

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102723\
 Data File : BG059514.D
 Acq On : 27 Oct 2023 17:01
 Operator : MA/JU
 Sample : SP6327
 Misc : SFAM SURROGATES
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP6327

Quant Time: Oct 28 04:48:36 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	8.358	152	74578	20.000	ng/ul	0.00
20) Naphthalene-d8	11.208	136	336361	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.992	164	209072	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.741	188	439587	20.000	ng/ul	0.00
79) Chrysene-d12	22.077	240	386860	20.000	ng/ul	0.00
88) Perylene-d12	25.685	264	406888	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	27494	13.793	ng/uL	0.00
4) Pyridine-d5	4.087	84	446862	80.225	ng/ul	0.00
7) Phenol-d5	7.465	99	576969	75.286	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.682	67	269515	76.565	ng/ul	0.00
11) 2-Chlorophenol-d4	7.876	132	463148	74.492	ng/ul	0.00
15) 4-Methylphenol-d8	9.040	113	472120	77.650	ng/ul	0.00
21) Nitrobenzene-d5	9.563	128	216232	90.412	ng/ul	0.00
24) 2-Nitrophenol-d4	10.279	143	224482	91.430	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.802	165	410327	75.854	ng/ul	0.00
31) 4-Chloroaniline-d4	11.355	131	689820	77.466	ng/ul	0.00
46) Dimethylphthalate-d6	14.392	166	1423724	75.165	ng/ul	0.00
49) Acenaphthylene-d8	14.692	160	1656163	74.505	ng/ul	0.00
54) 4-Nitrophenol-d4	15.156	143	255928	78.791	ng/ul	0.00
60) Fluorene-d10	15.984	176	1151646	71.144	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.078	200	164807	79.168	ng/ul	0.00
73) Anthracene-d10	17.847	188	1768654	74.266	ng/ul	0.00
81) Pyrene-d10	20.115	212	1909873	71.026	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.450	264	1805465	75.354	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.693	88	405	0.182	ng/ul#	44
5) Pyridine	4.116	79	215	0.039	ng/ul#	1
6) Benzaldehyde	7.494	77	137	0.040	ng/ul#	25
8) Phenol	7.506	94	273	0.038	ng/ul#	41
10) Bis(2-Chloroethyl)ether	7.776	93	378	0.071	ng/ul#	25
12) 2-Chlorophenol	7.900	128	513	0.083	ng/ul#	1
13) 2-Methylphenol	8.769	108	162	0.027	ng/ul#	7
14) 2,2'-oxybis(1-Chloropr...	9.034	45	2428	0.487	ng/ul#	52
16) Acetophenone	9.210	105	358	0.037	ng/ul#	61
17) N-Nitroso-di-n-propyla...	9.169	70	191	0.042	ng/ul#	44
18) 4-Methylphenol	9.234	108	83	0.013	ng/ul#	1
22) Nitrobenzene	9.604	77	594	0.115	ng/ul#	64
23) Isophorone	10.115	82	683	0.053	ng/ul#	68
25) 2-Nitrophenol	10.309	139	205	0.078	ng/ul#	1
26) 2,4-Dimethylphenol	10.321	107	306	0.044	ng/ul#	12
27) Bis(2-Chloroethoxy)met...	10.597	93	117	0.016	ng/ul#	48
29) 2,4-Dichlorophenol	10.820	162	180	0.034	ng/ul#	1
30) Naphthalene	11.261	128	621	0.030	ng/ul#	70
32) 4-Chloroaniline	11.355	127	682	0.081	ng/ul#	1
34) Caprolactam	12.218	113	188	0.098	ng/ul#	2
35) 4-Chloro-3-methylphenol	12.430	107	105	0.017	ng/ul#	17
36) 2-Methylnaphthalene	12.847	142	337	0.023	ng/ul	93
37) 1-Methylnaphthalene	13.058	142	674	0.047	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	13.182	216	90	0.015	ng/ul#	25

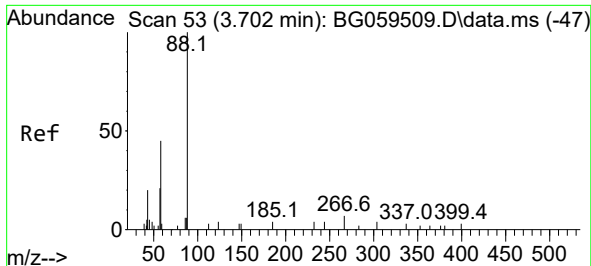
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102723\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 2,4,6-Trichlorophenol	13.411	196	152	0.036	ng/ul#	79
42) 2,4,5-Trichlorophenol	13.493	196	239	0.053	ng/ul#	79
43) 1,1'-Biphenyl	13.822	154	1348	0.071	ng/ul#	44
44) 2-Chloronaphthalene	13.887	162	688	0.047	ng/ul#	37
47) Dimethylphthalate	14.433	163	1056	0.056	ng/ul#	78
48) 2,6-Dinitrotoluene	14.574	165	314	0.111	ng/ul#	72
50) Acenaphthylene	14.721	152	945	0.037	ng/ul#	89
51) 3-Nitroaniline	15.021	138	302	0.086	ng/ul#	1
52) Acenaphthene	15.056	153	770	0.046	ng/ul	97
53) 2,4-Dinitrophenol	15.080	184	80	0.050	ng/ul#	24
55) 4-Nitrophenol	15.156	109	1099	0.307	ng/ul#	1
56) Dibenzofuran	15.391	168	516	0.024	ng/ul	96
57) 2,4-Dinitrotoluene	15.350	165	102	0.026	ng/ul#	32
58) 2,3,4,6-Tetrachlorophenol	15.585	232	398	0.112	ng/ul#	30
59) Diethylphthalate	15.779	149	780	0.038	ng/ul#	61
61) Fluorene	16.049	166	537	0.029	ng/ul#	48
62) 4-Chlorophenyl-phenyle...	16.014	204	250	0.031	ng/ul#	49
63) 4-Nitroaniline	16.067	138	1006	0.269	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	16.084	198	1112	0.507	ng/ul#	1
67) N-Nitrosodiphenylamine	16.243	169	658	0.044	ng/ul#	37
69) Hexachlorobenzene	17.089	284	62	0.012	ng/ul#	29
70) Atrazine	17.177	200	272	0.058	ng/ul#	85
71) Pentachlorophenol	17.371	266	528	0.182	ng/ul#	22
72) Phenanthrene	17.794	178	1209	0.042	ng/ul#	55
74) Anthracene	17.870	178	1717	0.060	ng/ul#	80
75) 1,2,3,4-Tetrachloroben...	13.787	216	145	0.025	ng/ul#	14
77) Carbazole	18.141	167	2616	0.106	ng/ul#	90
78) Di-n-butylphthalate	18.670	149	1854	0.054	ng/ul#	69
80) Fluoranthene	19.774	202	3554	0.108	ng/ul#	90
82) Pyrene	20.138	202	5140	0.151	ng/ul#	21
83) Butylbenzylphthalate	21.014	149	3530	0.230	ng/ul#	69
84) 3,3'-Dichlorobenzidine	21.954	252	840	0.083	ng/ul#	91
85) Benzo(a)anthracene	22.054	228	9270	0.291	ng/ul#	90
86) Bis(2-ethylhexyl)phtha...	21.913	149	3493	0.152	ng/ul#	83
87) Chrysene	22.130	228	6915	0.233	ng/ul#	86
89) Di-n-octyl phthalate	23.264	149	2966	0.083	ng/ul	100
90) Benzo(b)fluoranthene	24.522	252	1757	0.060	ng/ul#	83
91) Benzo(k)fluoranthene	24.598	252	2337	0.079	ng/ul#	59
93) Benzo(a)pyrene	25.532	252	841	0.030	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.880	276	547	0.015	ng/ul#	1
95) Dibenzo(a,h)anthracene	29.974	278	1119	0.038	ng/ul#	58
96) Benzo(g,h,i)perylene	31.202	276	1136	0.039	ng/ul#	87

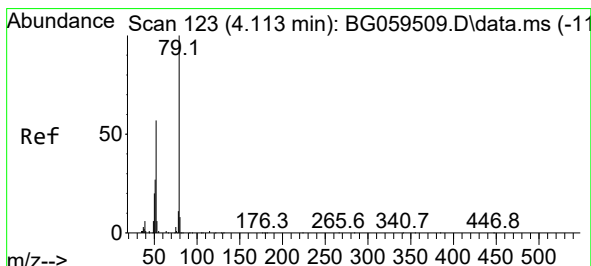
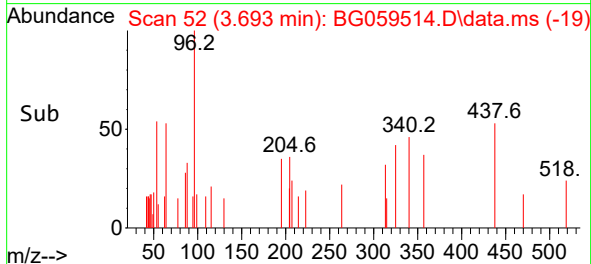
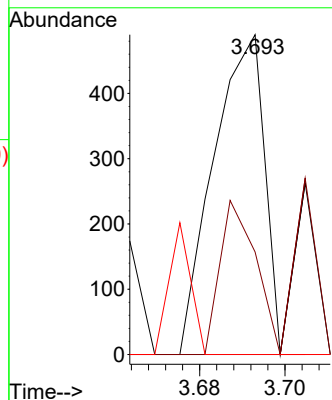
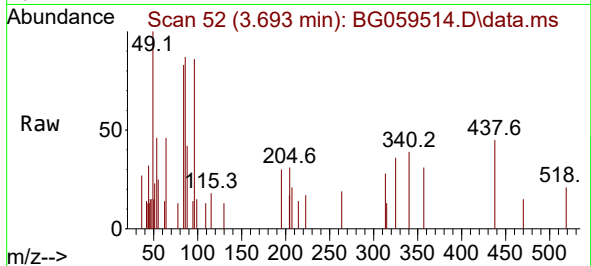
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#2
1,4-Dioxane
Concen: 0.182 ng/uL
RT: 3.693 min Scan# 51
Delta R.T. -0.009 min
Lab File: BG059514.D
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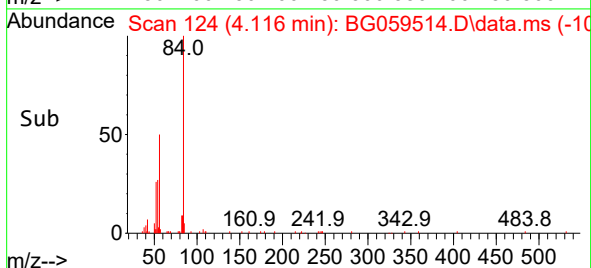
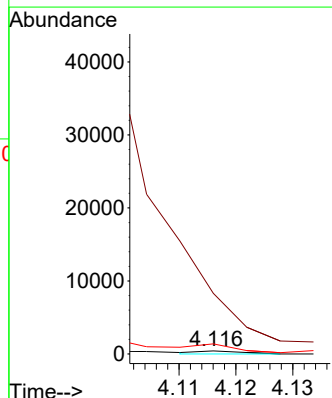
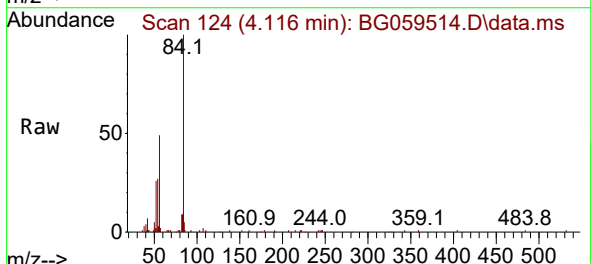
Instrument :
BNA_G
ClientSampleId :
SP6327

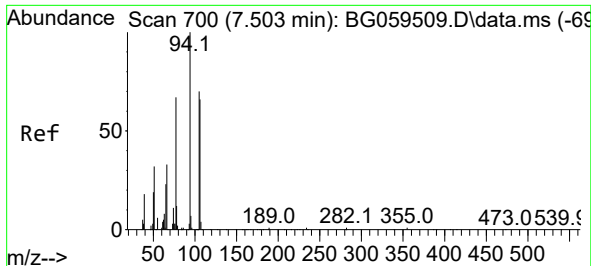
Tgt Ion: 88 Resp: 405
Ion Ratio Lower Upper
88 100
43 32.0 15.7 23.5#
58 0.0 36.2 54.2#



#5
Pyridine
Concen: 0.039 ng/uL
RT: 4.116 min Scan# 124
Delta R.T. 0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion: 79 Resp: 215
Ion Ratio Lower Upper
79 100
52 2027.6 53.3 79.9#
51 334.6 22.4 33.6#

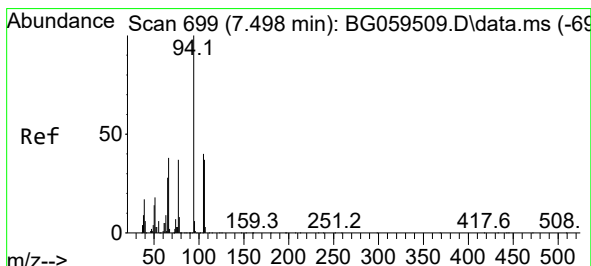
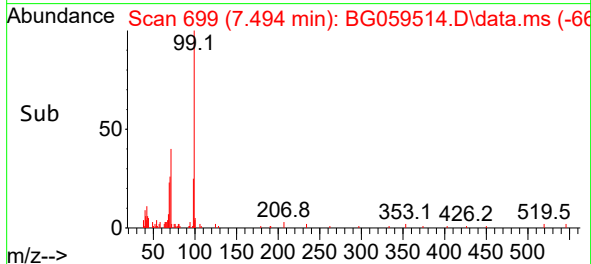
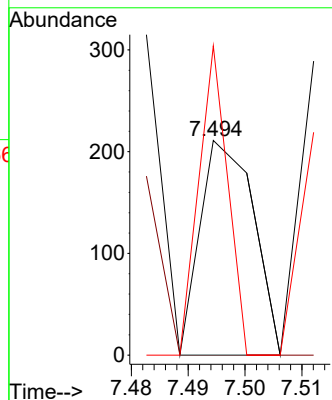
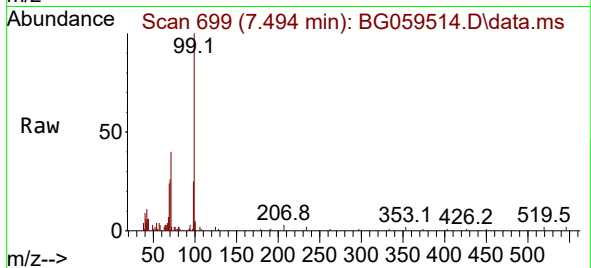




#6
Benzaldehyde
Concen: 0.040 ng/ul
RT: 7.494 min Scan# 699
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

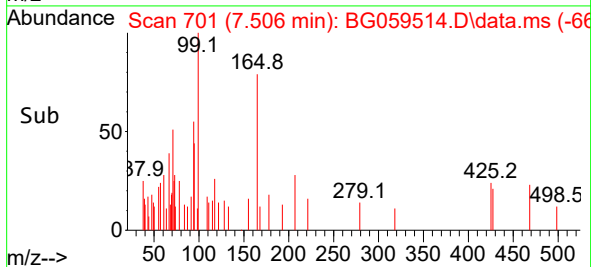
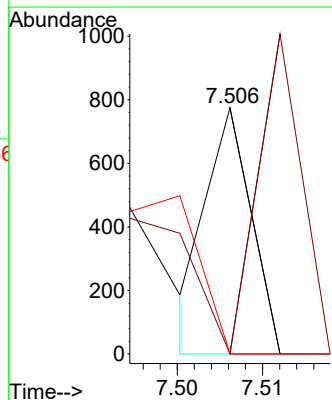
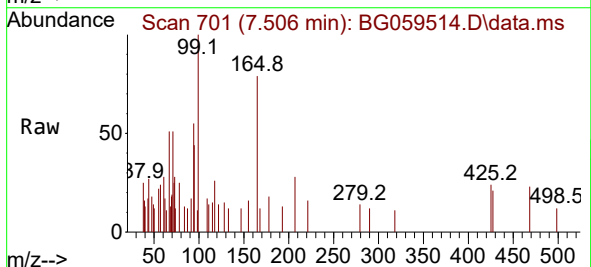
Instrument :
BNA_G
ClientSampleId :
SP6327

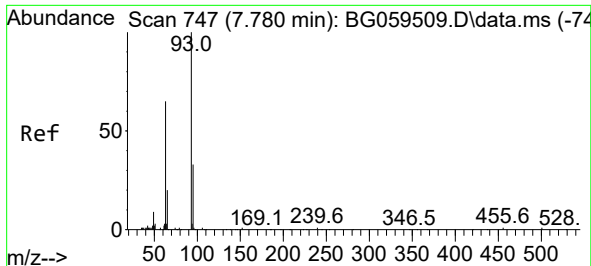
Tgt Ion: 77 Resp: 137
Ion Ratio Lower Upper
77 100
105 0.0 83.6 125.4#
106 144.1 78.6 118.0#



#8
Phenol
Concen: 0.038 ng/ul
RT: 7.506 min Scan# 701
Delta R.T. 0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion: 94 Resp: 273
Ion Ratio Lower Upper
94 100
65 0.0 22.5 33.7#
66 0.0 31.1 46.7#

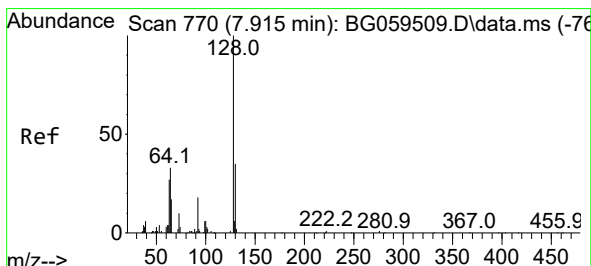
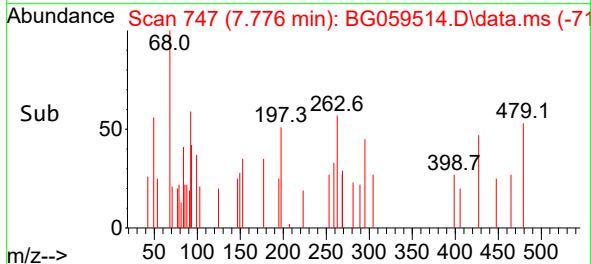
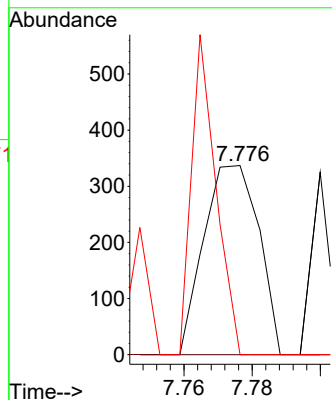
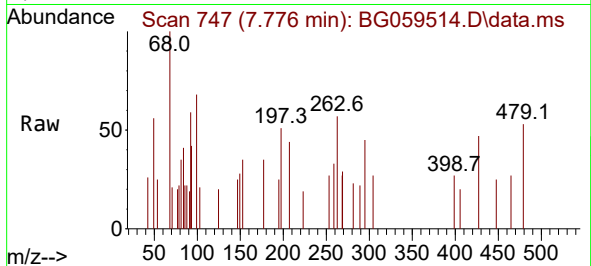




#10
Bis(2-Chloroethyl)ether
Concen: 0.071 ng/ul
RT: 7.776 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

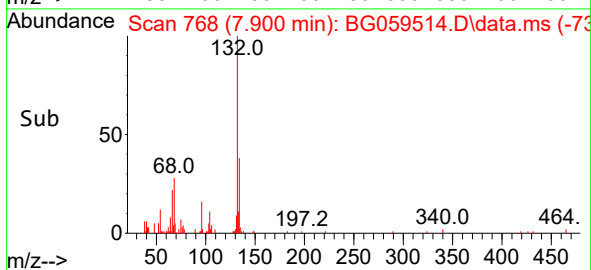
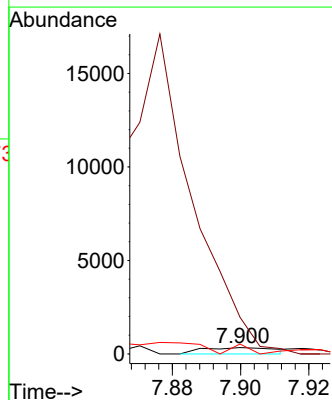
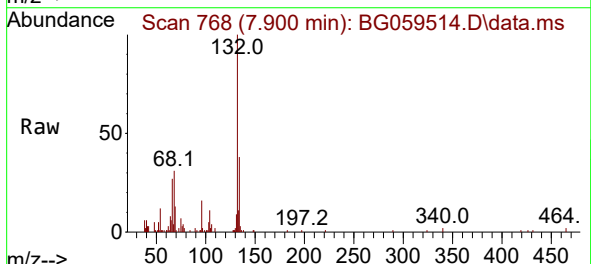
Instrument :
BNA_G
ClientSampleId :
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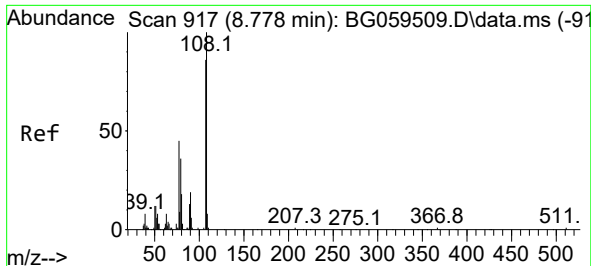
Tgt Ion: 93 Resp: 378
Ion Ratio Lower Upper
93 100
63 0.0 52.5 78.7#
95 0.0 26.5 39.7#



#12
2-Chlorophenol
Concen: 0.083 ng/ul
RT: 7.900 min Scan# 768
Delta R.T. -0.015 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:128 Resp: 513
Ion Ratio Lower Upper
128 100
64 574.3 30.2 45.2#
130 155.8 27.9 41.9#

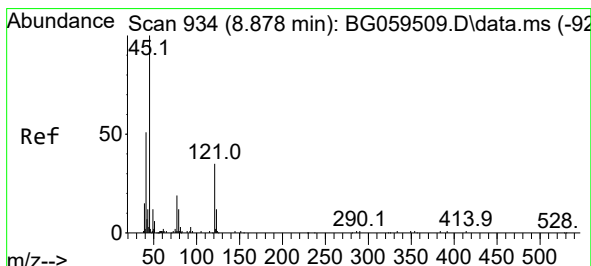
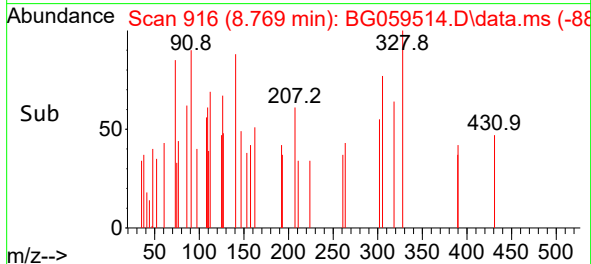
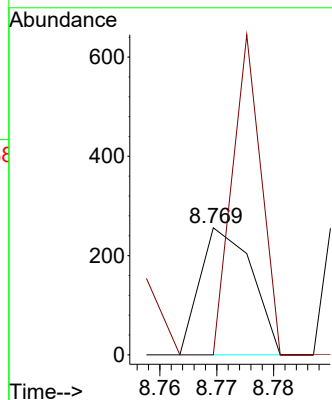
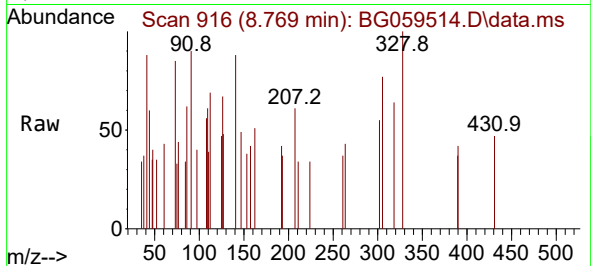




#13
2-Methylphenol
Concen: 0.027 ng/ul
RT: 8.769 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

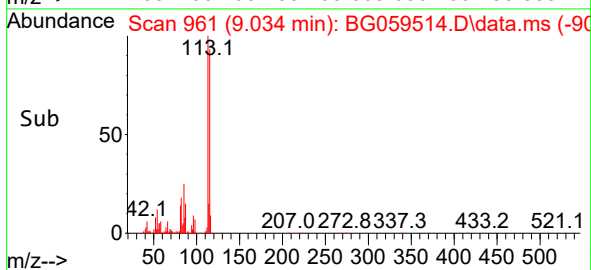
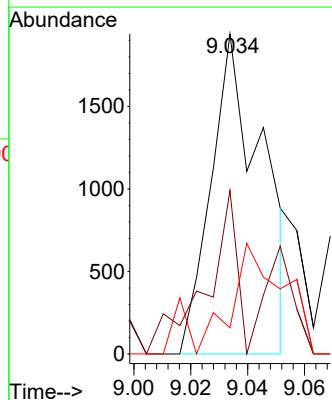
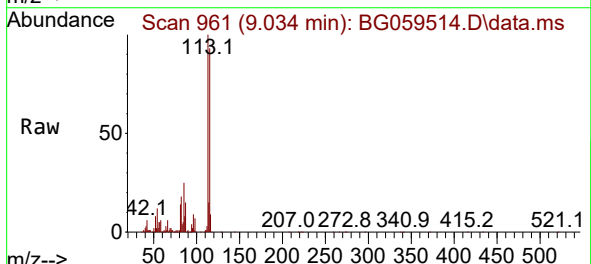
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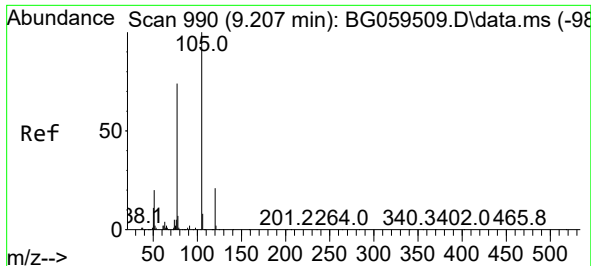
Tgt Ion:108 Resp: 162
Ion Ratio Lower Upper
108 100
107 0.0 68.6 102.8#



#14
2,2'-oxybis(1-Chloropropane)
Concen: 0.487 ng/ul
RT: 9.034 min Scan# 961
Delta R.T. 0.155 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion: 45 Resp: 2428
Ion Ratio Lower Upper
45 100
77 51.1 15.0 22.6#
79 8.1 10.0 15.0#

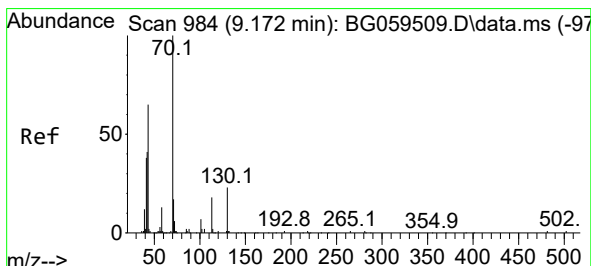
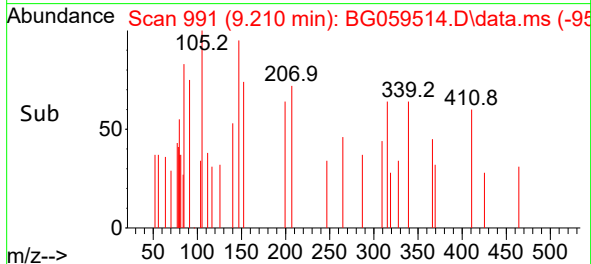
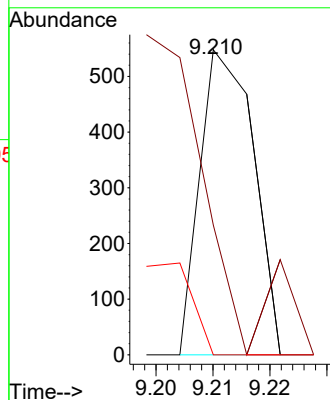
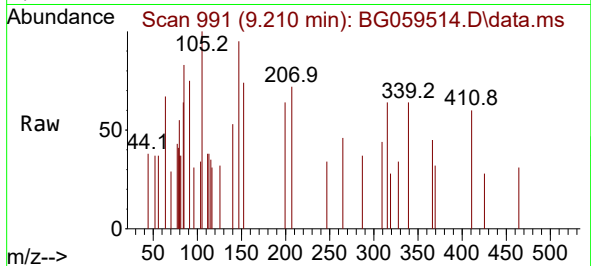




#16
Acetophenone
Concen: 0.037 ng/ul
RT: 9.210 min Scan# 991
Delta R.T. 0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

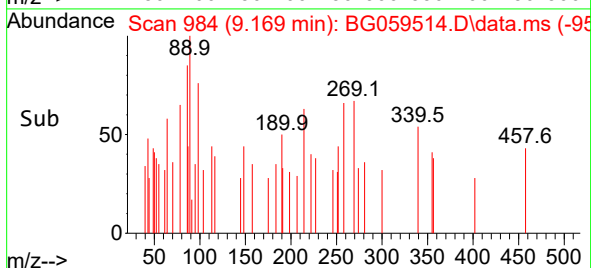
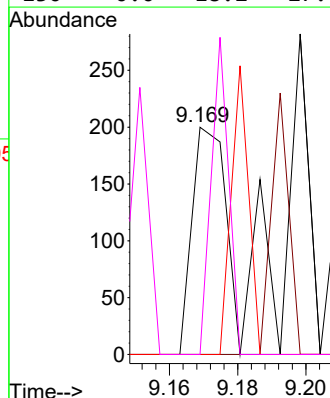
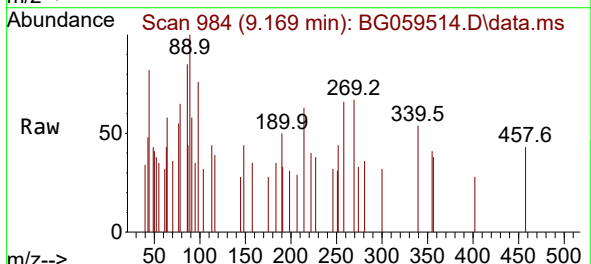
Instrument :
BNA_G
ClientSampleId :
SP6327

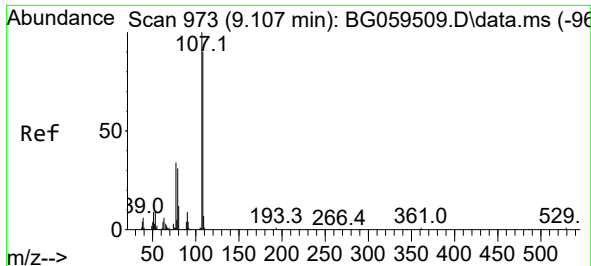
Tgt Ion:105 Resp: 358
Ion Ratio Lower Upper
105 100
77 42.5 59.6 89.4#
51 0.0 16.2 24.4#



#17
N-Nitroso-di-n-propylamine
Concen: 0.042 ng/ul
RT: 9.169 min Scan# 984
Delta R.T. -0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion: 70 Resp: 191
Ion Ratio Lower Upper
70 100
42 0.0 33.8 50.8#
101 0.0 5.4 8.0#
130 0.0 18.2 27.4#





#18

4-Methylphenol

Concen: 0.013 ng/ul

RT: 9.234 min Scan# 91

Delta R.T. 0.126 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_G

ClientSampleId :

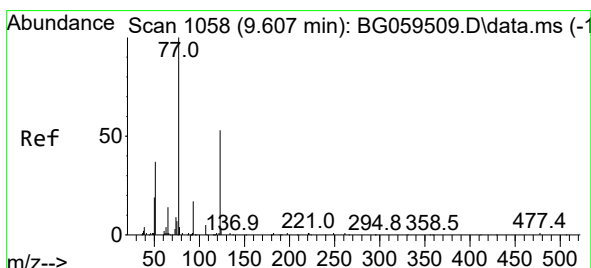
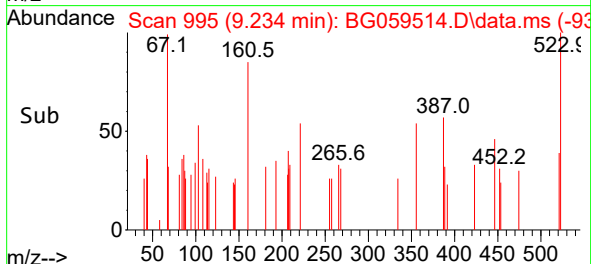
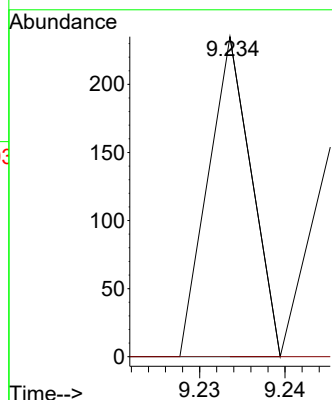
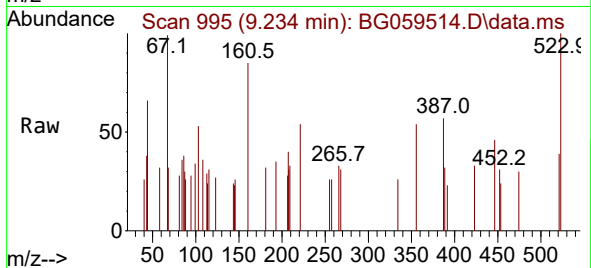
SP6327

Tgt Ion:108 Resp: 83

Ion Ratio Lower Upper

108 100

107 0.0 88.9 133.3#



#22

Nitrobenzene

Concen: 0.115 ng/ul

RT: 9.604 min Scan# 1058

Delta R.T. -0.003 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

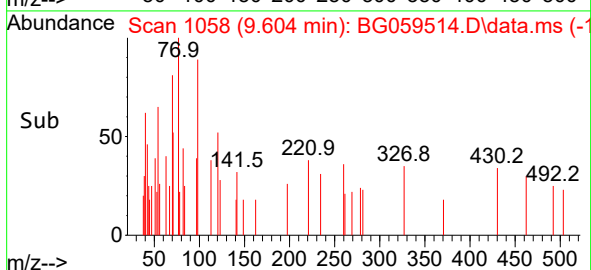
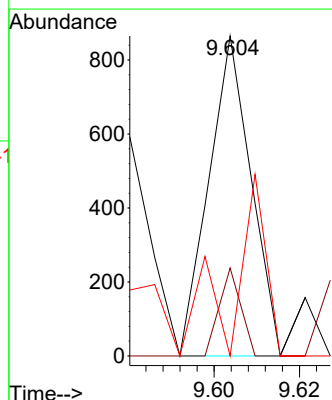
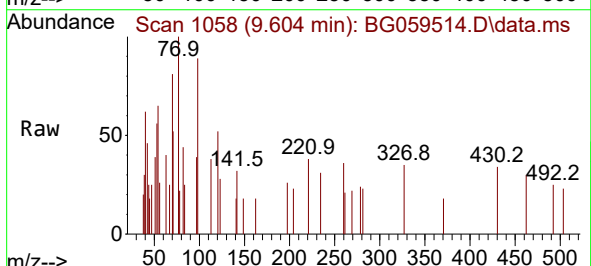
Tgt Ion: 77 Resp: 594

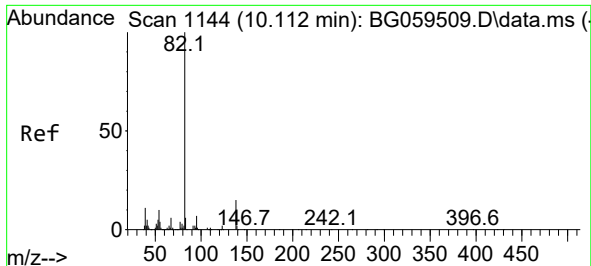
Ion Ratio Lower Upper

77 100

123 27.5 42.6 63.8#

65 0.0 11.0 16.4#

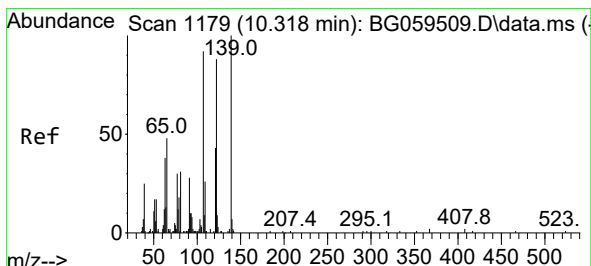
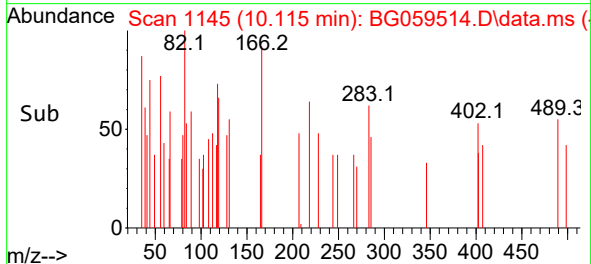
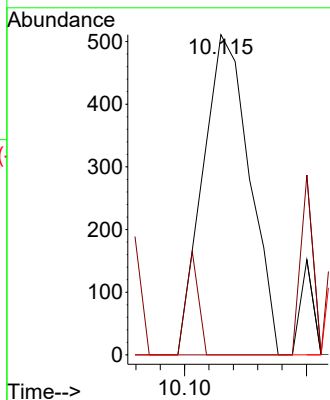
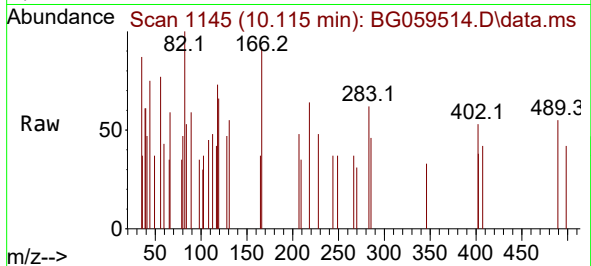




#23
Isophorone
Concen: 0.053 ng/ul
RT: 10.115 min Scan# 1145
Delta R.T. 0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

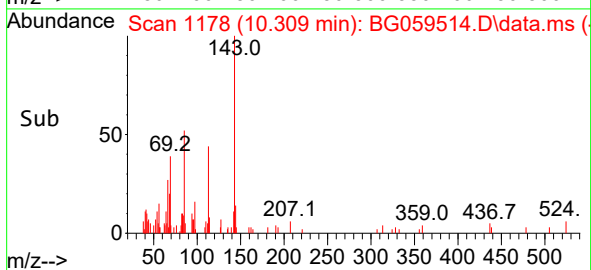
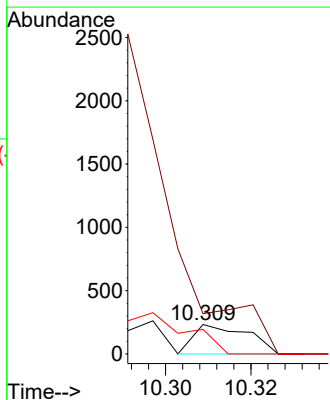
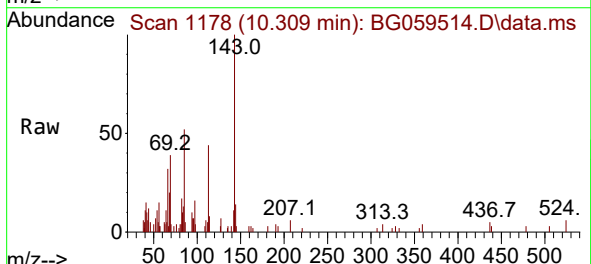
Instrument :
BNA_G
ClientSampleId :
SP6327

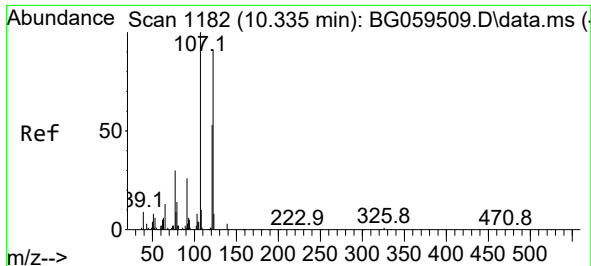
Tgt Ion: 82 Resp: 683
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.3 18.5#



#25
2-Nitrophenol
Concen: 0.078 ng/ul
RT: 10.309 min Scan# 1178
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:139 Resp: 205
Ion Ratio Lower Upper
139 100
65 136.5 39.7 59.5#
109 83.7 21.0 31.6#

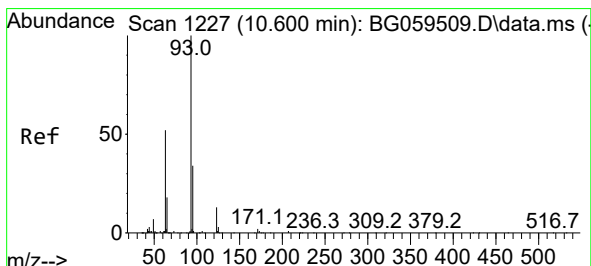
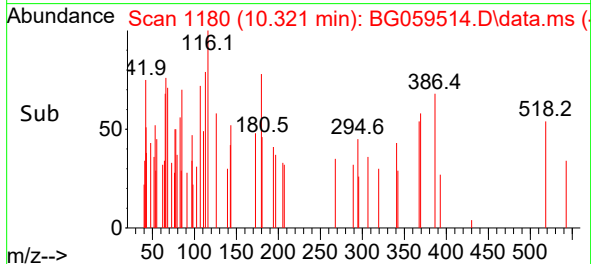
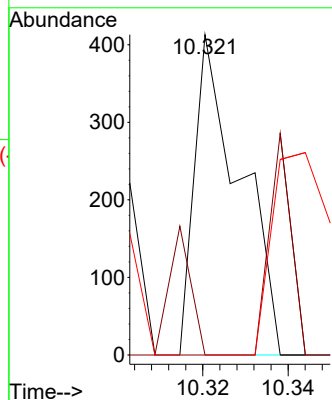
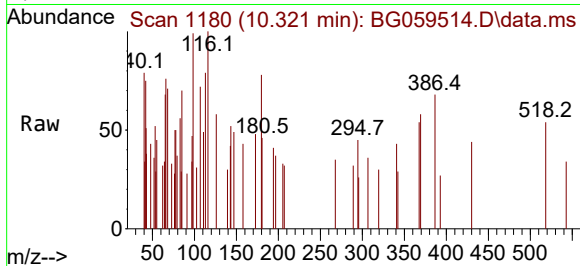




#26
2,4-Dimethylphenol
Concen: 0.044 ng/ul
RT: 10.321 min Scan# 1182
Delta R.T. -0.015 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

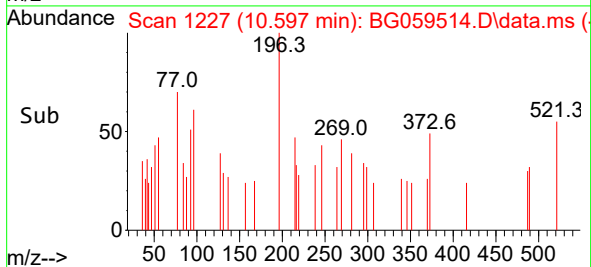
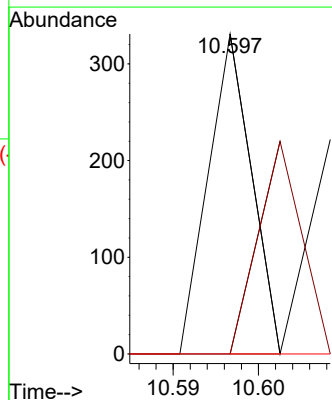
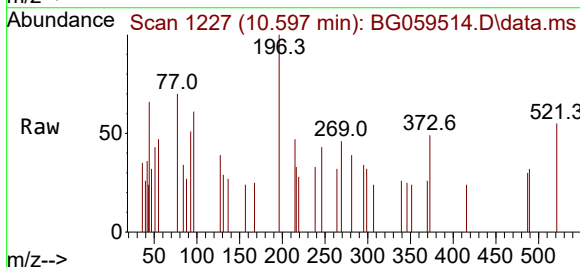
Instrument :
BNA_G
ClientSampleId :
SP6327

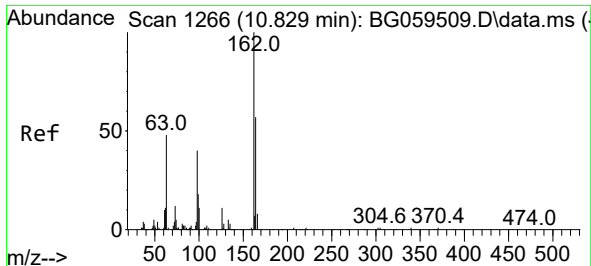
Tgt Ion:107 Resp: 306
Ion Ratio Lower Upper
107 100
121 0.0 42.7 64.1#
122 0.0 72.6 108.8#



#27
Bis(2-Chloroethoxy)methane
Concen: 0.016 ng/ul
RT: 10.597 min Scan# 1227
Delta R.T. -0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion: 93 Resp: 117
Ion Ratio Lower Upper
93 100
95 0.0 27.1 40.7#
123 0.0 10.3 15.5#

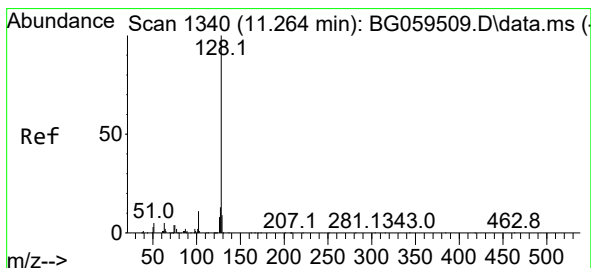
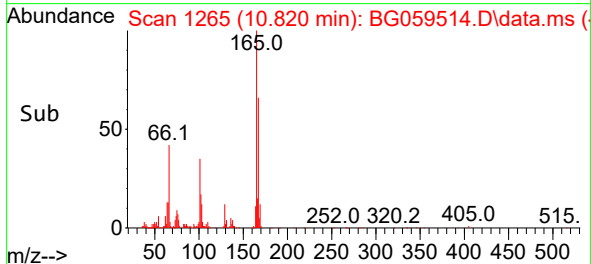
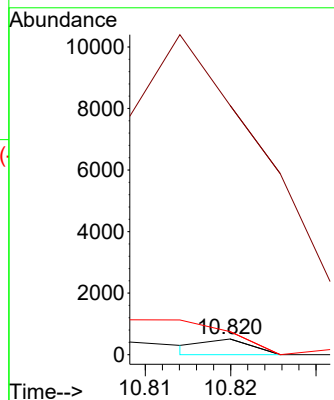
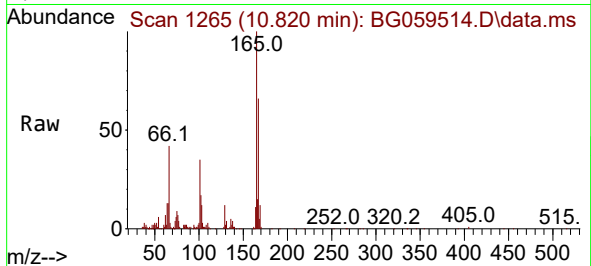




#29
2,4-Dichlorophenol
Concen: 0.034 ng/ul
RT: 10.820 min Scan# 1266
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

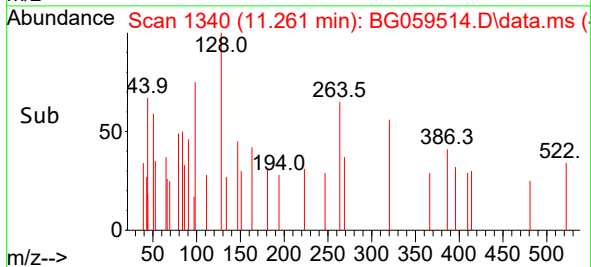
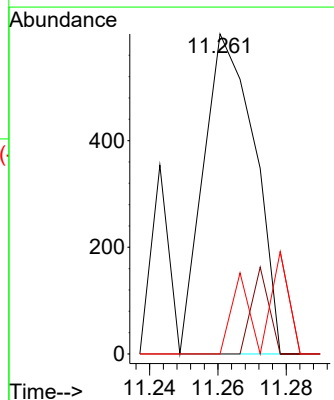
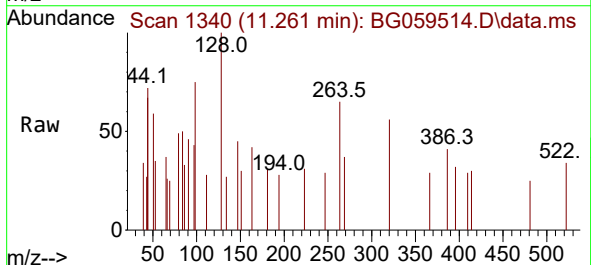
Instrument :
BNA_G
ClientSampleId :
SP6327

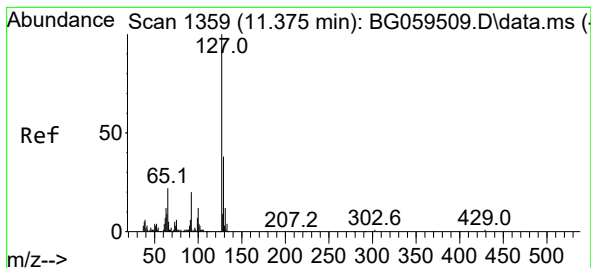
Tgt Ion:162 Resp: 180
Ion Ratio Lower Upper
162 100
164 1584.9 45.3 67.9#
98 146.6 32.2 48.4#



#30
Naphthalene
Concen: 0.030 ng/ul
RT: 11.261 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:128 Resp: 621
Ion Ratio Lower Upper
128 100
129 0.0 7.4 11.0#
127 0.0 10.5 15.7#

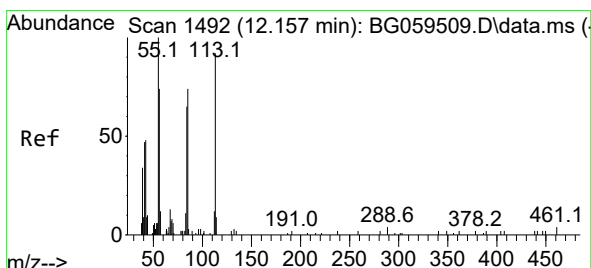
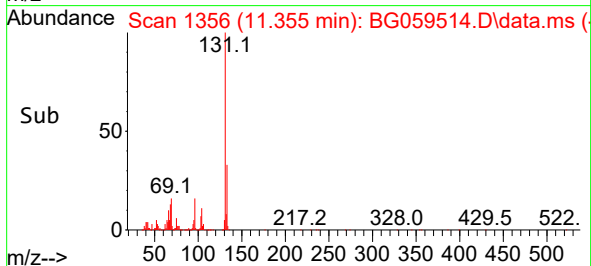
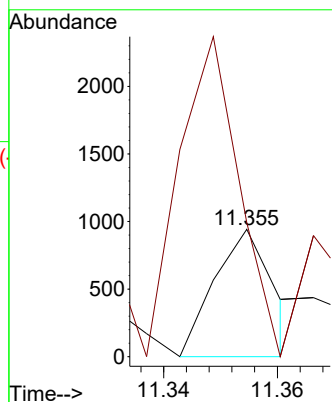
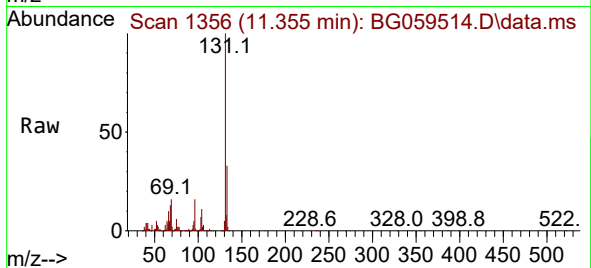




#32
4-Chloroaniline
Concen: 0.081 ng/ul
RT: 11.355 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

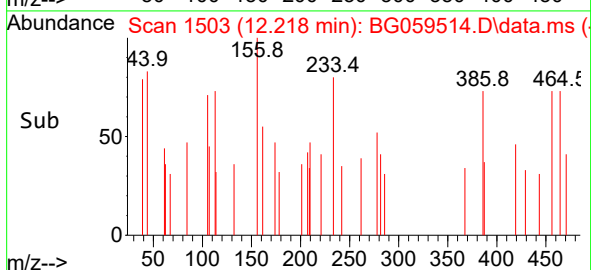
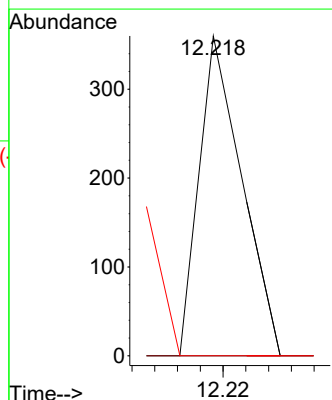
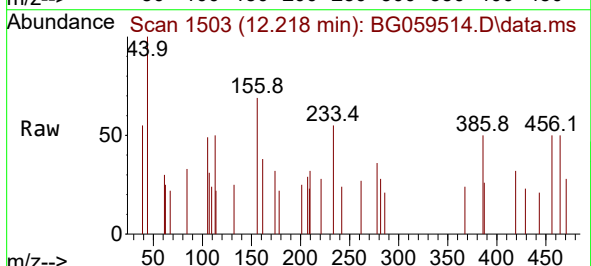
Instrument :
BNA_G
ClientSampleId :
SP6327

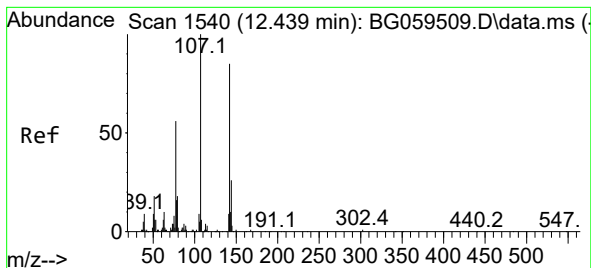
Tgt Ion:127 Resp: 682
Ion Ratio Lower Upper
127 100
129 105.3 30.4 45.6#



#34
Caprolactam
Concen: 0.098 ng/ul
RT: 12.218 min Scan# 1503
Delta R.T. 0.061 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:113 Resp: 188
Ion Ratio Lower Upper
113 100
55 0.0 86.9 130.3#
56 0.0 64.4 96.6#

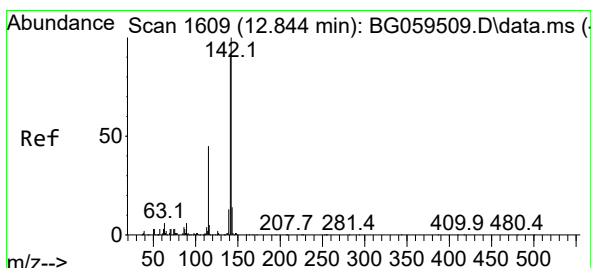
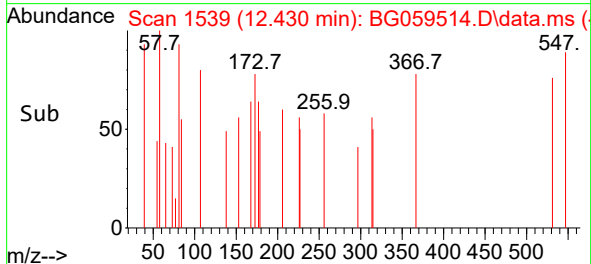
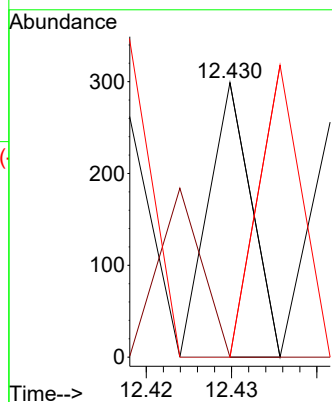
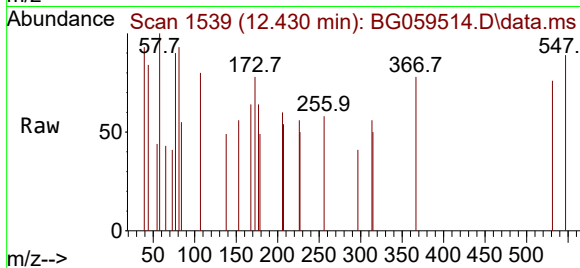




#35
4-Chloro-3-methylphenol
Concen: 0.017 ng/ul
RT: 12.430 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

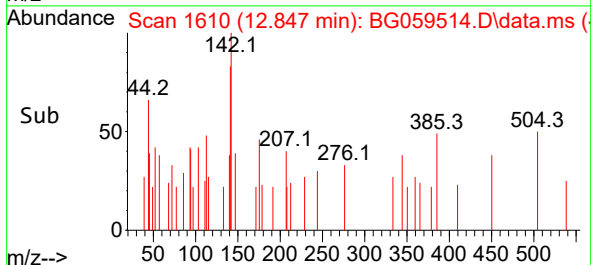
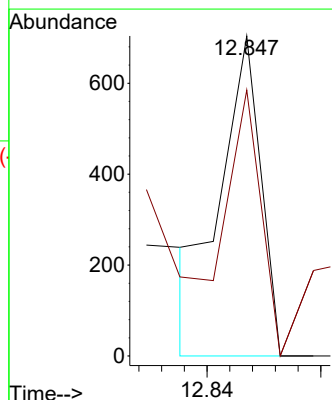
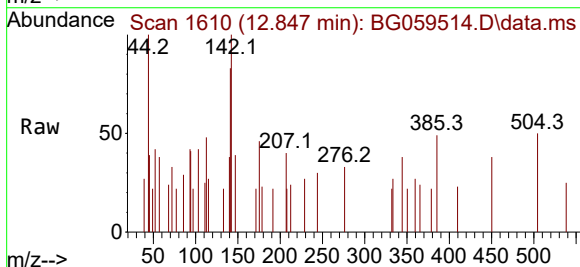
Instrument :
BNA_G
ClientSampleId :
SP6327

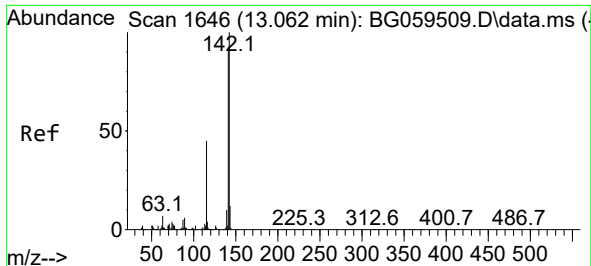
Tgt Ion:107 Resp: 105
Ion Ratio Lower Upper
107 100
144 0.0 21.0 31.6#
142 0.0 68.2 102.4#



#36
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.847 min Scan# 1610
Delta R.T. 0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:142 Resp: 337
Ion Ratio Lower Upper
142 100
141 83.1 71.7 107.5





#37

1-Methylnaphthalene

Concen: 0.047 ng/ul

RT: 13.058 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_G

ClientSampleId :

SP6327

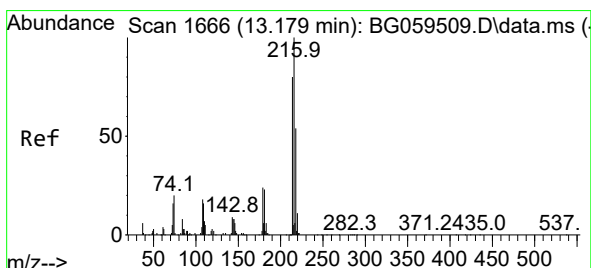
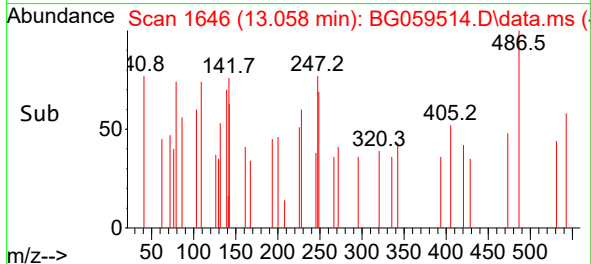
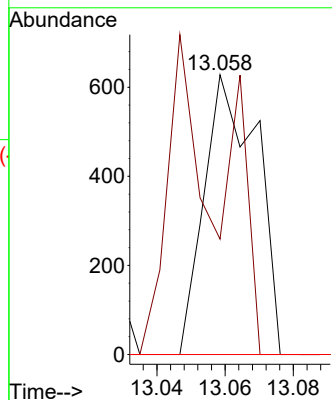
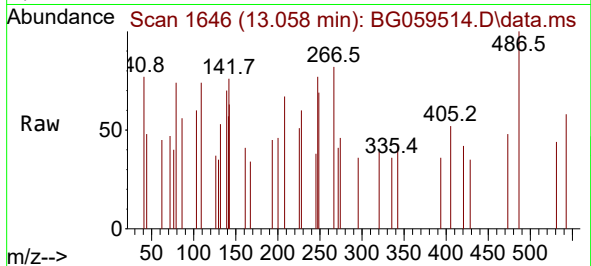
Tgt Ion:142 Resp: 674

Ion Ratio Lower Upper

142 100

141 95.9 73.1 109.7

116 0.0 3.3 4.9#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.015 ng/ul

RT: 13.182 min Scan# 1667

Delta R.T. 0.003 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

Tgt Ion:216 Resp: 90

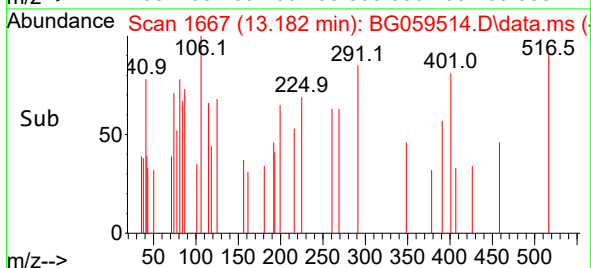
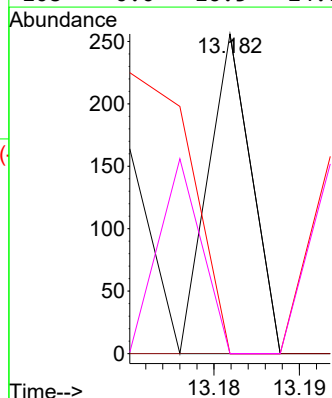
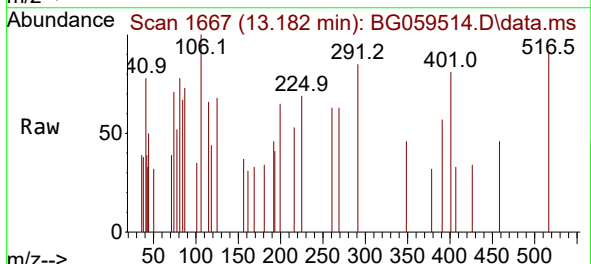
Ion Ratio Lower Upper

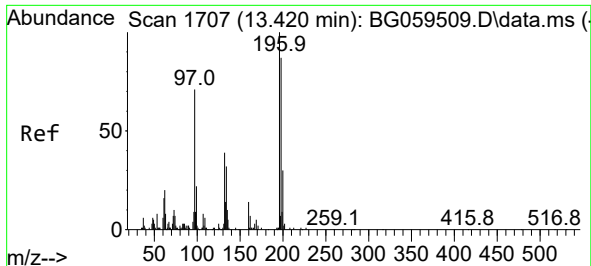
216 100

214 0.0 63.7 95.5#

179 0.0 19.2 28.8#

108 0.0 16.5 24.7#

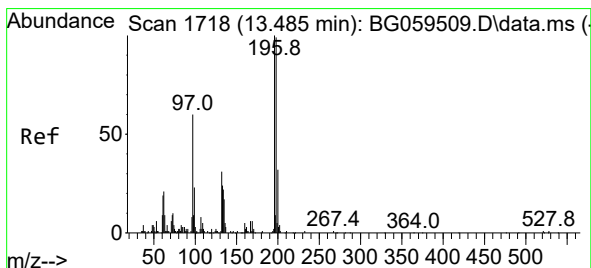
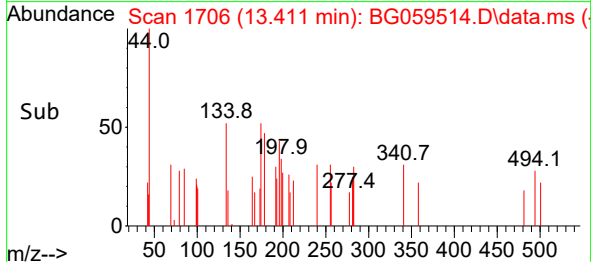
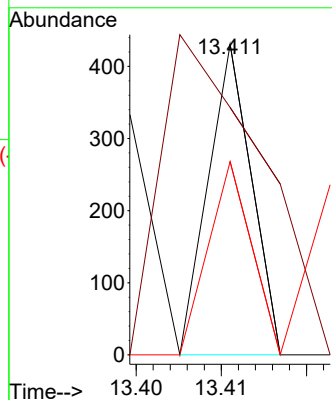
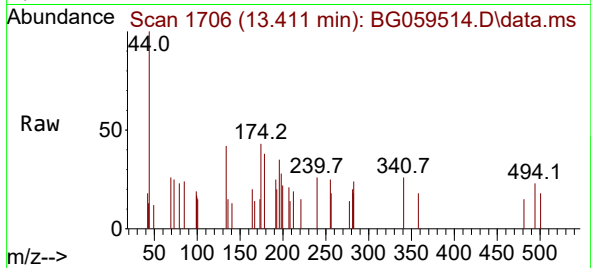




#41
2,4,6-Trichlorophenol
Concen: 0.036 ng/ul
RT: 13.411 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

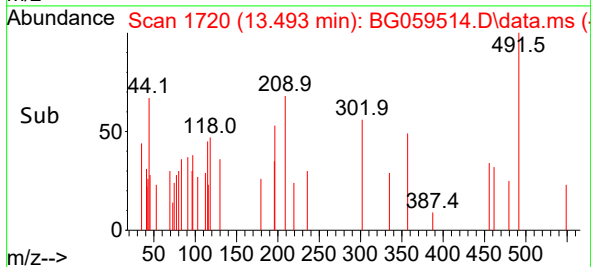
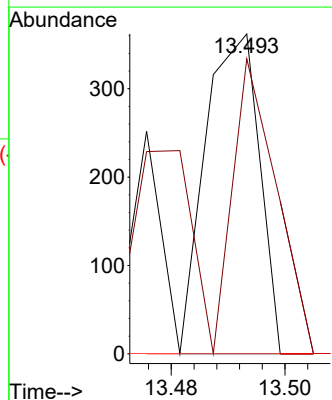
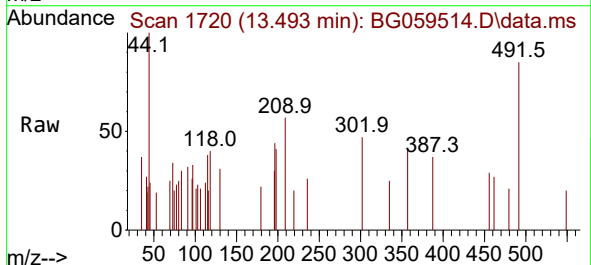
Instrument :
BNA_G
ClientSampleId :
SP6327

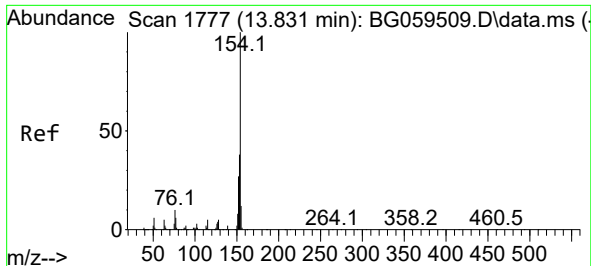
Tgt Ion:196 Resp: 152
Ion Ratio Lower Upper
196 100
198 79.6 69.6 104.4
200 62.2 23.8 35.8#



#42
2,4,5-Trichlorophenol
Concen: 0.053 ng/ul
RT: 13.493 min Scan# 1720
Delta R.T. 0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:196 Resp: 239
Ion Ratio Lower Upper
196 100
198 92.3 79.8 119.6
200 0.0 28.0 42.0#

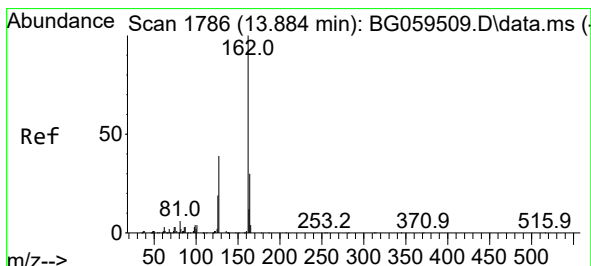
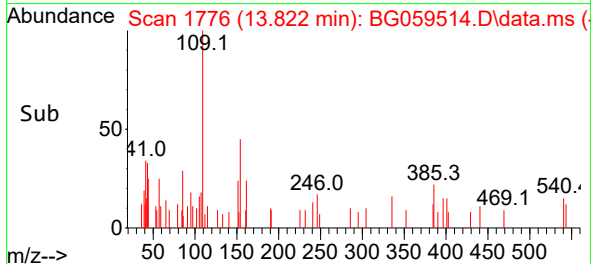
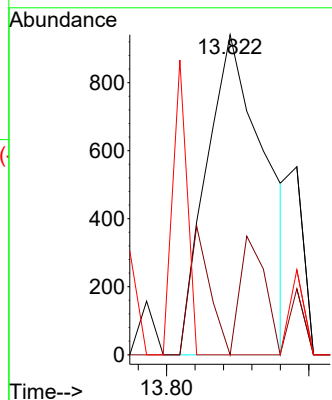
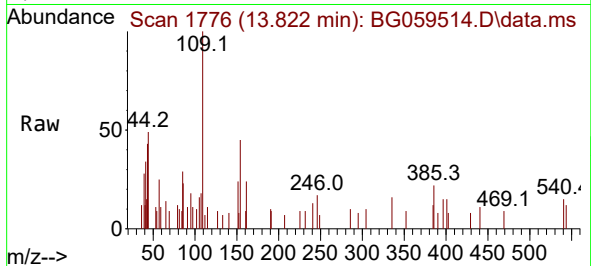




#43
1,1'-Biphenyl
Concen: 0.071 ng/ul
RT: 13.822 min Scan# 1776
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

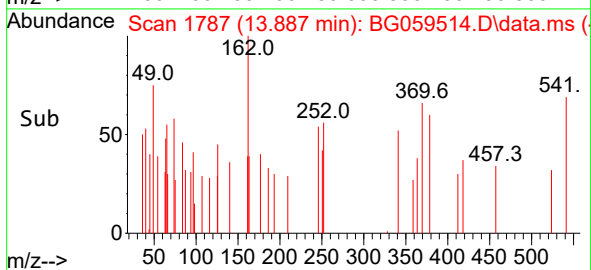
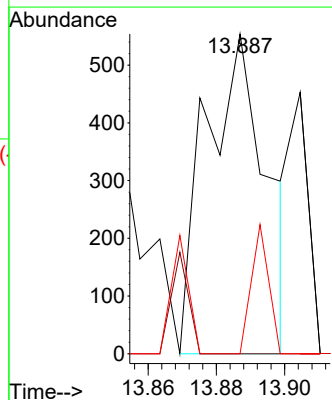
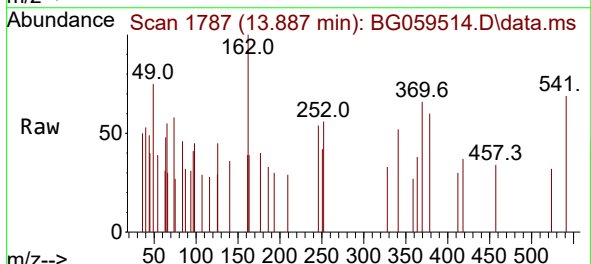
Instrument :
BNA_G
ClientSampleId :
SP6327

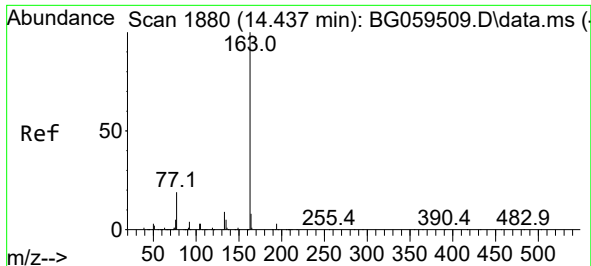
Tgt Ion:154 Resp: 1348
Ion Ratio Lower Upper
154 100
153 0.0 30.7 46.1#
76 0.0 8.2 12.4#



#44
2-Chloronaphthalene
Concen: 0.047 ng/ul
RT: 13.887 min Scan# 1787
Delta R.T. 0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:162 Resp: 688
Ion Ratio Lower Upper
162 100
164 0.0 23.9 35.9#
127 0.0 35.3 52.9#

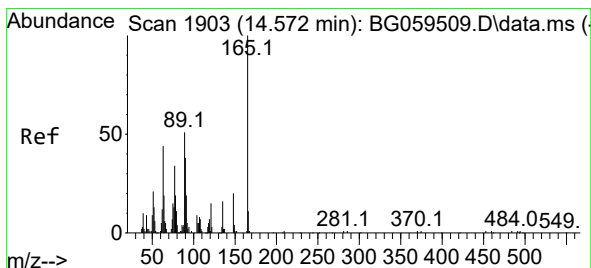
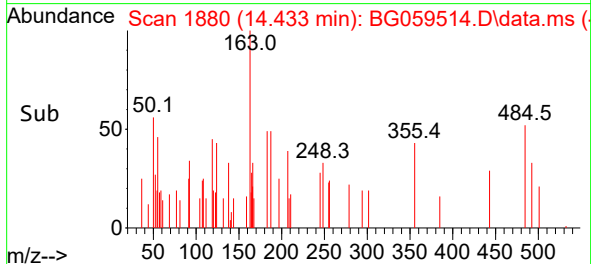
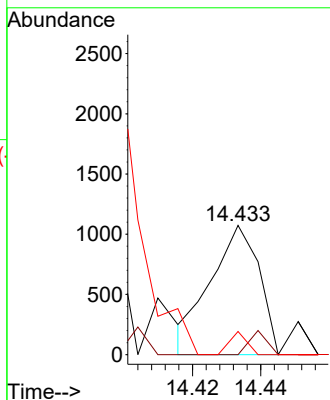
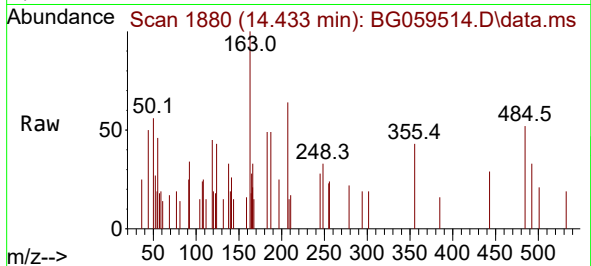




#47
Dimethylphthalate
Concen: 0.056 ng/ul
RT: 14.433 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

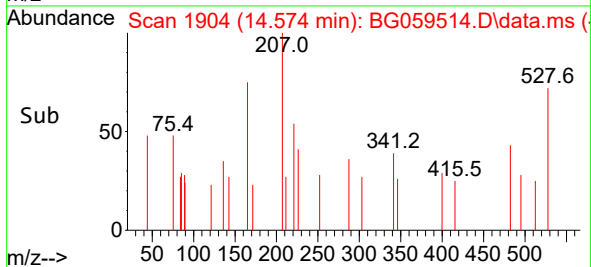
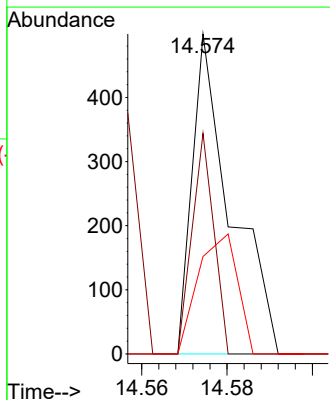
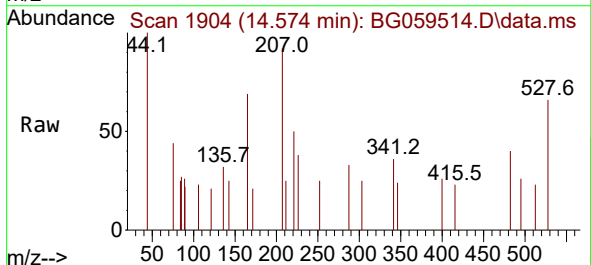
Instrument :
BNA_G
ClientSampleId :
SP6327

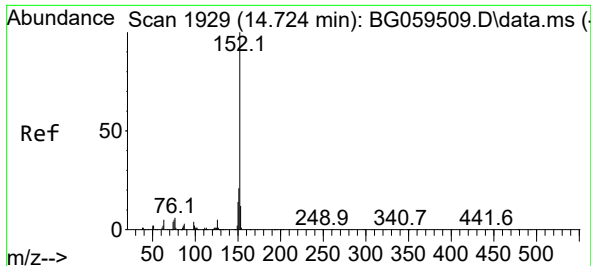
Tgt Ion:163 Resp: 1056
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 17.9 6.6 10.0#



#48
2,6-Dinitrotoluene
Concen: 0.111 ng/ul
RT: 14.574 min Scan# 1904
Delta R.T. 0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:165 Resp: 314
Ion Ratio Lower Upper
165 100
89 68.9 41.0 61.4#
121 30.5 12.3 18.5#

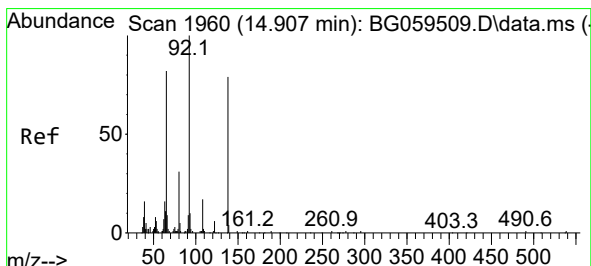
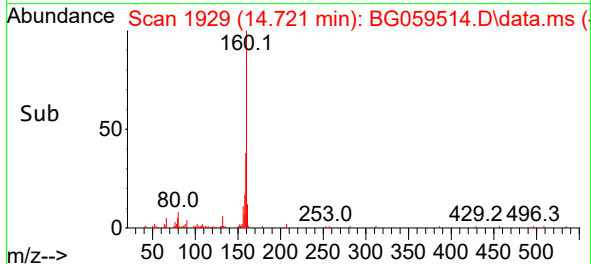
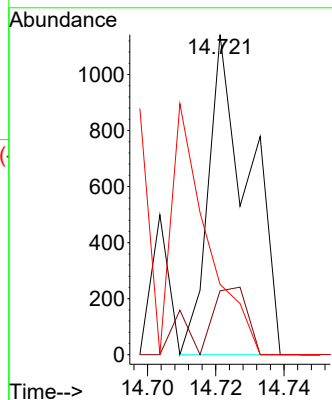
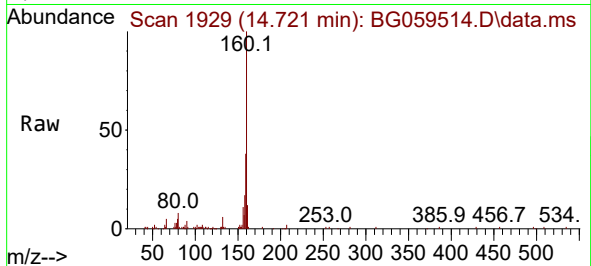




#50
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.721 min Scan# 1929
Delta R.T. -0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

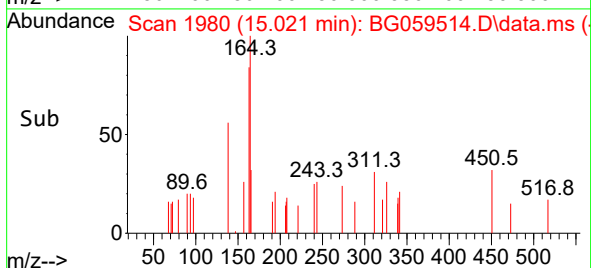
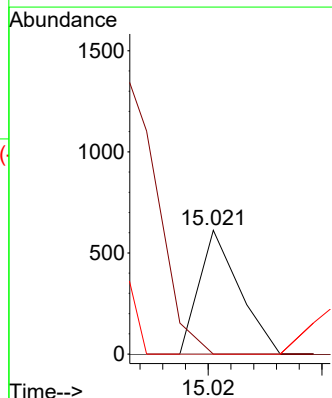
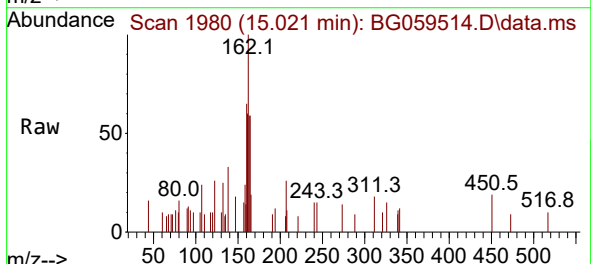
Instrument :
BNA_G
ClientSampleId :
SP6327

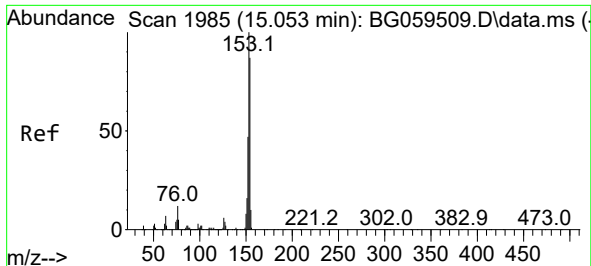
Tgt Ion:152 Resp: 945
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0
153 22.0 9.4 14.2#



#51
3-Nitroaniline
Concen: 0.086 ng/ul
RT: 15.021 min Scan# 1980
Delta R.T. 0.114 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:138 Resp: 302
Ion Ratio Lower Upper
138 100
108 0.0 17.1 25.7#
92 0.0 101.8 152.8#

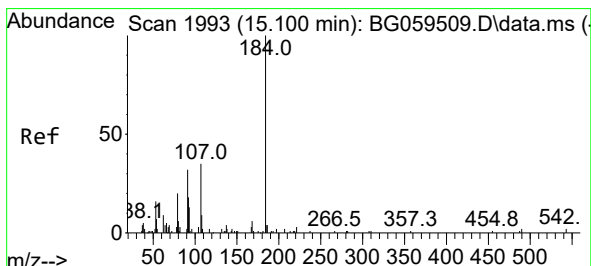
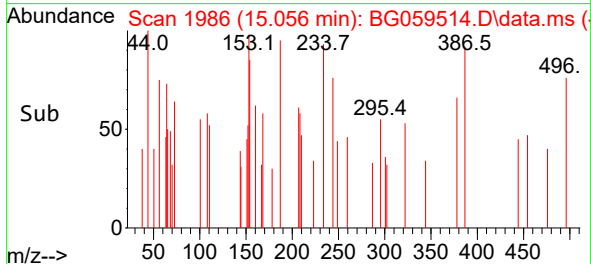
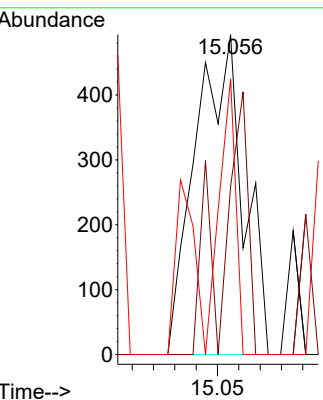
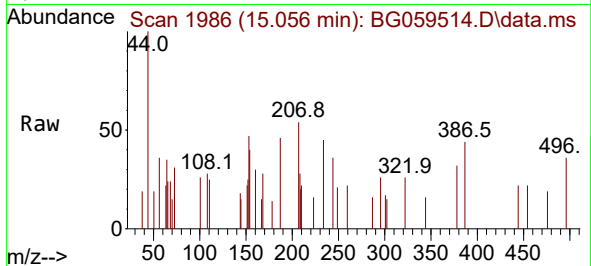




#52
Acenaphthene
Concen: 0.046 ng/ul
RT: 15.056 min Scan# 1986
Delta R.T. 0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

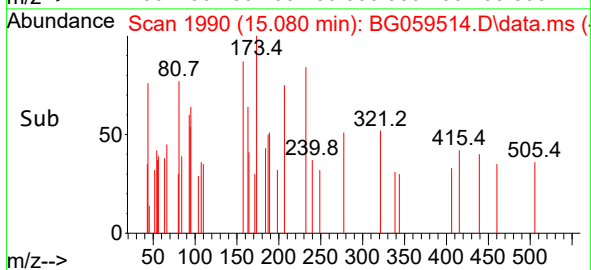
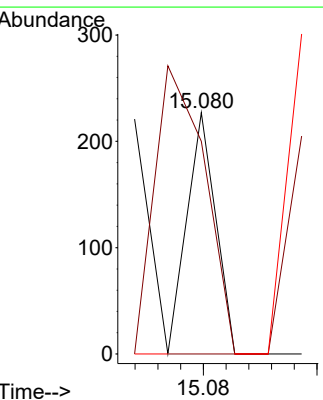
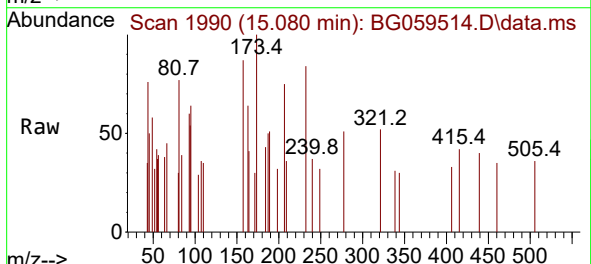
Instrument :
BNA_G
ClientSampleId :
SP6327

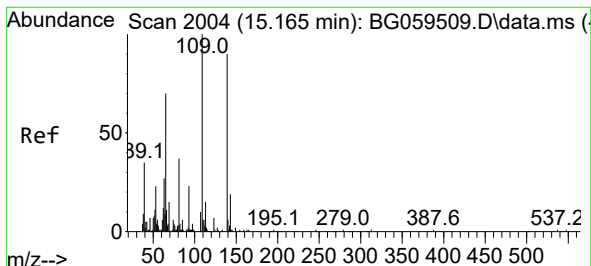
Tgt Ion:153 Resp: 770
Ion Ratio Lower Upper
153 100
152 52.5 37.6 56.4
154 86.2 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 0.050 ng/ul
RT: 15.080 min Scan# 1990
Delta R.T. -0.021 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:184 Resp: 80
Ion Ratio Lower Upper
184 100
63 88.1 35.0 52.6#
154 0.0 49.8 74.8#

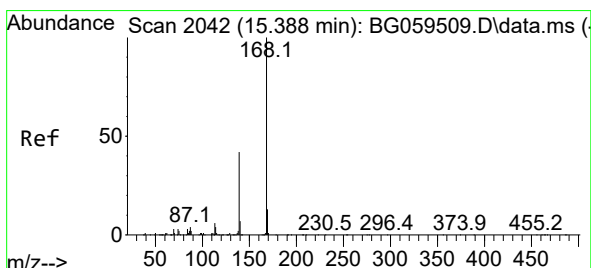
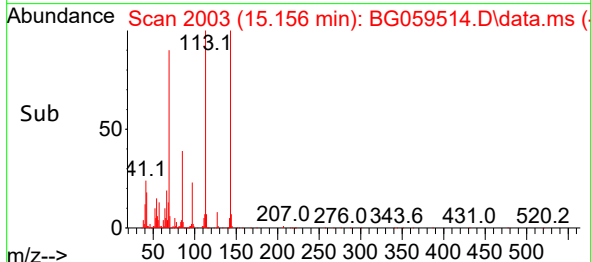
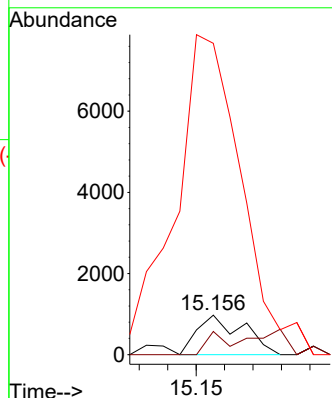
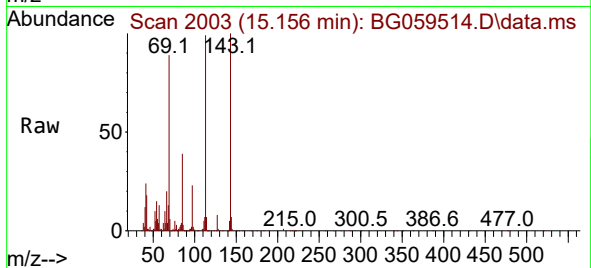




#55
4-Nitrophenol
Concen: 0.307 ng/ul
RT: 15.156 min Scan# 2003
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

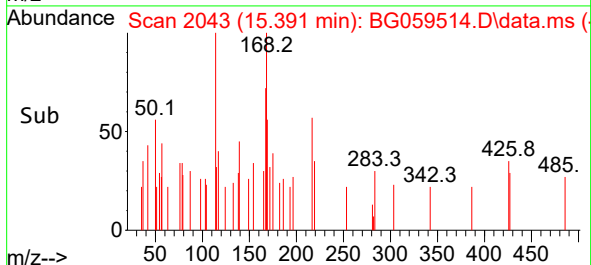
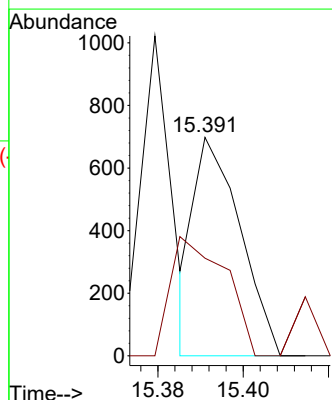
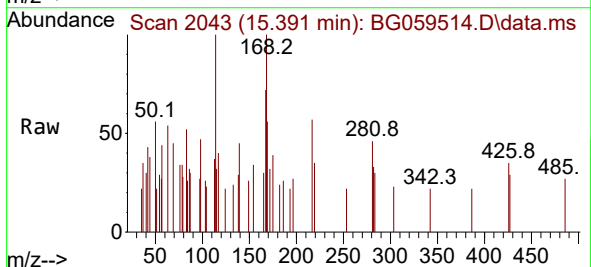
Instrument :
BNA_G
ClientSampleId :
SP6327

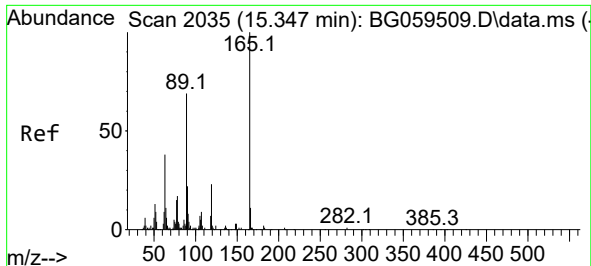
Tgt Ion:109 Resp: 1099
Ion Ratio Lower Upper
109 100
139 58.7 72.2 108.2#
65 787.1 57.3 85.9#



#56
Dibenzofuran
Concen: 0.024 ng/ul
RT: 15.391 min Scan# 2043
Delta R.T. 0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:168 Resp: 516
Ion Ratio Lower Upper
168 100
139 44.7 33.8 50.8





#57

2,4-Dinitrotoluene

Concen: 0.026 ng/ul

RT: 15.350 min Scan# 2035

Delta R.T. 0.003 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_G

ClientSampleId :

SP6327

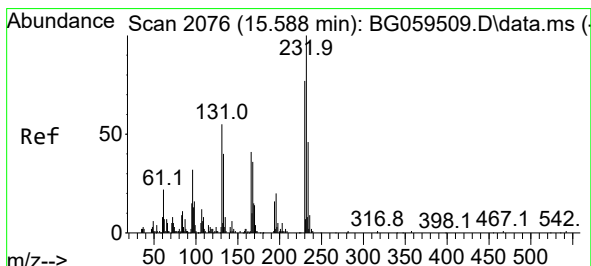
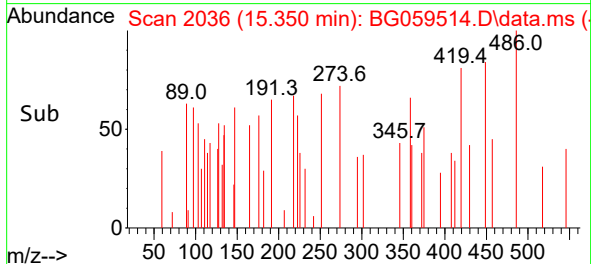
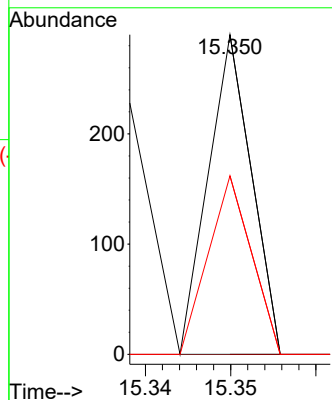
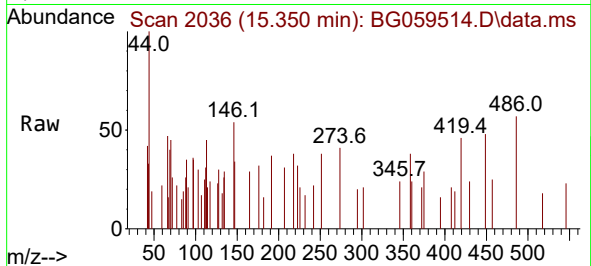
Tgt Ion:165 Resp: 102

Ion Ratio Lower Upper

165 100

63 0.0 30.9 46.3#

182 55.9 1.8 2.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.112 ng/ul

RT: 15.585 min Scan# 2076

Delta R.T. -0.003 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

Tgt Ion:232 Resp: 398

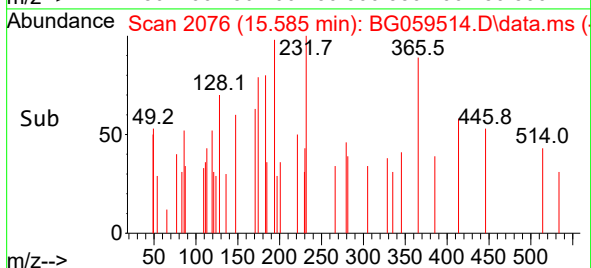
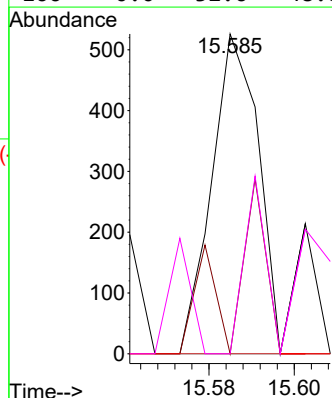
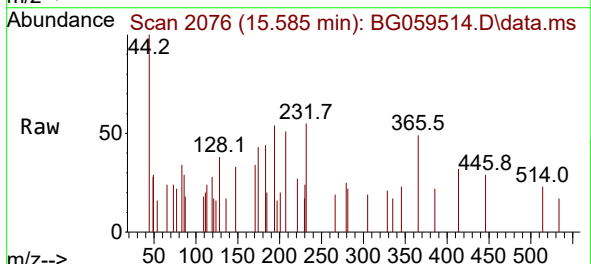
Ion Ratio Lower Upper

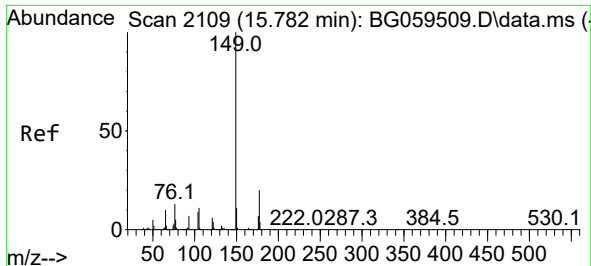
232 100

131 0.0 44.2 66.2#

130 0.0 2.3 3.5#

166 0.0 32.6 48.8#

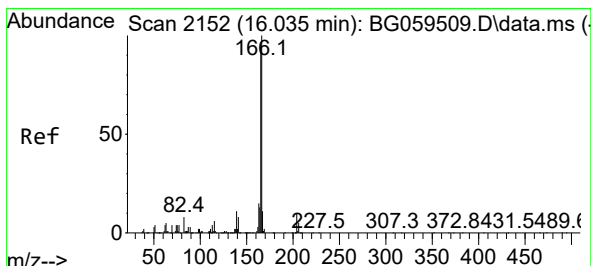
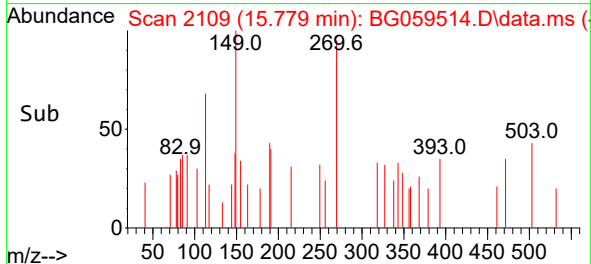
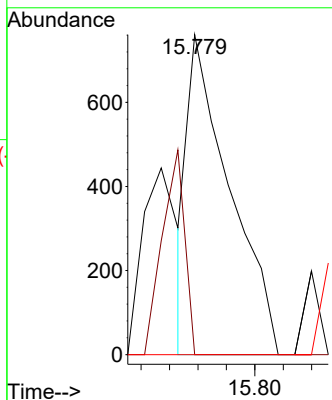
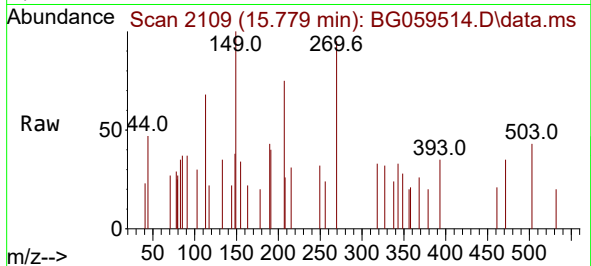




#59
Diethylphthalate
Concen: 0.038 ng/ul
RT: 15.779 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

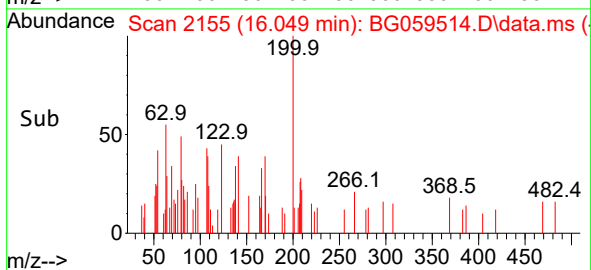
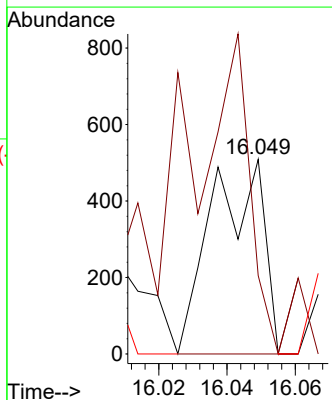
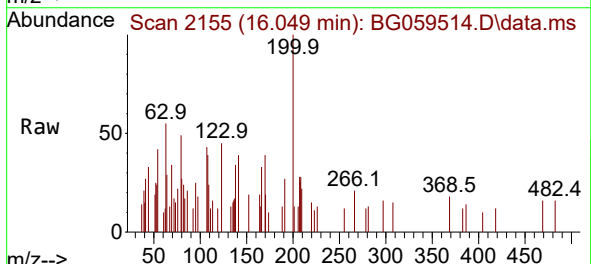
Instrument :
BNA_G
ClientSampleId :
SP6327

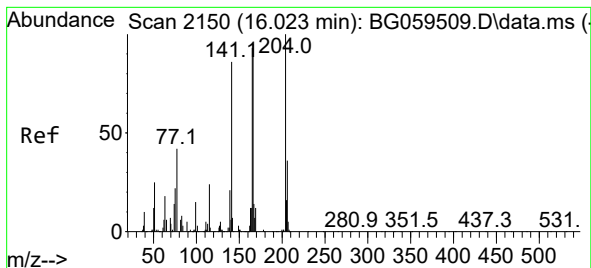
Tgt Ion:149 Resp: 780
Ion Ratio Lower Upper
149 100
177 0.0 16.3 24.5#
150 0.0 9.1 13.7#



#61
Fluorene
Concen: 0.029 ng/ul
RT: 16.049 min Scan# 2155
Delta R.T. 0.014 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:166 Resp: 537
Ion Ratio Lower Upper
166 100
165 40.3 74.4 111.6#
167 0.0 9.1 13.7#

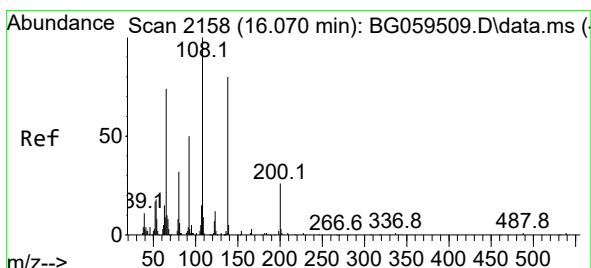
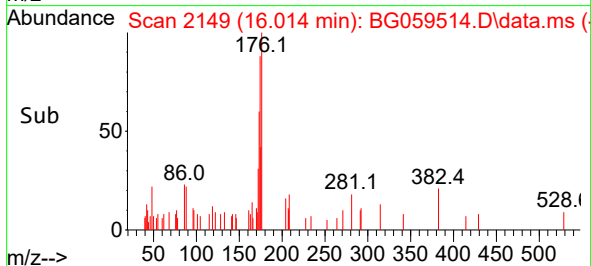
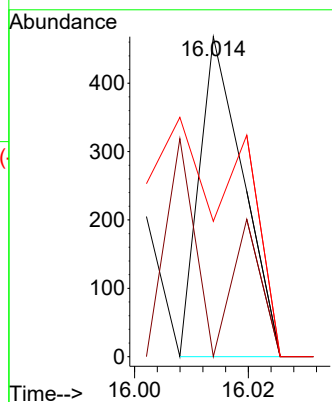
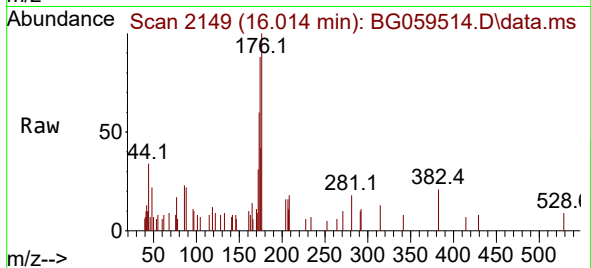




#62
4-Chlorophenyl-phenylether
Concen: 0.031 ng/ul
RT: 16.014 min Scan# 2150
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

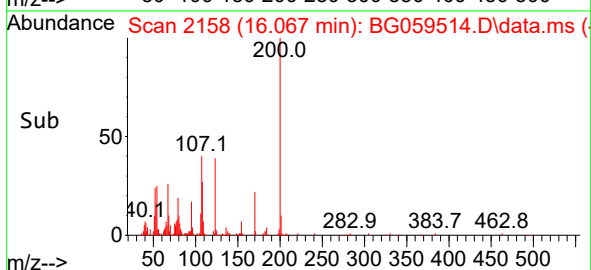
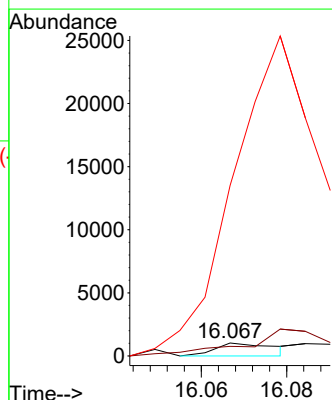
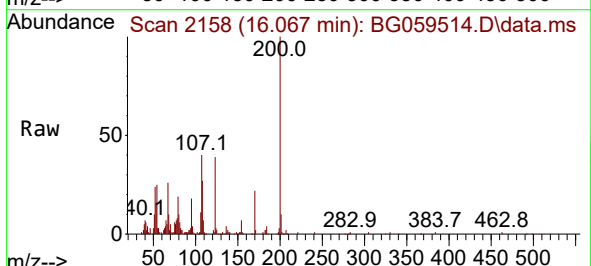
Instrument :
BNA_G
ClientSampleId :
SP6327

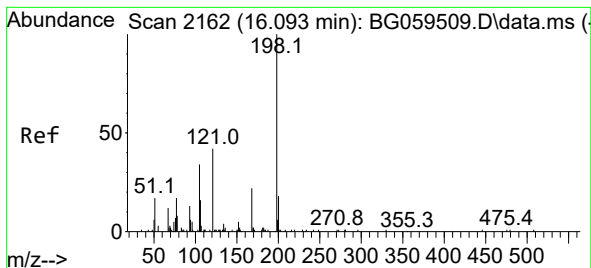
Tgt Ion:204 Resp: 250
Ion Ratio Lower Upper
204 100
206 0.0 28.8 43.2#
141 42.3 68.6 103.0#



#63
4-Nitroaniline
Concen: 0.269 ng/ul
RT: 16.067 min Scan# 2158
Delta R.T. -0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:138 Resp: 1006
Ion Ratio Lower Upper
138 100
92 74.0 49.8 74.8
108 1316.1 100.9 151.3#

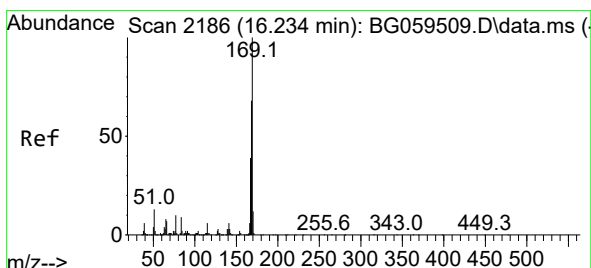
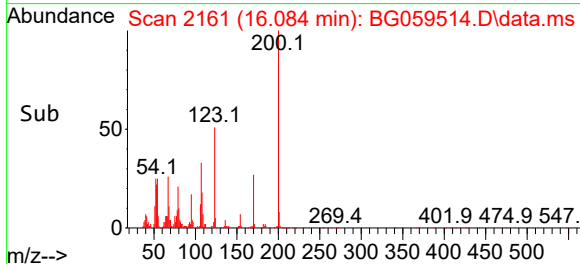
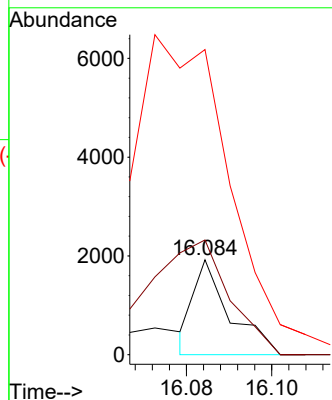
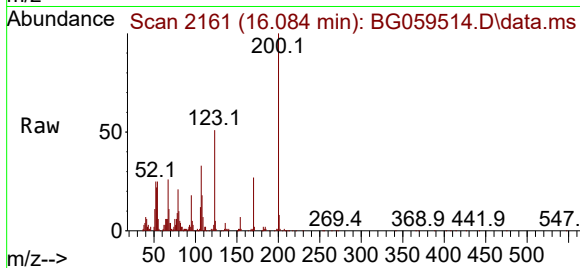




#66
4,6-Dinitro-2-methylphenol
Concen: 0.507 ng/ul
RT: 16.084 min Scan# 2161
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

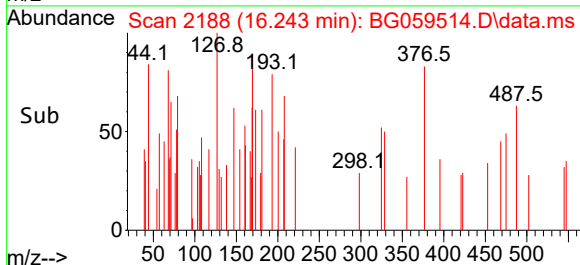
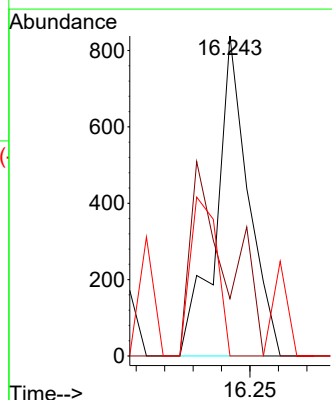
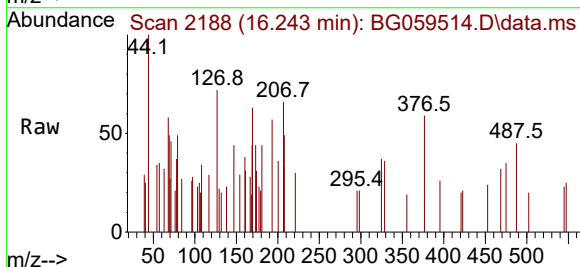
Instrument :
BNA_G
ClientSampleId :
SP6327

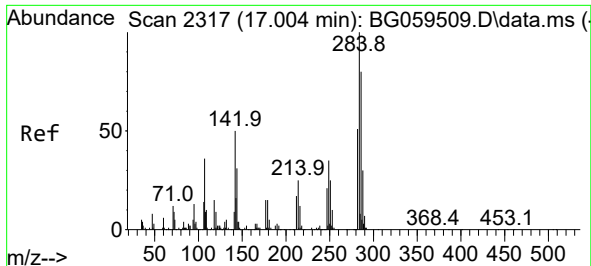
Tgt Ion:198 Resp: 1112
Ion Ratio Lower Upper
198 100
182 121.0 1.4 2.0#
77 321.5 15.8 23.8#



#67
N-Nitrosodiphenylamine
Concen: 0.044 ng/ul
RT: 16.243 min Scan# 2188
Delta R.T. 0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:169 Resp: 658
Ion Ratio Lower Upper
169 100
168 17.9 54.2 81.2#
167 0.0 31.3 46.9#

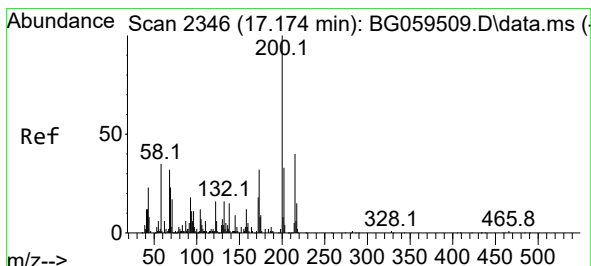
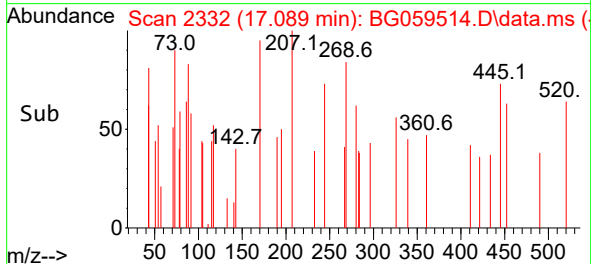
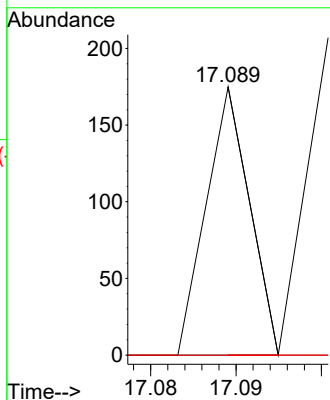
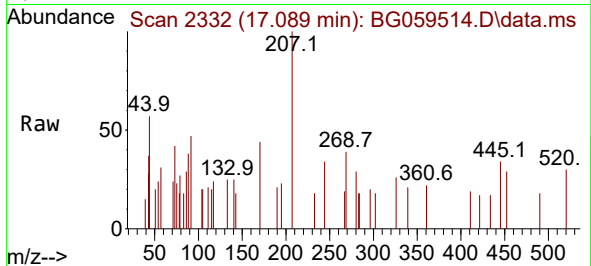




#69
Hexachlorobenzene
Concen: 0.012 ng/ul
RT: 17.089 min Scan# 21
Delta R.T. 0.085 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

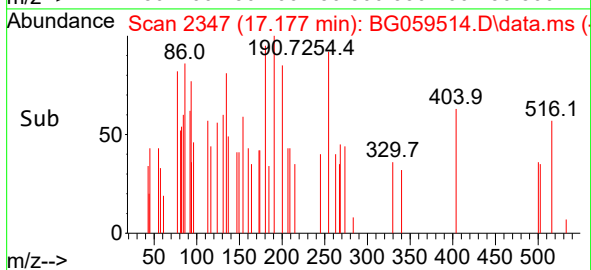
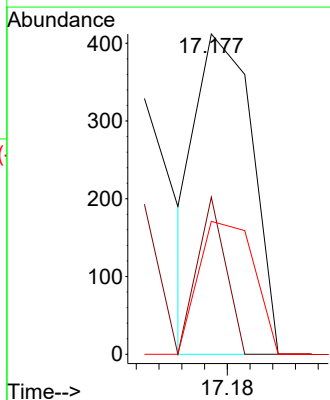
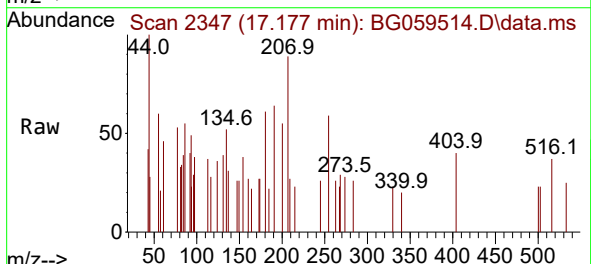
Instrument :
BNA_G
ClientSampleId :
SP6327

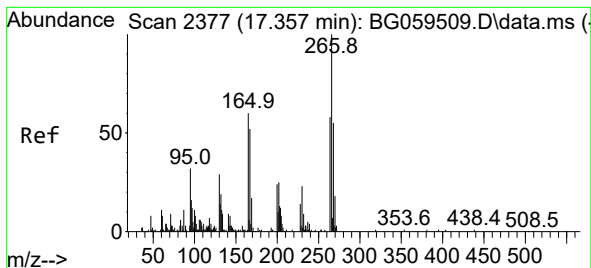
Tgt Ion:284 Resp: 62
Ion Ratio Lower Upper
284 100
142 102.9 39.6 59.4#
249 0.0 28.2 42.2#



#70
Atrazine
Concen: 0.058 ng/ul
RT: 17.177 min Scan# 2347
Delta R.T. 0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:200 Resp: 272
Ion Ratio Lower Upper
200 100
173 49.0 25.7 38.5#
215 41.5 32.1 48.1





#71

Pentachlorophenol

Concen: 0.182 ng/ul

RT: 17.371 min Scan# 21

Delta R.T. 0.014 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_G

ClientSampleId :

SP6327

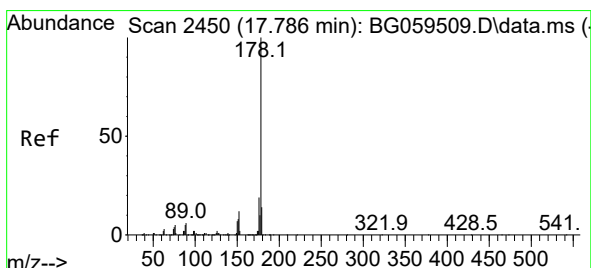
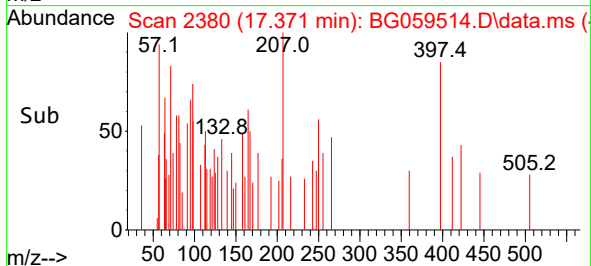
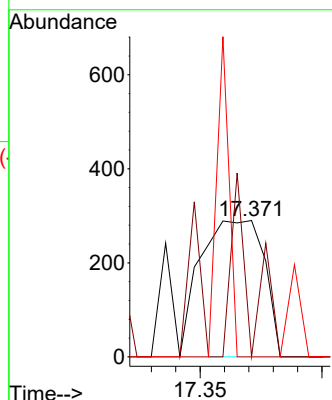
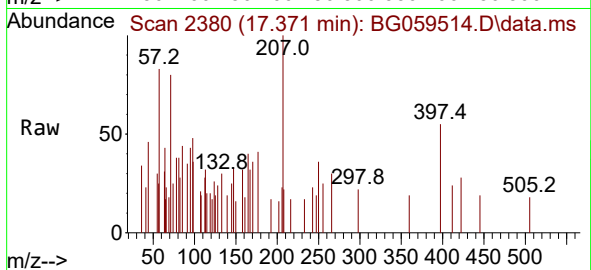
Tgt Ion:266 Resp: 528

Ion Ratio Lower Upper

266 100

264 0.0 46.2 69.2#

268 0.0 46.4 69.6#



#72

Phenanthrene

Concen: 0.042 ng/ul

RT: 17.794 min Scan# 2452

Delta R.T. 0.009 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

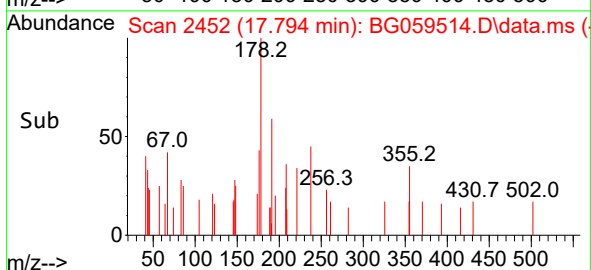
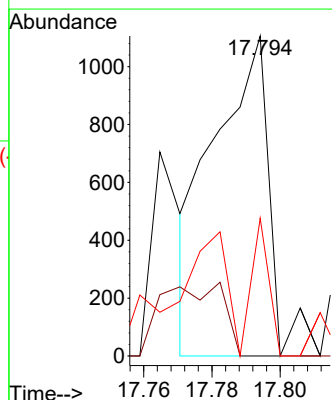
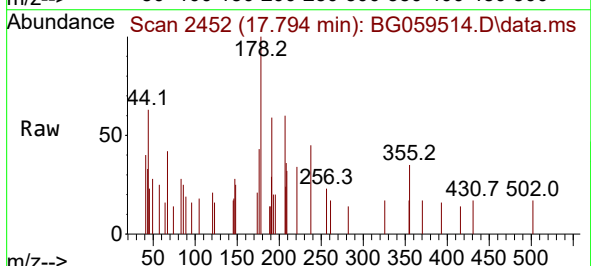
Tgt Ion:178 Resp: 1209

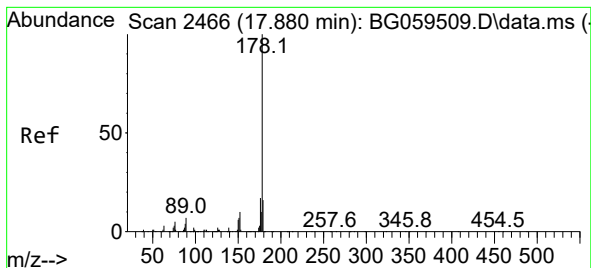
Ion Ratio Lower Upper

178 100

179 0.0 11.3 16.9#

176 43.0 15.4 23.0#





#74

Anthracene

Concen: 0.060 ng/ul

RT: 17.870 min Scan# 2466

Delta R.T. -0.009 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_G

ClientSampleId :

SP6327

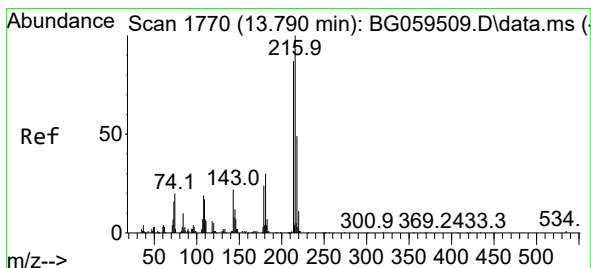
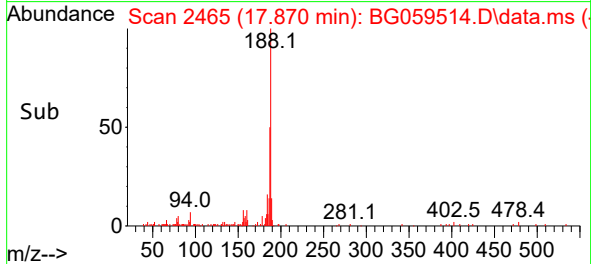
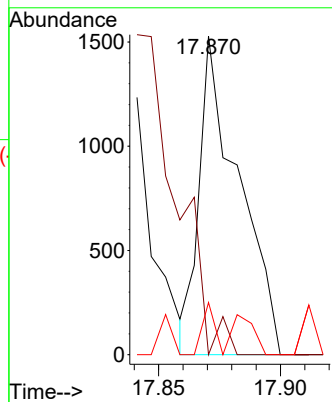
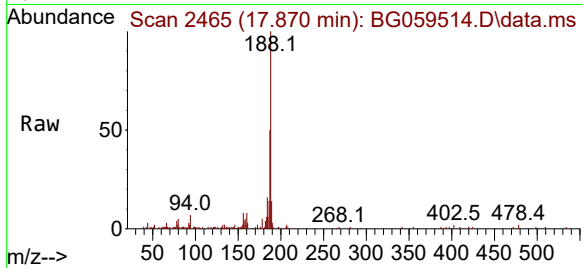
Tgt Ion:178 Resp: 1717

Ion Ratio Lower Upper

178 100

179 0.0 13.1 19.7#

176 16.4 13.9 20.9



#75

1,2,3,4-Tetrachlorobenzene

Concen: 0.025 ng/uL

RT: 13.787 min Scan# 1770

Delta R.T. -0.003 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

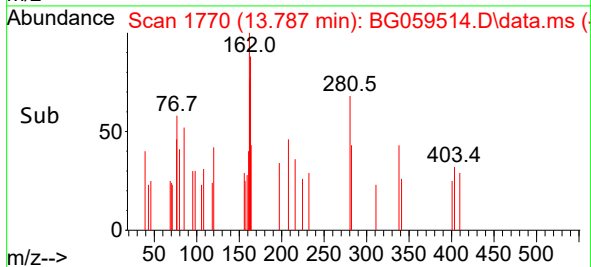
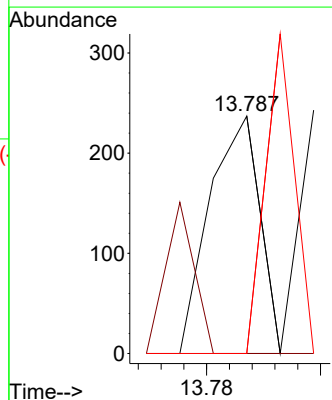
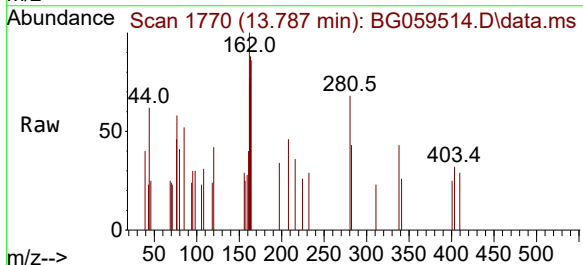
Tgt Ion:216 Resp: 145

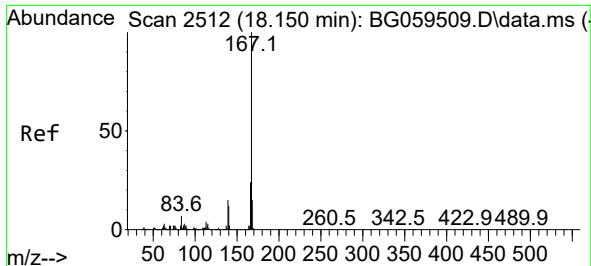
Ion Ratio Lower Upper

216 100

214 0.0 70.2 105.2#

218 0.0 39.9 59.9#

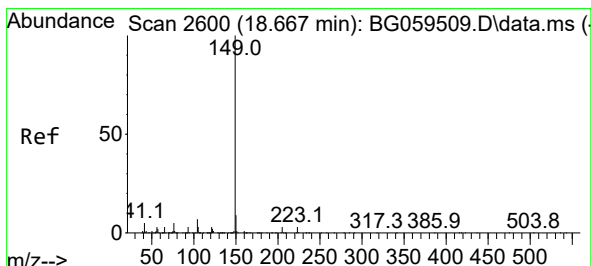
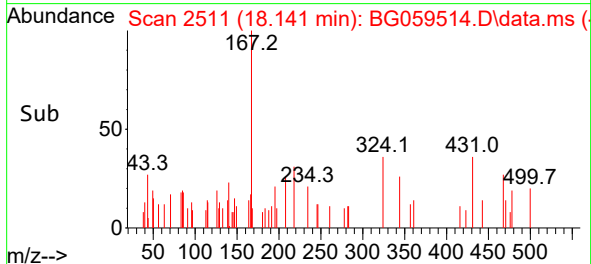
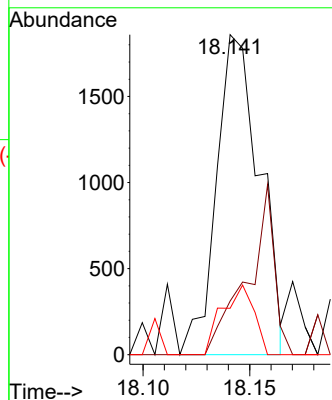
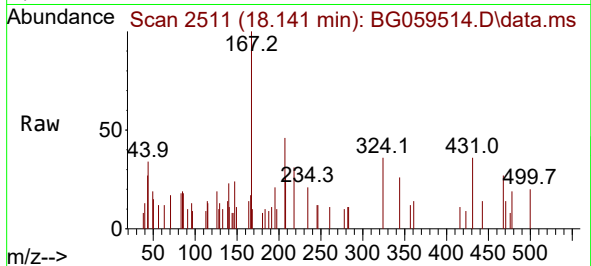




#77
Carbazole
Concen: 0.106 ng/ul
RT: 18.141 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

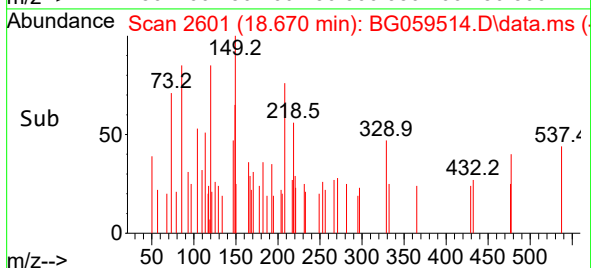
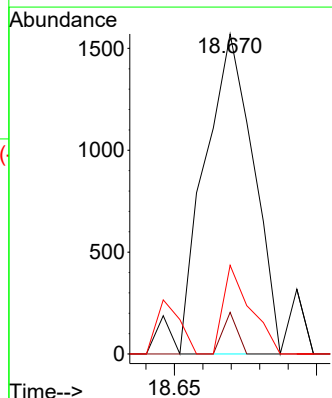
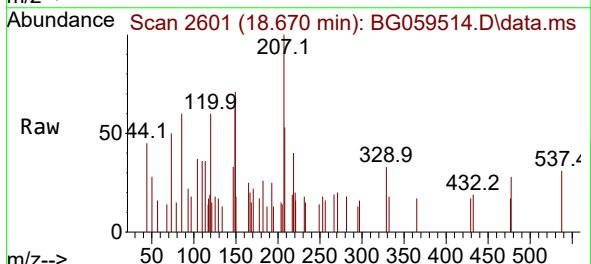
Instrument :
BNA_G
ClientSampleId :
SP6327

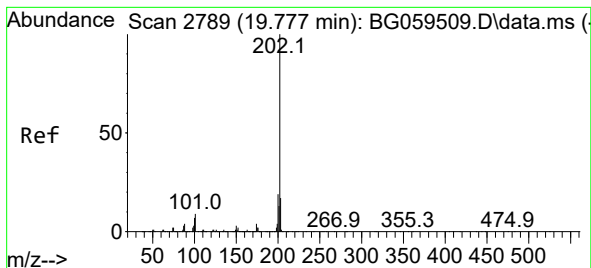
Tgt Ion:167 Resp: 2616
Ion Ratio Lower Upper
167 100
166 16.7 19.4 29.2#
139 14.5 11.7 17.5



#78
Di-n-butylphthalate
Concen: 0.054 ng/ul
RT: 18.670 min Scan# 2601
Delta R.T. 0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:149 Resp: 1854
Ion Ratio Lower Upper
149 100
150 13.0 7.5 11.3#
104 27.7 5.3 7.9#





#80

Fluoranthene

Concen: 0.108 ng/ul

RT: 19.774 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_G

ClientSampleId :

SP6327

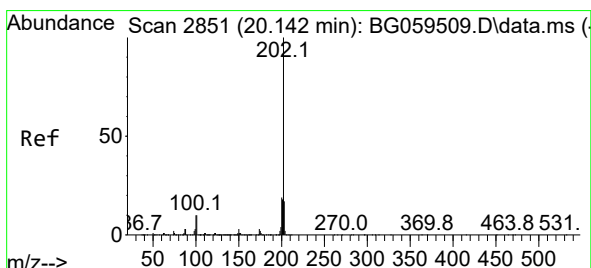
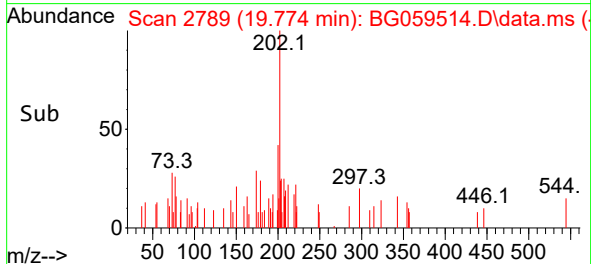
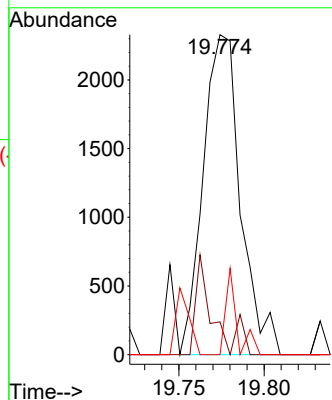
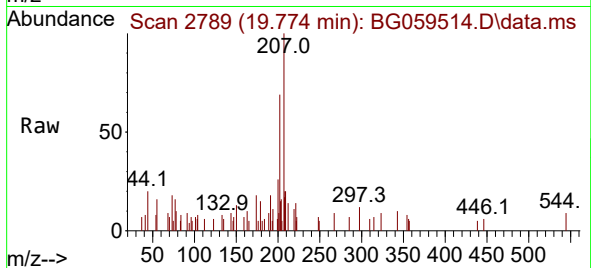
Tgt Ion:202 Resp: 3554

Ion Ratio Lower Upper

202 100

101 10.3 7.0 10.6

100 0.0 5.2 7.8#



#82

Pyrene

Concen: 0.151 ng/ul

RT: 20.138 min Scan# 2851

Delta R.T. -0.003 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

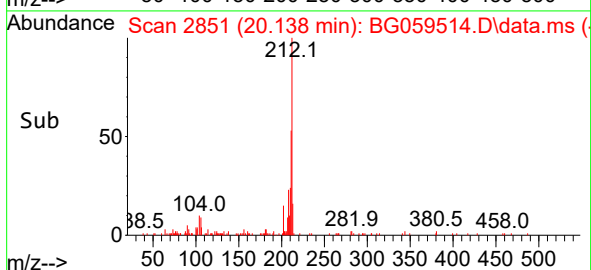
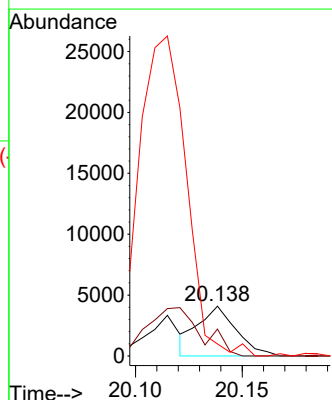
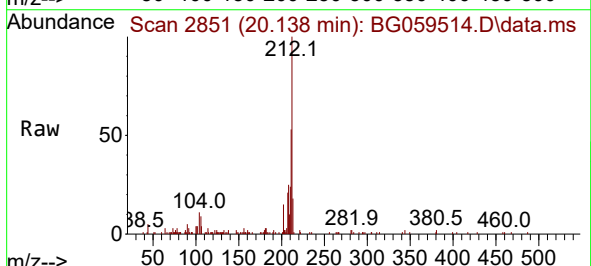
Tgt Ion:202 Resp: 5140

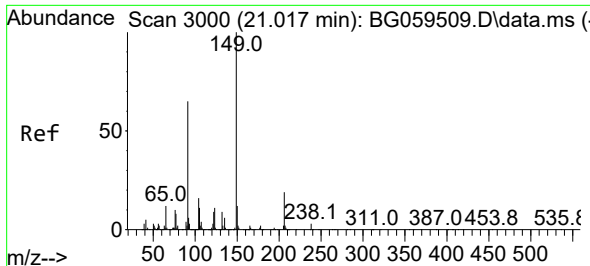
Ion Ratio Lower Upper

202 100

101 53.9 7.9 11.9#

100 24.2 7.9 11.9#

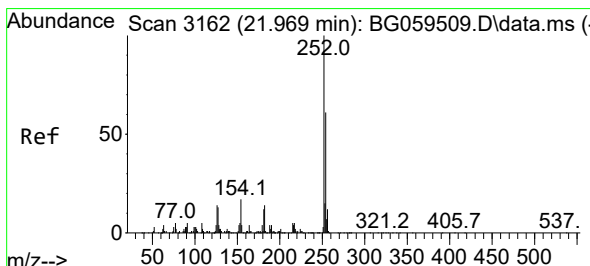
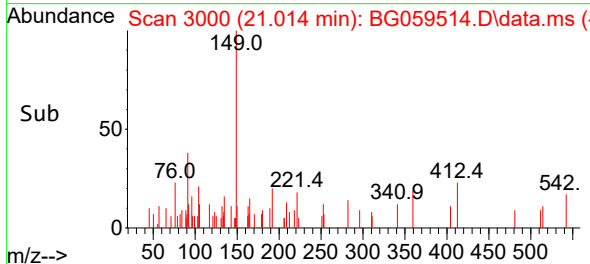
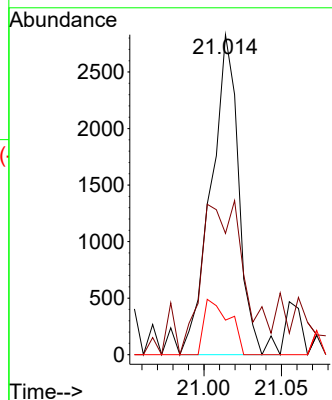
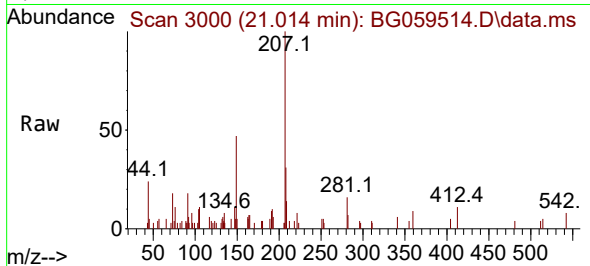




#83
 Butylbenzylphthalate
 Concen: 0.230 ng/ul
 RT: 21.014 min Scan# 3000
 Delta R.T. -0.003 min
 Lab File: BG059514.D
 Acq: 27 Oct 2023 17:01

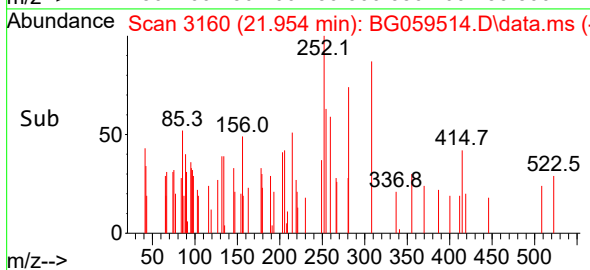
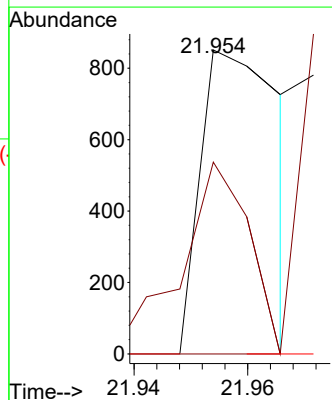
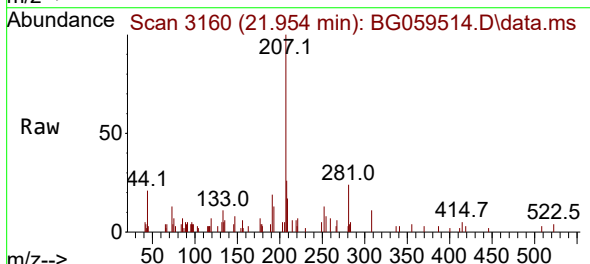
Instrument :
 BNA_G
 ClientSampleId :
 SP6327

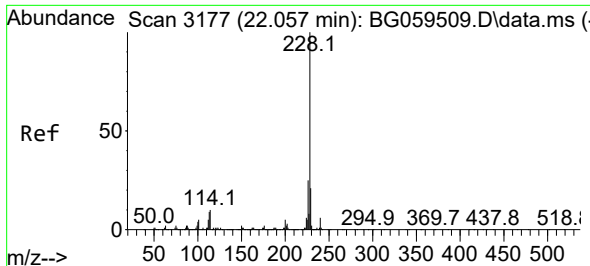
Tgt Ion:149 Resp: 3530
 Ion Ratio Lower Upper
 149 100
 91 37.9 52.2 78.2#
 206 10.8 15.1 22.7#



#84
 3,3'-Dichlorobenzidine
 Concen: 0.083 ng/ul
 RT: 21.954 min Scan# 3160
 Delta R.T. -0.015 min
 Lab File: BG059514.D
 Acq: 27 Oct 2023 17:01

Tgt Ion:252 Resp: 840
 Ion Ratio Lower Upper
 252 100
 254 63.1 48.9 73.3
 126 0.0 11.5 17.3#

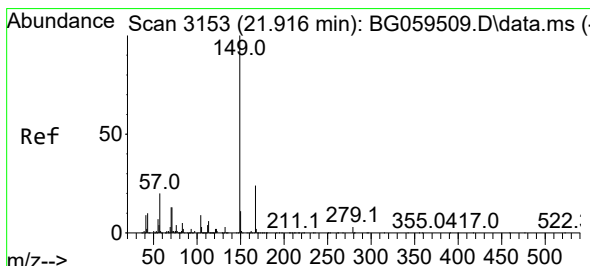
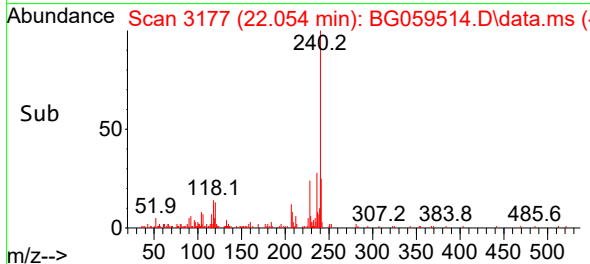
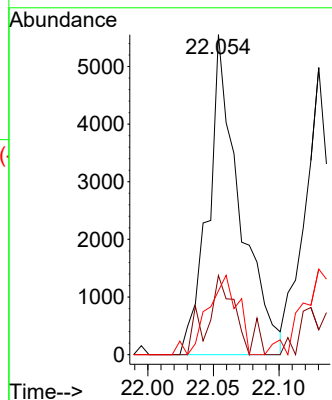
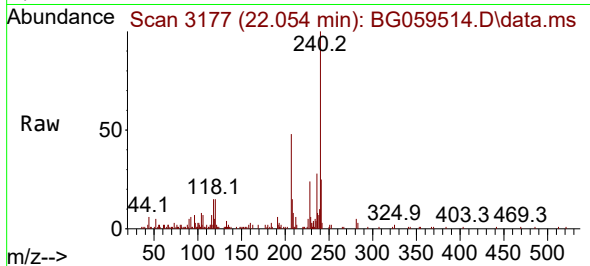




#85
Benzo(a)anthracene
Concen: 0.291 ng/ul
RT: 22.054 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

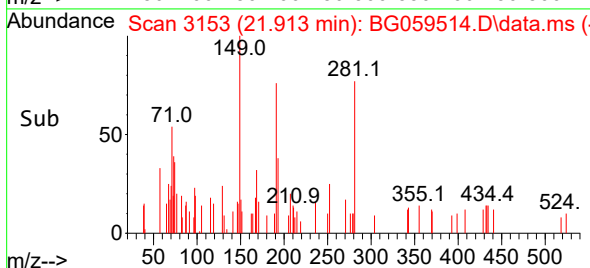
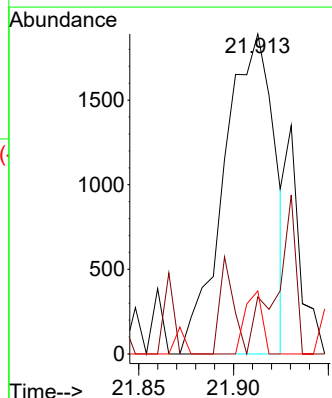
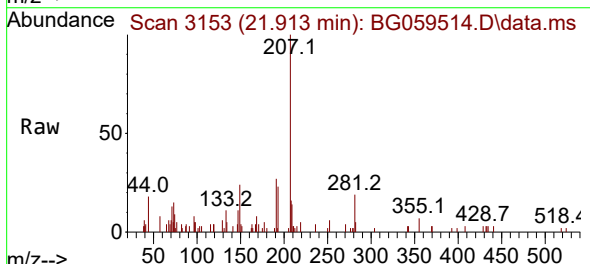
Instrument :
BNA_G
ClientSampleId :
SP6327

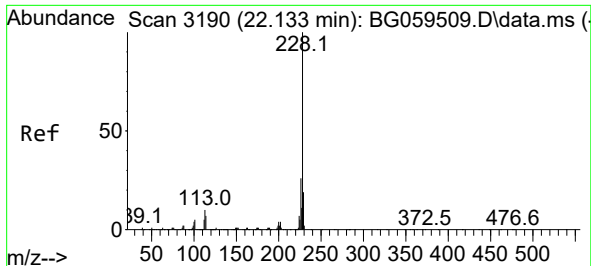
Tgt Ion:228 Resp: 9270
Ion Ratio Lower Upper
228 100
229 24.8 16.7 25.1
226 20.0 20.3 30.5#



#86
Bis(2-ethylhexyl)phthalate
Concen: 0.152 ng/ul
RT: 21.913 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:149 Resp: 3493
Ion Ratio Lower Upper
149 100
167 17.8 19.4 29.2#
279 19.7 2.2 3.4#

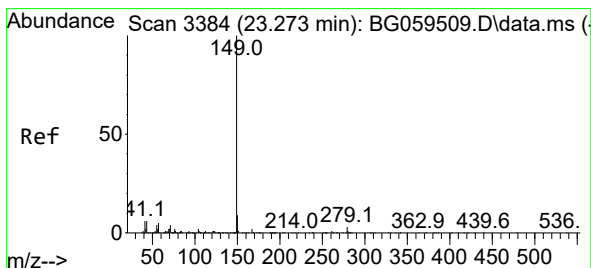
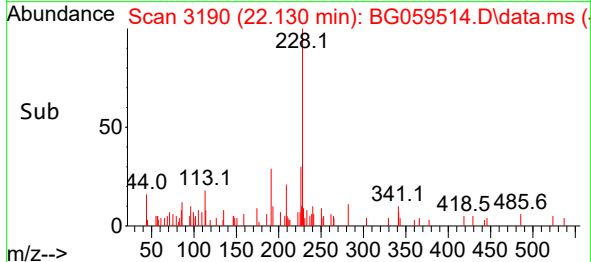
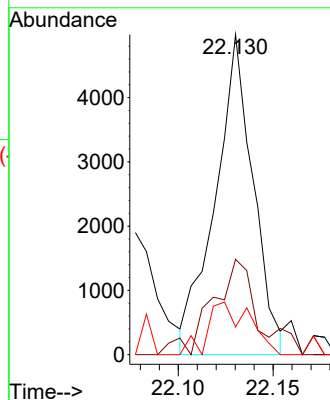
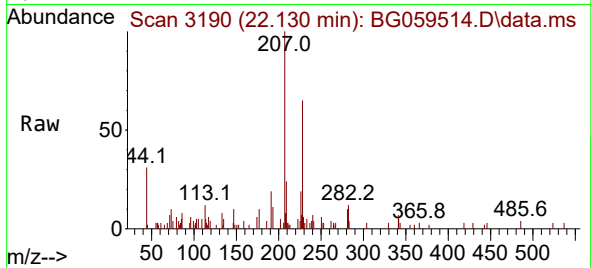




#87
Chrysene
Concen: 0.233 ng/ul
RT: 22.130 min Scan# 3190
Delta R.T. -0.003 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

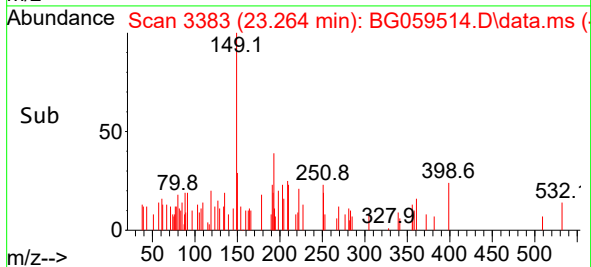
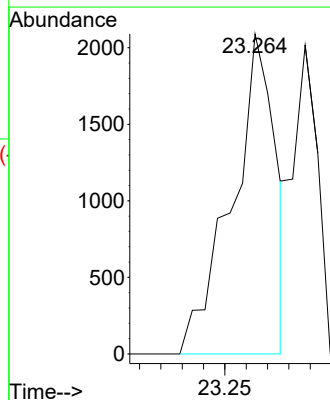
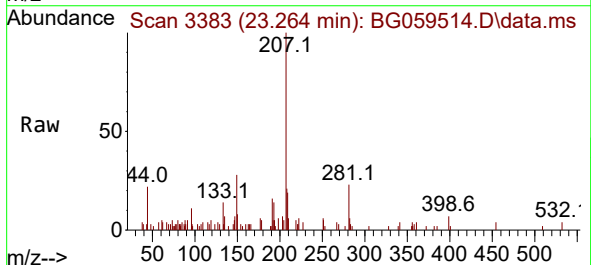
Instrument :
BNA_G
ClientSampleId :
SP6327

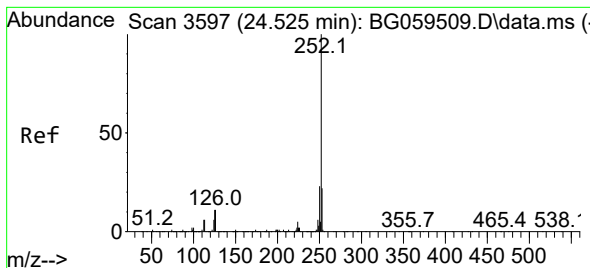
Tgt Ion:228 Resp: 6915
Ion Ratio Lower Upper
228 100
226 29.8 21.0 31.4
229 8.7 15.1 22.7#



#89
Di-n-octyl phthalate
Concen: 0.083 ng/ul
RT: 23.264 min Scan# 3383
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:149 Resp: 2966





#90

Benzo(b)fluoranthene

Concen: 0.060 ng/ul

RT: 24.522 min Scan# 3597

Delta R.T. -0.003 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_G

ClientSampleId :

SP6327

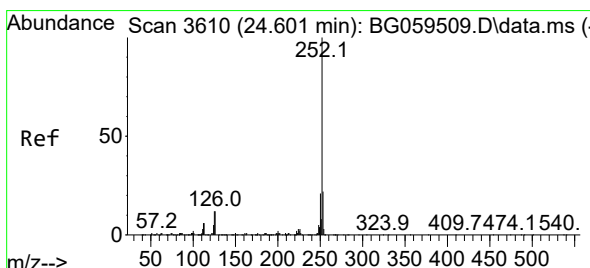
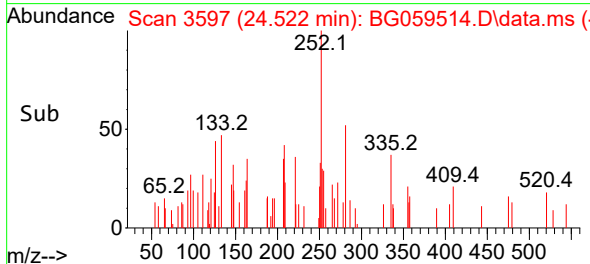
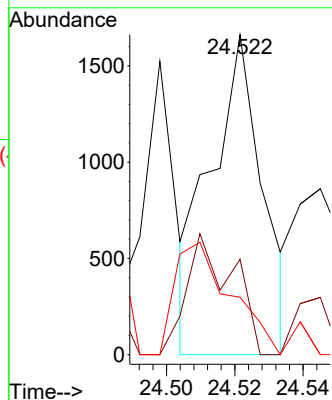
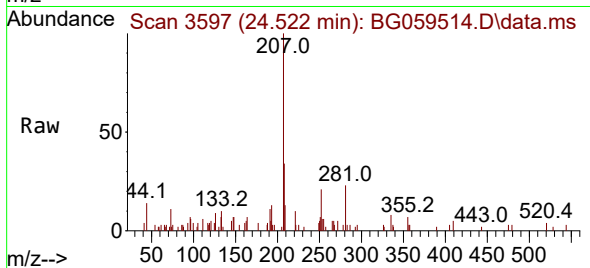
Tgt Ion:252 Resp: 1757

Ion Ratio Lower Upper

252 100

253 29.8 17.8 26.8#

125 17.9 8.6 13.0#



#91

Benzo(k)fluoranthene

Concen: 0.079 ng/ul

RT: 24.598 min Scan# 3610

Delta R.T. -0.003 min

Lab File: BG059514.D

Acq: 27 Oct 2023 17:01

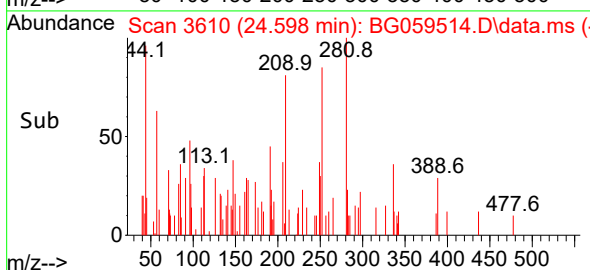
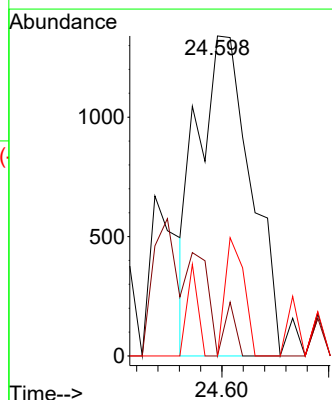
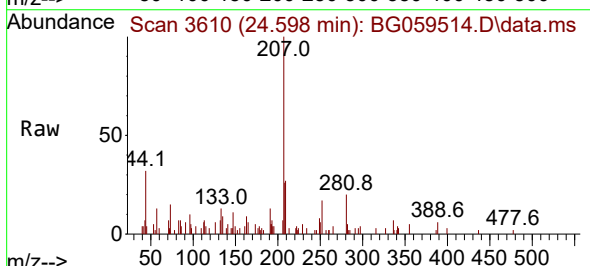
Tgt Ion:252 Resp: 2337

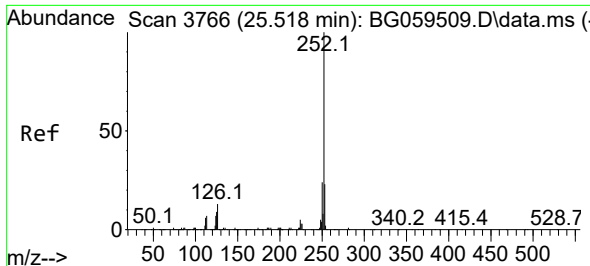
Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

125 0.0 7.9 11.9#

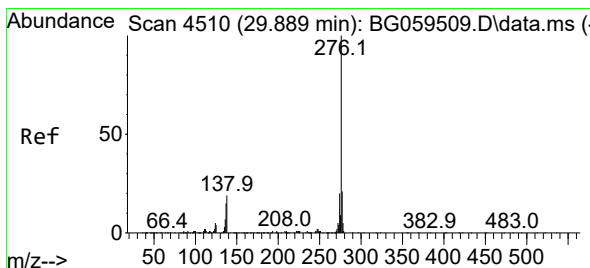
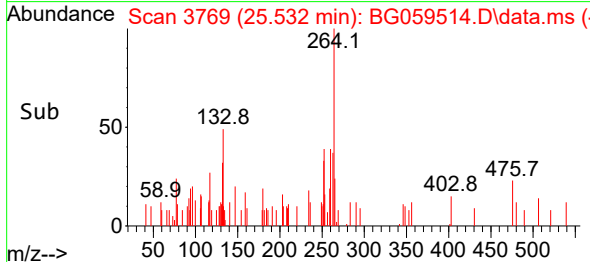
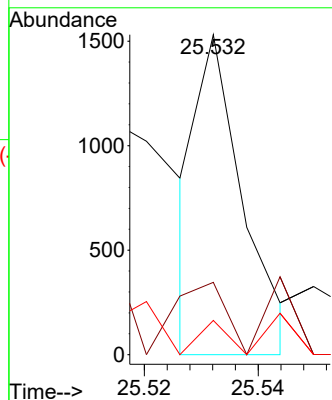
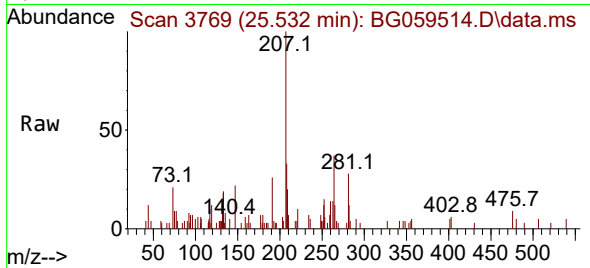




#93
Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 25.532 min Scan# 31
Delta R.T. 0.014 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

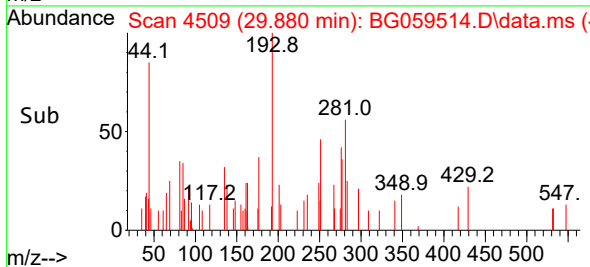
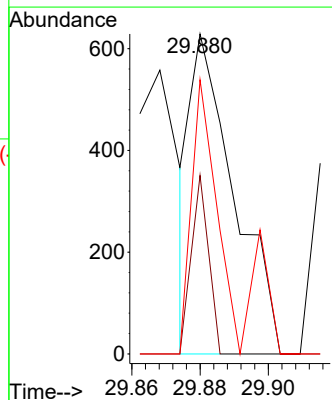
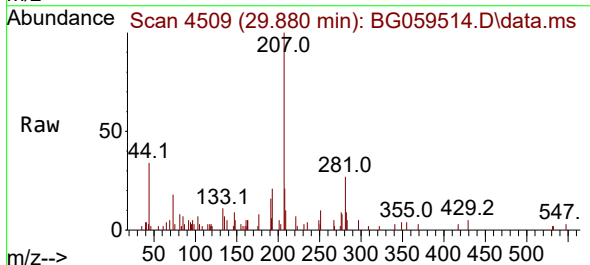
Instrument :
BNA_G
ClientSampleId :
SP6327

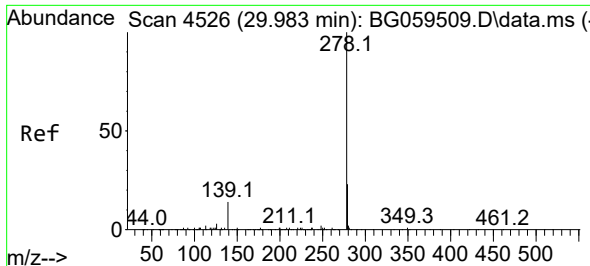
Tgt Ion:252 Resp: 841
Ion Ratio Lower Upper
252 100
253 22.6 18.5 27.7
125 10.7 7.6 11.4



#94
Indeno(1,2,3-cd)pyrene
Concen: 0.015 ng/ul
RT: 29.880 min Scan# 4509
Delta R.T. -0.009 min
Lab File: BG059514.D
Acq: 27 Oct 2023 17:01

Tgt Ion:276 Resp: 547
Ion Ratio Lower Upper
276 100
138 55.8 15.3 22.9#
277 85.7 16.4 24.6#

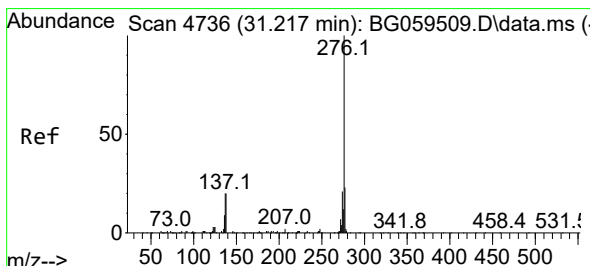
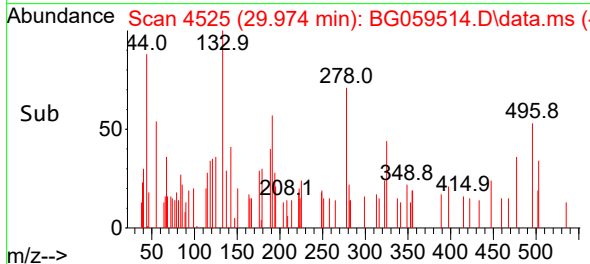
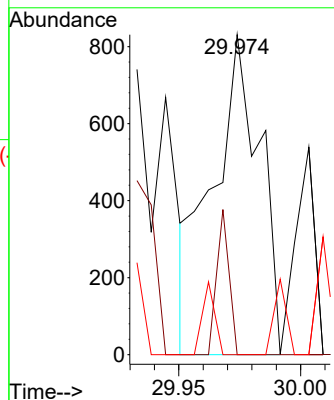
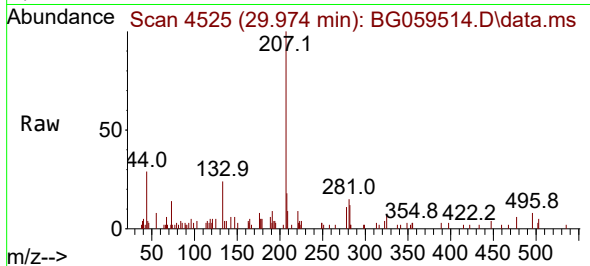




#95
 Dibenzo(a,h)anthracene
 Concen: 0.038 ng/ul
 RT: 29.974 min Scan# 4525
 Delta R.T. -0.009 min
 Lab File: BG059514.D
 Acq: 27 Oct 2023 17:01

Instrument :
 BNA_G
 ClientSampleId :
 SP6327

Tgt Ion:278 Resp: 1119
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.0 16.6#
 279 0.0 18.3 27.5#



#96
 Benzo(g,h,i)perylene
 Concen: 0.039 ng/ul
 RT: 31.202 min Scan# 4734
 Delta R.T. -0.015 min
 Lab File: BG059514.D
 Acq: 27 Oct 2023 17:01

Tgt Ion:276 Resp: 1136
 Ion Ratio Lower Upper
 276 100
 138 17.9 16.2 24.2
 277 32.5 18.2 27.4#

