

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058151.D
 Acq On : 10 Jul 2023 21:15
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020507

Quant Time: Jul 11 00:47:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	42344	20.000	ng/ul	0.00
20) Naphthalene-d8	10.779	136	192543	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.599	164	134206	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.342	188	310599	20.000	ng/ul	0.00
79) Chrysene-d12	21.602	240	274712	20.000	ng/ul	0.00
88) Perylene-d12	24.792	264	315824	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	8842	7.312	ng/uL	0.00
4) Pyridine-d5	3.817	84	67064	18.268	ng/ul	0.00
7) Phenol-d5	7.131	99	84655	19.576	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.295	67	49257	18.901	ng/ul	0.00
11) 2-Chlorophenol-d4	7.501	132	58544	19.629	ng/ul	0.00
15) 4-Methylphenol-d8	8.676	113	64591	19.795	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	30777	19.612	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	34000	20.614	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	67236	21.250	ng/ul	0.00
31) 4-Chloroaniline-d4	10.915	131	91072	18.985	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	192809	18.208	ng/ul	0.00
49) Acenaphthylene-d8	14.293	160	230385	19.938	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	32567	17.408	ng/ul	0.00
60) Fluorene-d10	15.591	176	178391	19.837	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.709	200	27556	16.339	ng/ul	0.00
73) Anthracene-d10	17.442	188	287660	19.959	ng/ul	0.00
81) Pyrene-d10	19.728	212	324465	18.754	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.575	264	321433	19.977	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.441	88	10319	6.907	ng/uL	99
5) Pyridine	3.835	79	72444	19.259	ng/ul	96
6) Benzaldehyde	7.113	77	23603	16.344	ng/ul	98
8) Phenol	7.160	94	88501	20.168	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.389	93	63569	18.761	ng/ul	98
12) 2-Chlorophenol	7.536	128	61493	19.813	ng/ul	97
13) 2-Methylphenol	8.412	108	67479	19.580	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.494	45	96810	18.561	ng/ul	97
16) Acetophenone	8.794	105	108878	20.112	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.770	70	53786	18.585	ng/ul	95
18) 4-Methylphenol	8.741	108	73896	19.830	ng/ul	97
19) Hexachloroethane	9.052	117	21295	17.898	ng/ul	93
22) Nitrobenzene	9.175	77	80981	19.878	ng/ul	99
23) Isophorone	9.693	82	154625	17.788	ng/ul	98
25) 2-Nitrophenol	9.892	139	37268	21.058	ng/ul	95
26) 2,4-Dimethylphenol	9.945	107	77833	19.558	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.174	93	94027	19.195	ng/ul	98
29) 2,4-Dichlorophenol	10.421	162	63289	20.573	ng/ul	96
30) Naphthalene	10.826	128	215470	19.913	ng/ul	99
32) 4-Chloroaniline	10.938	127	94082	19.181	ng/ul	99
33) Hexachlorobutadiene	11.108	225	40583	18.634	ng/ul	97
34) Caprolactam	11.684	113	21554	17.427	ng/ul	90
35) 4-Chloro-3-methylphenol	12.054	107	76796	20.322	ng/ul	98
36) 2-Methylnaphthalene	12.430	142	146828	20.130	ng/ul	99

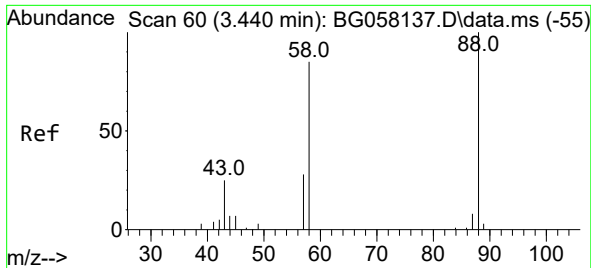
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.654	142	146563	20.037	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.795	216	84081	20.558	ng/ul	99
40) Hexachlorocyclopentadiene	12.771	237	25133	9.756	ng/ul	96
41) 2,4,6-Trichlorophenol	13.036	196	57151	20.618	ng/ul	96
42) 2,4,5-Trichlorophenol	13.112	196	60721	20.255	ng/ul	97
43) 1,1'-Biphenyl	13.435	154	199257	20.603	ng/ul	99
44) 2-Chloronaphthalene	13.482	162	160481	20.675	ng/ul	97
45) 2-Nitroaniline	13.682	65	54176	20.075	ng/ul	95
47) Dimethylphthalate	14.046	163	199293	18.733	ng/ul	99
48) 2,6-Dinitrotoluene	14.176	165	43768	20.043	ng/ul	96
50) Acenaphthylene	14.328	152	249194	19.971	ng/ul	100
51) 3-Nitroaniline	14.505	138	33755	18.291	ng/ul	97
52) Acenaphthene	14.663	153	170329	19.893	ng/ul	96
53) 2,4-Dinitrophenol	14.716	184	15856	13.928	ng/ul	89
55) 4-Nitrophenol	14.810	109	24317	17.546	ng/ul	89
56) Dibenzofuran	14.998	168	246747	20.272	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	60221	19.464	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.227	232	51346	18.815	ng/ul	98
59) Diethylphthalate	15.409	149	196811	17.725	ng/ul	100
61) Fluorene	15.644	166	200298	20.056	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.638	204	106646	20.182	ng/ul	97
63) 4-Nitroaniline	15.662	138	20904	12.645	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.727	198	28620	16.594	ng/ul	97
67) N-Nitrosodiphenylamine	15.850	169	168966	20.441	ng/ul	99
68) 4-Bromophenyl-phenylether	16.526	248	70189	20.587	ng/ul	99
69) Hexachlorobenzene	16.649	284	74085	19.408	ng/ul	98
70) Atrazine	16.796	200	61203	18.106	ng/ul	96
71) Pentachlorophenol	16.996	266	35091	15.313	ng/ul	95
72) Phenanthrene	17.384	178	315418	19.964	ng/ul	99
74) Anthracene	17.477	178	313612	19.615	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.406	216	90720	22.023	ng/uL	94
76) Pentachlorobenzene	14.916	250	93865	21.336	ng/uL	96
77) Carbazole	17.742	167	287391	19.875	ng/ul	100
78) Di-n-butylphthalate	18.294	149	336296	18.258	ng/ul	98
80) Fluoranthene	19.393	202	375641	18.737	ng/ul	100
82) Pyrene	19.757	202	377170	18.690	ng/ul	100
83) Butylbenzylphthalate	20.633	149	152039	18.579	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.496	252	144678	21.754	ng/ul	99
85) Benzo(a)anthracene	21.579	228	380799	19.306	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.479	149	212029	18.081	ng/ul	98
87) Chrysene	21.643	228	368018	19.903	ng/ul	98
89) Di-n-octyl phthalate	22.671	149	393870	20.297	ng/ul	100
90) Benzo(b)fluoranthene	23.776	252	383330	19.603	ng/ul	99
91) Benzo(k)fluoranthene	23.841	252	389395	20.316	ng/ul	99
93) Benzo(a)pyrene	24.640	252	348334	20.125	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.424	276	426894	18.574	ng/ul	97
95) Dibenzo(a,h)anthracene	28.494	278	369209	19.481	ng/ul	98
96) Benzo(g,h,i)perylene	29.569	276	292697	15.591	ng/ul	98

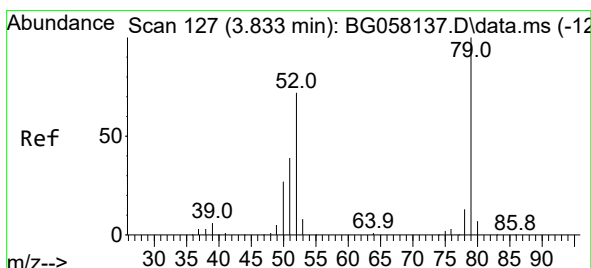
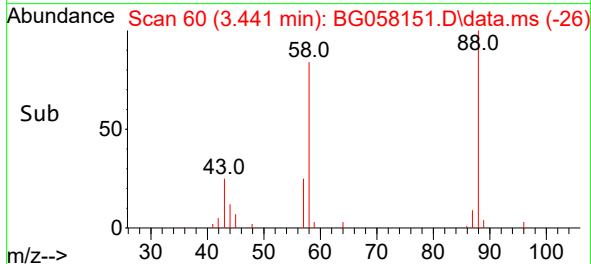
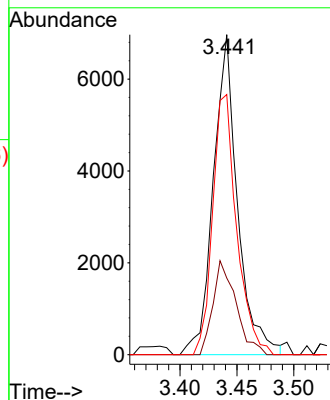
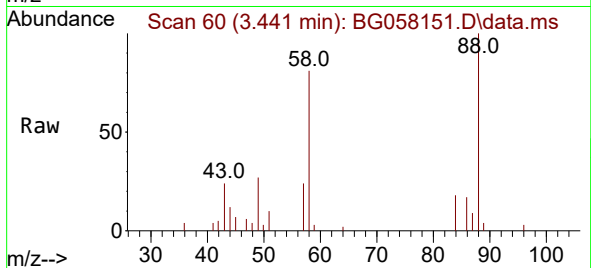
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 6.907 ng/uL
RT: 3.441 min Scan# 60
Delta R.T. 0.001 min
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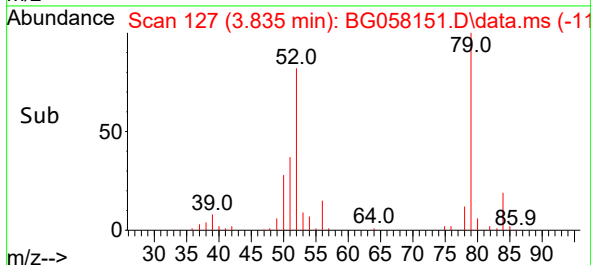
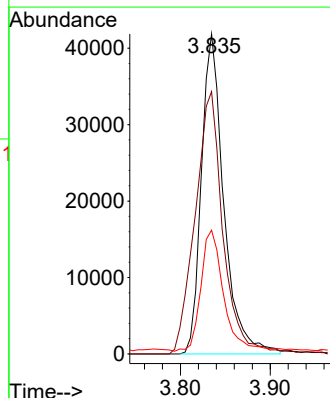
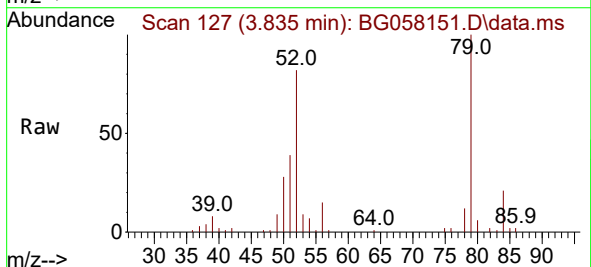
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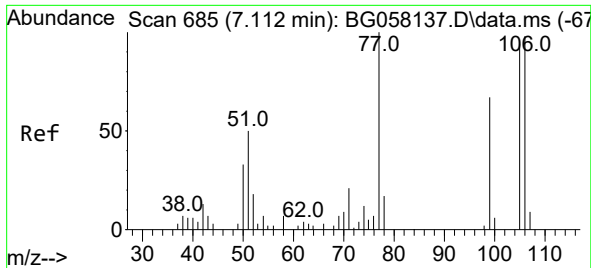
Tgt Ion:	88	Resp:	10319
Ion	Ratio	Lower	Upper
88	100		
43	23.9	20.6	30.8
58	81.3	65.5	98.3



#5
Pyridine
Concen: 19.259 ng/uL
RT: 3.835 min Scan# 127
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:	79	Resp:	72444
Ion	Ratio	Lower	Upper
79	100		
52	82.0	68.6	102.8
51	38.7	29.4	44.0

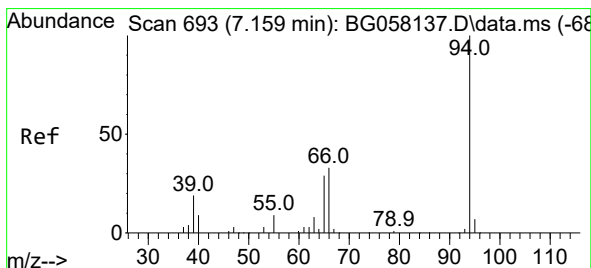
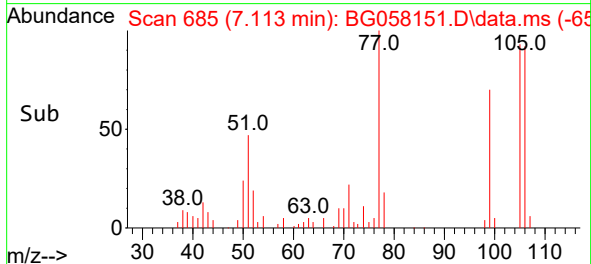
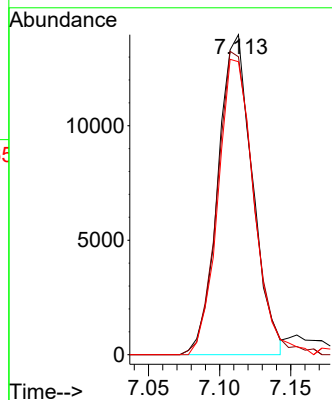
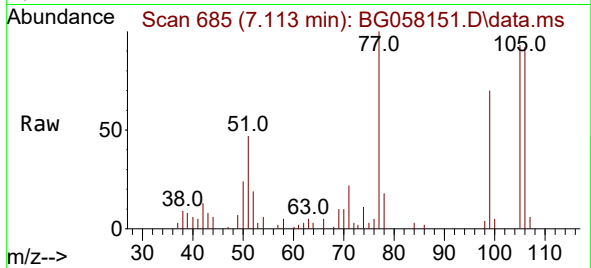




#6
Benzaldehyde
Concen: 16.344 ng/ul
RT: 7.113 min Scan# 685
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

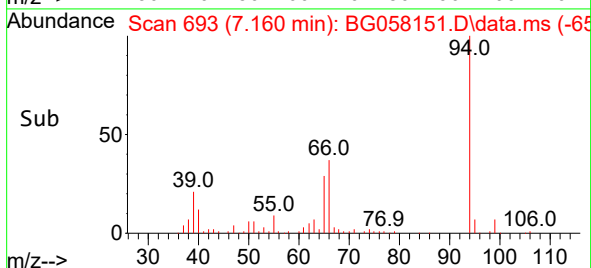
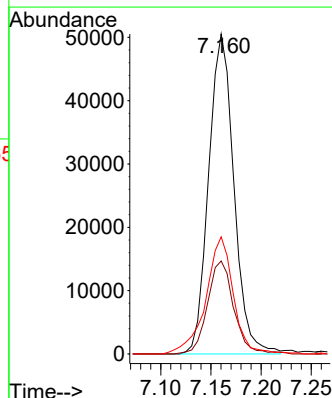
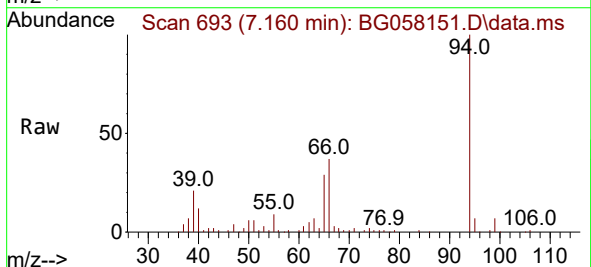
Instrument :
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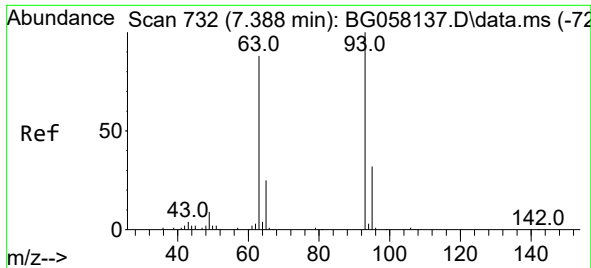
Tgt Ion: 77 Resp: 23603
Ion Ratio Lower Upper
77 100
105 93.1 74.7 112.1
106 91.6 75.9 113.9



#8
Phenol
Concen: 20.168 ng/ul
RT: 7.160 min Scan# 693
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion: 94 Resp: 88501
Ion Ratio Lower Upper
94 100
65 29.1 22.2 33.4
66 36.6 28.6 43.0

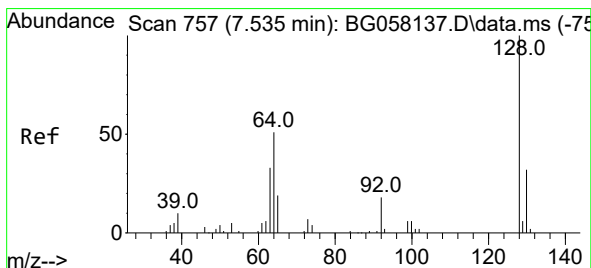
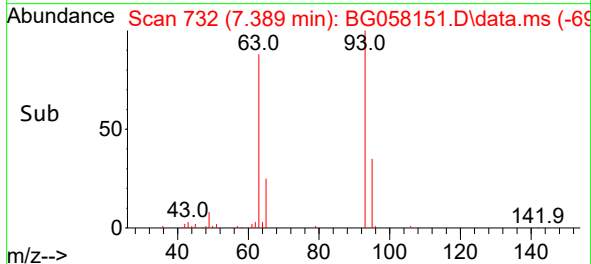
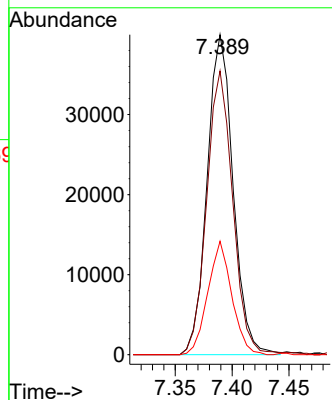
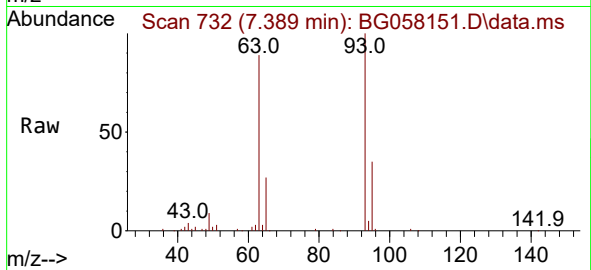




#10
Bis(2-Chloroethyl)ether
Concen: 18.761 ng/ul
RT: 7.389 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

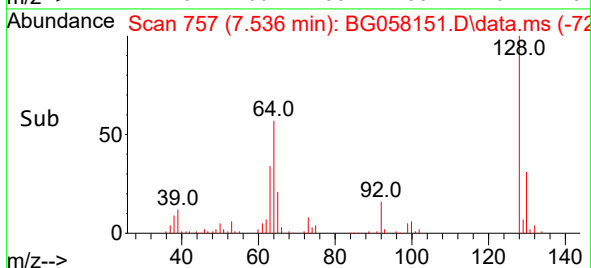
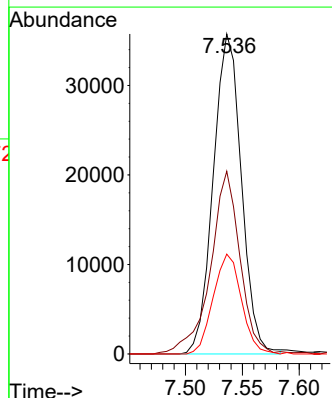
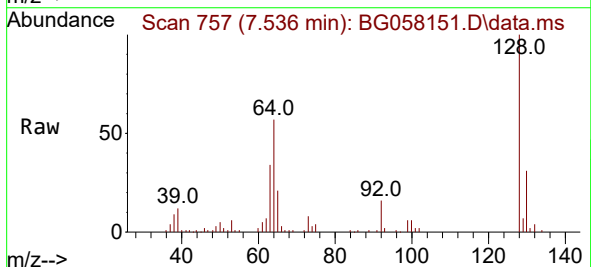
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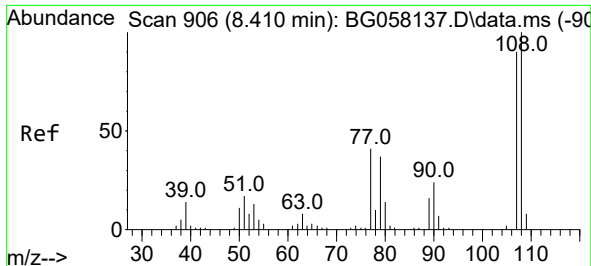
Tgt Ion: 93 Resp: 63569
Ion Ratio Lower Upper
93 100
63 88.7 69.4 104.0
95 35.4 27.0 40.6



#12
2-Chlorophenol
Concen: 19.813 ng/ul
RT: 7.536 min Scan# 757
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:128 Resp: 61493
Ion Ratio Lower Upper
128 100
64 57.1 44.3 66.5
130 31.2 27.3 40.9





#13

2-Methylphenol

Concen: 19.580 ng/ul

RT: 8.412 min Scan# 906

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Instrument :

BNA_P

ClientSampleId :

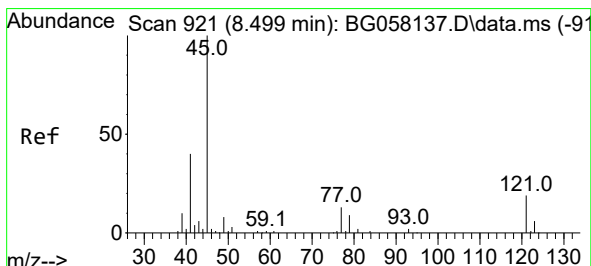
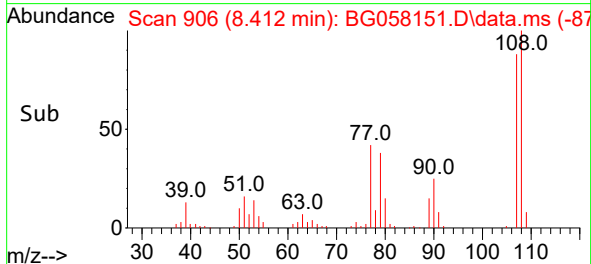
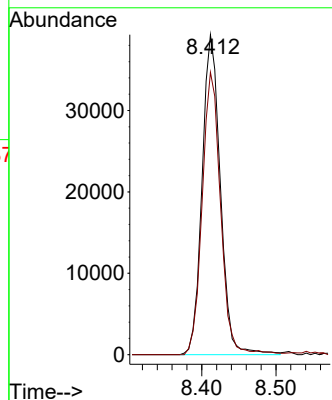
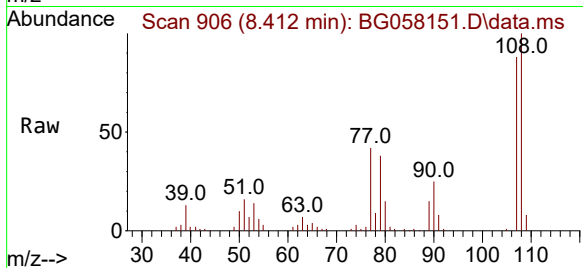
SSTD020507

Tgt Ion:108 Resp: 67479

Ion Ratio Lower Upper

108 100

107 88.3 75.0 112.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.561 ng/ul

RT: 8.494 min Scan# 920

Delta R.T. -0.005 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

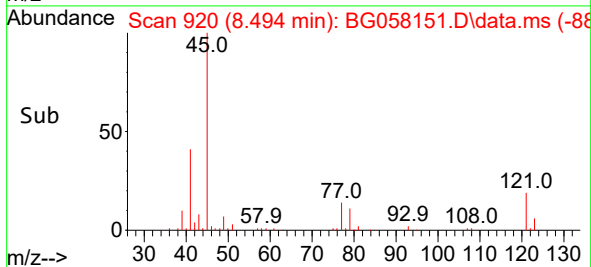
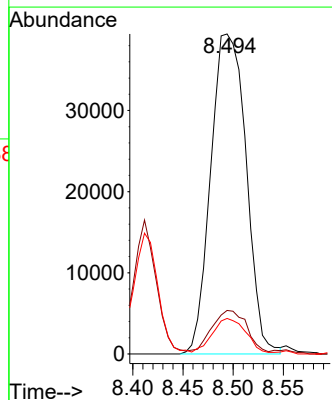
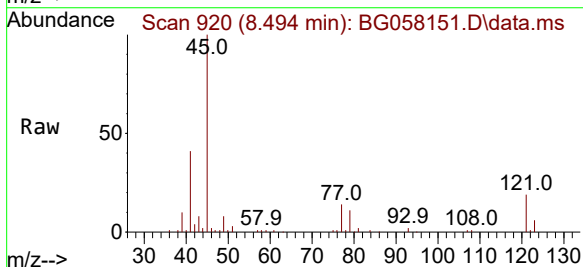
Tgt Ion: 45 Resp: 96810

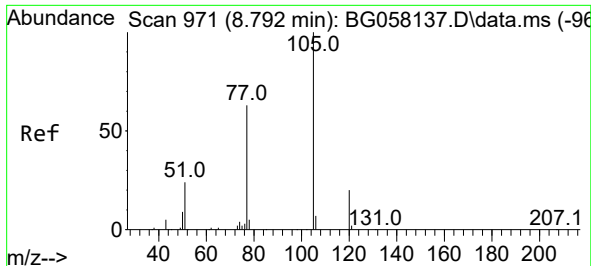
Ion Ratio Lower Upper

45 100

77 13.6 9.4 14.2

79 11.1 8.3 12.5

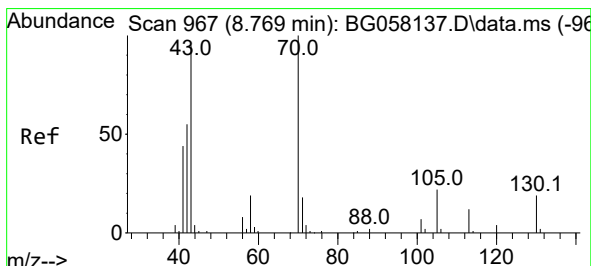
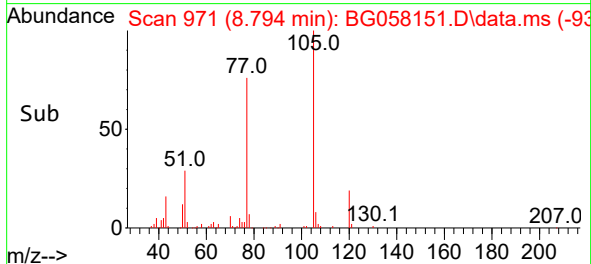
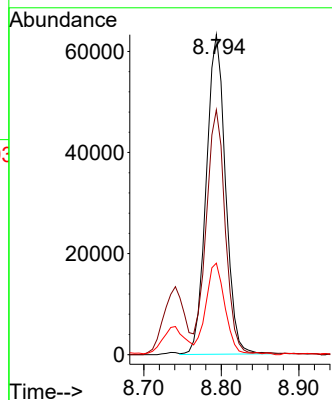
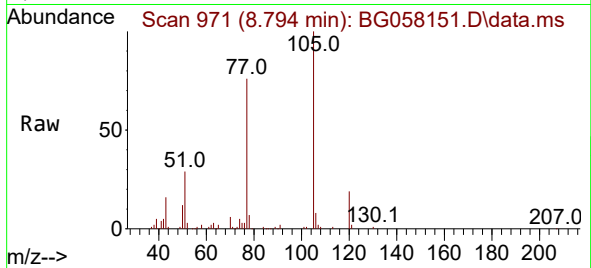




#16
Acetophenone
Concen: 20.112 ng/ul
RT: 8.794 min Scan# 971
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

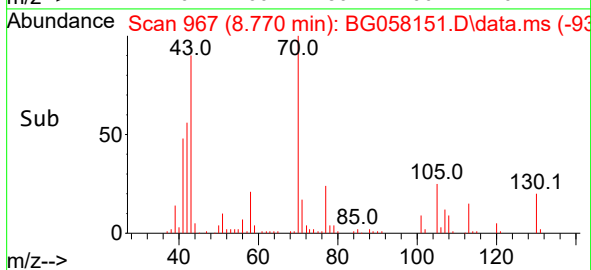
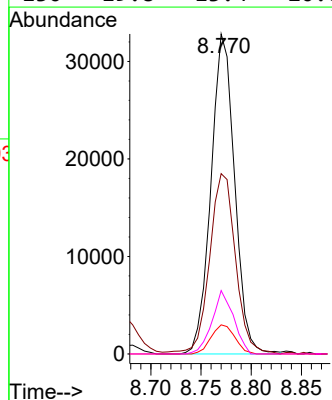
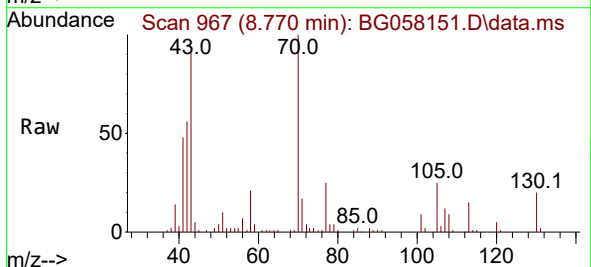
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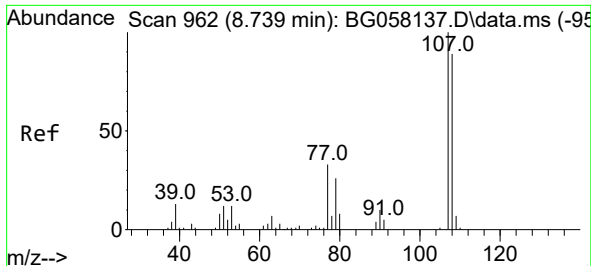
Tgt Ion:105 Resp: 108878
Ion Ratio Lower Upper
105 100
77 76.5 61.2 91.8
51 28.6 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 18.585 ng/ul
RT: 8.770 min Scan# 967
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion: 70 Resp: 53786
Ion Ratio Lower Upper
70 100
42 56.4 48.0 72.0
101 9.1 7.4 11.2
130 19.8 13.4 20.0

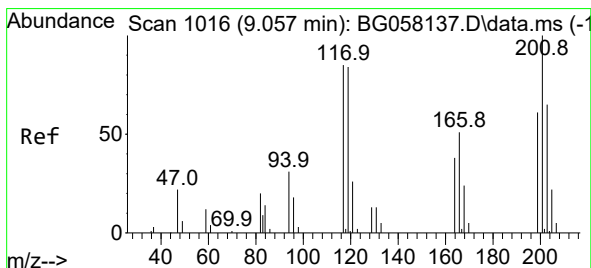
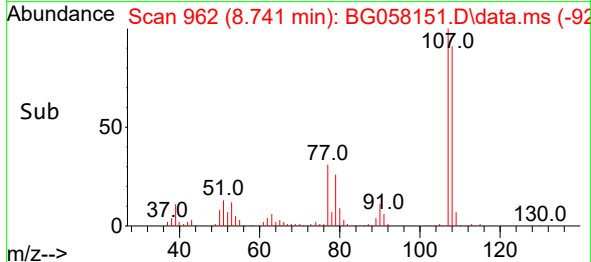
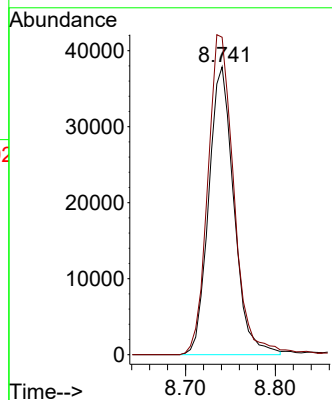
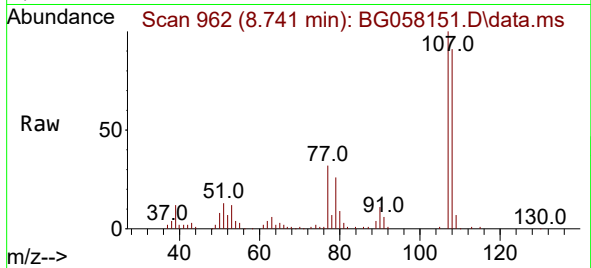




#18
4-Methylphenol
Concen: 19.830 ng/ul
RT: 8.741 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

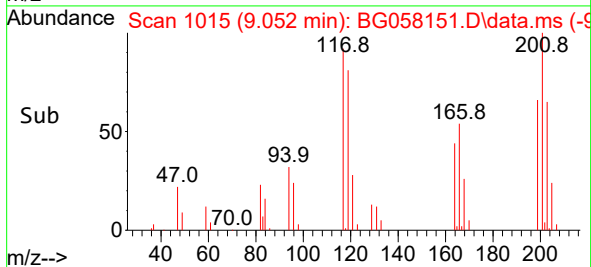
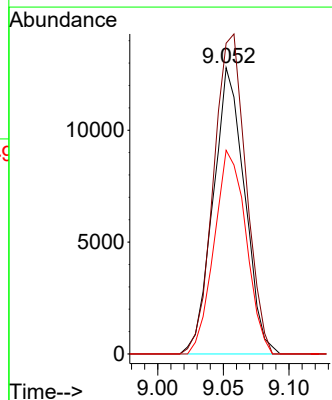
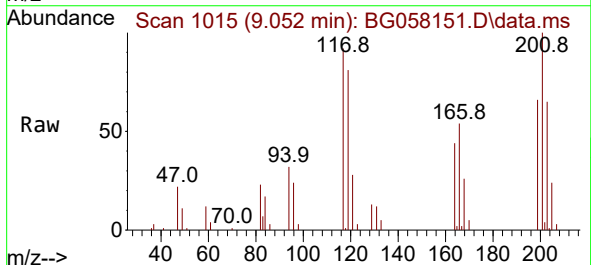
Instrument :
BNA_P
ClientSampleId :
SSTD020507

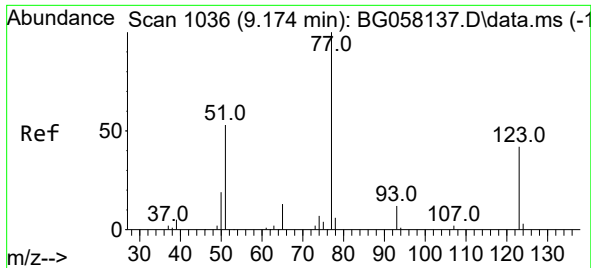
Tgt Ion:108 Resp: 73896
Ion Ratio Lower Upper
108 100
107 110.2 91.1 136.7



#19
Hexachloroethane
Concen: 17.898 ng/ul
RT: 9.052 min Scan# 1015
Delta R.T. -0.005 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:117 Resp: 21295
Ion Ratio Lower Upper
117 100
201 108.5 94.0 141.0
199 71.2 59.8 89.6

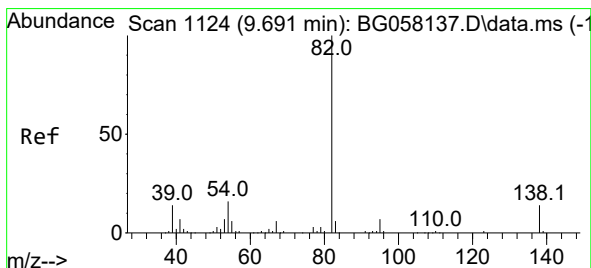
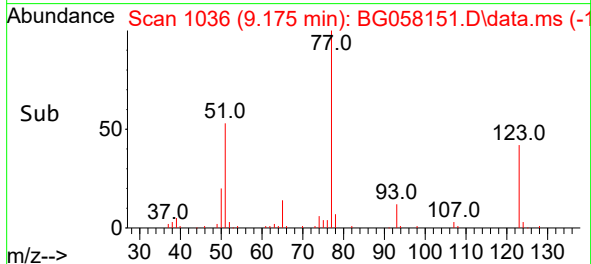
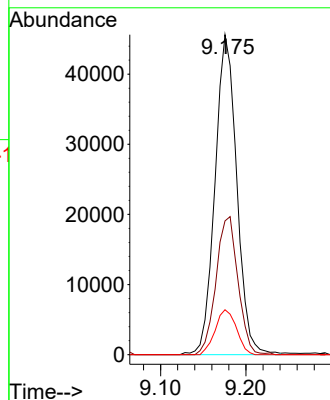
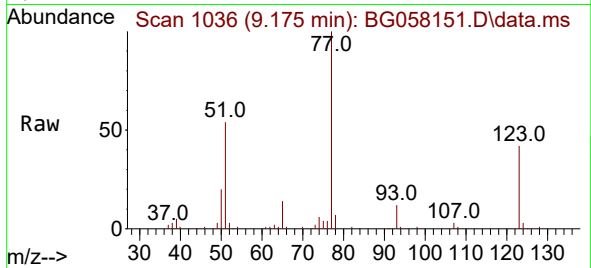




#22
Nitrobenzene
Concen: 19.878 ng/ul
RT: 9.175 min Scan# 1036
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

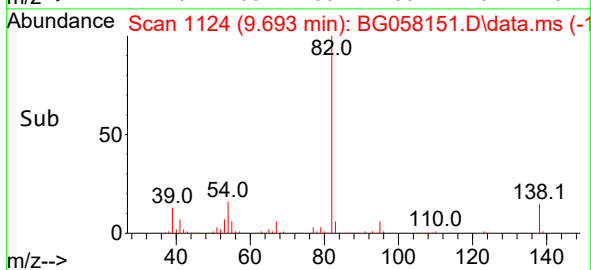
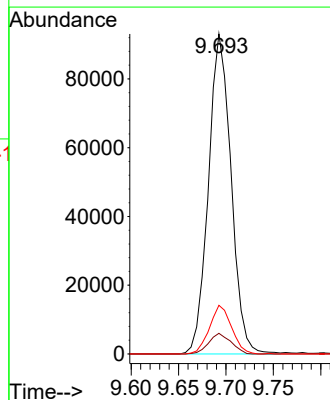
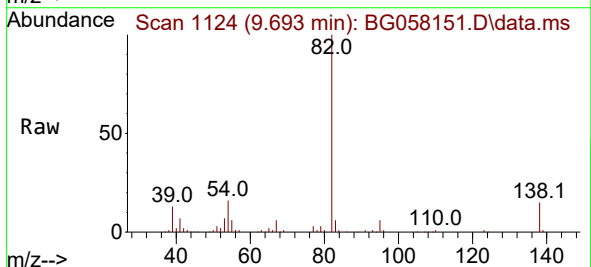
Instrument :
BNA_P
ClientSampleId :
SSTD020507

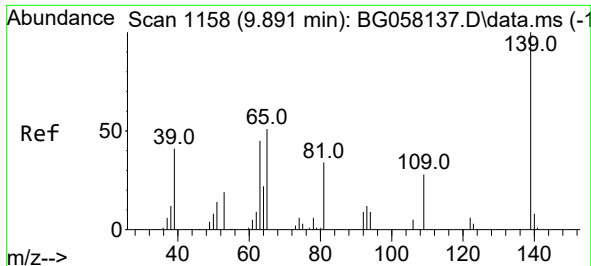
Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.8	33.3	49.9
65	14.0	10.4	15.6



#23
Isophorone
Concen: 17.788 ng/ul
RT: 9.693 min Scan# 1124
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.4	4.8	7.2
138	15.2	11.4	17.0

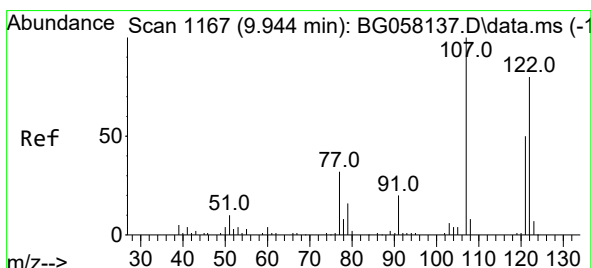
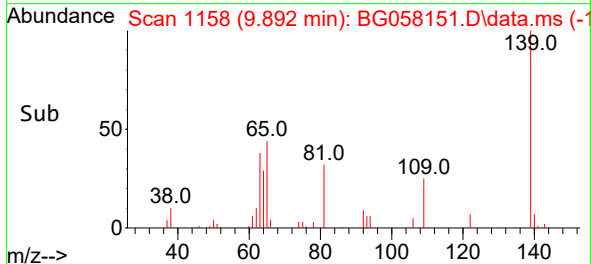
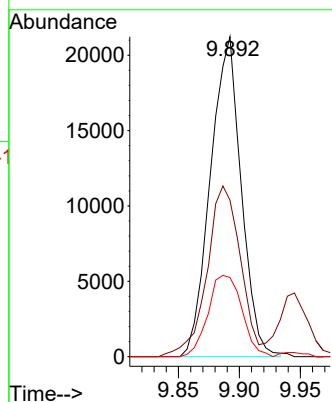
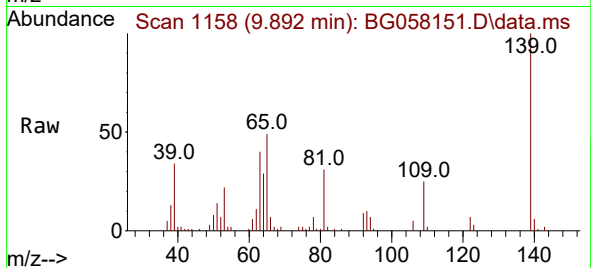




#25
2-Nitrophenol
Concen: 21.058 ng/ul
RT: 9.892 min Scan# 1158
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

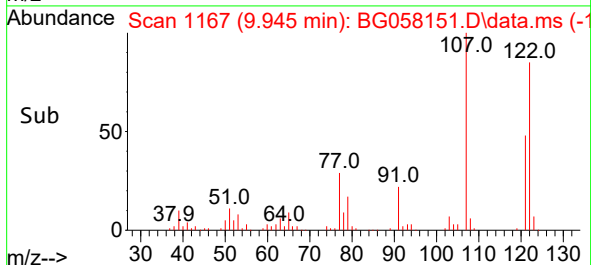
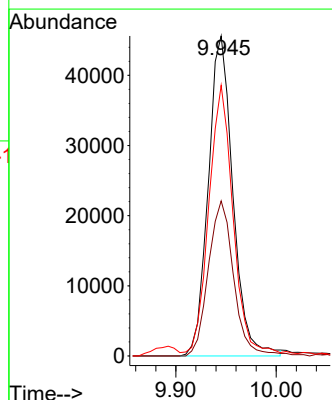
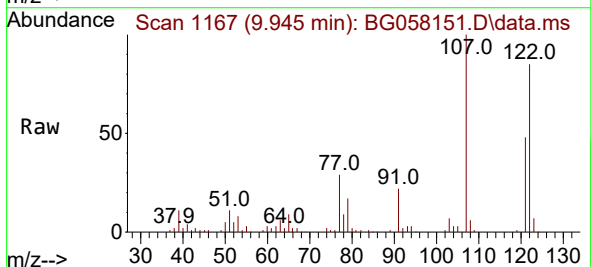
Instrument :
BNA_P
ClientSampleId :
SSTD020507

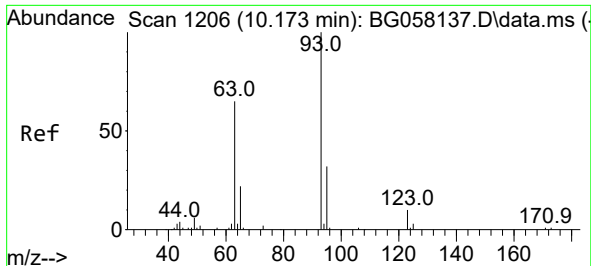
Tgt Ion:139 Resp: 37268
Ion Ratio Lower Upper
139 100
65 48.9 42.6 64.0
109 24.8 20.7 31.1



#26
2,4-Dimethylphenol
Concen: 19.558 ng/ul
RT: 9.945 min Scan# 1167
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:107 Resp: 77833
Ion Ratio Lower Upper
107 100
121 48.5 40.6 60.8
122 84.5 67.1 100.7





#27

Bis(2-Chloroethoxy)methane

Concen: 19.195 ng/ul

RT: 10.174 min Scan# 1206

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Instrument :

BNA_P

ClientSampleId :

SSTD020507

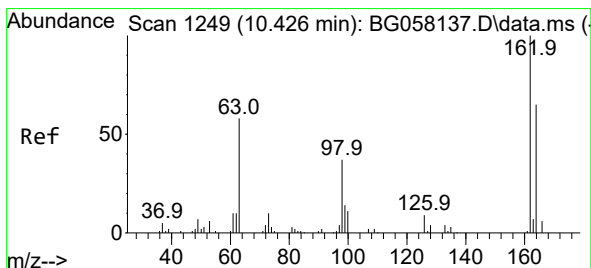
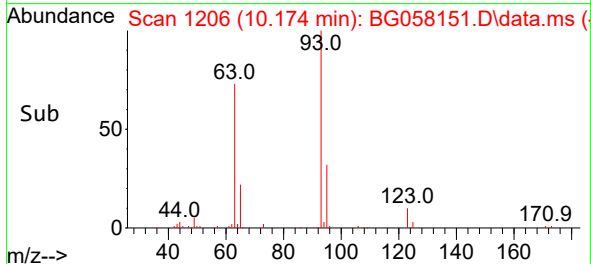
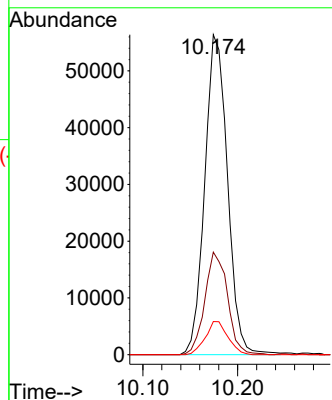
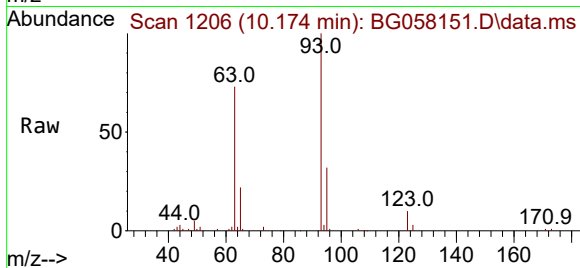
Tgt Ion: 93 Resp: 94027

Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

123 10.3 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 20.573 ng/ul

RT: 10.421 min Scan# 1248

Delta R.T. -0.005 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

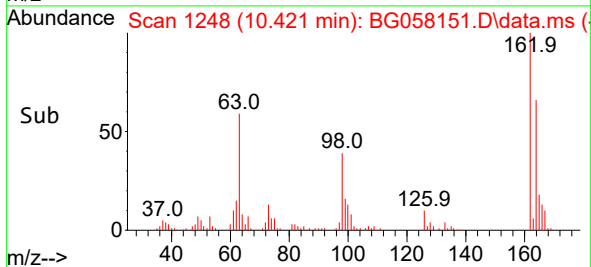
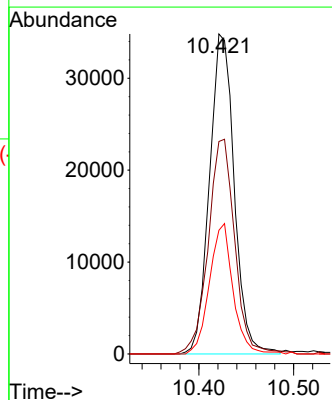
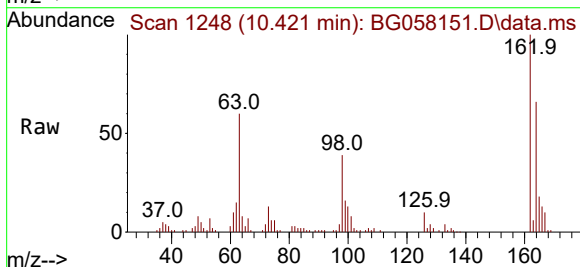
Tgt Ion:162 Resp: 63289

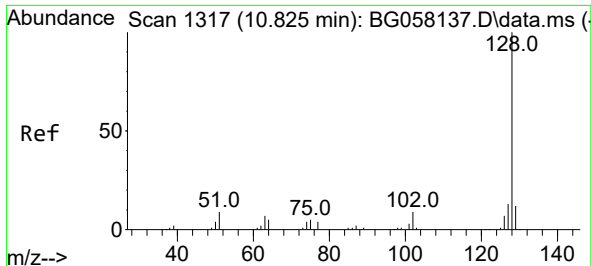
Ion Ratio Lower Upper

162 100

164 66.4 51.1 76.7

98 38.7 27.9 41.9

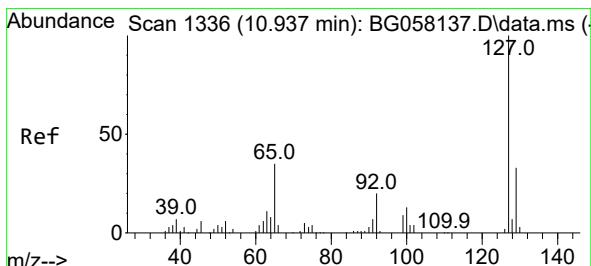
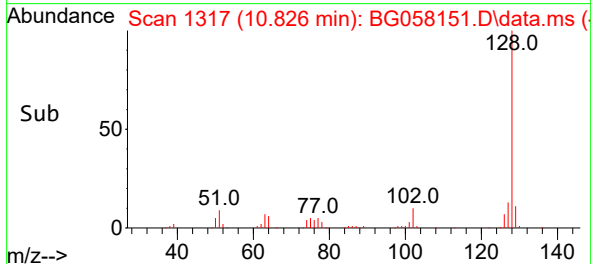
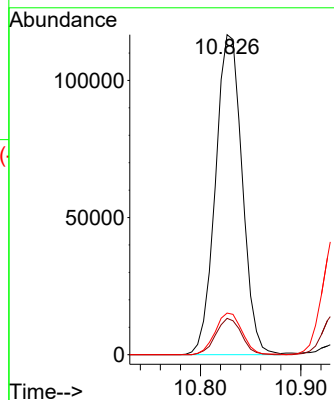
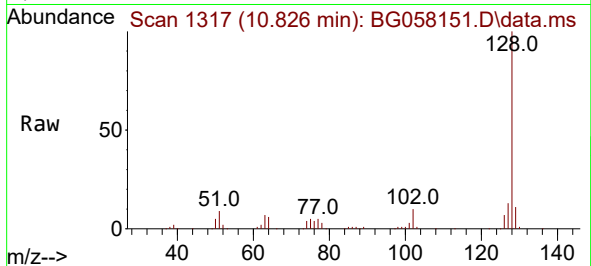




#30
Naphthalene
Concen: 19.913 ng/ul
RT: 10.826 min Scan# 1317
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

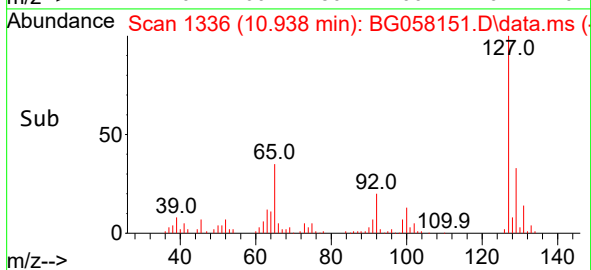
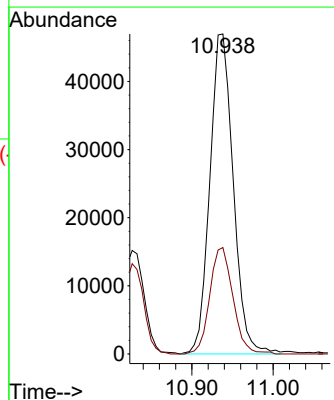
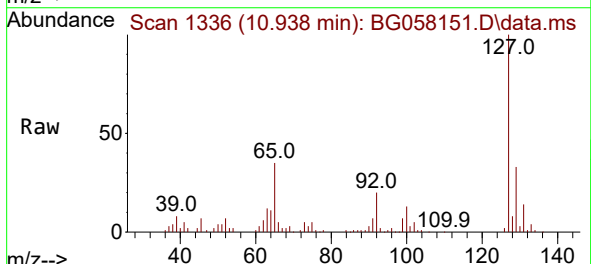
Instrument :
BNA_P
ClientSampleId :
SSTD020507

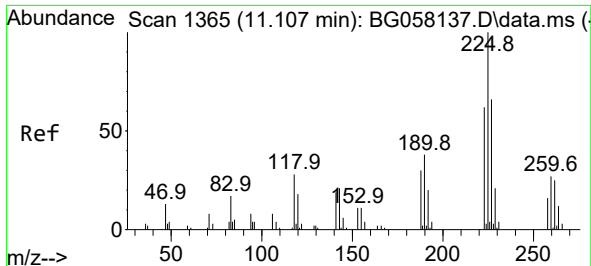
Tgt Ion:128 Resp: 215470
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.0 10.2 15.2



#32
4-Chloroaniline
Concen: 19.181 ng/ul
RT: 10.938 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:127 Resp: 94082
Ion Ratio Lower Upper
127 100
129 33.2 26.0 39.0

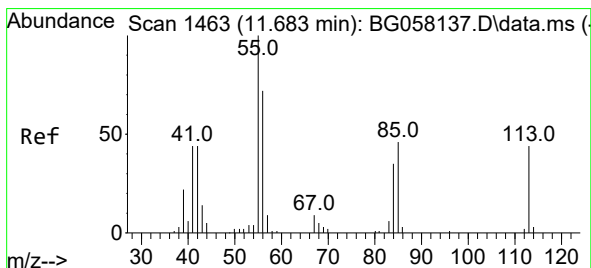
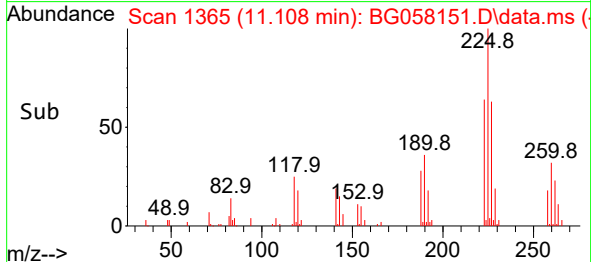
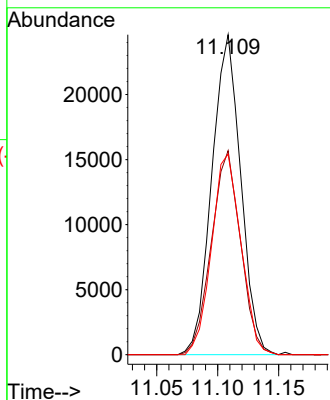
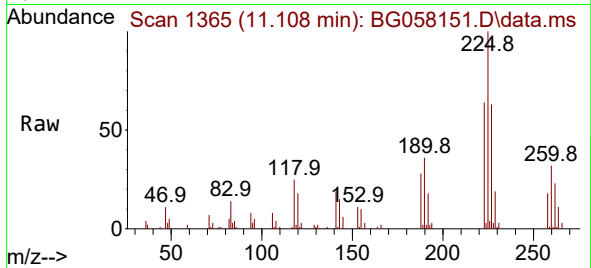




#33
Hexachlorobutadiene
Concen: 18.634 ng/ul
RT: 11.108 min Scan# 1365
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

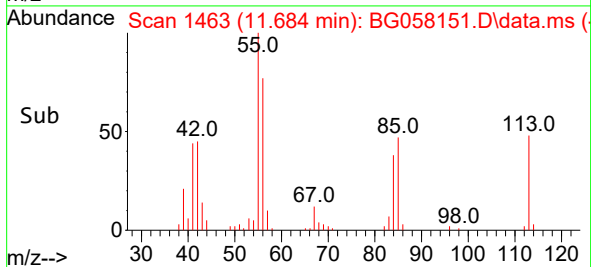
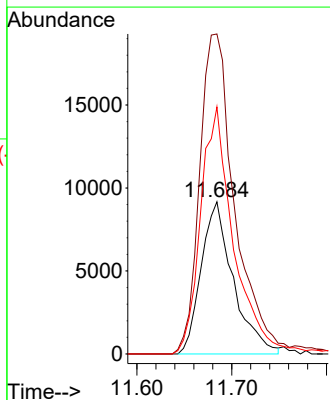
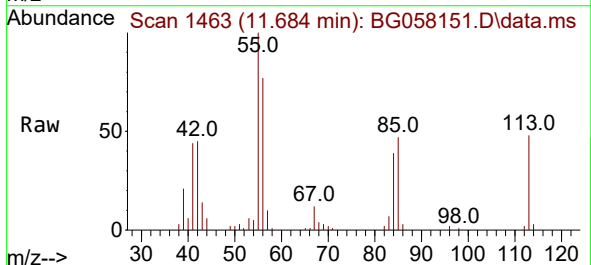
Instrument :
BNA_P
ClientSampleId :
SSTD020507

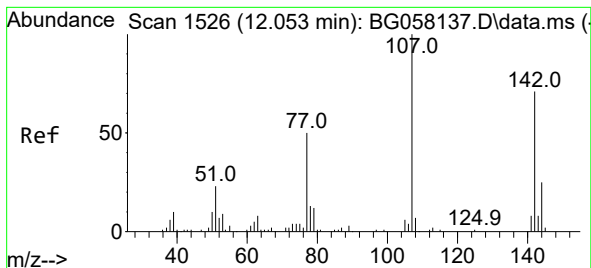
Tgt Ion:225 Resp: 40583
Ion Ratio Lower Upper
225 100
223 63.8 53.2 79.8
227 62.7 51.4 77.2



#34
Caprolactam
Concen: 17.427 ng/ul
RT: 11.684 min Scan# 1463
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:113 Resp: 21554
Ion Ratio Lower Upper
113 100
55 210.3 183.4 275.2
56 162.4 123.0 184.6

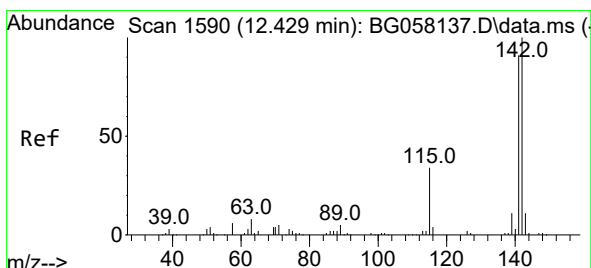
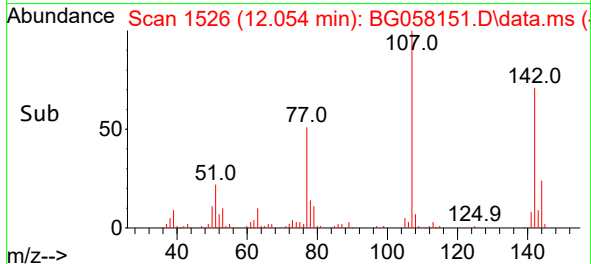
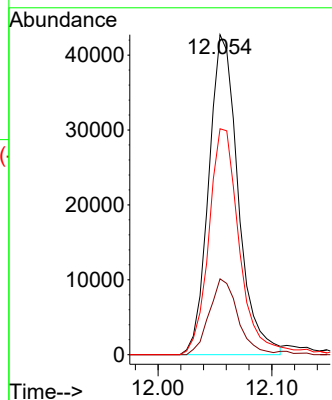
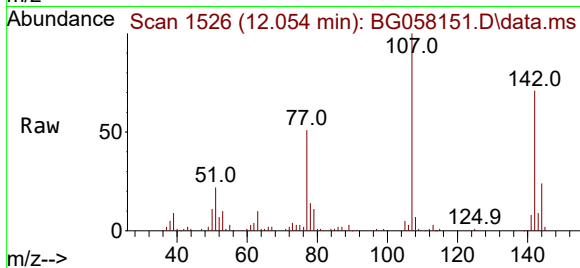




#35
 4-Chloro-3-methylphenol
 Concen: 20.322 ng/ul
 RT: 12.054 min Scan# 1526
 Delta R.T. 0.001 min
 Lab File: BG058151.D
 Acq: 10 Jul 2023 21:15

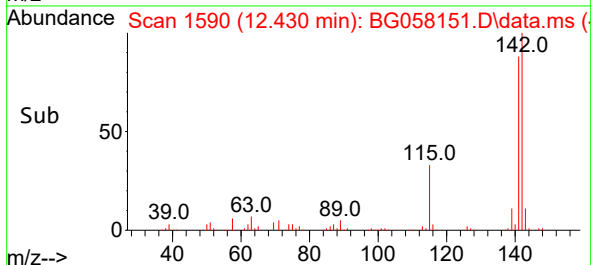
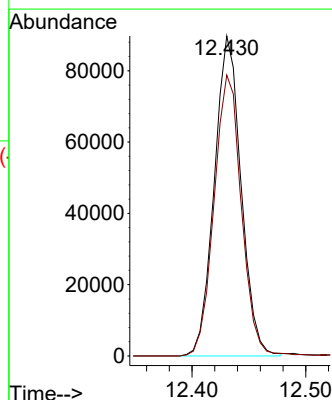
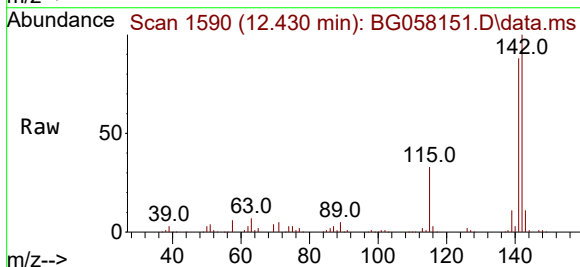
Instrument :
 BNA_P
 ClientSampleId :
 SST020507

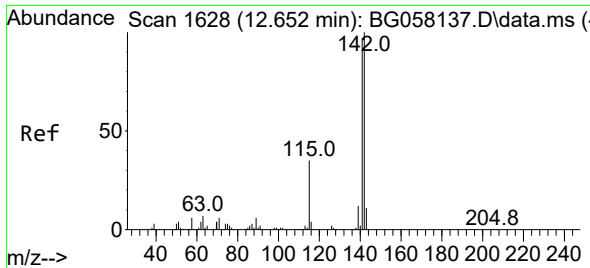
Tgt Ion:	107	Resp:	76796
Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.0	28.4
142	70.6	58.4	87.6



#36
 2-Methylnaphthalene
 Concen: 20.130 ng/ul
 RT: 12.430 min Scan# 1590
 Delta R.T. 0.001 min
 Lab File: BG058151.D
 Acq: 10 Jul 2023 21:15

Tgt Ion:	142	Resp:	146828
Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.4	104.2





#37

1-Methylnaphthalene

Concen: 20.037 ng/ul

RT: 12.654 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Instrument :

BNA_P

ClientSampleId :

SSTD020507

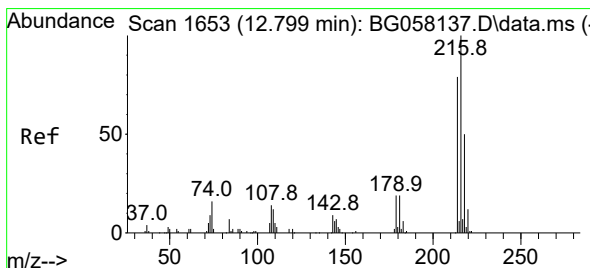
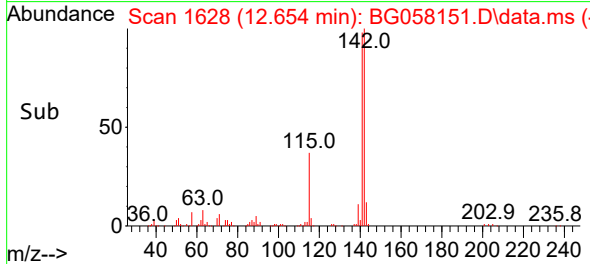
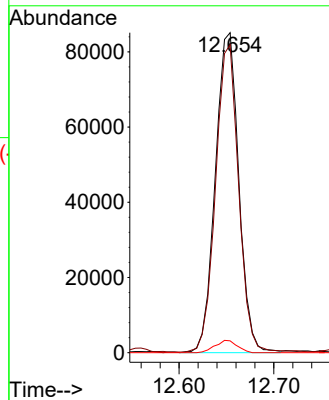
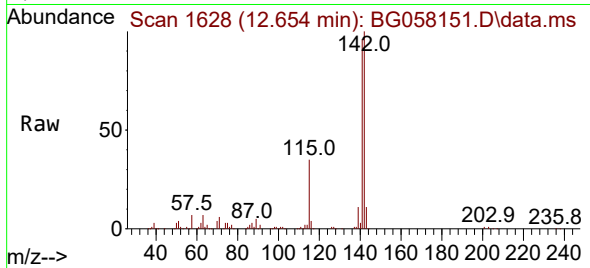
Tgt Ion:142 Resp: 146563

Ion Ratio Lower Upper

142 100

141 96.2 73.8 110.8

116 3.7 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.558 ng/ul

RT: 12.795 min Scan# 1652

Delta R.T. -0.005 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Tgt Ion:216 Resp: 84081

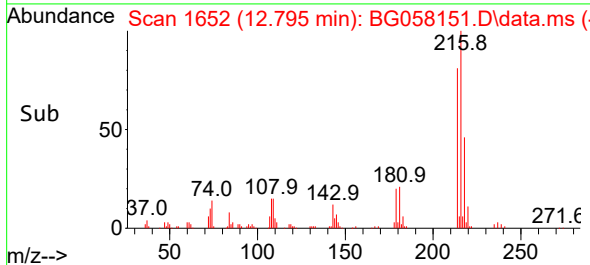
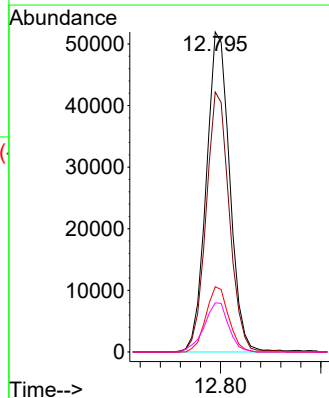
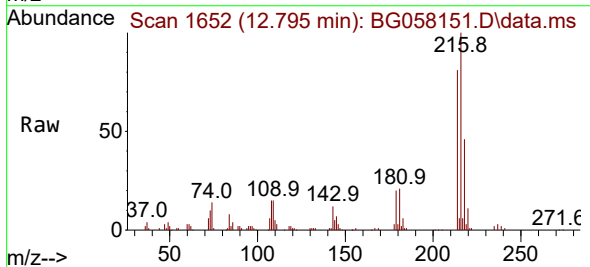
Ion Ratio Lower Upper

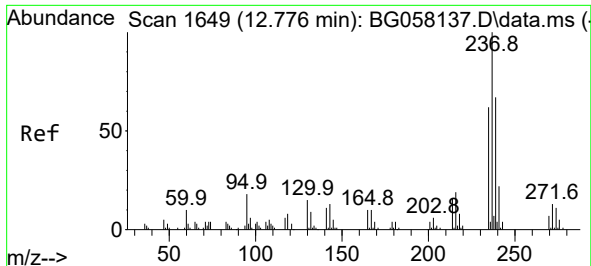
216 100

214 81.3 64.1 96.1

179 20.4 16.0 24.0

108 15.3 12.1 18.1

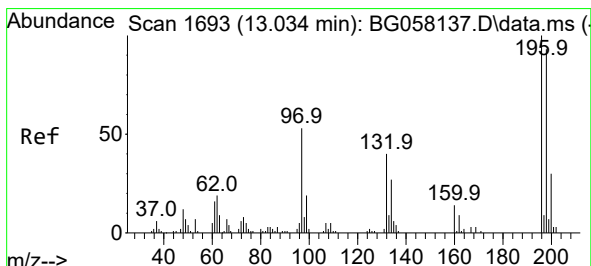
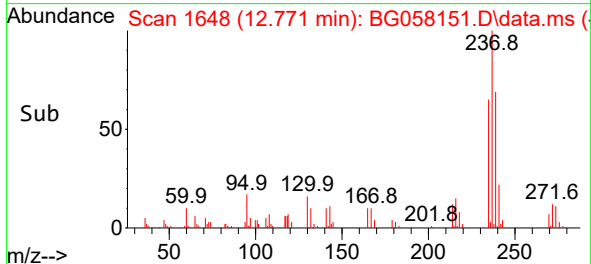
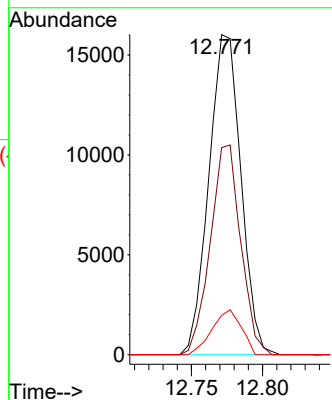
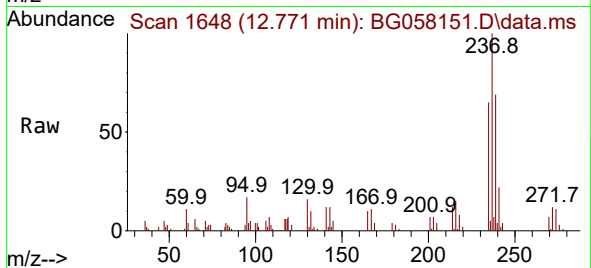




#40
Hexachlorocyclopentadiene
Concen: 9.756 ng/ul
RT: 12.771 min Scan# 1648
Delta R.T. -0.005 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

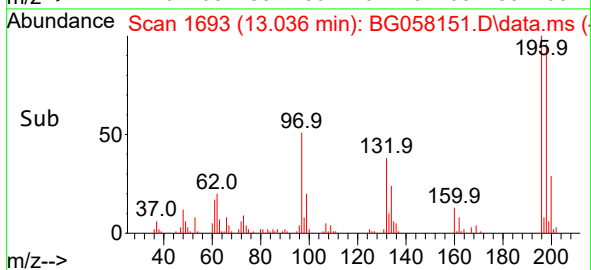
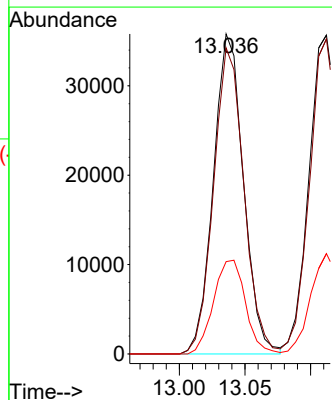
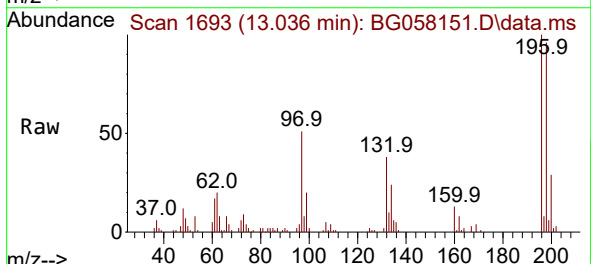
Instrument :
BNA_P
ClientSampleId :
SSTD020507

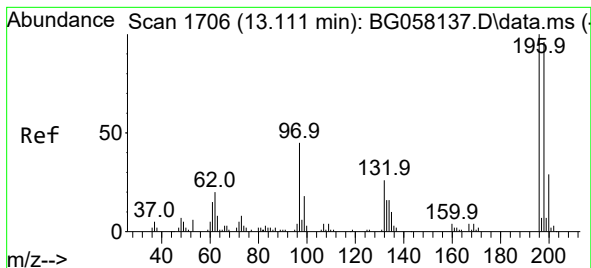
Tgt Ion:237 Resp: 25133
Ion Ratio Lower Upper
237 100
235 64.7 49.2 73.8
272 12.3 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 20.618 ng/ul
RT: 13.036 min Scan# 1693
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:196 Resp: 57151
Ion Ratio Lower Upper
196 100
198 95.7 73.5 110.3
200 28.8 24.8 37.2

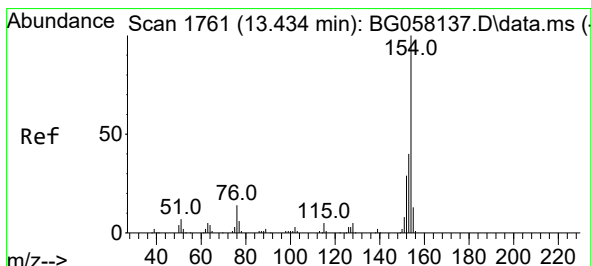
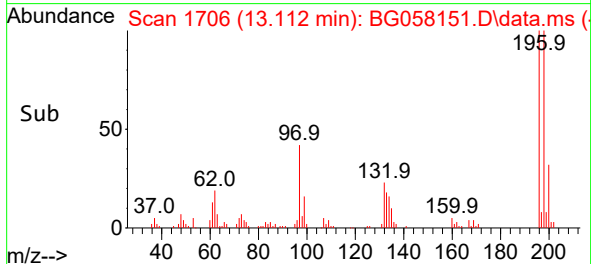
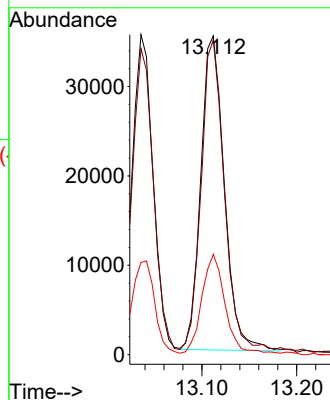
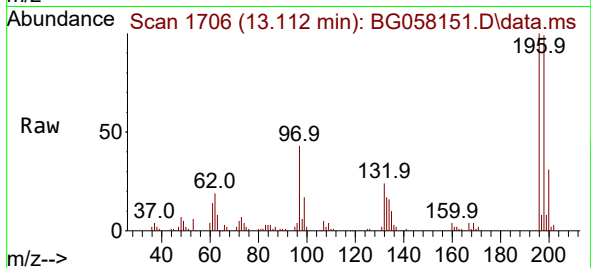




#42
2,4,5-Trichlorophenol
Concen: 20.255 ng/ul
RT: 13.112 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

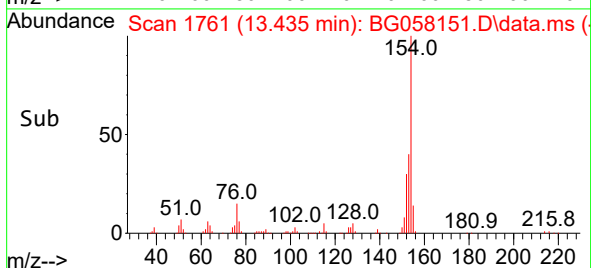
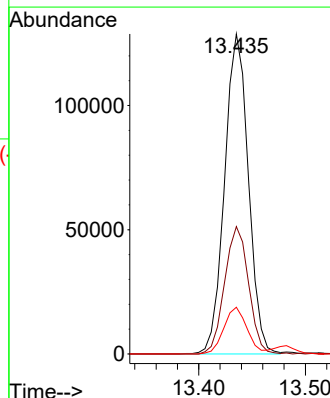
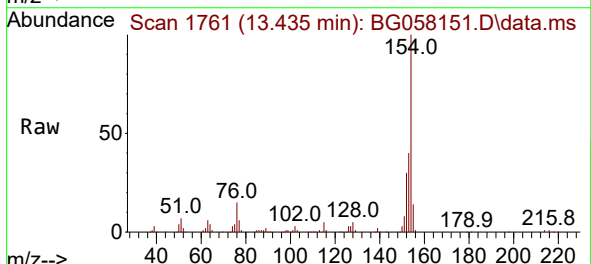
Instrument :
BNA_P
ClientSampleId :
SSTD020507

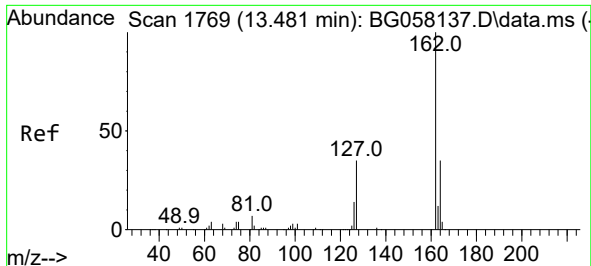
Tgt Ion:196 Resp: 60721
Ion Ratio Lower Upper
196 100
198 98.8 77.2 115.8
200 31.5 23.8 35.6



#43
1,1'-Biphenyl
Concen: 20.603 ng/ul
RT: 13.435 min Scan# 1761
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:154 Resp: 199257
Ion Ratio Lower Upper
154 100
153 39.8 32.6 49.0
76 14.6 11.6 17.4

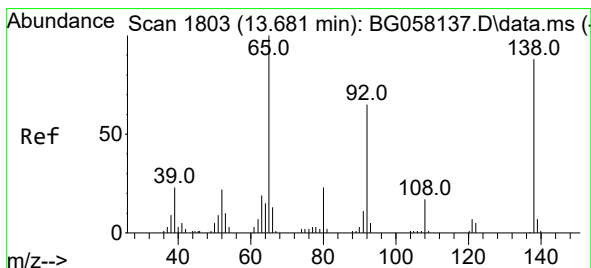
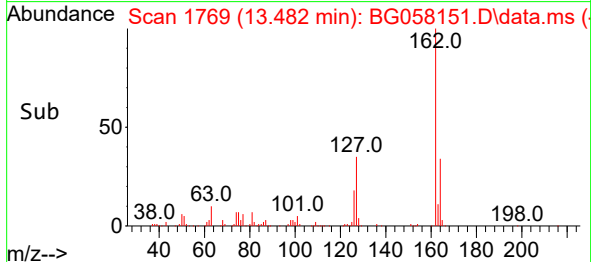
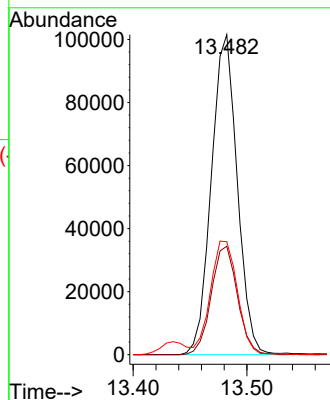
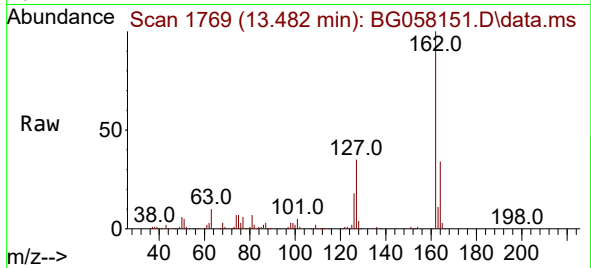




#44
2-Chloronaphthalene
Concen: 20.675 ng/ul
RT: 13.482 min Scan# 1769
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

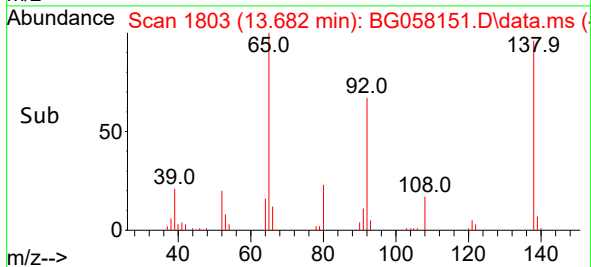
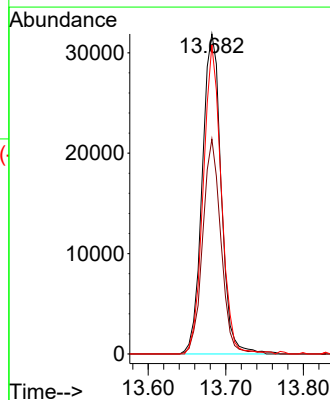
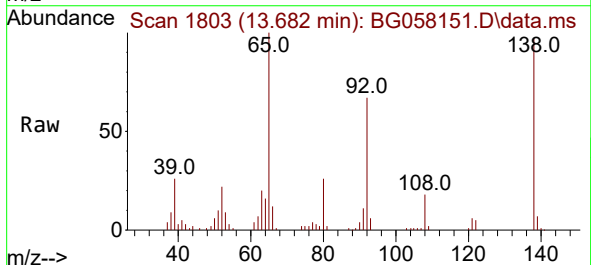
Instrument :
BNA_P
ClientSampleId :
SSTD020507

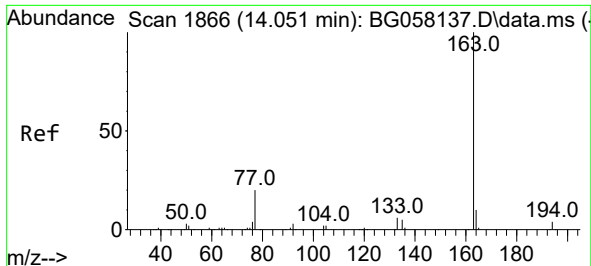
Tgt Ion:162 Resp: 160481
Ion Ratio Lower Upper
162 100
164 33.9 27.7 41.5
127 35.3 30.9 46.3



#45
2-Nitroaniline
Concen: 20.075 ng/ul
RT: 13.682 min Scan# 1803
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion: 65 Resp: 54176
Ion Ratio Lower Upper
65 100
92 67.1 53.2 79.8
138 96.6 71.1 106.7

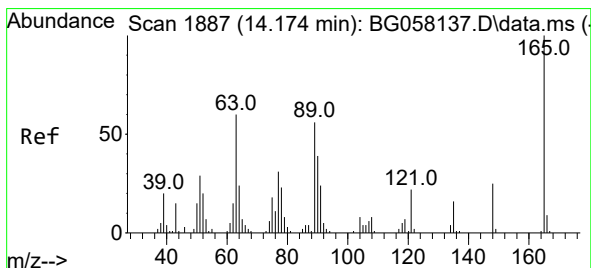
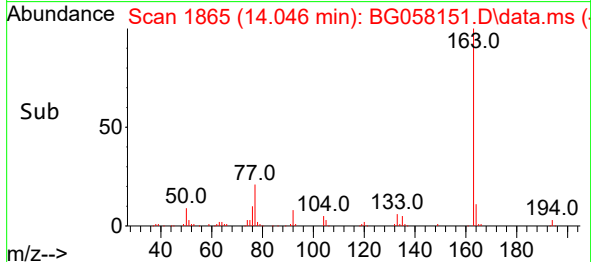
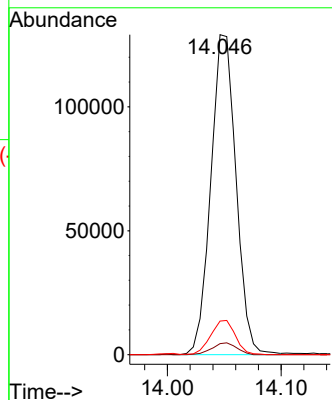
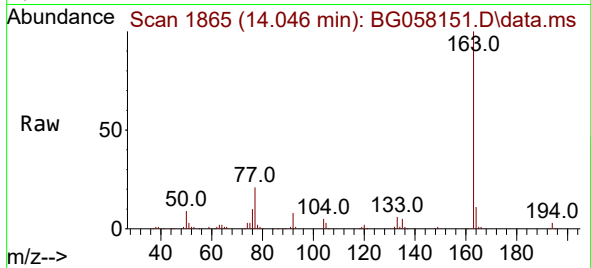




#47
Dimethylphthalate
Concen: 18.733 ng/ul
RT: 14.046 min Scan# 1865
Delta R.T. -0.005 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

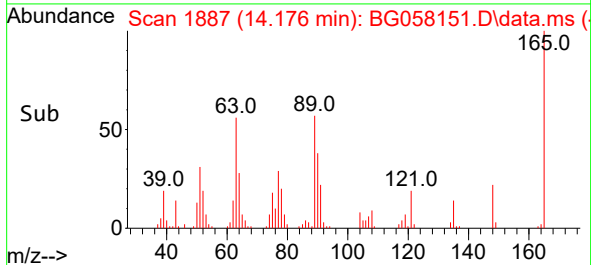
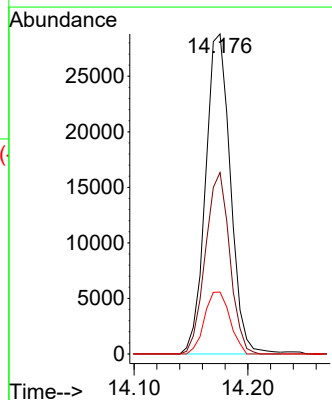
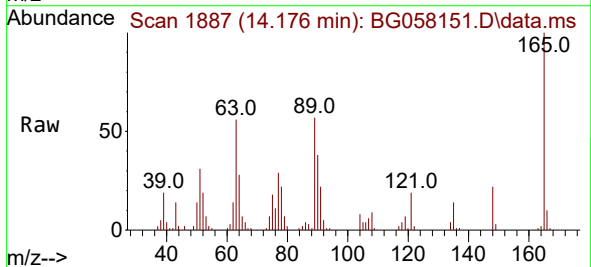
Instrument :
BNA_P
ClientSampleId :
SSTD020507

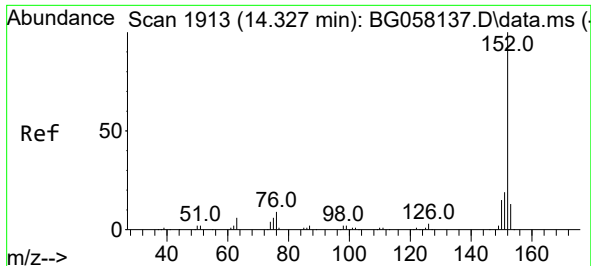
Tgt Ion:163 Resp: 199293
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.5 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 20.043 ng/ul
RT: 14.176 min Scan# 1887
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:165 Resp: 43768
Ion Ratio Lower Upper
165 100
89 56.7 42.7 64.1
121 19.3 14.8 22.2

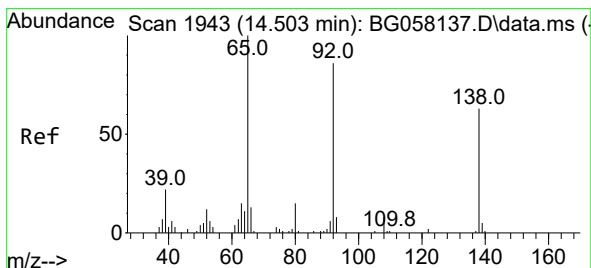
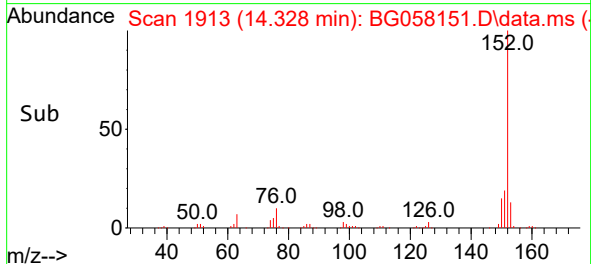
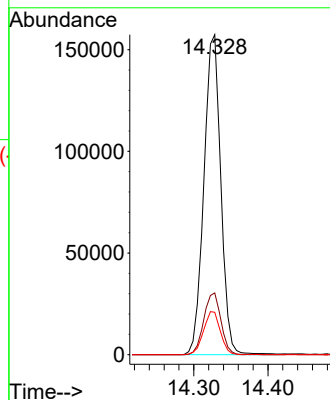
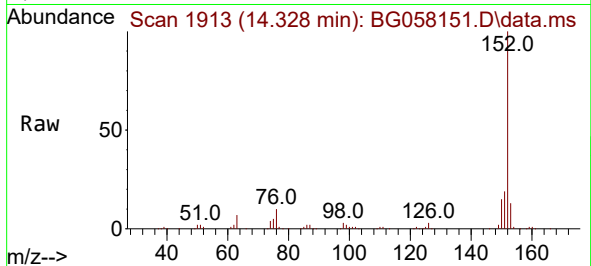




#50
Acenaphthylene
Concen: 19.971 ng/ul
RT: 14.328 min Scan# 1913
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

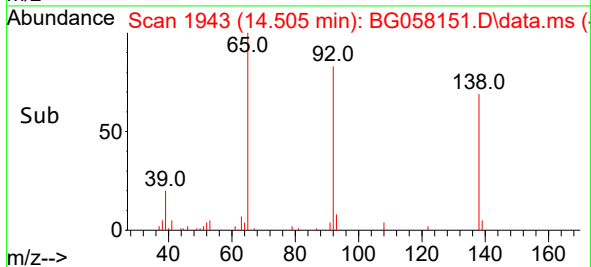
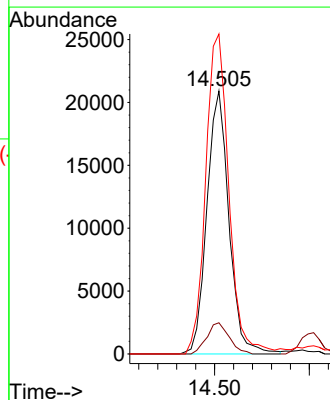
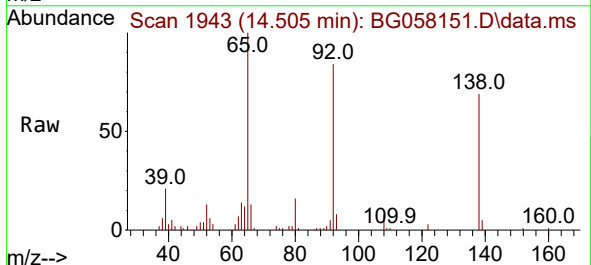
Instrument :
BNA_P
ClientSampleId :
SSTD020507

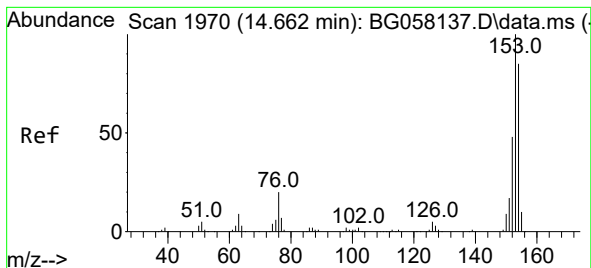
Tgt Ion:152 Resp: 249194
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 13.3 10.5 15.7



#51
3-Nitroaniline
Concen: 18.291 ng/ul
RT: 14.505 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:138 Resp: 33755
Ion Ratio Lower Upper
138 100
108 11.9 8.2 12.2
92 121.7 100.2 150.4





#52

Acenaphthene

Concen: 19.893 ng/ul

RT: 14.663 min Scan# 1970

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Instrument :

BNA_P

ClientSampleId :

SSTD020507

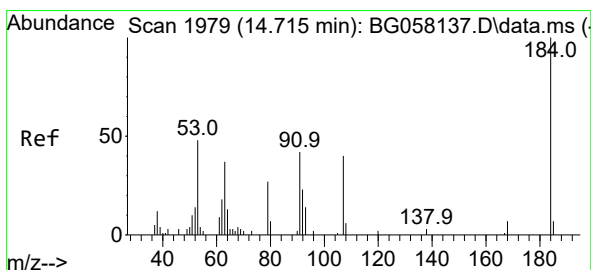
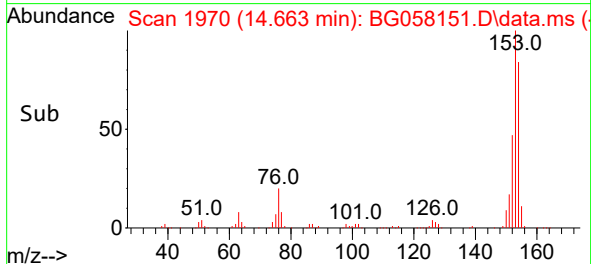
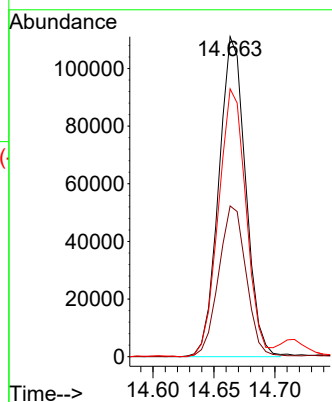
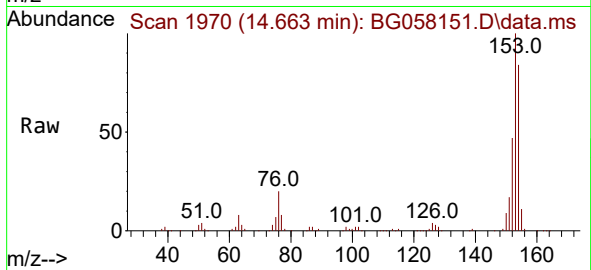
Tgt Ion:153 Resp: 170329

Ion Ratio Lower Upper

153 100

152 47.1 36.5 54.7

154 83.7 70.5 105.7



#53

2,4-Dinitrophenol

Concen: 13.928 ng/ul

RT: 14.716 min Scan# 1979

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

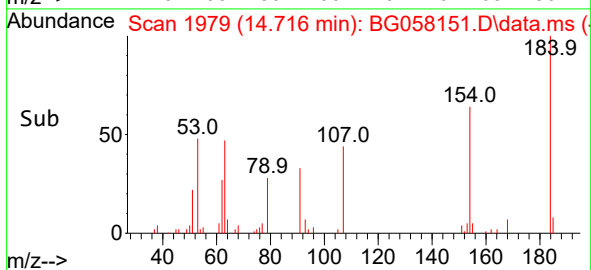
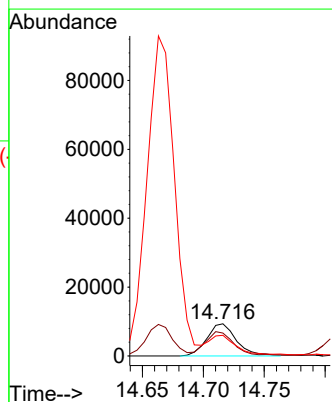
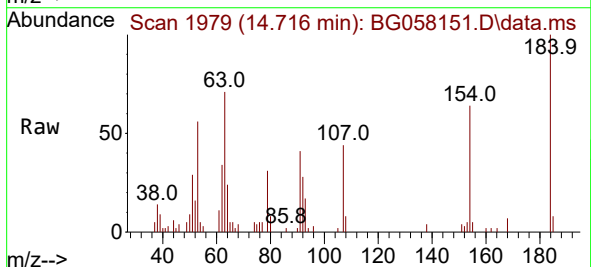
Tgt Ion:184 Resp: 15856

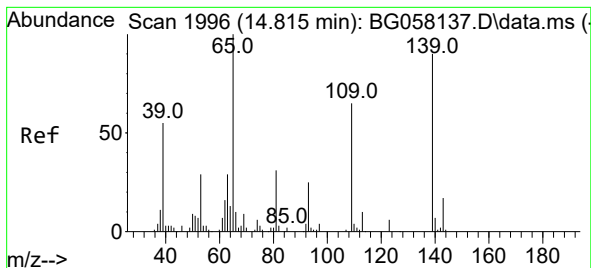
Ion Ratio Lower Upper

184 100

63 71.1 51.1 76.7

154 64.0 43.3 64.9

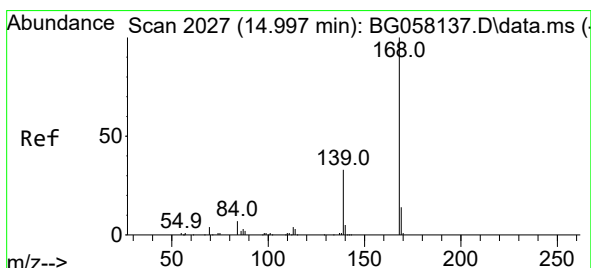
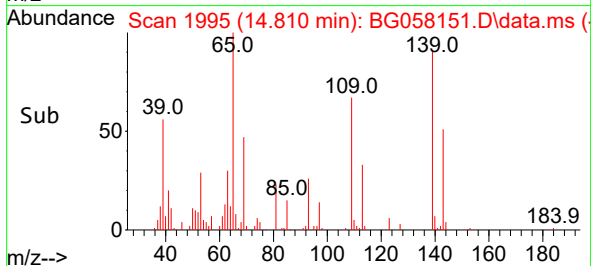
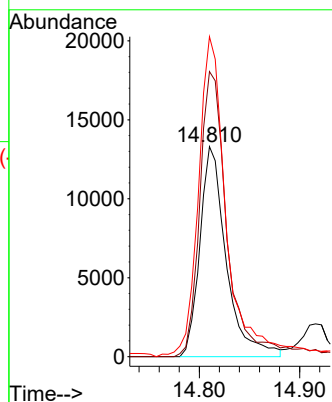
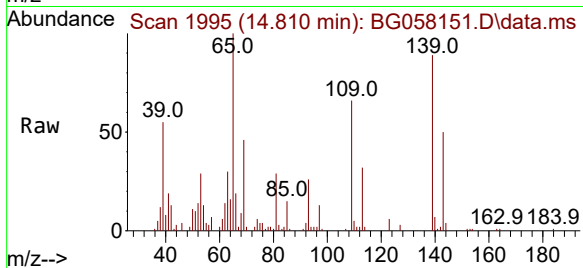




#55
4-Nitrophenol
Concen: 17.546 ng/ul
RT: 14.810 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

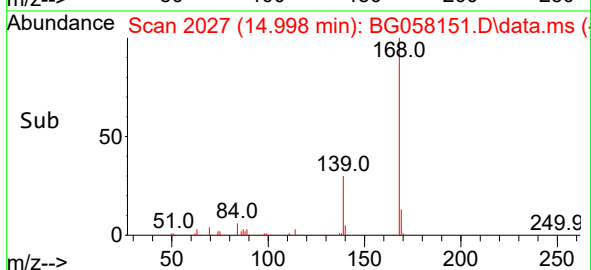
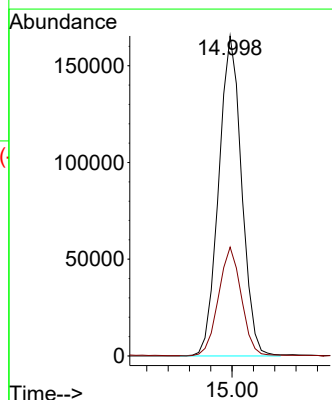
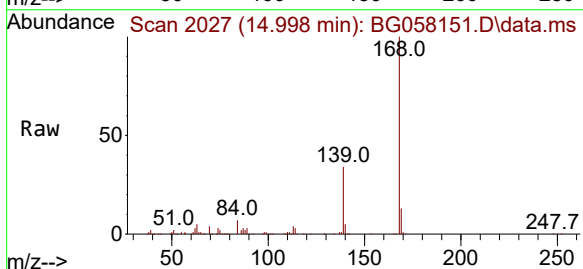
Instrument :
BNA_P
ClientSampleId :
SSTD020507

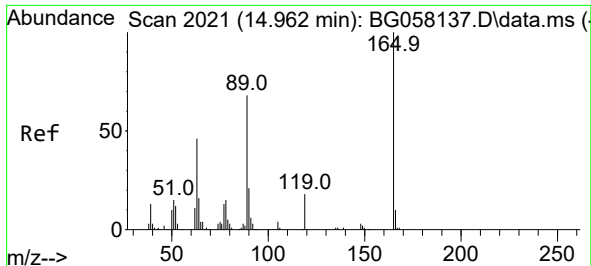
Tgt Ion:109 Resp: 24317
Ion Ratio Lower Upper
109 100
139 135.8 119.0 178.4
65 152.4 135.5 203.3



#56
Dibenzofuran
Concen: 20.272 ng/ul
RT: 14.998 min Scan# 2027
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:168 Resp: 246747
Ion Ratio Lower Upper
168 100
139 34.0 27.6 41.4

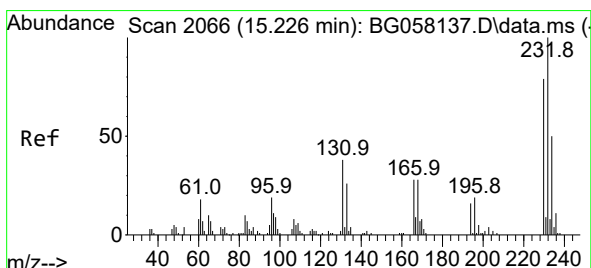
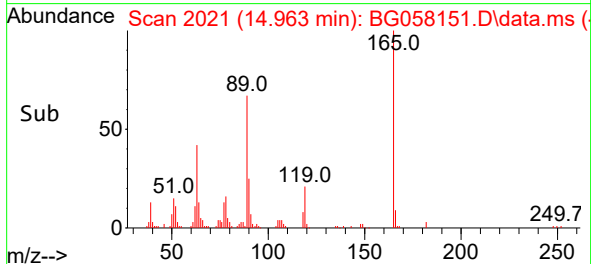
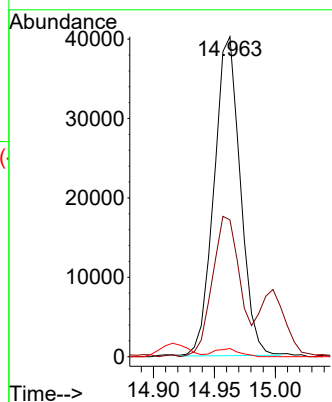
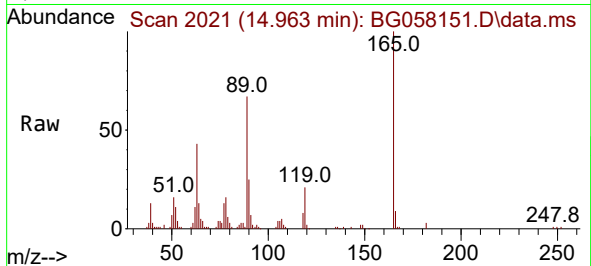




#57
2,4-Dinitrotoluene
Concen: 19.464 ng/ul
RT: 14.963 min Scan# 2021
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

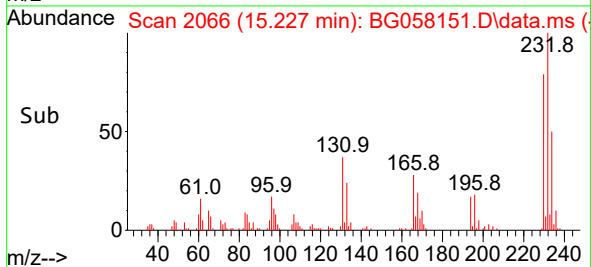
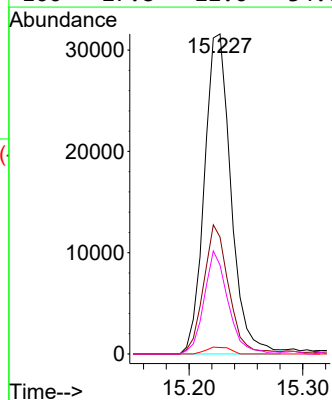
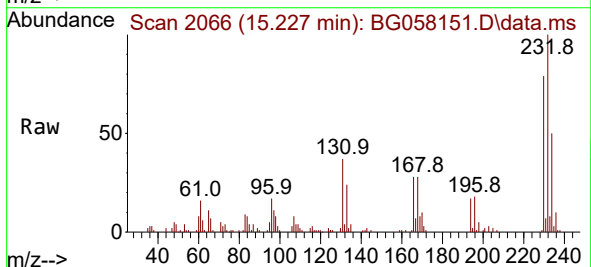
Instrument :
BNA_P
ClientSampleId :
SSTD020507

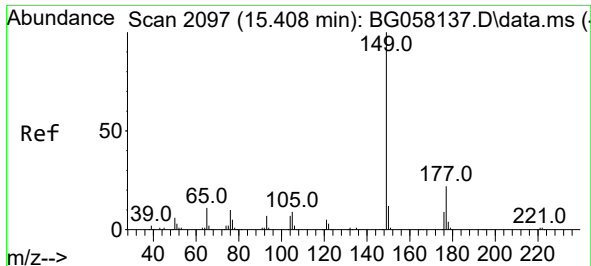
Tgt Ion:165 Resp: 60221
Ion Ratio Lower Upper
165 100
63 42.7 35.8 53.8
182 2.6 1.6 2.4#



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.815 ng/ul
RT: 15.227 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:232 Resp: 51346
Ion Ratio Lower Upper
232 100
131 36.5 30.5 45.7
130 2.0 1.4 2.0
166 27.8 22.6 34.0

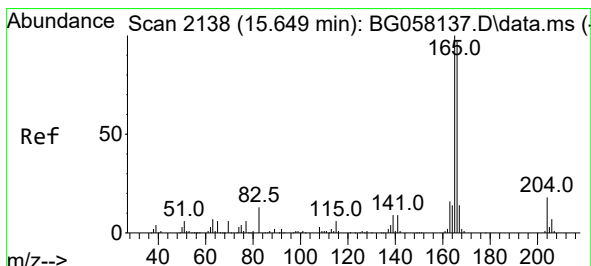
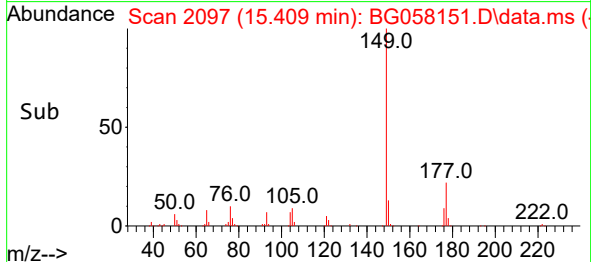
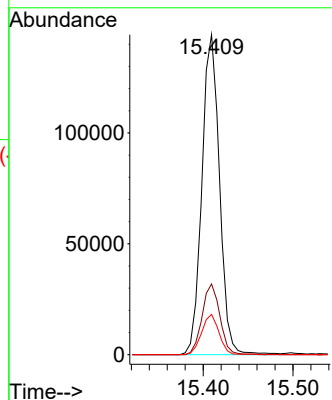
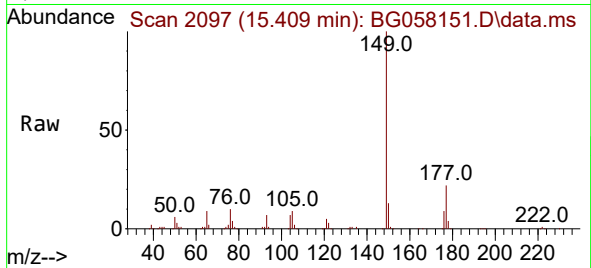




#59
Diethylphthalate
Concen: 17.725 ng/ul
RT: 15.409 min Scan# 2097
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

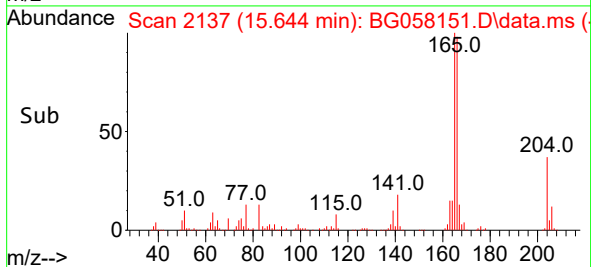
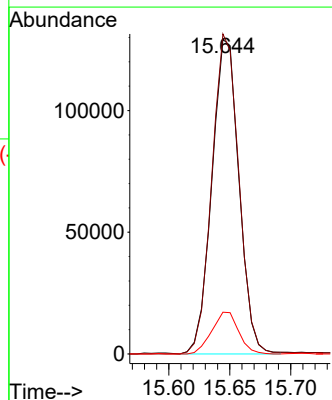
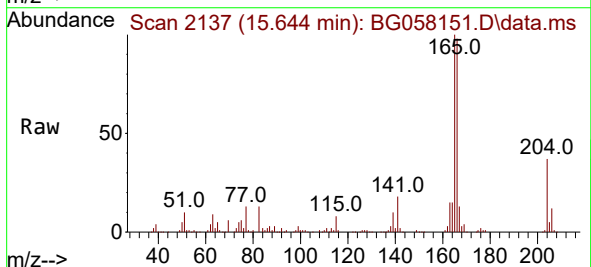
Instrument :
BNA_P
ClientSampleId :
SSTD020507

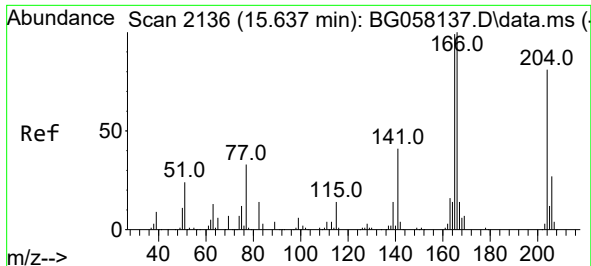
Tgt Ion:149 Resp: 196811
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 12.6 10.1 15.1



#61
Fluorene
Concen: 20.056 ng/ul
RT: 15.644 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:166 Resp: 200298
Ion Ratio Lower Upper
166 100
165 101.7 79.1 118.7
167 13.3 10.7 16.1

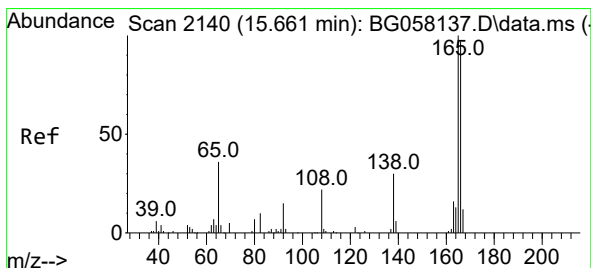
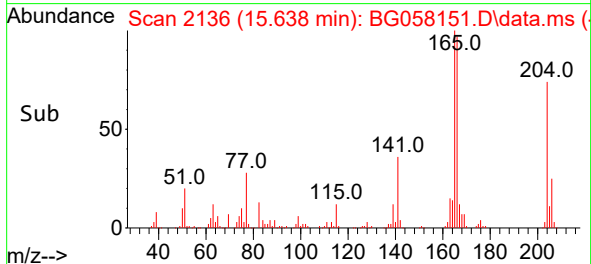
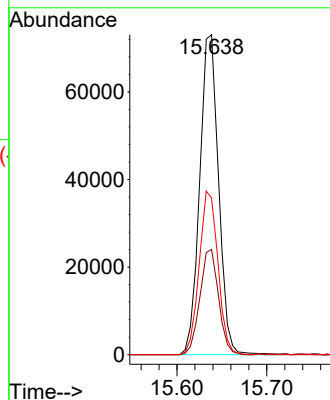
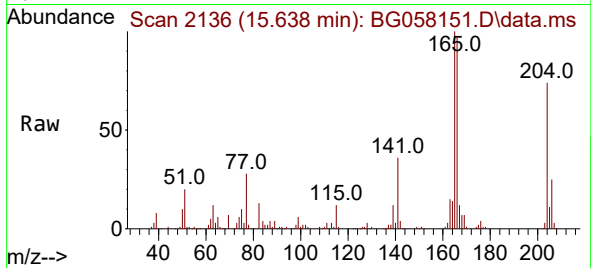




#62
4-Chlorophenyl-phenylether
Concen: 20.182 ng/ul
RT: 15.638 min Scan# 2136
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

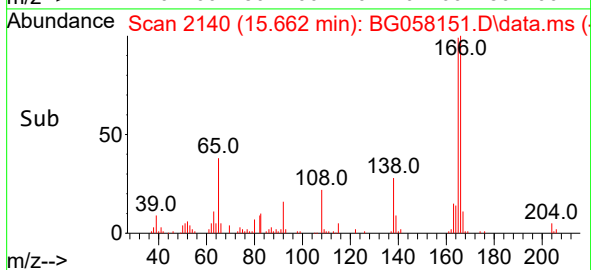
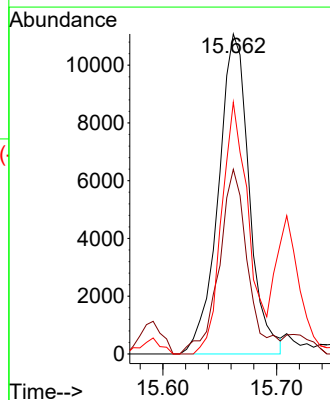
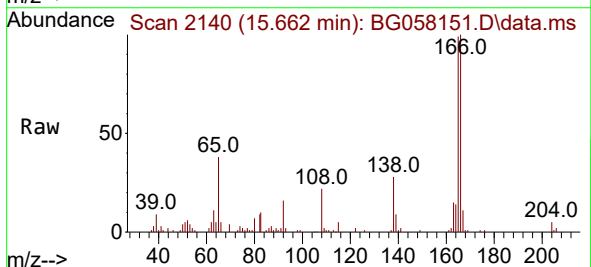
Instrument :
BNA_P
ClientSampleId :
SSTD020507

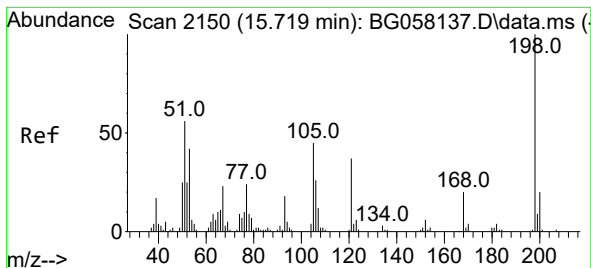
Tgt Ion:204 Resp: 106646
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 48.9 41.8 62.6



#63
4-Nitroaniline
Concen: 12.645 ng/ul
RT: 15.662 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:138 Resp: 20904
Ion Ratio Lower Upper
138 100
92 57.7 43.8 65.8
108 78.6 58.8 88.2

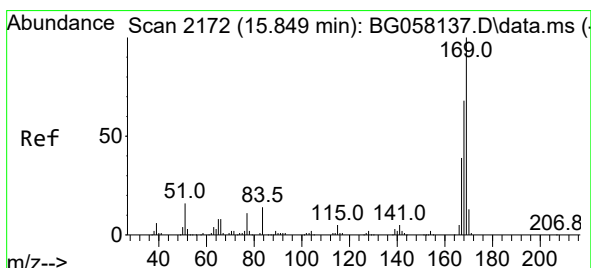
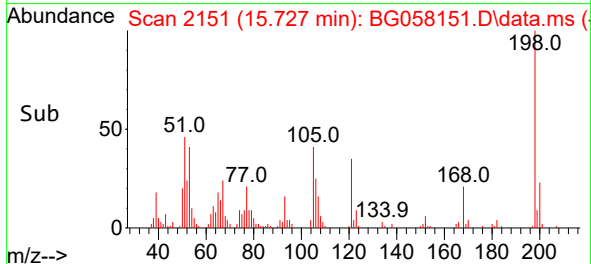
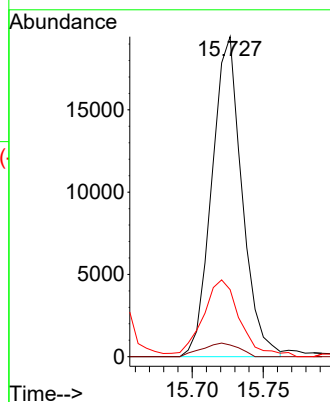
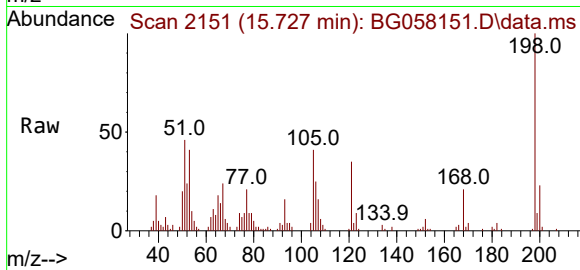




#66
4,6-Dinitro-2-methylphenol
Concen: 16.594 ng/ul
RT: 15.727 min Scan# 2151
Delta R.T. 0.007 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

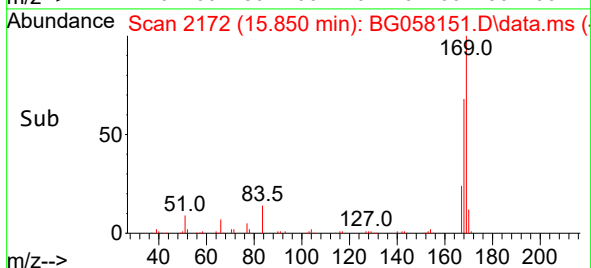
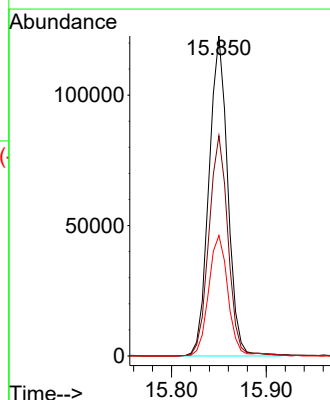
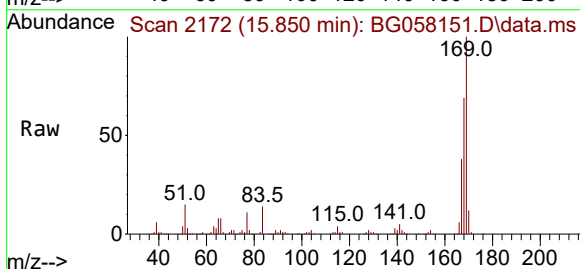
Instrument :
BNA_P
ClientSampleId :
SSTD020507

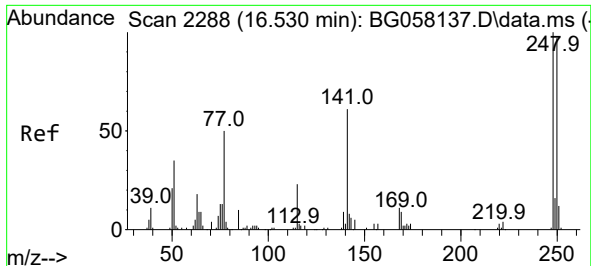
Tgt Ion:198 Resp: 28620
Ion Ratio Lower Upper
198 100
182 3.7 3.1 4.7
77 20.9 17.9 26.9



#67
N-Nitrosodiphenylamine
Concen: 20.441 ng/ul
RT: 15.850 min Scan# 2172
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:169 Resp: 168966
Ion Ratio Lower Upper
169 100
168 68.8 54.2 81.2
167 37.7 30.8 46.2

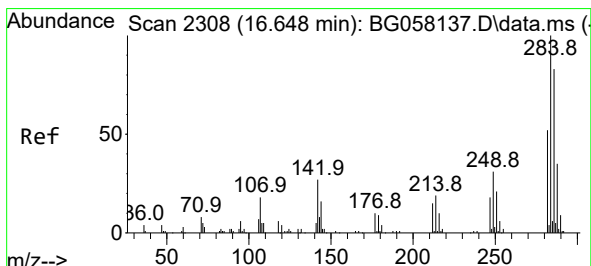
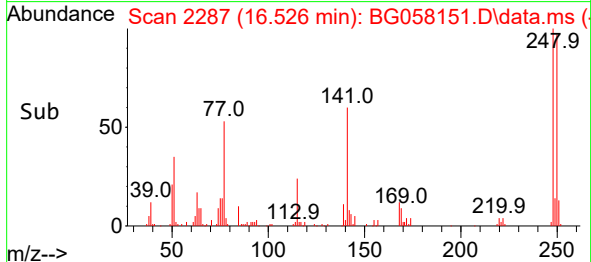
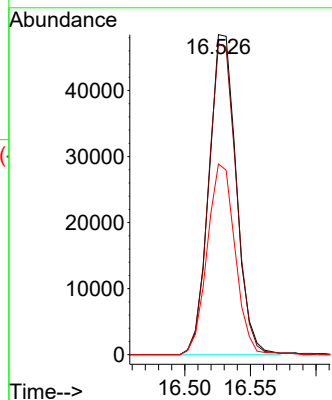
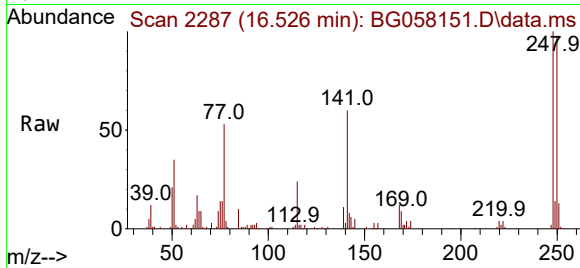




#68
4-Bromophenyl-phenylether
Concen: 20.587 ng/ul
RT: 16.526 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

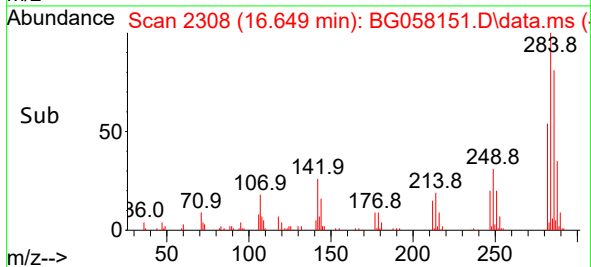
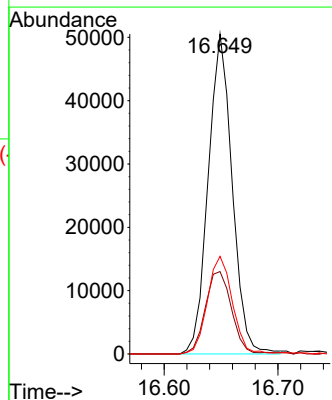
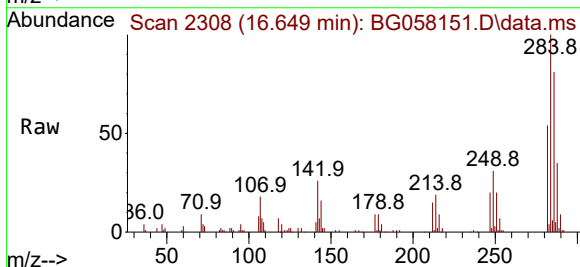
Instrument :
BNA_P
ClientSampleId :
SSTD020507

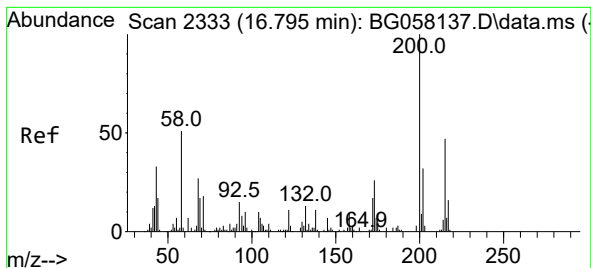
Tgt Ion:248 Resp: 70189
Ion Ratio Lower Upper
248 100
250 97.2 78.3 117.5
141 59.6 49.1 73.7



#69
Hexachlorobenzene
Concen: 19.408 ng/ul
RT: 16.649 min Scan# 2308
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:284 Resp: 74085
Ion Ratio Lower Upper
284 100
142 25.7 21.9 32.9
249 30.5 25.0 37.6





#70

Atrazine

Concen: 18.106 ng/ul

RT: 16.796 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Instrument :

BNA_P

ClientSampleId :

SSTD020507

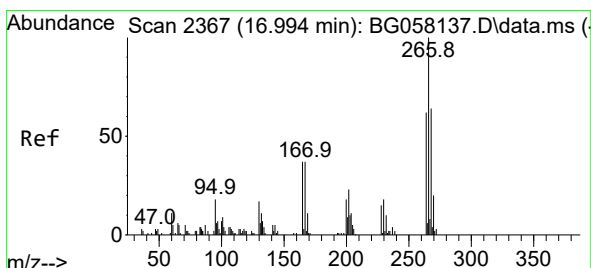
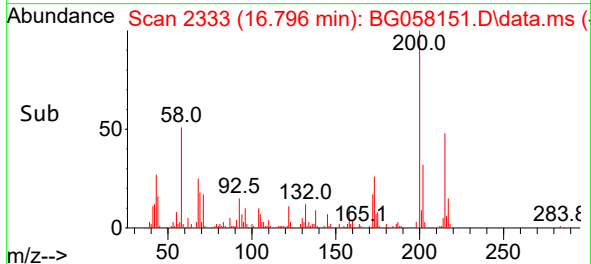
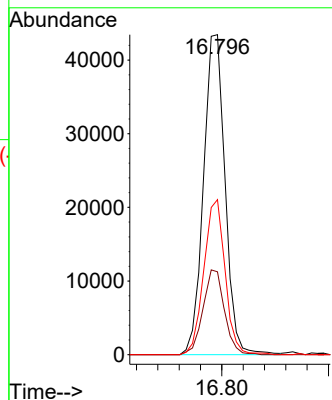
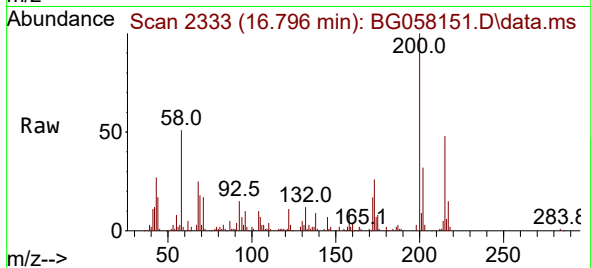
Tgt Ion:200 Resp: 61203

Ion Ratio Lower Upper

200 100

173 25.9 20.0 30.0

215 48.5 35.8 53.8



#71

Pentachlorophenol

Concen: 15.313 ng/ul

RT: 16.996 min Scan# 2367

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

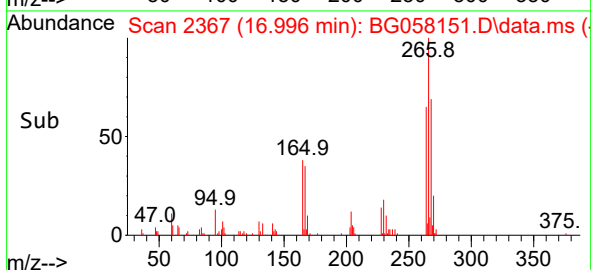
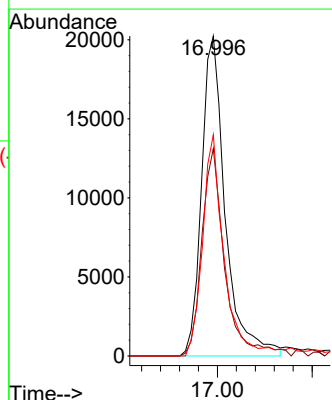
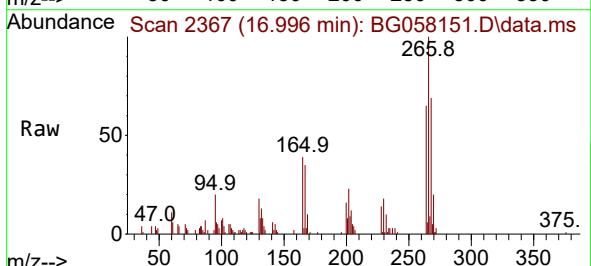
Tgt Ion:266 Resp: 35091

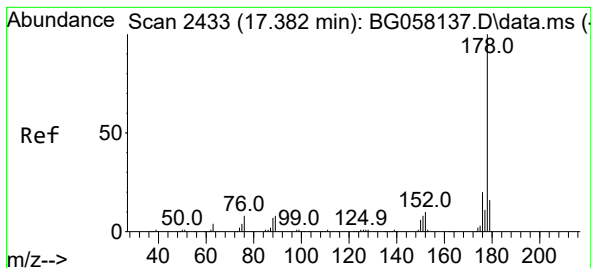
Ion Ratio Lower Upper

266 100

264 64.8 51.5 77.3

268 69.1 49.0 73.4





#72

Phenanthrene

Concen: 19.964 ng/ul

RT: 17.384 min Scan# 2433

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Instrument :

BNA_P

ClientSampleId :

SSTD020507

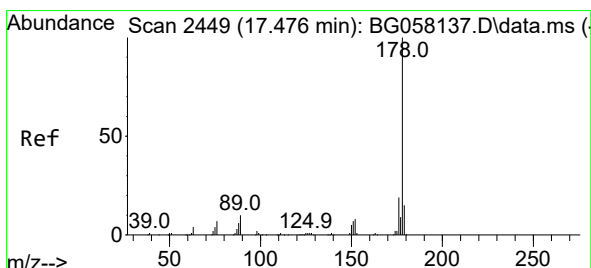
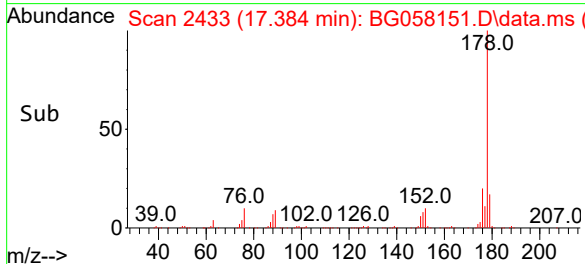
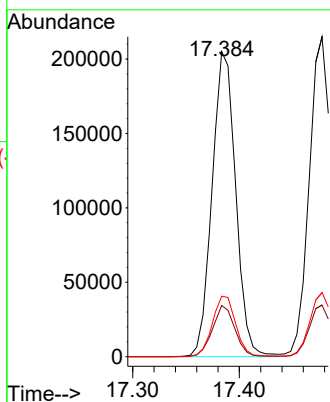
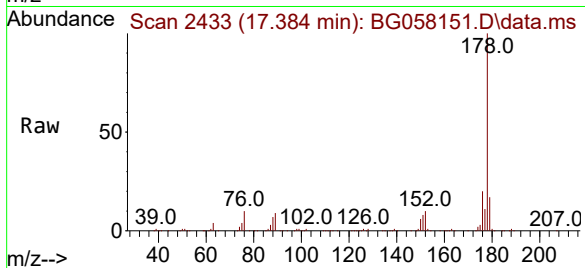
Tgt Ion:178 Resp: 315418

Ion Ratio Lower Upper

178 100

179 16.8 12.8 19.2

176 19.8 15.7 23.5



#74

Anthracene

Concen: 19.615 ng/ul

RT: 17.477 min Scan# 2449

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

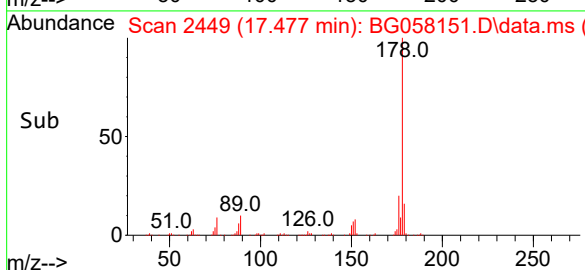
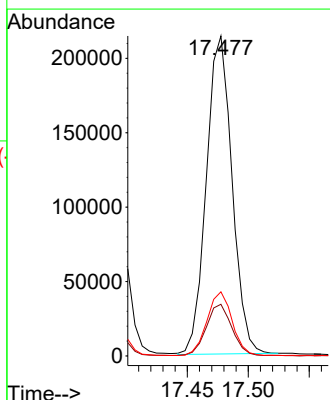
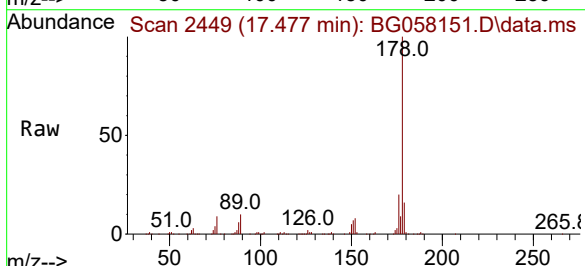
Tgt Ion:178 Resp: 313612

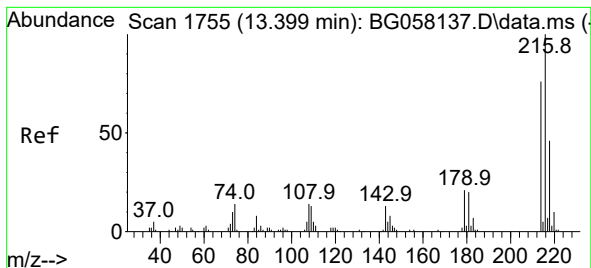
Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

176 20.1 15.4 23.2

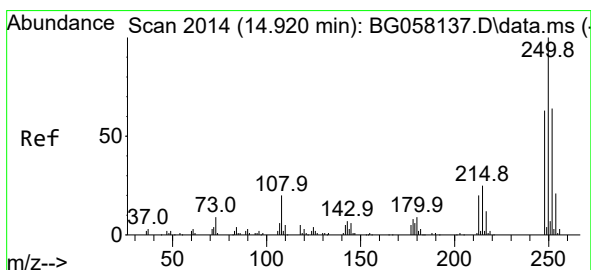
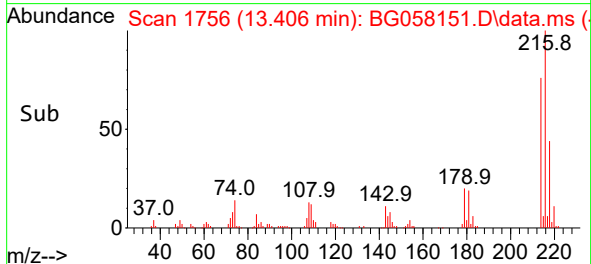
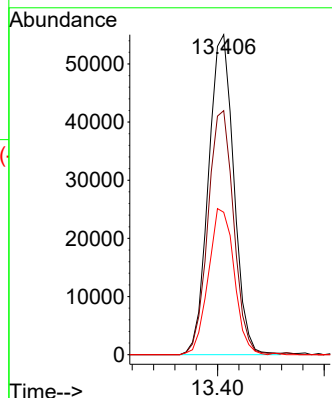
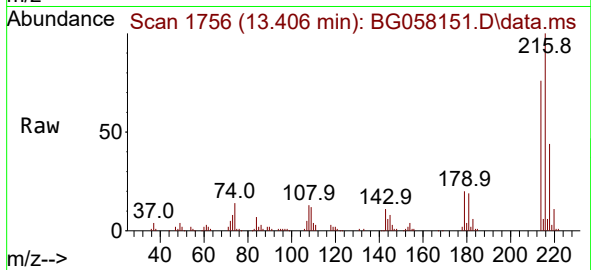




#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.023 ng/uL
RT: 13.406 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

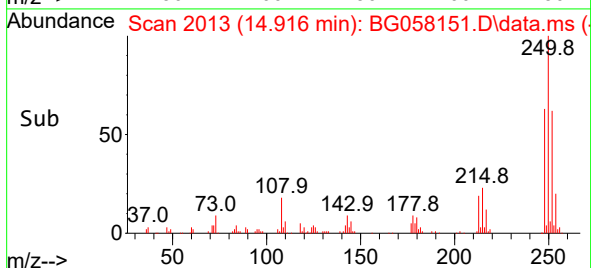
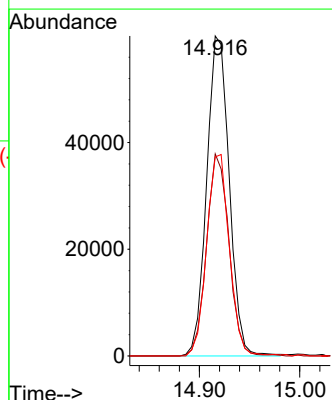
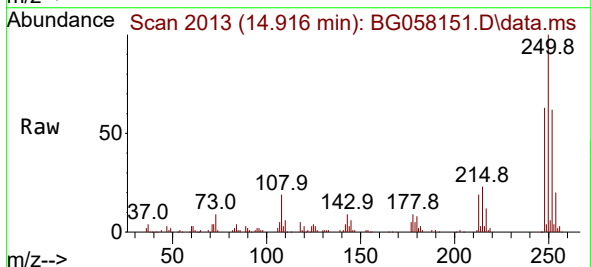
Instrument :
BNA_P
ClientSampleId :
SSTD020507

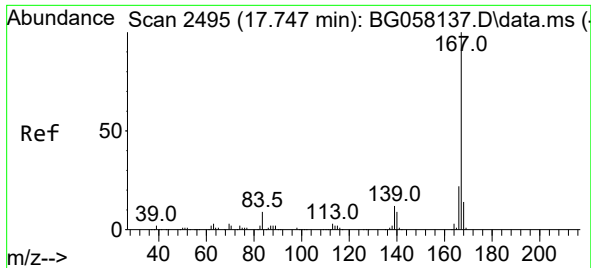
Tgt Ion:216 Resp: 90720
Ion Ratio Lower Upper
216 100
214 76.2 64.8 97.2
218 44.5 39.1 58.7



#76
Pentachlorobenzene
Concen: 21.336 ng/uL
RT: 14.916 min Scan# 2013
Delta R.T. -0.005 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:250 Resp: 93865
Ion Ratio Lower Upper
250 100
248 63.2 52.8 79.2
252 62.2 52.4 78.6

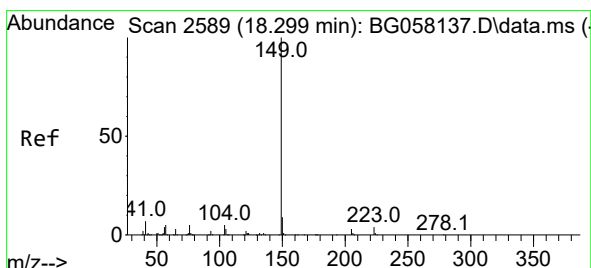
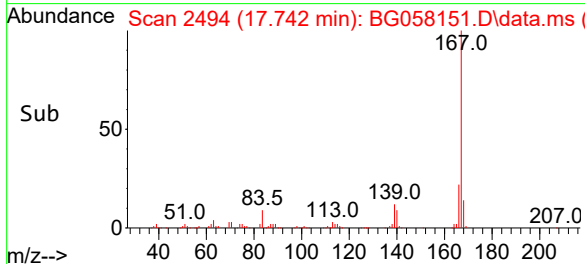
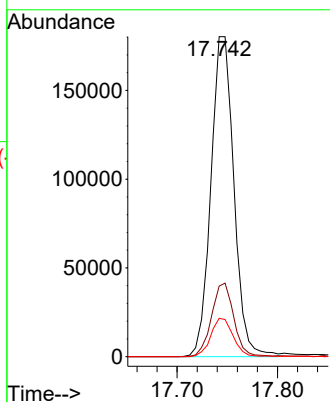
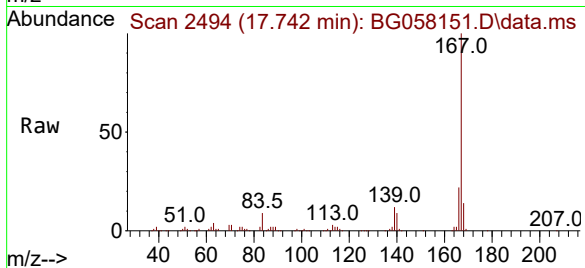




#77
 Carbazole
 Concen: 19.875 ng/ul
 RT: 17.742 min Scan# 2495
 Delta R.T. -0.005 min
 Lab File: BG058151.D
 Acq: 10 Jul 2023 21:15

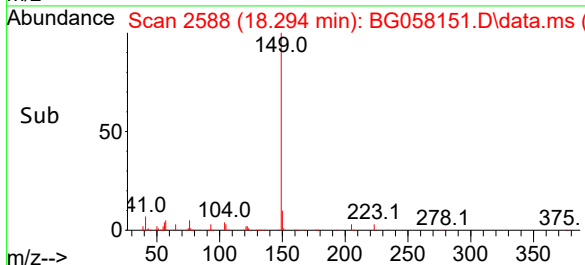
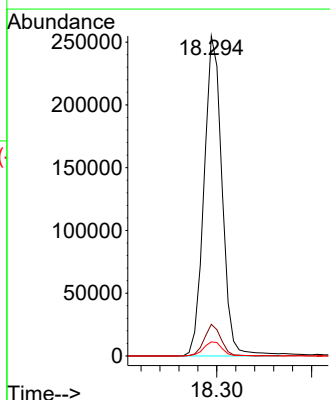
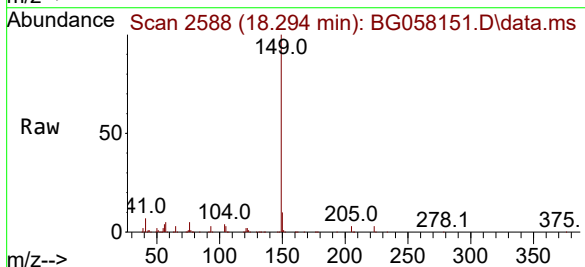
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020507

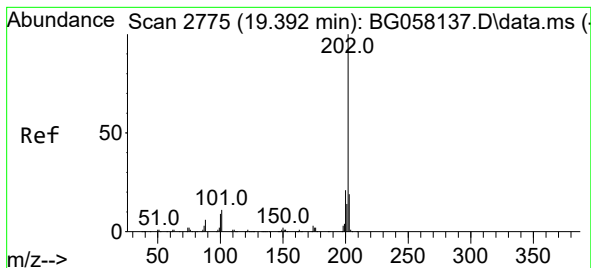
Tgt Ion:167 Resp: 287391
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 12.0 9.5 14.3



#78
 Di-n-butylphthalate
 Concen: 18.258 ng/ul
 RT: 18.294 min Scan# 2588
 Delta R.T. -0.005 min
 Lab File: BG058151.D
 Acq: 10 Jul 2023 21:15

Tgt Ion:149 Resp: 336296
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.4 11.2
 104 4.4 3.9 5.9





#80

Fluoranthene

Concen: 18.737 ng/ul

RT: 19.393 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Instrument :

BNA_P

ClientSampleId :

SSTD020507

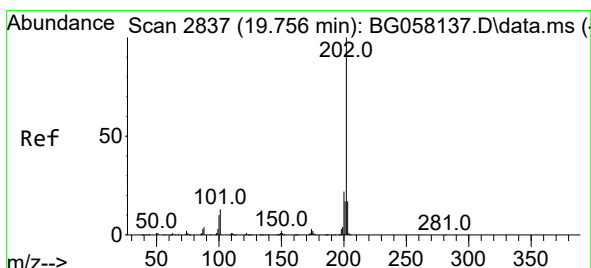
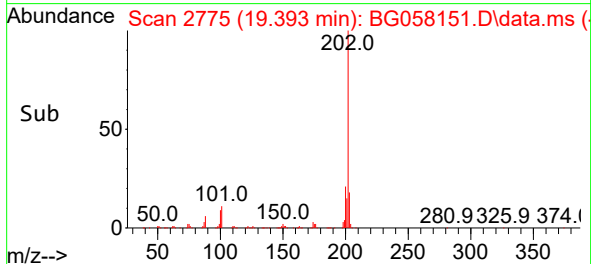
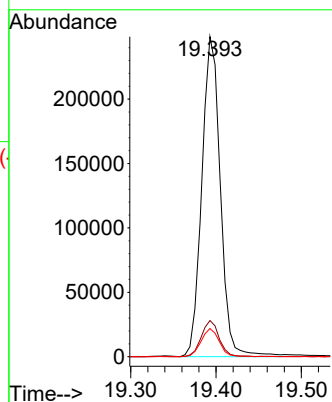
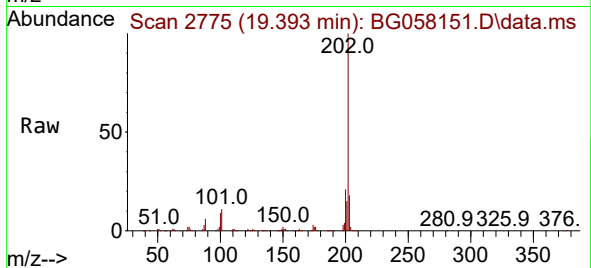
Tgt Ion:202 Resp: 375641

Ion Ratio Lower Upper

202 100

101 11.3 9.1 13.7

100 8.8 7.1 10.7



#82

Pyrene

Concen: 18.690 ng/ul

RT: 19.757 min Scan# 2837

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

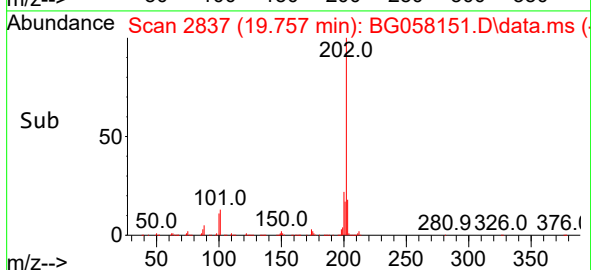
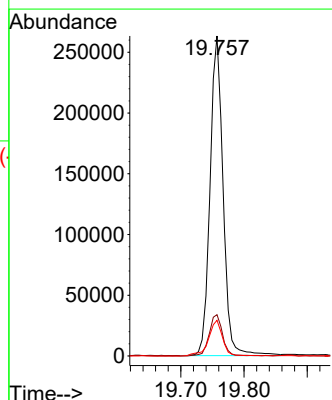
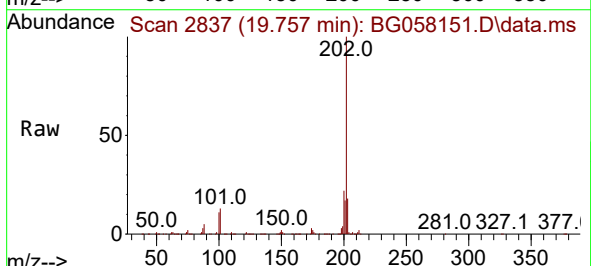
Tgt Ion:202 Resp: 377170

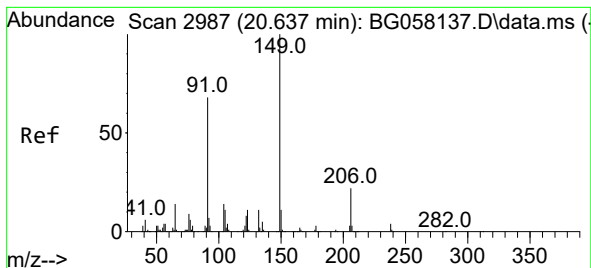
Ion Ratio Lower Upper

202 100

101 12.9 10.2 15.2

100 11.2 8.9 13.3





#83

Butylbenzylphthalate

Concen: 18.579 ng/ul

RT: 20.633 min Scan# 2987

Delta R.T. -0.005 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Instrument :

BNA_P

ClientSampleId :

SSTD020507

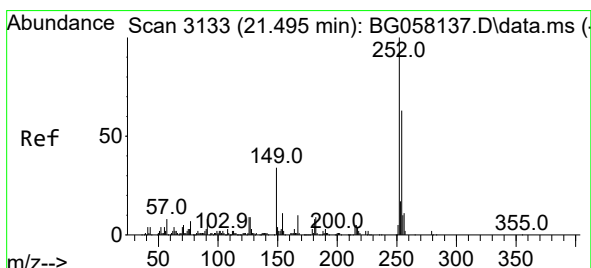
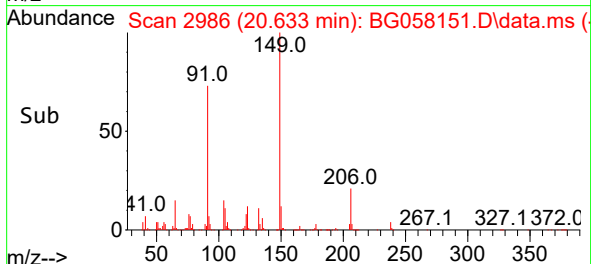
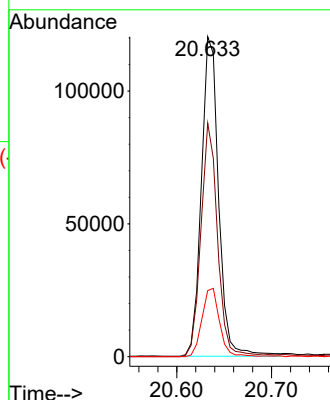
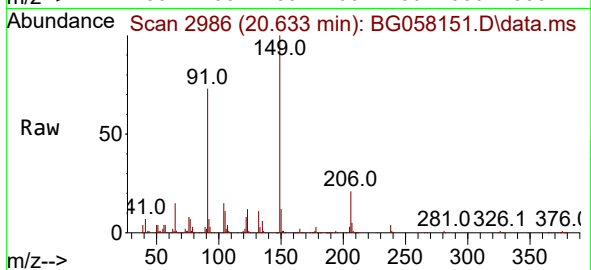
Tgt Ion:149 Resp: 152039

Ion Ratio Lower Upper

149 100

91 73.0 56.5 84.7

206 20.6 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 21.754 ng/ul

RT: 21.496 min Scan# 3133

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

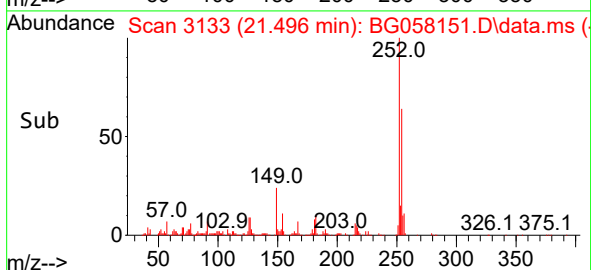
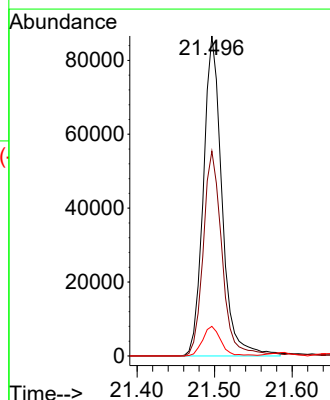
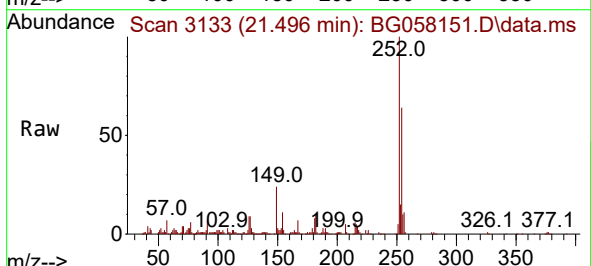
Tgt Ion:252 Resp: 144678

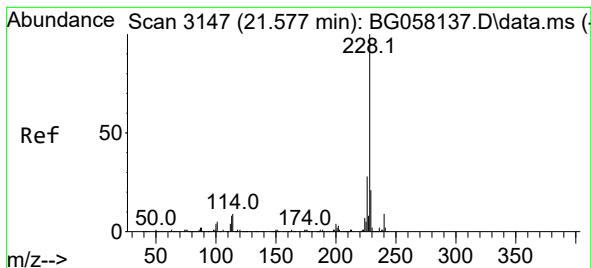
Ion Ratio Lower Upper

252 100

254 64.0 50.7 76.1

126 9.3 6.6 10.0





#85

Benzo(a)anthracene

Concen: 19.306 ng/ul

RT: 21.579 min Scan# 3147

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Instrument :

BNA_P

ClientSampleId :

SSTD020507

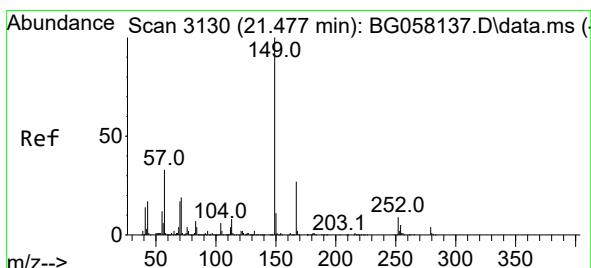
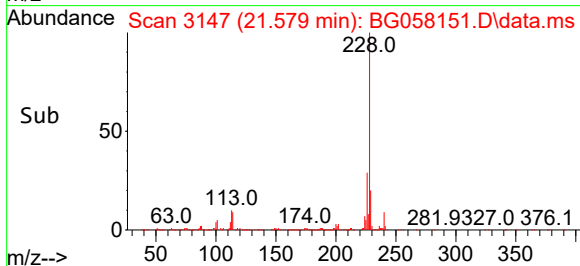
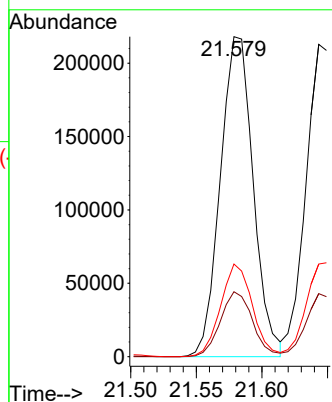
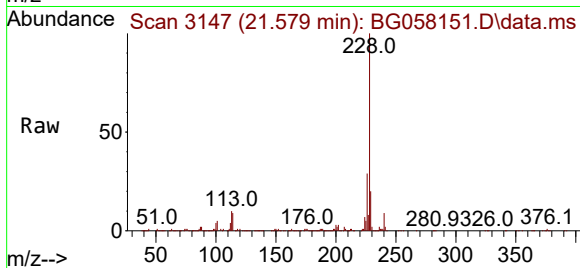
Tgt Ion:228 Resp: 380799

Ion Ratio Lower Upper

228 100

229 20.3 16.0 24.0

226 29.0 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.081 ng/ul

RT: 21.479 min Scan# 3130

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

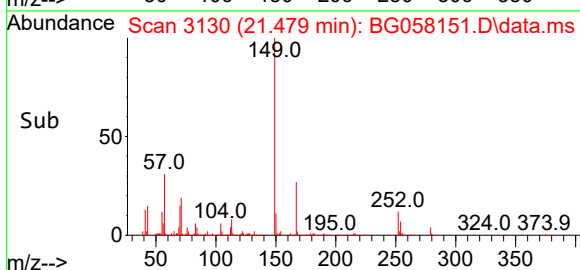
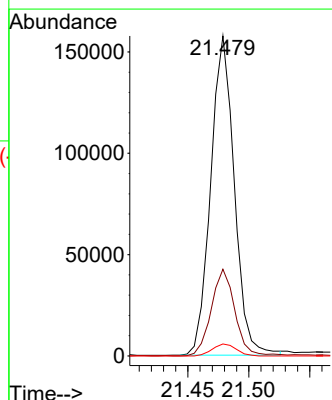
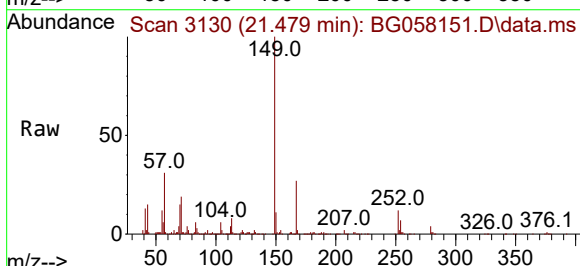
Tgt Ion:149 Resp: 212029

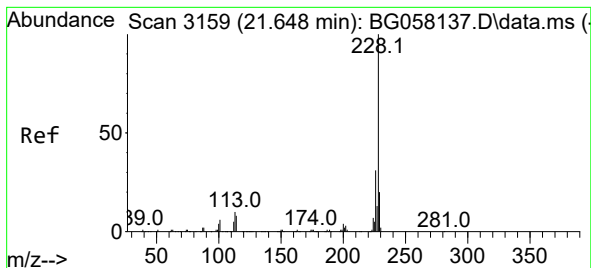
Ion Ratio Lower Upper

149 100

167 27.1 20.9 31.3

279 3.8 3.1 4.7





#87

Chrysene

Concen: 19.903 ng/ul

RT: 21.643 min Scan# 3159

Delta R.T. -0.005 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Instrument :

BNA_P

ClientSampleId :

SSTD020507

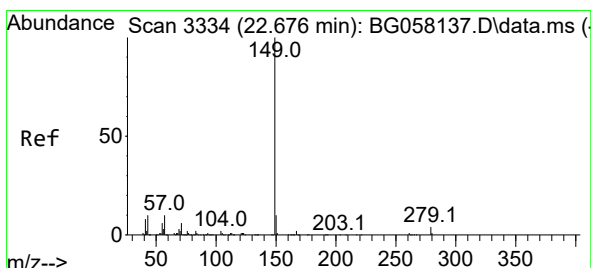
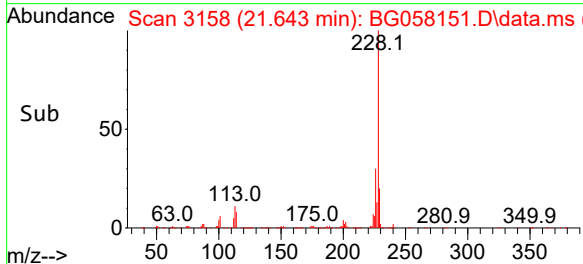
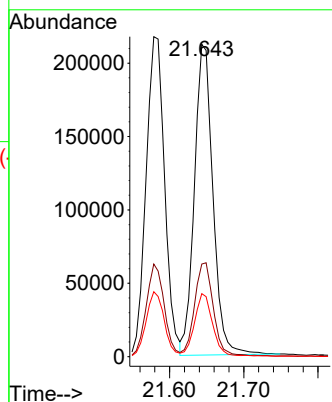
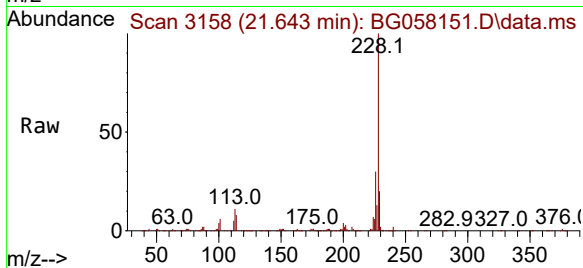
Tgt Ion:228 Resp: 368018

Ion Ratio Lower Upper

228 100

226 29.6 24.4 36.6

229 20.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 20.297 ng/ul

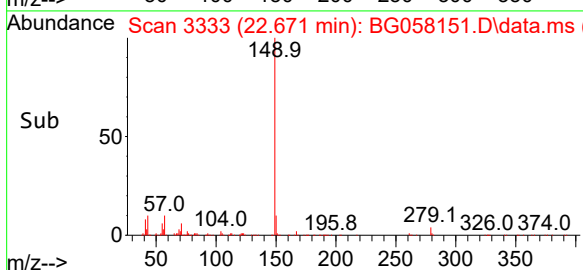
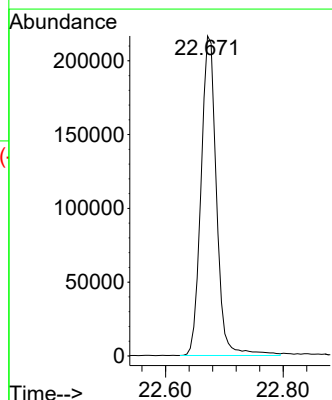
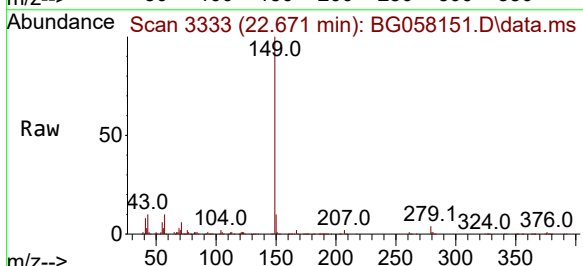
RT: 22.671 min Scan# 3333

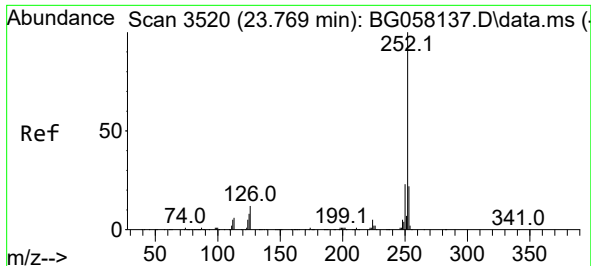
Delta R.T. -0.005 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Tgt Ion:149 Resp: 393870

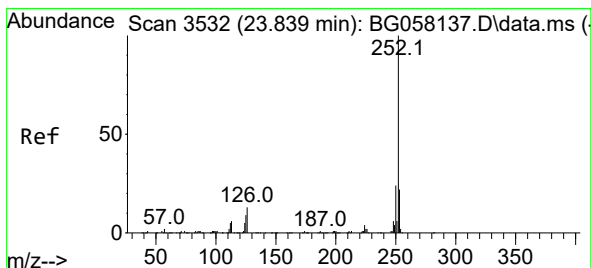
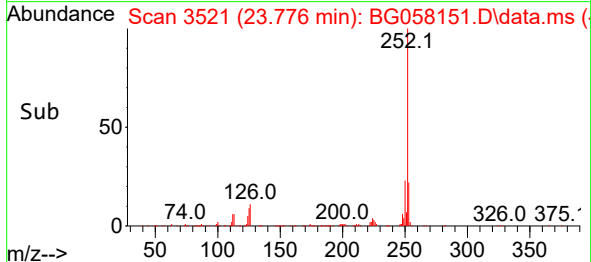
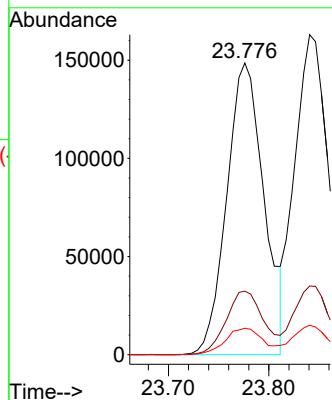
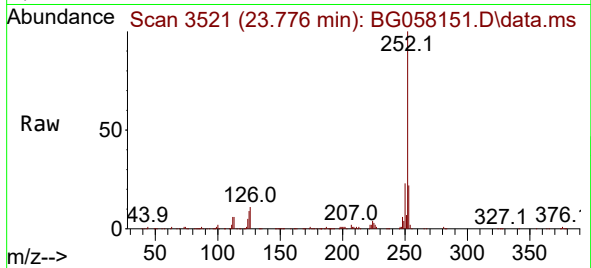




#90
Benzo(b)fluoranthene
Concen: 19.603 ng/ul
RT: 23.776 min Scan# 3520
Delta R.T. 0.007 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

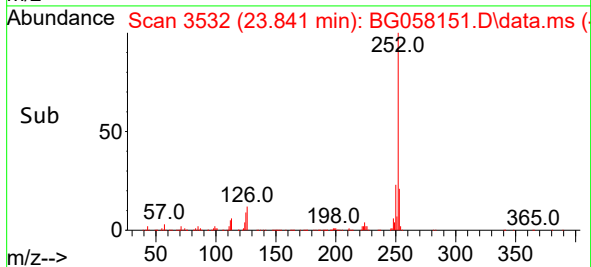
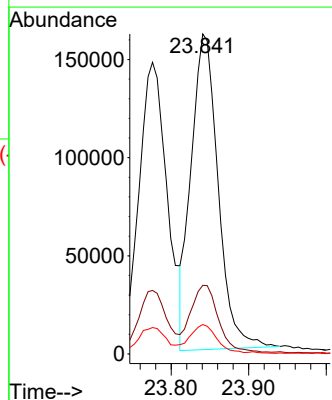
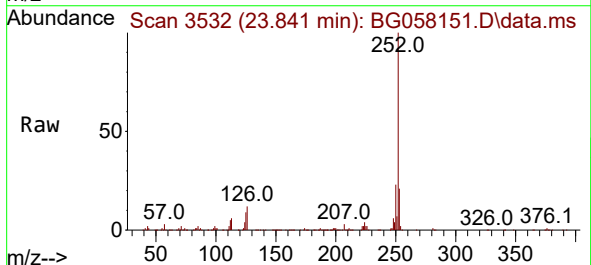
Instrument :
BNA_P
ClientSampleId :
SSTD020507

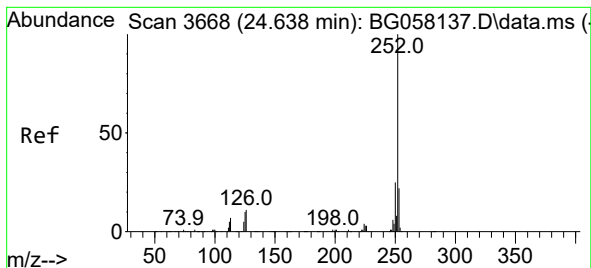
Tgt Ion:252 Resp: 383330
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 9.1 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 20.316 ng/ul
RT: 23.841 min Scan# 3532
Delta R.T. 0.001 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:252 Resp: 389395
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 9.2 7.4 11.2





#93

Benzo(a)pyrene

Concen: 20.125 ng/ul

RT: 24.640 min Scan# 3668

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

Instrument :

BNA_P

ClientSampleId :

SSTD020507

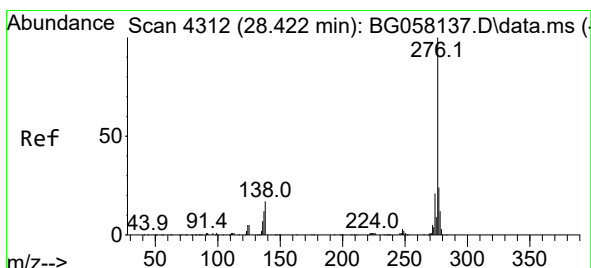
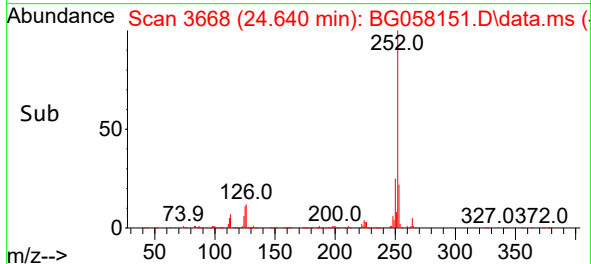
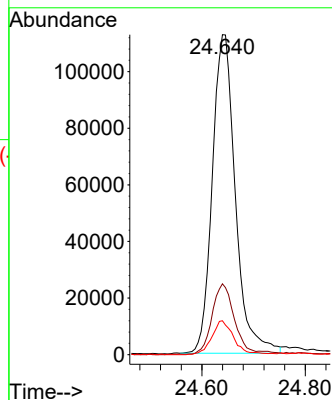
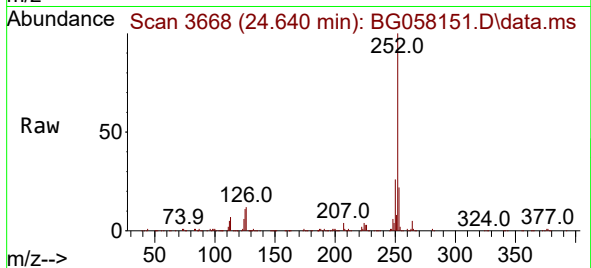
Tgt Ion:252 Resp: 348334

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.6 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.574 ng/ul

RT: 28.424 min Scan# 4312

Delta R.T. 0.001 min

Lab File: BG058151.D

Acq: 10 Jul 2023 21:15

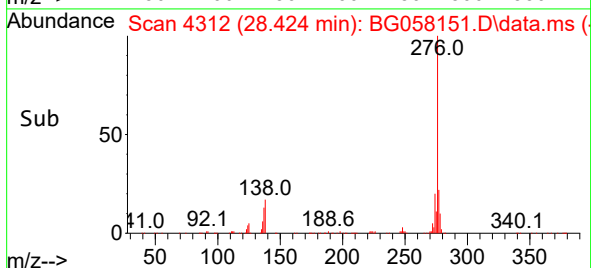
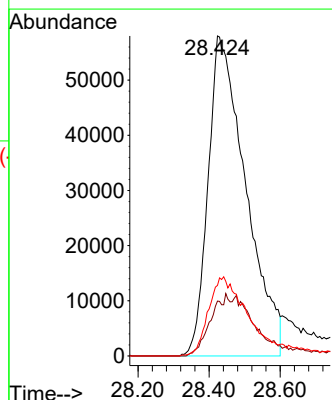
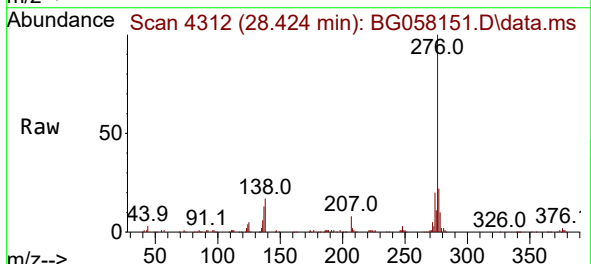
Tgt Ion:276 Resp: 426894

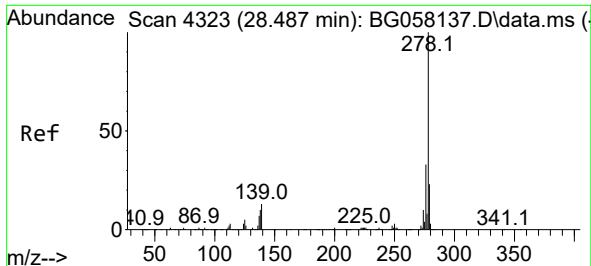
Ion Ratio Lower Upper

276 100

138 17.1 14.0 21.0

277 22.0 19.4 29.2

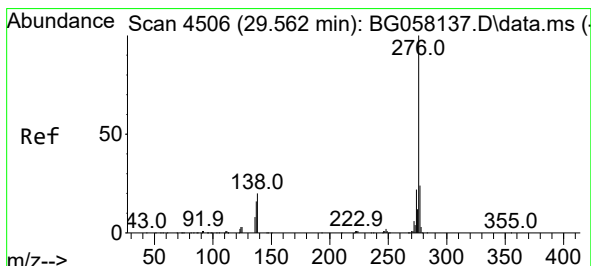
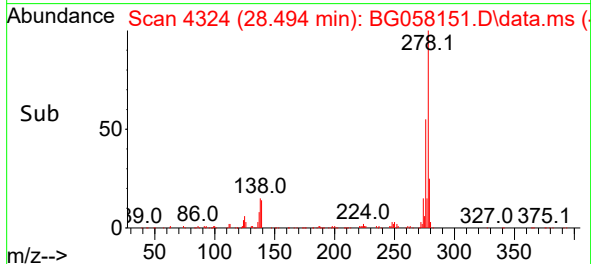
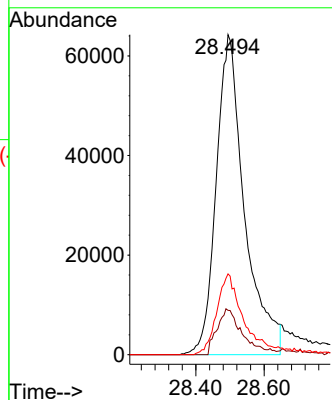
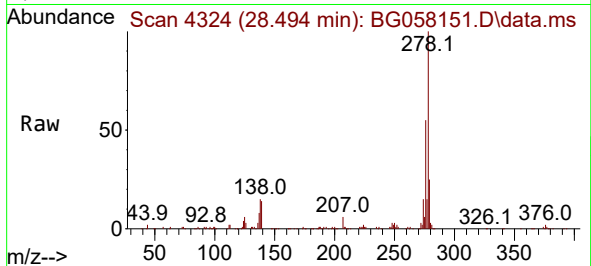




#95
Dibenzo(a,h)anthracene
Concen: 19.481 ng/ul
RT: 28.494 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Instrument :
BNA_P
ClientSampleId :
SSTD020507

Tgt Ion:278 Resp: 369209
Ion Ratio Lower Upper
278 100
139 13.9 11.3 16.9
279 25.3 18.9 28.3



#96
Benzo(g,h,i)perylene
Concen: 15.591 ng/ul
RT: 29.569 min Scan# 4507
Delta R.T. 0.007 min
Lab File: BG058151.D
Acq: 10 Jul 2023 21:15

Tgt Ion:276 Resp: 292697
Ion Ratio Lower Upper
276 100
138 18.5 14.2 21.2
277 24.1 18.6 27.8

