

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056097.D
 Acq On : 24 Dec 2022 19:50
 Operator : CG/JU
 Sample : PB149812BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 25 01:51:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 22:54:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.350	152	38647	20.000	ng/ul	0.00
20) Naphthalene-d8	11.176	136	153330	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.954	164	136194	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.692	188	364358	20.000	ng/ul	0.00
79) Chrysene-d12	21.993	240	354855	20.000	ng/ul	0.00
88) Perylene-d12	25.460	264	384948	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.650	96	6157	6.669	ng/uL	0.00
4) Pyridine-d5	4.085	84	92819	30.834	ng/ul	0.00
7) Phenol-d5	7.475	99	116355	33.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.651	67	48626	35.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.868	132	74126	35.776	ng/ul	0.00
15) 4-Methylphenol-d8	9.038	113	89145	33.788	ng/ul	0.00
21) Nitrobenzene-d5	9.519	128	38643	34.603	ng/ul	0.00
24) 2-Nitrophenol-d4	10.248	143	47590	32.616	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.783	165	103608	31.955	ng/ul	0.00
31) 4-Chloroaniline-d4	11.300	131	99164	27.040	ng/ul	0.00
46) Dimethylphthalate-d6	14.343	166	350040	33.208	ng/ul	0.00
49) Acenaphthylene-d8	14.655	160	375140	31.514	ng/ul	0.00
54) 4-Nitrophenol-d4	15.119	143	54155	34.130	ng/ul	0.00
60) Fluorene-d10	15.941	176	319683	30.725	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.047	200	75734	32.334	ng/ul	0.00
73) Anthracene-d10	17.792	188	539518	32.043	ng/ul	0.00
81) Pyrene-d10	20.054	212	671922	34.286	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.225	264	667394	34.110	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.685	88	12068	11.685	ng/uL#	92
5) Pyridine	4.102	79	90907	31.401	ng/ul	98
6) Benzaldehyde	7.469	77	68345	53.104	ng/ul	88
8) Phenol	7.504	94	121589	34.850	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.745	93	78256	34.076	ng/ul	98
12) 2-Chlorophenol	7.904	128	75985	36.512	ng/ul	95
13) 2-Methylphenol	8.773	108	90372	34.499	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.867	45	11978	40.606	ng/ul#	74
16) Acetophenone	9.173	105	142269	32.554	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.149	70	65580	35.492	ng/ul#	91
18) 4-Methylphenol	9.102	108	97394	34.323	ng/ul	87
19) Hexachloroethane	9.443	117	28019	33.486	ng/ul	92
22) Nitrobenzene	9.561	77	95091	34.315	ng/ul#	97
23) Isophorone	10.083	82	204951	32.348	ng/ul	98
25) 2-Nitrophenol	10.277	139	49011	34.797	ng/ul#	86
26) 2,4-Dimethylphenol	10.318	107	110573	33.177	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.559	93	106449	32.420	ng/ul	99
29) 2,4-Dichlorophenol	10.812	162	102612	33.135	ng/ul#	90
30) Naphthalene	11.229	128	267830	33.524	ng/ul	98
32) 4-Chloroaniline	11.323	127	104544	28.289	ng/ul	100
33) Hexachlorobutadiene	11.505	225	89610	30.878	ng/ul	92
34) Caprolactam	12.069	113	17629	17.806	ng/ul#	87
35) 4-Chloro-3-methylphenol	12.416	107	101592	34.148	ng/ul	97
36) 2-Methylnaphthalene	12.810	142	207750	32.434	ng/ul	98

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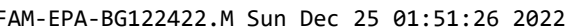
Instrument :
 BNA_P
 ClientSampleId :

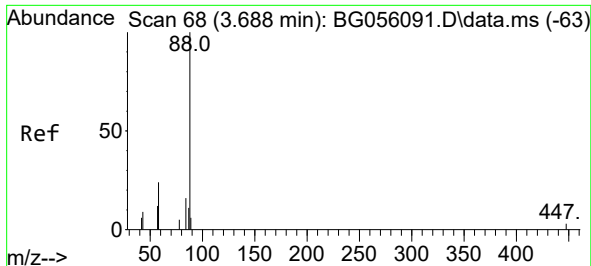
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.027	142	205856	31.903	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.168	216	177513	31.604	ng/ul	99
40) Hexachlorocyclopentadiene	13.145	237	109677	30.115	ng/ul	97
41) 2,4,6-Trichlorophenol	13.397	196	112978	34.127	ng/ul	94
42) 2,4,5-Trichlorophenol	13.468	196	118579	33.035	ng/ul	89
43) 1,1'-Biphenyl	13.791	154	317953	33.022	ng/ul	98
44) 2-Chloronaphthalene	13.844	162	257486	32.264	ng/ul	98
45) 2-Nitroaniline	14.032	65	45572	41.120	ng/ul#	69
47) Dimethylphthalate	14.390	163	350705	33.552	ng/ul#	97
48) 2,6-Dinitrotoluene	14.519	165	69821	33.842	ng/ul	96
50) Acenaphthylene	14.684	152	383221	32.394	ng/ul	98
51) 3-Nitroaniline	14.848	138	56930	36.735	ng/ul	100
52) Acenaphthene	15.019	153	276301	33.247	ng/ul	94
53) 2,4-Dinitrophenol	15.048	184	51144	31.848	ng/ul#	92
55) 4-Nitrophenol	15.136	109	54515	35.315	ng/ul	98
56) Dibenzofuran	15.348	168	419923	32.282	ng/ul	100
57) 2,4-Dinitrotoluene	15.301	165	100073	34.978	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.565	232	117988	33.254	ng/ul#	97
59) Diethylphthalate	15.742	149	323225	34.613	ng/ul	98
61) Fluorene	15.994	166	344322	32.223	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.977	204	218603	31.491	ng/ul	98
63) 4-Nitroaniline	16.006	138	61343	41.483	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	16.059	198	73067	32.538	ng/ul#	92
67) N-Nitrosodiphenylamine	16.188	169	314309	34.046	ng/ul	98
68) 4-Bromophenyl-phenylether	16.870	248	152017	32.909	ng/ul	95
69) Hexachlorobenzene	16.993	284	147384	32.966	ng/ul	99
70) Atrazine	17.122	200	144225	32.765	ng/ul	93
71) Pentachlorophenol	17.334	266	94562	33.268	ng/ul	94
72) Phenanthrene	17.733	178	615045	33.251	ng/ul	100
74) Anthracene	17.827	178	616761	32.572	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.767	216	187021	33.839	ng/uL	98
76) Pentachlorobenzene	15.266	250	175509	32.170	ng/uL	90
77) Carbazole	18.086	167	520080	33.595	ng/ul	99
78) Di-n-butylphthalate	18.621	149	517609	36.595	ng/ul	98
80) Fluoranthene	19.719	202	816845	35.446	ng/ul#	98
82) Pyrene	20.083	202	804971	34.626	ng/ul	98
83) Butylbenzylphthalate	20.947	149	213968	43.250	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.870	252	280993	35.244	ng/ul	98
85) Benzo(a)anthracene	21.970	228	823997	34.021	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.840	149	319153	42.112	ng/ul	99
87) Chrysene	22.040	228	770347	34.271	ng/ul	99
89) Di-n-octyl phthalate	23.139	149	544063	38.192	ng/ul	100
90) Benzo(b)fluoranthene	24.425	252	856585	33.707	ng/ul	99
91) Benzo(k)fluoranthene	24.425	252	856585	34.542	ng/ul#	99
93) Benzo(a)pyrene	25.295	252	757880	34.225	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.461	276	971005	33.292	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.531	278	822199	33.704	ng/ul	100
96) Benzo(g,h,i)perylene	30.712	276	784836	33.483	ng/ul	98

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

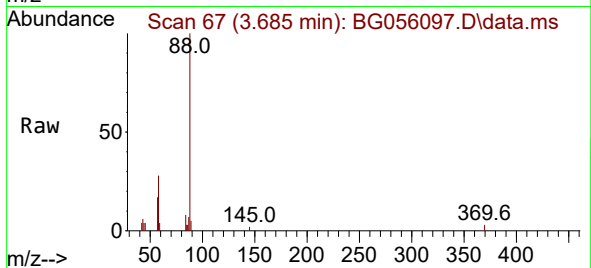
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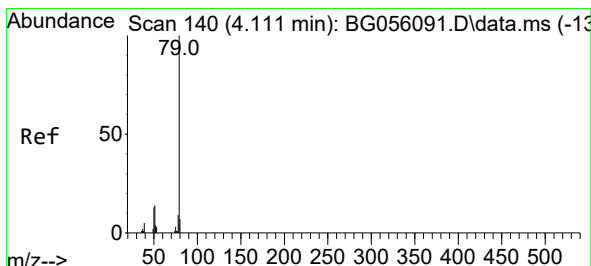
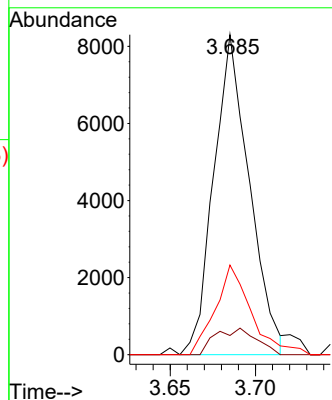
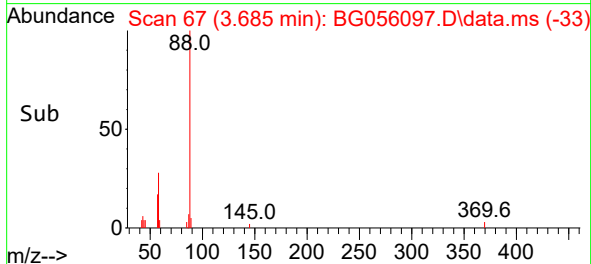


#2
1,4-Dioxane
Concen: 11.685 ng/uL
RT: 3.685 min Scan# 61
Delta R.T. -0.003 min
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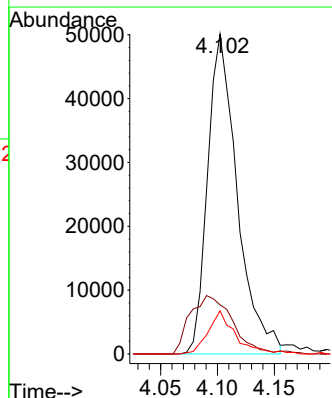
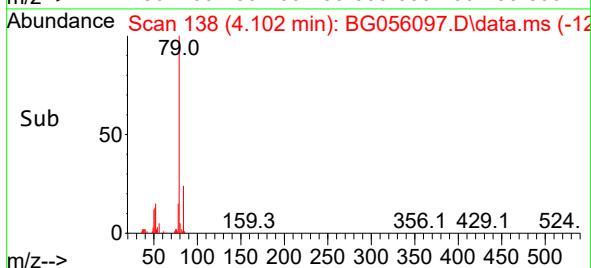
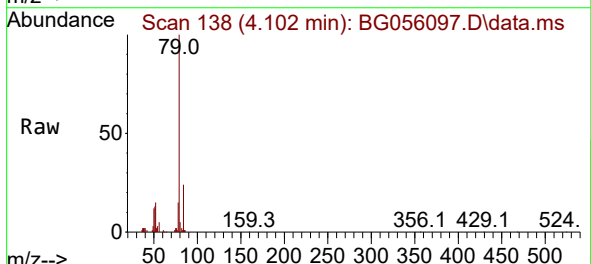


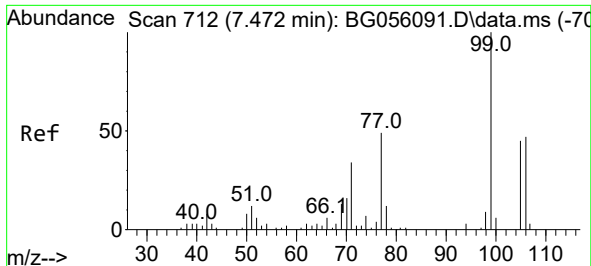
Tgt Ion: 88 Resp: 12068
Ion Ratio Lower Upper
88 100
43 6.0 7.4 11.0#
58 28.0 19.1 28.7



#5
Pyridine
Concen: 31.401 ng/uL
RT: 4.102 min Scan# 138
Delta R.T. -0.009 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion: 79 Resp: 90907
Ion Ratio Lower Upper
79 100
52 15.3 11.0 16.6
51 13.4 11.1 16.7

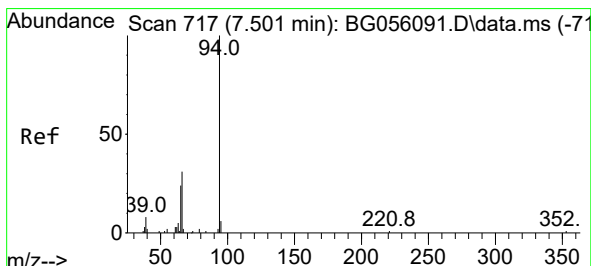
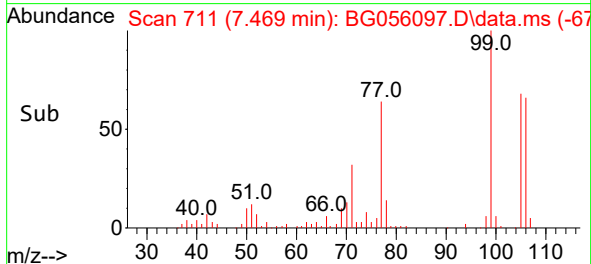
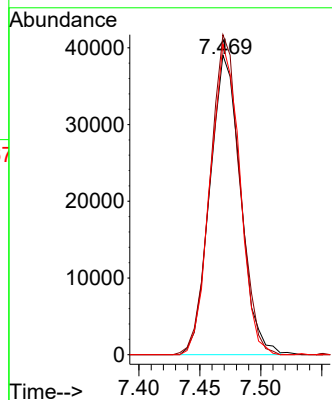
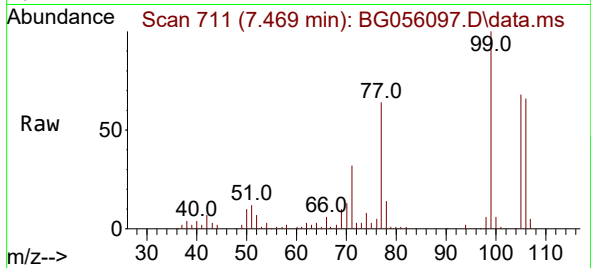




#6
Benzaldehyde
Concen: 53.104 ng/ul
RT: 7.469 min Scan# 712
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

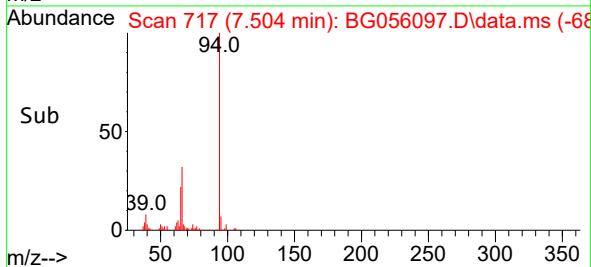
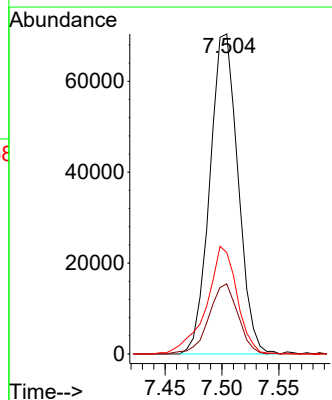
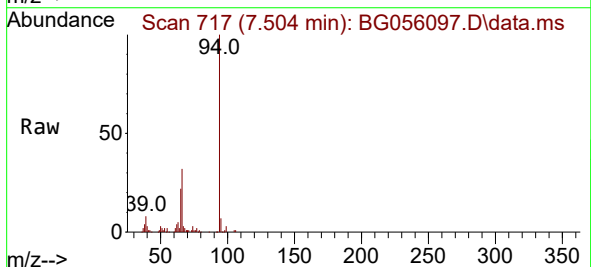
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BNA_P
ClientSampleId :

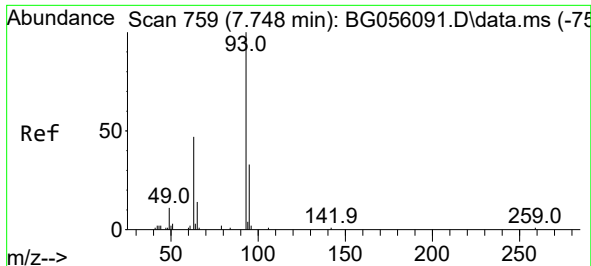
Tgt Ion: 77 Resp: 68345
Ion Ratio Lower Upper
77 100
105 106.8 72.6 109.0
106 103.6 76.8 115.2



#8
Phenol
Concen: 34.850 ng/ul
RT: 7.504 min Scan# 717
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion: 94 Resp: 121589
Ion Ratio Lower Upper
94 100
65 21.9 18.8 28.2
66 31.7 26.2 39.2





#10

Bis(2-Chloroethyl)ether

Concen: 34.076 ng/ul

RT: 7.745 min Scan# 7

Delta R.T. -0.003 min

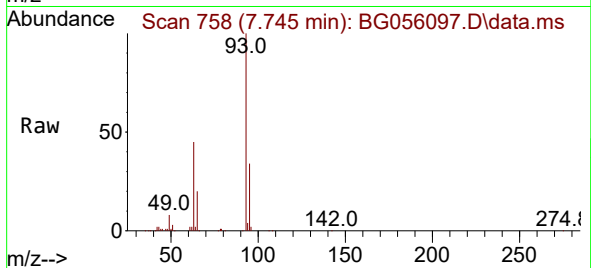
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Acq: 24 Dec 2022 19:50

Instrument :

BNA_P

ClientSampleId :



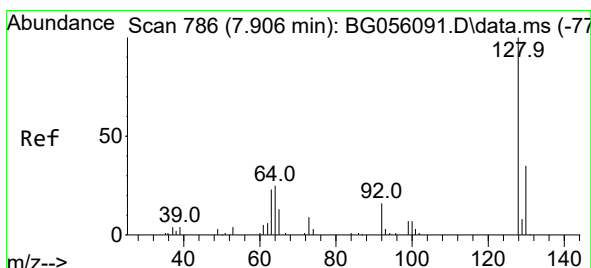
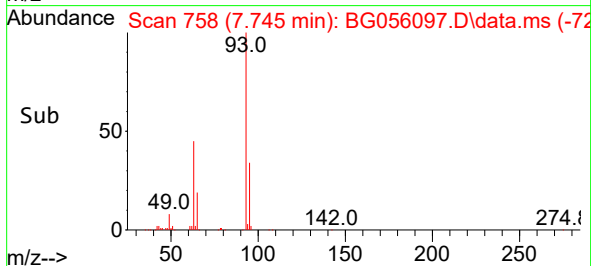
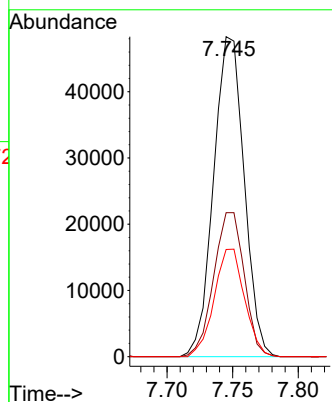
Tgt Ion: 93 Resp: 78256

Ion Ratio Lower Upper

93 100

63 45.0 37.4 56.2

95 33.5 26.3 39.5



#12

2-Chlorophenol

Concen: 36.512 ng/ul

RT: 7.904 min Scan# 785

Delta R.T. -0.003 min

Lab File: BG056097.D

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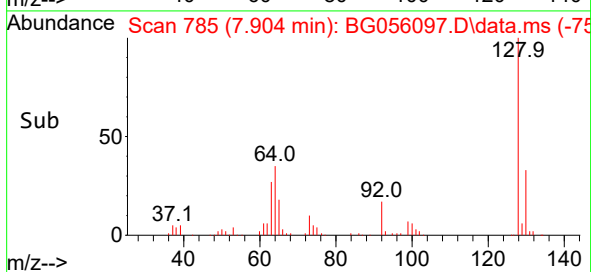
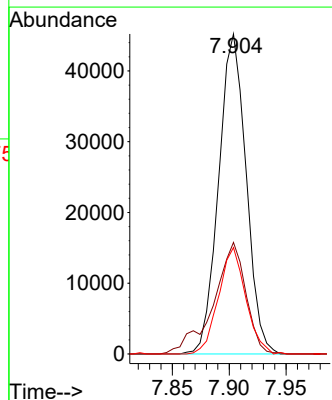
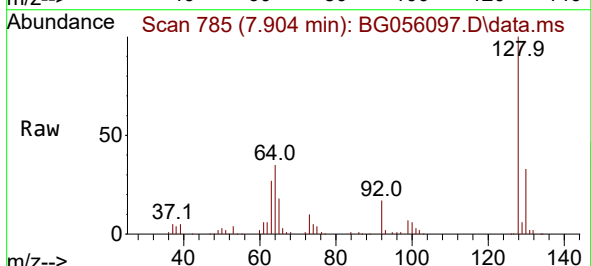
Tgt Ion:128 Resp: 75985

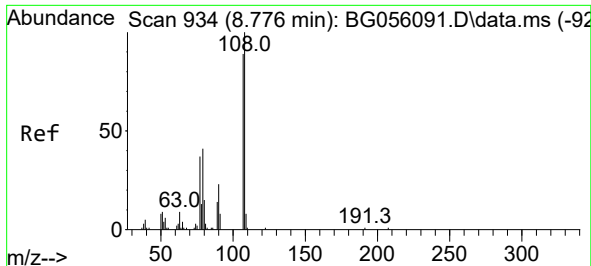
Ion Ratio Lower Upper

128 100

64 34.8 24.8 37.2

130 33.2 27.9 41.9

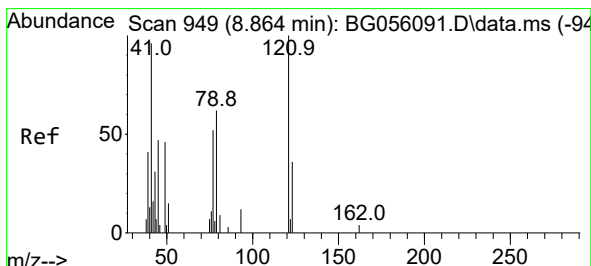
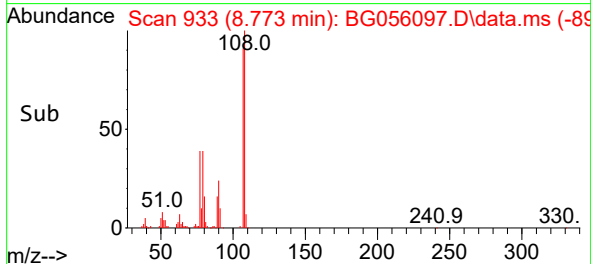
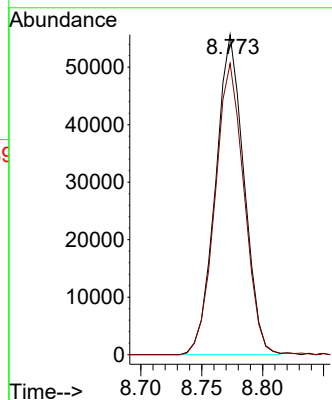
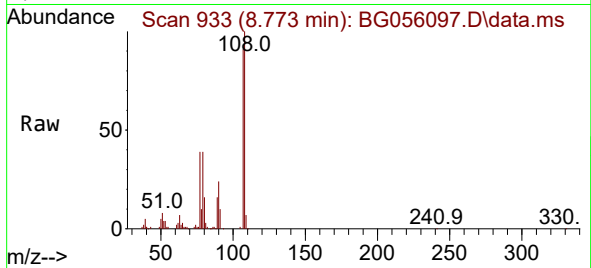




#13
2-Methylphenol
Concen: 34.499 ng/ul
RT: 8.773 min Scan# 913
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

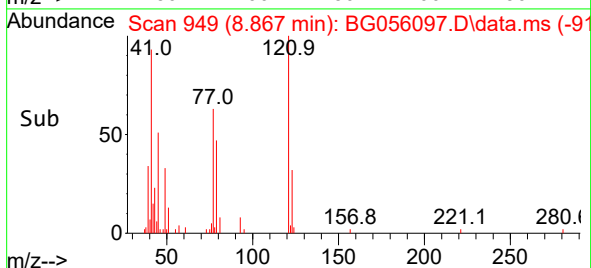
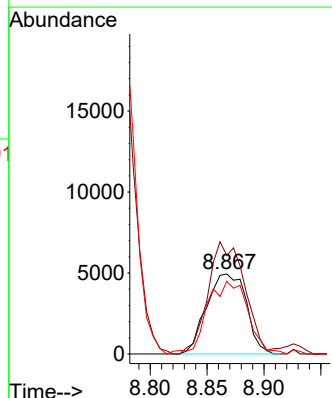
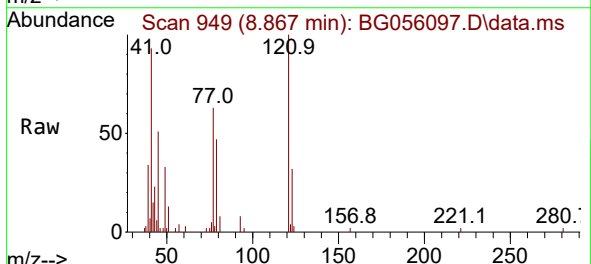
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BNA_P
ClientSampleId :

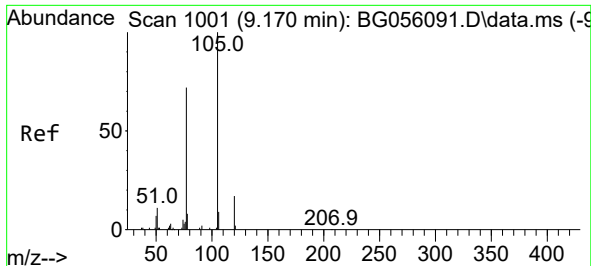
Tgt Ion:108 Resp: 90372
Ion Ratio Lower Upper
108 100
107 91.0 71.4 107.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 40.606 ng/ul
RT: 8.867 min Scan# 949
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion: 45 Resp: 11978
Ion Ratio Lower Upper
45 100
77 123.0 105.8 158.8
79 90.7 114.2 171.4#

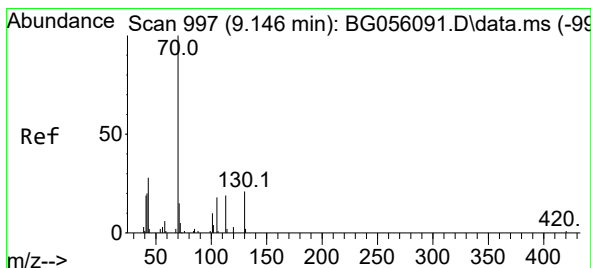
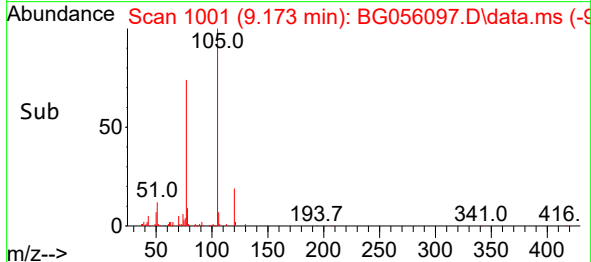
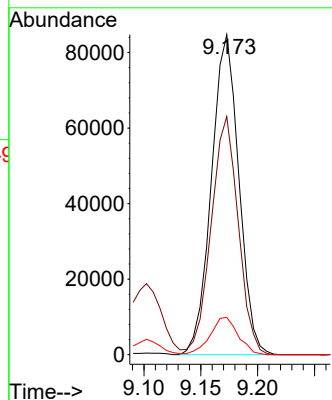
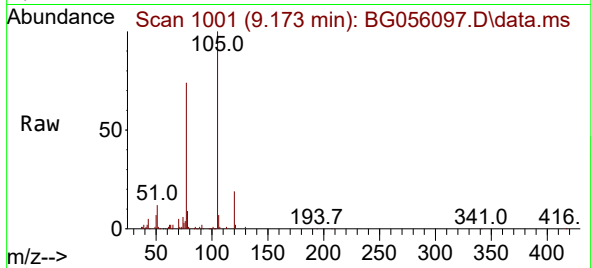




#16
Acetophenone
Concen: 32.554 ng/ul
RT: 9.173 min Scan# 1001
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

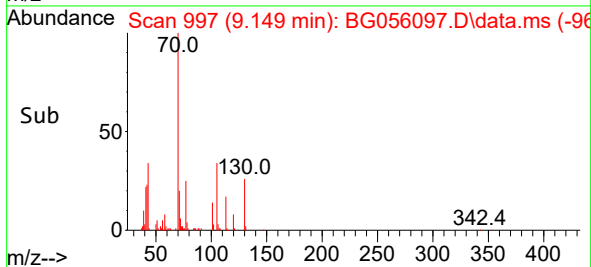
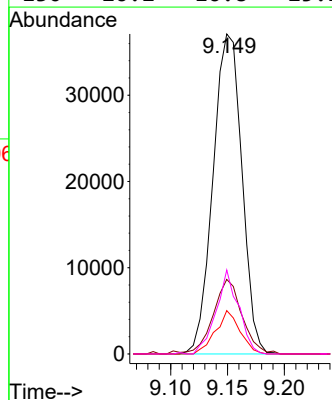
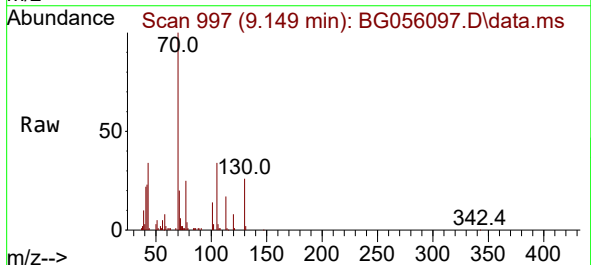
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BNA_P
ClientSampleId :

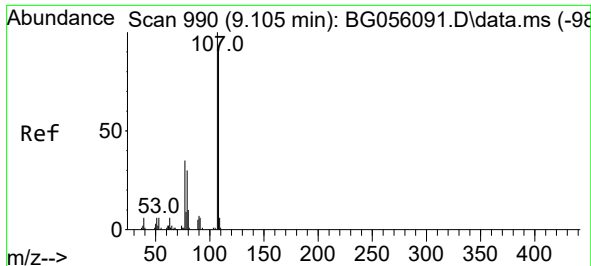
Tgt Ion:105 Resp: 142269
Ion Ratio Lower Upper
105 100
77 74.4 59.0 88.4
51 11.7 9.6 14.4



#17
N-Nitroso-di-n-propylamine
Concen: 35.492 ng/ul
RT: 9.149 min Scan# 997
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

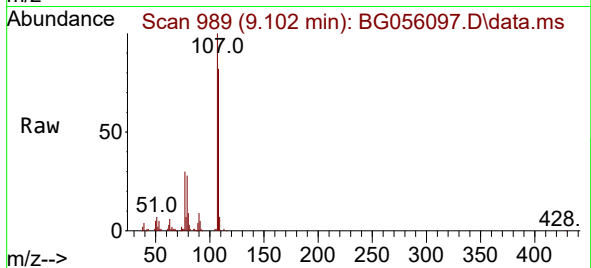
Tgt Ion: 70 Resp: 65580
Ion Ratio Lower Upper
70 100
42 23.3 16.1 24.1
101 13.5 8.4 12.6#
130 26.2 16.8 25.2#



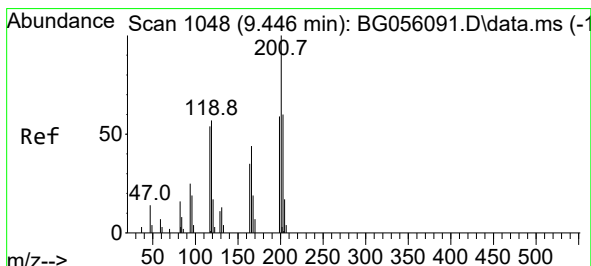
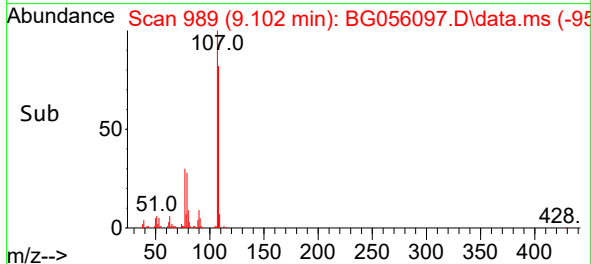
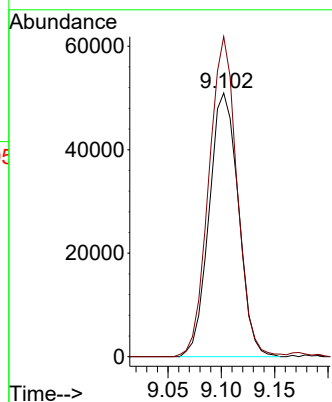


#18
4-Methylphenol
Concen: 34.323 ng/ul
RT: 9.102 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Instrument :
BNA_P
ClientSampleId :

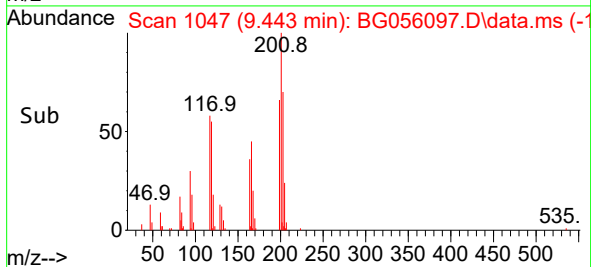
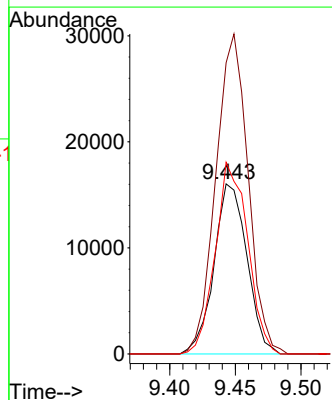
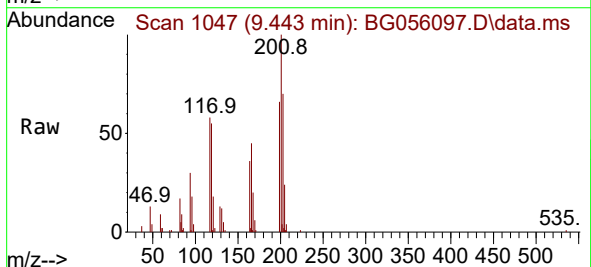


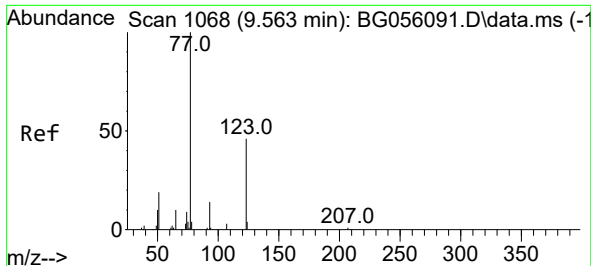
Tgt Ion:108 Resp: 97394
Ion Ratio Lower Upper
108 100
107 121.4 86.2 129.2



#19
Hexachloroethane
Concen: 33.486 ng/ul
RT: 9.443 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:117 Resp: 28019
Ion Ratio Lower Upper
117 100
201 171.2 149.0 223.4
199 112.7 87.7 131.5

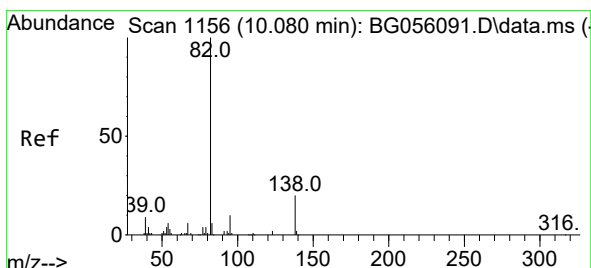
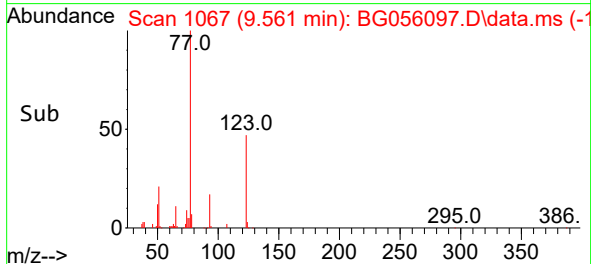
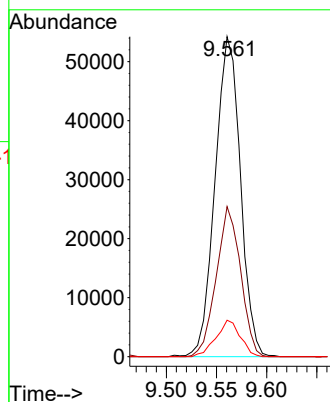
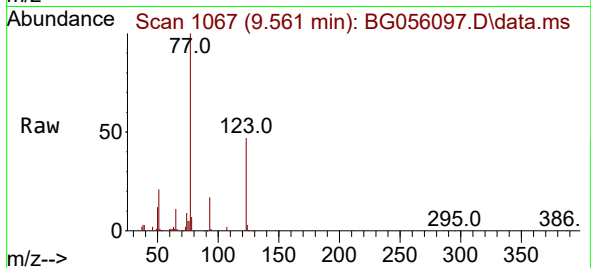




#22
Nitrobenzene
Concen: 34.315 ng/ul
RT: 9.561 min Scan# 1067
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

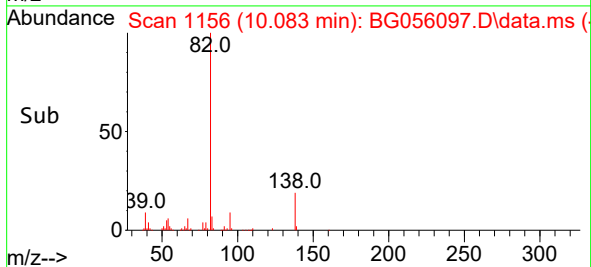
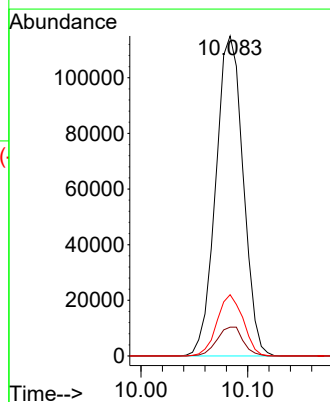
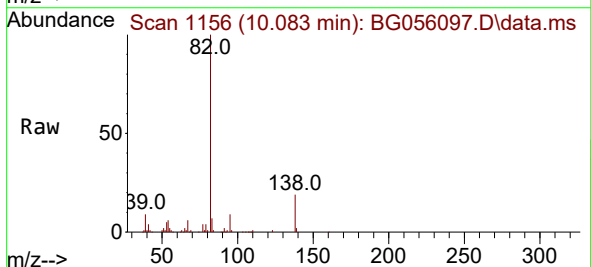
Instrument :
BNA_P
ClientSampleId :

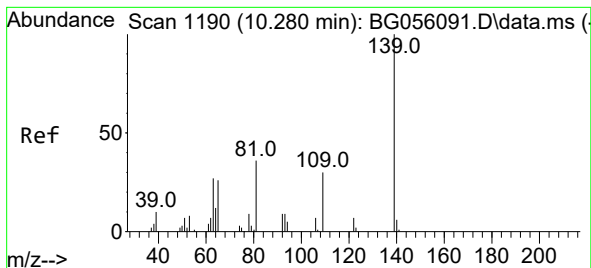
Tgt Ion: 77 Resp: 95091
Ion Ratio Lower Upper
77 100
123 46.9 36.0 54.0
65 11.4 7.6 11.4#



#23
Isophorone
Concen: 32.348 ng/ul
RT: 10.083 min Scan# 1156
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion: 82 Resp: 204951
Ion Ratio Lower Upper
82 100
95 9.0 7.9 11.9
138 19.1 15.8 23.6





#25

2-Nitrophenol

Concen: 34.797 ng/ul

RT: 10.277 min Scan# 1189

Delta R.T. -0.003 min

Lab File: BG056097.D

Acq: 24 Dec 2022 19:50

Instrument :

BNA_P

ClientSampleId :

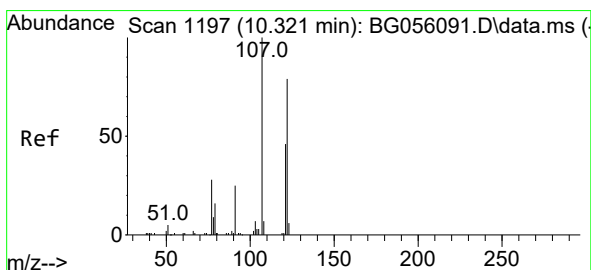
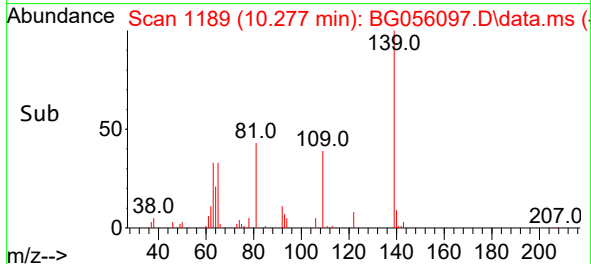
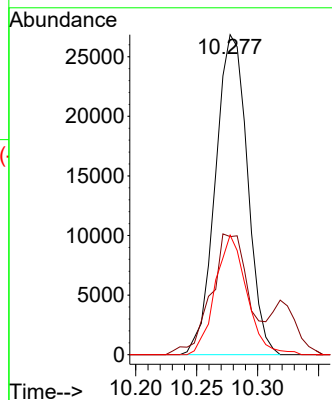
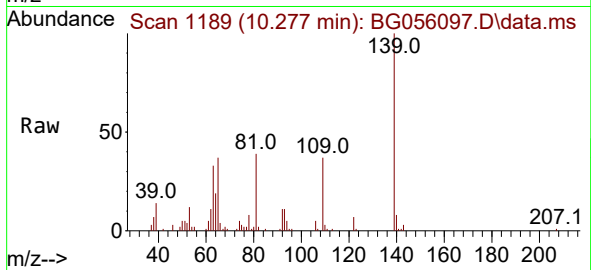
Tgt Ion:139 Resp: 49011

Ion Ratio Lower Upper

139 100

65 36.9 23.2 34.8#

109 37.4 23.8 35.8#



#26

2,4-Dimethylphenol

Concen: 33.177 ng/ul

RT: 10.318 min Scan# 1196

Delta R.T. -0.003 min

Lab File: BG056097.D

Acq: 24 Dec 2022 19:50

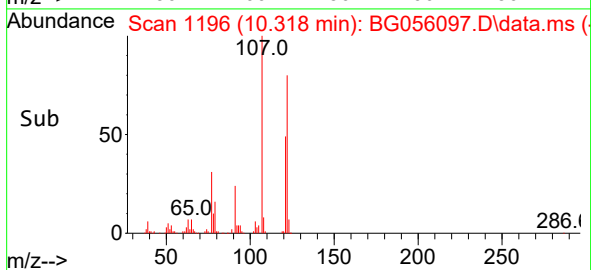
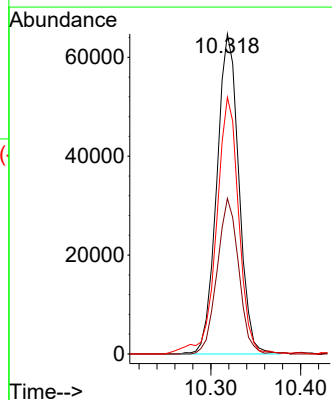
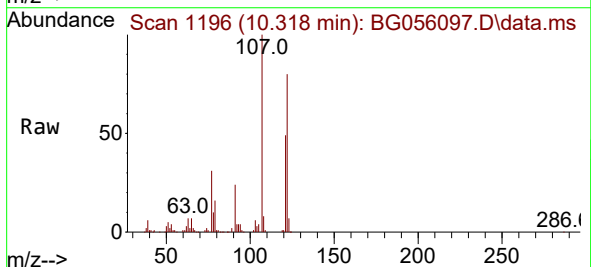
Tgt Ion:107 Resp: 110573

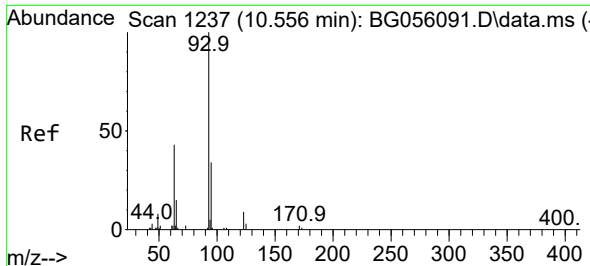
Ion Ratio Lower Upper

107 100

121 48.6 36.5 54.7

122 80.2 64.4 96.6





#27

Bis(2-Chloroethoxy)methane

Concen: 32.420 ng/ul

RT: 10.559 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG056097.D

Acq: 24 Dec 2022 19:50

Instrument :

BNA_P

ClientSampleId :

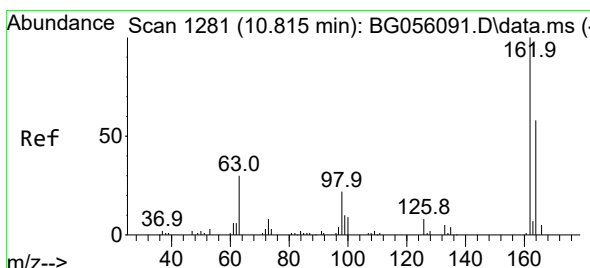
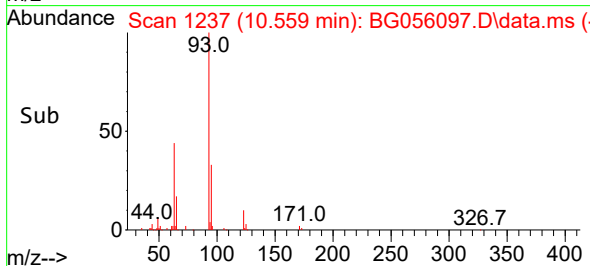
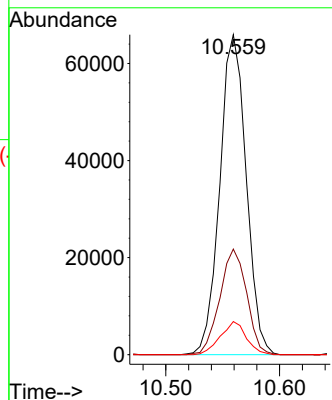
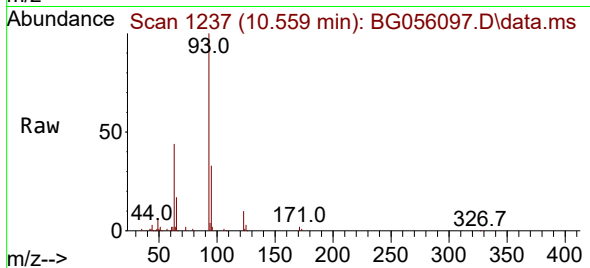
Tgt Ion: 93 Resp: 106449

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

123 10.4 7.4 11.0



#29

2,4-Dichlorophenol

Concen: 33.135 ng/ul

RT: 10.812 min Scan# 1280

Delta R.T. -0.003 min

Lab File: BG056097.D

Acq: 24 Dec 2022 19:50

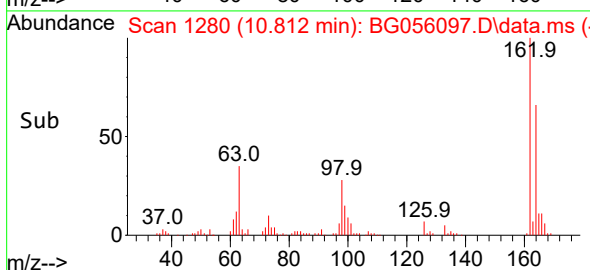
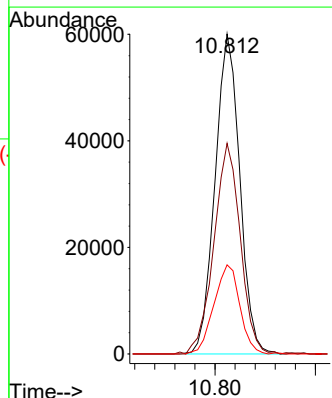
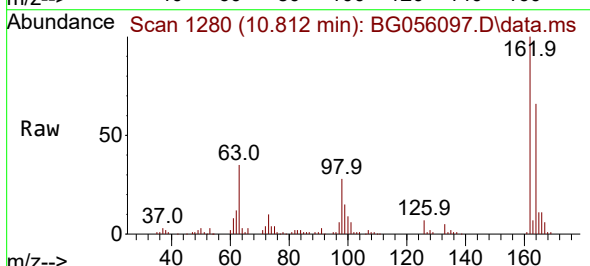
Tgt Ion:162 Resp: 102612

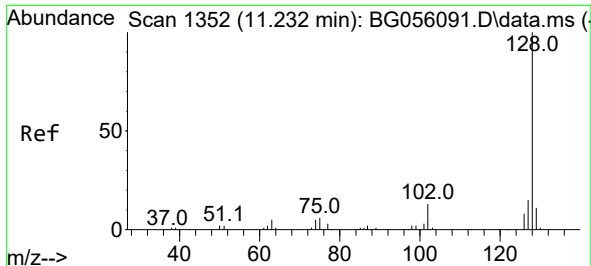
Ion Ratio Lower Upper

162 100

164 65.8 47.3 70.9

98 27.8 17.8 26.8#

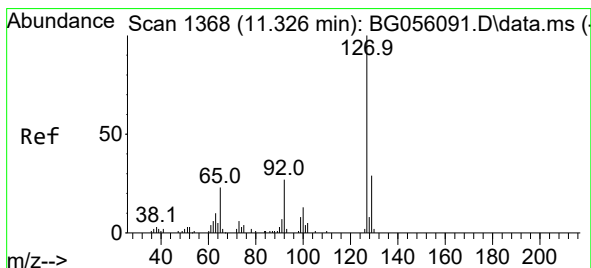
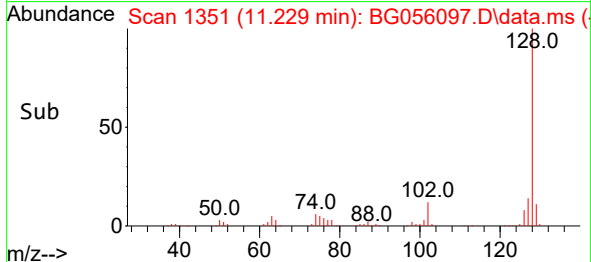
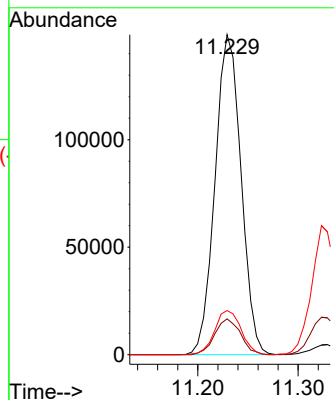
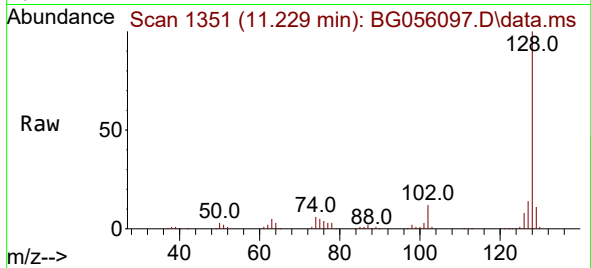




#30
Naphthalene
Concen: 33.524 ng/ul
RT: 11.229 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

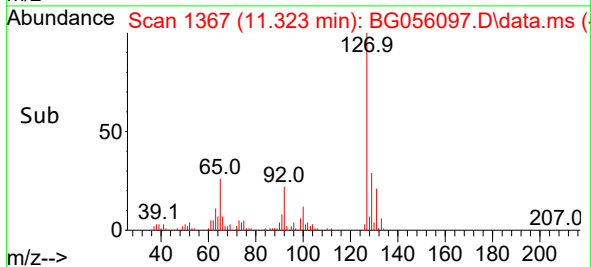
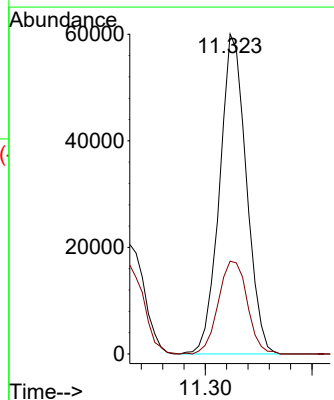
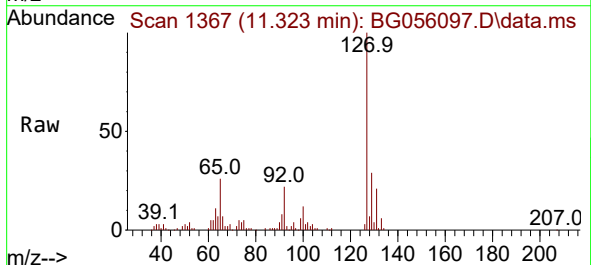
Instrument :
BNA_P
ClientSampleId :

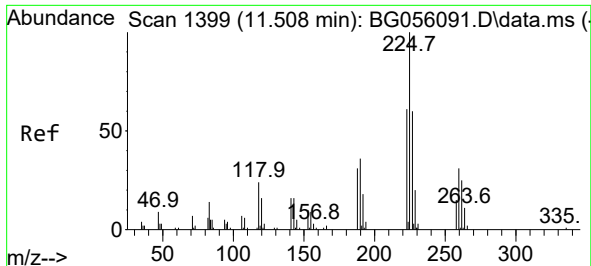
Tgt Ion:128 Resp: 267830
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.8 11.6 17.4



#32
4-Chloroaniline
Concen: 28.289 ng/ul
RT: 11.323 min Scan# 1367
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

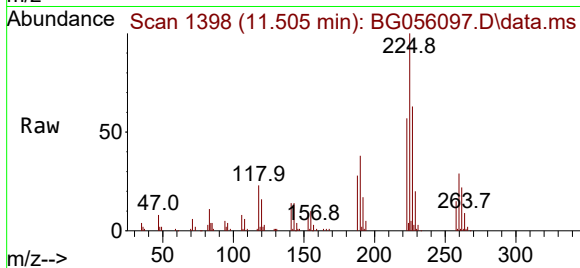
Tgt Ion:127 Resp: 104544
Ion Ratio Lower Upper
127 100
129 29.0 23.4 35.0



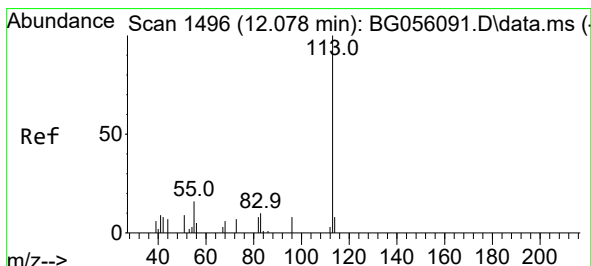
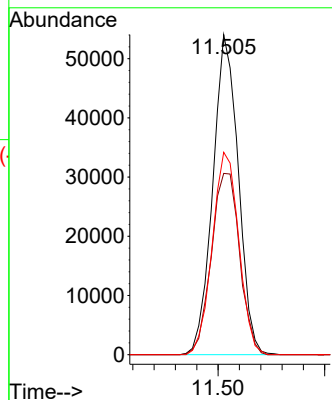
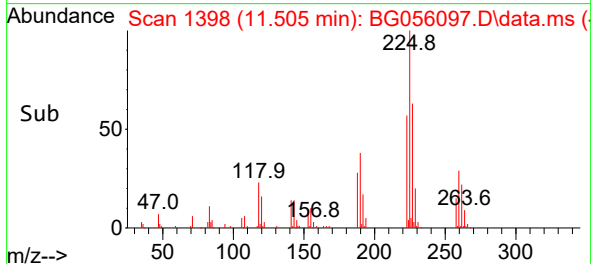


#33
Hexachlorobutadiene
Concen: 30.878 ng/ul
RT: 11.505 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Instrument :
BNA_P
ClientSampleId :

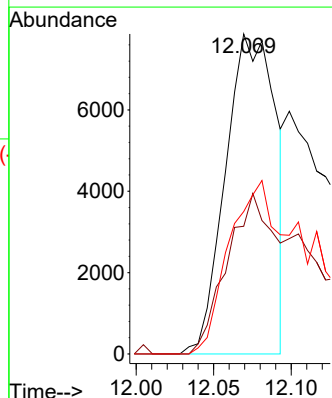
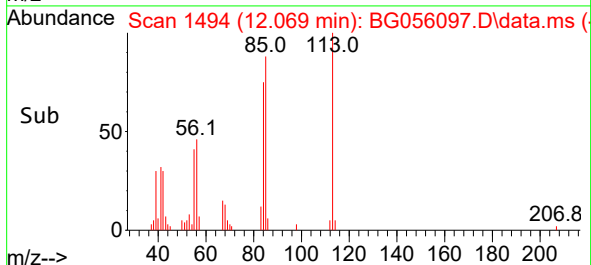
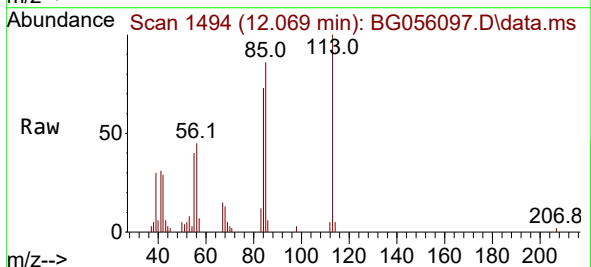


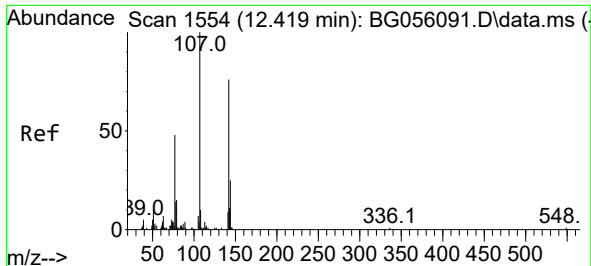
Tgt Ion:225 Resp: 89610
Ion Ratio Lower Upper
225 100
223 54.0 51.2 76.8
227 60.3 50.5 75.7



#34
Caprolactam
Concen: 17.806 ng/ul
RT: 12.069 min Scan# 1494
Delta R.T. -0.009 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:113 Resp: 17629
Ion Ratio Lower Upper
113 100
55 39.9 28.0 42.0
56 44.5 27.7 41.5#

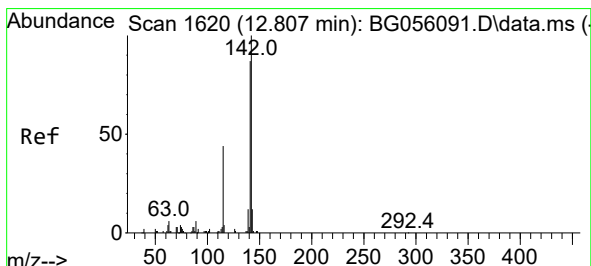
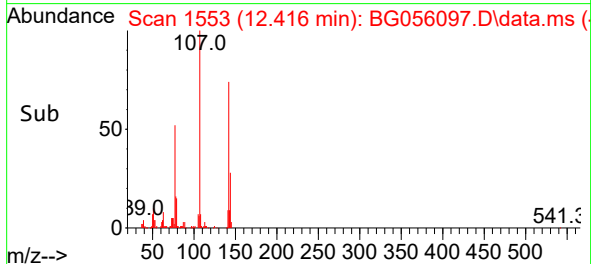
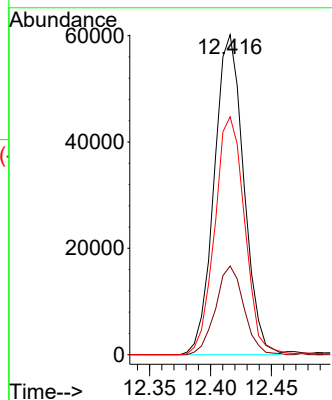
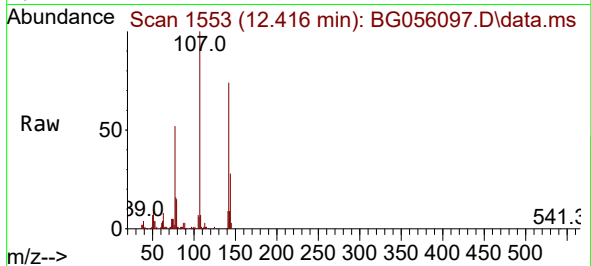




#35
 4-Chloro-3-methylphenol
 Concen: 34.148 ng/ul
 RT: 12.416 min Scan# 1553
 Delta R.T. -0.003 min
 Lab File: BG056097.D
 Acq: 24 Dec 2022 19:50

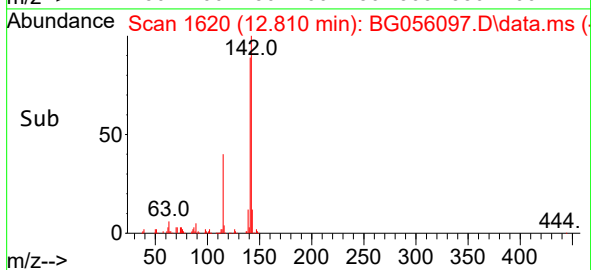
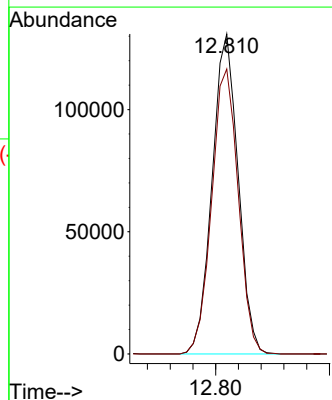
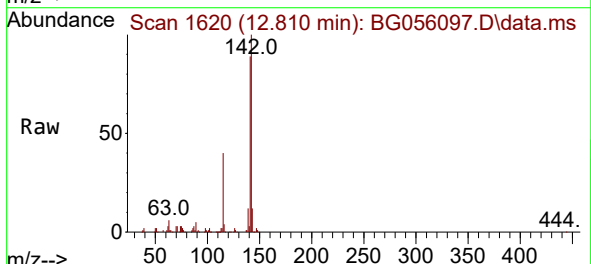
Instrument :
 BNA_P
 ClientSampleId :

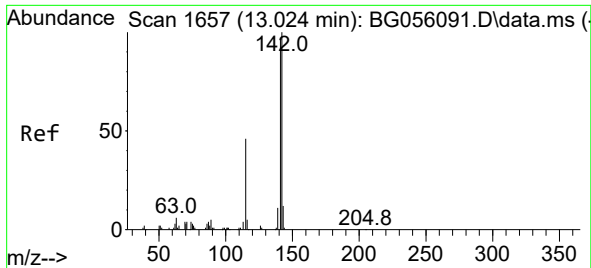
Tgt Ion:107 Resp: 101592
 Ion Ratio Lower Upper
 107 100
 144 27.7 20.0 30.0
 142 74.3 60.7 91.1



#36
 2-Methylnaphthalene
 Concen: 32.434 ng/ul
 RT: 12.810 min Scan# 1620
 Delta R.T. 0.003 min
 Lab File: BG056097.D
 Acq: 24 Dec 2022 19:50

Tgt Ion:142 Resp: 207750
 Ion Ratio Lower Upper
 142 100
 141 89.1 69.8 104.6

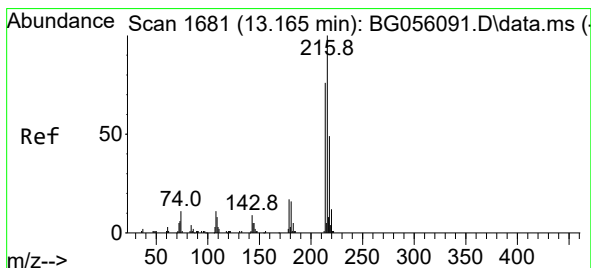
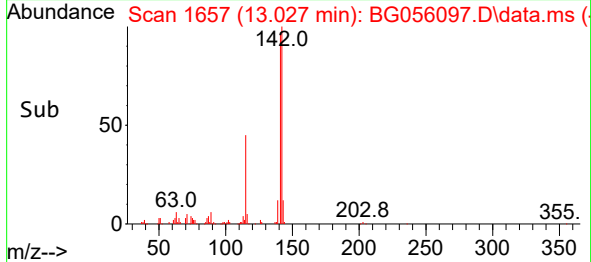
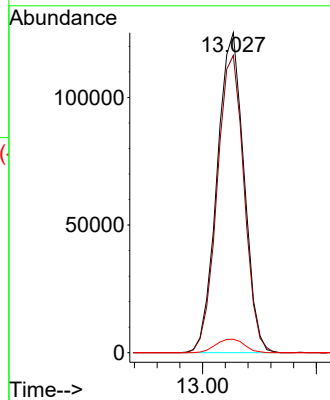
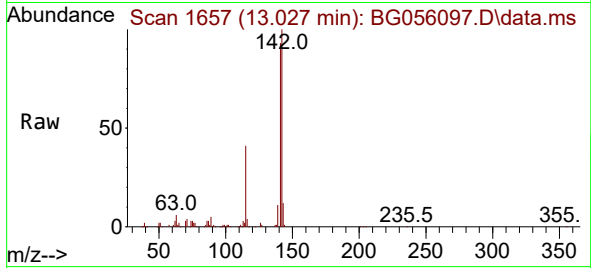




#37
1-Methylnaphthalene
Concen: 31.903 ng/ul
RT: 13.027 min Scan# 1657
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

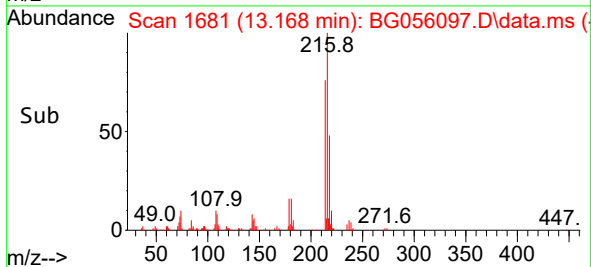
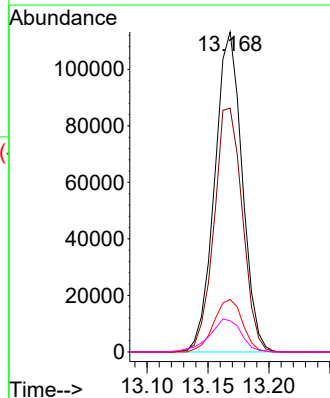
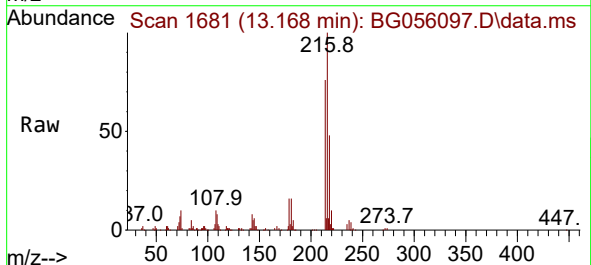
Instrument :
BNA_P
ClientSampleId :

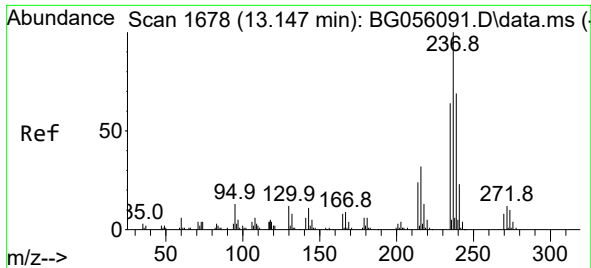
Tgt Ion:142 Resp: 205856
Ion Ratio Lower Upper
142 100
141 92.9 76.7 115.1
116 4.2 3.8 5.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.604 ng/ul
RT: 13.168 min Scan# 1681
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:216 Resp: 177513
Ion Ratio Lower Upper
216 100
214 76.2 61.0 91.4
179 16.4 13.4 20.0
108 9.8 9.1 13.7

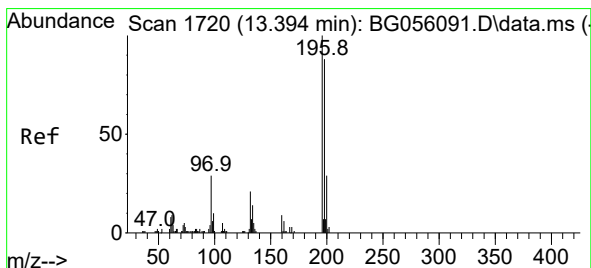
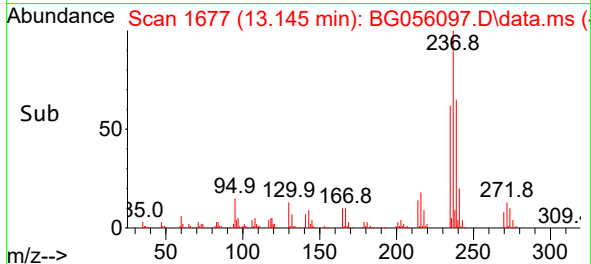
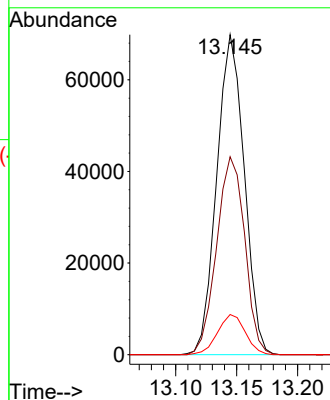
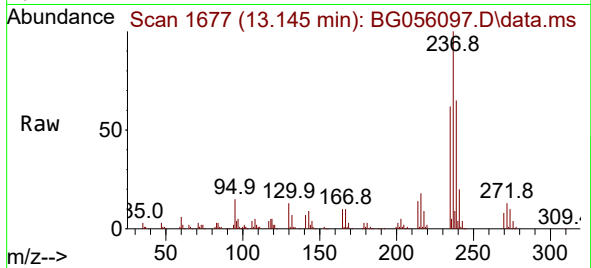




#40
 Hexachlorocyclopentadiene
 Concen: 30.115 ng/ul
 RT: 13.145 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: BG056097.D
 Acq: 24 Dec 2022 19:50

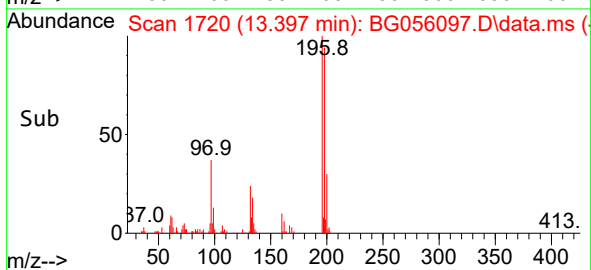
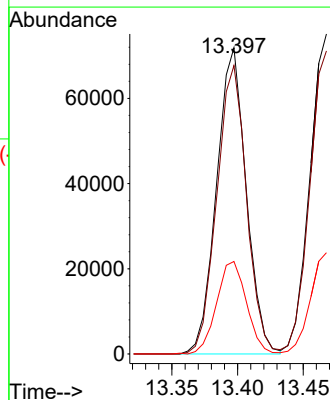
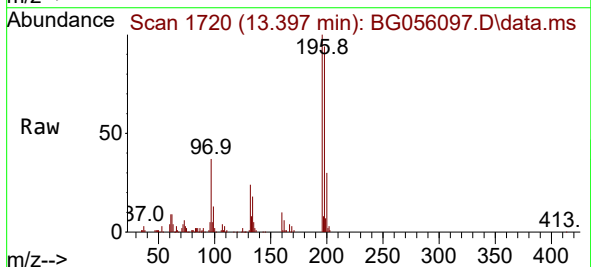
Instrument :
 BNA_P
 ClientSampleId :

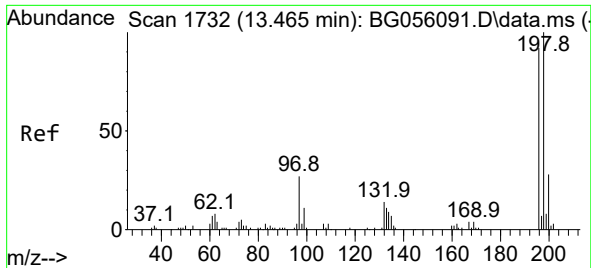
Tgt Ion:237 Resp: 109677
 Ion Ratio Lower Upper
 237 100
 235 67.1 52.0 78.0
 272 13.3 9.9 14.9



#41
 2,4,6-Trichlorophenol
 Concen: 34.127 ng/ul
 RT: 13.397 min Scan# 1720
 Delta R.T. 0.003 min
 Lab File: BG056097.D
 Acq: 24 Dec 2022 19:50

Tgt Ion:196 Resp: 112978
 Ion Ratio Lower Upper
 196 100
 198 94.2 70.2 105.4
 200 30.2 23.4 35.2

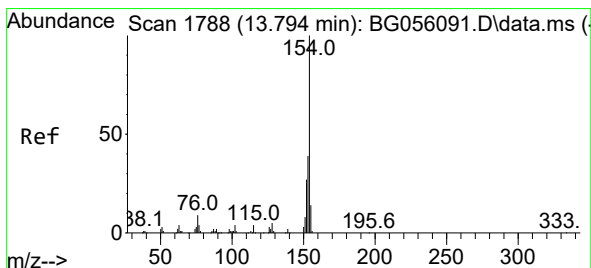
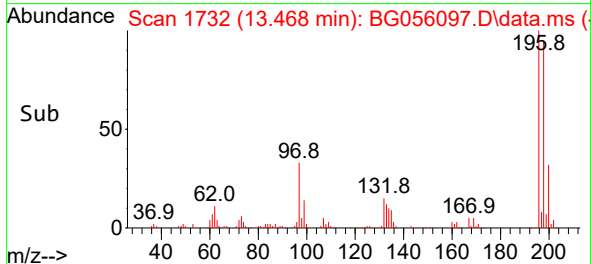
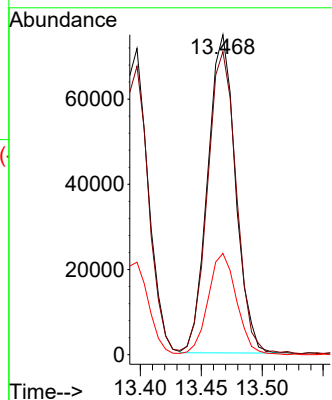
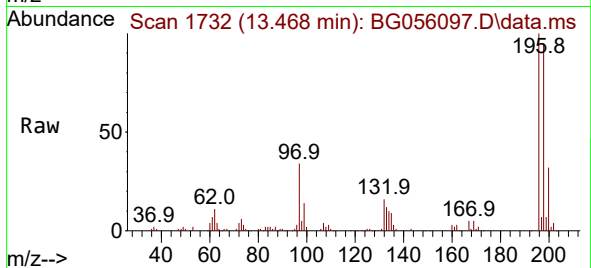




#42
2,4,5-Trichlorophenol
Concen: 33.035 ng/ul
RT: 13.468 min Scan# 1732
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

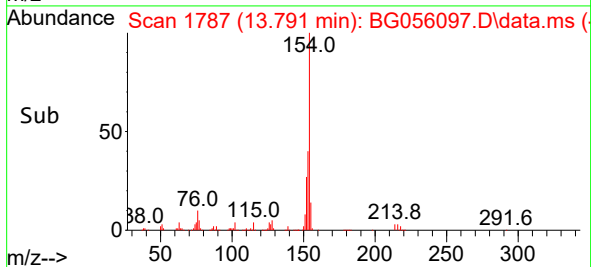
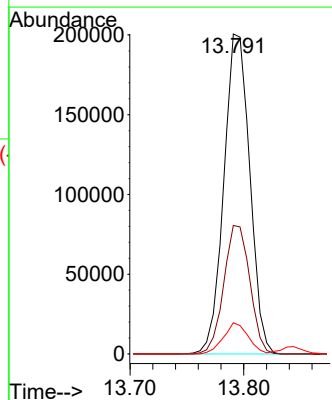
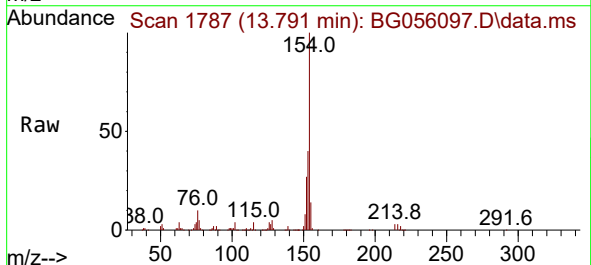
Instrument :
BNA_P
ClientSampleId :

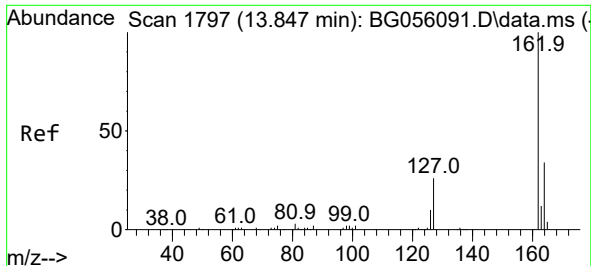
Tgt Ion:196 Resp: 118579
Ion Ratio Lower Upper
196 100
198 94.7 87.4 131.2
200 31.7 25.0 37.6



#43
1,1'-Biphenyl
Concen: 33.022 ng/ul
RT: 13.791 min Scan# 1787
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

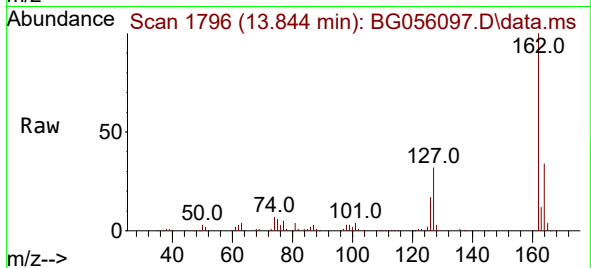
Tgt Ion:154 Resp: 317953
Ion Ratio Lower Upper
154 100
153 40.2 31.3 46.9
76 9.8 7.4 11.0



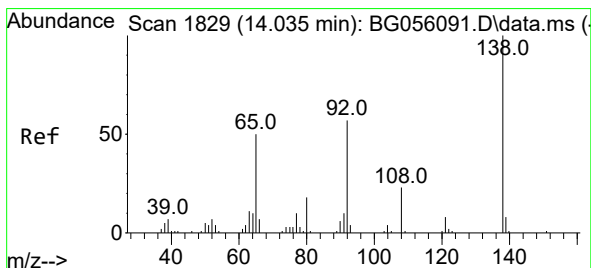
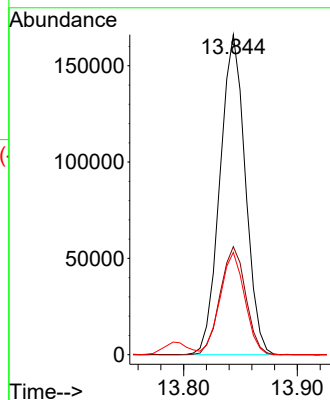
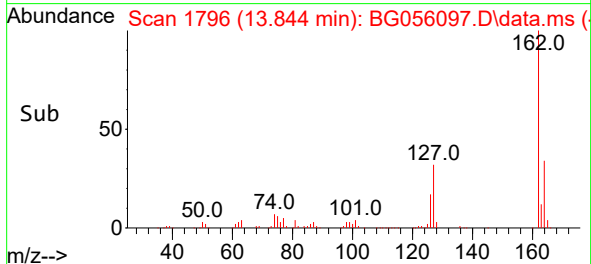


#44
2-Chloronaphthalene
Concen: 32.264 ng/ul
RT: 13.844 min Scan# 1796
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

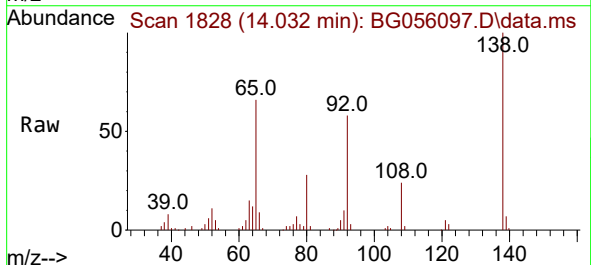
Instrument :
BNA_P
ClientSampleId :



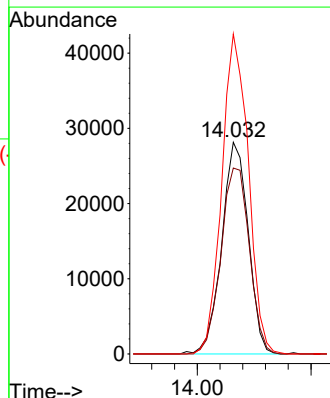
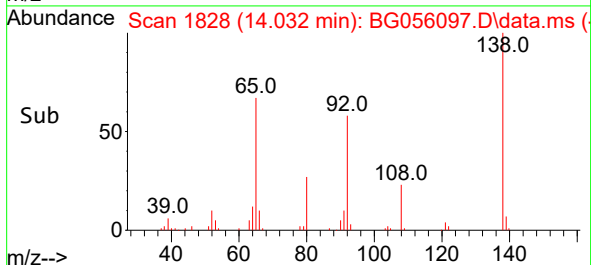
Tgt Ion:162 Resp: 257486
Ion Ratio Lower Upper
162 100
164 33.8 27.0 40.4
127 31.9 23.4 35.2

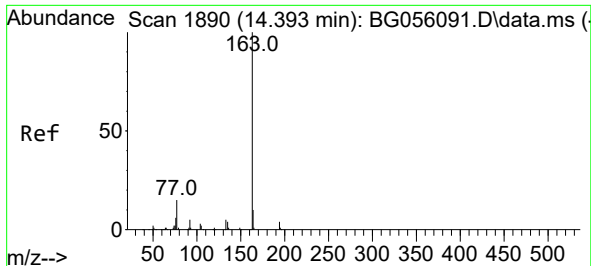


#45
2-Nitroaniline
Concen: 41.120 ng/ul
RT: 14.032 min Scan# 1828
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50



Tgt Ion: 65 Resp: 45572
Ion Ratio Lower Upper
65 100
92 87.8 92.6 138.8#
138 151.1 162.2 243.4#

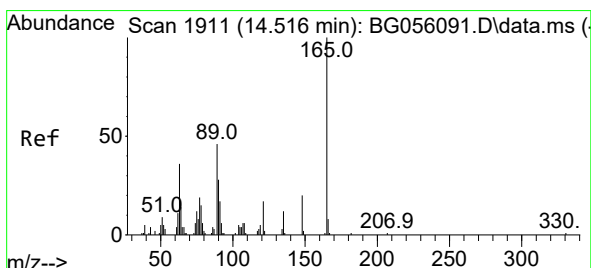
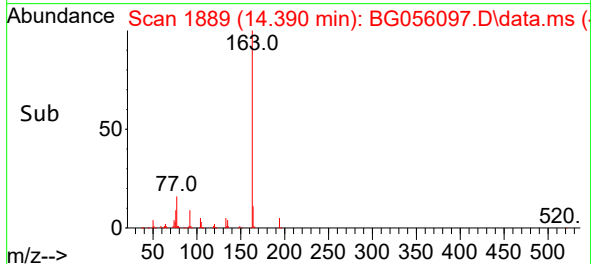
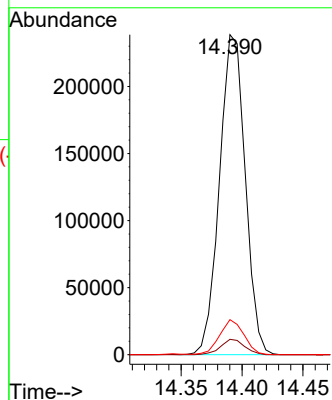
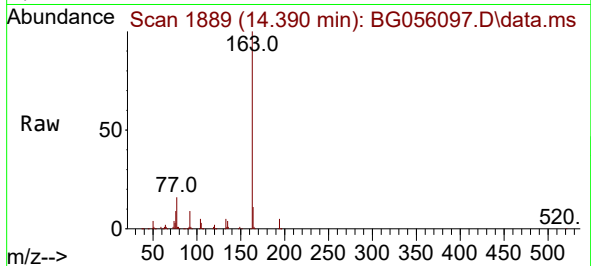




#47
Dimethylphthalate
Concen: 33.552 ng/ul
RT: 14.390 min Scan# 1890
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

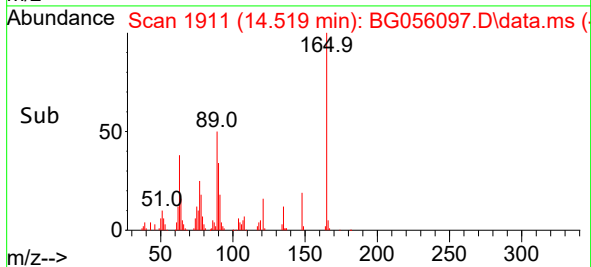
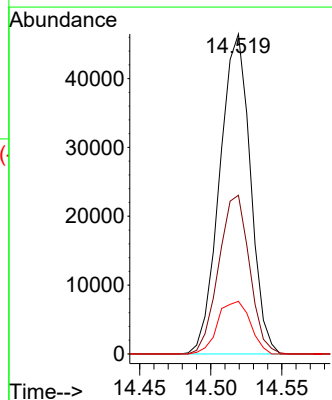
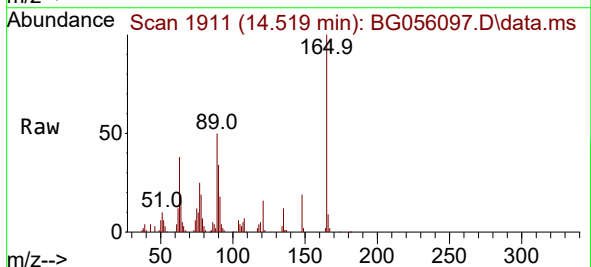
Instrument :
BNA_P
ClientSampleId :

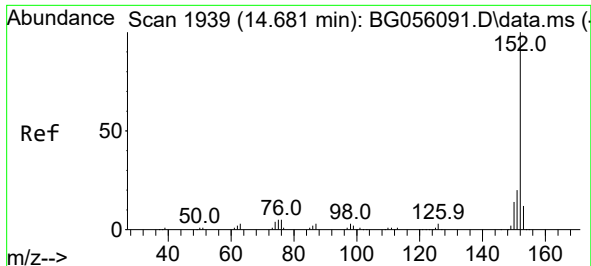
Tgt Ion:163 Resp: 350705
Ion Ratio Lower Upper
163 100
194 4.8 3.2 4.8#
164 11.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 33.842 ng/ul
RT: 14.519 min Scan# 1911
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

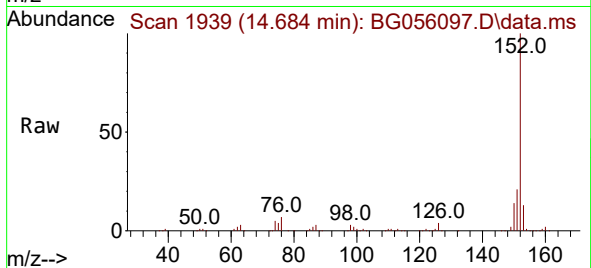
Tgt Ion:165 Resp: 69821
Ion Ratio Lower Upper
165 100
89 49.6 37.0 55.6
121 16.5 13.6 20.4



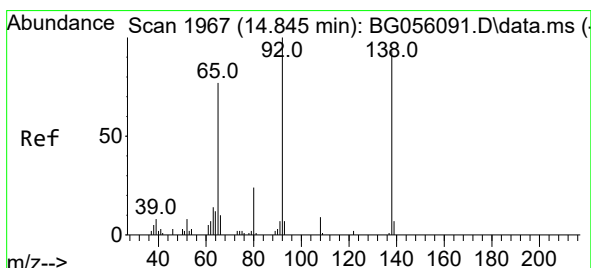
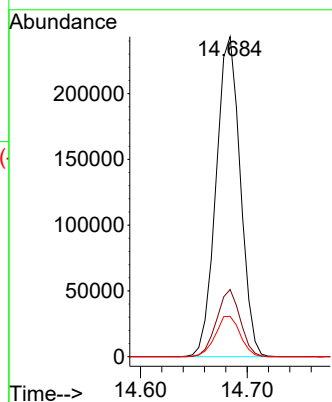
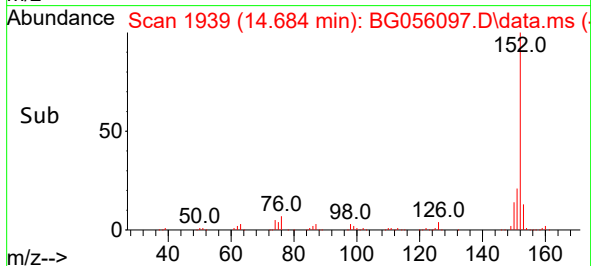


#50
Acenaphthylene
Concen: 32.394 ng/ul
RT: 14.684 min Scan# 1939
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

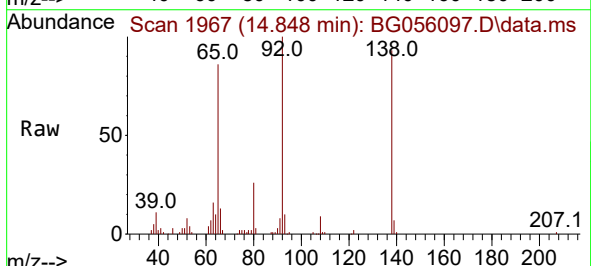
Instrument :
BNA_P
ClientSampleId :



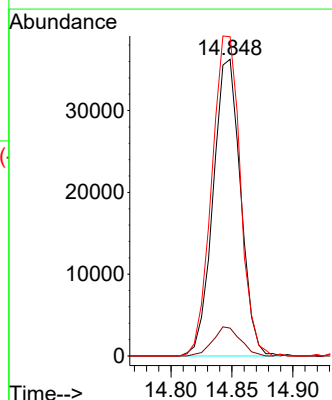
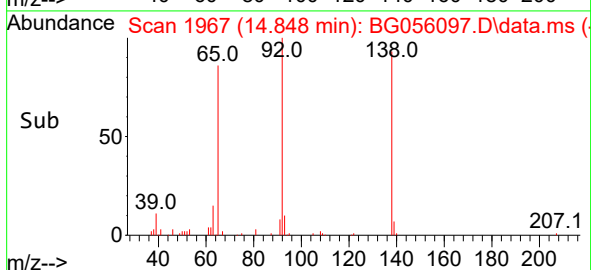
Tgt Ion:152 Resp: 383221
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 12.6 9.7 14.5

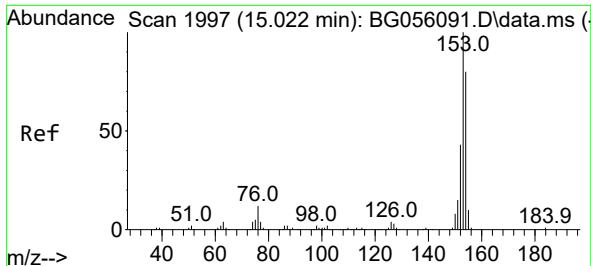


#51
3-Nitroaniline
Concen: 36.735 ng/ul
RT: 14.848 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50



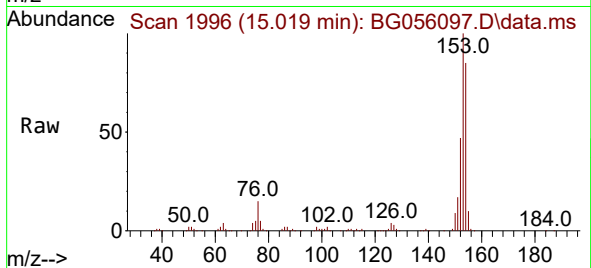
Tgt Ion:138 Resp: 56930
Ion Ratio Lower Upper
138 100
108 9.4 8.0 12.0
92 107.6 86.3 129.5



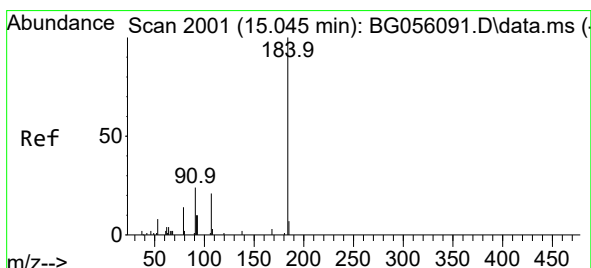
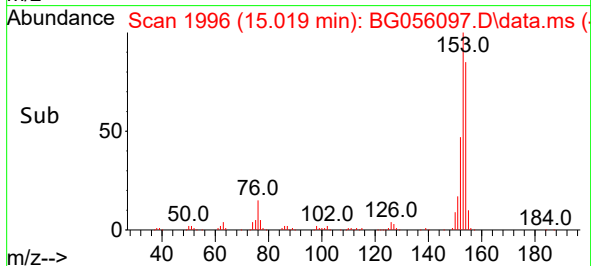
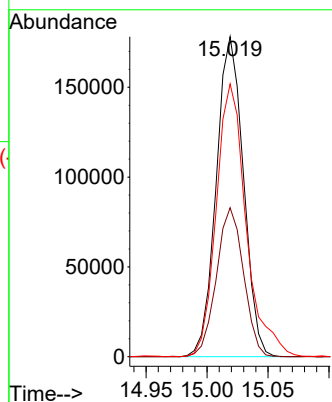


#52
Acenaphthene
Concen: 33.247 ng/ul
RT: 15.019 min Scan# 1996
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Instrument :
BNA_P
ClientSampleId :

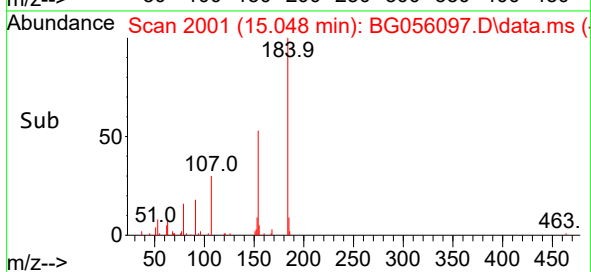
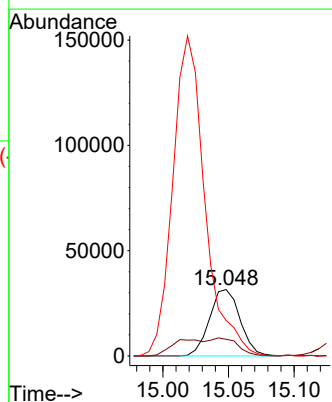
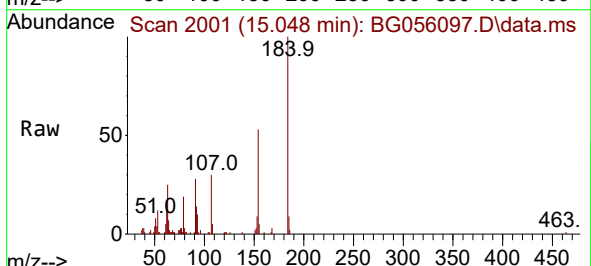


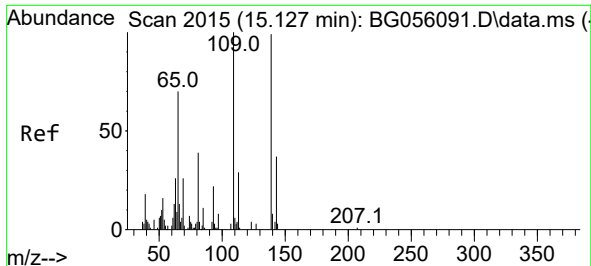
Tgt Ion:153 Resp: 276301
Ion Ratio Lower Upper
153 100
152 46.5 34.5 51.7
154 85.3 63.9 95.9



#53
2,4-Dinitrophenol
Concen: 31.848 ng/ul
RT: 15.048 min Scan# 2001
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:184 Resp: 51144
Ion Ratio Lower Upper
184 100
63 25.2 16.8 25.2#
154 53.5 47.1 70.7

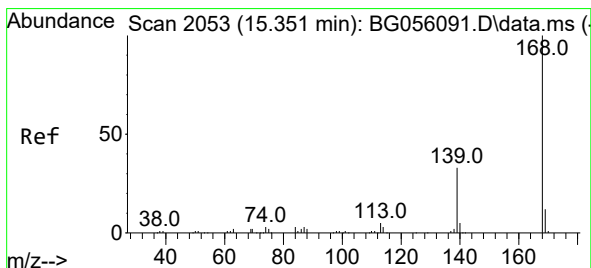
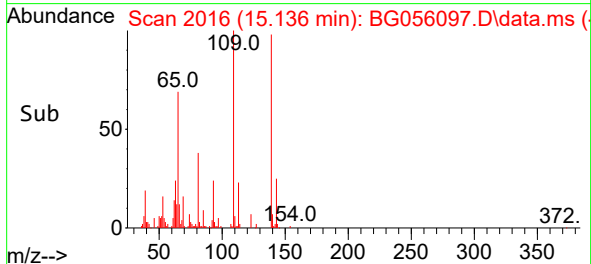
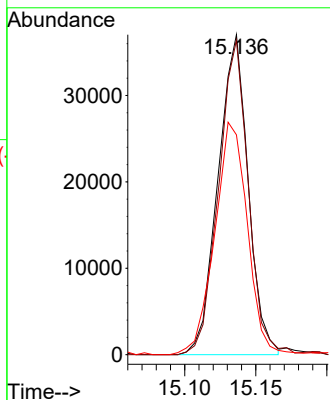
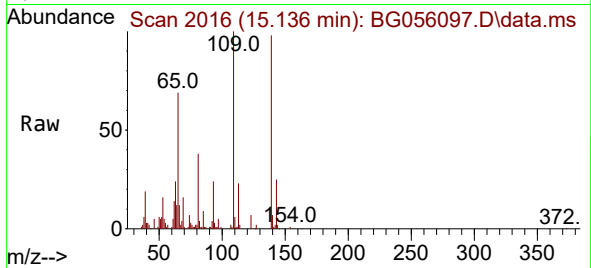




#55
4-Nitrophenol
Concen: 35.315 ng/ul
RT: 15.136 min Scan# 2016
Delta R.T. 0.009 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

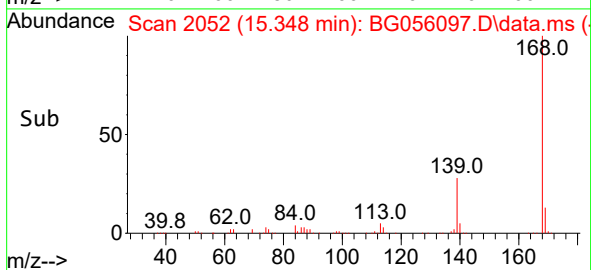
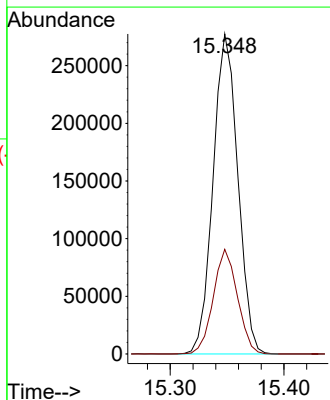
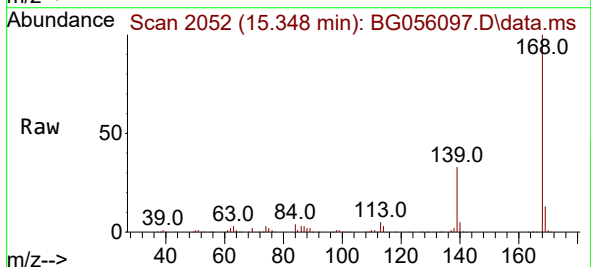
Instrument :
BNA_P
ClientSampleId :

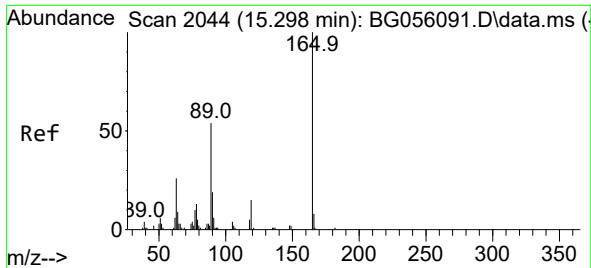
Tgt Ion:109 Resp: 54515
Ion Ratio Lower Upper
109 100
139 98.3 79.5 119.3
65 68.7 56.7 85.1



#56
Dibenzofuran
Concen: 32.282 ng/ul
RT: 15.348 min Scan# 2052
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:168 Resp: 419923
Ion Ratio Lower Upper
168 100
139 32.7 26.3 39.5





#57

2,4-Dinitrotoluene

Concen: 34.978 ng/ul

RT: 15.301 min Scan# 2044

Delta R.T. 0.003 min

Lab File: BG056097.D

Acq: 24 Dec 2022 19:50

Instrument :

BNA_P

ClientSampleId :

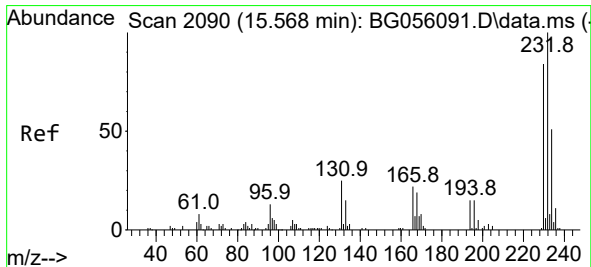
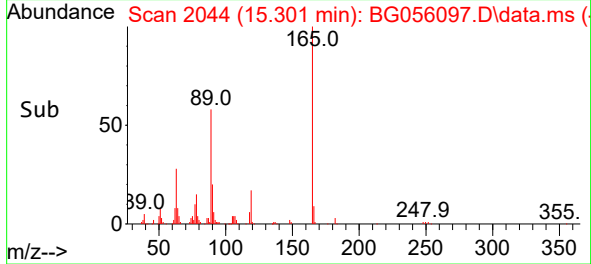
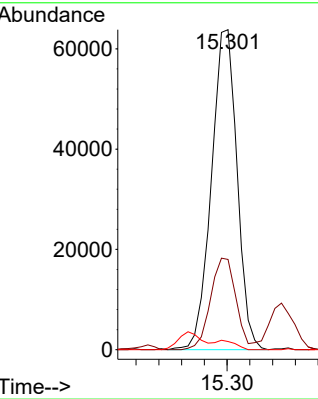
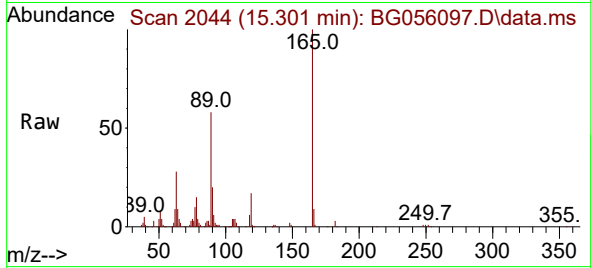
Tgt Ion:165 Resp: 100073

Ion Ratio Lower Upper

165 100

63 28.2 20.9 31.3

182 2.6 1.8 2.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.254 ng/ul

RT: 15.565 min Scan# 2089

Delta R.T. -0.003 min

Lab File: BG056097.D

Acq: 24 Dec 2022 19:50

Tgt Ion:232 Resp: 117988

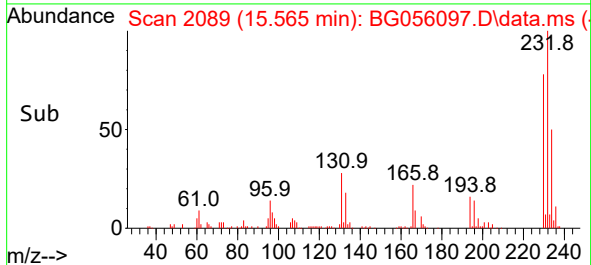
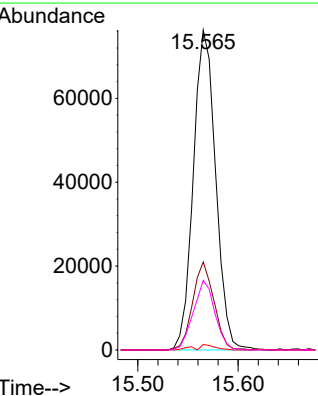
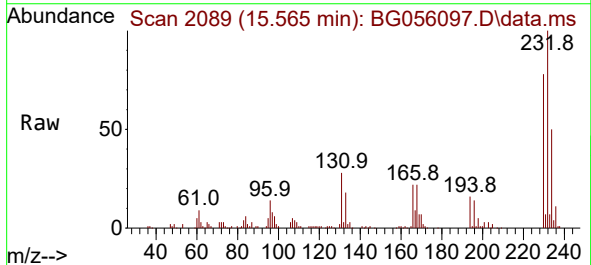
Ion Ratio Lower Upper

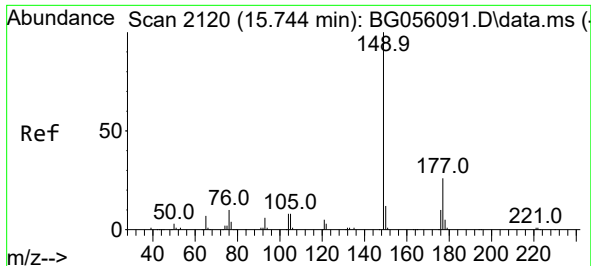
232 100

131 27.5 20.2 30.4

130 1.7 1.0 1.6#

166 21.8 17.8 26.8

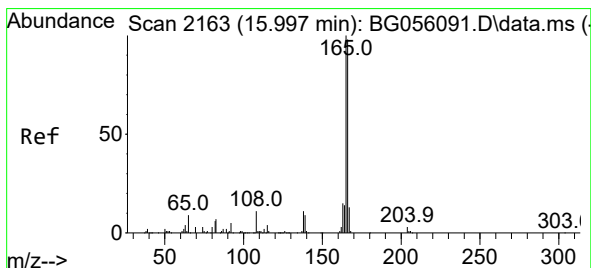
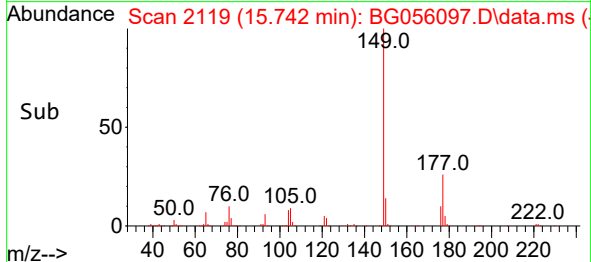
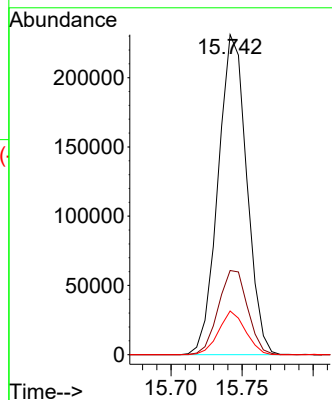
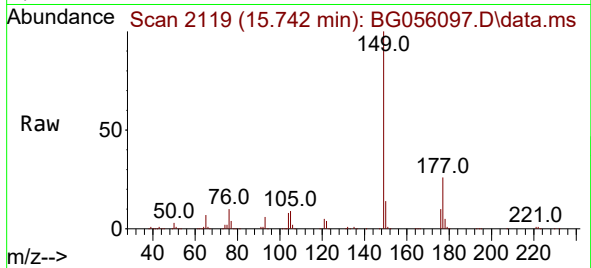




#59
Diethylphthalate
Concen: 34.613 ng/ul
RT: 15.742 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

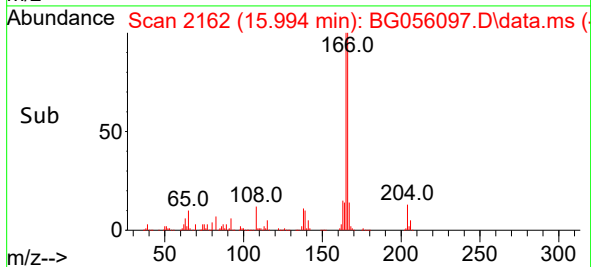
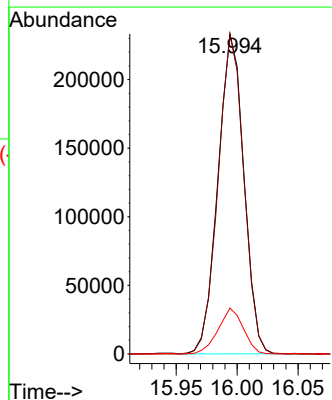
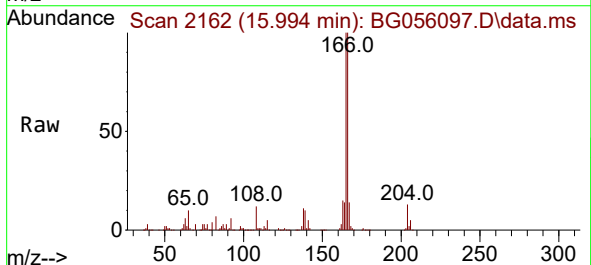
Instrument :
BNA_P
ClientSampleId :

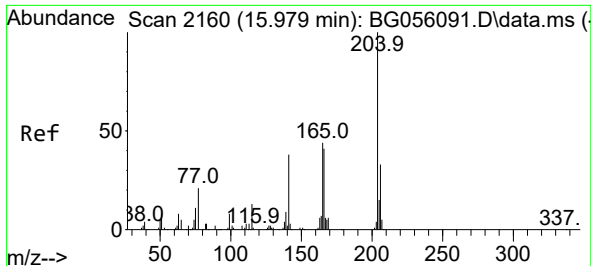
Tgt Ion:149 Resp: 323225
Ion Ratio Lower Upper
149 100
177 26.3 20.5 30.7
150 13.7 9.8 14.8



#61
Fluorene
Concen: 32.223 ng/ul
RT: 15.994 min Scan# 2162
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:166 Resp: 344322
Ion Ratio Lower Upper
166 100
165 99.9 81.8 122.8
167 14.3 10.9 16.3

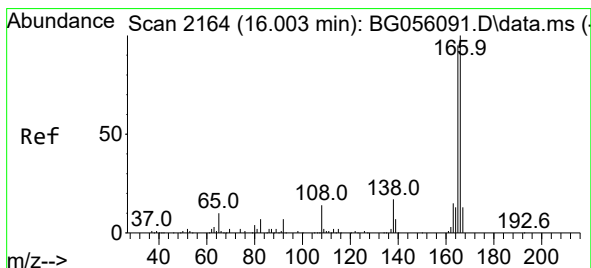
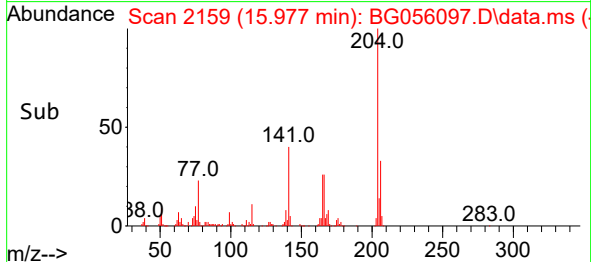
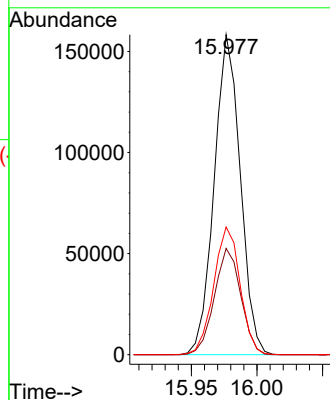
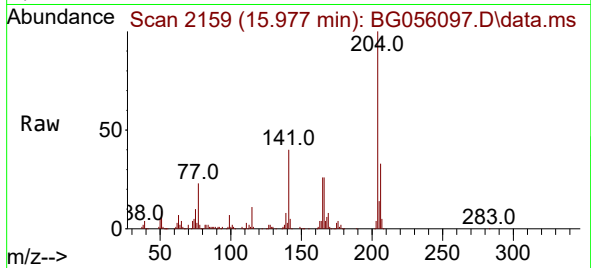




#62
4-Chlorophenyl-phenylether
Concen: 31.491 ng/ul
RT: 15.977 min Scan# 21159
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

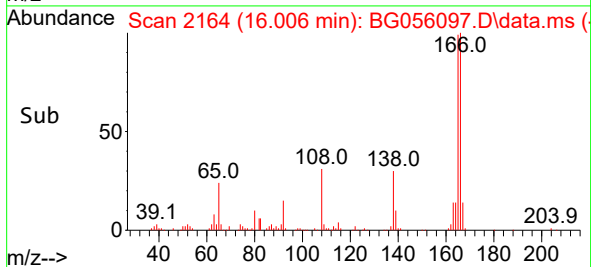
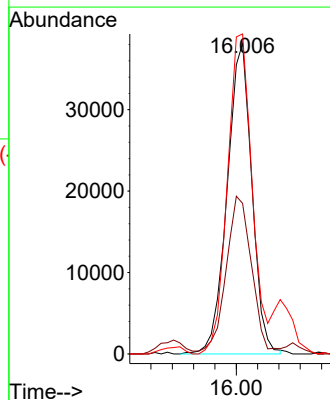
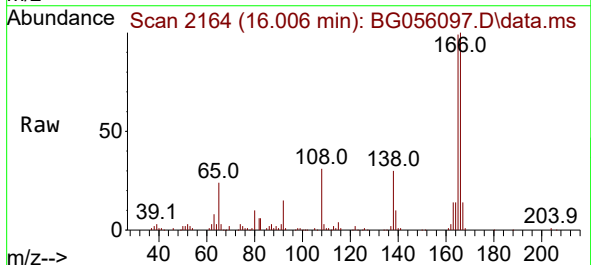
Instrument :
BNA_P
ClientSampleId :

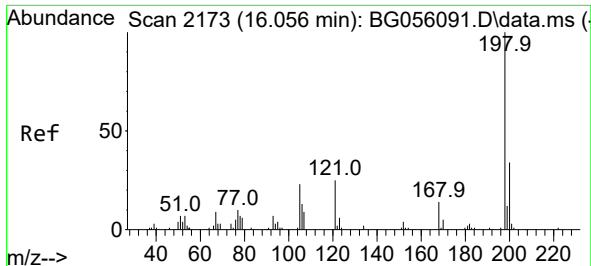
Tgt Ion:204 Resp: 218603
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 39.9 30.5 45.7



#63
4-Nitroaniline
Concen: 41.483 ng/ul
RT: 16.006 min Scan# 2164
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:138 Resp: 61343
Ion Ratio Lower Upper
138 100
92 48.5 32.6 49.0
108 103.0 66.3 99.5#

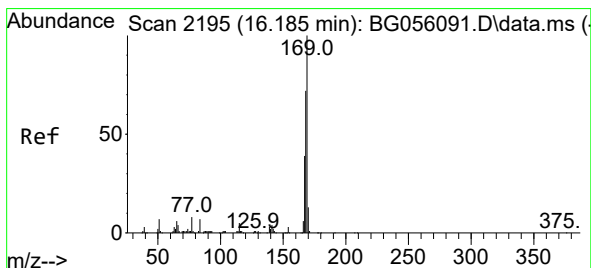
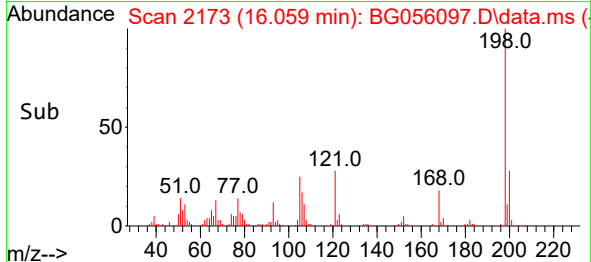
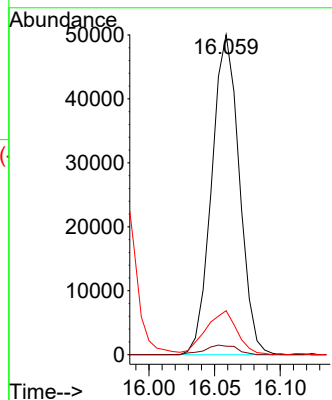
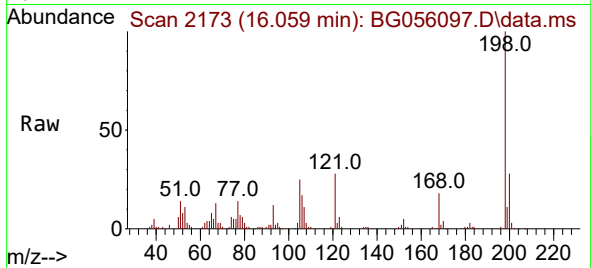




#66
4,6-Dinitro-2-methylphenol
Concen: 32.538 ng/ul
RT: 16.059 min Scan# 2173
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

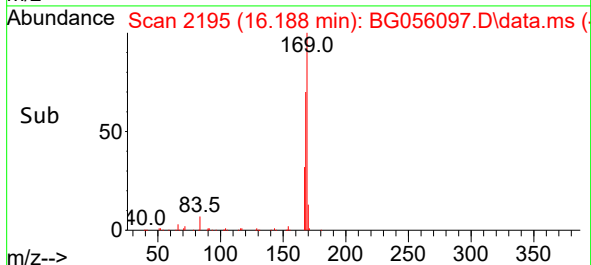
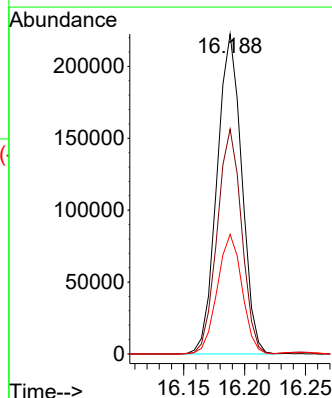
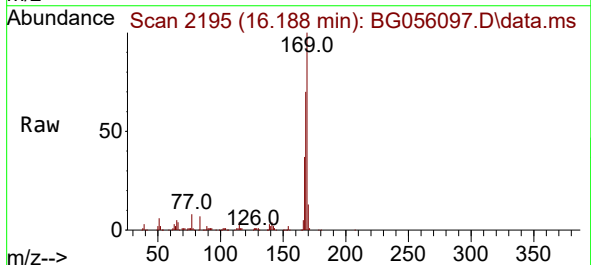
Instrument :
BNA_P
ClientSampleId :

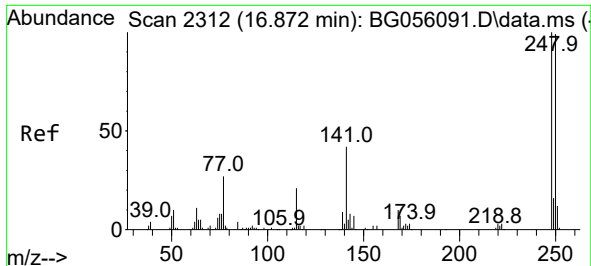
Tgt Ion:198 Resp: 73067
Ion Ratio Lower Upper
198 100
182 2.7 2.1 3.1
77 13.8 8.2 12.2#



#67
N-Nitrosodiphenylamine
Concen: 34.046 ng/ul
RT: 16.188 min Scan# 2195
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:169 Resp: 314309
Ion Ratio Lower Upper
169 100
168 70.2 57.4 86.0
167 37.3 31.1 46.7

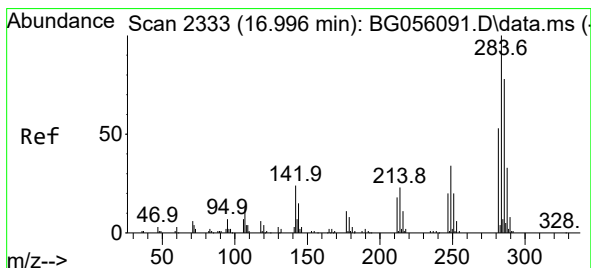
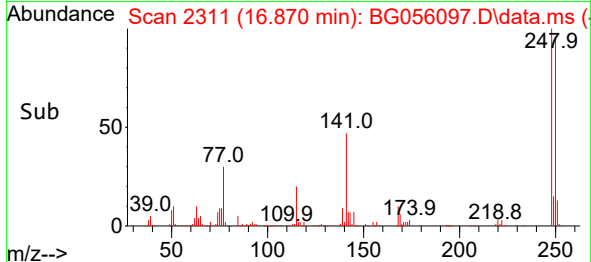
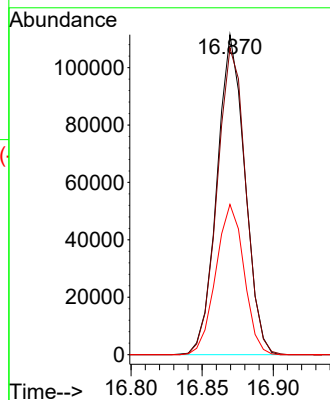
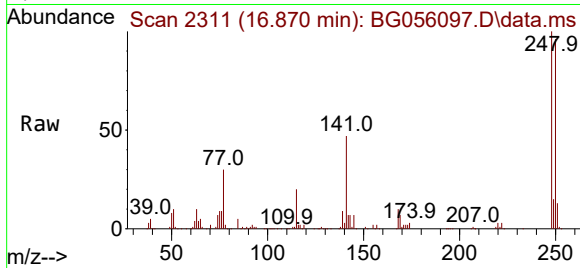




#68
4-Bromophenyl-phenylether
Concen: 32.909 ng/ul
RT: 16.870 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

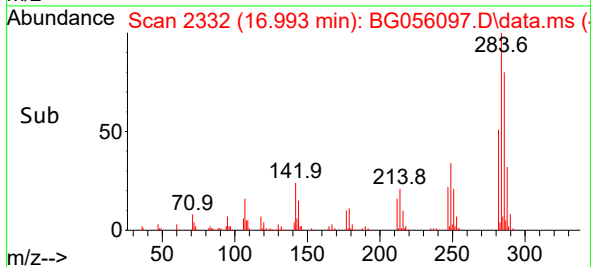
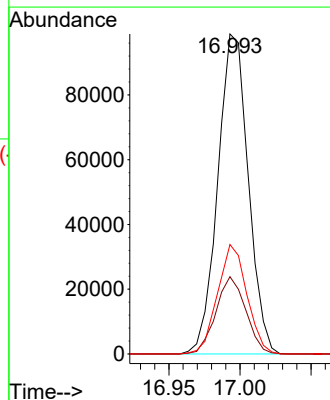
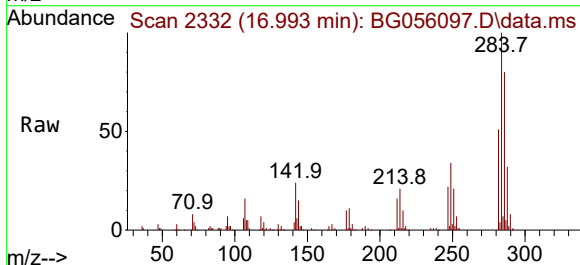
Instrument :
BNA_P
ClientSampleId :

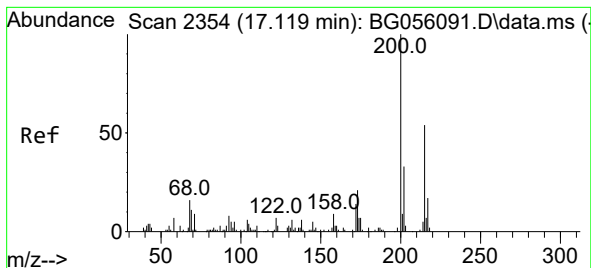
Tgt Ion:248 Resp: 152017
Ion Ratio Lower Upper
248 100
250 95.8 79.4 119.2
141 47.0 33.9 50.9



#69
Hexachlorobenzene
Concen: 32.966 ng/ul
RT: 16.993 min Scan# 2332
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:284 Resp: 147384
Ion Ratio Lower Upper
284 100
142 22.5 18.1 27.1
249 31.9 25.2 37.8





#70

Atrazine

Concen: 32.765 ng/ul

RT: 17.122 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG056097.D

Acq: 24 Dec 2022 19:50

Instrument :

BNA_P

ClientSampleId :

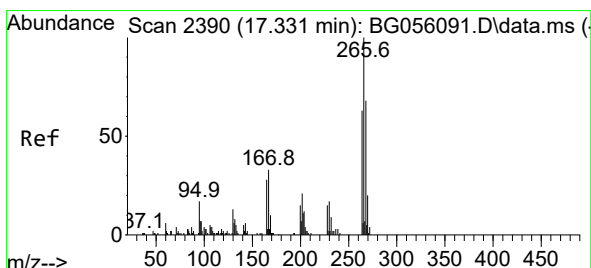
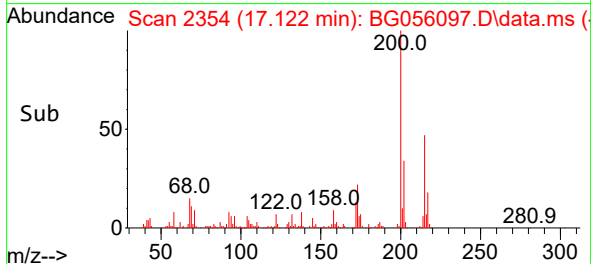
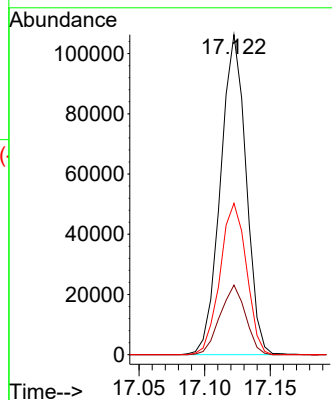
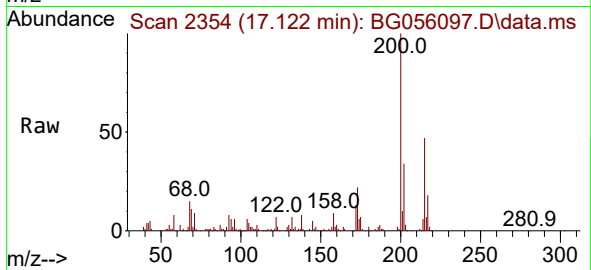
Tgt Ion:200 Resp: 144225

Ion Ratio Lower Upper

200 100

173 21.7 16.9 25.3

215 47.3 42.8 64.2



#71

Pentachlorophenol

Concen: 33.268 ng/ul

RT: 17.334 min Scan# 2390

Delta R.T. 0.003 min

Lab File: BG056097.D

Acq: 24 Dec 2022 19:50

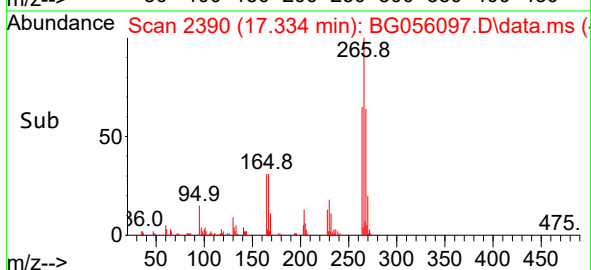
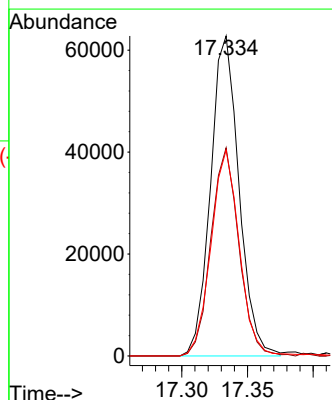
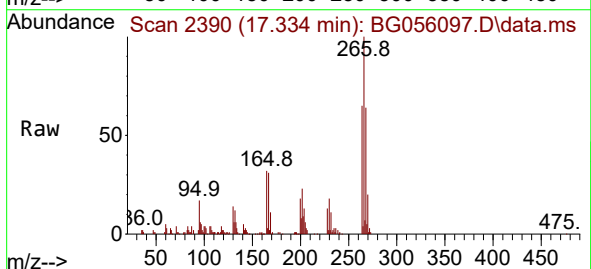
Tgt Ion:266 Resp: 94562

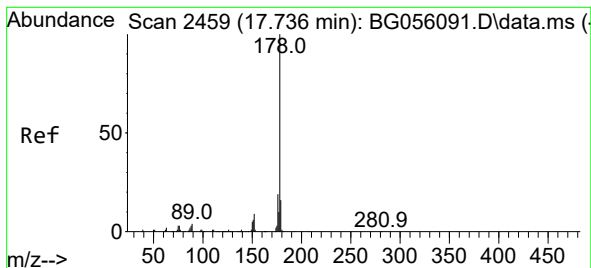
Ion Ratio Lower Upper

266 100

264 65.1 50.7 76.1

268 64.4 58.3 87.5





#72

Phenanthrene

Concen: 33.251 ng/ul

RT: 17.733 min Scan# 2459

Delta R.T. -0.003 min

Lab File: BG056097.D

Acq: 24 Dec 2022 19:50

Instrument :

BNA_P

ClientSampleId :

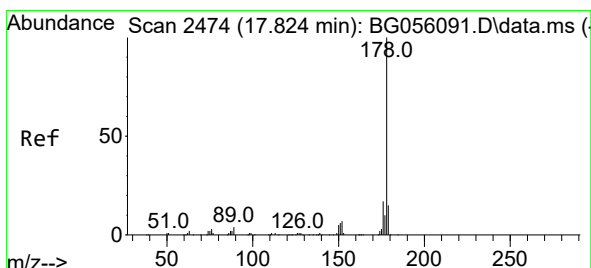
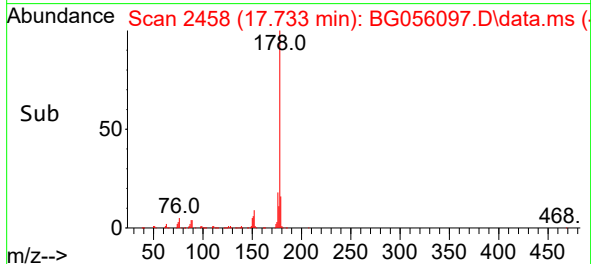
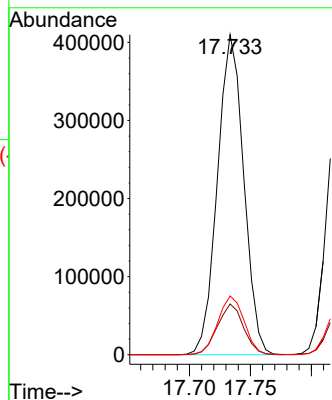
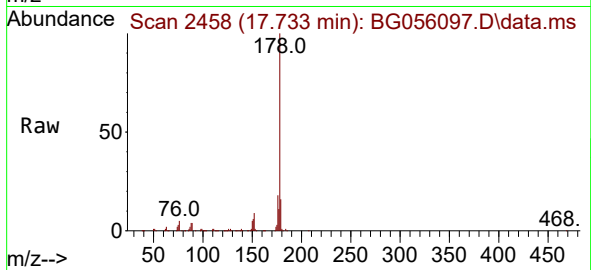
Tgt Ion:178 Resp: 615045

Ion Ratio Lower Upper

178 100

179 15.9 12.7 19.1

176 18.4 15.0 22.4



#74

Anthracene

Concen: 32.572 ng/ul

RT: 17.827 min Scan# 2474

Delta R.T. 0.003 min

Lab File: BG056097.D

Acq: 24 Dec 2022 19:50

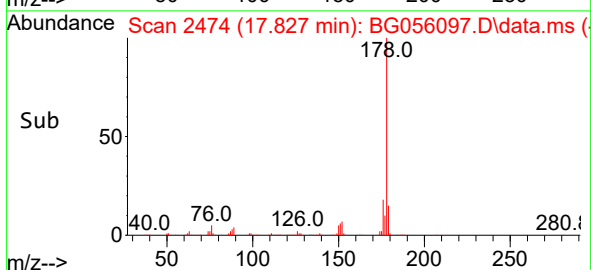
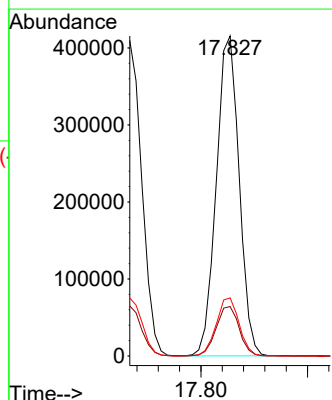
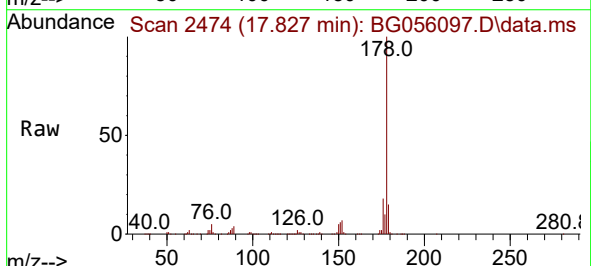
Tgt Ion:178 Resp: 616761

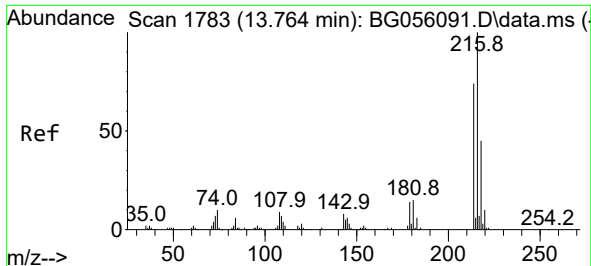
Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 18.1 13.9 20.9

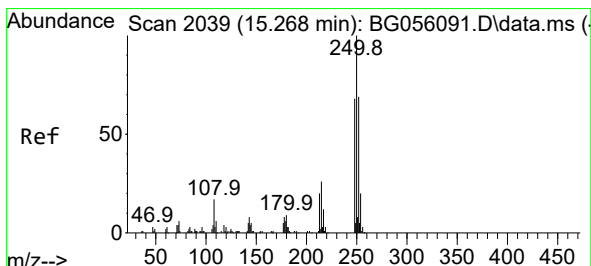
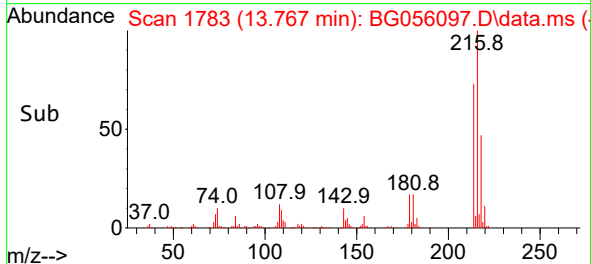
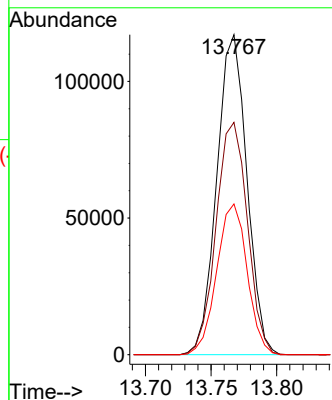
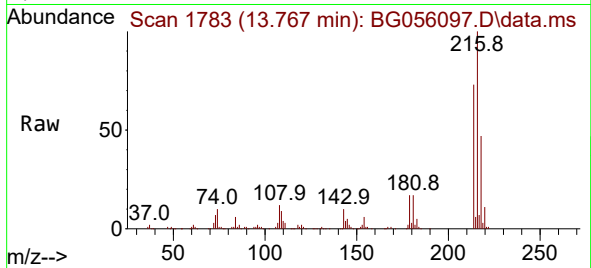




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.839 ng/uL
RT: 13.767 min Scan# 1783
Delta R.T. 0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

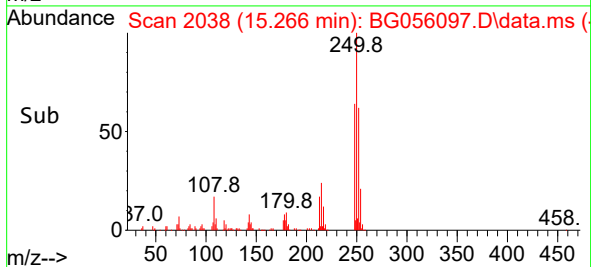
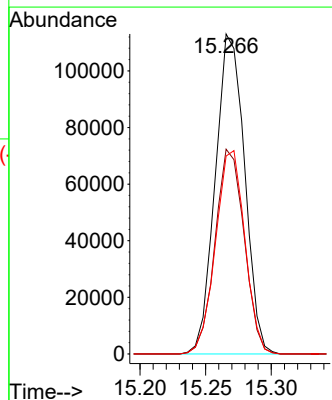
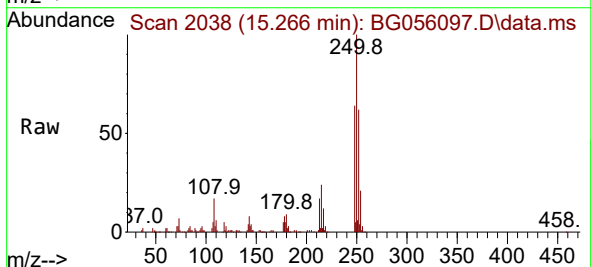
Instrument :
BNA_P
ClientSampleId :

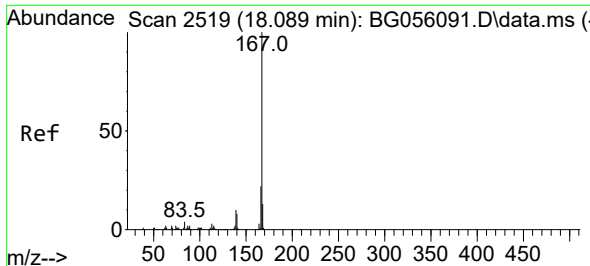
Tgt Ion:216 Resp: 187021
Ion Ratio Lower Upper
216 100
214 72.6 59.0 88.6
218 47.1 36.0 54.0



#76
Pentachlorobenzene
Concen: 32.170 ng/uL
RT: 15.266 min Scan# 2038
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:250 Resp: 175509
Ion Ratio Lower Upper
250 100
248 64.0 54.4 81.6
252 61.9 59.1 88.7

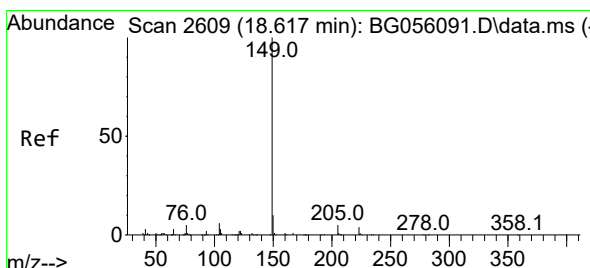
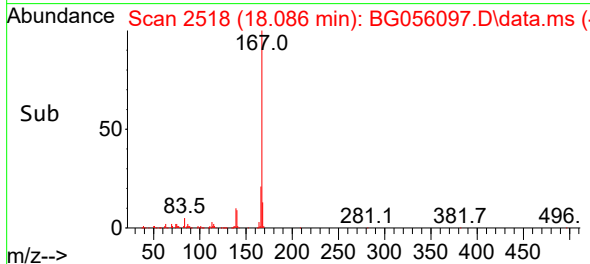
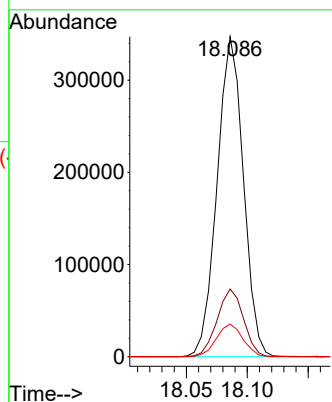
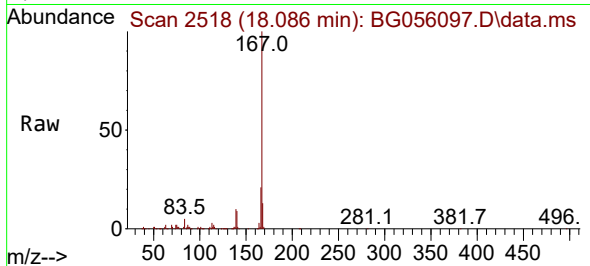




#77
 Carbazole
 Concen: 33.595 ng/ul
 RT: 18.086 min Scan# 2518
 Delta R.T. -0.003 min
 Lab File: BG056097.D
 Acq: 24 Dec 2022 19:50

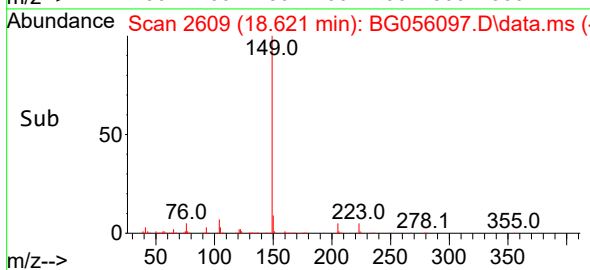
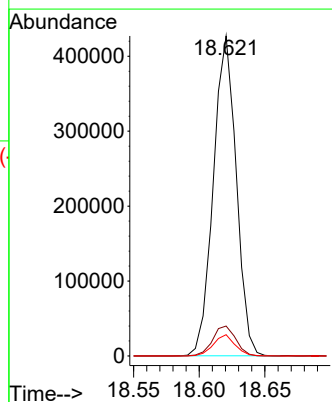
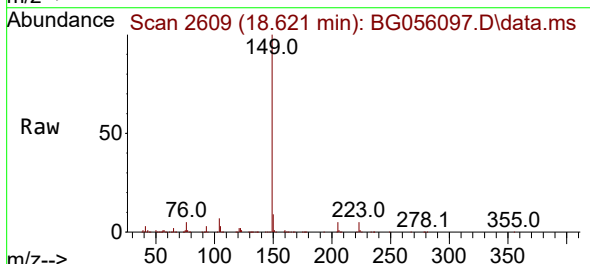
Instrument :
 BNA_P
 ClientSampleId :

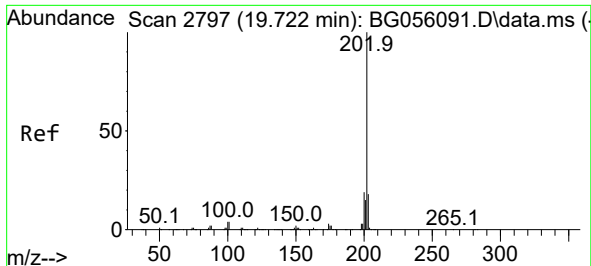
Tgt Ion:167 Resp: 520080
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 10.2 8.3 12.5



#78
 Di-n-butylphthalate
 Concen: 36.595 ng/ul
 RT: 18.621 min Scan# 2609
 Delta R.T. 0.003 min
 Lab File: BG056097.D
 Acq: 24 Dec 2022 19:50

Tgt Ion:149 Resp: 517609
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 6.7 4.6 7.0

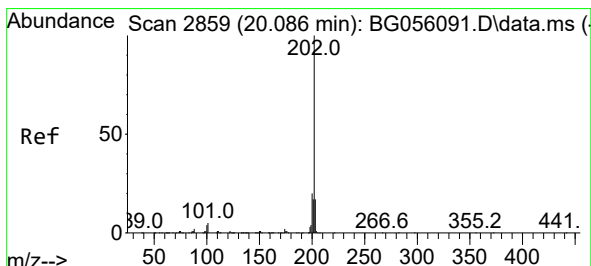
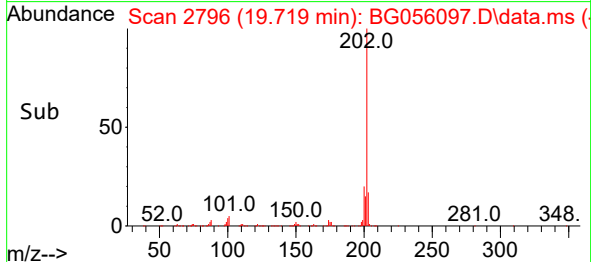
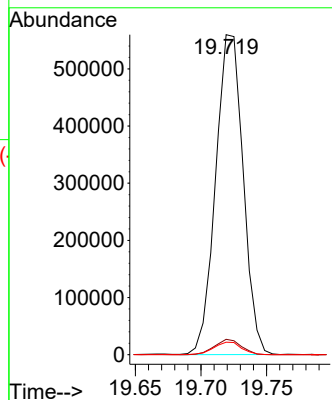
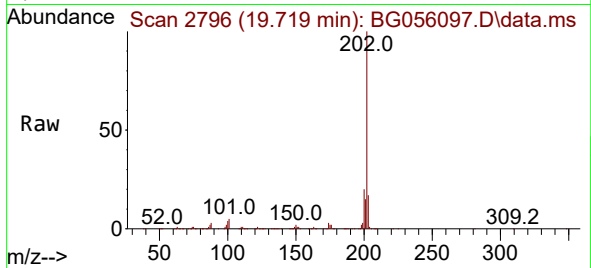




#80
Fluoranthene
Concen: 35.446 ng/ul
RT: 19.719 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

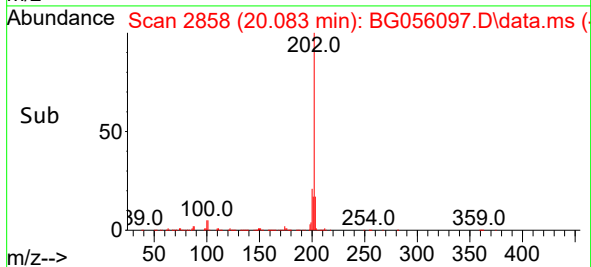
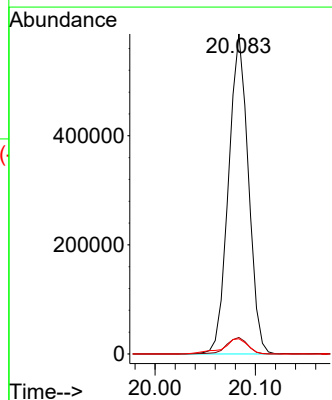
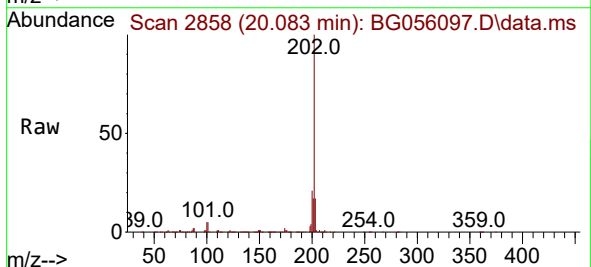
Instrument :
BNA_P
ClientSampleId :

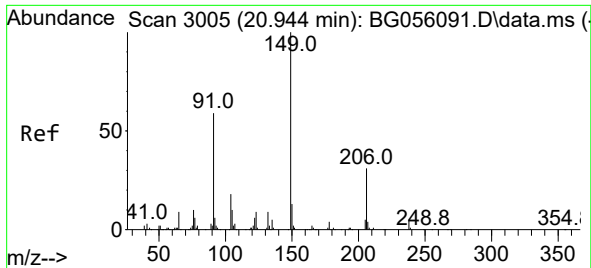
Tgt Ion:202 Resp: 816845
Ion Ratio Lower Upper
202 100
101 4.8 3.2 4.8#
100 3.9 3.0 4.4



#82
Pyrene
Concen: 34.626 ng/ul
RT: 20.083 min Scan# 2858
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:202 Resp: 804971
Ion Ratio Lower Upper
202 100
101 5.1 3.6 5.4
100 4.8 3.3 4.9

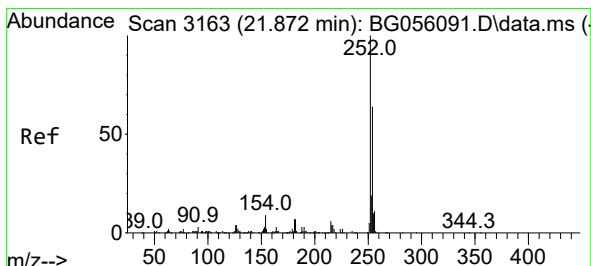
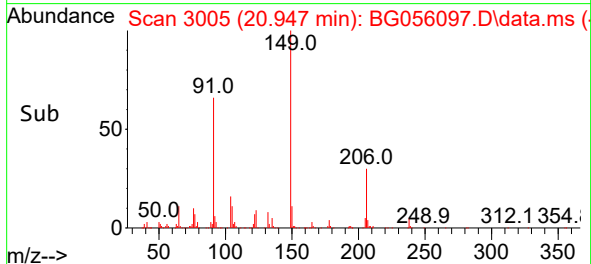
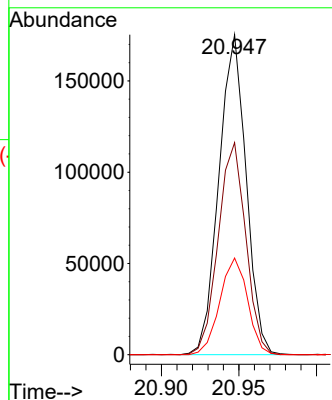
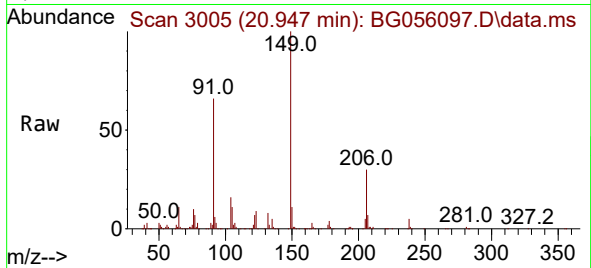




#83
 Butylbenzylphthalate
 Concen: 43.250 ng/ul
 RT: 20.947 min Scan# 3005
 Delta R.T. 0.003 min
 Lab File: BG056097.D
 Acq: 24 Dec 2022 19:50

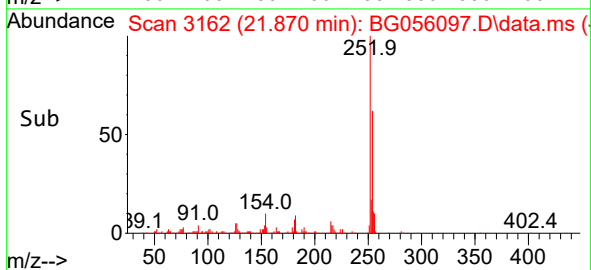
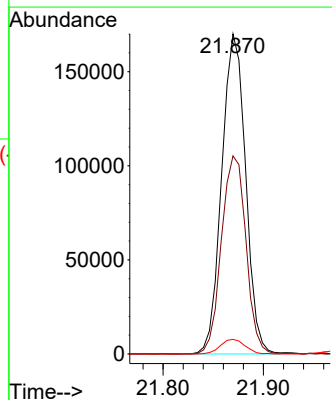
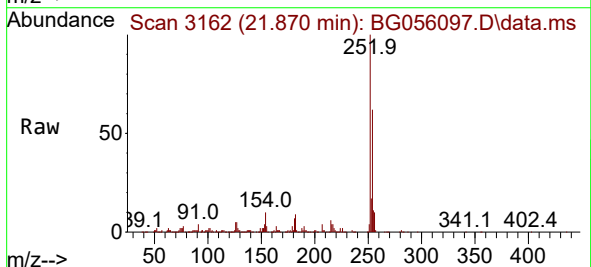
Instrument :
 BNA_P
 ClientSampleId :

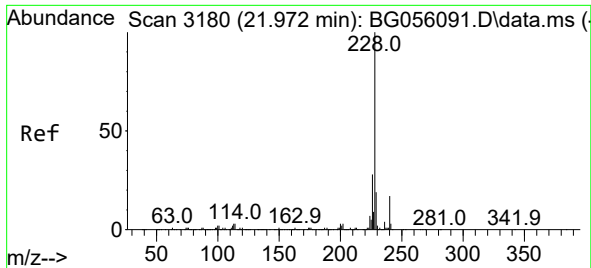
Tgt Ion:149 Resp: 213968
 Ion Ratio Lower Upper
 149 100
 91 66.2 46.9 70.3
 206 30.2 24.6 36.8



#84
 3,3'-Dichlorobenzidine
 Concen: 35.244 ng/ul
 RT: 21.870 min Scan# 3162
 Delta R.T. -0.003 min
 Lab File: BG056097.D
 Acq: 24 Dec 2022 19:50

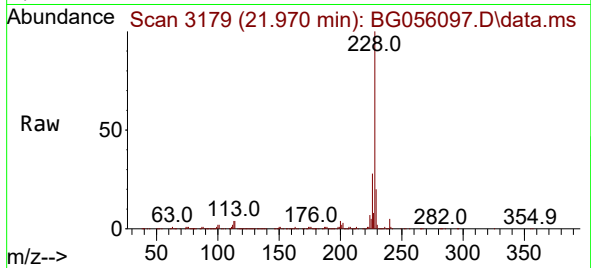
Tgt Ion:252 Resp: 280993
 Ion Ratio Lower Upper
 252 100
 254 61.9 50.8 76.2
 126 4.6 3.4 5.0



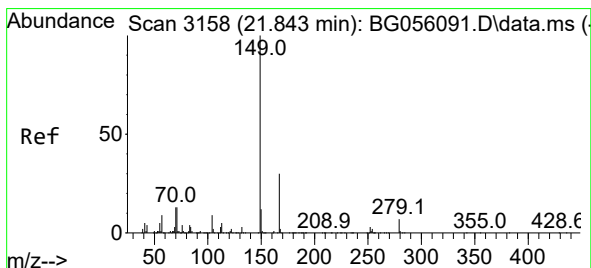
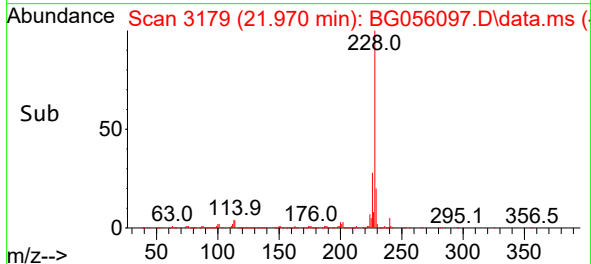
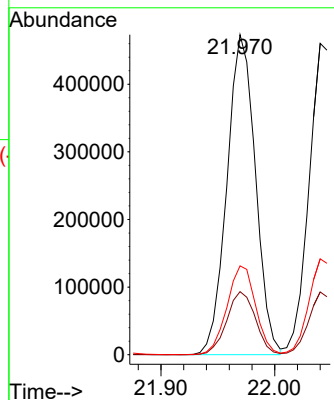


#85
Benzo(a)anthracene
Concen: 34.021 ng/ul
RT: 21.970 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Instrument :
BNA_P
ClientSampleId :

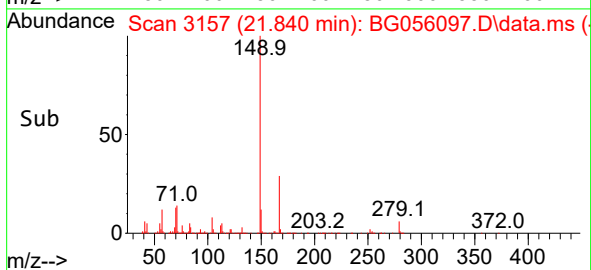
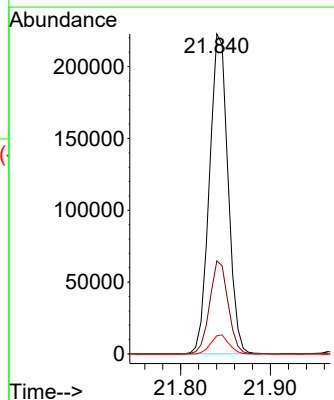
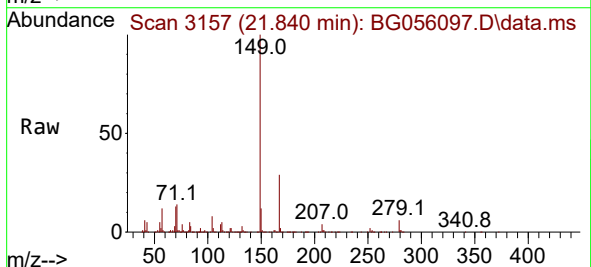


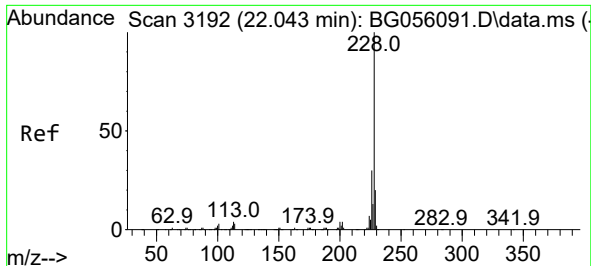
Tgt Ion:228 Resp: 823997
Ion Ratio Lower Upper
228 100
229 19.7 15.5 23.3
226 27.7 22.3 33.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 42.112 ng/ul
RT: 21.840 min Scan# 3157
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:149 Resp: 319153
Ion Ratio Lower Upper
149 100
167 29.1 23.7 35.5
279 5.7 5.4 8.0

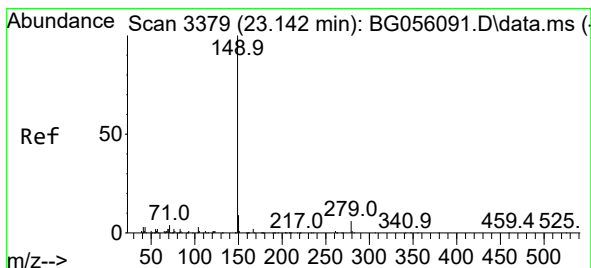
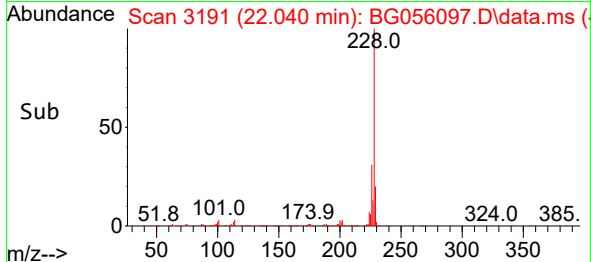
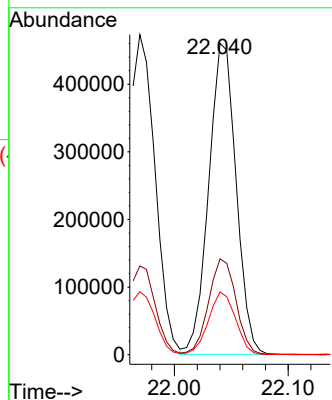
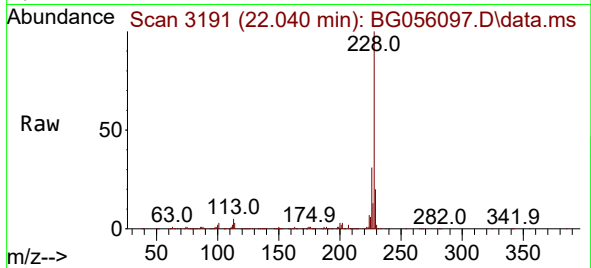




#87
Chrysene
Concen: 34.271 ng/ul
RT: 22.040 min Scan# 3192
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

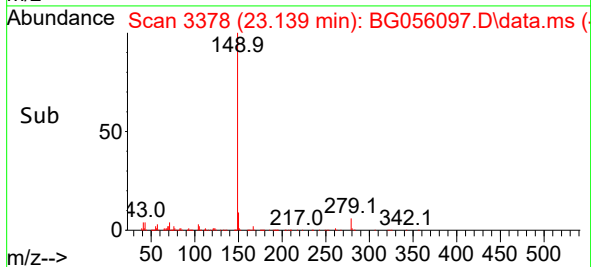
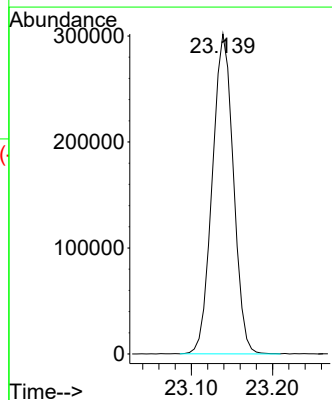
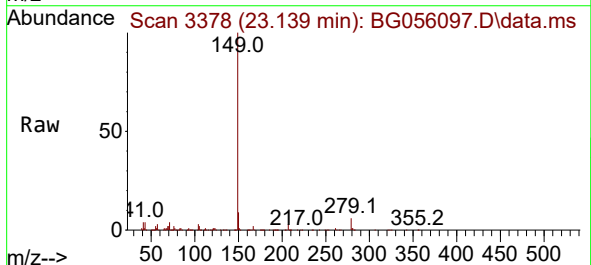
Instrument :
BNA_P
ClientSampleId :

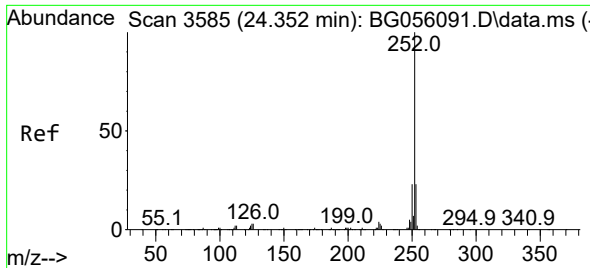
Tgt Ion:228 Resp: 770347
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 20.1 16.2 24.4



#89
Di-n-octyl phthalate
Concen: 38.192 ng/ul
RT: 23.139 min Scan# 3378
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:149 Resp: 544063

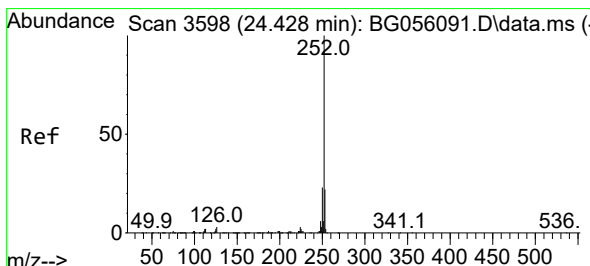
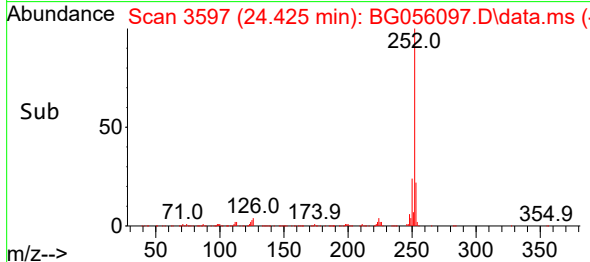
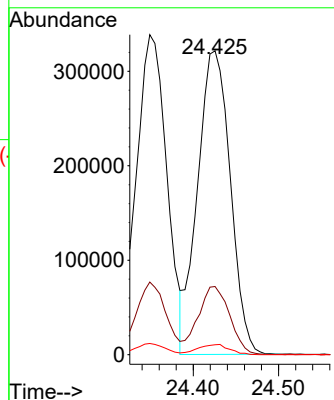
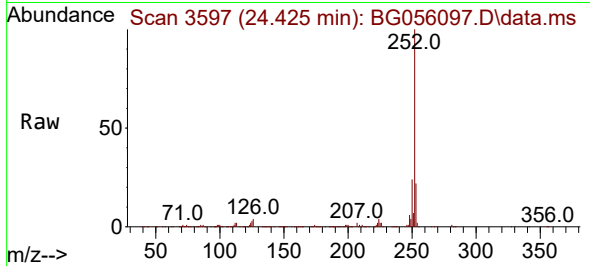




#90
Benzo(b)fluoranthene
Concen: 33.707 ng/ul
RT: 24.425 min Scan# 3597
Delta R.T. 0.074 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

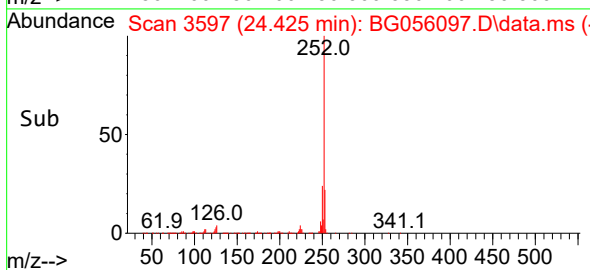
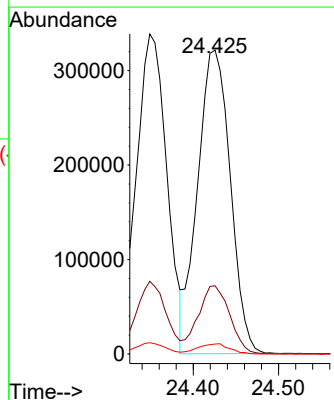
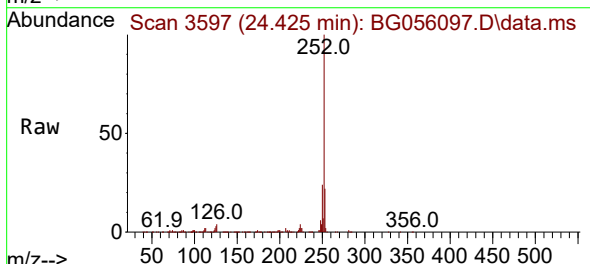
Instrument :
BNA_P
ClientSampleId :

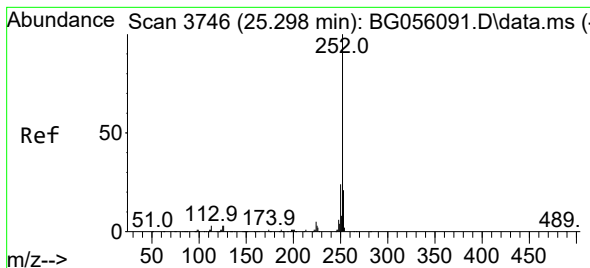
Tgt Ion:252 Resp: 856585
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 3.3 2.2 3.4



#91
Benzo(k)fluoranthene
Concen: 34.542 ng/ul
RT: 24.425 min Scan# 3597
Delta R.T. -0.003 min
Lab File: BG056097.D
Acq: 24 Dec 2022 19:50

Tgt Ion:252 Resp: 856585
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 3.3 2.0 3.0#





#93

Benzo(a)pyrene

Concen: 34.225 ng/ul

RT: 25.295 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG056097.D

Acq: 24 Dec 2022 19:50

Instrument :

BNA_P

ClientSampleId :

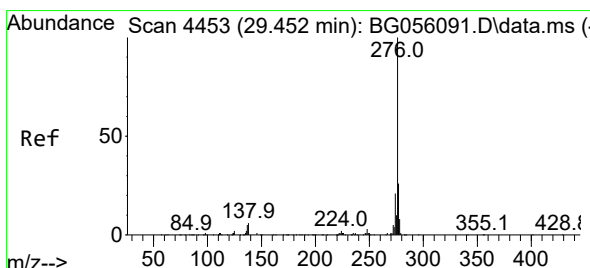
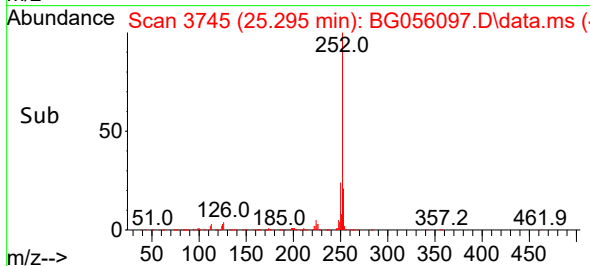
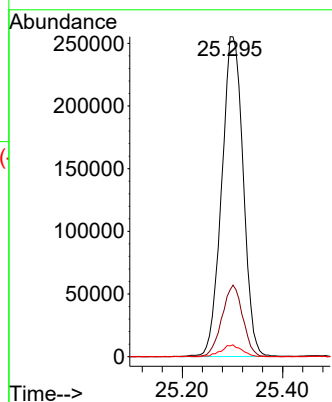
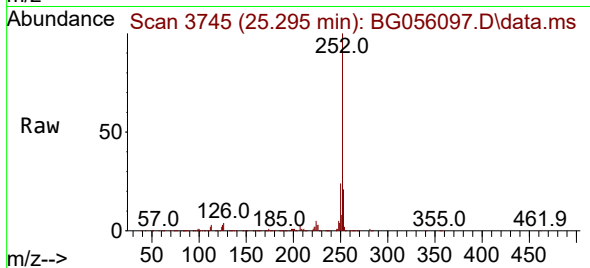
Tgt Ion:252 Resp: 757880

Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

125 3.4 2.3 3.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.292 ng/ul

RT: 29.461 min Scan# 4454

Delta R.T. 0.009 min

Lab File: BG056097.D

Acq: 24 Dec 2022 19:50

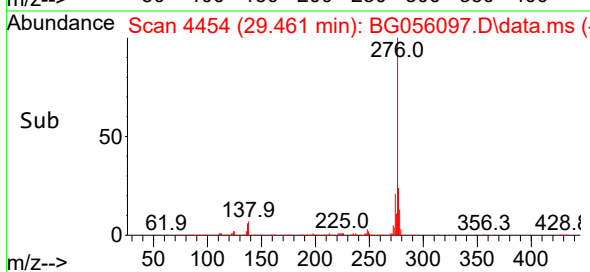
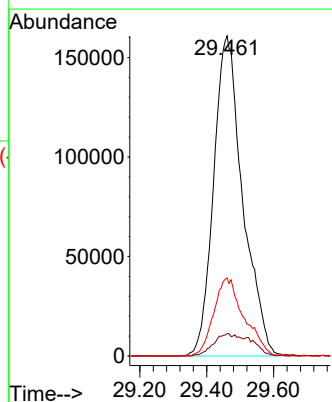
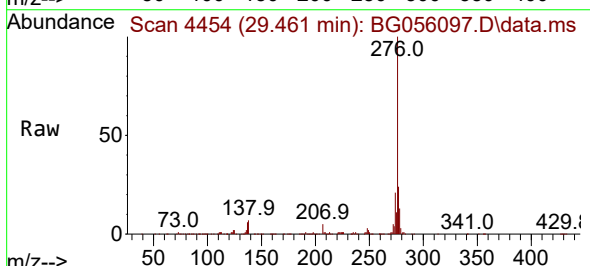
Tgt Ion:276 Resp: 971005

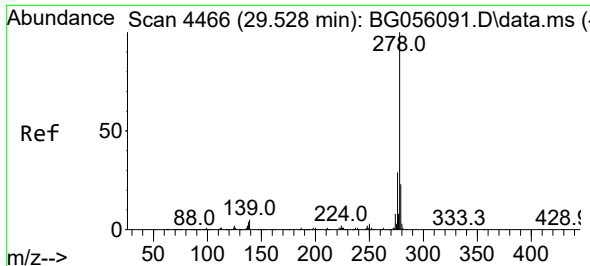
Ion Ratio Lower Upper

276 100

138 7.0 4.4 6.6

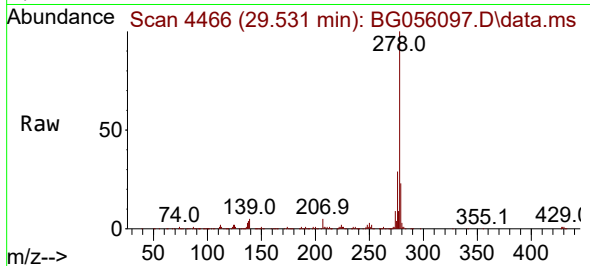
277 24.3 20.7 31.1



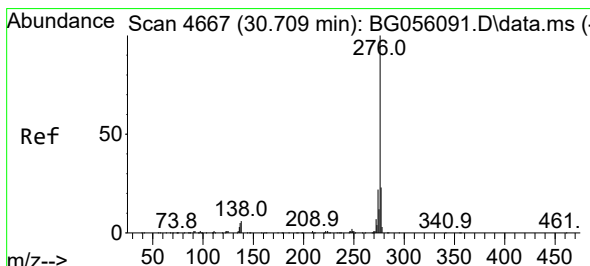
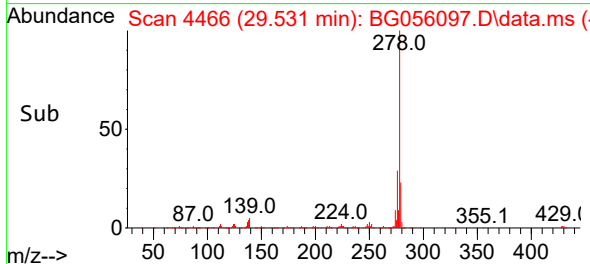
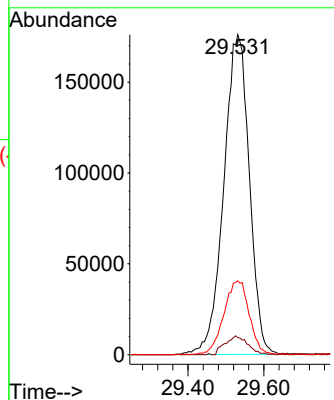


#95
 Dibenzo(a,h)anthracene
 Concen: 33.704 ng/ul
 RT: 29.531 min Scan# 4466
 Delta R.T. 0.003 min
 Lab File: BG056097.D
 Acq: 24 Dec 2022 19:50

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:278 Resp: 822199
 Ion Ratio Lower Upper
 278 100
 139 5.3 4.3 6.5
 279 23.1 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 33.483 ng/ul
 RT: 30.712 min Scan# 4667
 Delta R.T. 0.003 min
 Lab File: BG056097.D
 Acq: 24 Dec 2022 19:50

Tgt Ion:276 Resp: 784836
 Ion Ratio Lower Upper
 276 100
 138 6.9 5.1 7.7
 277 24.0 18.5 27.7

