

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100923\
 Data File : BG059392.D
 Acq On : 9 Oct 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020593

Quant Time: Oct 09 22:44:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 22:45:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	45130	20.000	ng/u1	0.00
20) Naphthalene-d8	11.068	136	223890	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.863	164	152260	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.713	188	373799	20.000	ng/u1	0.10
79) Chrysene-d12	21.914	240	311410	20.000	ng/u1	0.00
88) Perylene-d12	25.404	264	371698	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.524	96	10946	8.648	ng/uL	0.00
4) Pyridine-d5	3.958	84	79479	21.815	ng/u1	0.00
7) Phenol-d5	7.349	99	107392	21.551	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	60378	21.437	ng/u1	0.00
11) 2-Chlorophenol-d4	7.742	132	76858	22.053	ng/u1	0.00
15) 4-Methylphenol-d8	8.917	113	84586	21.786	ng/u1	0.00
21) Nitrobenzene-d5	9.423	128	40581	21.292	ng/u1	0.00
24) 2-Nitrophenol-d4	10.145	143	45358	21.988	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.668	165	82972	22.284	ng/u1	0.00
31) 4-Chloroaniline-d4	11.215	131	124905	21.119	ng/u1	0.00
46) Dimethylphthalate-d6	14.258	166	261871	20.993	ng/u1	0.00
49) Acenaphthylene-d8	14.564	160	316440	21.317	ng/u1	0.00
54) 4-Nitrophenol-d4	15.057	143	45269	19.366	ng/u1	0.00
60) Fluorene-d10	15.850	176	240057	20.161	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.962	200	44741	18.129	ng/u1	0.00
73) Anthracene-d10	17.713	188	373711	20.380	ng/u1	0.00
81) Pyrene-d10	19.987	212	405849	21.513	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.157	264	405768	20.745	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.565	88	12389	9.169	ng/uL#	73
5) Pyridine	3.982	79	78595	21.366	ng/u1	96
6) Benzaldehyde	7.372	77	48313	23.373	ng/u1	93
8) Phenol	7.378	94	101332	20.564	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.636	93	82465	21.731	ng/u1#	84
12) 2-Chlorophenol	7.777	128	76711	20.889	ng/u1#	89
13) 2-Methylphenol	8.653	108	75712	20.562	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.735	45	168089	21.170	ng/u1	99
16) Acetophenone	9.070	105	122572	20.775	ng/u1	94
17) N-Nitroso-di-n-propyla...	9.029	70	60327	20.521	ng/u1#	86
18) 4-Methylphenol	8.988	108	82789	20.447	ng/u1	92
19) Hexachloroethane	9.305	117	28810	21.568	ng/u1#	84
22) Nitrobenzene	9.470	77	89387	21.393	ng/u1	96
23) Isophorone	9.975	82	184990	20.734	ng/u1#	99
25) 2-Nitrophenol	10.175	139	46733	21.966	ng/u1	94
26) 2,4-Dimethylphenol	10.204	107	87206	20.779	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.457	93	116635	21.754	ng/u1	96
29) 2,4-Dichlorophenol	10.698	162	83855	22.366	ng/u1	97
30) Naphthalene	11.121	128	275356	21.265	ng/u1	98
32) 4-Chloroaniline	11.238	127	118692	21.214	ng/u1	95
33) Hexachlorobutadiene	11.350	225	49893	22.040	ng/u1	94
34) Caprolactam	12.014	113	23917	17.567	ng/u1	90
35) 4-Chloro-3-methylphenol	12.319	107	83164	20.671	ng/u1	96
36) 2-Methylnaphthalene	12.707	142	184571	21.381	ng/u1	92

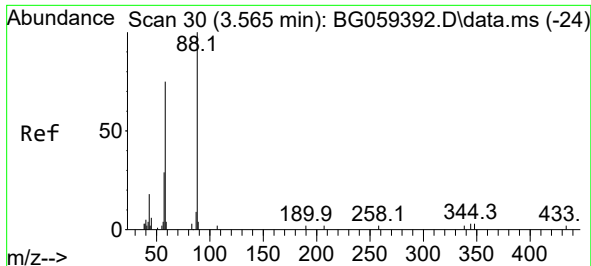
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.924	142	192212	21.445	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.048	216	98421	21.701	ng/ul#	97
40) Hexachlorocyclopentadiene	13.001	237	55950	20.549	ng/ul	87
41) 2,4,6-Trichlorophenol	13.295	196	67762	22.019	ng/ul	97
42) 2,4,5-Trichlorophenol	13.365	196	72393	21.660	ng/ul	89
43) 1,1'-Biphenyl	13.700	154	275434	21.979	ng/ul	97
44) 2-Chloronaphthalene	13.753	162	208067	21.600	ng/ul	100
45) 2-Nitroaniline	13.976	65	64937	20.587	ng/ul	94
47) Dimethylphthalate	14.305	163	262182	20.913	ng/ul	99
48) 2,6-Dinitrotoluene	14.452	165	53254	21.055	ng/ul	98
50) Acenaphthylene	14.593	152	332292	20.825	ng/ul	98
51) 3-Nitroaniline	14.793	138	53459	21.585	ng/ul	99
52) Acenaphthene	14.928	153	227749	21.095	ng/ul	97
53) 2,4-Dinitrophenol	14.993	184	28876	15.894	ng/ul	95
55) 4-Nitrophenol	15.069	109	30410	19.281	ng/ul	86
56) Dibenzofuran	15.257	168	309669	20.788	ng/ul	100
57) 2,4-Dinitrotoluene	15.228	165	76414	20.629	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.468	232	65571	20.446	ng/ul#	93
59) Diethylphthalate	15.651	149	252222	20.228	ng/ul	98
61) Fluorene	15.909	166	260987	20.591	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.886	204	133693	21.347	ng/ul	99
63) 4-Nitroaniline	15.950	138	47449	21.281	ng/ul	96
67) N-Nitrosodiphenylamine	16.109	169	213521	20.185	ng/ul	96
68) 4-Bromophenyl-phenylether	16.790	248	81585	20.554	ng/ul	98
69) Hexachlorobenzene	16.879	284	92449	20.405	ng/ul	99
70) Atrazine	17.043	200	85622	20.415	ng/ul	97
72) Phenanthrene	17.748	178	455430	20.572	ng/ul	97
74) Anthracene	17.748	178	454377	20.181	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.659	216	104295	21.476	ng/uL	95
76) Pentachlorobenzene	15.157	250	102863	20.466	ng/uL	95
77) Carbazole	18.024	167	377046	20.123	ng/ul	97
78) Di-n-butylphthalate	18.530	149	446747	20.153	ng/ul	97
80) Fluoranthene	19.652	202	500278	21.312	ng/ul	99
82) Pyrene	20.016	202	520662	21.342	ng/ul	98
83) Butylbenzylphthalate	20.868	149	191271	21.219	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.808	252	183594	23.632	ng/ul	95
85) Benzo(a)anthracene	21.896	228	498230	20.949	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.720	149	290282	21.532	ng/ul	99
87) Chrysene	21.967	228	468675	20.980	ng/ul	97
89) Di-n-octyl phthalate	23.018	149	490308	20.905	ng/ul	100
90) Benzo(b)fluoranthene	24.270	252	522998	21.355	ng/ul	98
91) Benzo(k)fluoranthene	24.346	252	516414	20.768	ng/ul	96
93) Benzo(a)pyrene	25.239	252	485923	20.830	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.423	276	562581	20.936	ng/ul	99
95) Dibenzo(a,h)anthracene	29.499	278	460394	21.070	ng/ul	97
96) Benzo(g,h,i)perylene	30.698	276	438720	20.471	ng/ul	96

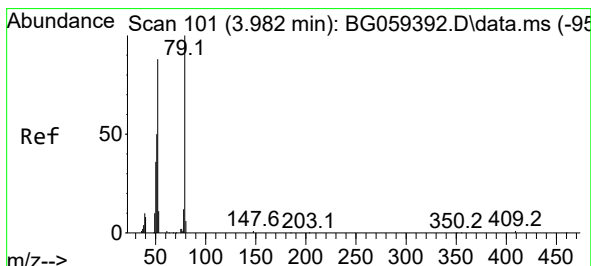
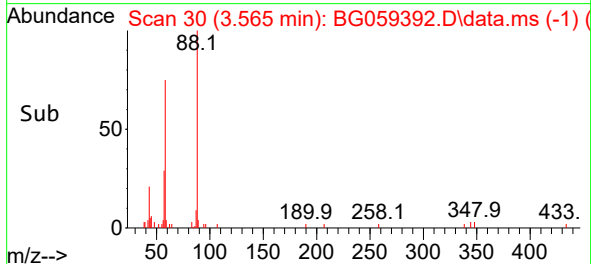
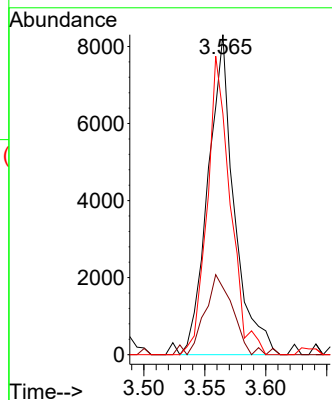
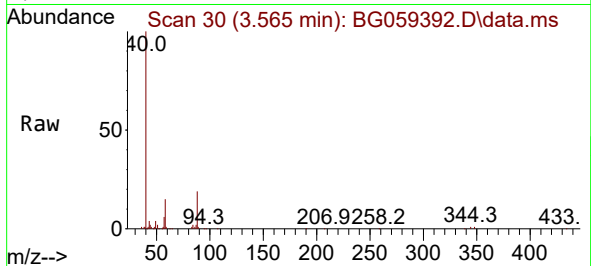
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#2
1,4-Dioxane
Concen: 9.169 ng/uL
RT: 3.565 min Scan# 30
Delta R.T. -0.002 min
Lab File: BG059392.D
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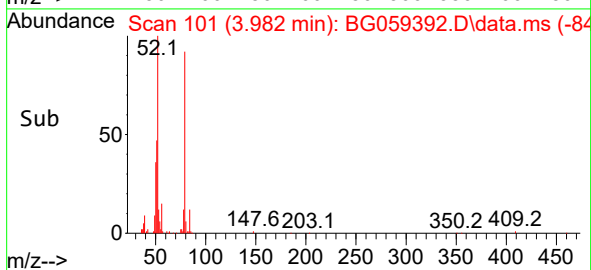
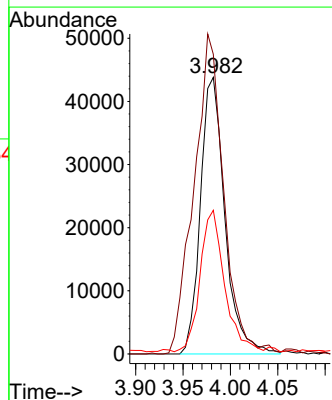
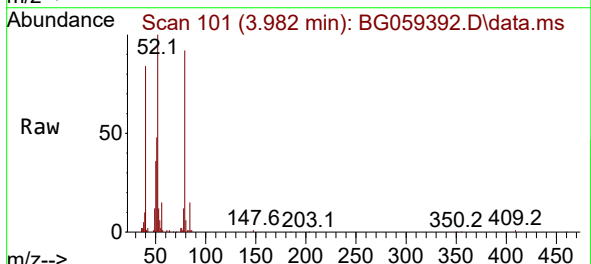
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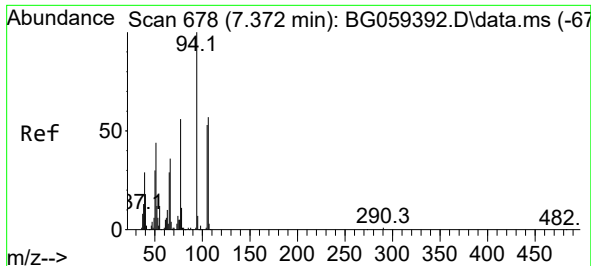
Tgt Ion: 88 Resp: 12389
Ion Ratio Lower Upper
88 100
43 21.0 25.4 38.0#
58 75.3 84.6 127.0#



#5
Pyridine
Concen: 21.366 ng/uL
RT: 3.982 min Scan# 101
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion: 79 Resp: 78595
Ion Ratio Lower Upper
79 100
52 108.3 82.5 123.7
51 52.0 41.8 62.8

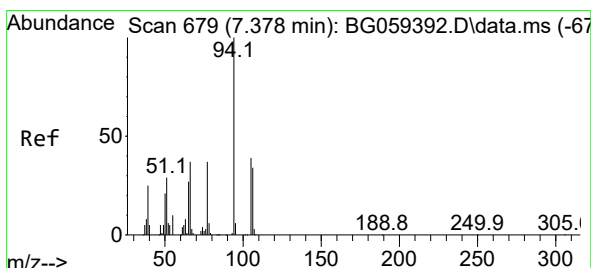
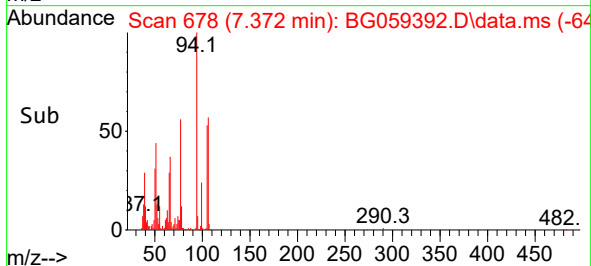
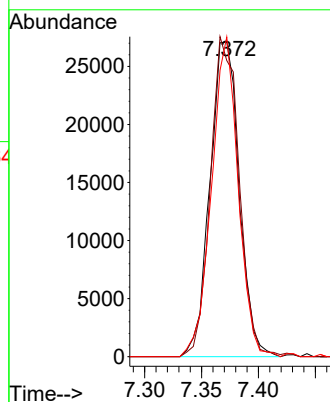
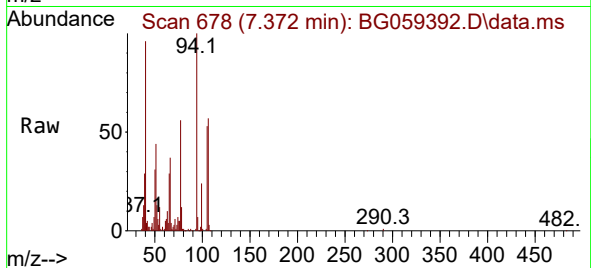




#6
Benzaldehyde
Concen: 23.373 ng/ul
RT: 7.372 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

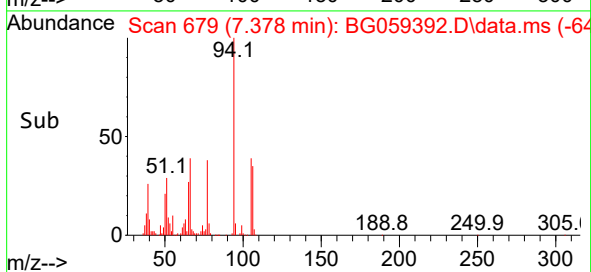
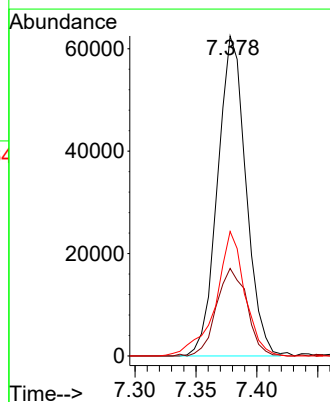
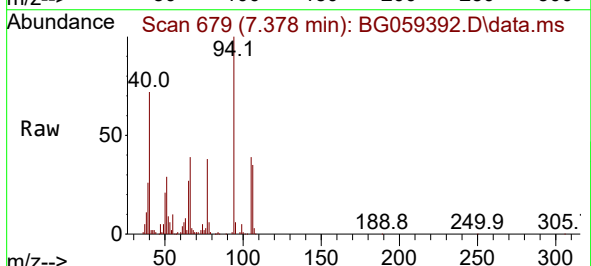
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ClientSampleId :
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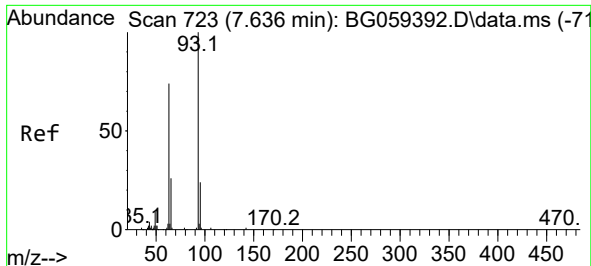
Tgt Ion: 77 Resp: 48313
Ion Ratio Lower Upper
77 100
105 94.1 79.5 119.3
106 101.6 74.8 112.2



#8
Phenol
Concen: 20.564 ng/ul
RT: 7.378 min Scan# 679
Delta R.T. -0.008 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion: 94 Resp: 101332
Ion Ratio Lower Upper
94 100
65 27.3 21.9 32.9
66 38.9 28.6 43.0

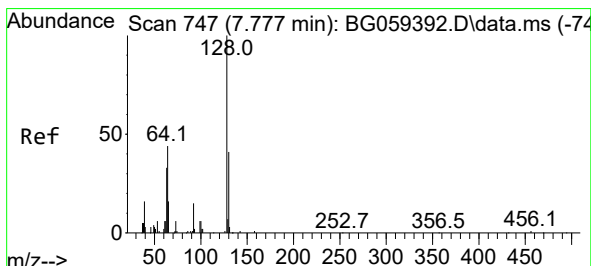
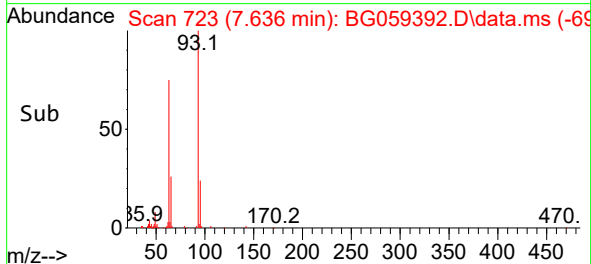
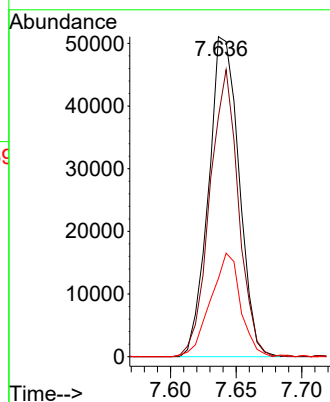
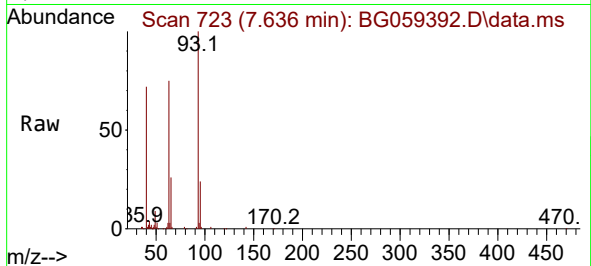




#10
Bis(2-Chloroethyl)ether
Concen: 21.731 ng/ul
RT: 7.636 min Scan# 723
Delta R.T. -0.008 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

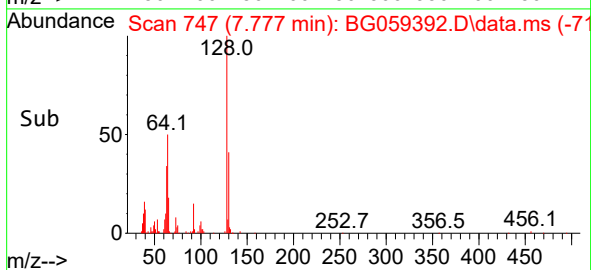
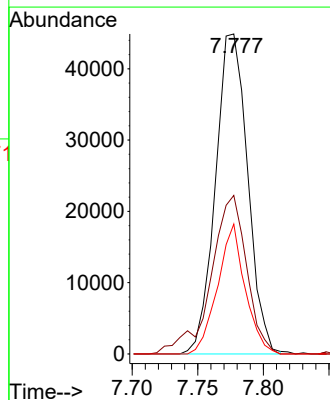
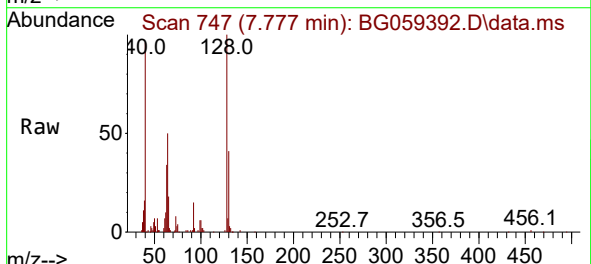
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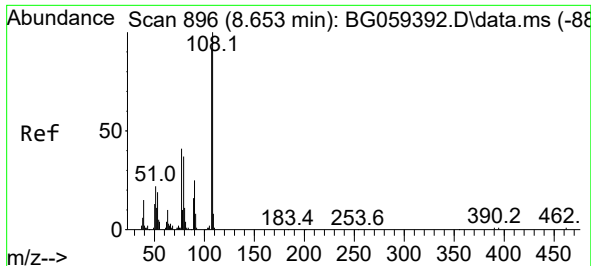
Tgt Ion: 93 Resp: 82465
Ion Ratio Lower Upper
93 100
63 75.0 71.0 106.6
95 24.5 27.8 41.6#



#12
2-Chlorophenol
Concen: 20.889 ng/ul
RT: 7.777 min Scan# 747
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:128 Resp: 76711
Ion Ratio Lower Upper
128 100
64 49.6 38.6 57.8
130 40.6 21.8 32.8#





#13

2-Methylphenol

Concen: 20.562 ng/ul

RT: 8.653 min Scan# 896

Delta R.T. -0.002 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Instrument :

BNA_G

ClientSampleId :

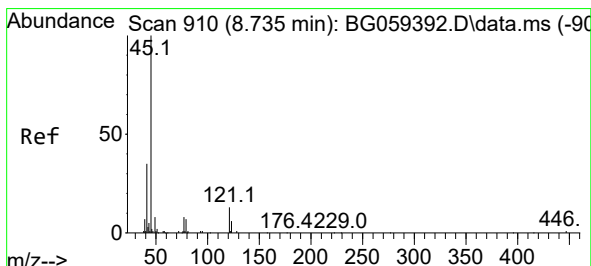
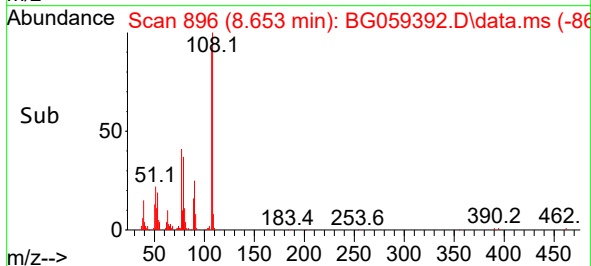
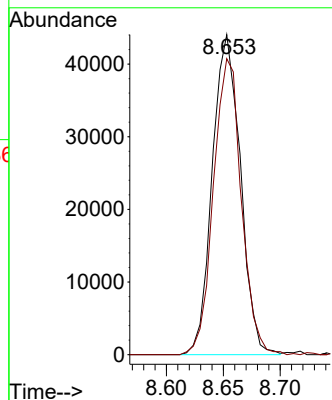
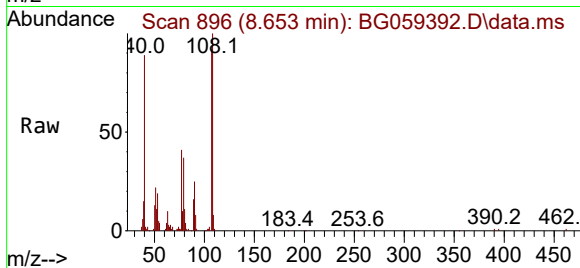
SSTD020593

Tgt Ion:108 Resp: 75712

Ion Ratio Lower Upper

108 100

107 92.5 64.7 97.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.170 ng/ul

RT: 8.735 min Scan# 910

Delta R.T. -0.002 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

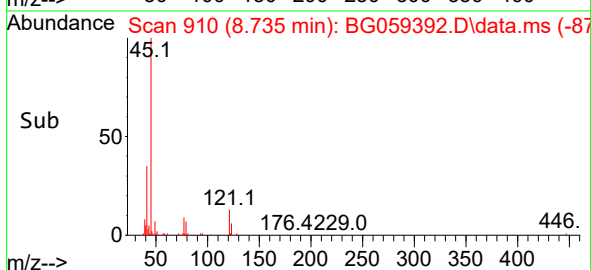
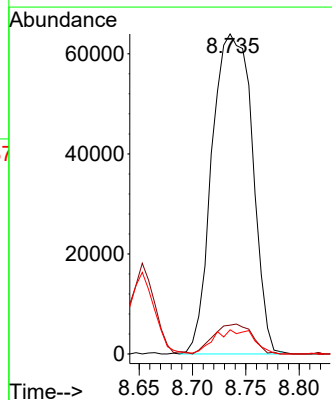
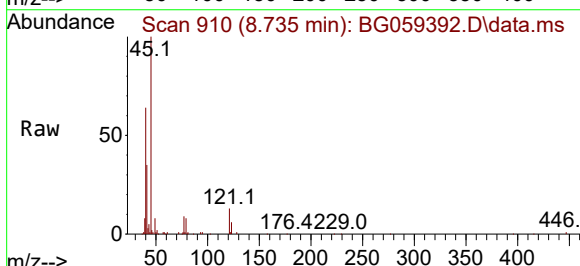
Tgt Ion: 45 Resp: 168089

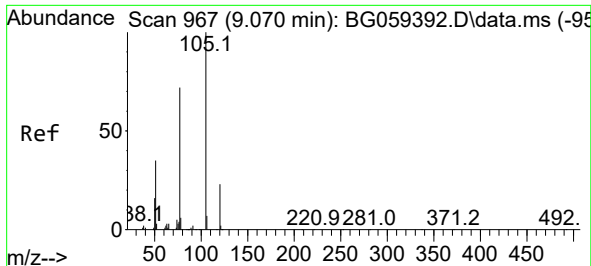
Ion Ratio Lower Upper

45 100

77 9.0 6.6 10.0

79 7.5 5.8 8.8

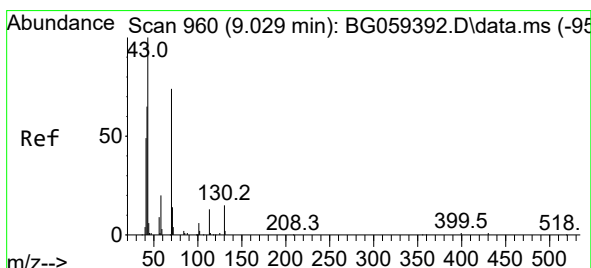
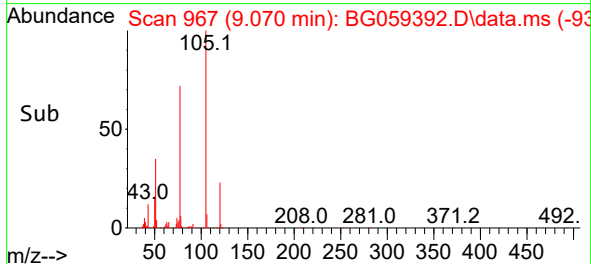
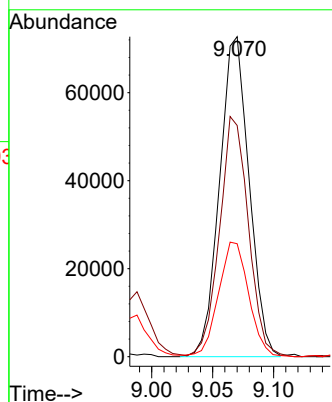
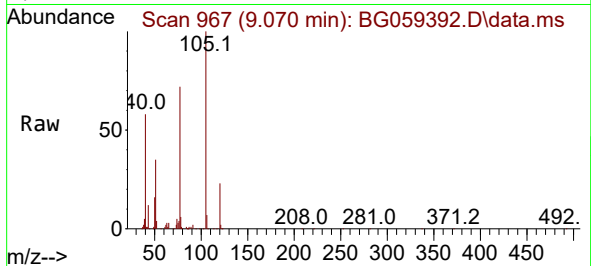




#16
Acetophenone
Concen: 20.775 ng/ul
RT: 9.070 min Scan# 967
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

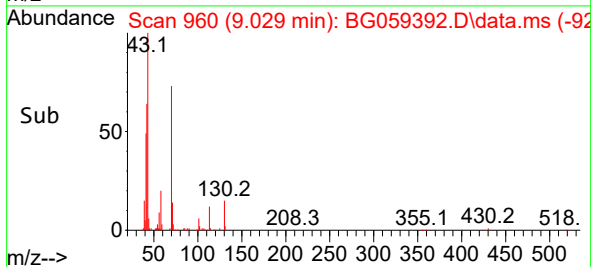
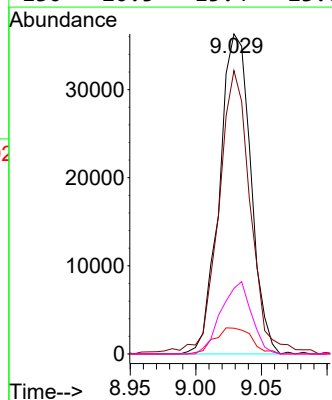
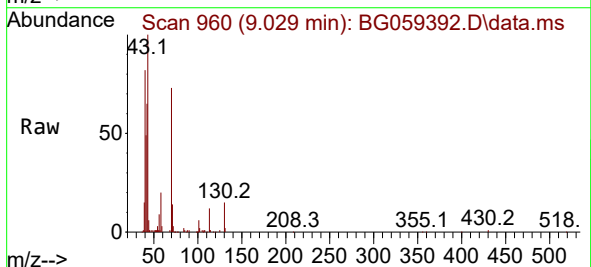
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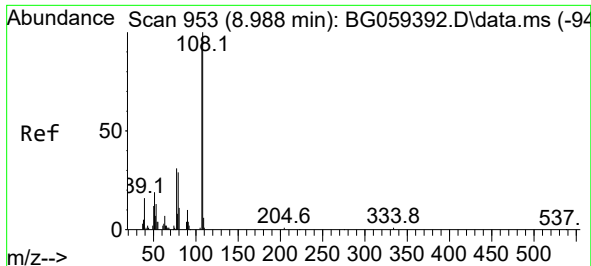
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Ion Ratio Lower Upper
105 100
77 72.3 55.2 82.8
51 35.3 33.0 49.4



#17
N-Nitroso-di-n-propylamine
Concen: 20.521 ng/ul
RT: 9.029 min Scan# 960
Delta R.T. -0.008 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion: 70 Resp: 60327
Ion Ratio Lower Upper
70 100
42 88.6 58.2 87.4#
101 8.0 6.4 9.6
130 20.5 15.4 23.0

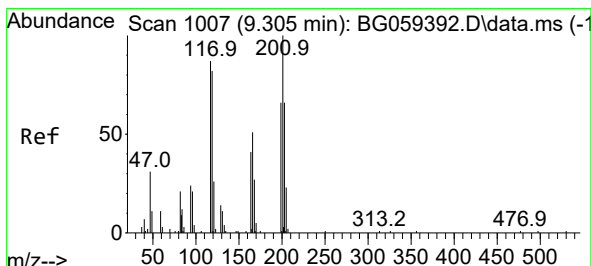
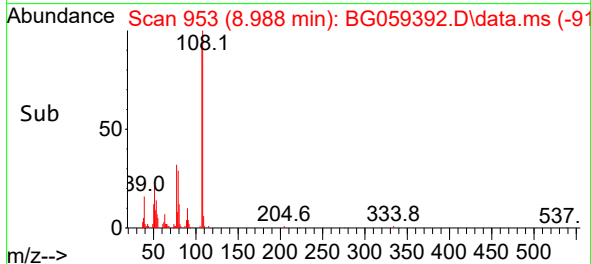
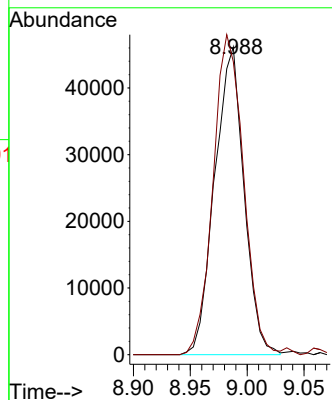
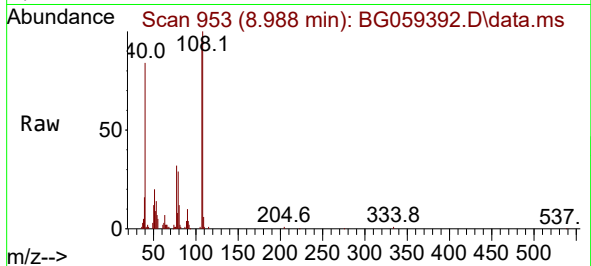




#18
4-Methylphenol
Concen: 20.447 ng/ul
RT: 8.988 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

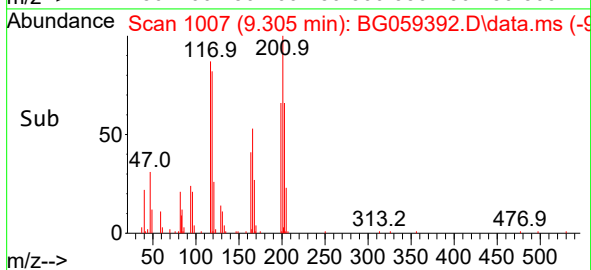
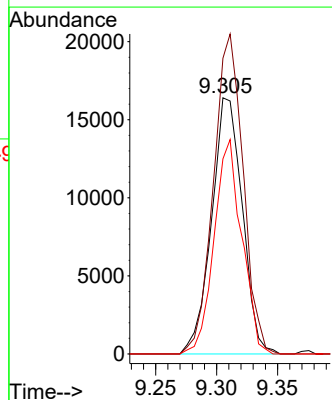
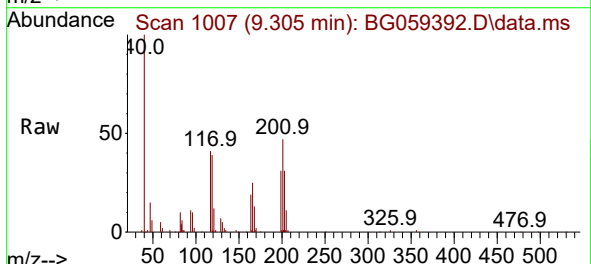
Instrument :
BNA_G
ClientSampleId :
SSTD020593

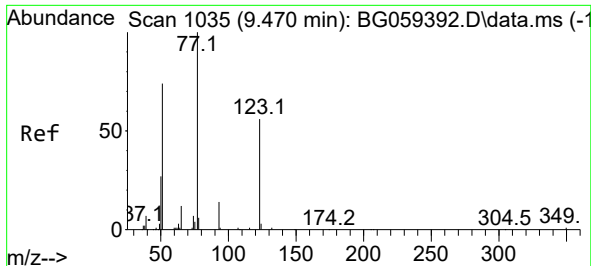
Tgt Ion:108 Resp: 82789
Ion Ratio Lower Upper
108 100
107 95.2 83.0 124.6



#19
Hexachloroethane
Concen: 21.568 ng/ul
RT: 9.305 min Scan# 1007
Delta R.T. -0.008 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:117 Resp: 28810
Ion Ratio Lower Upper
117 100
201 115.4 80.6 120.8
199 77.8 50.6 76.0#

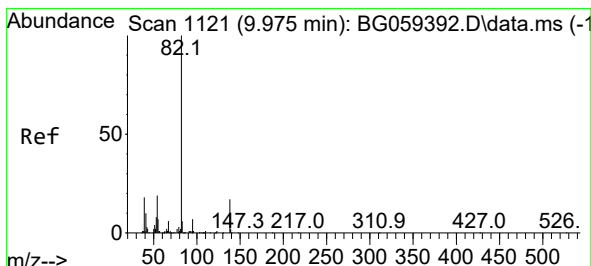
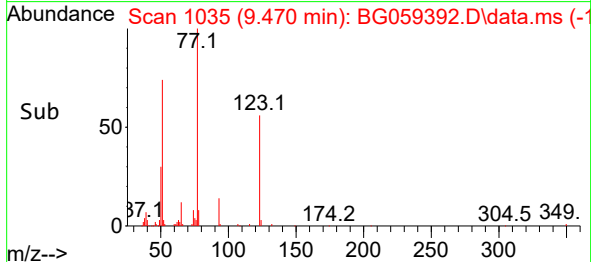
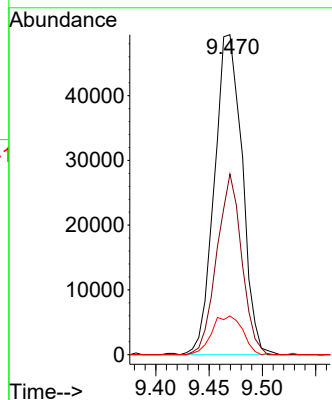
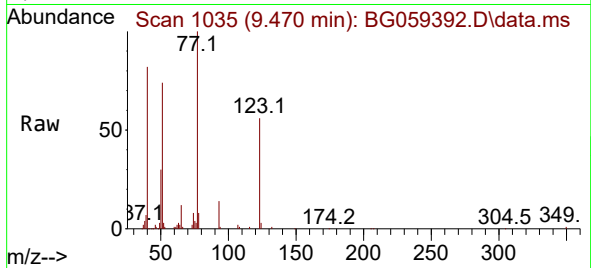




#22
Nitrobenzene
Concen: 21.393 ng/ul
RT: 9.470 min Scan# 1035
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

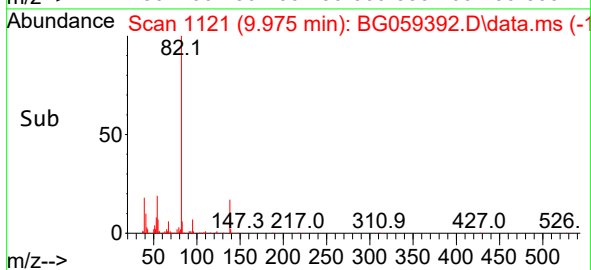
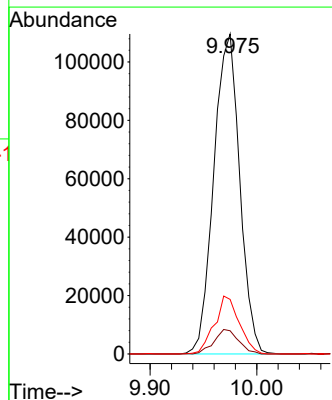
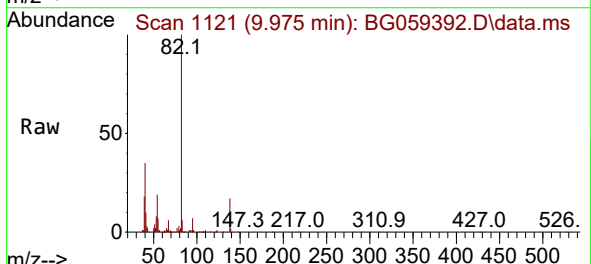
Instrument :
BNA_G
ClientSampleId :
SSTD020593

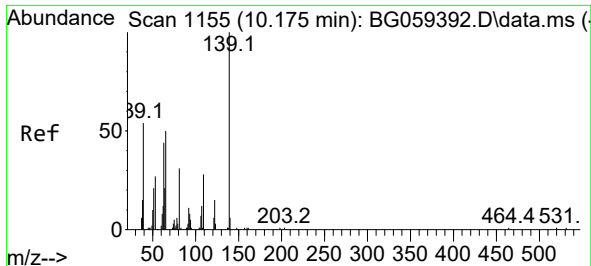
Tgt Ion: 77 Resp: 89387
Ion Ratio Lower Upper
77 100
123 56.4 42.2 63.4
65 12.1 9.8 14.6



#23
Isophorone
Concen: 20.734 ng/ul
RT: 9.975 min Scan# 1121
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion: 82 Resp: 184990
Ion Ratio Lower Upper
82 100
95 7.2 4.7 7.1#
138 17.1 13.5 20.3

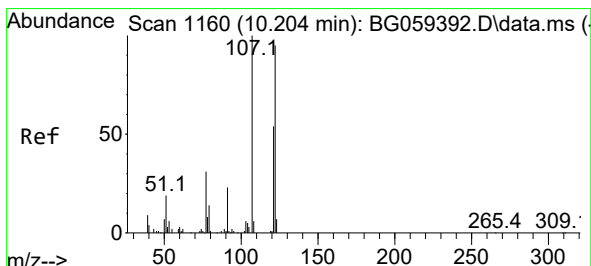
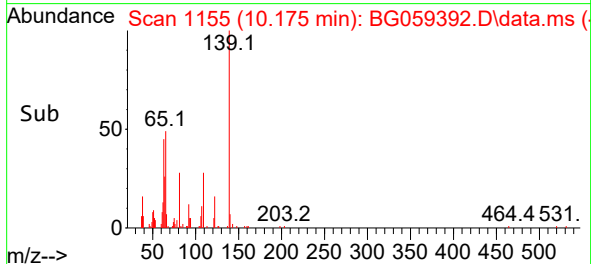
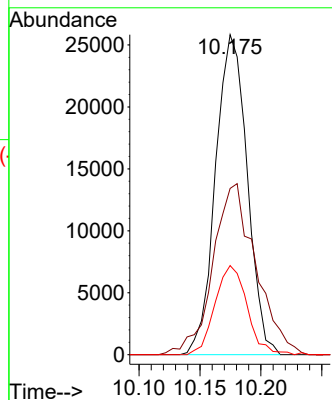
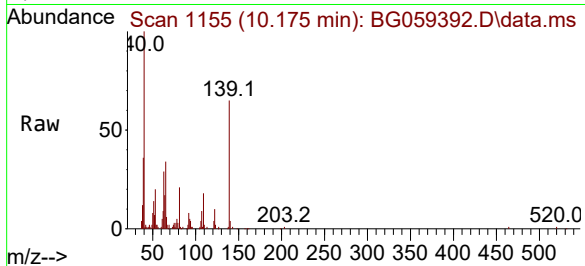




#25
2-Nitrophenol
Concen: 21.966 ng/ul
RT: 10.175 min Scan# 1155
Delta R.T. -0.008 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

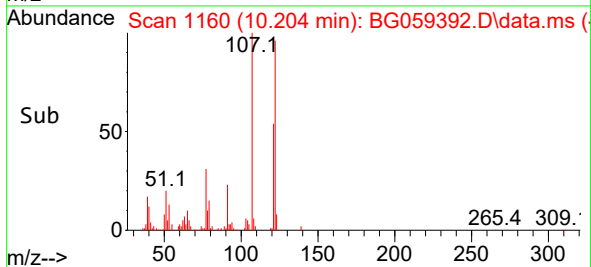
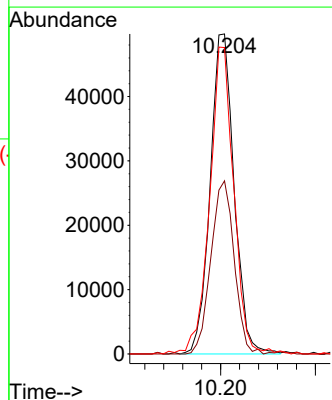
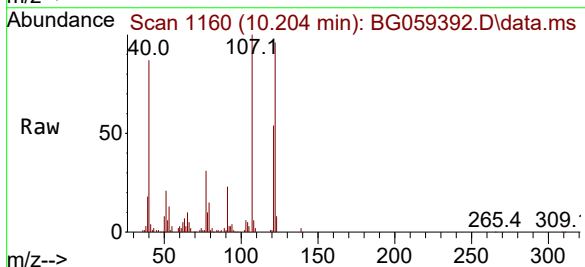
Instrument :
BNA_G
ClientSampleId :
SSTD020593

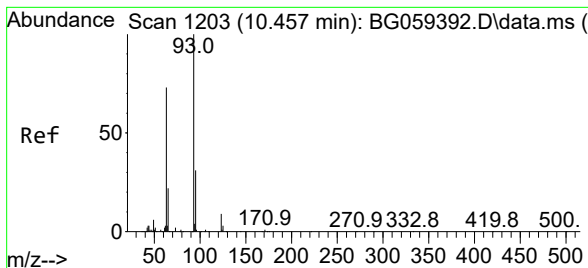
Tgt Ion:139 Resp: 46733
Ion Ratio Lower Upper
139 100
65 52.0 39.0 58.4
109 27.8 19.1 28.7



#26
2,4-Dimethylphenol
Concen: 20.779 ng/ul
RT: 10.204 min Scan# 1160
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:107 Resp: 87206
Ion Ratio Lower Upper
107 100
121 54.1 43.9 65.9
122 95.8 74.1 111.1



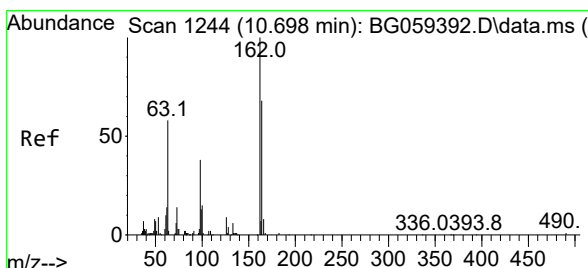
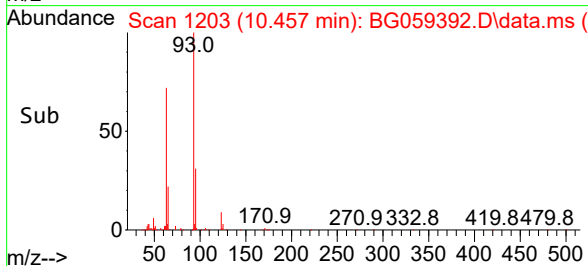
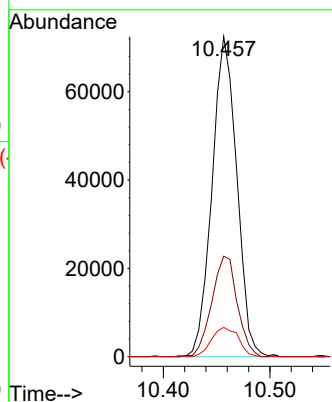
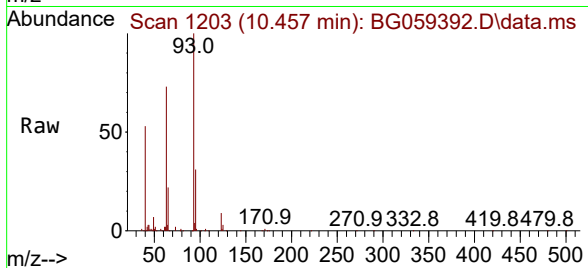


#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.754 ng/ul
 RT: 10.457 min Scan# 11
 Delta R.T. -0.002 min
 Lab File: BG059392.D
 Acq: 9 Oct 2023 10:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020593

Tgt Ion: 93 Resp: 116635

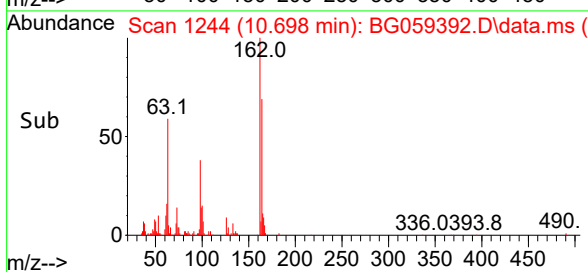
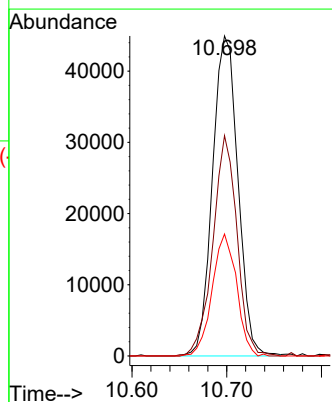
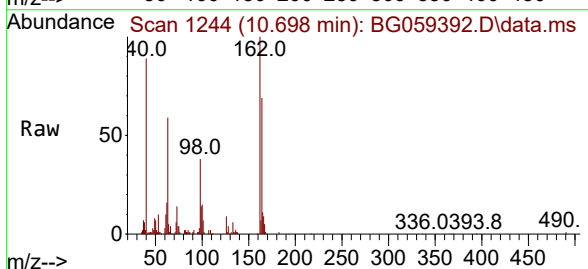
Ion	Ratio	Lower	Upper
93	100		
95	31.4	27.0	40.6
123	9.1	8.5	12.7

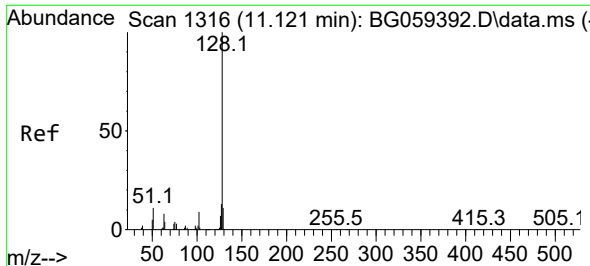


#29
 2,4-Dichlorophenol
 Concen: 22.366 ng/ul
 RT: 10.698 min Scan# 1244
 Delta R.T. -0.002 min
 Lab File: BG059392.D
 Acq: 9 Oct 2023 10:55

Tgt Ion:162 Resp: 83855

Ion	Ratio	Lower	Upper
162	100		
164	68.9	53.5	80.3
98	38.1	28.5	42.7

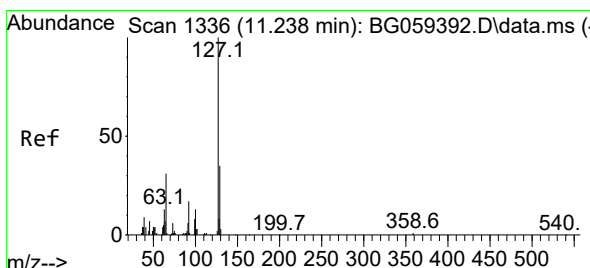
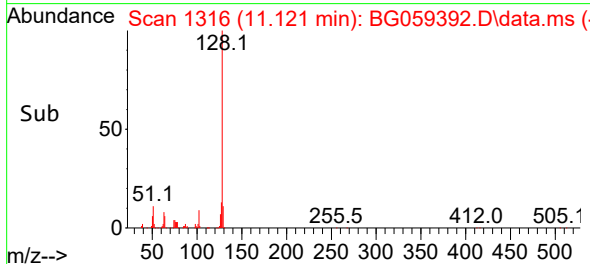
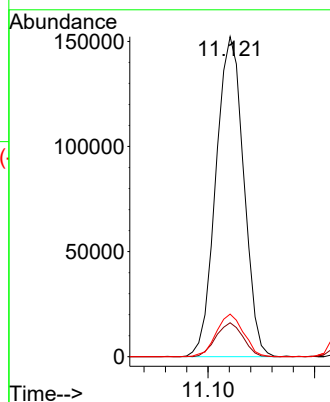
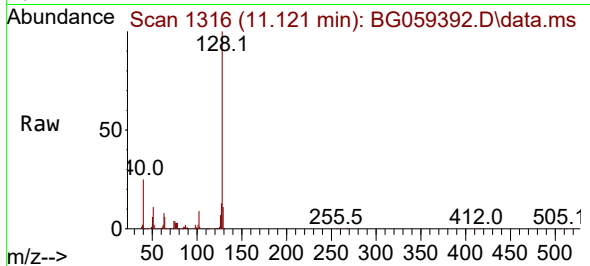




#30
Naphthalene
Concen: 21.265 ng/ul
RT: 11.121 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

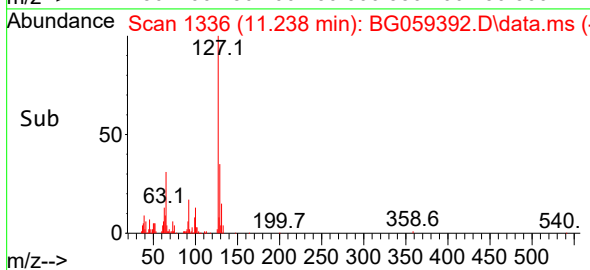
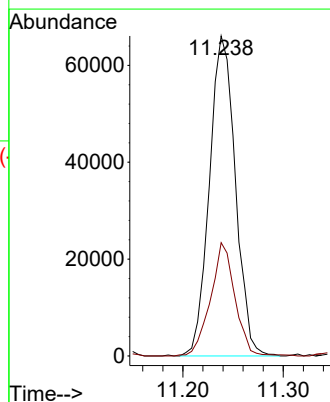
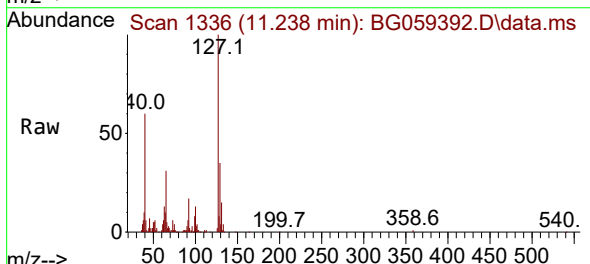
Instrument :
BNA_G
ClientSampleId :
SSTD020593

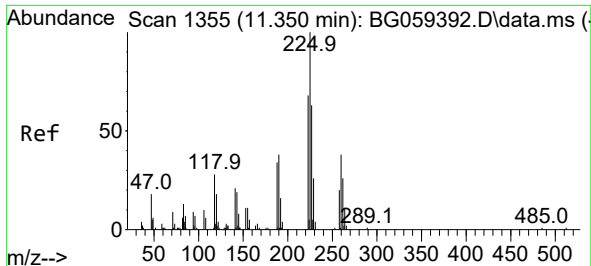
Tgt Ion:128 Resp: 275356
Ion Ratio Lower Upper
128 100
129 10.6 9.5 14.3
127 13.3 10.4 15.6



#32
4-Chloroaniline
Concen: 21.214 ng/ul
RT: 11.238 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:127 Resp: 118692
Ion Ratio Lower Upper
127 100
129 35.4 25.9 38.9

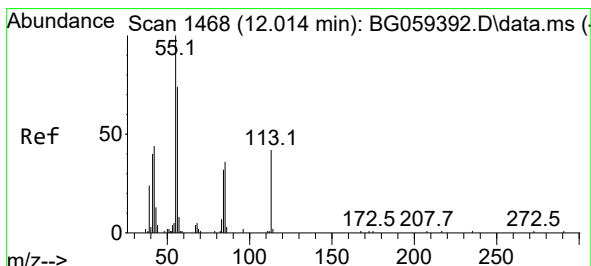
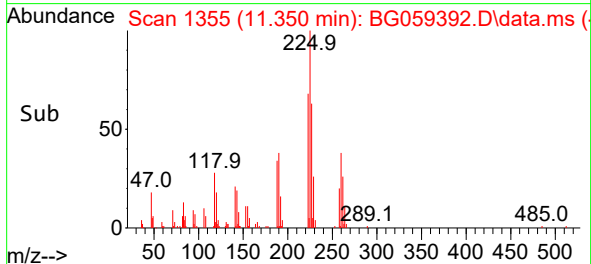
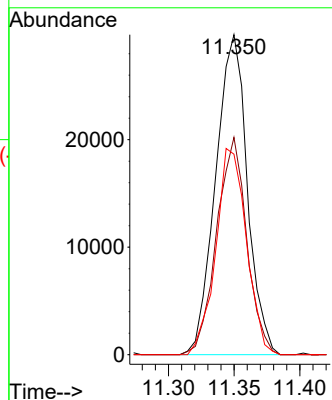
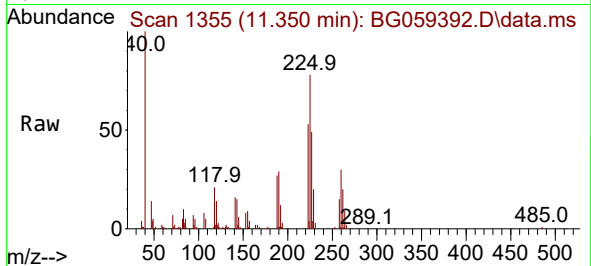




#33
Hexachlorobutadiene
Concen: 22.040 ng/ul
RT: 11.350 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

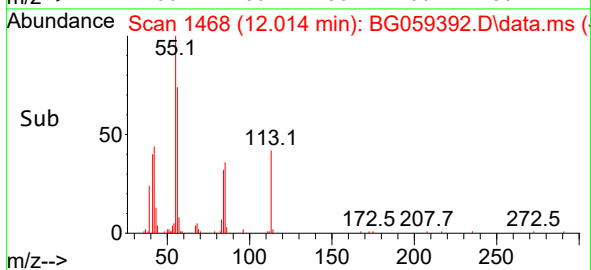
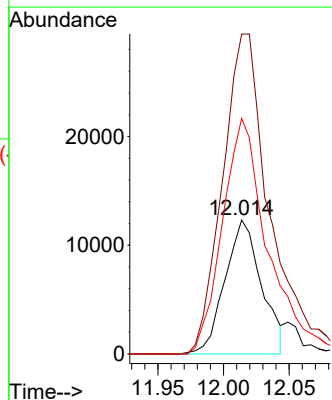
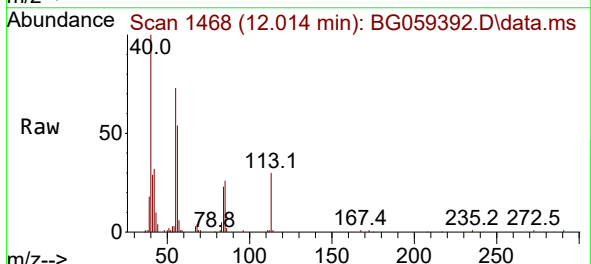
Instrument :
BNA_G
ClientSampleId :
SSTD020593

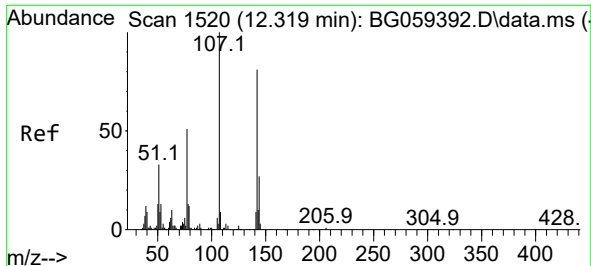
Tgt Ion:225 Resp: 49893
Ion Ratio Lower Upper
225 100
223 67.9 48.2 72.2
227 62.7 49.5 74.3



#34
Caprolactam
Concen: 17.567 ng/ul
RT: 12.014 min Scan# 1468
Delta R.T. -0.008 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:113 Resp: 23917
Ion Ratio Lower Upper
113 100
55 238.7 169.1 253.7
56 175.8 141.7 212.5

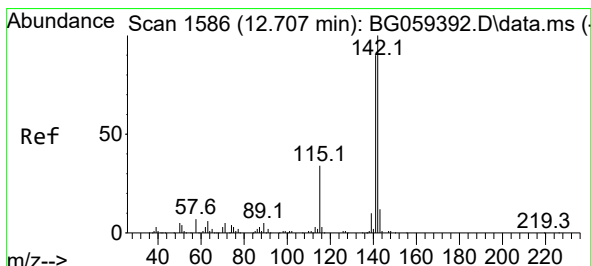
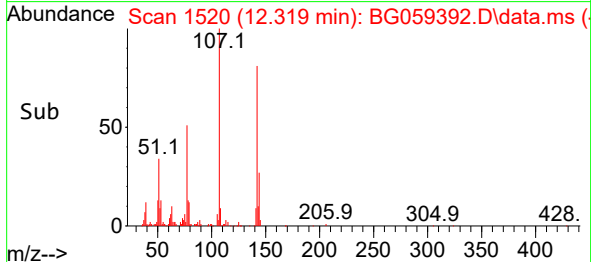
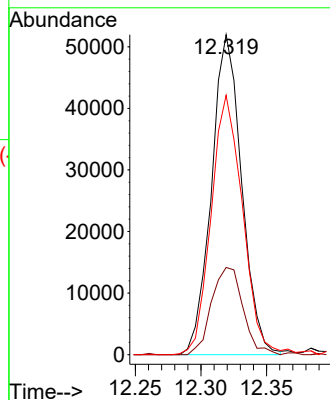
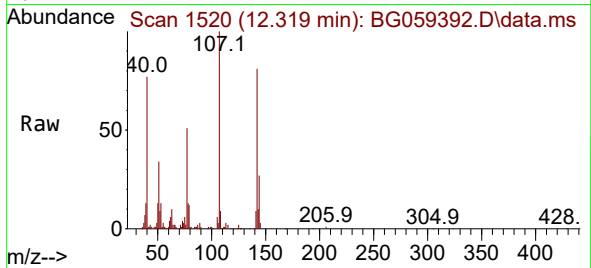




#35
4-Chloro-3-methylphenol
Concen: 20.671 ng/ul
RT: 12.319 min Scan# 1520
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

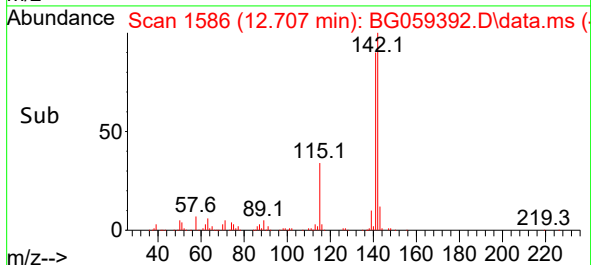
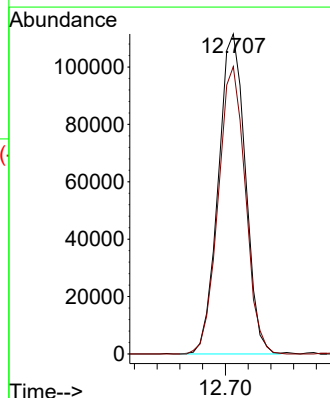
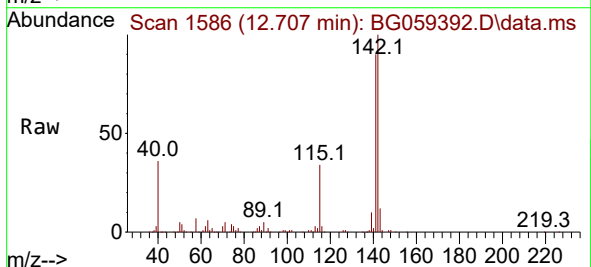
Instrument :
BNA_G
ClientSampleId :
SSTD020593

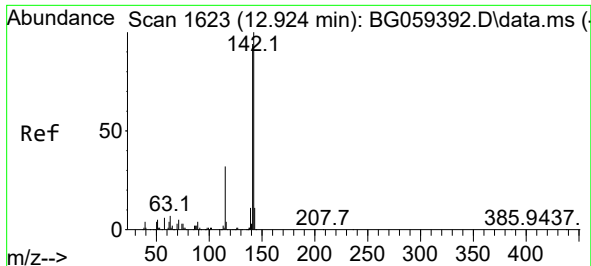
Tgt Ion:107 Resp: 83164
Ion Ratio Lower Upper
107 100
144 27.2 22.0 33.0
142 81.0 61.6 92.4



#36
2-Methylnaphthalene
Concen: 21.381 ng/ul
RT: 12.707 min Scan# 1586
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:142 Resp: 184571
Ion Ratio Lower Upper
142 100
141 89.8 77.8 116.6





#37

1-Methylnaphthalene

Concen: 21.445 ng/ul

RT: 12.924 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Instrument :

BNA_G

ClientSampleId :

SSTD020593

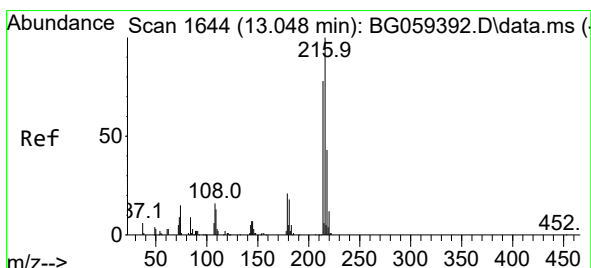
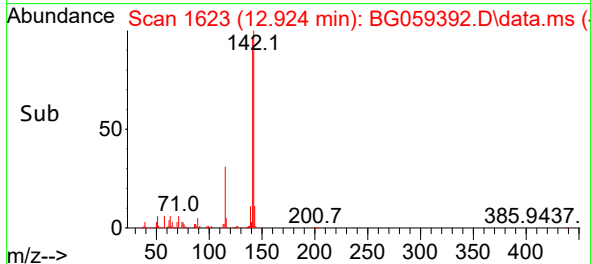
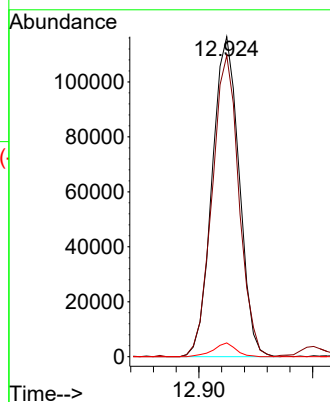
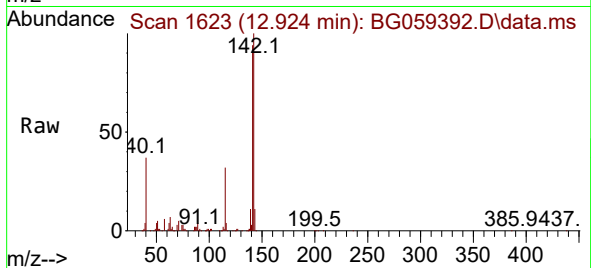
Tgt Ion:142 Resp: 192212

Ion Ratio Lower Upper

142 100

141 94.1 74.3 111.5

116 4.3 2.9 4.3#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.701 ng/ul

RT: 13.048 min Scan# 1644

Delta R.T. -0.008 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Tgt Ion:216 Resp: 98421

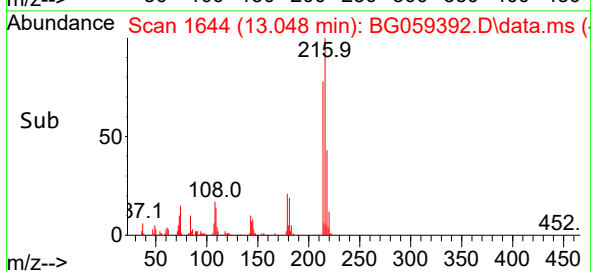
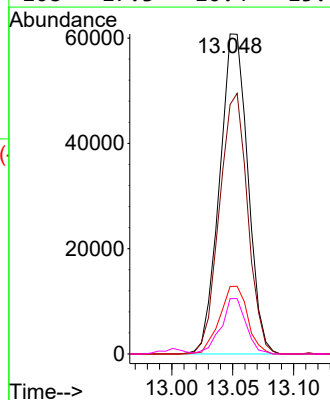
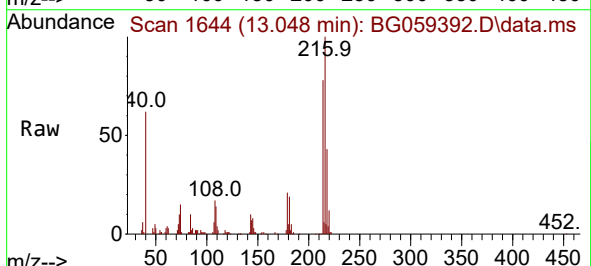
Ion Ratio Lower Upper

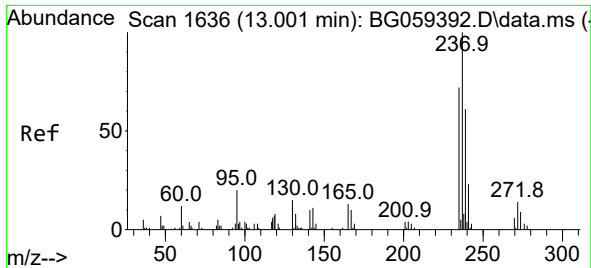
216 100

214 78.0 63.0 94.6

179 21.1 15.0 22.6

108 17.3 10.4 15.6#

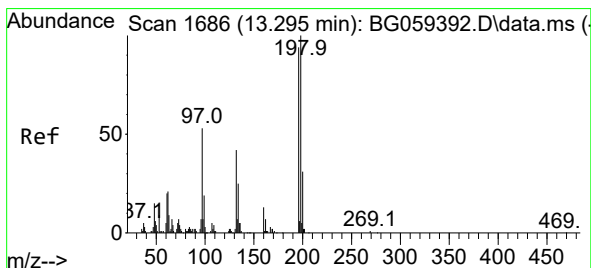
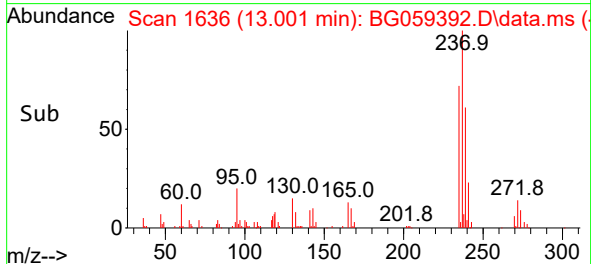
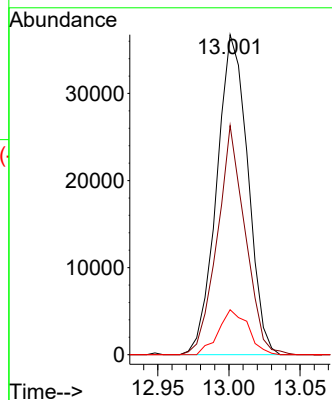
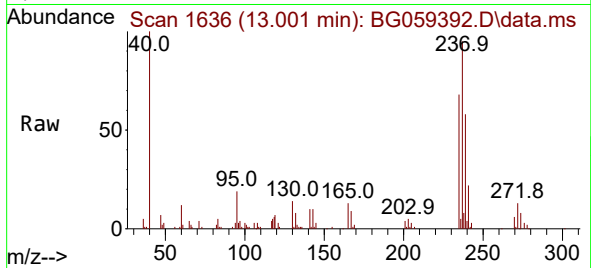




#40
Hexachlorocyclopentadiene
Concen: 20.549 ng/ul
RT: 13.001 min Scan# 1636
Delta R.T. -0.008 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

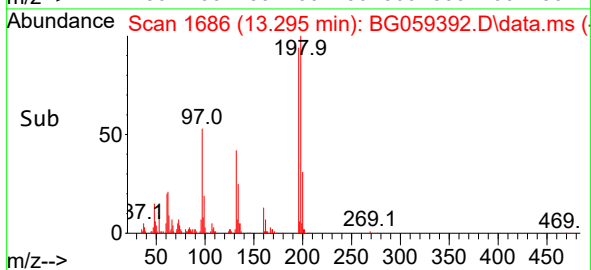
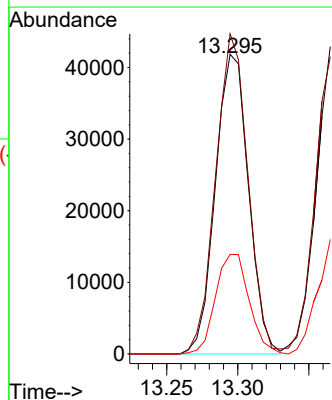
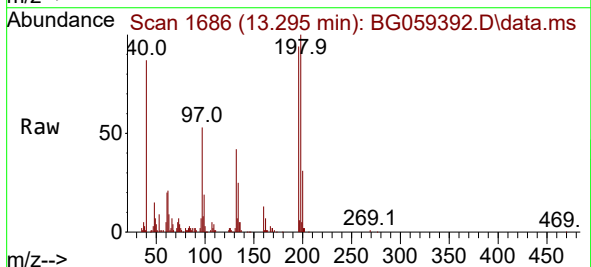
Instrument :
BNA_G
ClientSampleId :
SSTD020593

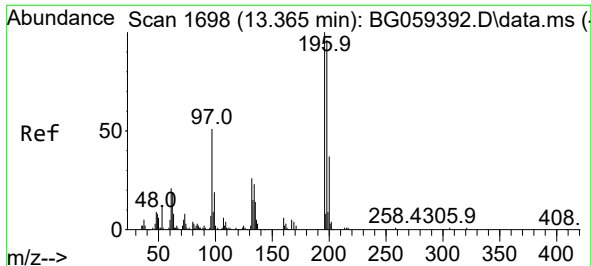
Tgt Ion:237 Resp: 55950
Ion Ratio Lower Upper
237 100
235 71.6 48.4 72.6
272 14.0 13.3 19.9



#41
2,4,6-Trichlorophenol
Concen: 22.019 ng/ul
RT: 13.295 min Scan# 1686
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:196 Resp: 67762
Ion Ratio Lower Upper
196 100
198 106.8 88.6 132.8
200 33.2 27.2 40.8

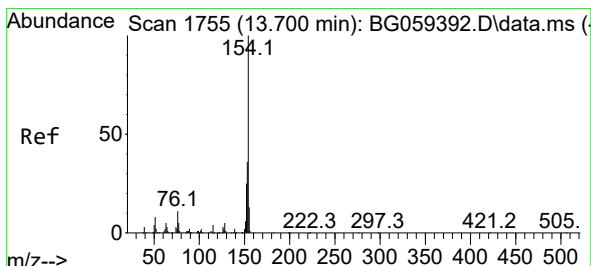
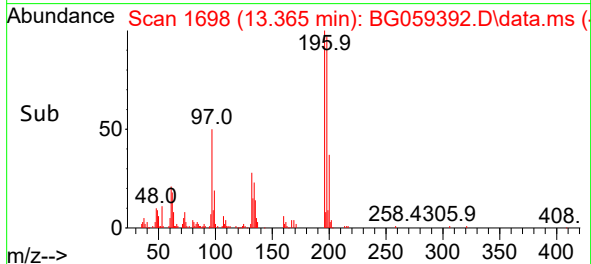
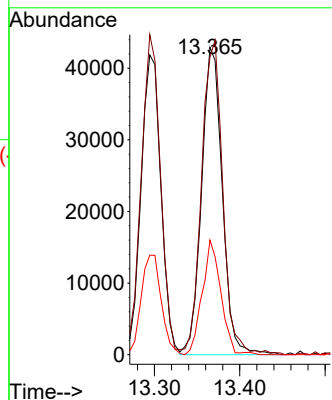
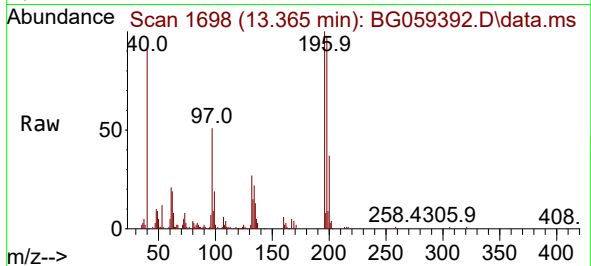




#42
2,4,5-Trichlorophenol
Concen: 21.660 ng/ul
RT: 13.365 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

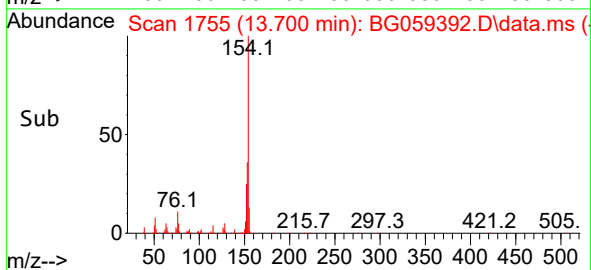
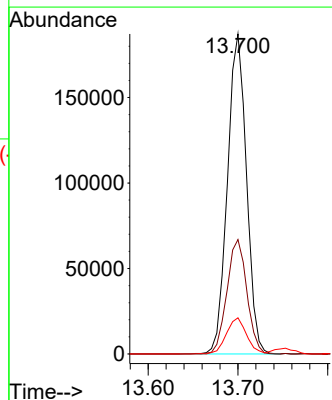
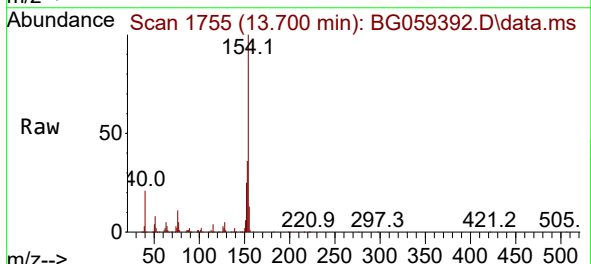
Instrument :
BNA_G
ClientSampleId :
SSTD020593

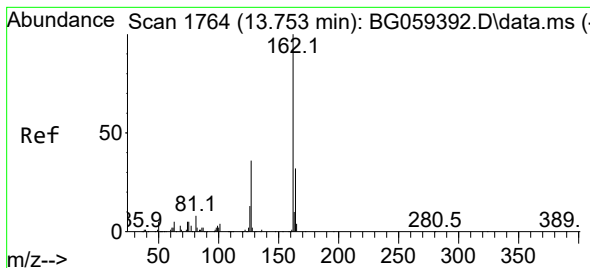
Tgt Ion:196 Resp: 72393
Ion Ratio Lower Upper
196 100
198 96.8 87.8 131.8
200 37.3 26.4 39.6



#43
1,1'-Biphenyl
Concen: 21.979 ng/ul
RT: 13.700 min Scan# 1755
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:154 Resp: 275434
Ion Ratio Lower Upper
154 100
153 35.8 30.1 45.1
76 11.3 10.3 15.5

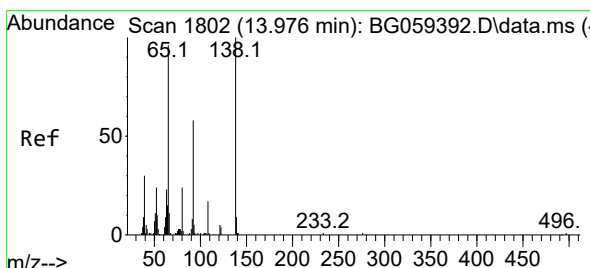
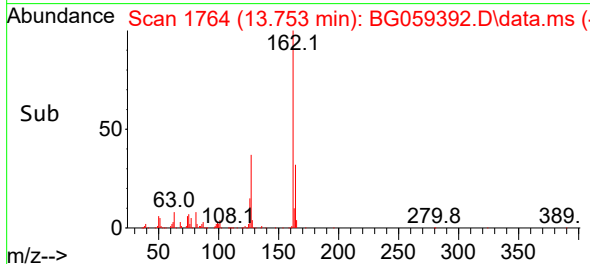
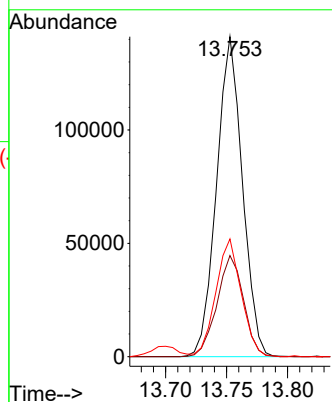
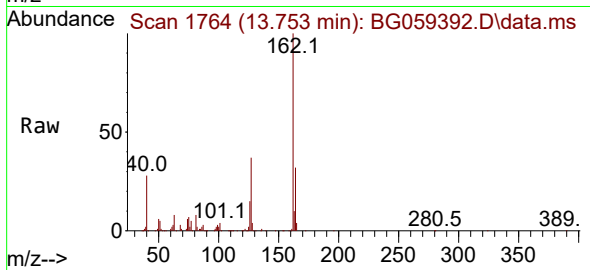




#44
2-Chloronaphthalene
Concen: 21.600 ng/ul
RT: 13.753 min Scan# 1764
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

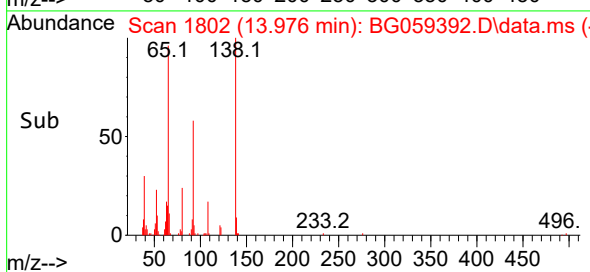
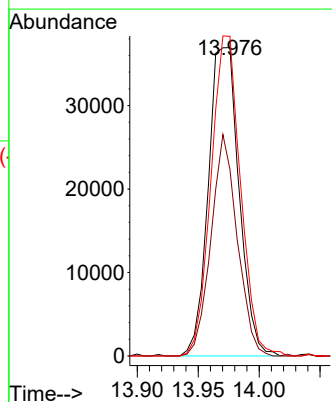
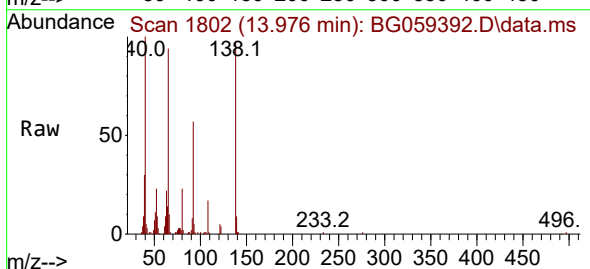
Instrument :
BNA_G
ClientSampleId :
SSTD020593

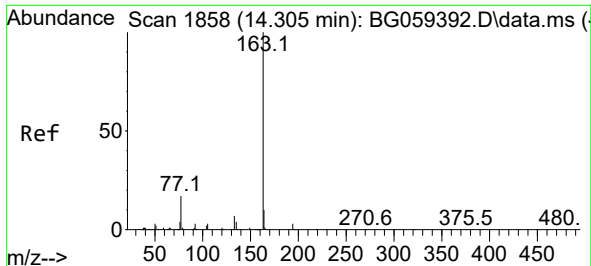
Tgt Ion:162 Resp: 208067
Ion Ratio Lower Upper
162 100
164 31.6 25.7 38.5
127 36.8 29.4 44.2



#45
2-Nitroaniline
Concen: 20.587 ng/ul
RT: 13.976 min Scan# 1802
Delta R.T. 0.004 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion: 65 Resp: 64937
Ion Ratio Lower Upper
65 100
92 60.5 53.8 80.8
138 103.7 80.0 120.0

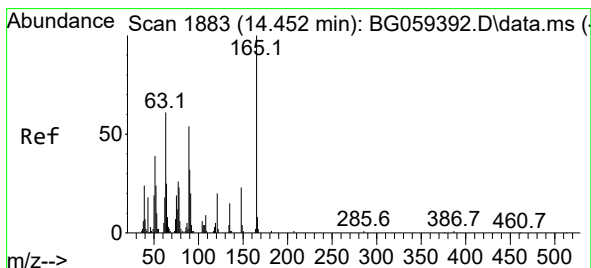
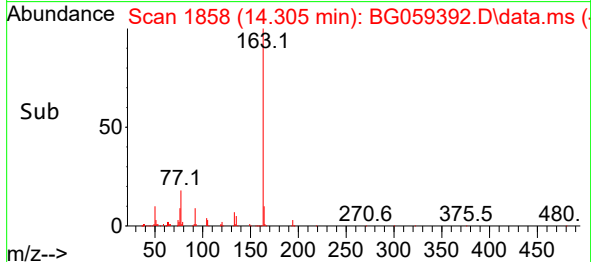
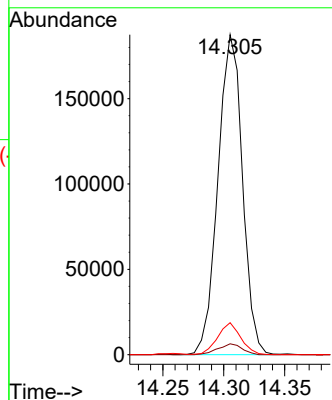
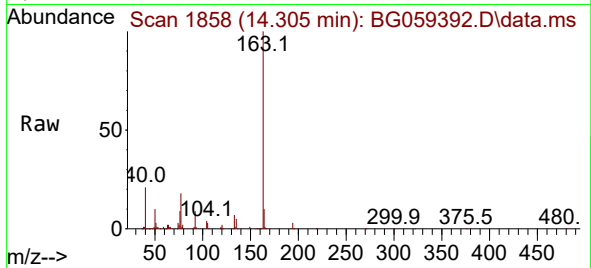




#47
Dimethylphthalate
Concen: 20.913 ng/ul
RT: 14.305 min Scan# 1858
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

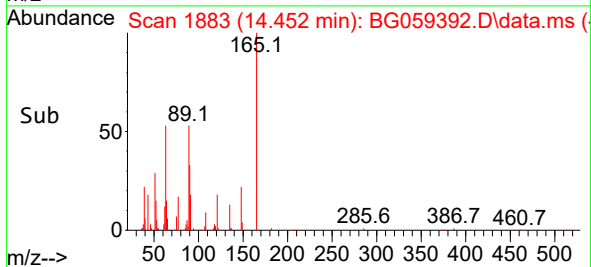
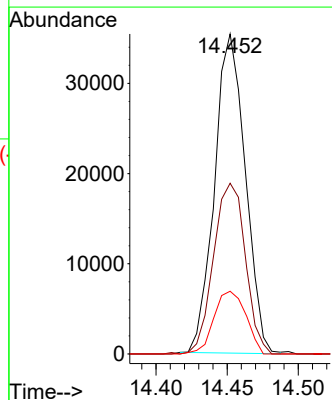
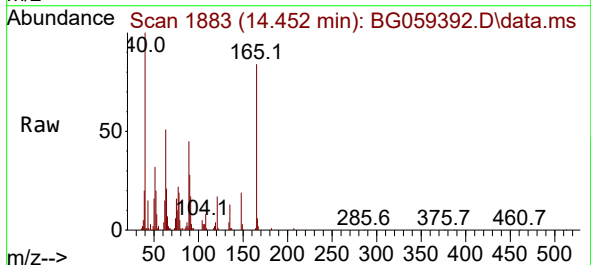
Instrument :
BNA_G
ClientSampleId :
SSTD020593

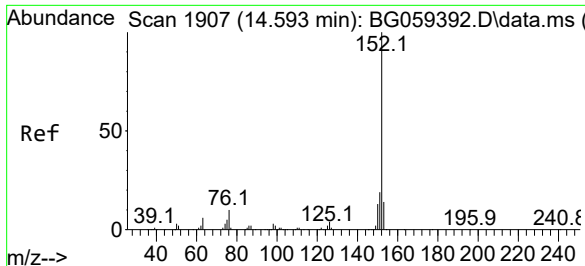
Tgt Ion:163 Resp: 262182
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 21.055 ng/ul
RT: 14.452 min Scan# 1883
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:165 Resp: 53254
Ion Ratio Lower Upper
165 100
89 53.3 43.6 65.4
121 19.6 14.7 22.1

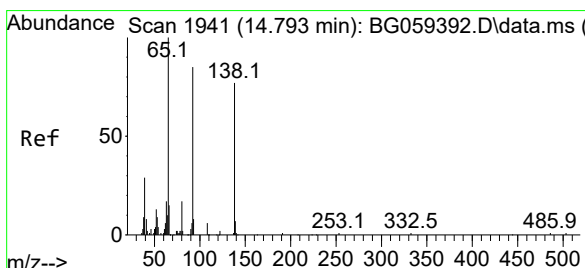
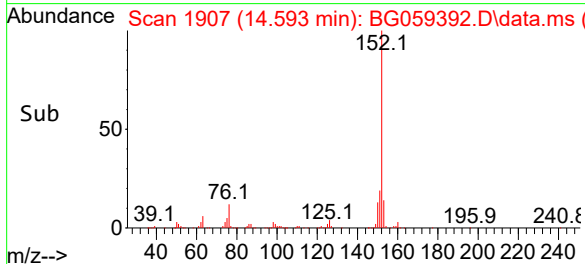
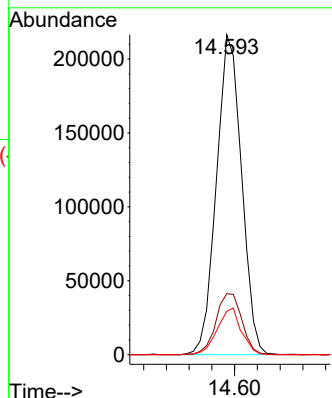
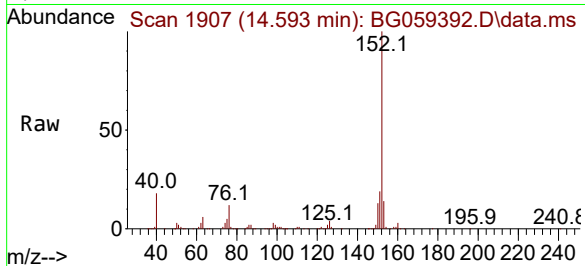




#50
Acenaphthylene
Concen: 20.825 ng/ul
RT: 14.593 min Scan# 1907
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

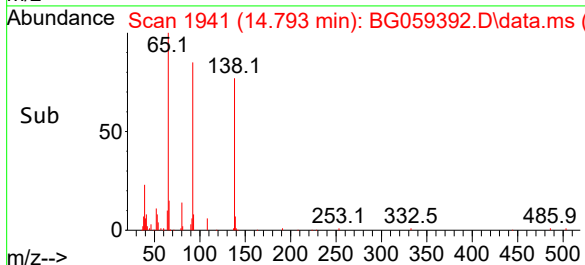
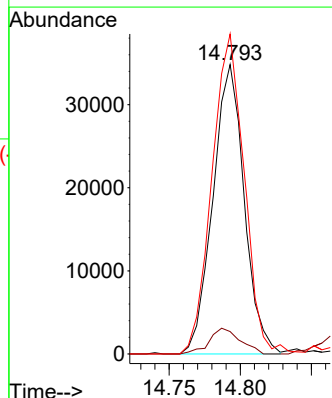
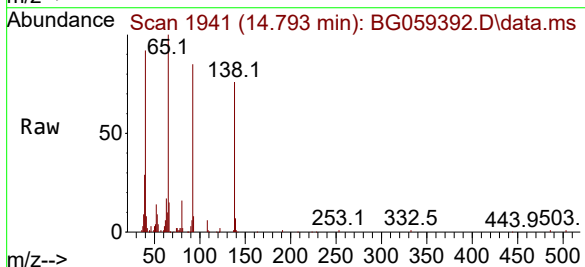
Instrument :
BNA_G
ClientSampleId :
SSTD020593

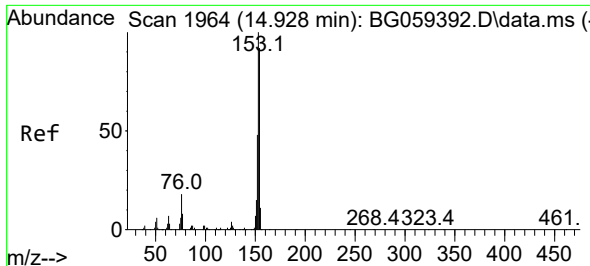
Tgt Ion:152 Resp: 332292
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.8
153 13.6 10.3 15.5



#51
3-Nitroaniline
Concen: 21.585 ng/ul
RT: 14.793 min Scan# 1941
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:138 Resp: 53459
Ion Ratio Lower Upper
138 100
108 7.8 7.4 11.0
92 110.6 89.1 133.7

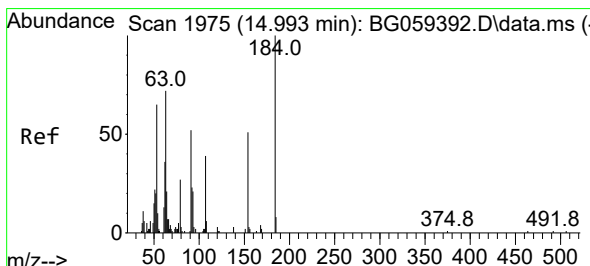
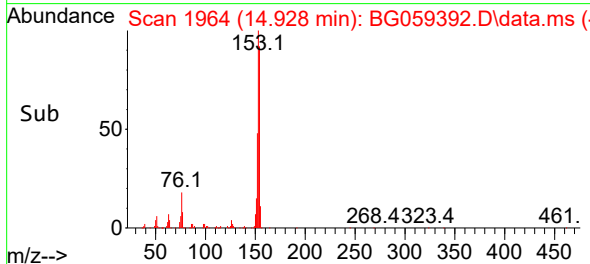
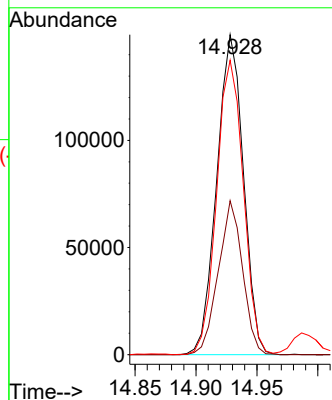
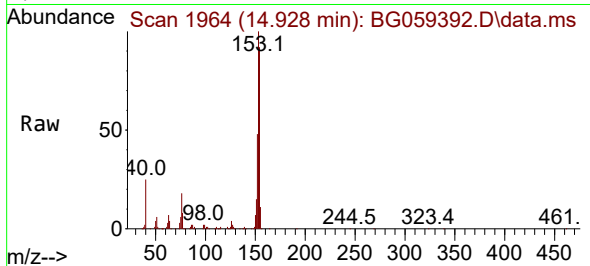




#52
Acenaphthene
Concen: 21.095 ng/ul
RT: 14.928 min Scan# 1964
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

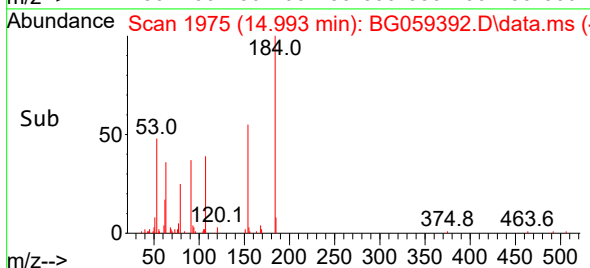
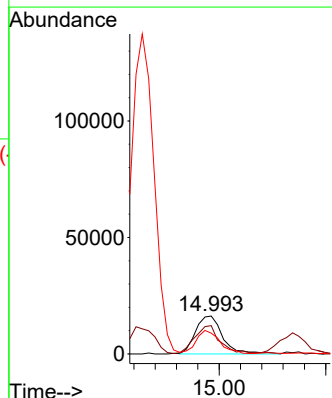
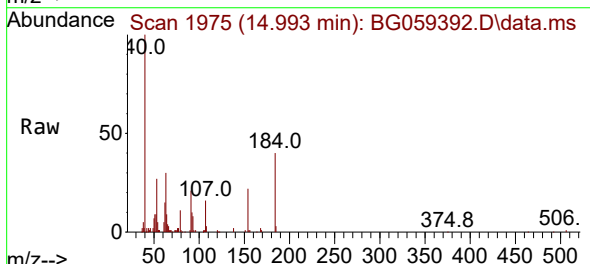
Instrument :
BNA_G
ClientSampleId :
SSTD020593

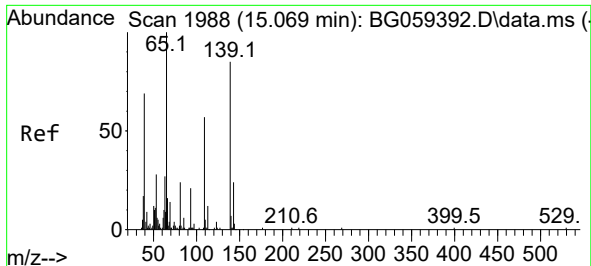
Tgt Ion:153 Resp: 227749
Ion Ratio Lower Upper
153 100
152 48.1 34.6 52.0
154 92.0 73.0 109.4



#53
2,4-Dinitrophenol
Concen: 15.894 ng/ul
RT: 14.993 min Scan# 1975
Delta R.T. 0.004 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:184 Resp: 28876
Ion Ratio Lower Upper
184 100
63 74.6 54.9 82.3
154 54.8 44.9 67.3

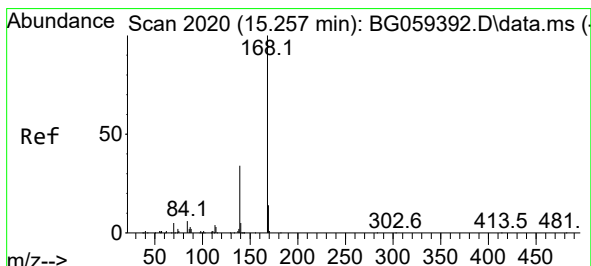
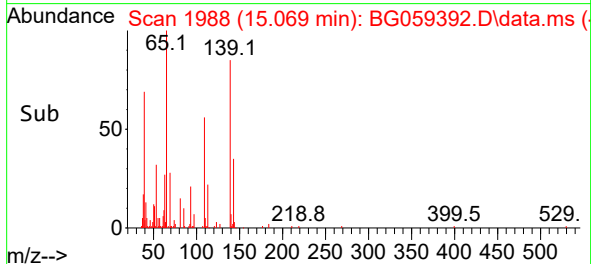
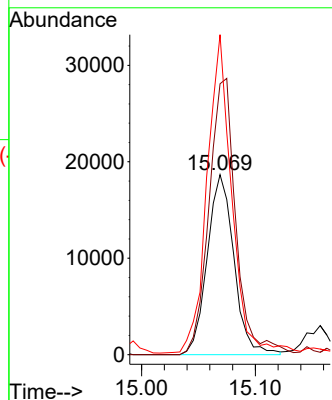
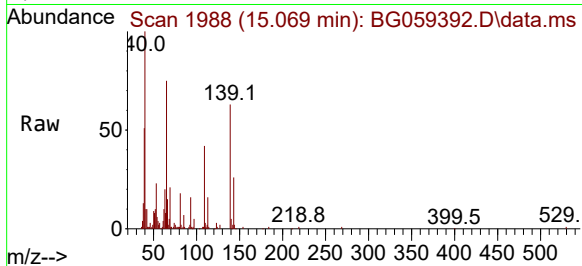




#55
4-Nitrophenol
Concen: 19.281 ng/ul
RT: 15.069 min Scan# 1988
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

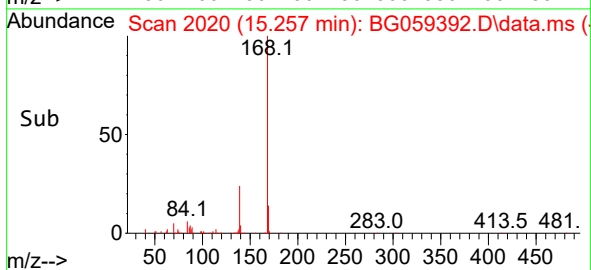
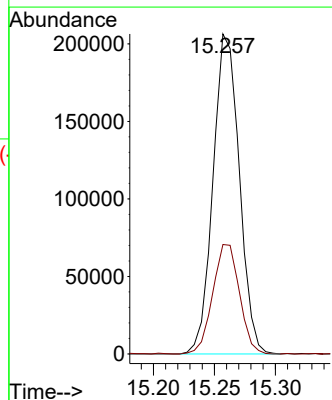
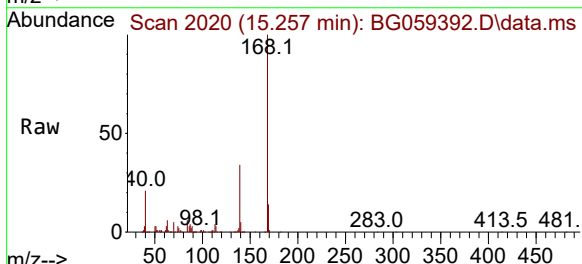
Instrument :
BNA_G
ClientSampleId :
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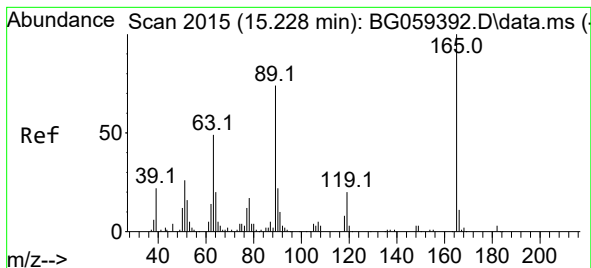
Tgt Ion:109 Resp: 30410
Ion Ratio Lower Upper
109 100
139 150.5 107.9 161.9
65 177.8 126.6 189.8



#56
Dibenzofuran
Concen: 20.788 ng/ul
RT: 15.257 min Scan# 2020
Delta R.T. -0.008 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:168 Resp: 309669
Ion Ratio Lower Upper
168 100
139 34.2 27.4 41.2

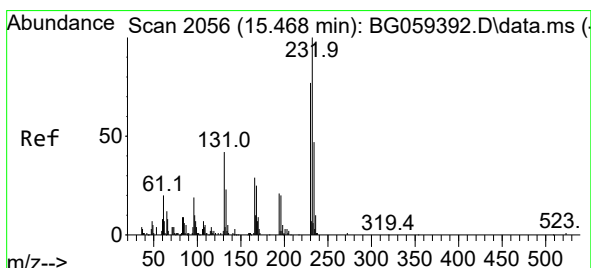
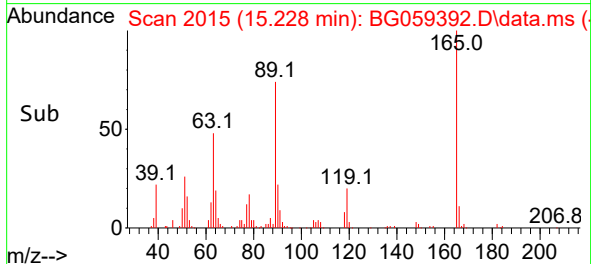
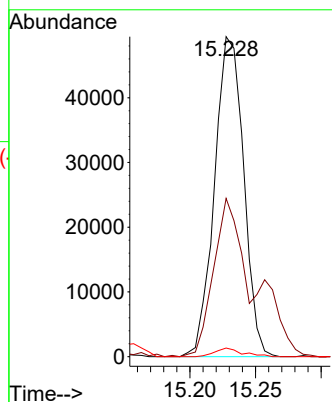
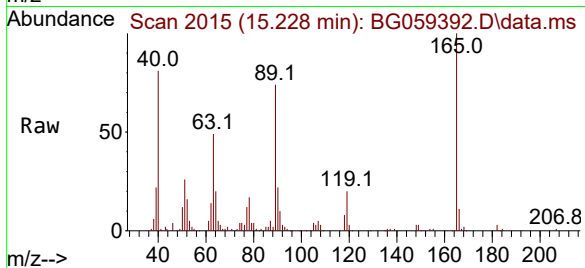




#57
2,4-Dinitrotoluene
Concen: 20.629 ng/ul
RT: 15.228 min Scan# 2015
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

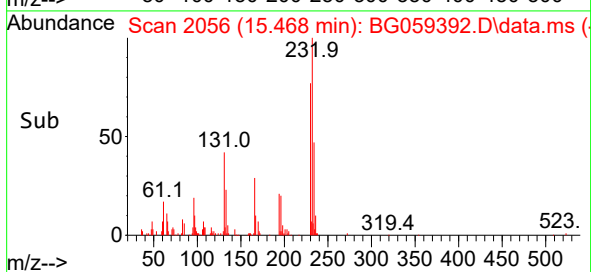
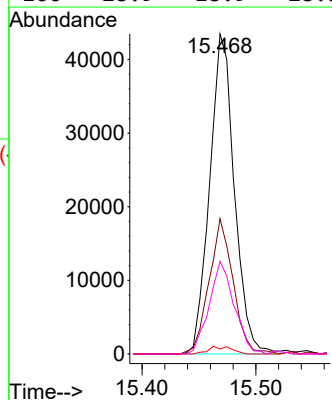
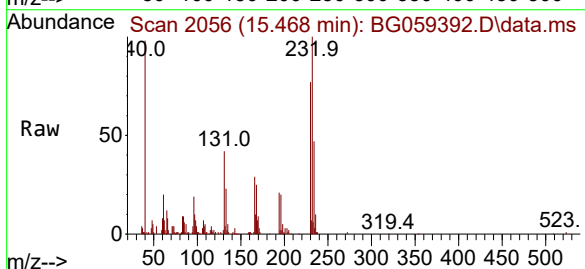
Instrument :
BNA_G
ClientSampleId :
SSTD020593

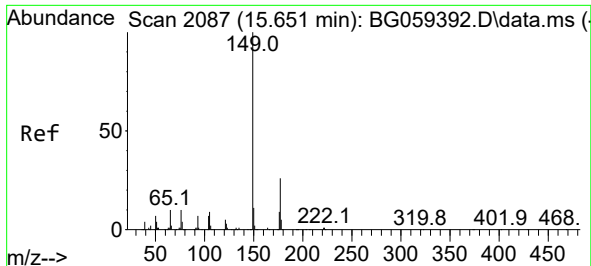
Tgt Ion:165 Resp: 76414
Ion Ratio Lower Upper
165 100
63 49.5 36.4 54.6
182 2.7 1.2 1.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.446 ng/ul
RT: 15.468 min Scan# 2056
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:232 Resp: 65571
Ion Ratio Lower Upper
232 100
131 42.3 31.0 46.6
130 1.6 1.8 2.6#
166 28.9 18.9 28.3#

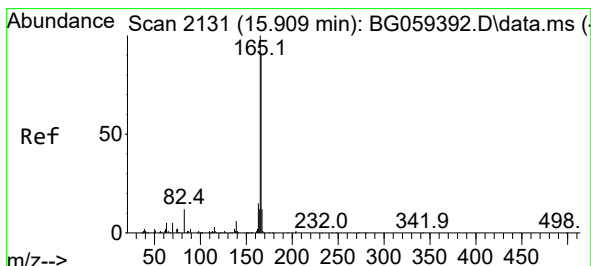
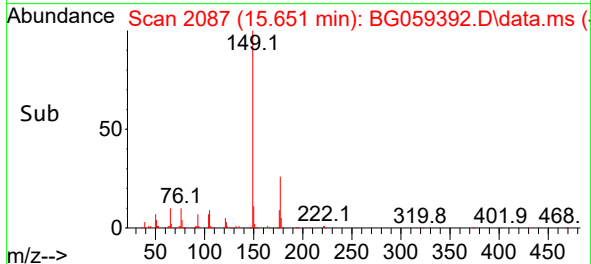
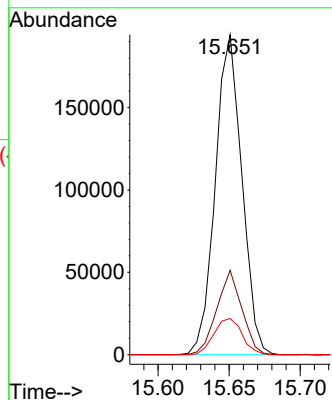
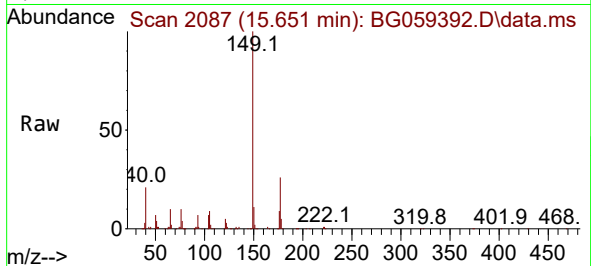




#59
Diethylphthalate
Concen: 20.228 ng/ul
RT: 15.651 min Scan# 2087
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

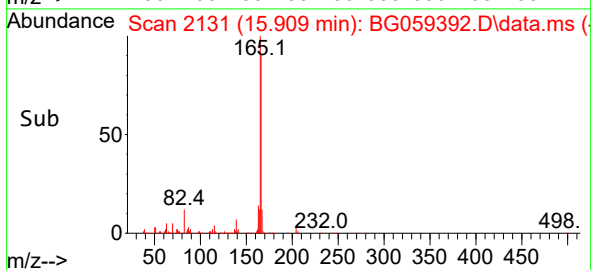
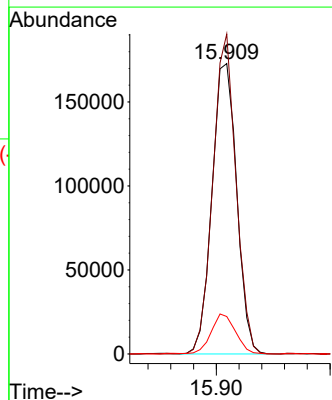
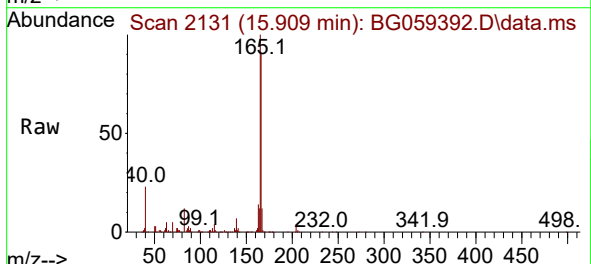
Instrument :
BNA_G
ClientSampleId :
SSTD020593

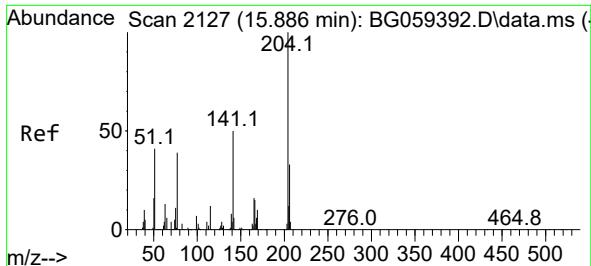
Tgt Ion:149 Resp: 252222
Ion Ratio Lower Upper
149 100
177 26.4 20.1 30.1
150 11.3 9.4 14.2



#61
Fluorene
Concen: 20.591 ng/ul
RT: 15.909 min Scan# 2131
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:166 Resp: 260987
Ion Ratio Lower Upper
166 100
165 110.2 81.0 121.6
167 12.9 11.7 17.5





#62

4-Chlorophenyl-phenylether

Concen: 21.347 ng/ul

RT: 15.886 min Scan# 2127

Delta R.T. -0.002 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Instrument :

BNA_G

ClientSampleId :

SSTD020593

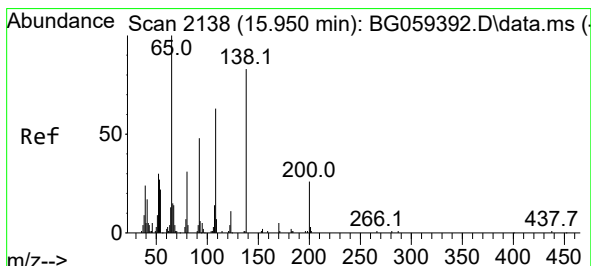
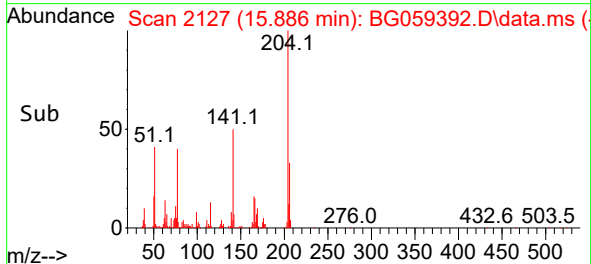
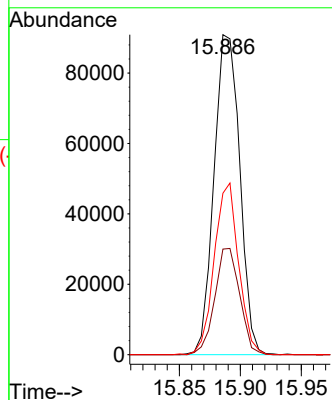
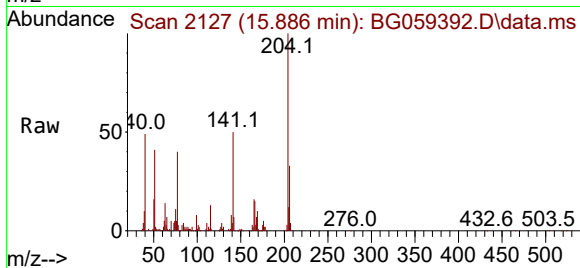
Tgt Ion:204 Resp: 133693

Ion Ratio Lower Upper

204 100

206 33.0 26.9 40.3

141 50.5 40.7 61.1



#63

4-Nitroaniline

Concen: 21.281 ng/ul

RT: 15.950 min Scan# 2138

Delta R.T. -0.002 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

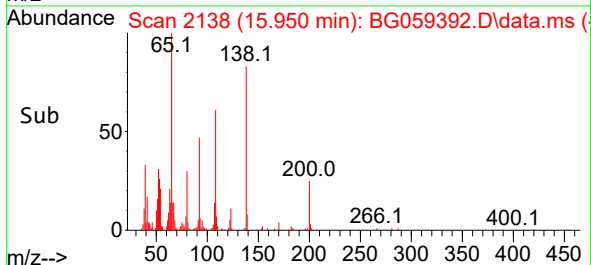
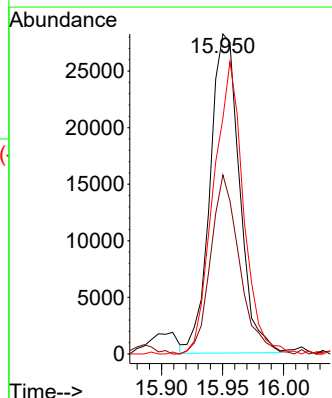
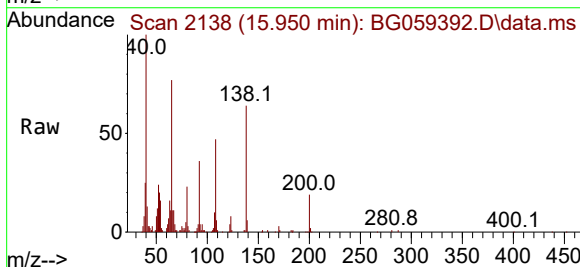
Tgt Ion:138 Resp: 47449

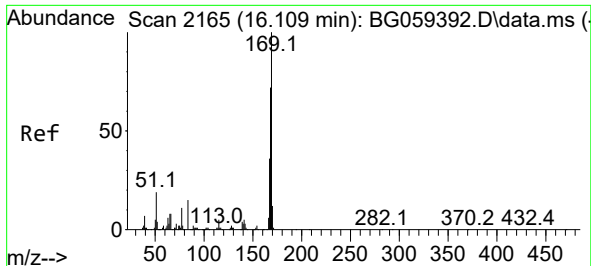
Ion Ratio Lower Upper

138 100

92 55.9 44.1 66.1

108 73.7 63.3 94.9

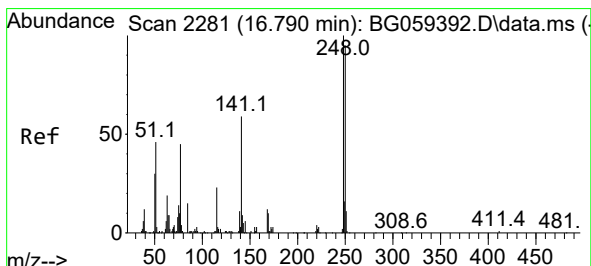
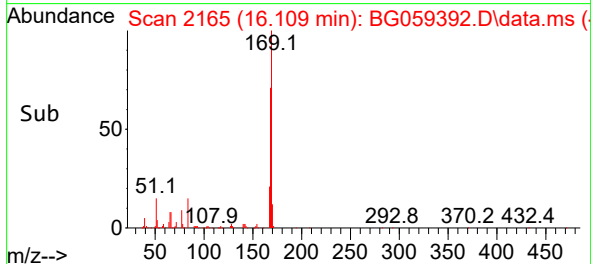
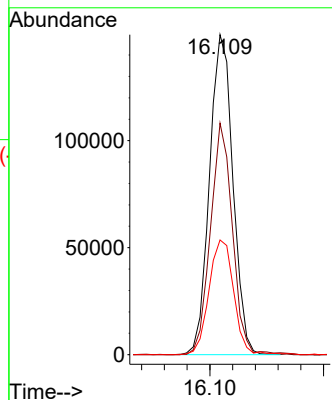
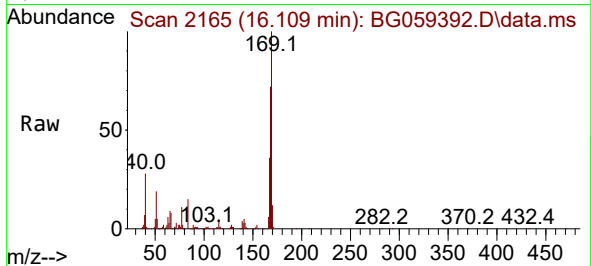




#67
N-Nitrosodiphenylamine
Concen: 20.185 ng/ul
RT: 16.109 min Scan# 2165
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

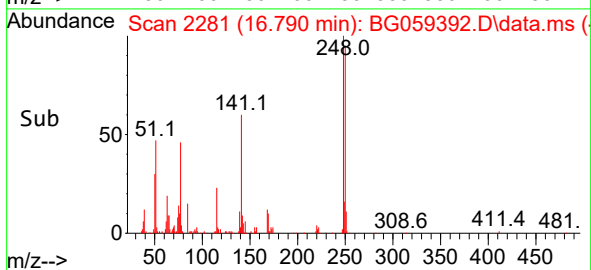
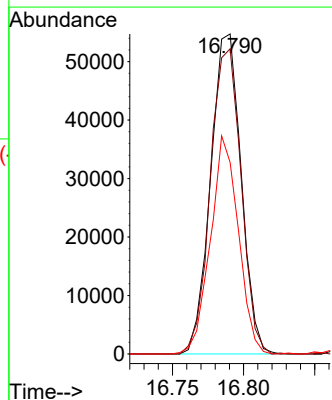
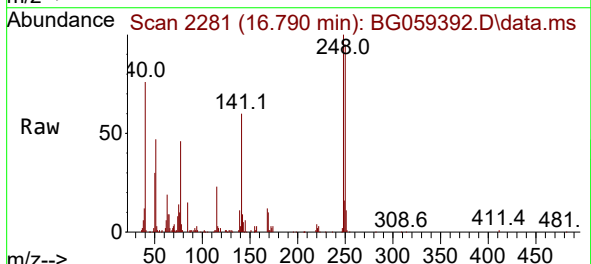
Instrument :
BNA_G
ClientSampleId :
SSTD020593

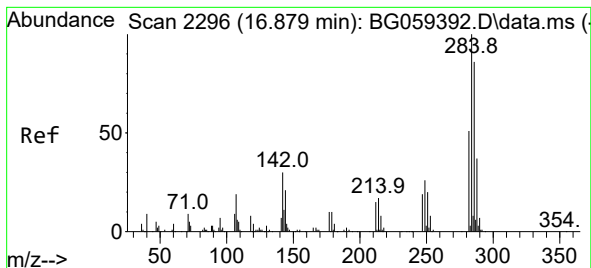
Tgt Ion:169 Resp: 213521
Ion Ratio Lower Upper
169 100
168 72.4 54.6 82.0
167 35.8 29.5 44.3



#68
4-Bromophenyl-phenylether
Concen: 20.554 ng/ul
RT: 16.790 min Scan# 2281
Delta R.T. 0.004 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:248 Resp: 81585
Ion Ratio Lower Upper
248 100
250 95.3 75.0 112.4
141 59.8 49.0 73.6





#69

Hexachlorobenzene

Concen: 20.405 ng/ul

RT: 16.879 min Scan# 2296

Delta R.T. -0.002 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Instrument :

BNA_G

ClientSampleId :

SSTD020593

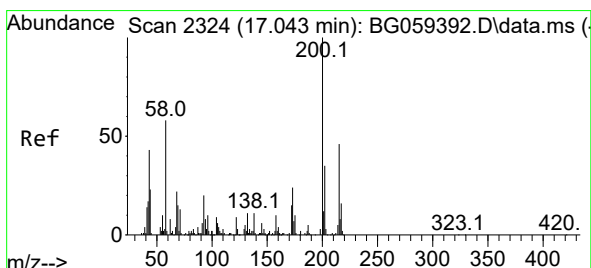
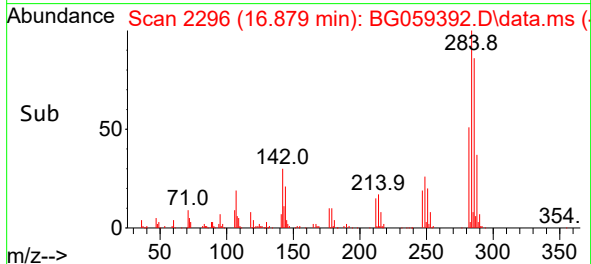
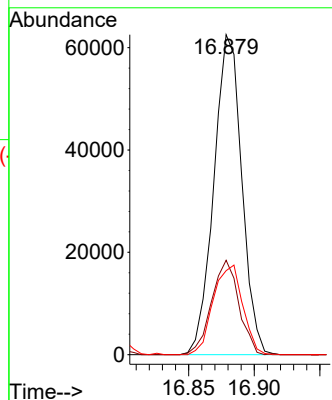
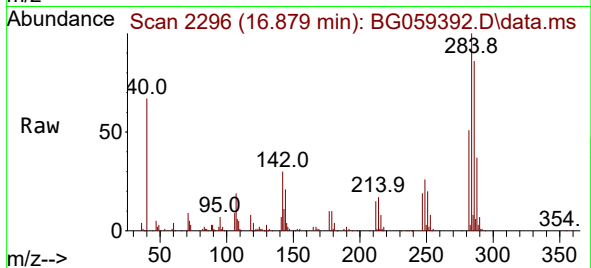
Tgt Ion:284 Resp: 92449

Ion Ratio Lower Upper

284 100

142 29.5 23.8 35.8

249 29.3 23.0 34.6



#70

Atrazine

Concen: 20.415 ng/ul

RT: 17.043 min Scan# 2324

Delta R.T. -0.002 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

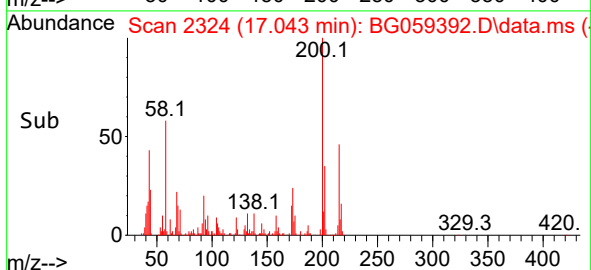
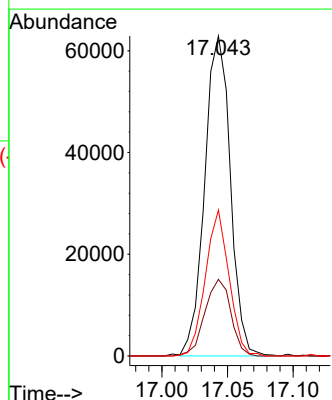
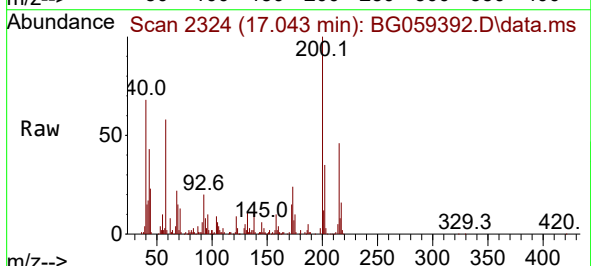
Tgt Ion:200 Resp: 85622

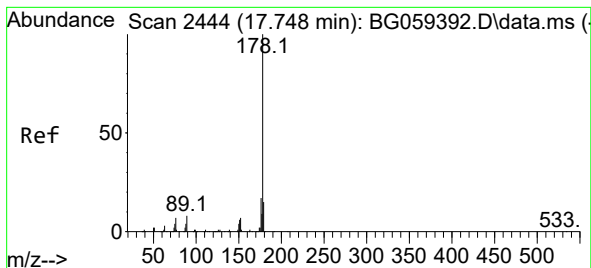
Ion Ratio Lower Upper

200 100

173 24.0 19.4 29.0

215 45.6 34.2 51.4





#72

Phenanthrene

Concen: 20.572 ng/ul

RT: 17.748 min Scan# 2444

Delta R.T. 0.092 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Instrument :

BNA_G

ClientSampleId :

SSTD020593

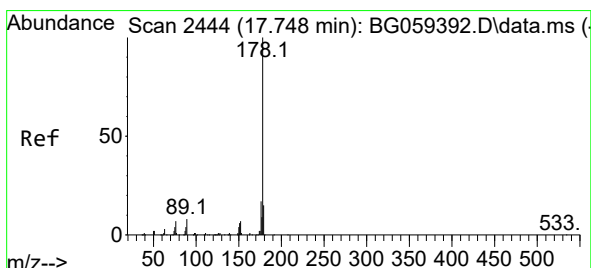
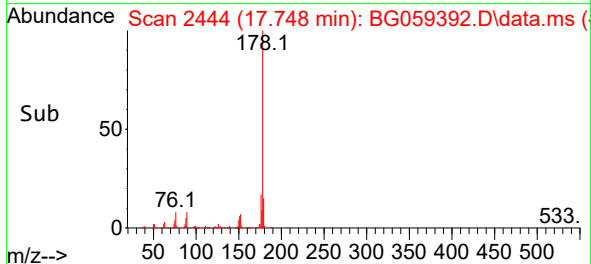
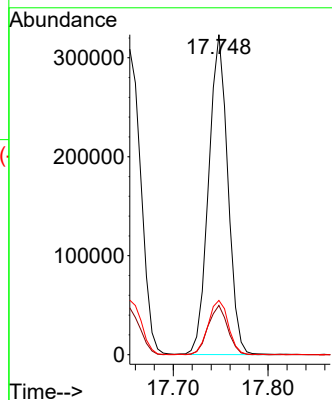
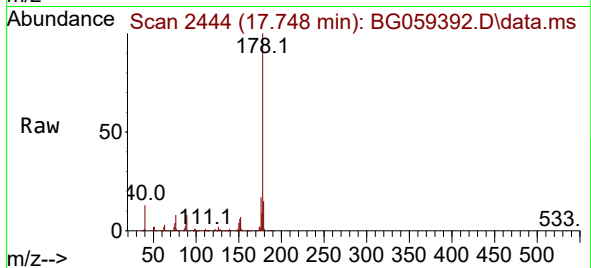
Tgt Ion:178 Resp: 455430

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 17.0 15.2 22.8



#74

Anthracene

Concen: 20.181 ng/ul

RT: 17.748 min Scan# 2444

Delta R.T. -0.002 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

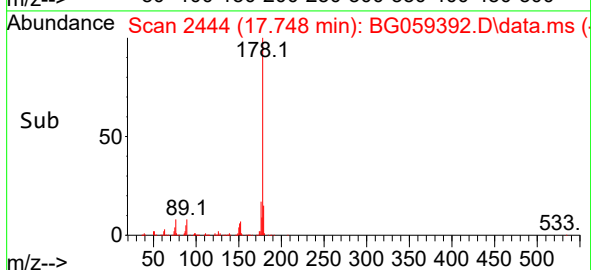
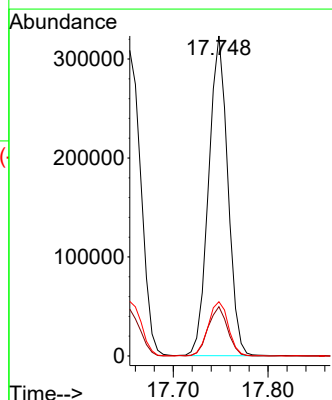
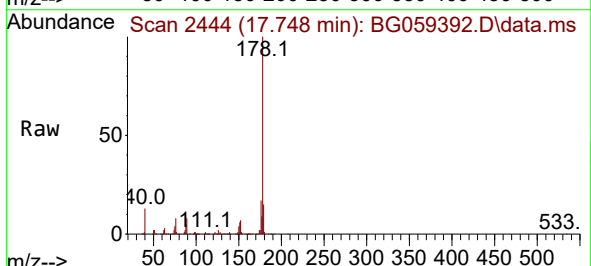
Tgt Ion:178 Resp: 454377

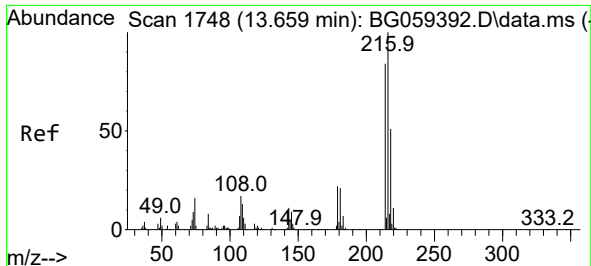
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 17.0 14.6 21.8

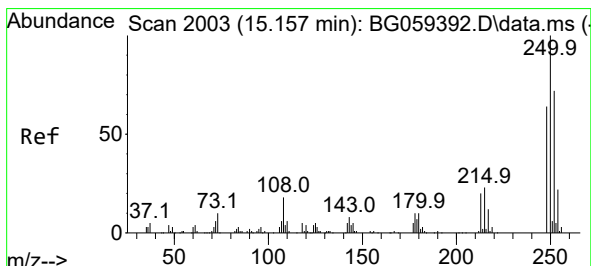
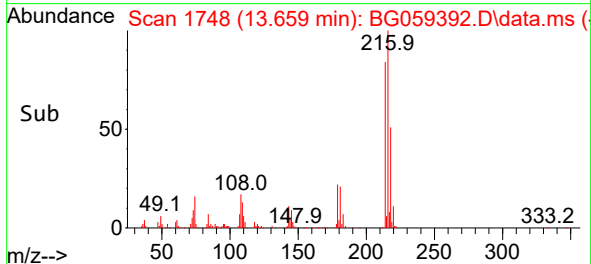
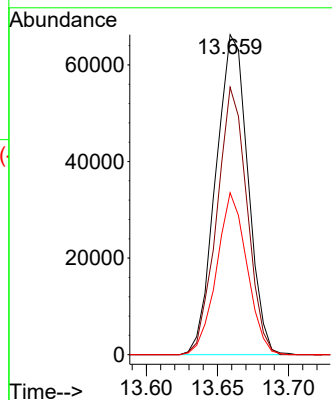
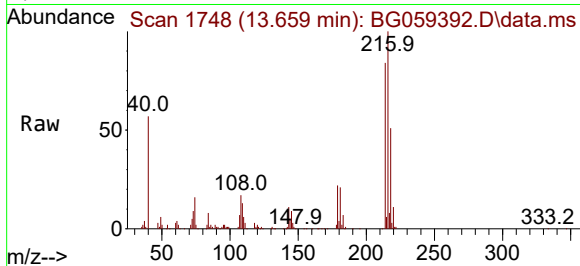




#75
1,2,3,4-Tetrachlorobenzene
Concen: 21.476 ng/uL
RT: 13.659 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

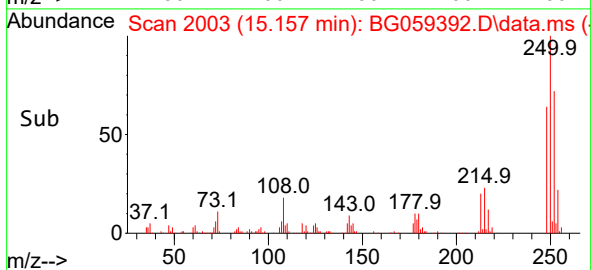
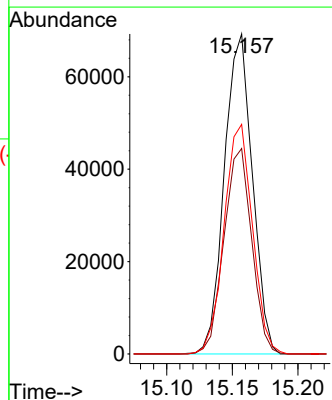
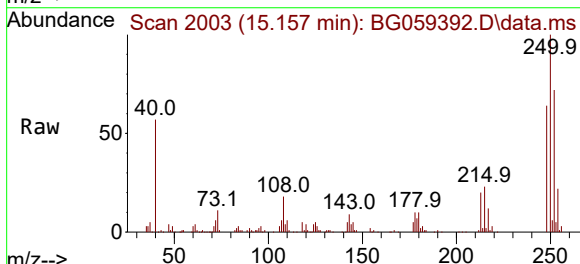
Instrument :
BNA_G
ClientSampleId :
SSTD020593

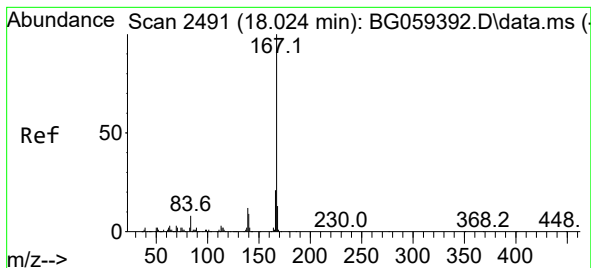
Tgt Ion:216 Resp: 104295
Ion Ratio Lower Upper
216 100
214 83.6 68.5 102.7
218 53.4 37.8 56.8



#76
Pentachlorobenzene
Concen: 20.466 ng/uL
RT: 15.157 min Scan# 2003
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:250 Resp: 102863
Ion Ratio Lower Upper
250 100
248 64.2 45.4 68.2
252 71.8 56.6 84.8





#77

Carbazole

Concen: 20.123 ng/ul

RT: 18.024 min Scan# 2491

Delta R.T. -0.002 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Instrument :

BNA_G

ClientSampleId :

SSTD020593

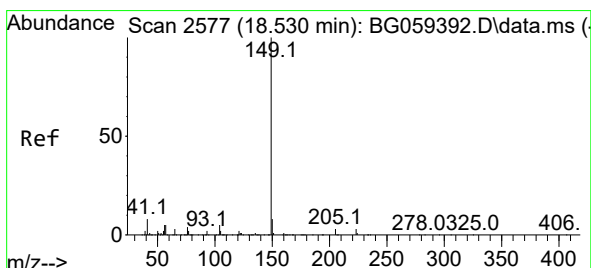
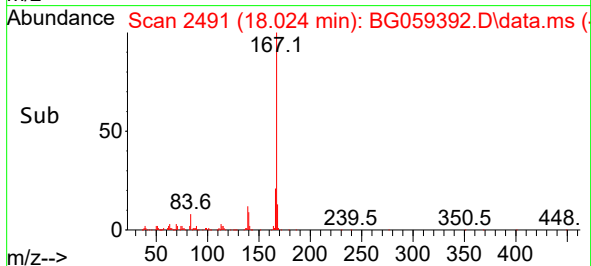
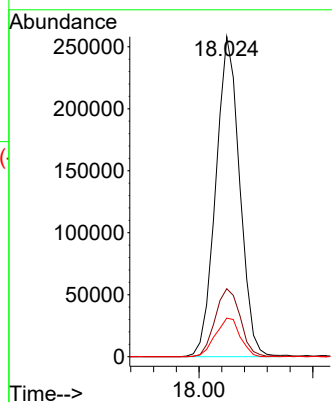
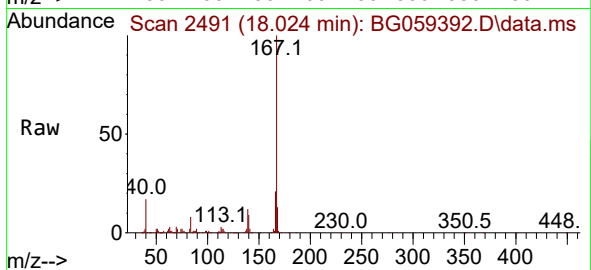
Tgt Ion:167 Resp: 377046

Ion Ratio Lower Upper

167 100

166 21.3 18.2 27.4

139 12.1 9.1 13.7



#78

Di-n-butylphthalate

Concen: 20.153 ng/ul

RT: 18.530 min Scan# 2577

Delta R.T. 0.004 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

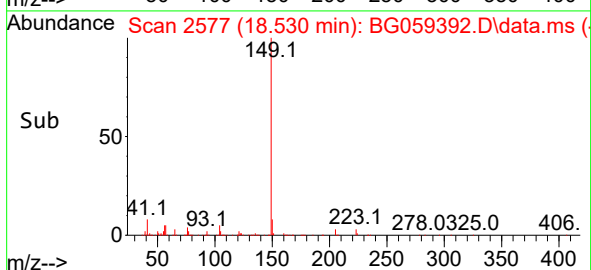
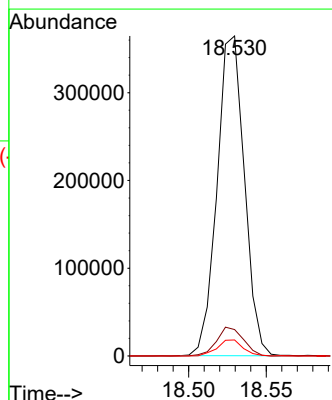
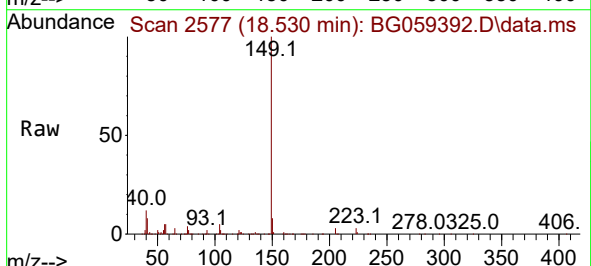
Tgt Ion:149 Resp: 446747

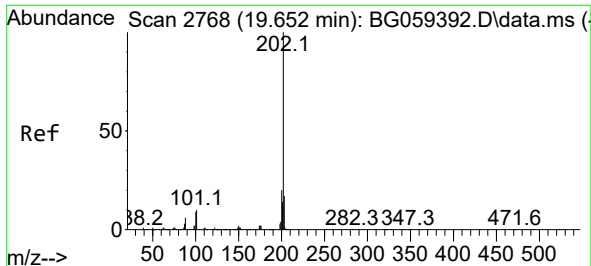
Ion Ratio Lower Upper

149 100

150 8.3 7.5 11.3

104 5.0 3.4 5.2

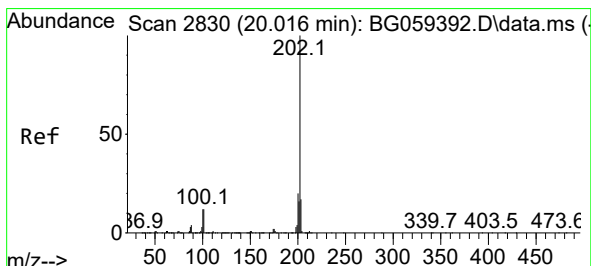
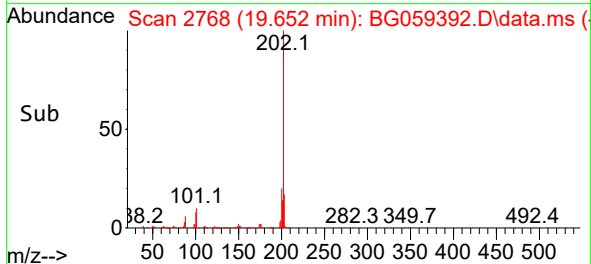
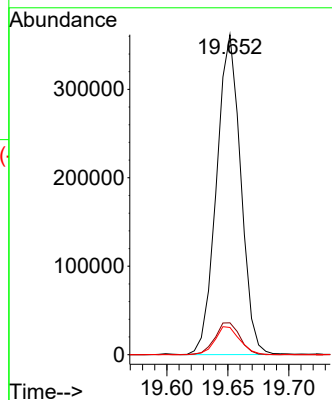
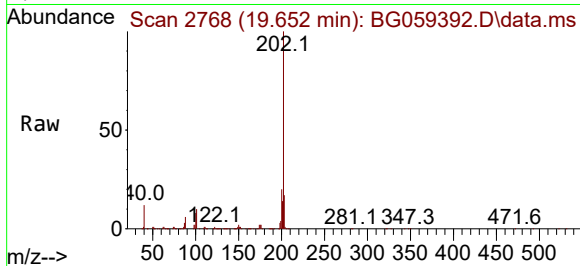




#80
 Fluoranthene
 Concen: 21.312 ng/ul
 RT: 19.652 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG059392.D
 Acq: 9 Oct 2023 10:55

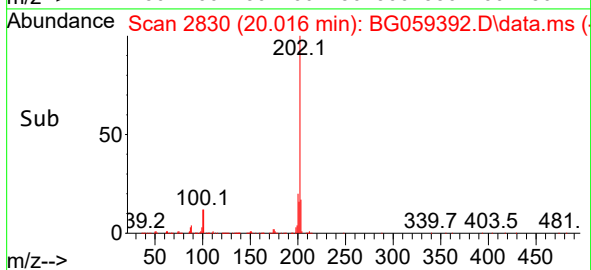
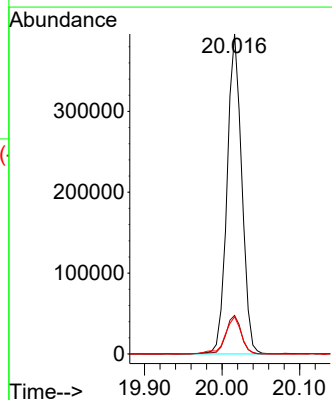
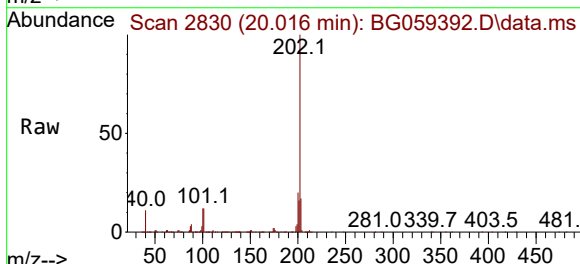
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020593

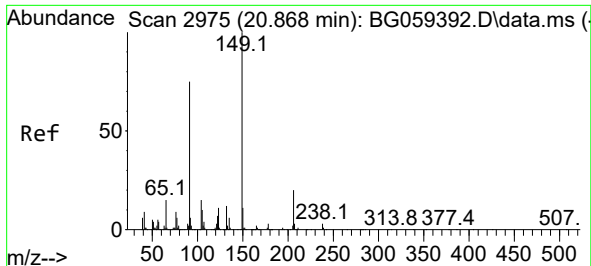
Tgt Ion:202 Resp: 500278
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.0 12.0
 100 8.5 7.2 10.8



#82
 Pyrene
 Concen: 21.342 ng/ul
 RT: 20.016 min Scan# 2830
 Delta R.T. -0.002 min
 Lab File: BG059392.D
 Acq: 9 Oct 2023 10:55

Tgt Ion:202 Resp: 520662
 Ion Ratio Lower Upper
 202 100
 101 12.0 10.5 15.7
 100 11.6 9.6 14.4

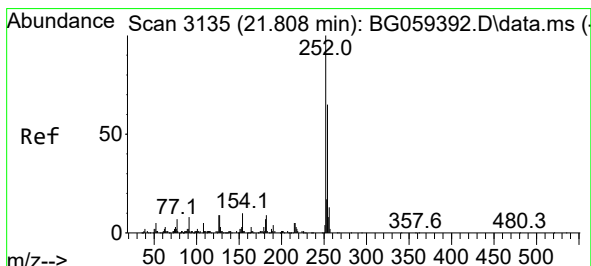
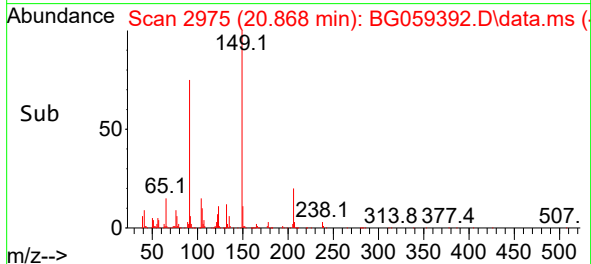
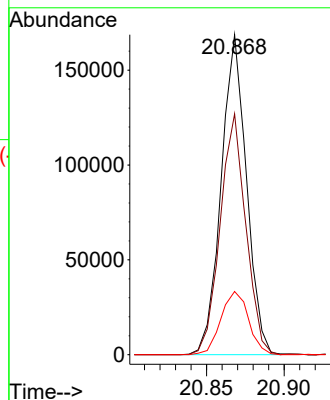
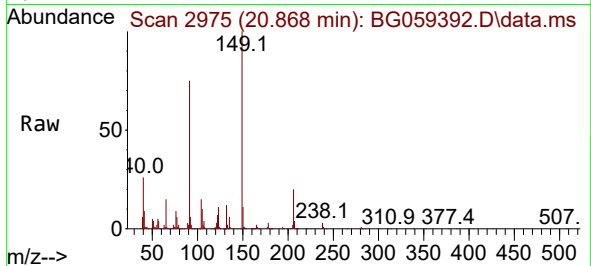




#83
Butylbenzylphthalate
Concen: 21.219 ng/ul
RT: 20.868 min Scan# 2975
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

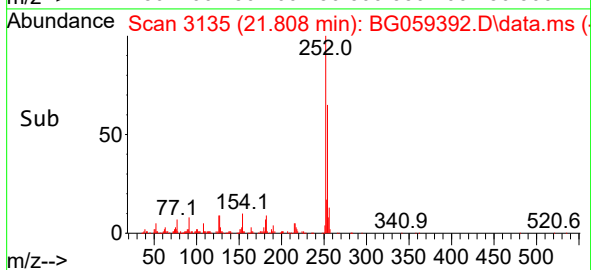
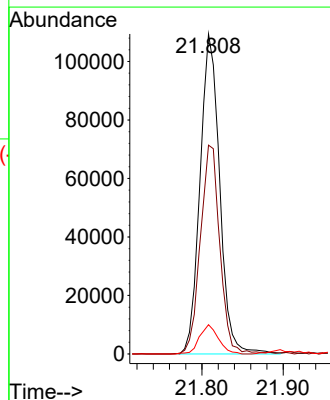
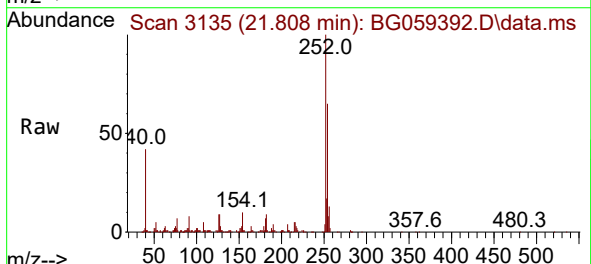
Instrument :
BNA_G
ClientSampleId :
SSTD020593

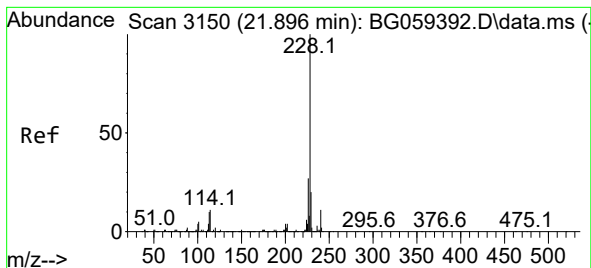
Tgt Ion:149 Resp: 191271
Ion Ratio Lower Upper
149 100
91 75.2 62.0 93.0
206 19.7 16.3 24.5



#84
3,3'-Dichlorobenzidine
Concen: 23.632 ng/ul
RT: 21.808 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:252 Resp: 183594
Ion Ratio Lower Upper
252 100
254 65.2 55.5 83.3
126 9.1 9.0 13.4





#85

Benzo(a)anthracene

Concen: 20.949 ng/ul

RT: 21.896 min Scan# 3150

Delta R.T. 0.004 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Instrument :

BNA_G

ClientSampleId :

SSTD020593

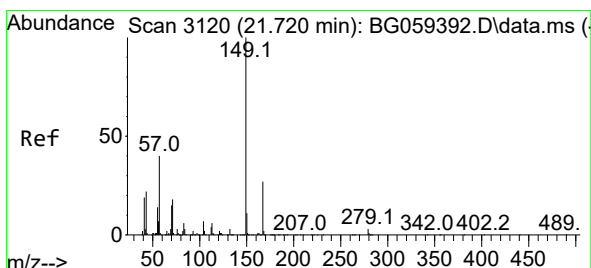
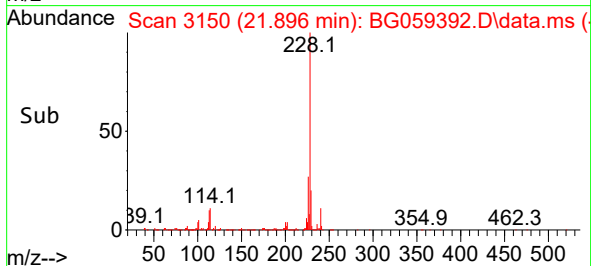
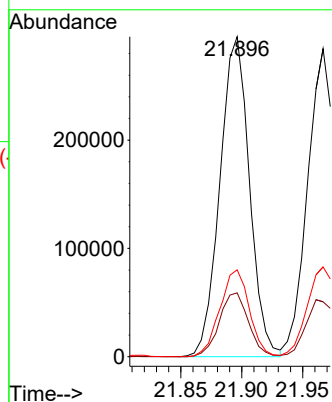
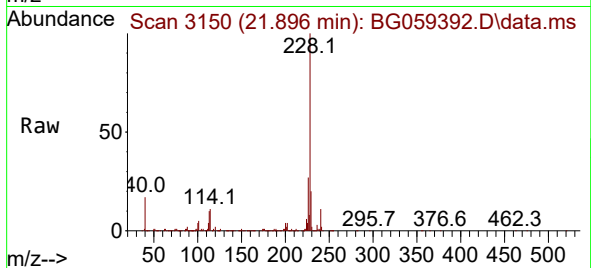
Tgt Ion:228 Resp: 498230

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.8

226 27.1 23.3 34.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.532 ng/ul

RT: 21.720 min Scan# 3120

Delta R.T. -0.002 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

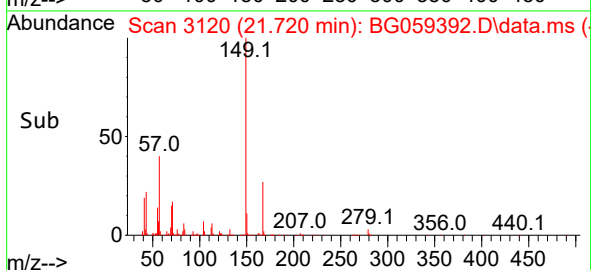
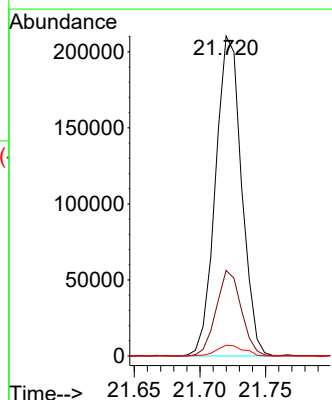
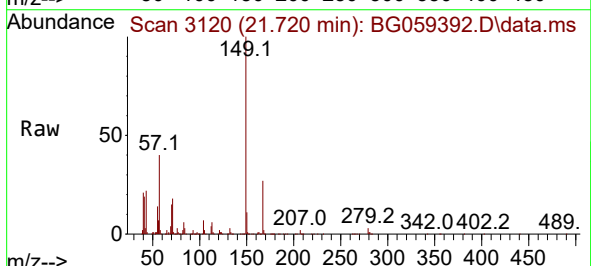
Tgt Ion:149 Resp: 290282

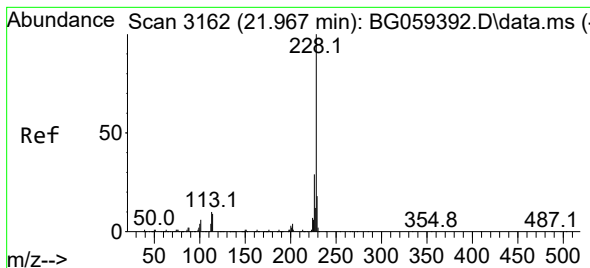
Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

279 3.4 2.8 4.2





#87

Chrysene

Concen: 20.980 ng/ul

RT: 21.967 min Scan# 3162

Delta R.T. -0.002 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Instrument :

BNA_G

ClientSampleId :

SSTD020593

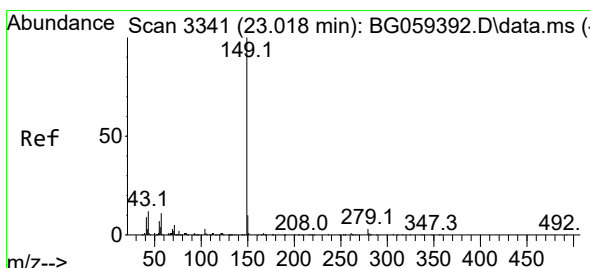
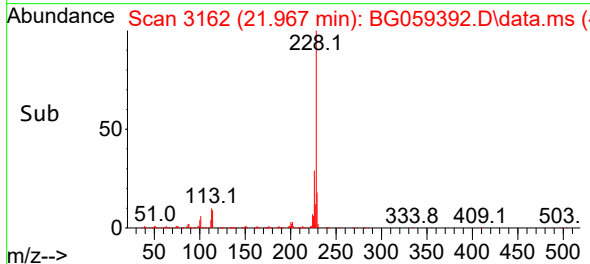
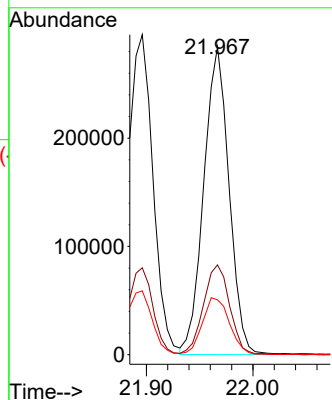
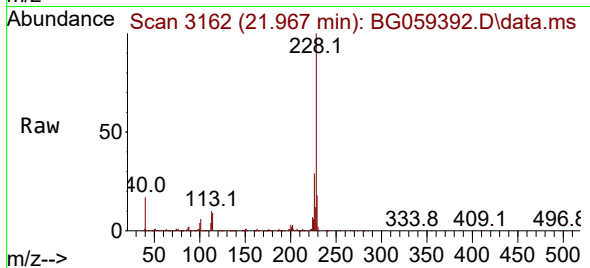
Tgt Ion:228 Resp: 468675

Ion Ratio Lower Upper

228 100

226 29.1 25.2 37.8

229 17.8 15.0 22.4



#89

Di-n-octyl phthalate

Concen: 20.905 ng/ul

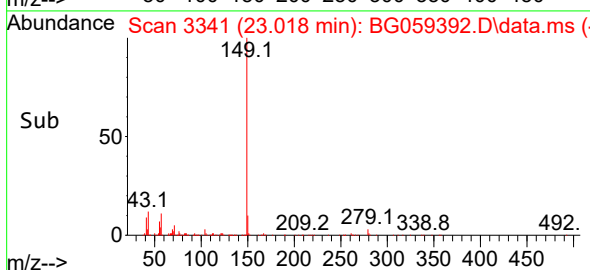
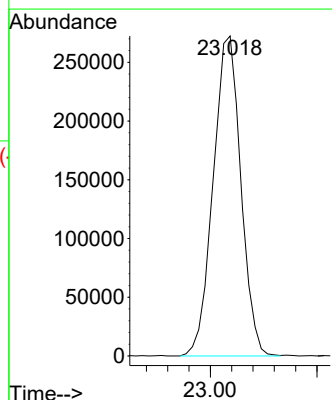
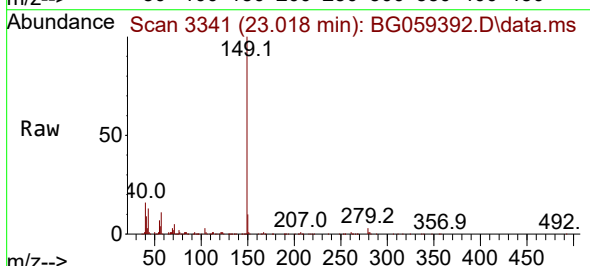
RT: 23.018 min Scan# 3341

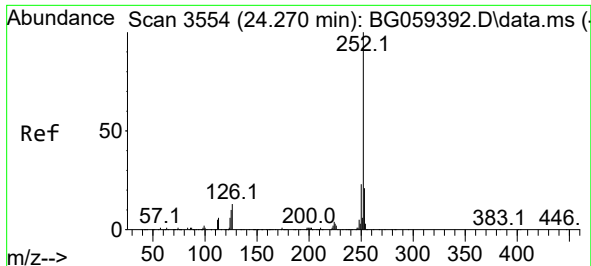
Delta R.T. 0.004 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Tgt Ion:149 Resp: 490308

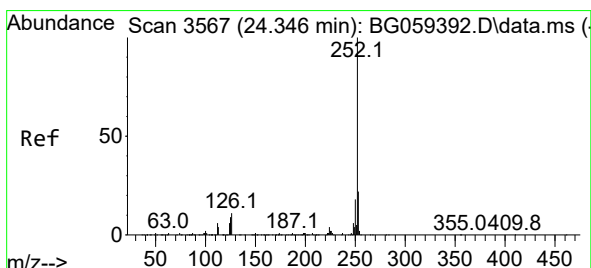
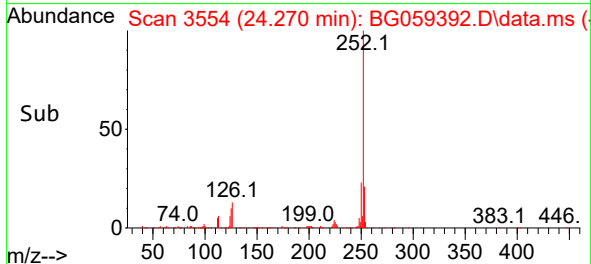
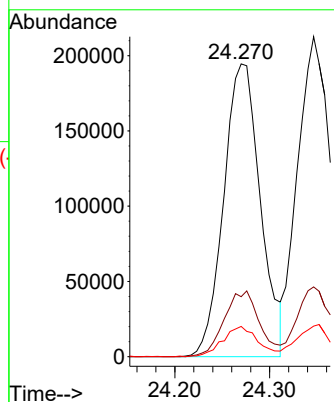
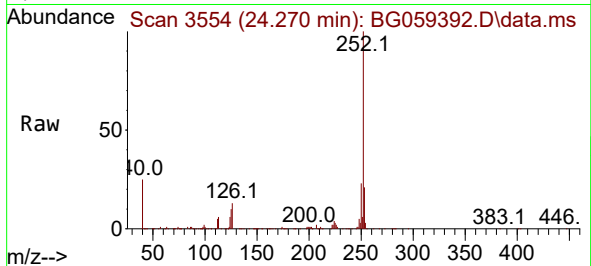




#90
Benzo(b)fluoranthene
Concen: 21.355 ng/ul
RT: 24.270 min Scan# 3554
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

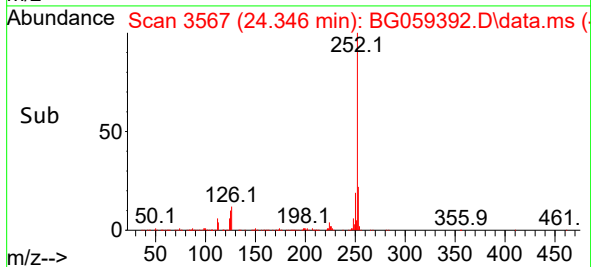
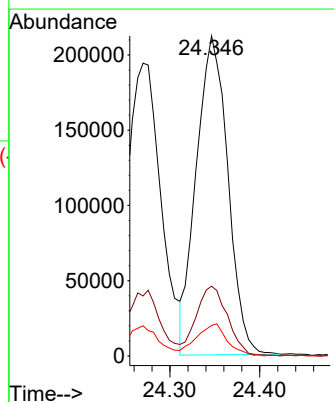
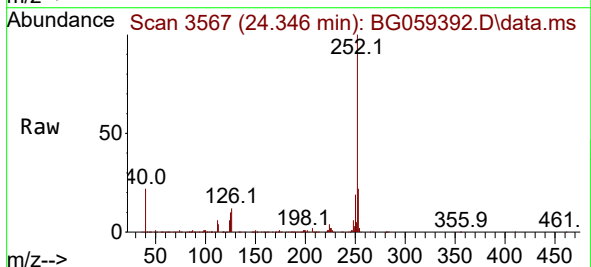
Instrument :
BNA_G
ClientSampleId :
SSTD020593

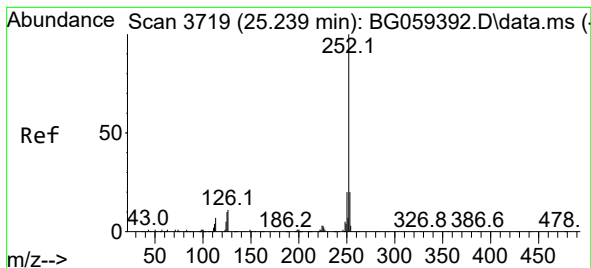
Tgt Ion:252 Resp: 522998
Ion Ratio Lower Upper
252 100
253 20.5 17.3 25.9
125 10.3 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 20.768 ng/ul
RT: 24.346 min Scan# 3567
Delta R.T. -0.002 min
Lab File: BG059392.D
Acq: 9 Oct 2023 10:55

Tgt Ion:252 Resp: 516414
Ion Ratio Lower Upper
252 100
253 21.8 19.0 28.4
125 9.5 9.0 13.4





#93

Benzo(a)pyrene

Concen: 20.830 ng/ul

RT: 25.239 min Scan# 3719

Delta R.T. 0.010 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Instrument :

BNA_G

ClientSampleId :

SSTD020593

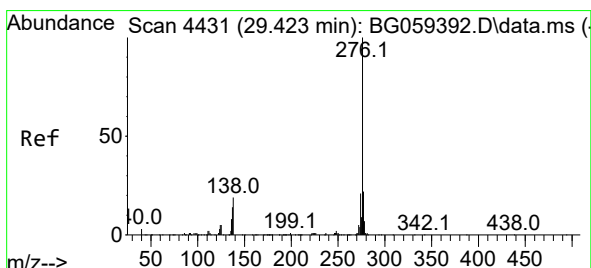
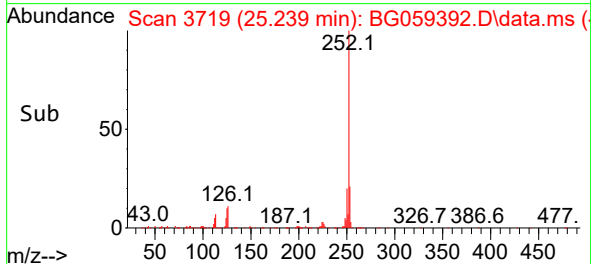
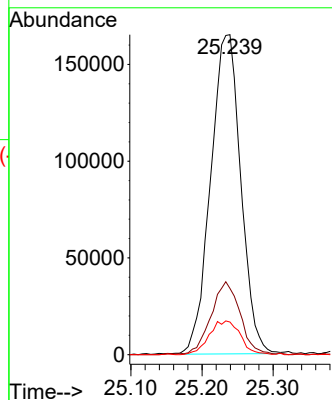
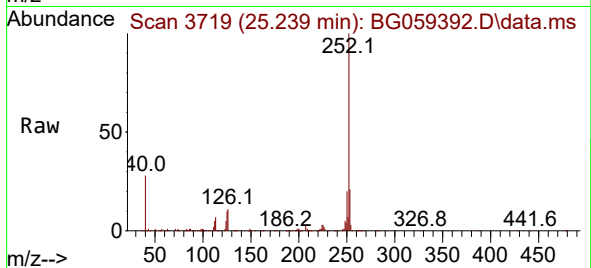
Tgt Ion:252 Resp: 485923

Ion Ratio Lower Upper

252 100

253 20.7 18.5 27.7

125 10.2 8.7 13.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.936 ng/ul

RT: 29.423 min Scan# 4431

Delta R.T. -0.002 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

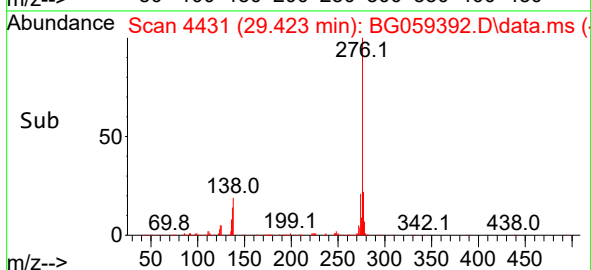
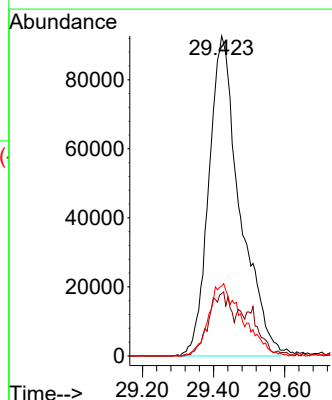
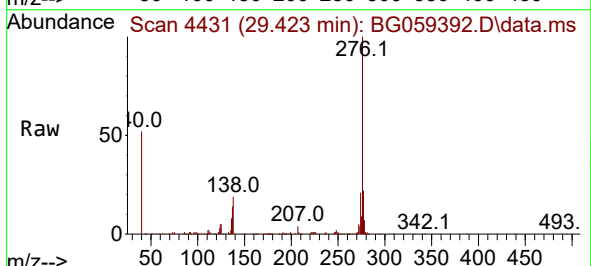
Tgt Ion:276 Resp: 562581

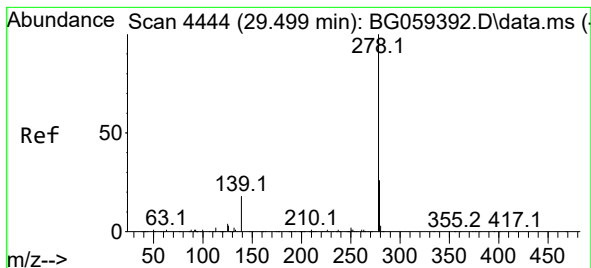
Ion Ratio Lower Upper

276 100

138 19.5 16.2 24.4

277 21.8 17.1 25.7





#95

Dibenzo(a,h)anthracene

Concen: 21.070 ng/ul

RT: 29.499 min Scan# 4444

Delta R.T. 0.004 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Instrument :

BNA_G

ClientSampleId :

SSTD020593

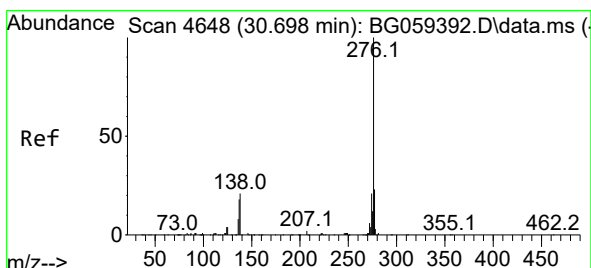
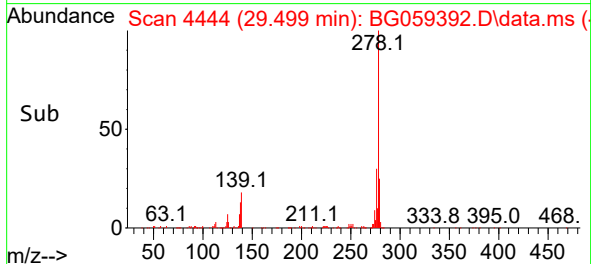
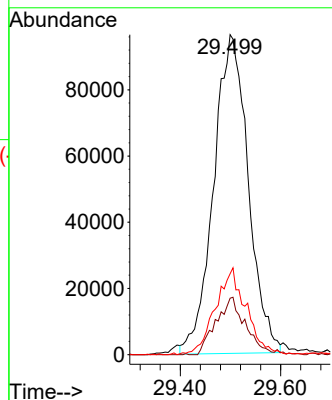
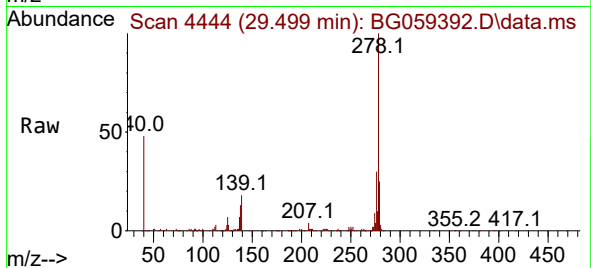
Tgt Ion:278 Resp: 460394

Ion Ratio Lower Upper

278 100

139 17.7 13.7 20.5

279 25.3 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 20.471 ng/ul

RT: 30.698 min Scan# 4648

Delta R.T. -0.013 min

Lab File: BG059392.D

Acq: 9 Oct 2023 10:55

Tgt Ion:276 Resp: 438720

Ion Ratio Lower Upper

276 100

138 21.6 19.0 28.4

277 23.1 17.2 25.8

