

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059723.D
 Acq On : 16 Nov 2023 18:15
 Operator : MA/JU
 Sample : PB157140BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157140BSD

Quant Time: Nov 17 02:33:01 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	8.338	152	32662	20.000	ng	# 0.00
21) Naphthalene-d8	11.187	136	170040	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	119359	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	308251	20.000	ng	# 0.00
76) Chrysene-d12	22.045	240	261168	20.000	ng	0.00
86) Perylene-d12	25.629	264	277678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	282340	145.495	ng	0.00
7) Phenol-d6	7.462	99	407946	141.860	ng	0.00
23) Nitrobenzene-d5	9.542	82	347381	78.024	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	197661	145.953	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	693913	78.255	ng	0.00
79) Terphenyl-d14	20.294	244	1500241	84.801	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.667	88	22626	24.824	ng	# 80
3) Pyridine	4.084	79	67147	26.973	ng	94
4) n-Nitrosodimethylamine	4.013	42	52034	39.290	ng	# 79
6) Aniline	7.656	93	110732	29.178	ng	92
8) 2-Chlorophenol	7.891	128	103619	49.220	ng	92
9) Benzaldehyde	7.480	77	16126	8.296	ng	# 61
10) Phenol	7.486	94	146532	49.441	ng	93
11) bis(2-Chloroethyl)ether	7.750	93	78160	42.363	ng	91
12) 1,3-Dichlorobenzene	8.379	146	106508	45.547	ng	97
13) 1,4-Dichlorobenzene	8.379	146	106508	45.357	ng	99
14) 1,2-Dichlorobenzene	8.690	146	105640	45.281	ng	94
15) Benzyl Alcohol	8.579	79	158884	48.451	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.843	45	27978	41.217	ng	# 76
17) 2-Methylphenol	8.767	107	107044	49.035	ng	# 83
18) Hexachloroethane	9.431	117	47997	48.157	ng	96
19) n-Nitroso-di-n-propyla...	9.143	70	96422	42.579	ng	97
20) 3+4-Methylphenols	9.096	107	141790	46.787	ng	91
22) Acetophenone	9.184	105	199772	41.498	ng	96
24) Nitrobenzene	9.583	77	170646	41.616	ng	97
25) Isophorone	10.089	82	285422	38.186	ng	99
26) 2-Nitrophenol	10.288	139	65868	43.815	ng	91
27) 2,4-Dimethylphenol	10.312	122	121374	39.709	ng	89
28) bis(2-Chloroethoxy)met...	10.570	93	114001	40.587	ng	97
29) 2,4-Dichlorophenol	10.811	162	112920	43.271	ng	77
30) 1,2,4-Trichlorobenzene	11.029	180	108063	40.973	ng	# 92
31) Naphthalene	11.240	128	346521	40.527	ng	# 94
32) Benzoic acid	10.424	122	64772	31.138	ng	97
33) 4-Chloroaniline	11.358	127	92637	25.472	ng	93
34) Hexachlorobutadiene	11.469	225	74817	41.681	ng	93
35) Caprolactam	12.186	113	14609	15.317	ng	84
36) 4-Chloro-3-methylphenol	12.421	107	163803	47.197	ng	94
37) 2-Methylnaphthalene	12.821	142	277702	38.562	ng	89
38) 1-Methylnaphthalene	13.032	142	258784	38.967	ng	# 91
40) 1,2,4,5-Tetrachloroben...	13.156	216	133801	41.508	ng	98
41) Hexachlorocyclopentadiene	13.109	237	181487	89.756	ng	89
43) 2,4,6-Trichlorophenol	13.473	196	115241	51.411	ng	92

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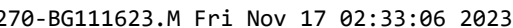
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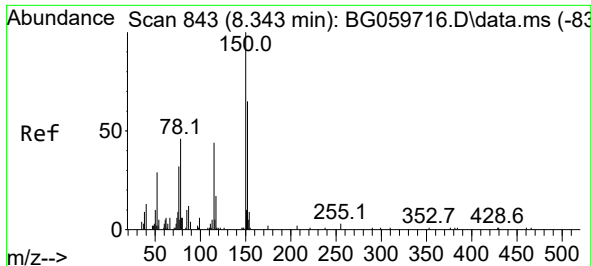
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.473	196	115241	43.754	ng	# 87
46) 1,1'-Biphenyl	13.808	154	383048	40.886	ng	98
47) 2-Chloronaphthalene	13.861	162	284656	44.219	ng	95
48) 2-Nitroaniline	14.072	65	112718	49.043	ng	90
49) Acenaphthylene	14.701	152	480883	43.810	ng	# 96
50) Dimethylphthalate	14.413	163	418101	45.202	ng	# 98
51) 2,6-Dinitrotoluene	14.554	165	79379	45.237	ng	# 79
52) Acenaphthene	15.036	154	275956	41.804	ng	92
53) 3-Nitroaniline	14.895	138	68070	33.141	ng	95
54) 2,4-Dinitrophenol	15.089	184	118088	90.563	ng	# 74
55) Dibenzofuran	15.365	168	469438	43.132	ng	97
56) 4-Nitrophenol	15.165	139	144230	91.784	ng	91
57) 2,4-Dinitrotoluene	15.330	165	118705	43.989	ng	# 83
58) Fluorene	16.011	166	399374	44.167	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.571	232	109227	47.177	ng	97
60) Diethylphthalate	15.759	149	455143	45.880	ng	98
61) 4-Chlorophenyl-phenyle...	15.994	204	203771	43.782	ng	90
62) 4-Nitroaniline	16.052	138	84194	40.901	ng	95
63) Azobenzene	16.287	77	513218	46.554	ng	95
65) 4,6-Dinitro-2-methylph...	16.082	198	80973	42.984	ng	92
66) n-Nitrosodiphenylamine	16.217	169	372317	41.347	ng	96
67) 4-Bromophenyl-phenylether	16.892	248	139384	42.091	ng	91
68) Hexachlorobenzene	16.981	284	138389	44.775	ng	# 84
69) Atrazine	17.151	200	147907	51.232	ng	98
70) Pentachlorophenol	17.339	266	170192	72.176	ng	89
71) Phenanthrene	17.762	178	678511	43.294	ng	97
72) Anthracene	17.762	178	678511	41.668	ng	98
73) Carbazole	18.132	167	614285	43.181	ng	98
74) Di-n-butylphthalate	18.632	149	759851	44.189	ng	97
75) Fluoranthene	19.754	202	801001	42.619	ng	100
77) Benzidine	19.942	184	155896	26.324	ng	97
78) Pyrene	20.118	202	783765	44.107	ng	97
80) Butylbenzylphthalate	20.976	149	329495	45.221	ng	# 95
81) Benzo(a)anthracene	22.028	228	771704	43.185	ng	95
82) 3,3'-Dichlorobenzidine	21.934	252	252769	37.968	ng	97
83) Chrysene	22.098	228	699197	42.683	ng	96
84) Bis(2-ethylhexyl)phtha...	21.851	149	457690	44.934	ng	# 98
85) Di-n-octyl phthalate	23.191	149	778018	39.677	ng	97
87) Indeno(1,2,3-cd)pyrene	29.783	276	980320	46.658	ng	# 83
88) Benzo(b)fluoranthene	24.472	252	849630	55.826	ng	96
89) Benzo(k)fluoranthene	24.548	252	807663	53.679	ng	# 99
90) Benzo(a)pyrene	25.465	252	737032	45.376	ng	99
91) Dibenzo(a,h)anthracene	29.883	278	856532	48.184	ng	# 97
92) Benzo(g,h,i)perylene	31.111	276	774530	45.920	ng	# 99

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

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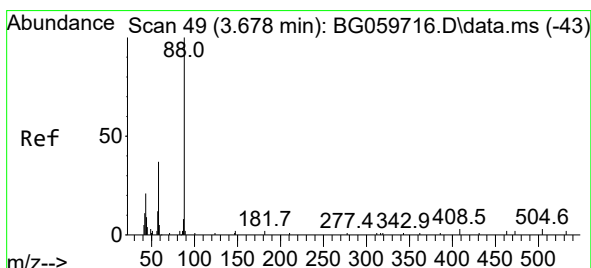
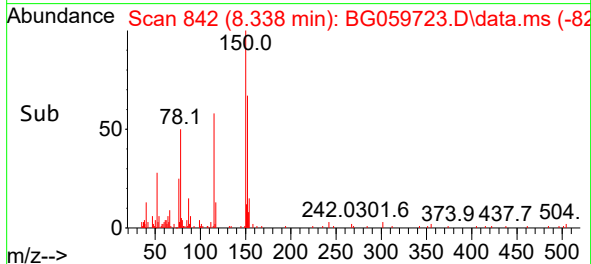
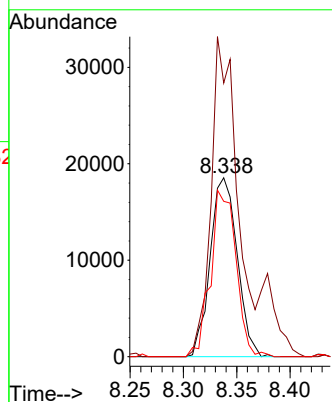
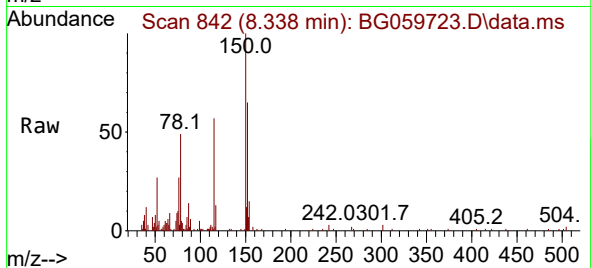




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 84
Delta R.T. -0.005 min
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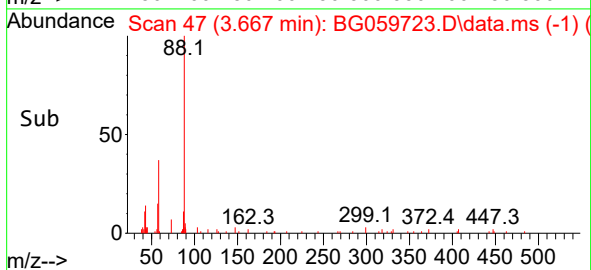
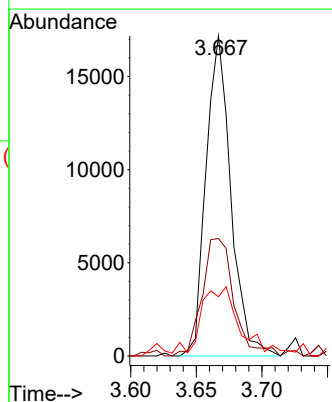
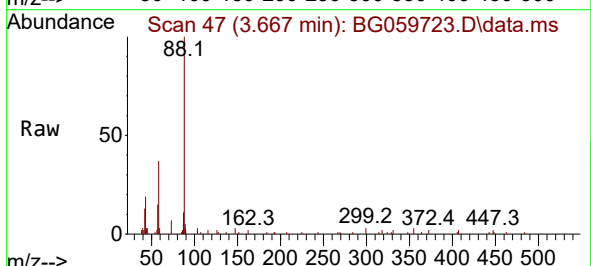
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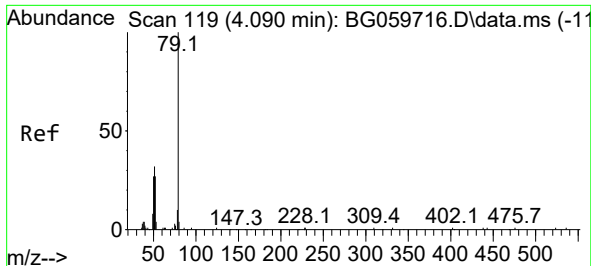
Tgt Ion:152 Resp: 32662
Ion Ratio Lower Upper
152 100
150 152.9 122.2 183.4
115 86.8 54.2 81.4#



#2
1,4-Dioxane
Concen: 24.824 ng
RT: 3.667 min Scan# 47
Delta R.T. -0.011 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion: 88 Resp: 22626
Ion Ratio Lower Upper
88 100
58 46.7 28.6 42.8#
43 32.0 17.5 26.3#

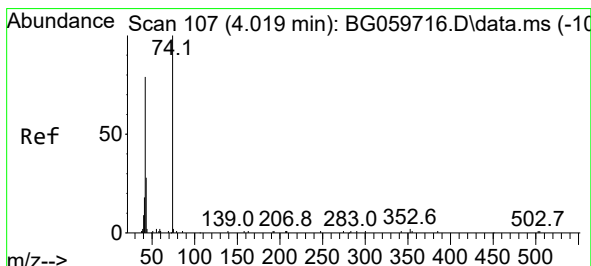
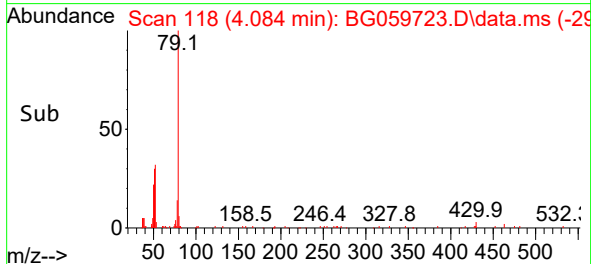
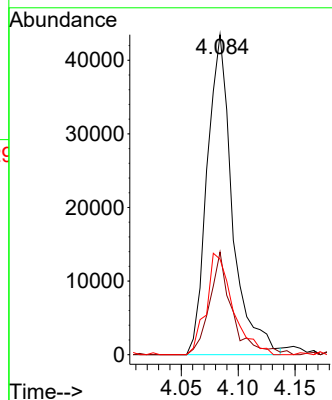
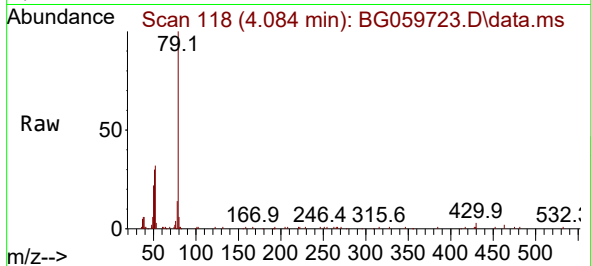




#3
Pyridine
Concen: 26.973 ng
RT: 4.084 min Scan# 119
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

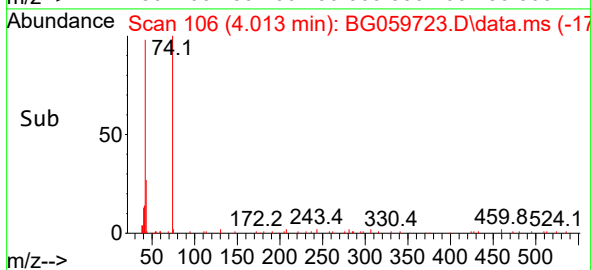
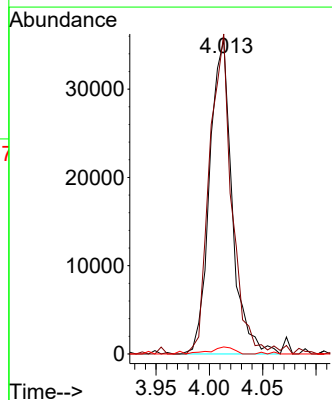
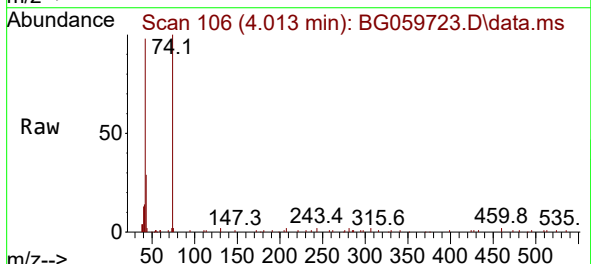
Instrument :
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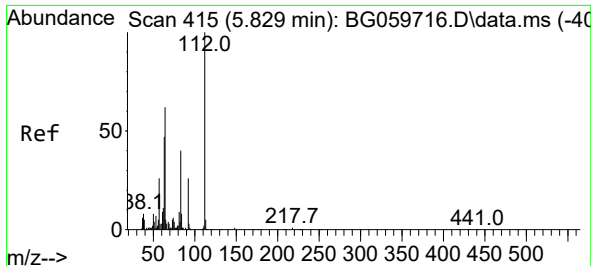
Tgt Ion: 79 Resp: 67147
Ion Ratio Lower Upper
79 100
52 32.1 21.6 32.4
51 29.9 25.3 37.9



#4
n-Nitrosodimethylamine
Concen: 39.290 ng
RT: 4.013 min Scan# 106
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion: 42 Resp: 52034
Ion Ratio Lower Upper
42 100
74 101.9 101.2 151.8
44 2.3 2.4 3.6

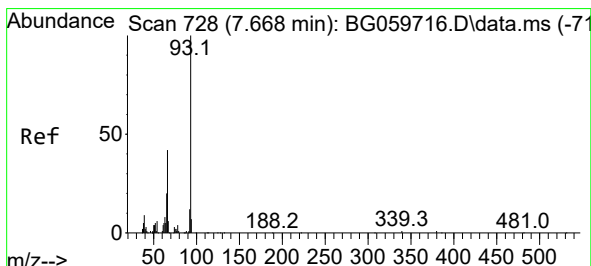
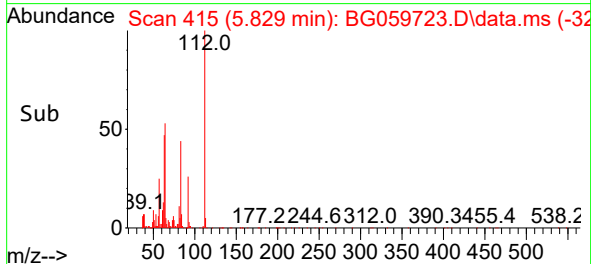
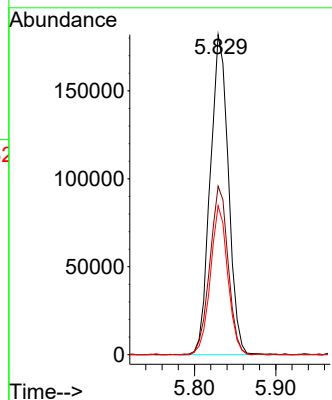
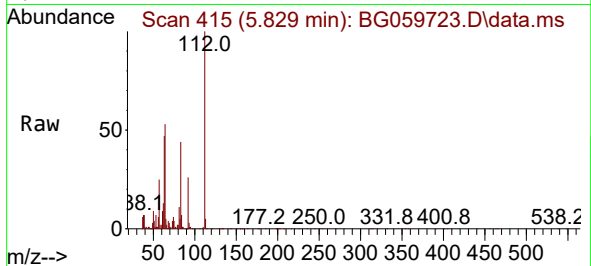




#5
2-Fluorophenol
Concen: 145.495 ng
RT: 5.829 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

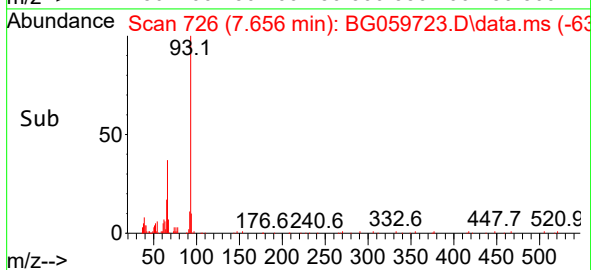
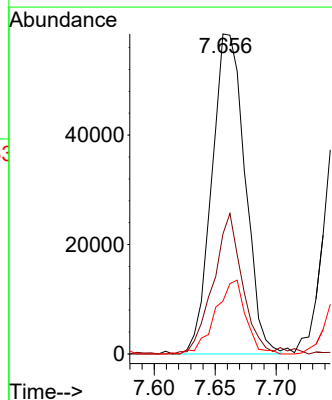
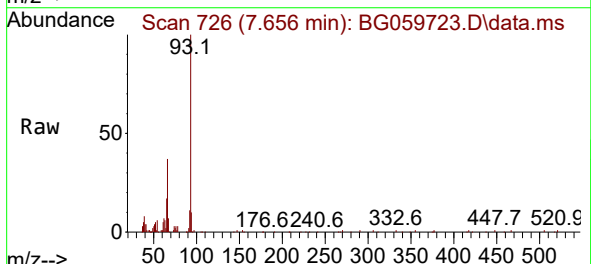
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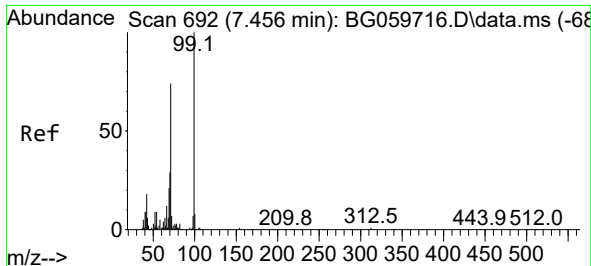
Tgt Ion:112 Resp: 282340
Ion Ratio Lower Upper
112 100
64 52.6 49.5 74.3
63 46.6 37.4 56.2



#6
Aniline
Concen: 29.178 ng
RT: 7.656 min Scan# 726
Delta R.T. -0.011 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion: 93 Resp: 110732
Ion Ratio Lower Upper
93 100
66 37.5 33.9 50.9
65 16.5 15.8 23.8

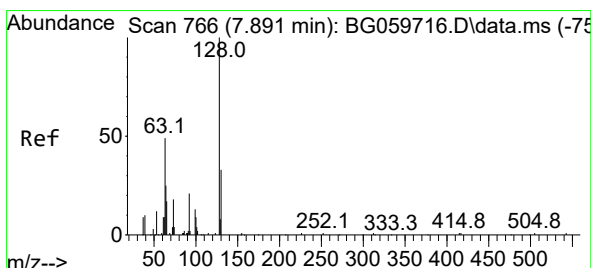
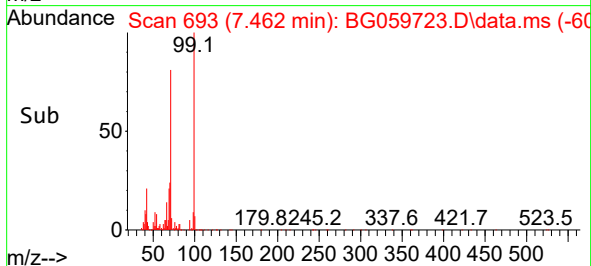
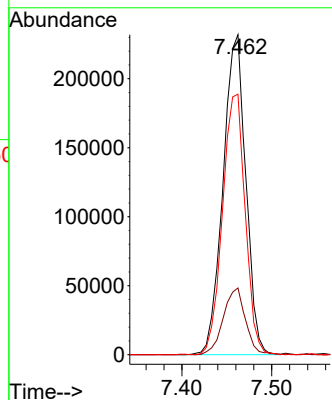
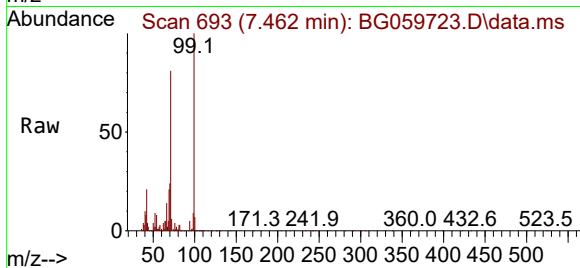




#7
Phenol-d6
Concen: 141.860 ng
RT: 7.462 min Scan# 692
Delta R.T. 0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

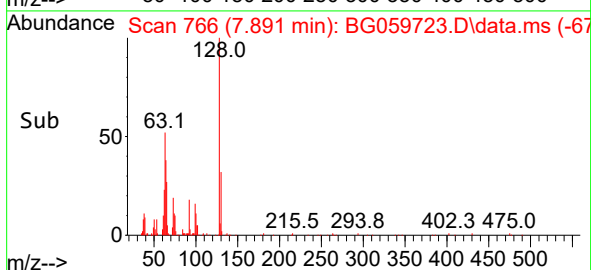
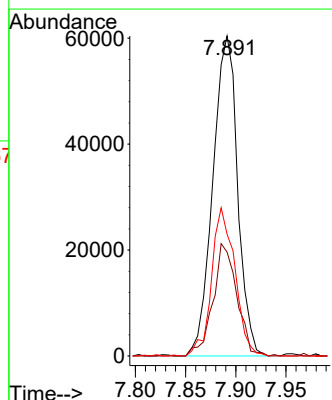
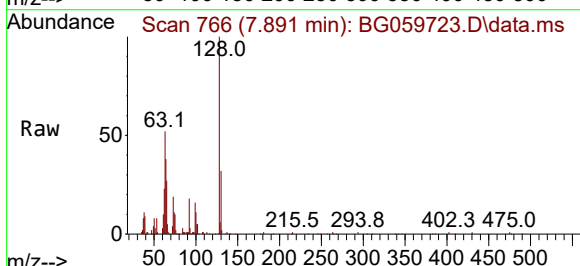
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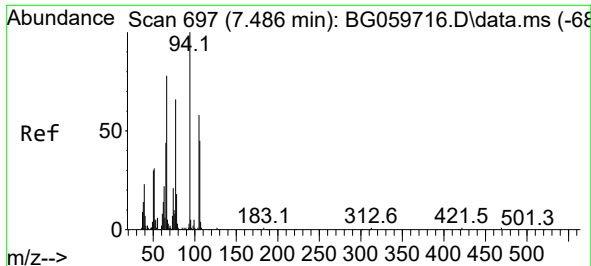
Tgt Ion: 99 Resp: 407946
Ion Ratio Lower Upper
99 100
42 20.8 14.3 21.5
71 81.4 59.3 88.9



#8
2-Chlorophenol
Concen: 49.220 ng
RT: 7.891 min Scan# 766
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:128 Resp: 103619
Ion Ratio Lower Upper
128 100
130 32.4 13.1 53.1
64 38.0 27.0 67.0

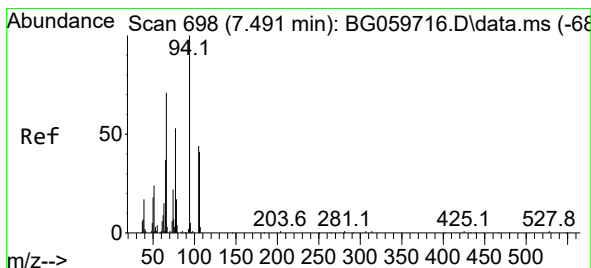
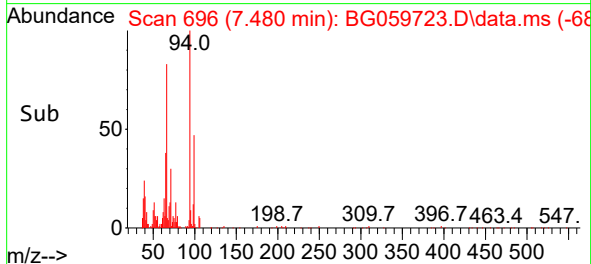
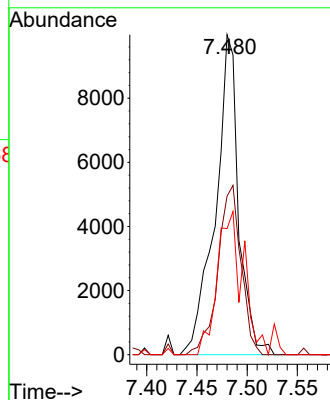
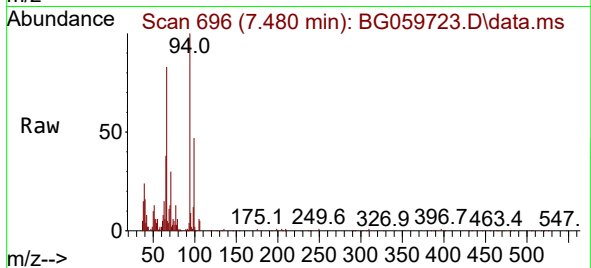




#9
Benzaldehyde
Concen: 8.296 ng
RT: 7.480 min Scan# 696
Delta R.T. -0.006 min
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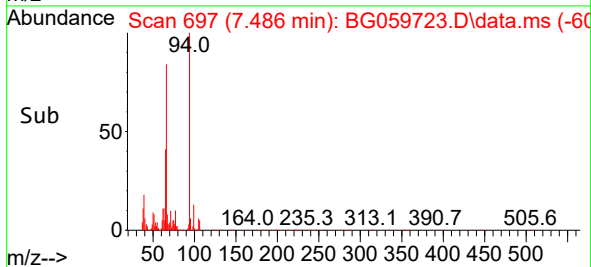
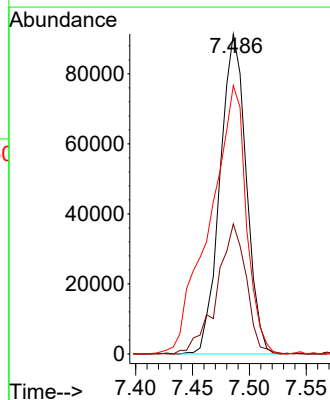
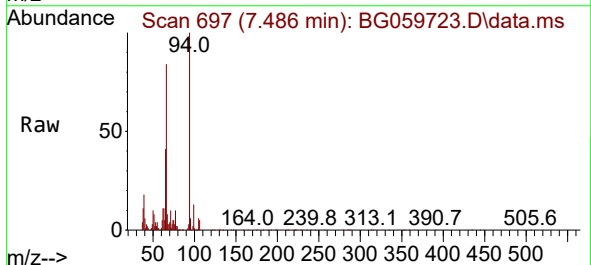
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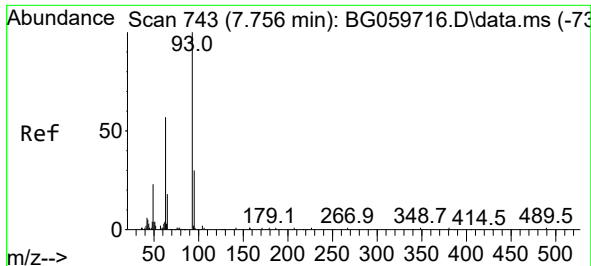
Tgt Ion: 77 Resp: 16126
Ion Ratio Lower Upper
77 100
105 49.6 68.0 108.0#
106 39.4 48.1 88.1#



#10
Phenol
Concen: 49.441 ng
RT: 7.486 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion: 94 Resp: 146532
Ion Ratio Lower Upper
94 100
65 40.7 18.1 58.1
66 83.9 56.6 96.6

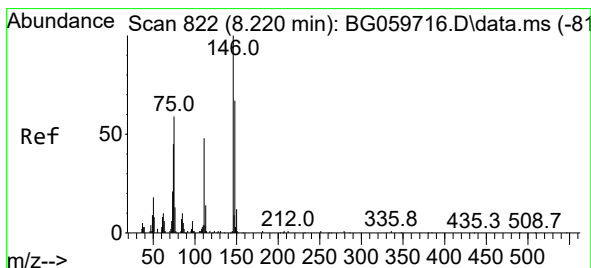
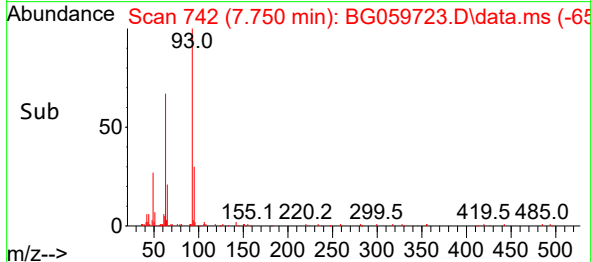
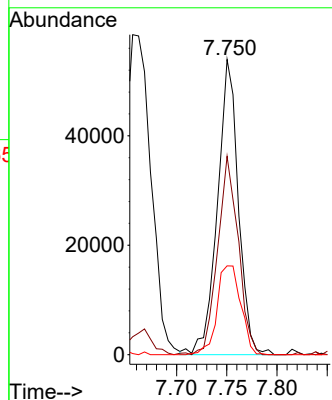
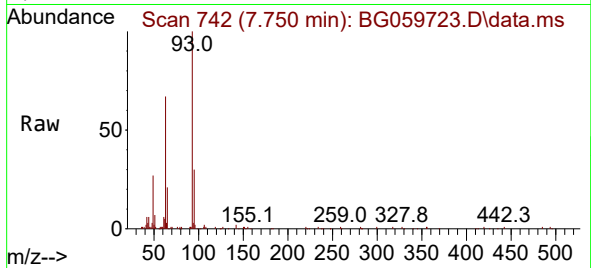




#11
bis(2-Chloroethyl)ether
Concen: 42.363 ng
RT: 7.750 min Scan# 741
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

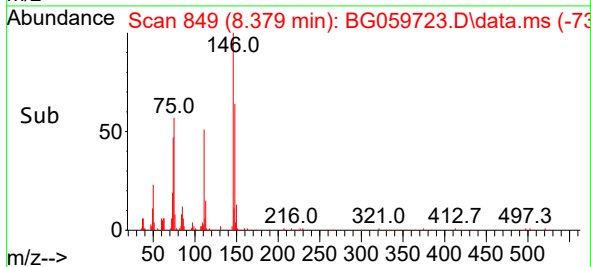
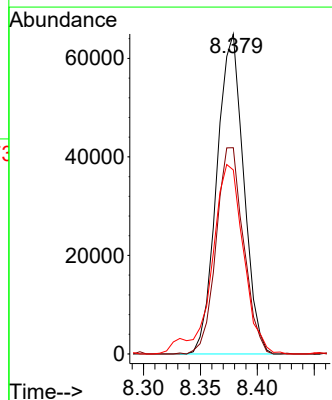
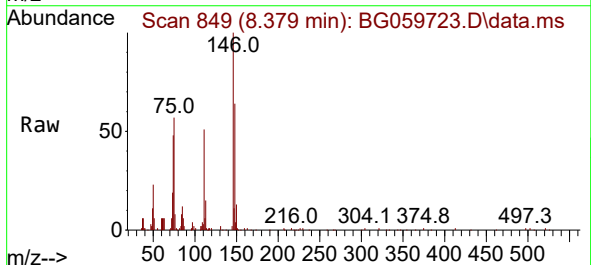
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

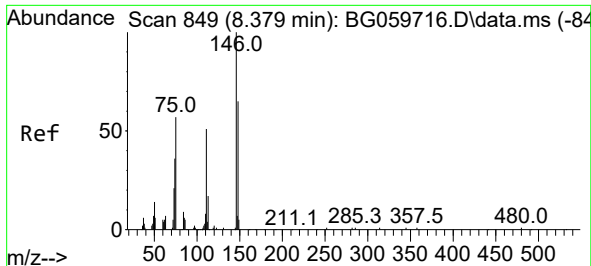
Tgt Ion: 93 Resp: 78160
Ion Ratio Lower Upper
93 100
63 67.2 37.2 77.2
95 30.1 10.2 50.2



#12
1,3-Dichlorobenzene
Concen: 45.547 ng
RT: 8.379 min Scan# 849
Delta R.T. 0.159 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:146 Resp: 106508
Ion Ratio Lower Upper
146 100
148 64.4 53.9 80.9
75 57.5 47.5 71.3

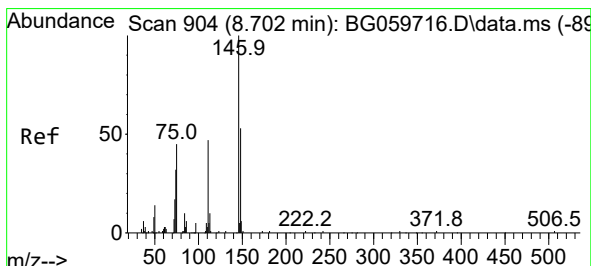
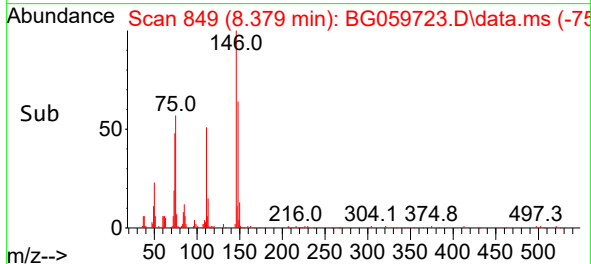
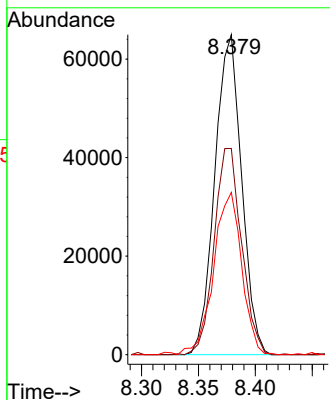
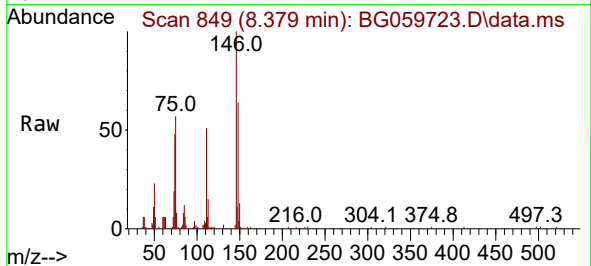




#13
 1,4-Dichlorobenzene
 Concen: 45.357 ng
 RT: 8.379 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: BG059723.D
 Acq: 16 Nov 2023 18:15

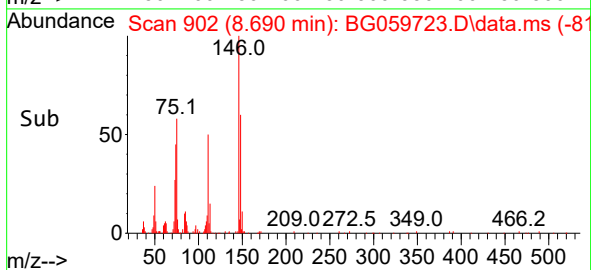
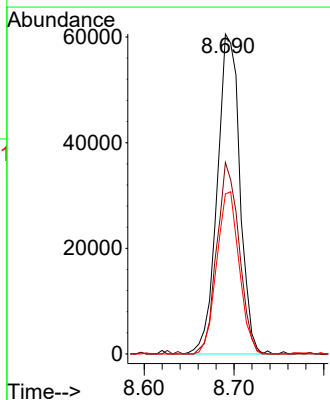
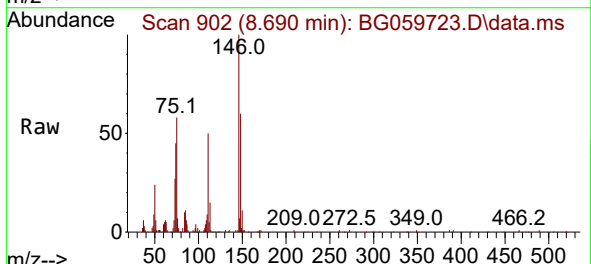
Instrument :
 BNA_G
 ClientSampleId :
 PB157140BSD

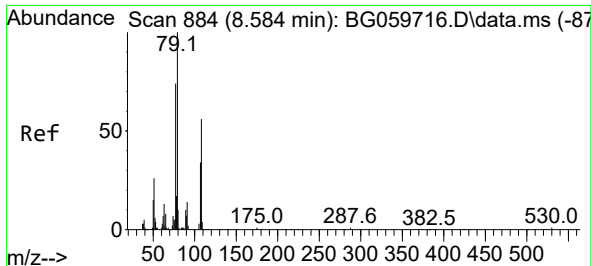
Tgt Ion:146 Resp: 106508
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 50.7 41.2 61.8



#14
 1,2-Dichlorobenzene
 Concen: 45.281 ng
 RT: 8.690 min Scan# 902
 Delta R.T. -0.011 min
 Lab File: BG059723.D
 Acq: 16 Nov 2023 18:15

Tgt Ion:146 Resp: 105640
 Ion Ratio Lower Upper
 146 100
 148 59.8 43.1 64.7
 111 50.0 38.3 57.5

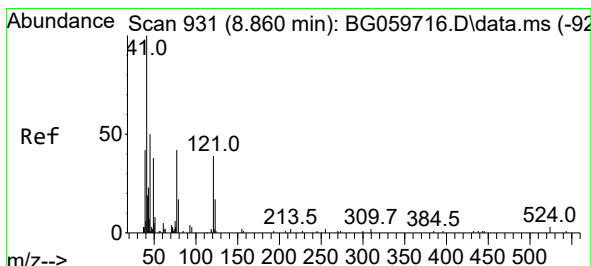
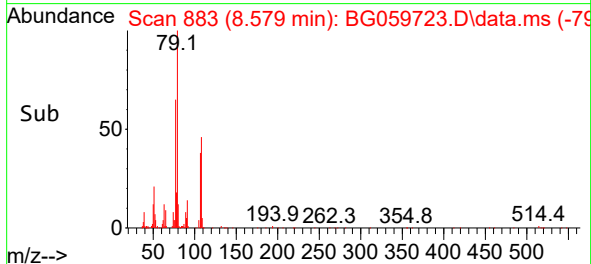
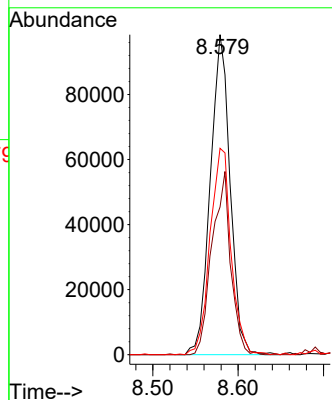
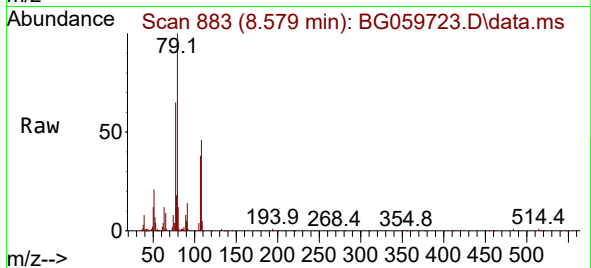




#15
Benzyl Alcohol
Concen: 48.451 ng
RT: 8.579 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

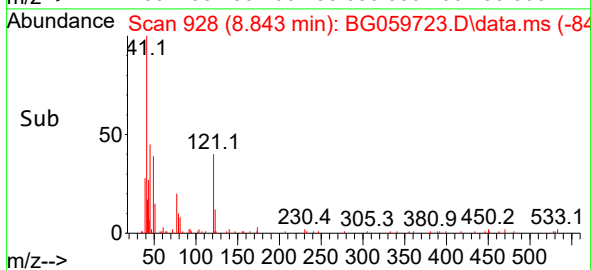
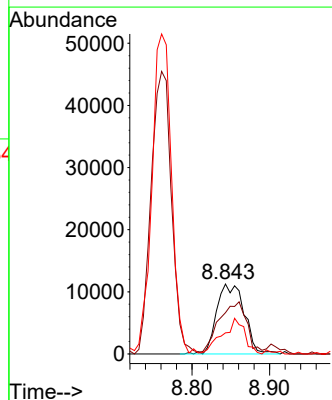
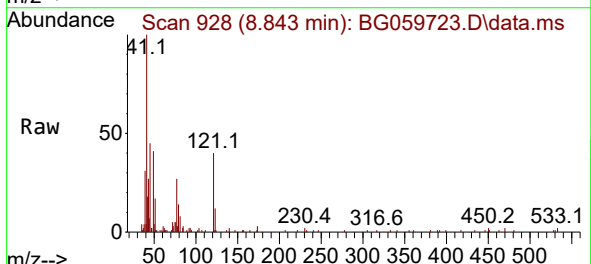
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

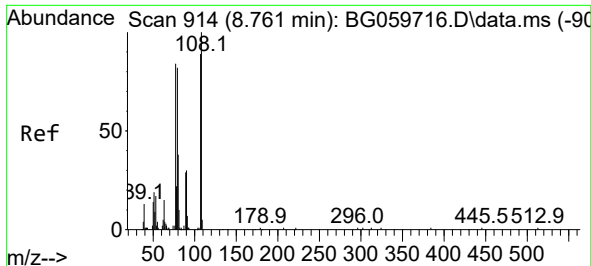
Tgt Ion: 79 Resp: 158884
Ion Ratio Lower Upper
79 100
108 46.1 45.4 68.2
77 64.5 59.4 89.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.217 ng
RT: 8.843 min Scan# 928
Delta R.T. -0.017 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion: 45 Resp: 27978
Ion Ratio Lower Upper
45 100
77 58.9 63.6 103.6#
79 30.1 19.6 59.6

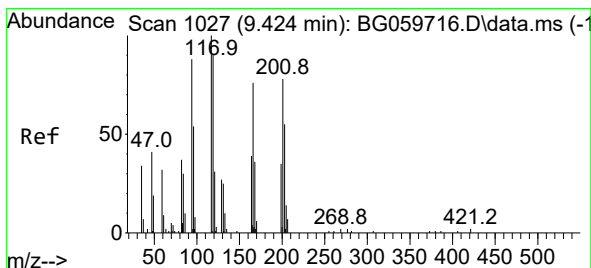
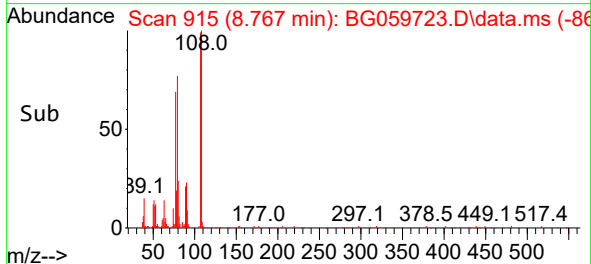
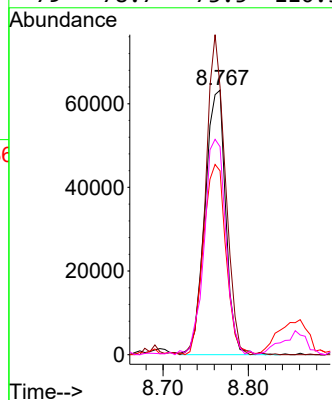
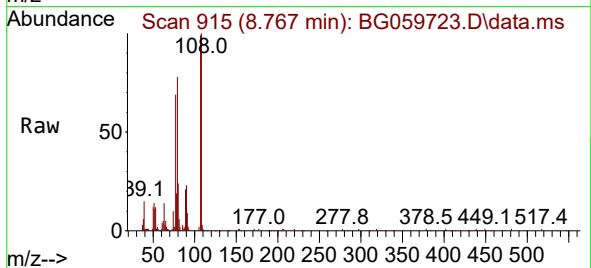




#17
2-Methylphenol
Concen: 49.035 ng
RT: 8.767 min Scan# 914
Delta R.T. 0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

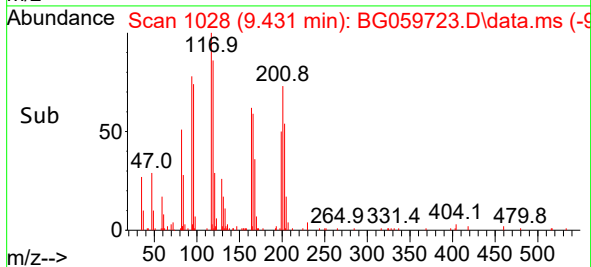
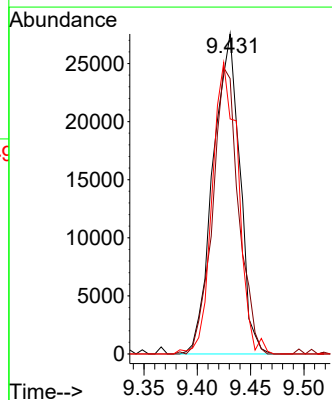
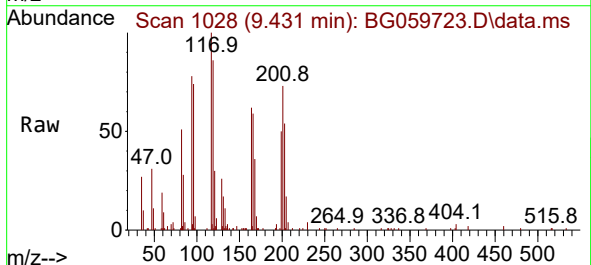
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

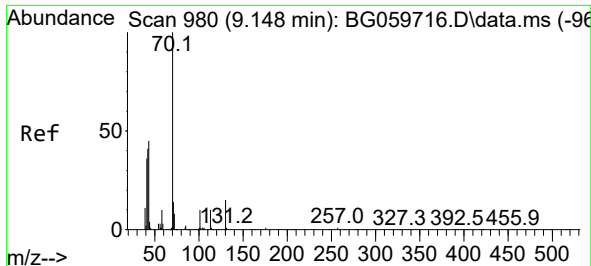
Tgt Ion:	107	Resp:	107044
Ion	Ratio	Lower	Upper
107	100		
108	101.3	90.0	135.0
77	69.5	76.5	114.7#
79	78.7	73.5	110.3



#18
Hexachloroethane
Concen: 48.157 ng
RT: 9.431 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:	117	Resp:	47997
Ion	Ratio	Lower	Upper
117	100		
119	86.0	71.8	107.8
201	73.5	62.2	93.4

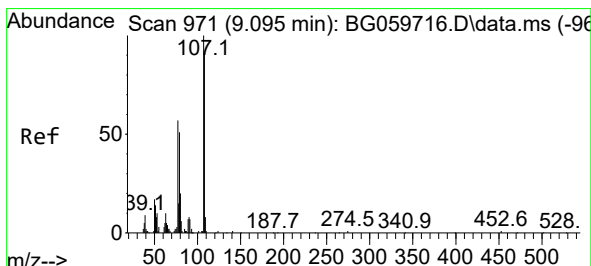
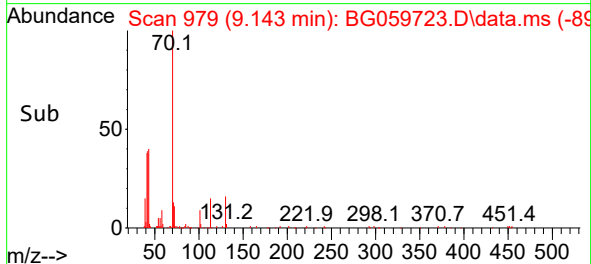
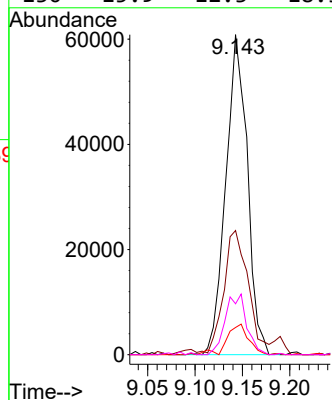
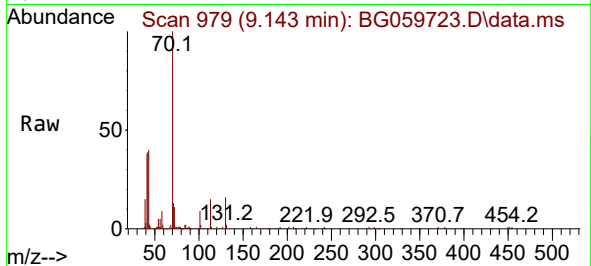




#19
n-Nitroso-di-n-propylamine
Concen: 42.579 ng
RT: 9.143 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

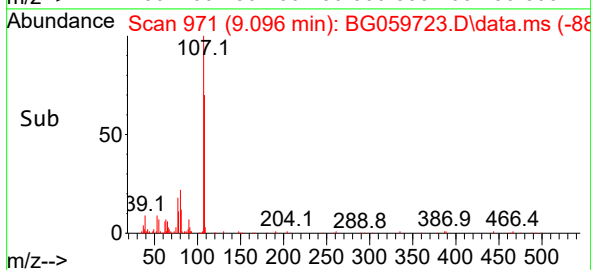
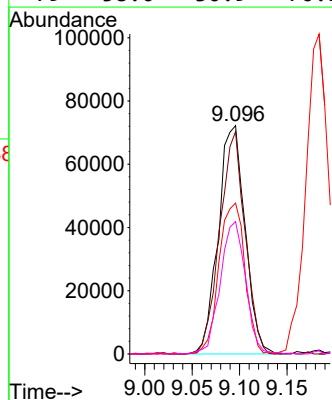
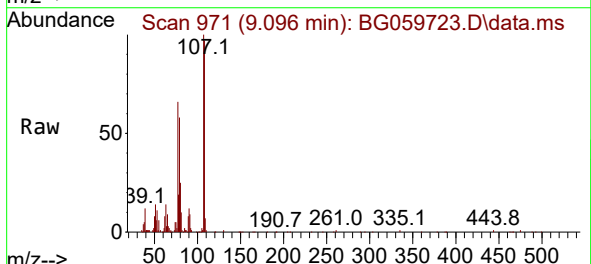
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

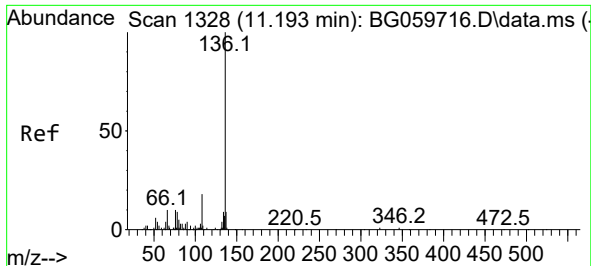
Tgt Ion: 70	Resp: 96422
Ion Ratio	Lower Upper
70	100
42	38.8 32.8 49.2
101	8.5 7.7 11.5
130	15.9 12.3 18.5



#20
3+4-Methylphenols
Concen: 46.787 ng
RT: 9.096 min Scan# 971
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion: 107	Resp: 141790
Ion Ratio	Lower Upper
107	100
108	97.5 71.1 111.1
77	66.1 37.5 77.5
79	58.0 30.9 70.9

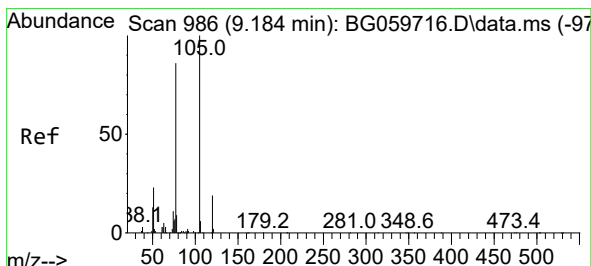
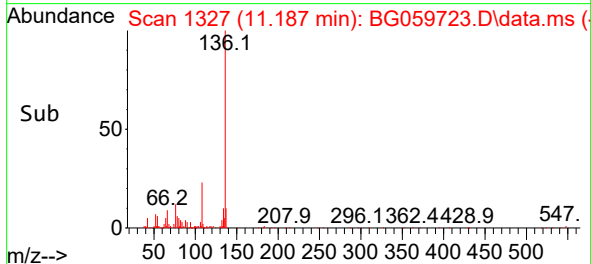
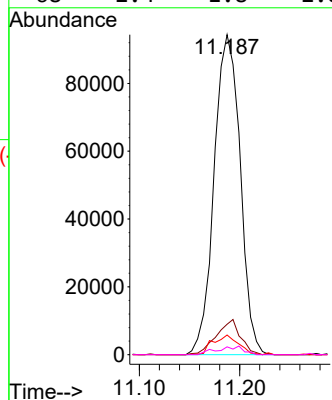
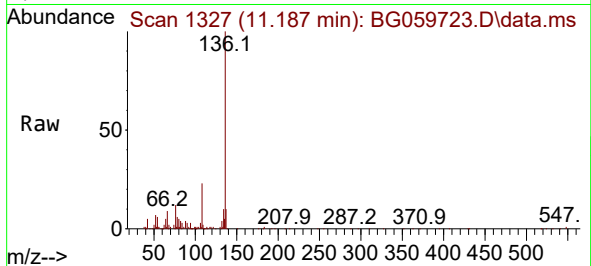




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

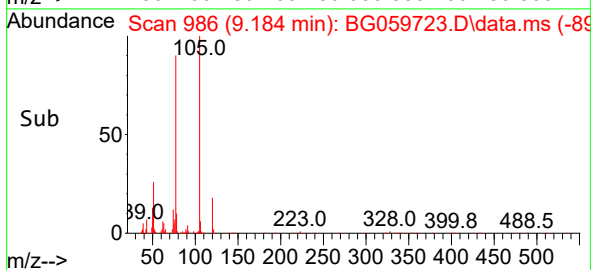
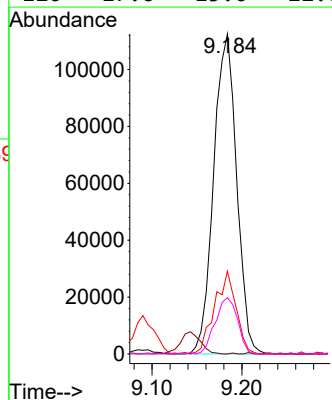
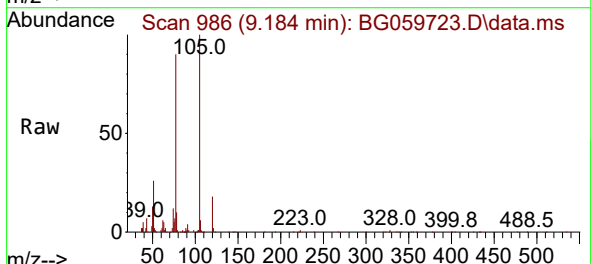
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

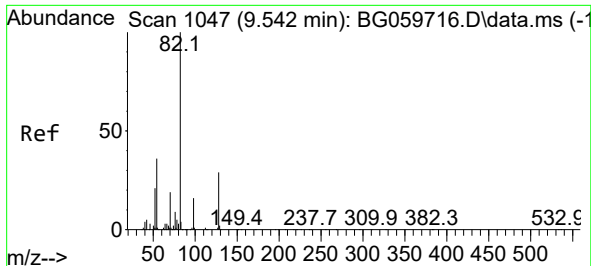
Tgt Ion:136	Resp:	170040
Ion Ratio	Lower	Upper
136	100	
137	9.5	7.4 11.0
54	6.2	3.1 4.7#
68	2.4	1.8 2.8



#22
Acetophenone
Concen: 41.498 ng
RT: 9.184 min Scan# 986
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:105	Resp:	199772
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	25.9	18.4 27.6
120	17.6	15.0 22.6

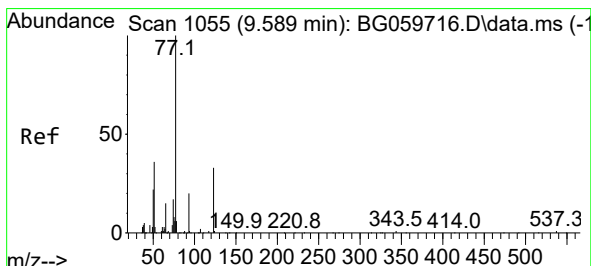
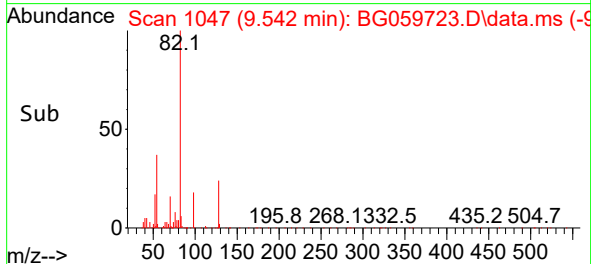
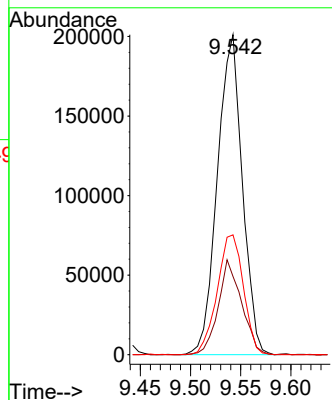
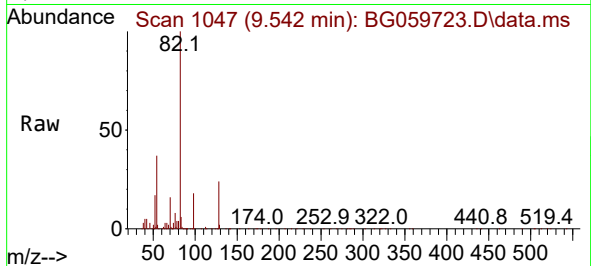




#23
Nitrobenzene-d5
Concen: 78.024 ng
RT: 9.542 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

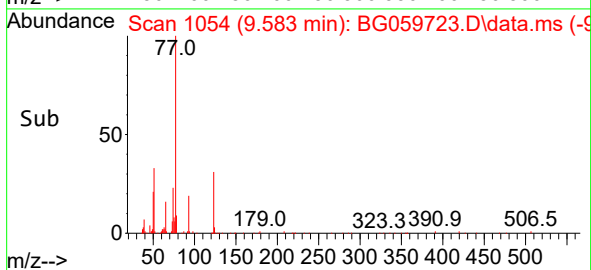
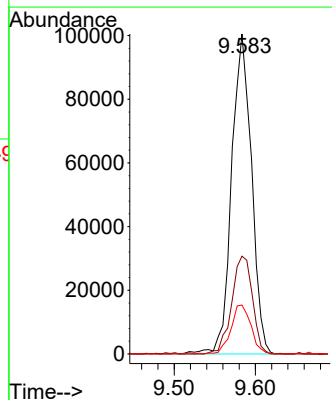
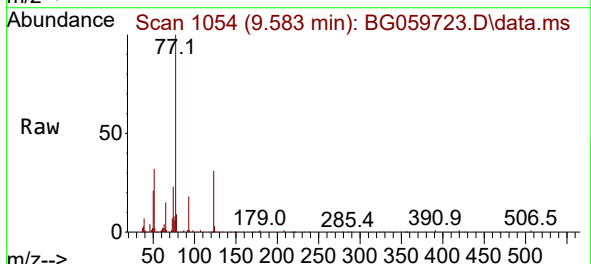
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

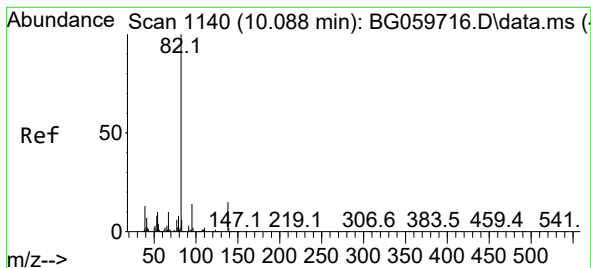
Tgt Ion: 82 Resp: 347381
Ion Ratio Lower Upper
82 100
128 24.4 23.0 34.6
54 37.4 28.7 43.1



#24
Nitrobenzene
Concen: 41.616 ng
RT: 9.583 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion: 77 Resp: 170646
Ion Ratio Lower Upper
77 100
123 30.5 26.1 39.1
65 15.3 12.1 18.1





#25

Isophorone

Concen: 38.186 ng

RT: 10.089 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

Instrument :

BNA_G

ClientSampleId :

PB157140BSD

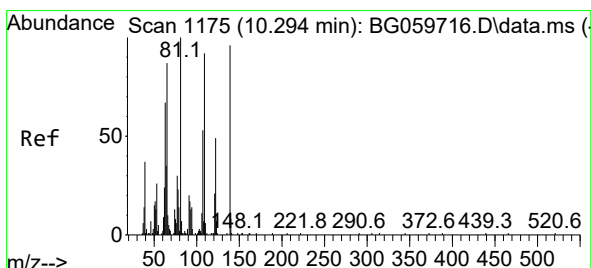
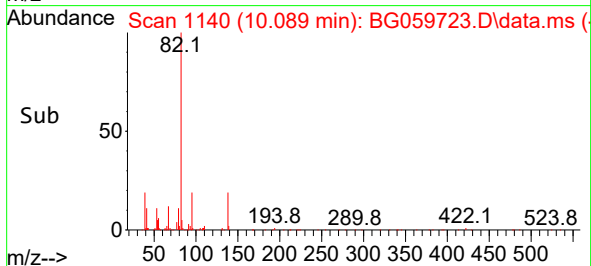
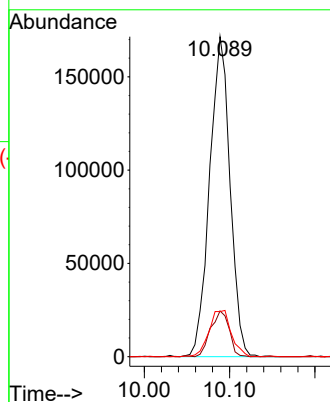
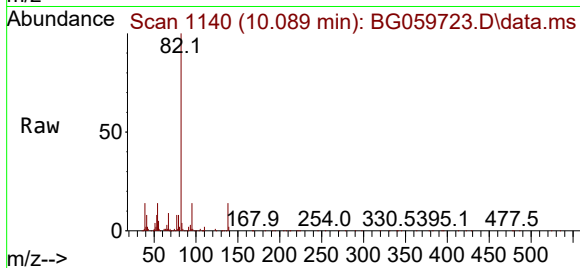
Tgt Ion: 82 Resp: 285422

Ion Ratio Lower Upper

82 100

95 14.3 11.4 17.0

138 14.1 12.1 18.1



#26

2-Nitrophenol

Concen: 43.815 ng

RT: 10.288 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

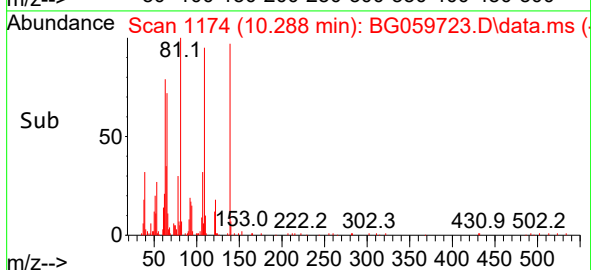
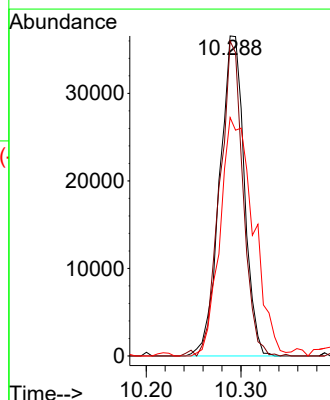
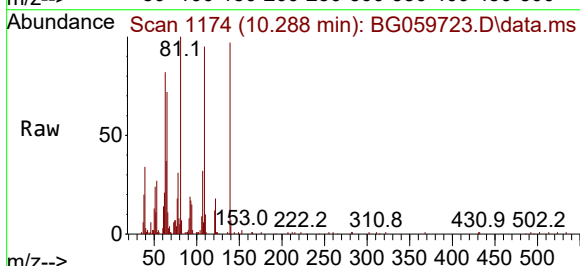
Tgt Ion:139 Resp: 65868

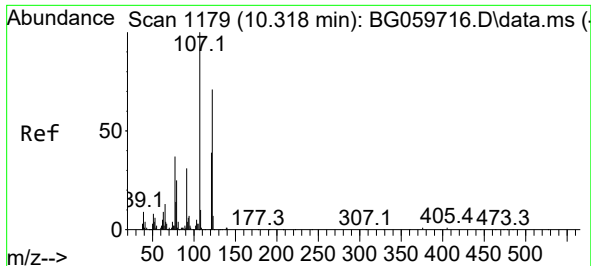
Ion Ratio Lower Upper

139 100

109 98.4 76.7 115.1

65 74.5 72.1 108.1

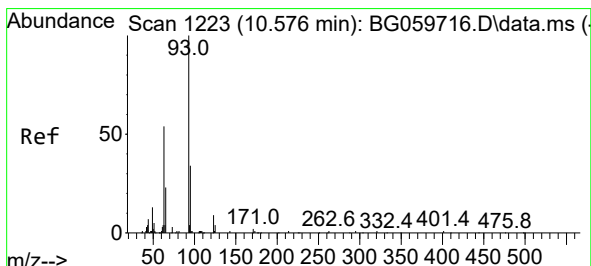
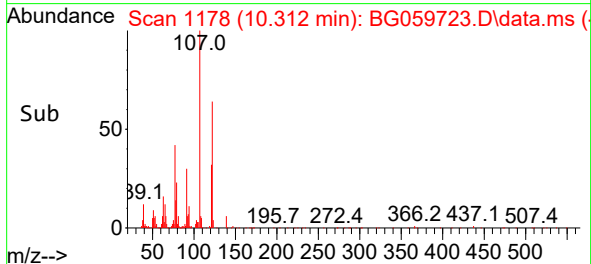
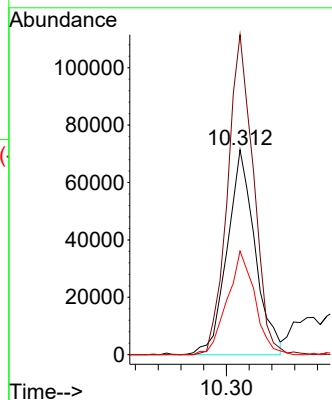
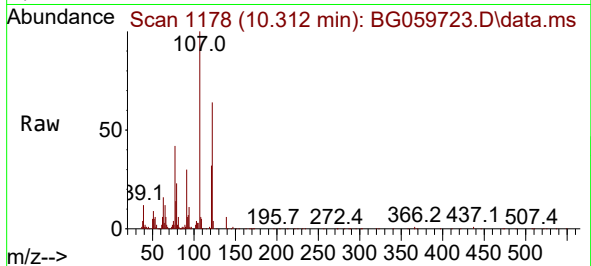




#27
2,4-Dimethylphenol
Concen: 39.709 ng
RT: 10.312 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

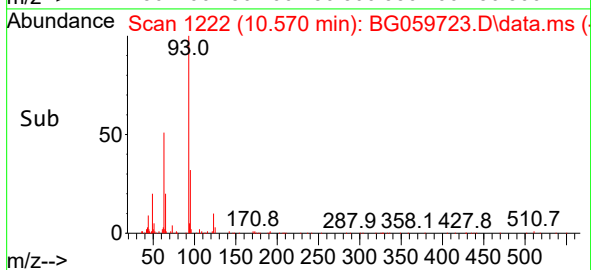
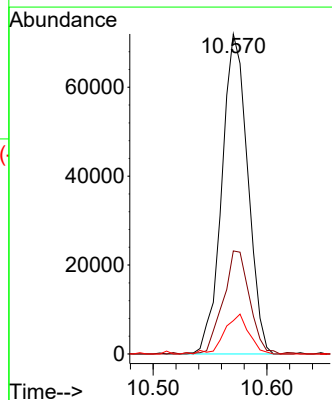
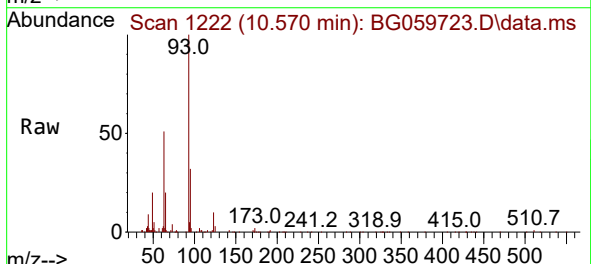
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

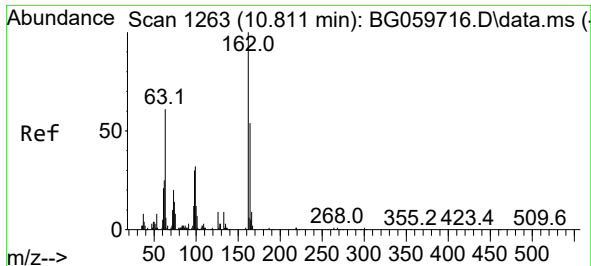
Tgt Ion:122 Resp: 121374
Ion Ratio Lower Upper
122 100
107 156.1 112.1 168.1
121 50.6 43.2 64.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.587 ng
RT: 10.570 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion: 93 Resp: 114001
Ion Ratio Lower Upper
93 100
95 32.2 27.0 40.6
123 10.4 7.6 11.4

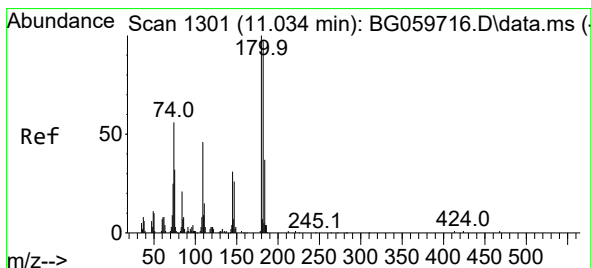
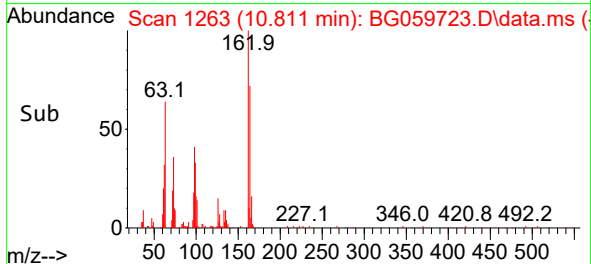
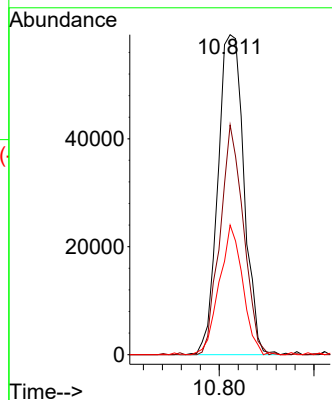
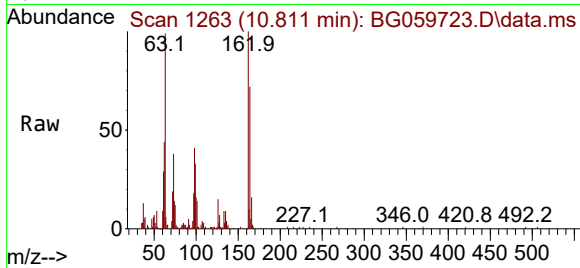




#29
2,4-Dichlorophenol
Concen: 43.271 ng
RT: 10.811 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

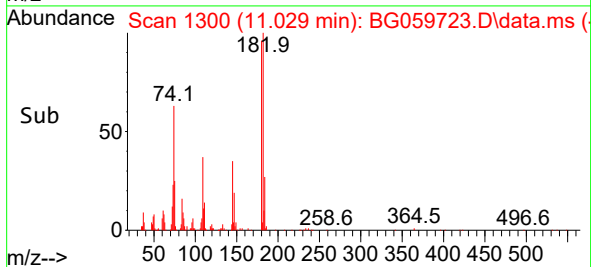
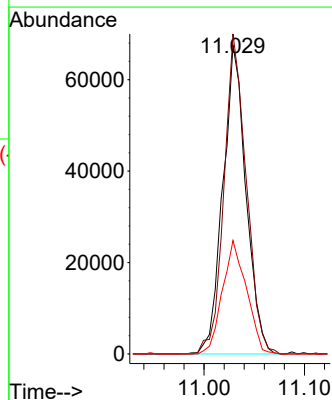
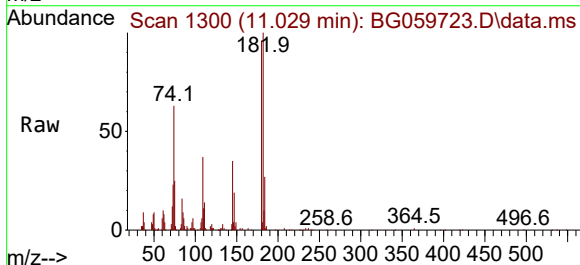
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

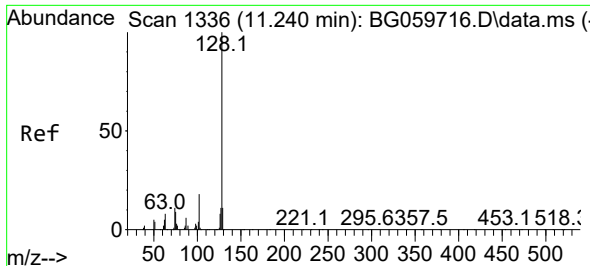
Tgt Ion:162 Resp: 112920
Ion Ratio Lower Upper
162 100
164 71.8 33.6 73.6
98 40.5 10.7 50.7



#30
1,2,4-Trichlorobenzene
Concen: 40.973 ng
RT: 11.029 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:180 Resp: 108063
Ion Ratio Lower Upper
180 100
182 103.7 77.4 116.2
145 36.8 24.4 36.6#

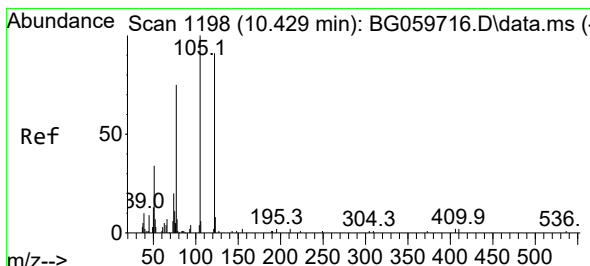
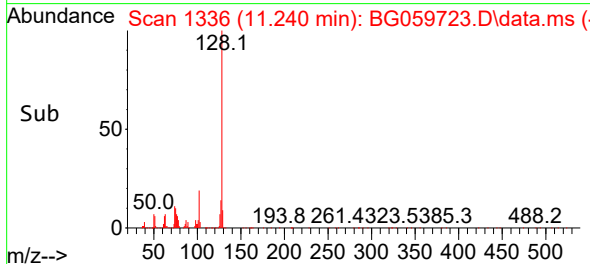
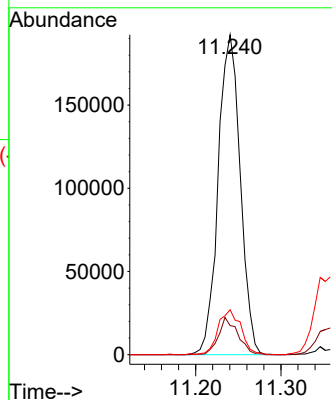
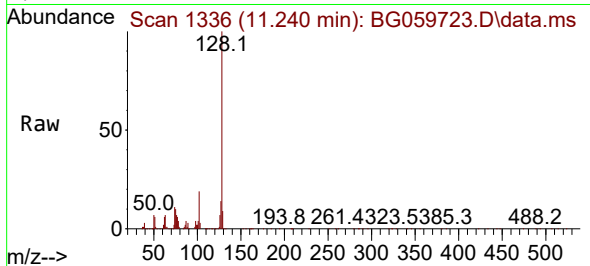




#31
Naphthalene
Concen: 40.527 ng
RT: 11.240 min Scan# 111
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

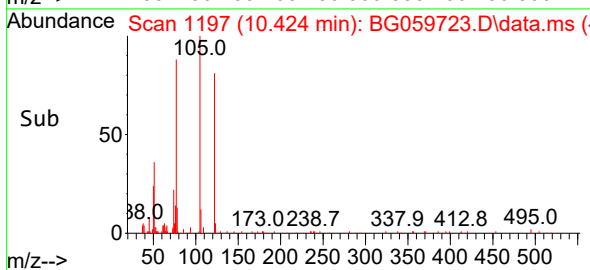
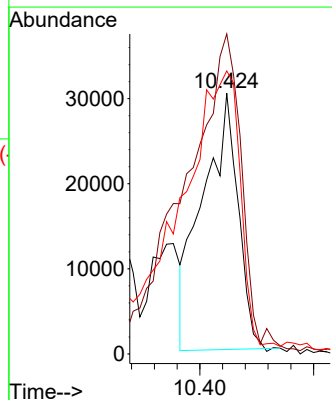
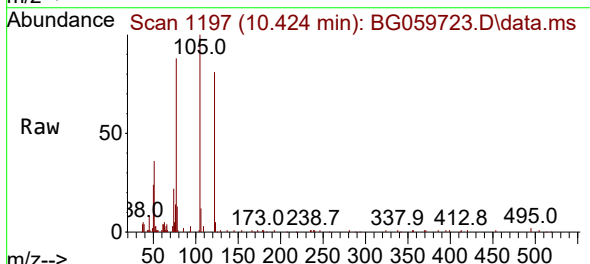
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

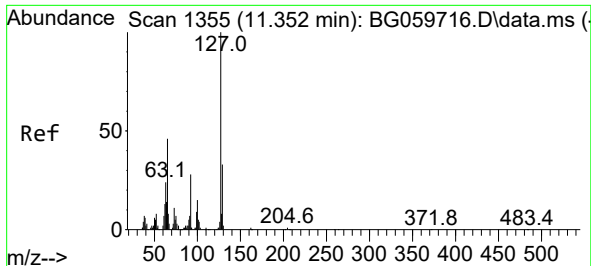
Tgt Ion:128 Resp: 346521
Ion Ratio Lower Upper
128 100
129 9.1 8.7 13.1
127 14.0 9.2 13.8#



#32
Benzoic acid
Concen: 31.138 ng
RT: 10.424 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:122 Resp: 64772
Ion Ratio Lower Upper
122 100
105 122.7 103.7 143.7
77 108.6 82.3 122.3

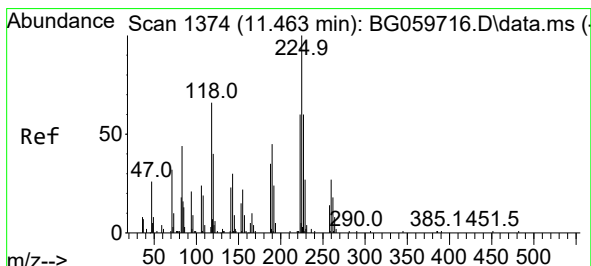
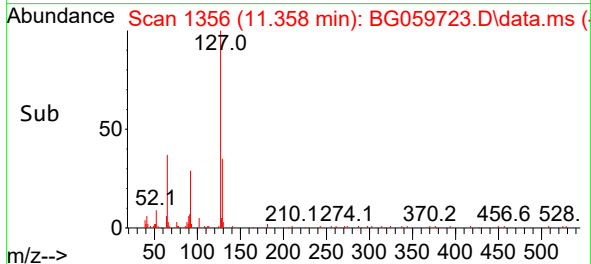
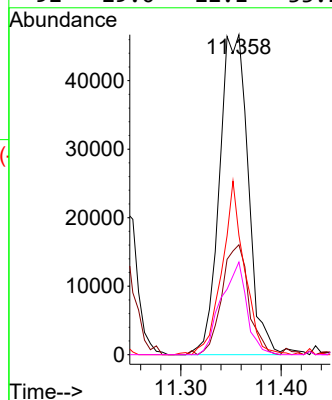
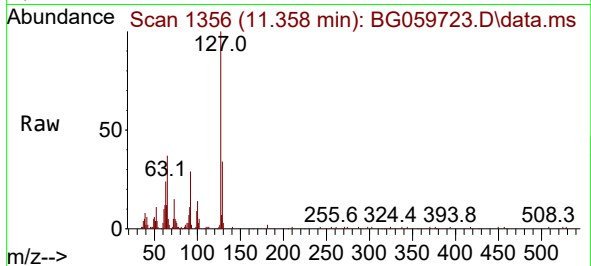




#33
4-Chloroaniline
Concen: 25.472 ng
RT: 11.358 min Scan# 11358
Delta R.T. 0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

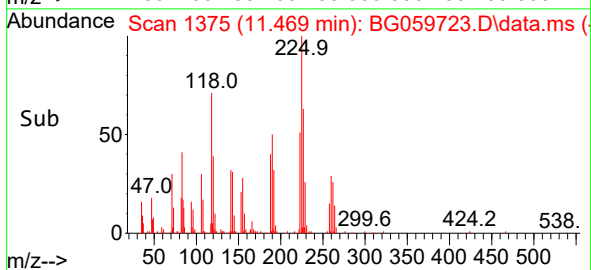
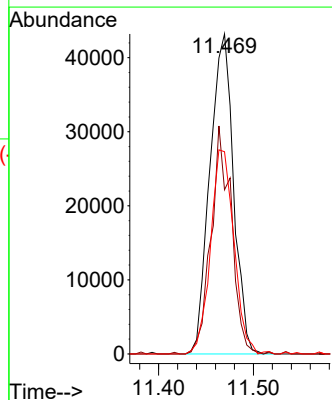
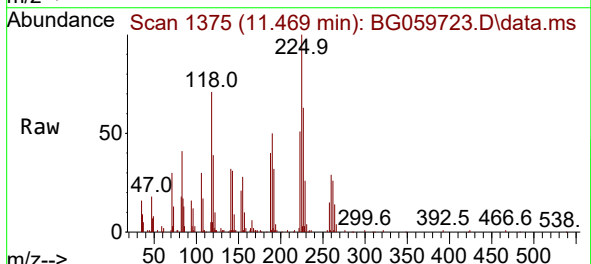
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

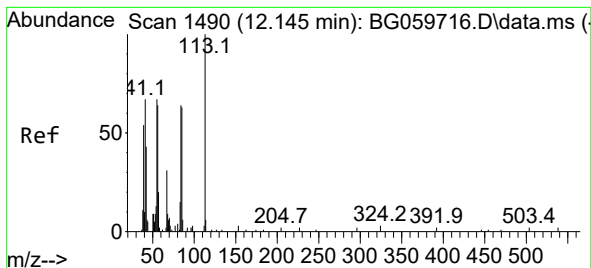
Tgt Ion:	127	Resp:	92637
Ion Ratio	Lower	Upper	
127	100		
129	34.3	26.8	40.2
65	37.3	36.5	54.7
92	29.0	22.1	33.1



#34
Hexachlorobutadiene
Concen: 41.681 ng
RT: 11.469 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:	225	Resp:	74817
Ion Ratio	Lower	Upper	
225	100		
223	51.3	46.6	69.8
227	63.2	48.2	72.2

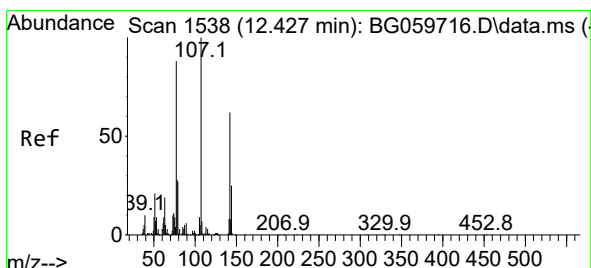
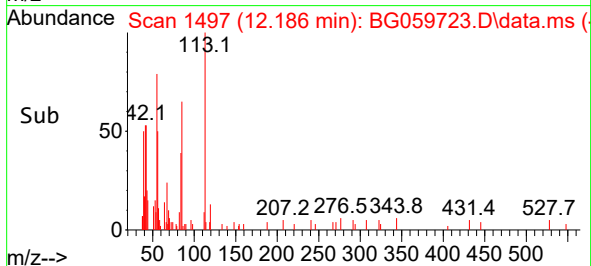
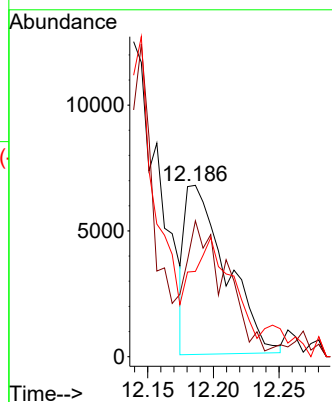
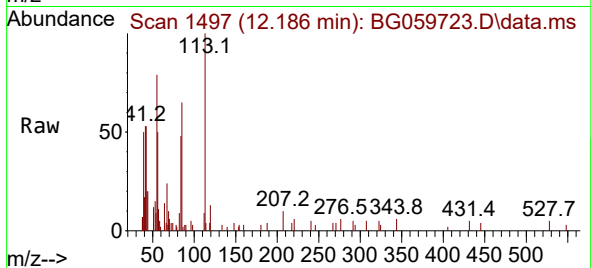




#35
Caprolactam
Concen: 15.317 ng
RT: 12.186 min Scan# 1490
Delta R.T. 0.041 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

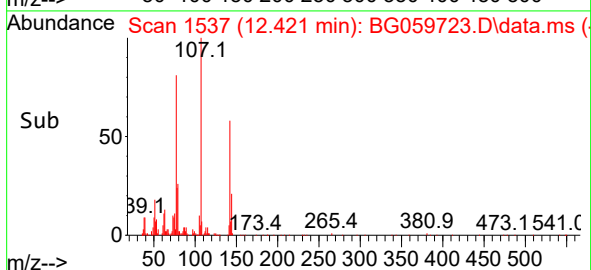
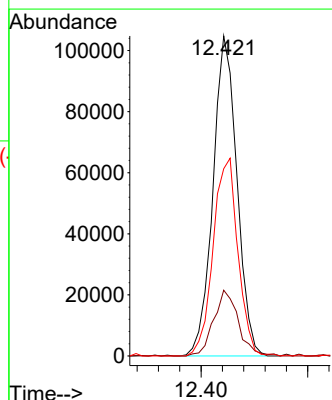
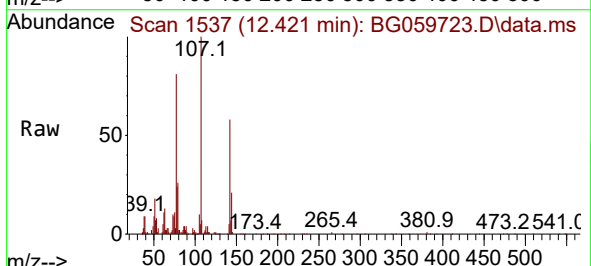
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

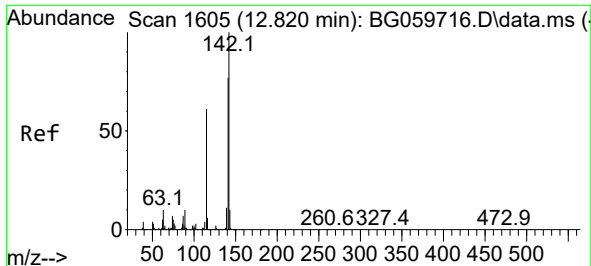
Tgt Ion:113 Resp: 14609
Ion Ratio Lower Upper
113 100
55 79.3 47.1 87.1
56 49.8 43.7 83.7



#36
4-Chloro-3-methylphenol
Concen: 47.197 ng
RT: 12.421 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:107 Resp: 163803
Ion Ratio Lower Upper
107 100
144 20.5 20.2 30.4
142 58.5 49.4 74.0





#37

2-Methylnaphthalene

Concen: 38.562 ng

RT: 12.821 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

Instrument :

BNA_G

ClientSampleId :

PB157140BSD

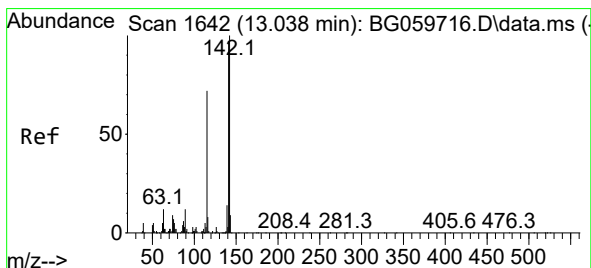
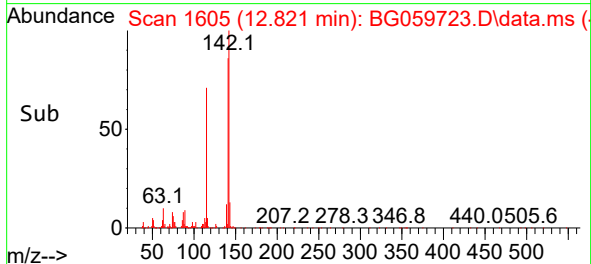
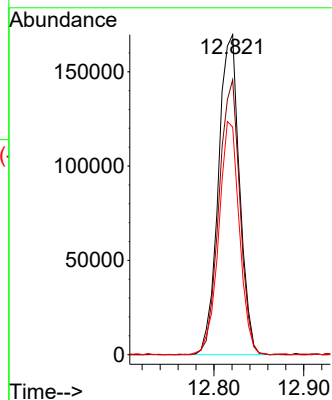
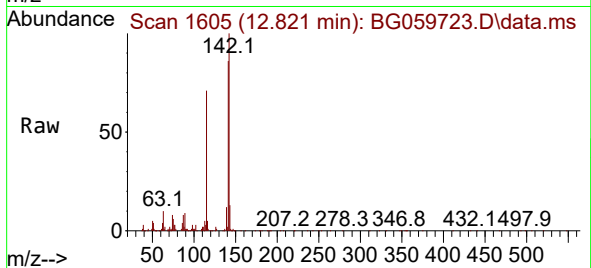
Tgt Ion:142 Resp: 277702

Ion Ratio Lower Upper

142 100

141 85.9 61.9 92.9

115 71.1 49.0 73.4



#38

1-Methylnaphthalene

Concen: 38.967 ng

RT: 13.032 min Scan# 1641

Delta R.T. -0.006 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

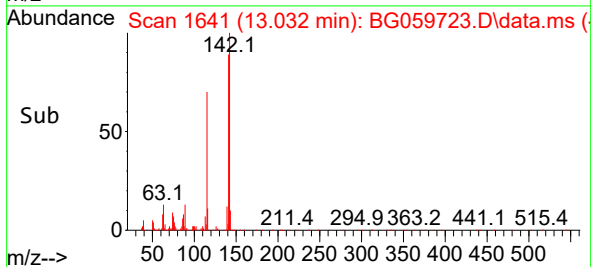
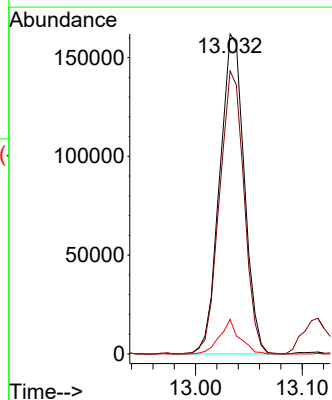
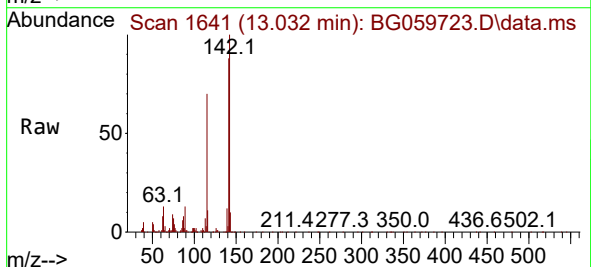
Tgt Ion:142 Resp: 258784

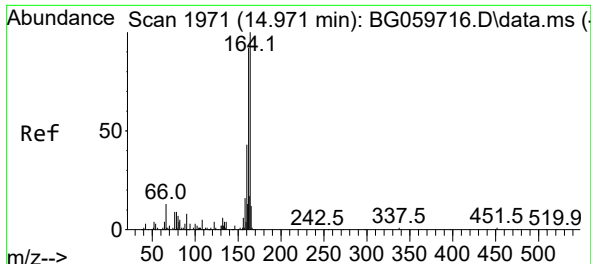
Ion Ratio Lower Upper

142 100

141 88.5 77.8 116.8

116 10.8 6.2 9.2#

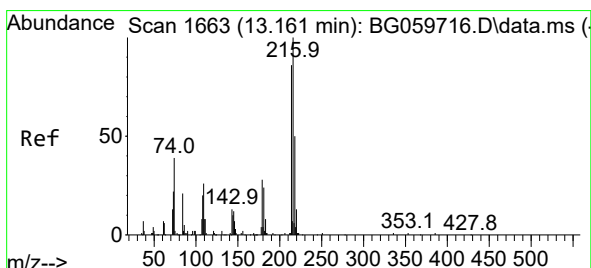
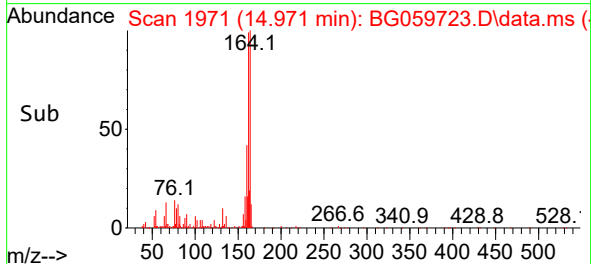
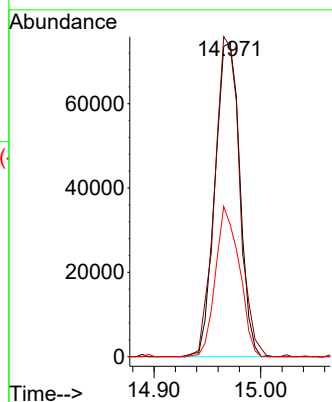
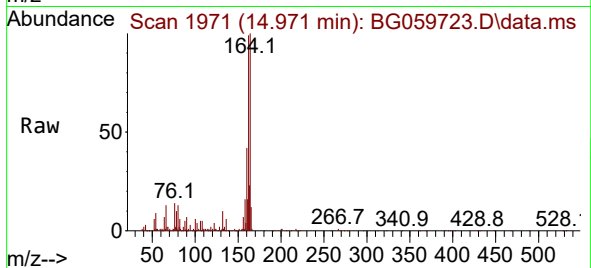




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

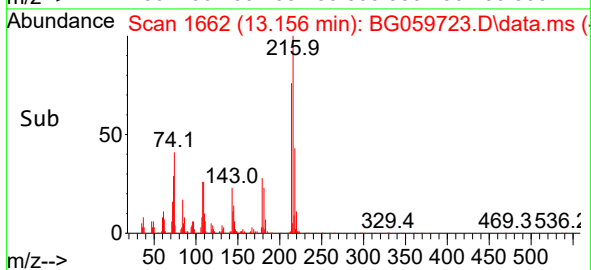
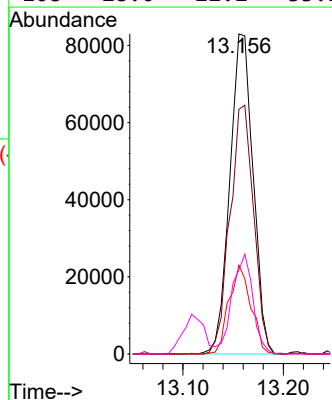
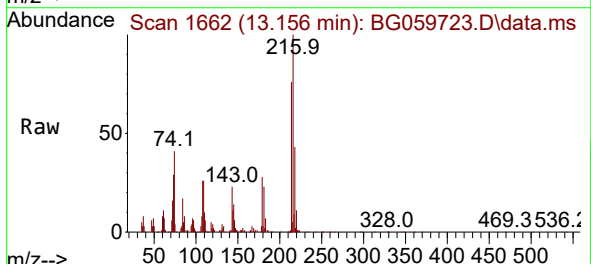
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

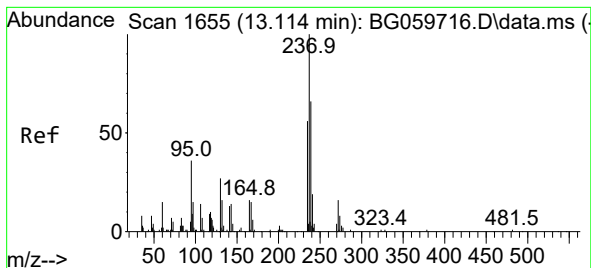
Tgt Ion:164 Resp: 119359
Ion Ratio Lower Upper
164 100
162 98.8 73.3 109.9
160 42.2 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.508 ng
RT: 13.156 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:216 Resp: 133801
Ion Ratio Lower Upper
216 100
214 79.0 61.0 91.4
179 26.2 20.2 30.2
108 28.0 22.2 33.2





#41

Hexachlorocyclopentadiene

Concen: 89.756 ng

RT: 13.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

Instrument :

BNA_G

ClientSampleId :

PB157140BSD

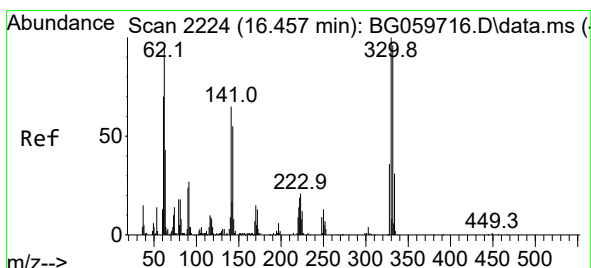
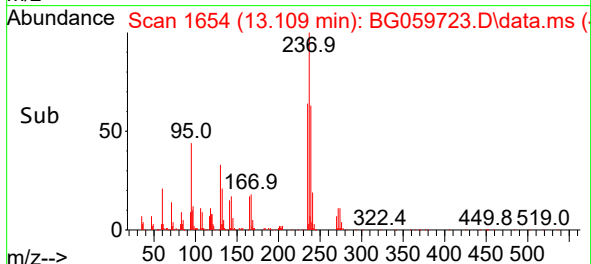
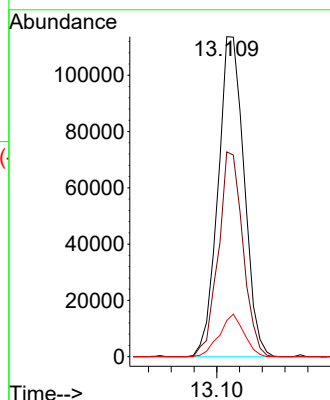
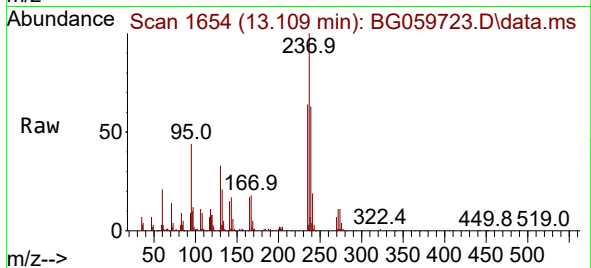
Tgt Ion:237 Resp: 181487

Ion Ratio Lower Upper

237 100

235 64.0 36.0 76.0

272 11.3 0.0 36.5



#42

2,4,6-Tribromophenol

Concen: 145.953 ng

RT: 16.458 min Scan# 2224

Delta R.T. 0.000 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

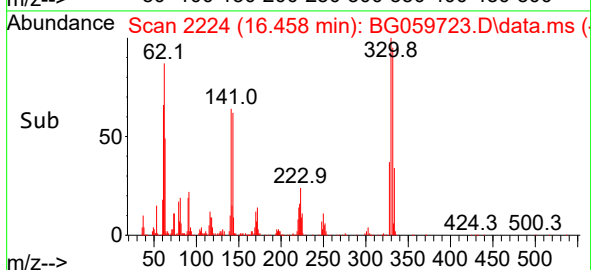
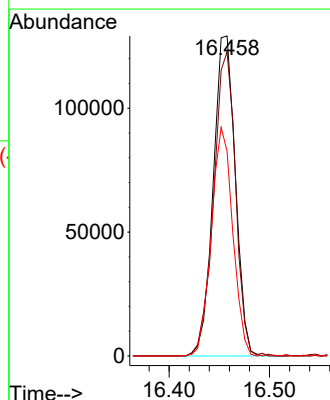
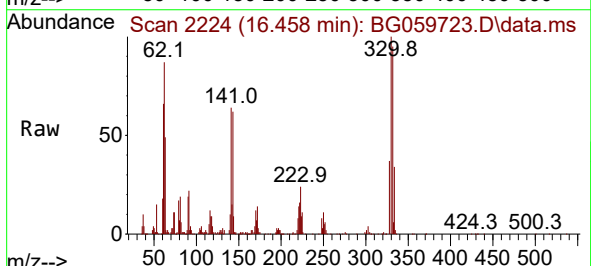
Tgt Ion:330 Resp: 197661

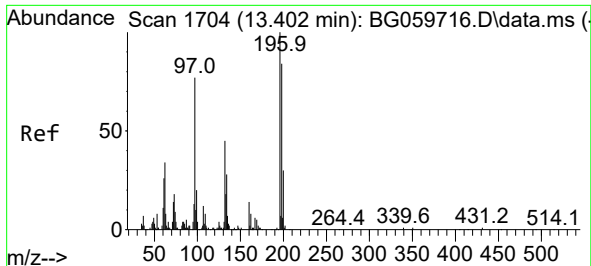
Ion Ratio Lower Upper

330 100

332 93.9 73.3 109.9

141 69.1 52.1 78.1

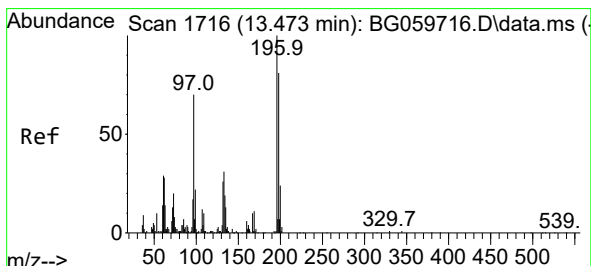
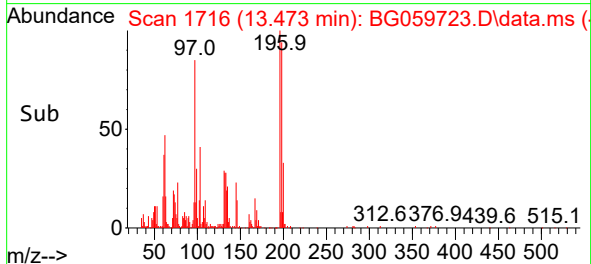
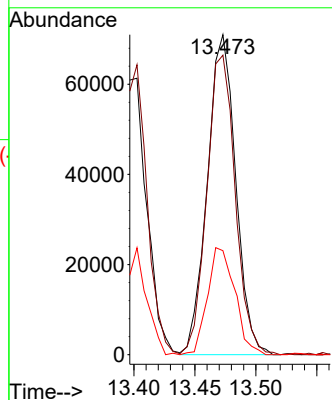
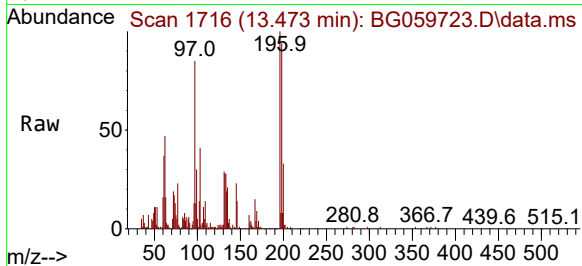




#43
2,4,6-Trichlorophenol
Concen: 51.411 ng
RT: 13.473 min Scan# 1716
Delta R.T. 0.071 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

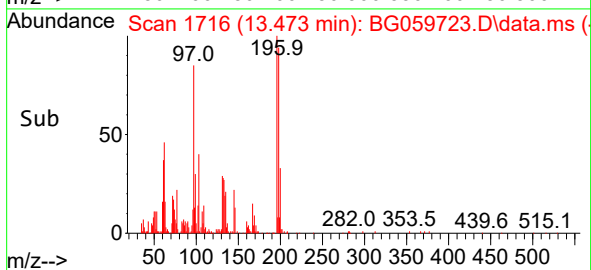
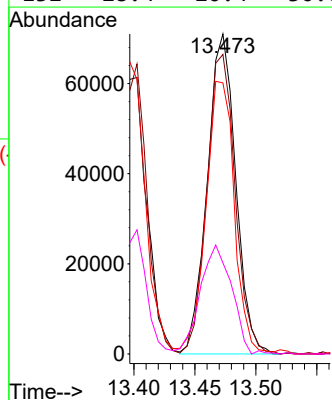
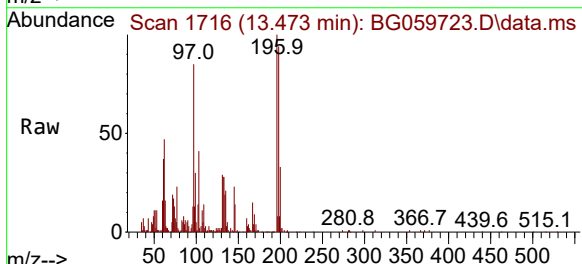
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

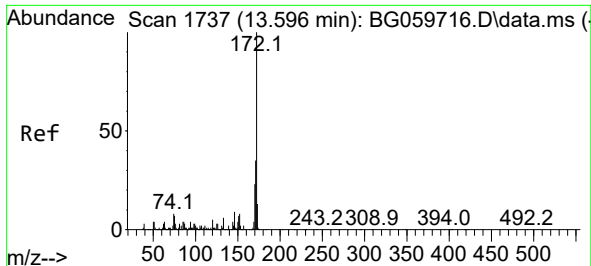
Tgt Ion:196 Resp: 115241
Ion Ratio Lower Upper
196 100
198 93.6 67.6 101.4
200 32.5 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 43.754 ng
RT: 13.473 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:196 Resp: 115241
Ion Ratio Lower Upper
196 100
198 93.6 66.7 100.1
97 84.7 55.9 83.9#
132 28.4 20.4 30.6

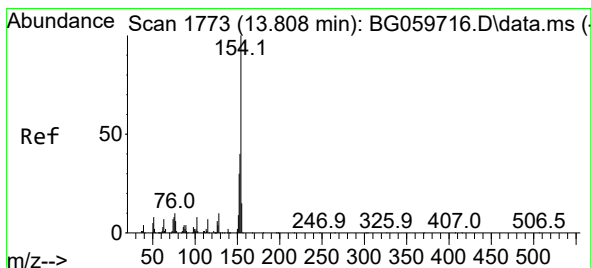
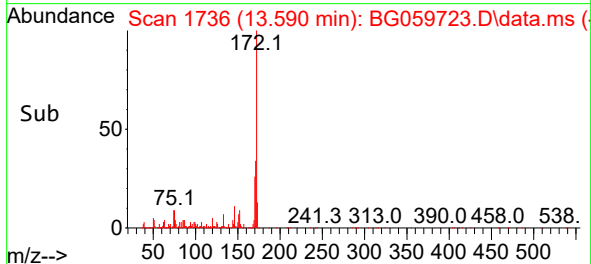
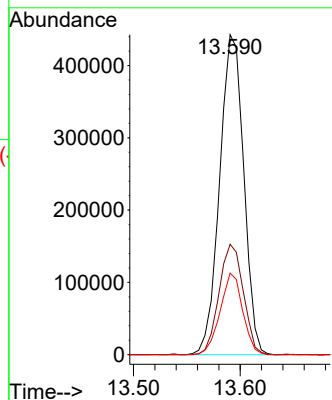
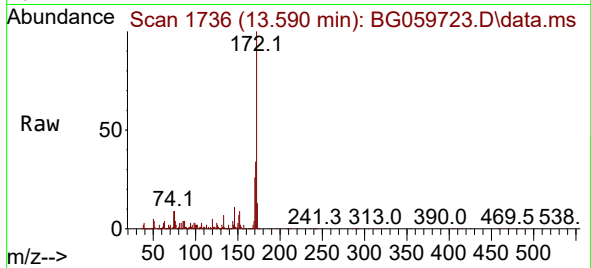




#45
2-Fluorobiphenyl
Concen: 78.255 ng
RT: 13.590 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

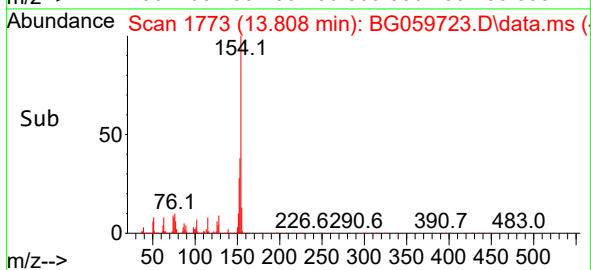
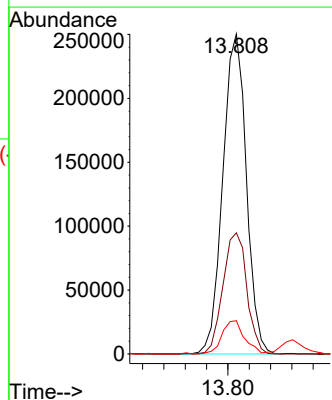
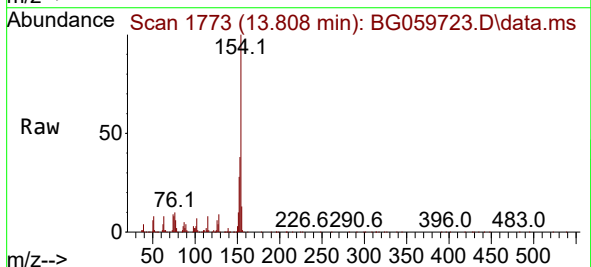
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

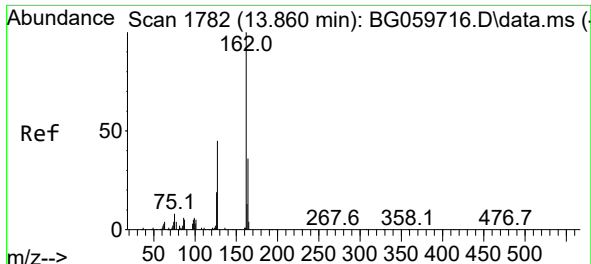
Tgt Ion:172 Resp: 693913
Ion Ratio Lower Upper
172 100
171 34.5 27.7 41.5
170 25.5 18.4 27.6



#46
1,1'-Biphenyl
Concen: 40.886 ng
RT: 13.808 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:154 Resp: 383048
Ion Ratio Lower Upper
154 100
153 37.8 19.7 59.7
76 10.4 0.0 30.4

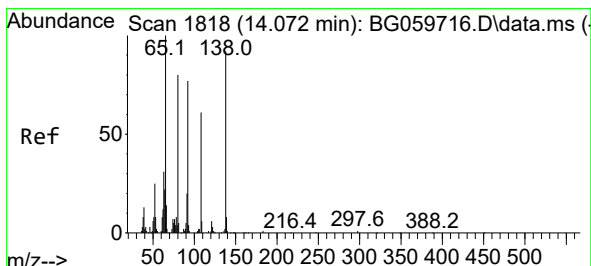
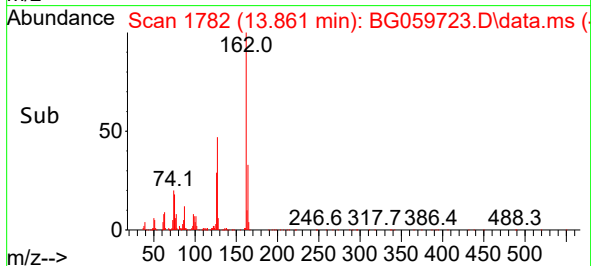
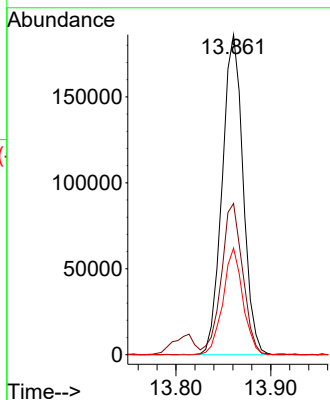
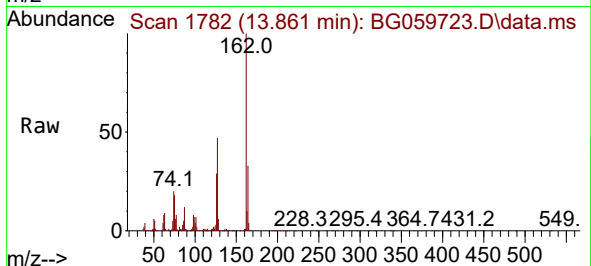




#47
2-Chloronaphthalene
Concen: 44.219 ng
RT: 13.861 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

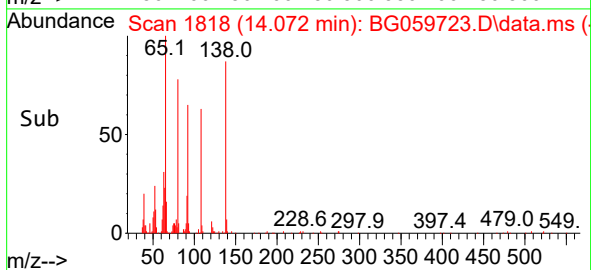
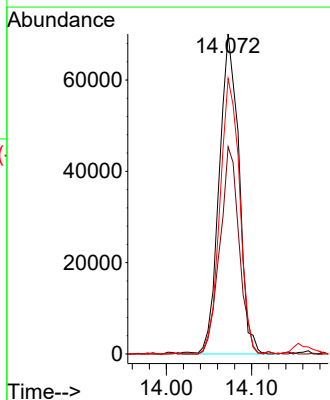
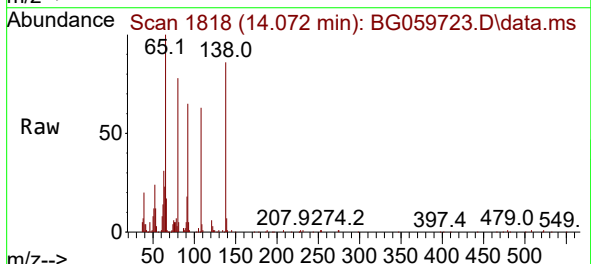
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

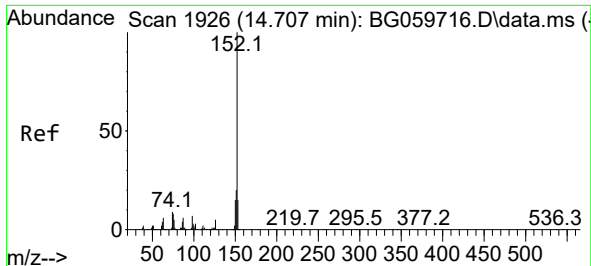
Tgt Ion:162 Resp: 284656
Ion Ratio Lower Upper
162 100
127 47.2 41.0 61.6
164 33.3 28.9 43.3



#48
2-Nitroaniline
Concen: 49.043 ng
RT: 14.072 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion: 65 Resp: 112718
Ion Ratio Lower Upper
65 100
92 64.8 61.2 91.8
138 86.1 73.8 110.6

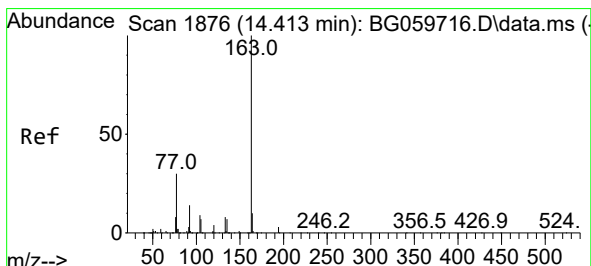
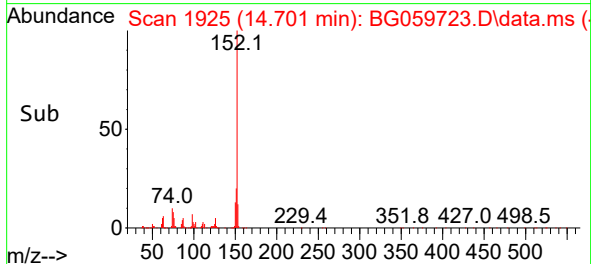
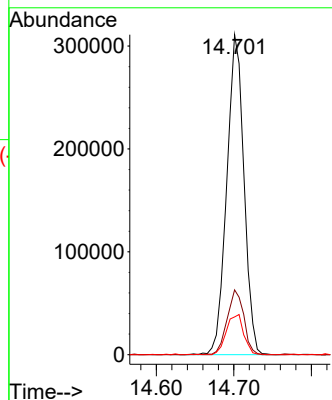
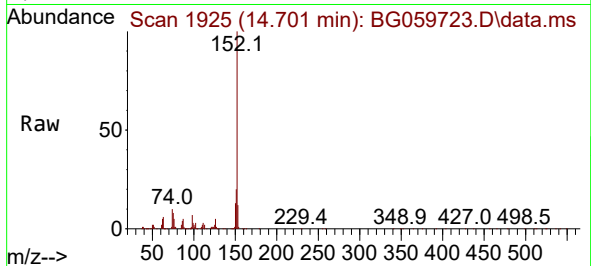




#49
Acenaphthylene
Concen: 43.810 ng
RT: 14.701 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

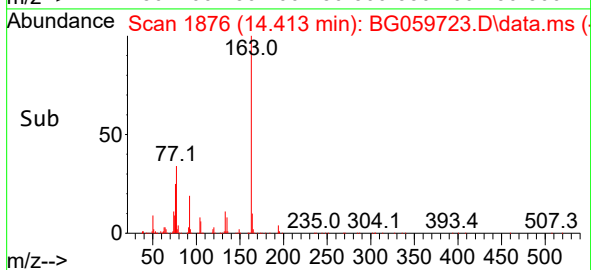
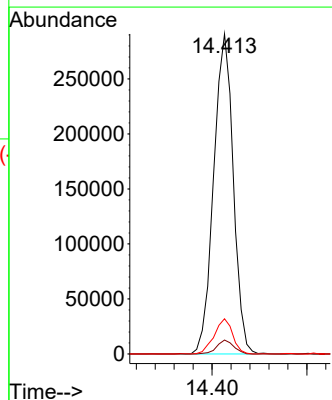
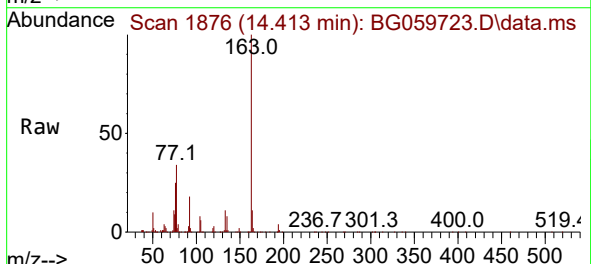
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

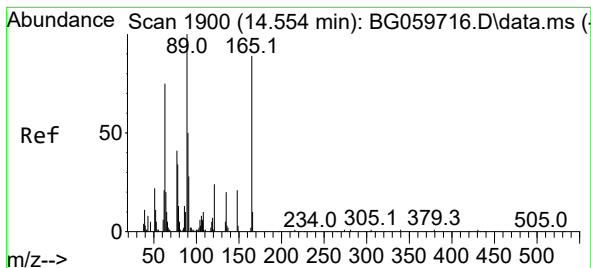
Tgt Ion:152 Resp: 480883
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 11.8 12.2 18.4#



#50
Dimethylphthalate
Concen: 45.202 ng
RT: 14.413 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:163 Resp: 418101
Ion Ratio Lower Upper
163 100
194 4.3 2.8 4.2#
164 11.0 8.2 12.2

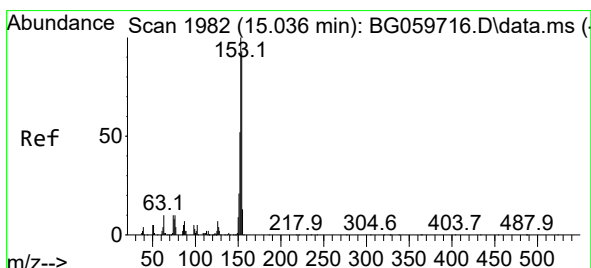
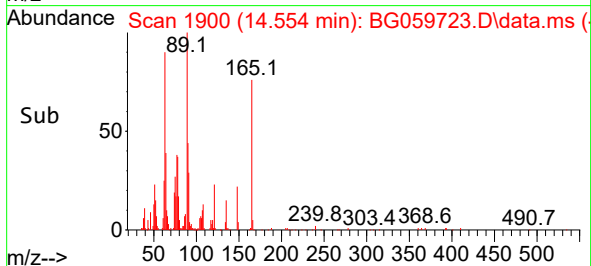
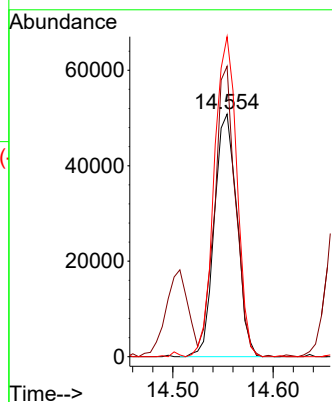
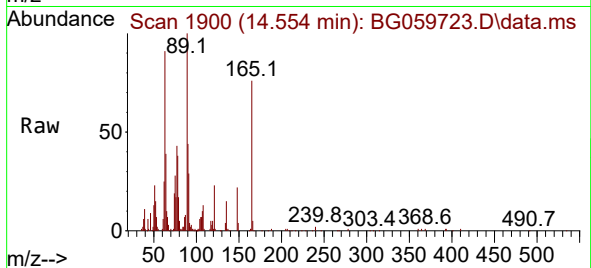




#51
2,6-Dinitrotoluene
Concen: 45.237 ng
RT: 14.554 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

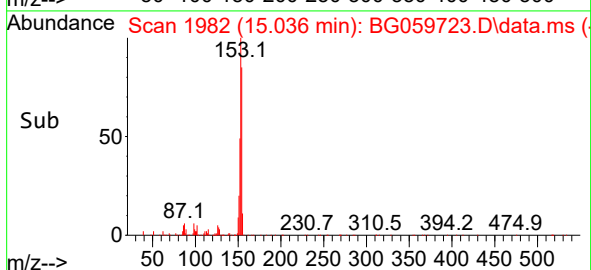
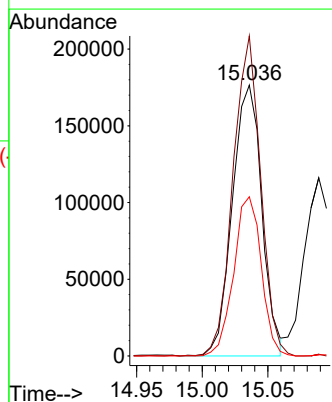
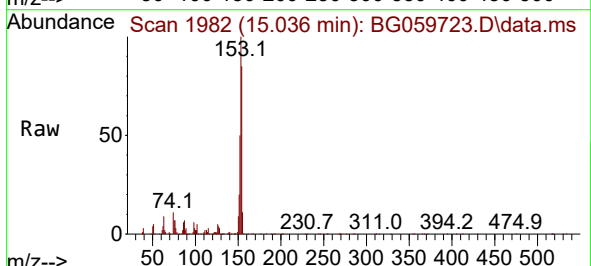
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

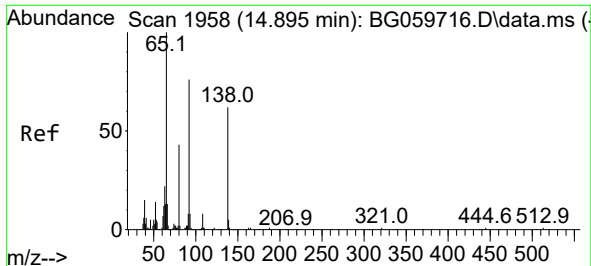
Tgt Ion:165 Resp: 79379
Ion Ratio Lower Upper
165 100
63 119.7 75.3 112.9#
89 131.9 90.9 136.3



#52
Acenaphthene
Concen: 41.804 ng
RT: 15.036 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:154 Resp: 275956
Ion Ratio Lower Upper
154 100
153 118.2 85.8 128.8
152 58.8 44.4 66.6

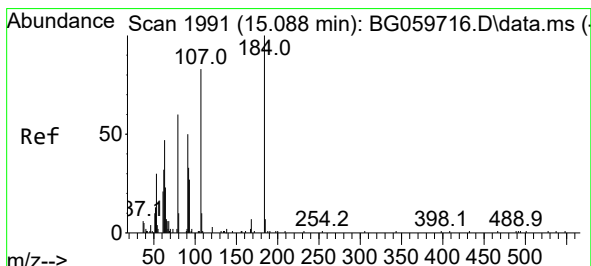
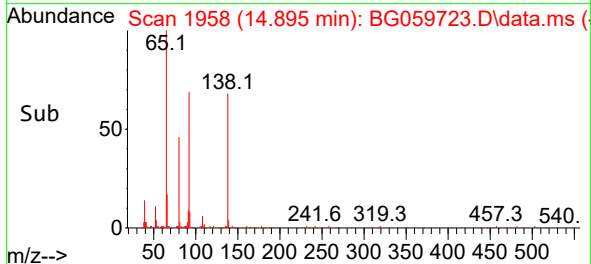
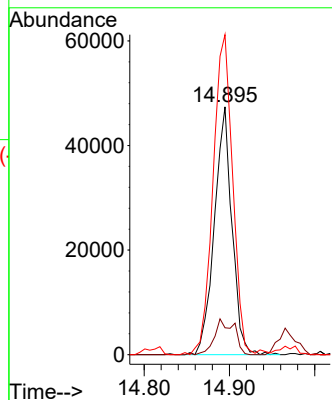
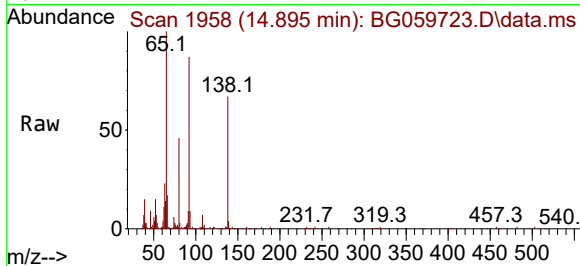




#53
3-Nitroaniline
Concen: 33.141 ng
RT: 14.895 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

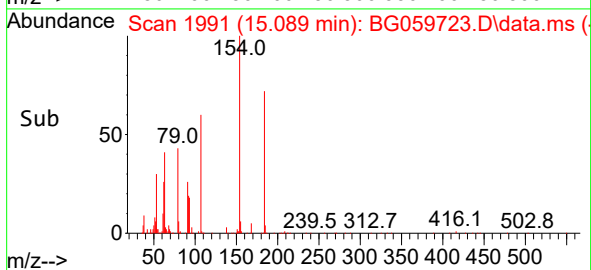
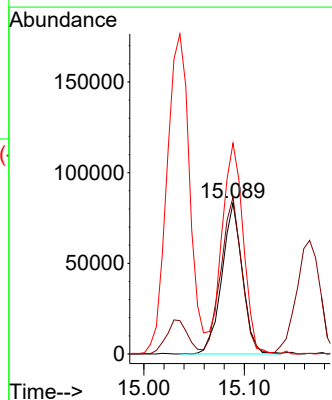
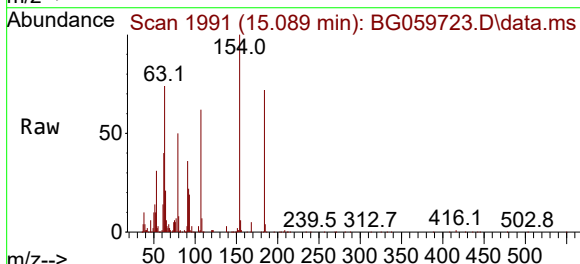
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

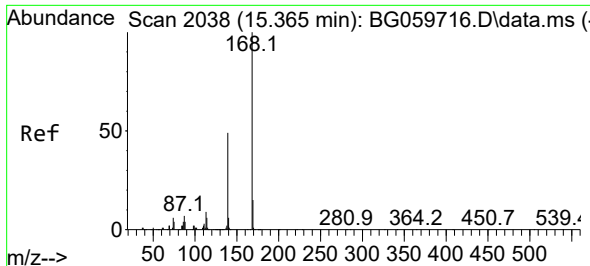
Tgt Ion:138 Resp: 68070
Ion Ratio Lower Upper
138 100
108 10.9 9.9 14.9
92 129.1 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 90.563 ng
RT: 15.089 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:184 Resp: 118088
Ion Ratio Lower Upper
184 100
63 103.9 58.3 87.5#
154 139.6 94.1 141.1

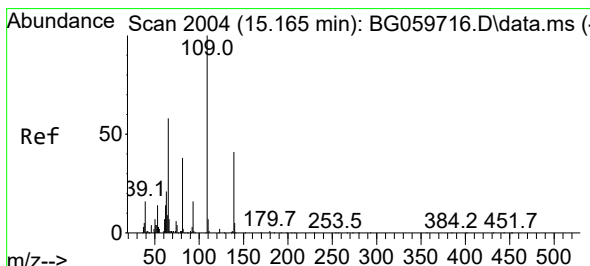
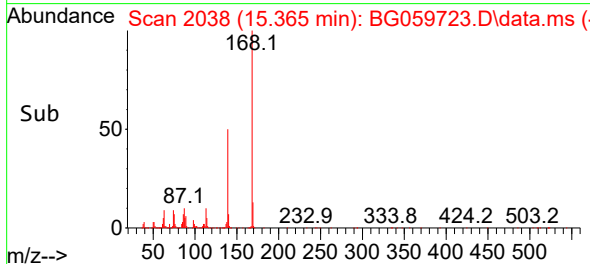
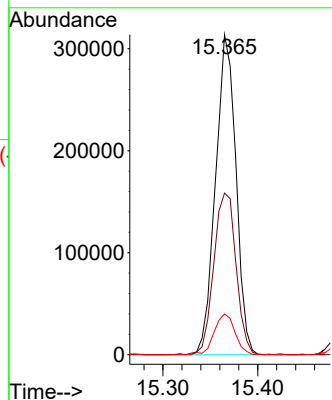
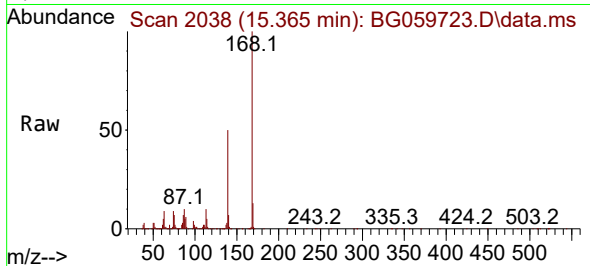




#55
Dibenzofuran
Concen: 43.132 ng
RT: 15.365 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

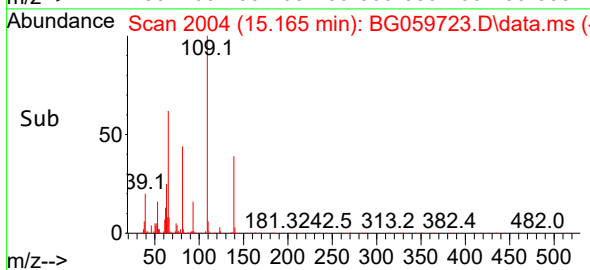
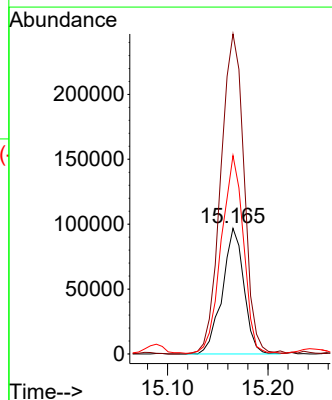
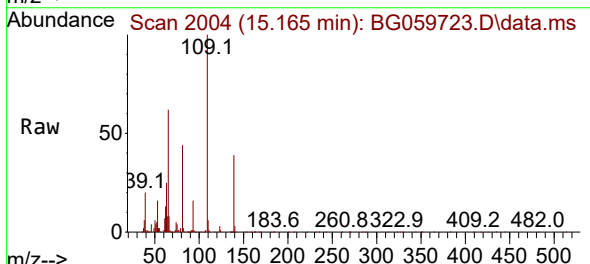
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

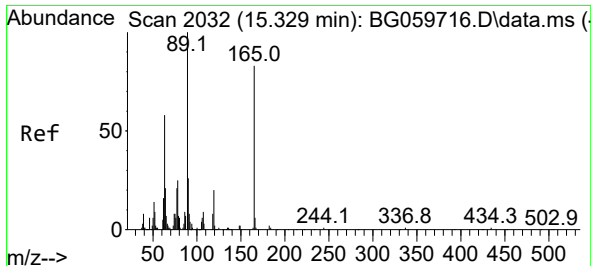
Tgt Ion:168 Resp: 469438
Ion Ratio Lower Upper
168 100
139 50.5 38.9 58.3
169 12.7 11.8 17.8



#56
4-Nitrophenol
Concen: 91.784 ng
RT: 15.165 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:139 Resp: 144230
Ion Ratio Lower Upper
139 100
109 254.6 223.4 263.4
65 157.9 120.6 160.6





#57

2,4-Dinitrotoluene

Concen: 43.989 ng

RT: 15.330 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

Instrument :

BNA_G

ClientSampleId :

PB157140BSD

Tgt Ion:165 Resp: 118705

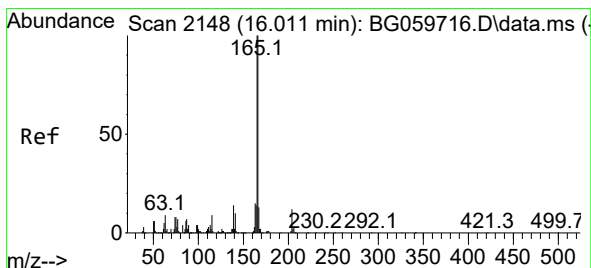
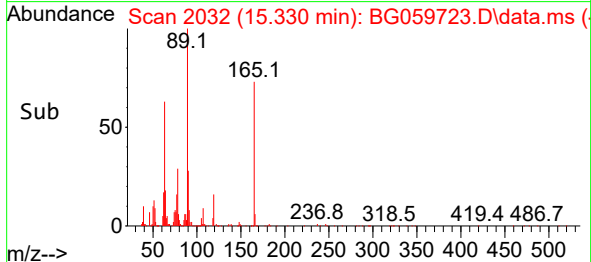
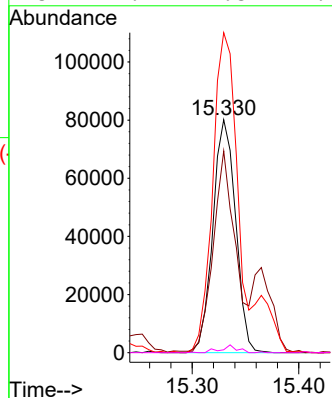
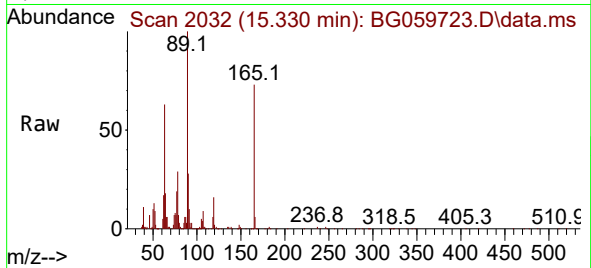
Ion Ratio Lower Upper

165 100

63 86.6 55.8 83.8#

89 137.3 96.9 145.3

182 1.2 1.8 2.6#



#58

Fluorene

Concen: 44.167 ng

RT: 16.011 min Scan# 2148

Delta R.T. 0.000 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

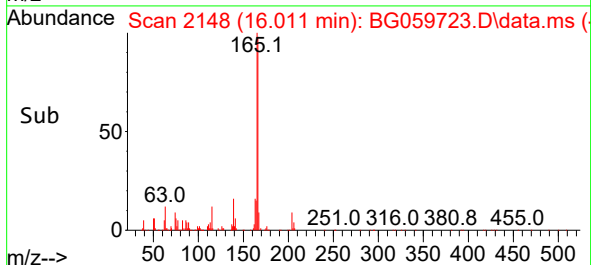
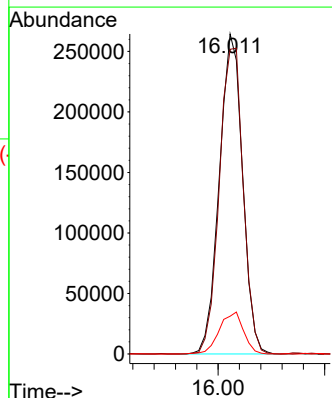
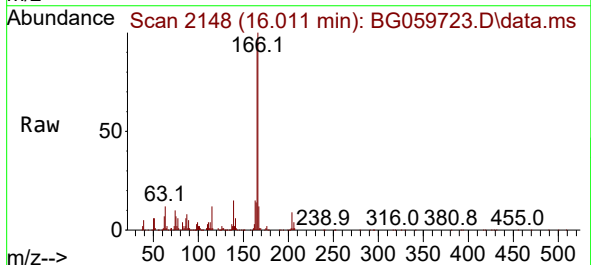
Tgt Ion:166 Resp: 399374

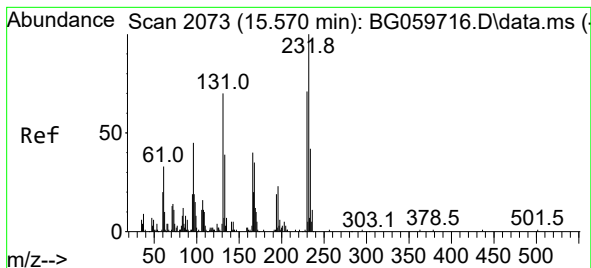
Ion Ratio Lower Upper

166 100

165 95.2 79.9 119.9

167 11.8 10.1 15.1



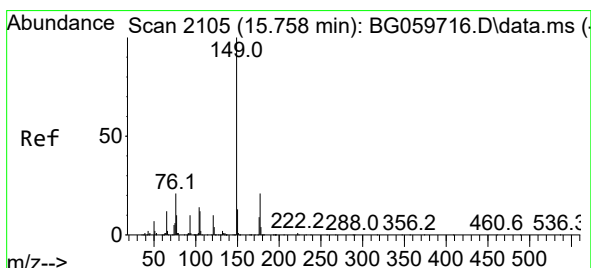
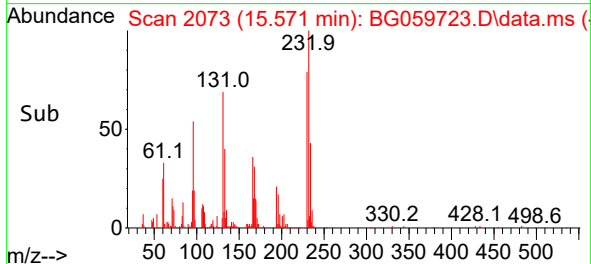
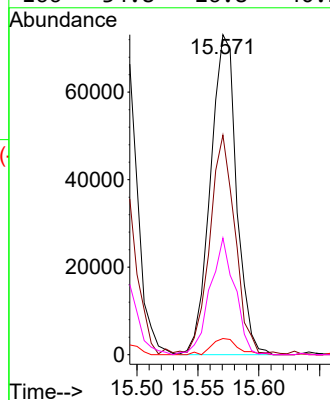
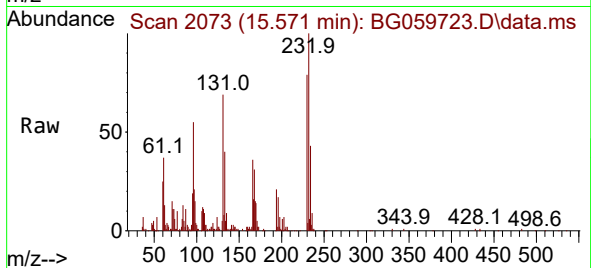


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.177 ng
RT: 15.571 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Instrument :
BNA_G
ClientSampleId :
PB157140BSD

Tgt Ion:232 Resp: 109227

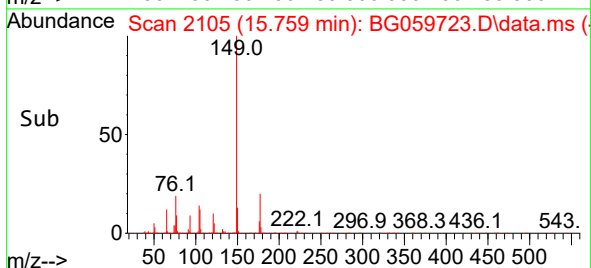
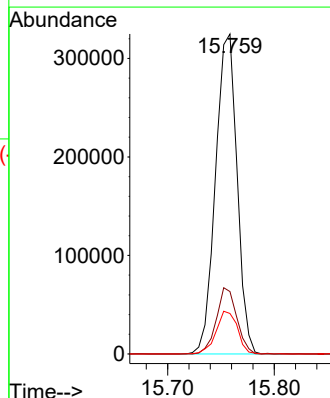
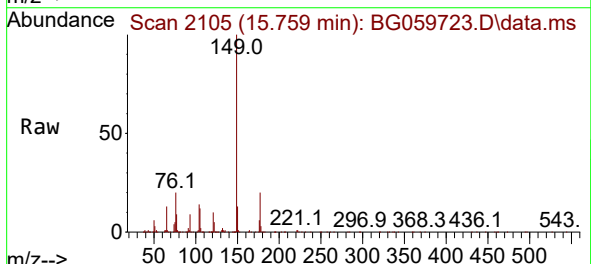
Ion	Ratio	Lower	Upper
232	100		
131	66.0	50.2	75.2
130	5.1	4.3	6.5
166	34.8	26.8	40.2

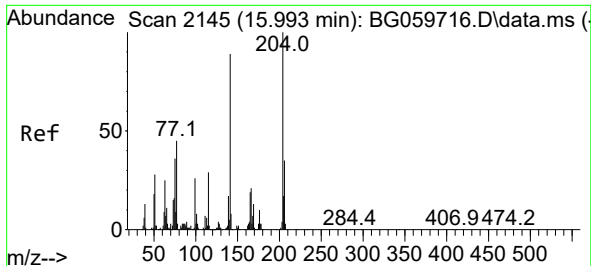


#60
Diethylphthalate
Concen: 45.880 ng
RT: 15.759 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:149 Resp: 455143

Ion	Ratio	Lower	Upper
149	100		
177	19.5	16.6	24.8
150	12.7	10.7	16.1

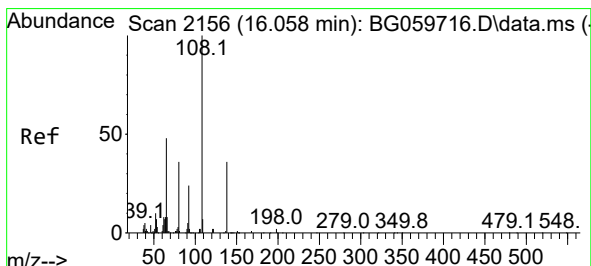
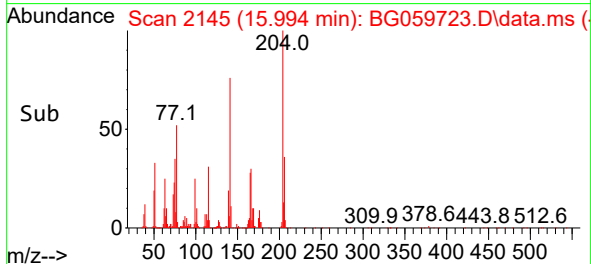
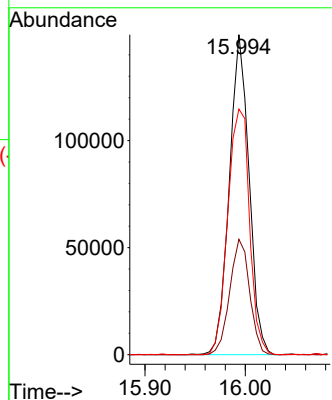
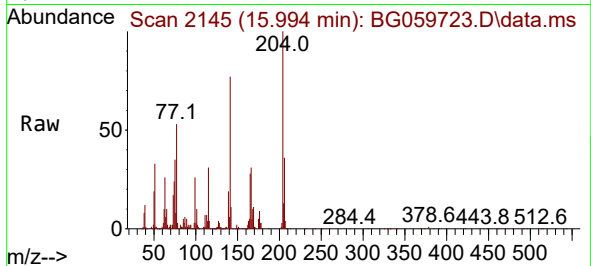




#61
4-Chlorophenyl-phenylether
Concen: 43.782 ng
RT: 15.994 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

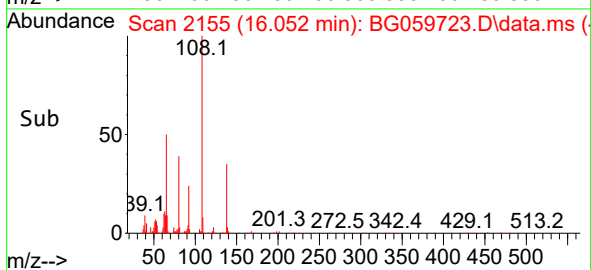
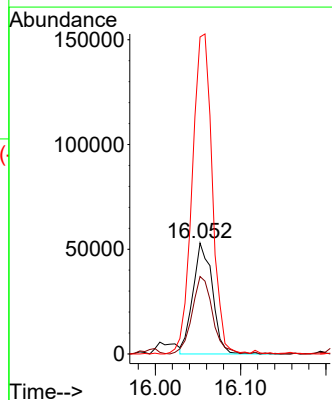
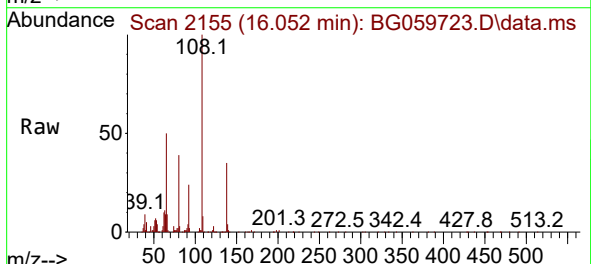
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

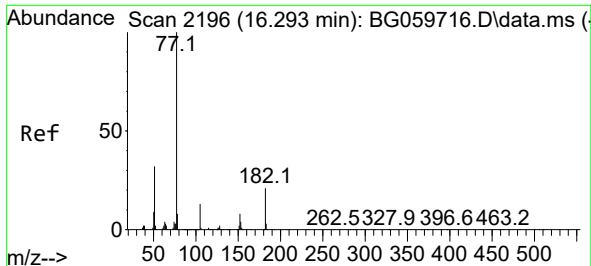
Tgt Ion:204 Resp: 203771
Ion Ratio Lower Upper
204 100
206 36.1 28.1 42.1
141 76.8 70.9 106.3



#62
4-Nitroaniline
Concen: 40.901 ng
RT: 16.052 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:138 Resp: 84194
Ion Ratio Lower Upper
138 100
92 69.9 45.8 85.8
108 285.9 256.3 296.3

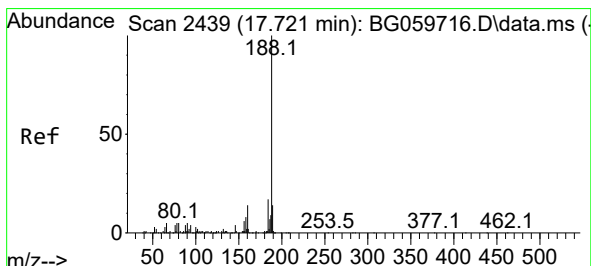
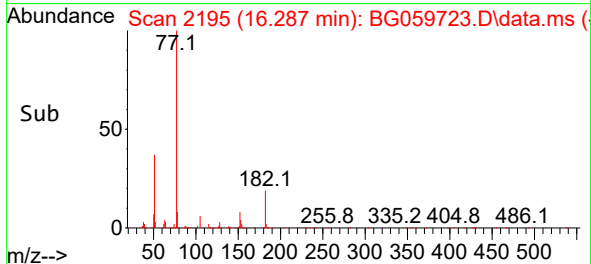
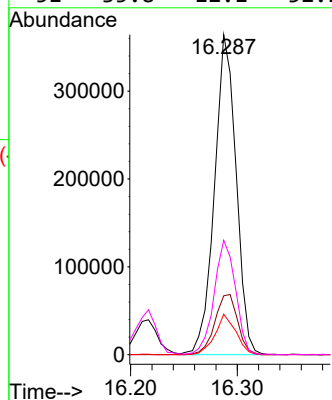
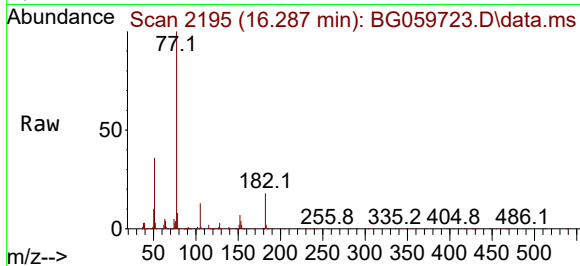




#63
Azobenzene
Concen: 46.554 ng
RT: 16.287 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

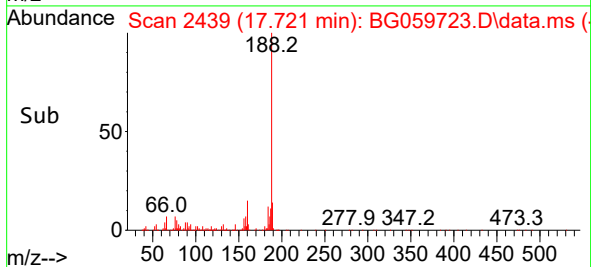
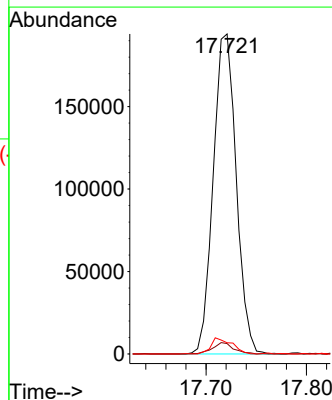
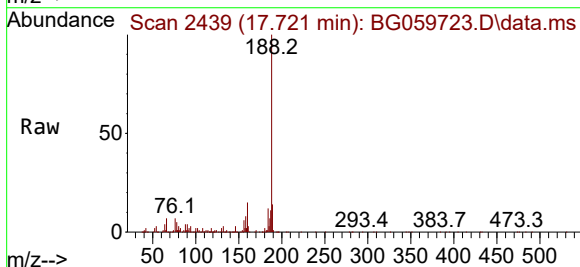
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

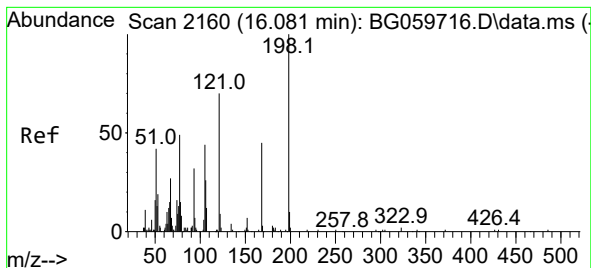
Tgt Ion: 77	Resp: 513218
Ion Ratio	Lower Upper
77 100	
182 18.4	1.1 41.1
105 12.6	0.0 33.0
51 35.8	12.1 52.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.721 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion: 188	Resp: 308251
Ion Ratio	Lower Upper
188 100	
94 3.2	3.0 4.4
80 3.5	4.2 6.4

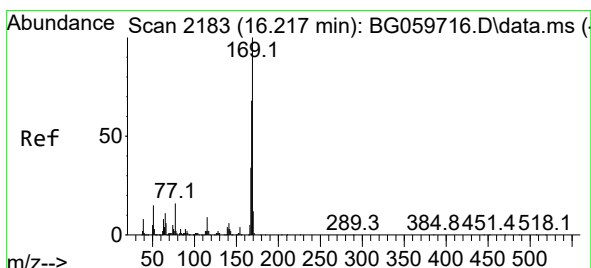
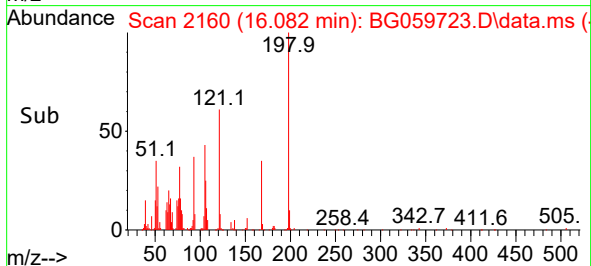
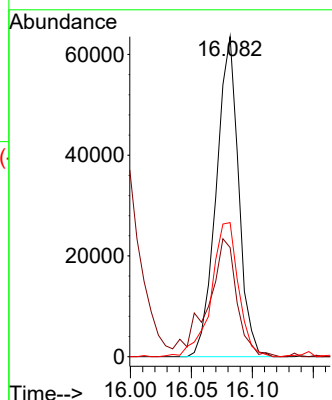
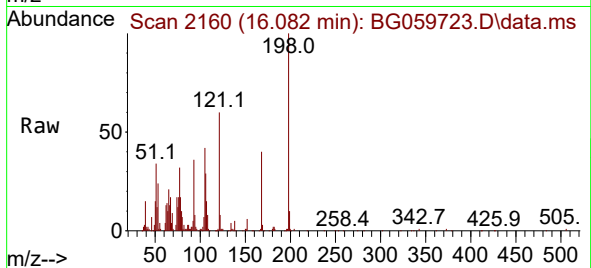




#65
4,6-Dinitro-2-methylphenol
Concen: 42.984 ng
RT: 16.082 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

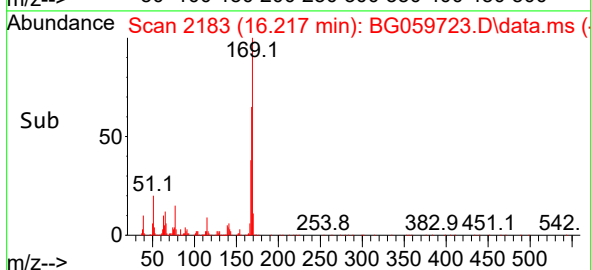
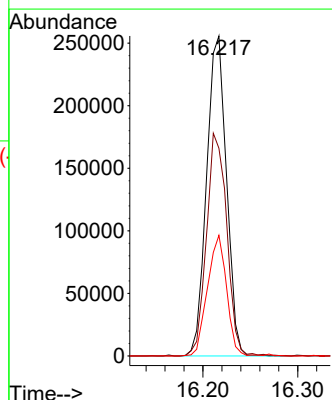
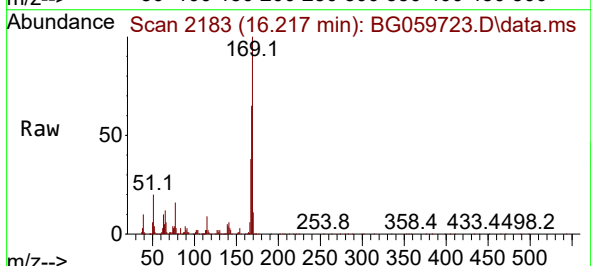
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

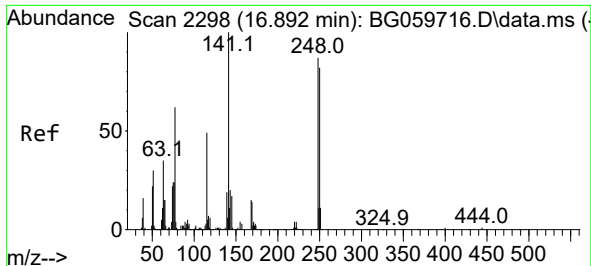
Tgt Ion:198 Resp: 80973
Ion Ratio Lower Upper
198 100
51 34.1 23.0 63.0
105 41.9 24.0 64.0



#66
n-Nitrosodiphenylamine
Concen: 41.347 ng
RT: 16.217 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:169 Resp: 372317
Ion Ratio Lower Upper
169 100
168 64.9 54.5 81.7
167 37.7 27.8 41.6

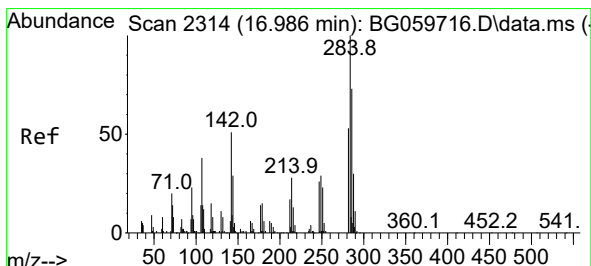
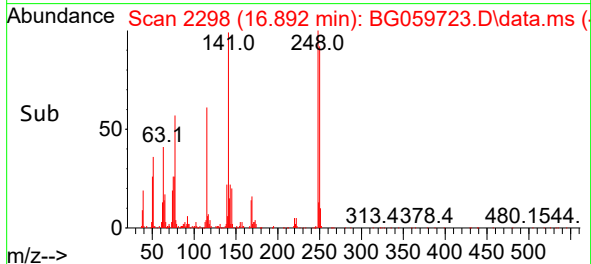
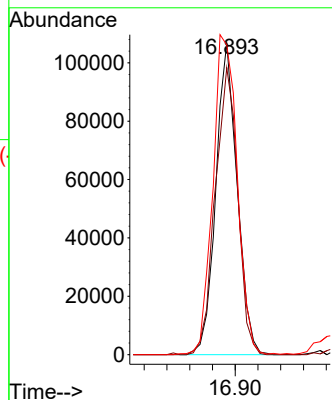
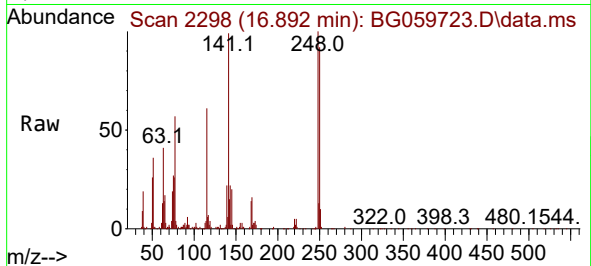




#67
4-Bromophenyl-phenylether
Concen: 42.091 ng
RT: 16.892 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

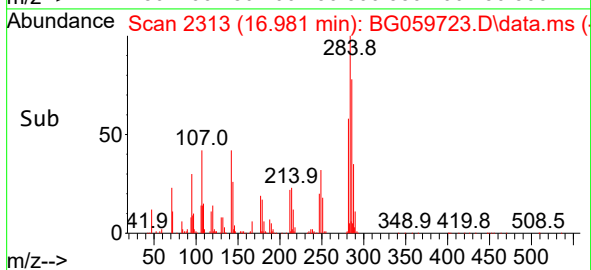
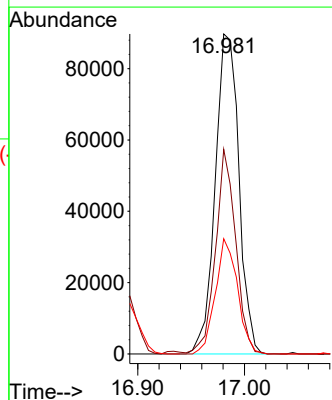
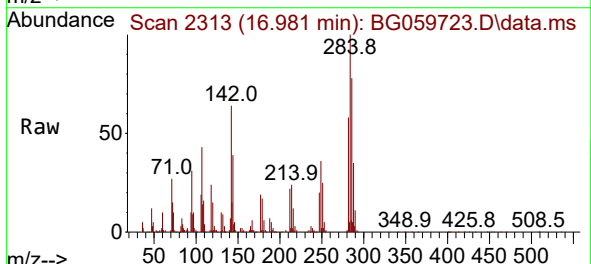
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

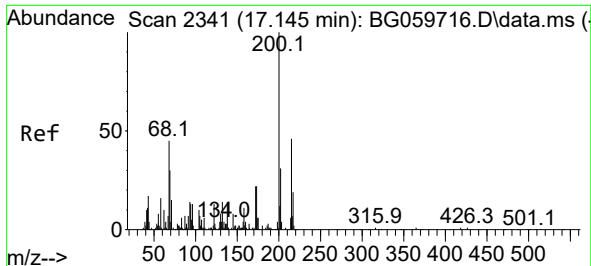
Tgt Ion:248 Resp: 139384
Ion Ratio Lower Upper
248 100
250 92.0 75.2 112.8
141 99.3 91.5 137.3



#68
Hexachlorobenzene
Concen: 44.775 ng
RT: 16.981 min Scan# 2313
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:284 Resp: 138389
Ion Ratio Lower Upper
284 100
142 63.9 41.0 61.6#
249 37.6 24.2 36.4#

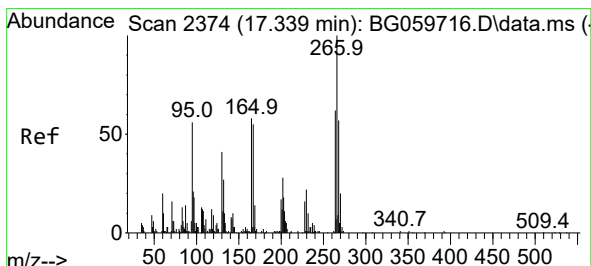
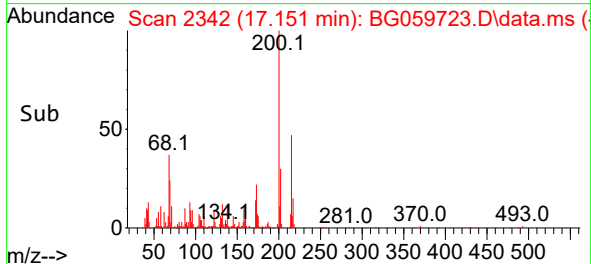
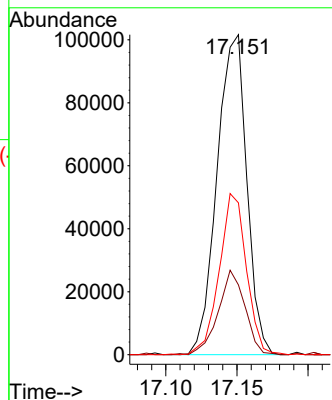
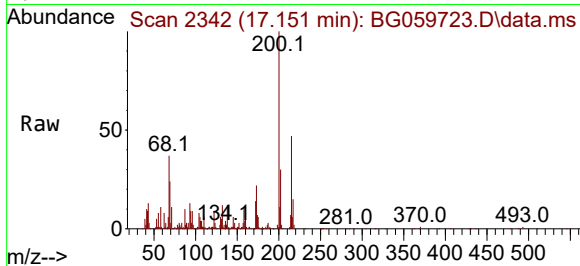




#69
 Atrazine
 Concen: 51.232 ng
 RT: 17.151 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG059723.D
 Acq: 16 Nov 2023 18:15

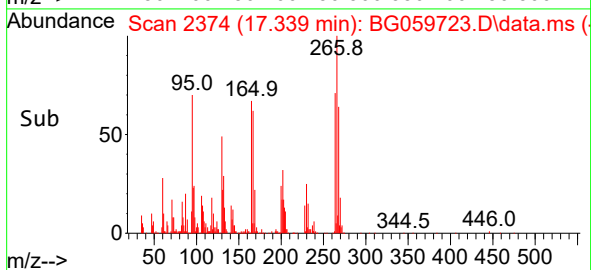
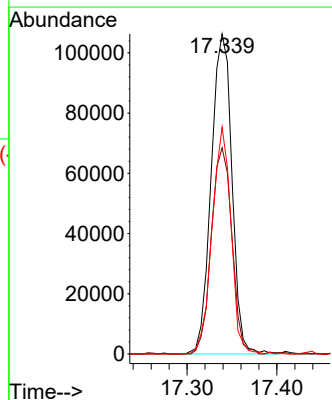
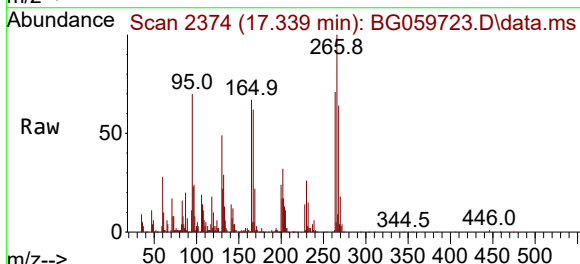
Instrument :
 BNA_G
 ClientSampleId :
 PB157140BSD

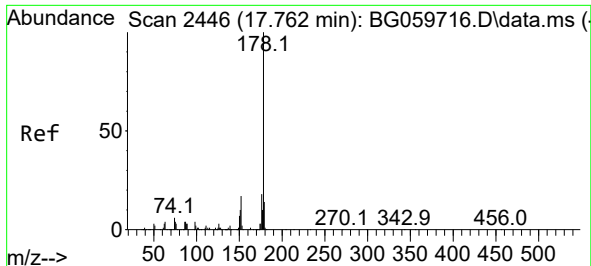
Tgt Ion:200 Resp: 147907
 Ion Ratio Lower Upper
 200 100
 173 21.8 2.3 42.3
 215 47.5 25.6 65.6



#70
 Pentachlorophenol
 Concen: 72.176 ng
 RT: 17.339 min Scan# 2374
 Delta R.T. 0.000 min
 Lab File: BG059723.D
 Acq: 16 Nov 2023 18:15

Tgt Ion:266 Resp: 170192
 Ion Ratio Lower Upper
 266 100
 268 64.4 45.7 68.5
 264 70.8 49.8 74.8

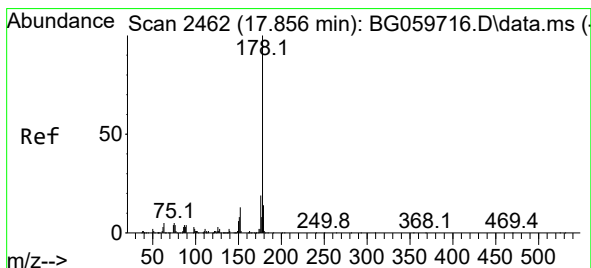
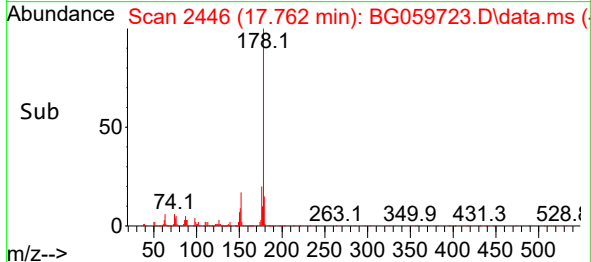
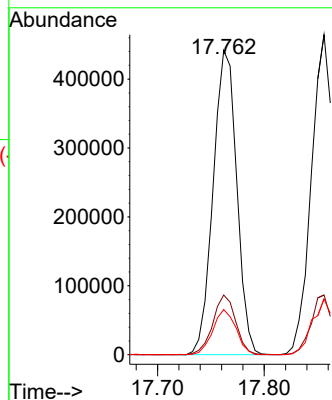
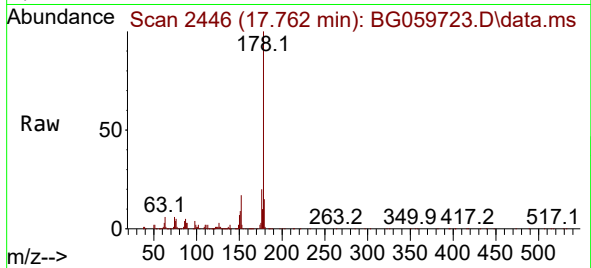




#71
Phenanthrene
Concen: 43.294 ng
RT: 17.762 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

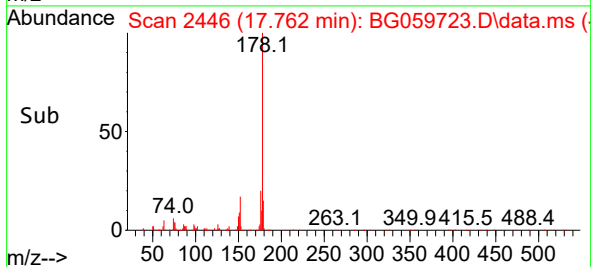
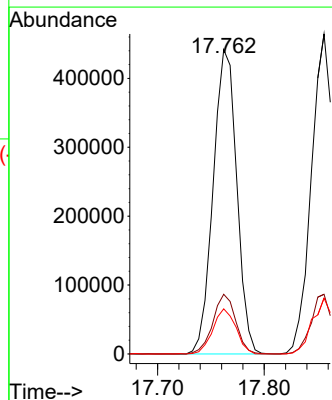
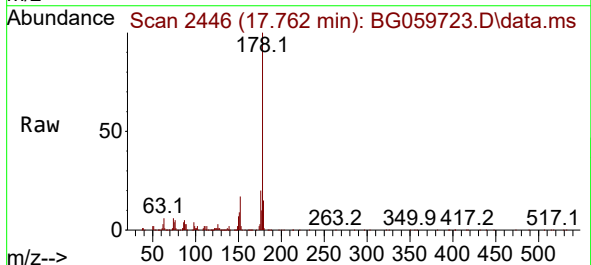
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

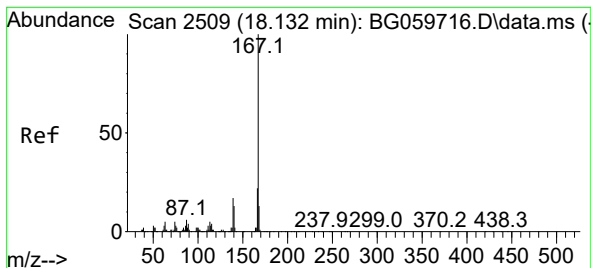
Tgt Ion:178 Resp: 678511
Ion Ratio Lower Upper
178 100
176 19.6 14.5 21.7
179 14.8 11.2 16.8



#72
Anthracene
Concen: 41.668 ng
RT: 17.762 min Scan# 2446
Delta R.T. -0.094 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:178 Resp: 678511
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 14.8 11.5 17.3





#73

Carbazole

Concen: 43.181 ng

RT: 18.132 min Scan# 2509

Delta R.T. 0.000 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

Instrument :

BNA_G

ClientSampleId :

PB157140BSD

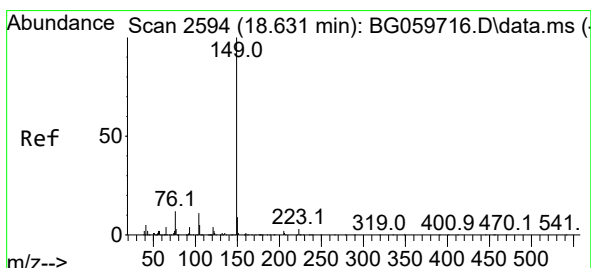
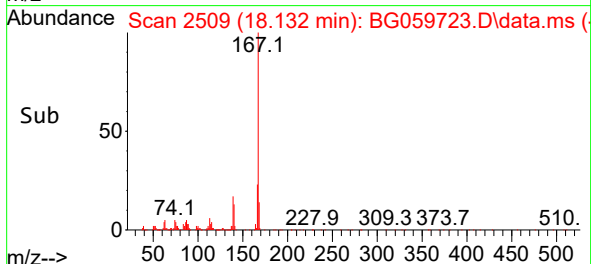
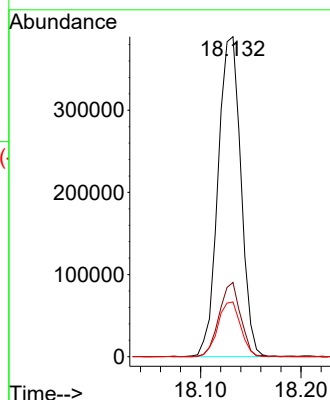
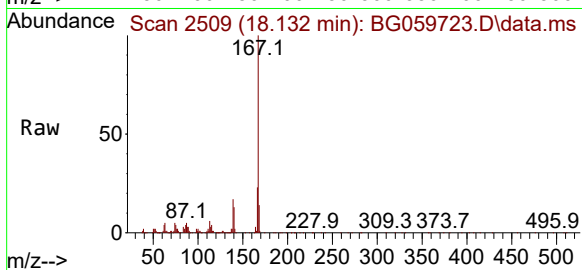
Tgt Ion:167 Resp: 614285

Ion Ratio Lower Upper

167 100

166 23.2 17.4 26.0

139 17.1 13.2 19.8



#74

Di-n-butylphthalate

Concen: 44.189 ng

RT: 18.632 min Scan# 2594

Delta R.T. 0.000 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

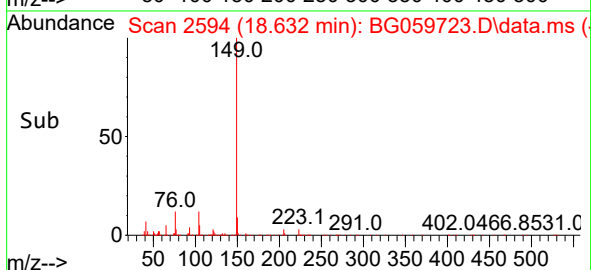
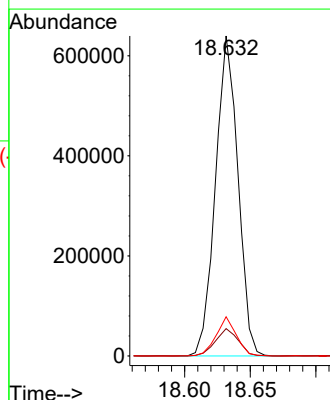
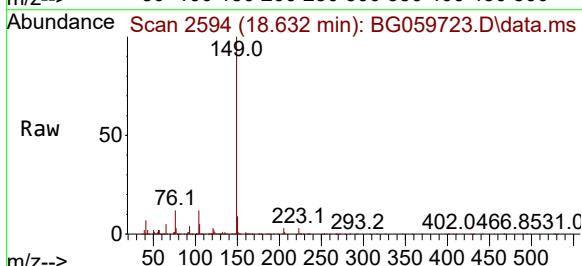
Tgt Ion:149 Resp: 759851

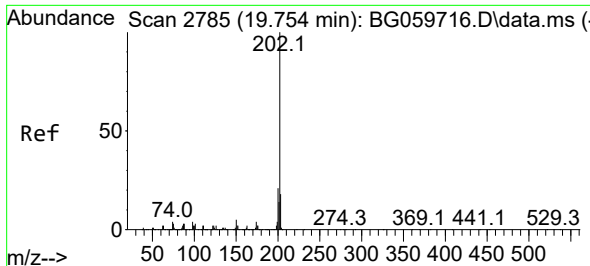
Ion Ratio Lower Upper

149 100

150 8.5 7.5 11.3

104 12.2 8.6 12.8

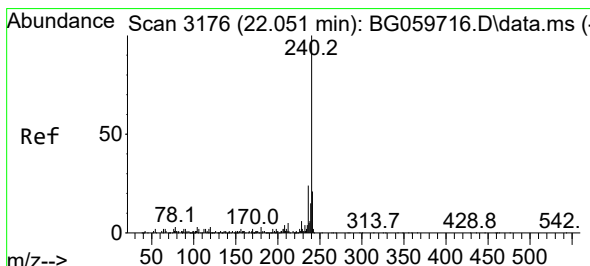
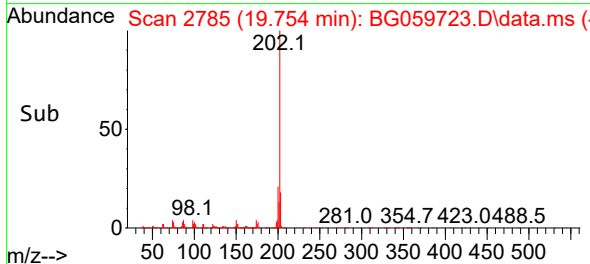
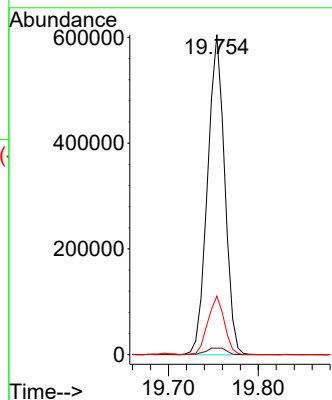
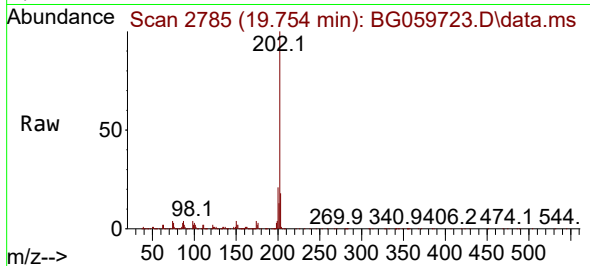




#75
Fluoranthene
Concen: 42.619 ng
RT: 19.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

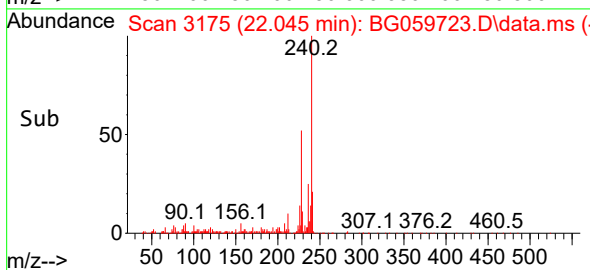
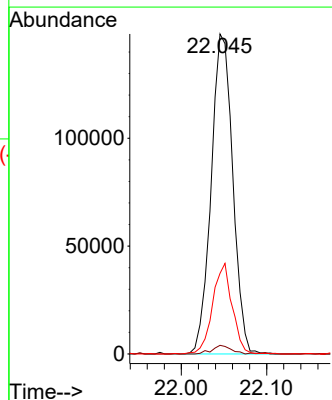
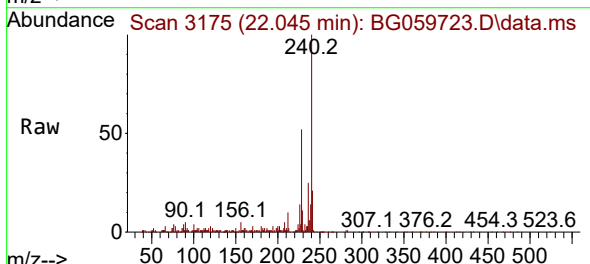
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

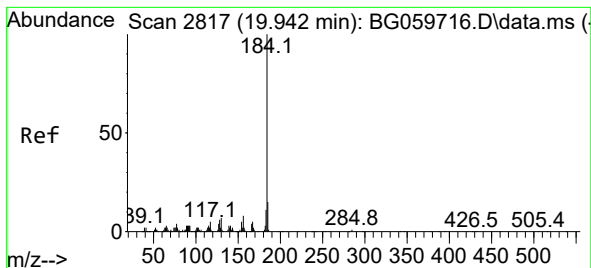
Tgt Ion:202 Resp: 801001
Ion Ratio Lower Upper
202 100
101 2.1 0.0 22.7
203 18.3 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.045 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:240 Resp: 261168
Ion Ratio Lower Upper
240 100
120 2.7 2.2 3.2
236 25.2 19.4 29.2





#77

Benzidine

Concen: 26.324 ng

RT: 19.942 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

Instrument :

BNA_G

ClientSampleId :

PB157140BSD

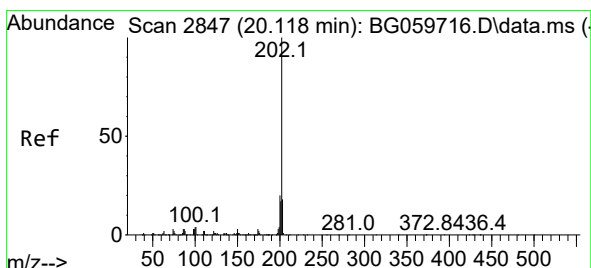
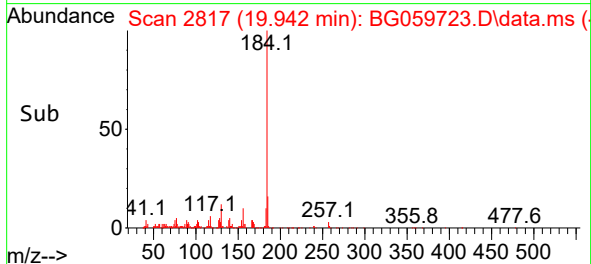
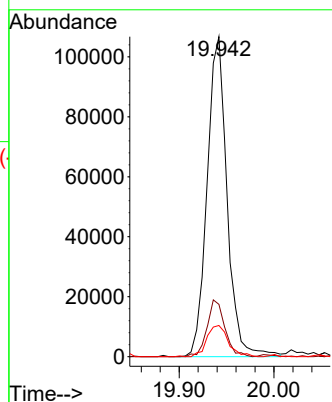
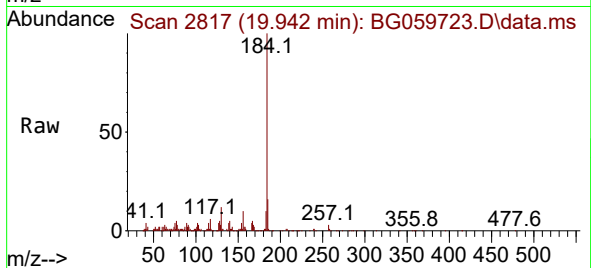
Tgt Ion:184 Resp: 155896

Ion Ratio Lower Upper

184 100

185 16.4 12.2 18.2

183 9.7 8.8 13.2



#78

Pyrene

Concen: 44.107 ng

RT: 20.118 min Scan# 2847

Delta R.T. 0.000 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

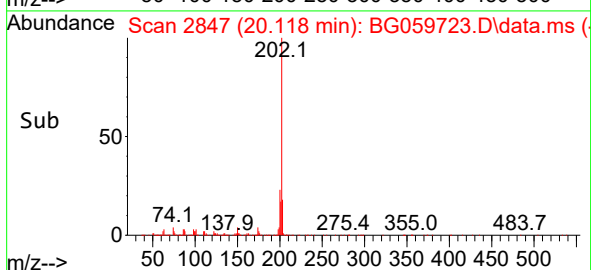
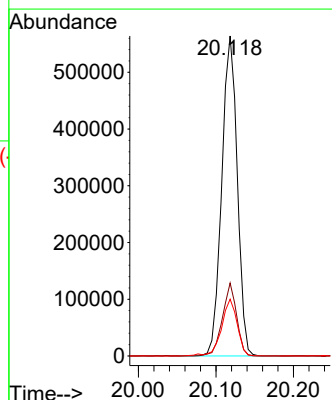
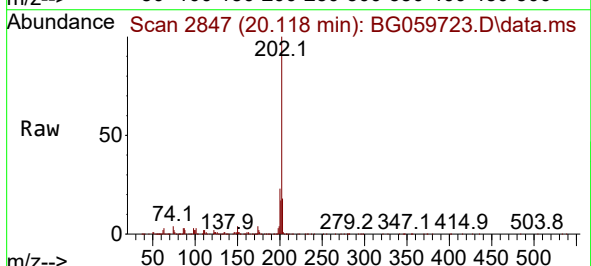
Tgt Ion:202 Resp: 783765

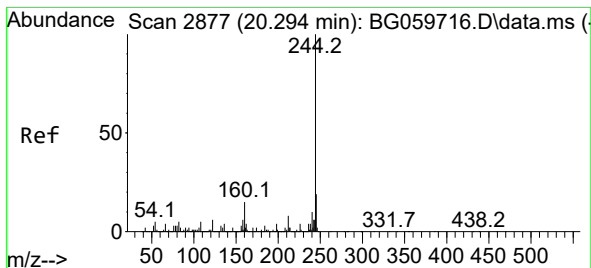
Ion Ratio Lower Upper

202 100

200 22.8 16.2 24.4

203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 84.801 ng

RT: 20.294 min Scan# 2877

Delta R.T. 0.000 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

Instrument :

BNA_G

ClientSampleId :

PB157140BSD

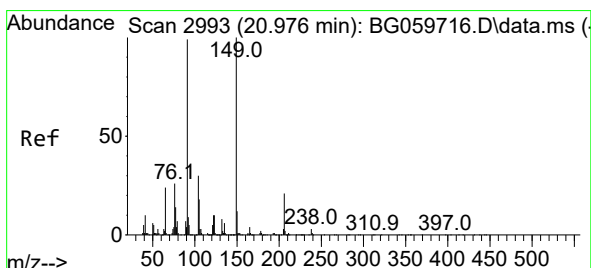
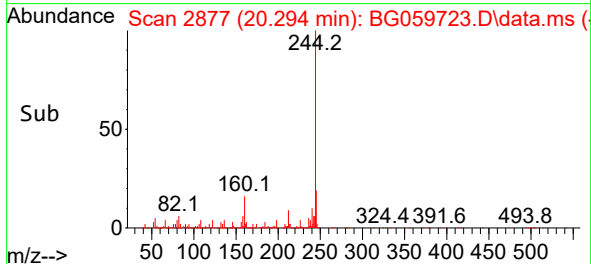
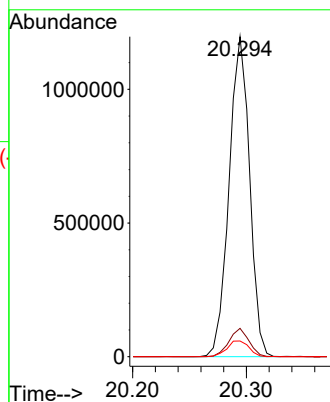
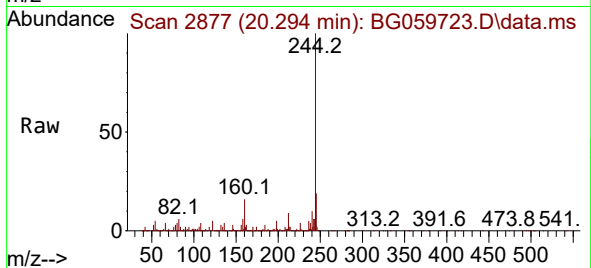
Tgt Ion:244 Resp: 1500241

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

122 4.9 4.4 6.6



#80

Butylbenzylphthalate

Concen: 45.221 ng

RT: 20.976 min Scan# 2993

Delta R.T. 0.000 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

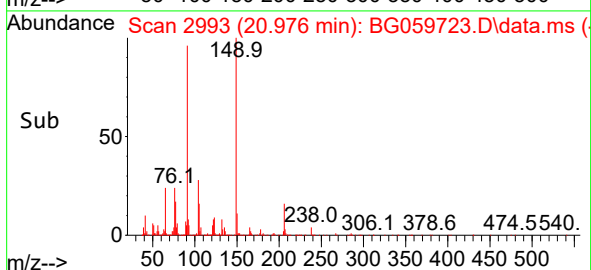
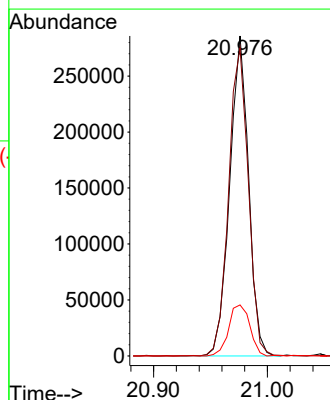
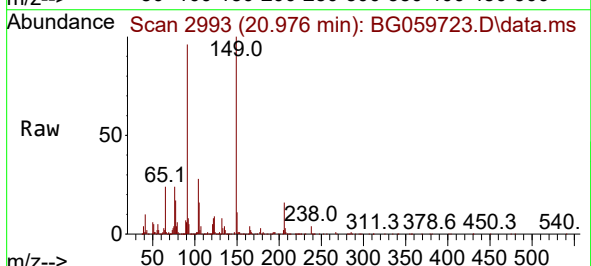
Tgt Ion:149 Resp: 329495

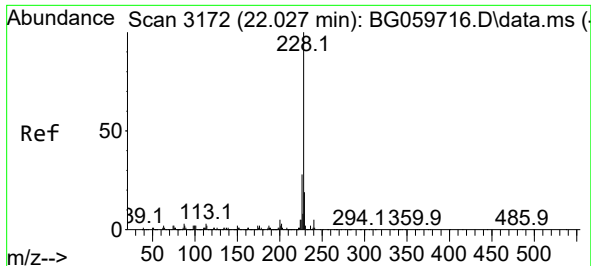
Ion Ratio Lower Upper

149 100

91 96.3 79.6 119.4

206 15.9 16.9 25.3#

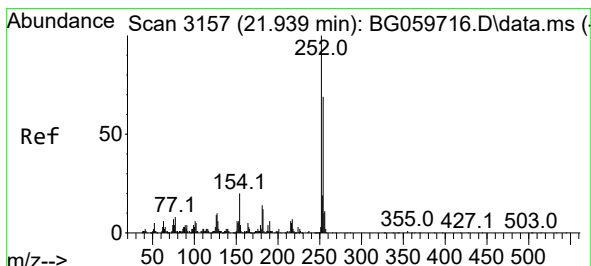
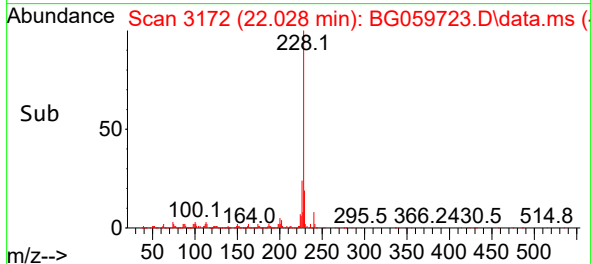
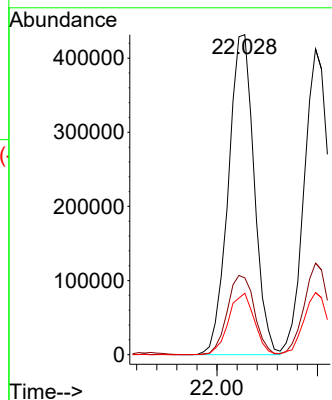
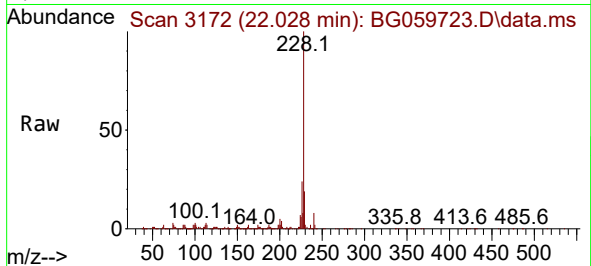




#81
Benzo(a)anthracene
Concen: 43.185 ng
RT: 22.028 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

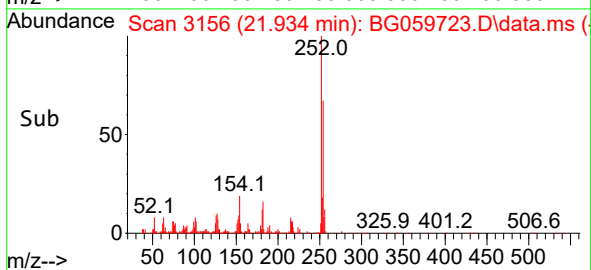
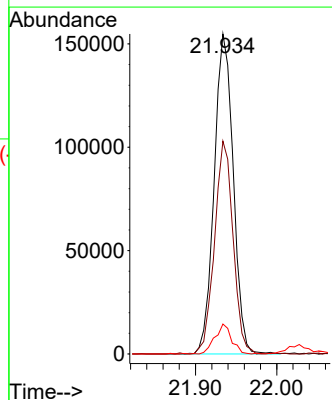
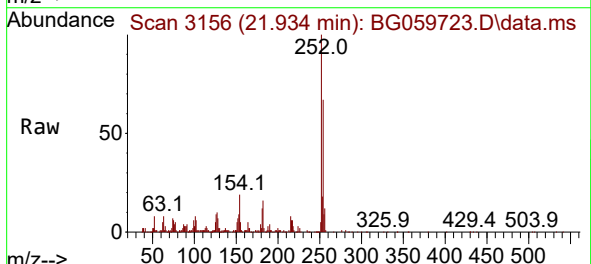
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

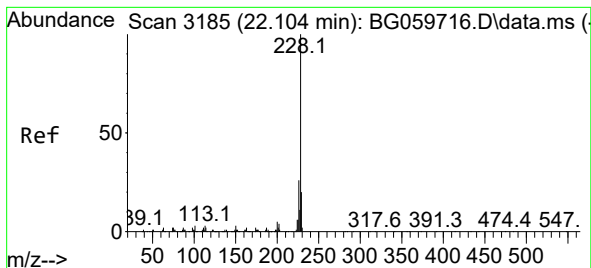
Tgt Ion:228 Resp: 771704
Ion Ratio Lower Upper
228 100
226 24.0 22.1 33.1
229 19.2 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 37.968 ng
RT: 21.934 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:252 Resp: 252769
Ion Ratio Lower Upper
252 100
254 66.5 55.2 82.8
126 9.3 7.0 10.6





#83

Chrysene

Concen: 42.683 ng

RT: 22.098 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

Instrument :

BNA_G

ClientSampleId :

PB157140BSD

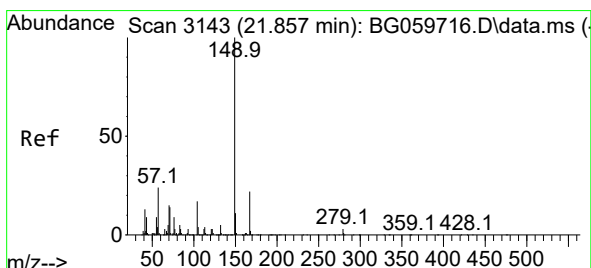
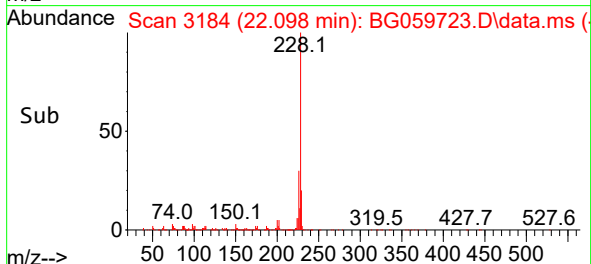
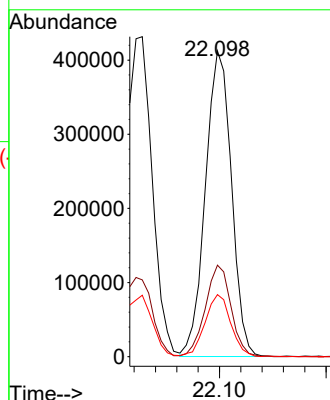
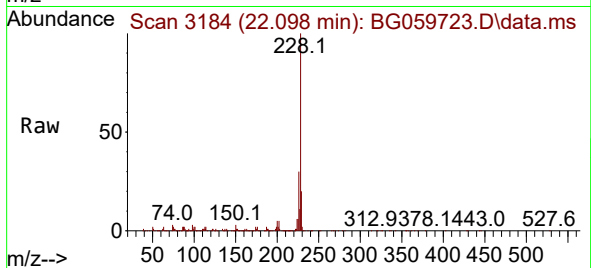
Tgt Ion:228 Resp: 699197

Ion Ratio Lower Upper

228 100

226 29.9 21.1 31.7

229 20.3 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.934 ng

RT: 21.851 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

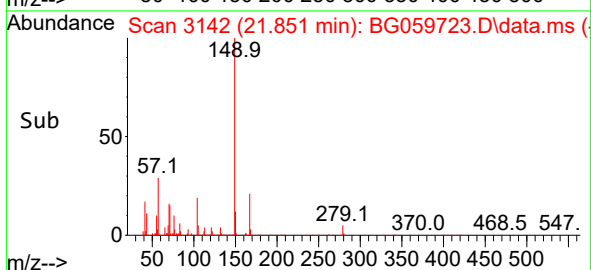
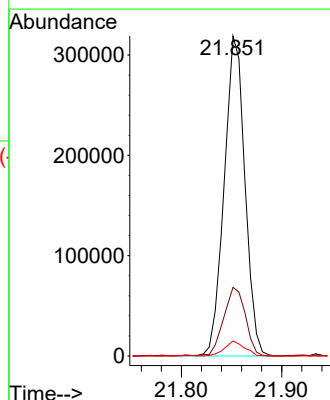
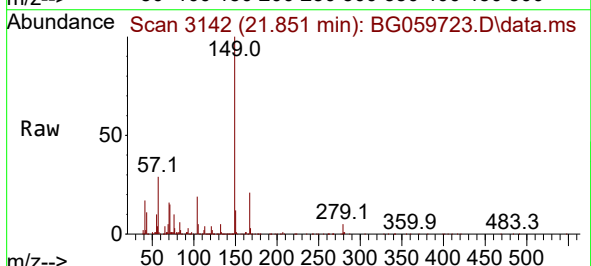
Tgt Ion:149 Resp: 457690

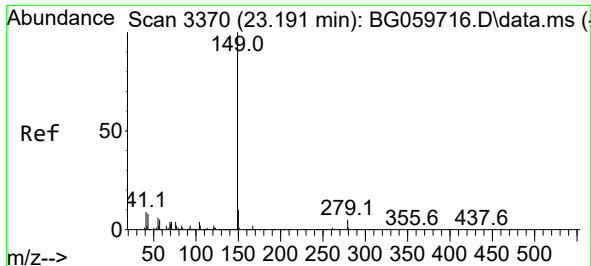
Ion Ratio Lower Upper

149 100

167 21.5 17.6 26.4

279 4.7 2.7 4.1#

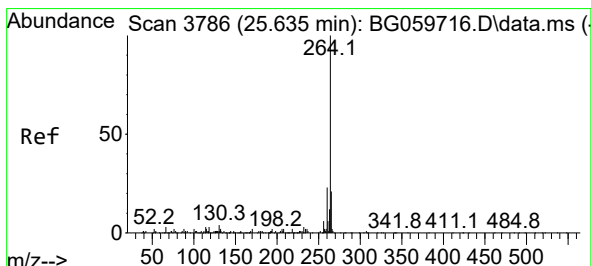
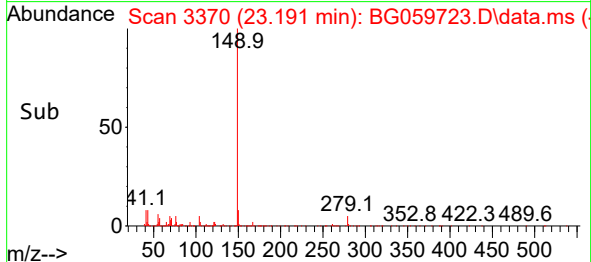
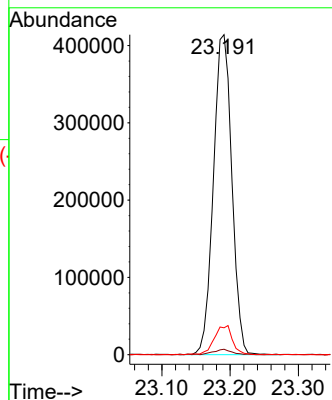
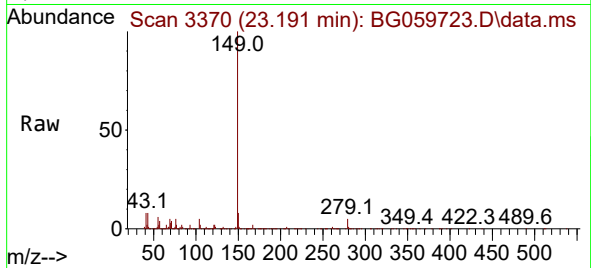




#85
Di-n-octyl phthalate
Concen: 39.677 ng
RT: 23.191 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

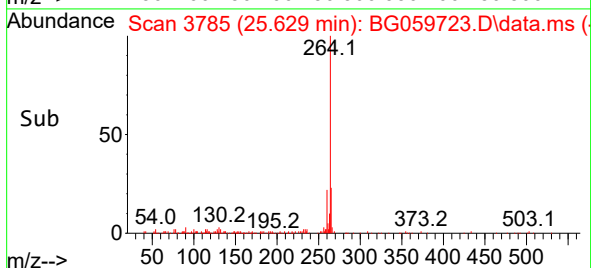
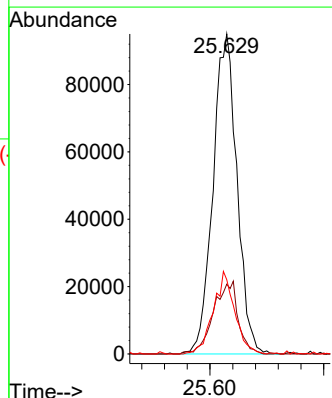
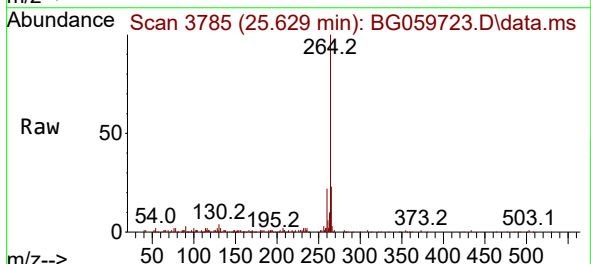
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

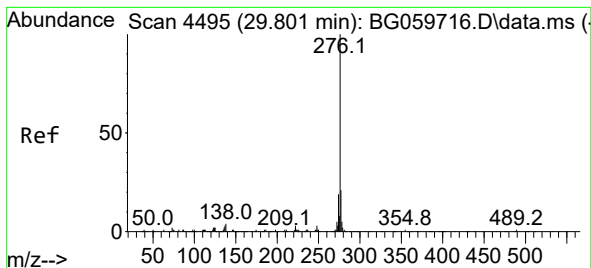
Tgt Ion:149 Resp: 778018
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.0 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.629 min Scan# 3785
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:264 Resp: 277678
Ion Ratio Lower Upper
264 100
260 21.8 18.5 27.7
265 23.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.658 ng

RT: 29.783 min Scan# 4495

Delta R.T. -0.017 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

Instrument :

BNA_G

ClientSampleId :

PB157140BSD

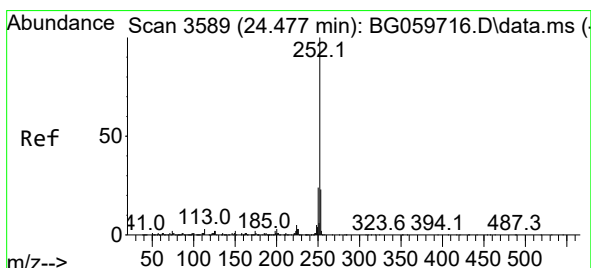
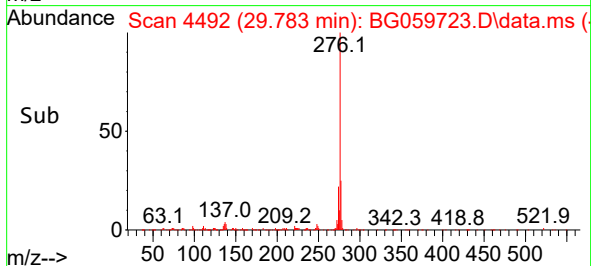
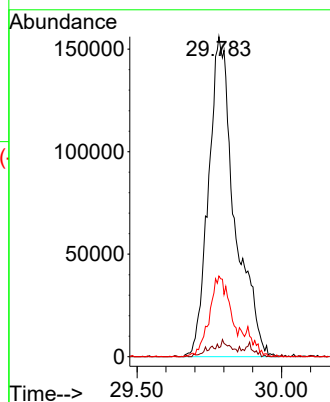
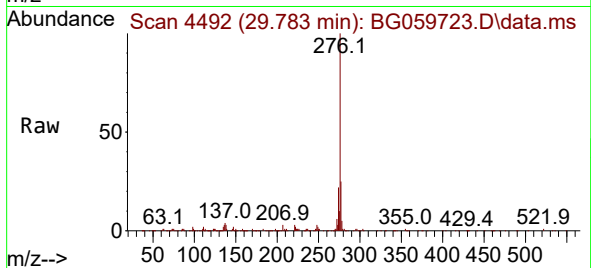
Tgt Ion:276 Resp: 980320

Ion Ratio Lower Upper

276 100

138 2.2 1.8 2.6

277 19.9 9.8 14.6#



#88

Benzo(b)fluoranthene

Concen: 55.826 ng

RT: 24.472 min Scan# 3588

Delta R.T. -0.006 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

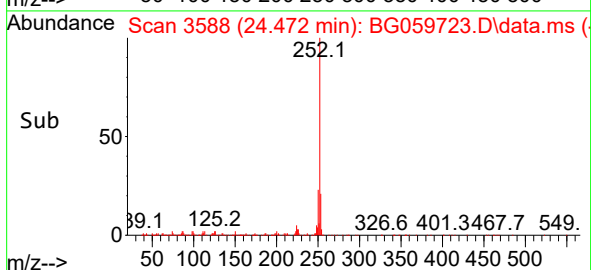
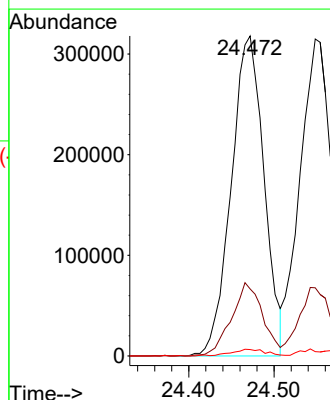
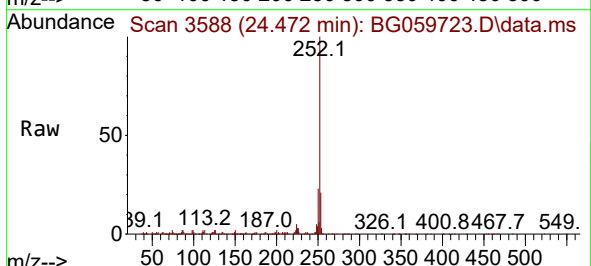
Tgt Ion:252 Resp: 849630

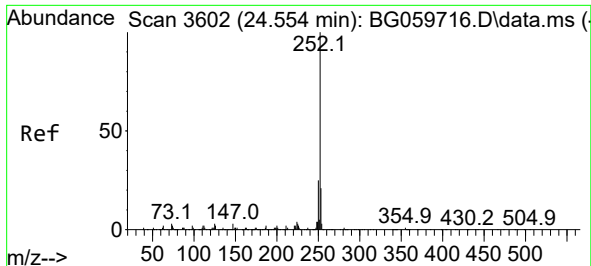
Ion Ratio Lower Upper

252 100

253 20.9 18.3 27.5

125 2.0 1.4 2.0

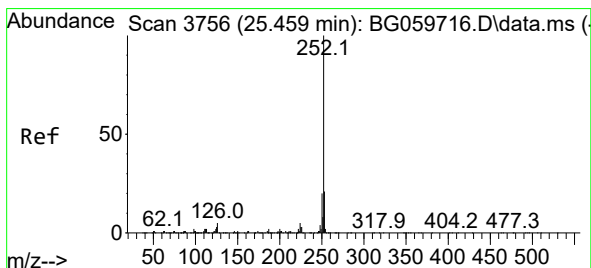
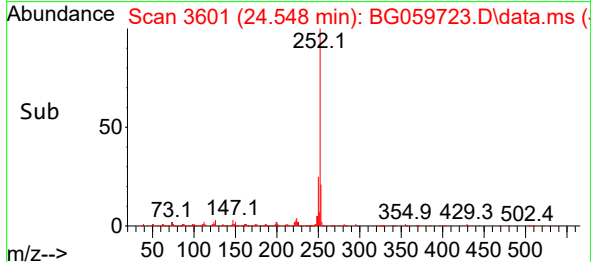
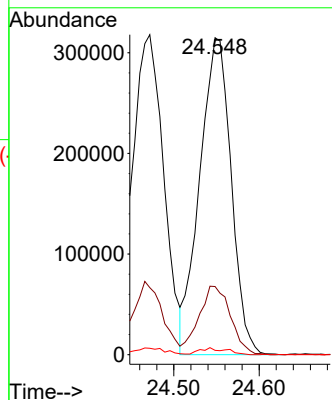
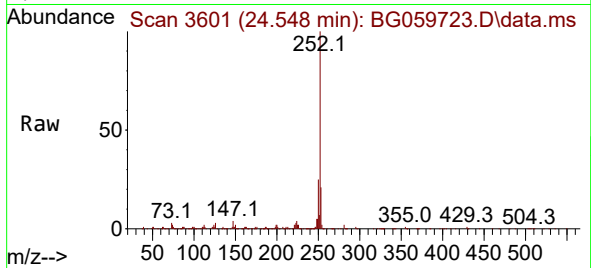




#89
Benzo(k)fluoranthene
Concen: 53.679 ng
RT: 24.548 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

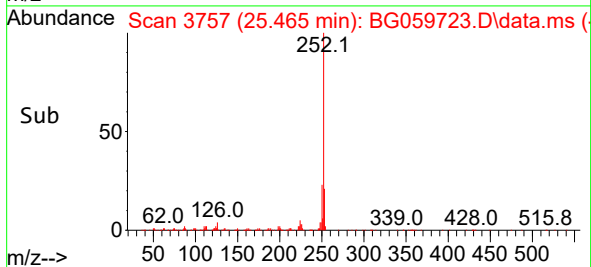
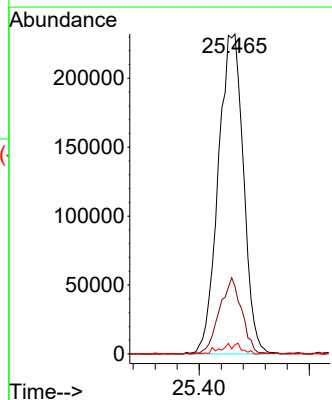
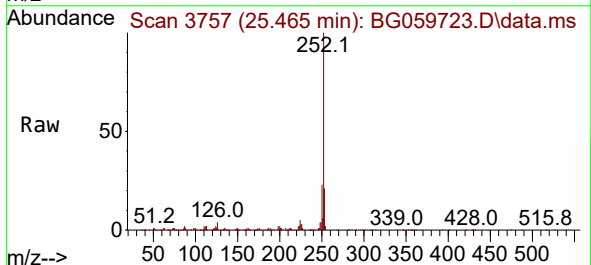
Instrument :
BNA_G
ClientSampleId :
PB157140BSD

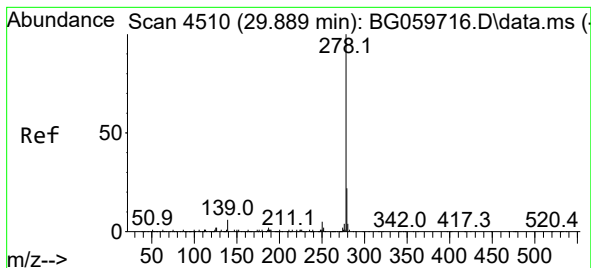
Tgt Ion:252 Resp: 807663
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 1.4 2.2 3.2#



#90
Benzo(a)pyrene
Concen: 45.376 ng
RT: 25.465 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BG059723.D
Acq: 16 Nov 2023 18:15

Tgt Ion:252 Resp: 737032
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 2.8 2.0 3.0





#91

Dibenzo(a,h)anthracene

Concen: 48.184 ng

RT: 29.883 min Scan# 4

Delta R.T. -0.006 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

Instrument :

BNA_G

ClientSampleId :

PB157140BSD

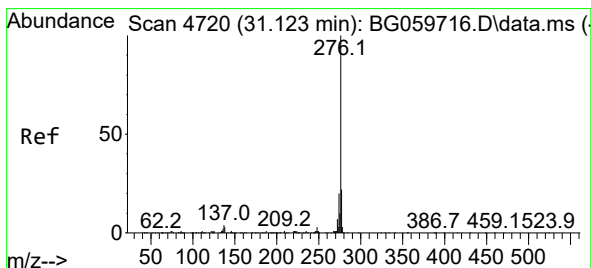
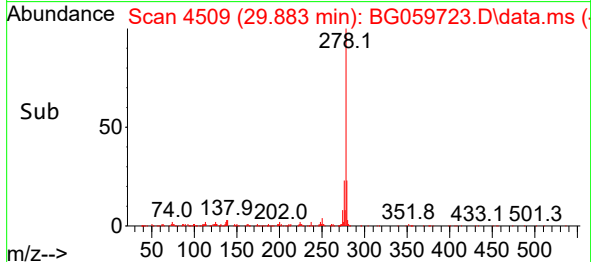
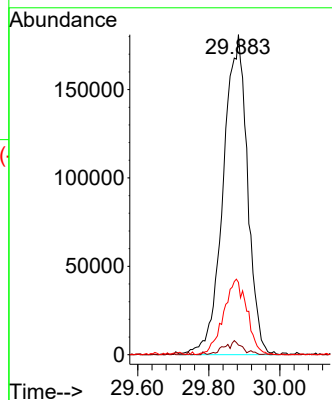
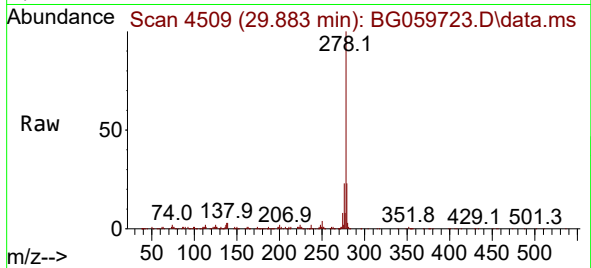
Tgt Ion:278 Resp: 856532

Ion Ratio Lower Upper

278 100

139 3.0 4.6 7.0#

279 22.6 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 45.920 ng

RT: 31.111 min Scan# 4718

Delta R.T. -0.011 min

Lab File: BG059723.D

Acq: 16 Nov 2023 18:15

Tgt Ion:276 Resp: 774530

Ion Ratio Lower Upper

276 100

277 21.3 17.3 25.9

138 4.2 2.6 4.0#

