

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120423\
 Data File : BG059943.D
 Acq On : 4 Dec 2023 22:47
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120423

Quant Time: Dec 05 02:53:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	68053	20.000	ng	# 0.00
21) Naphthalene-d8	10.766	136	262865	20.000	ng	# 0.00
39) Acenaphthene-d10	14.597	164	273484	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	980672	20.000	ng	0.00
76) Chrysene-d12	21.624	240	1258812	20.000	ng	# 0.00
86) Perylene-d12	24.814	264	1450412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	265346	78.342	ng	0.00
7) Phenol-d6	7.112	99	457195	85.643	ng	0.00
23) Nitrobenzene-d5	9.121	82	599099	81.471	ng	0.00
42) 2,4,6-Tribromophenol	16.089	330	733441	83.354	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	2050372	81.771	ng	0.00
79) Terphenyl-d14	19.973	244	5160729	70.674	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.439	88	42313	36.950	ng	99
3) Pyridine	3.827	79	148722	43.518	ng	96
4) n-Nitrosodimethylamine	3.745	42	71295	39.683	ng	# 86
6) Aniline	7.288	93	295082	50.084	ng	92
8) 2-Chlorophenol	7.523	128	142577	43.155	ng	94
9) Benzaldehyde	7.100	77	164038	41.364	ng	94
10) Phenol	7.141	94	227079	42.526	ng	96
11) bis(2-Chloroethyl)ether	7.376	93	162835	43.820	ng	95
12) 1,3-Dichlorobenzene	7.852	146	191220	40.216	ng	98
13) 1,4-Dichlorobenzene	7.993	146	198566	40.341	ng	90
14) 1,2-Dichlorobenzene	8.316	146	198088	41.050	ng	99
15) Benzyl Alcohol	8.193	79	238058	45.126	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.492	45	79764	40.872	ng	95
17) 2-Methylphenol	8.392	107	163882	45.546	ng	88
18) Hexachloroethane	9.050	117	77131	40.387	ng	95
19) n-Nitroso-di-n-propyla...	8.768	70	174855	43.707	ng	# 90
20) 3+4-Methylphenols	8.721	107	227772	44.610	ng	89
22) Acetophenone	8.780	105	331459	39.460	ng	# 95
24) Nitrobenzene	9.162	77	299556	40.711	ng	93
25) Isophorone	9.685	82	509834	40.326	ng	97
26) 2-Nitrophenol	9.873	139	100519	42.958	ng	92
27) 2,4-Dimethylphenol	9.926	122	161725	50.351	ng	92
28) bis(2-Chloroethoxy)met...	10.173	93	245945	41.406	ng	93
29) 2,4-Dichlorophenol	10.408	162	262863	41.103	ng	89
30) 1,2,4-Trichlorobenzene	10.625	180	355492	38.119	ng	98
31) Naphthalene	10.819	128	555876	41.139	ng	99
32) Benzoic acid	10.061	122	135900	44.371	ng	# 82
33) 4-Chloroaniline	10.919	127	238411	45.242	ng	# 91
34) Hexachlorobutadiene	11.101	225	408320	39.052	ng	97
35) Caprolactam	11.689	113	58417	43.432	ng	81
36) 4-Chloro-3-methylphenol	12.041	107	231154	43.892	ng	89
37) 2-Methylnaphthalene	12.429	142	489244	42.658	ng	95
38) 1-Methylnaphthalene	12.640	142	474820	42.393	ng	91
40) 1,2,4,5-Tetrachloroben...	12.793	216	783457	40.129	ng	97
41) Hexachlorocyclopentadiene	12.776	237	454209	45.914	ng	92
43) 2,4,6-Trichlorophenol	13.022	196	404524	40.464	ng	97

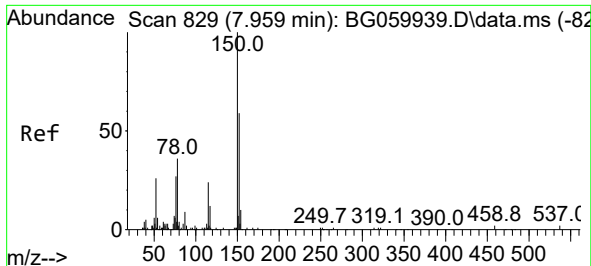
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120423\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	471173	42.860	ng	94
46) 1,1'-Biphenyl	13.434	154	821172	41.087	ng	95
47) 2-Chloronaphthalene	13.475	162	692779	38.742	ng	98
48) 2-Nitroaniline	13.674	65	155687	45.932	ng	96
49) Acenaphthylene	14.321	152	1010284	42.214	ng	96
50) Dimethylphthalate	14.056	163	971346	41.723	ng	100
51) 2,6-Dinitrotoluene	14.168	165	201708	39.545	ng	94
52) Acenaphthene	14.662	154	720459	41.710	ng	96
53) 3-Nitroaniline	14.497	138	144259	45.589	ng	94
54) 2,4-Dinitrophenol	14.697	184	180609	40.596	ng	95
55) Dibenzofuran	14.996	168	1193687	40.971	ng	98
56) 4-Nitrophenol	14.791	139	105690	38.486	ng	# 74
57) 2,4-Dinitrotoluene	14.955	165	296669	41.819	ng	# 95
58) Fluorene	15.649	166	1013559	40.880	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.220	232	543390	41.550	ng	99
60) Diethylphthalate	15.425	149	877793	42.332	ng	100
61) 4-Chlorophenyl-phenyle...	15.643	204	940460	41.814	ng	99
62) 4-Nitroaniline	15.666	138	155798	42.774	ng	91
63) Azobenzene	15.937	77	871003	40.490	ng	94
65) 4,6-Dinitro-2-methylph...	15.719	198	305441	40.738	ng	94
66) n-Nitrosodiphenylamine	15.854	169	961052	42.782	ng	95
67) 4-Bromophenyl-phenylether	16.536	248	712164	42.387	ng	97
68) Hexachlorobenzene	16.647	284	728768	39.038	ng	98
69) Atrazine	16.806	200	373493	33.697	ng	97
70) Pentachlorophenol	16.988	266	529605	39.150	ng	99
71) Phenanthrene	17.388	178	1946113	42.027	ng	99
72) Anthracene	17.482	178	2011860	42.504	ng	99
73) Carbazole	17.746	167	1462228	40.646	ng	96
74) Di-n-butylphthalate	18.322	149	1331531	42.793	ng	99
75) Fluoranthene	19.403	202	3045411	40.017	ng	99
77) Benzidine	19.585	184	531440	50.091	ng	98
78) Pyrene	19.767	202	2865984	42.781	ng	97
80) Butylbenzylphthalate	20.666	149	400785	42.174	ng	96
81) Benzo(a)anthracene	21.600	228	3534763	42.086	ng	100
82) 3,3'-Dichlorobenzidine	21.518	252	1251743	45.379	ng	# 99
83) Chrysene	21.671	228	3333445	42.333	ng	97
84) Bis(2-ethylhexyl)phtha...	21.524	149	631116	43.401	ng	99
85) Di-n-octyl phthalate	22.740	149	1136512	45.225	ng	99
87) Indeno(1,2,3-cd)pyrene	28.463	276	4603484	42.982	ng	# 99
88) Benzo(b)fluoranthene	23.804	252	3704433	41.321	ng	98
89) Benzo(k)fluoranthene	23.804	252	3704433	42.406	ng	98
90) Benzo(a)pyrene	24.667	252	3533601	44.134	ng	96
91) Dibenzo(a,h)anthracene	28.539	278	3913930	43.041	ng	100
92) Benzo(g,h,i)perylene	29.603	276	3702757	42.102	ng	93

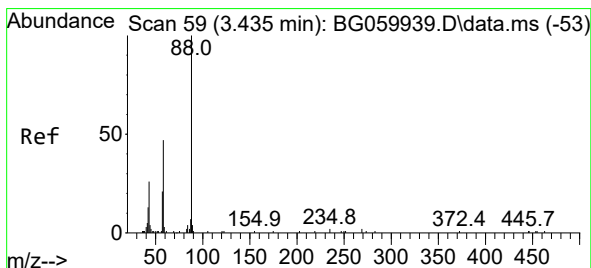
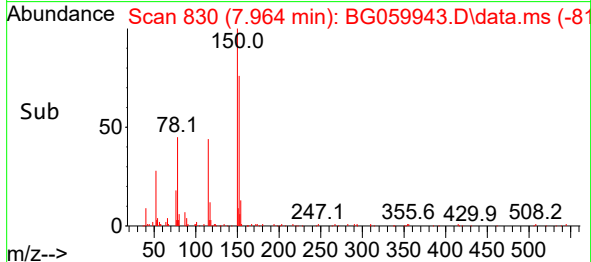
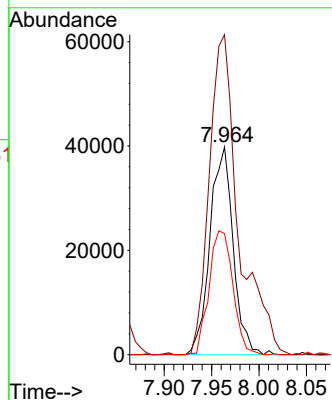
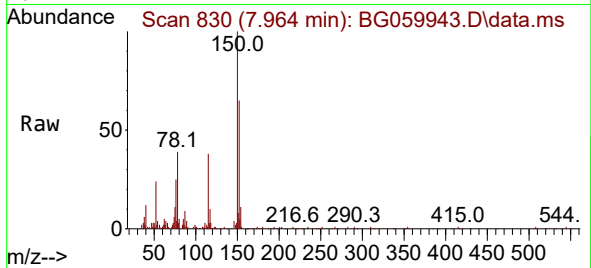
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.964 min Scan# 81
 Delta R.T. 0.005 min
 Lab File: BG059943.D
 Acq: 4 Dec 2023 22:47

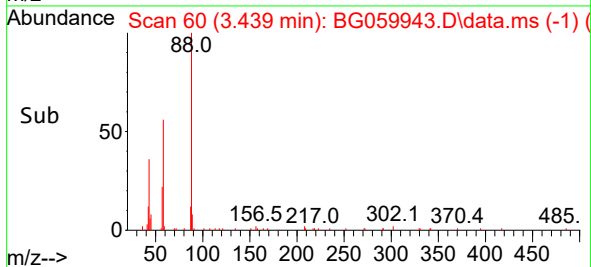
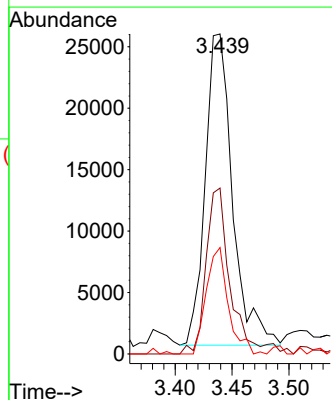
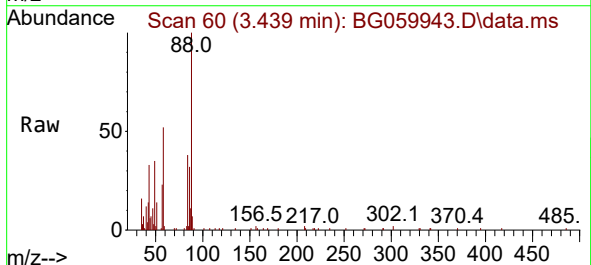
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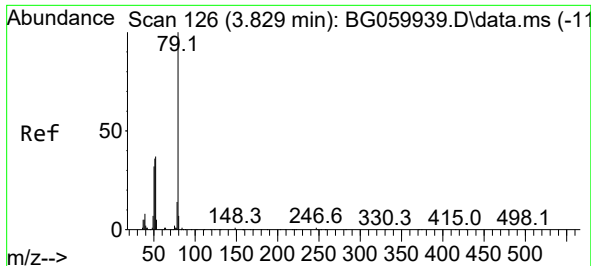
Tgt Ion:152 Resp: 68053
 Ion Ratio Lower Upper
 152 100
 150 154.1 136.9 205.3
 115 58.3 32.9 49.3#



#2
 1,4-Dioxane
 Concen: 36.950 ng
 RT: 3.439 min Scan# 60
 Delta R.T. 0.004 min
 Lab File: BG059943.D
 Acq: 4 Dec 2023 22:47

Tgt Ion: 88 Resp: 42313
 Ion Ratio Lower Upper
 88 100
 58 47.4 38.2 57.2
 43 27.4 21.0 31.4

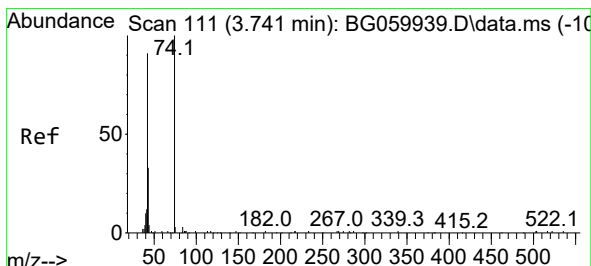
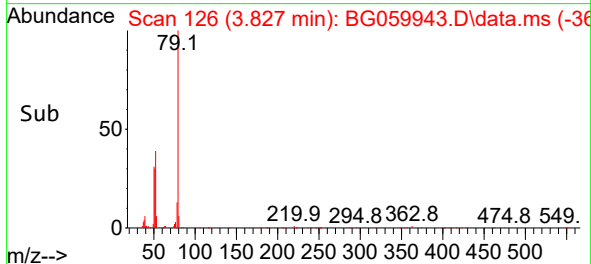
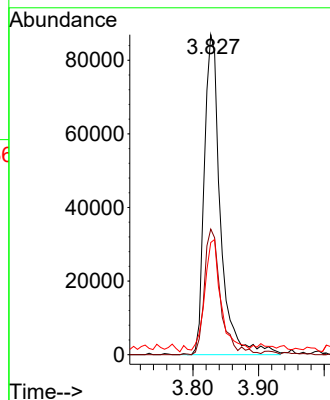
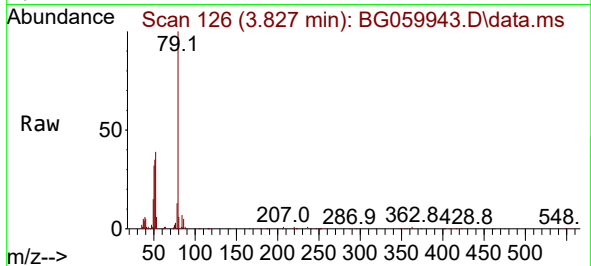




#3
Pyridine
Concen: 43.518 ng
RT: 3.827 min Scan# 111
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

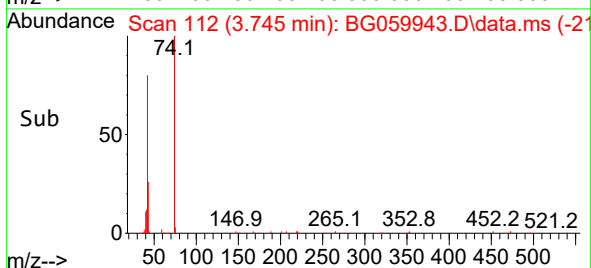
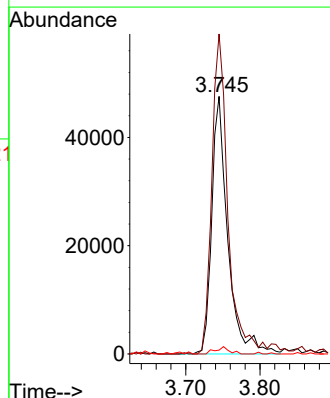
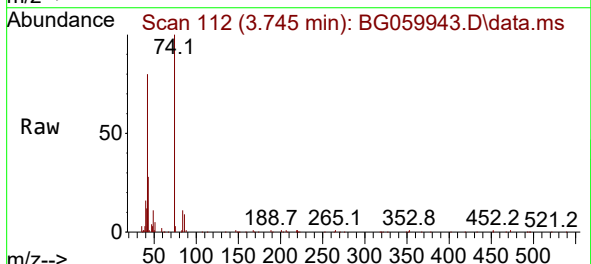
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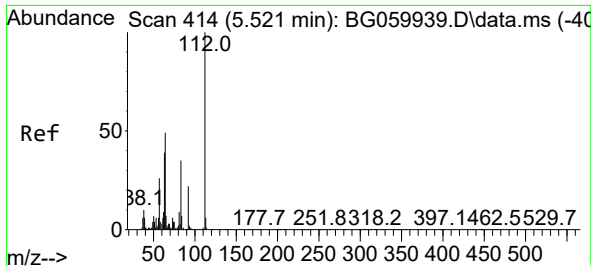
Tgt Ion: 79 Resp: 148722
Ion Ratio Lower Upper
79 100
52 39.2 29.8 44.8
51 35.1 30.3 45.5



#4
n-Nitrosodimethylamine
Concen: 39.683 ng
RT: 3.745 min Scan# 112
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion: 42 Resp: 71295
Ion Ratio Lower Upper
42 100
74 124.2 87.4 131.2
44 1.5 3.7 5.5#

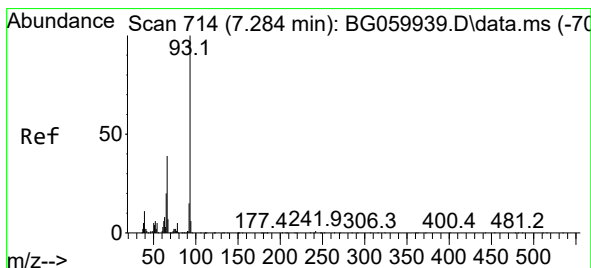
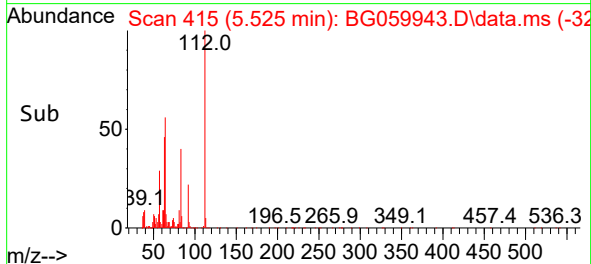
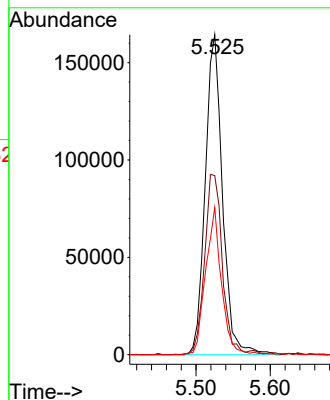
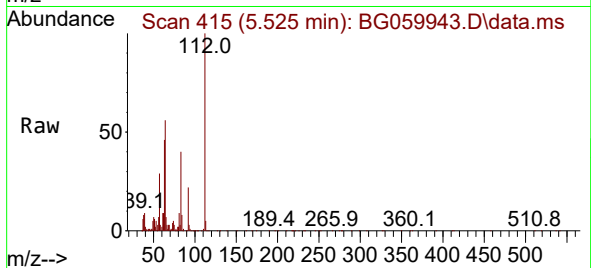




#5
2-Fluorophenol
Concen: 78.342 ng
RT: 5.525 min Scan# 414
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

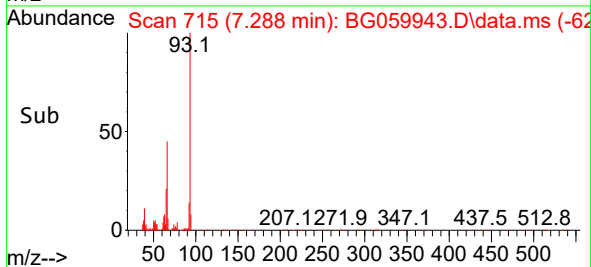
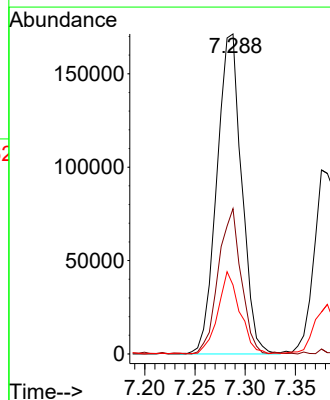
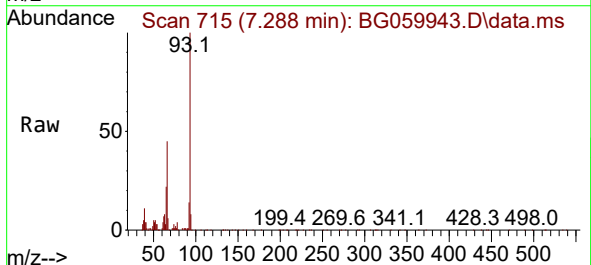
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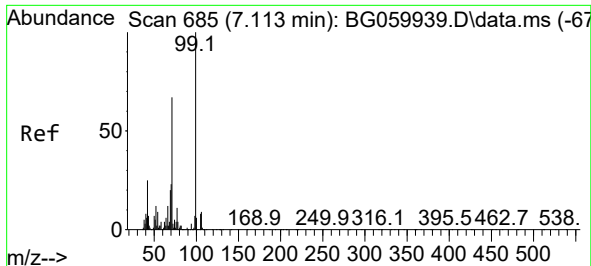
Tgt Ion:112 Resp: 265346
Ion Ratio Lower Upper
112 100
64 56.0 39.4 59.0
63 46.0 31.2 46.8



#6
Aniline
Concen: 50.084 ng
RT: 7.288 min Scan# 715
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion: 93 Resp: 295082
Ion Ratio Lower Upper
93 100
66 45.4 31.4 47.0
65 21.6 16.2 24.2

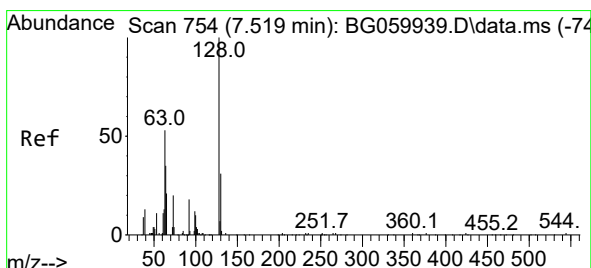
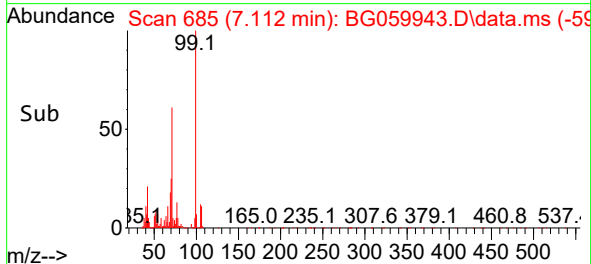
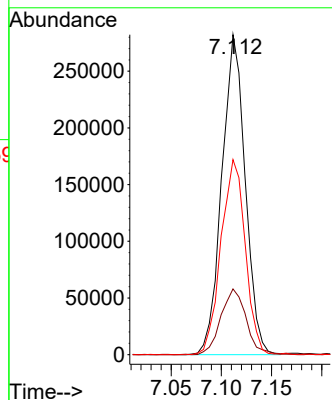
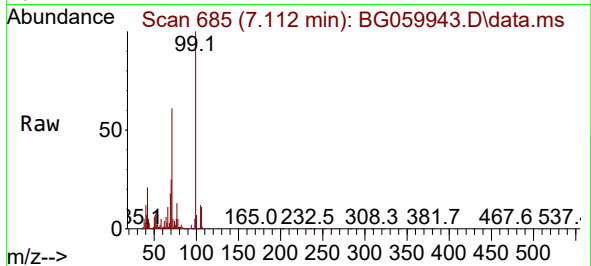




#7
Phenol-d6
Concen: 85.643 ng
RT: 7.112 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

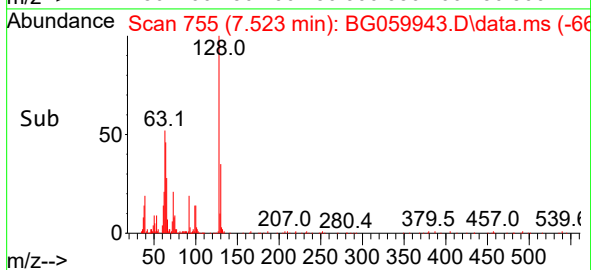
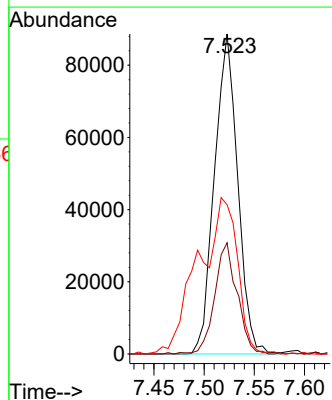
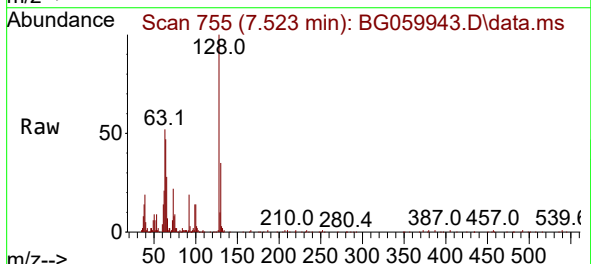
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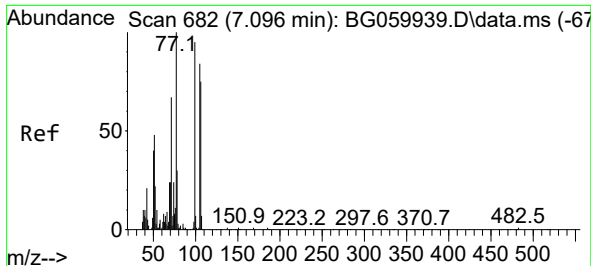
Tgt Ion: 99 Resp: 457195
Ion Ratio Lower Upper
99 100
42 20.6 20.1 30.1
71 61.0 53.8 80.6



#8
2-Chlorophenol
Concen: 43.155 ng
RT: 7.523 min Scan# 755
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion: 128 Resp: 142577
Ion Ratio Lower Upper
128 100
130 34.8 10.9 50.9
64 46.6 30.3 70.3

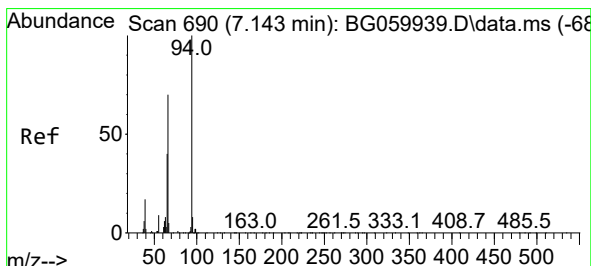
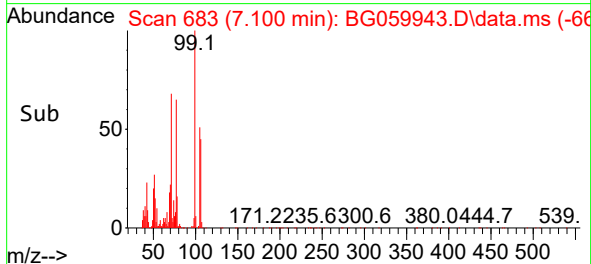
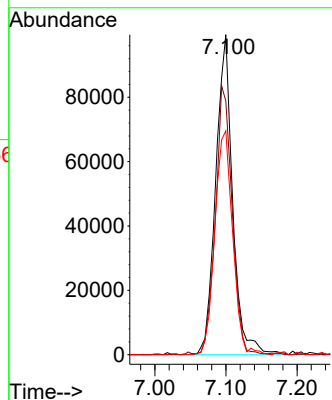
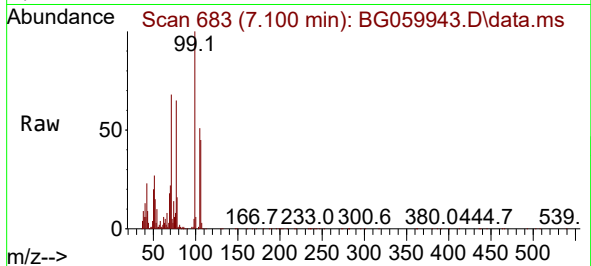




#9
Benzaldehyde
Concen: 41.364 ng
RT: 7.100 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

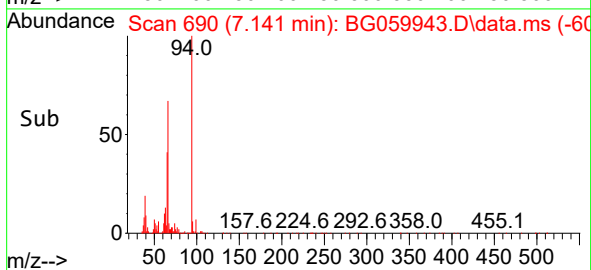
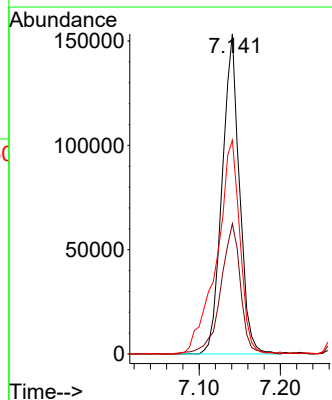
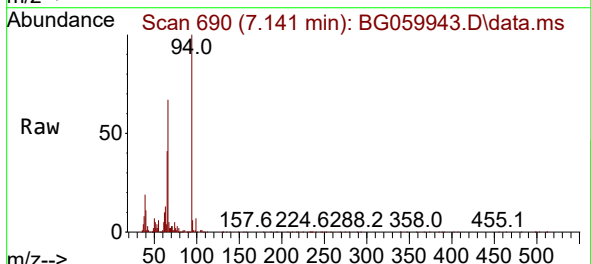
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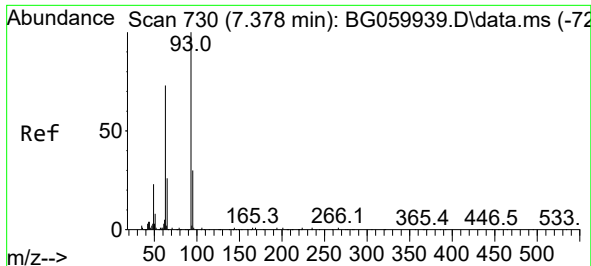
Tgt Ion: 77 Resp: 164038
Ion Ratio Lower Upper
77 100
105 79.3 64.2 104.2
106 69.9 55.6 95.6



#10
Phenol
Concen: 42.526 ng
RT: 7.141 min Scan# 690
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion: 94 Resp: 227079
Ion Ratio Lower Upper
94 100
65 40.7 20.6 60.6
66 66.8 52.1 92.1

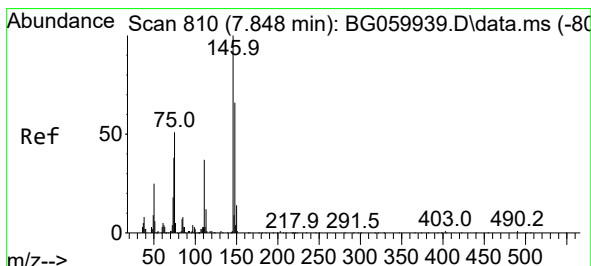
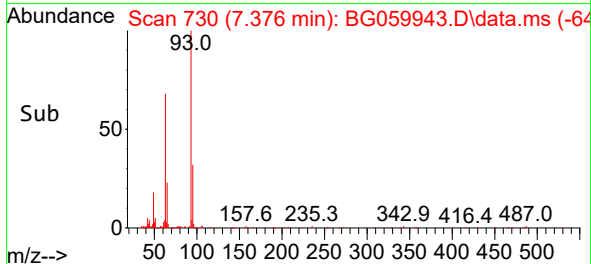
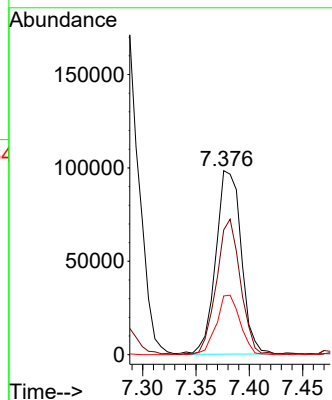
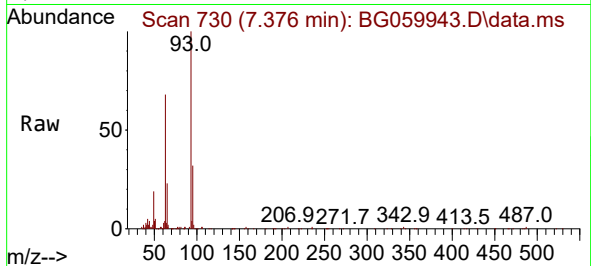




#11
bis(2-Chloroethyl)ether
Concen: 43.820 ng
RT: 7.376 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

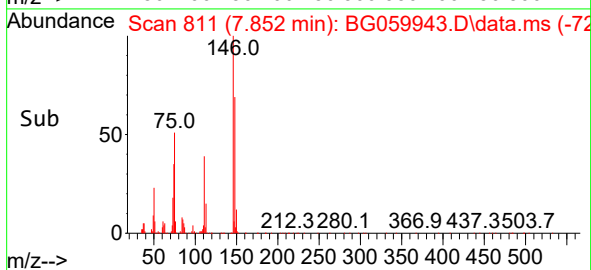
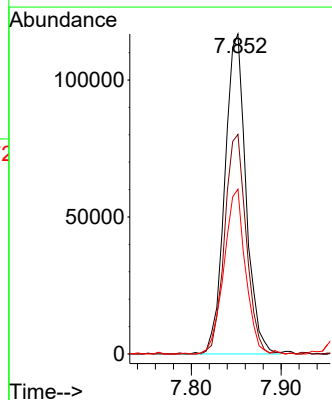
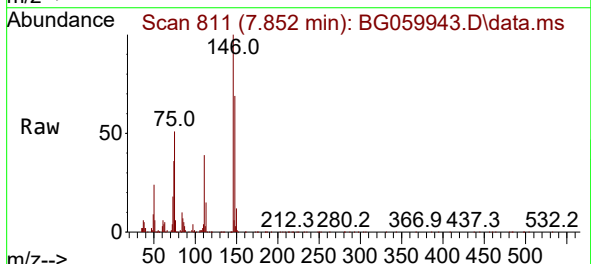
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

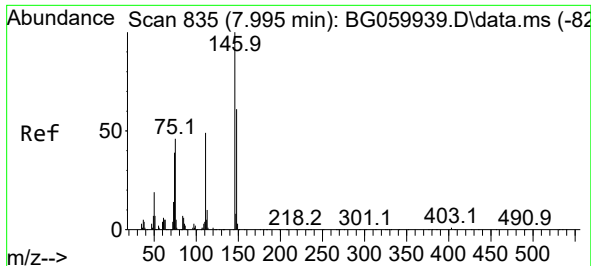
Tgt Ion: 93 Resp: 162835
Ion Ratio Lower Upper
93 100
63 67.8 52.9 92.9
95 32.0 9.9 49.9



#12
1,3-Dichlorobenzene
Concen: 40.216 ng
RT: 7.852 min Scan# 811
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:146 Resp: 191220
Ion Ratio Lower Upper
146 100
148 68.6 52.9 79.3
75 51.5 40.7 61.1

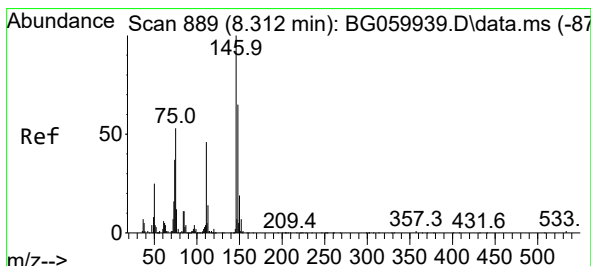
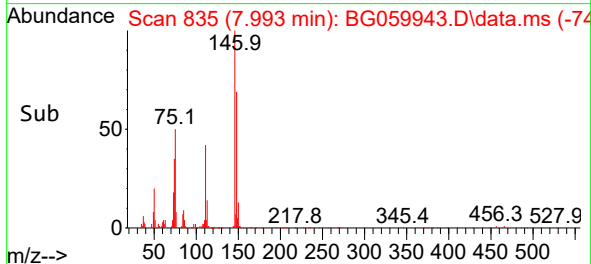
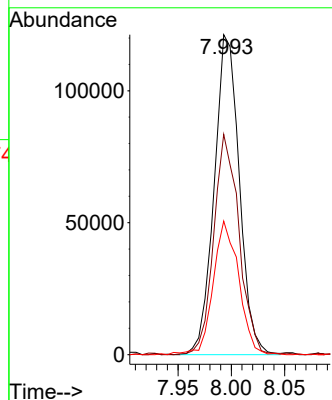
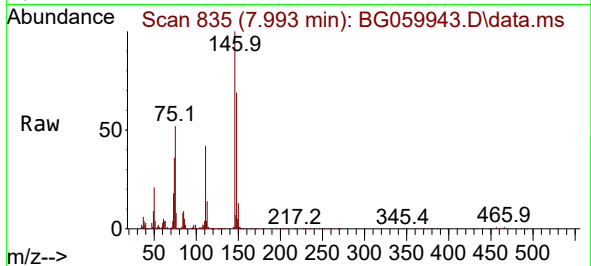




#13
1,4-Dichlorobenzene
Concen: 40.341 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

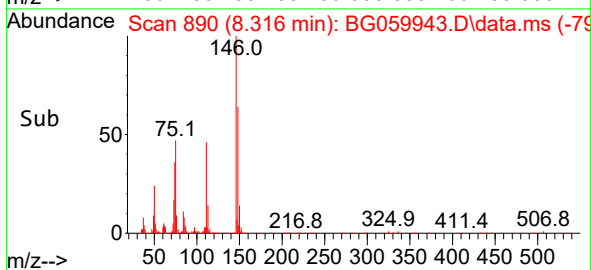
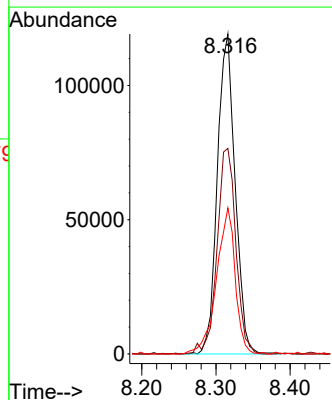
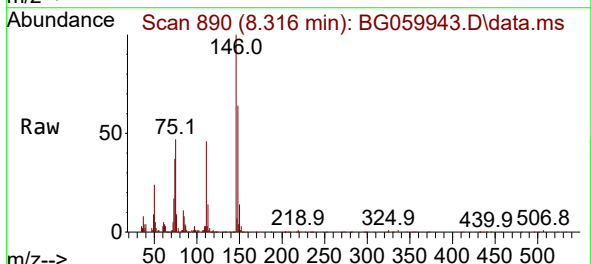
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

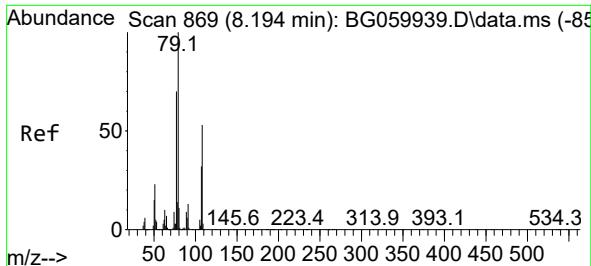
Tgt Ion:146 Resp: 198566
Ion Ratio Lower Upper
146 100
148 68.8 48.8 73.2
111 41.8 39.1 58.7



#14
1,2-Dichlorobenzene
Concen: 41.050 ng
RT: 8.316 min Scan# 890
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:146 Resp: 198088
Ion Ratio Lower Upper
146 100
148 64.2 52.4 78.6
111 45.7 36.7 55.1

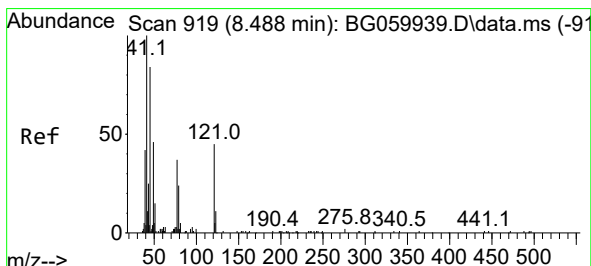
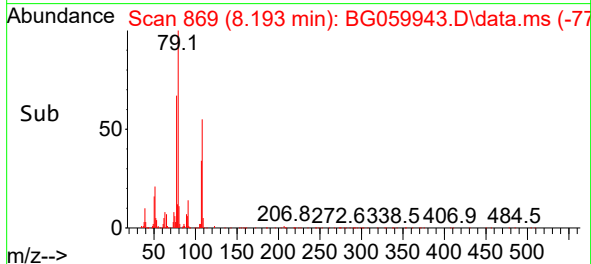
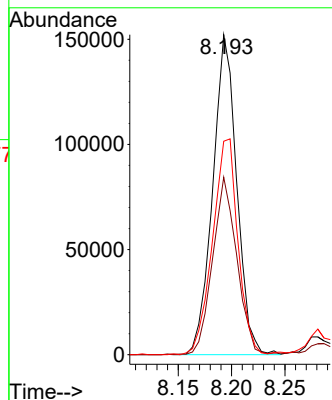
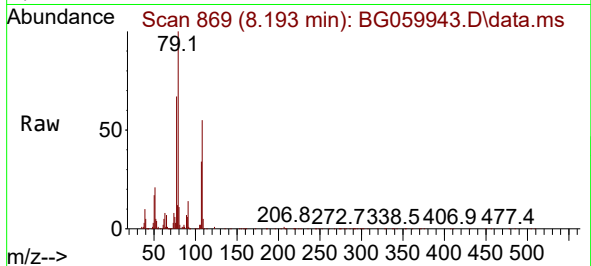




#15
Benzyl Alcohol
Concen: 45.126 ng
RT: 8.193 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

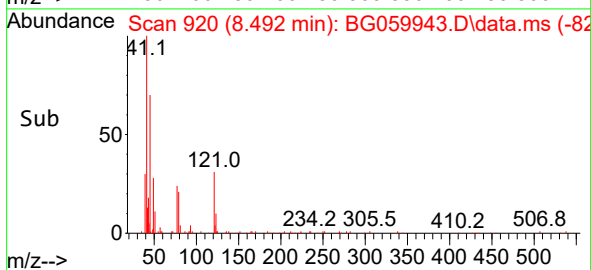
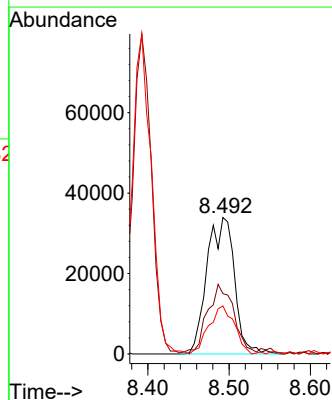
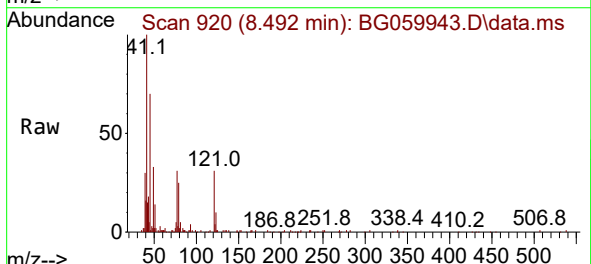
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

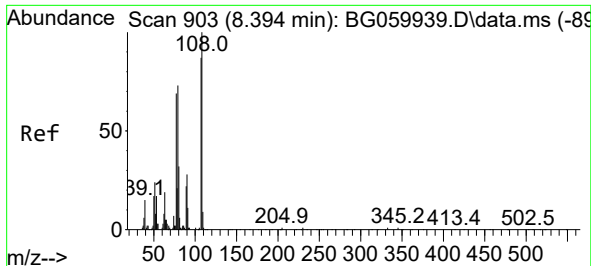
Tgt Ion: 79 Resp: 238058
Ion Ratio Lower Upper
79 100
108 55.5 42.7 64.1
77 66.7 56.3 84.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.872 ng
RT: 8.492 min Scan# 920
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion: 45 Resp: 79764
Ion Ratio Lower Upper
45 100
77 44.2 26.2 66.2
79 35.2 11.2 51.2

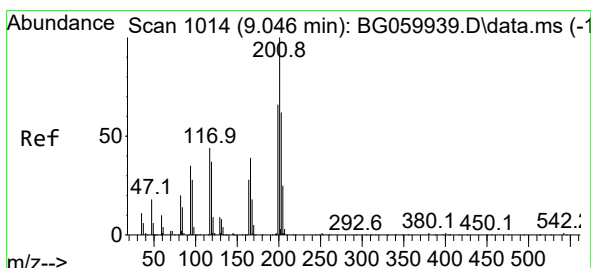
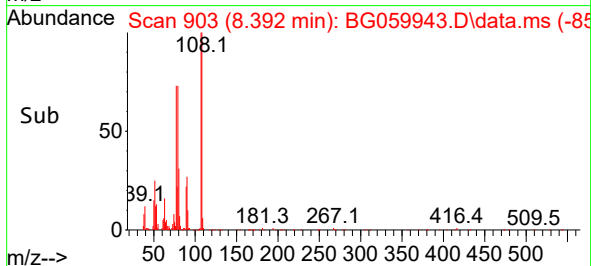
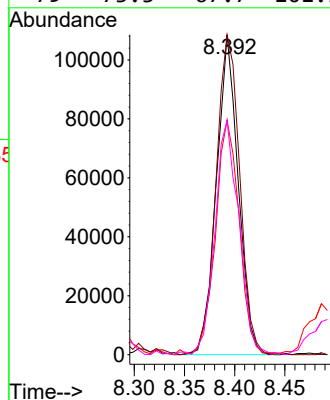
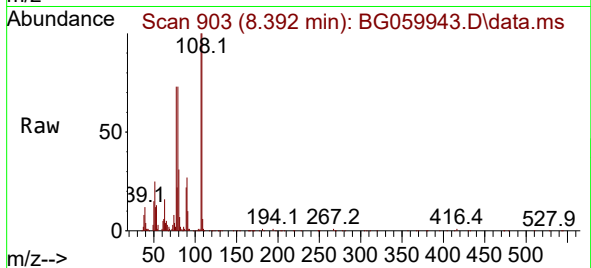




#17
2-Methylphenol
Concen: 45.546 ng
RT: 8.392 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

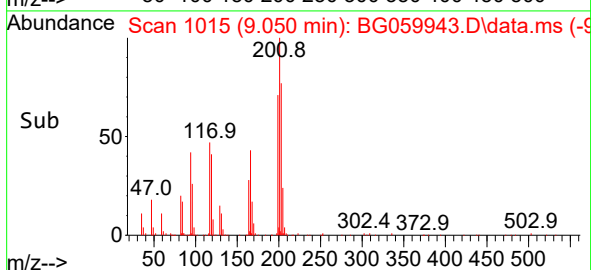
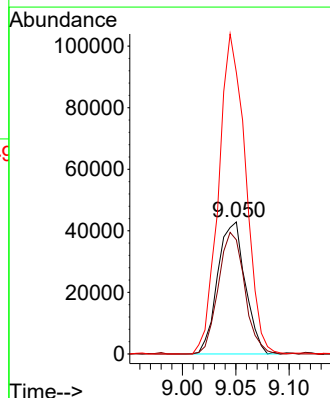
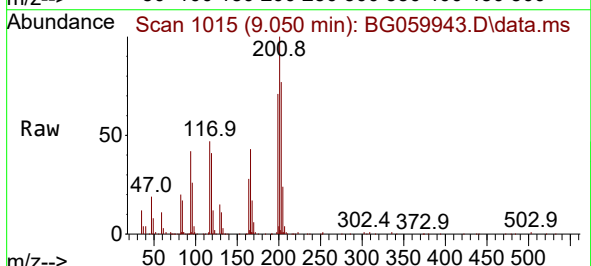
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

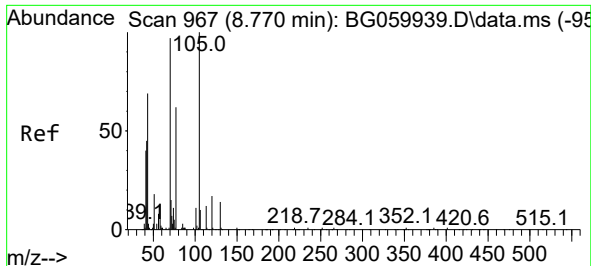
Tgt Ion:	107	Resp:	163882
Ion	Ratio	Lower	Upper
107	100		
108	100.1	92.2	138.4
77	73.2	63.7	95.5
79	73.3	67.7	101.5



#18
Hexachloroethane
Concen: 40.387 ng
RT: 9.050 min Scan# 1015
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:	117	Resp:	77131
Ion	Ratio	Lower	Upper
117	100		
119	86.4	67.5	101.3
201	217.9	183.0	274.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.707 ng

RT: 8.768 min Scan# 90

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

Tgt Ion: 70 Resp: 174855

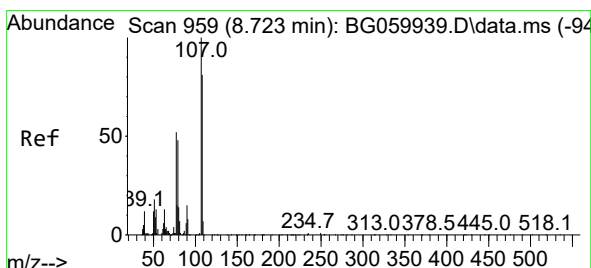
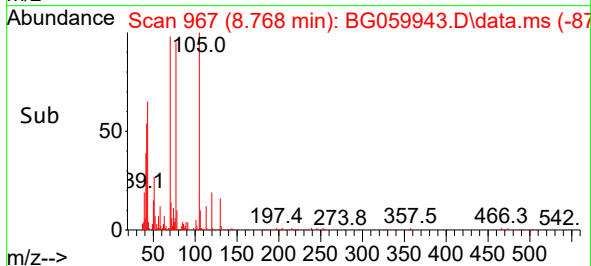
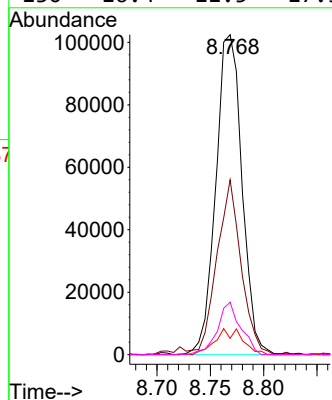
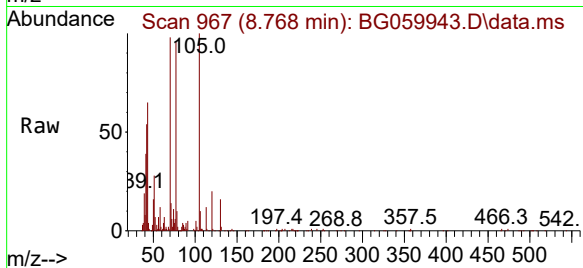
Ion Ratio Lower Upper

70 100

42 54.6 38.1 57.1

101 5.1 8.6 13.0#

130 16.4 11.5 17.3



#20

3+4-Methylphenols

Concen: 44.610 ng

RT: 8.721 min Scan# 959

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Tgt Ion: 107 Resp: 227772

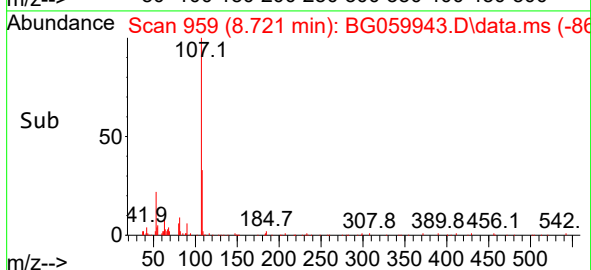
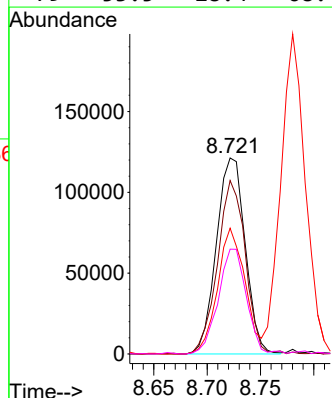
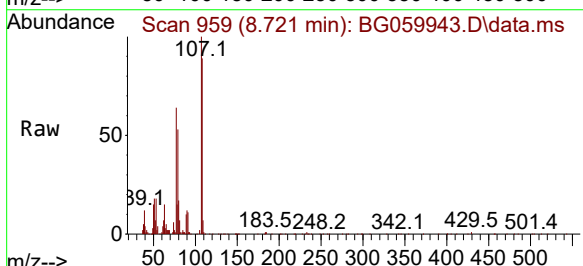
Ion Ratio Lower Upper

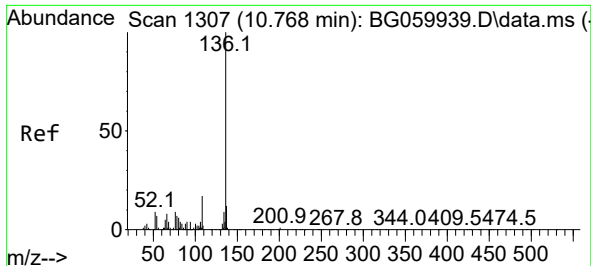
107 100

108 88.5 60.7 100.7

77 64.2 32.2 72.2

79 53.5 28.4 68.4

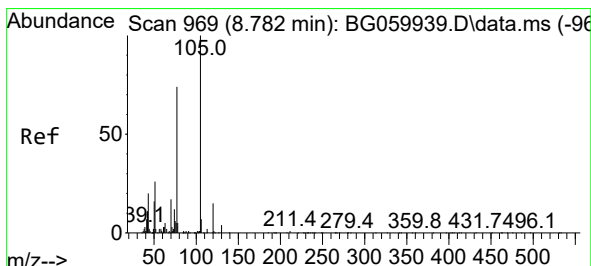
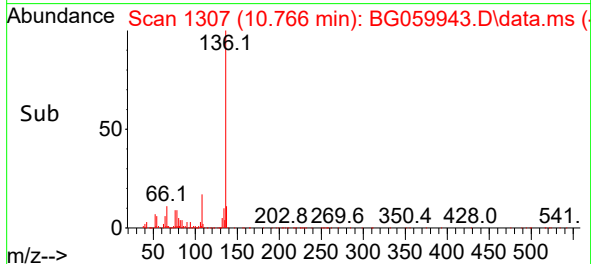
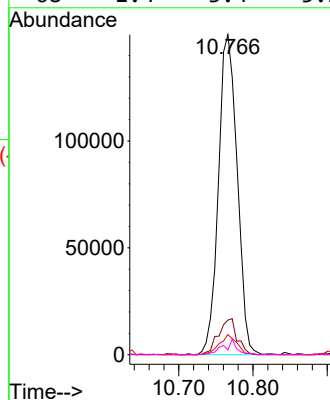
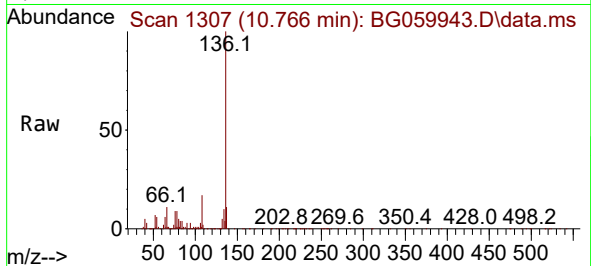




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.766 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

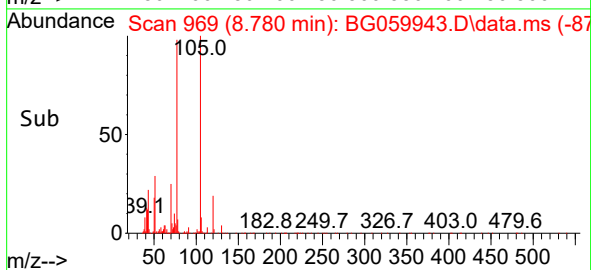
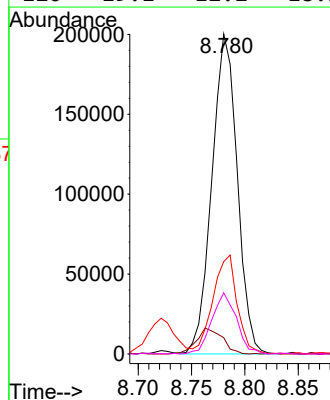
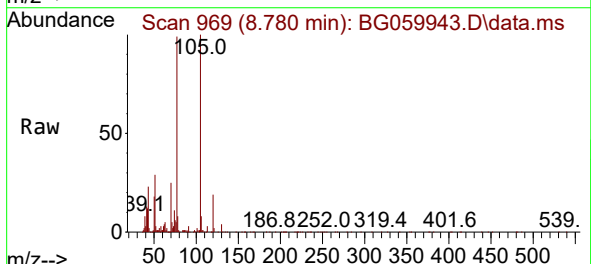
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

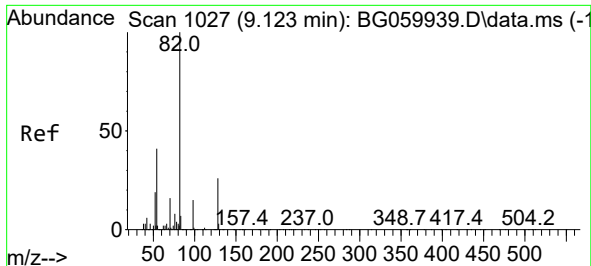
Tgt Ion:	136	Resp:	262865
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.8	14.6
54	6.3	5.8	8.6
68	1.4	3.4	5.2#



#22
Acetophenone
Concen: 39.460 ng
RT: 8.780 min Scan# 969
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:	105	Resp:	331459
Ion Ratio	Lower	Upper	
105	100		
71	5.1	3.0	4.4#
51	28.8	24.4	36.6
120	19.1	12.2	18.2#

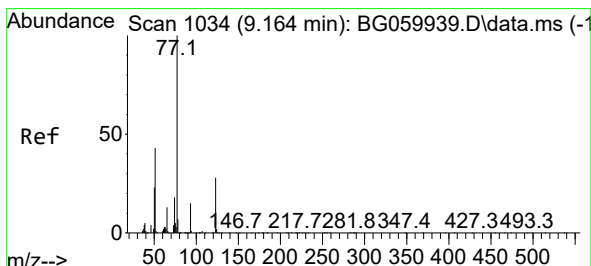
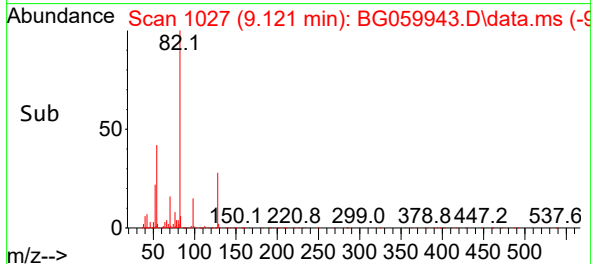
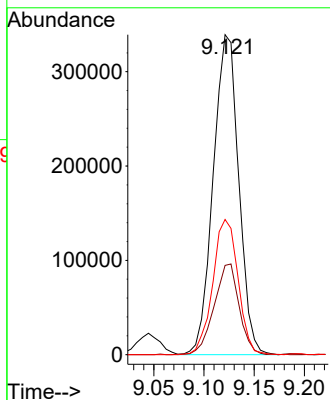
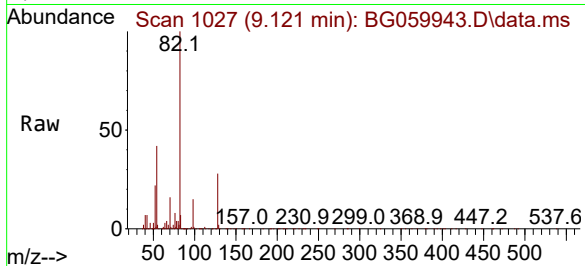




#23
Nitrobenzene-d5
Concen: 81.471 ng
RT: 9.121 min Scan# 1027
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

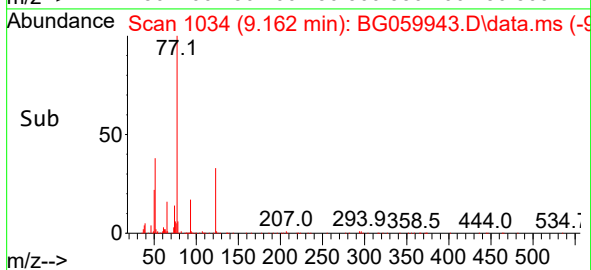
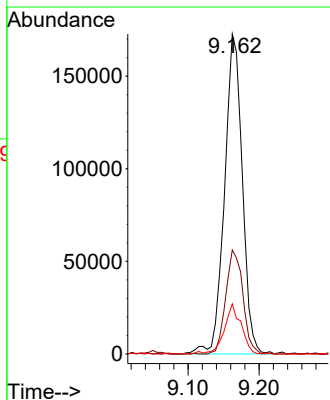
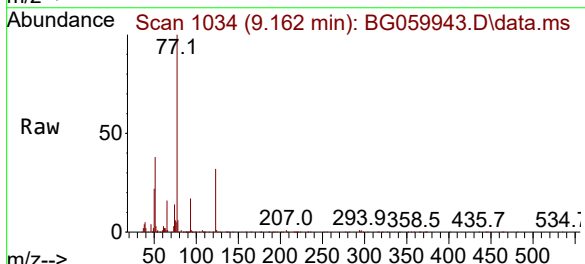
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

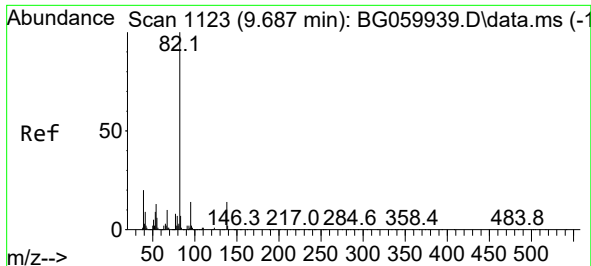
Tgt Ion: 82 Resp: 599099
Ion Ratio Lower Upper
82 100
128 27.9 21.0 31.6
54 42.3 32.6 48.8



#24
Nitrobenzene
Concen: 40.711 ng
RT: 9.162 min Scan# 1034
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion: 77 Resp: 299556
Ion Ratio Lower Upper
77 100
123 32.5 22.7 34.1
65 15.6 10.6 16.0

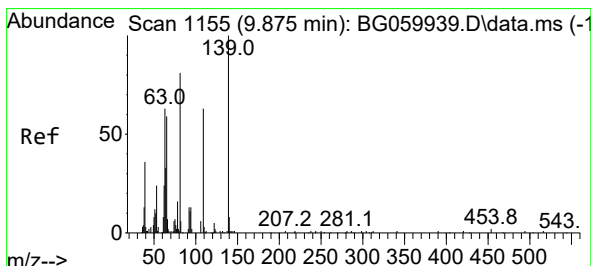
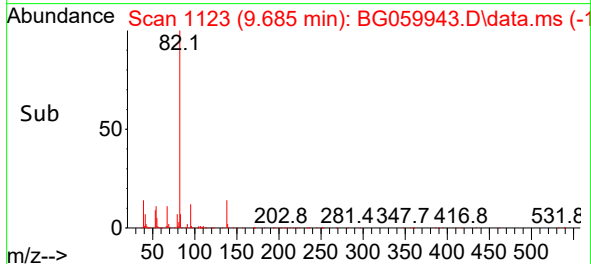
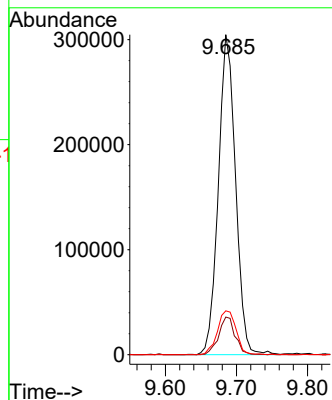
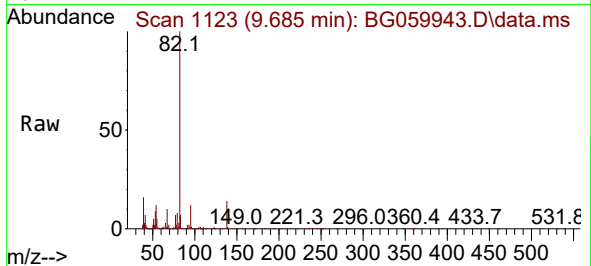




#25
Isophorone
Concen: 40.326 ng
RT: 9.685 min Scan# 1123
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

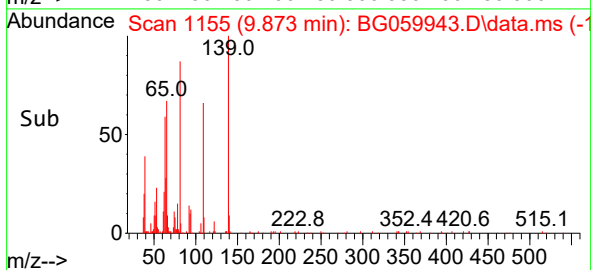
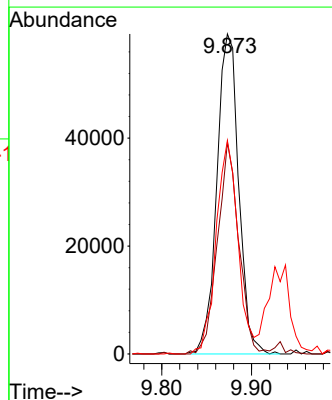
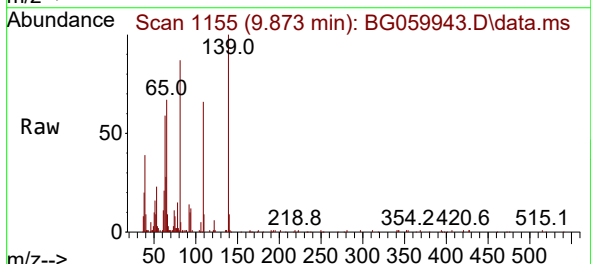
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

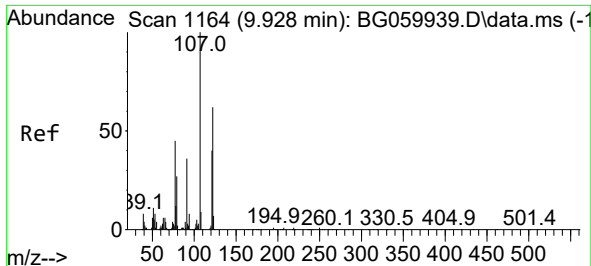
Tgt Ion: 82 Resp: 509834
Ion Ratio Lower Upper
82 100
95 11.8 11.2 16.8
138 13.7 11.0 16.4



#26
2-Nitrophenol
Concen: 42.958 ng
RT: 9.873 min Scan# 1155
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:139 Resp: 100519
Ion Ratio Lower Upper
139 100
109 66.1 50.2 75.2
65 66.7 46.8 70.2

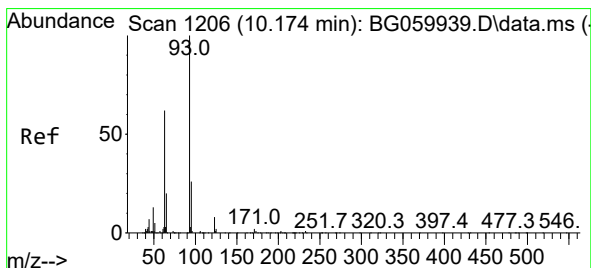
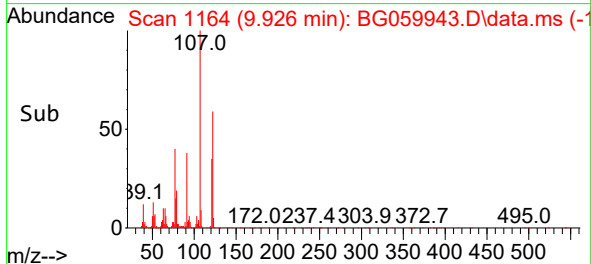
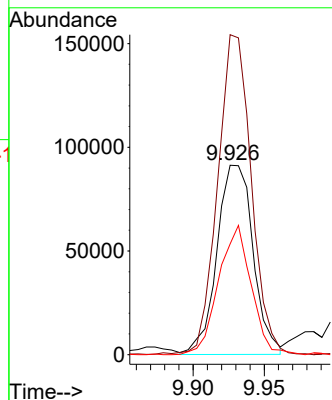
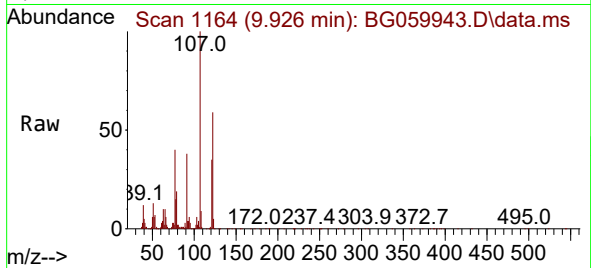




#27
2,4-Dimethylphenol
Concen: 50.351 ng
RT: 9.926 min Scan# 1164
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

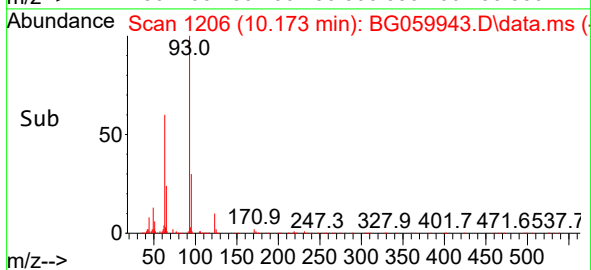
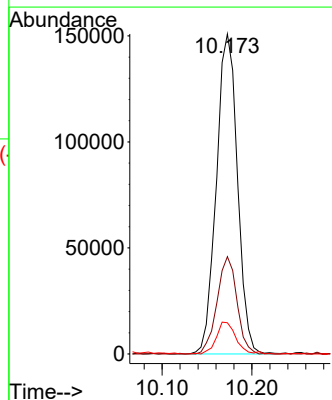
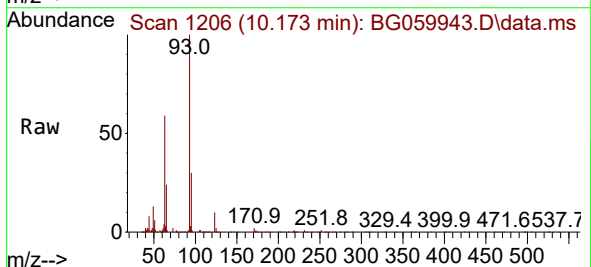
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

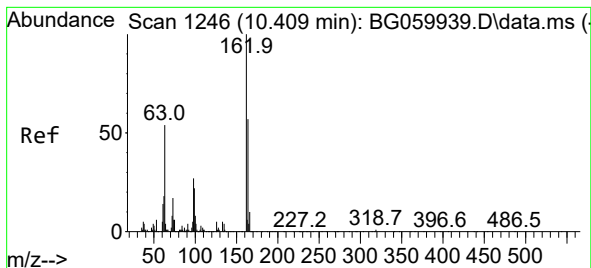
Tgt Ion:122 Resp: 161725
Ion Ratio Lower Upper
122 100
107 168.9 126.1 189.1
121 58.5 50.3 75.5



#28
bis(2-Chloroethoxy)methane
Concen: 41.406 ng
RT: 10.173 min Scan# 1206
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion: 93 Resp: 245945
Ion Ratio Lower Upper
93 100
95 30.4 21.0 31.4
123 9.8 6.7 10.1

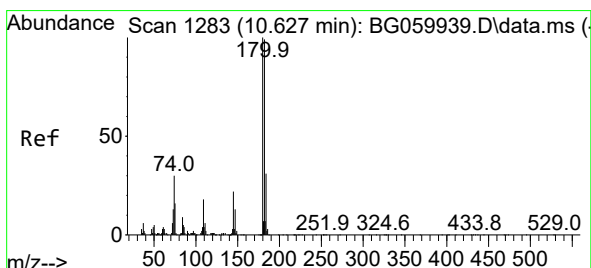
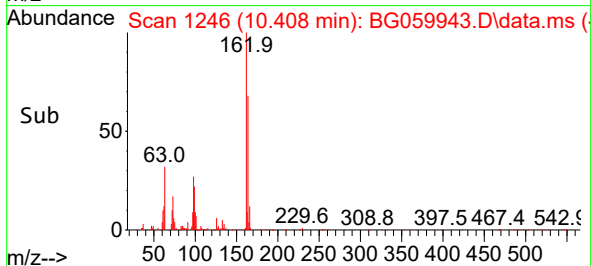
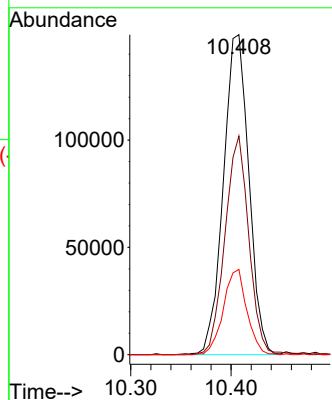
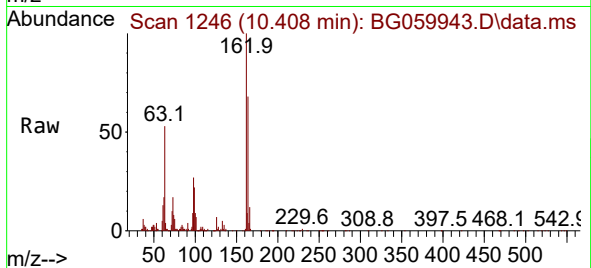




#29
2,4-Dichlorophenol
Concen: 41.103 ng
RT: 10.408 min Scan# 1246
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

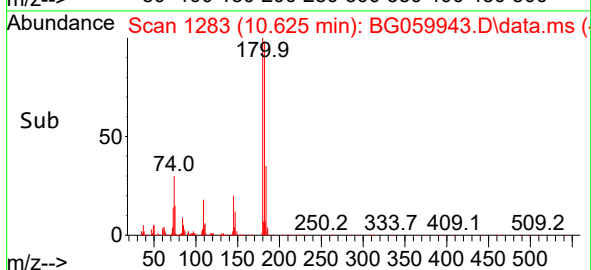
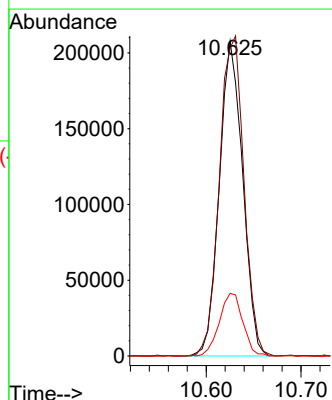
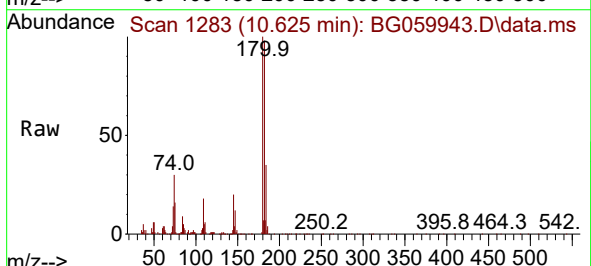
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

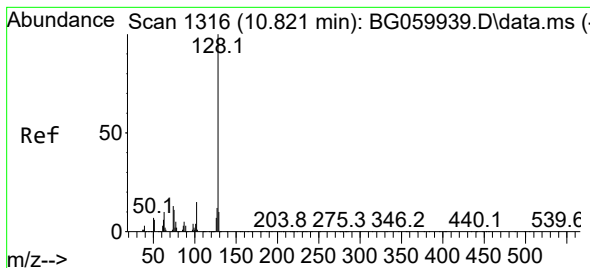
Tgt Ion:162 Resp: 262863
Ion Ratio Lower Upper
162 100
164 68.3 36.7 76.7
98 26.6 7.4 47.4



#30
1,2,4-Trichlorobenzene
Concen: 38.119 ng
RT: 10.625 min Scan# 1283
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:180 Resp: 355492
Ion Ratio Lower Upper
180 100
182 97.8 79.0 118.6
145 19.9 17.4 26.0

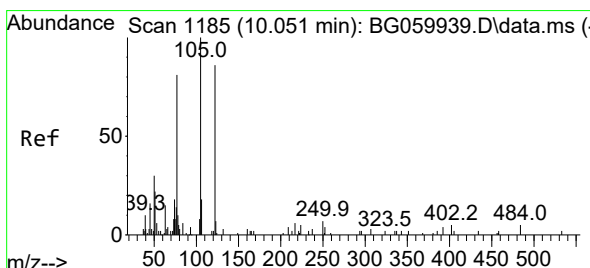
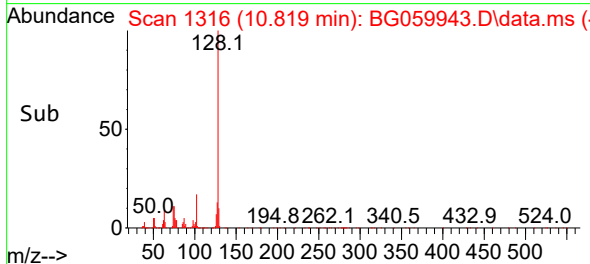
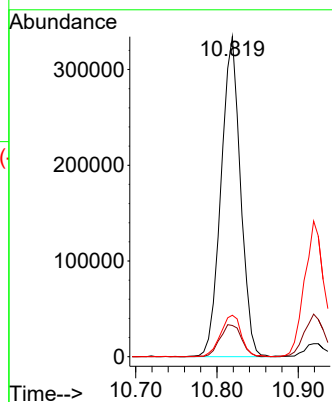
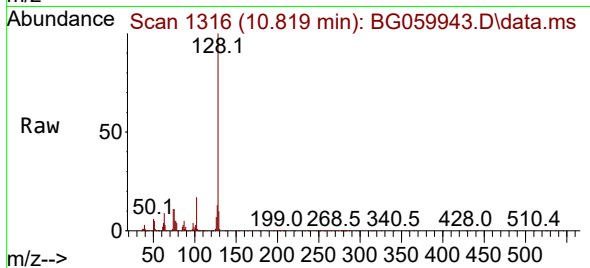




#31
Naphthalene
Concen: 41.139 ng
RT: 10.819 min Scan# 1118
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

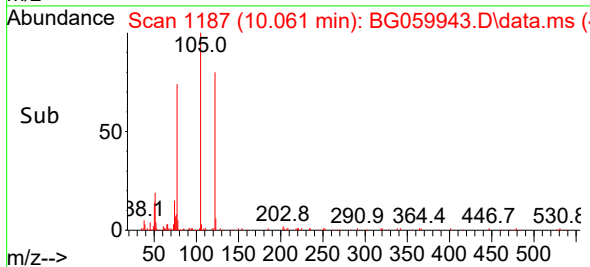
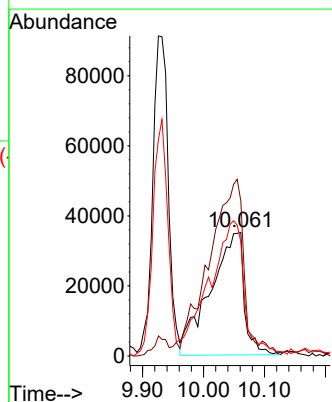
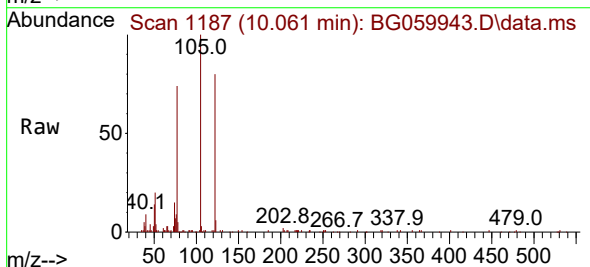
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

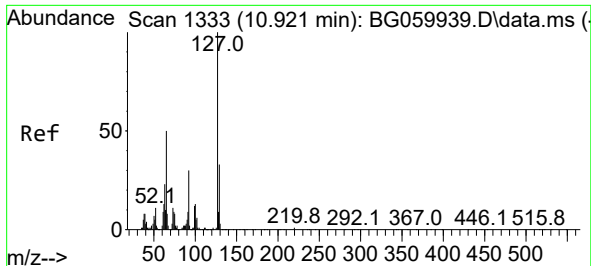
Tgt Ion:128 Resp: 555876
Ion Ratio Lower Upper
128 100
129 9.7 7.6 11.4
127 13.0 9.9 14.9



#32
Benzoic acid
Concen: 44.371 ng
RT: 10.061 min Scan# 1187
Delta R.T. 0.010 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:122 Resp: 135900
Ion Ratio Lower Upper
122 100
105 125.3 123.9 163.9
77 92.3 94.6 134.6#

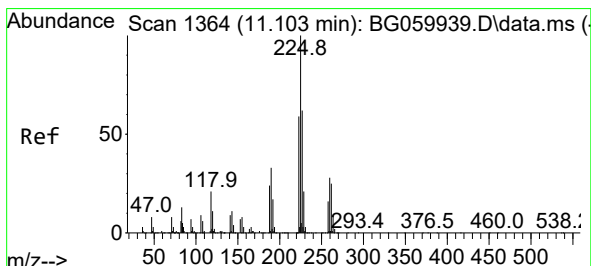
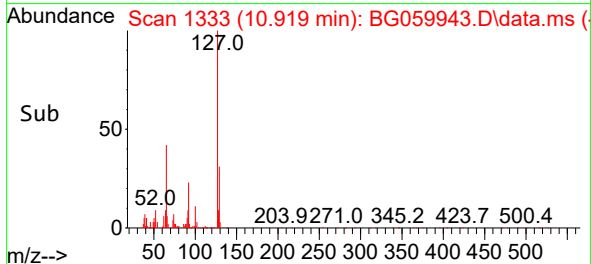
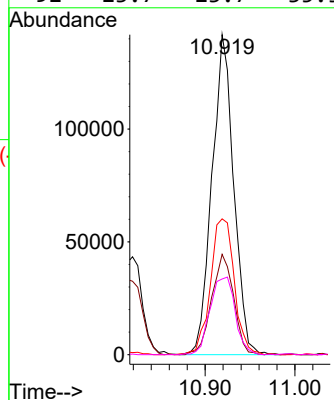
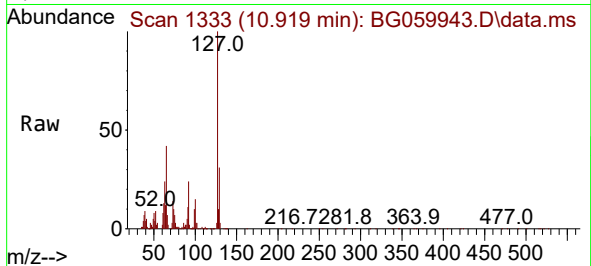




#33
4-Chloroaniline
Concen: 45.242 ng
RT: 10.919 min Scan# 1333
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

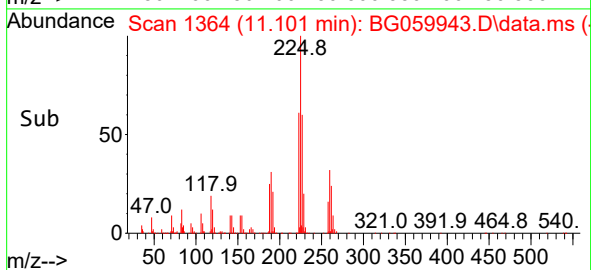
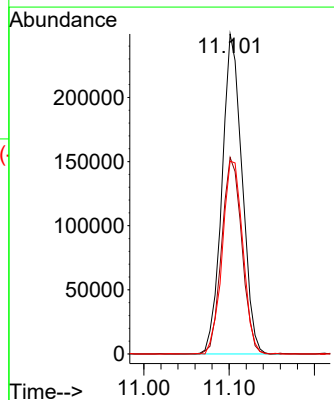
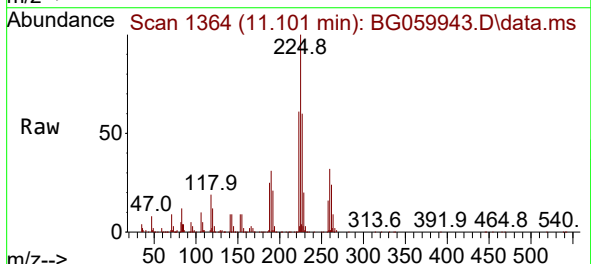
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

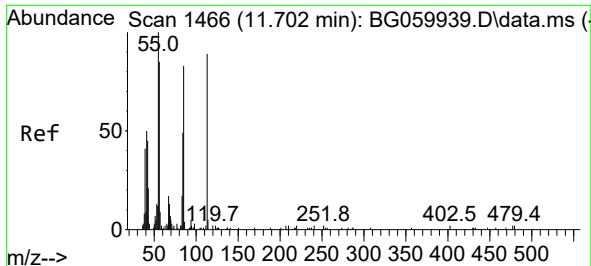
Tgt Ion:	127	Resp:	238411
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.6	40.0
65	42.4	40.4	60.6
92	23.7	23.7	35.5



#34
Hexachlorobutadiene
Concen: 39.052 ng
RT: 11.101 min Scan# 1364
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:	225	Resp:	408320
Ion	Ratio	Lower	Upper
225	100		
223	61.4	47.0	70.6
227	60.2	50.2	75.4

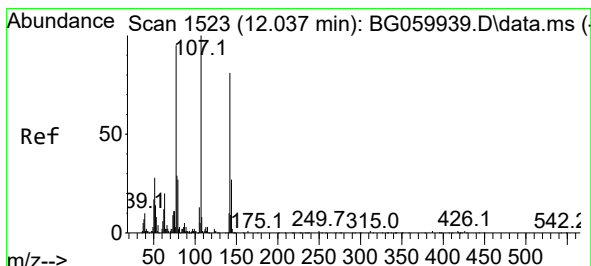
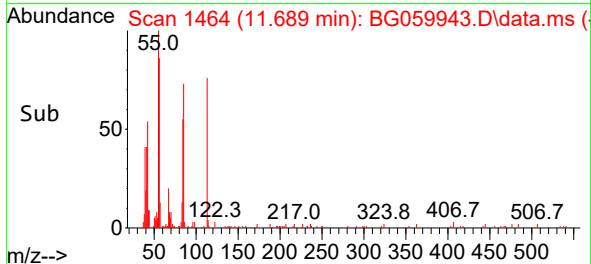
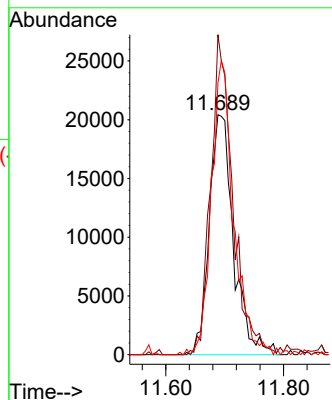
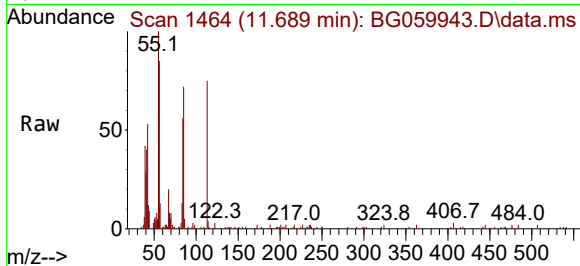




#35
Caprolactam
Concen: 43.432 ng
RT: 11.689 min Scan# 1466
Delta R.T. -0.013 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

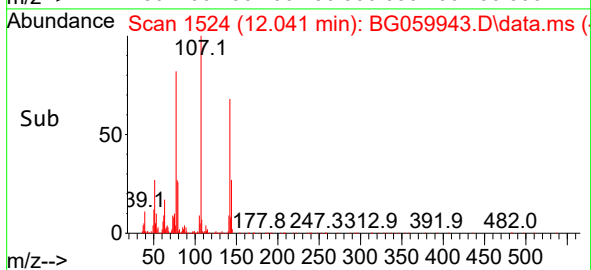
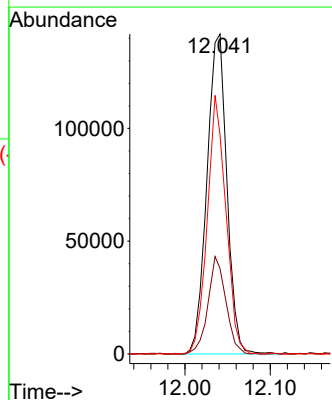
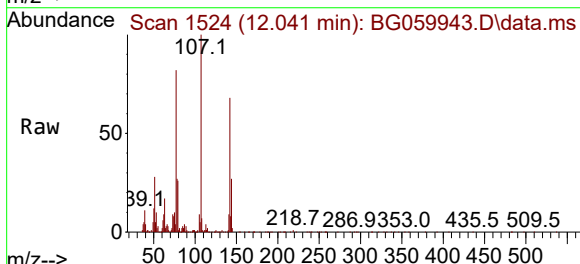
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

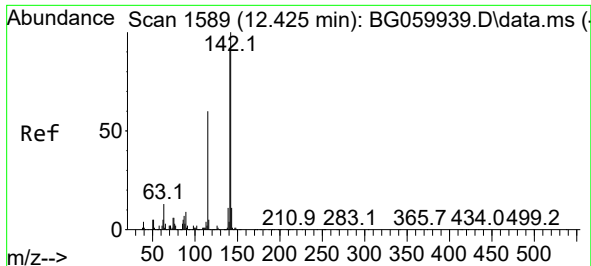
Tgt Ion:113 Resp: 58417
Ion Ratio Lower Upper
113 100
55 133.3 93.5 133.5
56 113.3 74.9 114.9



#36
4-Chloro-3-methylphenol
Concen: 43.892 ng
RT: 12.041 min Scan# 1524
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:107 Resp: 231154
Ion Ratio Lower Upper
107 100
144 26.7 21.6 32.4
142 68.5 64.6 97.0





#37

2-Methylnaphthalene

Concen: 42.658 ng

RT: 12.429 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

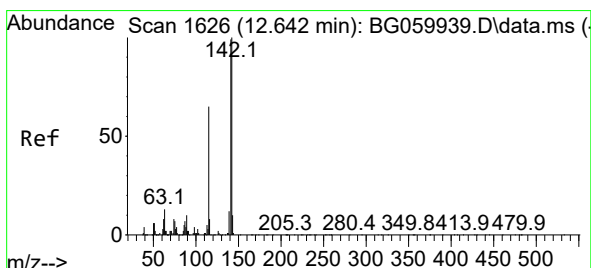
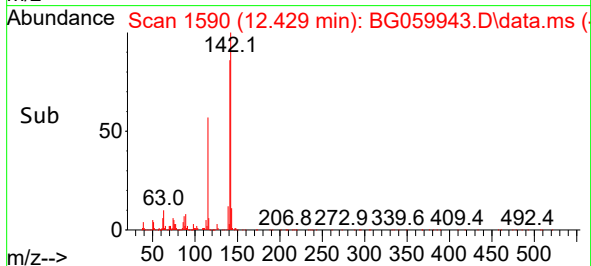
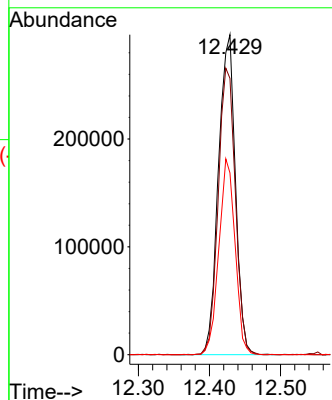
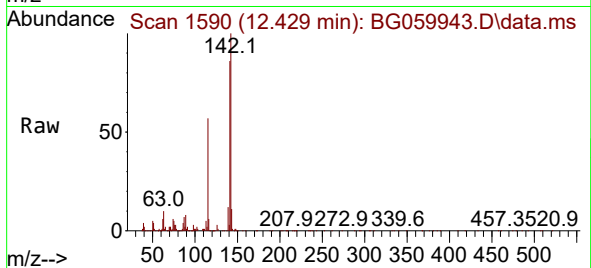
Tgt Ion:142 Resp: 489244

Ion Ratio Lower Upper

142 100

141 86.3 73.4 110.2

115 56.8 48.1 72.1



#38

1-Methylnaphthalene

Concen: 42.393 ng

RT: 12.640 min Scan# 1626

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

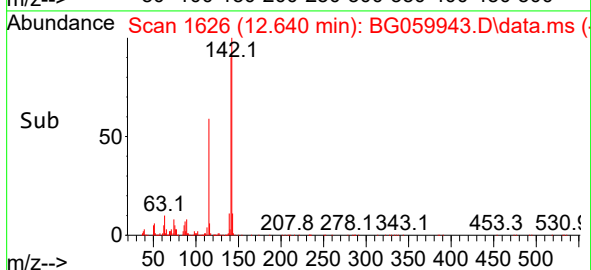
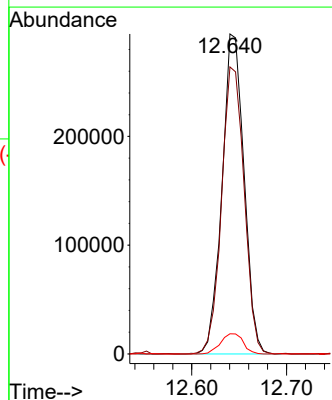
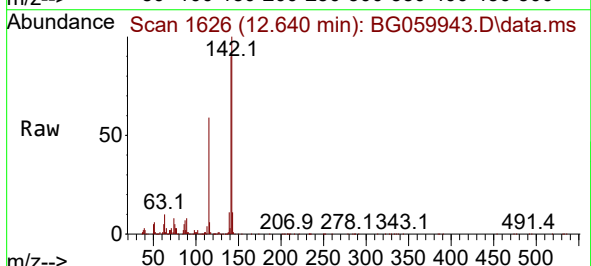
Tgt Ion:142 Resp: 474820

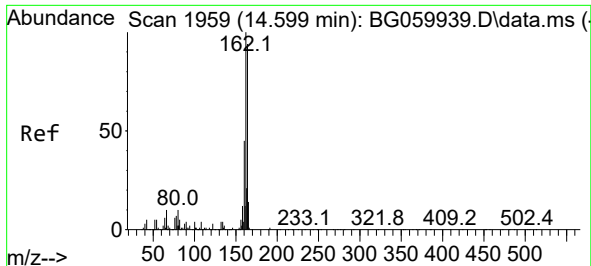
Ion Ratio Lower Upper

142 100

141 89.7 79.4 119.2

116 6.3 6.2 9.4

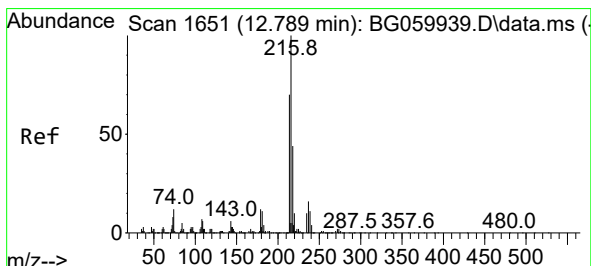
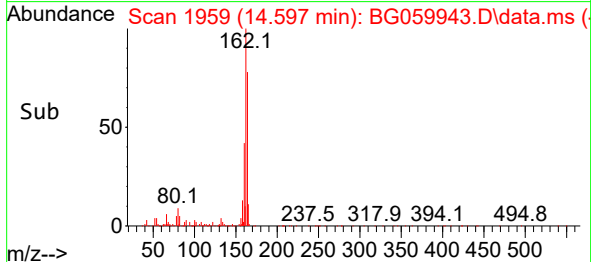
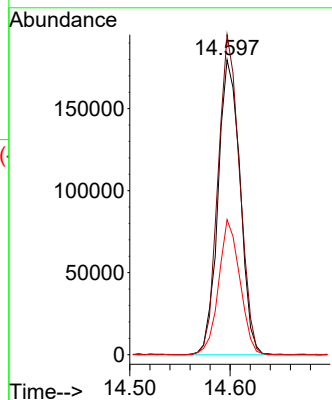
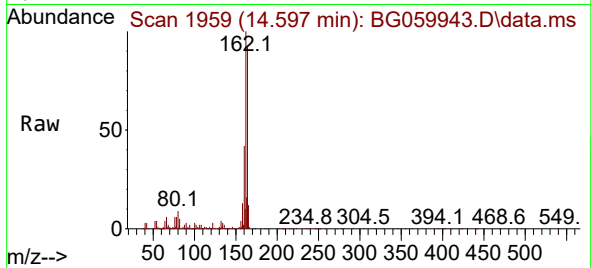




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.597 min Scan# 1959
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

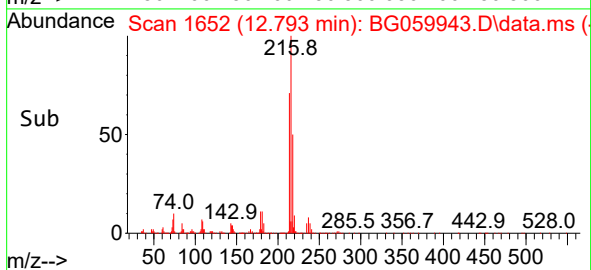
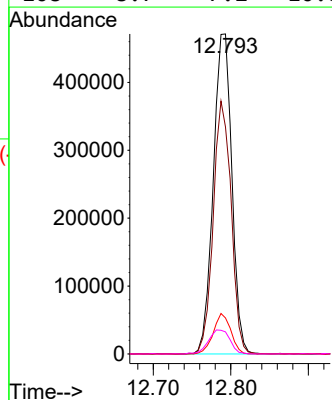
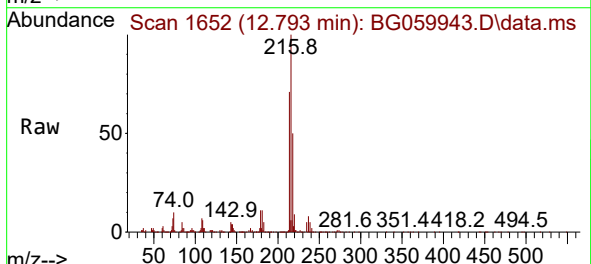
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

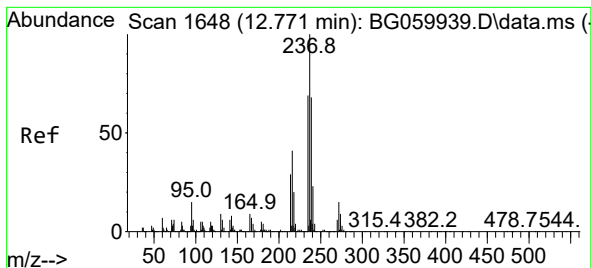
Tgt Ion:164 Resp: 273484
Ion Ratio Lower Upper
164 100
162 108.5 85.0 127.6
160 45.8 38.1 57.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.129 ng
RT: 12.793 min Scan# 1652
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:216 Resp: 783457
Ion Ratio Lower Upper
216 100
214 76.3 58.3 87.5
179 11.9 10.2 15.4
108 8.7 7.2 10.8

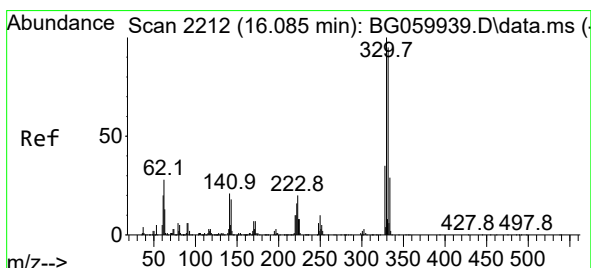
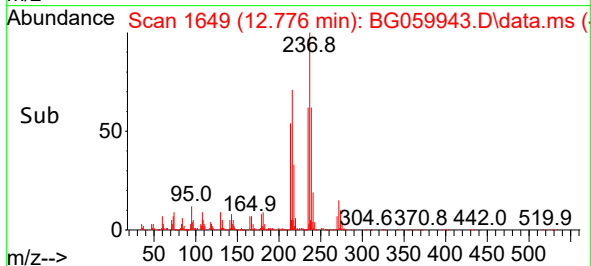
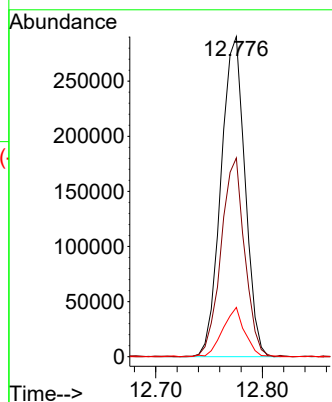
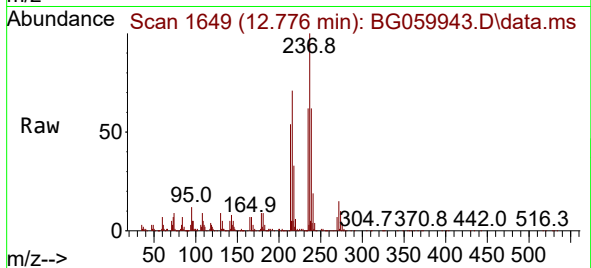




#41
Hexachlorocyclopentadiene
Concen: 45.914 ng
RT: 12.776 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

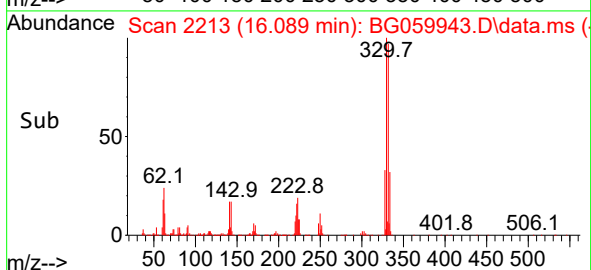
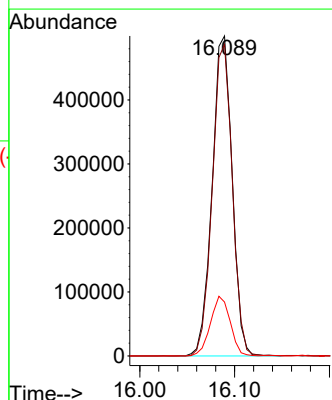
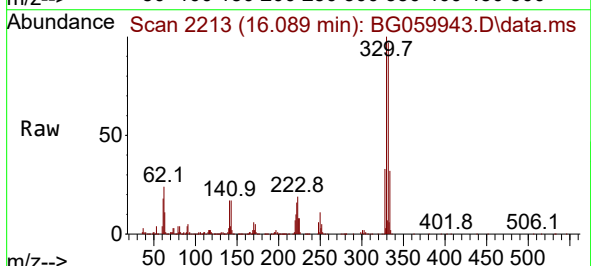
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

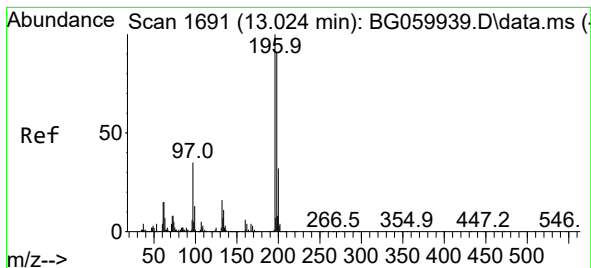
Tgt Ion:237 Resp: 454209
Ion Ratio Lower Upper
237 100
235 62.1 49.4 89.4
272 15.4 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 83.354 ng
RT: 16.089 min Scan# 2213
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:330 Resp: 733441
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 18.4 15.0 22.6





#43

2,4,6-Trichlorophenol

Concen: 40.464 ng

RT: 13.022 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

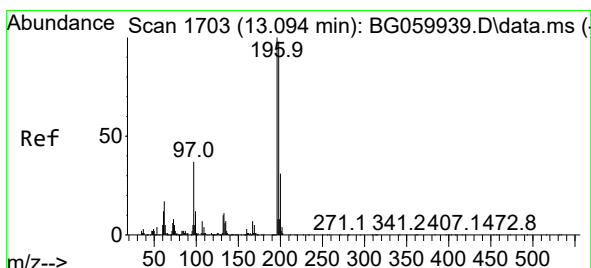
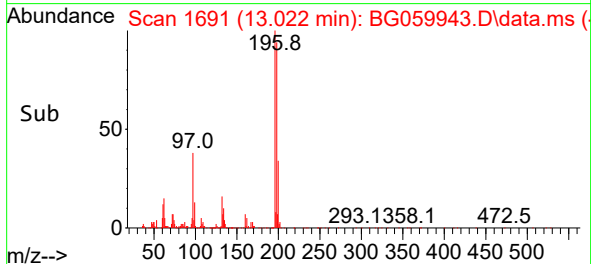
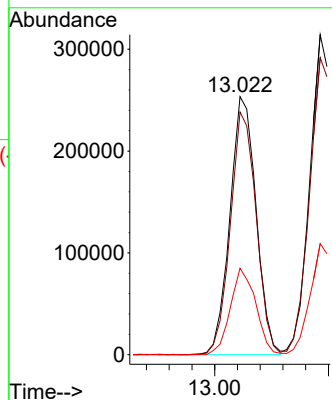
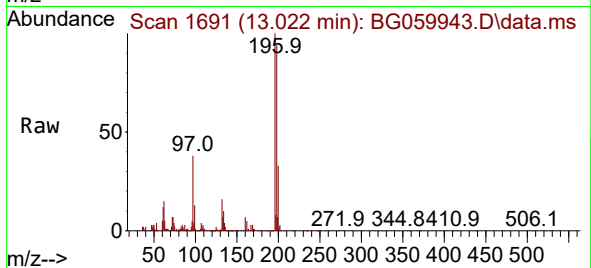
Tgt Ion:196 Resp: 404524

Ion Ratio Lower Upper

196 100

198 94.0 72.6 109.0

200 33.5 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 42.860 ng

RT: 13.093 min Scan# 1703

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Tgt Ion:196 Resp: 471173

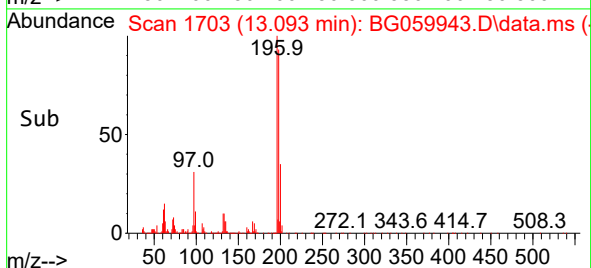
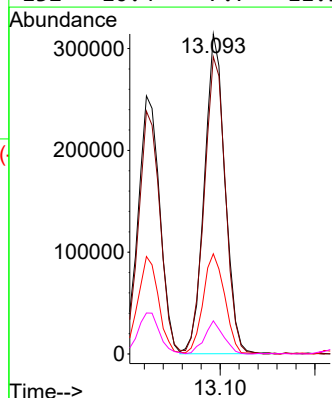
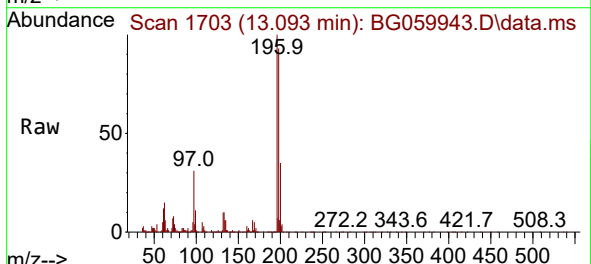
Ion Ratio Lower Upper

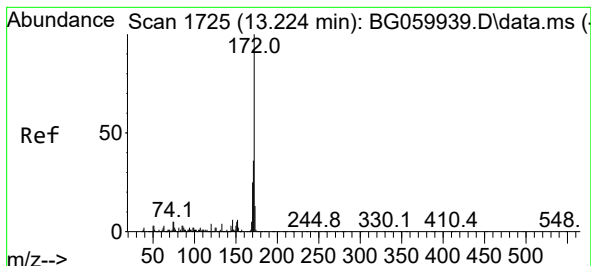
196 100

198 92.9 78.3 117.5

97 31.3 30.2 45.4

132 10.4 7.7 11.5





#45

2-Fluorobiphenyl

Concen: 81.771 ng

RT: 13.222 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

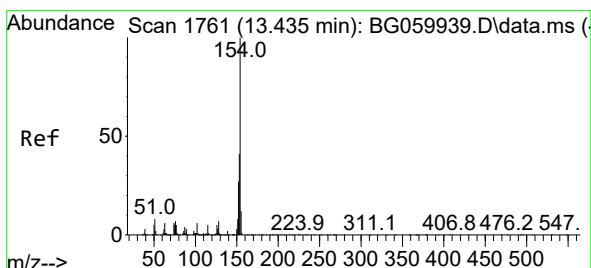
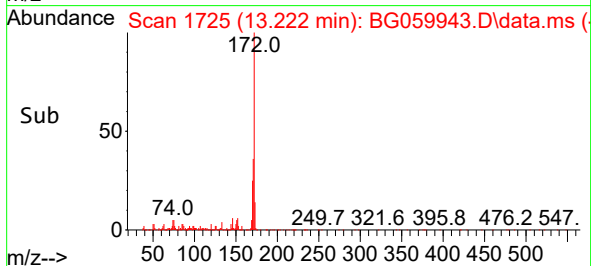
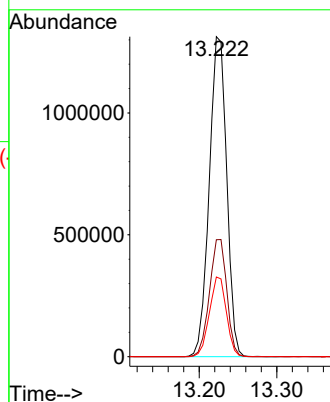
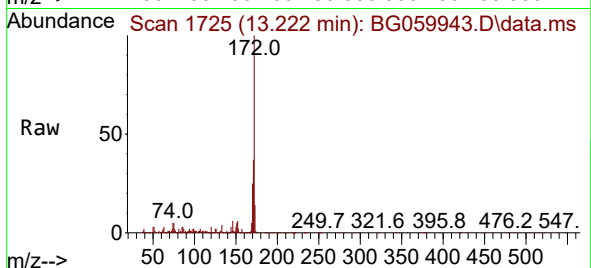
Tgt Ion:172 Resp: 2050372

Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

170 24.9 19.8 29.8



#46

1,1'-Biphenyl

Concen: 41.087 ng

RT: 13.434 min Scan# 1761

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

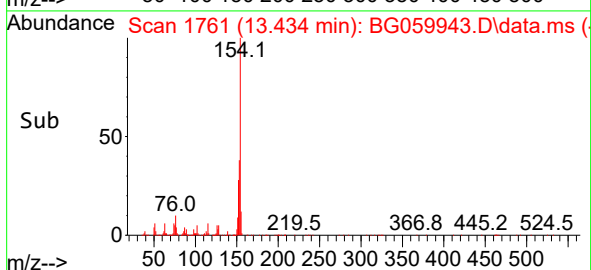
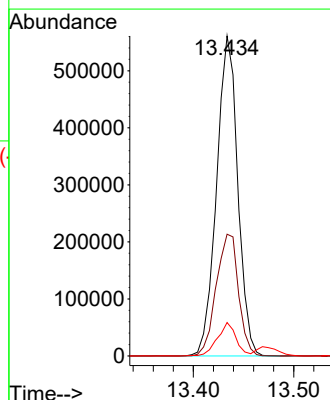
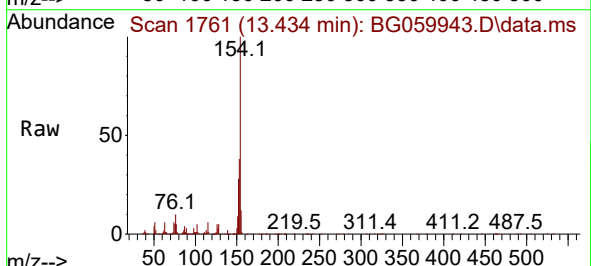
Tgt Ion:154 Resp: 821172

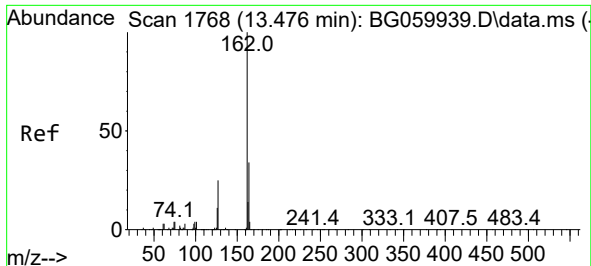
Ion Ratio Lower Upper

154 100

153 38.1 20.8 60.8

76 10.5 0.0 27.4

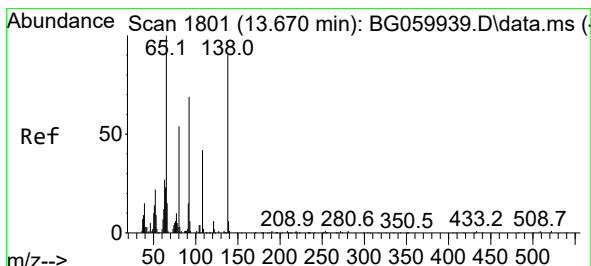
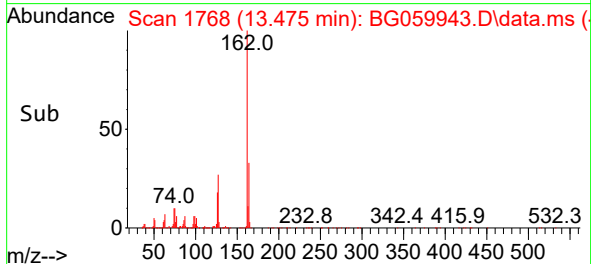
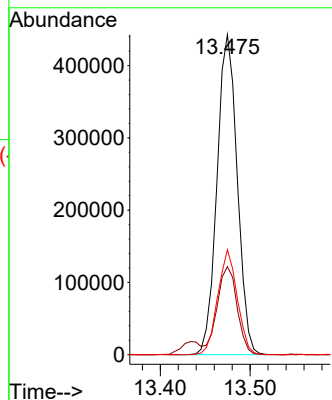
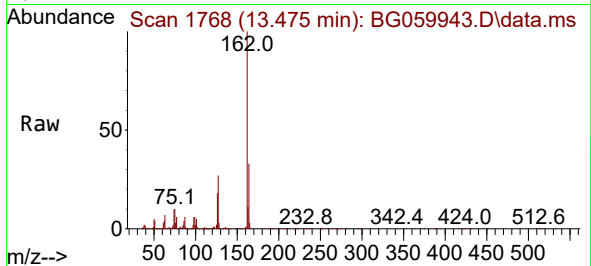




#47
2-Chloronaphthalene
Concen: 38.742 ng
RT: 13.475 min Scan# 1768
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

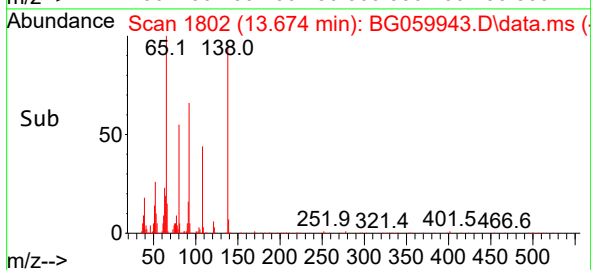
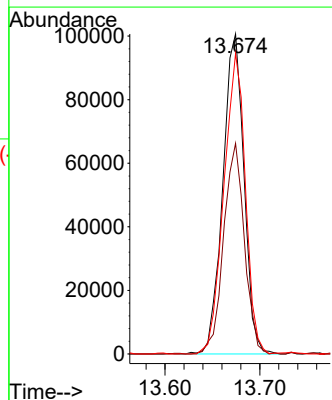
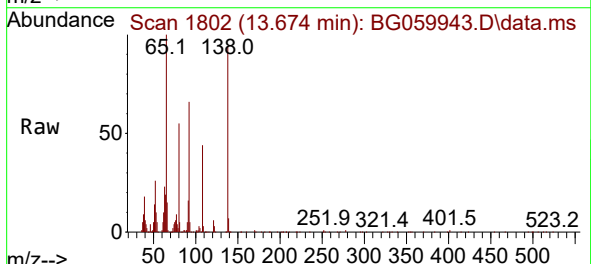
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

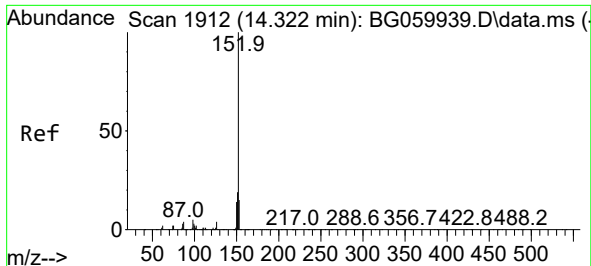
Tgt Ion:162 Resp: 692779
Ion Ratio Lower Upper
162 100
127 27.5 22.6 33.8
164 32.8 27.4 41.0



#48
2-Nitroaniline
Concen: 45.932 ng
RT: 13.674 min Scan# 1802
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion: 65 Resp: 155687
Ion Ratio Lower Upper
65 100
92 65.8 55.4 83.2
138 93.9 71.8 107.6

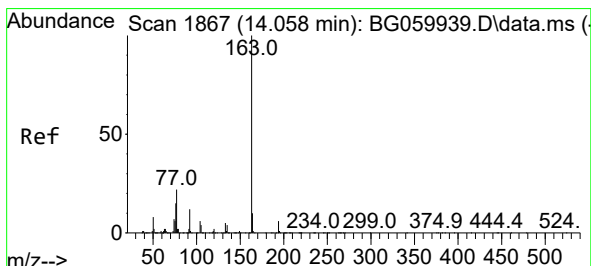
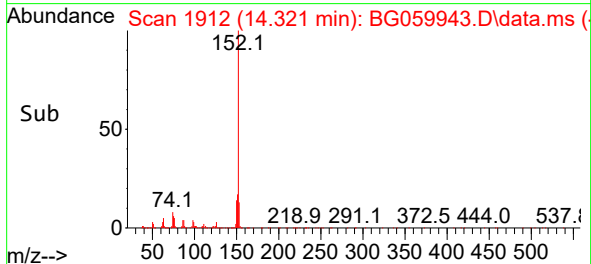
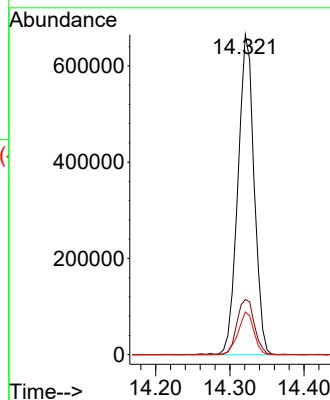
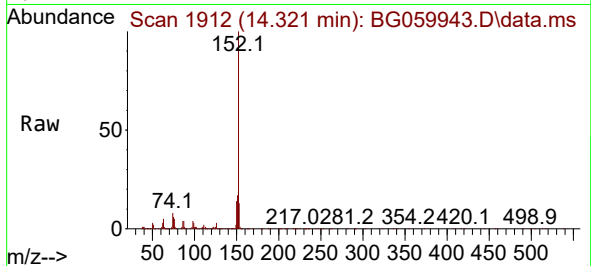




#49
Acenaphthylene
Concen: 42.214 ng
RT: 14.321 min Scan# 1912
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

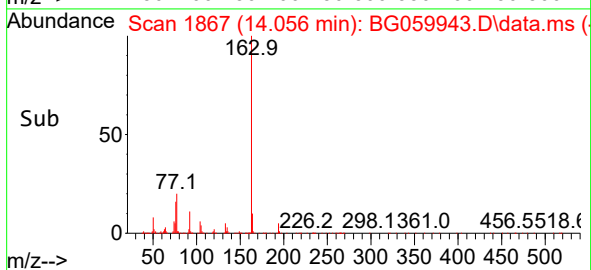
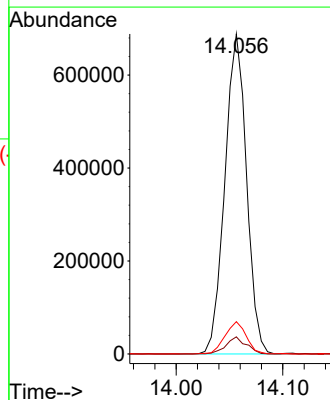
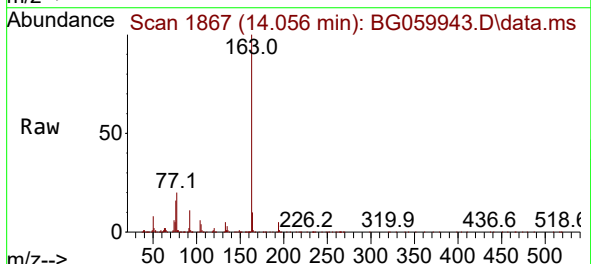
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

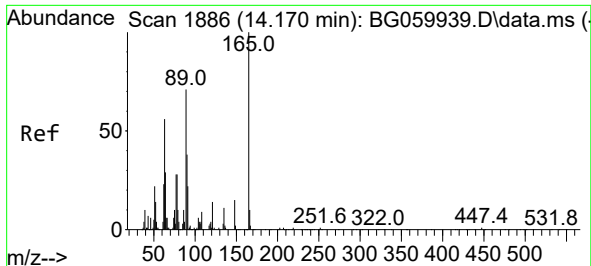
Tgt Ion:152 Resp: 1010284
Ion Ratio Lower Upper
152 100
151 17.3 15.3 22.9
153 13.4 11.7 17.5



#50
Dimethylphthalate
Concen: 41.723 ng
RT: 14.056 min Scan# 1867
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:163 Resp: 971346
Ion Ratio Lower Upper
163 100
194 5.4 4.6 7.0
164 10.1 8.1 12.1

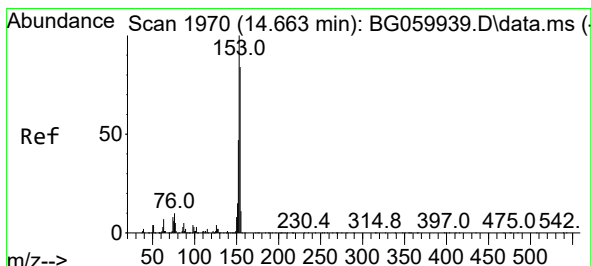
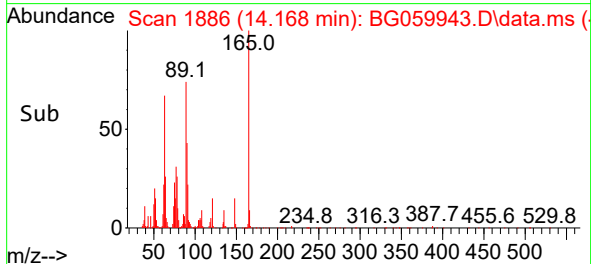
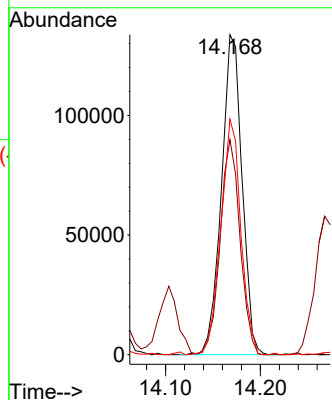
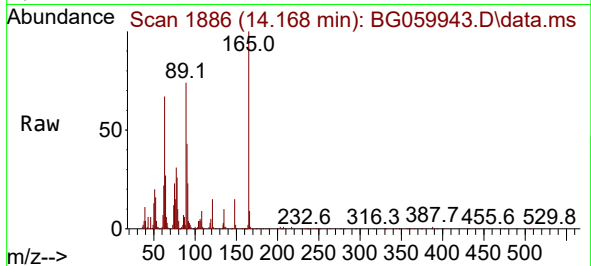




#51
2,6-Dinitrotoluene
Concen: 39.545 ng
RT: 14.168 min Scan# 1886
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

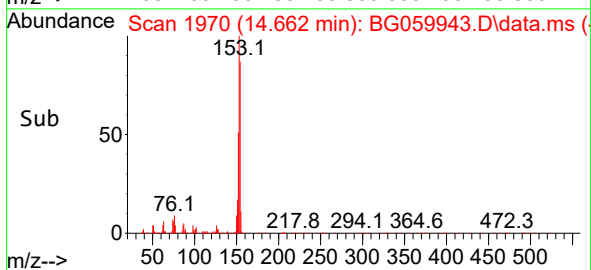
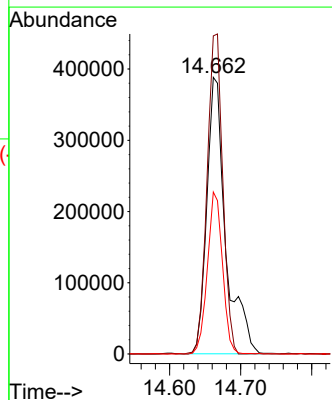
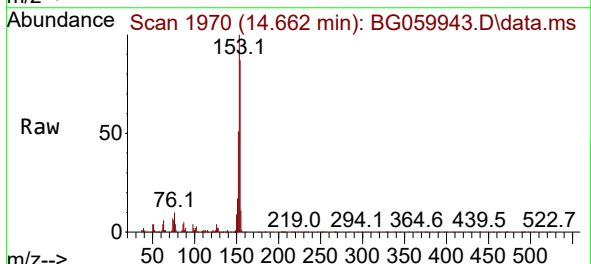
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

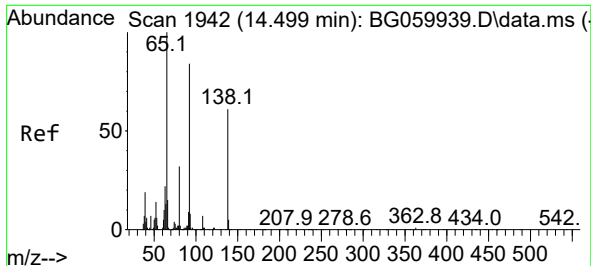
Tgt Ion:165 Resp: 201708
Ion Ratio Lower Upper
165 100
63 67.2 47.2 70.8
89 73.6 57.1 85.7



#52
Acenaphthene
Concen: 41.710 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:154 Resp: 720459
Ion Ratio Lower Upper
154 100
153 115.0 95.8 143.6
152 58.5 45.0 67.4

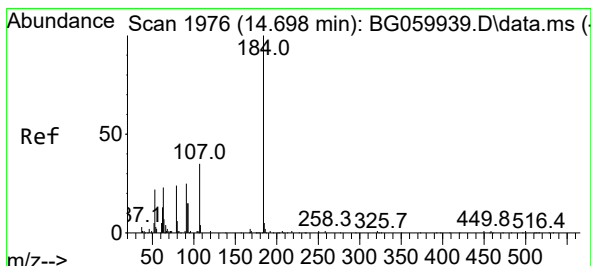
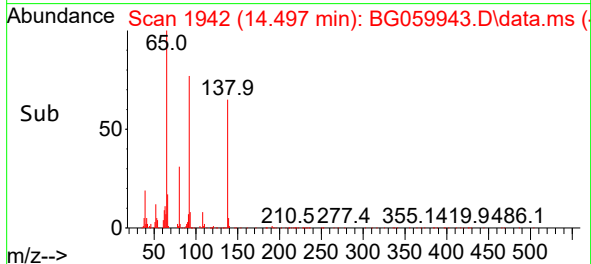
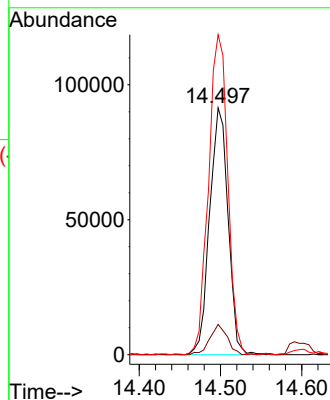
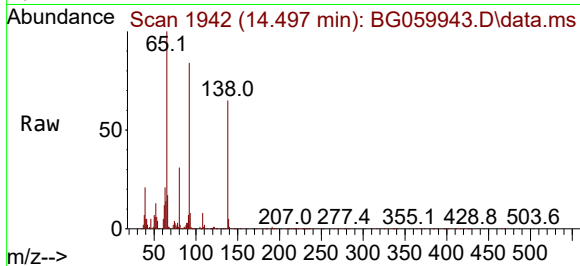




#53
3-Nitroaniline
Concen: 45.589 ng
RT: 14.497 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

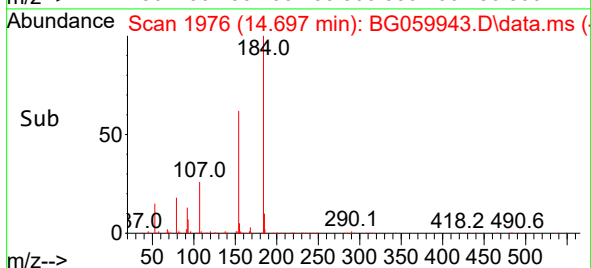
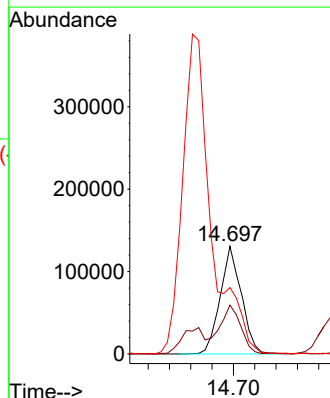
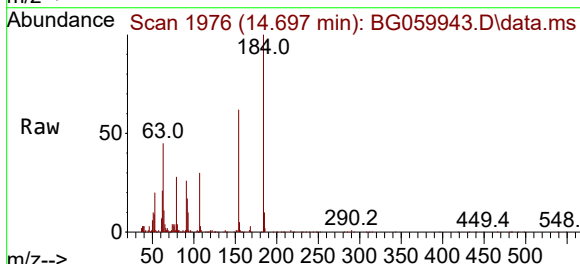
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

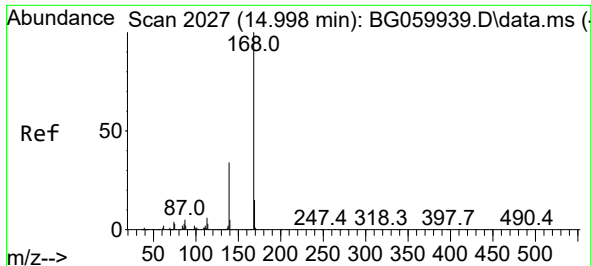
Tgt Ion:138 Resp: 144259
Ion Ratio Lower Upper
138 100
108 12.2 9.6 14.4
92 129.6 109.8 164.6



#54
2,4-Dinitrophenol
Concen: 40.596 ng
RT: 14.697 min Scan# 1976
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:184 Resp: 180609
Ion Ratio Lower Upper
184 100
63 45.2 38.2 57.4
154 61.6 52.6 78.8

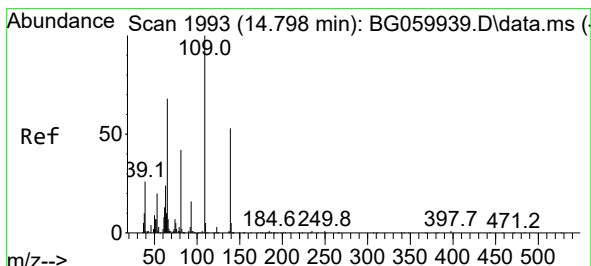
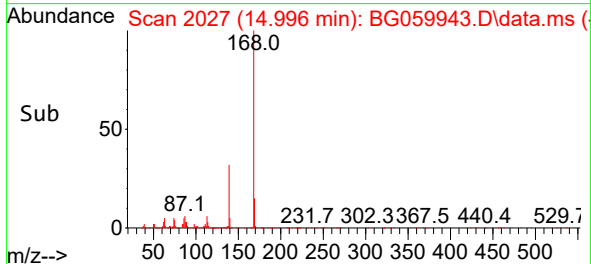
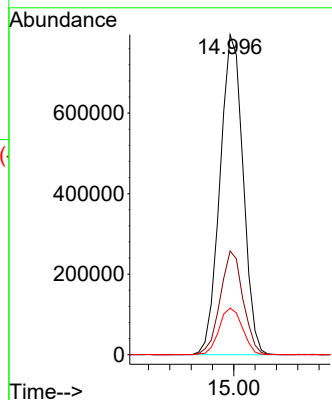
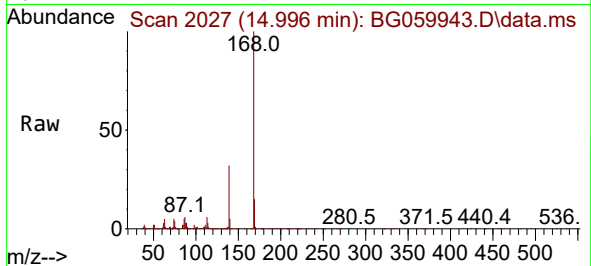




#55
Dibenzofuran
Concen: 40.971 ng
RT: 14.996 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

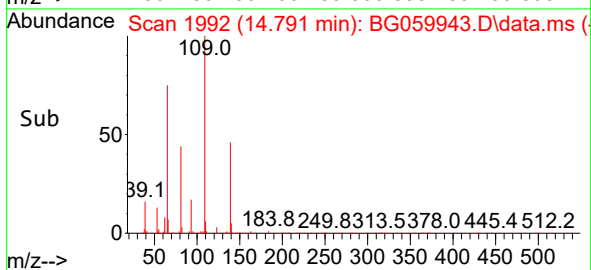
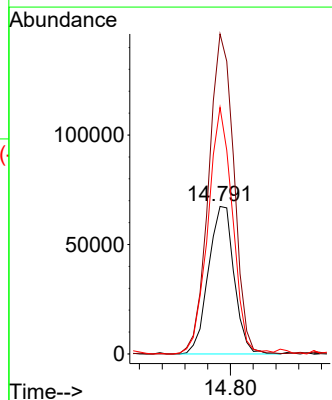
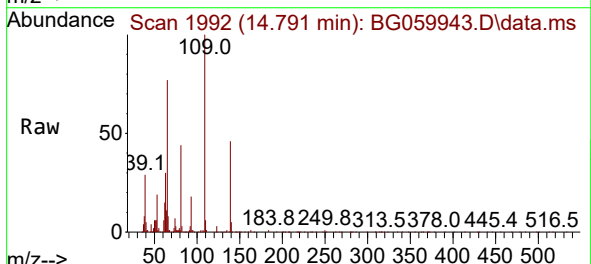
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

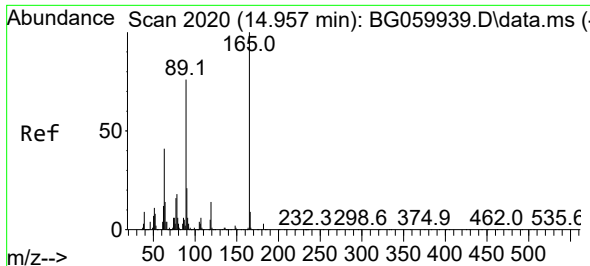
Tgt Ion:168 Resp: 1193687
Ion Ratio Lower Upper
168 100
139 32.4 27.0 40.6
169 14.6 11.6 17.4



#56
4-Nitrophenol
Concen: 38.486 ng
RT: 14.791 min Scan# 1992
Delta R.T. -0.008 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:139 Resp: 105690
Ion Ratio Lower Upper
139 100
109 216.9 167.9 207.9#
65 167.1 108.1 148.1#





#57

2,4-Dinitrotoluene

Concen: 41.819 ng

RT: 14.955 min Scan# 20

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

Tgt Ion:165 Resp: 296669

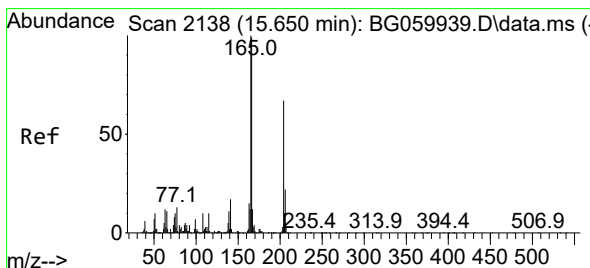
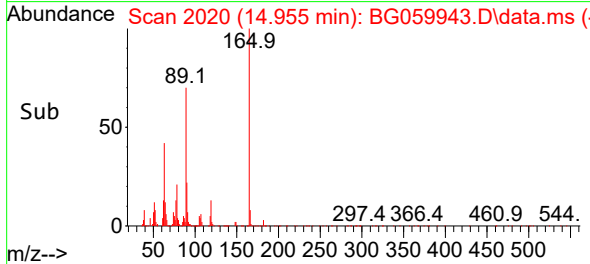
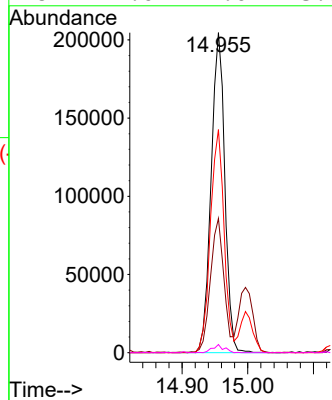
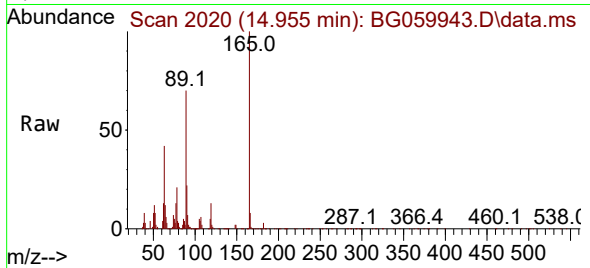
Ion Ratio Lower Upper

165 100

63 41.9 32.8 49.2

89 69.7 60.6 90.8

182 2.6 2.6 3.8#



#58

Fluorene

Concen: 40.880 ng

RT: 15.649 min Scan# 2138

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

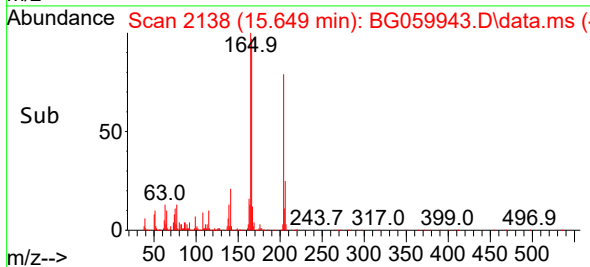
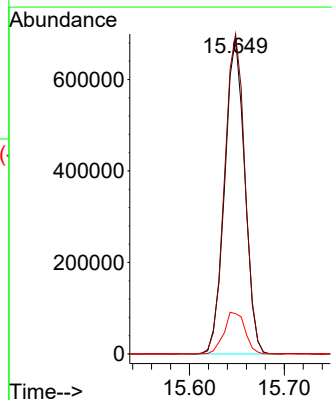
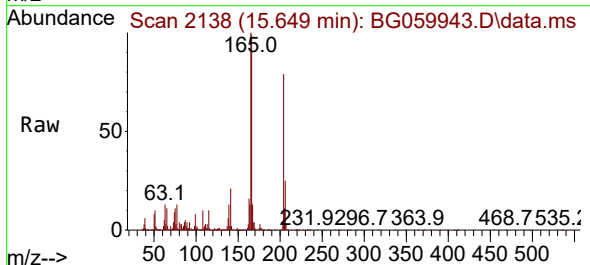
Tgt Ion:166 Resp: 1013559

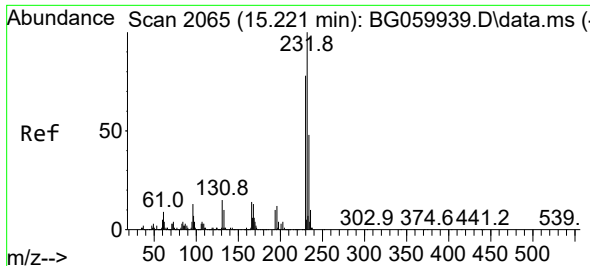
Ion Ratio Lower Upper

166 100

165 101.2 80.6 121.0

167 12.7 9.9 14.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.550 ng

RT: 15.220 min Scan# 2100

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

Tgt Ion:232 Resp: 543390

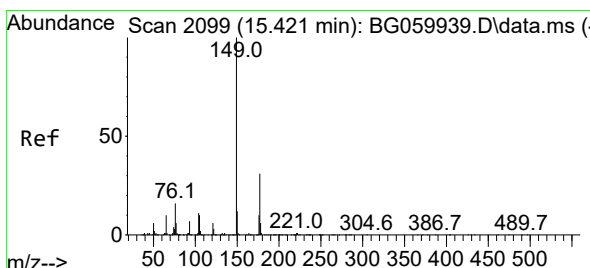
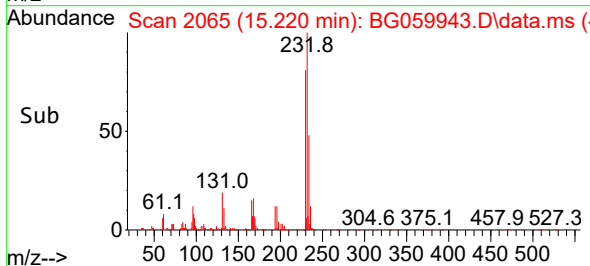
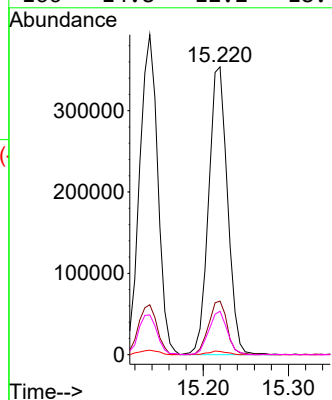
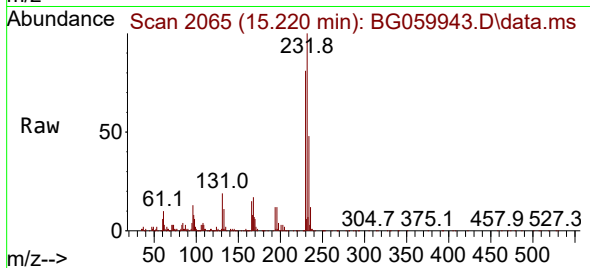
Ion Ratio Lower Upper

232 100

131 18.3 14.8 22.2

130 1.3 1.2 1.8

166 14.8 12.2 18.4



#60

Diethylphthalate

Concen: 42.332 ng

RT: 15.425 min Scan# 2100

Delta R.T. 0.004 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

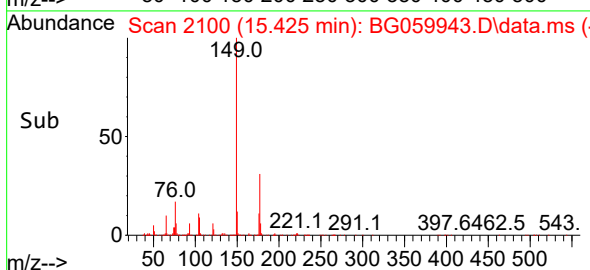
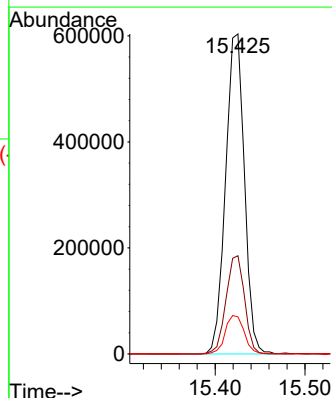
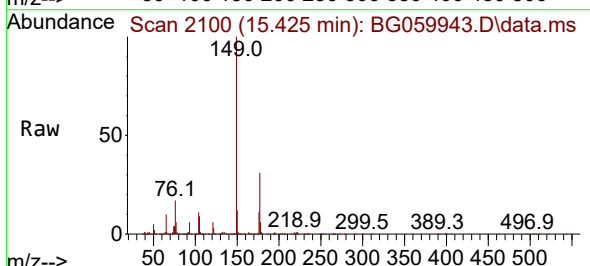
Tgt Ion:149 Resp: 877793

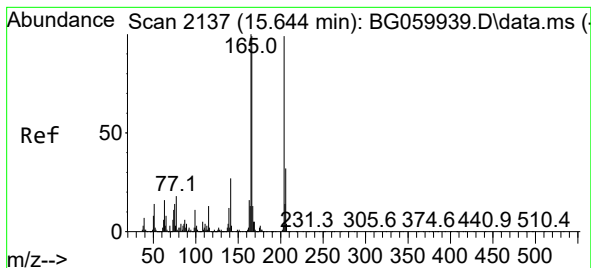
Ion Ratio Lower Upper

149 100

177 30.7 24.6 37.0

150 11.6 9.6 14.4

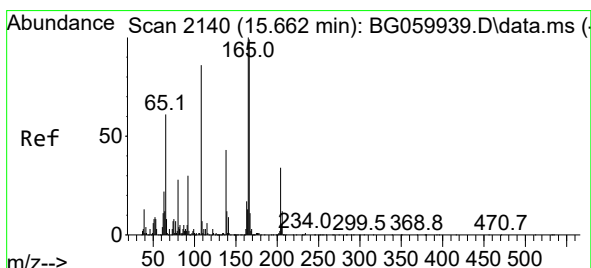
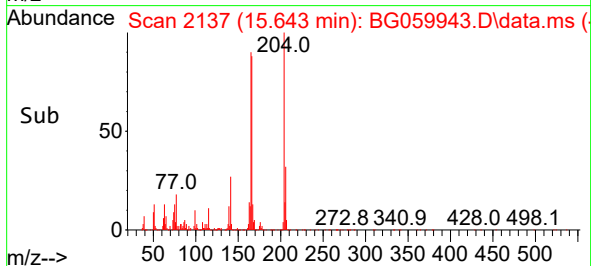
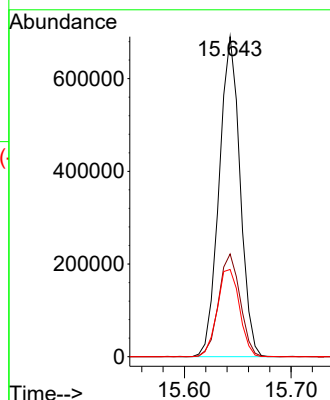
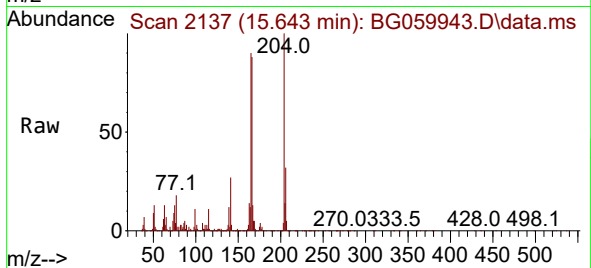




#61
4-Chlorophenyl-phenylether
Concen: 41.814 ng
RT: 15.643 min Scan# 2137
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

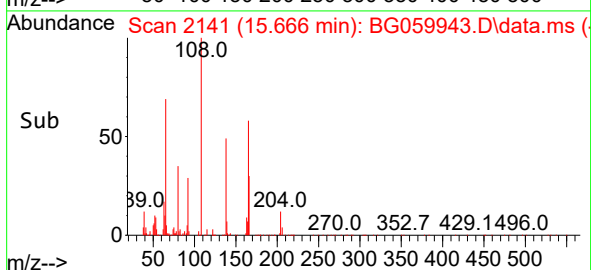
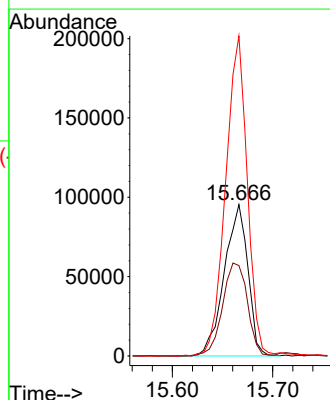
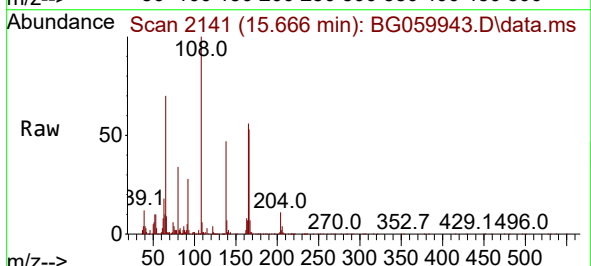
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

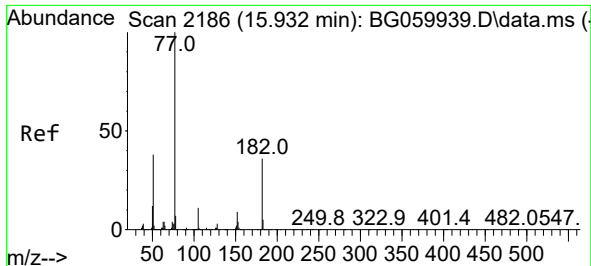
Tgt Ion:204 Resp: 940460
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 27.2 21.4 32.2



#62
4-Nitroaniline
Concen: 42.774 ng
RT: 15.666 min Scan# 2141
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:138 Resp: 155798
Ion Ratio Lower Upper
138 100
92 59.7 50.8 90.8
108 211.4 181.0 221.0

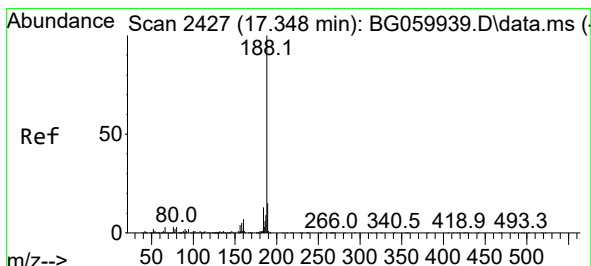
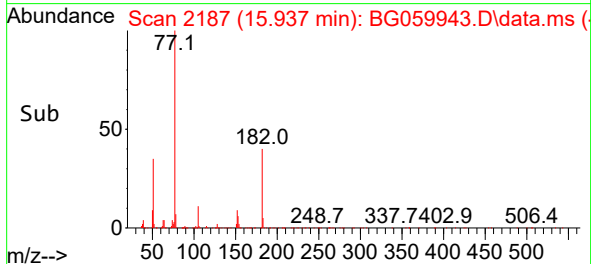
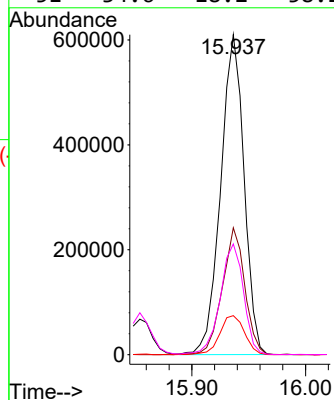
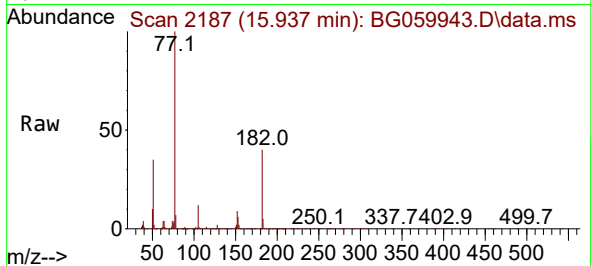




#63
Azobenzene
Concen: 40.490 ng
RT: 15.937 min Scan# 2186
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

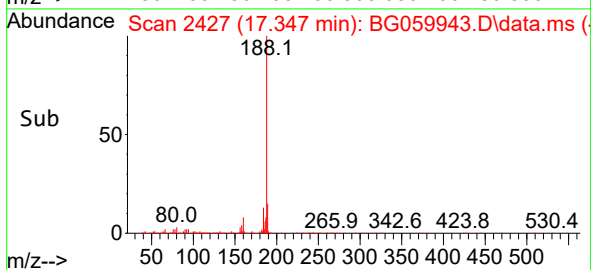
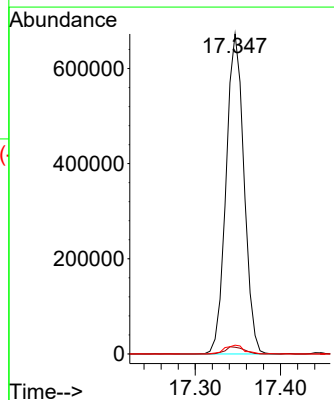
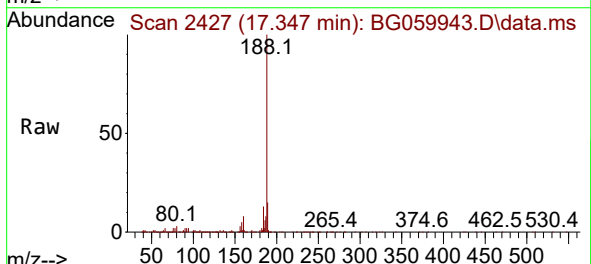
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

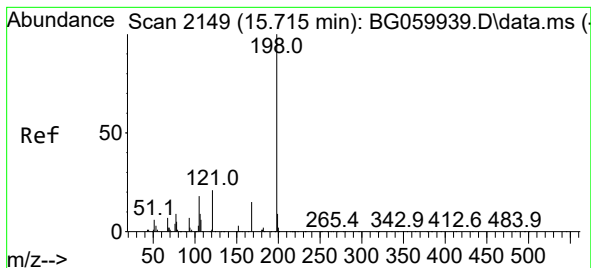
Tgt Ion: 77	Resp: 871003
Ion Ratio	Lower Upper
77 100	
182 39.7	15.7 55.7
105 12.2	0.0 31.5
51 34.6	18.2 58.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.347 min Scan# 2427
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:188	Resp: 980672
Ion Ratio	Lower Upper
188 100	
94 2.1	1.8 2.6
80 2.7	2.2 3.4

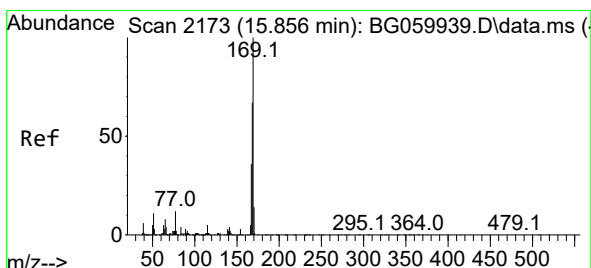
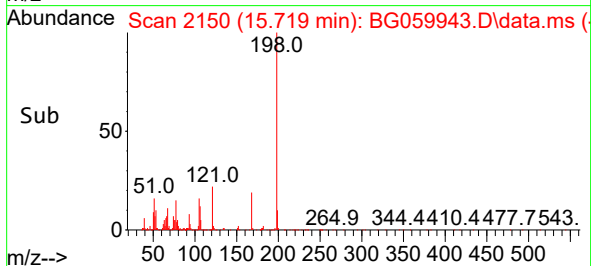
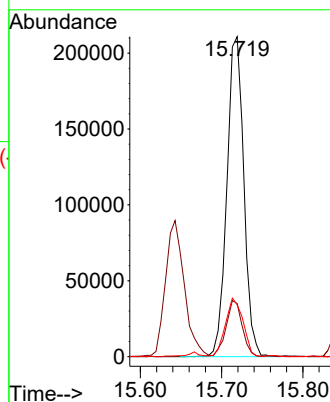
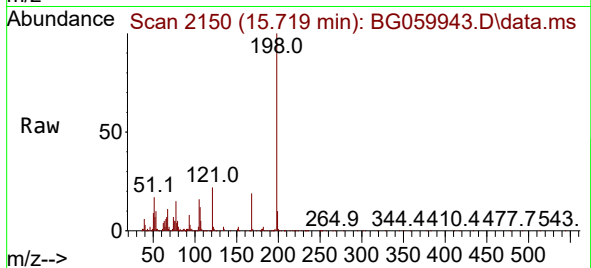




#65
4,6-Dinitro-2-methylphenol
Concen: 40.738 ng
RT: 15.719 min Scan# 2149
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

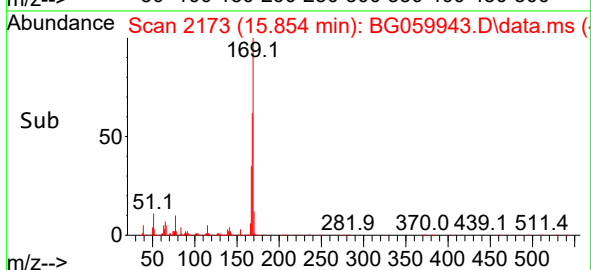
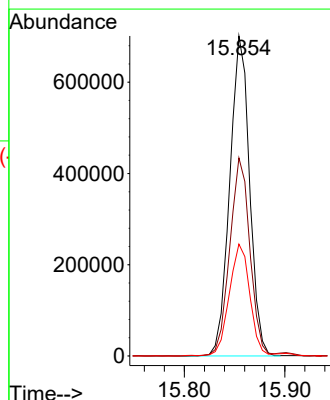
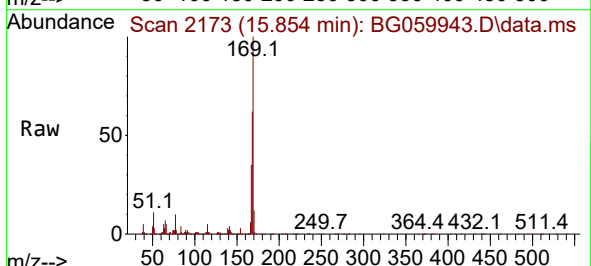
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

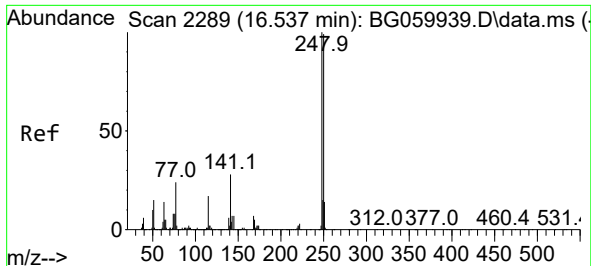
Tgt Ion:198 Resp: 305441
Ion Ratio Lower Upper
198 100
51 16.6 0.0 34.4
105 16.2 0.0 39.0



#66
n-Nitrosodiphenylamine
Concen: 42.782 ng
RT: 15.854 min Scan# 2173
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:169 Resp: 961052
Ion Ratio Lower Upper
169 100
168 61.9 53.5 80.3
167 35.0 29.2 43.8

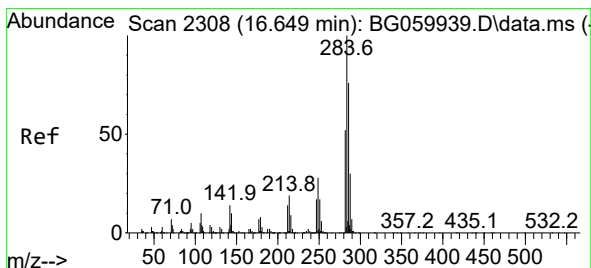
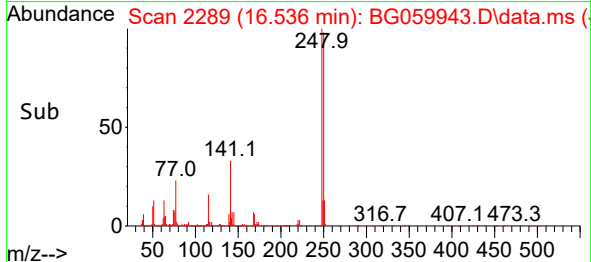
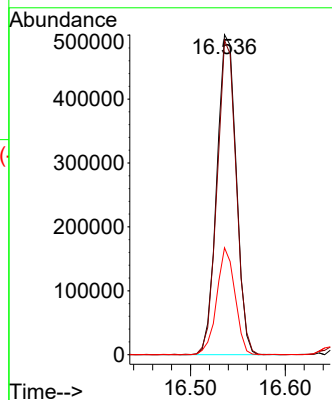
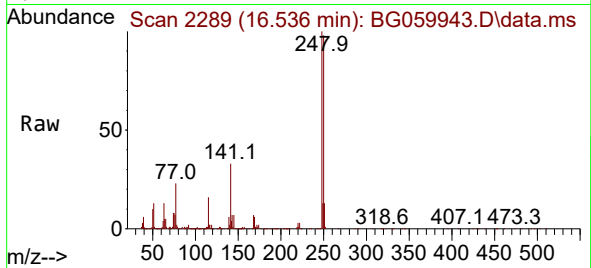




#67
4-Bromophenyl-phenylether
Concen: 42.387 ng
RT: 16.536 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

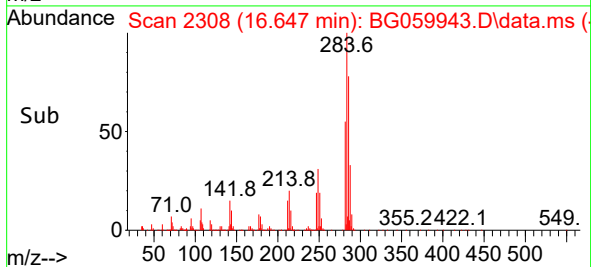
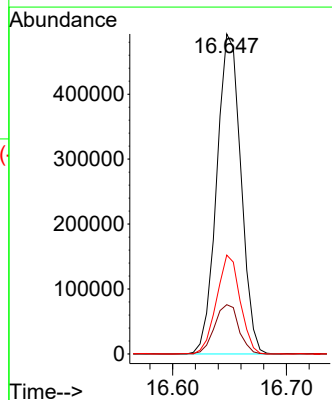
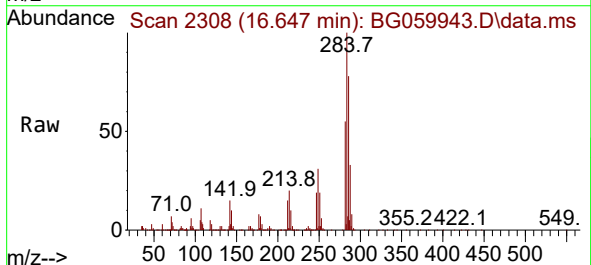
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

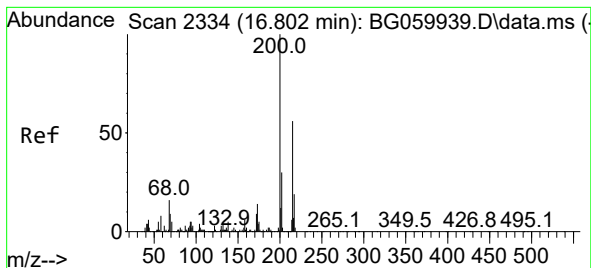
Tgt Ion:248 Resp: 712164
Ion Ratio Lower Upper
248 100
250 98.2 79.0 118.4
141 33.4 22.3 33.5



#68
Hexachlorobenzene
Concen: 39.038 ng
RT: 16.647 min Scan# 2308
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:284 Resp: 728768
Ion Ratio Lower Upper
284 100
142 15.4 11.4 17.0
249 30.9 24.2 36.2





#69

Atrazine

Concen: 33.697 ng

RT: 16.806 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

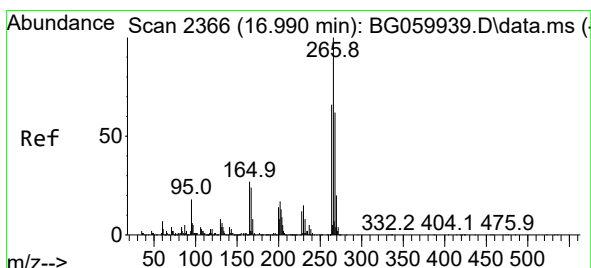
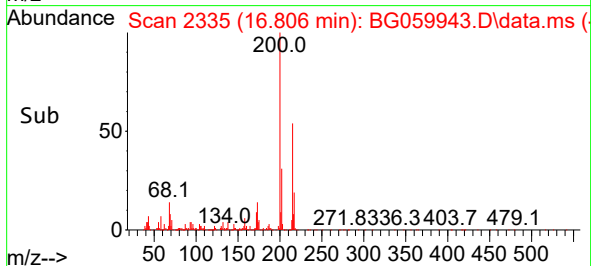
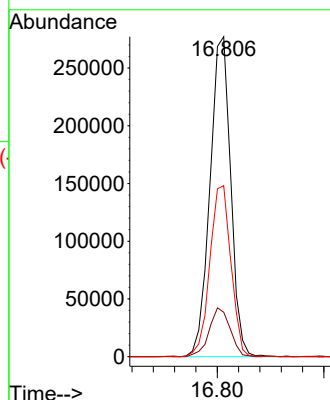
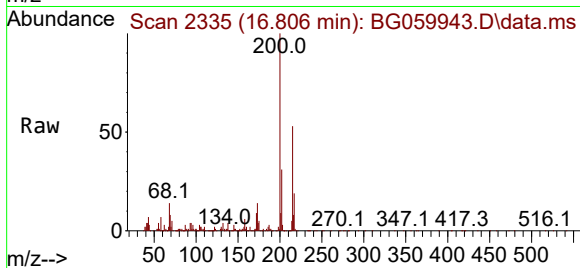
Tgt Ion:200 Resp: 373493

Ion Ratio Lower Upper

200 100

173 13.9 0.0 34.0

215 53.5 36.5 76.5



#70

Pentachlorophenol

Concen: 39.150 ng

RT: 16.988 min Scan# 2366

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

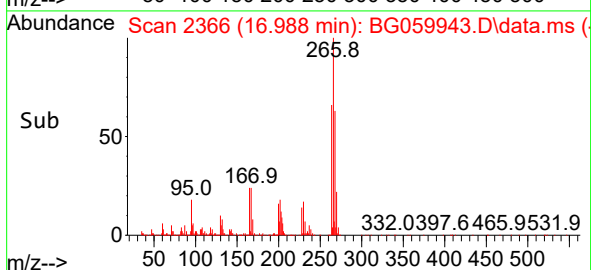
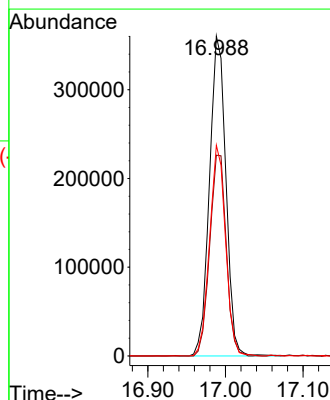
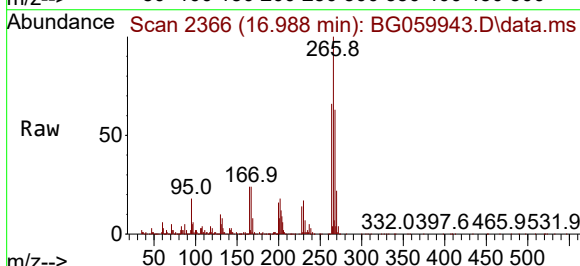
Tgt Ion:266 Resp: 529605

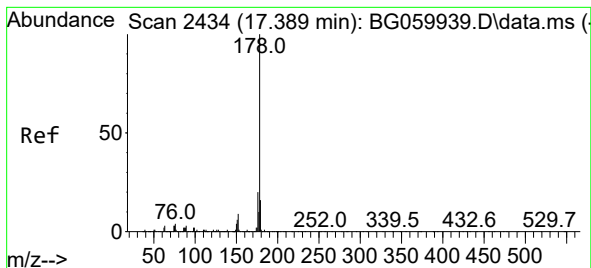
Ion Ratio Lower Upper

266 100

268 62.8 49.3 73.9

264 65.9 53.2 79.8





#71

Phenanthrene

Concen: 42.027 ng

RT: 17.388 min Scan# 2434

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

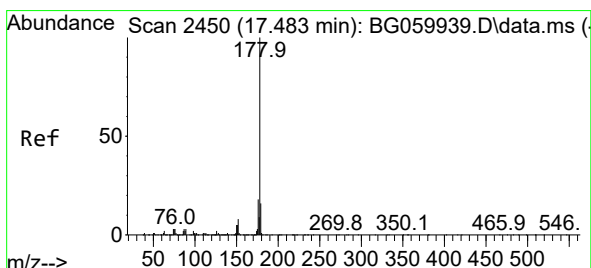
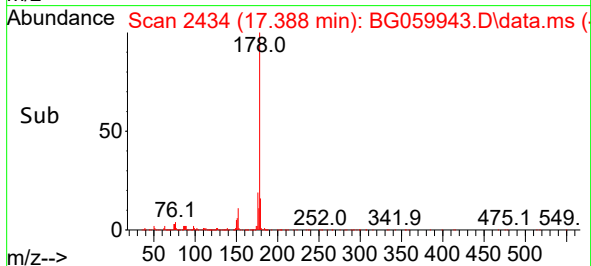
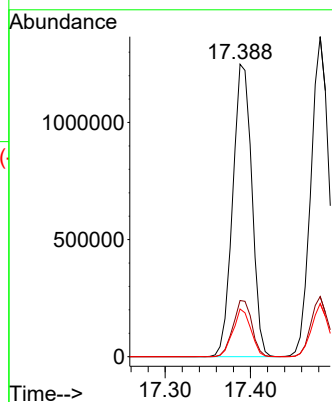
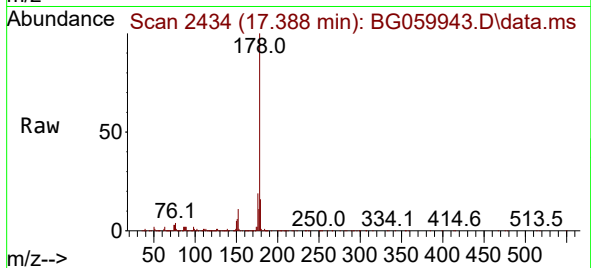
Tgt Ion:178 Resp: 1946113

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

179 16.3 12.6 19.0



#72

Anthracene

Concen: 42.504 ng

RT: 17.482 min Scan# 2450

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

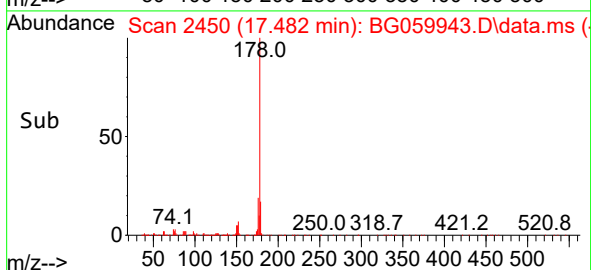
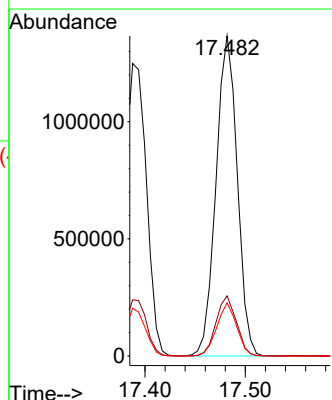
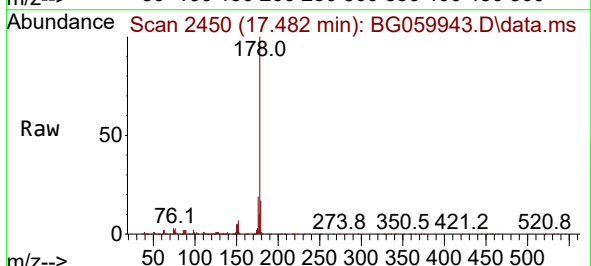
Tgt Ion:178 Resp: 2011860

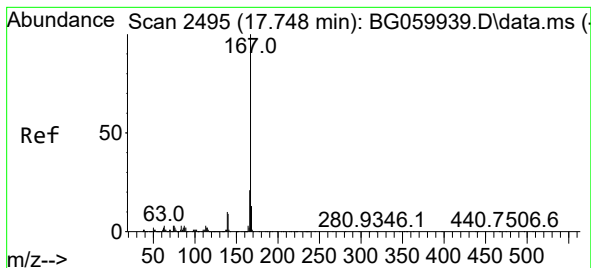
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 16.6 13.2 19.8





#73

Carbazole

Concen: 40.646 ng

RT: 17.746 min Scan# 2495

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

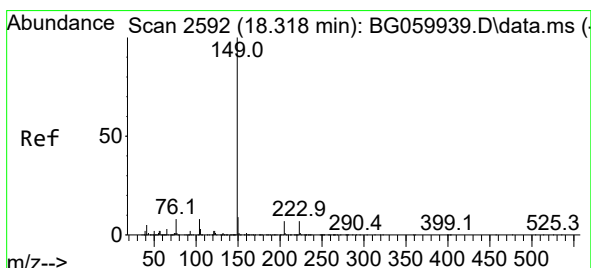
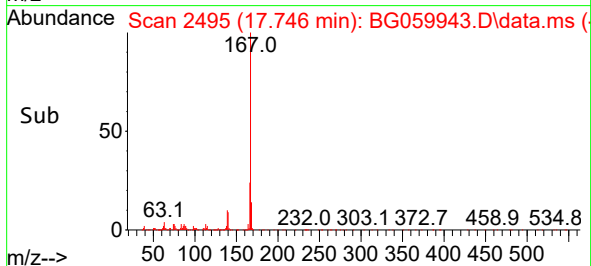
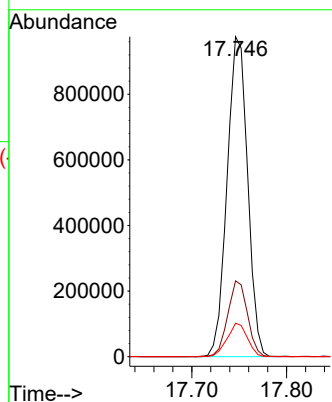
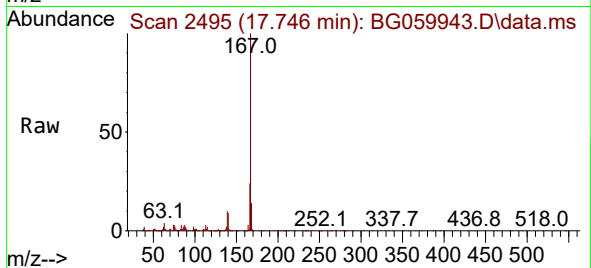
Tgt Ion:167 Resp: 1462228

Ion	Ratio	Lower	Upper
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167	100		
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166	23.7	16.7	25.1
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139	10.4	8.0	12.0
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#74

Di-n-butylphthalate

Concen: 42.793 ng

RT: 18.322 min Scan# 2593

Delta R.T. 0.004 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

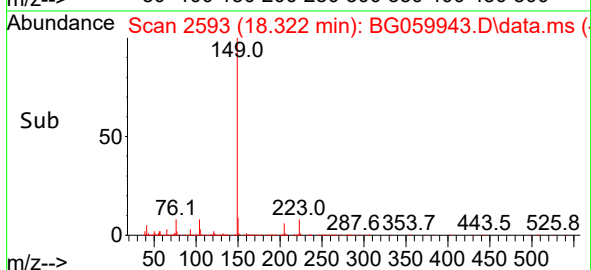
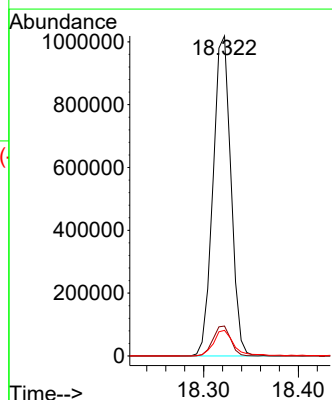
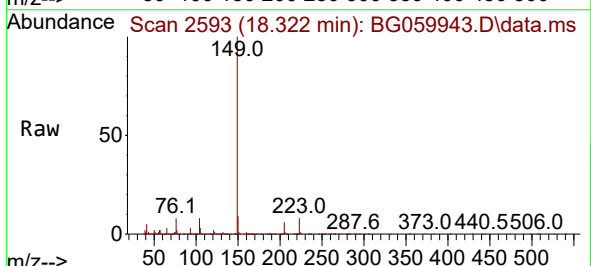
Tgt Ion:149 Resp: 1331531

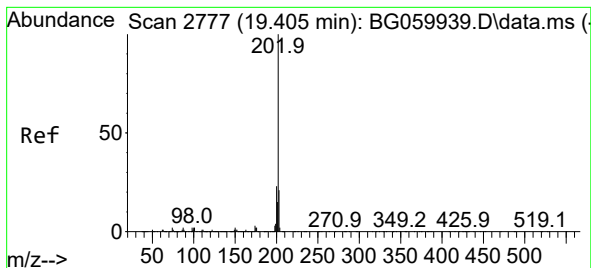
Ion	Ratio	Lower	Upper
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149	100		
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150	9.3	7.4	11.0
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104	8.0	6.2	9.2
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#75

Fluoranthene

Concen: 40.017 ng

RT: 19.403 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

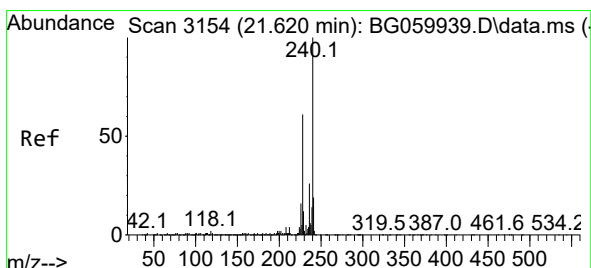
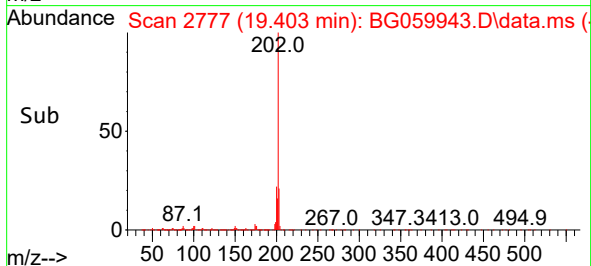
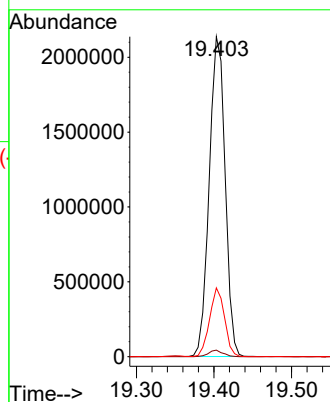
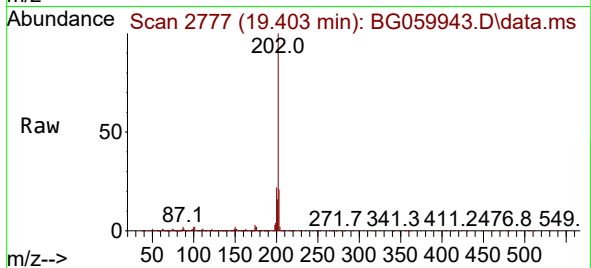
Tgt Ion:202 Resp: 3045411

Ion Ratio Lower Upper

202 100

101 2.0 0.0 21.6

203 21.5 0.9 40.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 3155

Delta R.T. 0.004 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

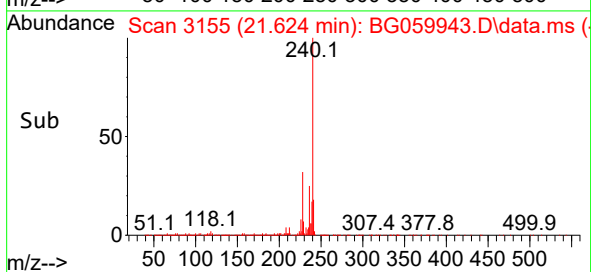
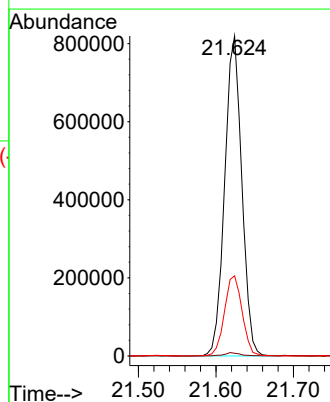
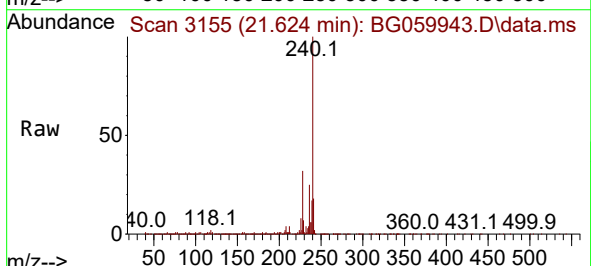
Tgt Ion:240 Resp: 1258812

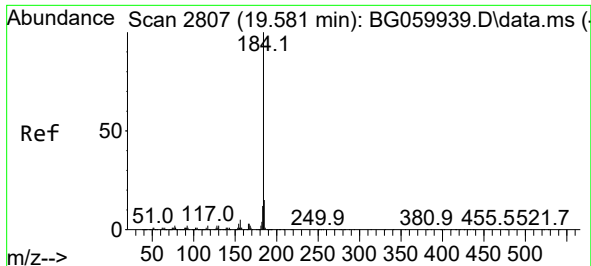
Ion Ratio Lower Upper

240 100

120 0.9 1.0 1.4#

236 25.1 20.8 31.2

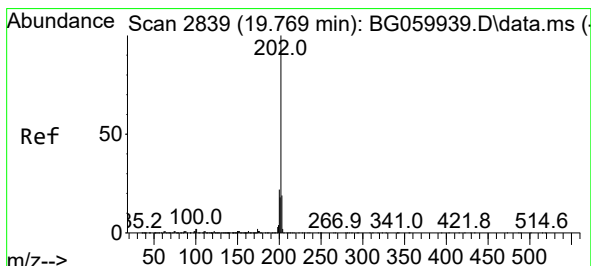
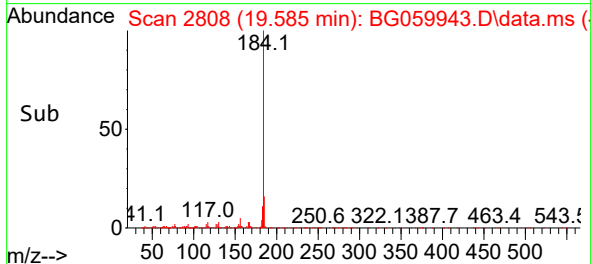
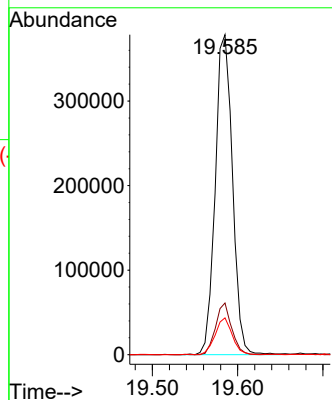
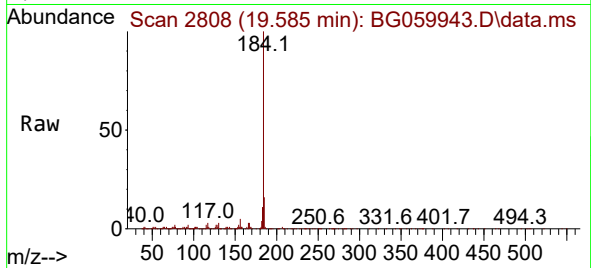




#77
Benzidine
Concen: 50.091 ng
RT: 19.585 min Scan# 2807
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

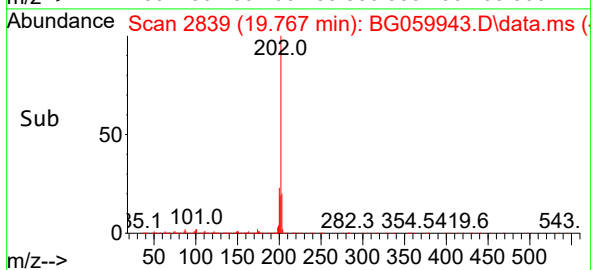
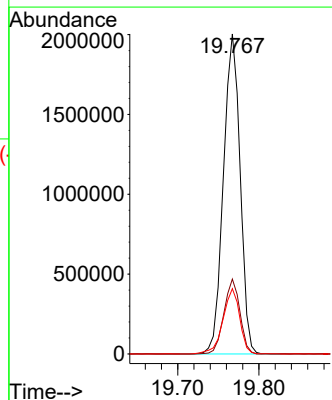
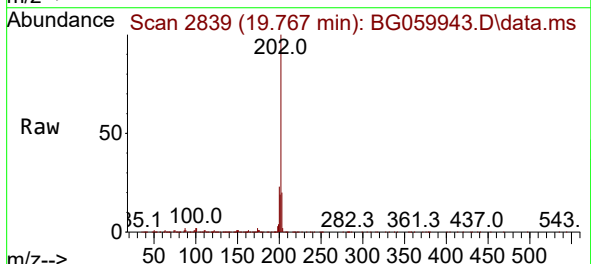
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

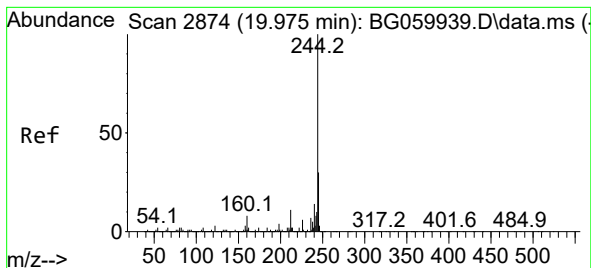
Tgt Ion:184 Resp: 531440
Ion Ratio Lower Upper
184 100
185 16.1 12.0 18.0
183 11.5 9.7 14.5



#78
Pyrene
Concen: 42.781 ng
RT: 19.767 min Scan# 2839
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:202 Resp: 2865984
Ion Ratio Lower Upper
202 100
200 23.4 17.8 26.6
203 20.4 15.4 23.0





#79

Terphenyl-d14

Concen: 70.674 ng

RT: 19.973 min Scan# 2874

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

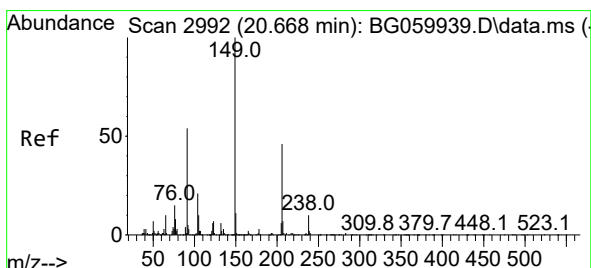
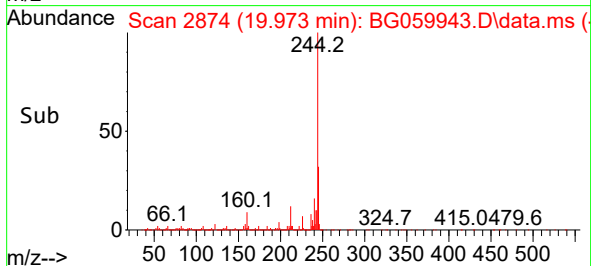
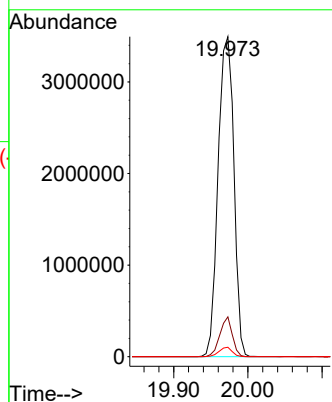
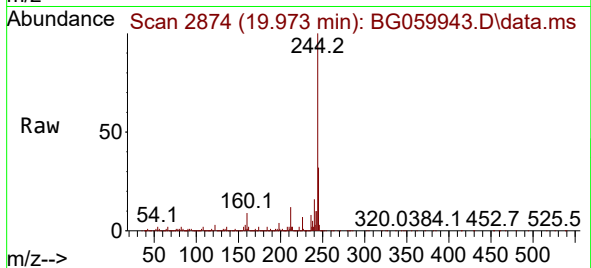
Tgt Ion:244 Resp: 5160729

Ion Ratio Lower Upper

244 100

212 12.5 8.6 13.0

122 2.9 2.1 3.1



#80

Butylbenzylphthalate

Concen: 42.174 ng

RT: 20.666 min Scan# 2992

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

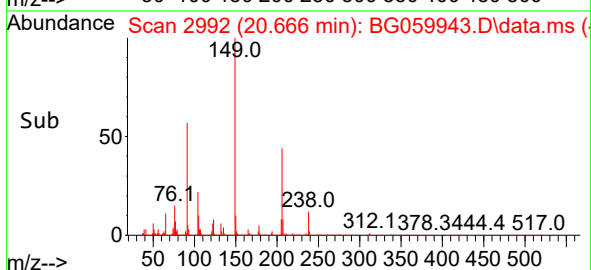
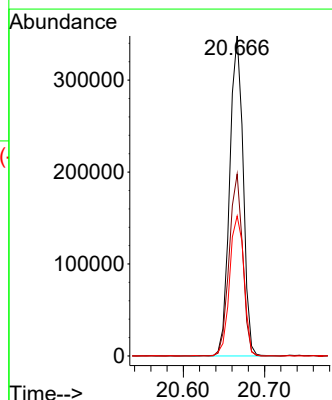
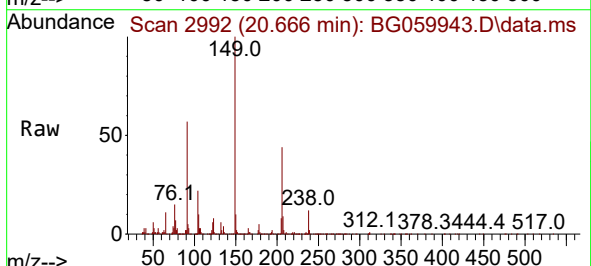
Tgt Ion:149 Resp: 400785

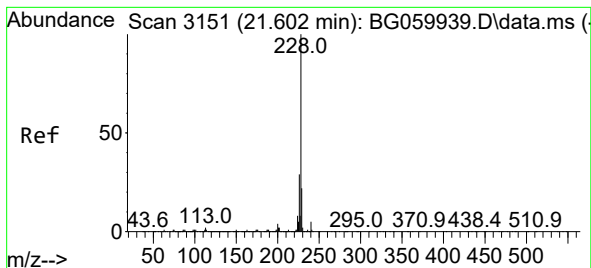
Ion Ratio Lower Upper

149 100

91 56.9 42.9 64.3

206 43.7 36.7 55.1





#81

Benzo(a)anthracene

Concen: 42.086 ng

RT: 21.600 min Scan# 3151

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

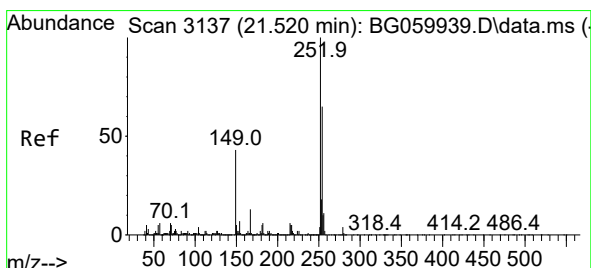
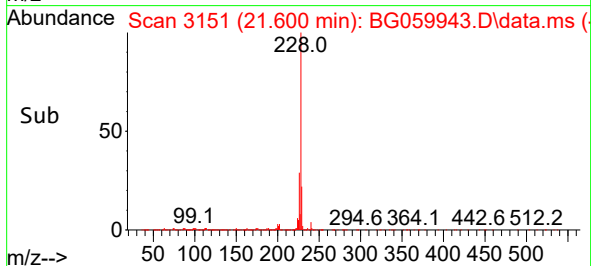
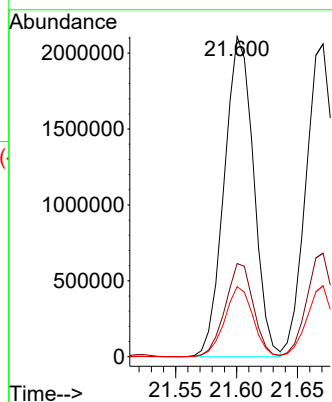
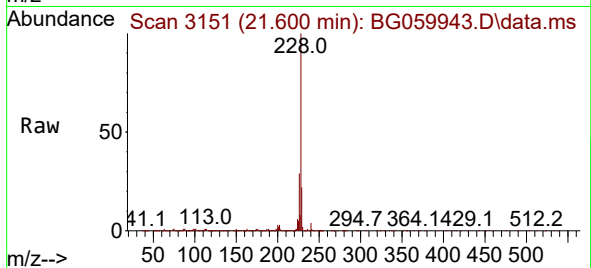
Tgt Ion:228 Resp: 3534763

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

229 21.9 17.4 26.2



#82

3,3'-Dichlorobenzidine

Concen: 45.379 ng

RT: 21.518 min Scan# 3137

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

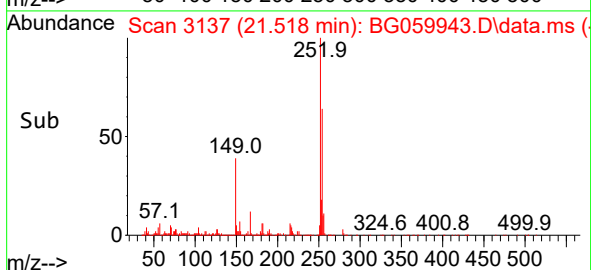
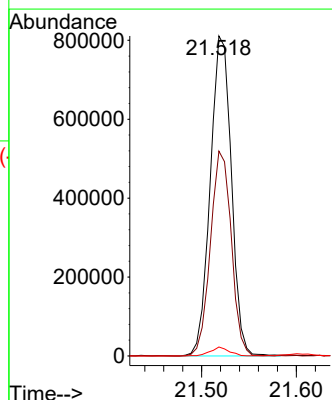
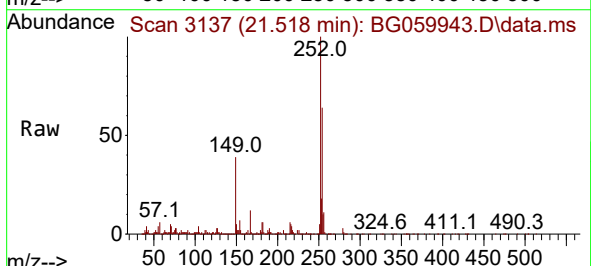
Tgt Ion:252 Resp: 1251743

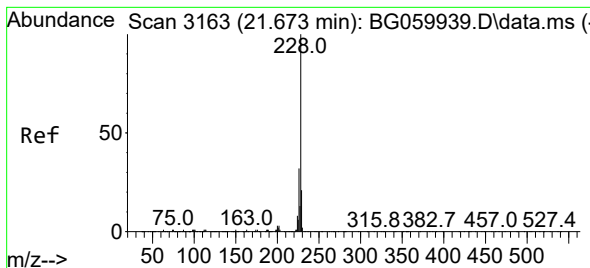
Ion Ratio Lower Upper

252 100

254 64.0 51.9 77.9

126 2.8 1.4 2.2#





#83

Chrysene

Concen: 42.333 ng

RT: 21.671 min Scan# 3163

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

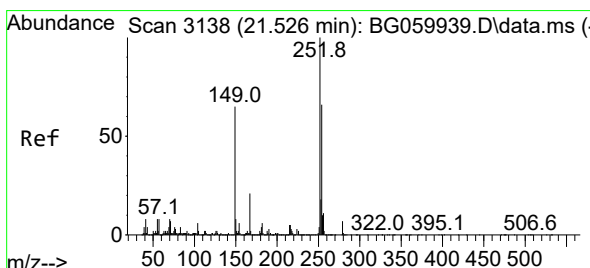
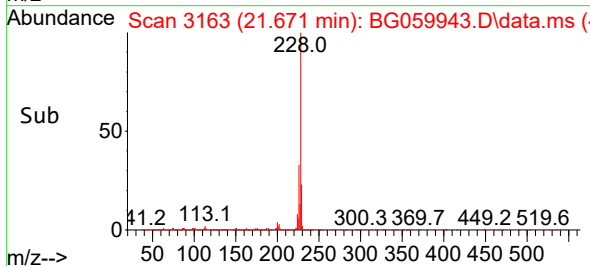
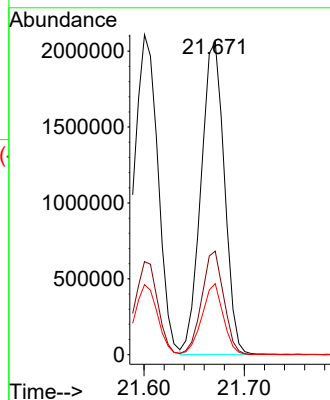
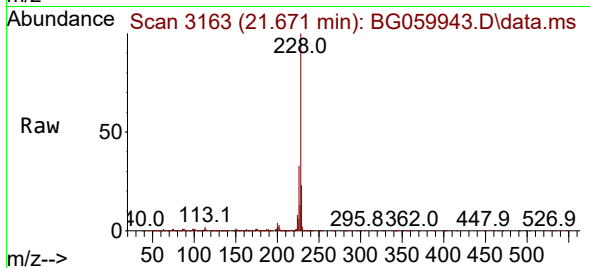
Tgt Ion:228 Resp: 3333445

Ion Ratio Lower Upper

228 100

226 33.1 25.4 38.2

229 22.7 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.401 ng

RT: 21.524 min Scan# 3138

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

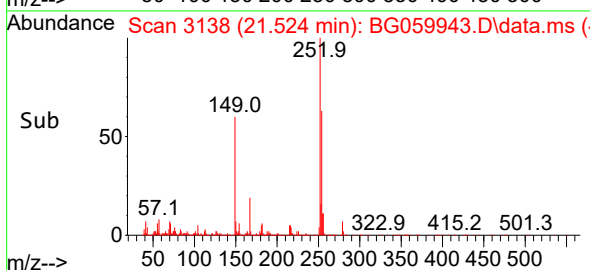
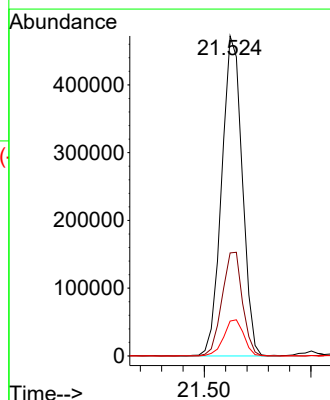
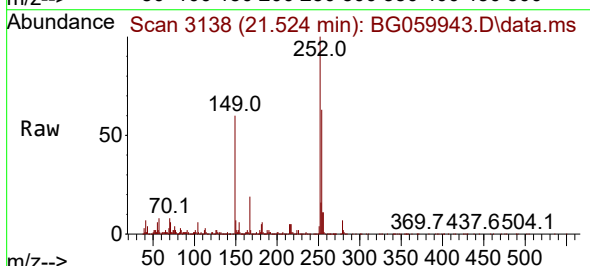
Tgt Ion:149 Resp: 631116

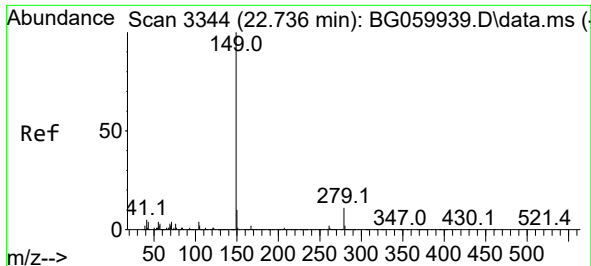
Ion Ratio Lower Upper

149 100

167 32.2 26.1 39.1

279 10.9 8.6 12.8

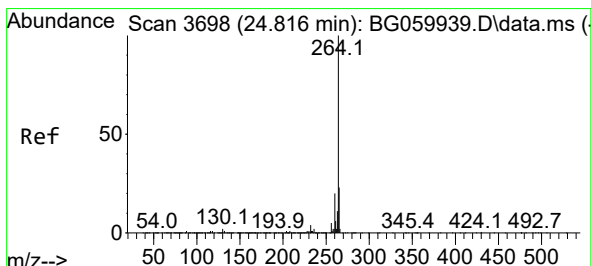
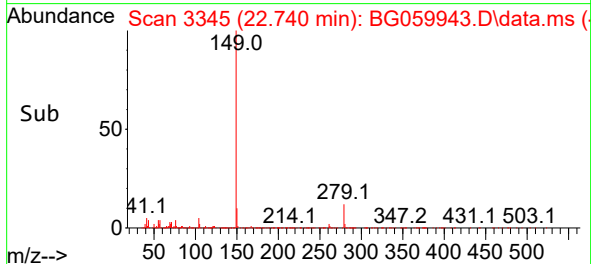
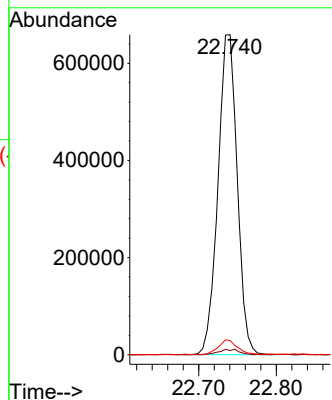
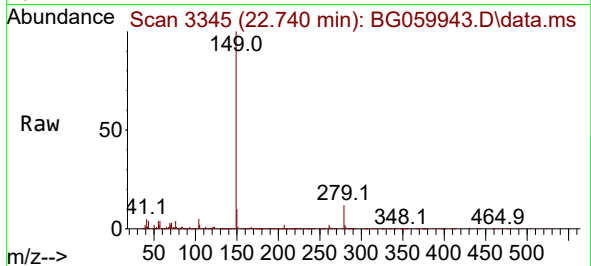




#85
Di-n-octyl phthalate
Concen: 45.225 ng
RT: 22.740 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

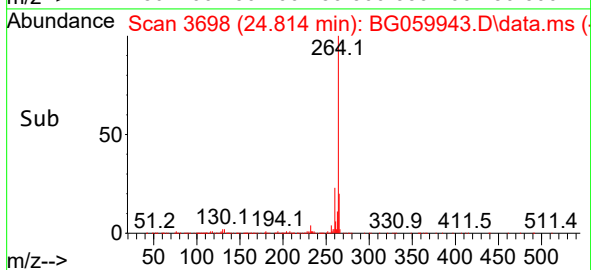
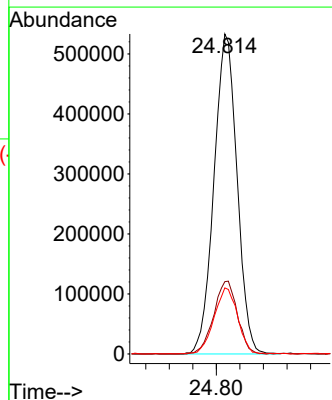
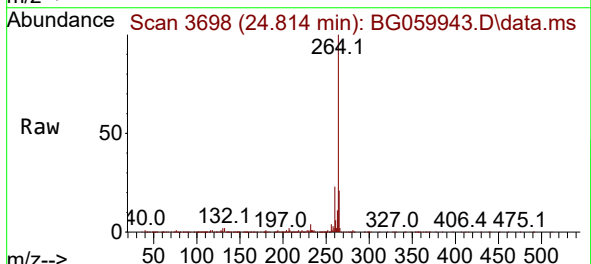
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

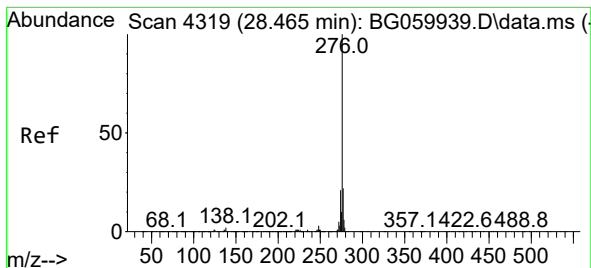
Tgt Ion:149 Resp: 1136512
Ion Ratio Lower Upper
149 100
167 1.8 1.7 2.5
43 4.7 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.814 min Scan# 3698
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:264 Resp: 1450412
Ion Ratio Lower Upper
264 100
260 22.6 15.8 23.6
265 20.7 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.982 ng

RT: 28.463 min Scan# 4319

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

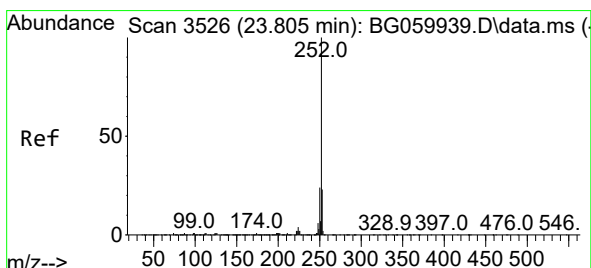
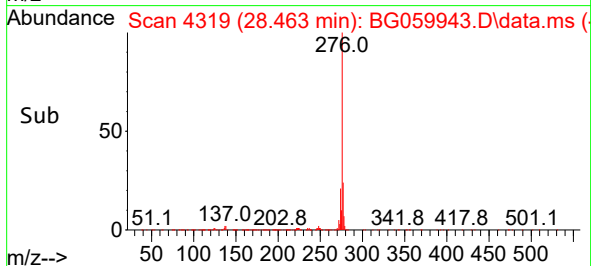
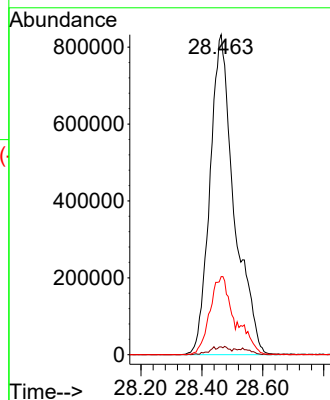
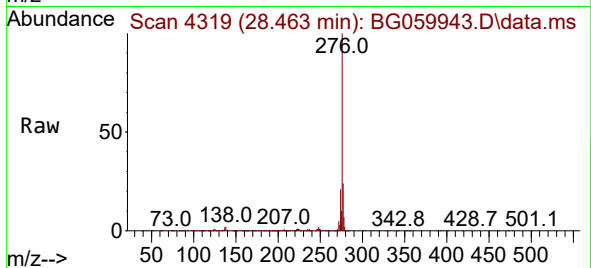
Tgt Ion:276 Resp: 4603484

Ion Ratio Lower Upper

276 100

138 0.1 0.0 0.0#

277 25.4 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 41.321 ng

RT: 23.804 min Scan# 3526

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

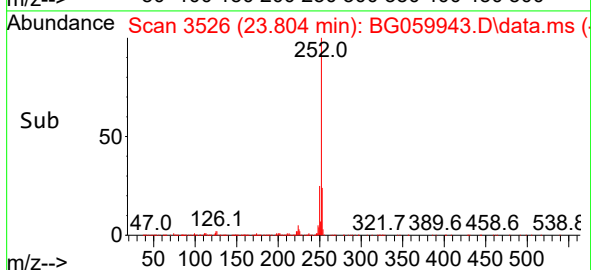
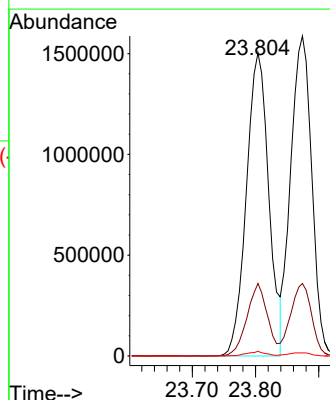
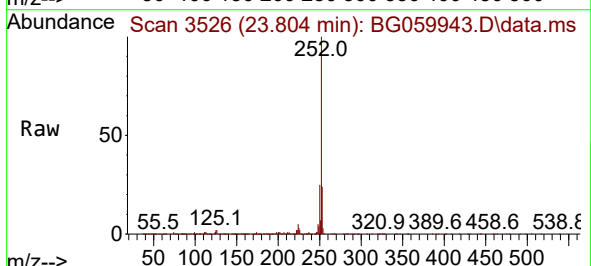
Tgt Ion:252 Resp: 3704433

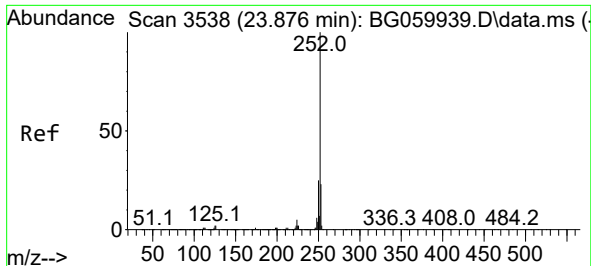
Ion Ratio Lower Upper

252 100

253 23.9 18.5 27.7

125 1.5 1.2 1.8

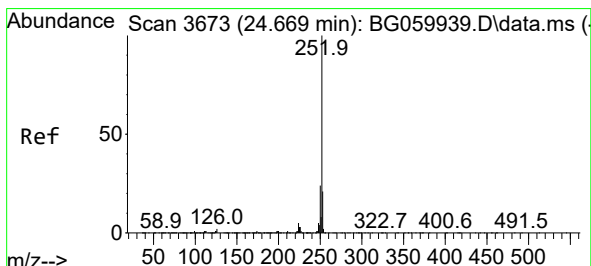
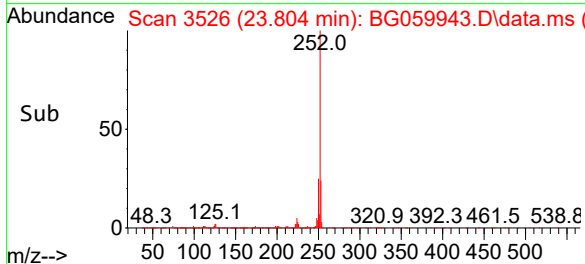
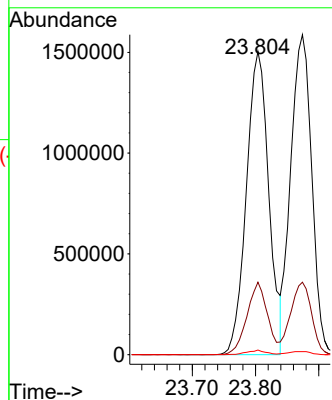
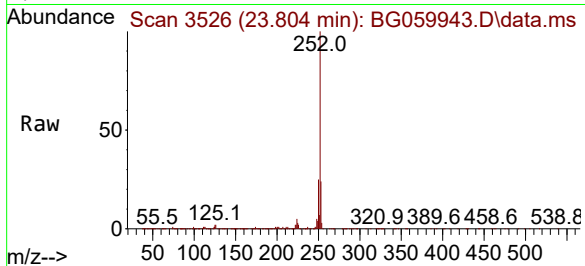




#89
Benzo(k)fluoranthene
Concen: 42.406 ng
RT: 23.804 min Scan# 3526
Delta R.T. -0.072 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

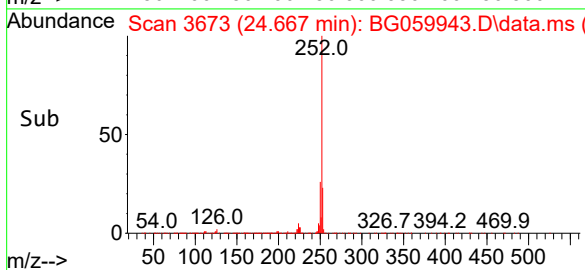
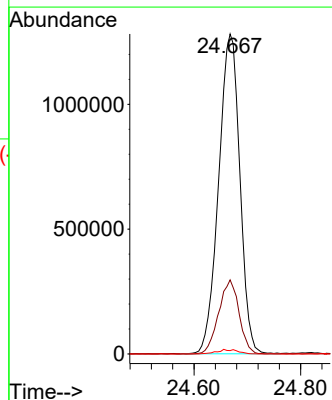
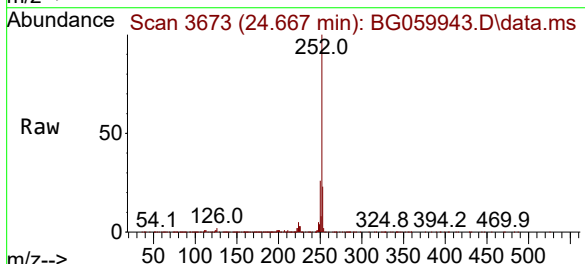
Instrument :
BNA_G
ClientSampleId :
ICVBG120423

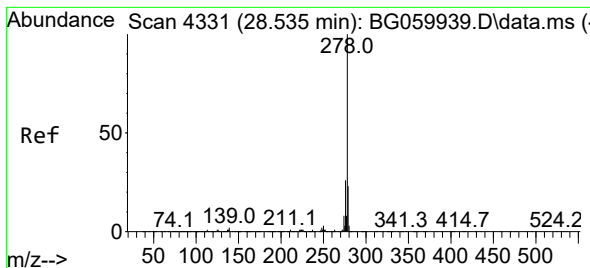
Tgt Ion:252 Resp: 3704433
Ion Ratio Lower Upper
252 100
253 23.9 18.3 27.5
125 1.5 1.3 1.9



#90
Benzo(a)pyrene
Concen: 44.134 ng
RT: 24.667 min Scan# 3673
Delta R.T. -0.002 min
Lab File: BG059943.D
Acq: 4 Dec 2023 22:47

Tgt Ion:252 Resp: 3533601
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 1.0 0.9 1.3





#91

Dibenzo(a,h)anthracene

Concen: 43.041 ng

RT: 28.539 min Scan# 4331

Delta R.T. 0.004 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

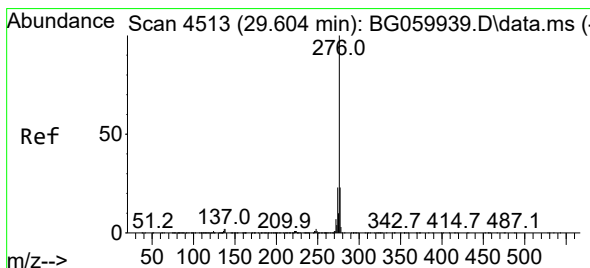
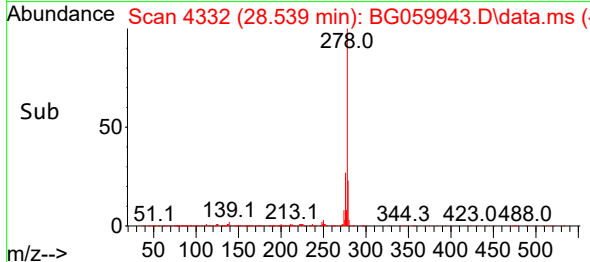
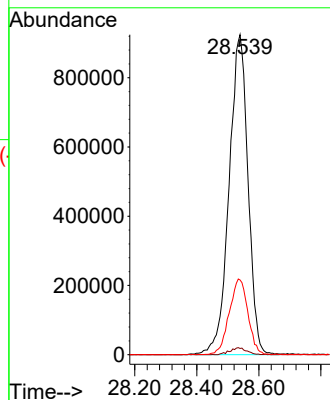
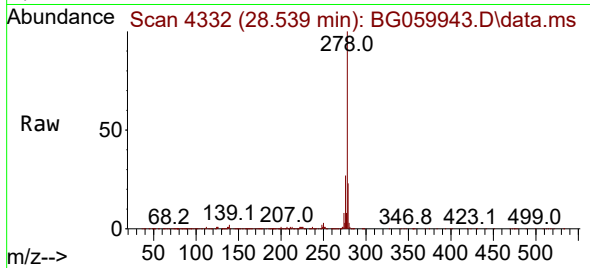
Tgt Ion:278 Resp: 3913930

Ion Ratio Lower Upper

278 100

139 2.0 1.7 2.5

279 23.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 42.102 ng

RT: 29.603 min Scan# 4513

Delta R.T. -0.002 min

Lab File: BG059943.D

Acq: 4 Dec 2023 22:47

Tgt Ion:276 Resp: 3702757

Ion Ratio Lower Upper

276 100

277 26.3 18.1 27.1

138 2.1 1.6 2.4

