

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059722.D
 Acq On : 16 Nov 2023 17:35
 Operator : MA/JU
 Sample : PB157140BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157140BS

Quant Time: Nov 17 02:32:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	21090	20.000	ng	0.00
21) Naphthalene-d8	11.184	136	103966	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	79180	20.000	ng	0.00
64) Phenanthrene-d10	17.723	188	188568	20.000	ng	0.00
76) Chrysene-d12	22.048	240	247840	20.000	ng	0.00
86) Perylene-d12	25.632	264	275996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	187764	149.850	ng	0.00
7) Phenol-d6	7.459	99	268962	144.849	ng	0.00
23) Nitrobenzene-d5	9.539	82	211465	77.682	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	126908	141.261	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	465647	79.159	ng	0.00
79) Terphenyl-d14	20.297	244	905117	53.913	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.663	88	22890	38.894	ng	# 85
3) Pyridine	4.081	79	61831	38.466	ng	# 87
4) n-Nitrosodimethylamine	4.010	42	55400	64.785	ng	# 82
6) Aniline	7.665	93	72480	29.577	ng	97
8) 2-Chlorophenol	7.888	128	66581	48.980	ng	90
9) Benzaldehyde	7.483	77	10152	8.088	ng	# 73
10) Phenol	7.488	94	95487	49.896	ng	91
11) bis(2-Chloroethyl)ether	7.753	93	48277	40.524	ng	97
12) 1,3-Dichlorobenzene	8.217	146	65800	43.579	ng	92
13) 1,4-Dichlorobenzene	8.376	146	68383	45.100	ng	95
14) 1,2-Dichlorobenzene	8.376	146	68383	45.394	ng	94
15) Benzyl Alcohol	8.575	79	99731	47.100	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.840	45	8531	19.464	ng	# 56
17) 2-Methylphenol	8.763	107	62102	44.057	ng	91
18) Hexachloroethane	9.433	117	29093	45.206	ng	86
19) n-Nitroso-di-n-propyla...	9.145	70	59915	40.975	ng	# 93
20) 3+4-Methylphenols	9.092	107	87685	44.809	ng	96
22) Acetophenone	9.181	105	119601	40.633	ng	95
24) Nitrobenzene	9.586	77	105875	42.230	ng	97
25) Isophorone	10.085	82	179688	39.318	ng	99
26) 2-Nitrophenol	10.291	139	39237	42.688	ng	96
27) 2,4-Dimethylphenol	10.315	122	76609	40.992	ng	97
28) bis(2-Chloroethoxy)met...	10.573	93	74325	43.279	ng	# 88
29) 2,4-Dichlorophenol	10.814	162	76297	47.818	ng	90
30) 1,2,4-Trichlorobenzene	11.031	180	74087	45.944	ng	92
31) Naphthalene	11.237	128	218308	41.759	ng	98
32) Benzoic acid	10.432	122	51597	40.568	ng	# 67
33) 4-Chloroaniline	11.354	127	58185	26.167	ng	98
34) Hexachlorobutadiene	11.466	225	47535	43.313	ng	94
35) Caprolactam	12.201	113	10132	17.375	ng	95
36) 4-Chloro-3-methylphenol	12.424	107	102501	48.303	ng	# 93
37) 2-Methylnaphthalene	12.817	142	180119	40.908	ng	# 84
38) 1-Methylnaphthalene	13.035	142	168553	41.511	ng	96
40) 1,2,4,5-Tetrachloroben...	13.158	216	89875	42.029	ng	99
41) Hexachlorocyclopentadiene	13.111	237	125034	93.215	ng	97
43) 2,4,6-Trichlorophenol	13.405	196	70443	47.372	ng	95

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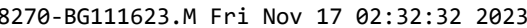
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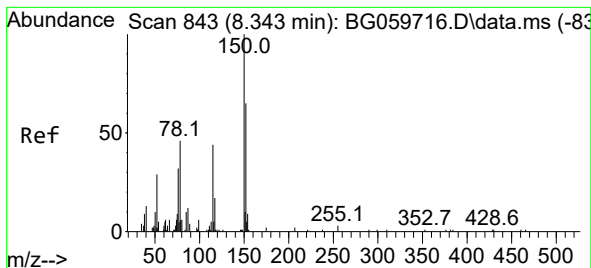
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.476	196	73678	42.168	ng	# 85
46) 1,1'-Biphenyl	13.805	154	257752	41.473	ng	99
47) 2-Chloronaphthalene	13.863	162	191035	44.734	ng	99
48) 2-Nitroaniline	14.075	65	72823	47.763	ng	91
49) Acenaphthylene	14.703	152	316018	43.400	ng	# 92
50) Dimethylphthalate	14.416	163	269667	43.948	ng	# 98
51) 2,6-Dinitrotoluene	14.557	165	55231	47.447	ng	96
52) Acenaphthene	15.033	154	183734	41.957	ng	95
53) 3-Nitroaniline	14.897	138	42364	31.092	ng	# 89
54) 2,4-Dinitrophenol	15.091	184	79608	92.033	ng	# 71
55) Dibenzofuran	15.367	168	311955	43.207	ng	# 86
56) 4-Nitrophenol	15.168	139	92891	89.110	ng	# 74
57) 2,4-Dinitrotoluene	15.332	165	75789	42.337	ng	85
58) Fluorene	16.014	166	279541	46.602	ng	90
59) 2,3,4,6-Tetrachlorophenol	15.491	232	71986	46.869	ng	96
60) Diethylphthalate	15.755	149	305032	46.351	ng	97
61) 4-Chlorophenyl-phenyle...	15.996	204	142212	46.061	ng	99
62) 4-Nitroaniline	16.061	138	52481	38.432	ng	# 88
63) Azobenzene	16.290	77	335970	45.940	ng	94
65) 4,6-Dinitro-2-methylph...	16.078	198	48418	42.015	ng	94
66) n-Nitrosodiphenylamine	16.213	169	248137	45.047	ng	99
67) 4-Bromophenyl-phenylether	16.895	248	95999	47.389	ng	99
68) Hexachlorobenzene	16.983	284	92755	49.058	ng	98
69) Atrazine	17.148	200	98532	55.791	ng	96
70) Pentachlorophenol	17.342	266	106055	73.523	ng	96
71) Phenanthrene	17.765	178	426420	44.478	ng	95
72) Anthracene	17.853	178	435665	43.736	ng	97
73) Carbazole	18.129	167	386957	44.466	ng	97
74) Di-n-butylphthalate	18.634	149	475339	45.188	ng	98
75) Fluoranthene	19.756	202	481959	41.919	ng	99
77) Benzidine	19.944	184	88282	15.709	ng	96
78) Pyrene	20.115	202	475230	28.182	ng	98
80) Butylbenzylphthalate	20.973	149	292643	42.323	ng	91
81) Benzo(a)anthracene	22.024	228	706927	41.687	ng	95
82) 3,3'-Dichlorobenzidine	21.936	252	231465	36.637	ng	90
83) Chrysene	22.101	228	630663	40.570	ng	95
84) Bis(2-ethylhexyl)phtha...	21.854	149	420233	43.475	ng	# 98
85) Di-n-octyl phthalate	23.188	149	729138	39.184	ng	97
87) Indeno(1,2,3-cd)pyrene	29.786	276	859651	41.164	ng	# 76
88) Benzo(b)fluoranthene	24.468	252	822307	54.360	ng	# 99
89) Benzo(k)fluoranthene	24.551	252	771228	51.569	ng	95
90) Benzo(a)pyrene	25.456	252	716703	44.393	ng	96
91) Dibenzo(a,h)anthracene	29.874	278	809324	45.806	ng	# 89
92) Benzo(g,h,i)perylene	31.108	276	753584	44.951	ng	# 99

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

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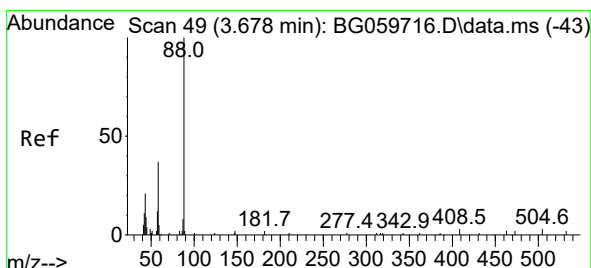
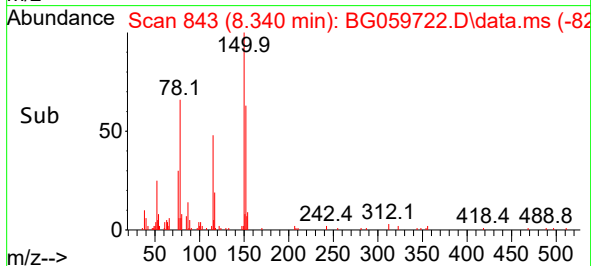
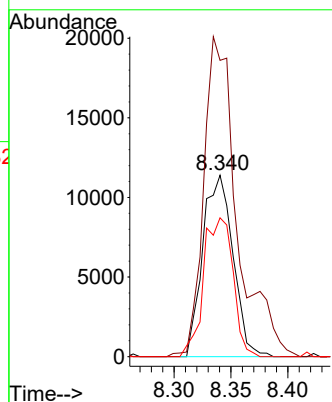
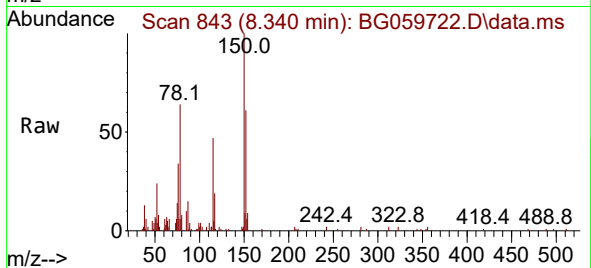




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 84
Delta R.T. -0.003 min
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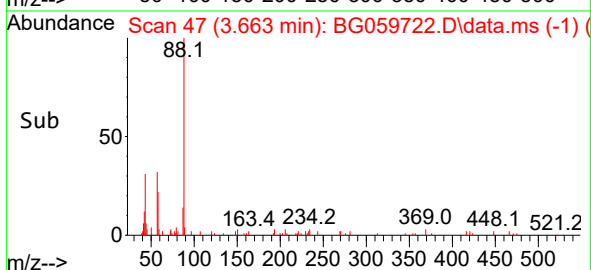
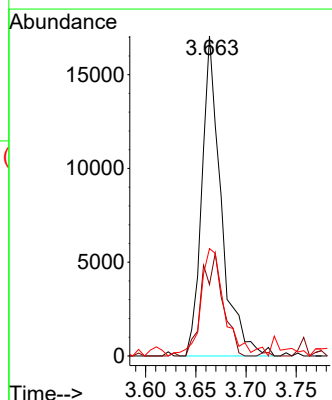
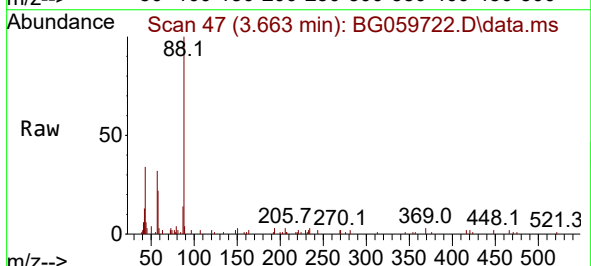
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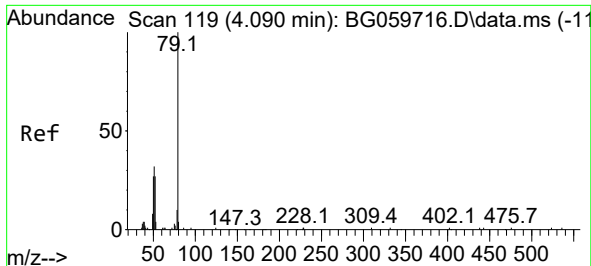
Tgt Ion:152 Resp: 21090
Ion Ratio Lower Upper
152 100
150 163.3 122.2 183.4
115 76.5 54.2 81.4



#2
1,4-Dioxane
Concen: 38.894 ng
RT: 3.663 min Scan# 47
Delta R.T. -0.015 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion: 88 Resp: 22890
Ion Ratio Lower Upper
88 100
58 35.7 28.6 42.8
43 40.8 17.5 26.3

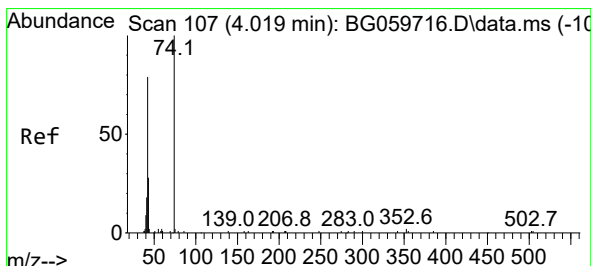
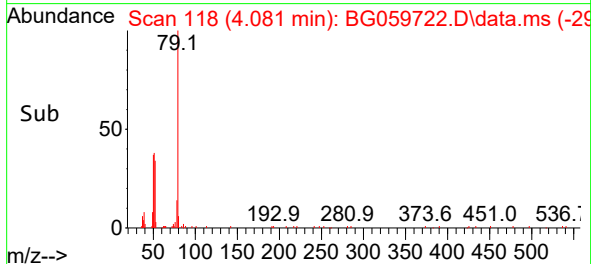
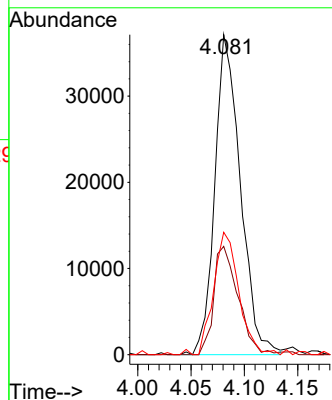
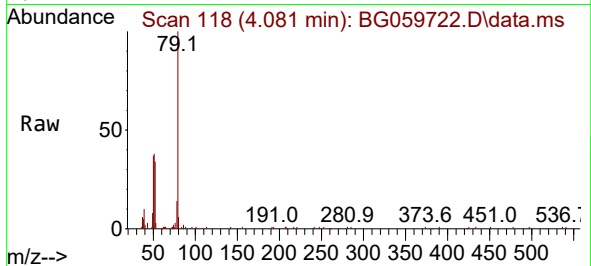




#3
Pyridine
Concen: 38.466 ng
RT: 4.081 min Scan# 119
Delta R.T. -0.009 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

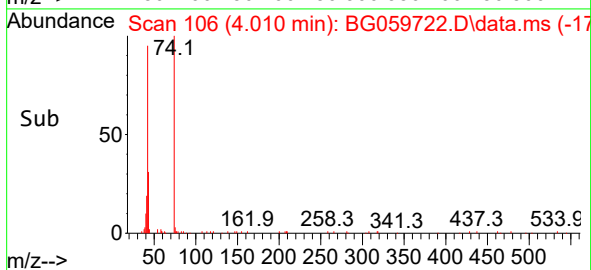
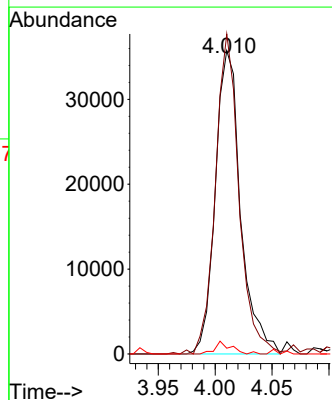
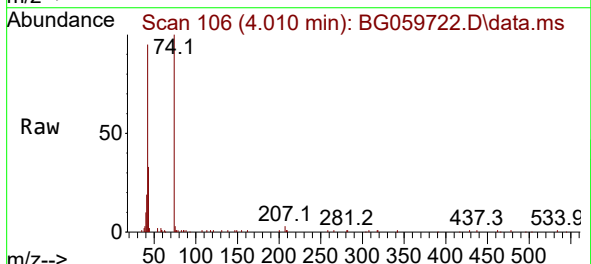
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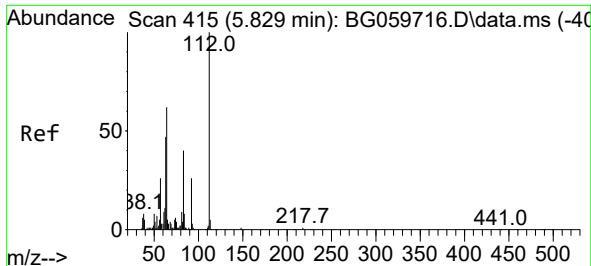
Tgt Ion: 79 Resp: 61831
Ion Ratio Lower Upper
79 100
52 33.8 21.6 32.4#
51 38.3 25.3 37.9#



#4
n-Nitrosodimethylamine
Concen: 64.785 ng
RT: 4.010 min Scan# 106
Delta R.T. -0.009 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion: 42 Resp: 55400
Ion Ratio Lower Upper
42 100
74 105.5 101.2 151.8
44 1.9 2.4 3.6#

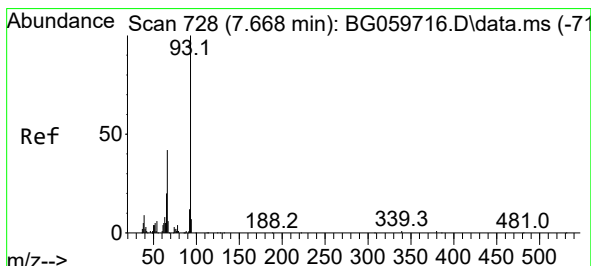
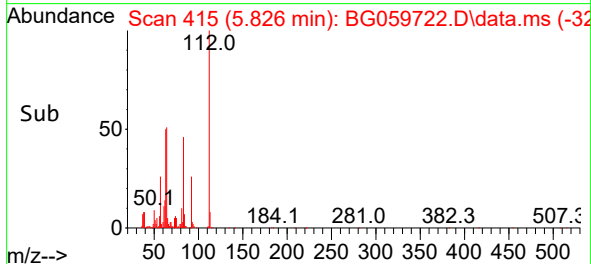
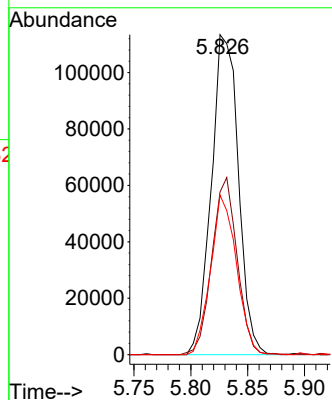
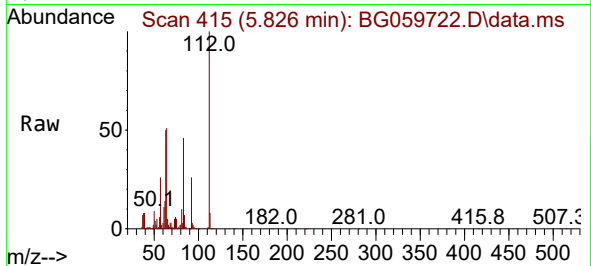




#5
2-Fluorophenol
Concen: 149.850 ng
RT: 5.826 min Scan# 415
Delta R.T. -0.003 min
Lab File: BG059722.D
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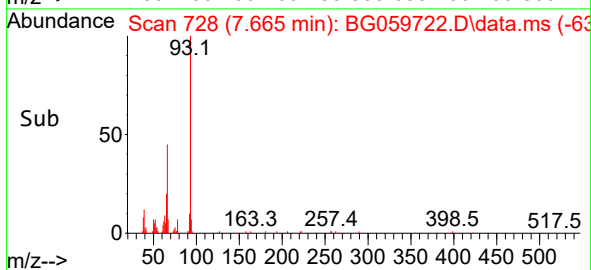
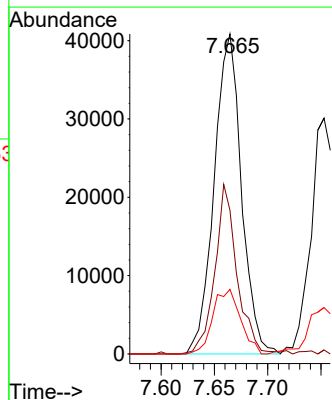
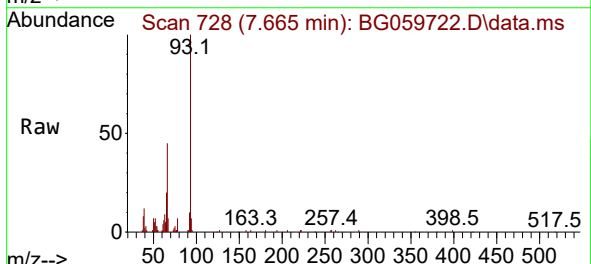
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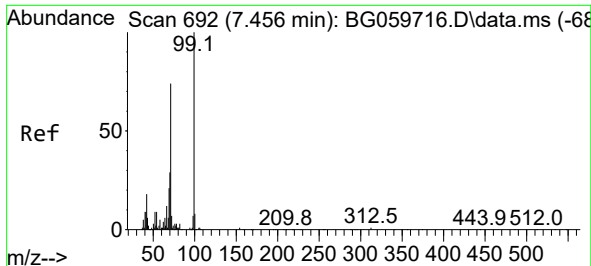
Tgt Ion:112 Resp: 187764
Ion Ratio Lower Upper
112 100
64 50.9 49.5 74.3
63 49.9 37.4 56.2



#6
Aniline
Concen: 29.577 ng
RT: 7.665 min Scan# 728
Delta R.T. -0.003 min
Lab File: BG059722.D
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Tgt Ion: 93 Resp: 72480
Ion Ratio Lower Upper
93 100
66 44.9 33.9 50.9
65 20.2 15.8 23.8

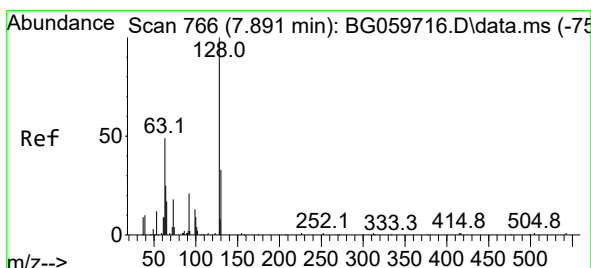
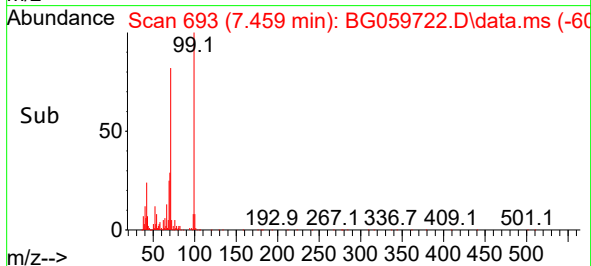
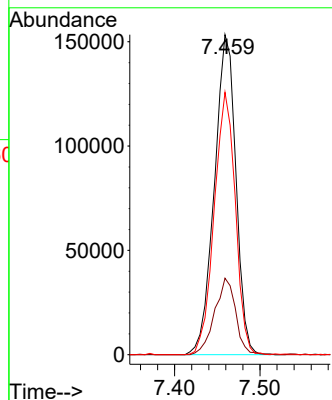
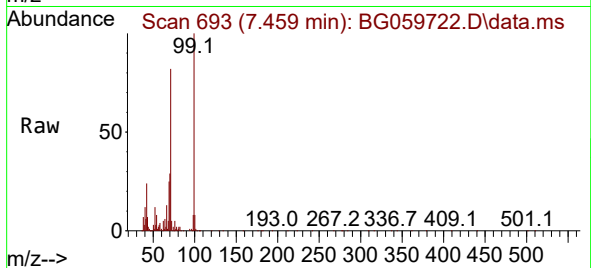




#7
Phenol-d6
Concen: 144.849 ng
RT: 7.459 min Scan# 692
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

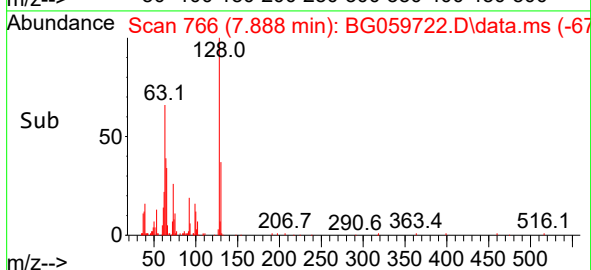
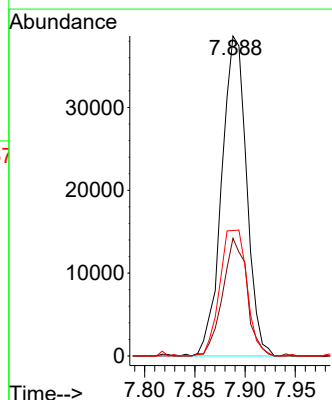
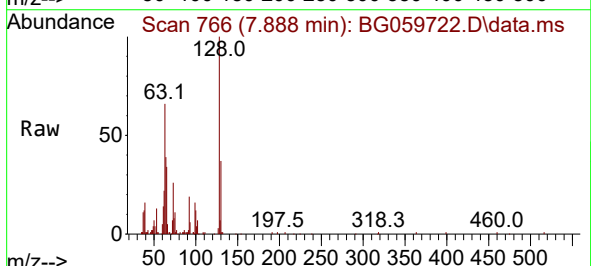
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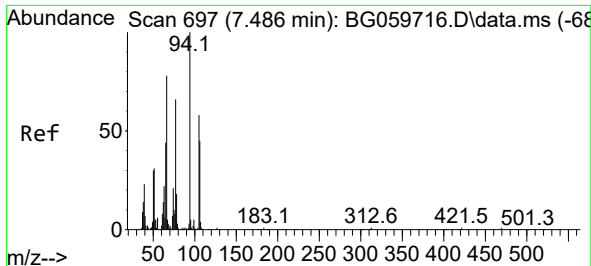
Tgt Ion: 99 Resp: 268962
Ion Ratio Lower Upper
99 100
42 23.9 14.3 21.5#
71 82.0 59.3 88.9



#8
2-Chlorophenol
Concen: 48.980 ng
RT: 7.888 min Scan# 766
Delta R.T. -0.003 min
Lab File: BG059722.D
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Tgt Ion:128 Resp: 66581
Ion Ratio Lower Upper
128 100
130 36.7 13.1 53.1
64 39.2 27.0 67.0

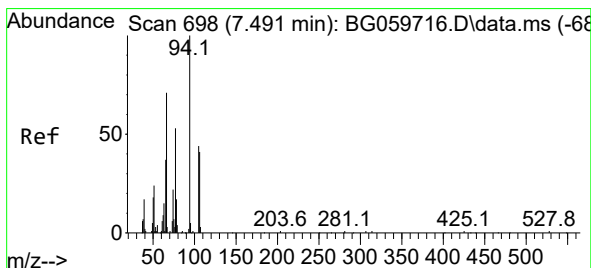
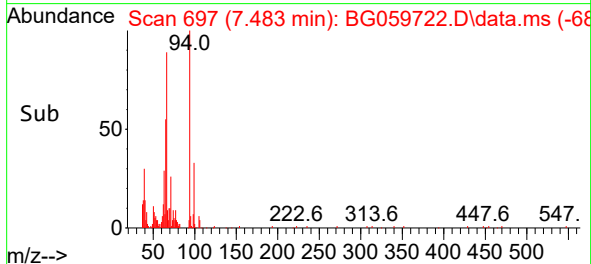
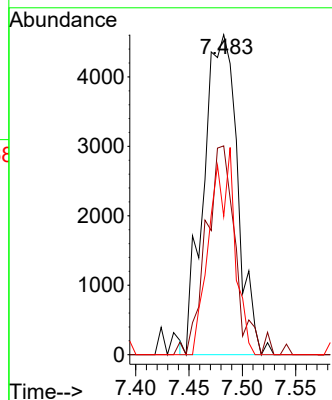
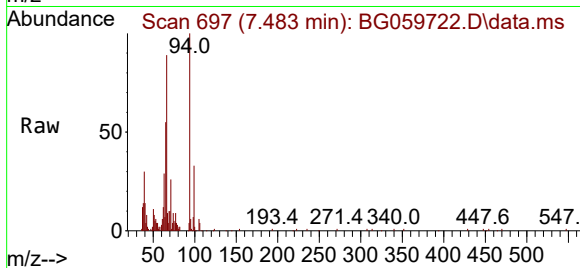




#9
Benzaldehyde
Concen: 8.088 ng
RT: 7.483 min Scan# 697
Delta R.T. -0.003 min
Lab File: BG059722.D
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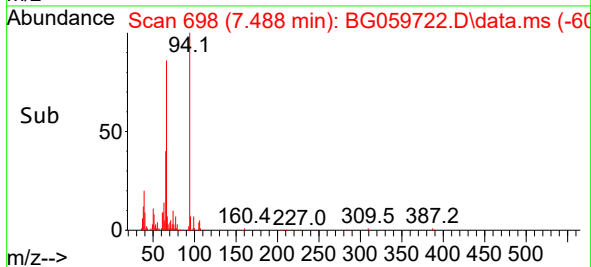
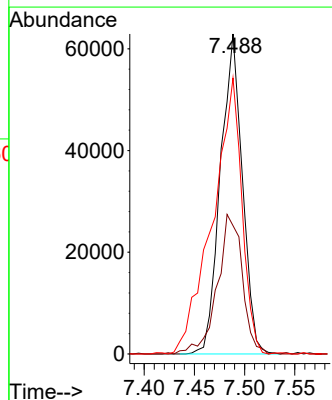
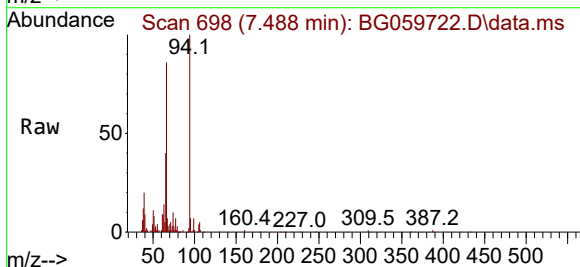
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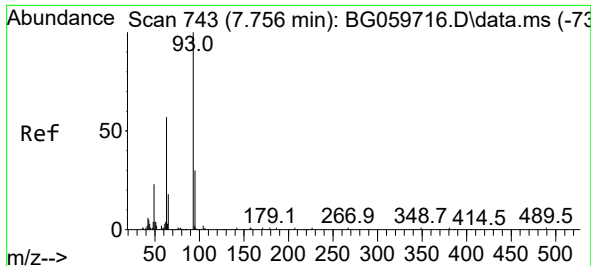
Tgt Ion: 77 Resp: 10152
Ion Ratio Lower Upper
77 100
105 65.3 68.0 108.0#
106 43.3 48.1 88.1#



#10
Phenol
Concen: 49.896 ng
RT: 7.488 min Scan# 698
Delta R.T. -0.003 min
Lab File: BG059722.D
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Tgt Ion: 94 Resp: 95487
Ion Ratio Lower Upper
94 100
65 40.1 18.1 58.1
66 86.3 56.6 96.6

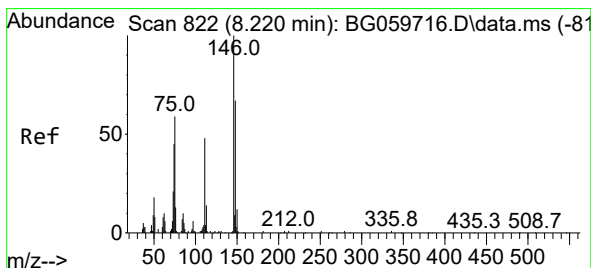
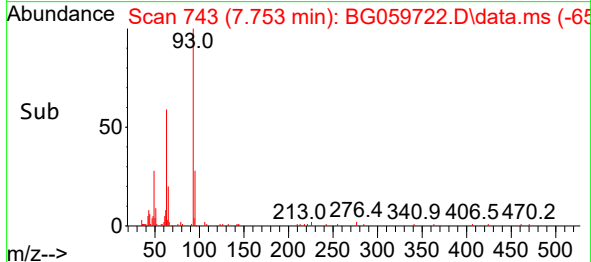
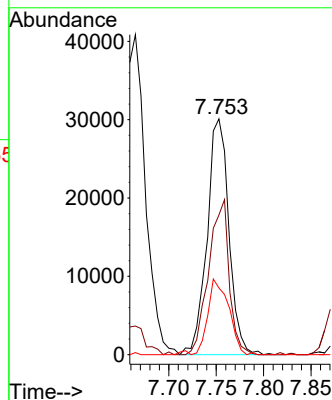
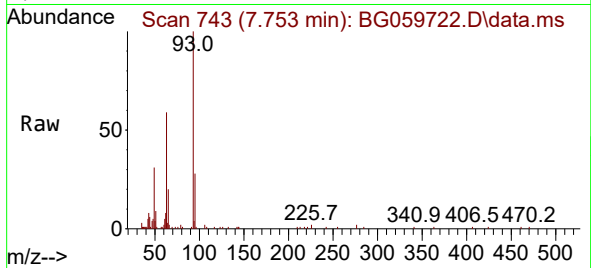




#11
bis(2-Chloroethyl)ether
Concen: 40.524 ng
RT: 7.753 min Scan# 743
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

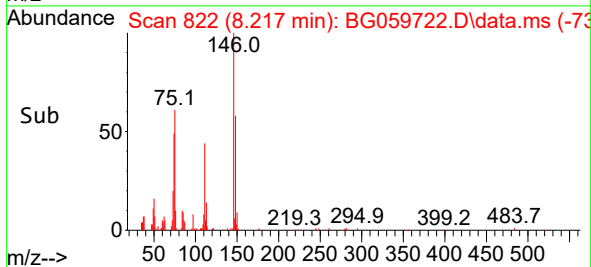
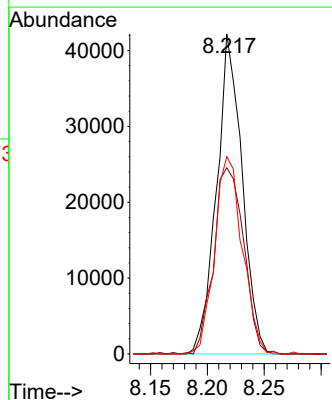
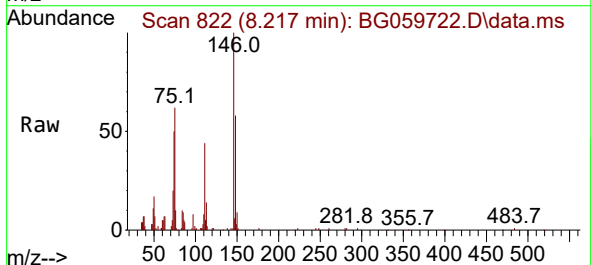
Instrument :
BNA_G
ClientSampleId :
PB157140BS

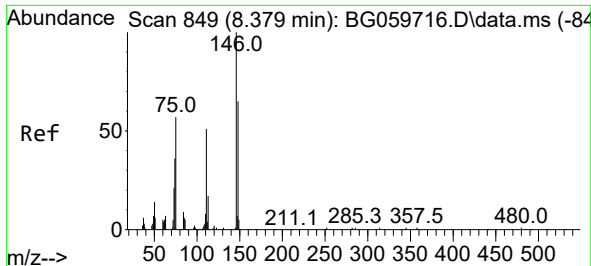
Tgt Ion: 93 Resp: 48277
Ion Ratio Lower Upper
93 100
63 59.2 37.2 77.2
95 28.3 10.2 50.2



#12
1,3-Dichlorobenzene
Concen: 43.579 ng
RT: 8.217 min Scan# 822
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:146 Resp: 65800
Ion Ratio Lower Upper
146 100
148 58.2 53.9 80.9
75 61.7 47.5 71.3

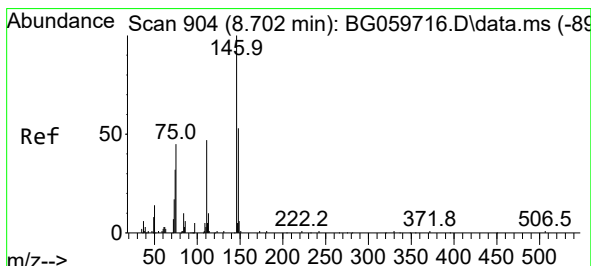
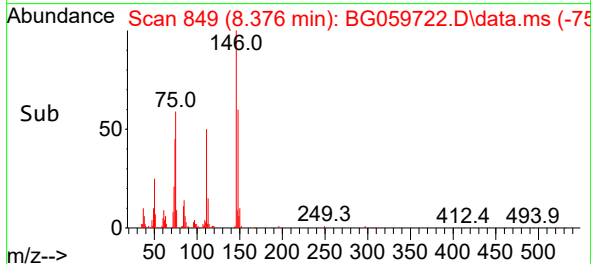
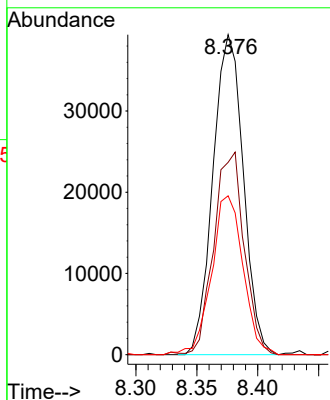
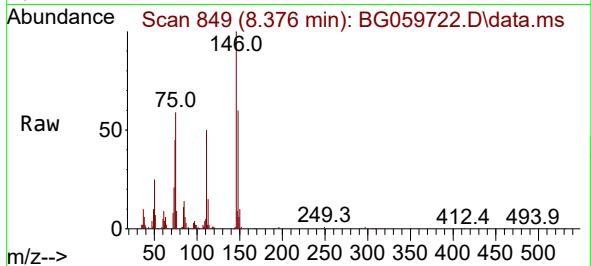




#13
1,4-Dichlorobenzene
Concen: 45.100 ng
RT: 8.376 min Scan# 849
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

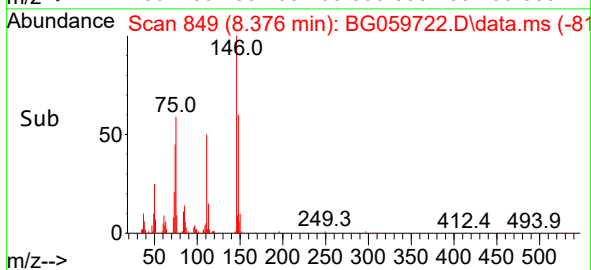
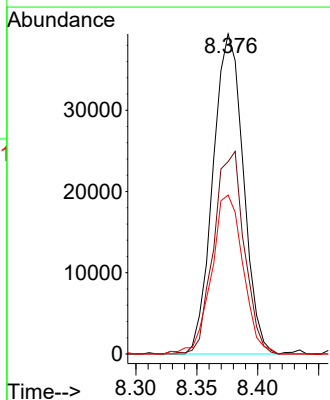
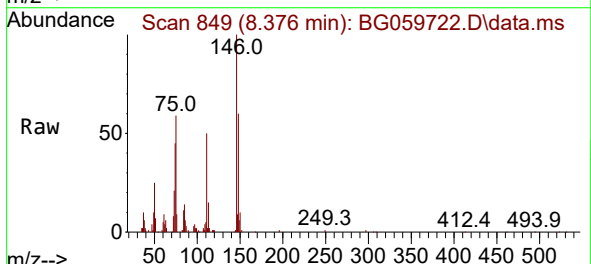
Instrument :
BNA_G
ClientSampleId :
PB157140BS

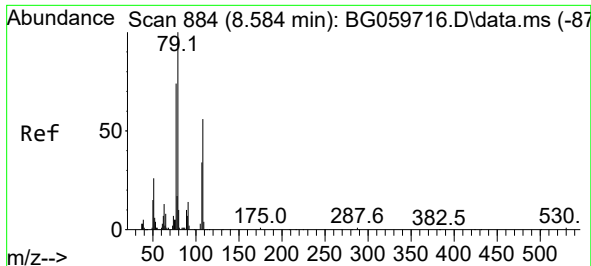
Tgt Ion:146 Resp: 68383
Ion Ratio Lower Upper
146 100
148 60.1 52.3 78.5
111 49.7 41.2 61.8



#14
1,2-Dichlorobenzene
Concen: 45.394 ng
RT: 8.376 min Scan# 849
Delta R.T. -0.326 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:146 Resp: 68383
Ion Ratio Lower Upper
146 100
148 60.1 43.1 64.7
111 49.7 38.3 57.5

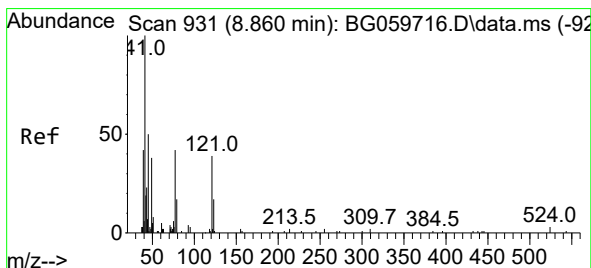
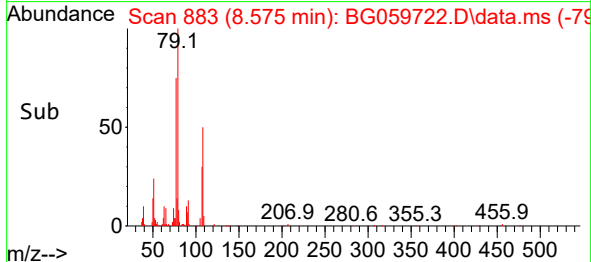
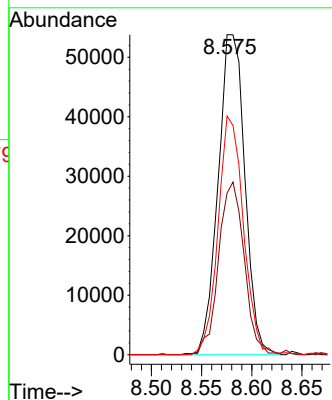
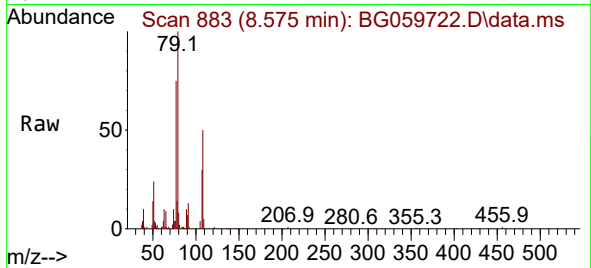




#15
Benzyl Alcohol
Concen: 47.100 ng
RT: 8.575 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

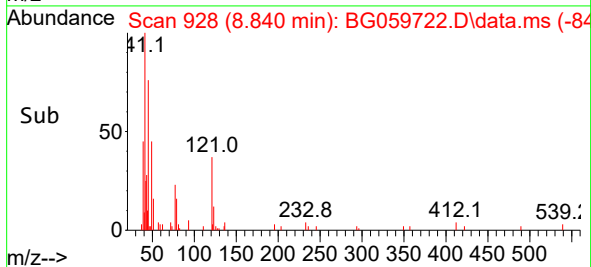
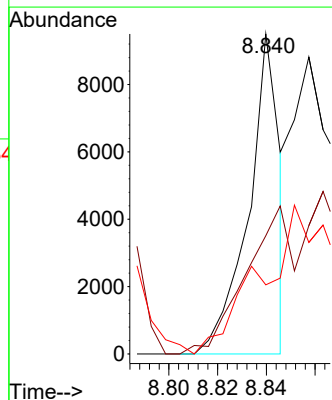
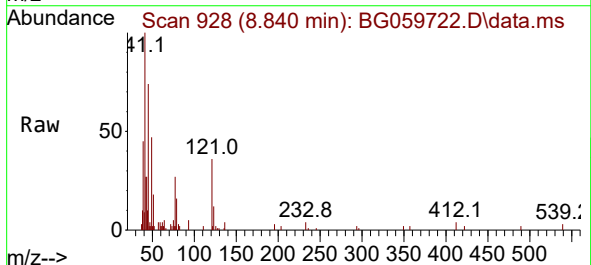
Instrument :
BNA_G
ClientSampleId :
PB157140BS

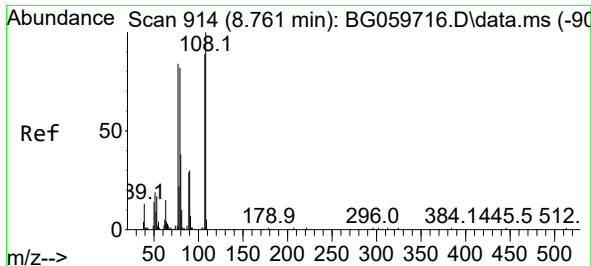
Tgt Ion: 79 Resp: 99731
Ion Ratio Lower Upper
79 100
108 50.5 45.4 68.2
77 74.6 59.4 89.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.464 ng
RT: 8.840 min Scan# 928
Delta R.T. -0.021 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion: 45 Resp: 8531
Ion Ratio Lower Upper
45 100
77 36.9 63.6 103.6#
79 21.6 19.6 59.6





#17

2-Methylphenol

Concen: 44.057 ng

RT: 8.763 min Scan# 914

Delta R.T. 0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

Tgt Ion:107 Resp: 62102

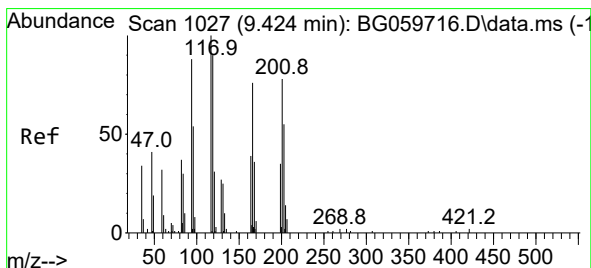
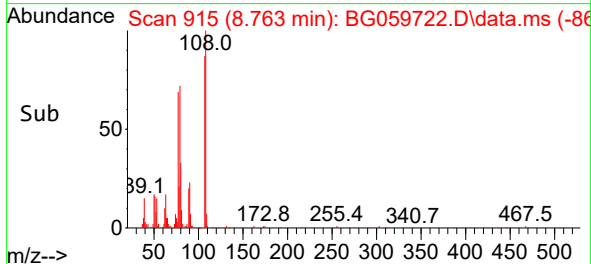
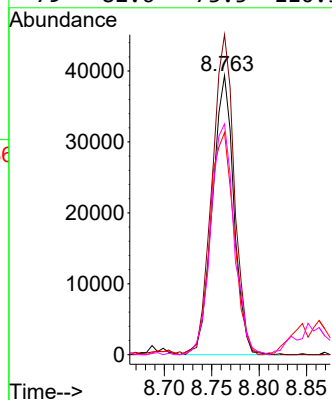
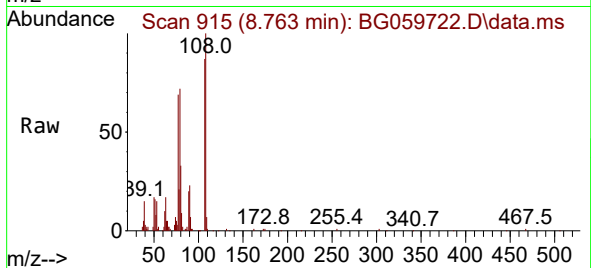
Ion Ratio Lower Upper

107 100

108 114.6 90.0 135.0

77 79.6 76.5 114.7

79 82.6 73.5 110.3



#18

Hexachloroethane

Concen: 45.206 ng

RT: 9.433 min Scan# 1029

Delta R.T. 0.009 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

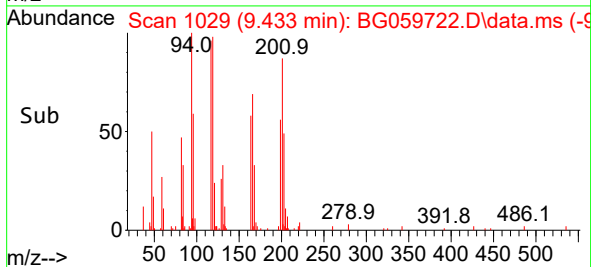
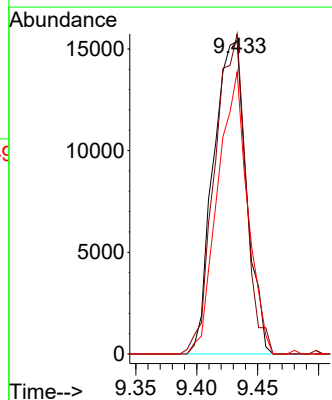
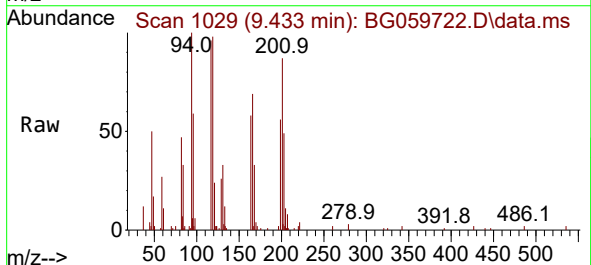
Tgt Ion:117 Resp: 29093

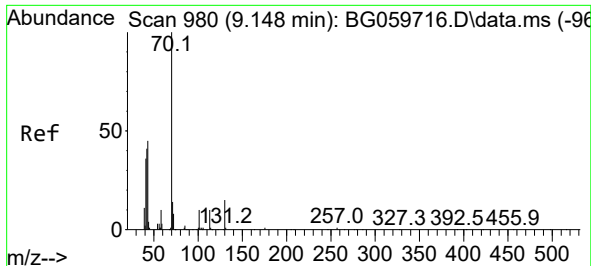
Ion Ratio Lower Upper

117 100

119 102.3 71.8 107.8

201 90.3 62.2 93.4

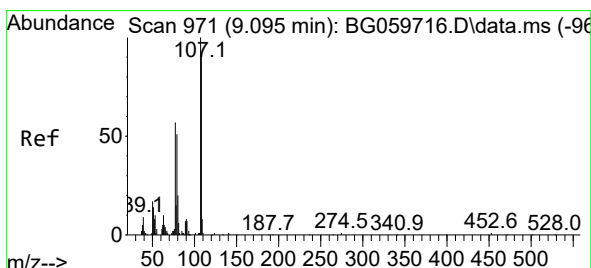
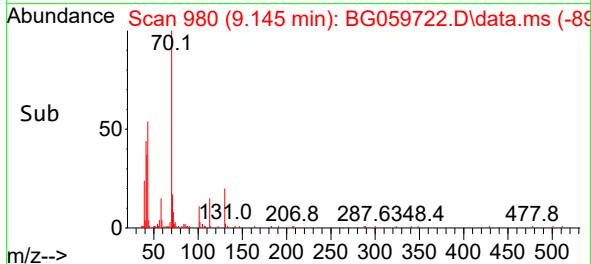
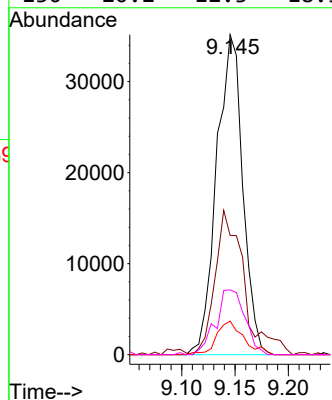
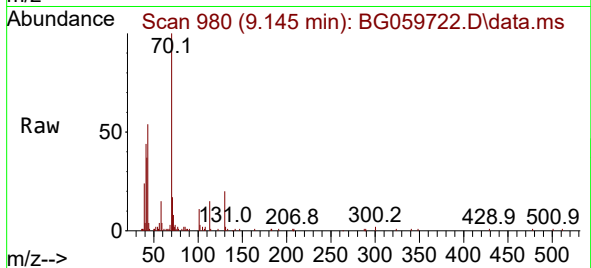




#19
n-Nitroso-di-n-propylamine
Concen: 40.975 ng
RT: 9.145 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

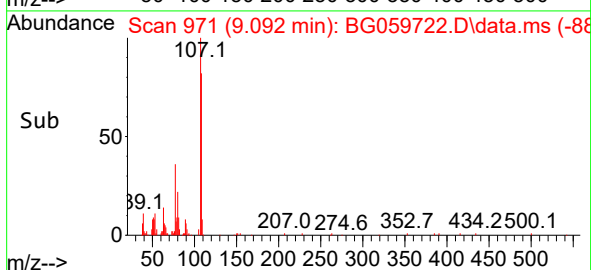
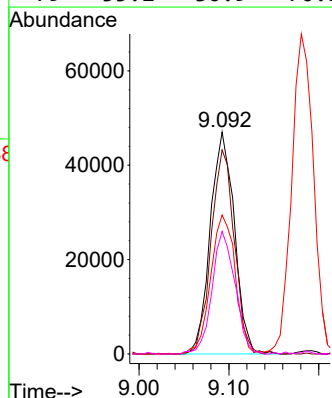
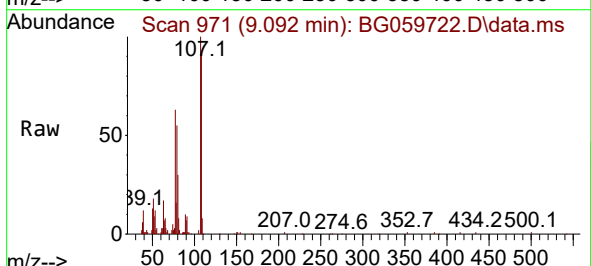
Instrument :
BNA_G
ClientSampleId :
PB157140BS

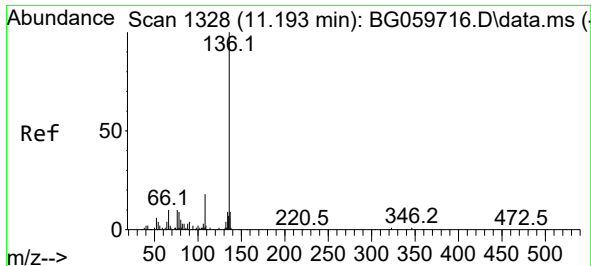
Tgt Ion:	70	Resp:	59915
Ion	Ratio	Lower	Upper
70	100		
42	37.3	32.8	49.2
101	10.5	7.7	11.5
130	20.2	12.3	18.5



#20
3+4-Methylphenols
Concen: 44.809 ng
RT: 9.092 min Scan# 971
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:	107	Resp:	87685
Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.1	111.1
77	62.6	37.5	77.5
79	55.2	30.9	70.9

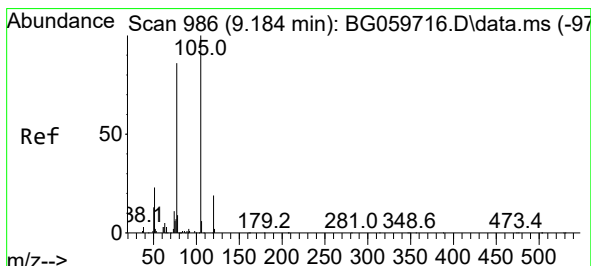
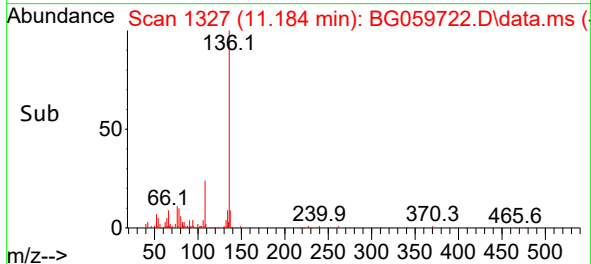
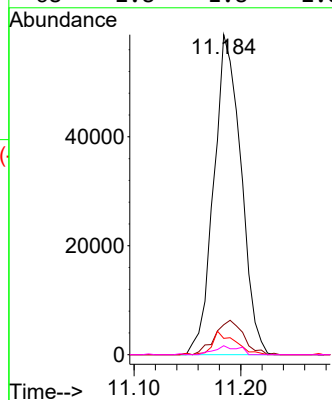
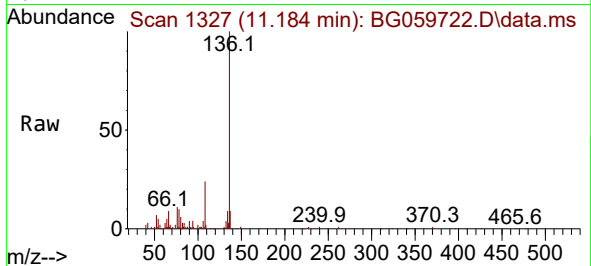




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

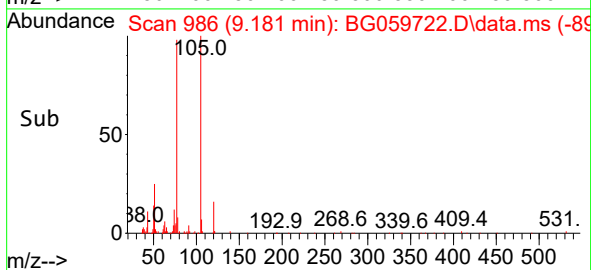
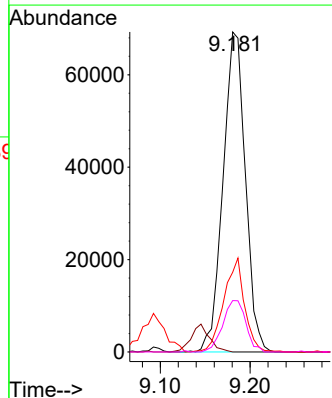
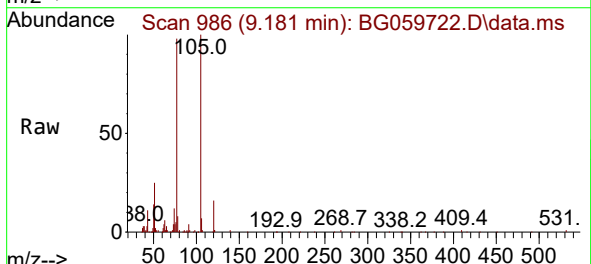
Instrument :
BNA_G
ClientSampleId :
PB157140BS

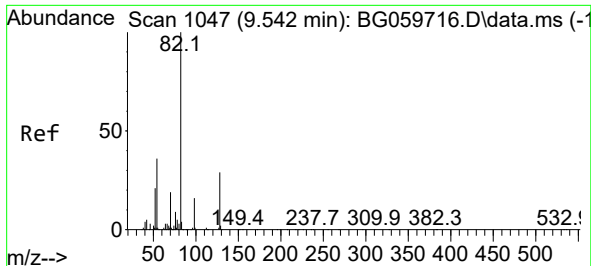
Tgt Ion:136 Resp: 103966
Ion Ratio Lower Upper
136 100
137 9.3 7.4 11.0
54 5.1 3.1 4.7#
68 2.8 1.8 2.8#



#22
Acetophenone
Concen: 40.633 ng
RT: 9.181 min Scan# 986
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:105 Resp: 119601
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 24.9 18.4 27.6
120 16.1 15.0 22.6

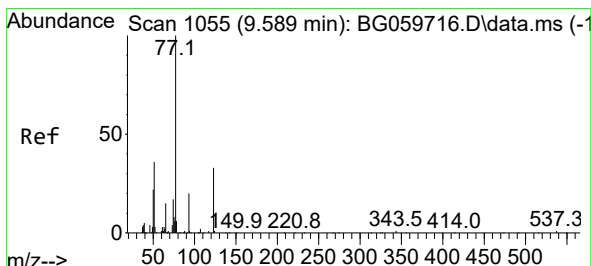
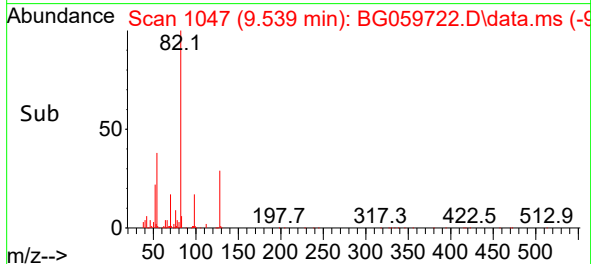
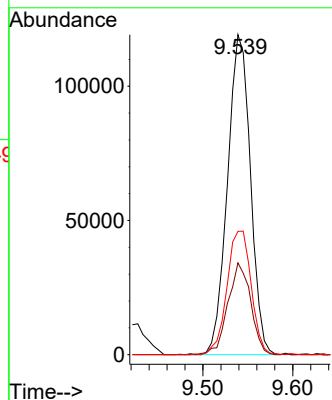
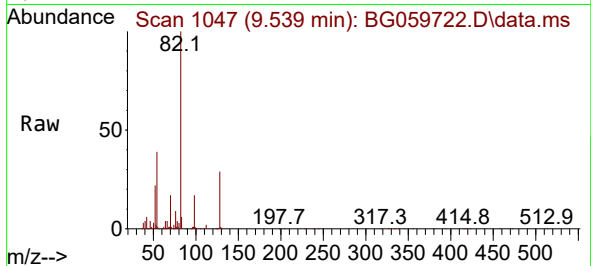




#23
Nitrobenzene-d5
Concen: 77.682 ng
RT: 9.539 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

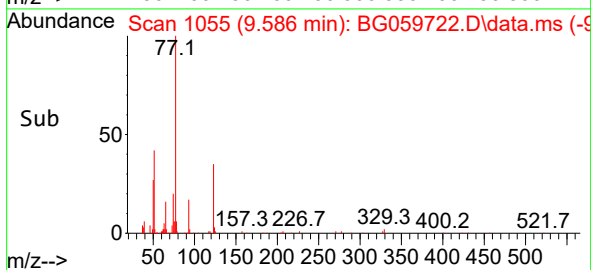
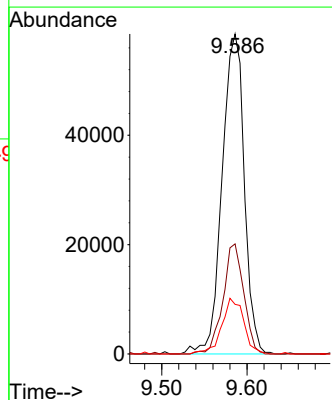
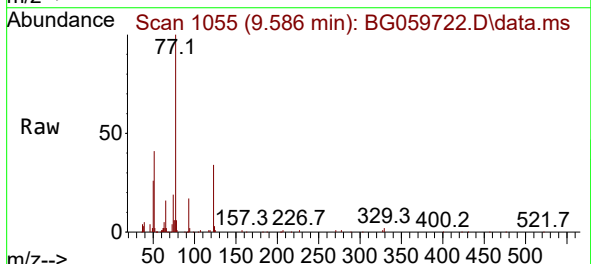
Instrument :
BNA_G
ClientSampleId :
PB157140BS

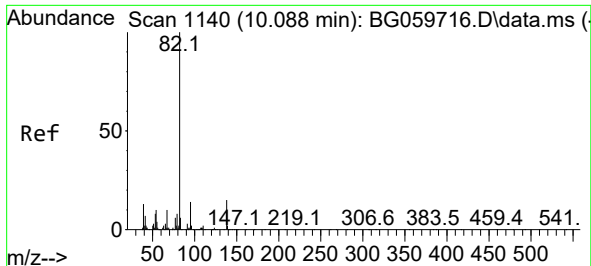
Tgt Ion: 82 Resp: 211465
Ion Ratio Lower Upper
82 100
128 28.7 23.0 34.6
54 38.6 28.7 43.1



#24
Nitrobenzene
Concen: 42.230 ng
RT: 9.586 min Scan# 1055
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion: 77 Resp: 105875
Ion Ratio Lower Upper
77 100
123 34.4 26.1 39.1
65 15.5 12.1 18.1

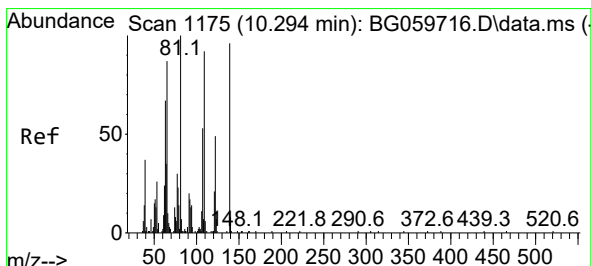
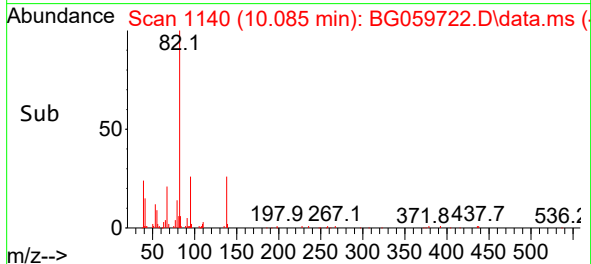
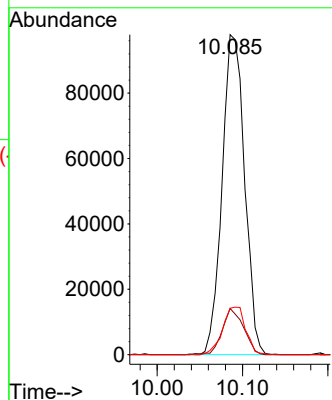
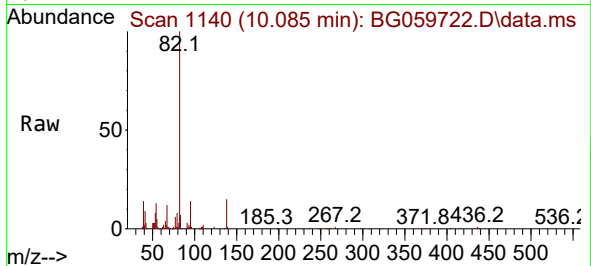




#25
Isophorone
Concen: 39.318 ng
RT: 10.085 min Scan# 1140
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

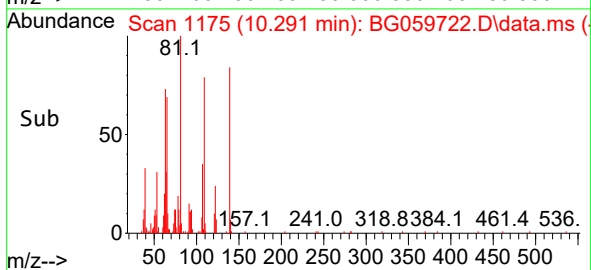
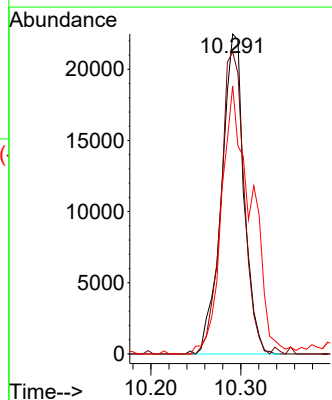
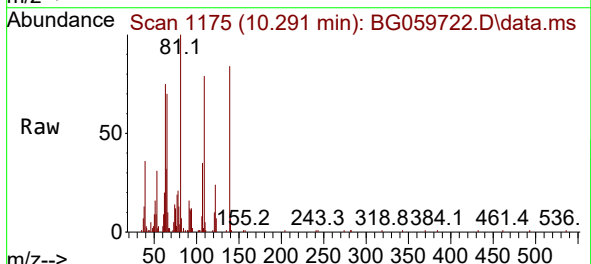
Instrument :
BNA_G
ClientSampleId :
PB157140BS

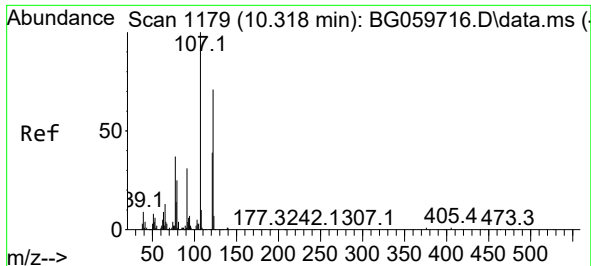
Tgt Ion: 82 Resp: 179688
Ion Ratio Lower Upper
82 100
95 14.5 11.4 17.0
138 14.5 12.1 18.1



#26
2-Nitrophenol
Concen: 42.688 ng
RT: 10.291 min Scan# 1175
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:139 Resp: 39237
Ion Ratio Lower Upper
139 100
109 94.4 76.7 115.1
65 83.7 72.1 108.1

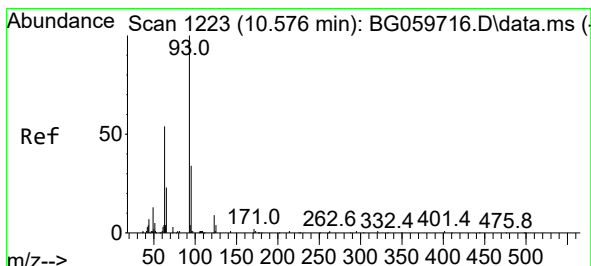
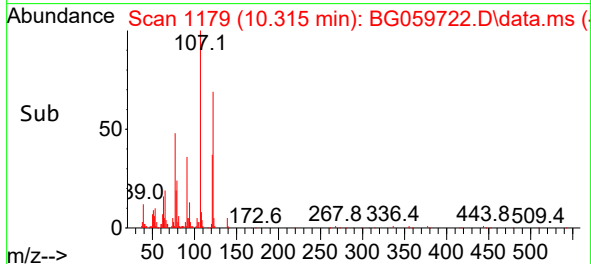
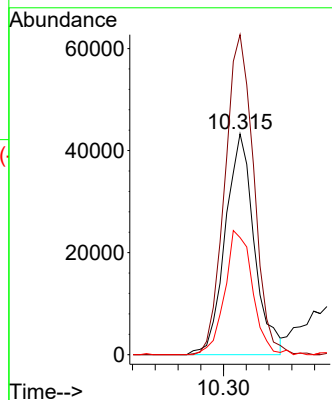
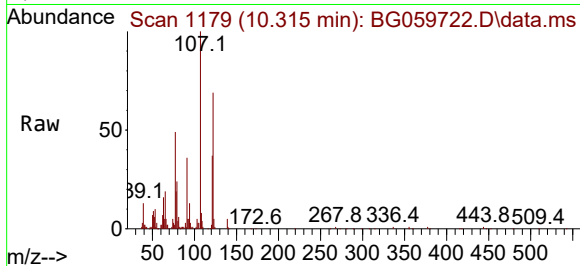




#27
2,4-Dimethylphenol
Concen: 40.992 ng
RT: 10.315 min Scan# 1179
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

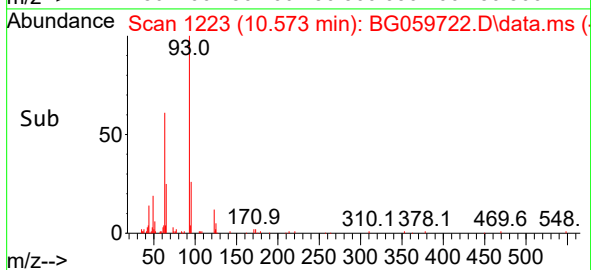
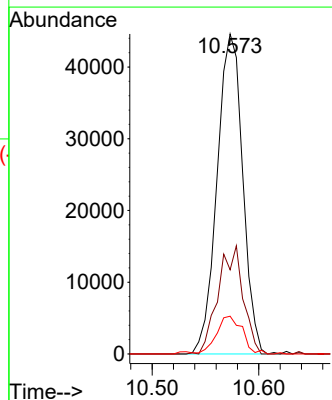
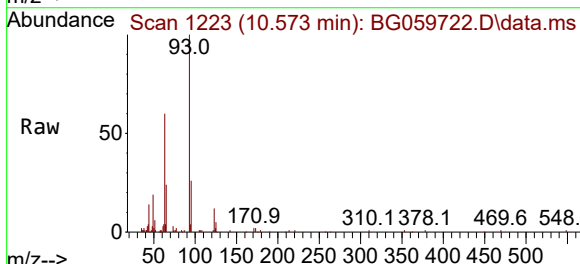
Instrument :
BNA_G
ClientSampleId :
PB157140BS

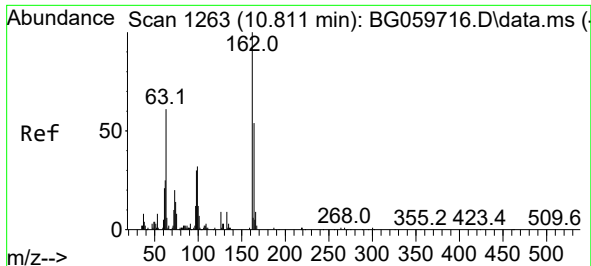
Tgt Ion:122 Resp: 76609
Ion Ratio Lower Upper
122 100
107 144.9 112.1 168.1
121 53.0 43.2 64.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.279 ng
RT: 10.573 min Scan# 1223
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion: 93 Resp: 74325
Ion Ratio Lower Upper
93 100
95 26.3 27.0 40.6#
123 11.8 7.6 11.4#

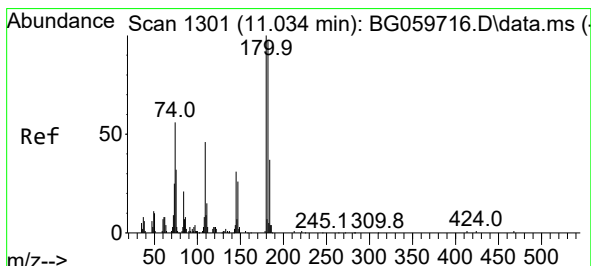
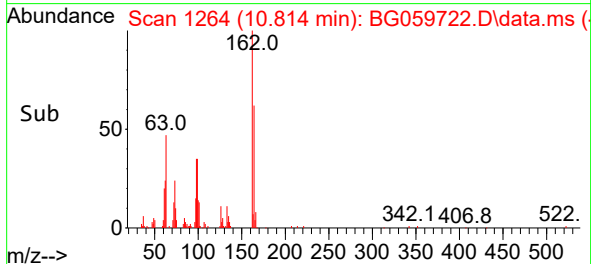
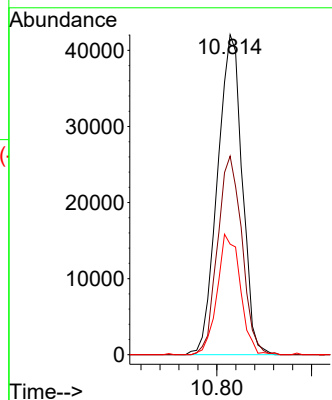
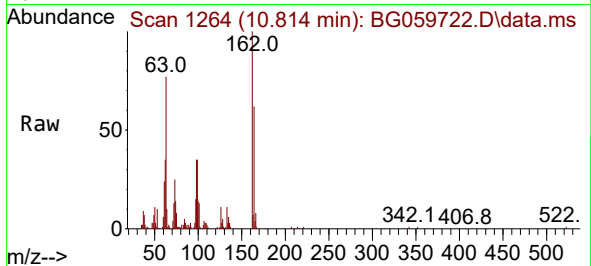




#29
2,4-Dichlorophenol
Concen: 47.818 ng
RT: 10.814 min Scan# 1263
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

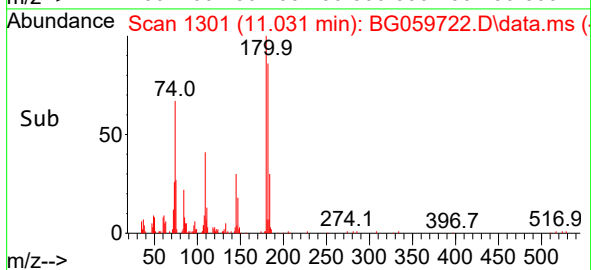
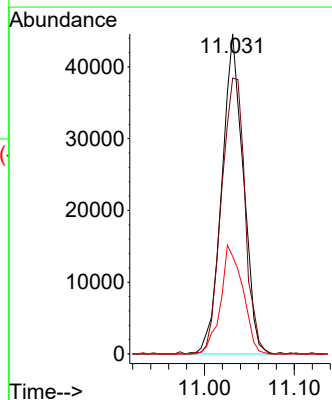
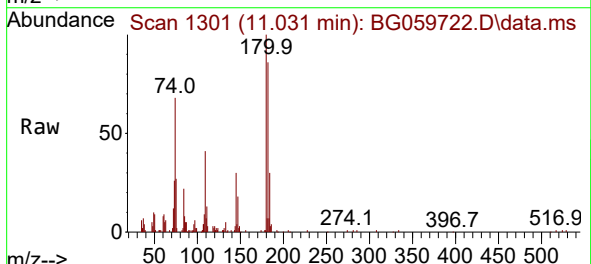
Instrument :
BNA_G
ClientSampleId :
PB157140BS

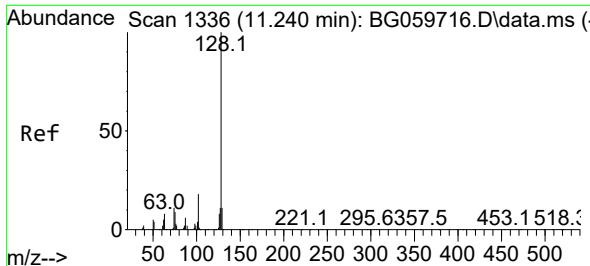
Tgt Ion:162 Resp: 76297
Ion Ratio Lower Upper
162 100
164 62.0 33.6 73.6
98 34.5 10.7 50.7



#30
1,2,4-Trichlorobenzene
Concen: 45.944 ng
RT: 11.031 min Scan# 1301
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:180 Resp: 74087
Ion Ratio Lower Upper
180 100
182 86.2 77.4 116.2
145 30.5 24.4 36.6

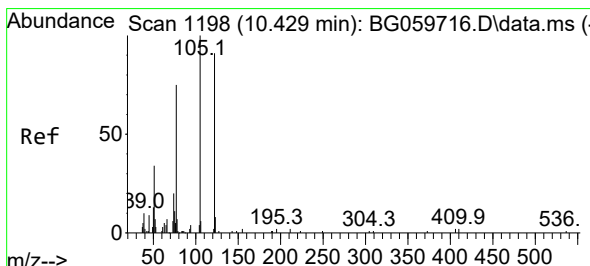
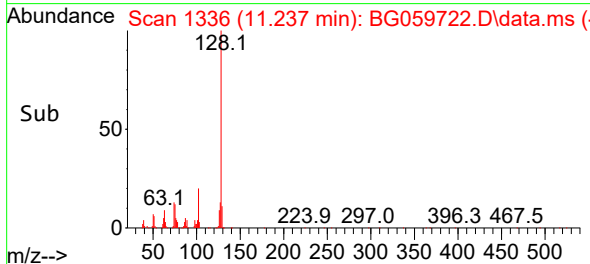
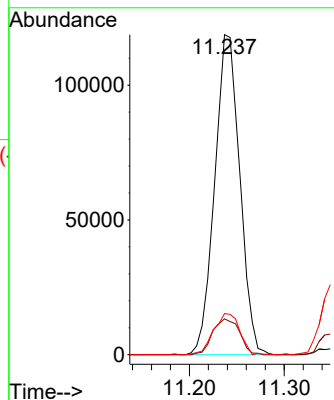
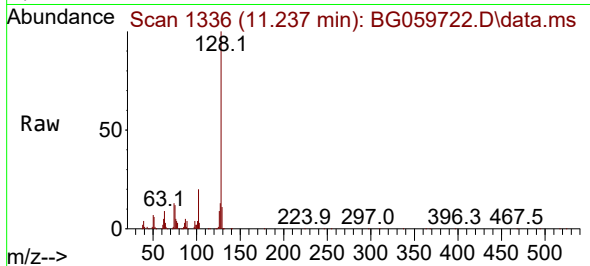




#31
Naphthalene
Concen: 41.759 ng
RT: 11.237 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

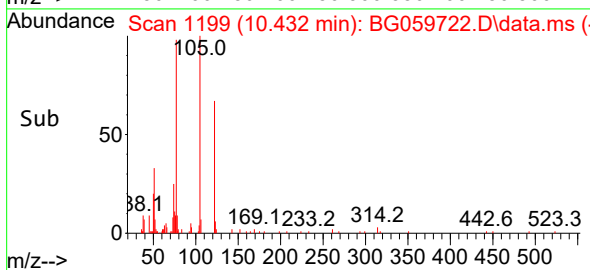
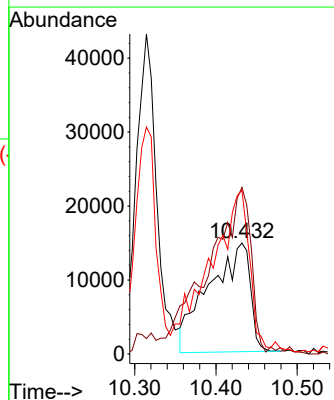
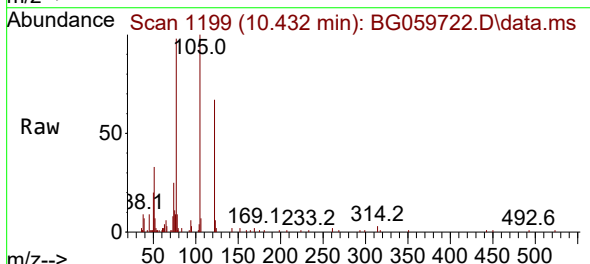
Instrument :
BNA_G
ClientSampleId :
PB157140BS

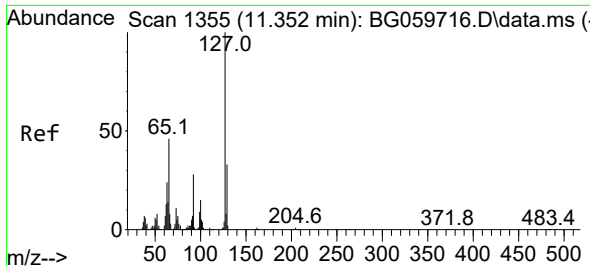
Tgt Ion:128 Resp: 218308
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.9 9.2 13.8



#32
Benzoic acid
Concen: 40.568 ng
RT: 10.432 min Scan# 1199
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:122 Resp: 51597
Ion Ratio Lower Upper
122 100
105 150.1 103.7 143.7#
77 147.5 82.3 122.3#

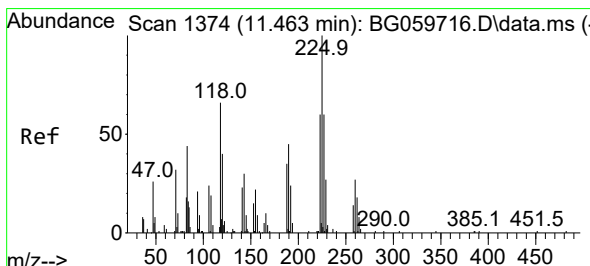
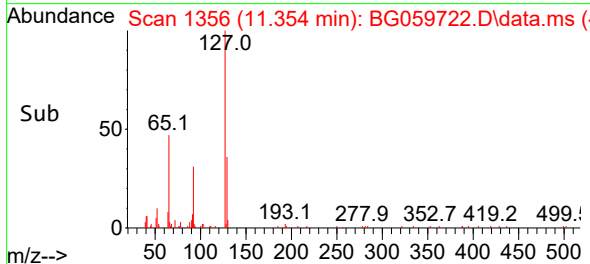
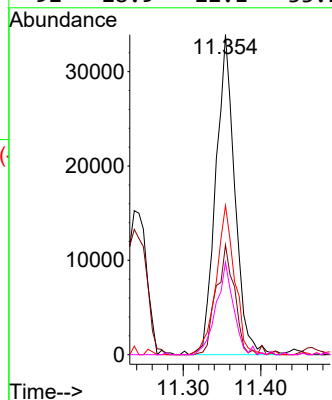
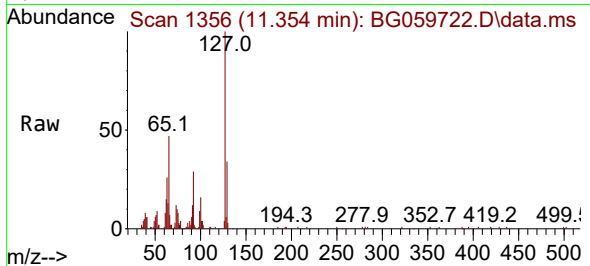




#33
4-Chloroaniline
Concen: 26.167 ng
RT: 11.354 min Scan# 1135
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

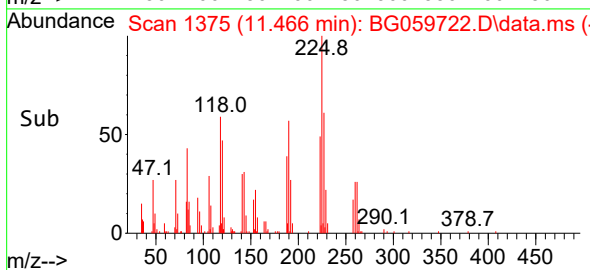
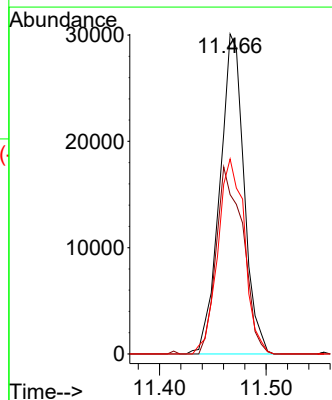
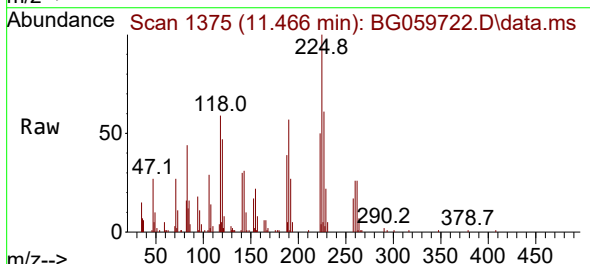
Instrument :
BNA_G
ClientSampleId :
PB157140BS

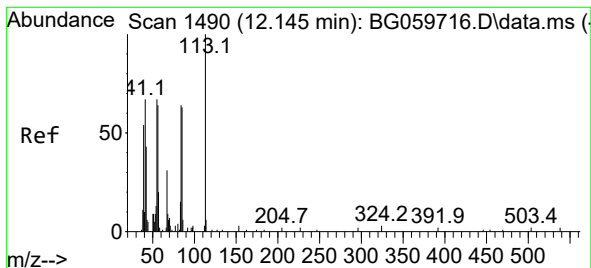
Tgt Ion:	127	Resp:	58185
Ion Ratio	Lower	Upper	
127	100		
129	34.3	26.8	40.2
65	46.6	36.5	54.7
92	28.9	22.1	33.1



#34
Hexachlorobutadiene
Concen: 43.313 ng
RT: 11.466 min Scan# 1375
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:	225	Resp:	47535
Ion Ratio	Lower	Upper	
225	100		
223	49.8	46.6	69.8
227	60.9	48.2	72.2





#35

Caprolactam

Concen: 17.375 ng

RT: 12.201 min Scan# 1

Delta R.T. 0.056 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

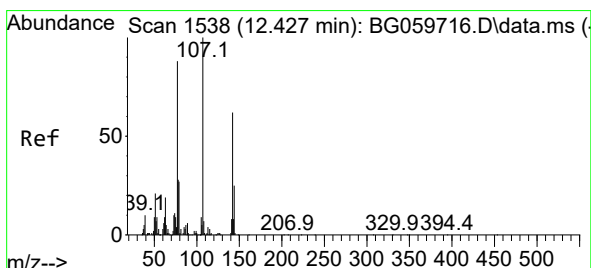
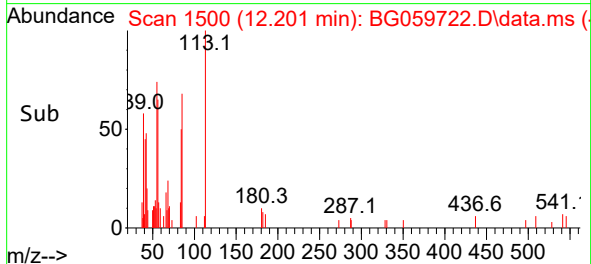
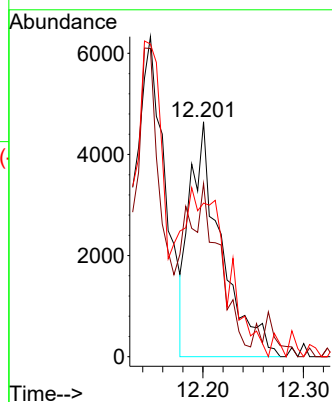
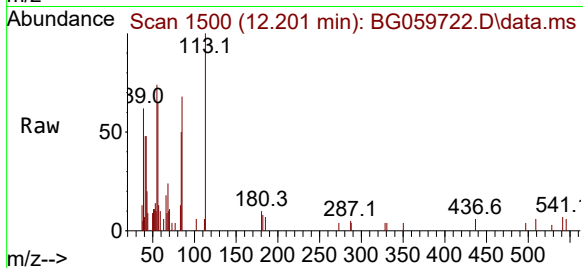
Tgt Ion:113 Resp: 10132

Ion Ratio Lower Upper

113 100

55 73.7 47.1 87.1

56 65.4 43.7 83.7



#36

4-Chloro-3-methylphenol

Concen: 48.303 ng

RT: 12.424 min Scan# 1538

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

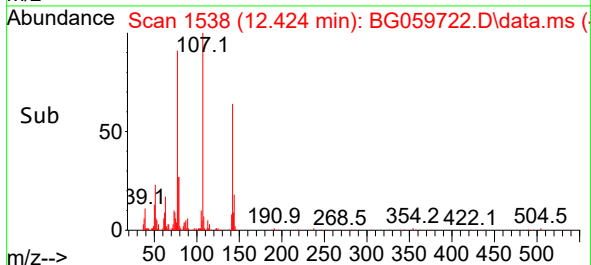
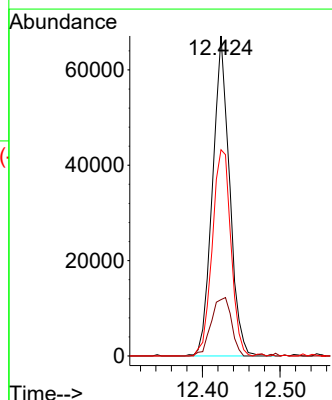
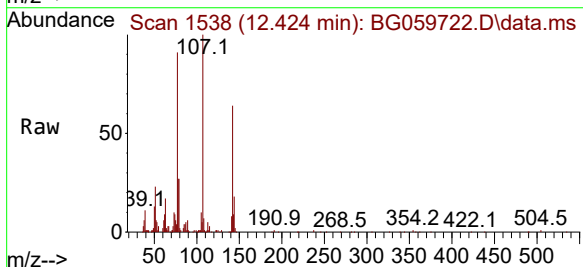
Tgt Ion:107 Resp: 102501

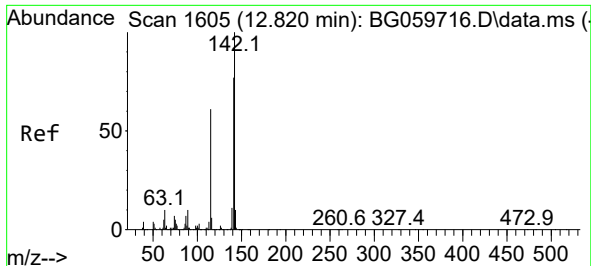
Ion Ratio Lower Upper

107 100

144 17.6 20.2 30.4#

142 64.5 49.4 74.0





#37

2-Methylnaphthalene

Concen: 40.908 ng

RT: 12.817 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

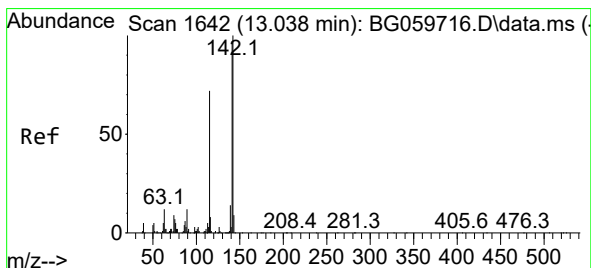
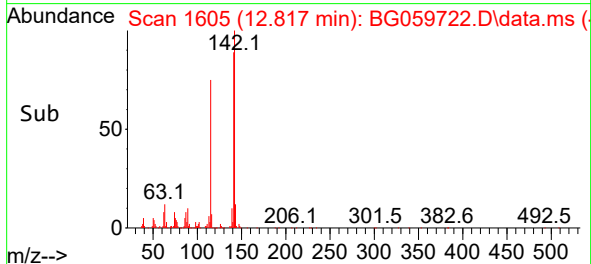
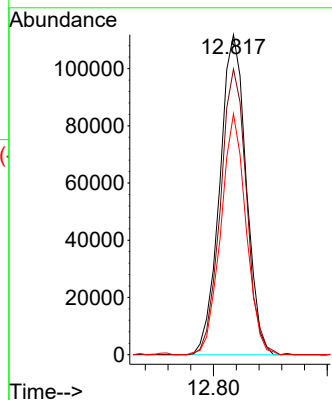
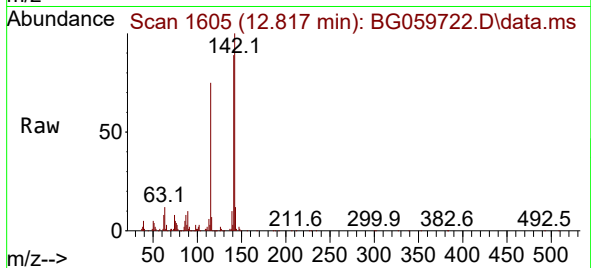
Tgt Ion:142 Resp: 180119

Ion Ratio Lower Upper

142 100

141 89.3 61.9 92.9

115 75.2 49.0 73.4#



#38

1-Methylnaphthalene

Concen: 41.511 ng

RT: 13.035 min Scan# 1642

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

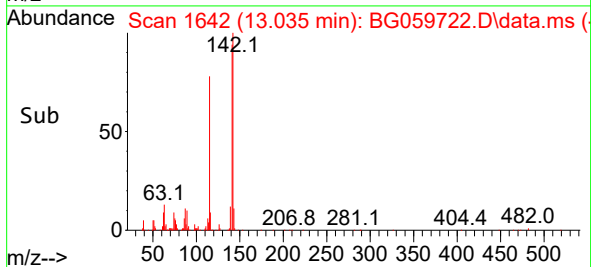
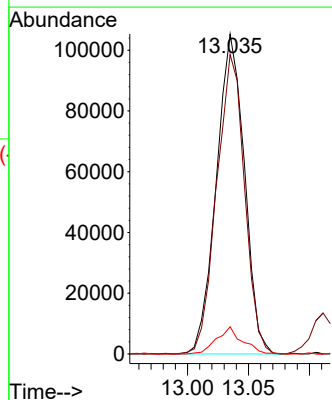
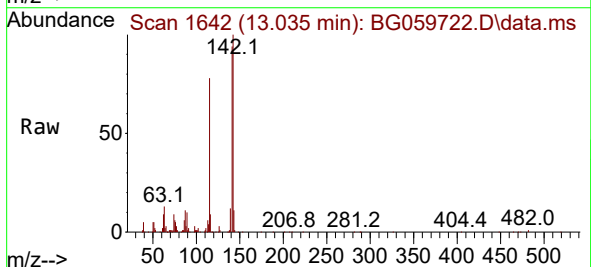
Tgt Ion:142 Resp: 168553

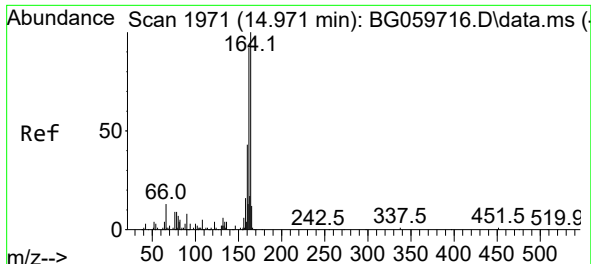
Ion Ratio Lower Upper

142 100

141 93.6 77.8 116.8

116 8.5 6.2 9.2

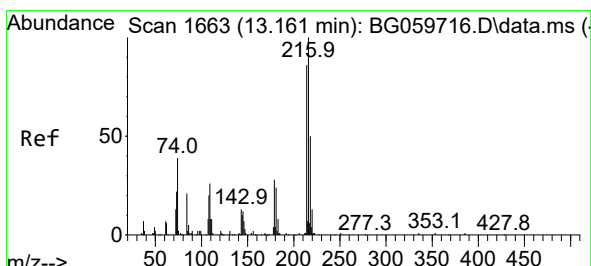
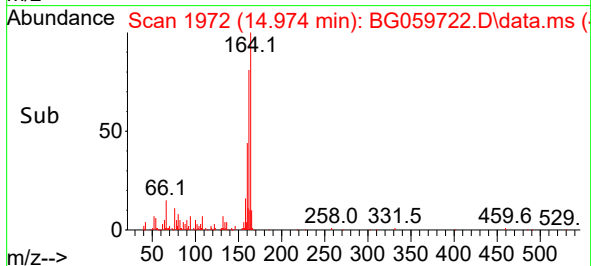
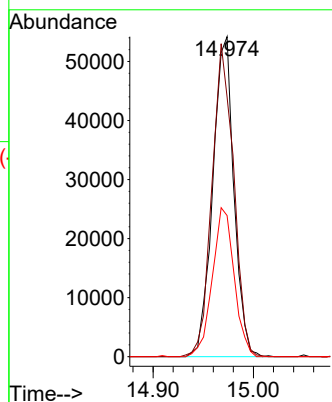
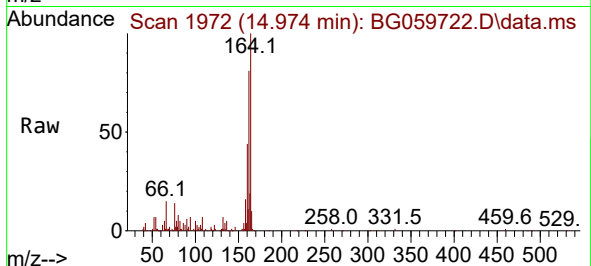




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1972
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

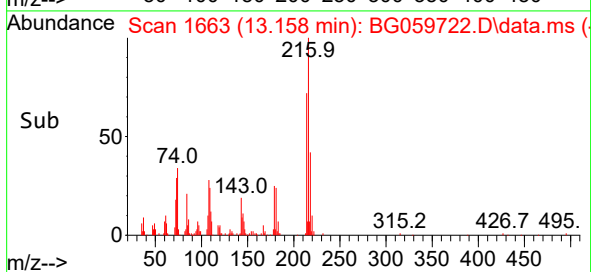
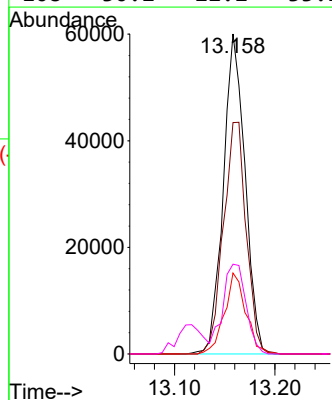
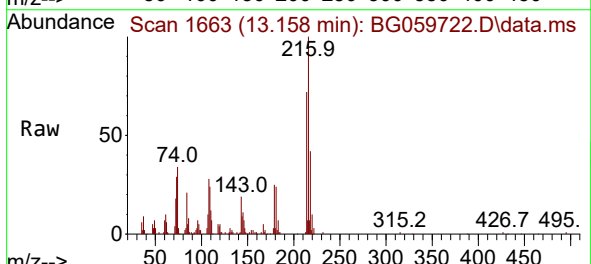
Instrument :
BNA_G
ClientSampleId :
PB157140BS

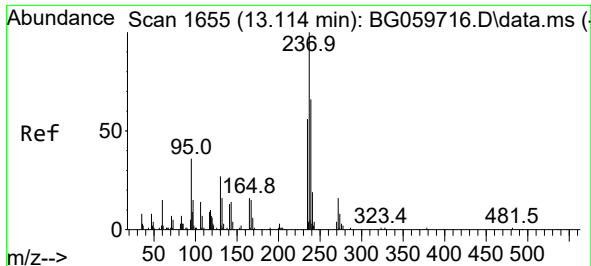
Tgt Ion:164 Resp: 79180
Ion Ratio Lower Upper
164 100
162 81.2 73.3 109.9
160 44.1 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.029 ng
RT: 13.158 min Scan# 1663
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:216 Resp: 89875
Ion Ratio Lower Upper
216 100
214 76.1 61.0 91.4
179 25.0 20.2 30.2
108 30.2 22.2 33.2

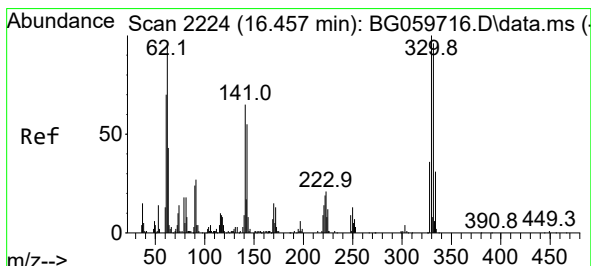
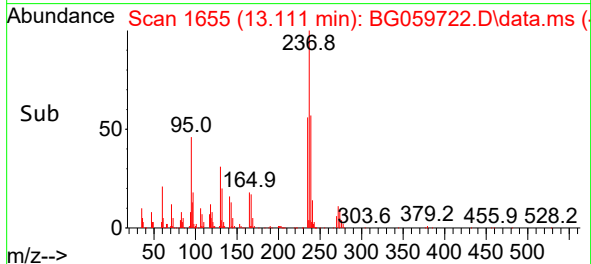
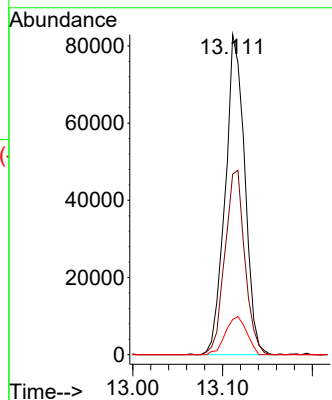
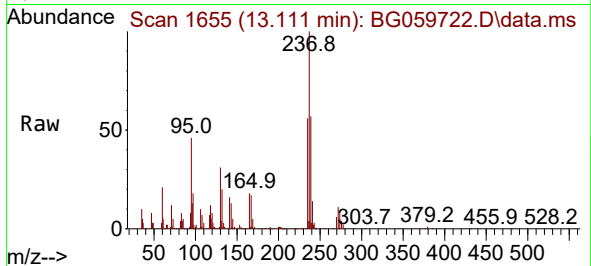




#41
Hexachlorocyclopentadiene
Concen: 93.215 ng
RT: 13.111 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

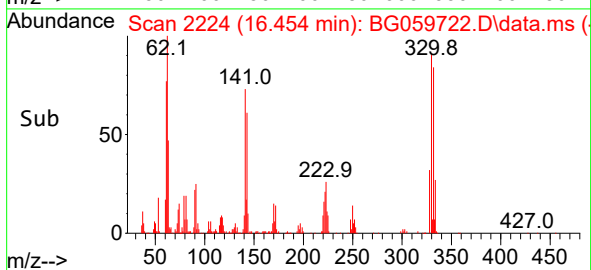
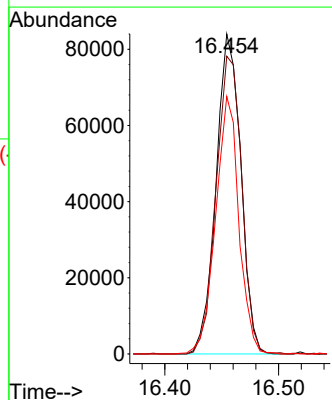
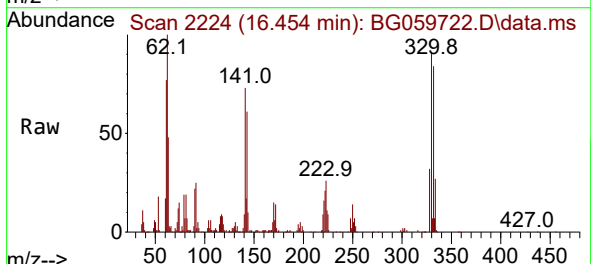
Instrument :
BNA_G
ClientSampleId :
PB157140BS

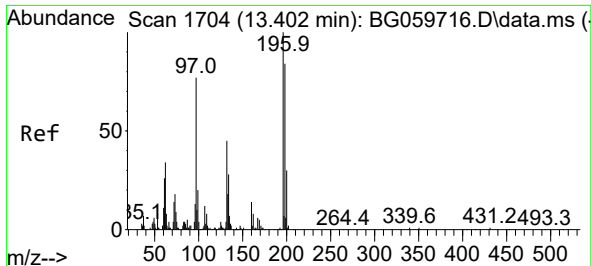
Tgt Ion:237 Resp: 125034
Ion Ratio Lower Upper
237 100
235 56.5 36.0 76.0
272 11.0 0.0 36.5



#42
2,4,6-Tribromophenol
Concen: 141.261 ng
RT: 16.454 min Scan# 2224
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:330 Resp: 126908
Ion Ratio Lower Upper
330 100
332 96.5 73.3 109.9
141 76.0 52.1 78.1

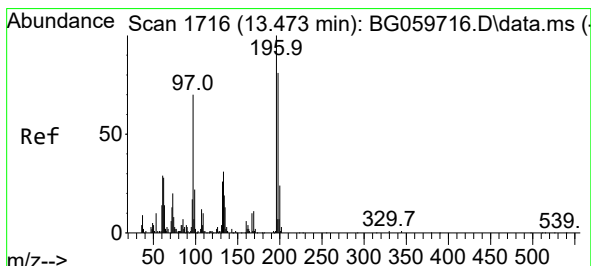
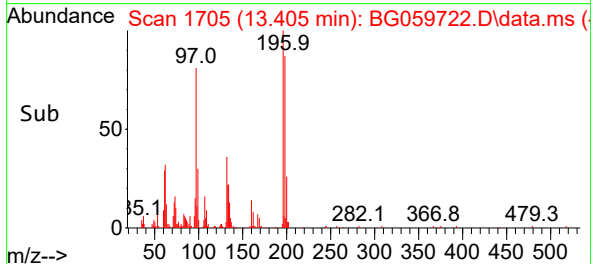
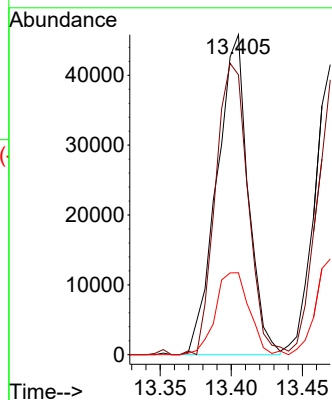
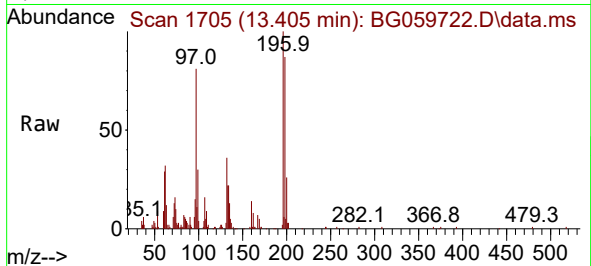




#43
2,4,6-Trichlorophenol
Concen: 47.372 ng
RT: 13.405 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

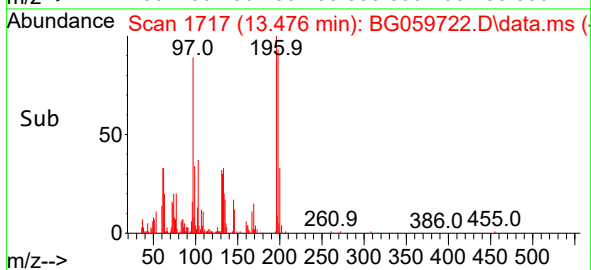
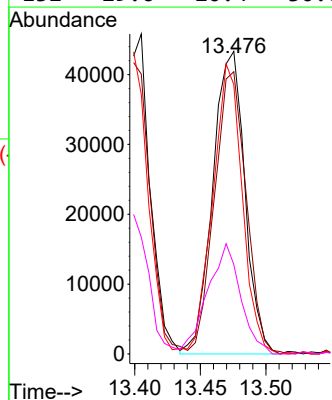
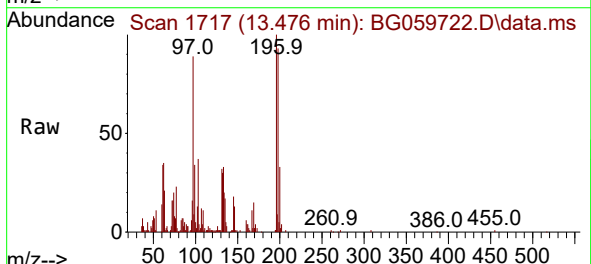
Instrument :
BNA_G
ClientSampleId :
PB157140BS

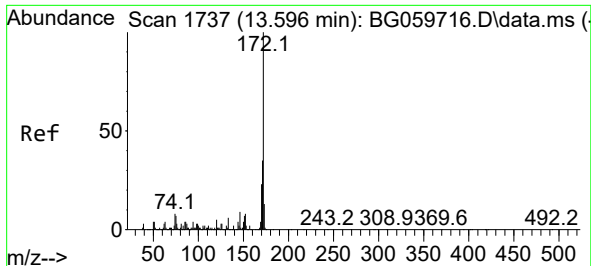
Tgt Ion:196 Resp: 70443
Ion Ratio Lower Upper
196 100
198 87.5 67.6 101.4
200 25.6 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 42.168 ng
RT: 13.476 min Scan# 1717
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:196 Resp: 73678
Ion Ratio Lower Upper
196 100
198 93.3 66.7 100.1
97 89.0 55.9 83.9#
132 29.6 20.4 30.6

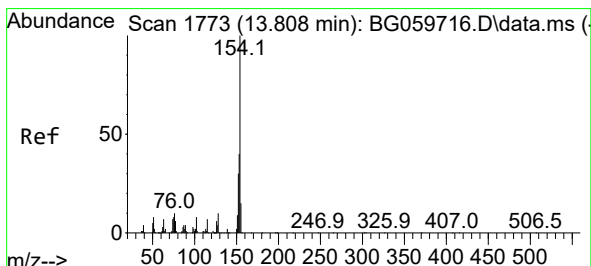
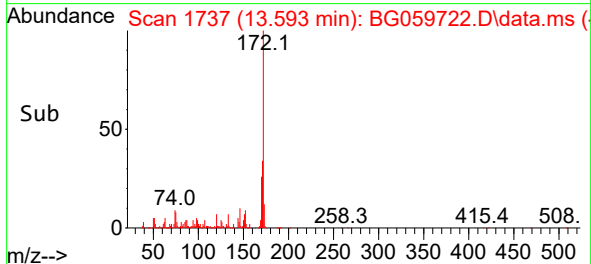
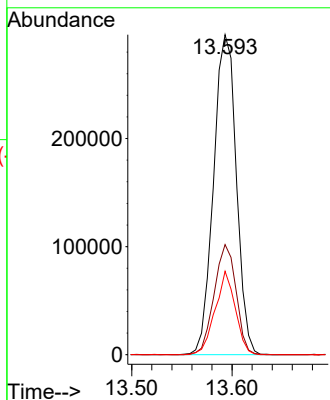
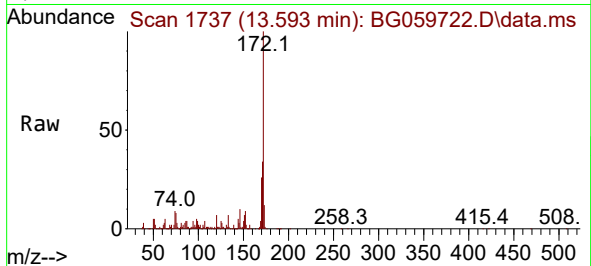




#45
2-Fluorobiphenyl
Concen: 79.159 ng
RT: 13.593 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

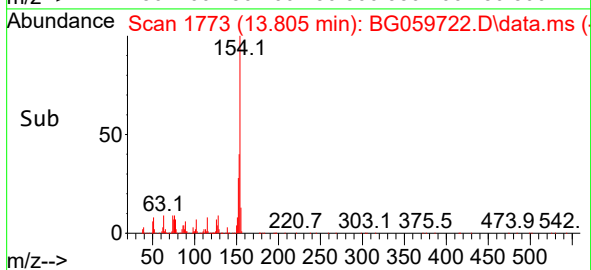
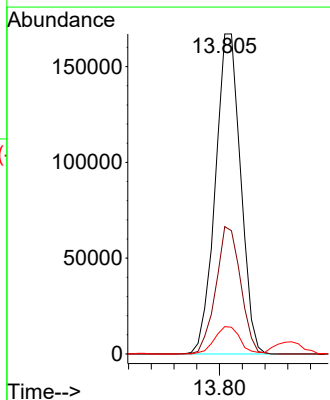
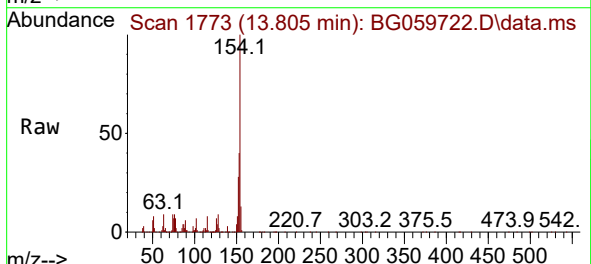
Instrument :
BNA_G
ClientSampleId :
PB157140BS

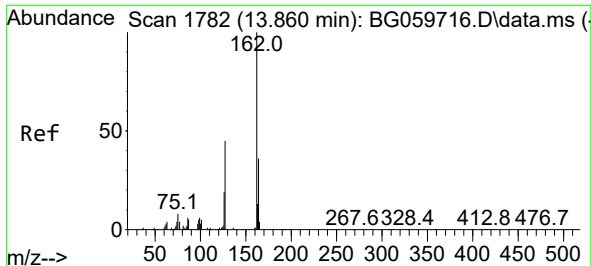
Tgt Ion:172 Resp: 465647
Ion Ratio Lower Upper
172 100
171 34.4 27.7 41.5
170 26.1 18.4 27.6



#46
1,1'-Biphenyl
Concen: 41.473 ng
RT: 13.805 min Scan# 1773
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:154 Resp: 257752
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 8.6 0.0 30.4

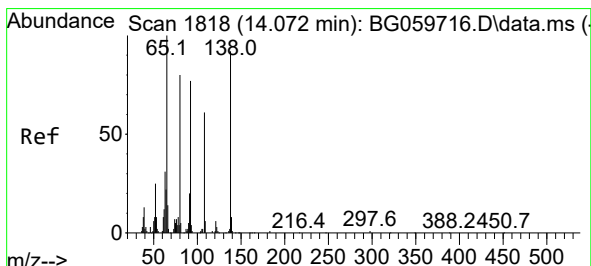
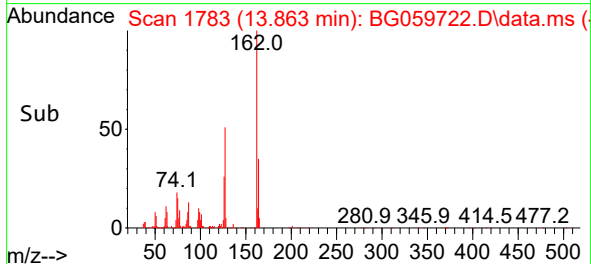
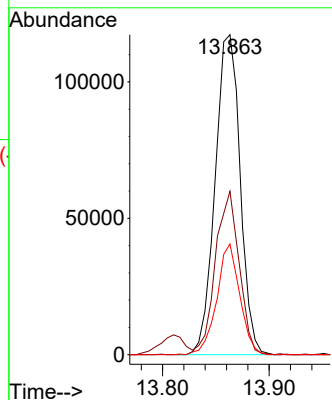
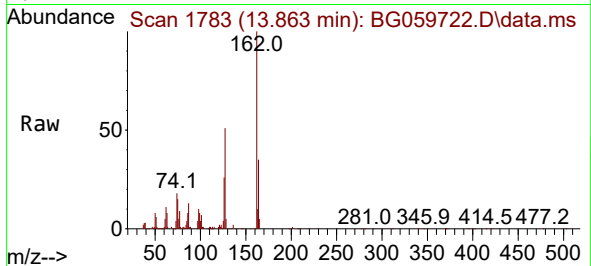




#47
2-Chloronaphthalene
Concen: 44.734 ng
RT: 13.863 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

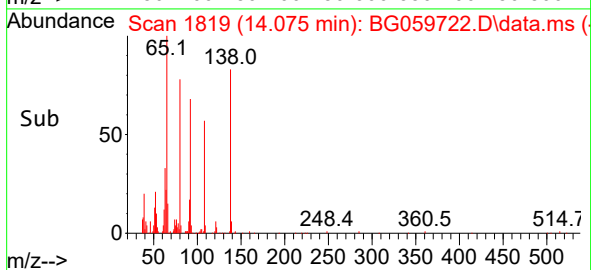
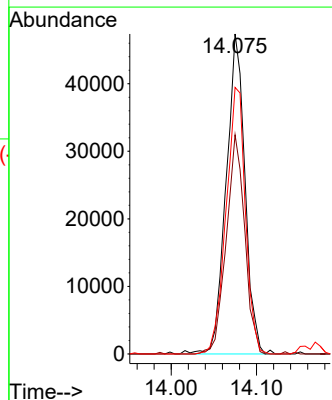
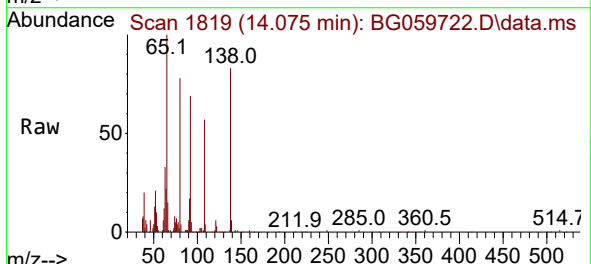
Instrument :
BNA_G
ClientSampleId :
PB157140BS

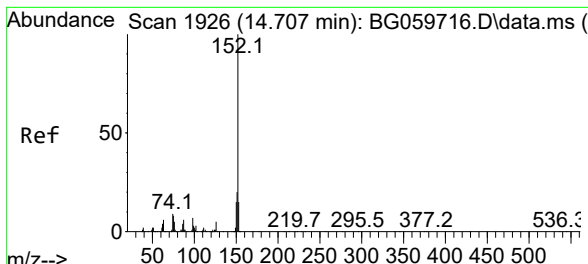
Tgt Ion:162 Resp: 191035
Ion Ratio Lower Upper
162 100
127 51.1 41.0 61.6
164 34.6 28.9 43.3



#48
2-Nitroaniline
Concen: 47.763 ng
RT: 14.075 min Scan# 1819
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion: 65 Resp: 72823
Ion Ratio Lower Upper
65 100
92 68.5 61.2 91.8
138 83.3 73.8 110.6

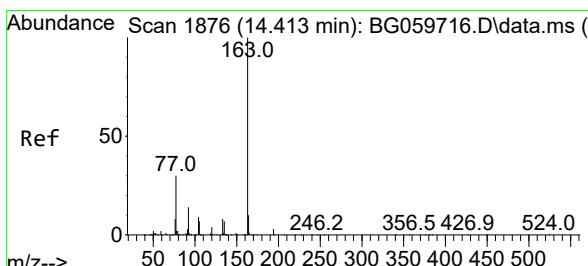
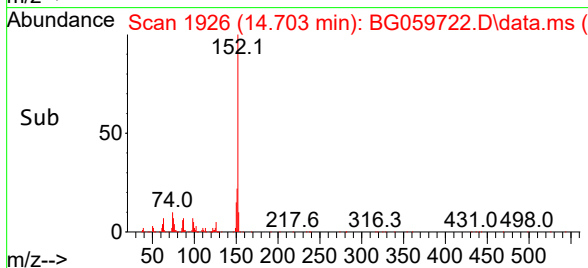
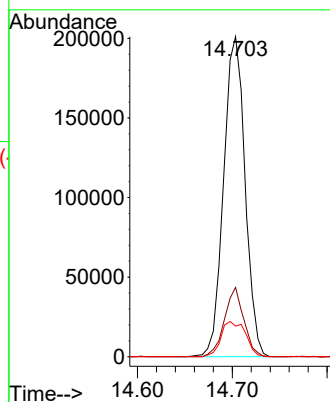
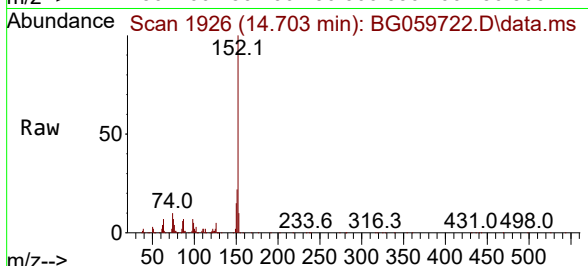




#49
Acenaphthylene
Concen: 43.400 ng
RT: 14.703 min Scan# 1926
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

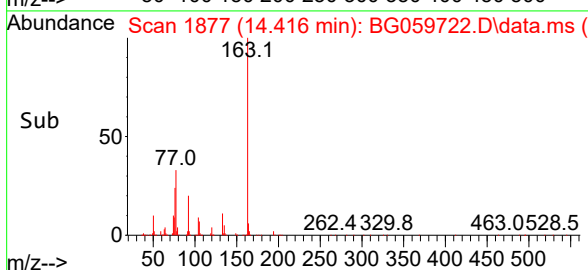
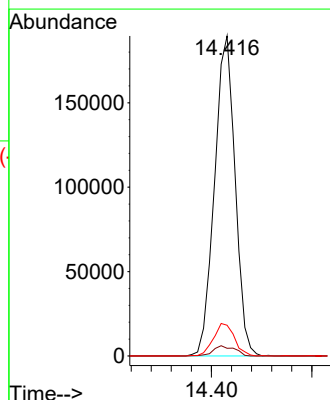
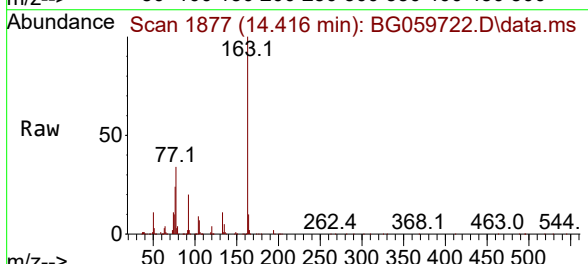
Instrument :
BNA_G
ClientSampleId :
PB157140BS

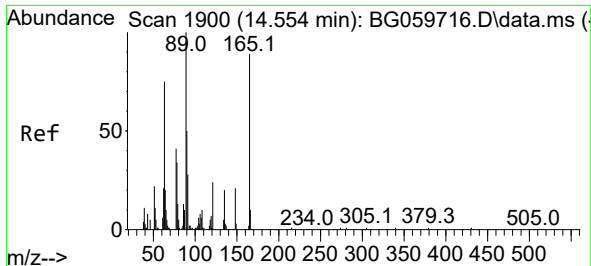
Tgt Ion:152 Resp: 316018
Ion Ratio Lower Upper
152 100
151 21.6 15.8 23.8
153 9.5 12.2 18.4#



#50
Dimethylphthalate
Concen: 43.948 ng
RT: 14.416 min Scan# 1877
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:163 Resp: 269667
Ion Ratio Lower Upper
163 100
194 2.4 2.8 4.2#
164 9.6 8.2 12.2

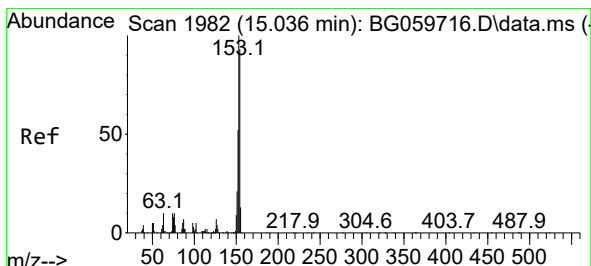
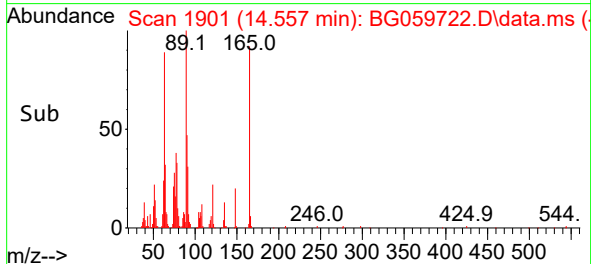
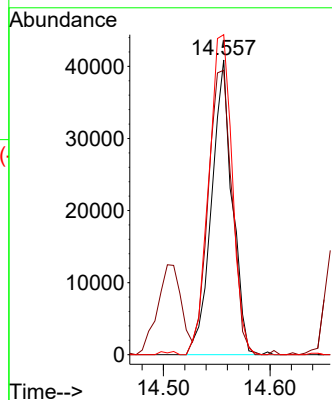
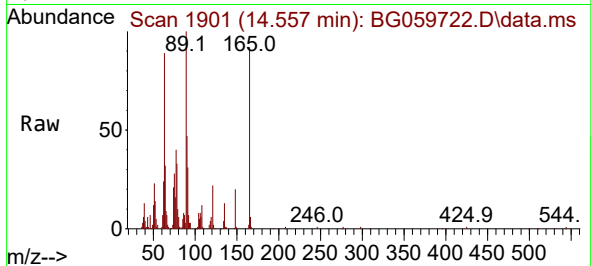




#51
2,6-Dinitrotoluene
Concen: 47.447 ng
RT: 14.557 min Scan# 1900
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

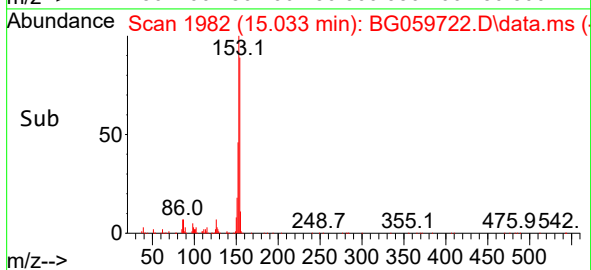
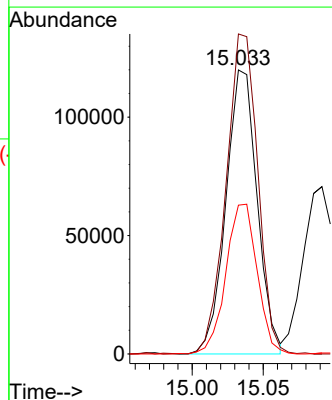
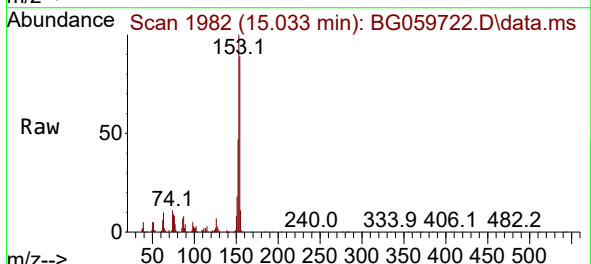
Instrument :
BNA_G
ClientSampleId :
PB157140BS

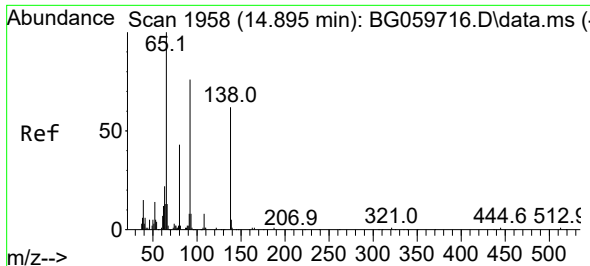
Tgt Ion:165 Resp: 55231
Ion Ratio Lower Upper
165 100
63 96.5 75.3 112.9
89 108.6 90.9 136.3



#52
Acenaphthene
Concen: 41.957 ng
RT: 15.033 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:154 Resp: 183734
Ion Ratio Lower Upper
154 100
153 112.7 85.8 128.8
152 52.4 44.4 66.6

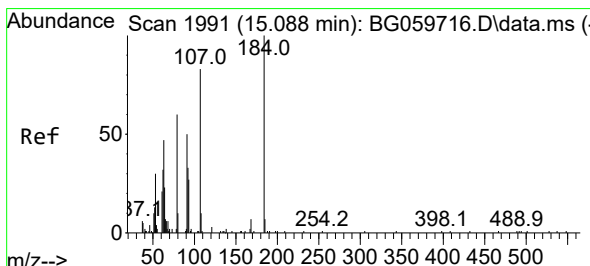
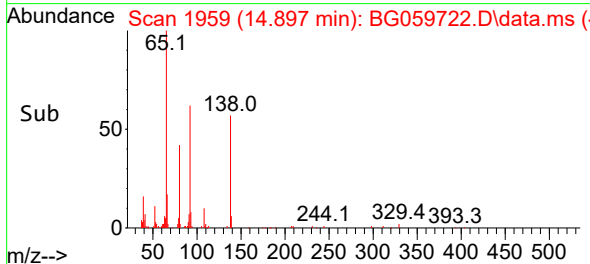
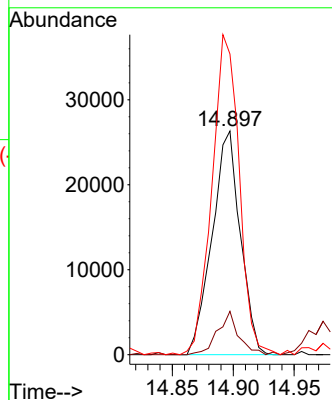
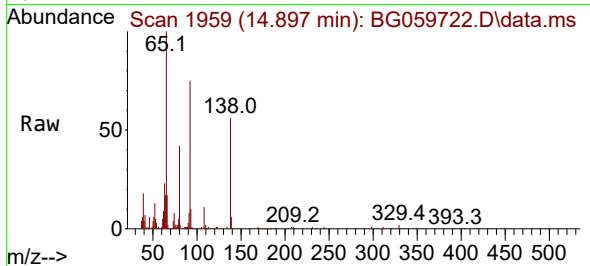




#53
3-Nitroaniline
Concen: 31.092 ng
RT: 14.897 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

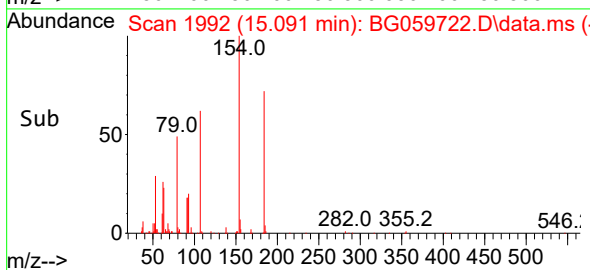
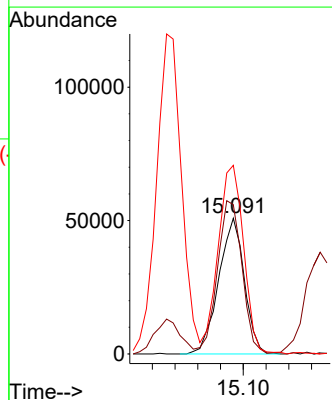
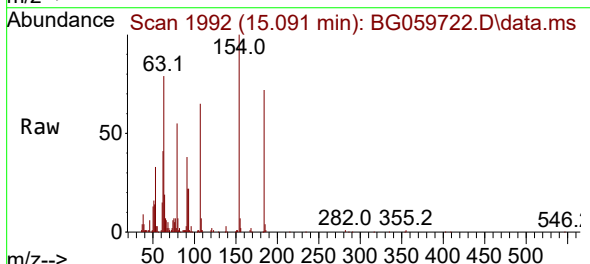
Instrument :
BNA_G
ClientSampleId :
PB157140BS

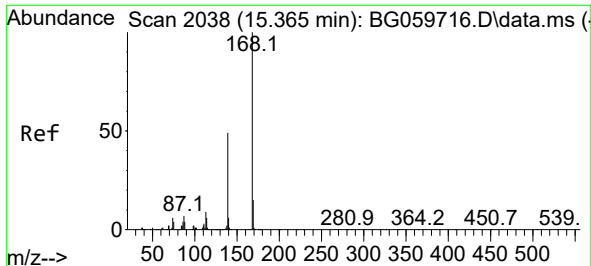
Tgt Ion:138 Resp: 42364
Ion Ratio Lower Upper
138 100
108 19.4 9.9 14.9#
92 134.4 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 92.033 ng
RT: 15.091 min Scan# 1992
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:184 Resp: 79608
Ion Ratio Lower Upper
184 100
63 110.1 58.3 87.5#
154 139.1 94.1 141.1

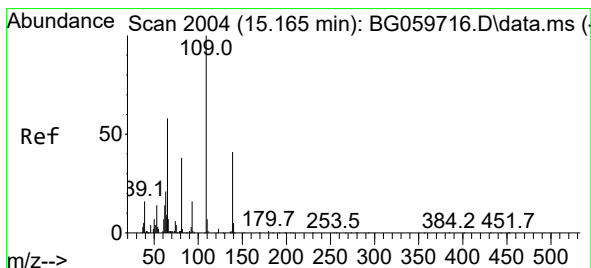
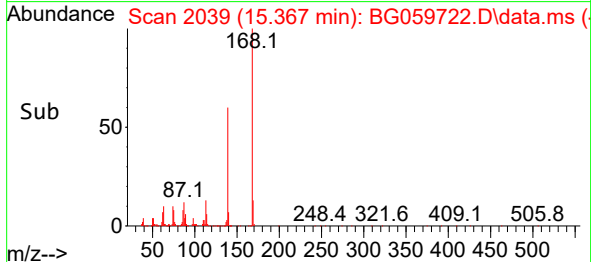
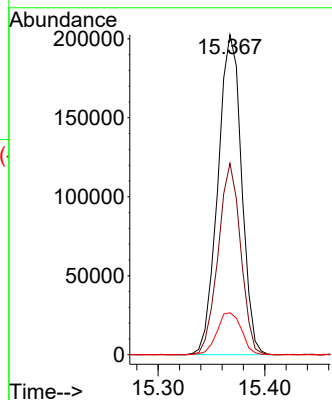
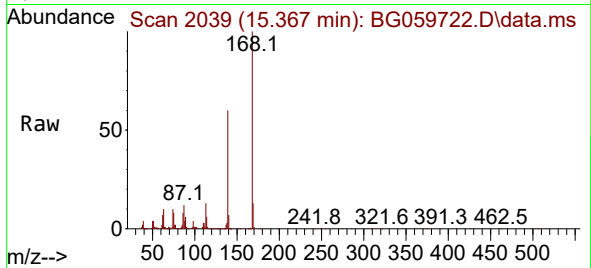




#55
Dibenzofuran
Concen: 43.207 ng
RT: 15.367 min Scan# 2038
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

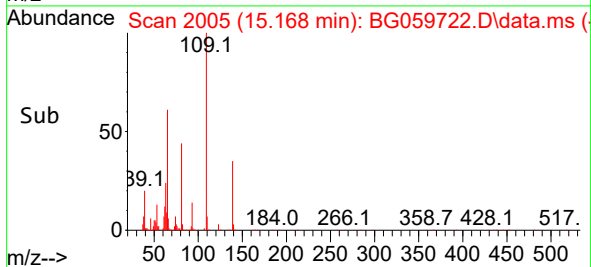
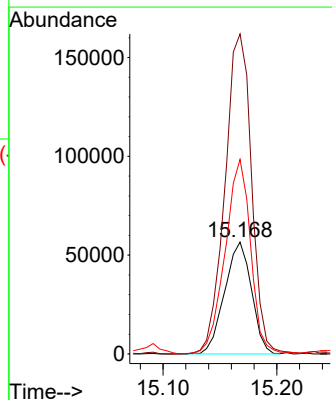
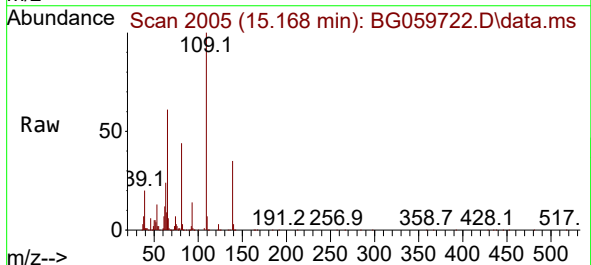
Instrument :
BNA_G
ClientSampleId :
PB157140BS

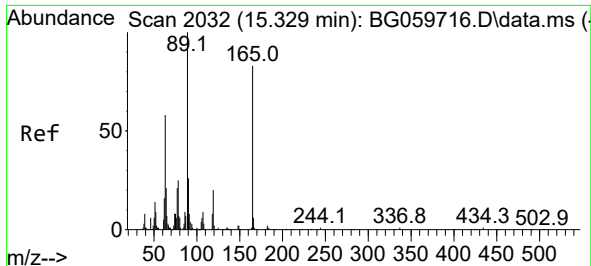
Tgt Ion:168 Resp: 311955
Ion Ratio Lower Upper
168 100
139 59.8 38.9 58.3#
169 13.1 11.8 17.8



#56
4-Nitrophenol
Concen: 89.110 ng
RT: 15.168 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:139 Resp: 92891
Ion Ratio Lower Upper
139 100
109 286.0 223.4 263.4#
65 174.0 120.6 160.6#





#57

2,4-Dinitrotoluene

Concen: 42.337 ng

RT: 15.332 min Scan# 2032

Delta R.T. 0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

Tgt Ion:165 Resp: 75789

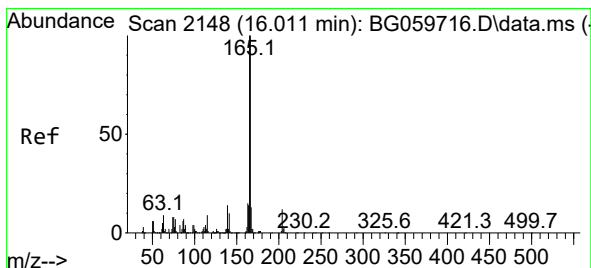
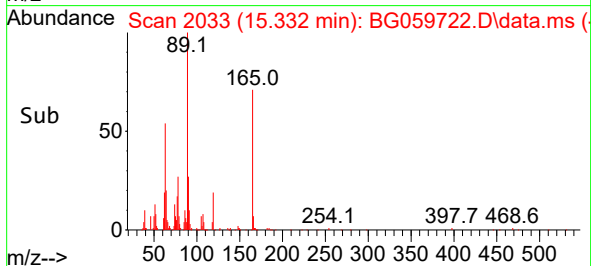
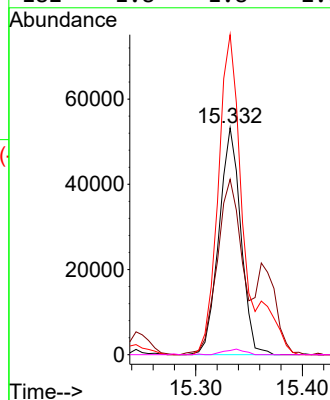
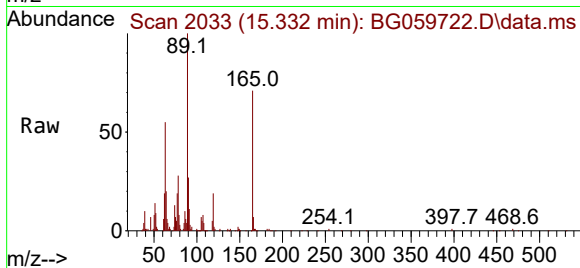
Ion Ratio Lower Upper

165 100

63 77.3 55.8 83.8

89 141.0 96.9 145.3

182 1.8 1.8 2.6



#58

Fluorene

Concen: 46.602 ng

RT: 16.014 min Scan# 2149

Delta R.T. 0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

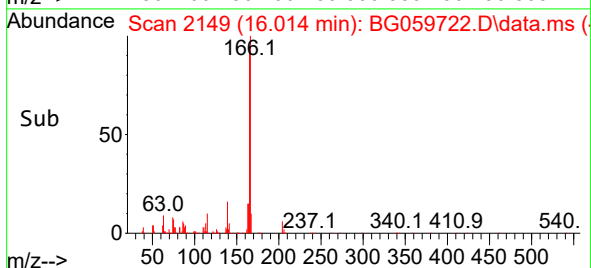
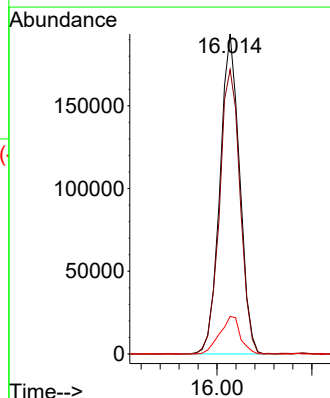
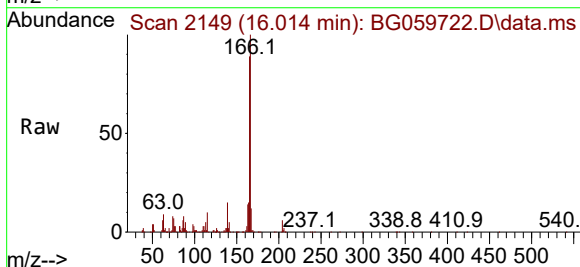
Tgt Ion:166 Resp: 279541

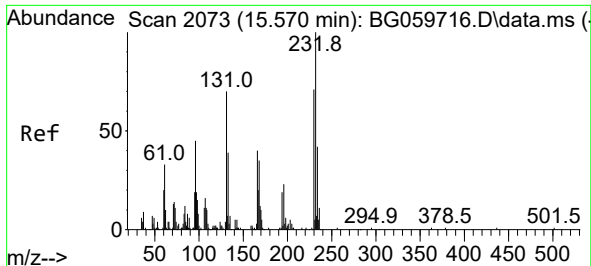
Ion Ratio Lower Upper

166 100

165 88.9 79.9 119.9

167 11.7 10.1 15.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.869 ng

RT: 15.491 min Scan# 2073

Delta R.T. -0.079 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

Tgt Ion:232 Resp: 71986

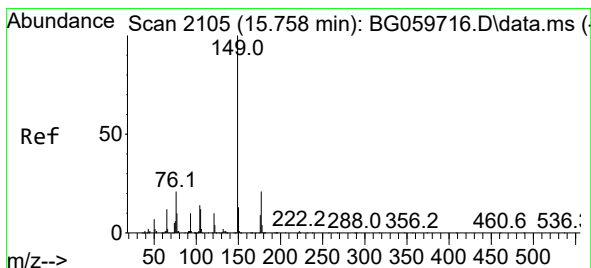
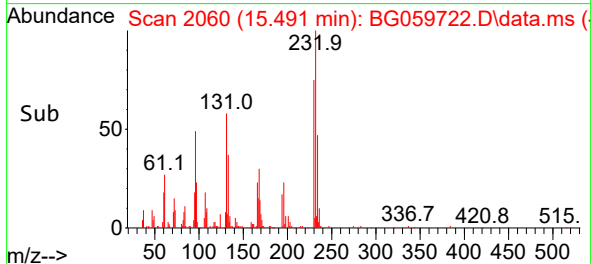
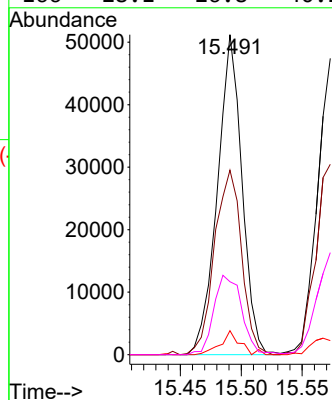
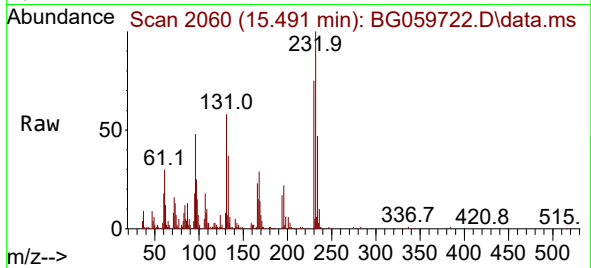
Ion Ratio Lower Upper

232 100

131 63.5 50.2 75.2

130 6.0 4.3 6.5

166 28.1 26.8 40.2



#60

Diethylphthalate

Concen: 46.351 ng

RT: 15.755 min Scan# 2105

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

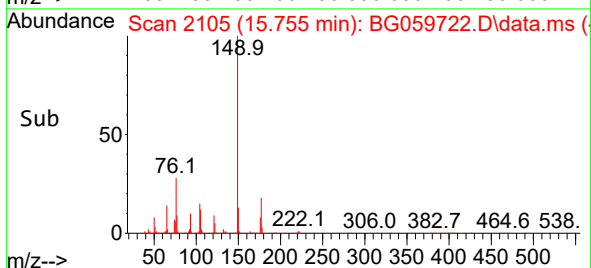
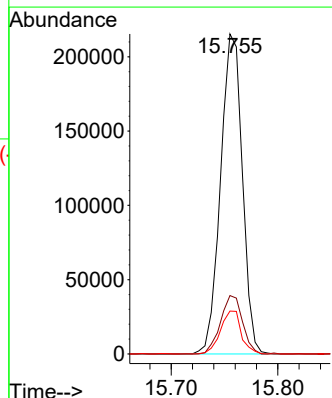
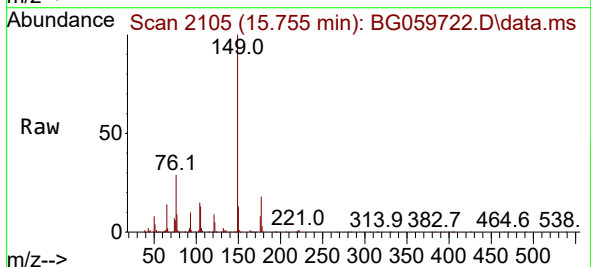
Tgt Ion:149 Resp: 305032

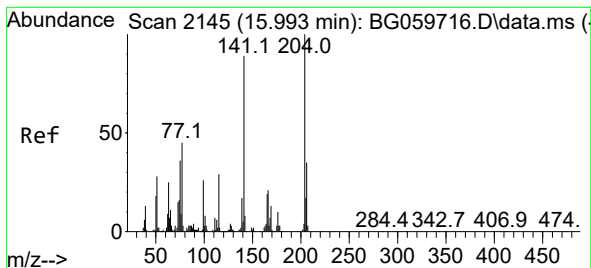
Ion Ratio Lower Upper

149 100

177 18.2 16.6 24.8

150 13.4 10.7 16.1

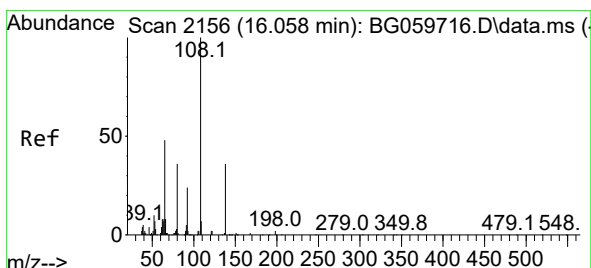
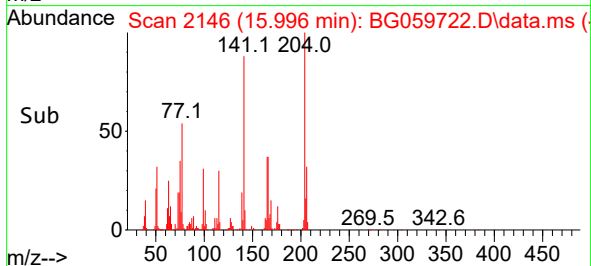
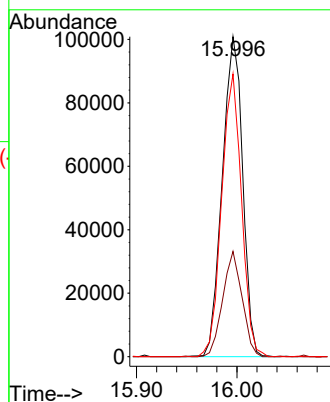
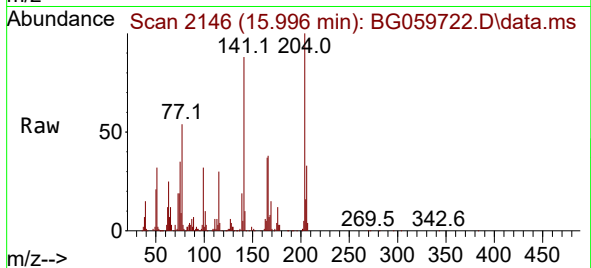




#61
4-Chlorophenyl-phenylether
Concen: 46.061 ng
RT: 15.996 min Scan# 2145
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

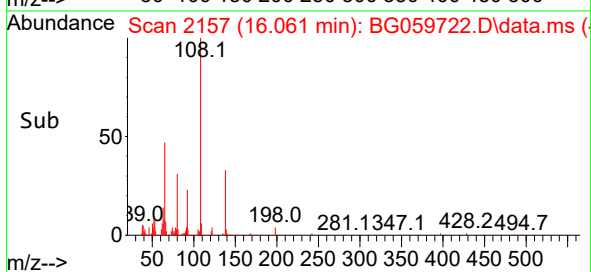
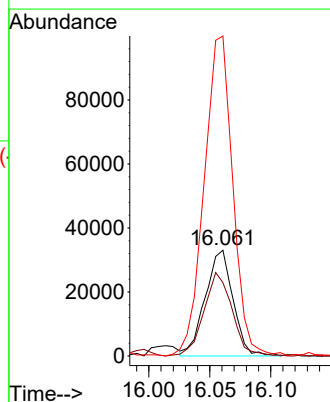
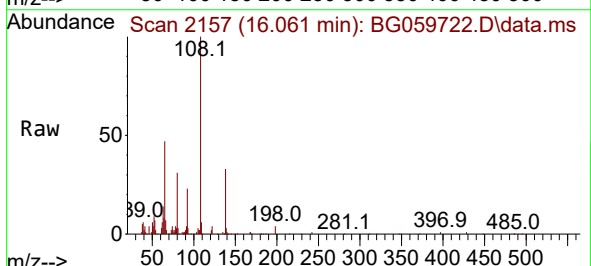
Instrument :
BNA_G
ClientSampleId :
PB157140BS

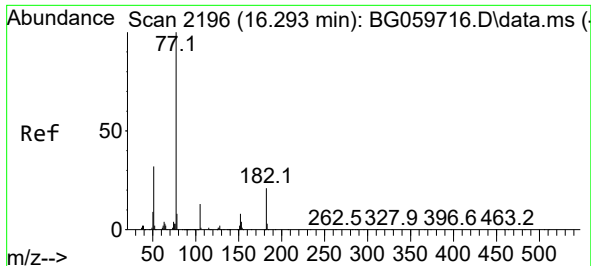
Tgt Ion:204 Resp: 142212
Ion Ratio Lower Upper
204 100
206 32.9 28.1 42.1
141 88.4 70.9 106.3



#62
4-Nitroaniline
Concen: 38.432 ng
RT: 16.061 min Scan# 2157
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:138 Resp: 52481
Ion Ratio Lower Upper
138 100
92 69.3 45.8 85.8
108 302.6 256.3 296.3#

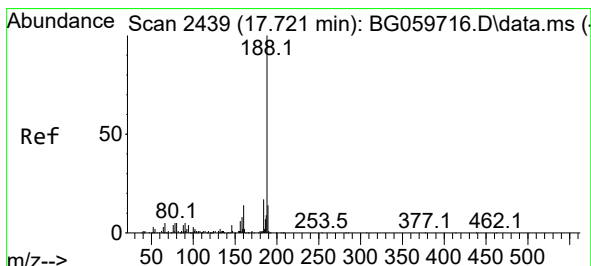
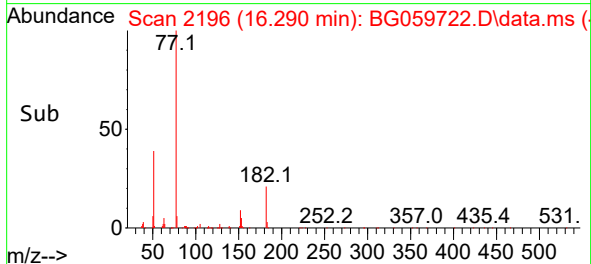
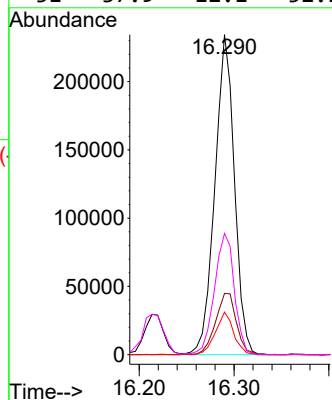
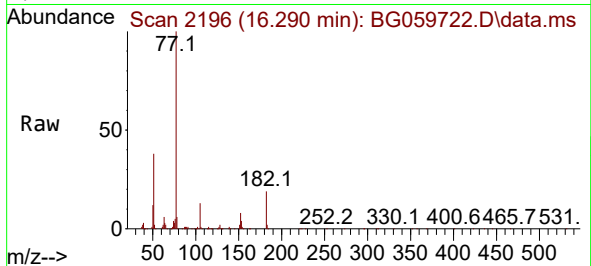




#63
Azobenzene
Concen: 45.940 ng
RT: 16.290 min Scan# 2196
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

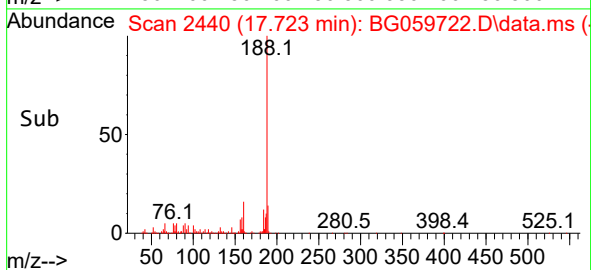
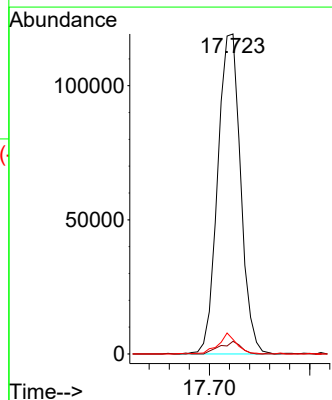
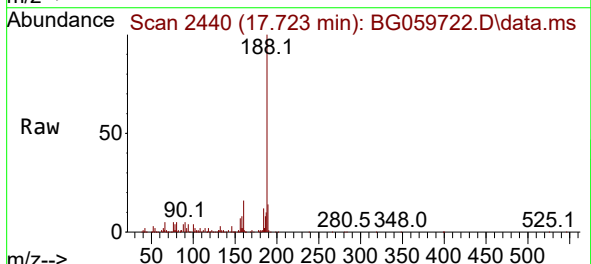
Instrument :
BNA_G
ClientSampleId :
PB157140BS

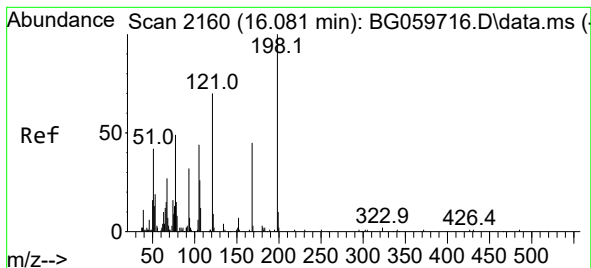
Tgt Ion: 77	Resp: 335970
Ion Ratio	Lower Upper
77 100	
182 19.2	1.1 41.1
105 13.3	0.0 33.0
51 37.9	12.1 52.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.723 min Scan# 2440
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:188	Resp: 188568
Ion Ratio	Lower Upper
188 100	
94 3.9	3.0 4.4
80 4.5	4.2 6.4

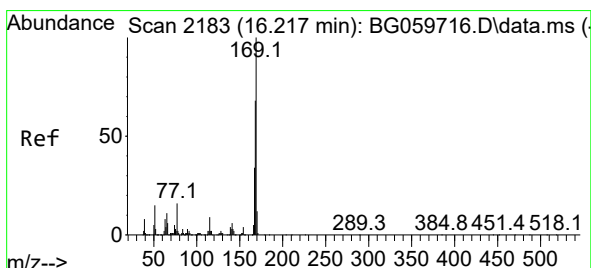
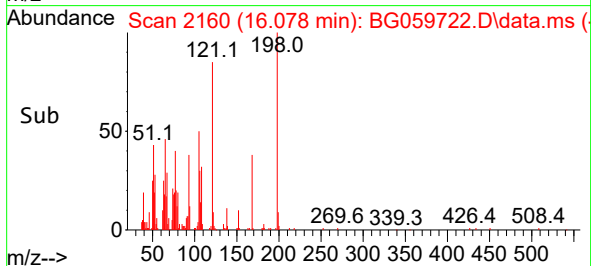
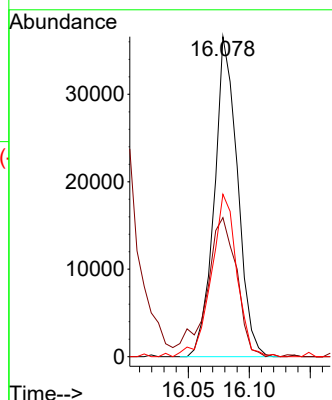
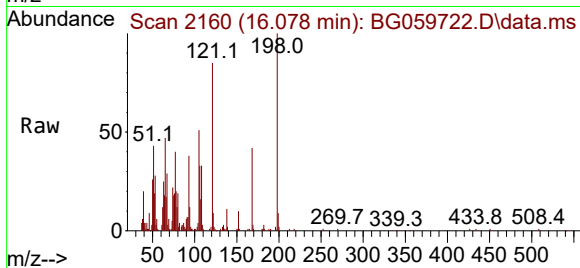




#65
4,6-Dinitro-2-methylphenol
Concen: 42.015 ng
RT: 16.078 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

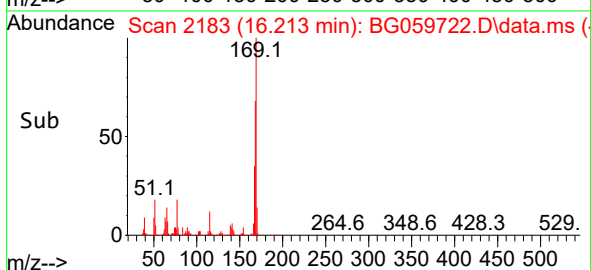
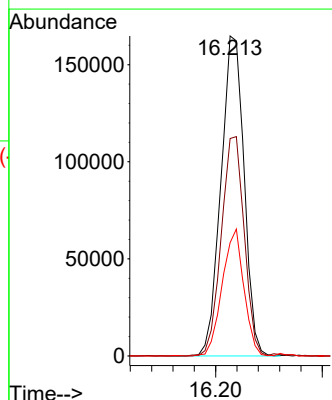
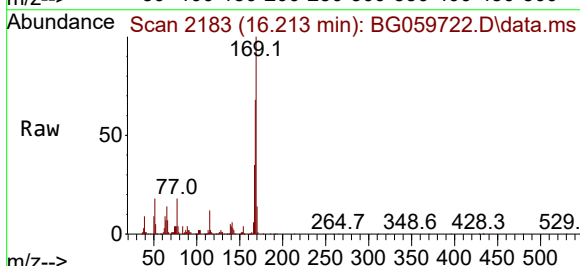
Instrument :
BNA_G
ClientSampleId :
PB157140BS

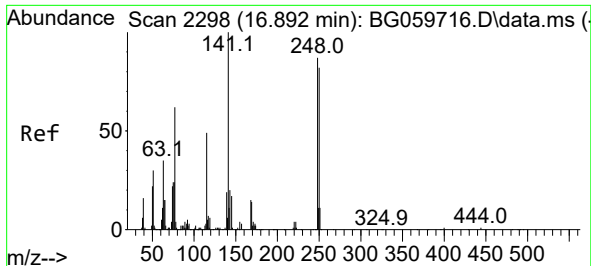
Tgt Ion:198 Resp: 48418
Ion Ratio Lower Upper
198 100
51 43.4 23.0 63.0
105 50.8 24.0 64.0



#66
n-Nitrosodiphenylamine
Concen: 45.047 ng
RT: 16.213 min Scan# 2183
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:169 Resp: 248137
Ion Ratio Lower Upper
169 100
168 68.0 54.5 81.7
167 35.4 27.8 41.6

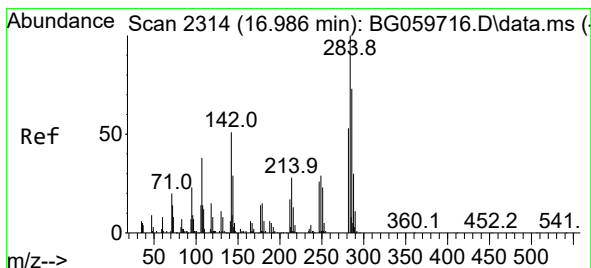
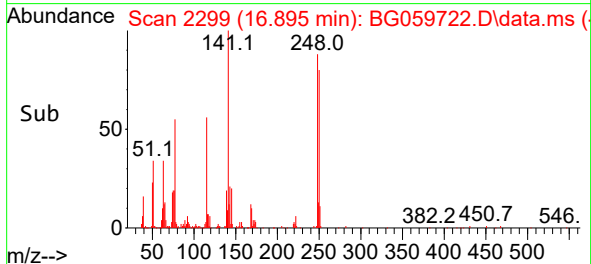
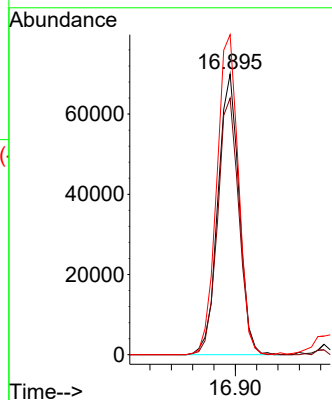
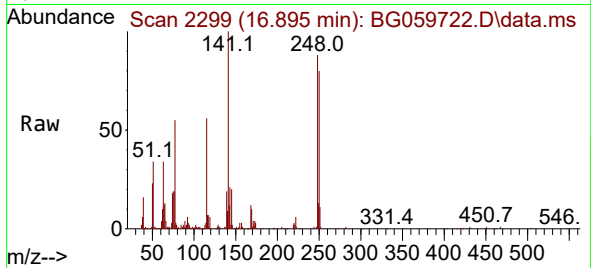




#67
4-Bromophenyl-phenylether
Concen: 47.389 ng
RT: 16.895 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

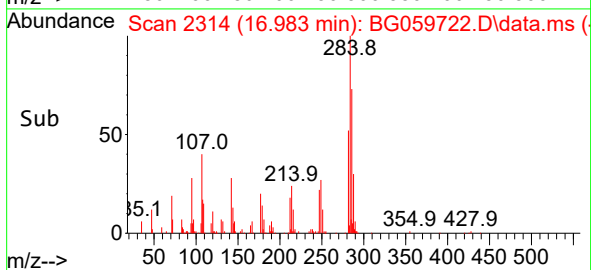
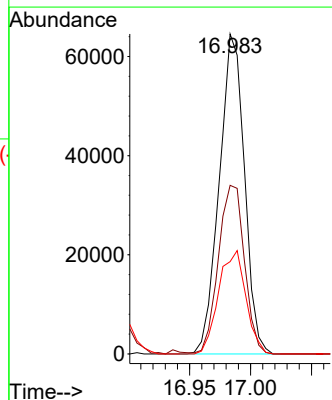
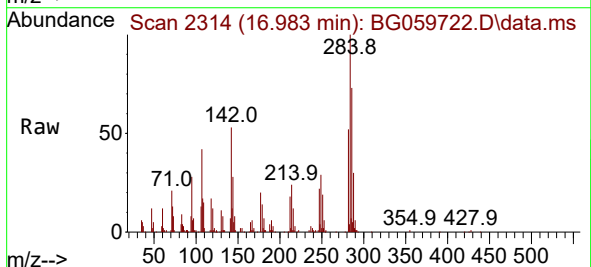
Instrument :
BNA_G
ClientSampleId :
PB157140BS

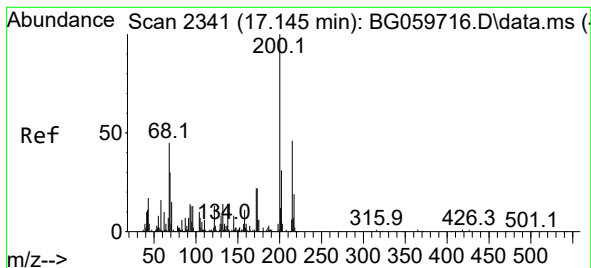
Tgt Ion:248 Resp: 95999
Ion Ratio Lower Upper
248 100
250 91.4 75.2 112.8
141 114.0 91.5 137.3



#68
Hexachlorobenzene
Concen: 49.058 ng
RT: 16.983 min Scan# 2314
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:284 Resp: 92755
Ion Ratio Lower Upper
284 100
142 52.7 41.0 61.6
249 28.9 24.2 36.4





#69

Atrazine

Concen: 55.791 ng

RT: 17.148 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

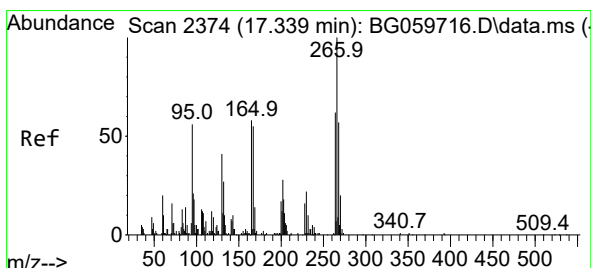
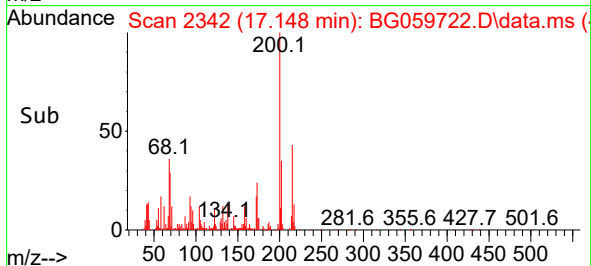
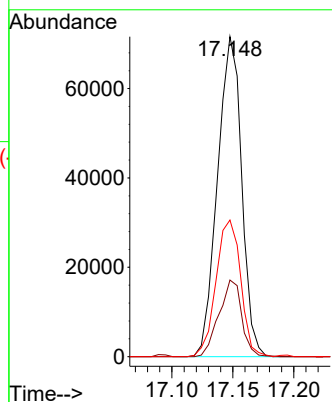
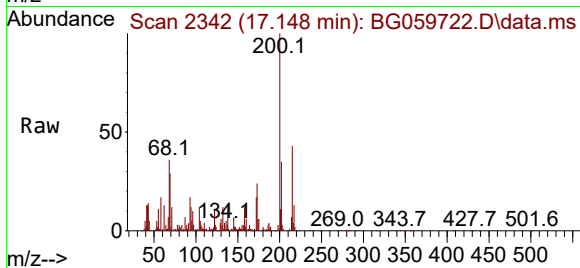
Tgt Ion:200 Resp: 98532

Ion Ratio Lower Upper

200 100

173 23.9 2.3 42.3

215 42.7 25.6 65.6



#70

Pentachlorophenol

Concen: 73.523 ng

RT: 17.342 min Scan# 2375

Delta R.T. 0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

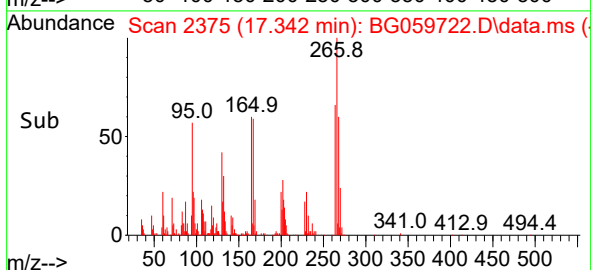
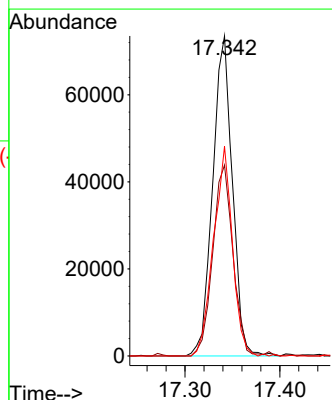
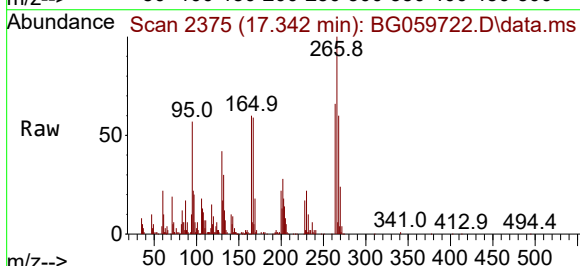
Tgt Ion:266 Resp: 106055

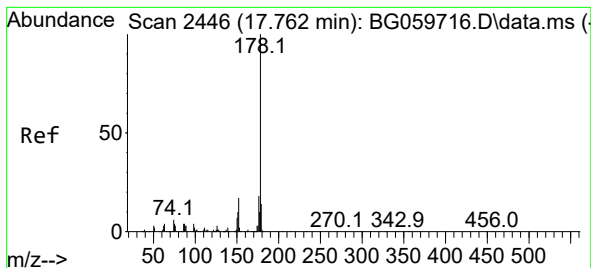
Ion Ratio Lower Upper

266 100

268 59.6 45.7 68.5

264 65.5 49.8 74.8





#71

Phenanthrene

Concen: 44.478 ng

RT: 17.765 min Scan# 2446

Delta R.T. 0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

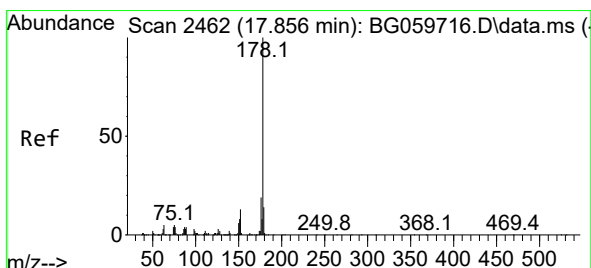
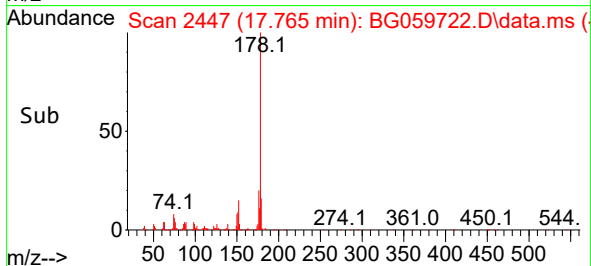
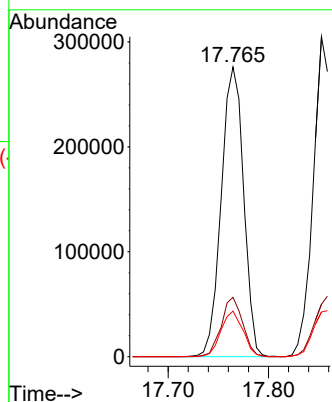
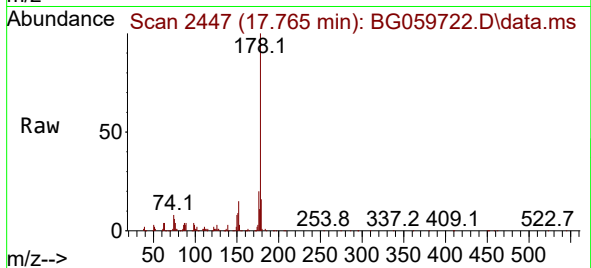
Tgt Ion:178 Resp: 426420

Ion Ratio Lower Upper

178 100

176 20.5 14.5 21.7

179 15.7 11.2 16.8



#72

Anthracene

Concen: 43.736 ng

RT: 17.853 min Scan# 2462

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

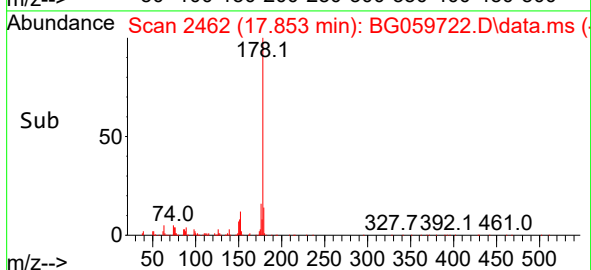
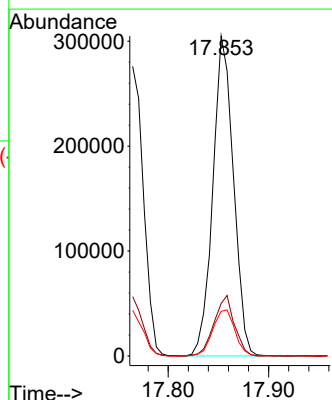
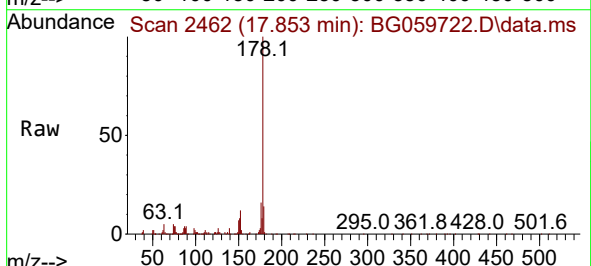
Tgt Ion:178 Resp: 435665

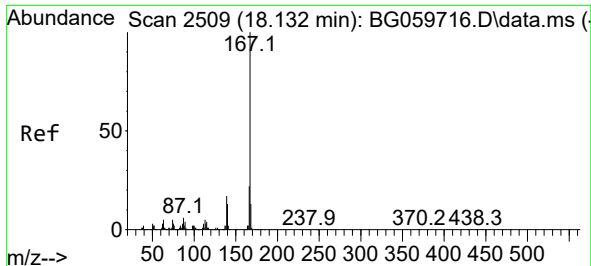
Ion Ratio Lower Upper

178 100

176 16.4 15.0 22.4

179 13.9 11.5 17.3

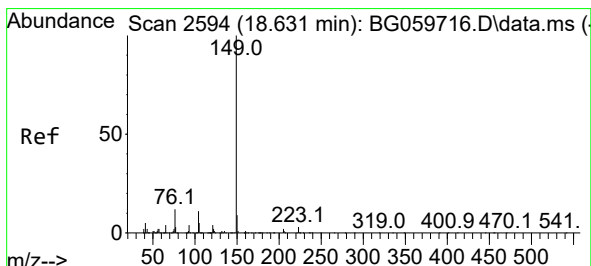
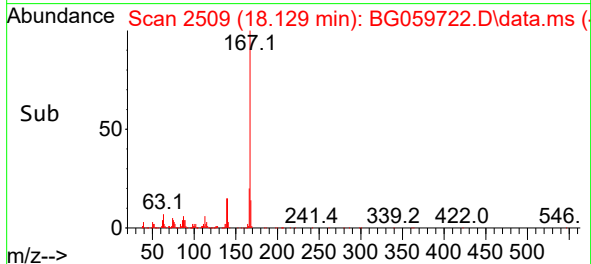
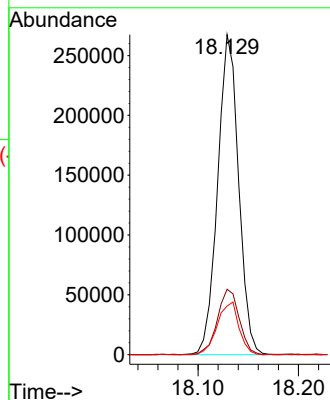
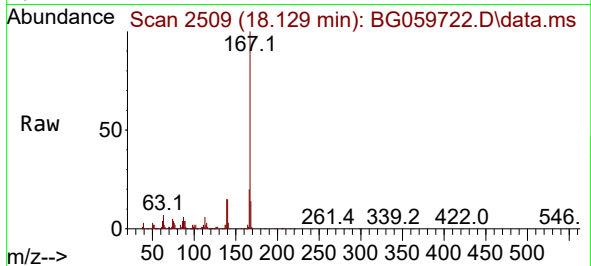




#73
 Carbazole
 Concen: 44.466 ng
 RT: 18.129 min Scan# 2509
 Delta R.T. -0.003 min
 Lab File: BG059722.D
 Acq: 16 Nov 2023 17:35

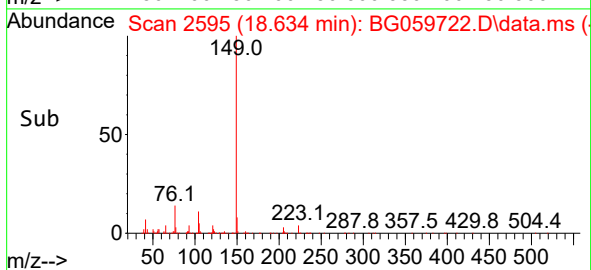
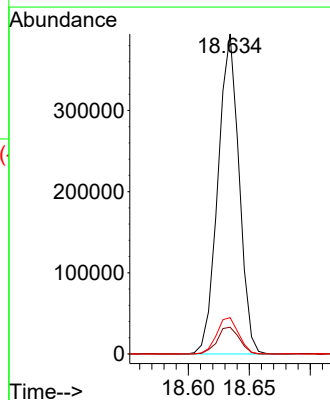
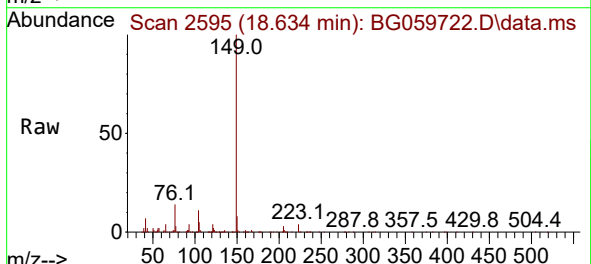
Instrument :
 BNA_G
 ClientSampleId :
 PB157140BS

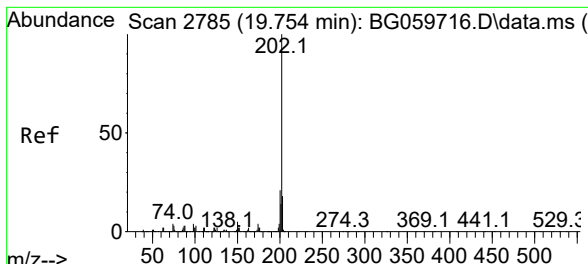
Tgt Ion:167 Resp: 386957
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.4 26.0
 139 15.2 13.2 19.8



#74
 Di-n-butylphthalate
 Concen: 45.188 ng
 RT: 18.634 min Scan# 2595
 Delta R.T. 0.003 min
 Lab File: BG059722.D
 Acq: 16 Nov 2023 17:35

Tgt Ion:149 Resp: 475339
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.5 11.3
 104 11.3 8.6 12.8

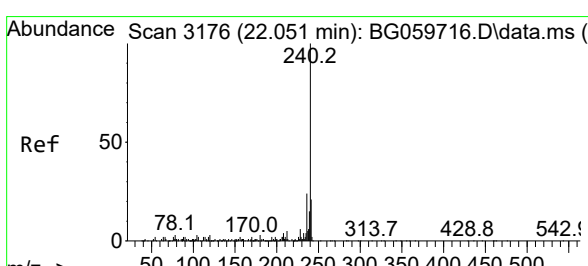
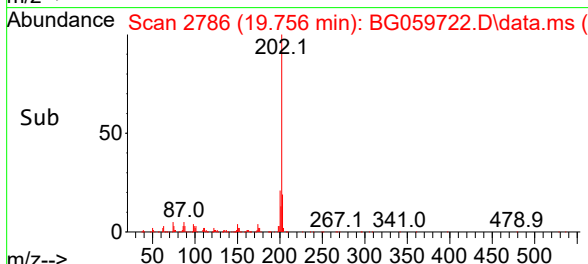
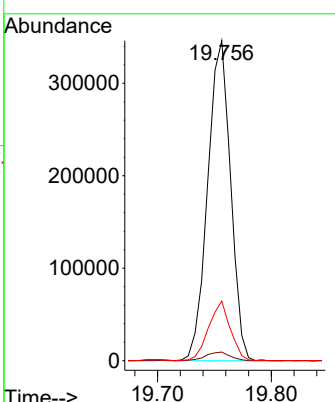
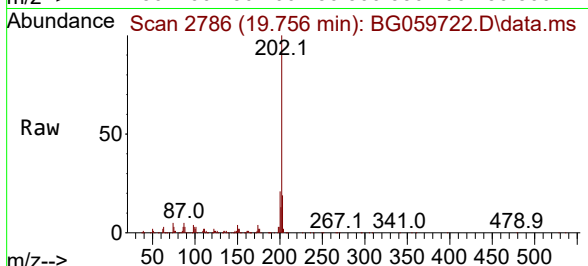




#75
 Fluoranthene
 Concen: 41.919 ng
 RT: 19.756 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG059722.D
 Acq: 16 Nov 2023 17:35

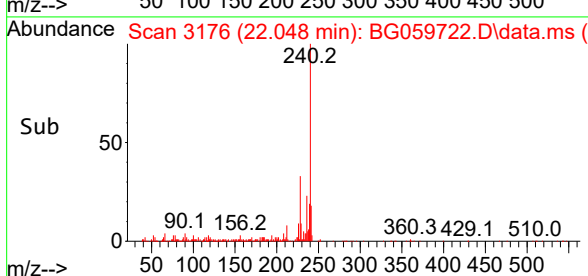
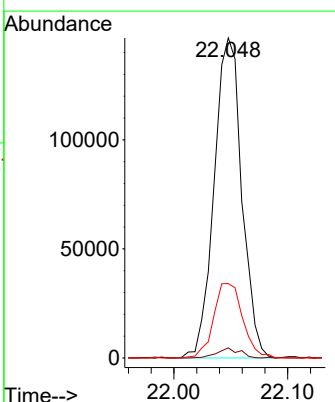
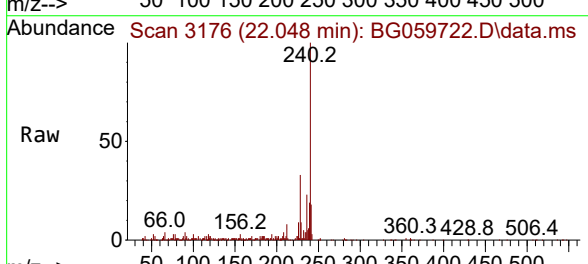
Instrument :
 BNA_G
 ClientSampleId :
 PB157140BS

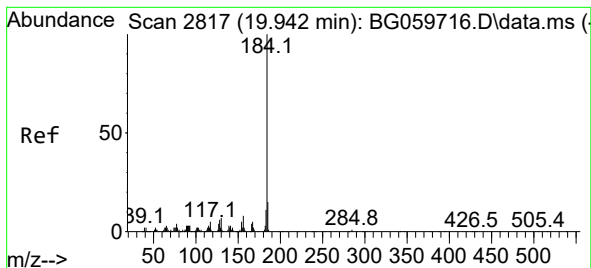
Tgt Ion:	202	Resp:	481959
Ion	Ratio	Lower	Upper
202	100		
101	2.7	0.0	22.7
203	18.6	0.0	38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.048 min Scan# 3176
 Delta R.T. -0.003 min
 Lab File: BG059722.D
 Acq: 16 Nov 2023 17:35

Tgt Ion:	240	Resp:	247840
Ion	Ratio	Lower	Upper
240	100		
120	3.2	2.2	3.2
236	23.3	19.4	29.2





#77

Benzidine

Concen: 15.709 ng

RT: 19.944 min Scan# 2818

Delta R.T. 0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

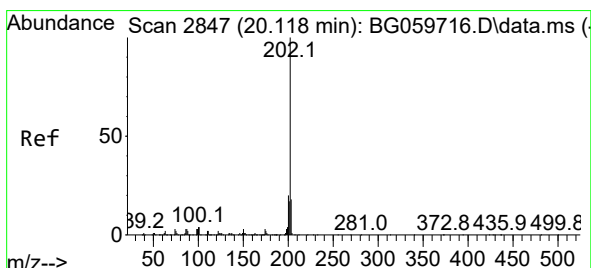
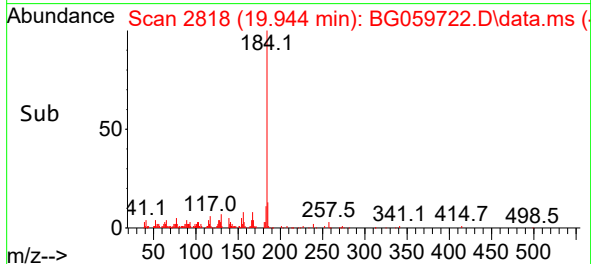
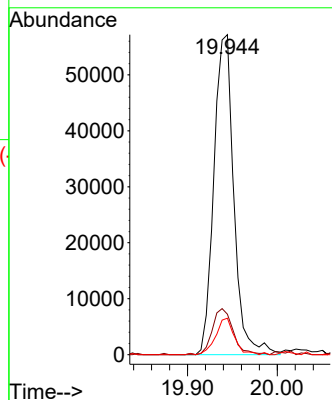
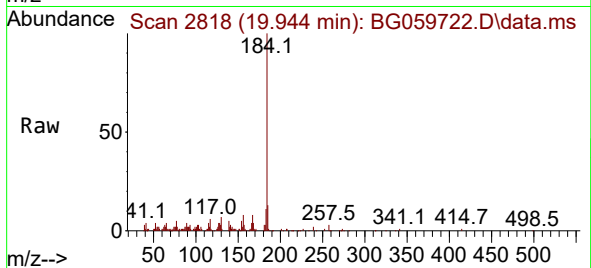
Tgt Ion:184 Resp: 88282

Ion Ratio Lower Upper

184 100

185 12.7 12.2 18.2

183 11.4 8.8 13.2



#78

Pyrene

Concen: 28.182 ng

RT: 20.115 min Scan# 2847

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

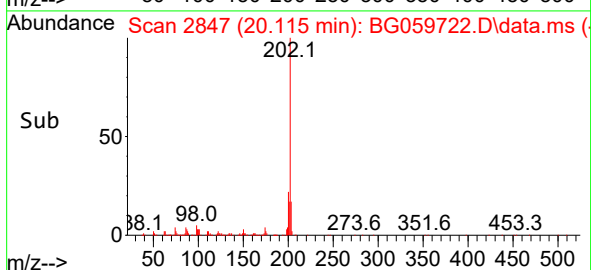
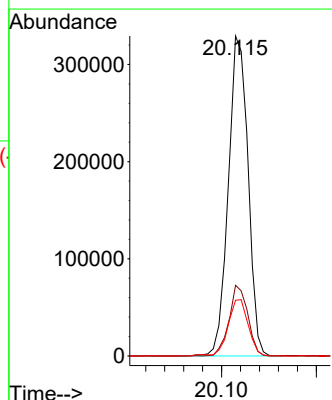
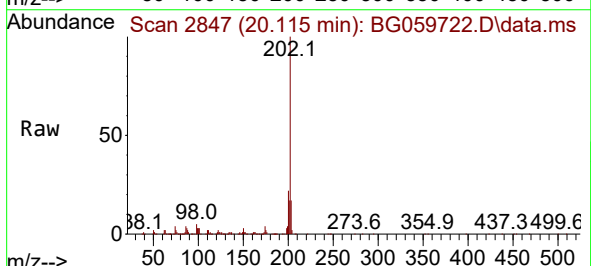
Tgt Ion:202 Resp: 475230

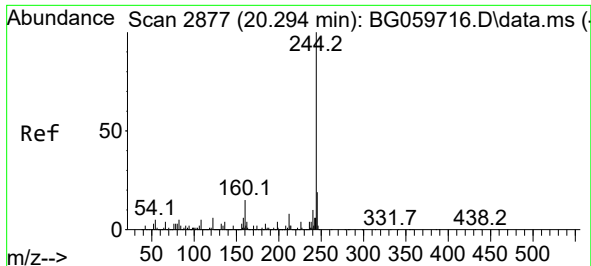
Ion Ratio Lower Upper

202 100

200 22.1 16.2 24.4

203 17.4 14.0 21.0

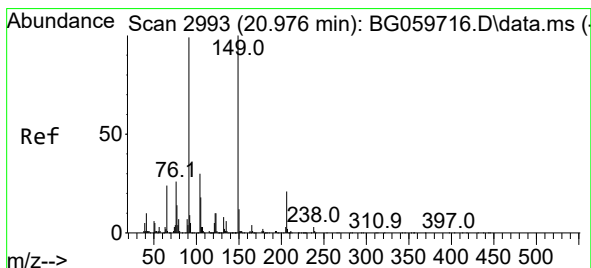
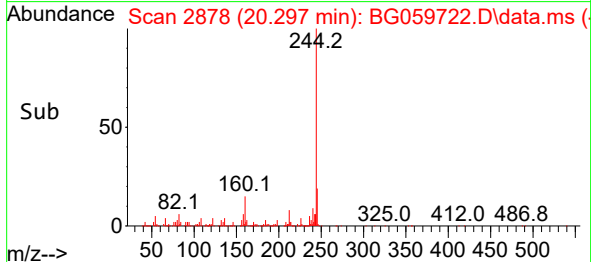
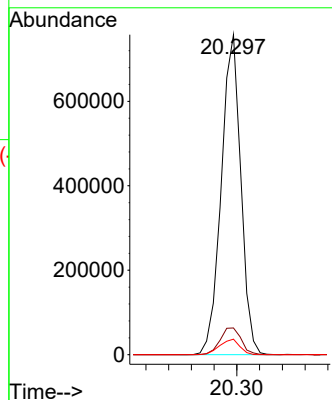
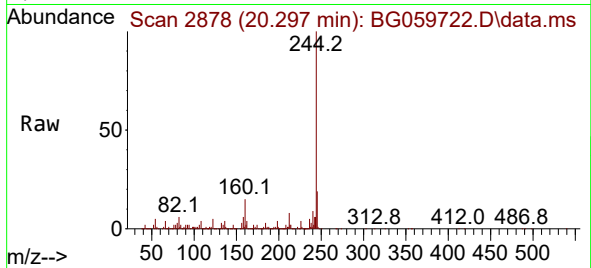




#79
Terphenyl-d14
Concen: 53.913 ng
RT: 20.297 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

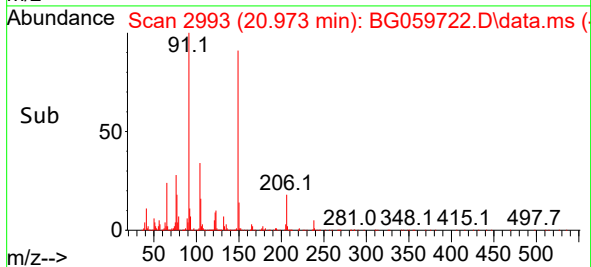
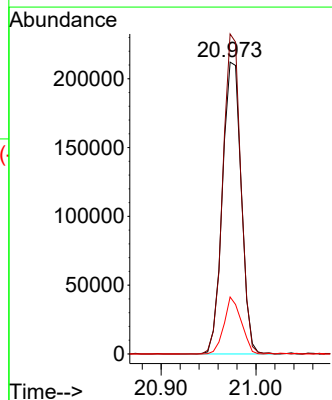
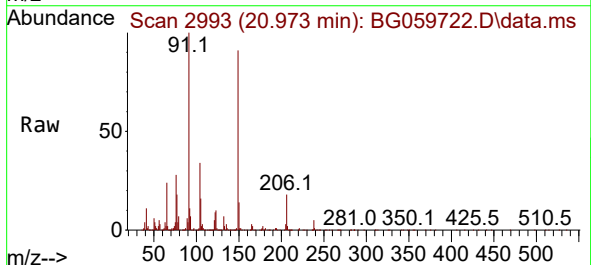
Instrument :
BNA_G
ClientSampleId :
PB157140BS

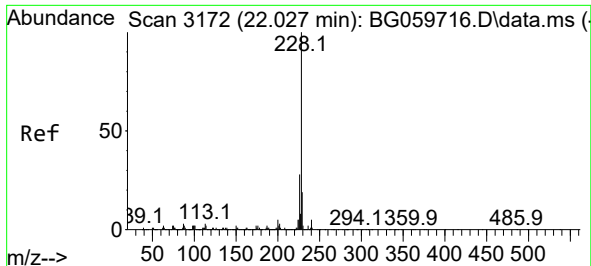
Tgt Ion:244 Resp: 905117
Ion Ratio Lower Upper
244 100
212 8.4 6.6 10.0
122 4.8 4.4 6.6



#80
Butylbenzylphthalate
Concen: 42.323 ng
RT: 20.973 min Scan# 2993
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:149 Resp: 292643
Ion Ratio Lower Upper
149 100
91 109.6 79.6 119.4
206 19.5 16.9 25.3

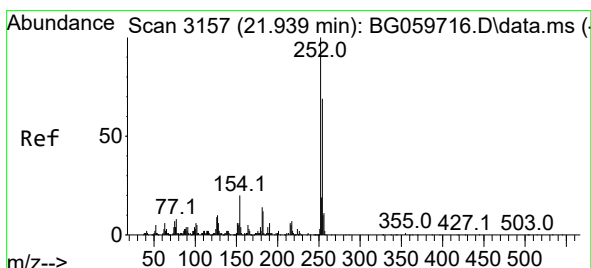
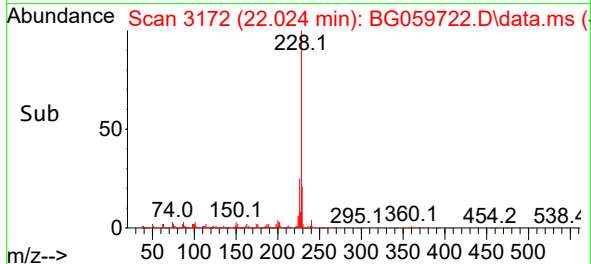
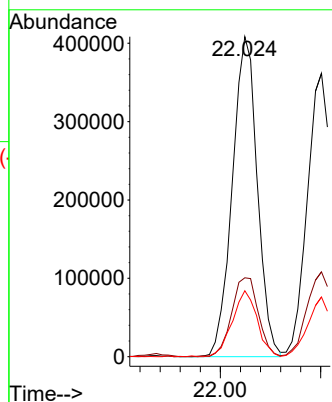
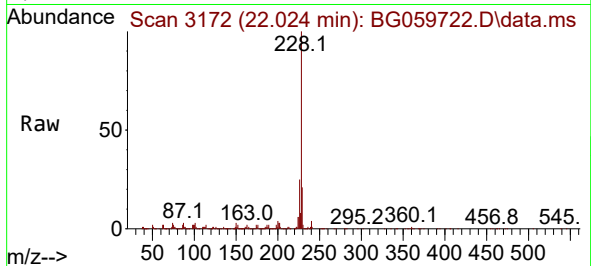




#81
Benzo(a)anthracene
Concen: 41.687 ng
RT: 22.024 min Scan# 3172
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

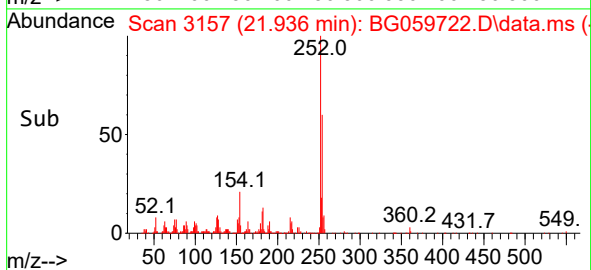
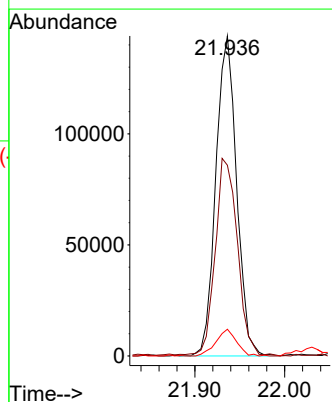
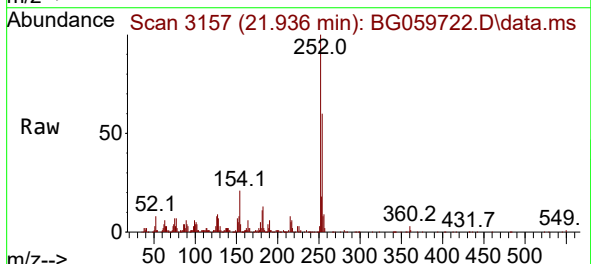
Instrument :
BNA_G
ClientSampleId :
PB157140BS

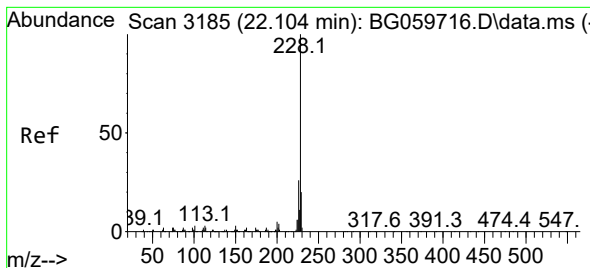
Tgt Ion:228 Resp: 706927
Ion Ratio Lower Upper
228 100
226 24.7 22.1 33.1
229 20.6 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 36.637 ng
RT: 21.936 min Scan# 3157
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:252 Resp: 231465
Ion Ratio Lower Upper
252 100
254 59.6 55.2 82.8
126 8.4 7.0 10.6





#83

Chrysene

Concen: 40.570 ng

RT: 22.101 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

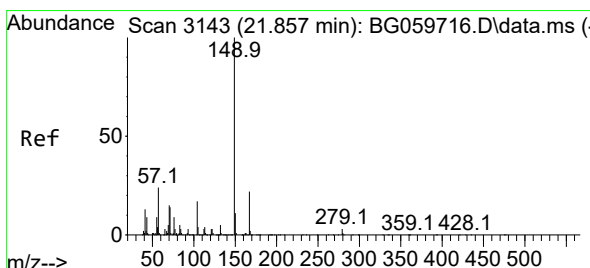
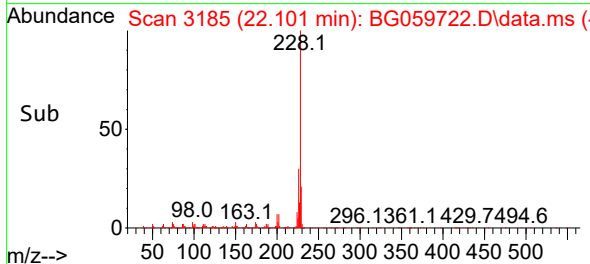
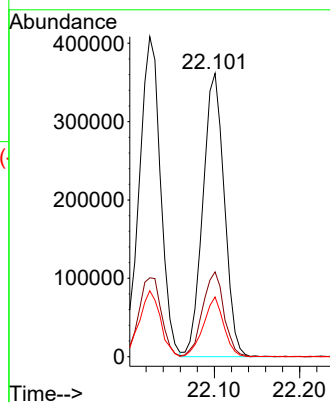
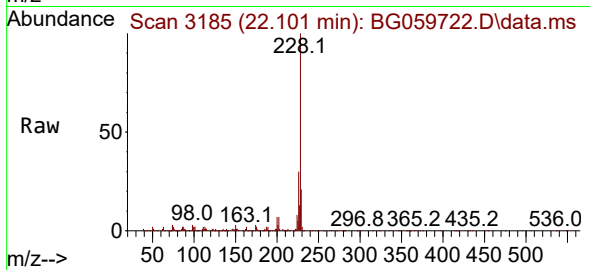
Tgt Ion:228 Resp: 630663

Ion Ratio Lower Upper

228 100

226 29.9 21.1 31.7

229 21.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.475 ng

RT: 21.854 min Scan# 3143

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

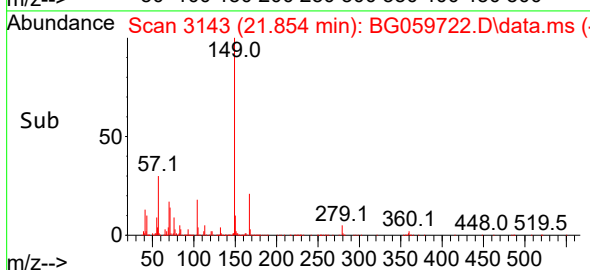
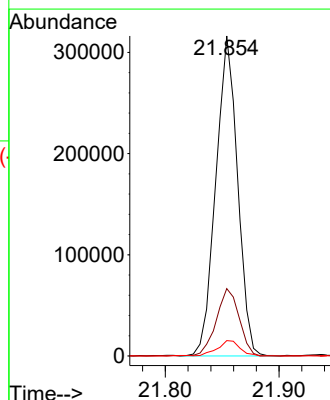
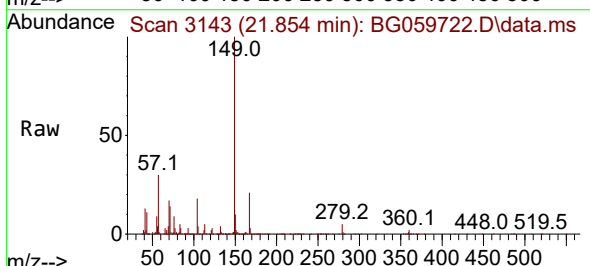
Tgt Ion:149 Resp: 420233

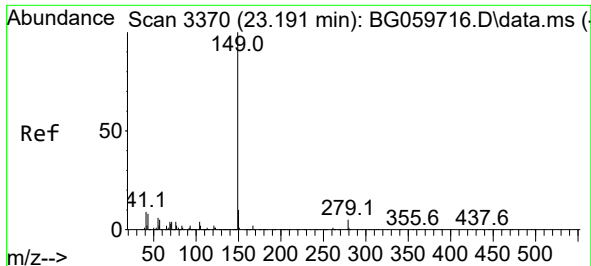
Ion Ratio Lower Upper

149 100

167 21.1 17.6 26.4

279 4.8 2.7 4.1#

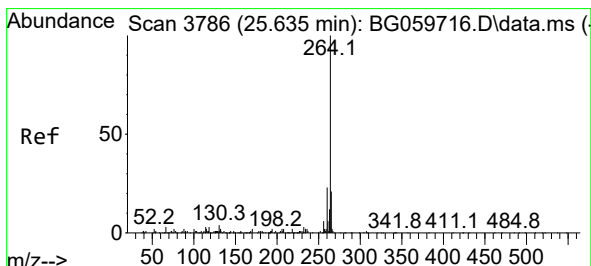
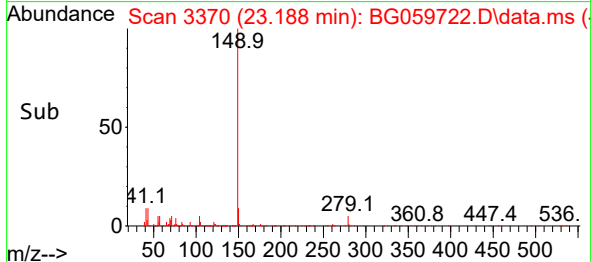
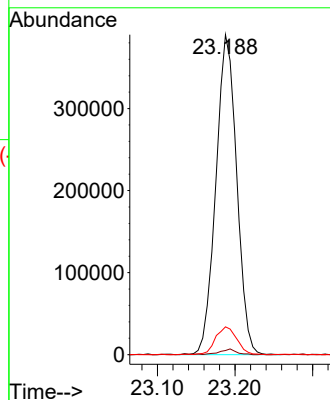
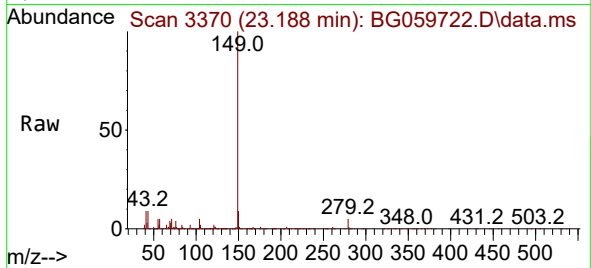




#85
Di-n-octyl phthalate
Concen: 39.184 ng
RT: 23.188 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

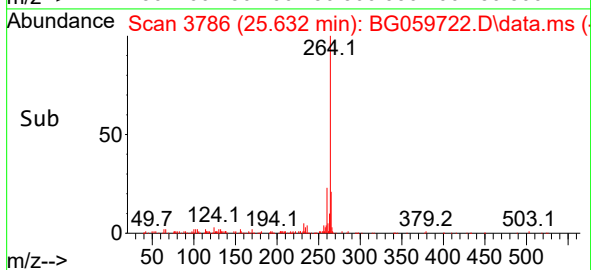
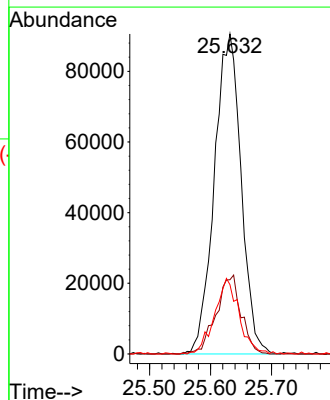
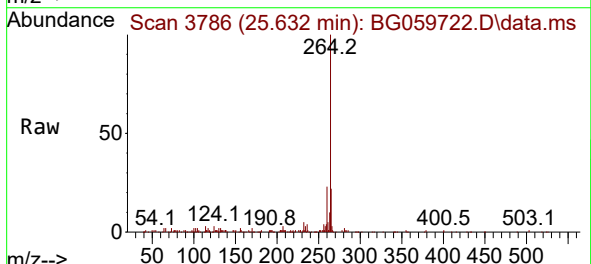
Instrument :
BNA_G
ClientSampleId :
PB157140BS

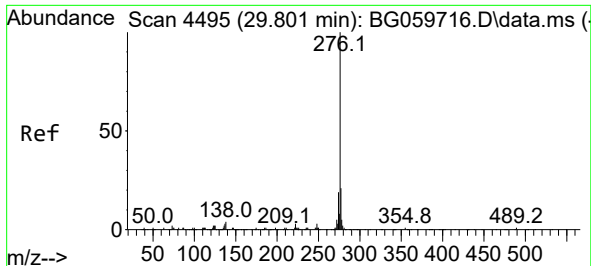
Tgt Ion:149 Resp: 729138
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.0 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.632 min Scan# 3786
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:264 Resp: 275996
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.6 17.0 25.6

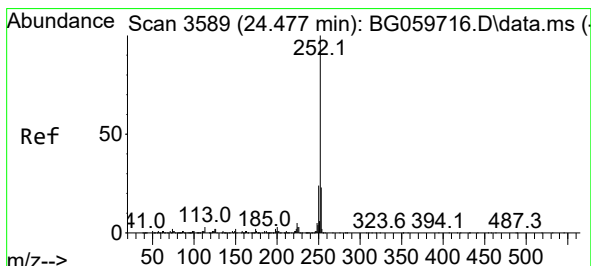
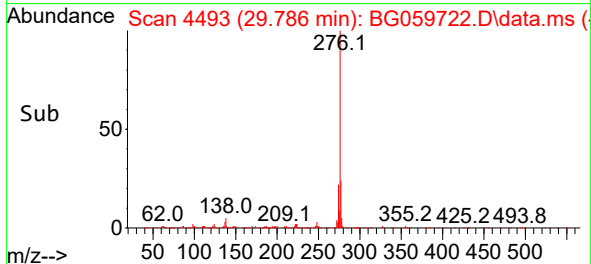
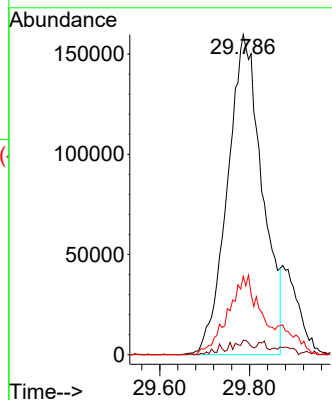
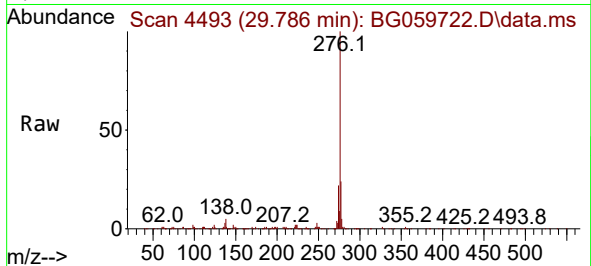




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.164 ng
 RT: 29.786 min Scan# 4495
 Delta R.T. -0.015 min
 Lab File: BG059722.D
 Acq: 16 Nov 2023 17:35

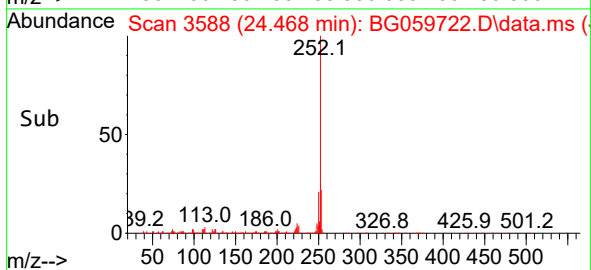
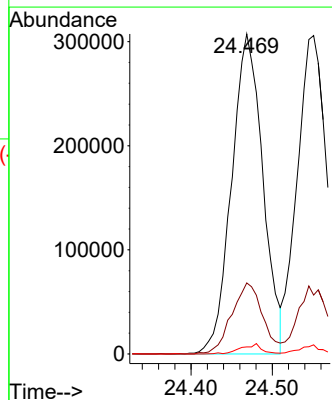
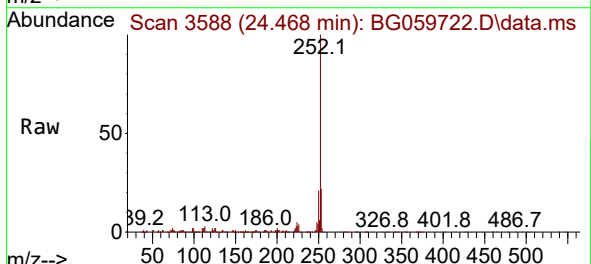
Instrument :
 BNA_G
 ClientSampleId :
 PB157140BS

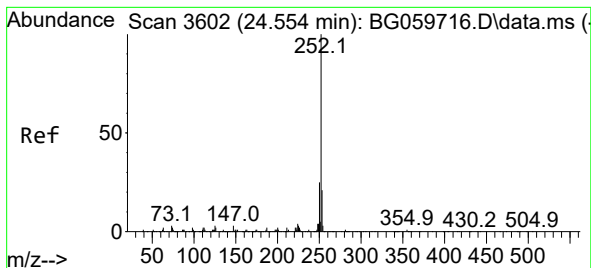
Tgt Ion:276 Resp: 859651
 Ion Ratio Lower Upper
 276 100
 138 1.7 1.8 2.6#
 277 23.0 9.8 14.6#



#88
 Benzo(b)fluoranthene
 Concen: 54.360 ng
 RT: 24.468 min Scan# 3588
 Delta R.T. -0.009 min
 Lab File: BG059722.D
 Acq: 16 Nov 2023 17:35

Tgt Ion:252 Resp: 822307
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.3 27.5
 125 2.2 1.4 2.0#





#89

Benzo(k)fluoranthene

Concen: 51.569 ng

RT: 24.551 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

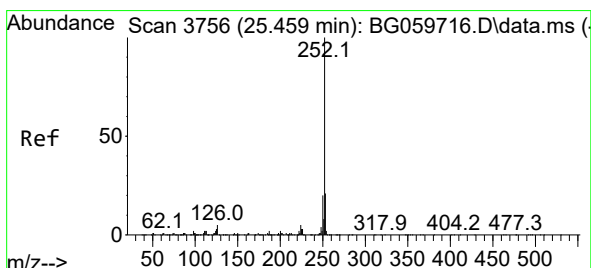
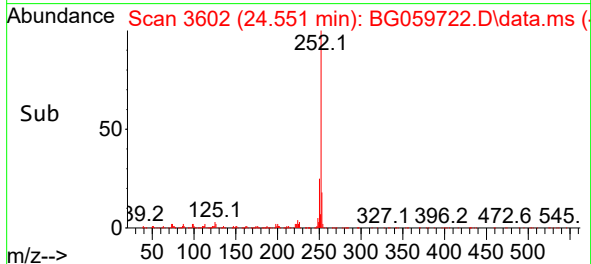
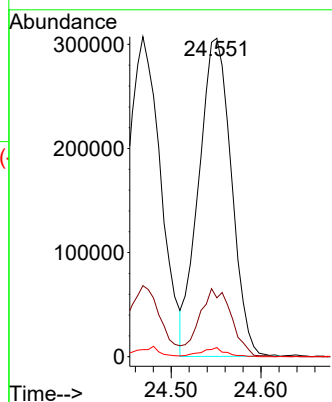
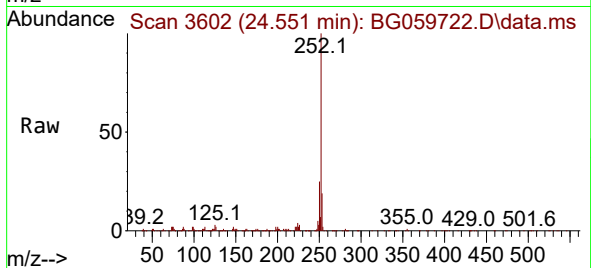
Tgt Ion:252 Resp: 771228

Ion Ratio Lower Upper

252 100

253 18.5 17.1 25.7

125 2.9 2.2 3.2



#90

Benzo(a)pyrene

Concen: 44.393 ng

RT: 25.456 min Scan# 3756

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

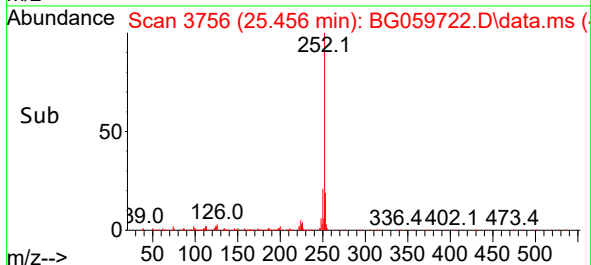
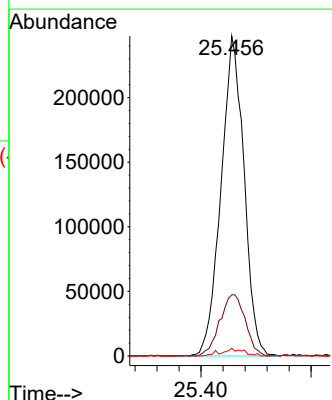
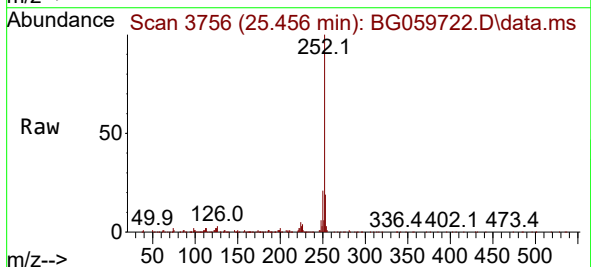
Tgt Ion:252 Resp: 716703

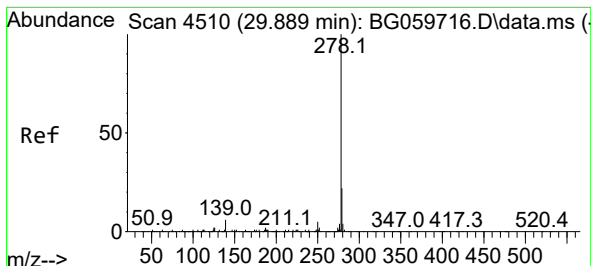
Ion Ratio Lower Upper

252 100

253 19.1 16.8 25.2

125 2.4 2.0 3.0





#91

Dibenzo(a,h)anthracene

Concen: 45.806 ng

RT: 29.874 min Scan# 4

Delta R.T. -0.015 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

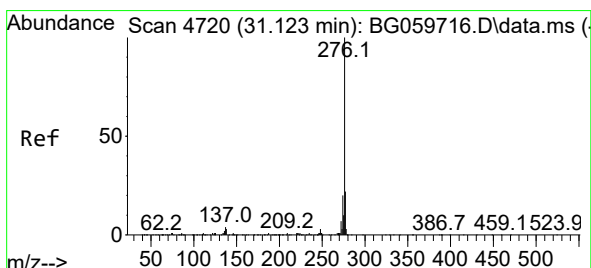
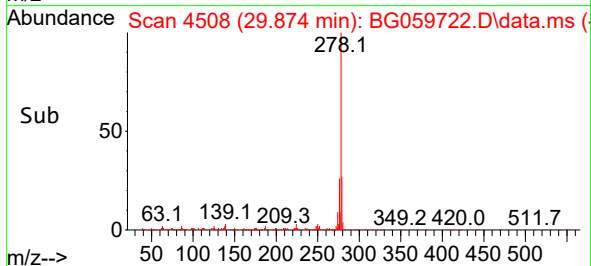
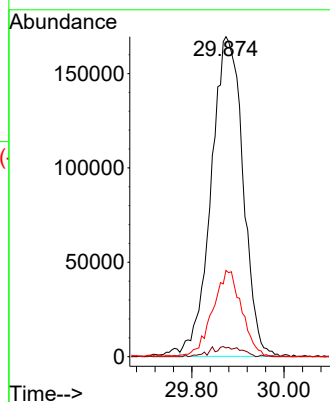
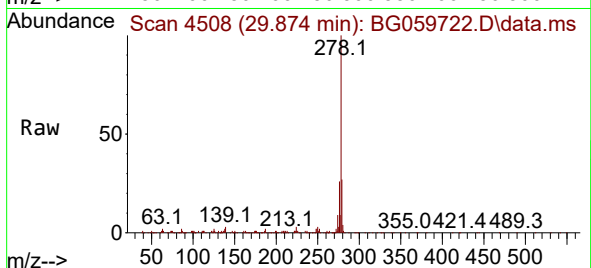
Tgt Ion:278 Resp: 809324

Ion Ratio Lower Upper

278 100

139 2.7 4.6 7.0#

279 27.0 17.4 26.0#



#92

Benzo(g,h,i)perylene

Concen: 44.951 ng

RT: 31.108 min Scan# 4718

Delta R.T. -0.015 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Tgt Ion:276 Resp: 753584

Ion Ratio Lower Upper

276 100

277 21.3 17.3 25.9

138 4.7 2.6 4.0#

