

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059582.D
 Acq On : 1 Nov 2023 16:40
 Operator : MA/JU
 Sample : PB156564BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS564

Quant Time: Nov 02 02:32:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	88317	20.000	ng/ul	0.00
20) Naphthalene-d8	11.210	136	393188	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.988	164	253478	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.738	188	543850	20.000	ng/ul	0.00
79) Chrysene-d12	22.080	240	384959	20.000	ng/ul	0.00
88) Perylene-d12	25.693	264	430699	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.543	96	202	0.086	ng/uL	-0.11
4) Pyridine-d5	4.089	84	132002	20.012	ng/ul	0.00
7) Phenol-d5	7.473	99	216621	23.869	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	94665	22.709	ng/ul	0.00
11) 2-Chlorophenol-d4	7.873	132	180688	24.541	ng/ul	0.00
15) 4-Methylphenol-d8	9.042	113	189192	26.276	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	94375	33.757	ng/ul	0.00
24) 2-Nitrophenol-d4	10.276	143	107963	37.617	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.805	165	182284	28.827	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	274314	26.353	ng/ul	0.00
46) Dimethylphthalate-d6	14.383	166	612563	26.674	ng/ul	0.00
49) Acenaphthylene-d8	14.688	160	719789	26.708	ng/ul	0.00
54) 4-Nitrophenol-d4	15.158	143	126124	32.027	ng/ul	0.00
60) Fluorene-d10	15.975	176	533837	27.201	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.081	200	90688	35.212	ng/ul	0.00
73) Anthracene-d10	17.838	188	787499	26.728	ng/ul	0.00
81) Pyrene-d10	20.106	212	790257	29.534	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.441	264	715398	28.208	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.695	88	17449	6.604	ng/ul#	91
5) Pyridine	4.113	79	121785	18.717	ng/ul#	83
6) Benzaldehyde	7.503	77	110313	26.986	ng/ul	97
8) Phenol	7.497	94	229862	26.866	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.773	93	150728	24.023	ng/ul	96
12) 2-Chlorophenol	7.908	128	196717	26.950	ng/ul	91
13) 2-Methylphenol	8.778	108	193253	27.095	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.866	45	94098	15.937	ng/ul#	84
16) Acetophenone	9.201	105	303005	26.697	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.165	70	129183	24.156	ng/ul#	96
18) 4-Methylphenol	9.107	108	210336	27.716	ng/ul	95
19) Hexachloroethane	9.447	117	80424	27.741	ng/ul	88
22) Nitrobenzene	9.600	77	206750	34.262	ng/ul#	96
23) Isophorone	10.111	82	405306	26.671	ng/ul#	92
25) 2-Nitrophenol	10.311	139	109991	35.634	ng/ul#	84
26) 2,4-Dimethylphenol	10.329	107	206621	25.450	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.593	93	215281	25.443	ng/ul	98
29) 2,4-Dichlorophenol	10.828	162	183657	30.021	ng/ul	90
30) Naphthalene	11.257	128	655104	26.732	ng/ul	99
32) 4-Chloroaniline	11.375	127	252757	25.563	ng/ul#	86
33) Hexachlorobutadiene	11.486	225	99730	27.174	ng/ul	99
34) Caprolactam	12.150	113	45263	20.225	ng/ul#	87
35) 4-Chloro-3-methylphenol	12.438	107	227105	31.113	ng/ul	93
36) 2-Methylnaphthalene	12.838	142	460881	27.336	ng/ul	95

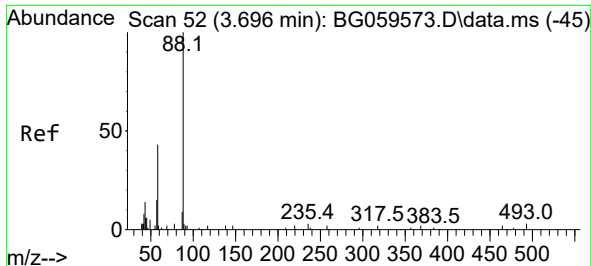
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.055	142	470437	28.014	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.178	216	204636	27.990	ng/ul	98
40) Hexachlorocyclopentadiene	13.131	237	101196	23.745	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.419	196	152994	30.222	ng/ul	93
42) 2,4,5-Trichlorophenol	13.484	196	167998	30.652	ng/ul	89
43) 1,1'-Biphenyl	13.825	154	624794	27.247	ng/ul	95
44) 2-Chloronaphthalene	13.878	162	479535	26.907	ng/ul#	93
45) 2-Nitroaniline	14.089	65	132608	39.989	ng/ul	92
47) Dimethylphthalate	14.430	163	610746	26.919	ng/ul#	95
48) 2,6-Dinitrotoluene	14.571	165	124571	36.397	ng/ul#	71
50) Acenaphthylene	14.718	152	844800	27.206	ng/ul	96
51) 3-Nitroaniline	14.906	138	147960	34.683	ng/ul#	85
52) Acenaphthene	15.053	153	561976	27.765	ng/ul	99
53) 2,4-Dinitrophenol	15.100	184	60439	31.079	ng/ul#	79
55) 4-Nitrophenol	15.176	109	157542	36.300	ng/ul	95
56) Dibenzofuran	15.382	168	737308	28.097	ng/ul	89
57) 2,4-Dinitrotoluene	15.346	165	178138	37.002	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.587	232	142306	33.082	ng/ul#	94
59) Diethylphthalate	15.775	149	704594	28.469	ng/ul	98
61) Fluorene	16.034	166	636135	28.081	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.016	204	283826	29.316	ng/ul	97
63) 4-Nitroaniline	16.069	138	153907	33.995	ng/ul	84
66) 4,6-Dinitro-2-methylph...	16.099	198	90529	33.352	ng/ul#	86
67) N-Nitrosodiphenylamine	16.234	169	542354	29.186	ng/ul	97
68) 4-Bromophenyl-phenylether	16.915	248	168307	30.927	ng/ul	98
69) Hexachlorobenzene	17.003	284	186951	29.724	ng/ul	97
70) Atrazine	17.168	200	169029	29.354	ng/ul	93
71) Pentachlorophenol	17.356	266	122946	34.217	ng/ul	93
72) Phenanthrene	17.785	178	976241	27.612	ng/ul	99
74) Anthracene	17.879	178	998332	27.966	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.784	216	204131	28.186	ng/ul	92
76) Pentachlorobenzene	15.276	250	201522	29.323	ng/ul	96
77) Carbazole	18.149	167	902885	29.442	ng/ul	97
78) Di-n-butylphthalate	18.660	149	1145232	27.179	ng/ul	99
80) Fluoranthene	19.777	202	1013986	31.087	ng/ul#	96
82) Pyrene	20.141	202	999646	29.505	ng/ul#	94
83) Butylbenzylphthalate	21.005	149	461024	30.130	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.962	252	305024	30.470	ng/ul#	94
85) Benzo(a)anthracene	22.056	228	912695	28.810	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.892	149	672407	29.451	ng/ul	98
87) Chrysene	22.133	228	849282	28.819	ng/ul	99
89) Di-n-octyl phthalate	23.249	149	1147480	30.430	ng/ul	100
90) Benzo(b)fluoranthene	24.524	252	909185	29.122	ng/ul#	96
91) Benzo(k)fluoranthene	24.600	252	887782	28.468	ng/ul#	96
93) Benzo(a)pyrene	25.517	252	853249	28.916	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.876	276	511718	13.682	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.976	278	915787	29.647	ng/ul	97
96) Benzo(g,h,i)perylene	31.204	276	493213	16.112	ng/ul#	92

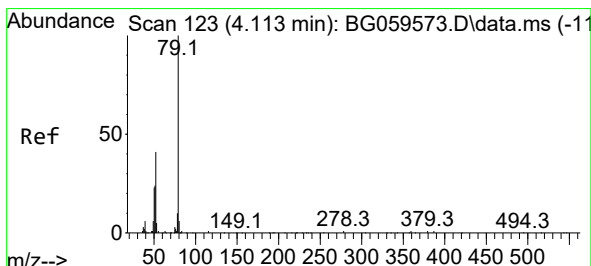
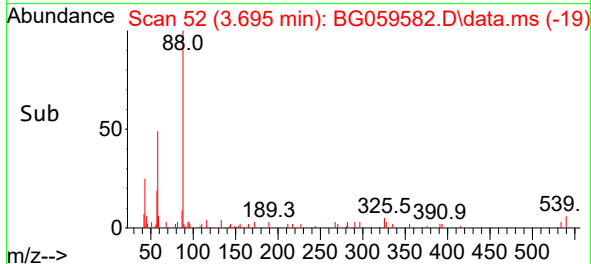
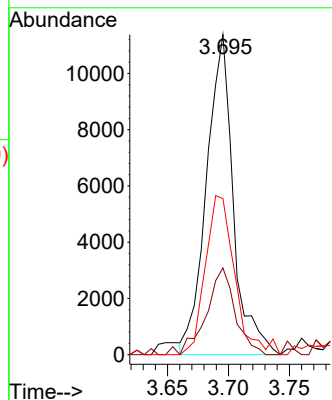
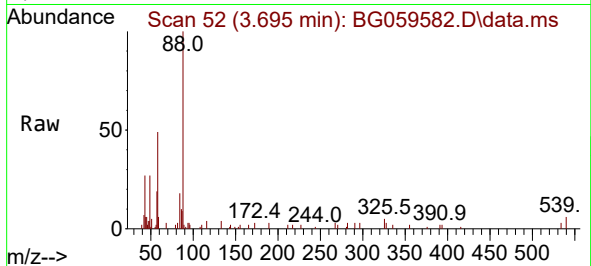
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#2
1,4-Dioxane
Concen: 6.604 ng/uL
RT: 3.695 min Scan# 51
Delta R.T. -0.007 min
Lab File: BG059582.D
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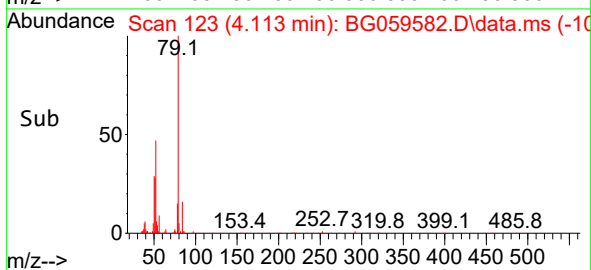
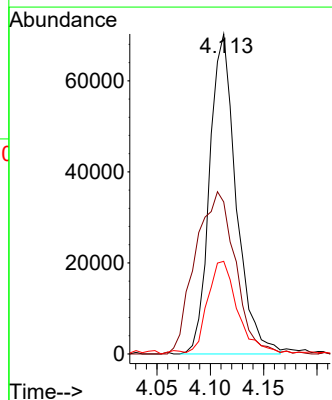
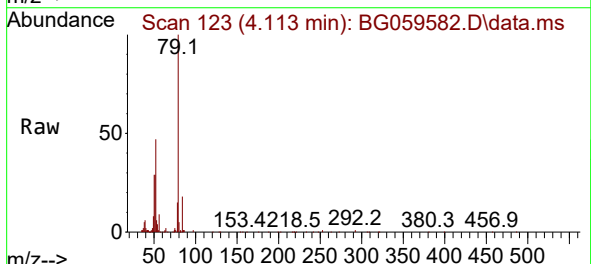
Instrument :
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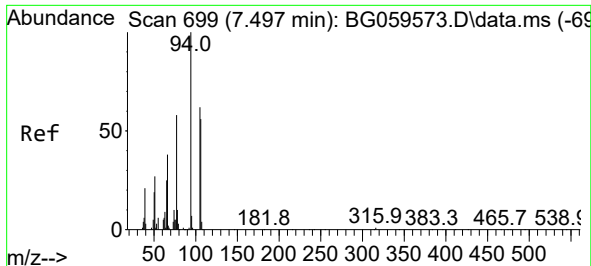
Tgt Ion: 88 Resp: 17449
Ion Ratio Lower Upper
88 100
43 27.1 15.7 23.5#
58 48.8 36.2 54.2



#5
Pyridine
Concen: 18.717 ng/uL
RT: 4.113 min Scan# 123
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion: 79 Resp: 121785
Ion Ratio Lower Upper
79 100
52 47.5 53.3 79.9#
51 29.0 22.4 33.6

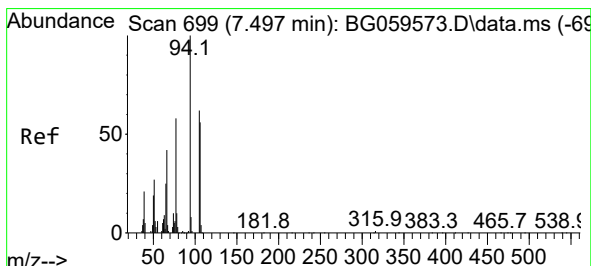
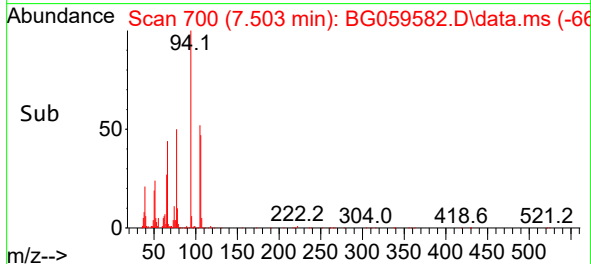
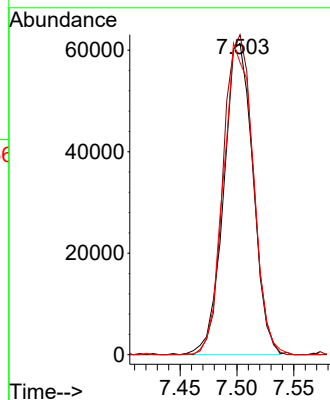
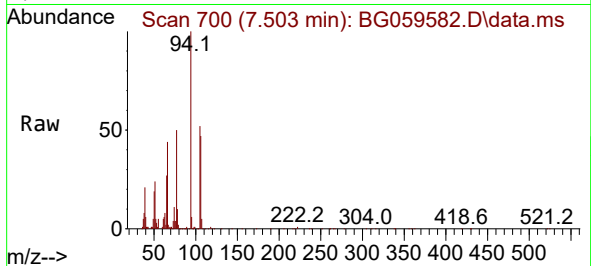




#6
Benzaldehyde
Concen: 26.986 ng/ul
RT: 7.503 min Scan# 700
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

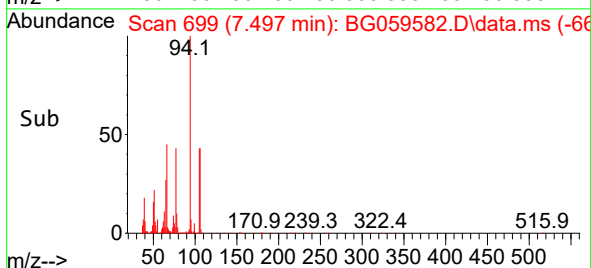
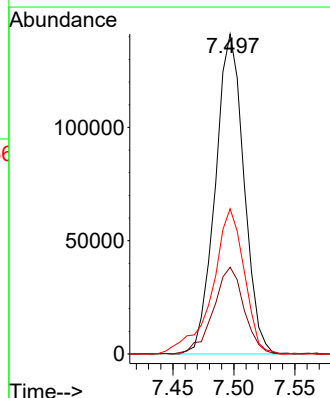
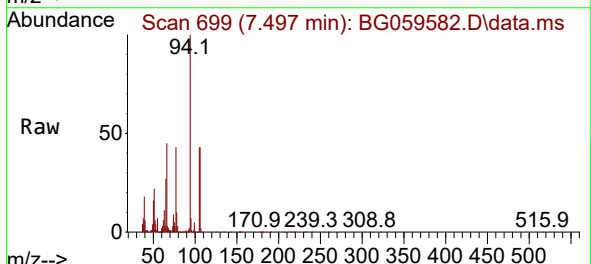
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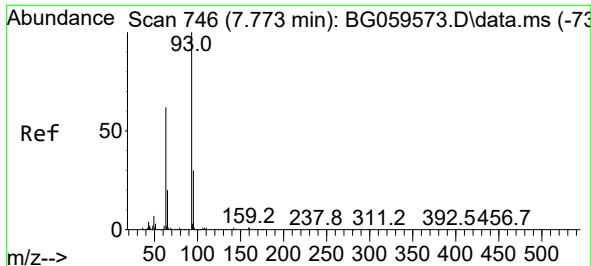
Tgt Ion: 77 Resp: 110313
Ion Ratio Lower Upper
77 100
105 102.8 83.6 125.4
106 93.8 78.6 118.0



#8
Phenol
Concen: 26.866 ng/ul
RT: 7.497 min Scan# 699
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion: 94 Resp: 229862
Ion Ratio Lower Upper
94 100
65 27.1 22.5 33.7
66 45.4 31.1 46.7



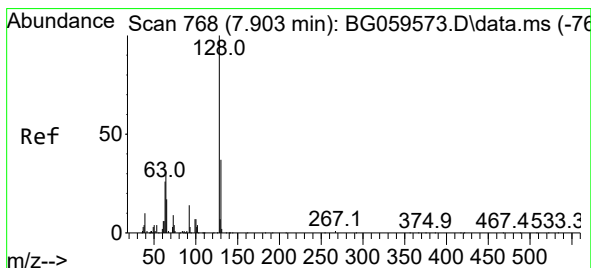
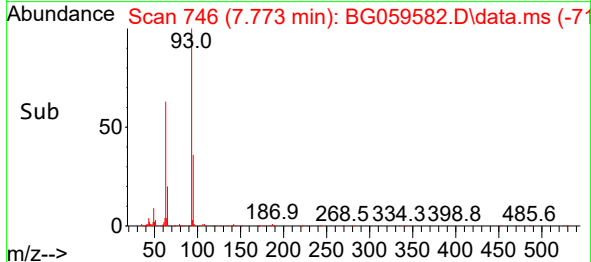
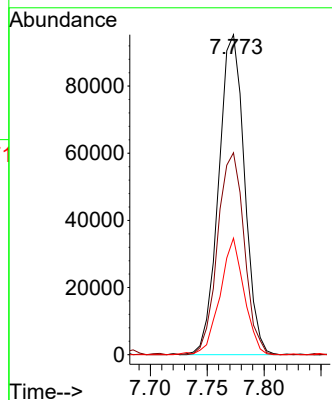
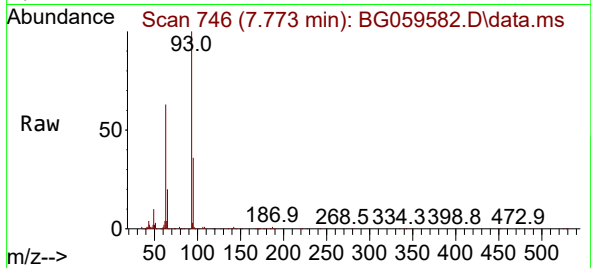


#10
Bis(2-Chloroethyl)ether
Concen: 24.023 ng/ul
RT: 7.773 min Scan# 746
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Instrument :
BNA_G
ClientSampleId :
SLCS564

Tgt Ion: 93 Resp: 150728

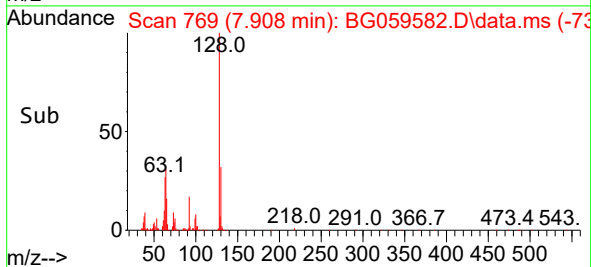
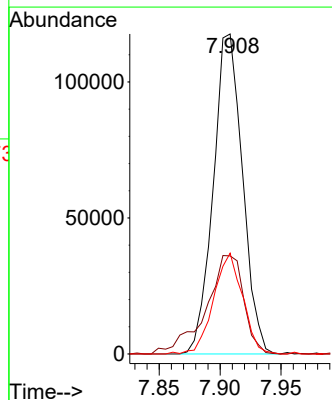
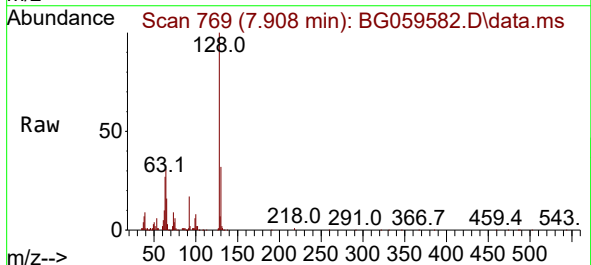
Ion	Ratio	Lower	Upper
93	100		
63	63.1	52.5	78.7
95	36.4	26.5	39.7

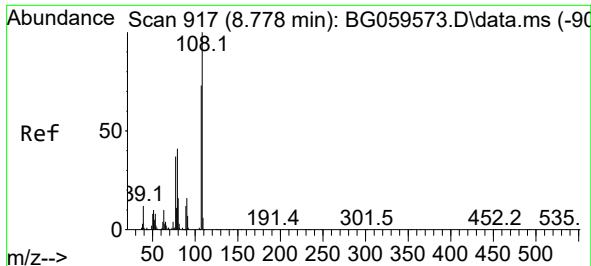


#12
2-Chlorophenol
Concen: 26.950 ng/ul
RT: 7.908 min Scan# 769
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:128 Resp: 196717

Ion	Ratio	Lower	Upper
128	100		
64	30.7	30.2	45.2
130	31.5	27.9	41.9

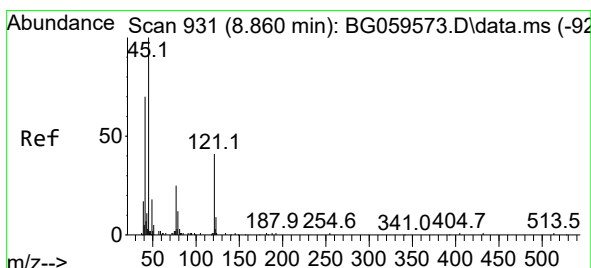
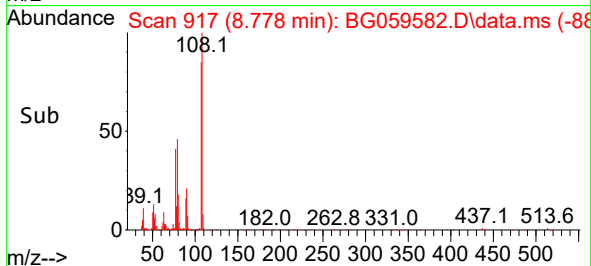
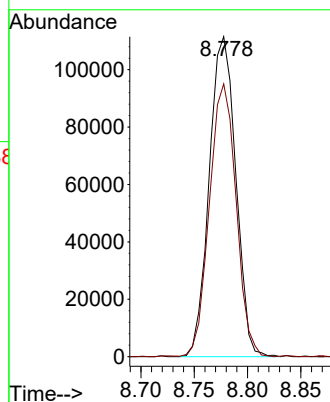
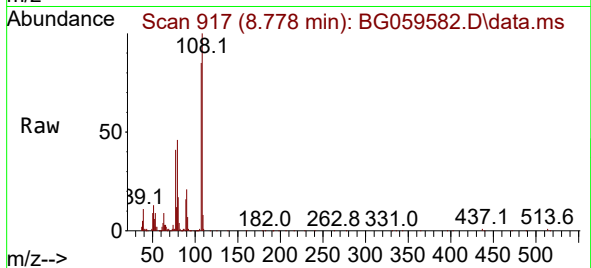




#13
2-Methylphenol
Concen: 27.095 ng/ul
RT: 8.778 min Scan# 917
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

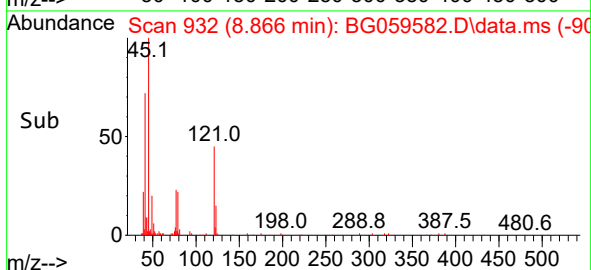
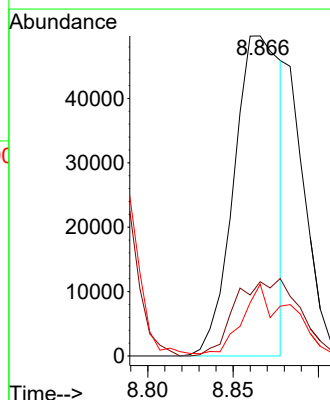
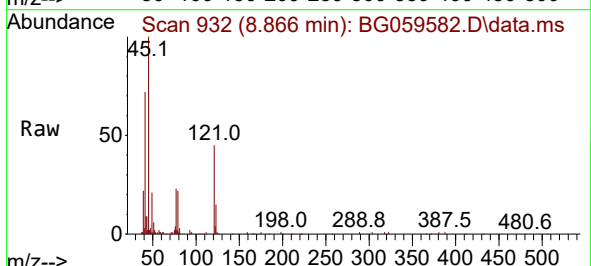
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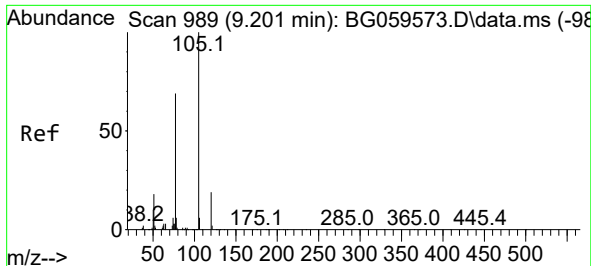
Tgt Ion:108 Resp: 193253
Ion Ratio Lower Upper
108 100
107 85.2 68.6 102.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 15.937 ng/ul
RT: 8.866 min Scan# 932
Delta R.T. -0.012 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion: 45 Resp: 94098
Ion Ratio Lower Upper
45 100
77 23.2 15.0 22.6#
79 22.4 10.0 15.0#

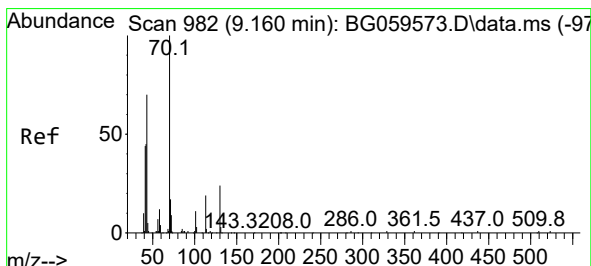
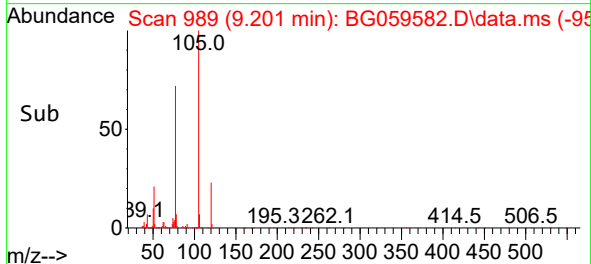
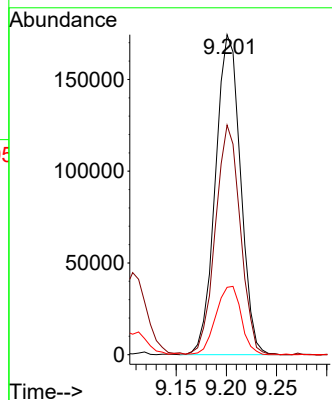
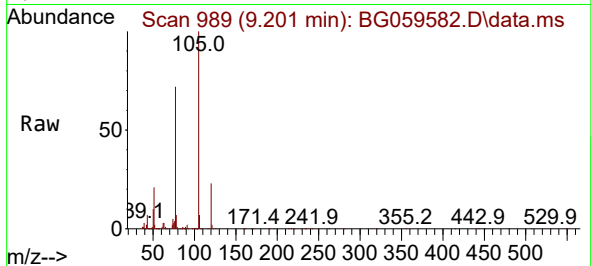




#16
Acetophenone
Concen: 26.697 ng/ul
RT: 9.201 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

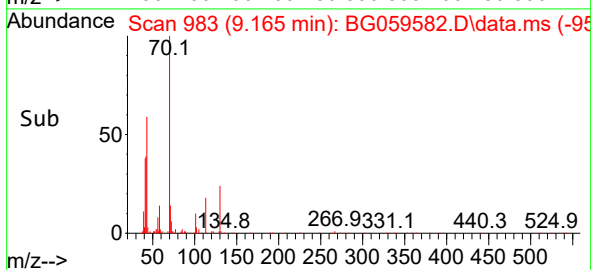
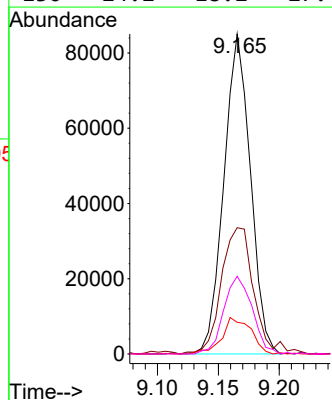
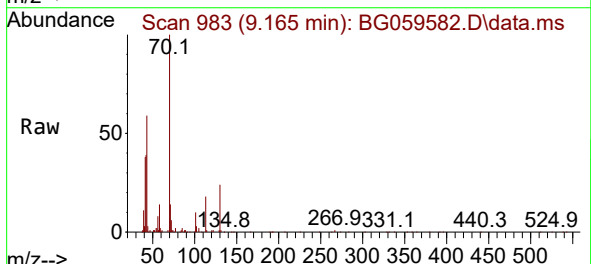
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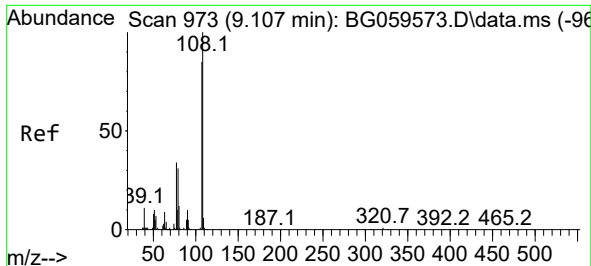
Tgt Ion:105 Resp: 303005
Ion Ratio Lower Upper
105 100
77 71.8 59.6 89.4
51 21.1 16.2 24.4



#17
N-Nitroso-di-n-propylamine
Concen: 24.156 ng/ul
RT: 9.165 min Scan# 983
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion: 70 Resp: 129183
Ion Ratio Lower Upper
70 100
42 39.4 33.8 50.8
101 9.9 5.4 8.0#
130 24.2 18.2 27.4

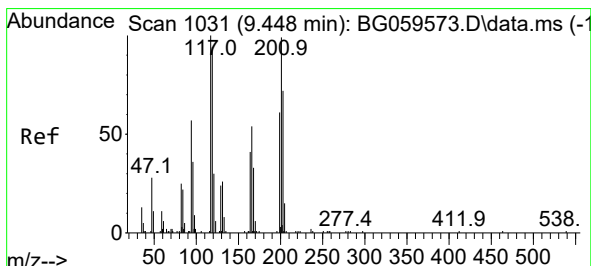
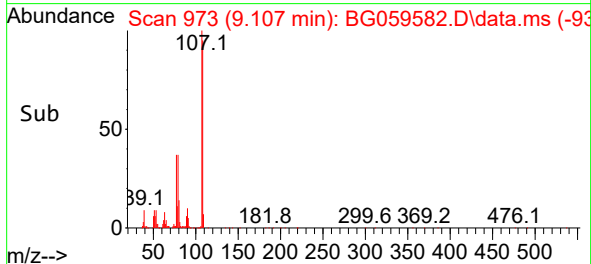
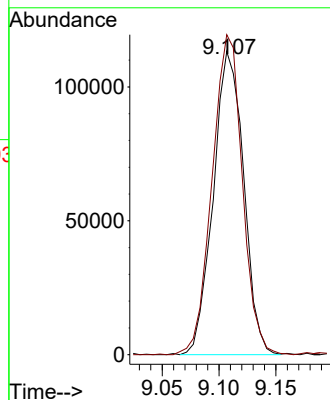
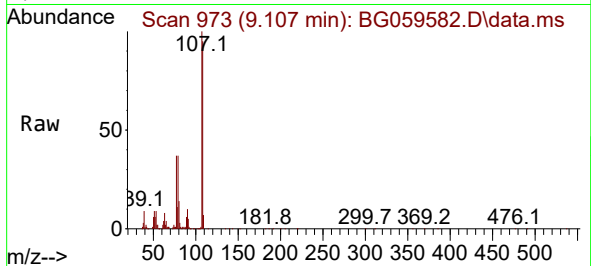




#18
4-Methylphenol
Concen: 27.716 ng/ul
RT: 9.107 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

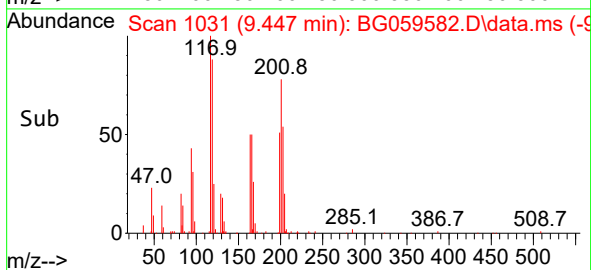
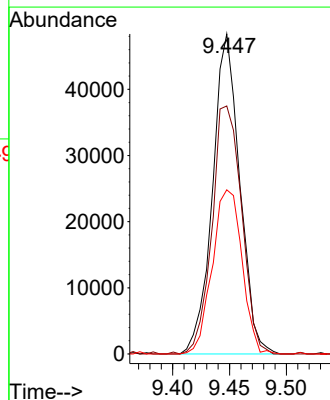
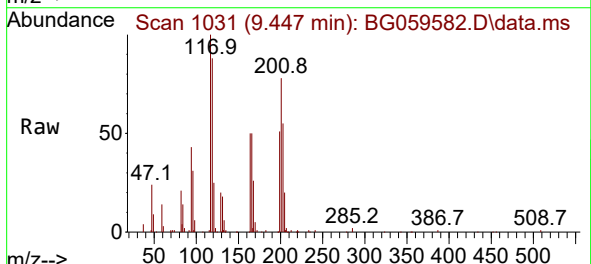
Instrument :
BNA_G
ClientSampleId :
SLCS564

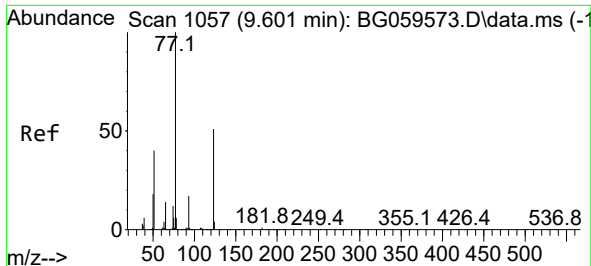
Tgt Ion:108 Resp: 210336
Ion Ratio Lower Upper
108 100
107 105.5 88.9 133.3



#19
Hexachloroethane
Concen: 27.741 ng/ul
RT: 9.447 min Scan# 1031
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:117 Resp: 80424
Ion Ratio Lower Upper
117 100
201 77.5 75.8 113.6
199 51.3 42.3 63.5

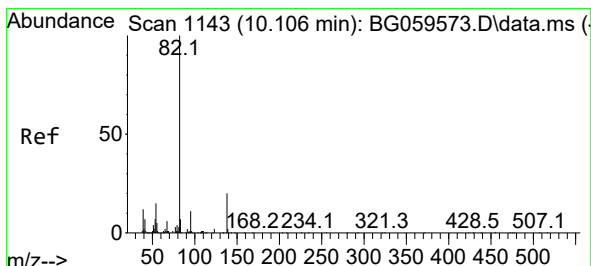
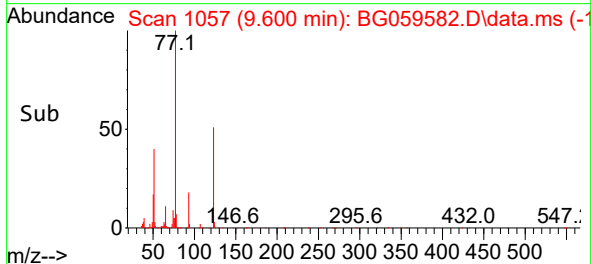
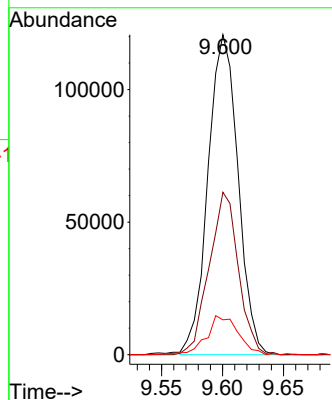
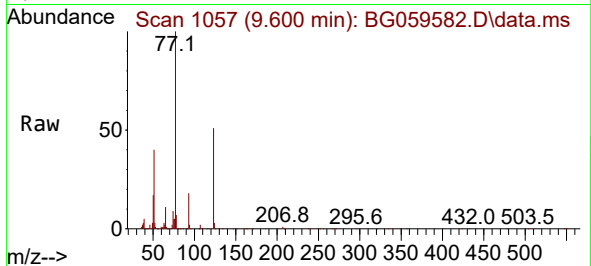




#22
Nitrobenzene
Concen: 34.262 ng/ul
RT: 9.600 min Scan# 1057
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

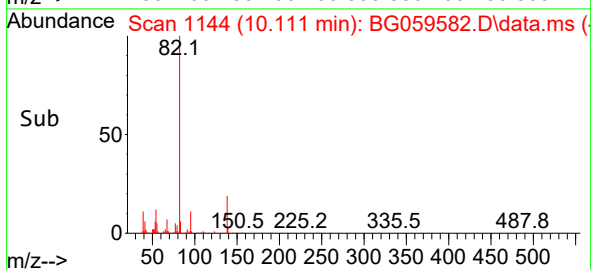
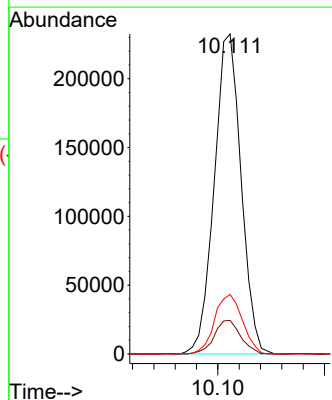
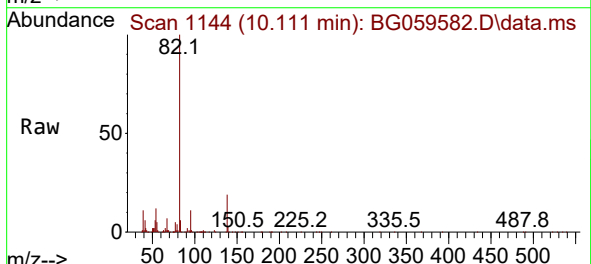
Instrument :
BNA_G
ClientSampleId :
SLCS564

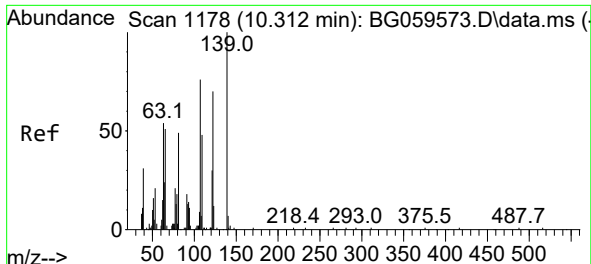
Tgt Ion: 77 Resp: 206750
Ion Ratio Lower Upper
77 100
123 50.8 42.6 63.8
65 10.9 11.0 16.4#



#23
Isophorone
Concen: 26.671 ng/ul
RT: 10.111 min Scan# 1144
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion: 82 Resp: 405306
Ion Ratio Lower Upper
82 100
95 10.5 5.6 8.4#
138 18.6 12.3 18.5#

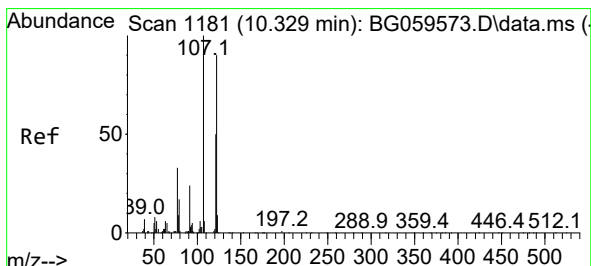
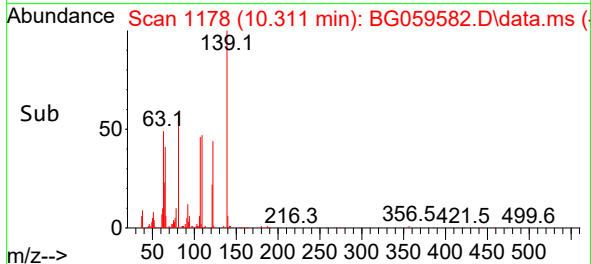
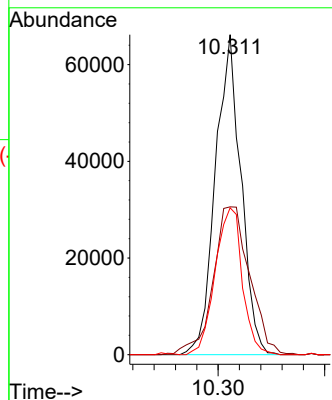
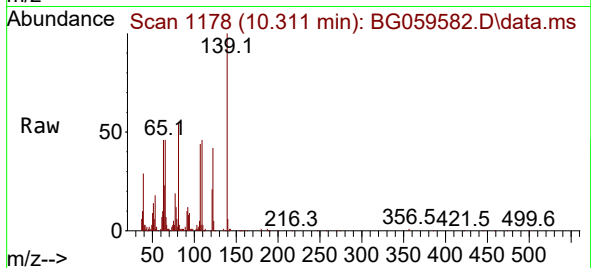




#25
2-Nitrophenol
Concen: 35.634 ng/ul
RT: 10.311 min Scan# 1178
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

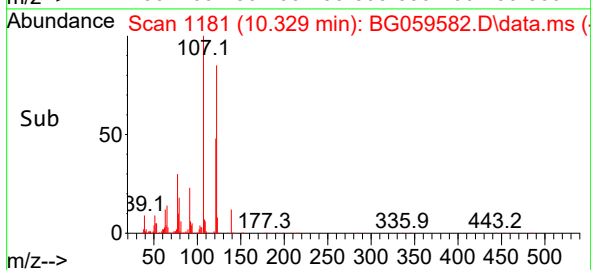
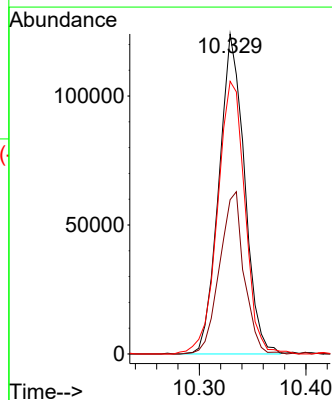
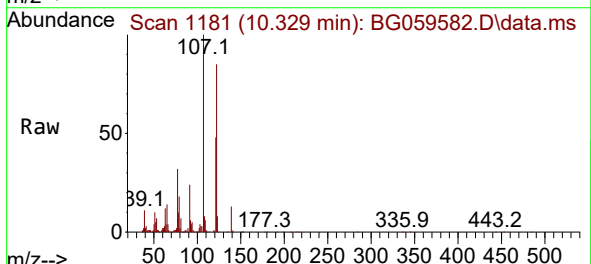
Instrument :
BNA_G
ClientSampleId :
SLCS564

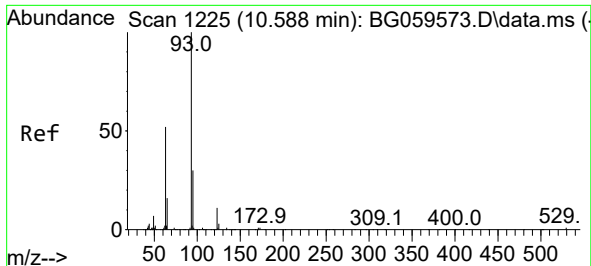
Tgt Ion:139 Resp: 109991
Ion Ratio Lower Upper
139 100
65 46.2 39.7 59.5
109 45.9 21.0 31.6#



#26
2,4-Dimethylphenol
Concen: 25.450 ng/ul
RT: 10.329 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:107 Resp: 206621
Ion Ratio Lower Upper
107 100
121 48.2 42.7 64.1
122 85.2 72.6 108.8

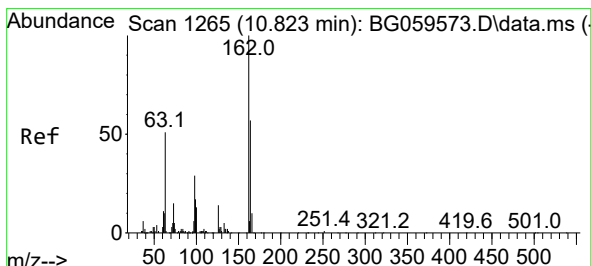
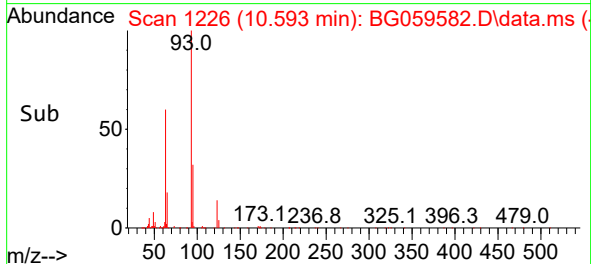
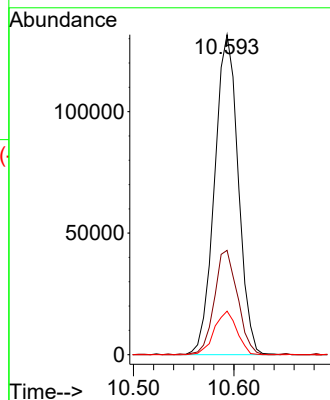
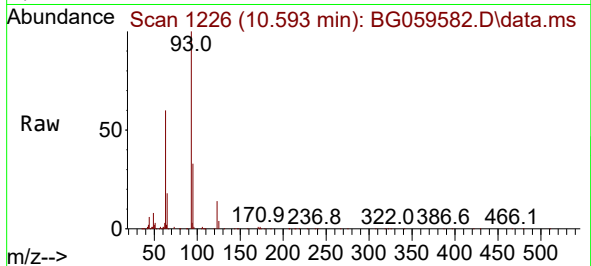




#27
 Bis(2-Chloroethoxy)methane
 Concen: 25.443 ng/ul
 RT: 10.593 min Scan# 1226
 Delta R.T. -0.007 min
 Lab File: BG059582.D
 Acq: 1 Nov 2023 16:40

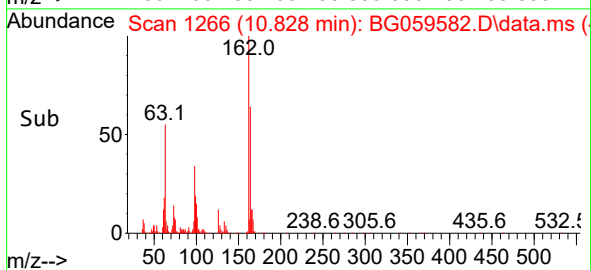
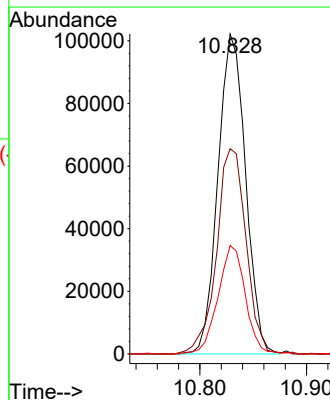
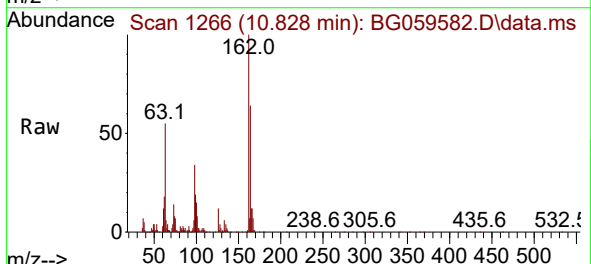
Instrument :
 BNA_G
 ClientSampleId :
 SLCS564

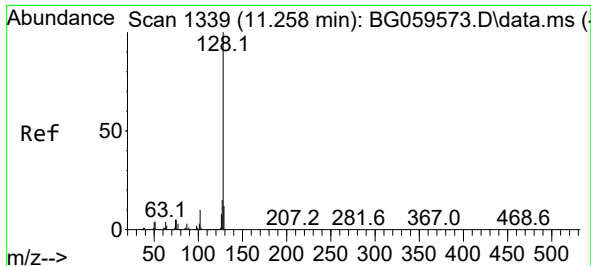
Tgt Ion: 93 Resp: 215281
 Ion Ratio Lower Upper
 93 100
 95 32.6 27.1 40.7
 123 13.6 10.3 15.5



#29
 2,4-Dichlorophenol
 Concen: 30.021 ng/ul
 RT: 10.828 min Scan# 1266
 Delta R.T. -0.001 min
 Lab File: BG059582.D
 Acq: 1 Nov 2023 16:40

Tgt Ion:162 Resp: 183657
 Ion Ratio Lower Upper
 162 100
 164 64.1 45.3 67.9
 98 33.9 32.2 48.4

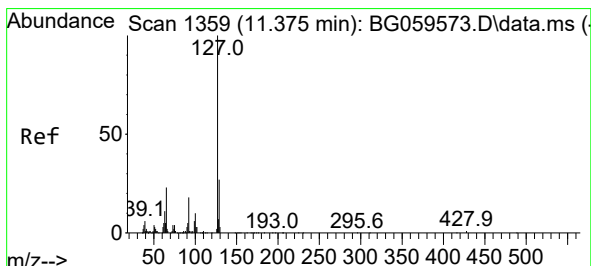
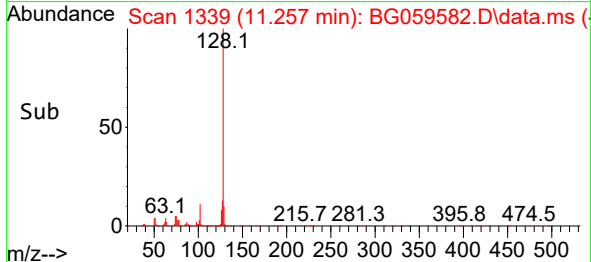
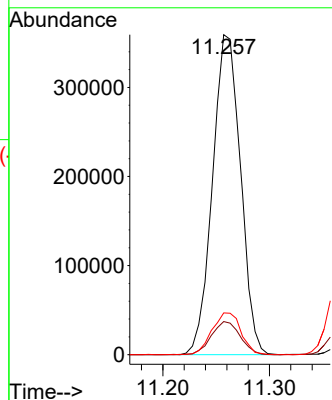
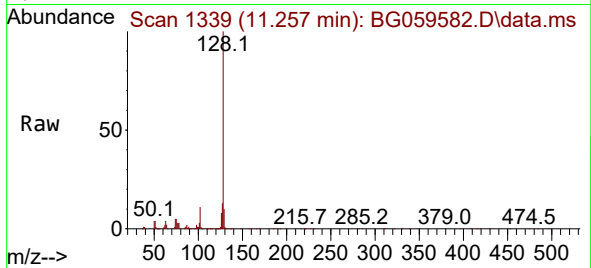




#30
Naphthalene
Concen: 26.732 ng/ul
RT: 11.257 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

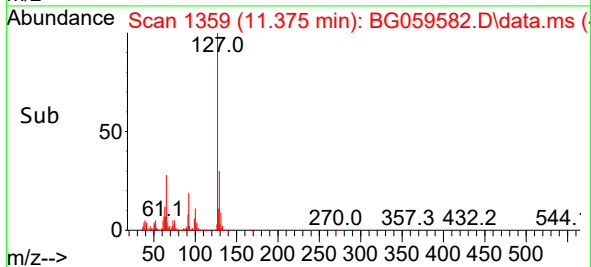
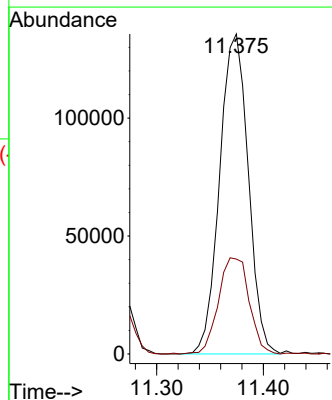
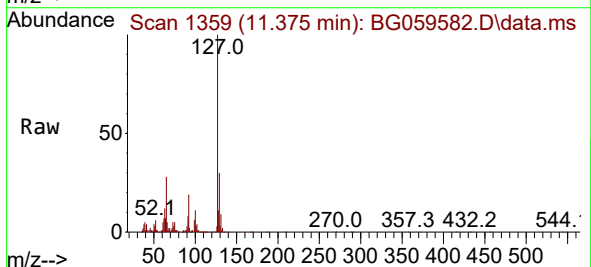
Instrument :
BNA_G
ClientSampleId :
SLCS564

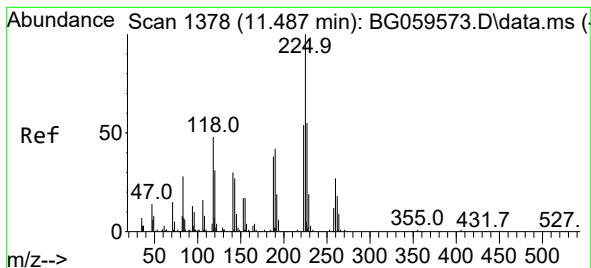
Tgt Ion:128 Resp: 655104
Ion Ratio Lower Upper
128 100
129 10.4 7.4 11.0
127 13.0 10.5 15.7



#32
4-Chloroaniline
Concen: 25.563 ng/ul
RT: 11.375 min Scan# 1359
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:127 Resp: 252757
Ion Ratio Lower Upper
127 100
129 29.6 30.4 45.6#

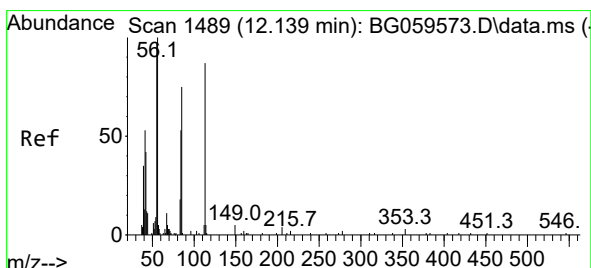
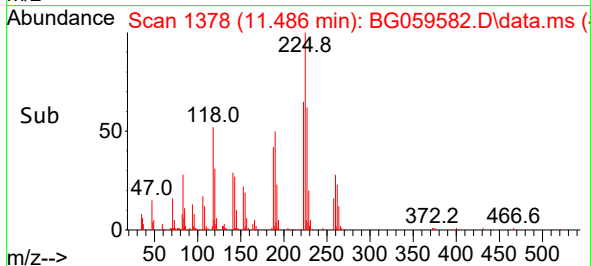
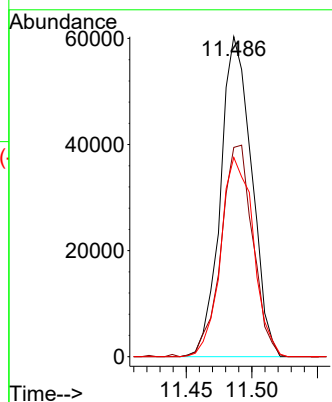
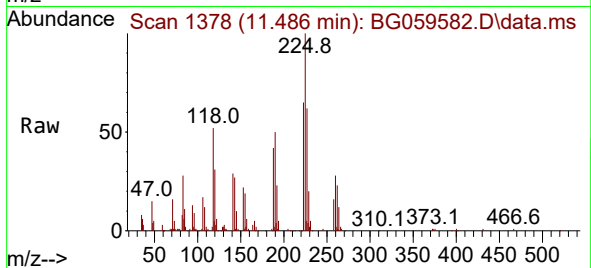




#33
Hexachlorobutadiene
Concen: 27.174 ng/ul
RT: 11.486 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

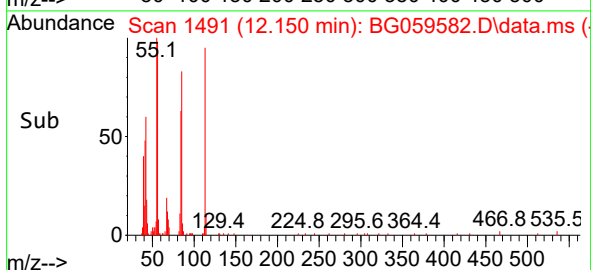
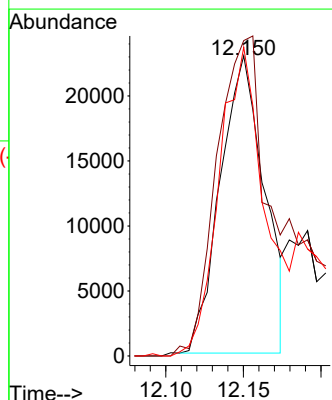
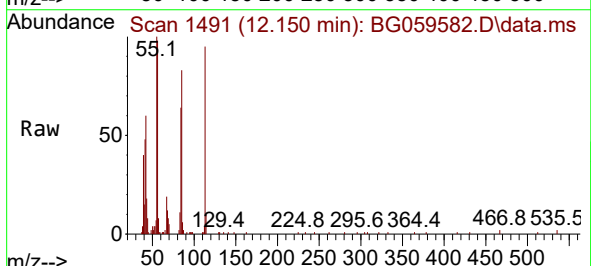
Instrument :
BNA_G
ClientSampleId :
SLCS564

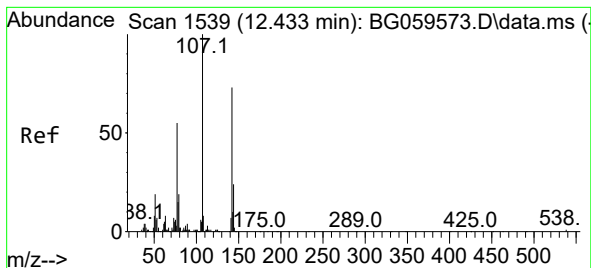
Tgt Ion:225 Resp: 99730
Ion Ratio Lower Upper
225 100
223 65.4 50.8 76.2
227 62.3 49.8 74.8



#34
Caprolactam
Concen: 20.225 ng/ul
RT: 12.150 min Scan# 1491
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:113 Resp: 45263
Ion Ratio Lower Upper
113 100
55 105.0 86.9 130.3
56 102.8 64.4 96.6#

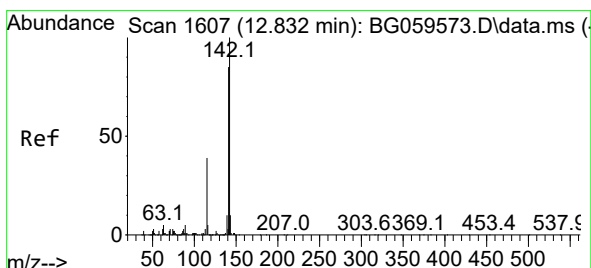
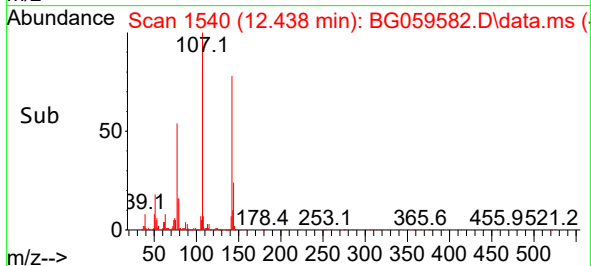
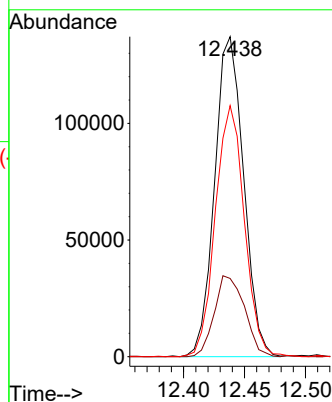
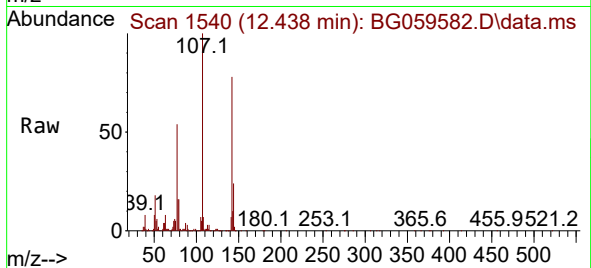




#35
4-Chloro-3-methylphenol
Concen: 31.113 ng/ul
RT: 12.438 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

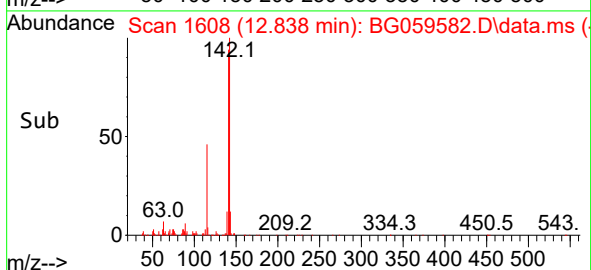
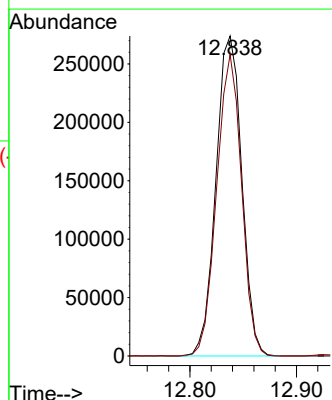
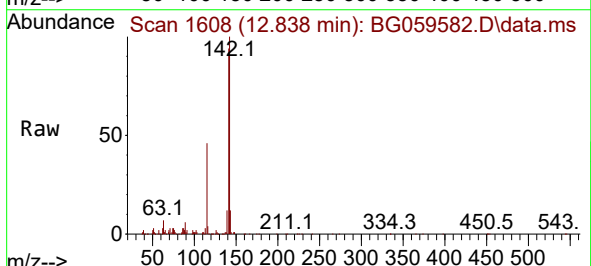
Instrument :
BNA_G
ClientSampleId :
SLCS564

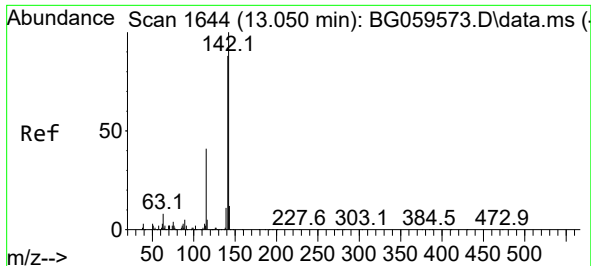
Tgt Ion:107 Resp: 227105
Ion Ratio Lower Upper
107 100
144 24.5 21.0 31.6
142 78.4 68.2 102.4



#36
2-Methylnaphthalene
Concen: 27.336 ng/ul
RT: 12.838 min Scan# 1608
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:142 Resp: 460881
Ion Ratio Lower Upper
142 100
141 94.2 71.7 107.5





#37

1-Methylnaphthalene

Concen: 28.014 ng/ul

RT: 13.055 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG059582.D

Acq: 1 Nov 2023 16:40

Instrument :

BNA_G

ClientSampleId :

SLCS564

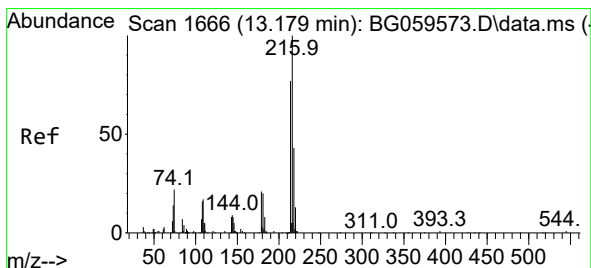
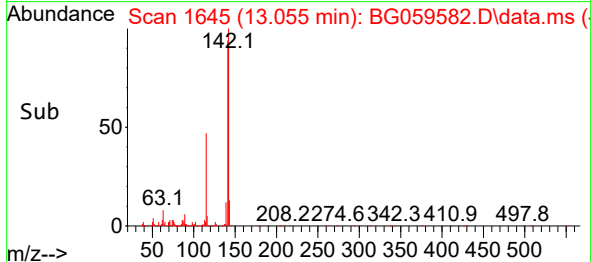
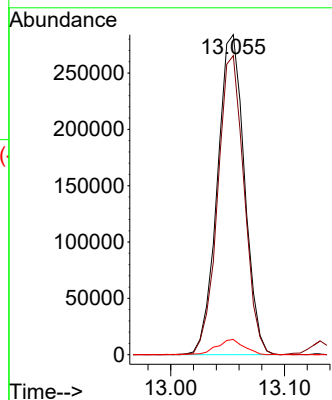
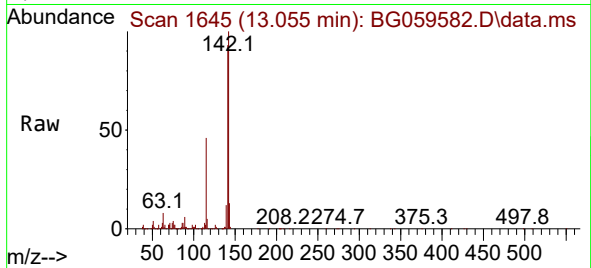
Tgt Ion:142 Resp: 470437

Ion Ratio Lower Upper

142 100

141 93.5 73.1 109.7

116 4.8 3.3 4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.990 ng/ul

RT: 13.178 min Scan# 1666

Delta R.T. -0.001 min

Lab File: BG059582.D

Acq: 1 Nov 2023 16:40

Tgt Ion:216 Resp: 204636

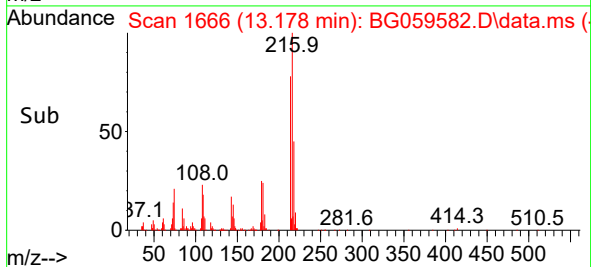
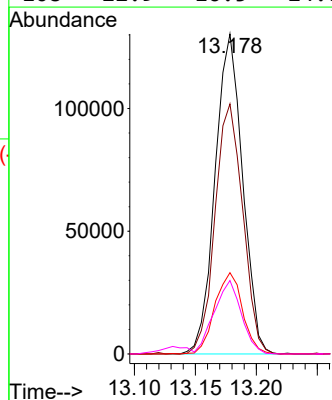
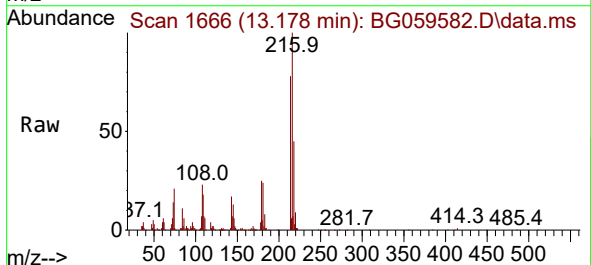
Ion Ratio Lower Upper

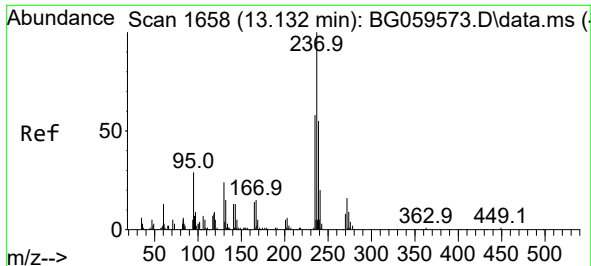
216 100

214 78.1 63.7 95.5

179 25.4 19.2 28.8

108 22.9 16.5 24.7

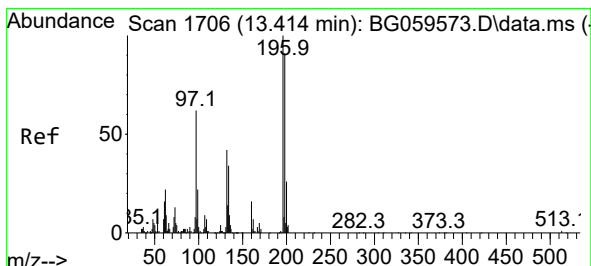
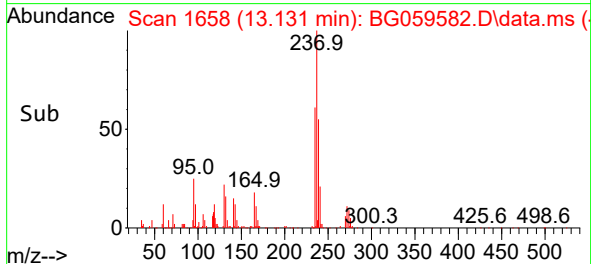
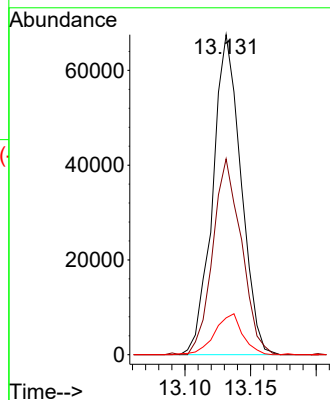
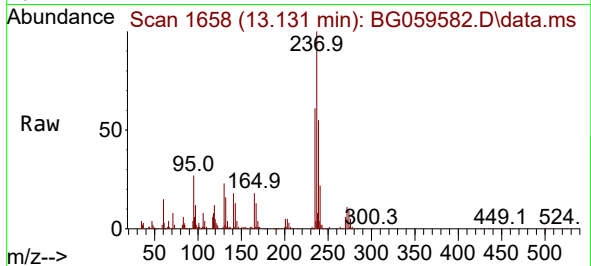




#40
Hexachlorocyclopentadiene
Concen: 23.745 ng/ul
RT: 13.131 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

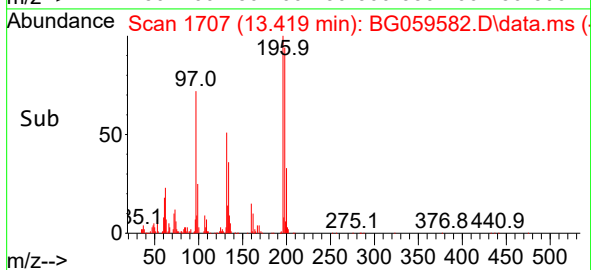
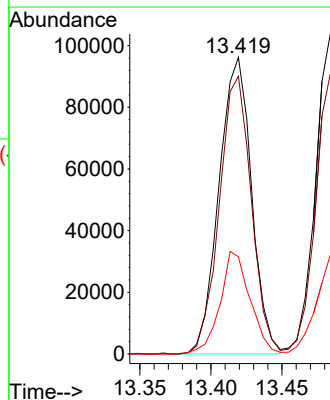
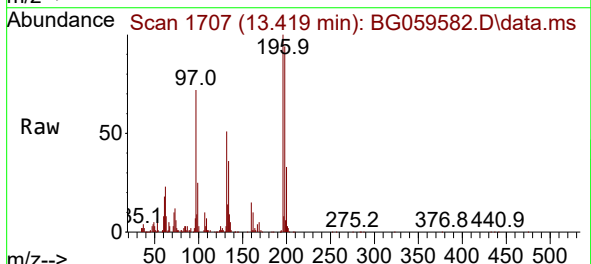
Instrument :
BNA_G
ClientSampleId :
SLCS564

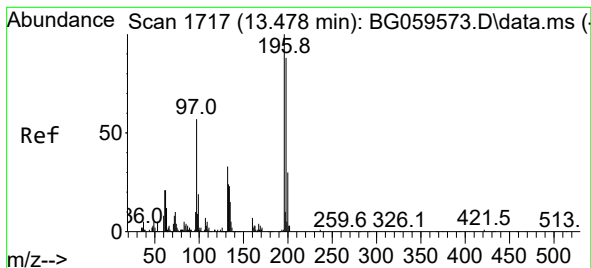
Tgt Ion:237 Resp: 101196
Ion Ratio Lower Upper
237 100
235 65.0 46.6 69.8
272 11.5 13.0 19.4#



#41
2,4,6-Trichlorophenol
Concen: 30.222 ng/ul
RT: 13.419 min Scan# 1707
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:196 Resp: 152994
Ion Ratio Lower Upper
196 100
198 93.6 69.6 104.4
200 32.7 23.8 35.8

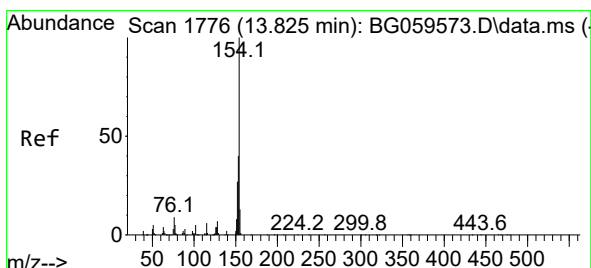
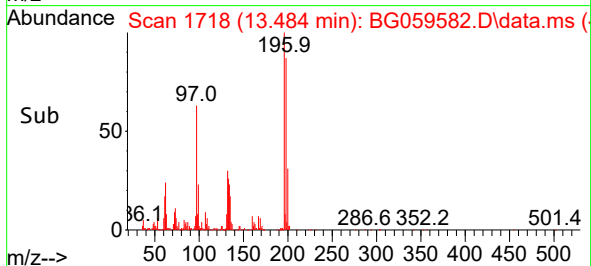
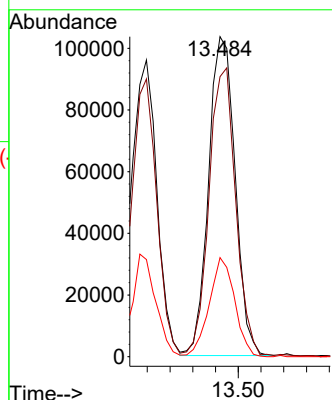
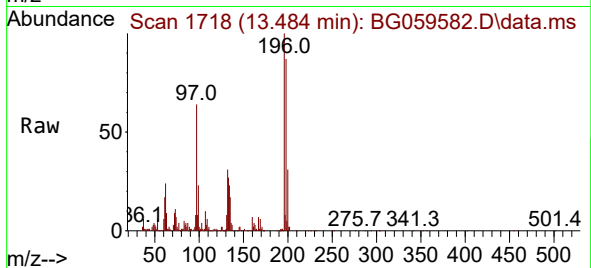




#42
2,4,5-Trichlorophenol
Concen: 30.652 ng/ul
RT: 13.484 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

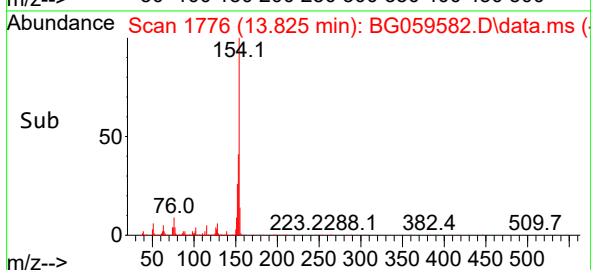
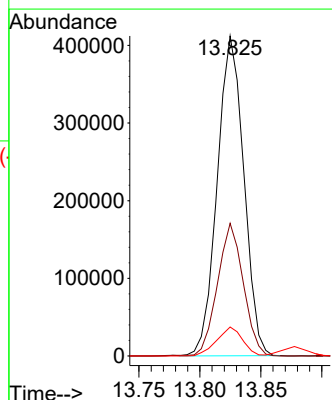
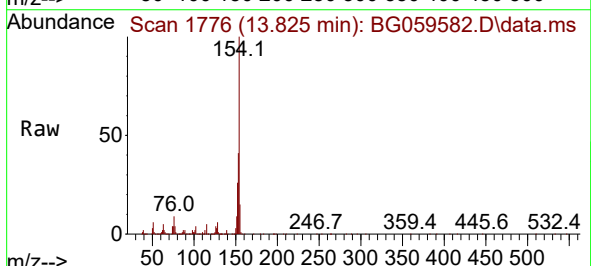
Instrument :
BNA_G
ClientSampleId :
SLCS564

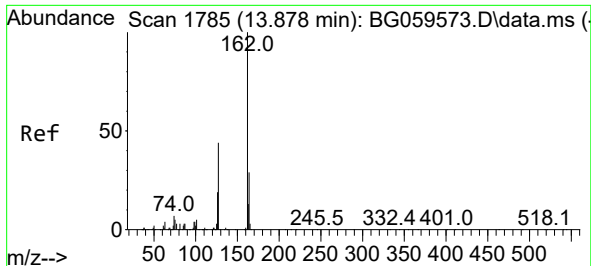
Tgt Ion:196 Resp: 167998
Ion Ratio Lower Upper
196 100
198 87.5 79.8 119.6
200 31.0 28.0 42.0



#43
1,1'-Biphenyl
Concen: 27.247 ng/ul
RT: 13.825 min Scan# 1776
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:154 Resp: 624794
Ion Ratio Lower Upper
154 100
153 41.4 30.7 46.1
76 9.1 8.2 12.4

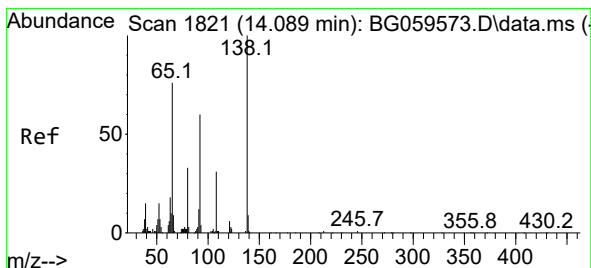
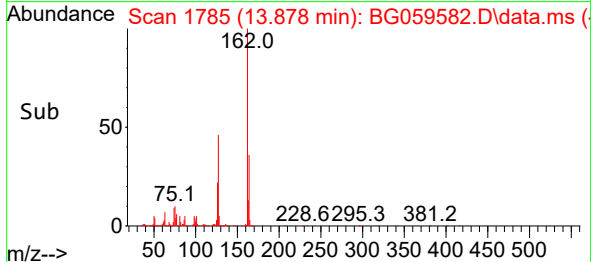
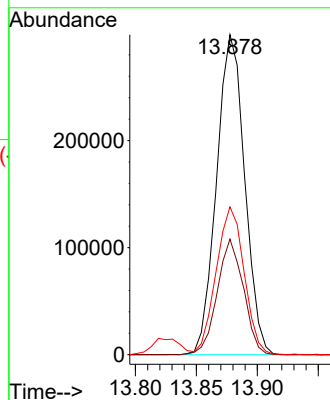
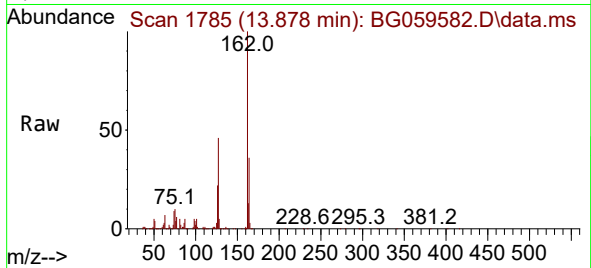




#44
2-Chloronaphthalene
Concen: 26.907 ng/ul
RT: 13.878 min Scan# 1785
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

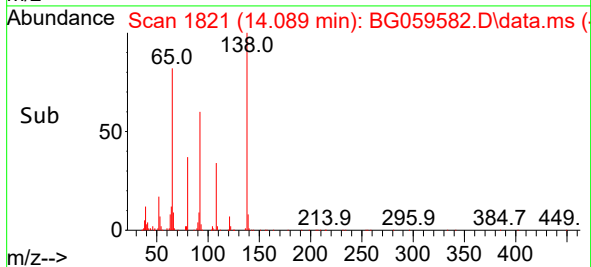
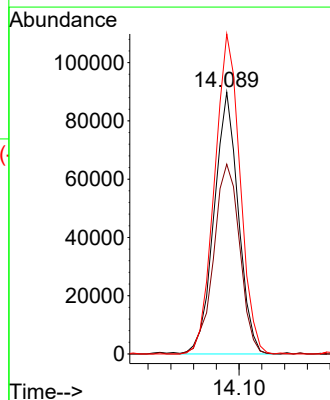
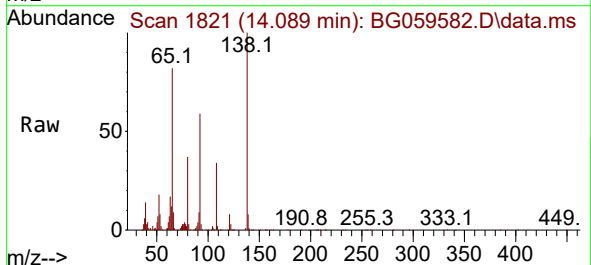
Instrument :
BNA_G
ClientSampleId :
SLCS564

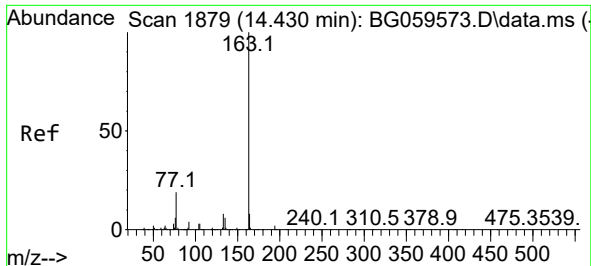
Tgt Ion:162 Resp: 479535
Ion Ratio Lower Upper
162 100
164 36.1 23.9 35.9#
127 46.2 35.3 52.9



#45
2-Nitroaniline
Concen: 39.989 ng/ul
RT: 14.089 min Scan# 1821
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion: 65 Resp: 132608
Ion Ratio Lower Upper
65 100
92 72.5 59.6 89.4
138 122.3 109.0 163.6

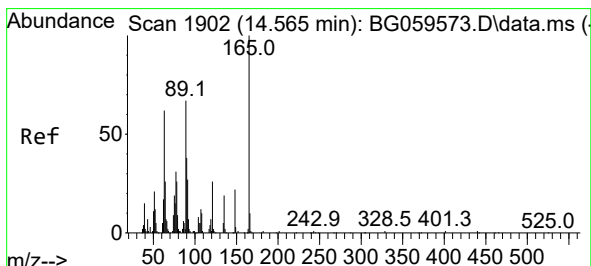
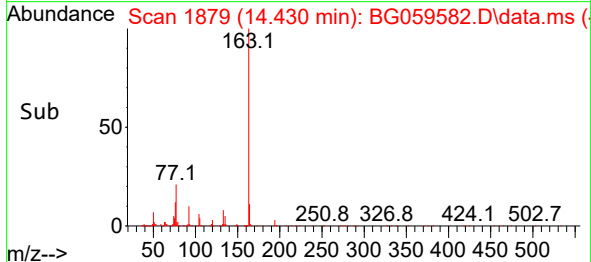
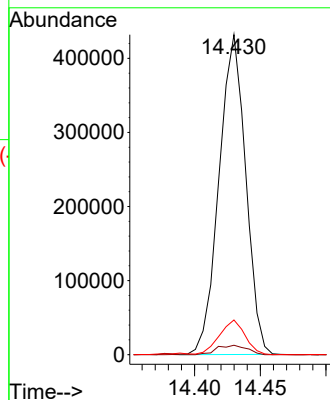
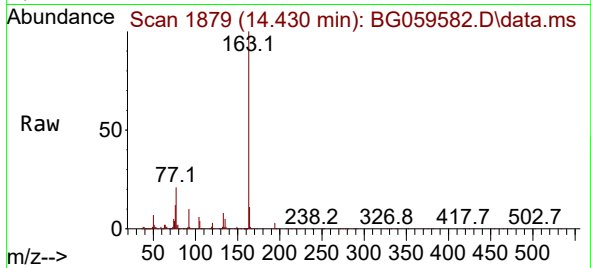




#47
Dimethylphthalate
Concen: 26.919 ng/ul
RT: 14.430 min Scan# 1879
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

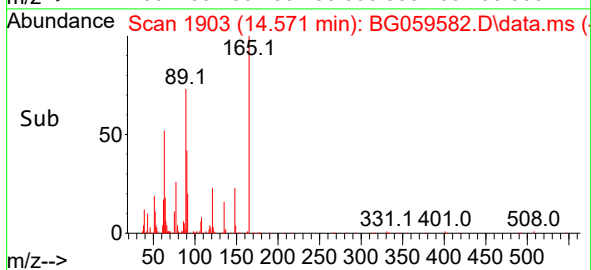
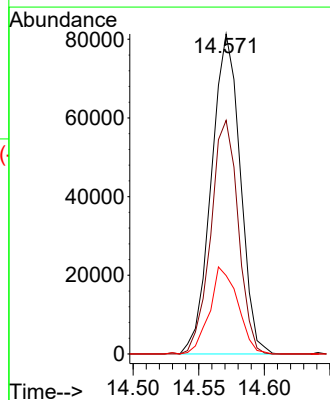
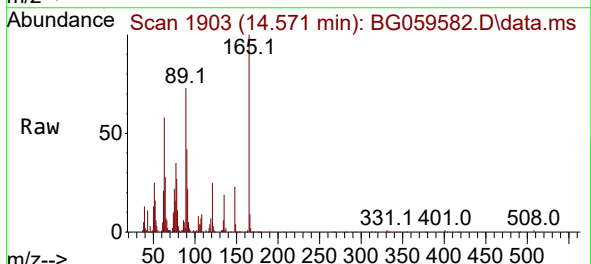
Instrument :
BNA_G
ClientSampleId :
SLCS564

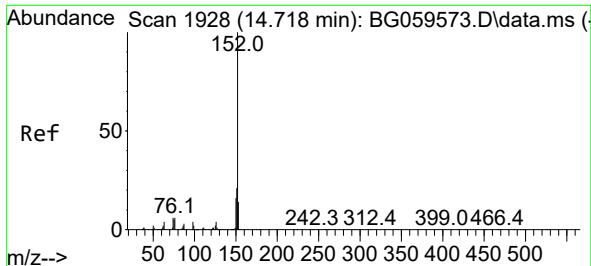
Tgt Ion:163 Resp: 610746
Ion Ratio Lower Upper
163 100
194 2.9 2.6 3.8
164 10.9 6.6 10.0#



#48
2,6-Dinitrotoluene
Concen: 36.397 ng/ul
RT: 14.571 min Scan# 1903
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:165 Resp: 124571
Ion Ratio Lower Upper
165 100
89 73.0 41.0 61.4#
121 24.5 12.3 18.5#

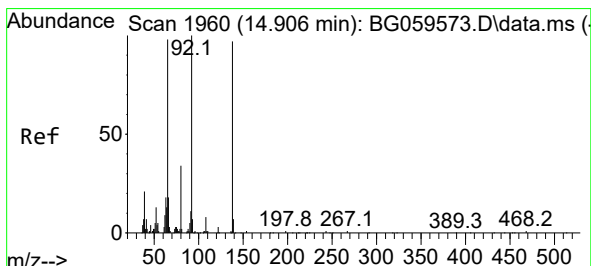
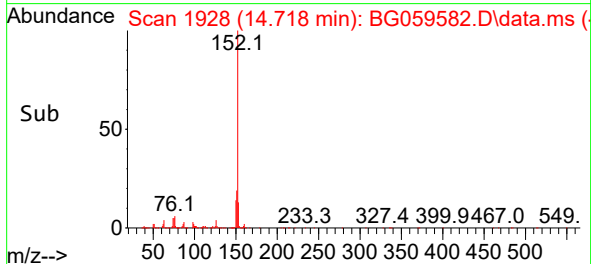
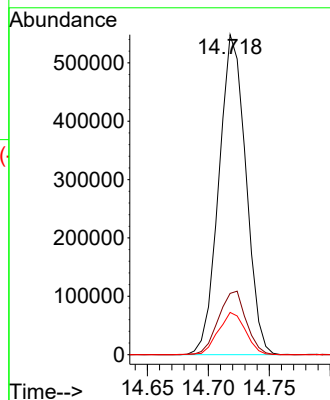
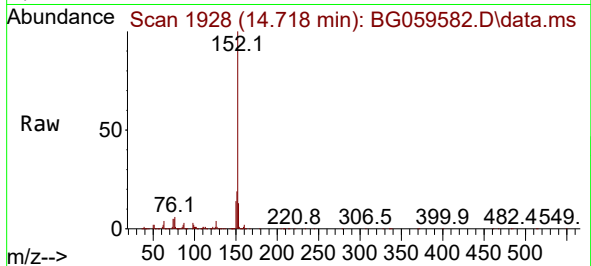




#50
Acenaphthylene
Concen: 27.206 ng/ul
RT: 14.718 min Scan# 1928
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

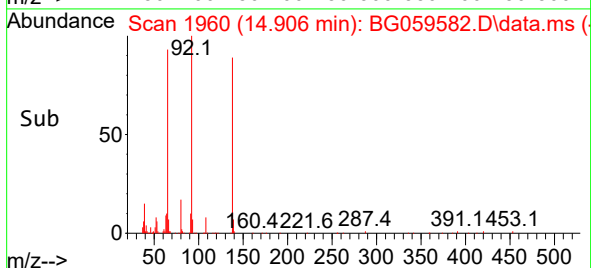
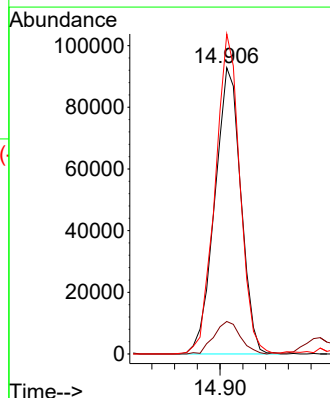
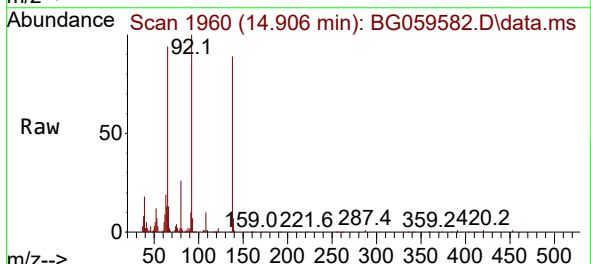
Instrument :
BNA_G
ClientSampleId :
SLCS564

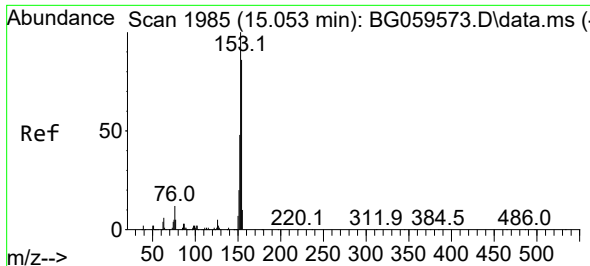
Tgt Ion:152 Resp: 844800
Ion Ratio Lower Upper
152 100
151 19.2 16.6 25.0
153 13.2 9.4 14.2



#51
3-Nitroaniline
Concen: 34.683 ng/ul
RT: 14.906 min Scan# 1960
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:138 Resp: 147960
Ion Ratio Lower Upper
138 100
108 11.3 17.1 25.7#
92 111.8 101.8 152.8

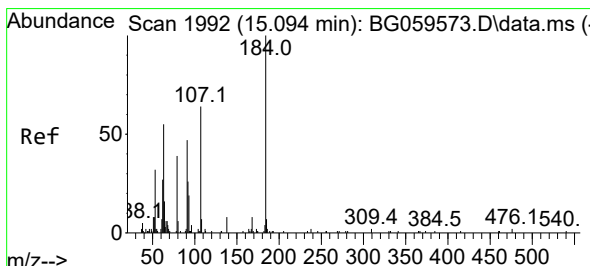
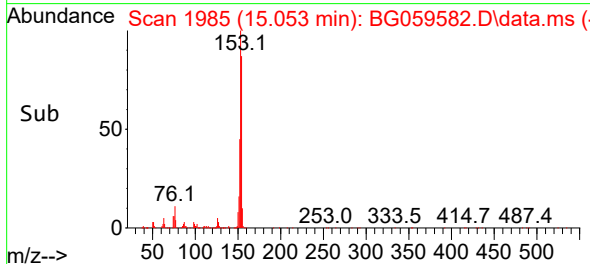
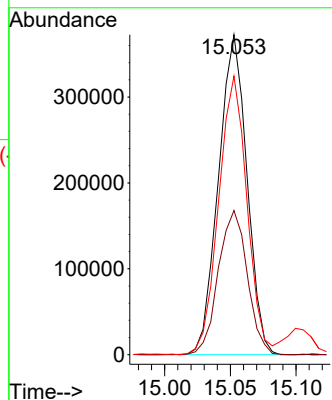
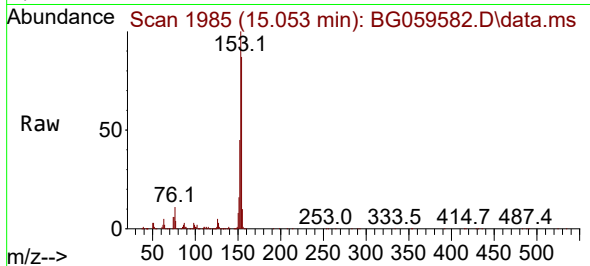




#52
Acenaphthene
Concen: 27.765 ng/ul
RT: 15.053 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

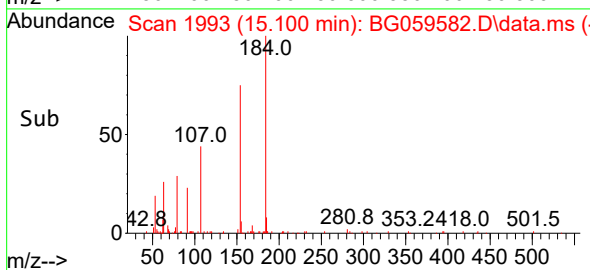
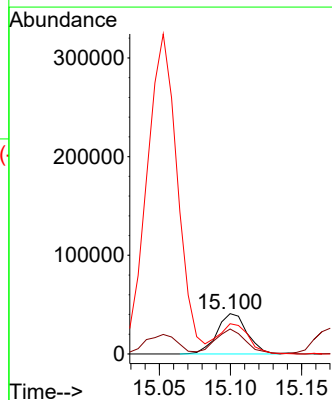
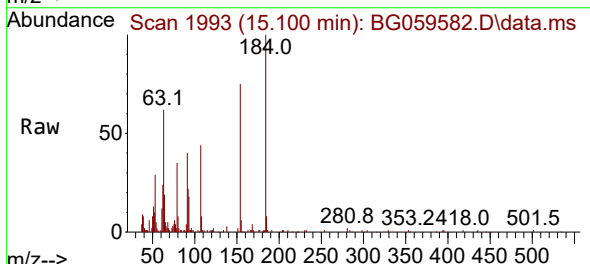
Instrument :
BNA_G
ClientSampleId :
SLCS564

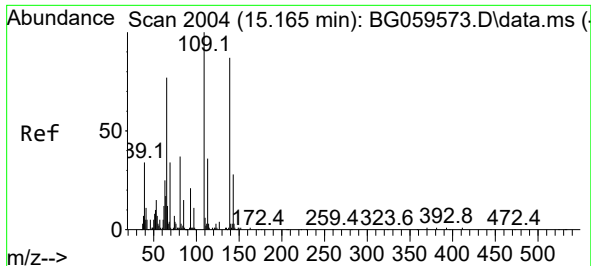
Tgt Ion:153 Resp: 561976
Ion Ratio Lower Upper
153 100
152 45.0 37.6 56.4
154 87.0 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 31.079 ng/ul
RT: 15.100 min Scan# 1993
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:184 Resp: 60439
Ion Ratio Lower Upper
184 100
63 62.0 35.0 52.6#
154 75.0 49.8 74.8#

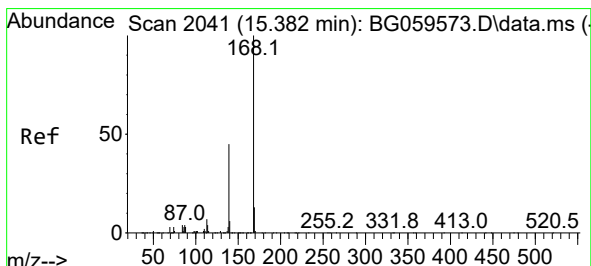
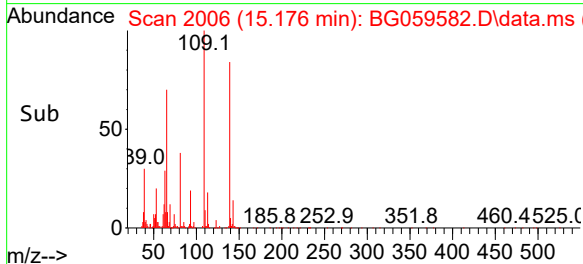
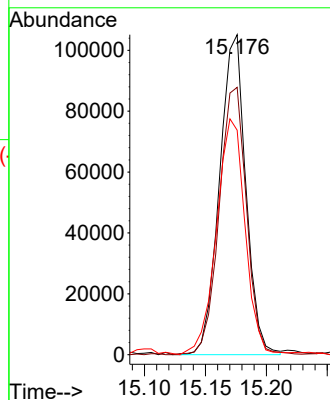
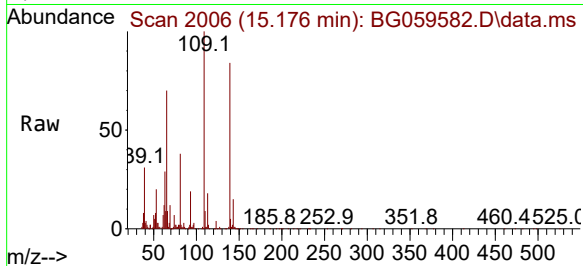




#55
4-Nitrophenol
Concen: 36.300 ng/ul
RT: 15.176 min Scan# 2006
Delta R.T. 0.011 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

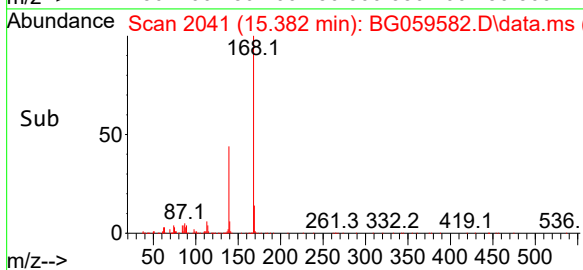
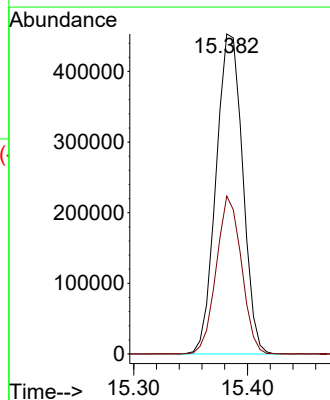
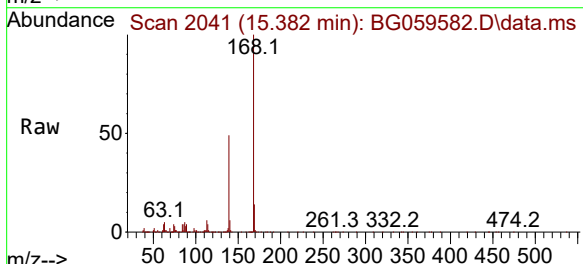
Instrument :
BNA_G
ClientSampleId :
SLCS564

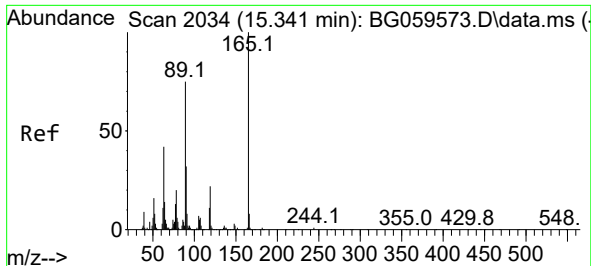
Tgt Ion:109 Resp: 157542
Ion Ratio Lower Upper
109 100
139 83.5 72.2 108.2
65 70.1 57.3 85.9



#56
Dibenzofuran
Concen: 28.097 ng/ul
RT: 15.382 min Scan# 2041
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:168 Resp: 737308
Ion Ratio Lower Upper
168 100
139 49.3 33.8 50.8

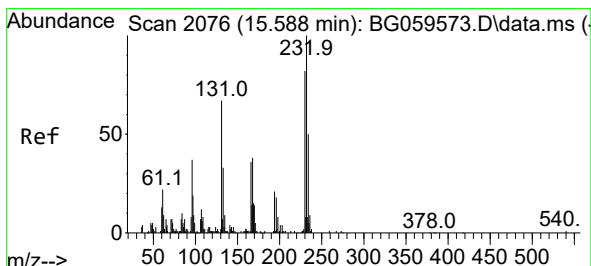
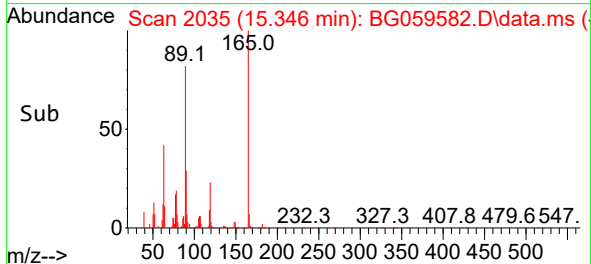
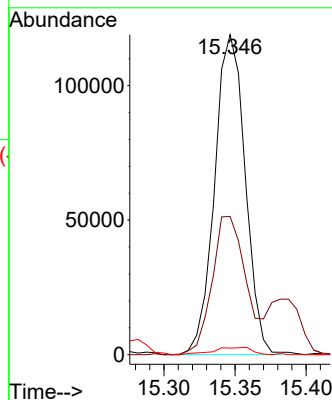
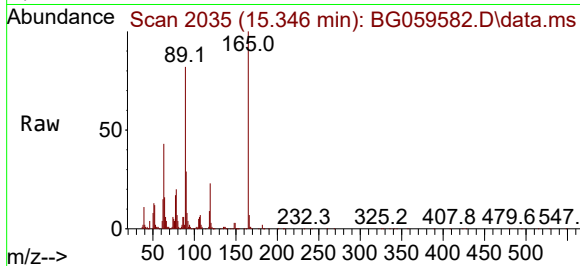




#57
2,4-Dinitrotoluene
Concen: 37.002 ng/ul
RT: 15.346 min Scan# 2034
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

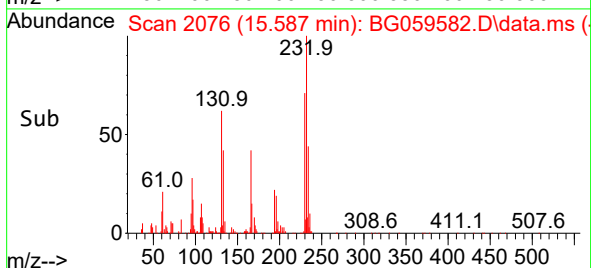
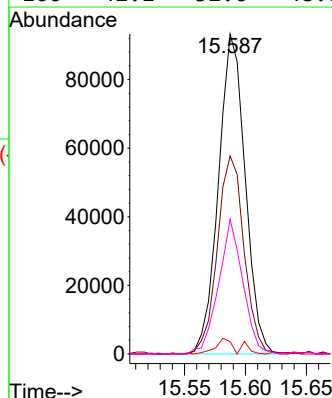
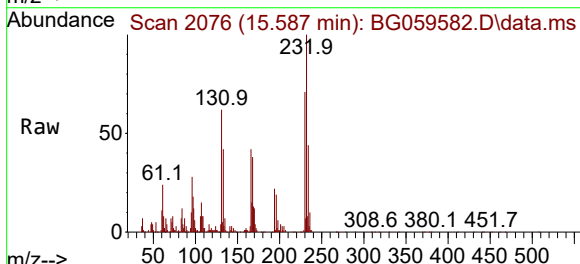
Instrument :
BNA_G
ClientSampleId :
SLCS564

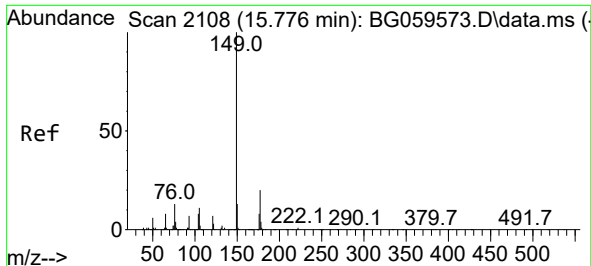
Tgt Ion:165 Resp: 178138
Ion Ratio Lower Upper
165 100
63 43.2 30.9 46.3
182 2.1 1.8 2.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.082 ng/ul
RT: 15.587 min Scan# 2076
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:232 Resp: 142306
Ion Ratio Lower Upper
232 100
131 61.9 44.2 66.2
130 3.9 2.3 3.5#
166 42.1 32.6 48.8

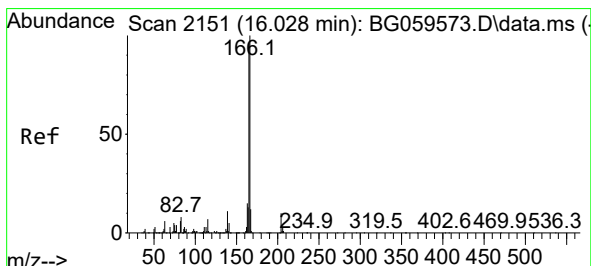
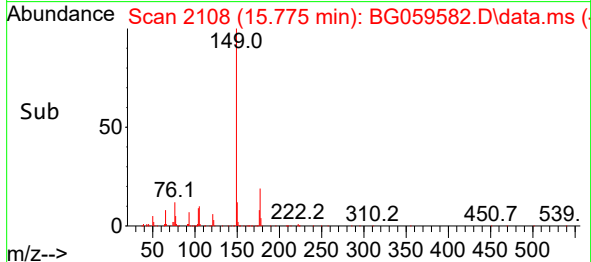
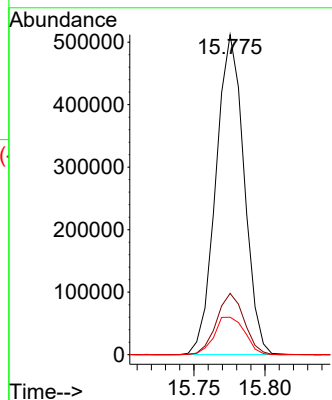
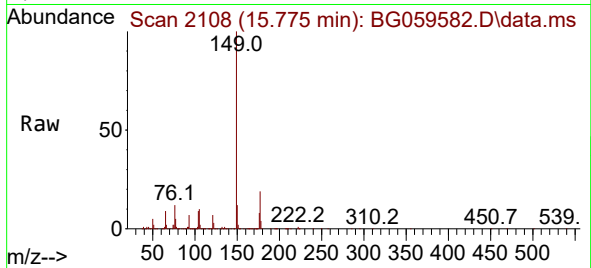




#59
Diethylphthalate
Concen: 28.469 ng/ul
RT: 15.775 min Scan# 2108
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

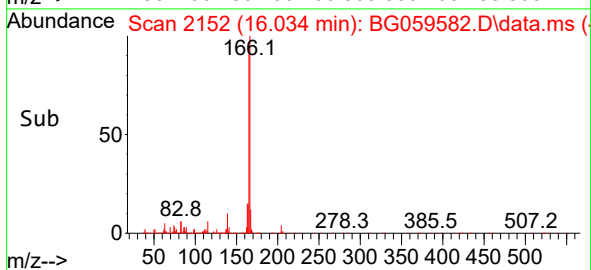
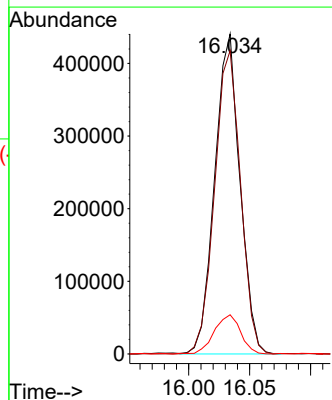
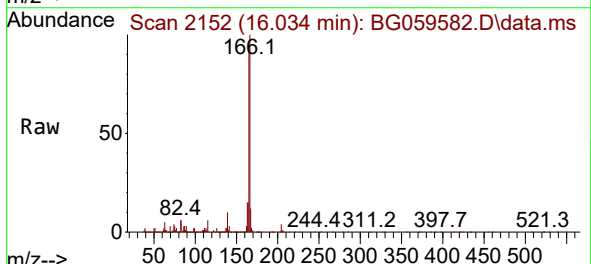
Instrument :
BNA_G
ClientSampleId :
SLCS564

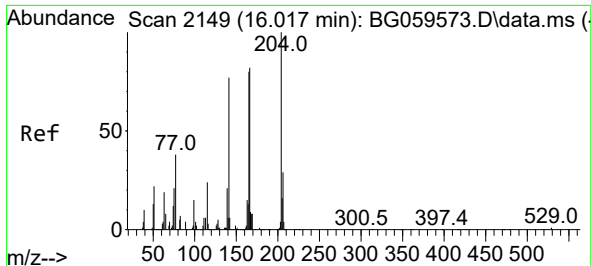
Tgt Ion:149 Resp: 704594
Ion Ratio Lower Upper
149 100
177 19.1 16.3 24.5
150 11.7 9.1 13.7



#61
Fluorene
Concen: 28.081 ng/ul
RT: 16.034 min Scan# 2152
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:166 Resp: 636135
Ion Ratio Lower Upper
166 100
165 94.8 74.4 111.6
167 12.2 9.1 13.7

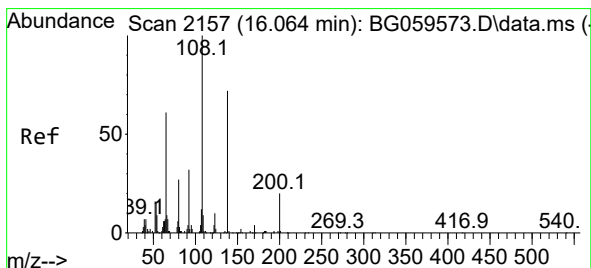
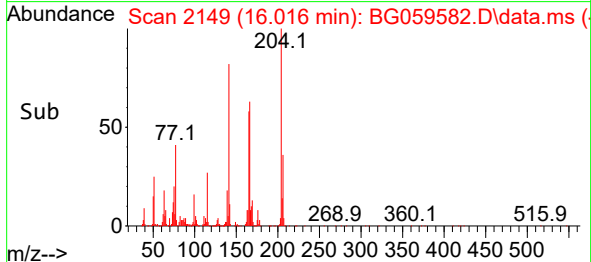
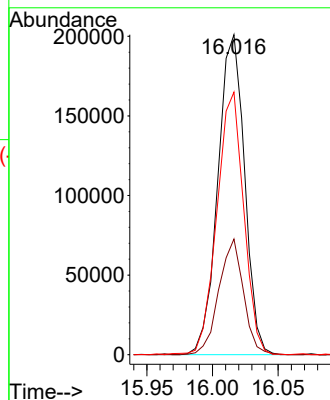
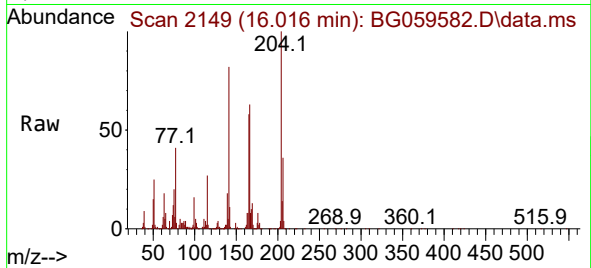




#62
4-Chlorophenyl-phenylether
Concen: 29.316 ng/ul
RT: 16.016 min Scan# 2149
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

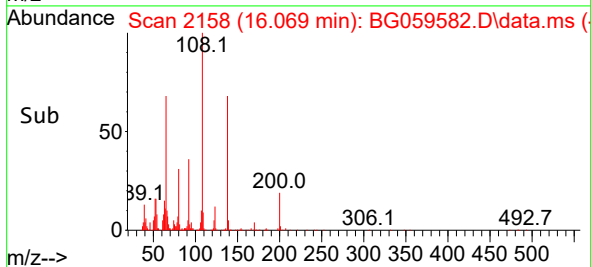
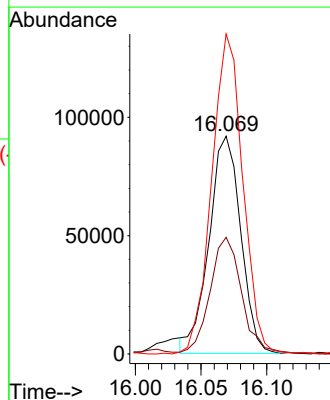
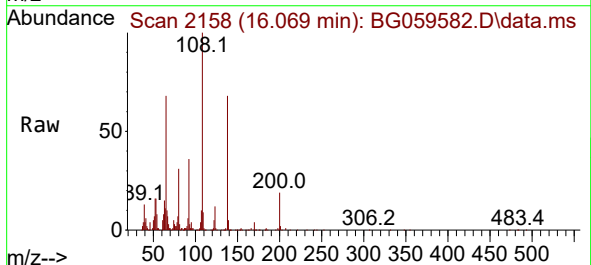
Instrument :
BNA_G
ClientSampleId :
SLCS564

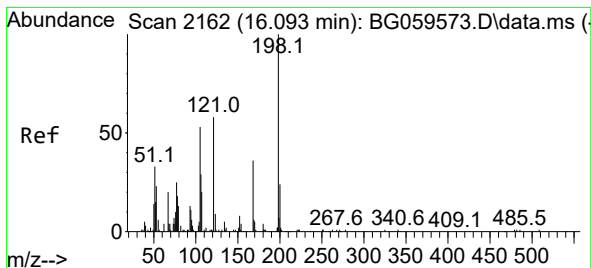
Tgt Ion:204 Resp: 283826
Ion Ratio Lower Upper
204 100
206 36.2 28.8 43.2
141 82.1 68.6 103.0



#63
4-Nitroaniline
Concen: 33.995 ng/ul
RT: 16.069 min Scan# 2158
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:138 Resp: 153907
Ion Ratio Lower Upper
138 100
92 53.6 49.8 74.8
108 147.0 100.9 151.3

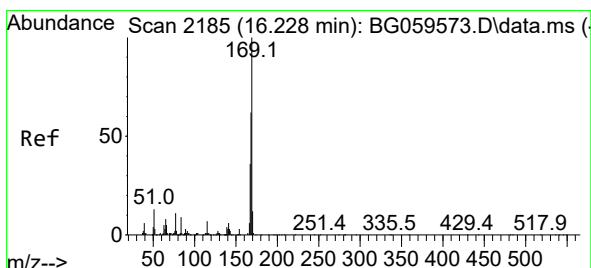
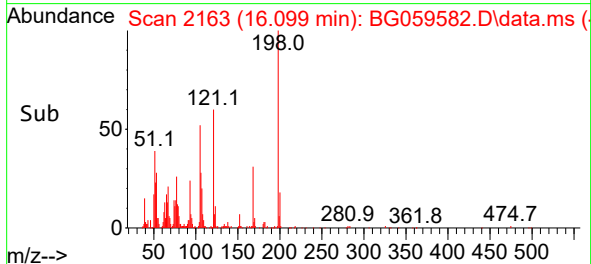
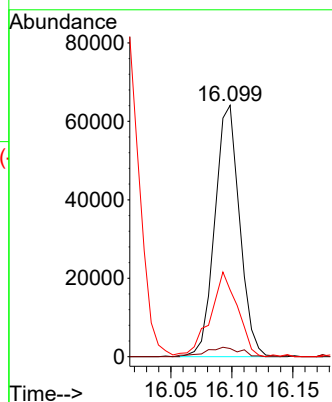
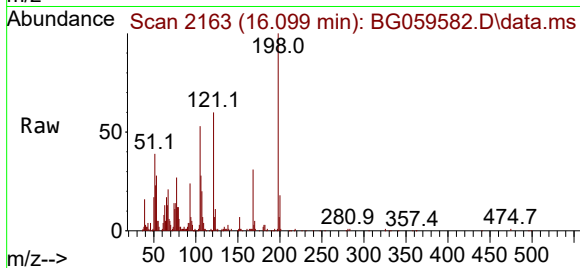




#66
4,6-Dinitro-2-methylphenol
Concen: 33.352 ng/ul
RT: 16.099 min Scan# 2162
Delta R.T. 0.005 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

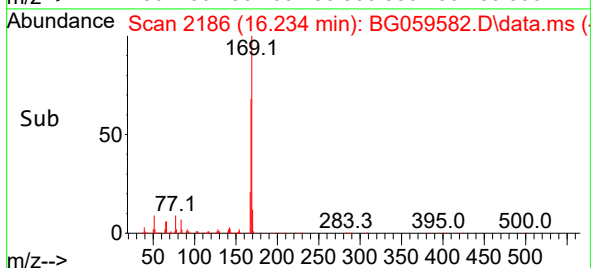
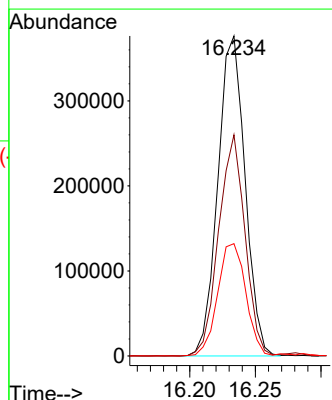
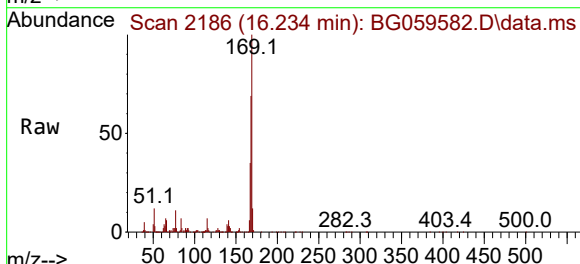
Instrument :
BNA_G
ClientSampleId :
SLCS564

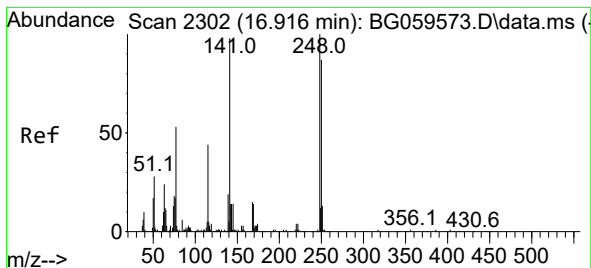
Tgt Ion:198 Resp: 90529
Ion Ratio Lower Upper
198 100
182 3.3 1.4 2.0#
77 26.5 15.8 23.8#



#67
N-Nitrosodiphenylamine
Concen: 29.186 ng/ul
RT: 16.234 min Scan# 2186
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:169 Resp: 542354
Ion Ratio Lower Upper
169 100
168 69.1 54.2 81.2
167 35.1 31.3 46.9

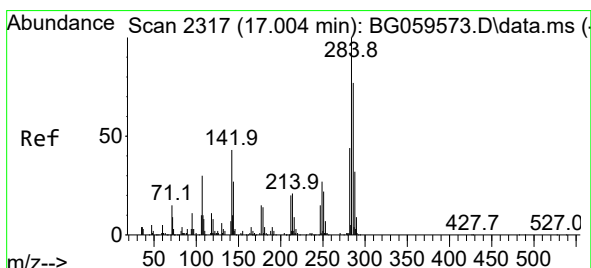
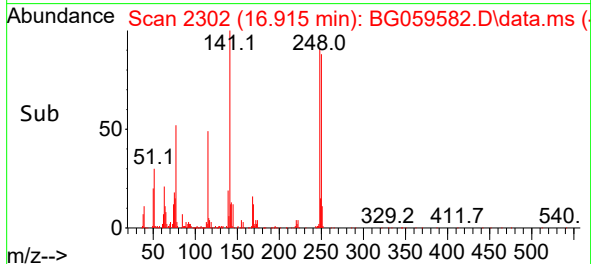
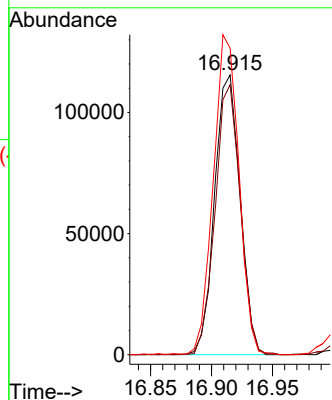
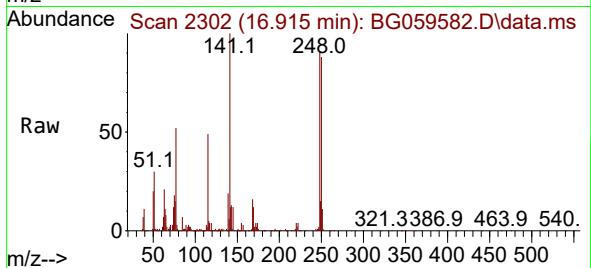




#68
4-Bromophenyl-phenylether
Concen: 30.927 ng/ul
RT: 16.915 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

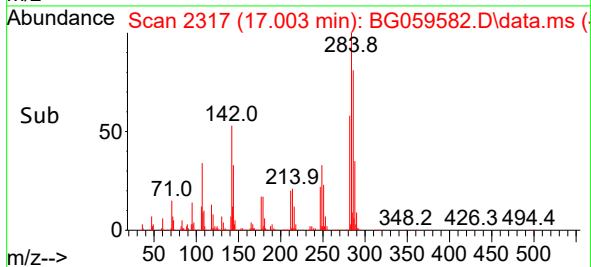
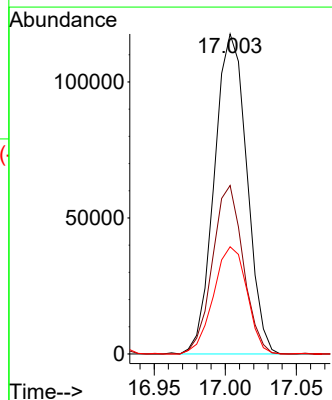
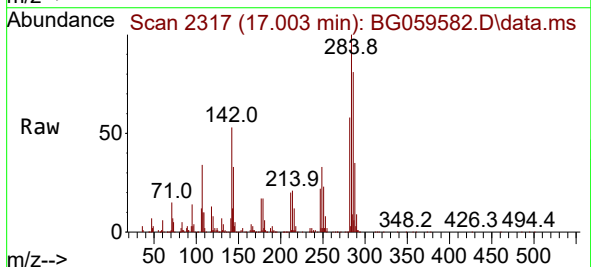
Instrument :
BNA_G
ClientSampleId :
SLCS564

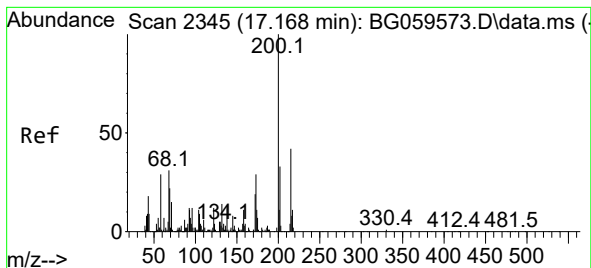
Tgt Ion:248 Resp: 168307
Ion Ratio Lower Upper
248 100
250 96.5 74.2 111.2
141 109.5 88.5 132.7



#69
Hexachlorobenzene
Concen: 29.724 ng/ul
RT: 17.003 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:284 Resp: 186951
Ion Ratio Lower Upper
284 100
142 52.7 39.6 59.4
249 35.2 28.2 42.2





#70

Atrazine

Concen: 29.354 ng/ul

RT: 17.168 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG059582.D

Acq: 1 Nov 2023 16:40

Instrument :

BNA_G

ClientSampleId :

SLCS564

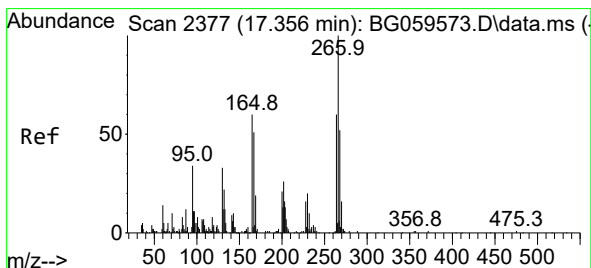
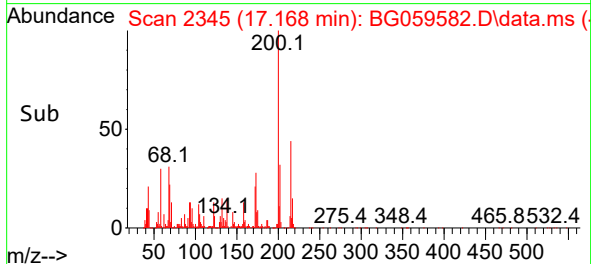
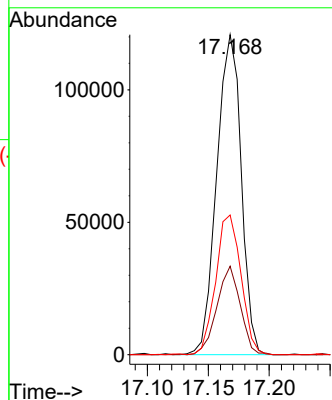
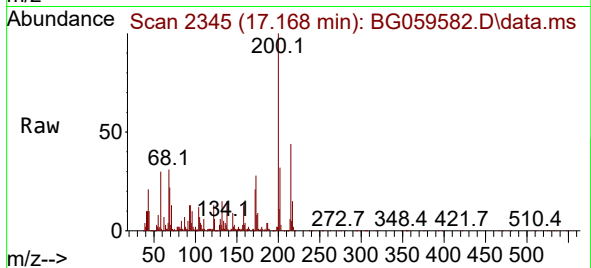
Tgt Ion:200 Resp: 169029

Ion Ratio Lower Upper

200 100

173 27.6 25.7 38.5

215 43.7 32.1 48.1



#71

Pentachlorophenol

Concen: 34.217 ng/ul

RT: 17.356 min Scan# 2377

Delta R.T. -0.001 min

Lab File: BG059582.D

Acq: 1 Nov 2023 16:40

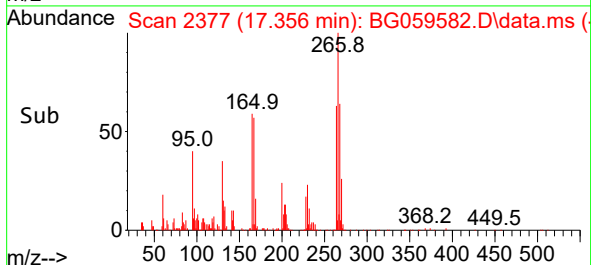
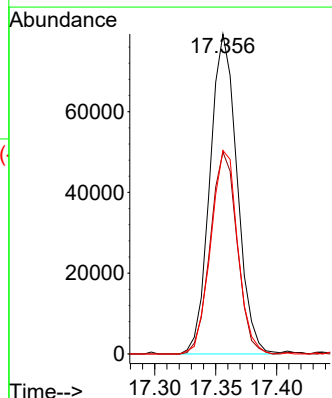
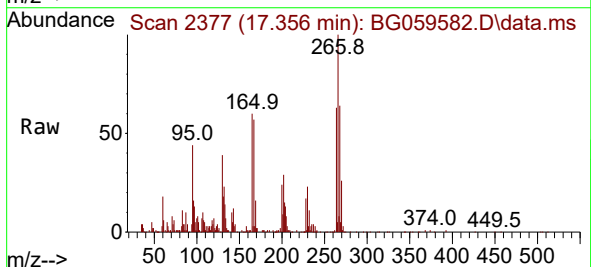
Tgt Ion:266 Resp: 122946

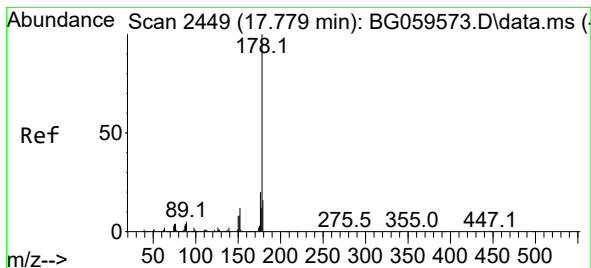
Ion Ratio Lower Upper

266 100

264 63.1 46.2 69.2

268 63.6 46.4 69.6





#72

Phenanthrene

Concen: 27.612 ng/ul

RT: 17.785 min Scan# 2449

Delta R.T. -0.001 min

Lab File: BG059582.D

Acq: 1 Nov 2023 16:40

Instrument :

BNA_G

ClientSampleId :

SLCS564

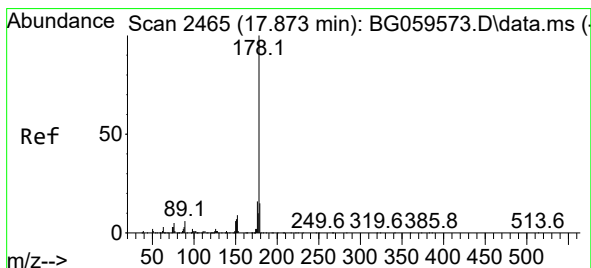
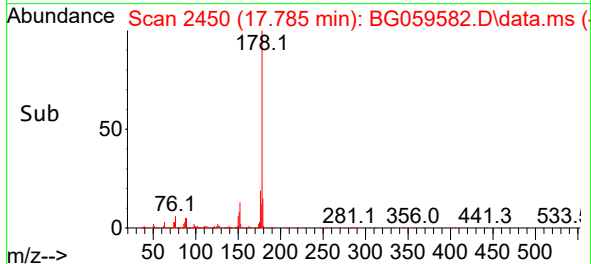
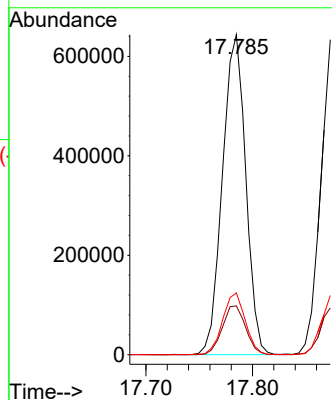
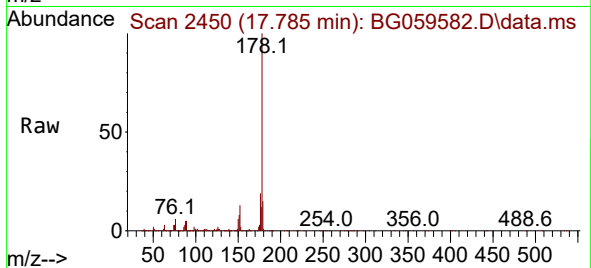
Tgt Ion:178 Resp: 976241

Ion Ratio Lower Upper

178 100

179 15.2 11.3 16.9

176 19.3 15.4 23.0



#74

Anthracene

Concen: 27.966 ng/ul

RT: 17.879 min Scan# 2466

Delta R.T. -0.001 min

Lab File: BG059582.D

Acq: 1 Nov 2023 16:40

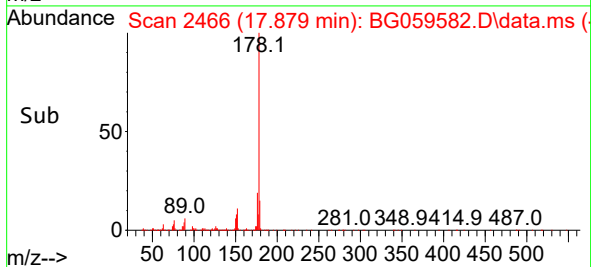
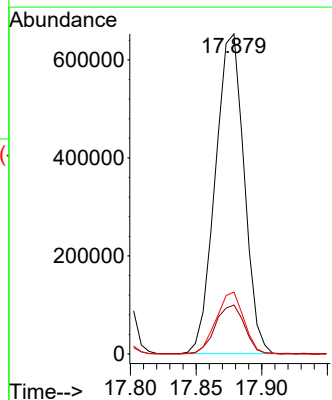
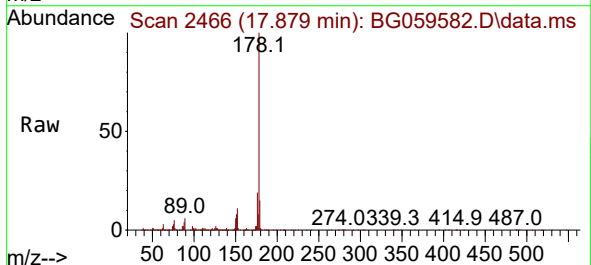
Tgt Ion:178 Resp: 998332

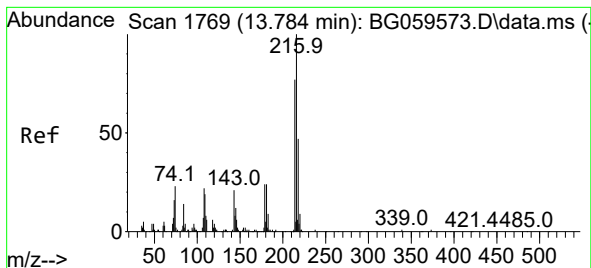
Ion Ratio Lower Upper

178 100

179 15.3 13.1 19.7

176 19.3 13.9 20.9

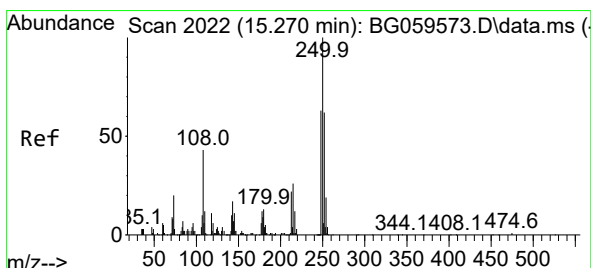
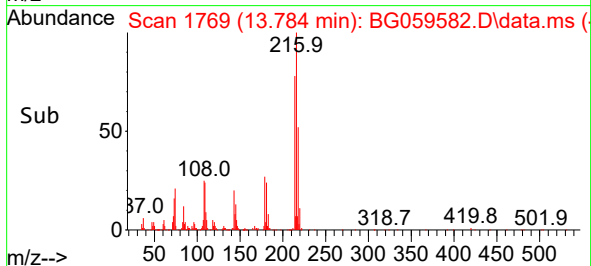
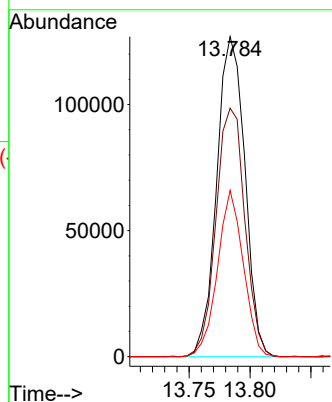
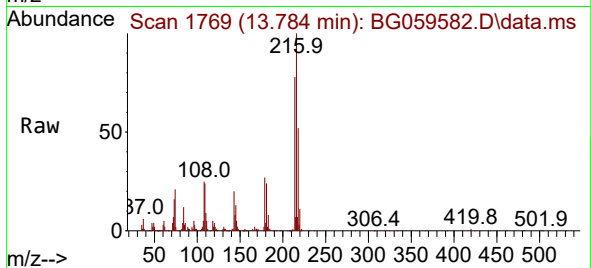




#75
1,2,3,4-Tetrachlorobenzene
Concen: 28.186 ng/uL
RT: 13.784 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

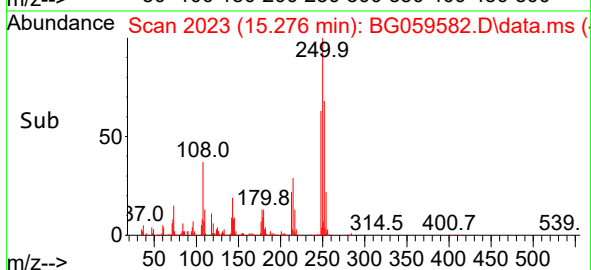
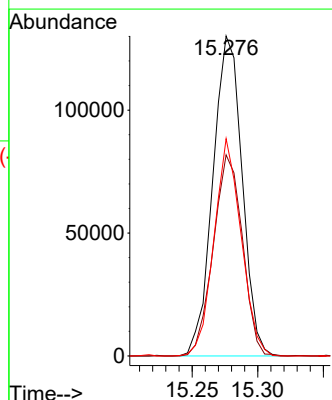
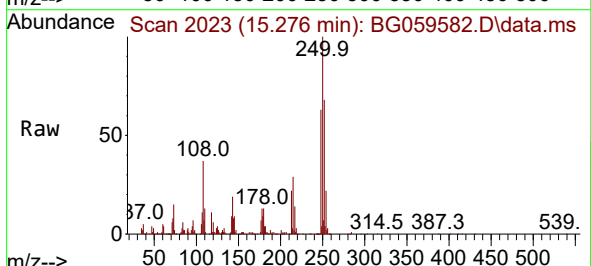
Instrument :
BNA_G
ClientSampleId :
SLCS564

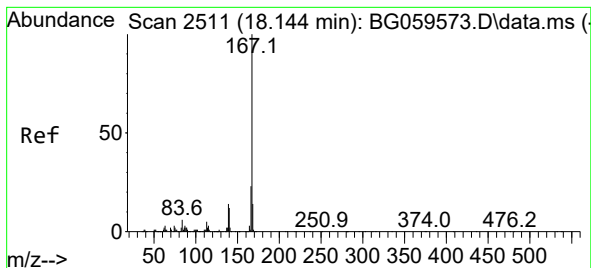
Tgt Ion:216 Resp: 204131
Ion Ratio Lower Upper
216 100
214 77.7 70.2 105.2
218 52.0 39.9 59.9



#76
Pentachlorobenzene
Concen: 29.323 ng/uL
RT: 15.276 min Scan# 2023
Delta R.T. -0.007 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:250 Resp: 201522
Ion Ratio Lower Upper
250 100
248 62.9 48.7 73.1
252 67.9 51.2 76.8





#77

Carbazole

Concen: 29.442 ng/ul

RT: 18.149 min Scan# 2511

Delta R.T. -0.001 min

Lab File: BG059582.D

Acq: 1 Nov 2023 16:40

Instrument :

BNA_G

ClientSampleId :

SLCS564

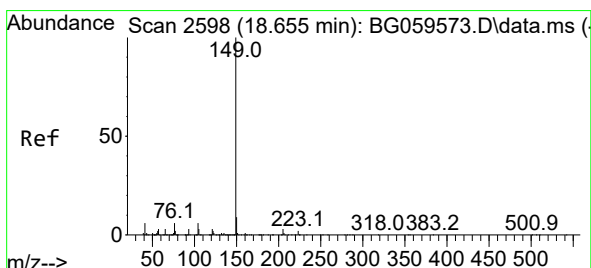
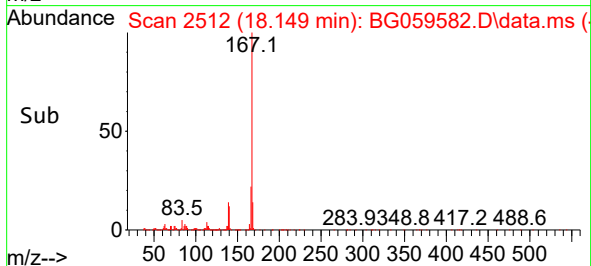
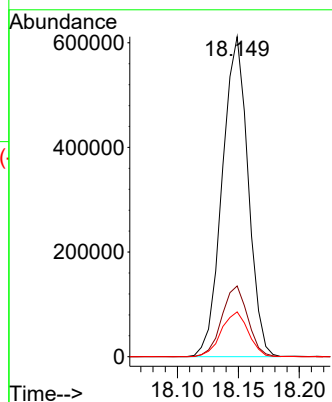
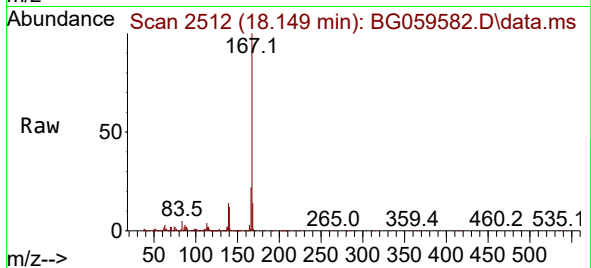
Tgt Ion:167 Resp: 902885

Ion Ratio Lower Upper

167 100

166 22.1 19.4 29.2

139 14.0 11.7 17.5



#78

Di-n-butylphthalate

Concen: 27.179 ng/ul

RT: 18.660 min Scan# 2599

Delta R.T. -0.007 min

Lab File: BG059582.D

Acq: 1 Nov 2023 16:40

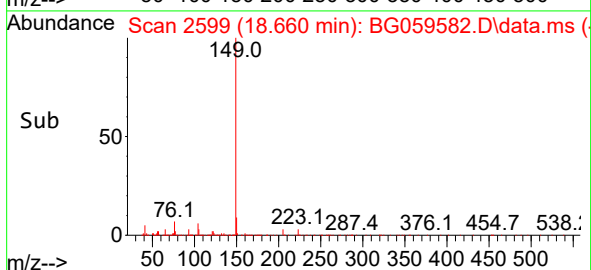
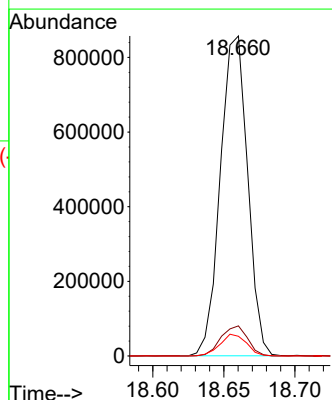
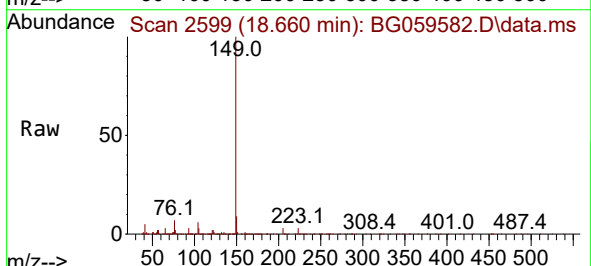
Tgt Ion:149 Resp: 1145232

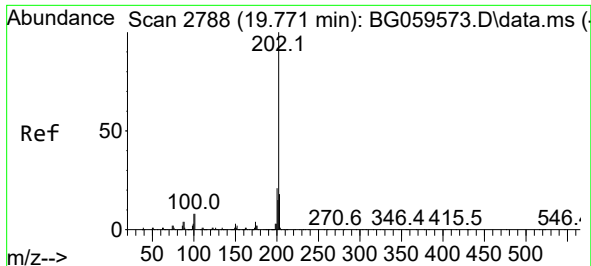
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 6.1 5.3 7.9

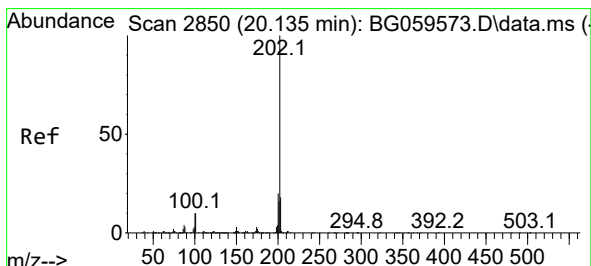
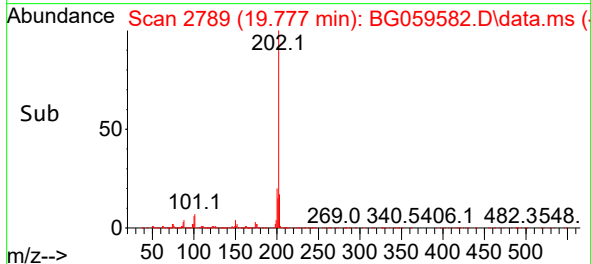
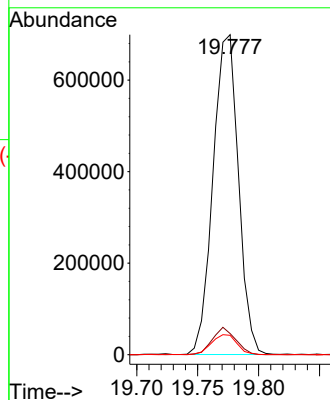
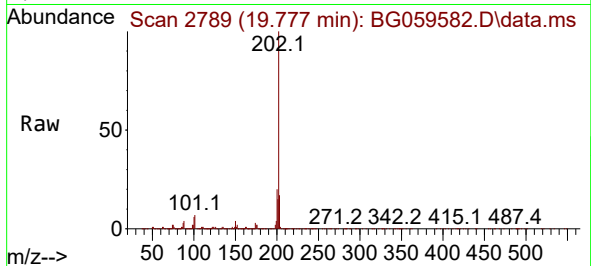




#80
Fluoranthene
Concen: 31.087 ng/ul
RT: 19.777 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

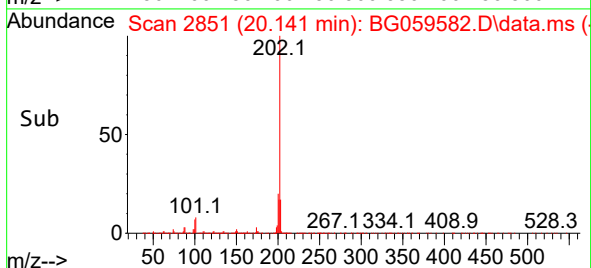
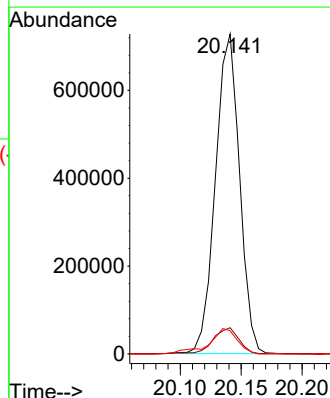
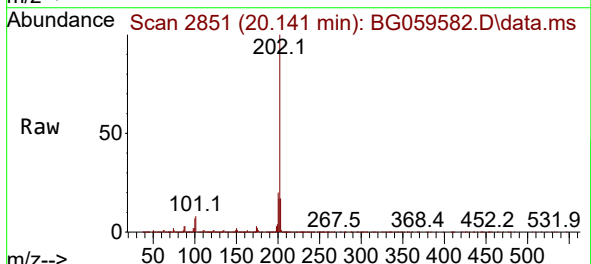
Instrument :
BNA_G
ClientSampleId :
SLCS564

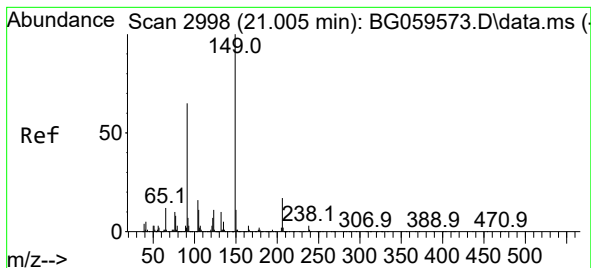
Tgt Ion:202 Resp: 1013986
Ion Ratio Lower Upper
202 100
101 6.6 7.0 10.6#
100 6.1 5.2 7.8



#82
Pyrene
Concen: 29.505 ng/ul
RT: 20.141 min Scan# 2851
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:202 Resp: 999646
Ion Ratio Lower Upper
202 100
101 8.2 7.9 11.9
100 7.3 7.9 11.9#





#83

Butylbenzylphthalate

Concen: 30.130 ng/ul

RT: 21.005 min Scan# 2998

Delta R.T. -0.012 min

Lab File: BG059582.D

Acq: 1 Nov 2023 16:40

Instrument :

BNA_G

ClientSampleId :

SLCS564

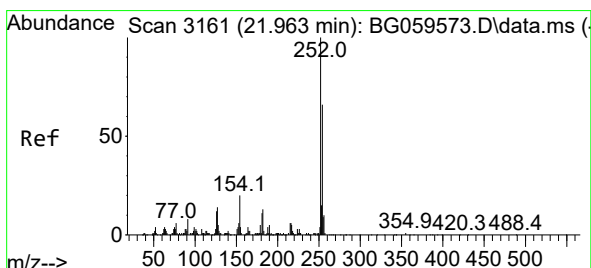
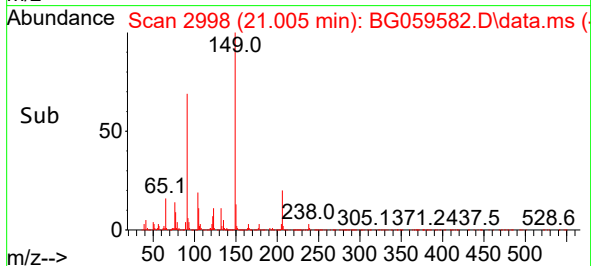
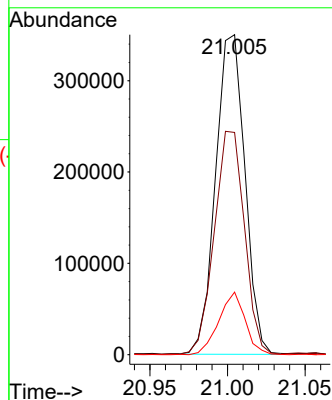
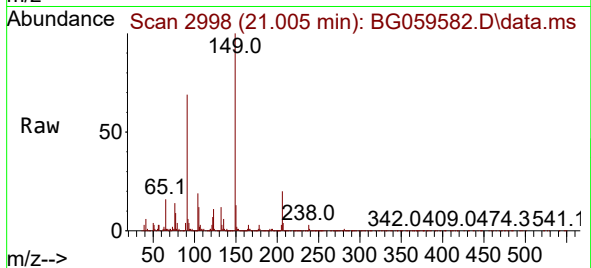
Tgt Ion:149 Resp: 461024

Ion Ratio Lower Upper

149 100

91 69.5 52.2 78.2

206 19.5 15.1 22.7



#84

3,3'-Dichlorobenzidine

Concen: 30.470 ng/ul

RT: 21.962 min Scan# 3161

Delta R.T. -0.007 min

Lab File: BG059582.D

Acq: 1 Nov 2023 16:40

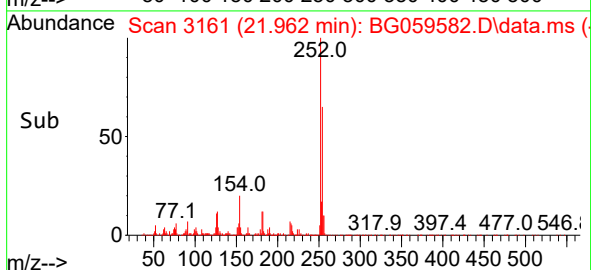
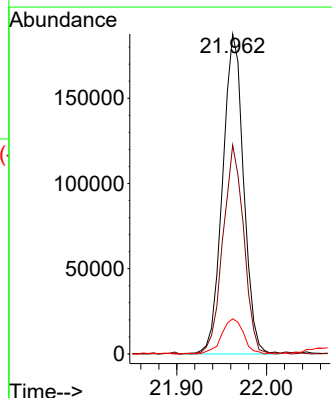
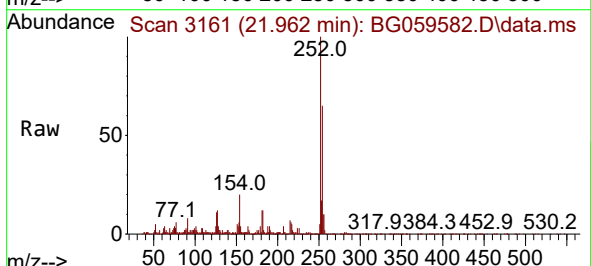
Tgt Ion:252 Resp: 305024

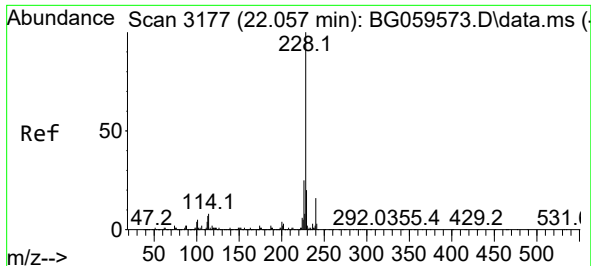
Ion Ratio Lower Upper

252 100

254 65.3 48.9 73.3

126 11.0 11.5 17.3#

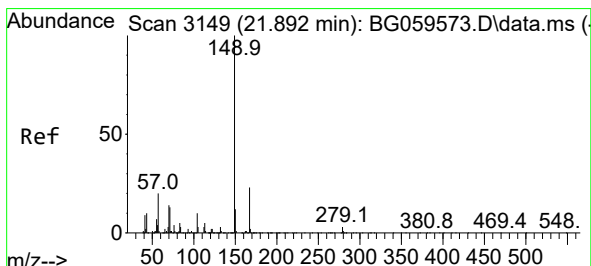
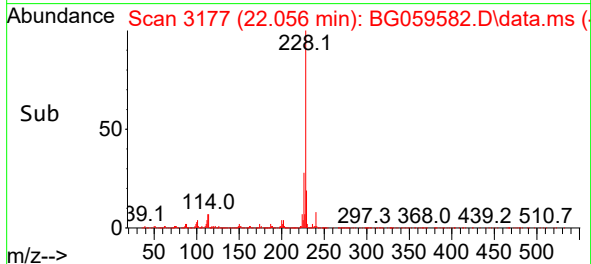
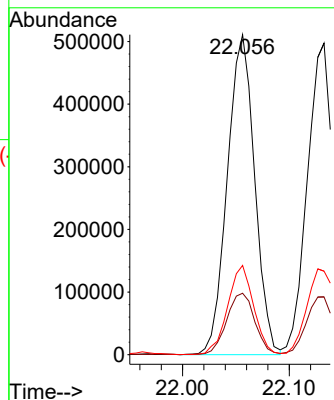
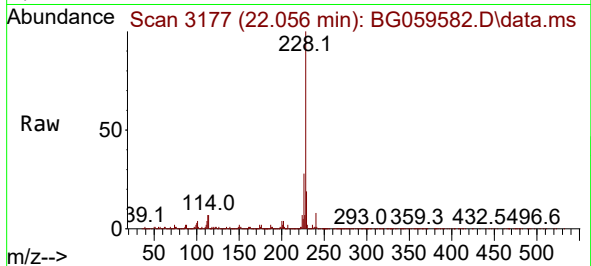




#85
Benzo(a)anthracene
Concen: 28.810 ng/ul
RT: 22.056 min Scan# 3177
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

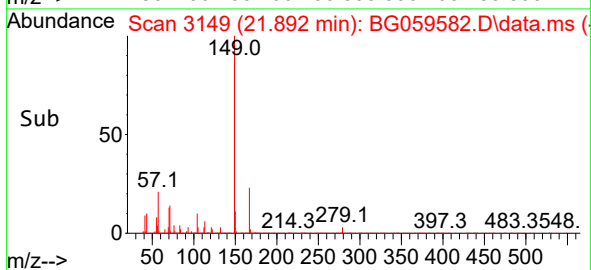
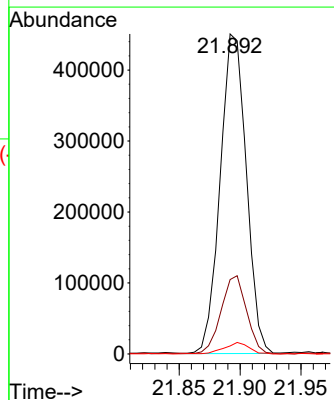
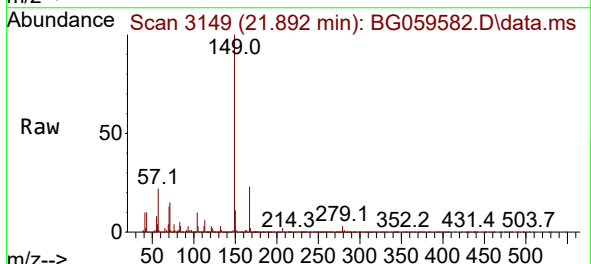
Instrument :
BNA_G
ClientSampleId :
SLCS564

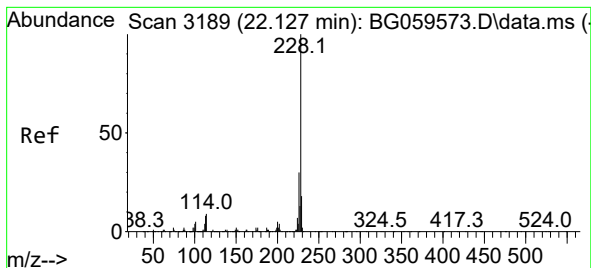
Tgt Ion:228 Resp: 912695
Ion Ratio Lower Upper
228 100
229 19.2 16.7 25.1
226 27.9 20.3 30.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 29.451 ng/ul
RT: 21.892 min Scan# 3149
Delta R.T. -0.024 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:149 Resp: 672407
Ion Ratio Lower Upper
149 100
167 23.3 19.4 29.2
279 2.5 2.2 3.4





#87

Chrysene

Concen: 28.819 ng/ul

RT: 22.133 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG059582.D

Acq: 1 Nov 2023 16:40

Instrument :

BNA_G

ClientSampleId :

SLCS564

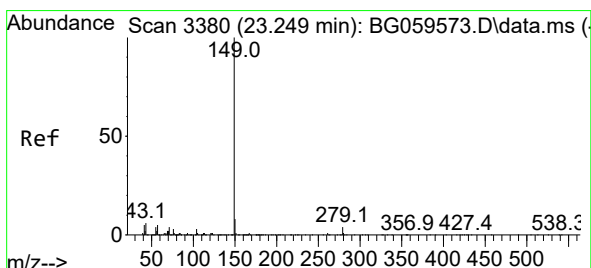
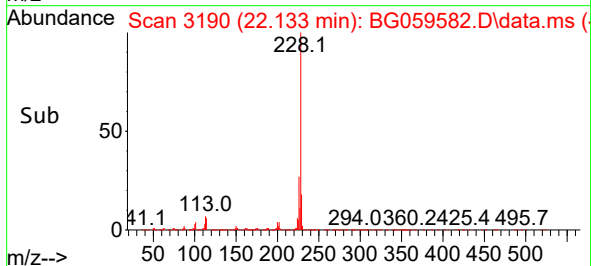
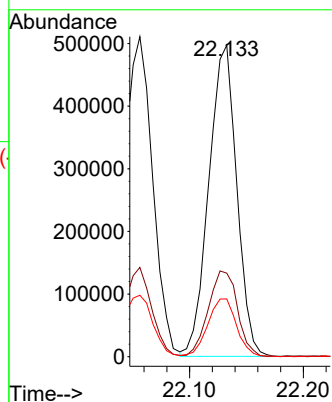
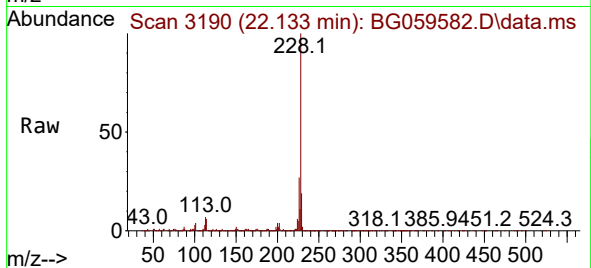
Tgt Ion:228 Resp: 849282

Ion Ratio Lower Upper

228 100

226 26.8 21.0 31.4

229 18.6 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 30.430 ng/ul

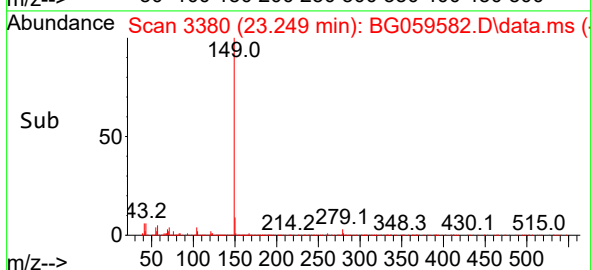
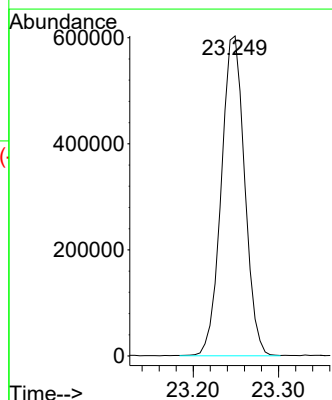
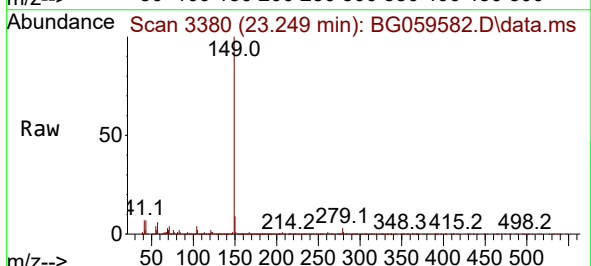
RT: 23.249 min Scan# 3380

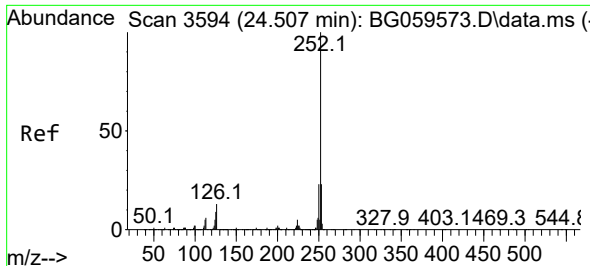
Delta R.T. -0.024 min

Lab File: BG059582.D

Acq: 1 Nov 2023 16:40

Tgt Ion:149 Resp: 1147480

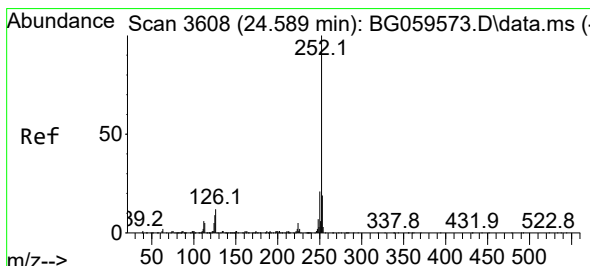
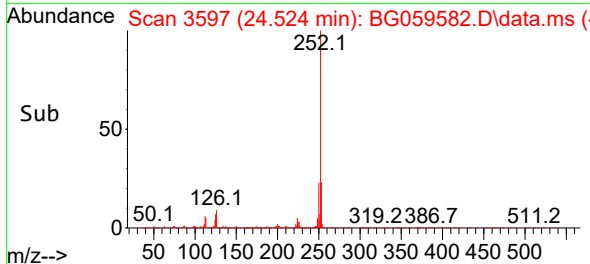
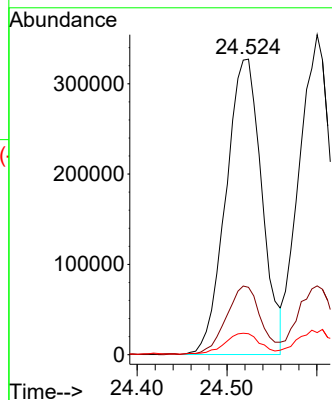
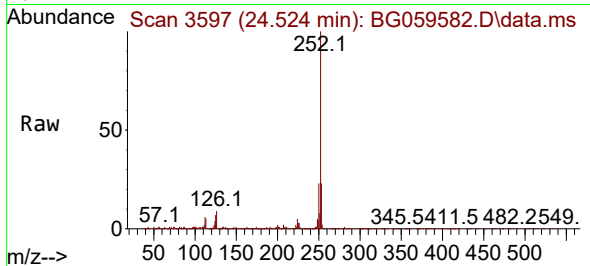




#90
Benzo(b)fluoranthene
Concen: 29.122 ng/ul
RT: 24.524 min Scan# 3594
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

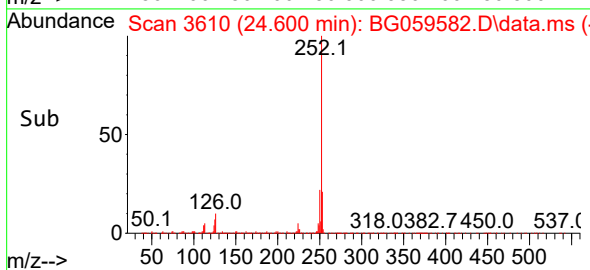
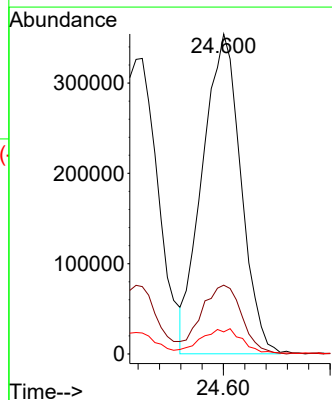
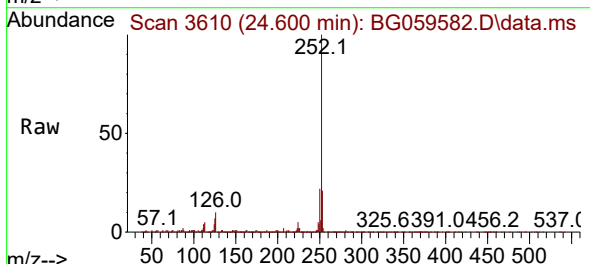
Instrument :
BNA_G
ClientSampleId :
SLCS564

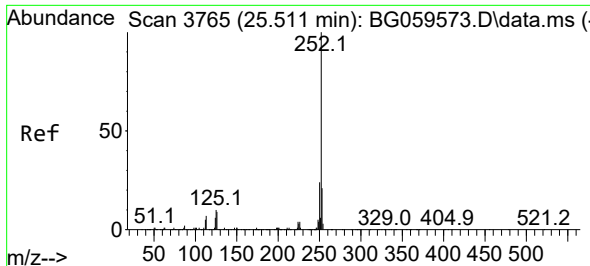
Tgt Ion:252 Resp: 909185
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 7.1 8.6 13.0#



#91
Benzo(k)fluoranthene
Concen: 28.468 ng/ul
RT: 24.600 min Scan# 3610
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:252 Resp: 887782
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 6.9 7.9 11.9#

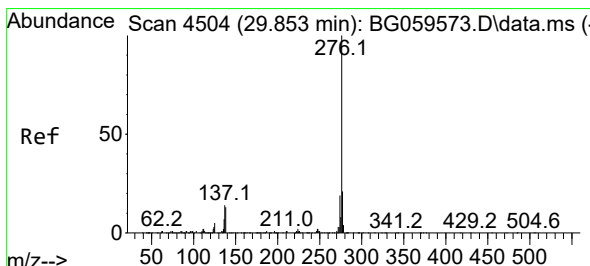
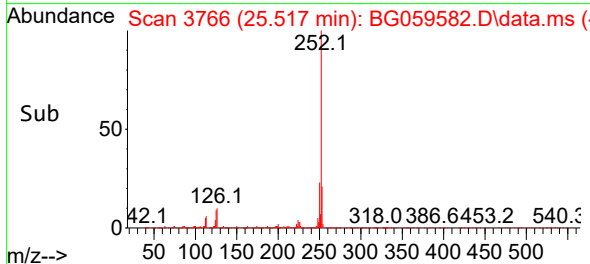
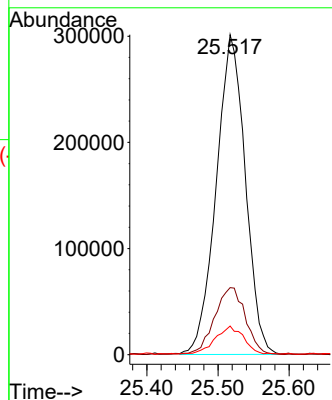
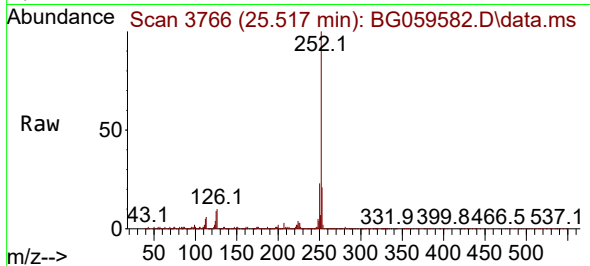




#93
Benzo(a)pyrene
Concen: 28.916 ng/ul
RT: 25.517 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

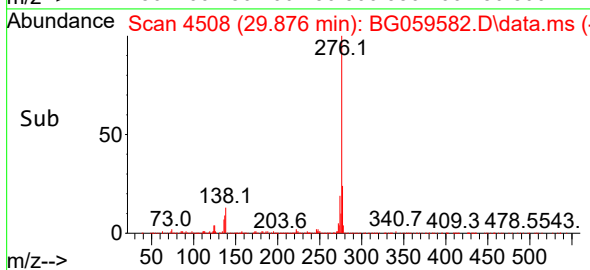
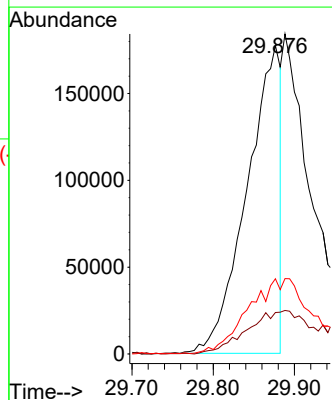
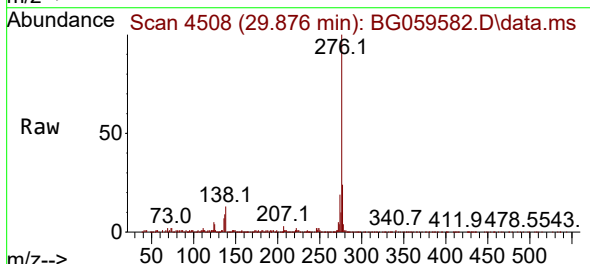
Instrument :
BNA_G
ClientSampleId :
SLCS564

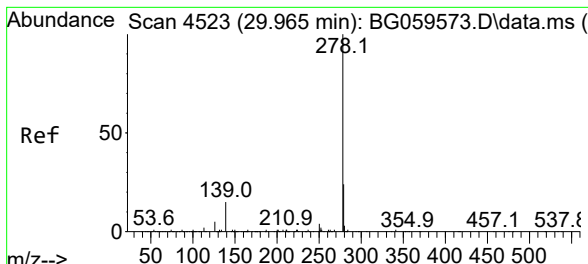
Tgt Ion:252 Resp: 853249
Ion Ratio Lower Upper
252 100
253 20.9 18.5 27.7
125 9.0 7.6 11.4



#94
Indeno(1,2,3-cd)pyrene
Concen: 13.682 ng/ul
RT: 29.876 min Scan# 4508
Delta R.T. -0.012 min
Lab File: BG059582.D
Acq: 1 Nov 2023 16:40

Tgt Ion:276 Resp: 511718
Ion Ratio Lower Upper
276 100
138 13.4 15.3 22.9#
277 24.4 16.4 24.6



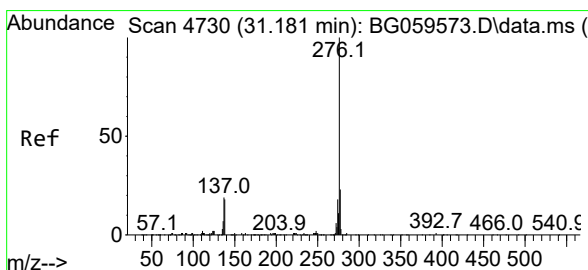
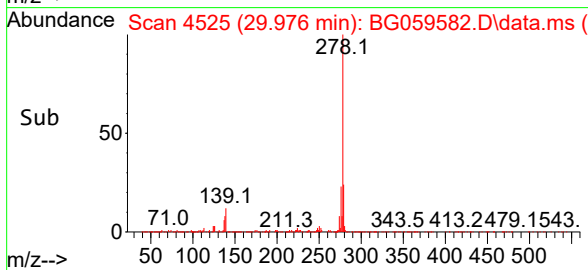
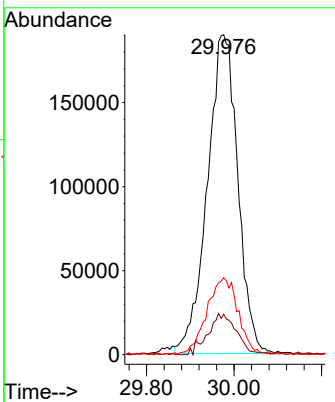
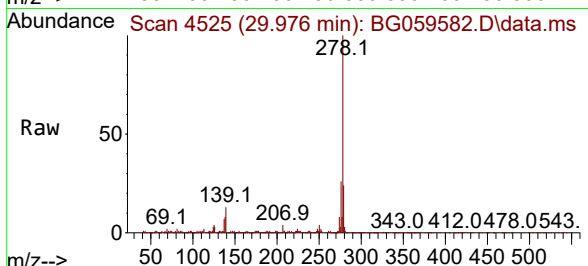


#95
 Dibenzo(a,h)anthracene
 Concen: 29.647 ng/ul
 RT: 29.976 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BG059582.D
 Acq: 1 Nov 2023 16:40

Instrument :
 BNA_G
 ClientSampleId :
 SLCS564

Tgt Ion:278 Resp: 915787

Ion	Ratio	Lower	Upper
278	100		
139	12.7	11.0	16.6
279	24.1	18.3	27.5



#96
 Benzo(g,h,i)perylene
 Concen: 16.112 ng/ul
 RT: 31.204 min Scan# 4734
 Delta R.T. -0.012 min
 Lab File: BG059582.D
 Acq: 1 Nov 2023 16:40

Tgt Ion:276 Resp: 493213

Ion	Ratio	Lower	Upper
276	100		
138	13.2	16.2	24.2#
277	21.9	18.2	27.4

