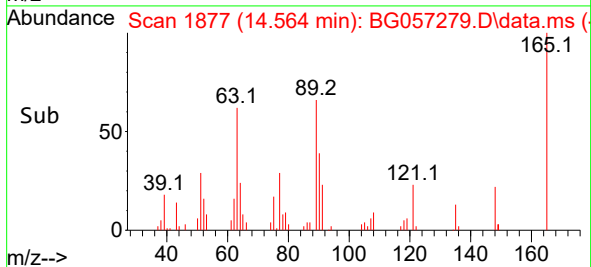
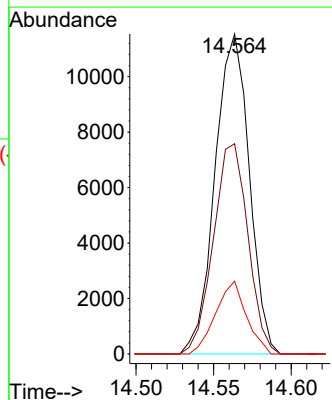
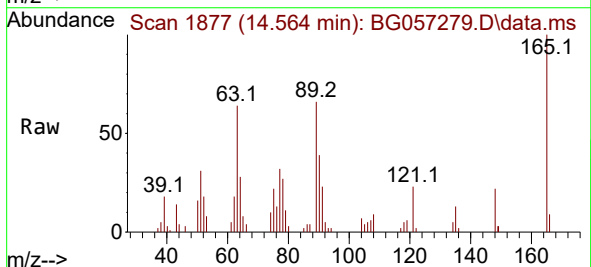
Tgt Ion:165 Resp: 17714

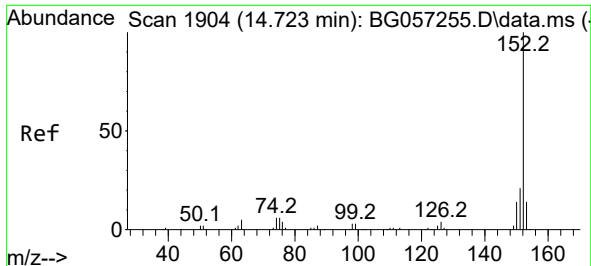
Ion Ratio Lower Upper

165 100

89 65.7 50.6 76.0

121 22.7 16.8 25.2

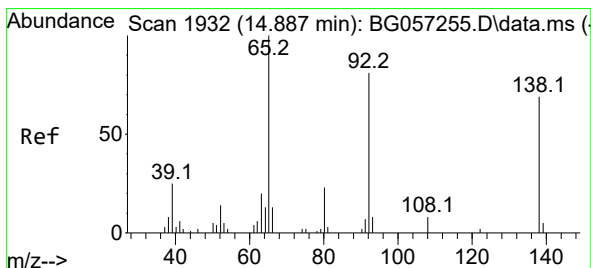
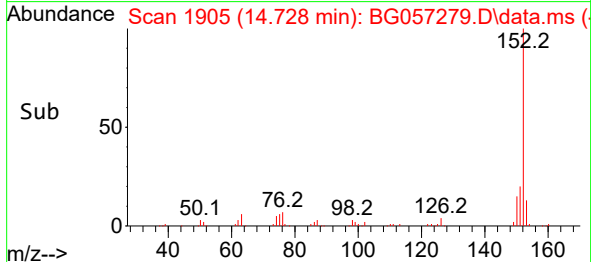
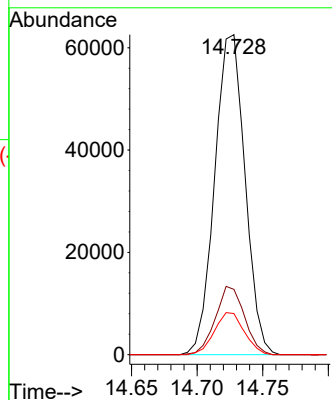
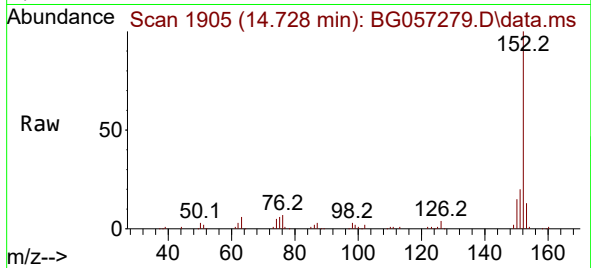




#50
Acenaphthylene
Concen: 22.716 ng/ul
RT: 14.728 min Scan# 1904
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

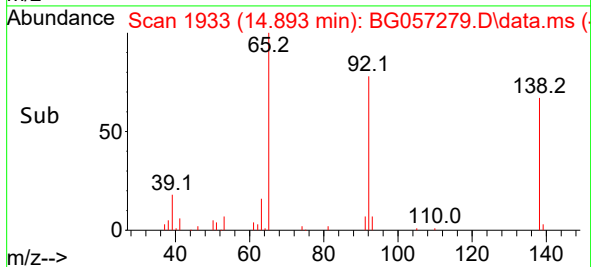
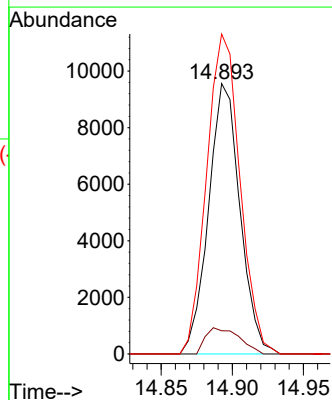
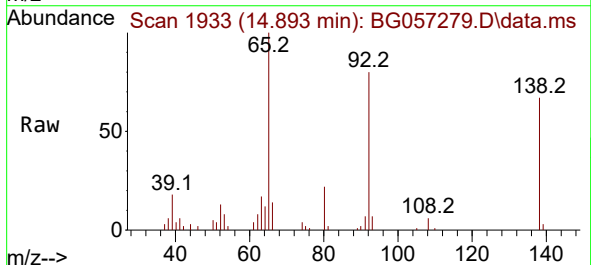
Instrument :
BNA_G
ClientSampleId :

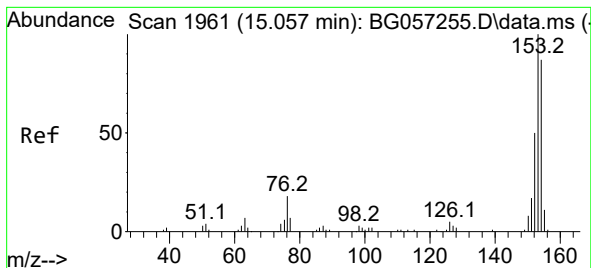
Tgt Ion:152 Resp: 100418
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 12.9 10.1 15.1



#51
3-Nitroaniline
Concen: 25.951 ng/ul
RT: 14.893 min Scan# 1933
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:138 Resp: 14708
Ion Ratio Lower Upper
138 100
108 8.6 9.2 13.8#
92 118.3 99.5 149.3





#52

Acenaphthene

Concen: 22.666 ng/ul

RT: 15.063 min Scan# 1961

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

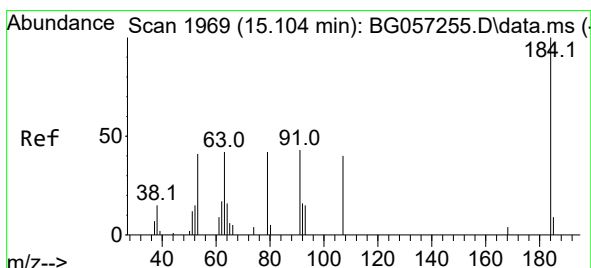
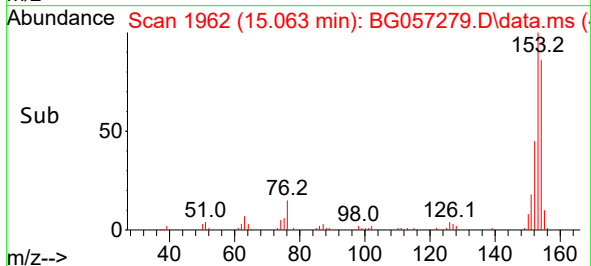
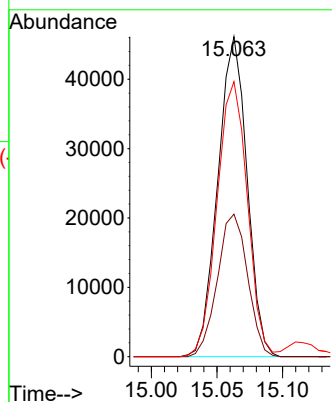
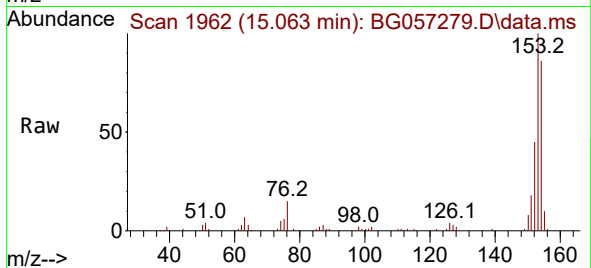
Tgt Ion:153 Resp: 71388

Ion Ratio Lower Upper

153 100

152 44.5 36.5 54.7

154 86.0 70.6 106.0



#53

2,4-Dinitrophenol

Concen: 13.374 ng/ul

RT: 15.116 min Scan# 1971

Delta R.T. 0.008 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

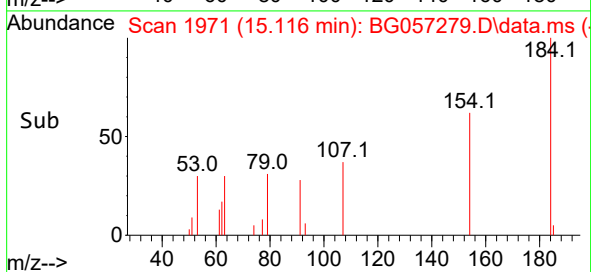
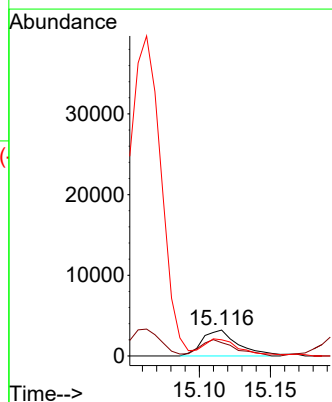
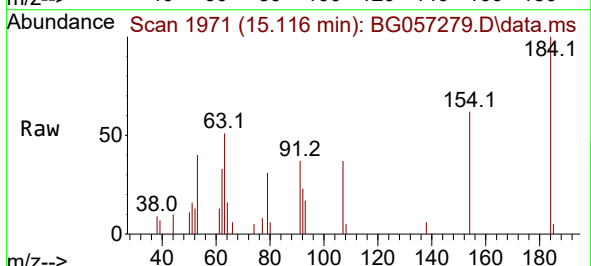
Tgt Ion:184 Resp: 5697

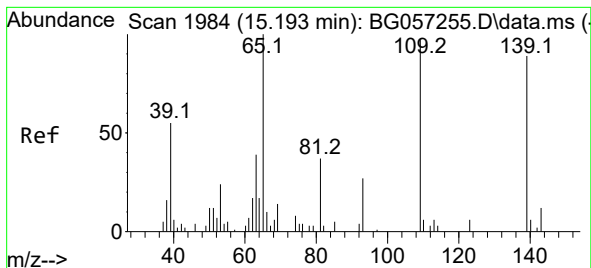
Ion Ratio Lower Upper

184 100

63 51.1 48.3 72.5

154 62.2 50.0 75.0





#55

4-Nitrophenol

Concen: 19.693 ng/ul

RT: 15.198 min Scan# 1984

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

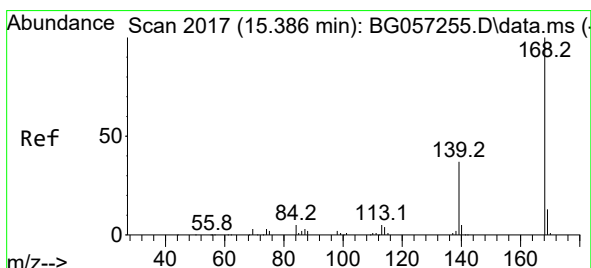
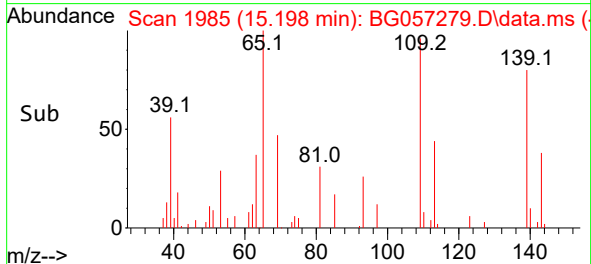
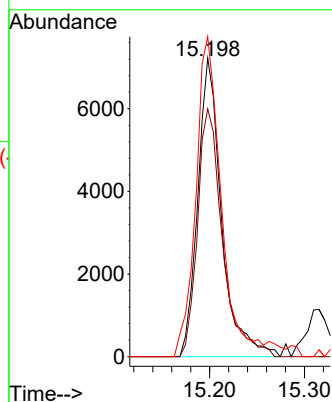
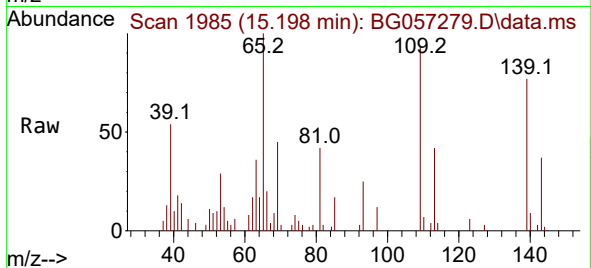
Tgt Ion:109 Resp: 12577

Ion Ratio Lower Upper

109 100

139 83.0 73.8 110.8

65 107.2 81.7 122.5



#56

Dibenzofuran

Concen: 22.057 ng/ul

RT: 15.392 min Scan# 2018

Delta R.T. 0.003 min

Lab File: BG057279.D

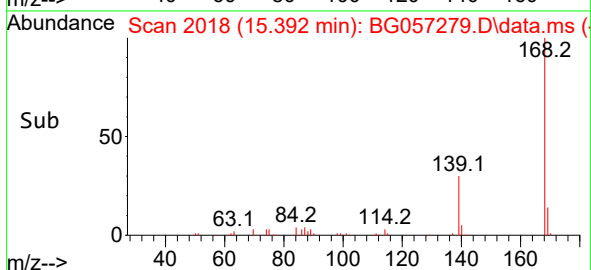
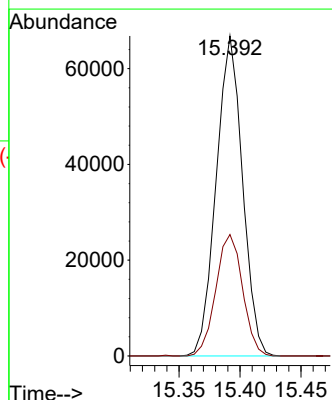
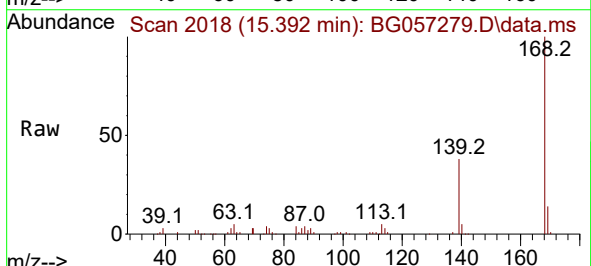
Acq: 2 May 2023 15:05

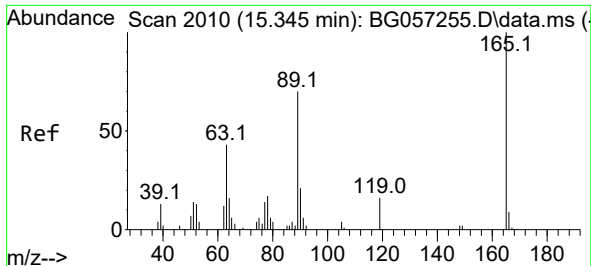
Tgt Ion:168 Resp: 100319

Ion Ratio Lower Upper

168 100

139 38.0 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 21.521 ng/ul

RT: 15.351 min Scan# 2010

Delta R.T. 0.008 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

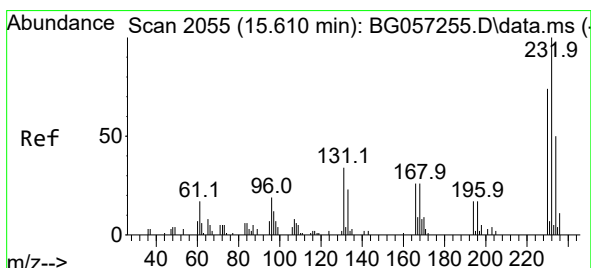
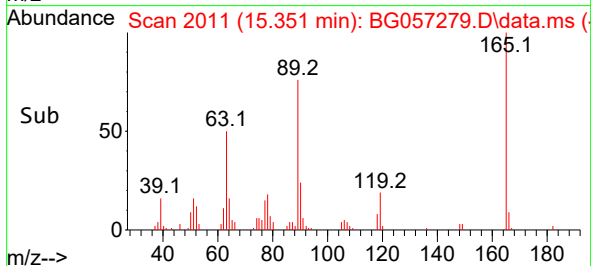
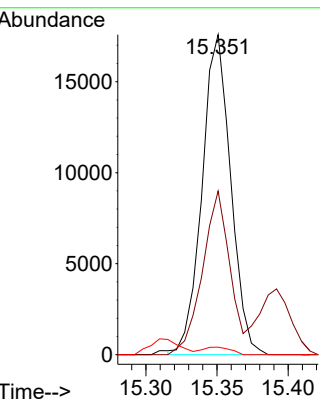
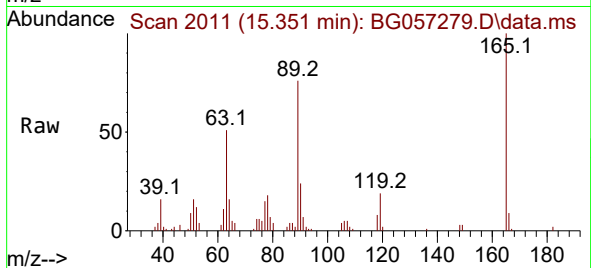
Tgt Ion:165 Resp: 24643

Ion Ratio Lower Upper

165 100

63 51.1 35.9 53.9

182 2.4 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.520 ng/ul

RT: 15.615 min Scan# 2056

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Tgt Ion:232 Resp: 22713

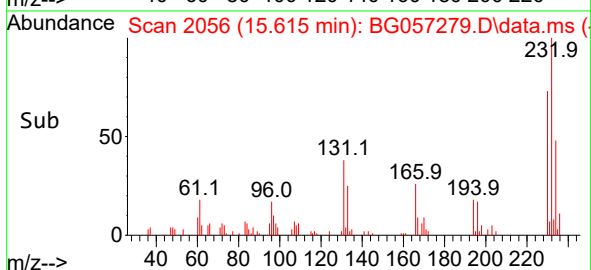
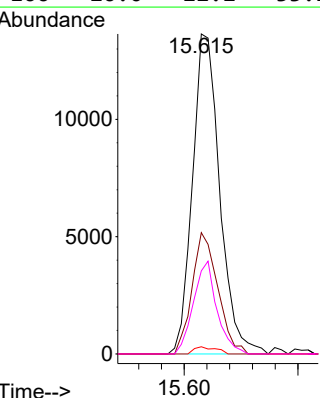
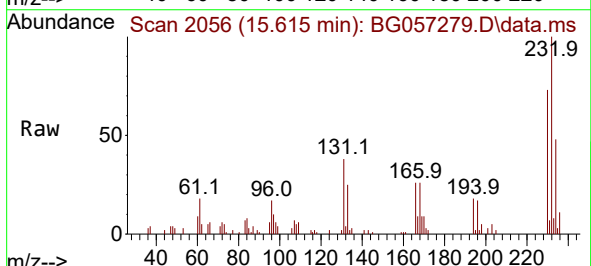
Ion Ratio Lower Upper

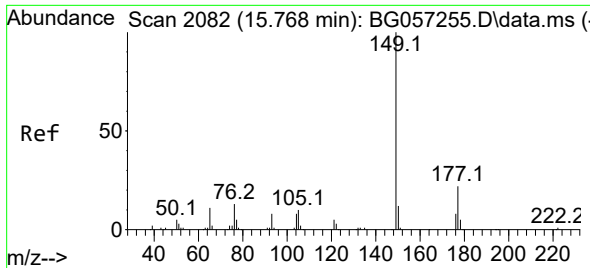
232 100

131 37.9 28.6 43.0

130 2.3 1.8 2.6

166 26.0 22.2 33.2

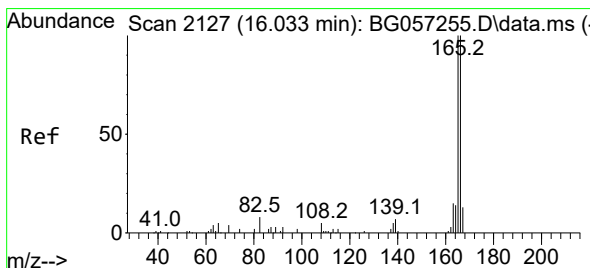
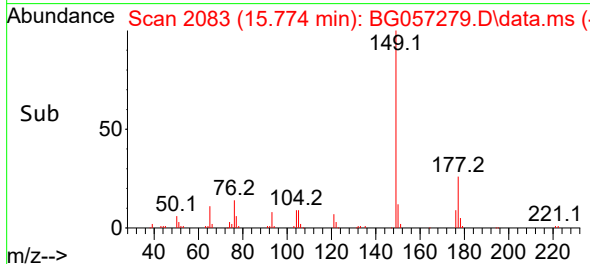
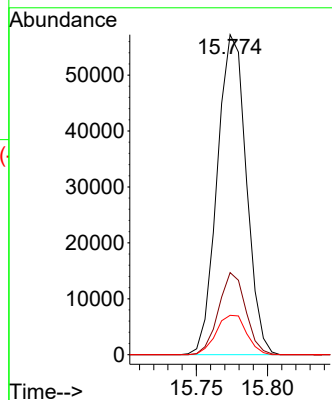
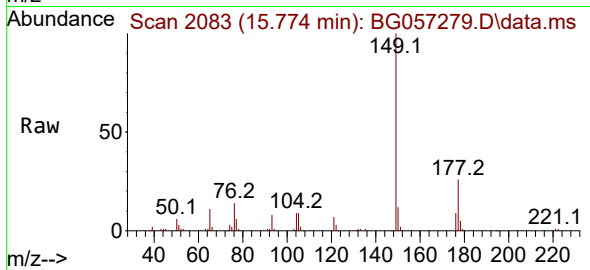




#59
Diethylphthalate
Concen: 20.616 ng/ul
RT: 15.774 min Scan# 2082
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

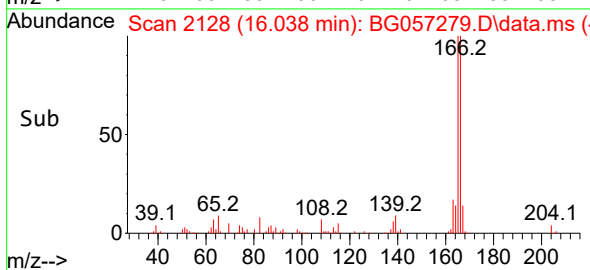
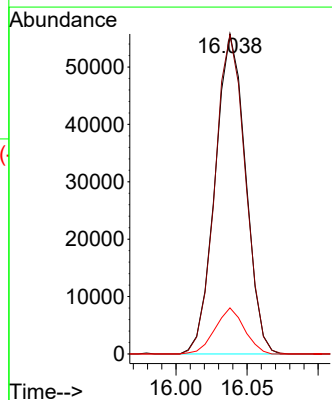
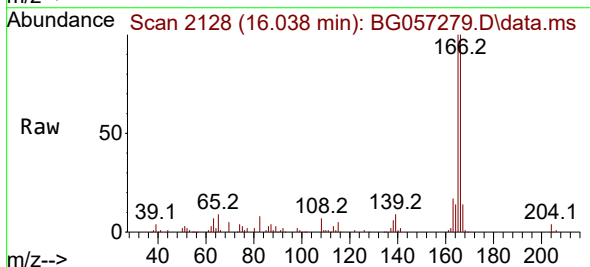
Instrument :
BNA_G
ClientSampleId :

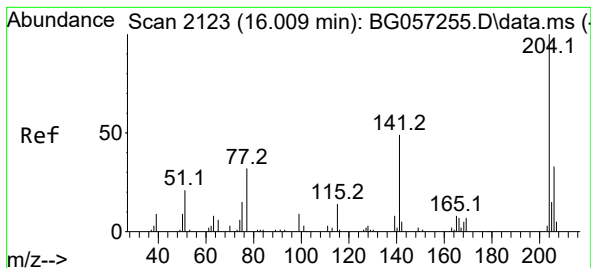
Tgt Ion:149 Resp: 81409
Ion Ratio Lower Upper
149 100
177 25.7 18.6 28.0
150 12.3 9.8 14.8



#61
Fluorene
Concen: 21.600 ng/ul
RT: 16.038 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:166 Resp: 83074
Ion Ratio Lower Upper
166 100
165 99.7 80.1 120.1
167 14.4 10.2 15.4

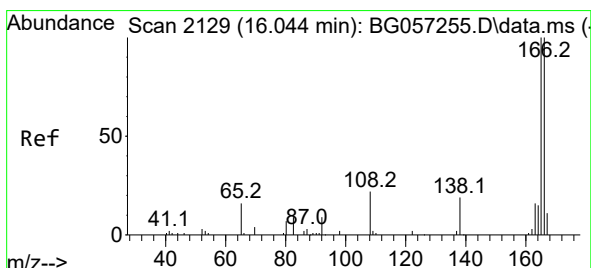
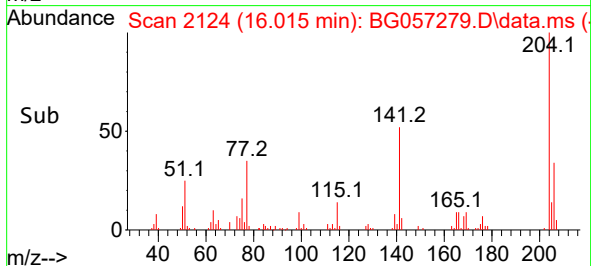
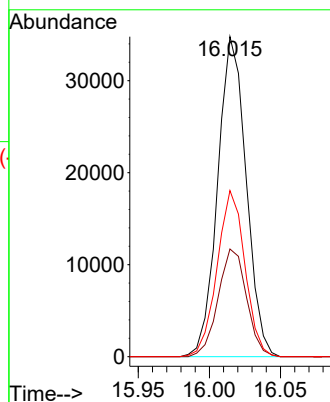
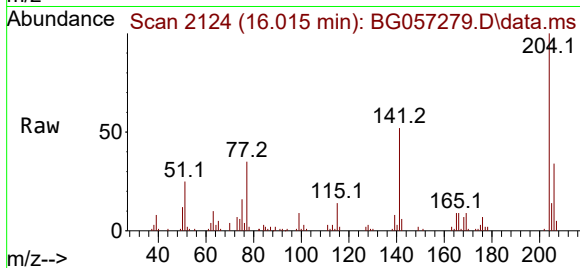




#62
4-Chlorophenyl-phenylether
Concen: 21.563 ng/ul
RT: 16.015 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

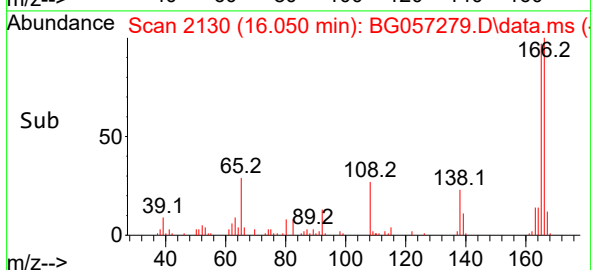
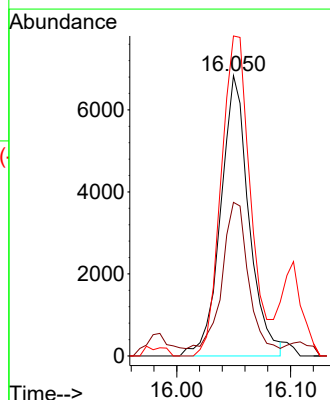
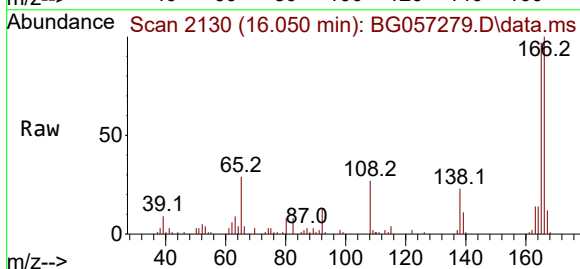
Instrument :
BNA_G
ClientSampleId :

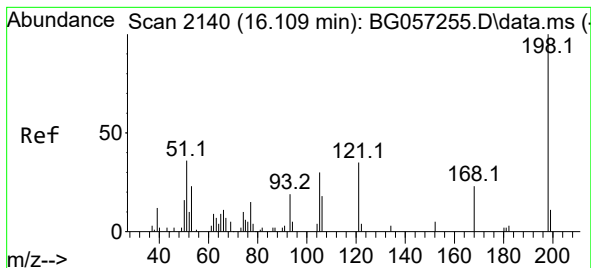
Tgt Ion:204 Resp: 48404
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 51.9 41.5 62.3



#63
4-Nitroaniline
Concen: 21.995 ng/ul
RT: 16.050 min Scan# 2130
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:138 Resp: 11805
Ion Ratio Lower Upper
138 100
92 54.8 39.9 59.9
108 114.1 89.1 133.7

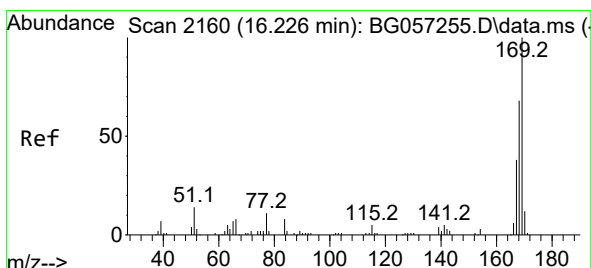
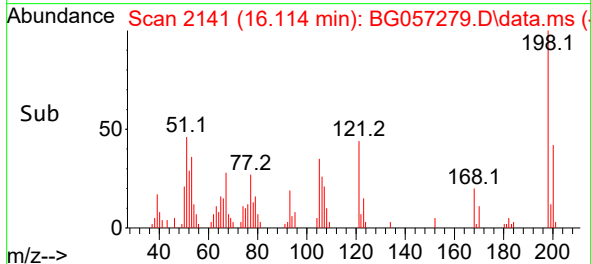
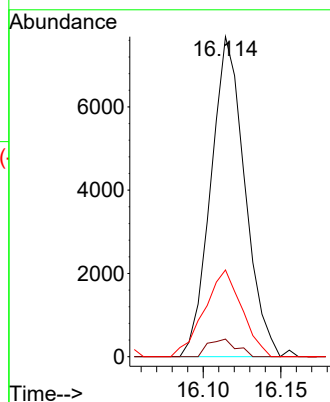
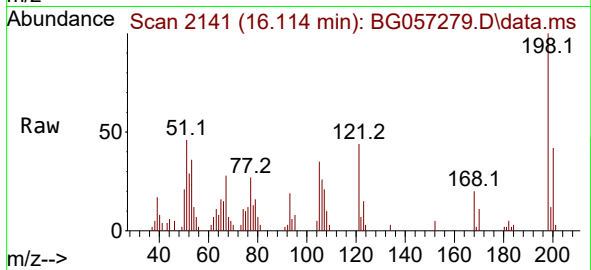




#66
4,6-Dinitro-2-methylphenol
Concen: 17.376 ng/ul
RT: 16.114 min Scan# 2141
Delta R.T. 0.002 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

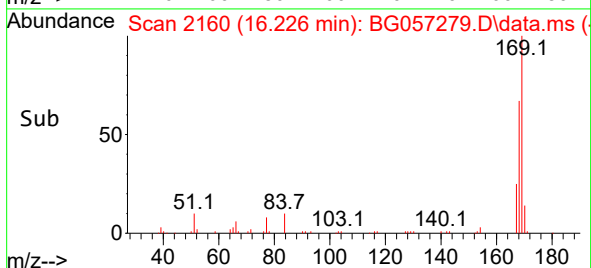
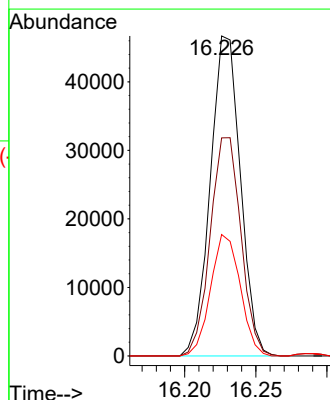
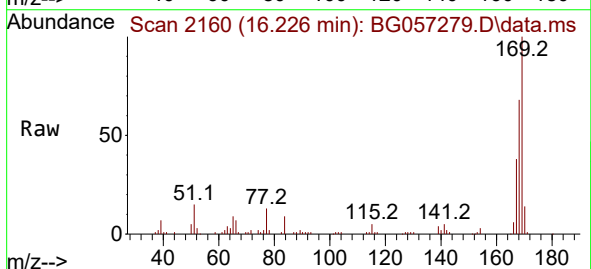
Instrument :
BNA_G
ClientSampleId :

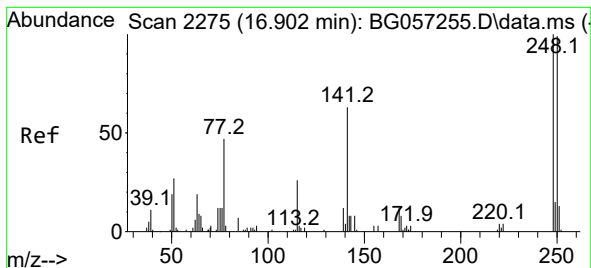
Tgt Ion:198 Resp: 11678
Ion Ratio Lower Upper
198 100
182 5.5 3.0 4.6#
77 27.1 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 23.658 ng/ul
RT: 16.226 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:169 Resp: 68794
Ion Ratio Lower Upper
169 100
168 68.2 55.4 83.2
167 37.9 31.0 46.4

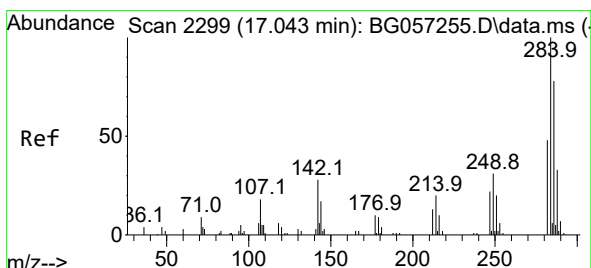
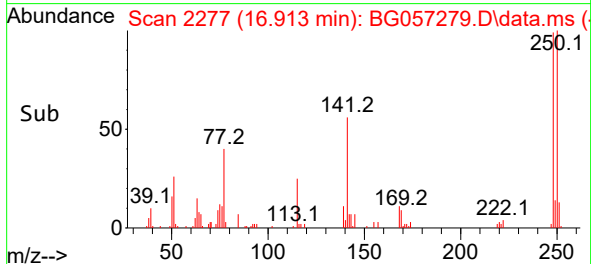
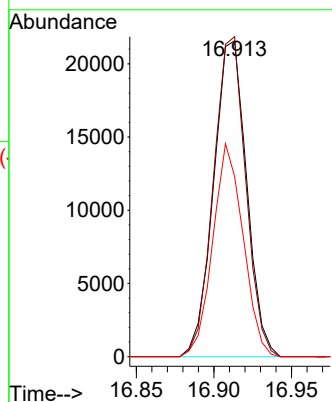
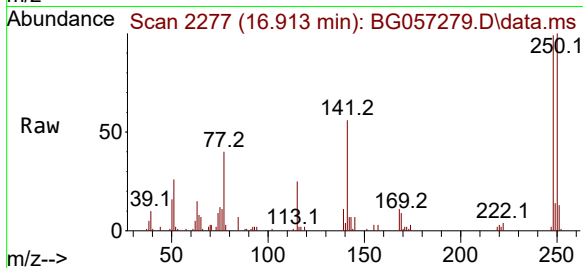




#68
4-Bromophenyl-phenylether
Concen: 23.981 ng/ul
RT: 16.913 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

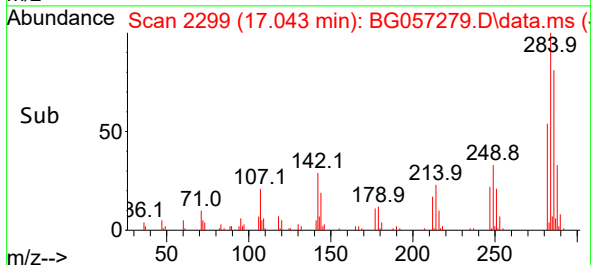
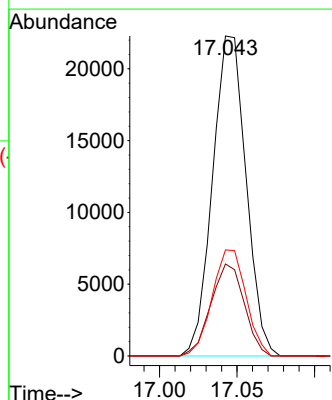
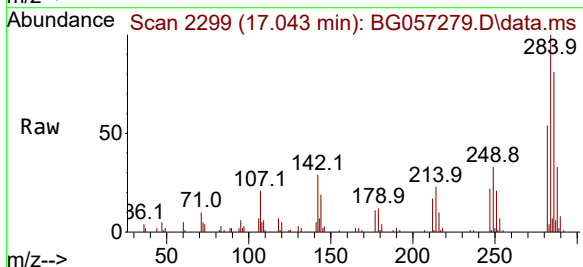
Instrument :
BNA_G
ClientSampleId :

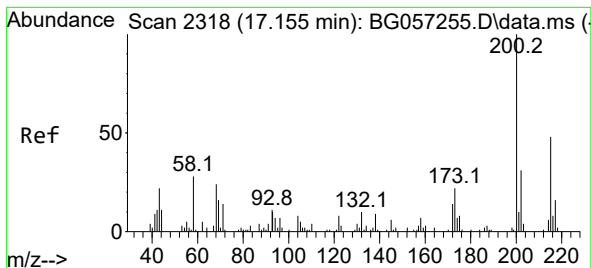
Tgt Ion:248 Resp: 31906
Ion Ratio Lower Upper
248 100
250 101.3 74.8 112.2
141 57.1 47.8 71.6



#69
Hexachlorobenzene
Concen: 23.890 ng/ul
RT: 17.043 min Scan# 2299
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:284 Resp: 33471
Ion Ratio Lower Upper
284 100
142 28.7 22.6 33.8
249 33.2 26.2 39.2





#70

Atrazine

Concen: 22.483 ng/ul

RT: 17.160 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

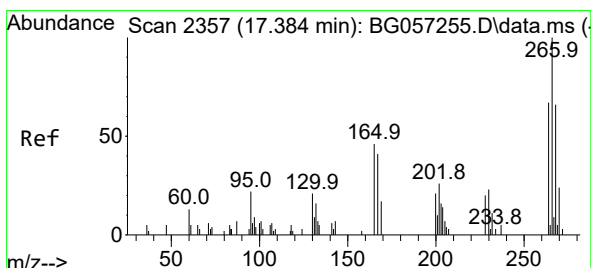
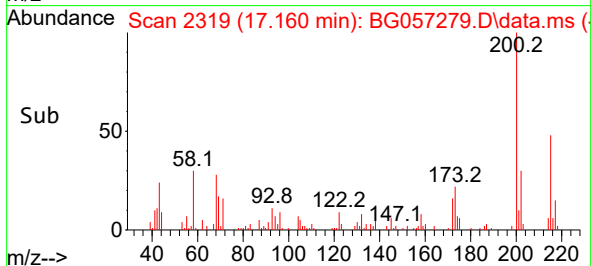
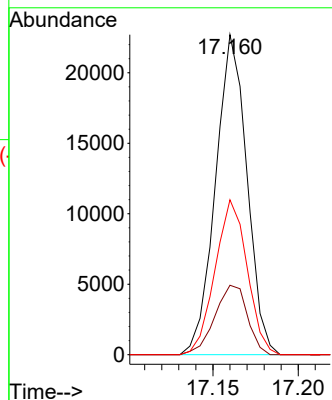
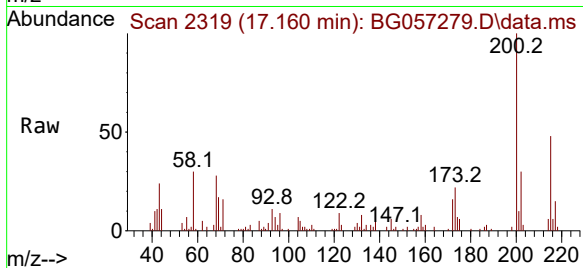
Tgt Ion:200 Resp: 29056

Ion Ratio Lower Upper

200 100

173 21.7 17.8 26.6

215 48.4 40.3 60.5



#71

Pentachlorophenol

Concen: 19.734 ng/ul

RT: 17.389 min Scan# 2358

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

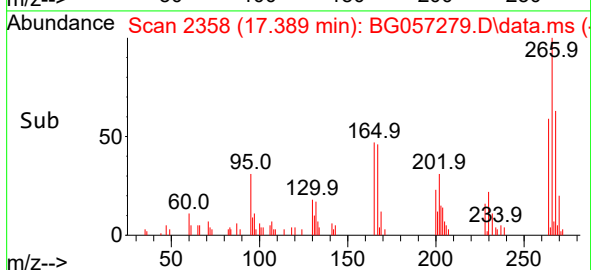
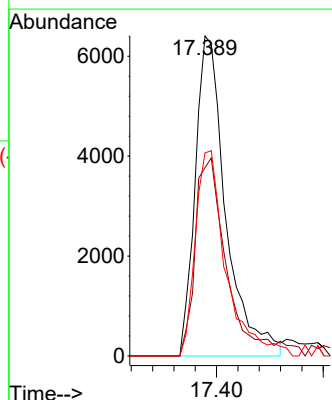
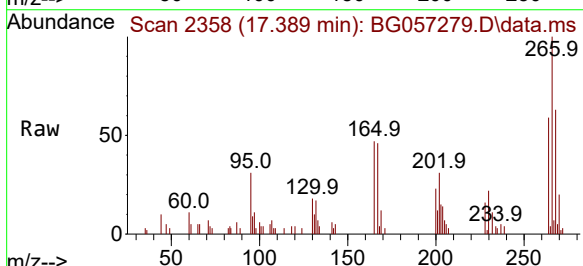
Tgt Ion:266 Resp: 12780

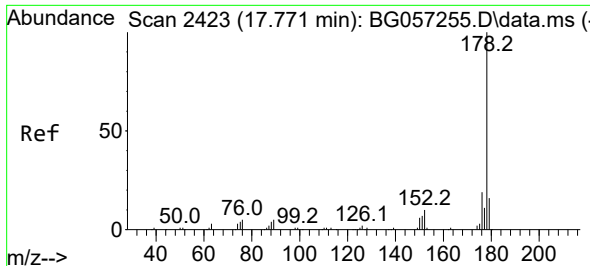
Ion Ratio Lower Upper

266 100

264 58.9 47.8 71.6

268 63.4 48.2 72.4

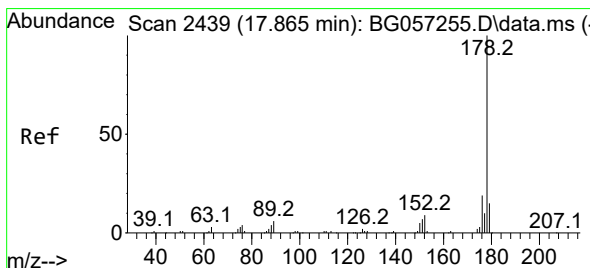
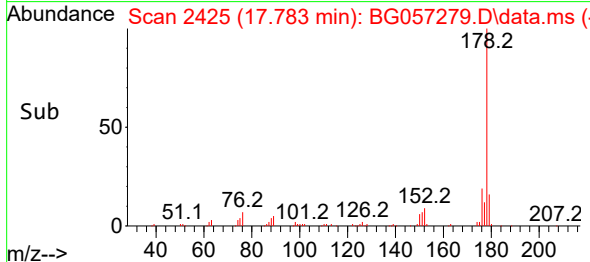
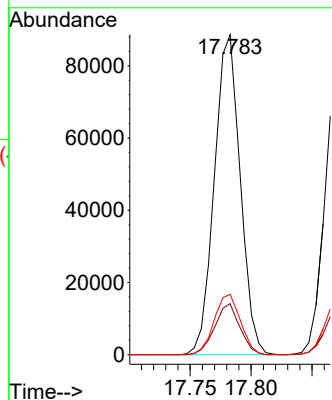
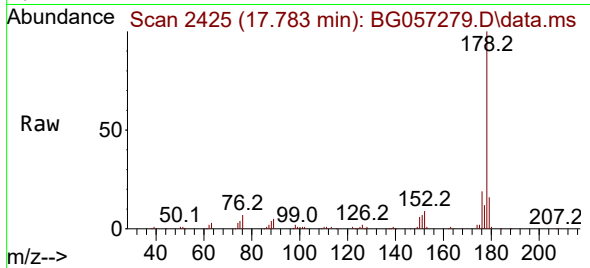




#72
Phenanthrene
Concen: 22.536 ng/ul
RT: 17.783 min Scan# 24
Delta R.T. 0.008 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

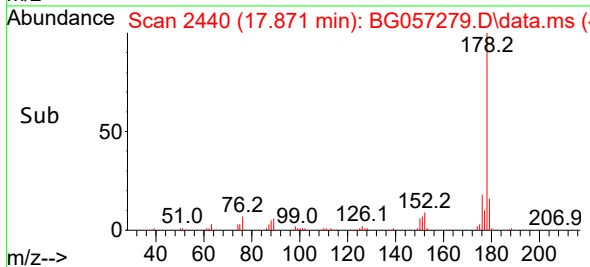
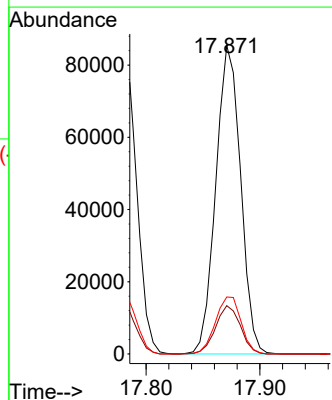
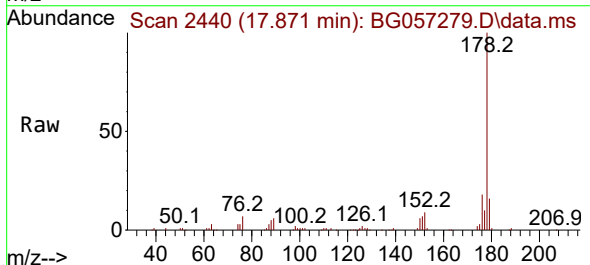
Instrument :
BNA_G
ClientSampleId :

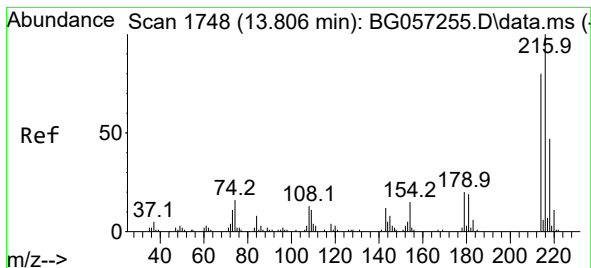
Tgt Ion:178 Resp: 130641
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.8
176 18.9 15.4 23.0



#74
Anthracene
Concen: 22.219 ng/ul
RT: 17.871 min Scan# 2440
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:178 Resp: 129379
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 18.5 14.7 22.1

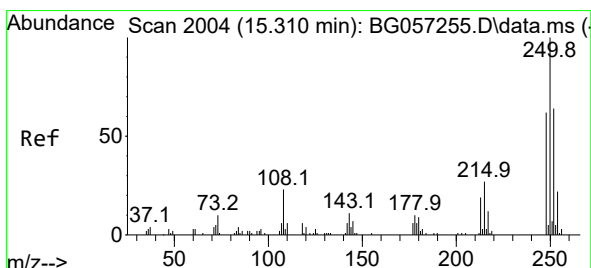
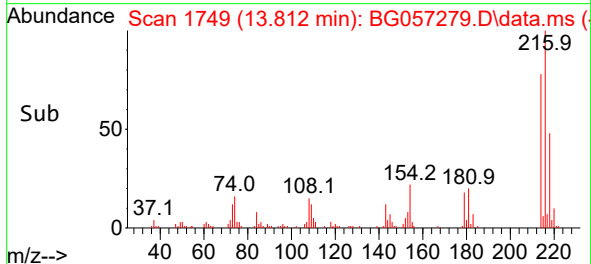
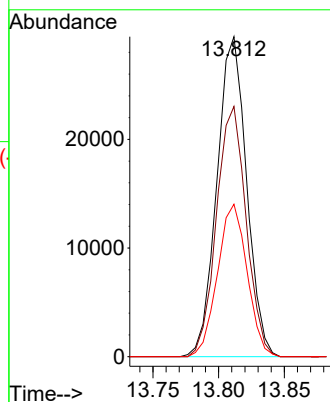
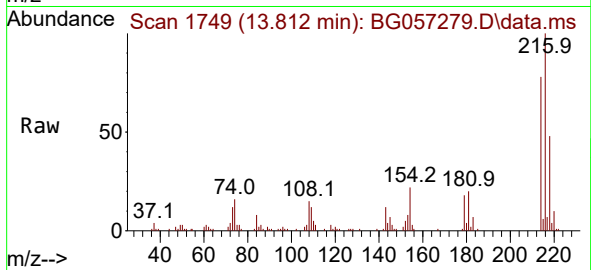




#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.586 ng/uL
RT: 13.812 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

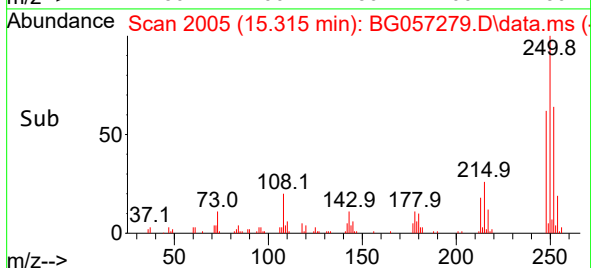
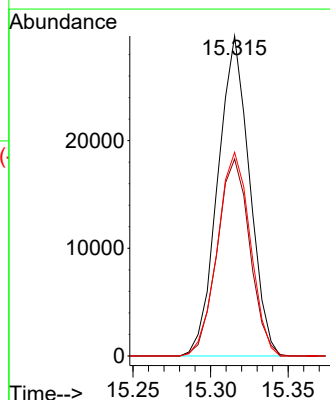
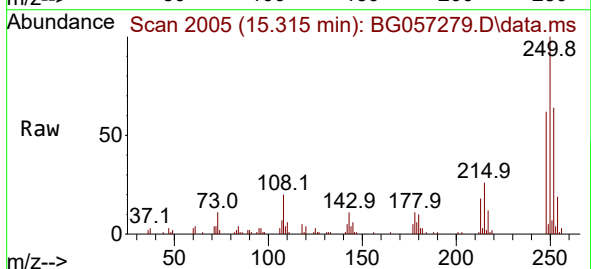
Instrument :
BNA_G
ClientSampleId :

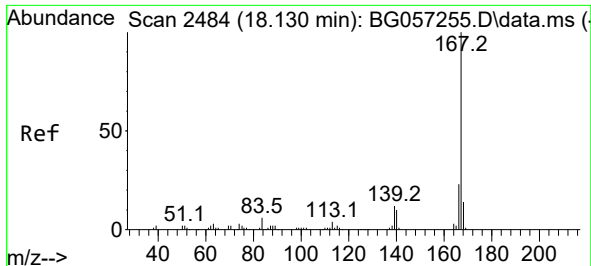
Tgt Ion:216 Resp: 46187
Ion Ratio Lower Upper
216 100
214 78.2 64.3 96.5
218 47.6 38.5 57.7



#76
Pentachlorobenzene
Concen: 24.744 ng/uL
RT: 15.315 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:250 Resp: 42170
Ion Ratio Lower Upper
250 100
248 61.5 52.2 78.2
252 63.6 52.5 78.7

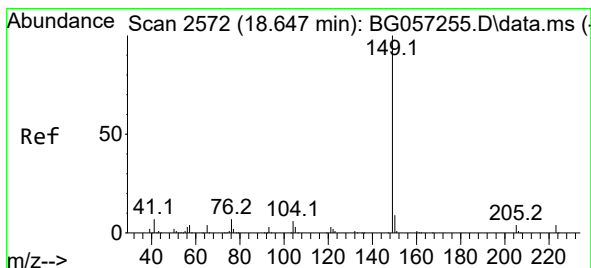
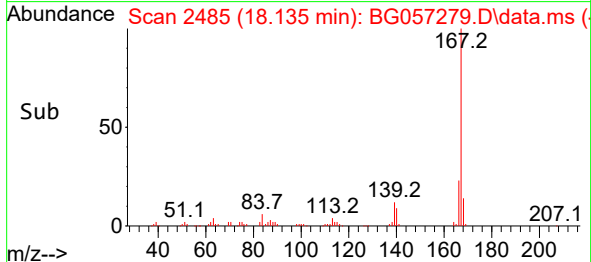
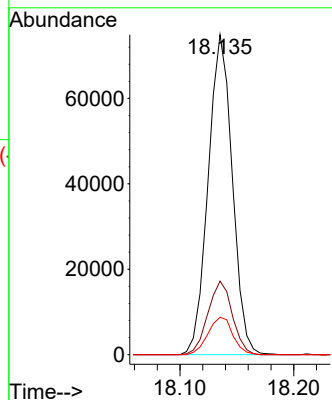
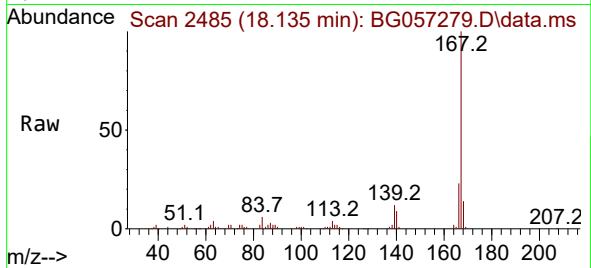




#77
Carbazole
Concen: 22.698 ng/ul
RT: 18.135 min Scan# 2485
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

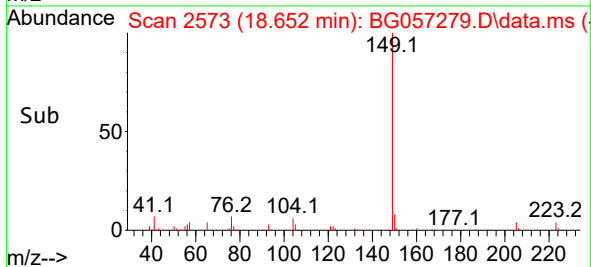
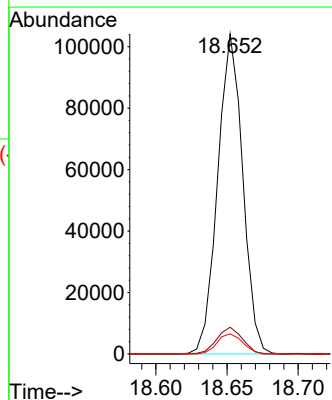
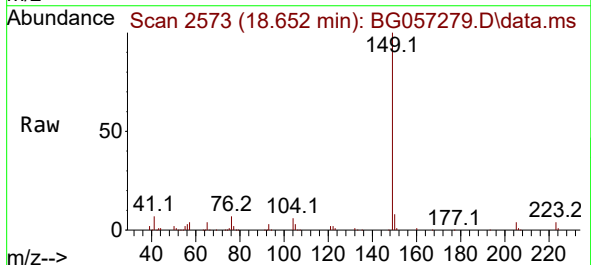
Instrument :
BNA_G
ClientSampleId :

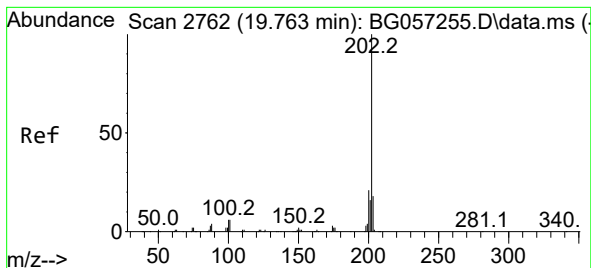
Tgt Ion:167 Resp: 110453
Ion Ratio Lower Upper
167 100
166 23.0 18.0 27.0
139 11.7 10.3 15.5



#78
Di-n-butylphthalate
Concen: 22.892 ng/ul
RT: 18.652 min Scan# 2573
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:149 Resp: 127382
Ion Ratio Lower Upper
149 100
150 8.4 7.3 10.9
104 6.3 5.0 7.6





#80

Fluoranthene

Concen: 23.428 ng/ul

RT: 19.768 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

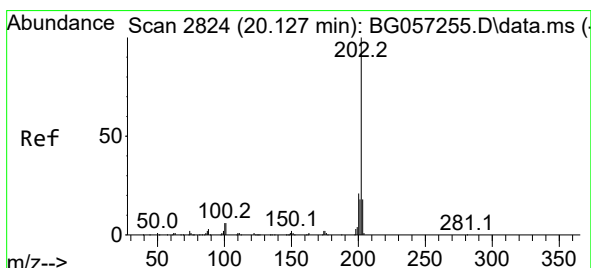
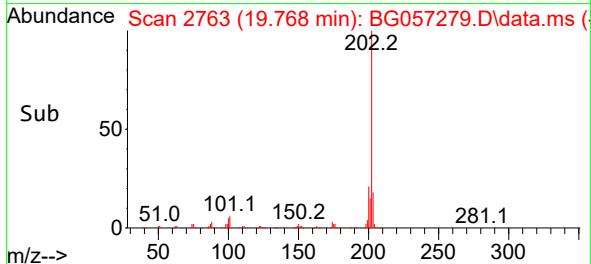
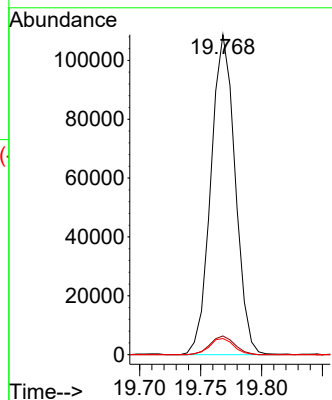
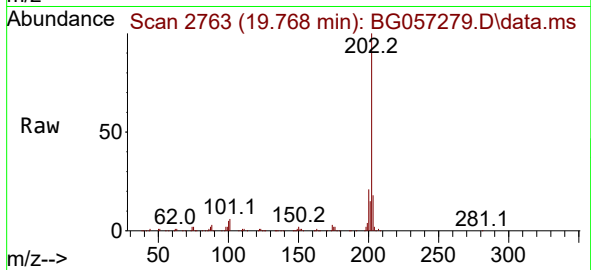
Tgt Ion:202 Resp: 151055

Ion Ratio Lower Upper

202 100

101 5.9 5.8 8.6

100 5.1 4.6 7.0



#82

Pyrene

Concen: 23.150 ng/ul

RT: 20.132 min Scan# 2825

Delta R.T. 0.008 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

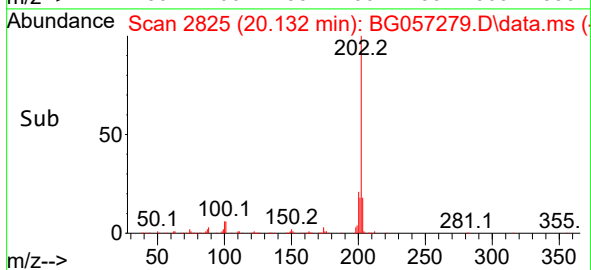
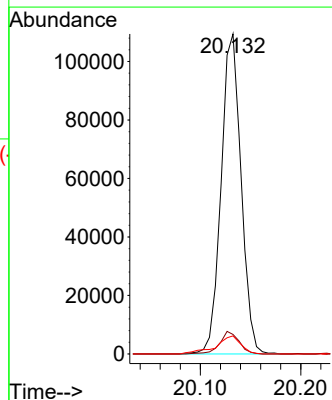
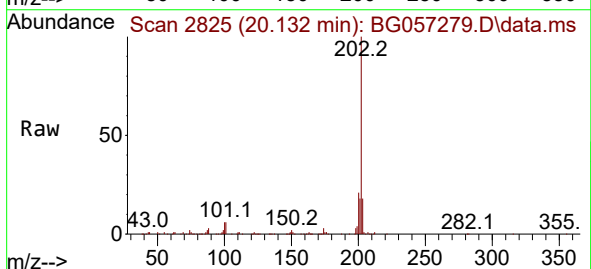
Tgt Ion:202 Resp: 151103

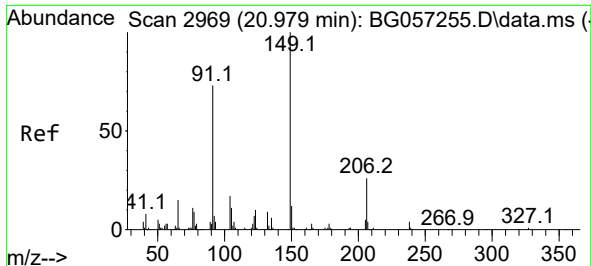
Ion Ratio Lower Upper

202 100

101 6.1 5.7 8.5

100 5.6 6.0 9.0#

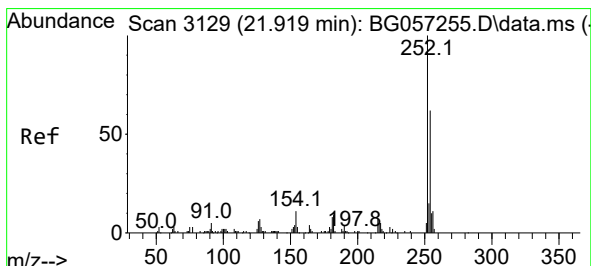
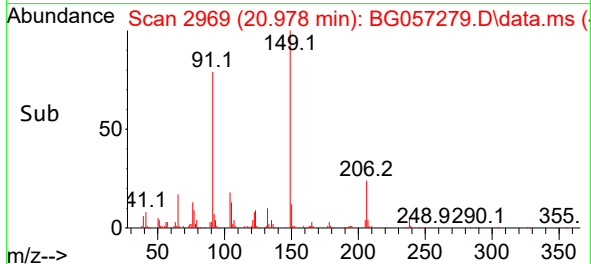
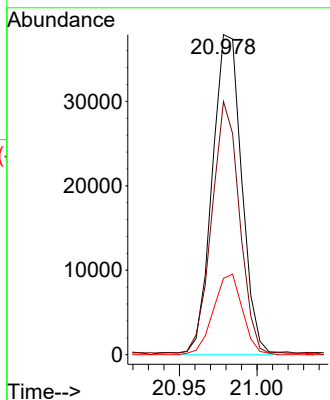
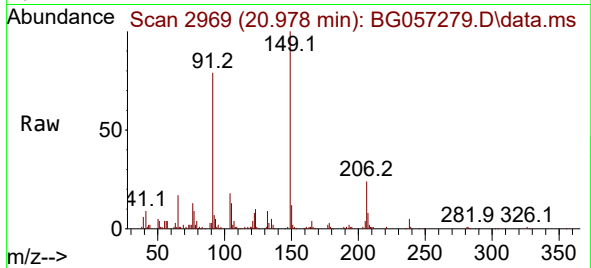




#83
Butylbenzylphthalate
Concen: 23.940 ng/ul
RT: 20.978 min Scan# 2969
Delta R.T. -0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

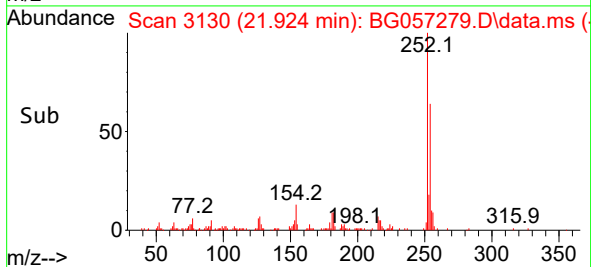
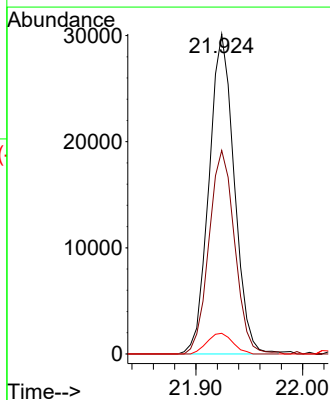
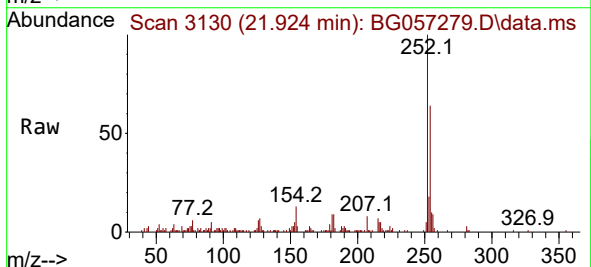
Instrument :
BNA_G
ClientSampleId :

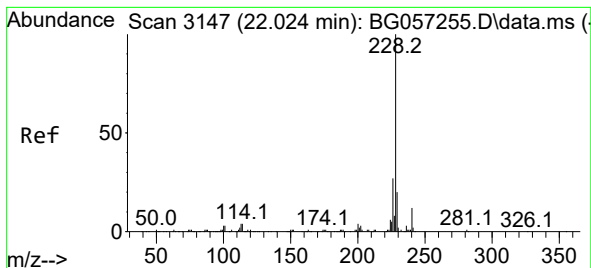
Tgt Ion:149 Resp: 50042
Ion Ratio Lower Upper
149 100
91 79.1 58.6 87.8
206 23.8 19.8 29.8



#84
3,3'-Dichlorobenzidine
Concen: 24.373 ng/ul
RT: 21.924 min Scan# 3130
Delta R.T. 0.003 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:252 Resp: 49497
Ion Ratio Lower Upper
252 100
254 63.6 53.7 80.5
126 6.4 5.2 7.8





#85

Benzo(a)anthracene

Concen: 22.806 ng/ul

RT: 22.030 min Scan# 3148

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

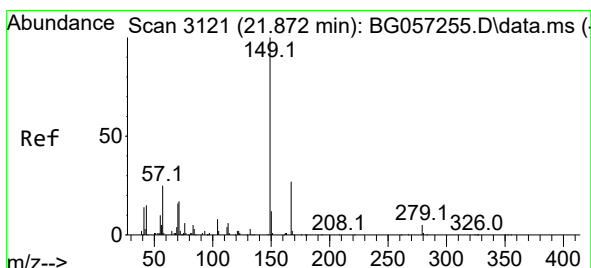
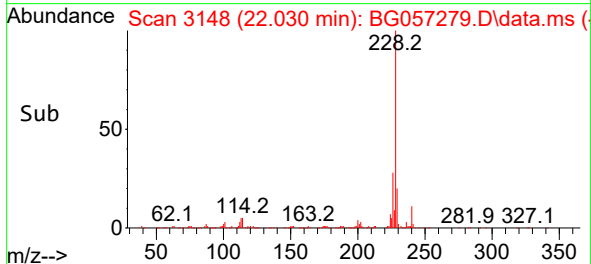
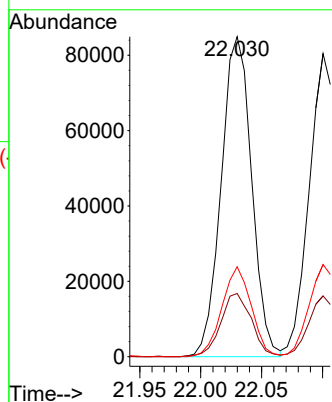
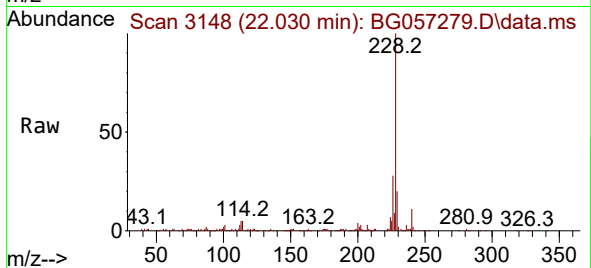
Tgt Ion:228 Resp: 147497

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.6

226 28.1 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 23.241 ng/ul

RT: 21.871 min Scan# 3121

Delta R.T. -0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

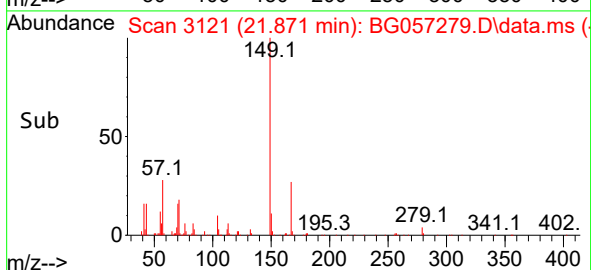
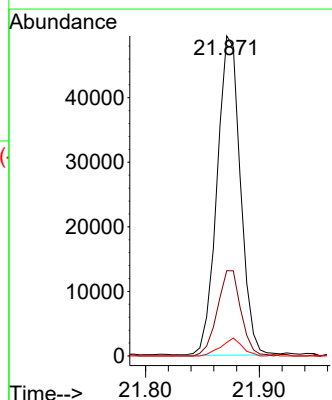
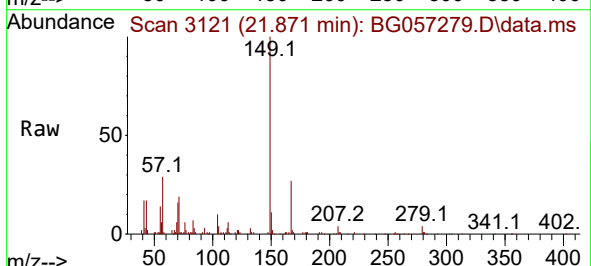
Tgt Ion:149 Resp: 70657

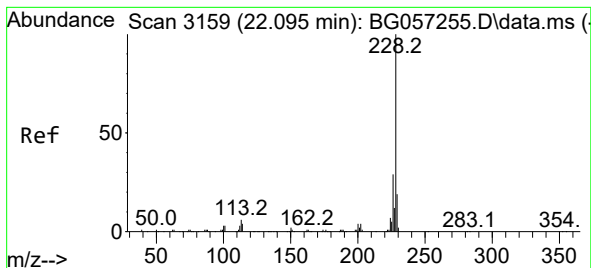
Ion Ratio Lower Upper

149 100

167 26.7 23.0 34.6

279 4.2 3.6 5.4





#87

Chrysene

Concen: 22.201 ng/ul

RT: 22.100 min Scan# 3159

Delta R.T. 0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

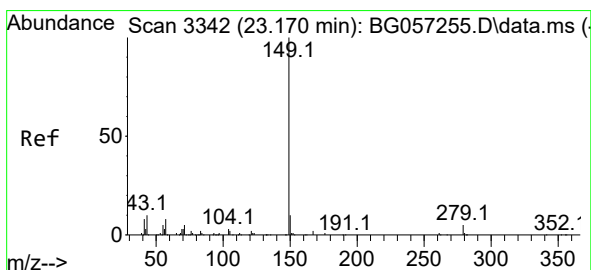
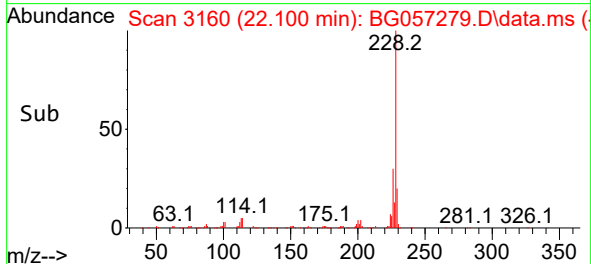
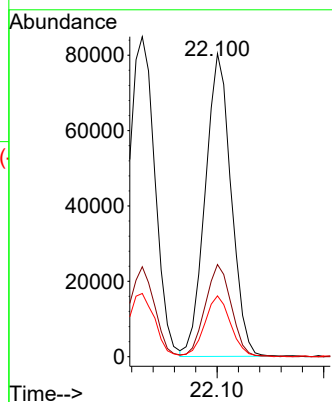
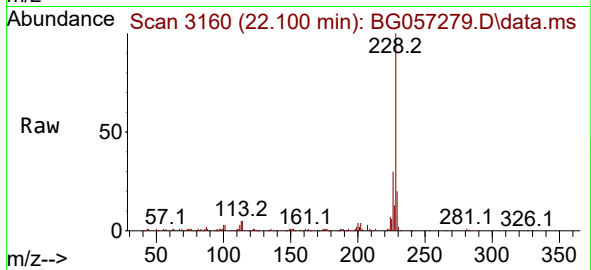
Tgt Ion:228 Resp: 135464

Ion Ratio Lower Upper

228 100

226 30.4 22.8 34.2

229 20.1 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 22.296 ng/ul

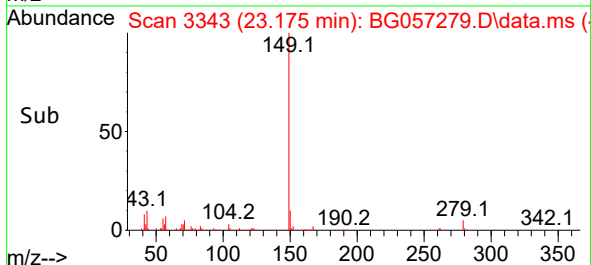
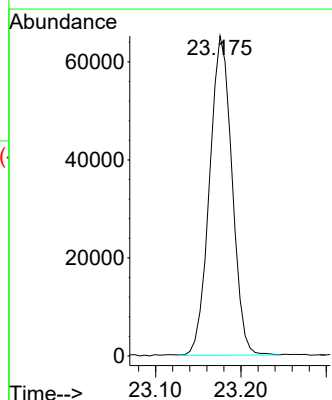
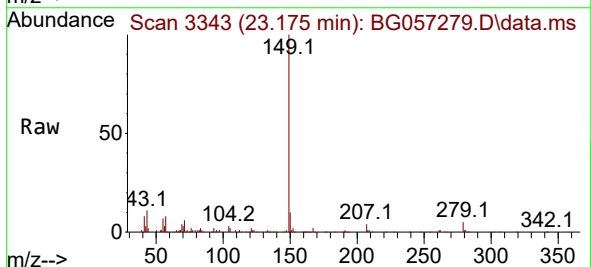
RT: 23.175 min Scan# 3343

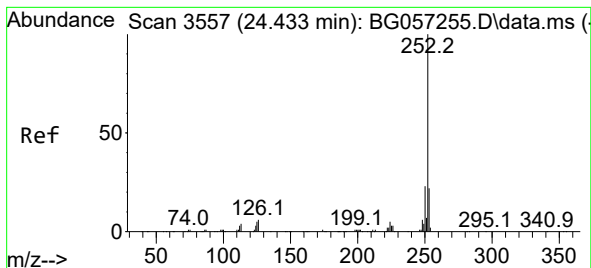
Delta R.T. -0.003 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Tgt Ion:149 Resp: 119113





#90

Benzo(b)fluoranthene

Concen: 22.352 ng/ul

RT: 24.444 min Scan# 3559

Delta R.T. 0.008 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

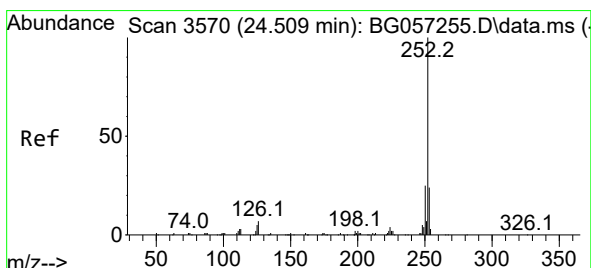
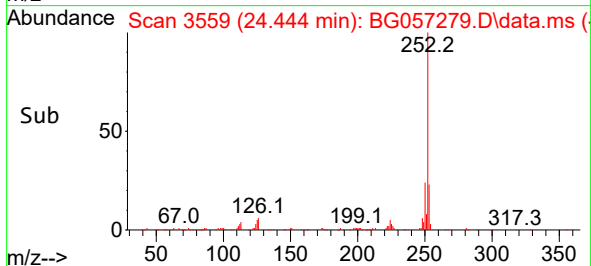
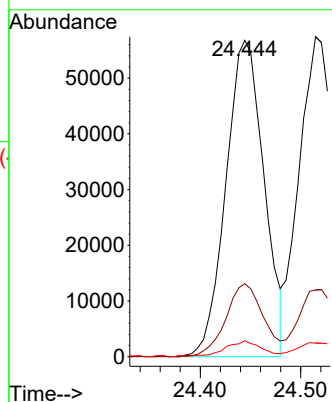
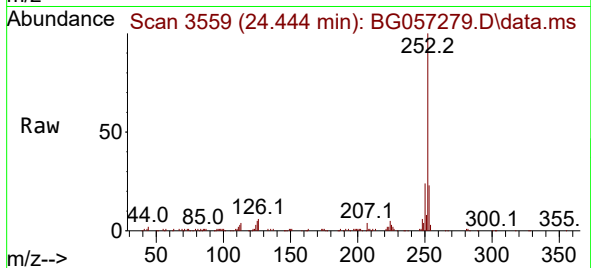
Tgt Ion:252 Resp: 149745

Ion Ratio Lower Upper

252 100

253 23.1 16.7 25.1

125 5.0 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 22.975 ng/ul

RT: 24.444 min Scan# 3559

Delta R.T. -0.068 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

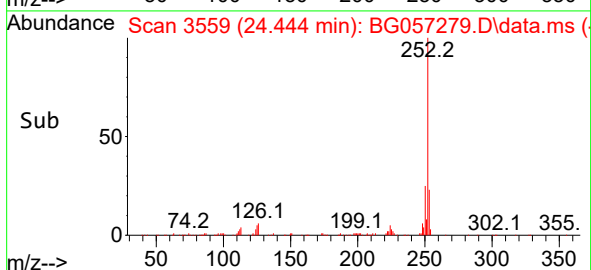
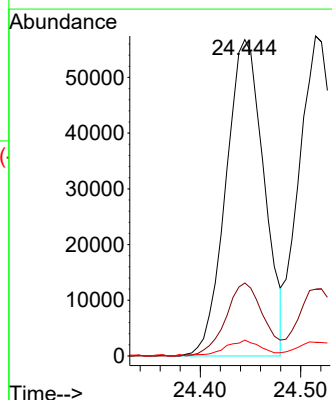
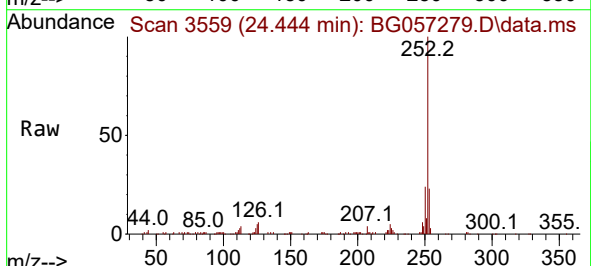
Tgt Ion:252 Resp: 149745

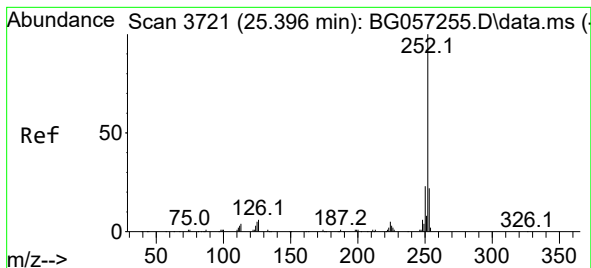
Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 5.0 4.5 6.7





#93

Benzo(a)pyrene

Concen: 22.786 ng/ul

RT: 25.408 min Scan# 3

Delta R.T. 0.008 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

Instrument :

BNA_G

ClientSampleId :

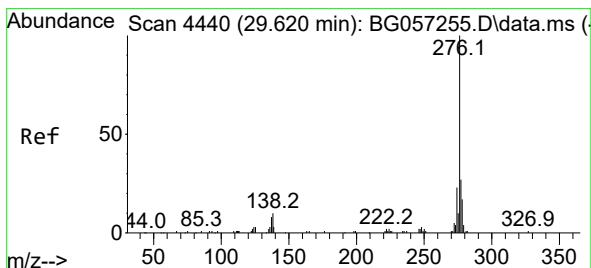
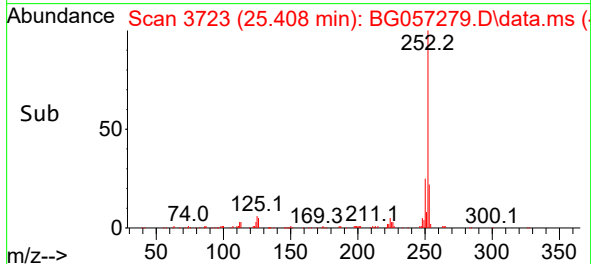
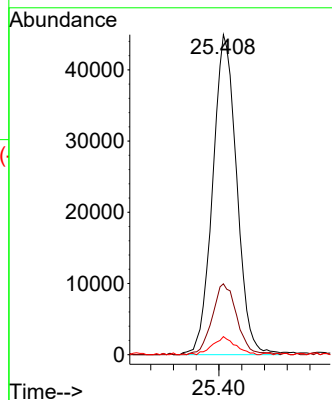
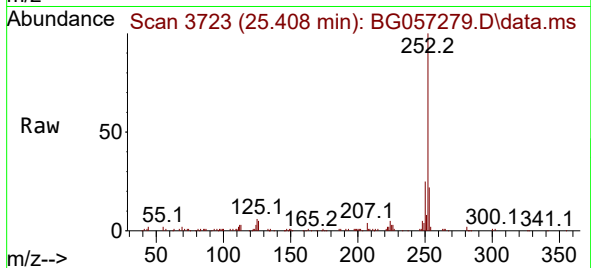
Tgt Ion:252 Resp: 131785

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 5.7 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.325 ng/ul

RT: 29.655 min Scan# 4446

Delta R.T. 0.032 min

Lab File: BG057279.D

Acq: 2 May 2023 15:05

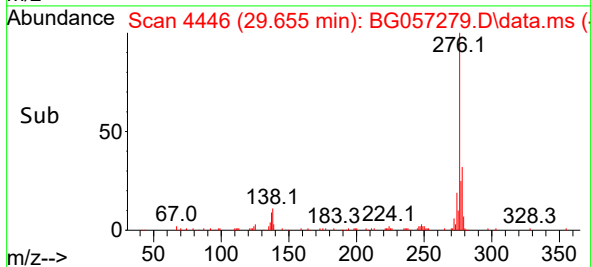
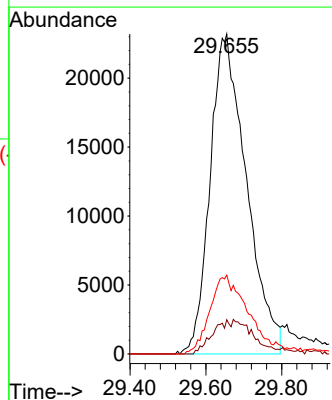
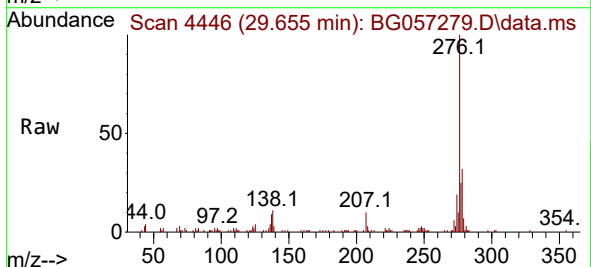
Tgt Ion:276 Resp: 154177

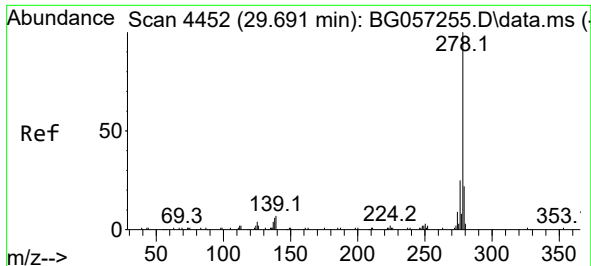
Ion Ratio Lower Upper

276 100

138 10.7 9.4 14.2

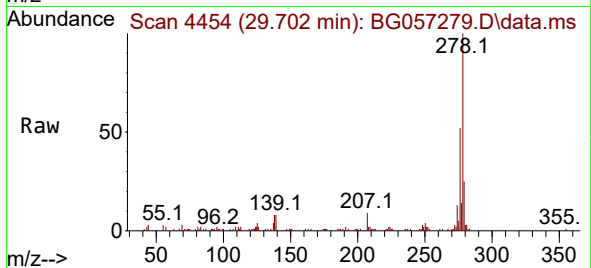
277 24.7 18.6 28.0



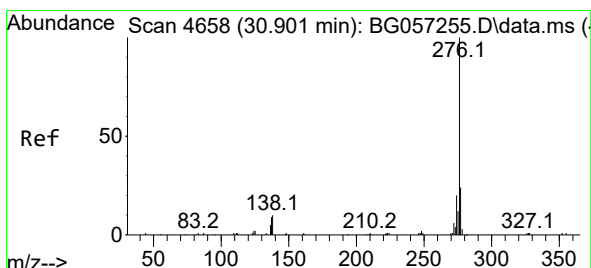
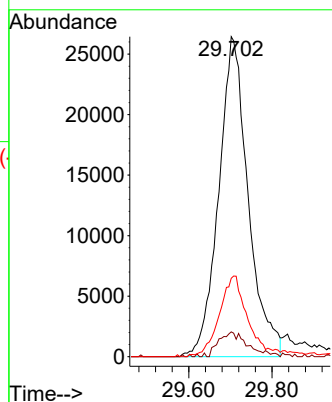
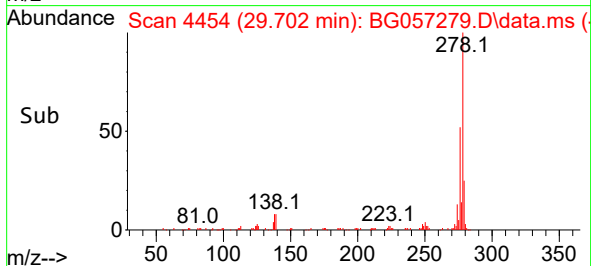


#95
Dibenzo(a,h)anthracene
Concen: 21.685 ng/ul
RT: 29.702 min Scan# 4454
Delta R.T. 0.008 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:278 Resp: 130004
Ion Ratio Lower Upper
278 100
139 7.8 5.8 8.6
279 24.5 18.3 27.5



#96
Benzo(g,h,i)perylene
Concen: 11.351 ng/ul
RT: 30.930 min Scan# 4663
Delta R.T. 0.020 min
Lab File: BG057279.D
Acq: 2 May 2023 15:05

Tgt Ion:276 Resp: 66419
Ion Ratio Lower Upper
276 100
138 10.4 8.7 13.1
277 22.1 18.4 27.6

