

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122123\
 Data File : BG060128.D
 Acq On : 21 Dec 2023 18:49
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG122123

Quant Time: Dec 22 03:43:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	82330	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	447127	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	435931	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	1351519	20.000	ng	0.00
76) Chrysene-d12	21.601	240	1321097	20.000	ng	0.00
86) Perylene-d12	24.768	264	1175667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	420632	80.505	ng	0.00
7) Phenol-d6	7.106	99	756236	86.001	ng	0.00
23) Nitrobenzene-d5	9.104	82	773926	84.792	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	542927	92.500	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	2308519	79.516	ng	0.00
79) Terphenyl-d14	19.950	244	5077800	69.552	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.416	88	84794	38.839	ng	93
3) Pyridine	3.810	79	304829	43.200	ng	99
4) n-Nitrosodimethylamine	3.728	42	133930	41.781	ng	97
6) Aniline	7.271	93	409894	44.640	ng	97
8) 2-Chlorophenol	7.506	128	250248	43.225	ng	99
9) Benzaldehyde	7.082	77	204702	41.964	ng	91
10) Phenol	7.129	94	375766	42.767	ng	99
11) bis(2-Chloroethyl)ether	7.364	93	286375	41.517	ng	97
12) 1,3-Dichlorobenzene	7.835	146	257088	39.732	ng	96
13) 1,4-Dichlorobenzene	7.981	146	260167	38.872	ng	98
14) 1,2-Dichlorobenzene	8.293	146	274117	40.672	ng	99
15) Benzyl Alcohol	8.175	79	296722	45.967	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	492055	38.349	ng	98
17) 2-Methylphenol	8.381	107	266040	43.639	ng	98
18) Hexachloroethane	9.027	117	87617	39.446	ng	90
19) n-Nitroso-di-n-propyla...	8.745	70	310423	45.400	ng	98
20) 3+4-Methylphenols	8.710	107	398255	45.504	ng	98
22) Acetophenone	8.763	105	538871	42.255	ng	98
24) Nitrobenzene	9.145	77	400467	42.459	ng	95
25) Isophorone	9.668	82	959119	43.117	ng	96
26) 2-Nitrophenol	9.856	139	158782	42.500	ng	# 95
27) 2,4-Dimethylphenol	9.914	122	218396	42.468	ng	96
28) bis(2-Chloroethoxy)met...	10.149	93	477279	40.862	ng	96
29) 2,4-Dichlorophenol	10.390	162	338077	44.068	ng	91
30) 1,2,4-Trichlorobenzene	10.608	180	337015	40.922	ng	96
31) Naphthalene	10.796	128	968460	40.687	ng	98
32) Benzoic acid	10.044	122	255137	44.377	ng	# 89
33) 4-Chloroaniline	10.907	127	482165	46.870	ng	95
34) Hexachlorobutadiene	11.078	225	186697	40.604	ng	92
35) Caprolactam	11.677	113	215722	53.828	ng	95
36) 4-Chloro-3-methylphenol	12.030	107	441330	48.156	ng	99
37) 2-Methylnaphthalene	12.406	142	803647	43.504	ng	97
38) 1-Methylnaphthalene	12.623	142	828574	44.682	ng	98
40) 1,2,4,5-Tetrachloroben...	12.770	216	441023	38.633	ng	100
41) Hexachlorocyclopentadiene	12.752	237	142984	37.025	ng	96
43) 2,4,6-Trichlorophenol	13.011	196	345367	40.556	ng	96

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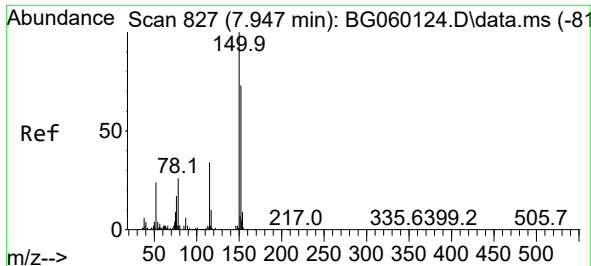
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	403336	41.762	ng	96
46) 1,1'-Biphenyl	13.410	154	1226435	38.719	ng	100
47) 2-Chloronaphthalene	13.457	162	1014810	39.072	ng	97
48) 2-Nitroaniline	13.657	65	380884	44.948	ng	96
49) Acenaphthylene	14.303	152	1685446	41.516	ng	100
50) Dimethylphthalate	14.033	163	1642584	42.840	ng	98
51) 2,6-Dinitrotoluene	14.151	165	348570	45.447	ng	98
52) Acenaphthene	14.644	154	1036354	41.509	ng	99
53) 3-Nitroaniline	14.486	138	387446	47.549	ng	98
54) 2,4-Dinitrophenol	14.691	184	203014	43.423	ng	97
55) Dibenzofuran	14.979	168	1767889	42.043	ng	99
56) 4-Nitrophenol	14.791	139	335514	49.596	ng	97
57) 2,4-Dinitrotoluene	14.944	165	542155	48.155	ng	92
58) Fluorene	15.631	166	1549738	43.560	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.202	232	391677	45.160	ng	96
60) Diethylphthalate	15.396	149	1861010	44.934	ng	99
61) 4-Chlorophenyl-phenyle...	15.620	204	731161	43.108	ng	99
62) 4-Nitroaniline	15.655	138	456442	47.718	ng	95
63) Azobenzene	15.913	77	1584942	42.871	ng	99
65) 4,6-Dinitro-2-methylph...	15.708	198	320975	43.885	ng	97
66) n-Nitrosodiphenylamine	15.837	169	1430388	40.125	ng	99
67) 4-Bromophenyl-phenylether	16.518	248	504484	39.622	ng	95
68) Hexachlorobenzene	16.630	284	579371	39.739	ng	98
69) Atrazine	16.783	200	476078	35.888	ng	98
70) Pentachlorophenol	16.977	266	401223	44.451	ng	97
71) Phenanthrene	17.370	178	2829014	41.543	ng	98
72) Anthracene	17.464	178	2863772	41.775	ng	99
73) Carbazole	17.735	167	3039767	41.767	ng	99
74) Di-n-butylphthalate	18.293	149	3568277	41.350	ng	98
75) Fluoranthene	19.386	202	3732309	41.750	ng	98
77) Benzidine	19.568	184	1257503	35.205	ng	98
78) Pyrene	19.750	202	3954371	39.211	ng	98
80) Butylbenzylphthalate	20.637	149	1504710	44.517	ng	98
81) Benzo(a)anthracene	21.577	228	3598851	41.000	ng	99
82) 3,3'-Dichlorobenzidine	21.495	252	1057082	40.621	ng	99
83) Chrysene	21.642	228	3398751	41.240	ng	98
84) Bis(2-ethylhexyl)phtha...	21.483	149	1875214	41.626	ng	99
85) Di-n-octyl phthalate	22.682	149	3089352	41.155	ng	99
87) Indeno(1,2,3-cd)pyrene	28.399	276	3402943	41.470	ng	# 93
88) Benzo(b)fluoranthene	23.763	252	3042873	40.930	ng	99
89) Benzo(k)fluoranthene	23.833	252	2946534	40.442	ng	100
90) Benzo(a)pyrene	24.627	252	2659034	40.596	ng	100
91) Dibenzo(a,h)anthracene	28.463	278	2811269	41.487	ng	99
92) Benzo(g,h,i)perylene	29.533	276	2818531	41.174	ng	98

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

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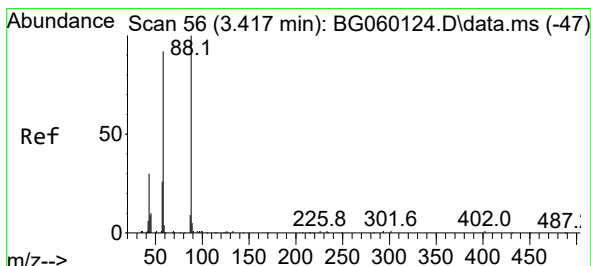
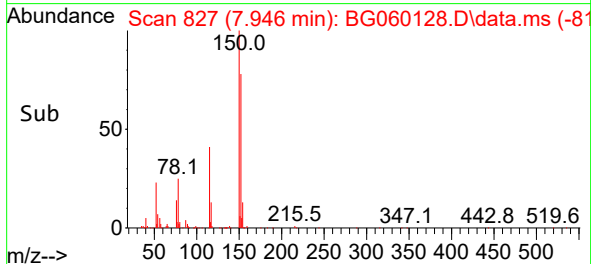
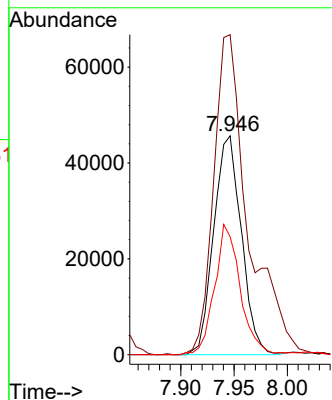
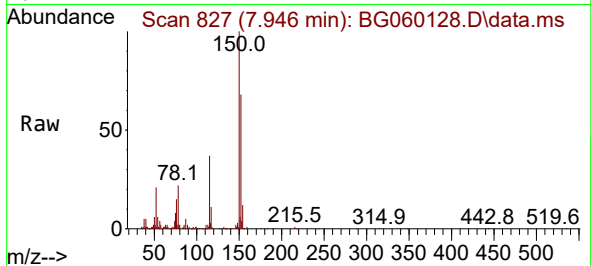




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060128.D
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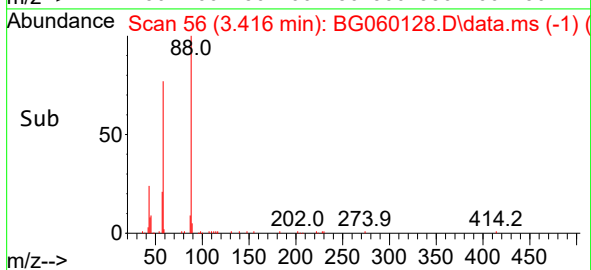
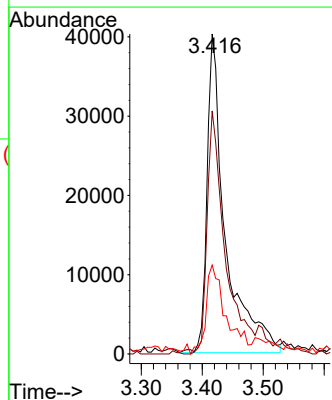
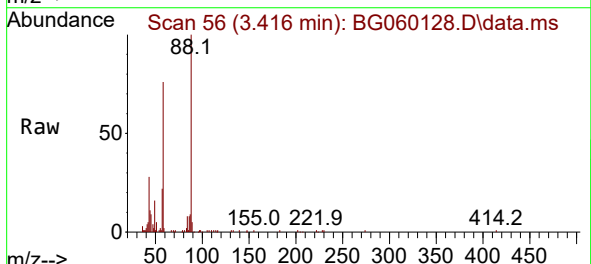
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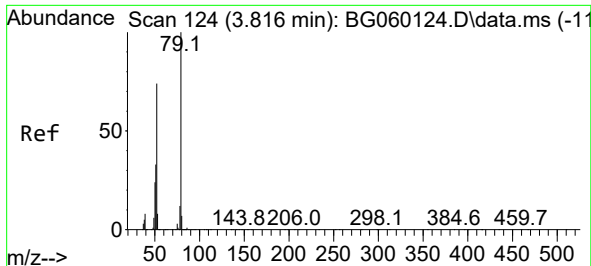
Tgt Ion:152 Resp: 82330
Ion Ratio Lower Upper
152 100
150 146.1 109.4 164.0
115 53.9 36.5 54.7



#2
1,4-Dioxane
Concen: 38.839 ng
RT: 3.416 min Scan# 56
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion: 88 Resp: 84794
Ion Ratio Lower Upper
88 100
58 73.5 65.4 98.0
43 30.3 25.0 37.4

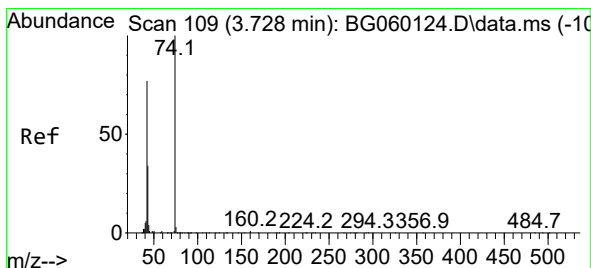
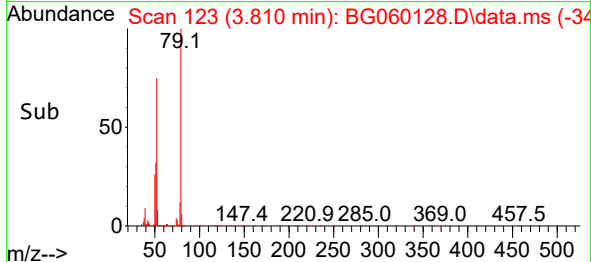
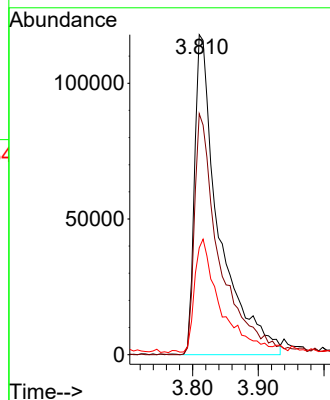
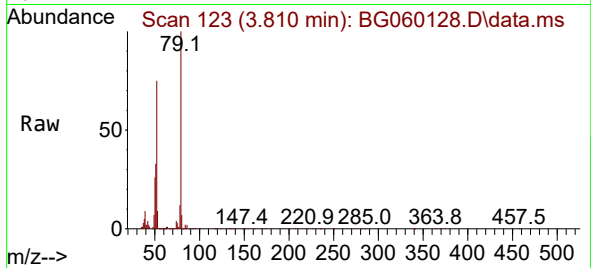




#3
 Pyridine
 Concen: 43.200 ng
 RT: 3.810 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BG060128.D
 Acq: 21 Dec 2023 18:49

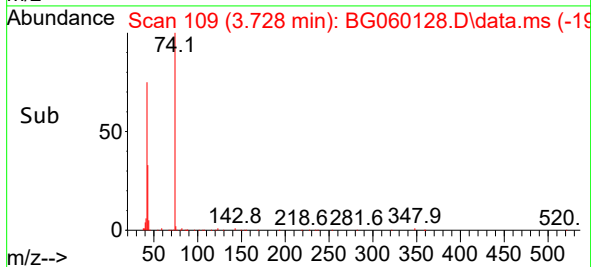
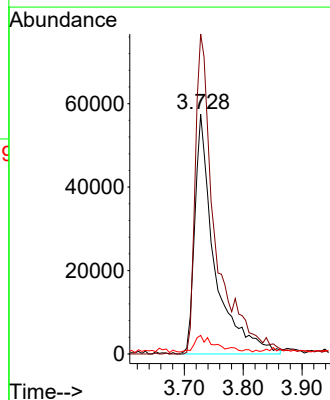
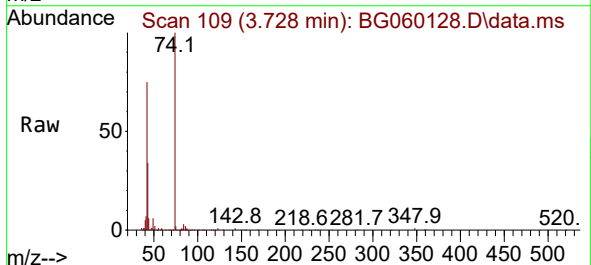
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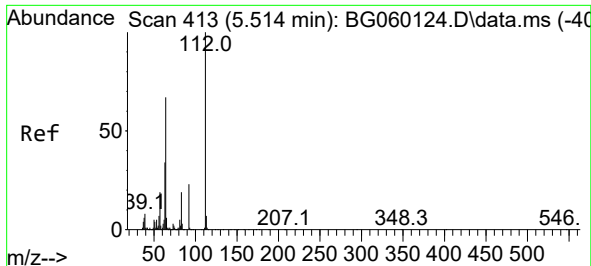
Tgt Ion: 79 Resp: 304829
 Ion Ratio Lower Upper
 79 100
 52 75.3 59.3 88.9
 51 33.4 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 41.781 ng
 RT: 3.728 min Scan# 109
 Delta R.T. -0.000 min
 Lab File: BG060128.D
 Acq: 21 Dec 2023 18:49

Tgt Ion: 42 Resp: 133930
 Ion Ratio Lower Upper
 42 100
 74 133.6 103.8 155.6
 44 7.8 5.8 8.8

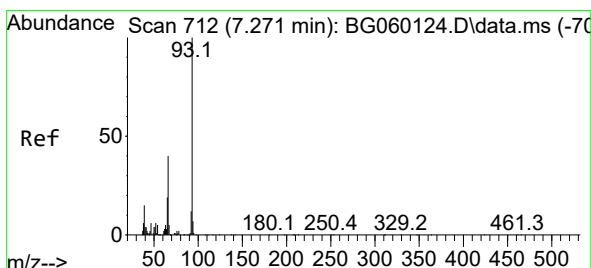
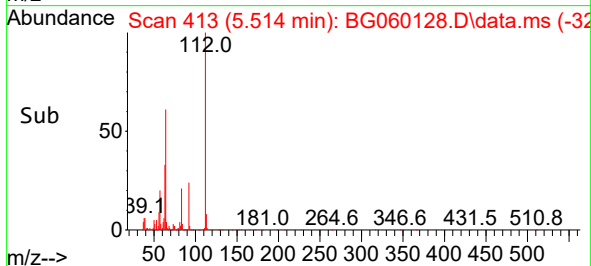
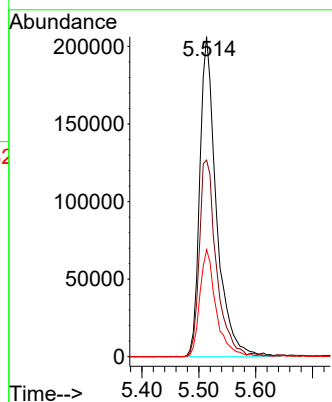
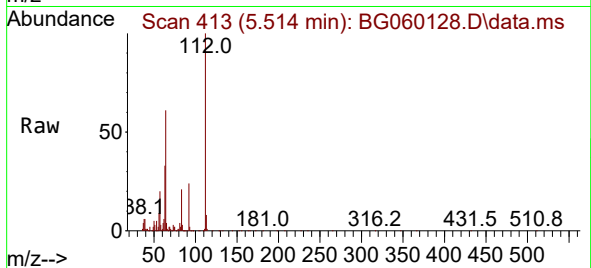




#5
2-Fluorophenol
Concen: 80.505 ng
RT: 5.514 min Scan# 413
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

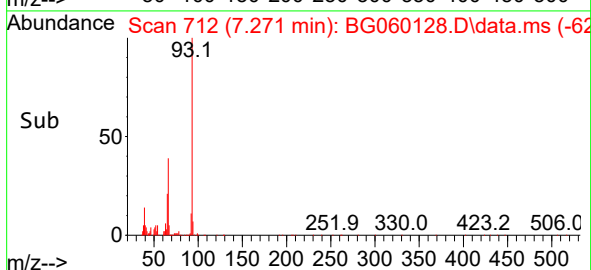
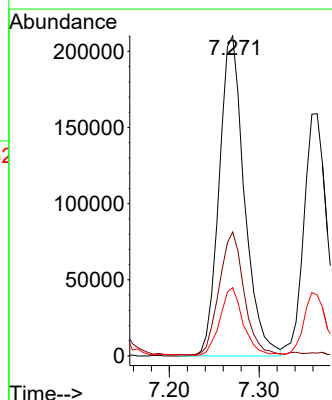
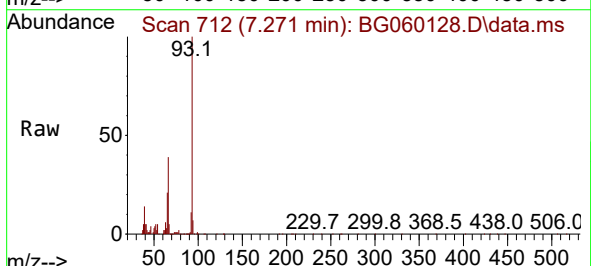
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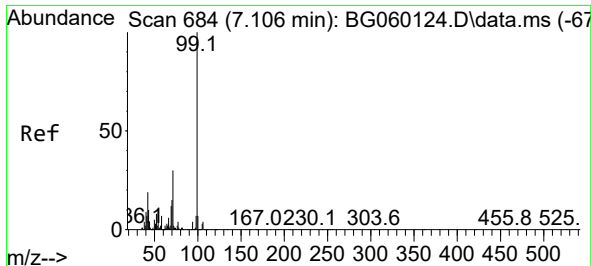
Tgt Ion:112 Resp: 420632
Ion Ratio Lower Upper
112 100
64 61.4 53.3 79.9
63 33.4 27.1 40.7



#6
Aniline
Concen: 44.640 ng
RT: 7.271 min Scan# 712
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion: 93 Resp: 409894
Ion Ratio Lower Upper
93 100
66 38.8 32.3 48.5
65 21.3 15.7 23.5

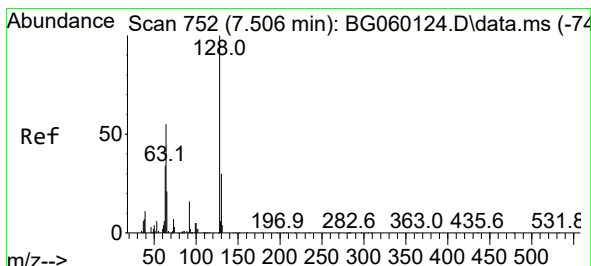
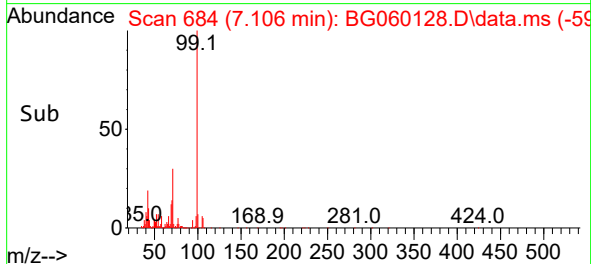
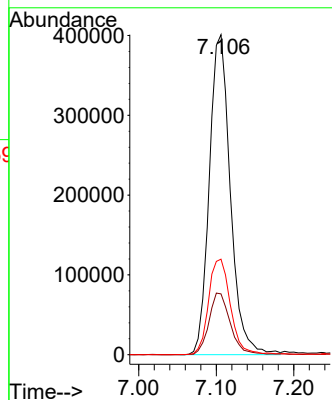
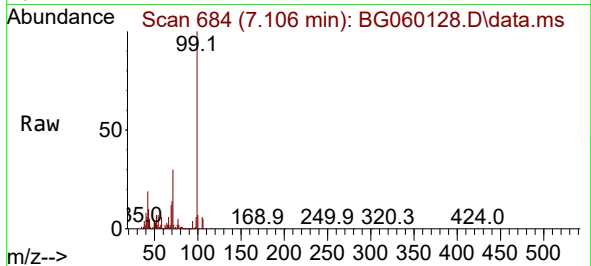




#7
Phenol-d6
Concen: 86.001 ng
RT: 7.106 min Scan# 684
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

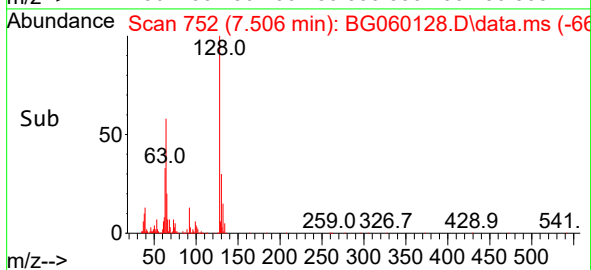
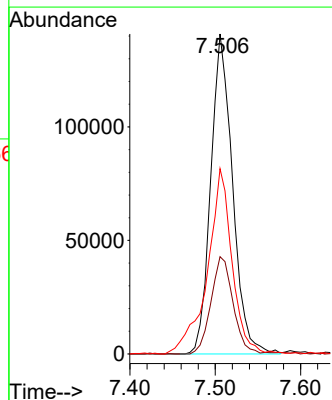
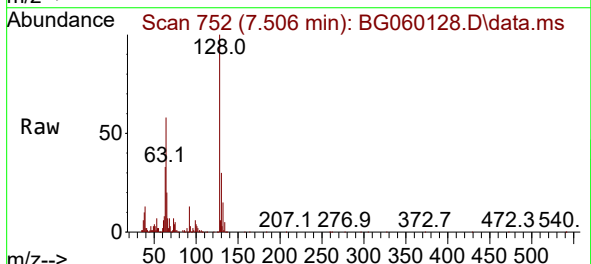
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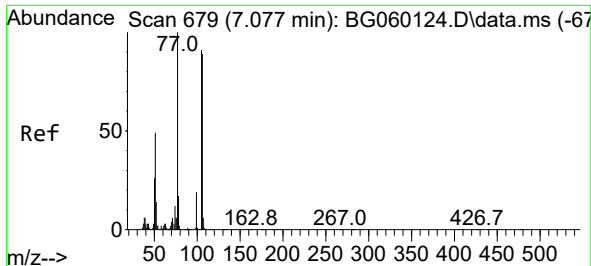
Tgt Ion: 99 Resp: 756236
Ion Ratio Lower Upper
99 100
42 19.0 15.2 22.8
71 29.8 24.2 36.2



#8
2-Chlorophenol
Concen: 43.225 ng
RT: 7.506 min Scan# 752
Delta R.T. -0.000 min
Lab File: BG060128.D
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Tgt Ion: 128 Resp: 250248
Ion Ratio Lower Upper
128 100
130 30.4 10.4 50.4
64 57.9 39.3 79.3

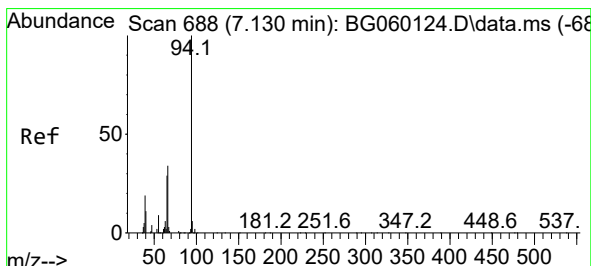
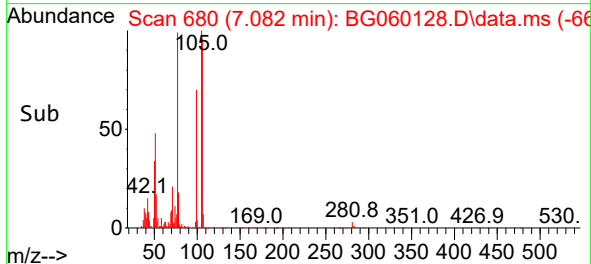
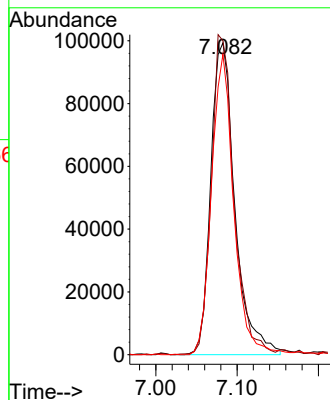
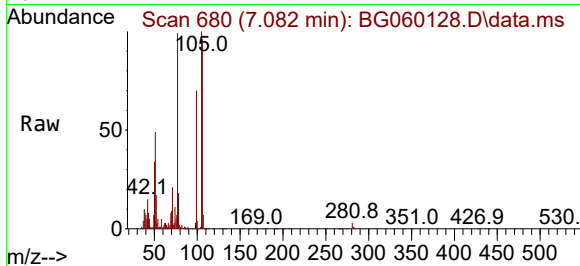




#9
Benzaldehyde
Concen: 41.964 ng
RT: 7.082 min Scan# 679
Delta R.T. 0.006 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

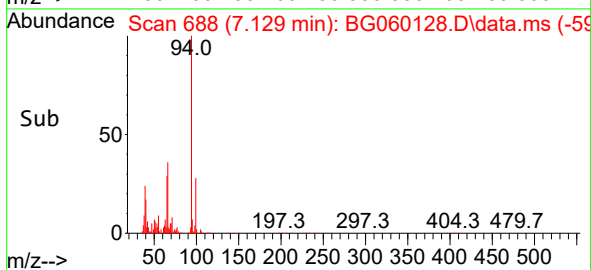
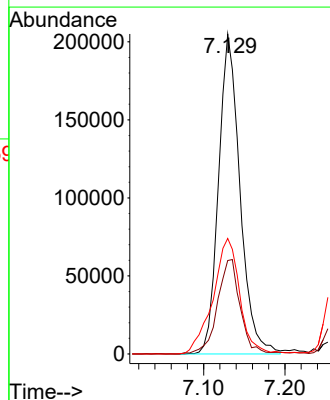
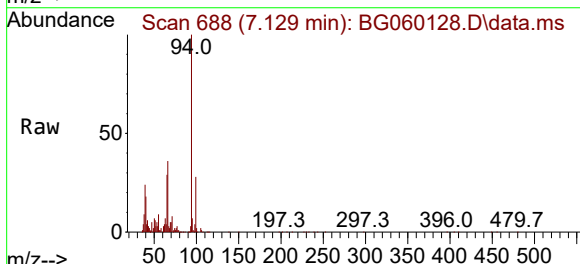
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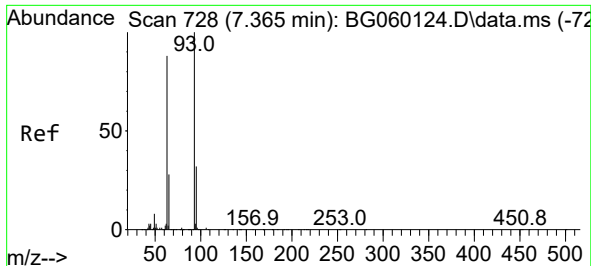
Tgt Ion: 77 Resp: 204702
Ion Ratio Lower Upper
77 100
105 100.7 71.4 111.4
106 96.3 68.8 108.8



#10
Phenol
Concen: 42.767 ng
RT: 7.129 min Scan# 688
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 375766
Ion Ratio Lower Upper
94 100
65 29.2 9.7 49.7
66 36.1 15.7 55.7

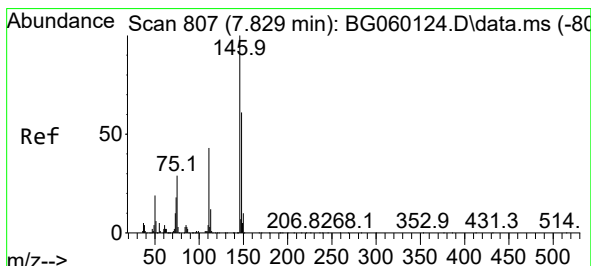
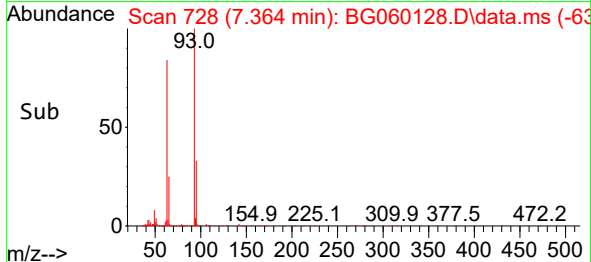
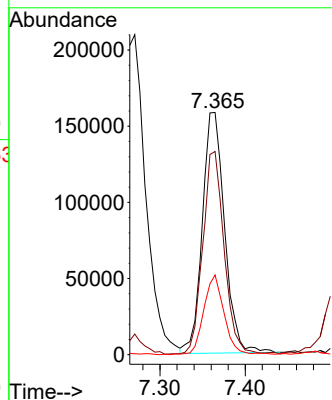
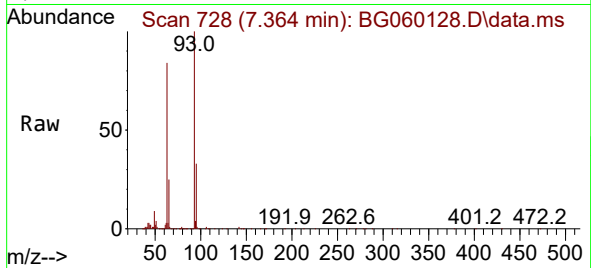




#11
bis(2-Chloroethyl)ether
Concen: 41.517 ng
RT: 7.364 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

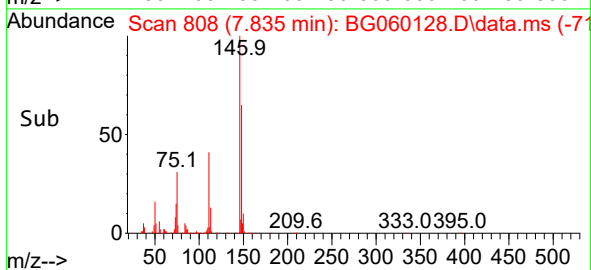
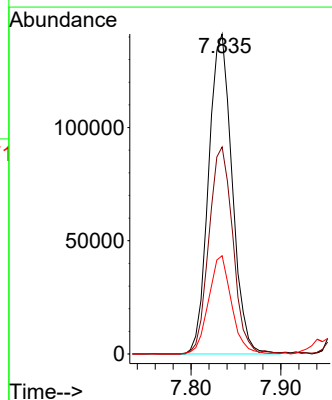
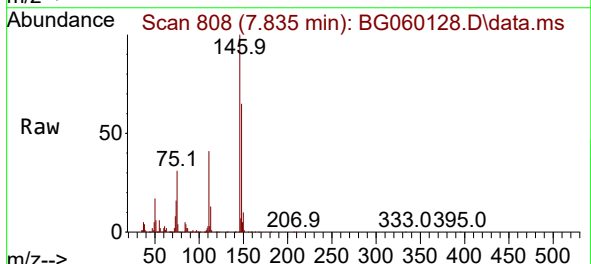
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

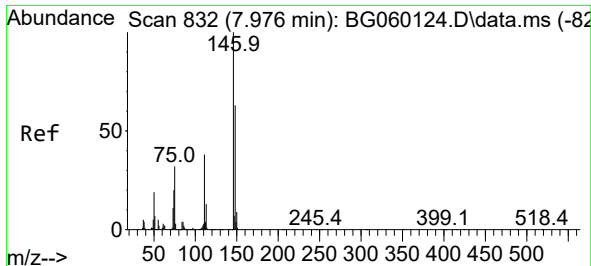
Tgt Ion: 93 Resp: 286375
Ion Ratio Lower Upper
93 100
63 83.9 66.4 106.4
95 32.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 39.732 ng
RT: 7.835 min Scan# 808
Delta R.T. 0.006 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion: 146 Resp: 257088
Ion Ratio Lower Upper
146 100
148 64.7 48.7 73.1
75 30.7 23.4 35.2

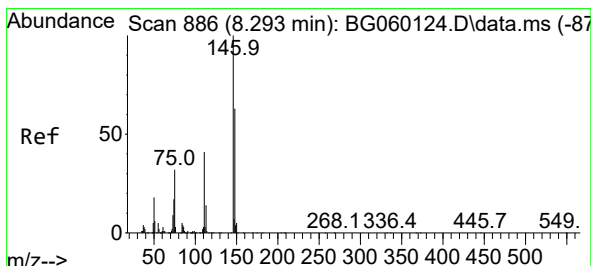
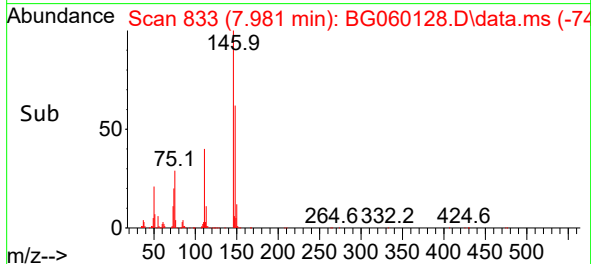
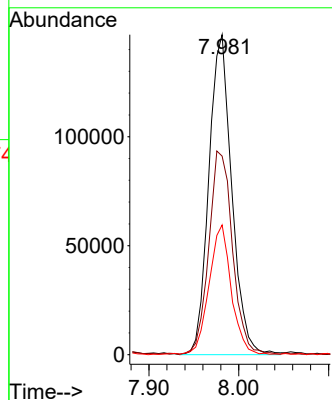
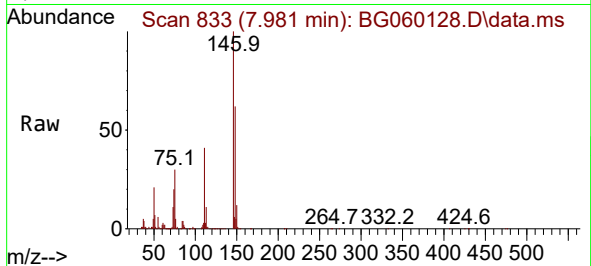




#13
1,4-Dichlorobenzene
Concen: 38.872 ng
RT: 7.981 min Scan# 811
Delta R.T. 0.006 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

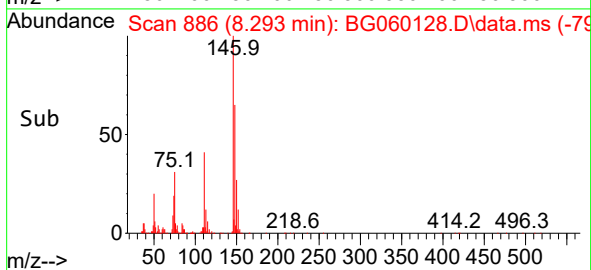
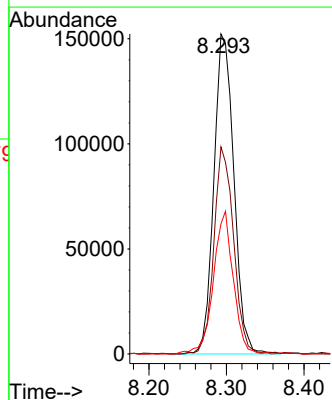
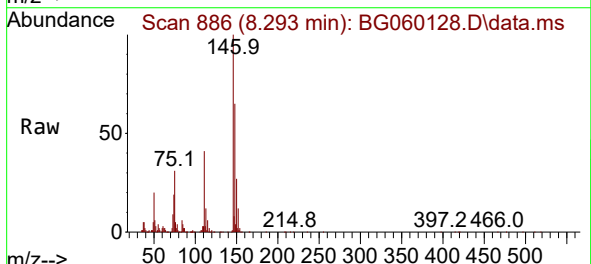
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

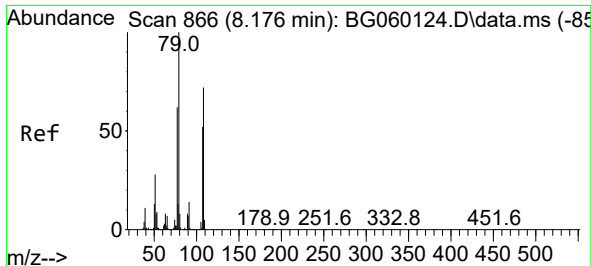
Tgt Ion:146 Resp: 260167
Ion Ratio Lower Upper
146 100
148 62.1 50.3 75.5
111 40.5 30.6 46.0



#14
1,2-Dichlorobenzene
Concen: 40.672 ng
RT: 8.293 min Scan# 886
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:146 Resp: 274117
Ion Ratio Lower Upper
146 100
148 64.7 50.6 76.0
111 40.7 32.9 49.3

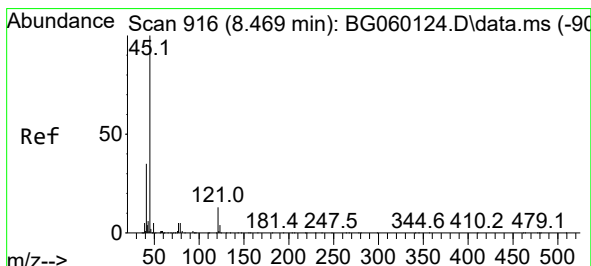
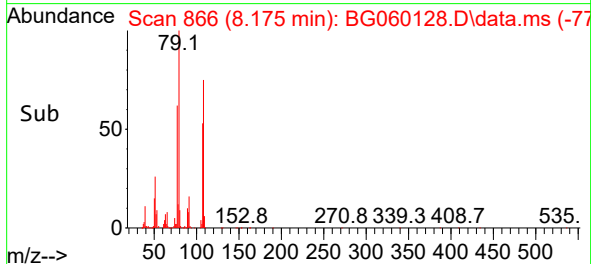
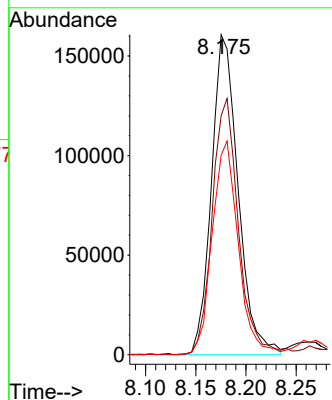
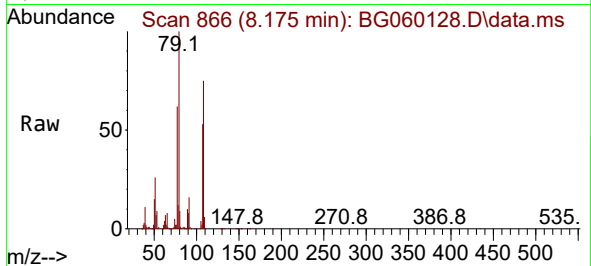




#15
Benzyl Alcohol
Concen: 45.967 ng
RT: 8.175 min Scan# 866
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

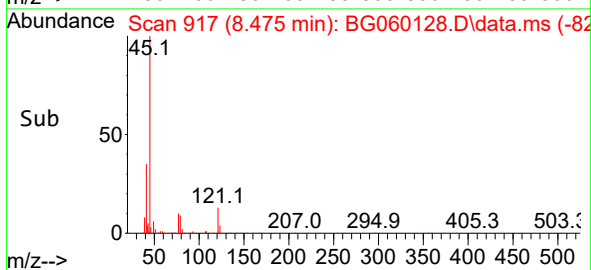
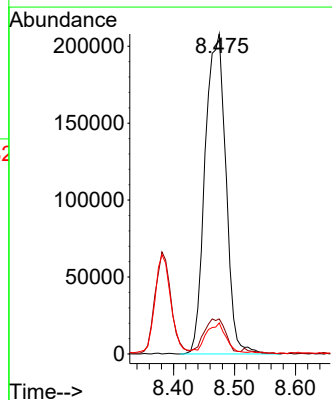
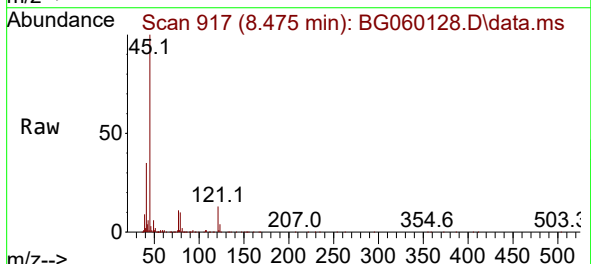
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

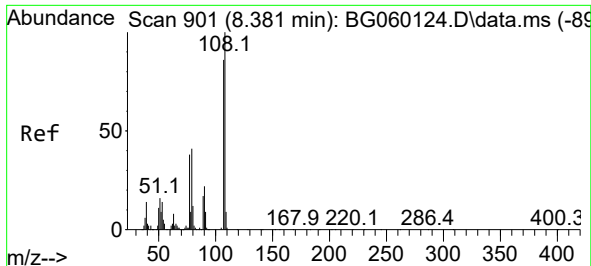
Tgt Ion: 79 Resp: 296722
Ion Ratio Lower Upper
79 100
108 74.7 57.5 86.3
77 62.4 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.349 ng
RT: 8.475 min Scan# 917
Delta R.T. 0.006 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion: 45 Resp: 492055
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.3
79 9.7 0.0 29.0





#17

2-Methylphenol

Concen: 43.639 ng

RT: 8.381 min Scan# 901

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123

Tgt Ion:107 Resp: 266040

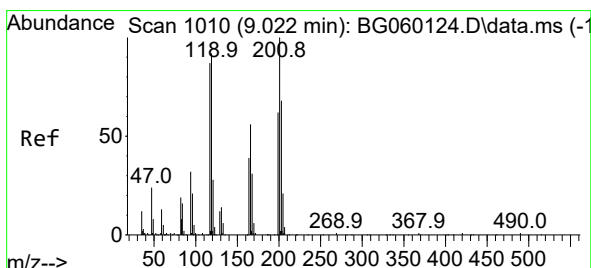
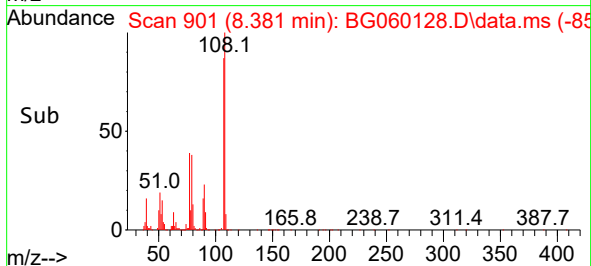
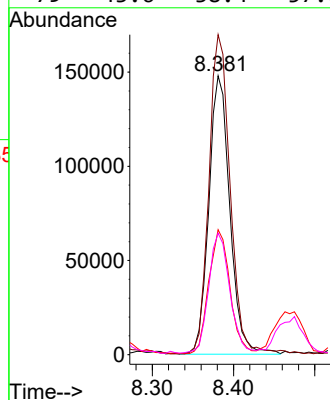
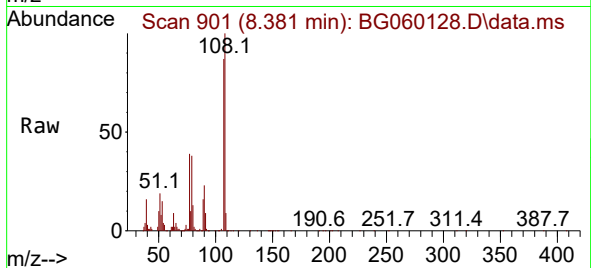
Ion Ratio Lower Upper

107 100

108 114.7 93.2 139.8

77 44.8 35.8 53.6

79 43.6 38.4 57.6



#18

Hexachloroethane

Concen: 39.446 ng

RT: 9.027 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

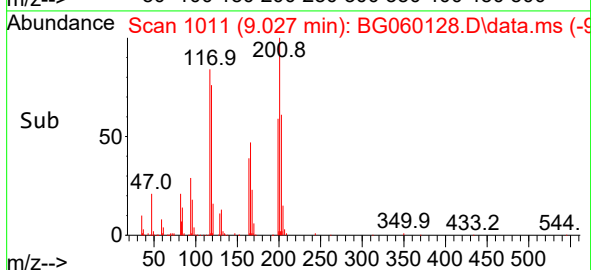
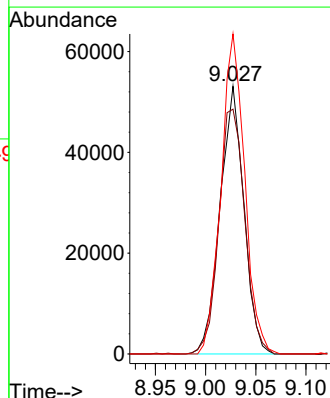
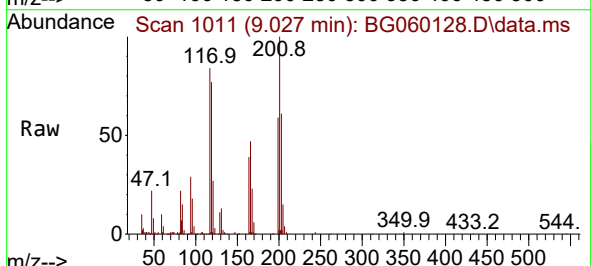
Tgt Ion:117 Resp: 87617

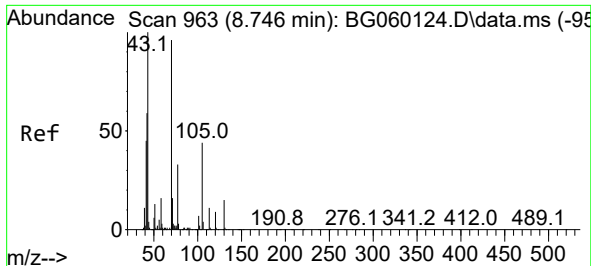
Ion Ratio Lower Upper

117 100

119 91.4 85.1 127.7

201 121.5 92.5 138.7





#19

n-Nitroso-di-n-propylamine

Concen: 45.400 ng

RT: 8.745 min Scan# 90

Delta R.T. -0.000 min

Lab File: BG060128.D

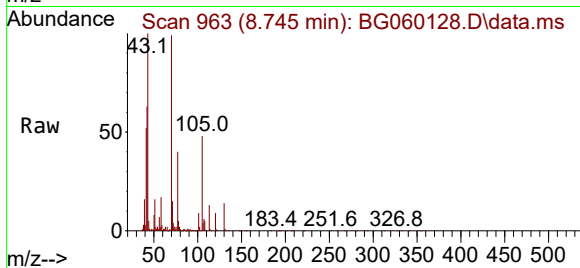
Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123



Tgt Ion: 70 Resp: 310423

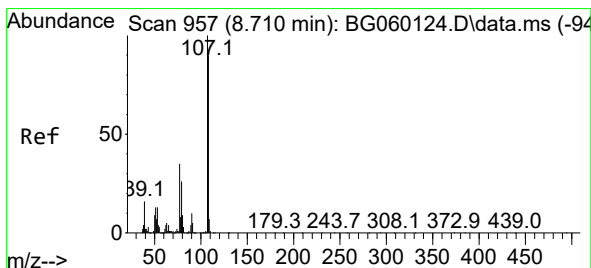
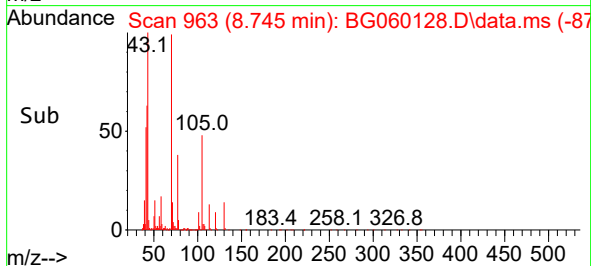
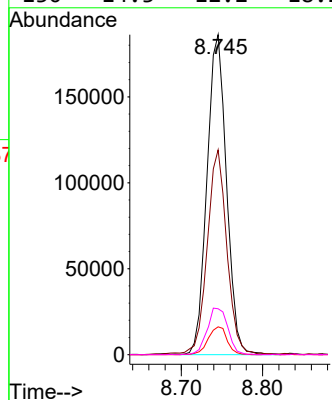
Ion Ratio Lower Upper

70 100

42 64.0 49.6 74.4

101 8.7 6.2 9.4

130 14.3 12.2 18.2



#20

3+4-Methylphenols

Concen: 45.504 ng

RT: 8.710 min Scan# 957

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Tgt Ion: 107 Resp: 398255

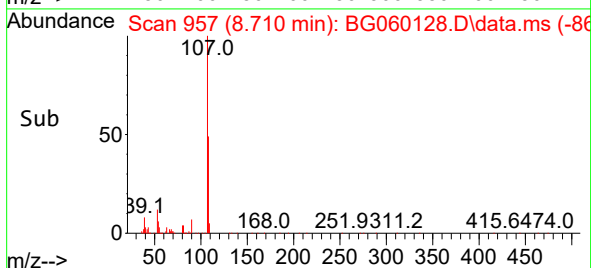
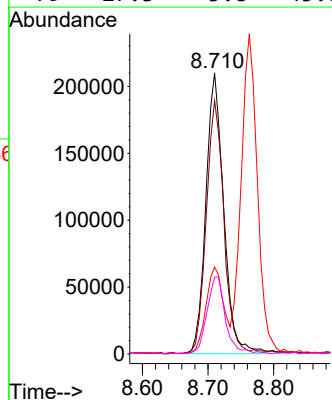
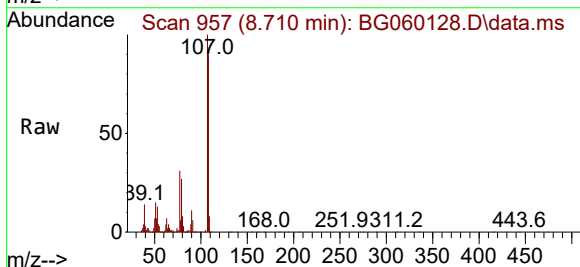
Ion Ratio Lower Upper

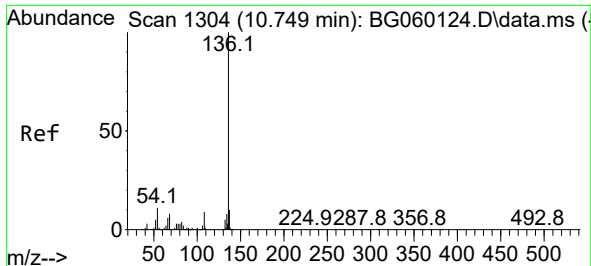
107 100

108 90.1 70.4 110.4

77 30.9 14.7 54.7

79 27.3 5.8 45.8

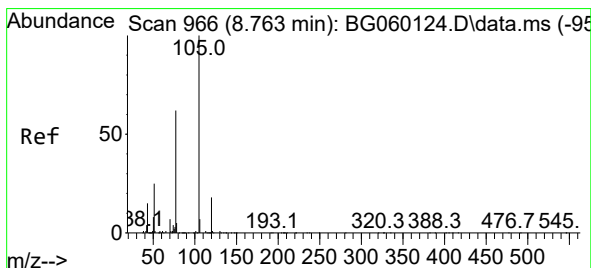
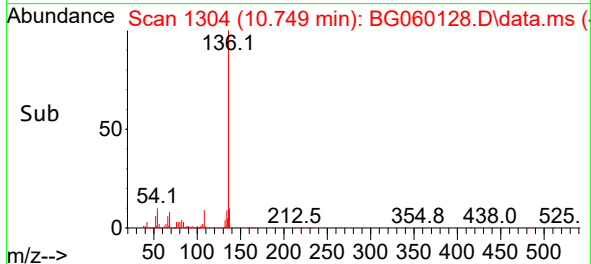
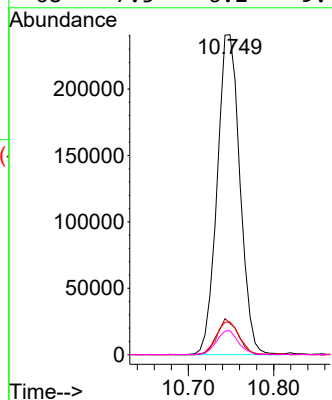
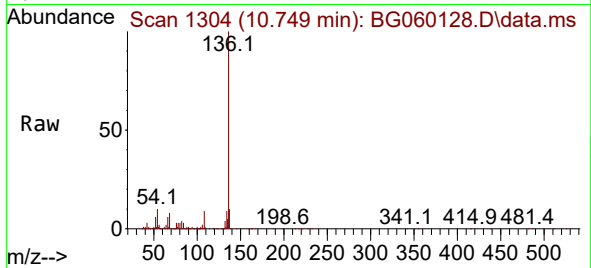




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

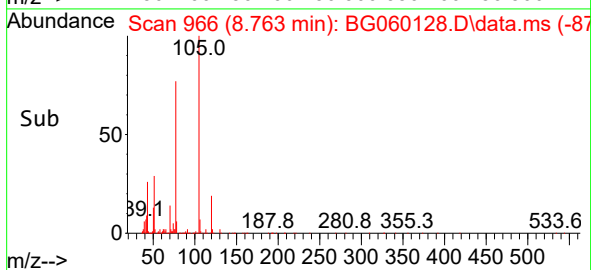
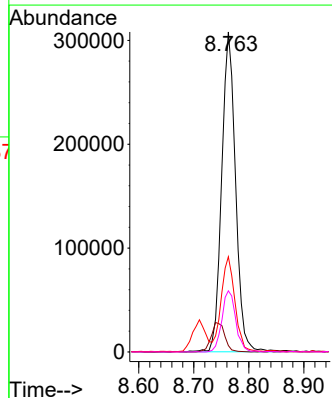
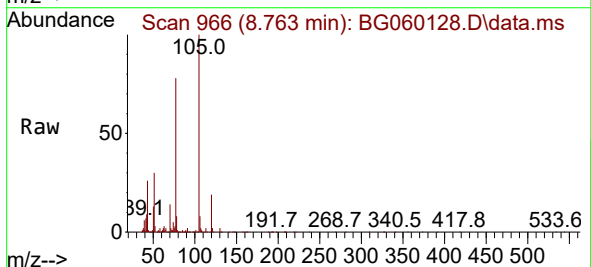
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

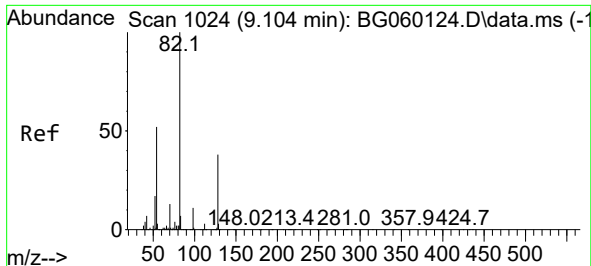
Tgt Ion:136 Resp: 447127
Ion Ratio Lower Upper
136 100
137 9.8 8.1 12.1
54 10.3 8.7 13.1
68 7.5 6.2 9.4



#22
Acetophenone
Concen: 42.255 ng
RT: 8.763 min Scan# 966
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:105 Resp: 538871
Ion Ratio Lower Upper
105 100
71 2.0 1.8 2.6
51 29.7 24.3 36.5
120 19.1 14.5 21.7

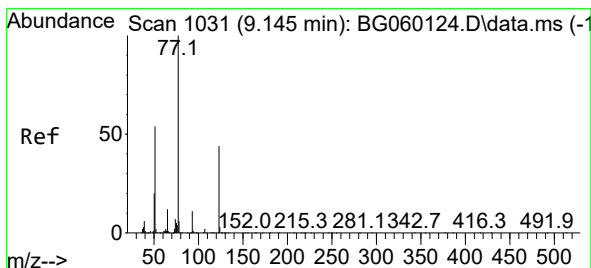
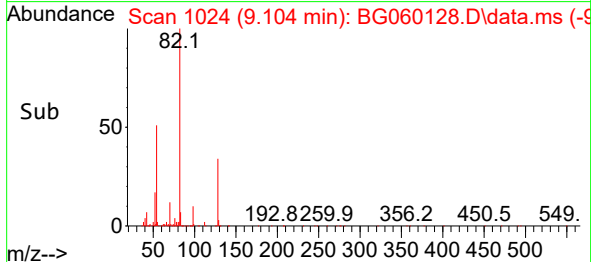
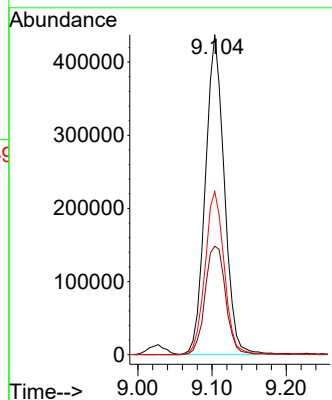
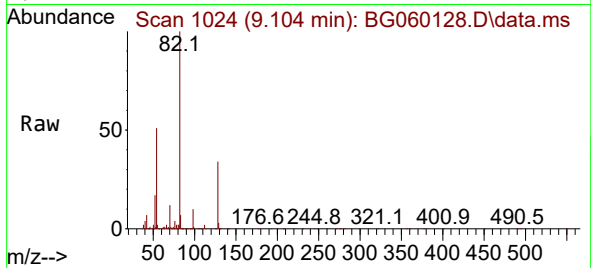




#23
Nitrobenzene-d5
Concen: 84.792 ng
RT: 9.104 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

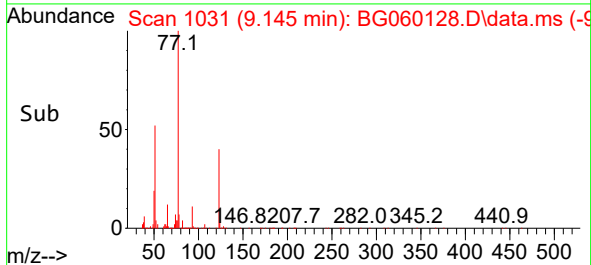
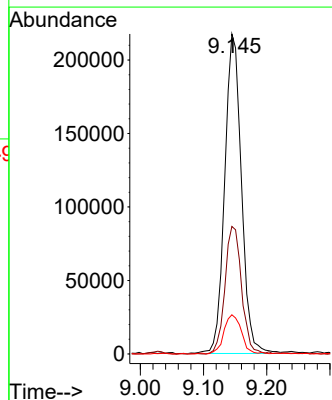
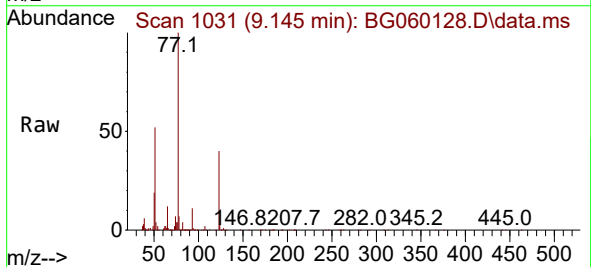
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

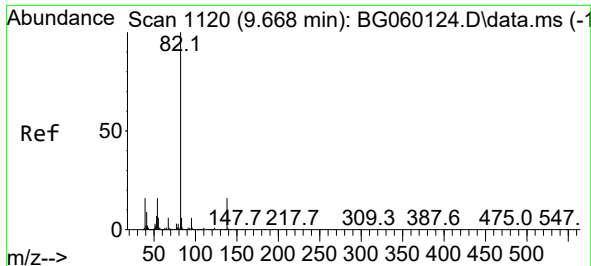
Tgt Ion: 82 Resp: 773926
Ion Ratio Lower Upper
82 100
128 33.9 30.5 45.7
54 51.0 41.9 62.9



#24
Nitrobenzene
Concen: 42.459 ng
RT: 9.145 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion: 77 Resp: 400467
Ion Ratio Lower Upper
77 100
123 39.8 35.3 52.9
65 12.2 9.8 14.6

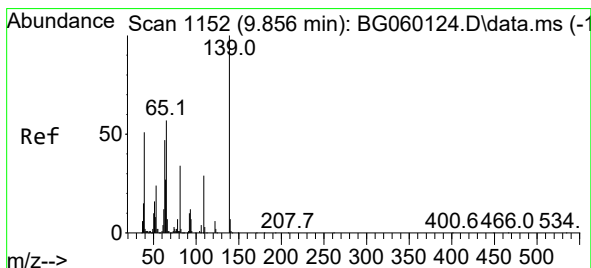
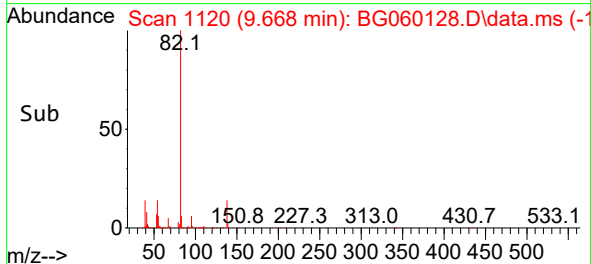
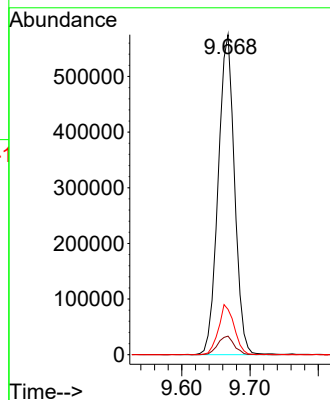
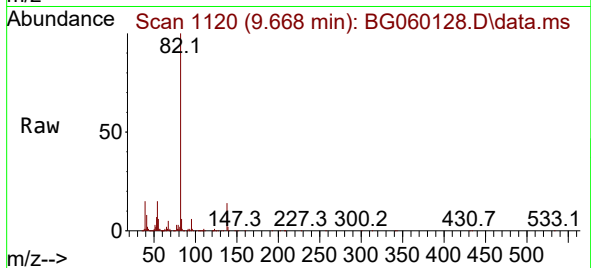




#25
Isophorone
Concen: 43.117 ng
RT: 9.668 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

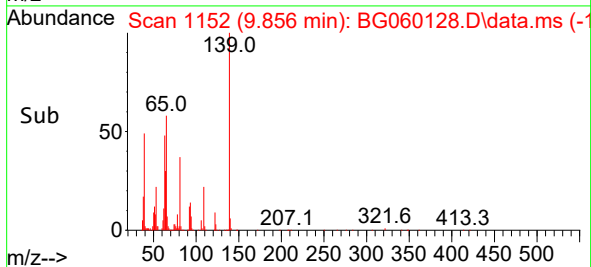
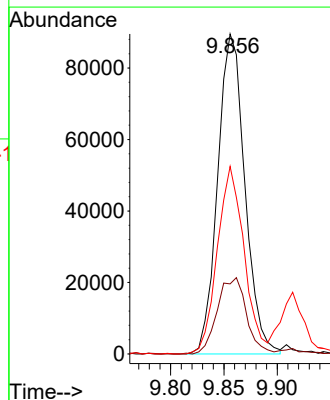
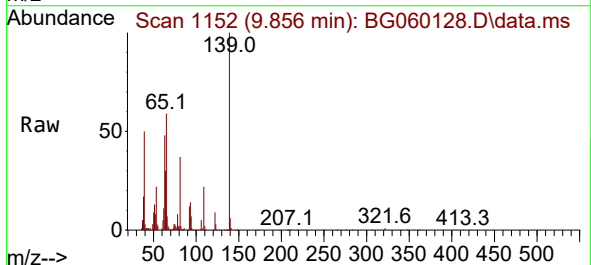
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

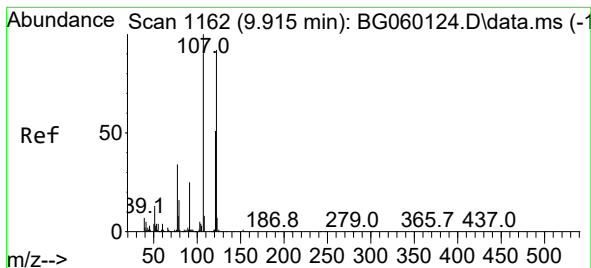
Tgt Ion: 82 Resp: 959119
Ion Ratio Lower Upper
82 100
95 5.8 5.1 7.7
138 14.2 12.8 19.2



#26
2-Nitrophenol
Concen: 42.500 ng
RT: 9.856 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:139 Resp: 158782
Ion Ratio Lower Upper
139 100
109 21.9 23.0 34.6#
65 58.6 45.8 68.8

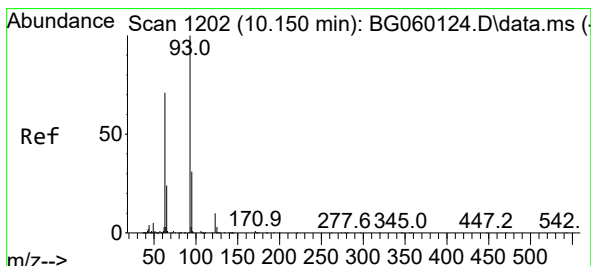
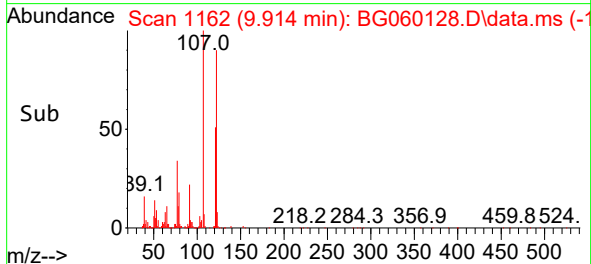
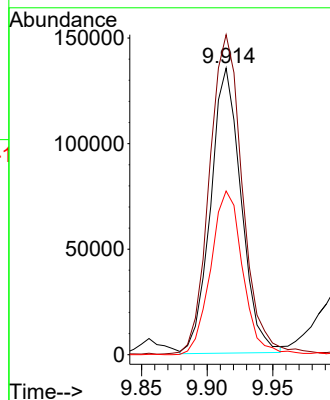
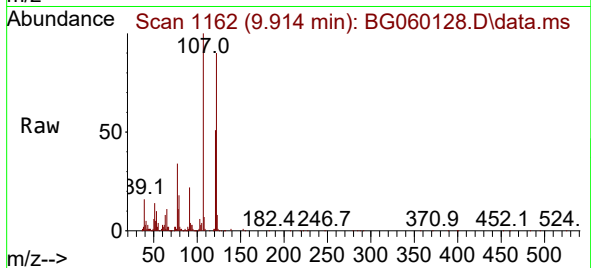




#27
2,4-Dimethylphenol
Concen: 42.468 ng
RT: 9.914 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

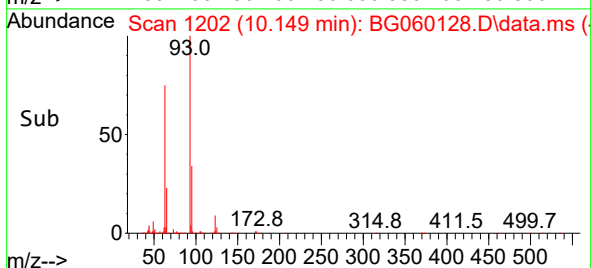
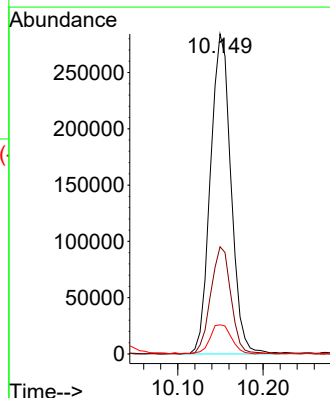
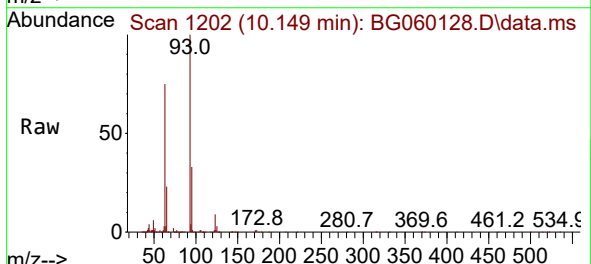
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

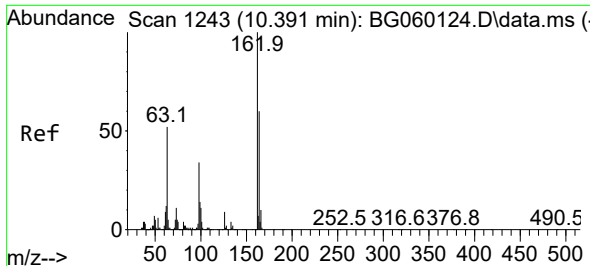
Tgt Ion:122 Resp: 218396
Ion Ratio Lower Upper
122 100
107 111.7 86.3 129.5
121 57.1 43.6 65.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.862 ng
RT: 10.149 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion: 93 Resp: 477279
Ion Ratio Lower Upper
93 100
95 33.5 25.0 37.6
123 9.1 8.2 12.2

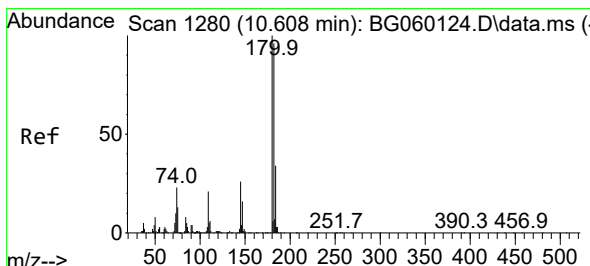
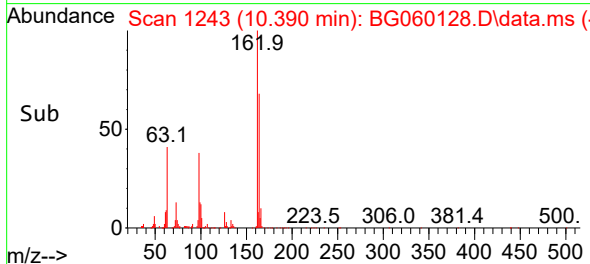
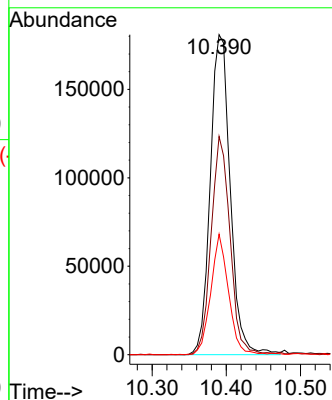
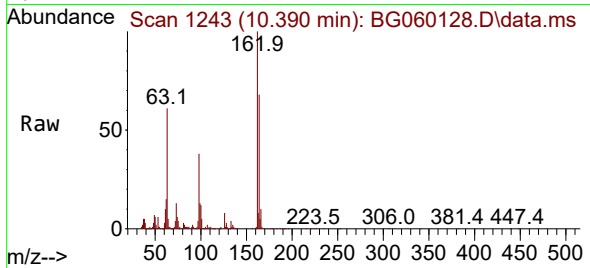




#29
2,4-Dichlorophenol
Concen: 44.068 ng
RT: 10.390 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

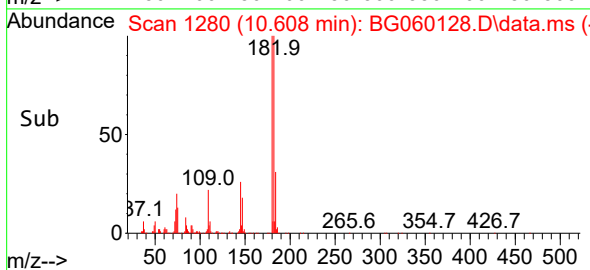
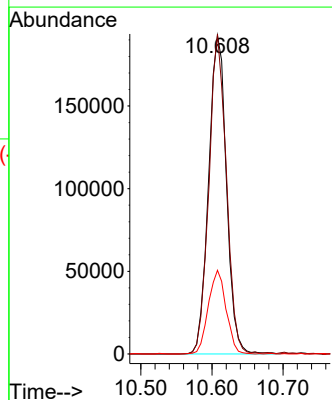
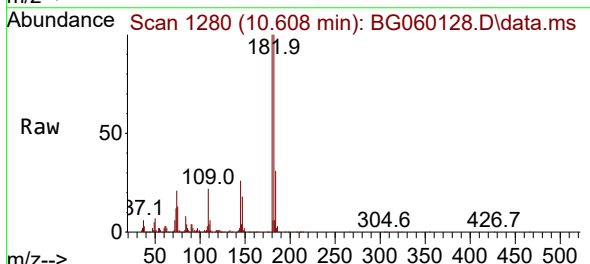
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

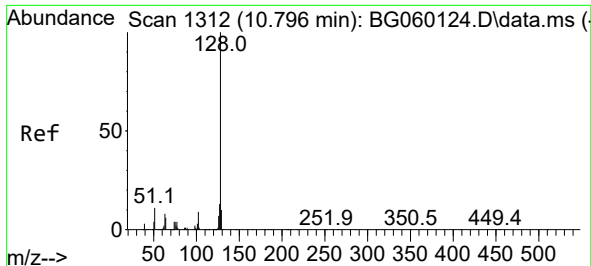
Tgt Ion:162 Resp: 338077
Ion Ratio Lower Upper
162 100
164 68.2 39.5 79.5
98 37.6 14.6 54.6



#30
1,2,4-Trichlorobenzene
Concen: 40.922 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:180 Resp: 337015
Ion Ratio Lower Upper
180 100
182 100.5 76.9 115.3
145 26.3 21.0 31.6

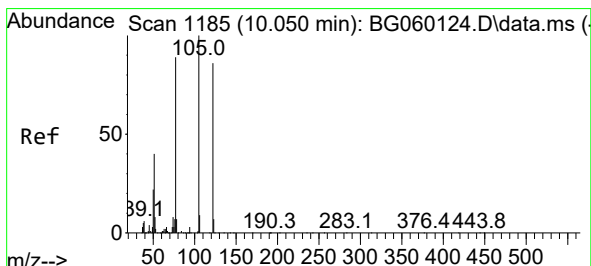
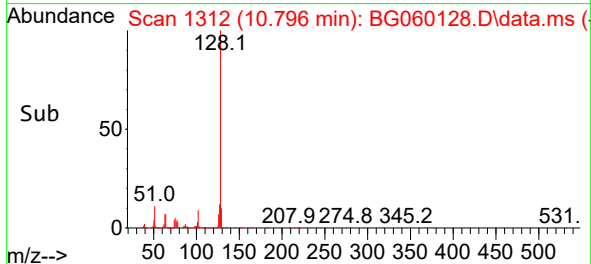
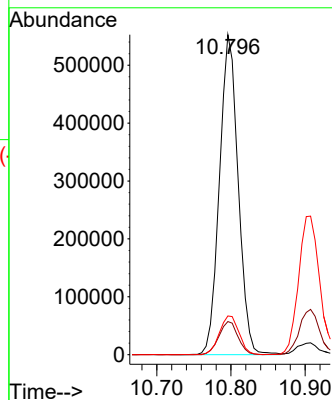
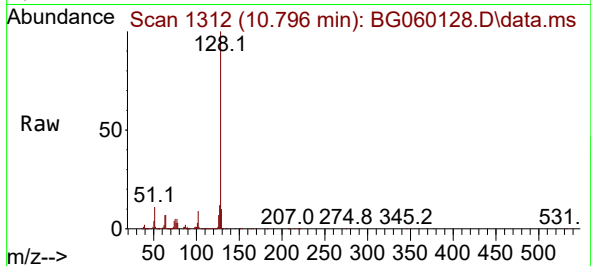




#31
Naphthalene
Concen: 40.687 ng
RT: 10.796 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

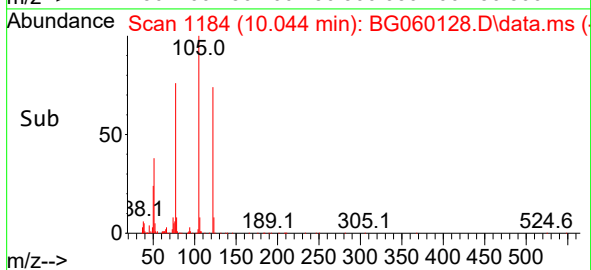
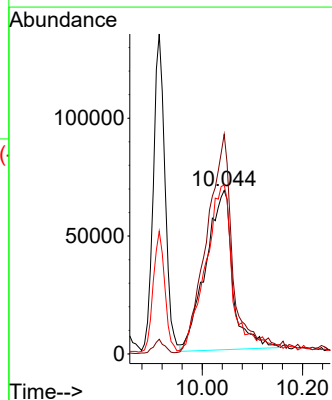
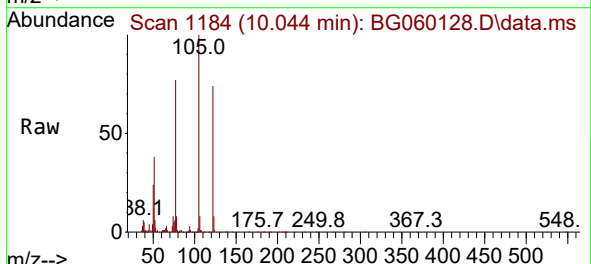
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

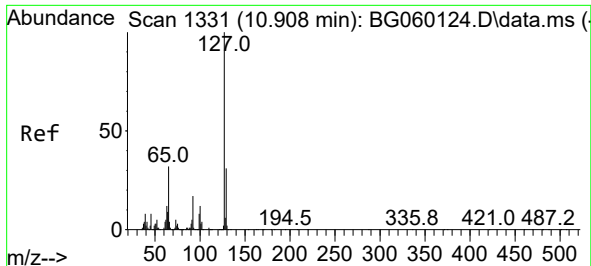
Tgt Ion:128 Resp: 968460
Ion Ratio Lower Upper
128 100
129 10.4 7.8 11.8
127 12.1 10.3 15.5



#32
Benzoic acid
Concen: 44.377 ng
RT: 10.044 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:122 Resp: 255137
Ion Ratio Lower Upper
122 100
105 134.4 93.2 133.2#
77 103.4 81.7 121.7

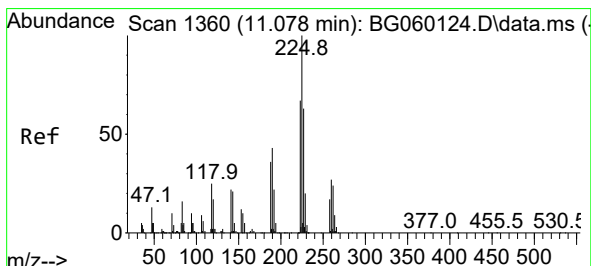
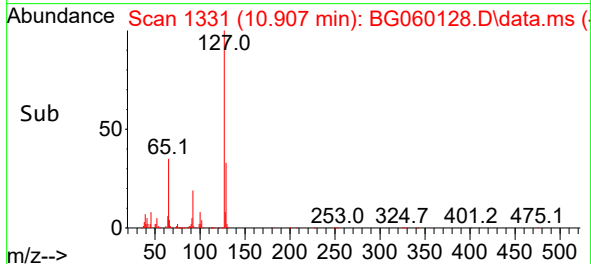
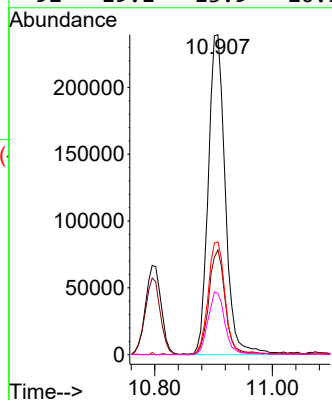
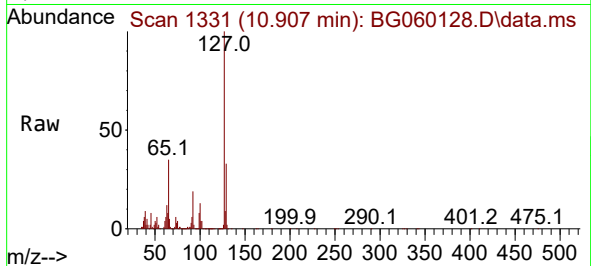




#33
4-Chloroaniline
Concen: 46.870 ng
RT: 10.907 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

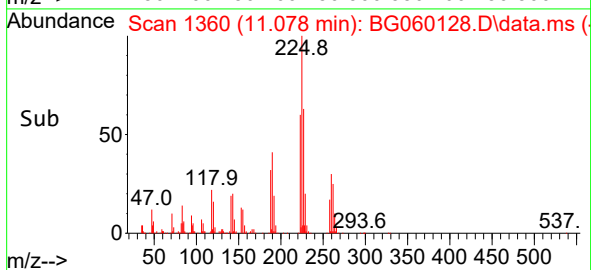
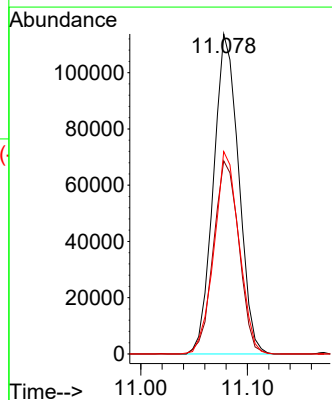
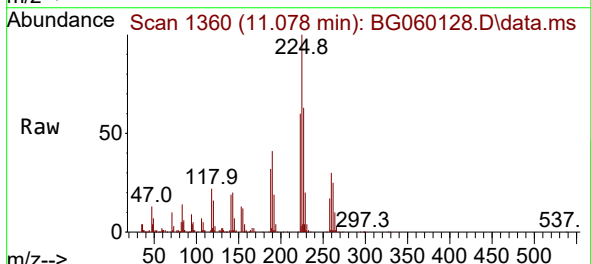
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

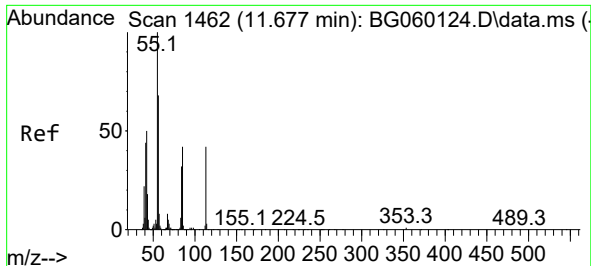
Tgt Ion:	127	Resp:	482165
Ion	Ratio	Lower	Upper
127	100		
129	32.7	24.6	36.8
65	35.3	25.7	38.5
92	19.1	13.9	20.9



#34
Hexachlorobutadiene
Concen: 40.604 ng
RT: 11.078 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:	225	Resp:	186697
Ion	Ratio	Lower	Upper
225	100		
223	60.4	55.4	83.2
227	66.8	50.2	75.2

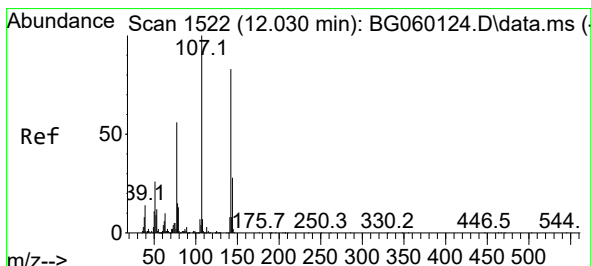
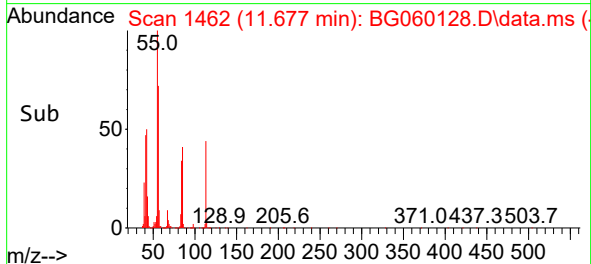
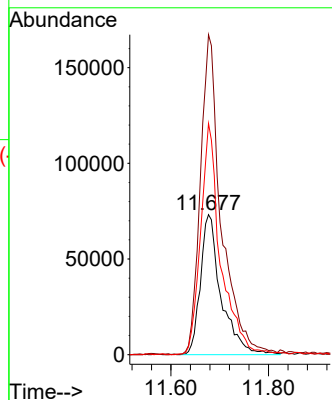
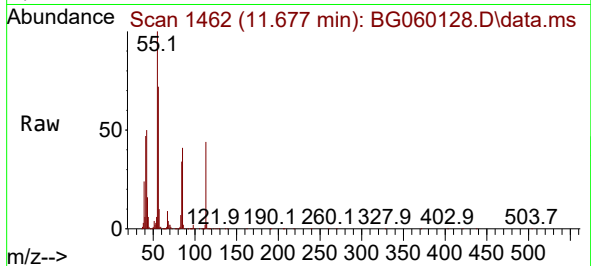




#35
Caprolactam
Concen: 53.828 ng
RT: 11.677 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

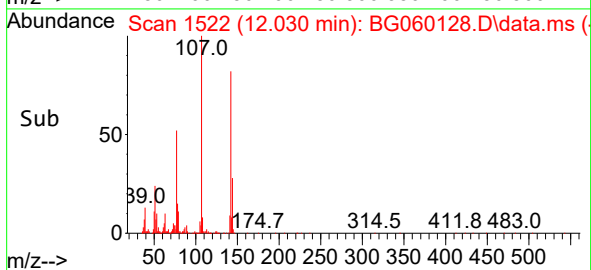
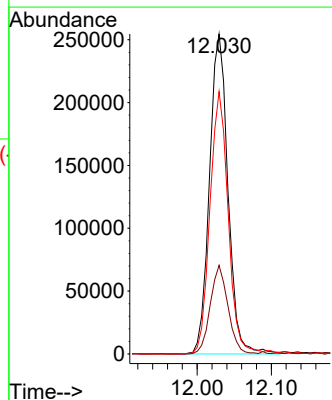
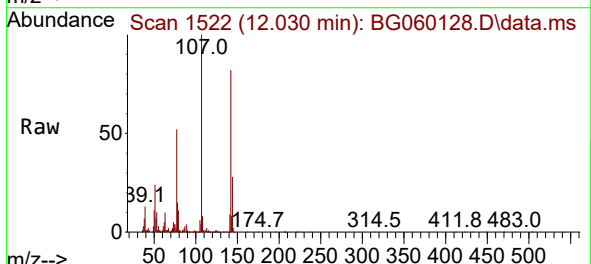
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

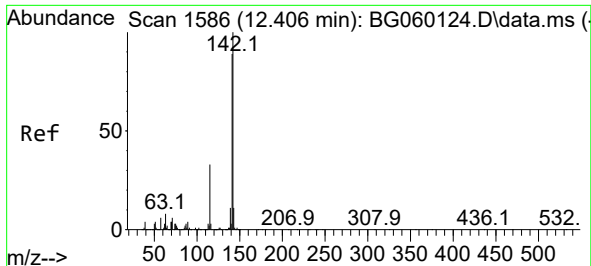
Tgt Ion:113 Resp: 215722
Ion Ratio Lower Upper
113 100
55 228.4 219.6 259.6
56 165.1 142.8 182.8



#36
4-Chloro-3-methylphenol
Concen: 48.156 ng
RT: 12.030 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:107 Resp: 441330
Ion Ratio Lower Upper
107 100
144 27.7 22.6 34.0
142 82.0 66.6 99.8





#37

2-Methylnaphthalene

Concen: 43.504 ng

RT: 12.406 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123

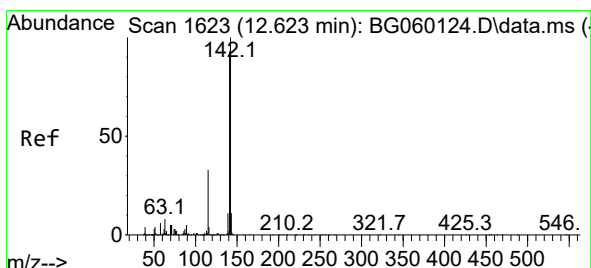
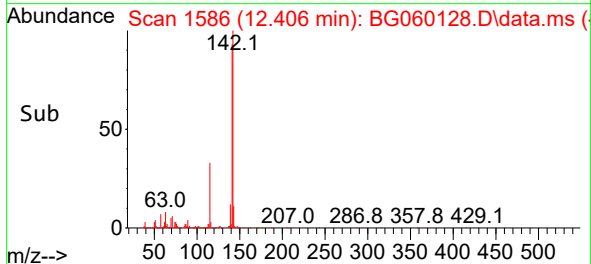
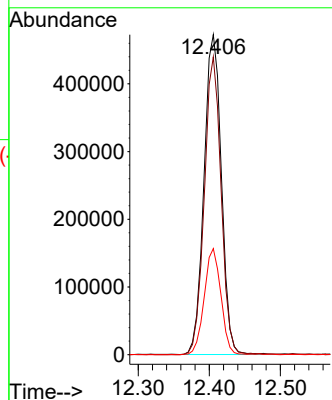
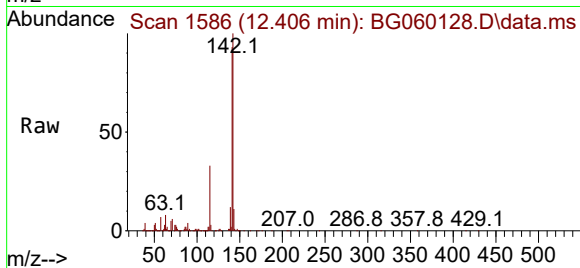
Tgt Ion:142 Resp: 803647

Ion Ratio Lower Upper

142 100

141 93.1 71.5 107.3

115 33.1 26.1 39.1



#38

1-Methylnaphthalene

Concen: 44.682 ng

RT: 12.623 min Scan# 1623

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

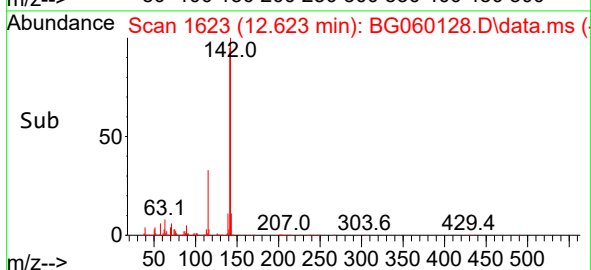
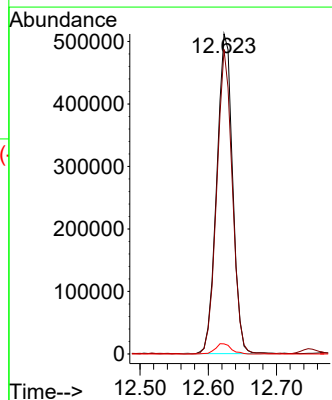
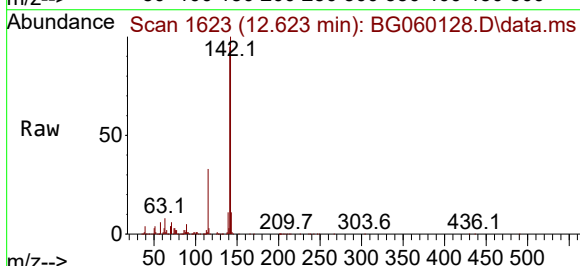
Tgt Ion:142 Resp: 828574

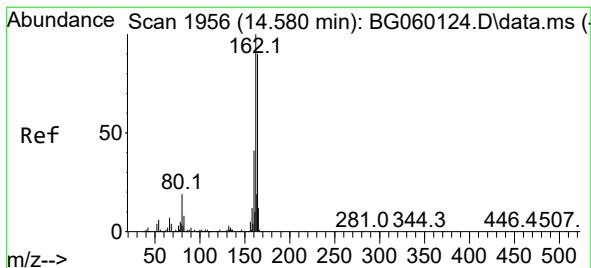
Ion Ratio Lower Upper

142 100

141 95.2 74.4 111.6

116 3.2 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1956

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123

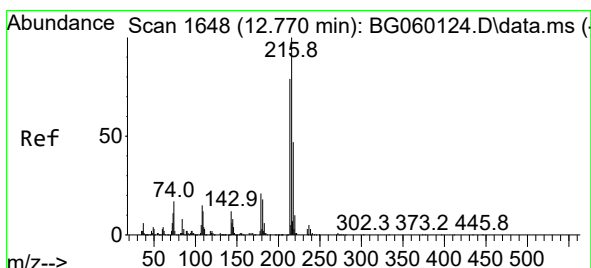
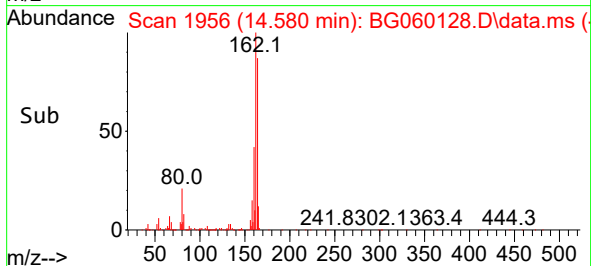
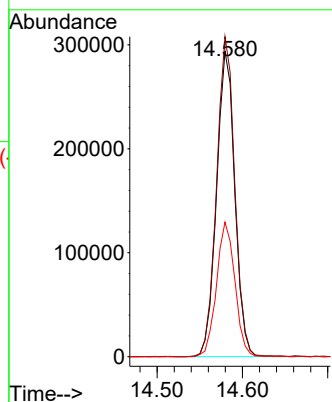
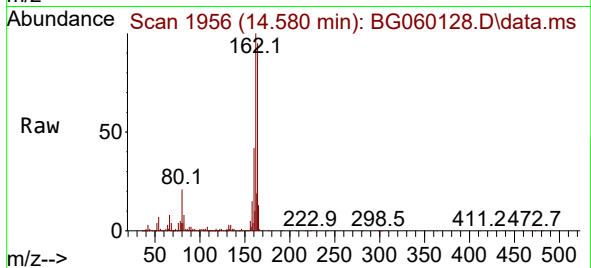
Tgt Ion:164 Resp: 435931

Ion Ratio Lower Upper

164 100

162 104.8 88.5 132.7

160 44.0 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.633 ng

RT: 12.770 min Scan# 1648

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Tgt Ion:216 Resp: 441023

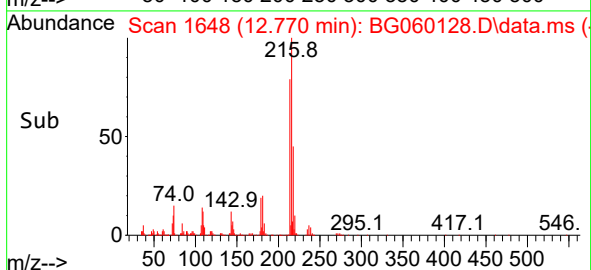
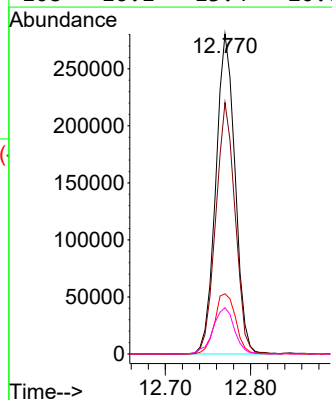
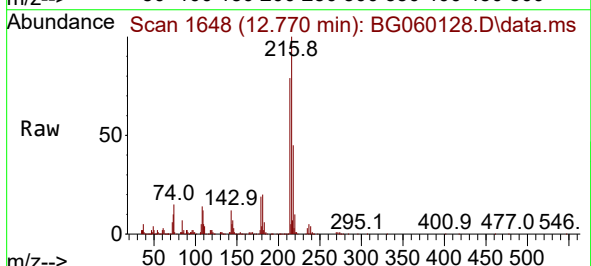
Ion Ratio Lower Upper

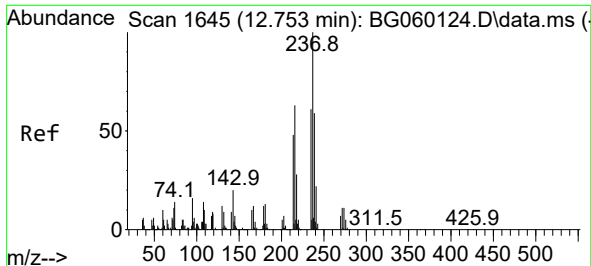
216 100

214 78.8 63.3 94.9

179 20.4 16.4 24.6

108 16.1 13.4 20.0

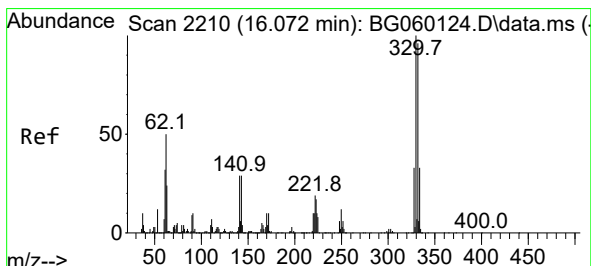
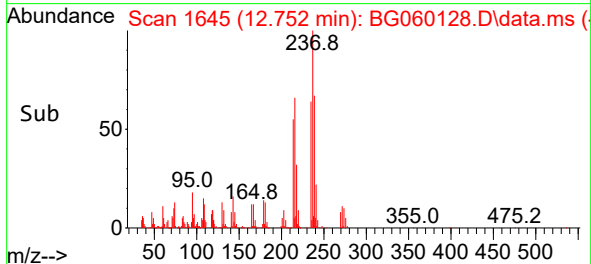
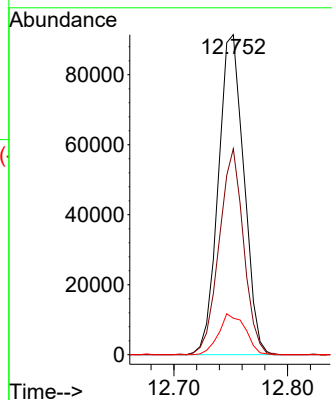
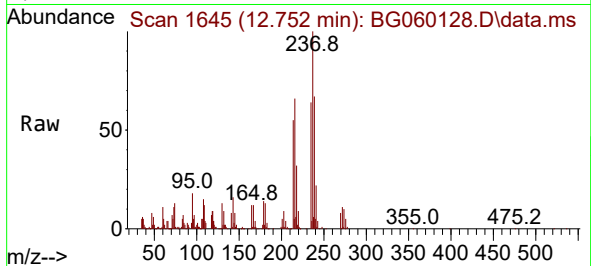




#41
Hexachlorocyclopentadiene
Concen: 37.025 ng
RT: 12.752 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

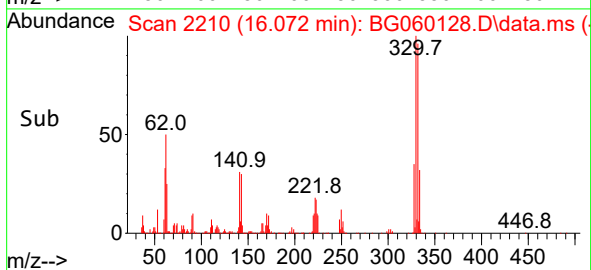
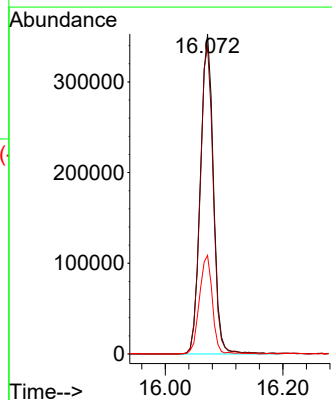
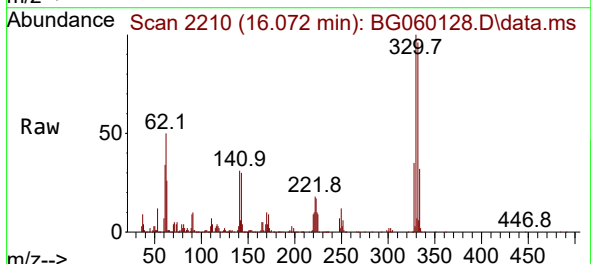
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

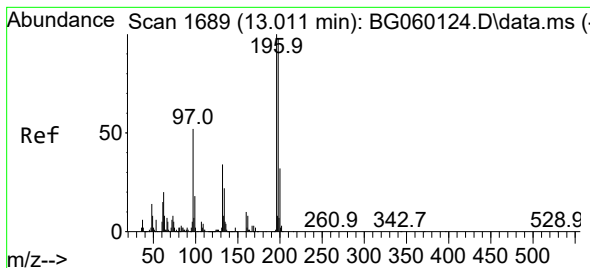
Tgt Ion:237 Resp: 142984
Ion Ratio Lower Upper
237 100
235 64.4 40.9 80.9
272 11.4 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 92.500 ng
RT: 16.072 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:330 Resp: 542927
Ion Ratio Lower Upper
330 100
332 96.2 75.5 113.3
141 30.7 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 40.556 ng

RT: 13.011 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123

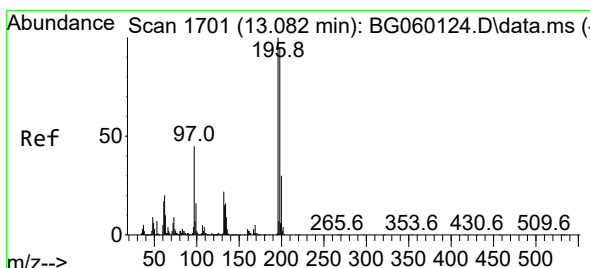
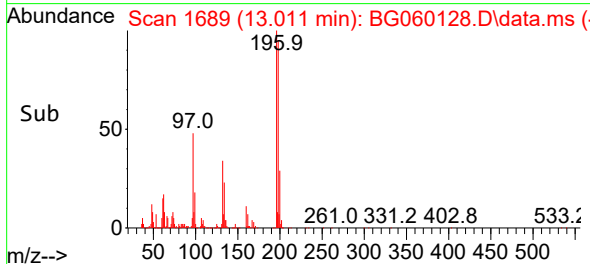
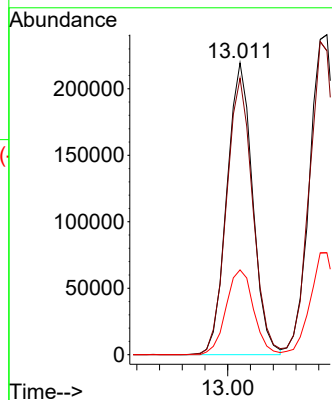
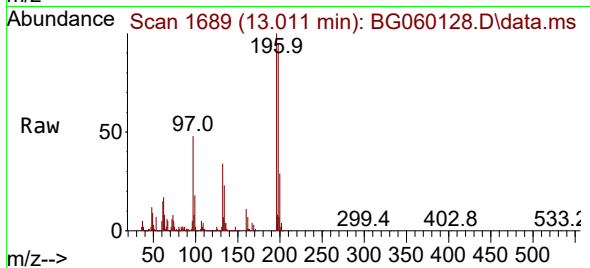
Tgt Ion:196 Resp: 345367

Ion Ratio Lower Upper

196 100

198 94.7 78.2 117.2

200 29.0 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 41.762 ng

RT: 13.087 min Scan# 1702

Delta R.T. 0.006 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Tgt Ion:196 Resp: 403336

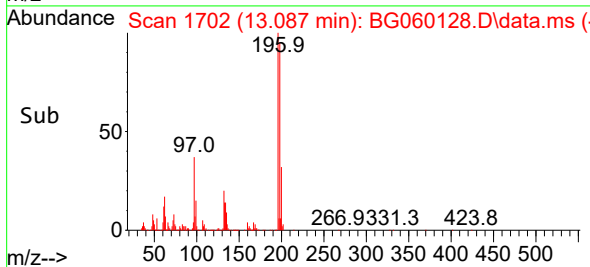
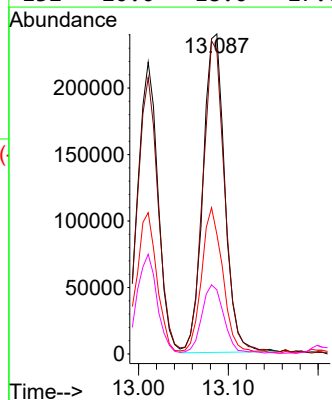
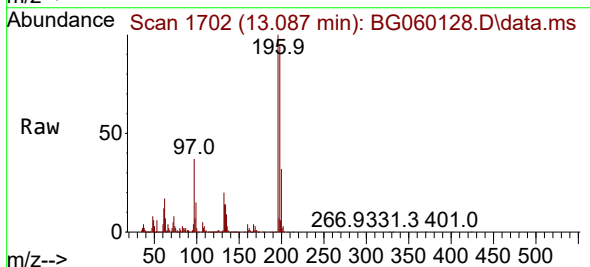
Ion Ratio Lower Upper

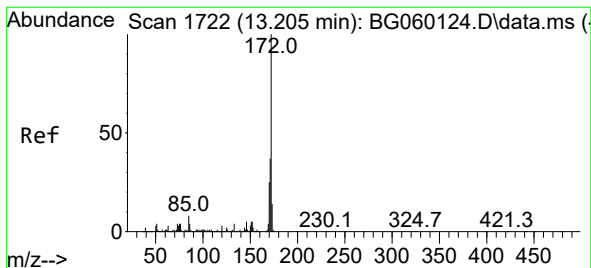
196 100

198 95.0 76.2 114.4

97 37.5 36.5 54.7

132 20.0 18.0 27.0

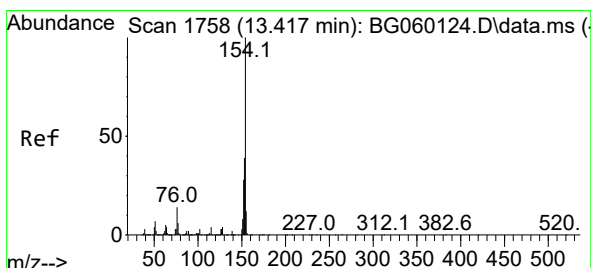
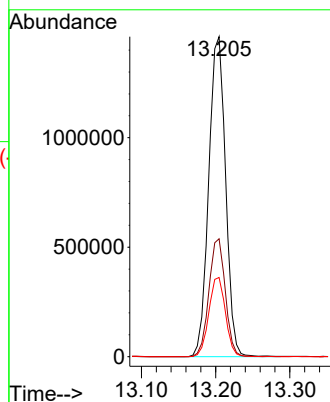
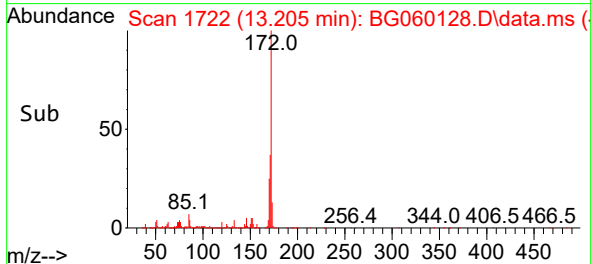
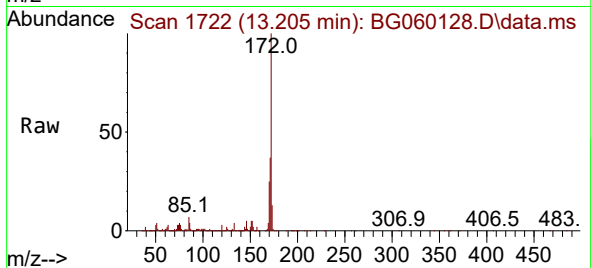




#45
2-Fluorobiphenyl
Concen: 79.516 ng
RT: 13.205 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

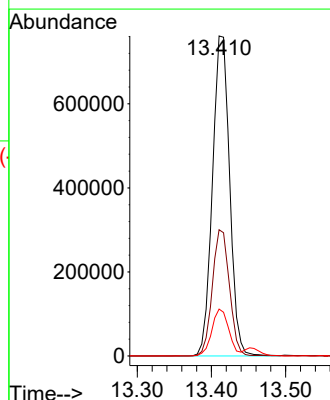
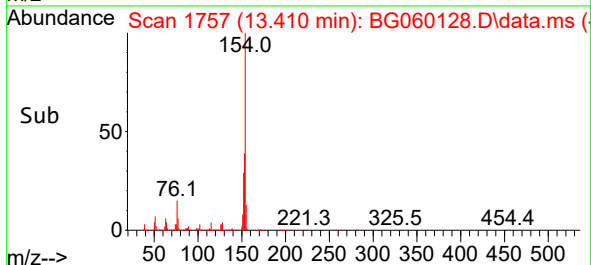
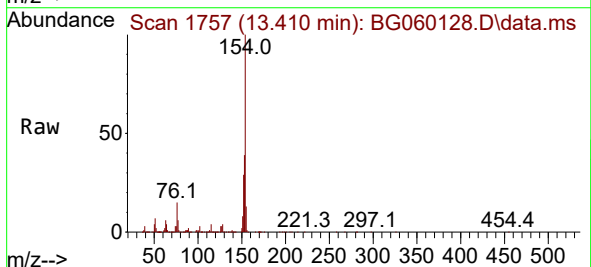
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

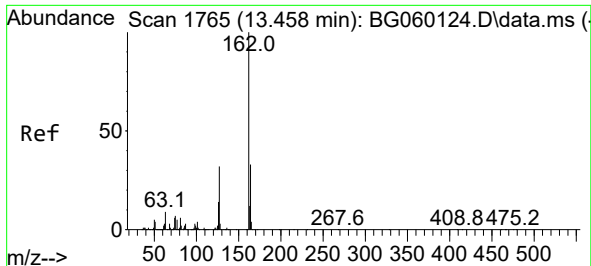
Tgt Ion:172 Resp: 2308519
Ion Ratio Lower Upper
172 100
171 36.8 29.2 43.8
170 24.7 20.1 30.1



#46
1,1'-Biphenyl
Concen: 38.719 ng
RT: 13.410 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:154 Resp: 1226435
Ion Ratio Lower Upper
154 100
153 39.4 19.4 59.4
76 14.6 0.0 34.1

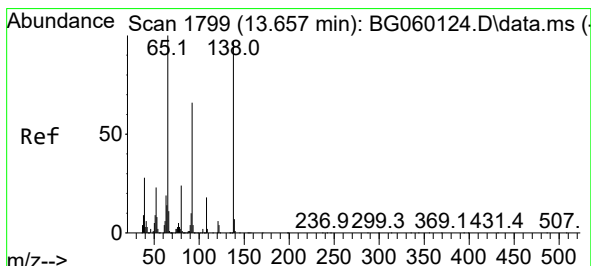
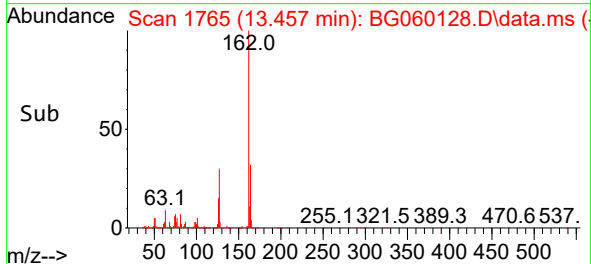
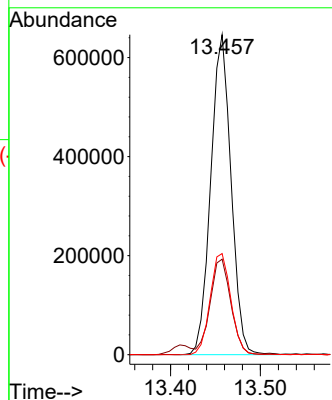
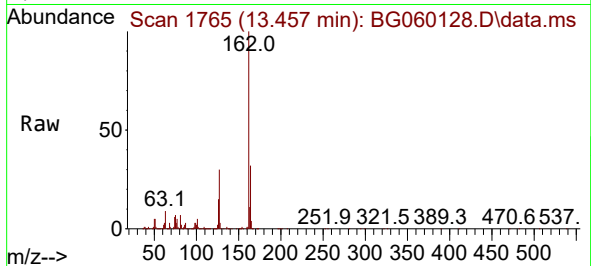




#47
2-Chloronaphthalene
Concen: 39.072 ng
RT: 13.457 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

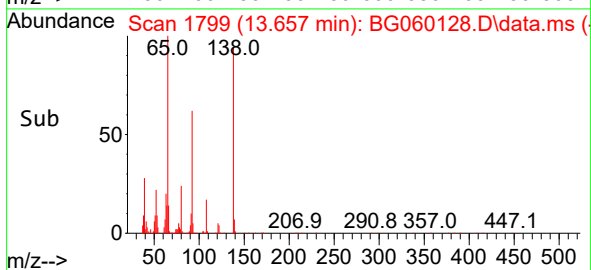
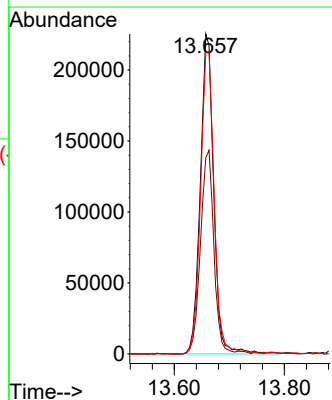
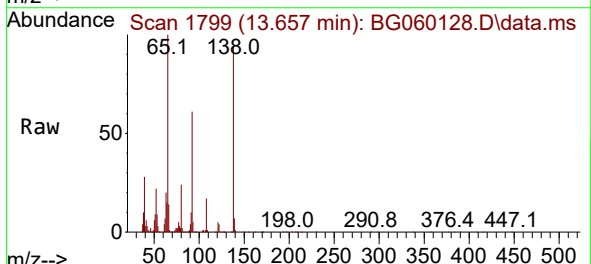
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

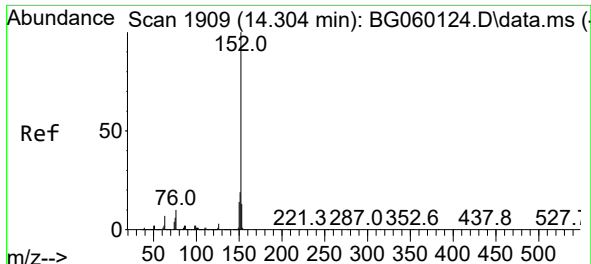
Tgt Ion:162 Resp: 1014810
Ion Ratio Lower Upper
162 100
127 29.8 25.5 38.3
164 31.6 26.2 39.4



#48
2-Nitroaniline
Concen: 44.948 ng
RT: 13.657 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion: 65 Resp: 380884
Ion Ratio Lower Upper
65 100
92 61.3 52.6 78.8
138 94.0 77.4 116.0

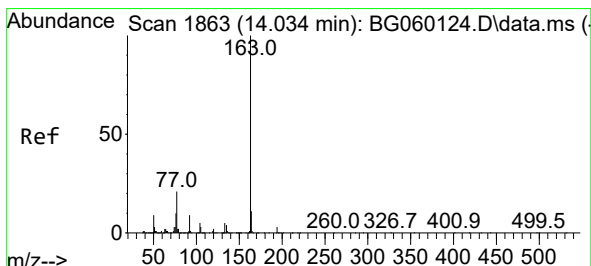
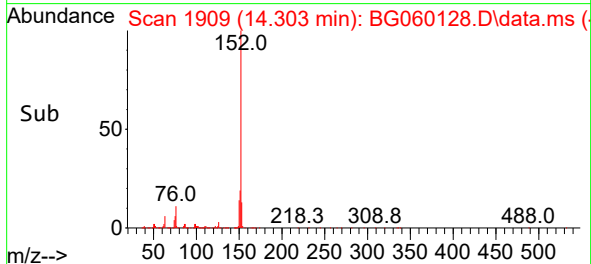
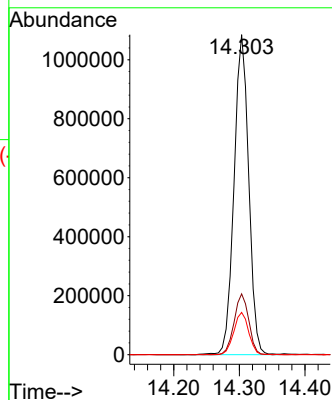
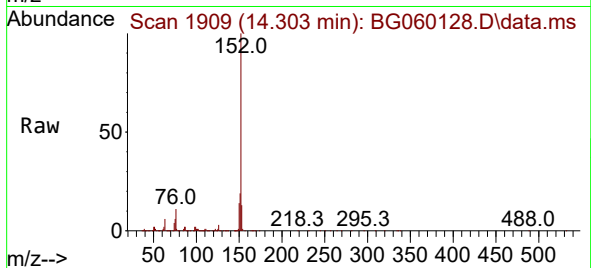




#49
Acenaphthylene
Concen: 41.516 ng
RT: 14.303 min Scan# 1909
Delta R.T. -0.001 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

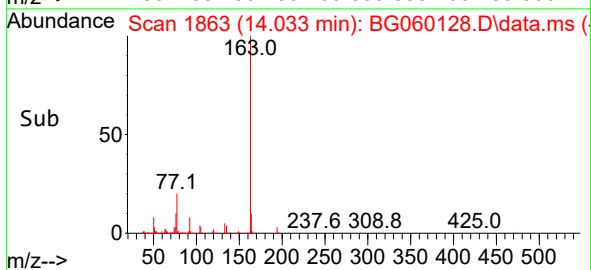
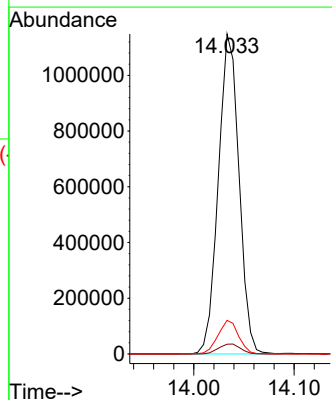
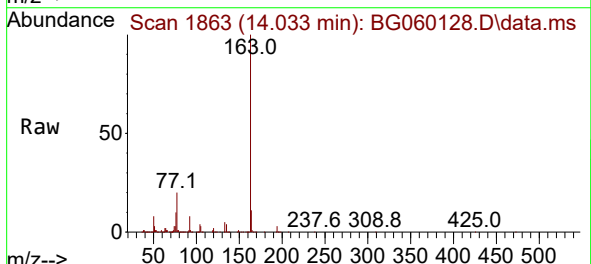
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

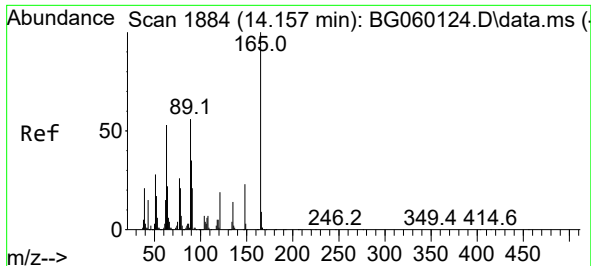
Tgt Ion:152 Resp: 1685446
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9
153 13.2 10.7 16.1



#50
Dimethylphthalate
Concen: 42.840 ng
RT: 14.033 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:163 Resp: 1642584
Ion Ratio Lower Upper
163 100
194 3.1 2.4 3.6
164 10.5 9.0 13.6

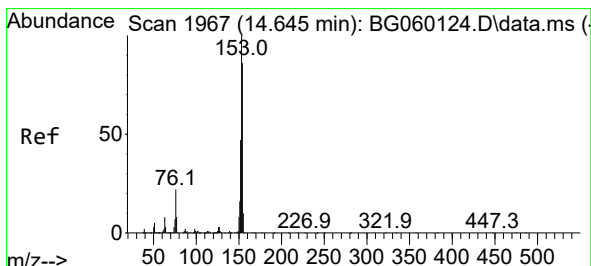
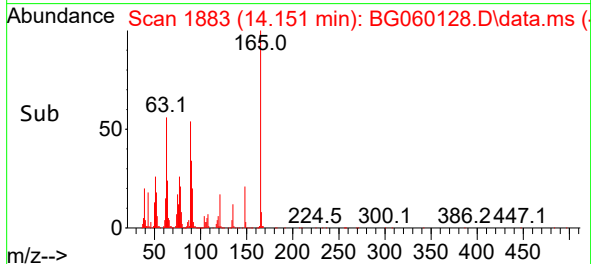
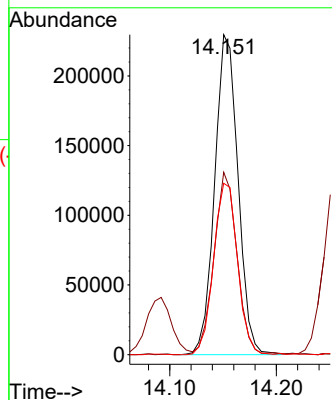
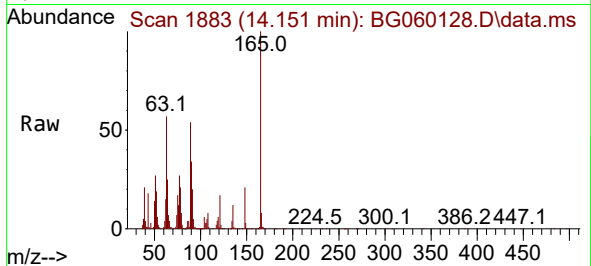




#51
2,6-Dinitrotoluene
Concen: 45.447 ng
RT: 14.151 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

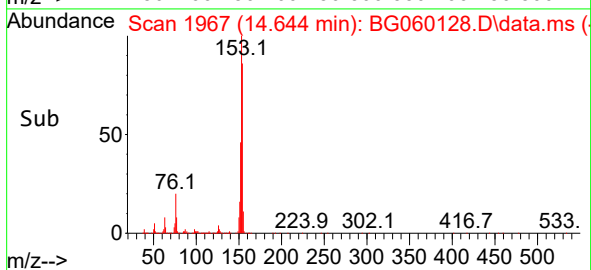
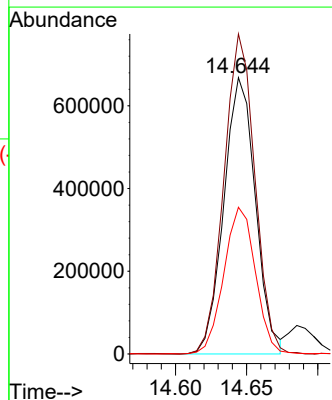
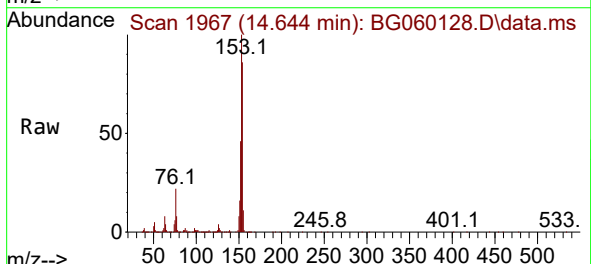
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

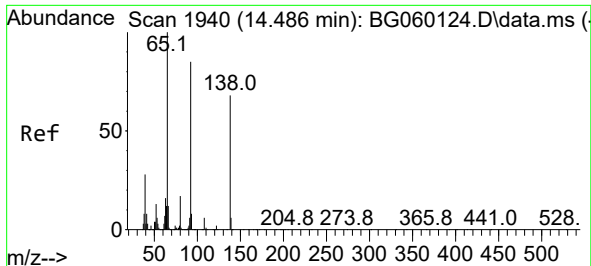
Tgt Ion:165 Resp: 348570
Ion Ratio Lower Upper
165 100
63 57.0 45.4 68.2
89 53.6 44.6 66.8



#52
Acenaphthene
Concen: 41.509 ng
RT: 14.644 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:154 Resp: 1036354
Ion Ratio Lower Upper
154 100
153 115.8 92.9 139.3
152 53.1 43.3 64.9

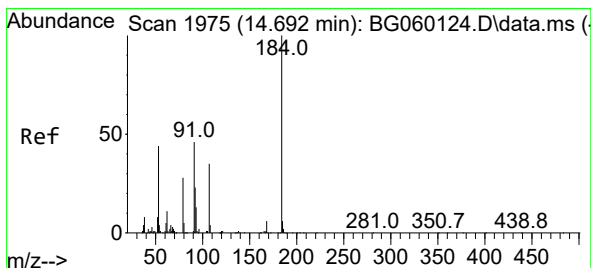
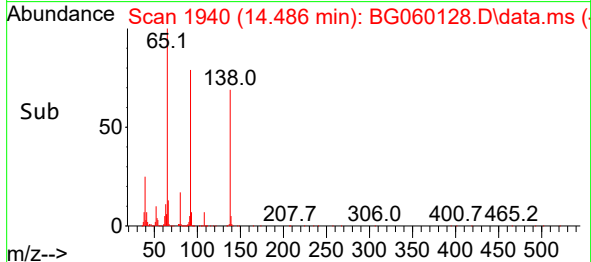
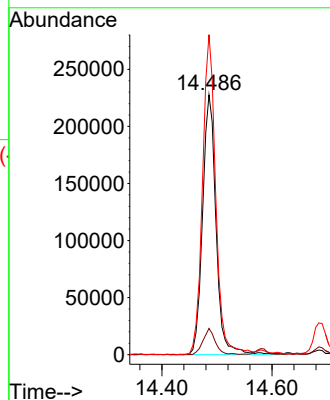
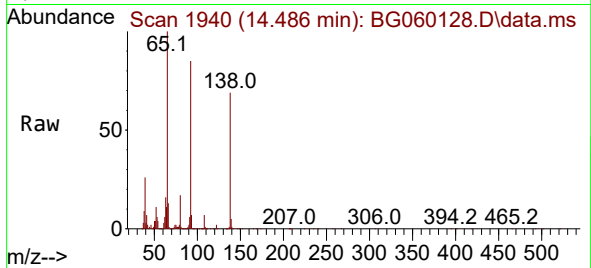




#53
3-Nitroaniline
Concen: 47.549 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

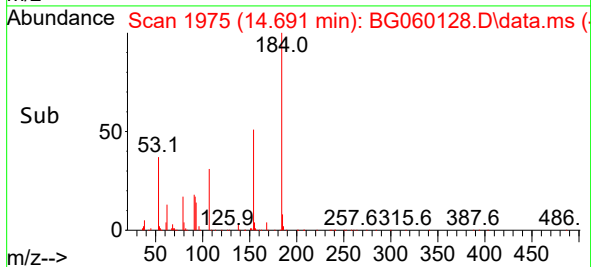
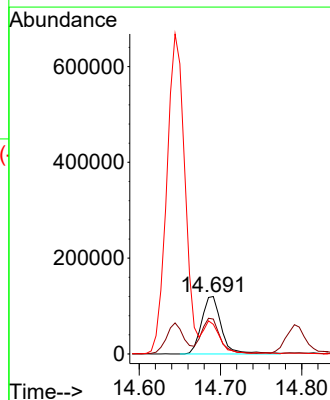
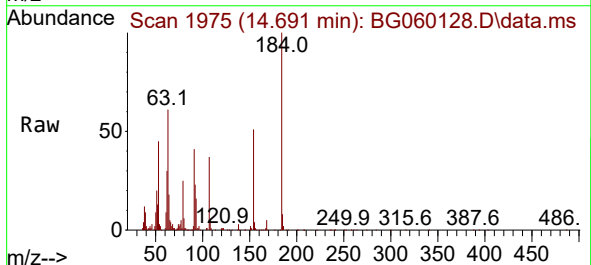
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

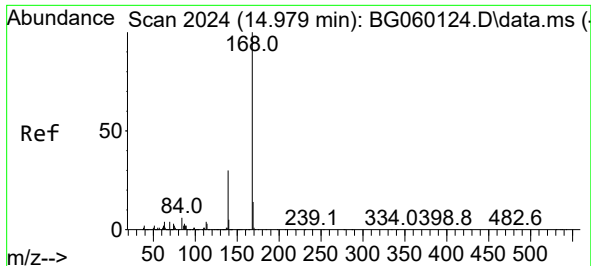
Tgt Ion:138 Resp: 387446
Ion Ratio Lower Upper
138 100
108 10.1 7.4 11.2
92 123.1 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 43.423 ng
RT: 14.691 min Scan# 1975
Delta R.T. -0.001 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:184 Resp: 203014
Ion Ratio Lower Upper
184 100
63 60.6 48.1 72.1
154 51.5 44.3 66.5

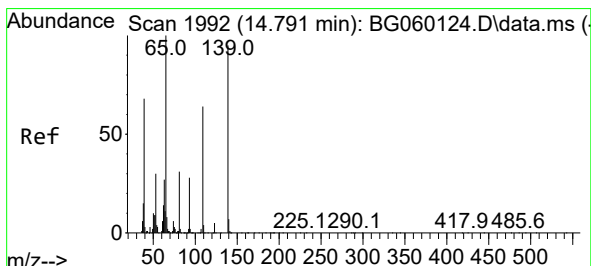
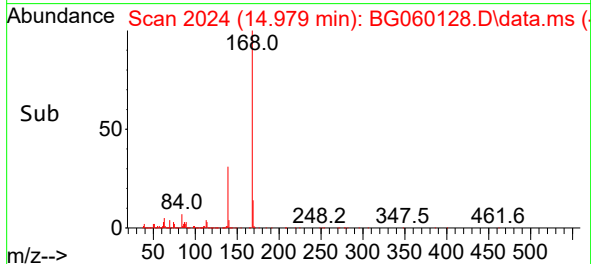
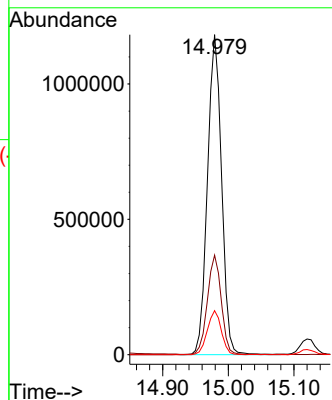
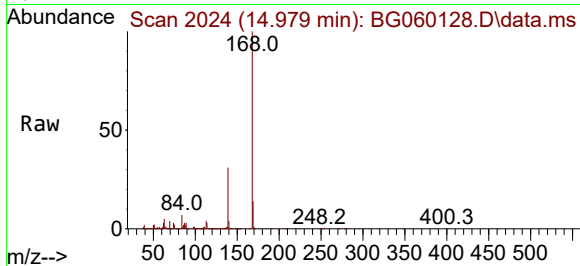




#55
Dibenzofuran
Concen: 42.043 ng
RT: 14.979 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

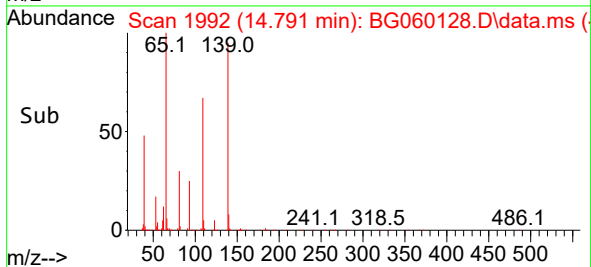
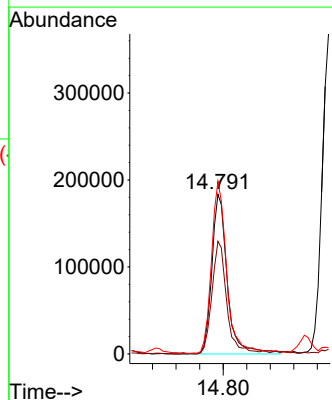
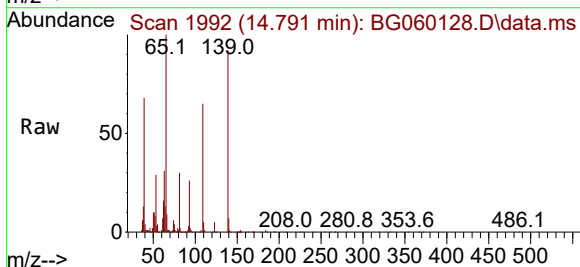
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

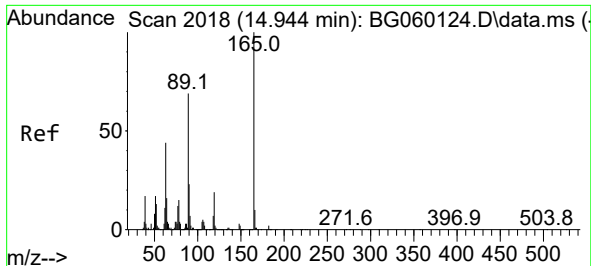
Tgt Ion:168 Resp: 1767889
Ion Ratio Lower Upper
168 100
139 31.1 24.2 36.2
169 13.7 11.1 16.7



#56
4-Nitrophenol
Concen: 49.596 ng
RT: 14.791 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:139 Resp: 335514
Ion Ratio Lower Upper
139 100
109 70.5 47.6 87.6
65 108.2 86.1 126.1





#57

2,4-Dinitrotoluene

Concen: 48.155 ng

RT: 14.944 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123

Tgt Ion:165 Resp: 542155

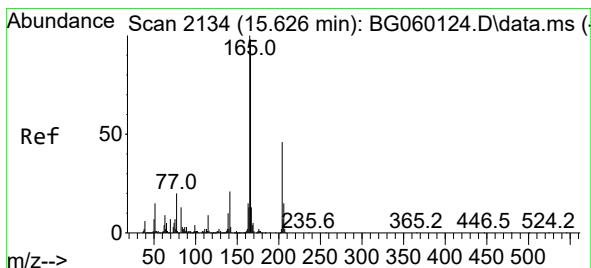
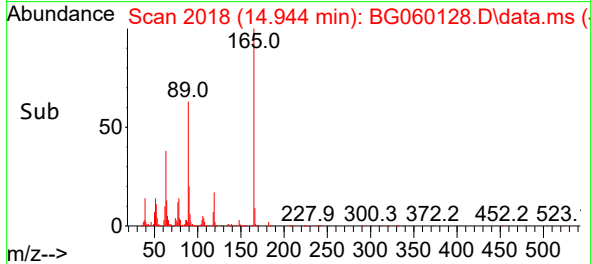
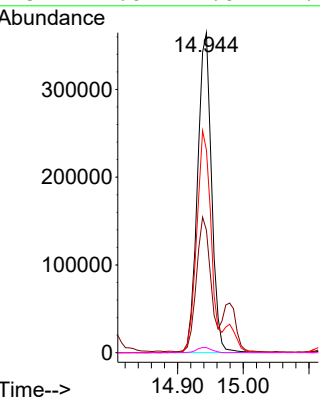
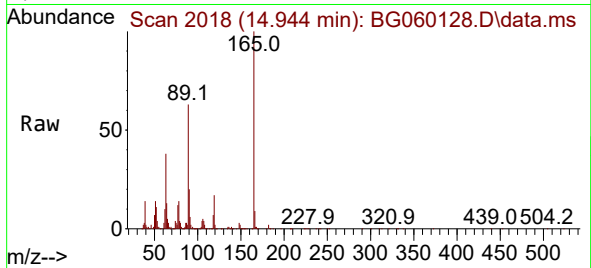
Ion Ratio Lower Upper

165 100

63 38.2 35.4 53.0

89 63.3 55.6 83.4

182 1.6 1.6 2.4



#58

Fluorene

Concen: 43.560 ng

RT: 15.631 min Scan# 2135

Delta R.T. 0.006 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

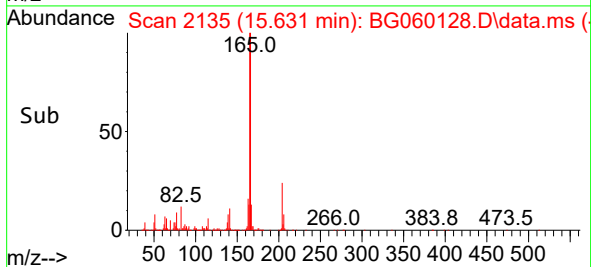
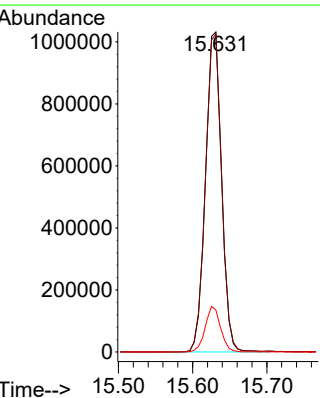
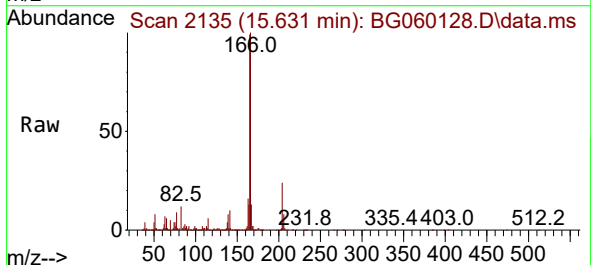
Tgt Ion:166 Resp: 1549738

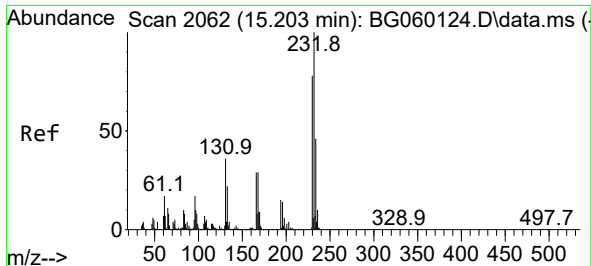
Ion Ratio Lower Upper

166 100

165 99.5 82.0 123.0

167 13.1 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.160 ng

RT: 15.202 min Scan# 2062

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123

Tgt Ion:232 Resp: 391677

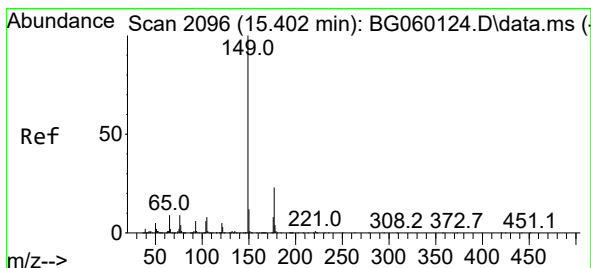
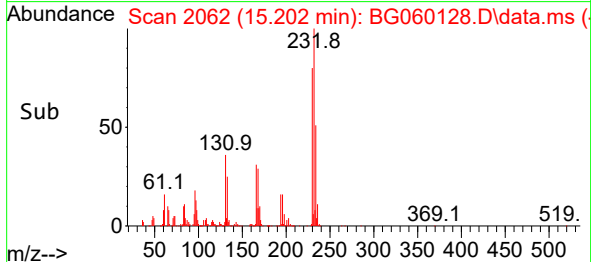
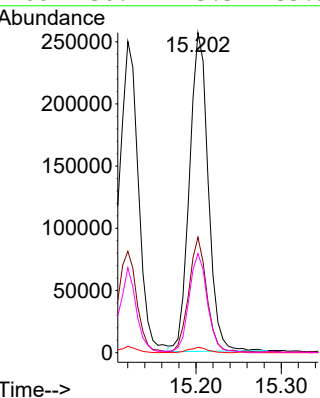
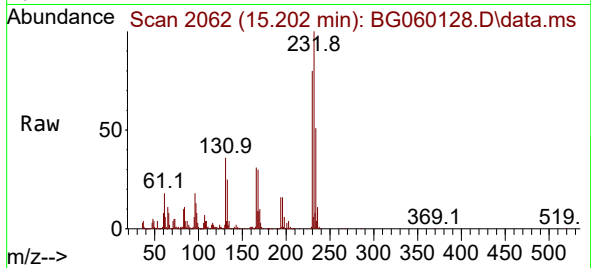
Ion Ratio Lower Upper

232 100

131 34.1 29.7 44.5

130 1.7 1.4 2.0

166 30.4 23.5 35.3



#60

Diethylphthalate

Concen: 44.934 ng

RT: 15.396 min Scan# 2095

Delta R.T. -0.006 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

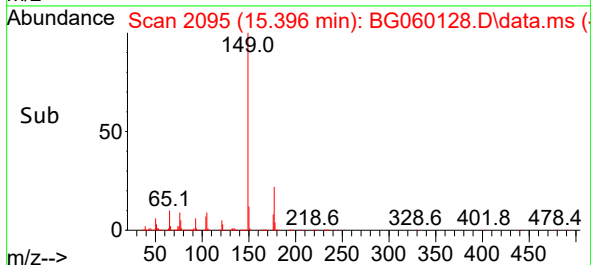
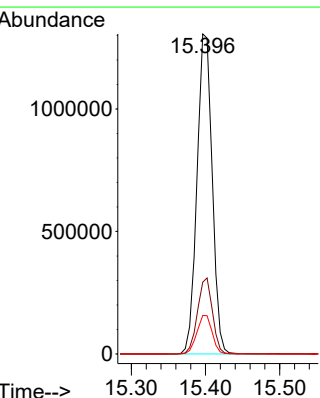
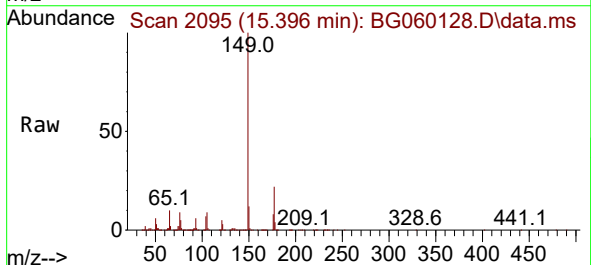
Tgt Ion:149 Resp: 1861010

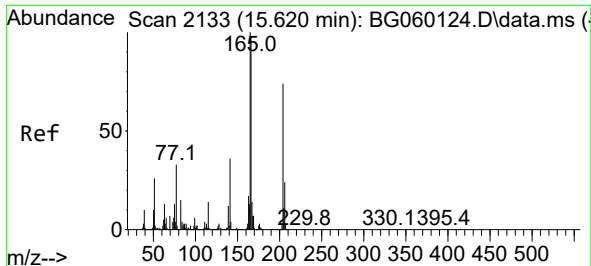
Ion Ratio Lower Upper

149 100

177 22.5 18.2 27.4

150 12.0 9.5 14.3

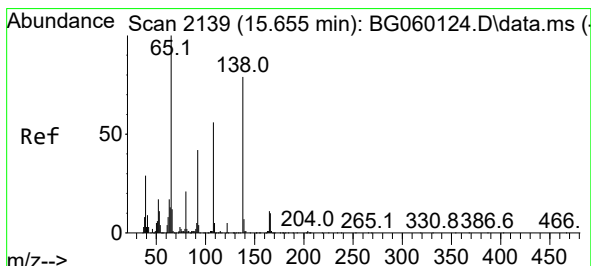
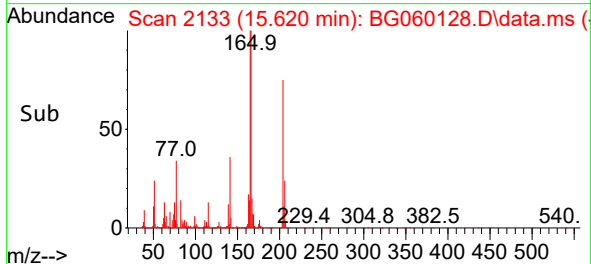
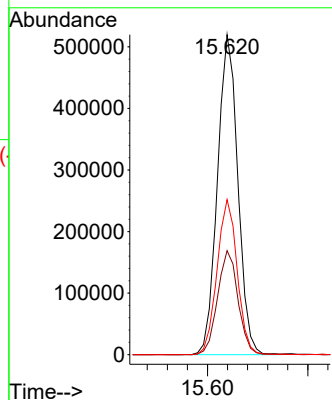
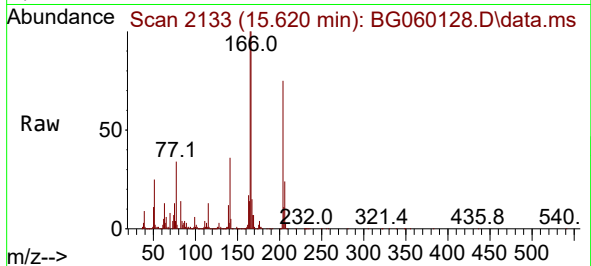




#61
4-Chlorophenyl-phenylether
Concen: 43.108 ng
RT: 15.620 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

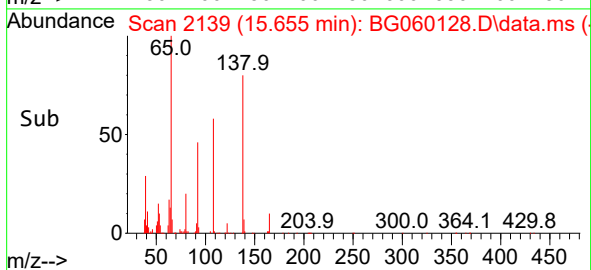
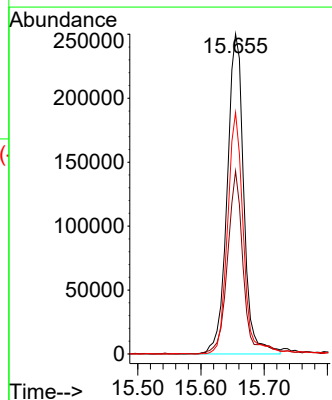
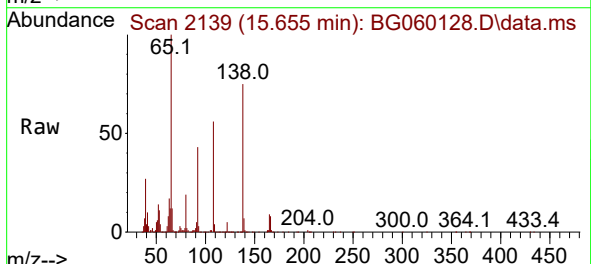
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

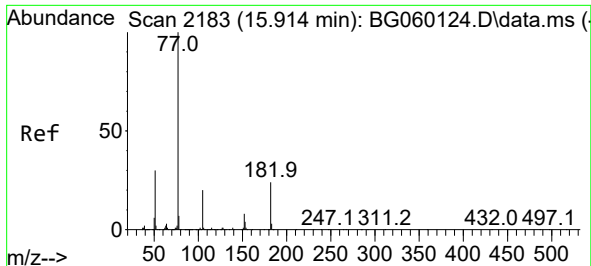
Tgt Ion:204 Resp: 731161
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 48.4 39.2 58.8



#62
4-Nitroaniline
Concen: 47.718 ng
RT: 15.655 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:138 Resp: 456442
Ion Ratio Lower Upper
138 100
92 57.1 33.6 73.6
108 75.4 50.9 90.9



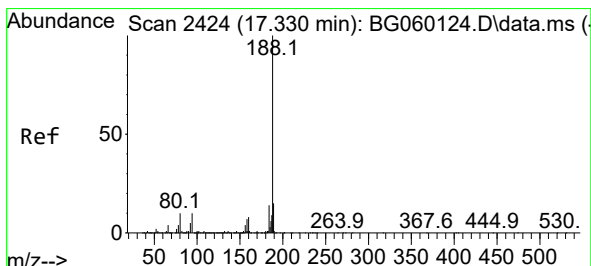
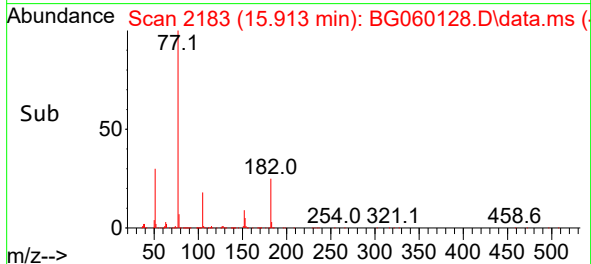
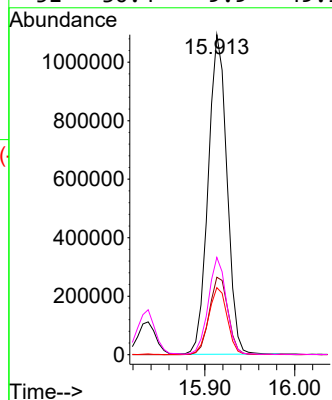
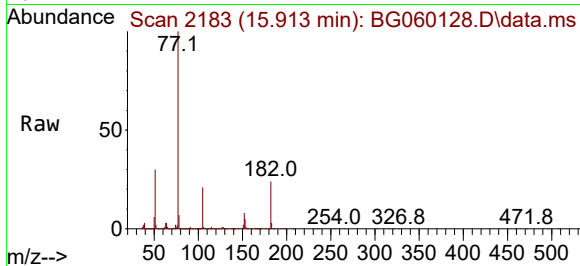


#63
Azobenzene
Concen: 42.871 ng
RT: 15.913 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Instrument :
BNA_G
ClientSampleId :
ICVBG122123

Tgt Ion: 77 Resp: 1584942

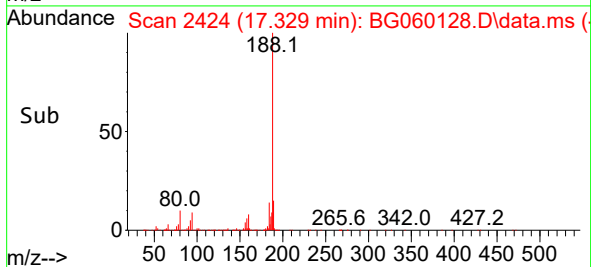
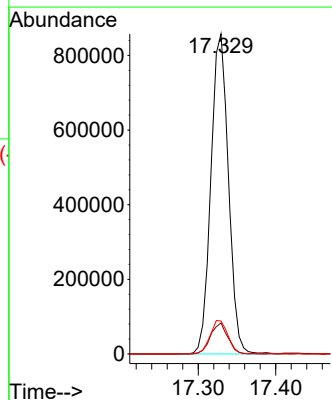
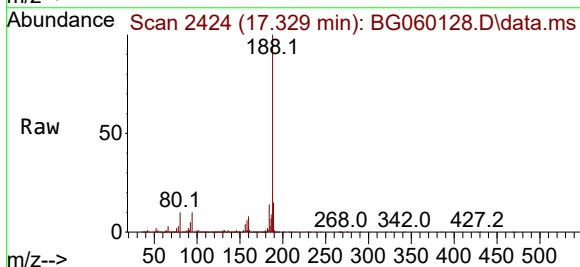
Ion	Ratio	Lower	Upper
77	100		
182	24.2	3.8	43.8
105	21.0	0.0	39.8
51	30.4	9.9	49.9

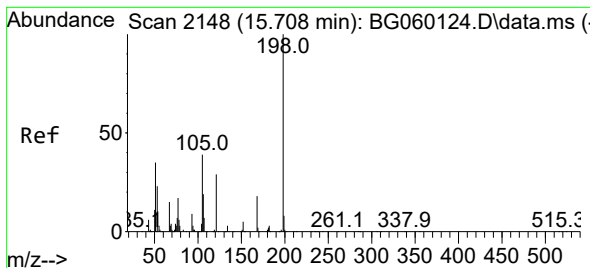


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.329 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:188 Resp: 1351519

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.6	11.4
80	10.3	7.9	11.9

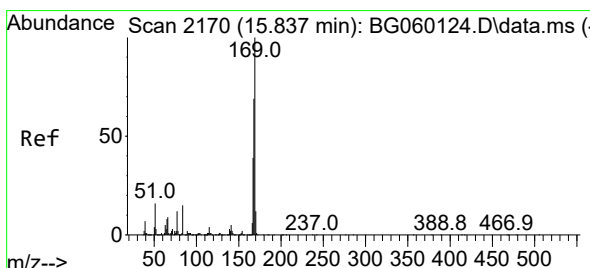
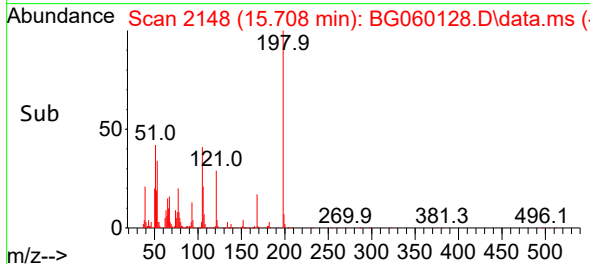
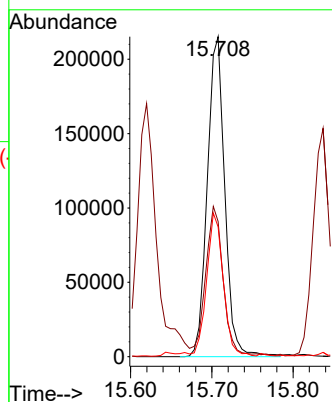
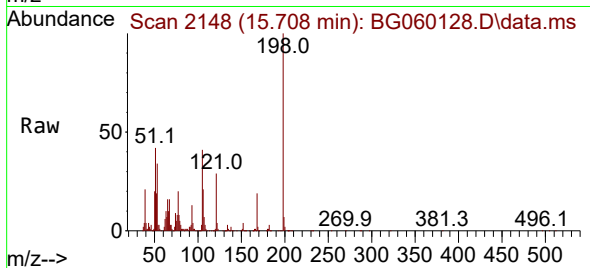




#65
4,6-Dinitro-2-methylphenol
Concen: 43.885 ng
RT: 15.708 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

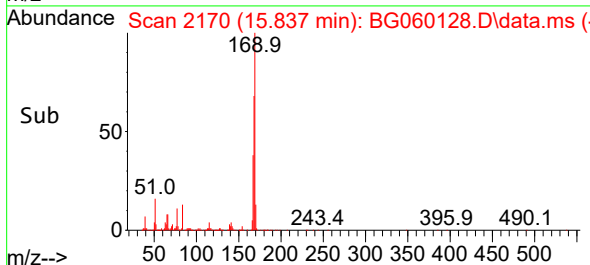
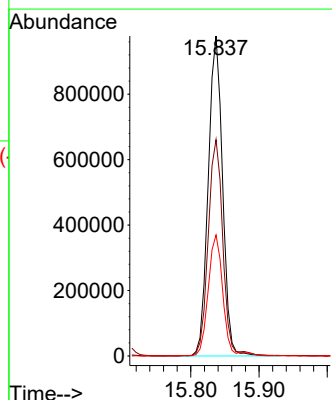
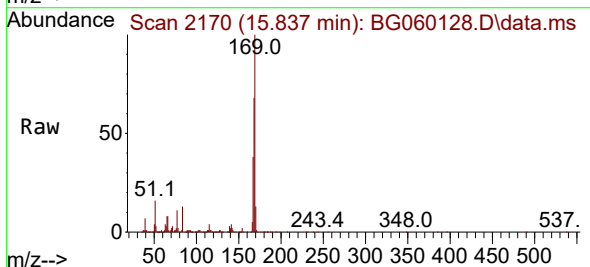
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

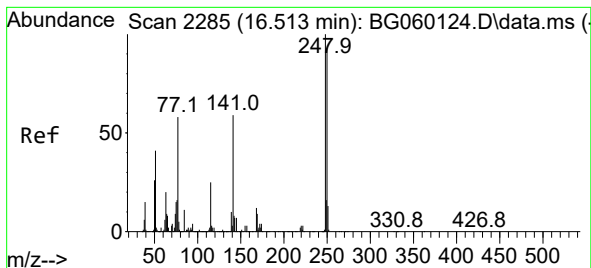
Tgt Ion:198 Resp: 320975
Ion Ratio Lower Upper
198 100
51 42.2 25.0 65.0
105 40.5 20.1 60.1



#66
n-Nitrosodiphenylamine
Concen: 40.125 ng
RT: 15.837 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:169 Resp: 1430388
Ion Ratio Lower Upper
169 100
168 67.6 55.0 82.4
167 37.8 31.0 46.6

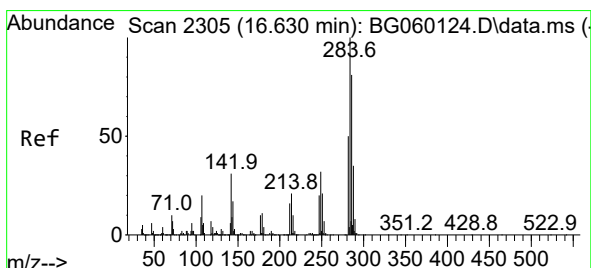
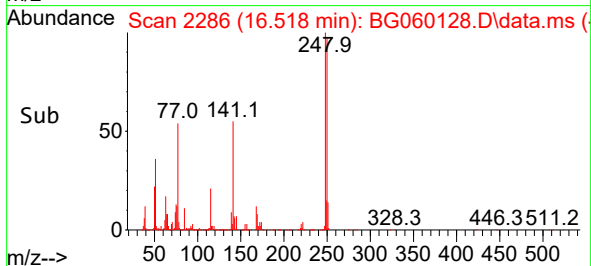
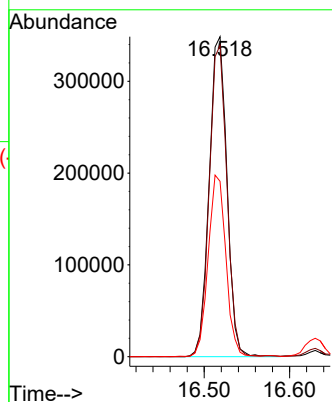
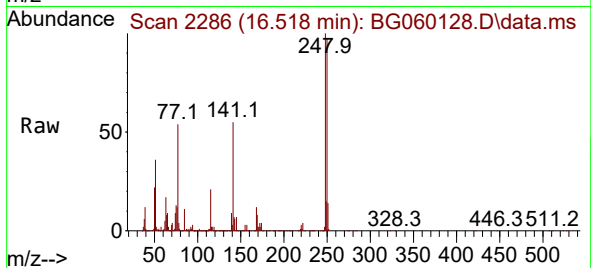




#67
4-Bromophenyl-phenylether
Concen: 39.622 ng
RT: 16.518 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

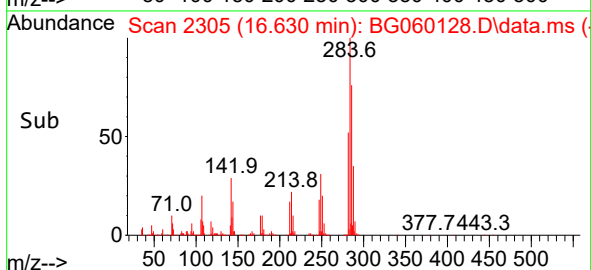
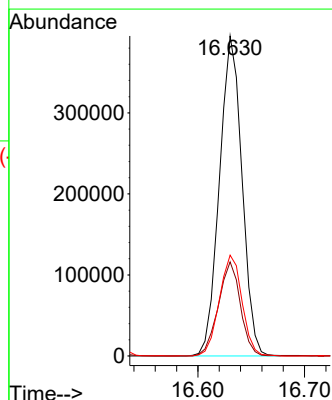
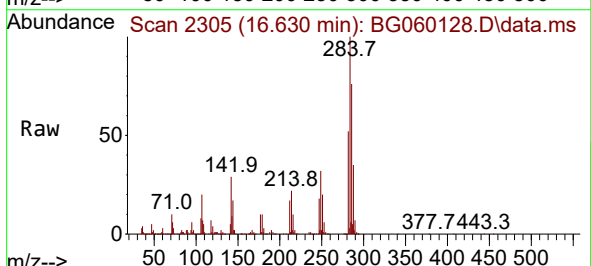
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

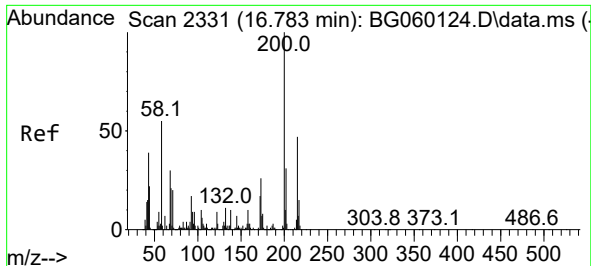
Tgt Ion:248 Resp: 504484
Ion Ratio Lower Upper
248 100
250 97.3 74.5 111.7
141 54.8 47.4 71.0



#68
Hexachlorobenzene
Concen: 39.739 ng
RT: 16.630 min Scan# 2305
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:284 Resp: 579371
Ion Ratio Lower Upper
284 100
142 29.4 24.7 37.1
249 31.5 25.8 38.8

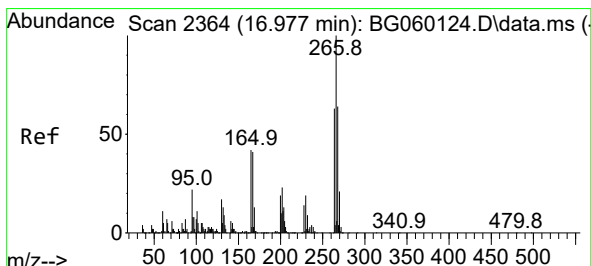
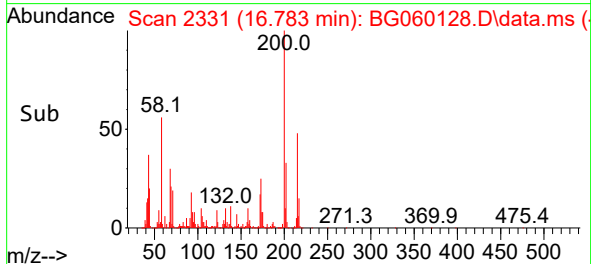
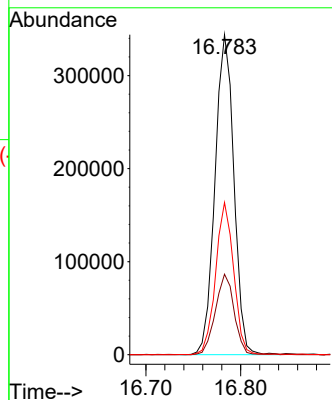
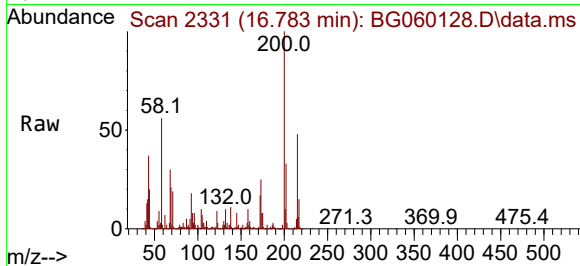




#69
 Atrazine
 Concen: 35.888 ng
 RT: 16.783 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG060128.D
 Acq: 21 Dec 2023 18:49

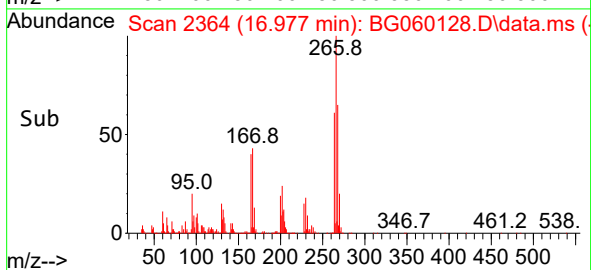
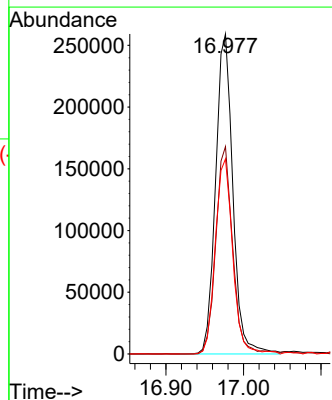
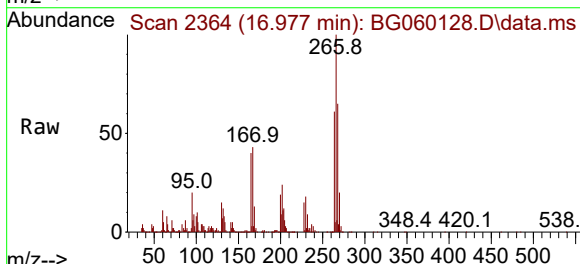
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG122123

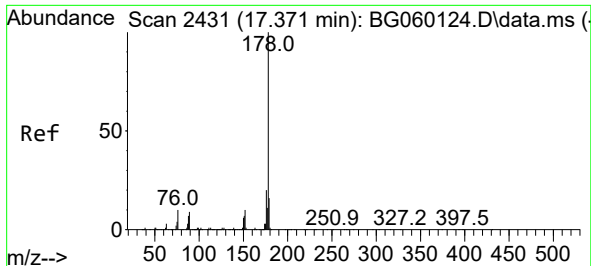
Tgt Ion:200 Resp: 476078
 Ion Ratio Lower Upper
 200 100
 173 25.2 6.5 46.5
 215 47.5 26.5 66.5



#70
 Pentachlorophenol
 Concen: 44.451 ng
 RT: 16.977 min Scan# 2364
 Delta R.T. -0.000 min
 Lab File: BG060128.D
 Acq: 21 Dec 2023 18:49

Tgt Ion:266 Resp: 401223
 Ion Ratio Lower Upper
 266 100
 268 64.8 54.2 81.4
 264 61.0 50.0 75.0

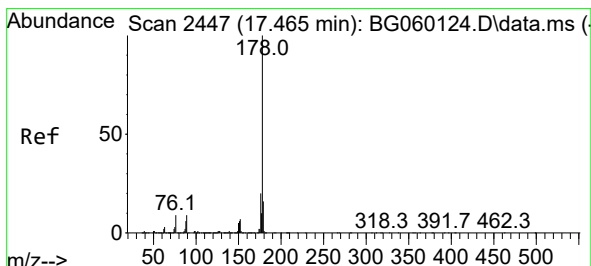
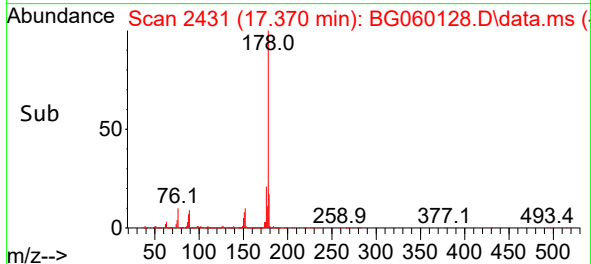
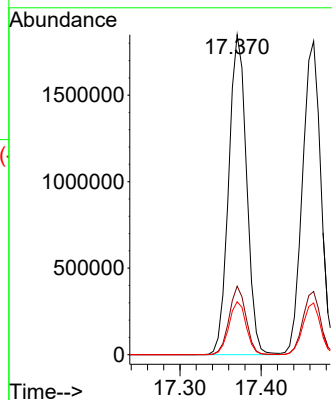
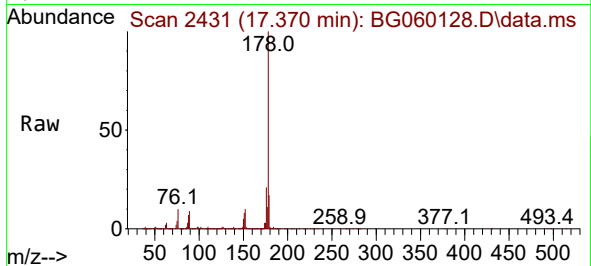




#71
Phenanthrene
Concen: 41.543 ng
RT: 17.370 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

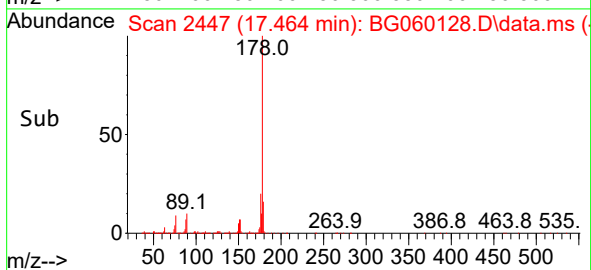
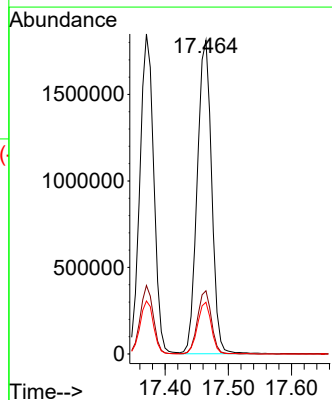
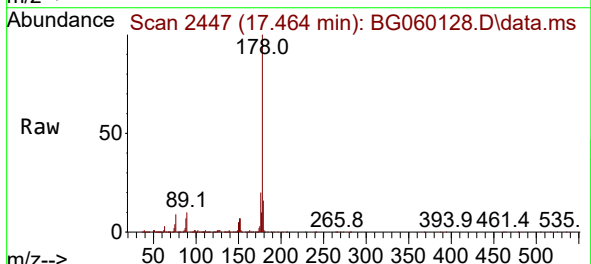
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

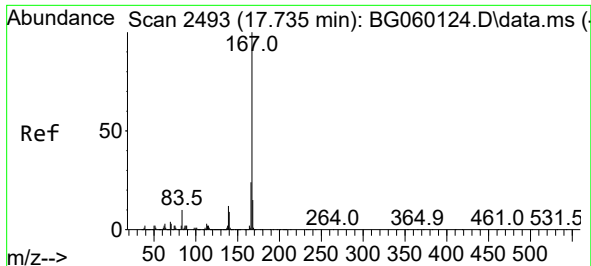
Tgt Ion:178 Resp: 2829014
Ion Ratio Lower Upper
178 100
176 21.4 16.0 24.0
179 16.5 13.2 19.8



#72
Anthracene
Concen: 41.775 ng
RT: 17.464 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:178 Resp: 2863772
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 16.5 12.6 19.0

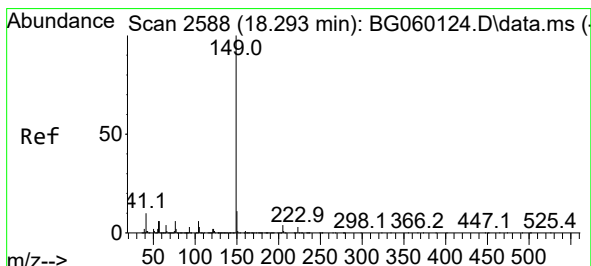
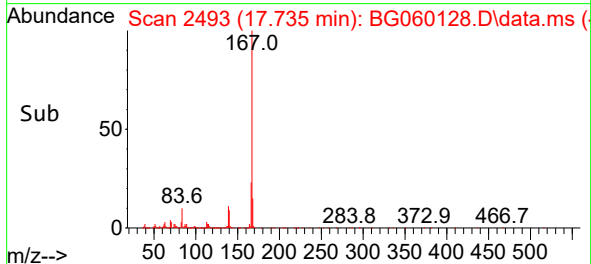
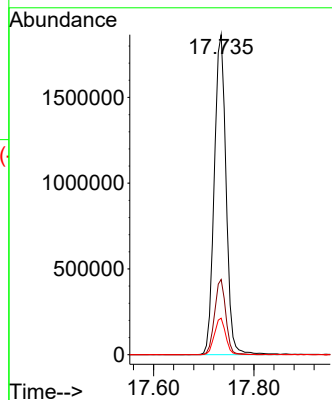
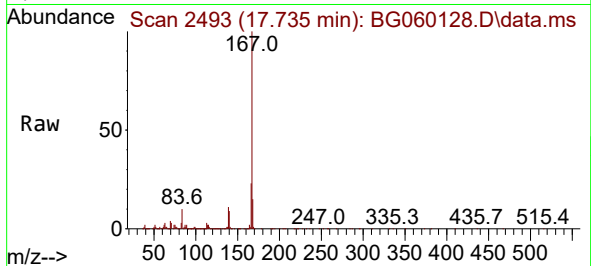




#73
 Carbazole
 Concen: 41.767 ng
 RT: 17.735 min Scan# 2493
 Delta R.T. -0.000 min
 Lab File: BG060128.D
 Acq: 21 Dec 2023 18:49

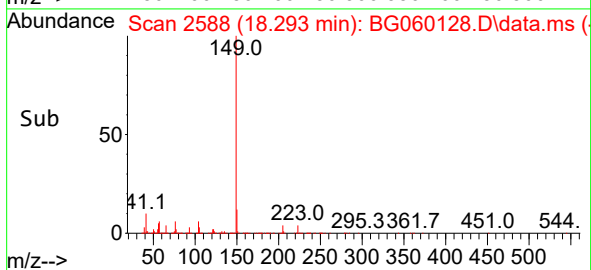
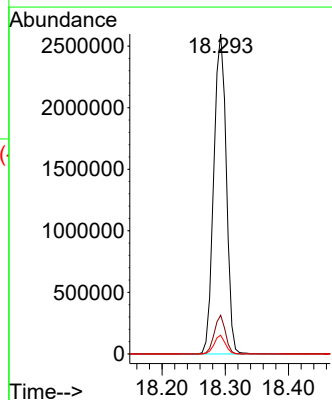
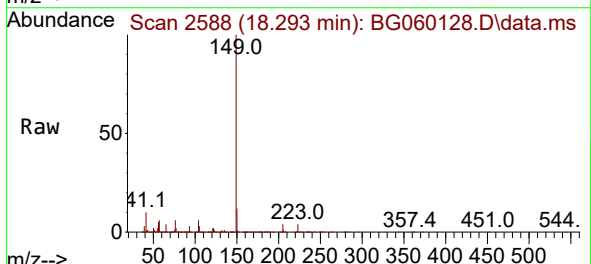
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG122123

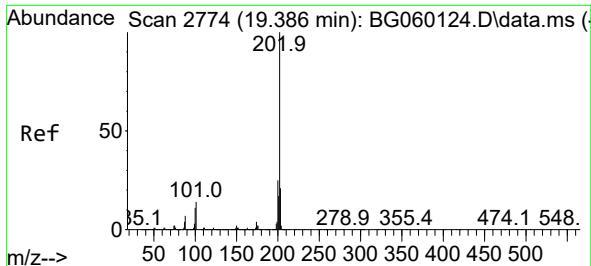
Tgt Ion:167 Resp: 3039767
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.0 28.6
 139 11.4 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 41.350 ng
 RT: 18.293 min Scan# 2588
 Delta R.T. -0.000 min
 Lab File: BG060128.D
 Acq: 21 Dec 2023 18:49

Tgt Ion:149 Resp: 3568277
 Ion Ratio Lower Upper
 149 100
 150 12.1 9.0 13.6
 104 5.9 4.6 6.8

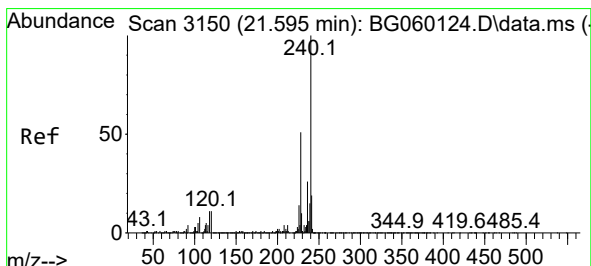
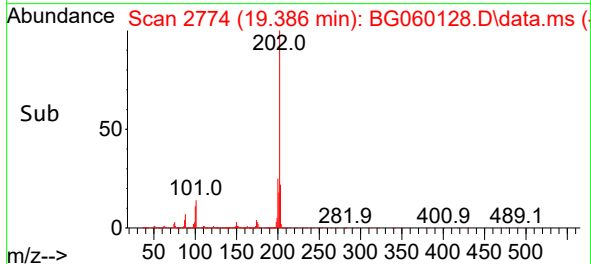
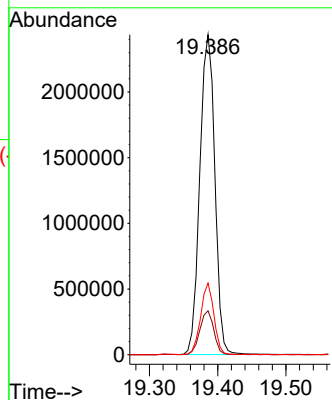
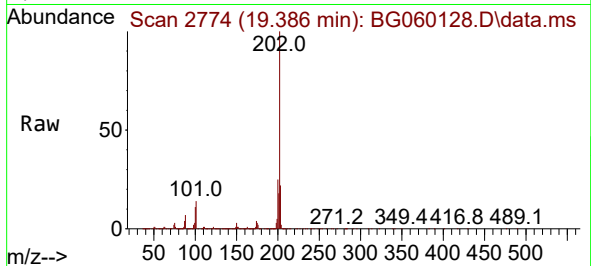




#75
Fluoranthene
Concen: 41.750 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

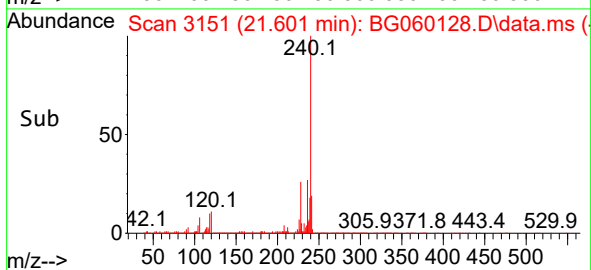
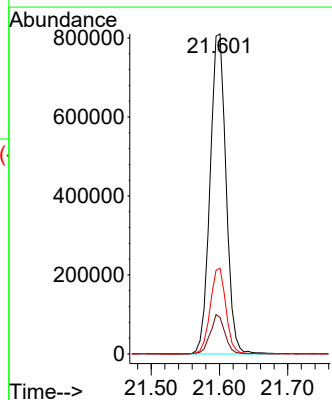
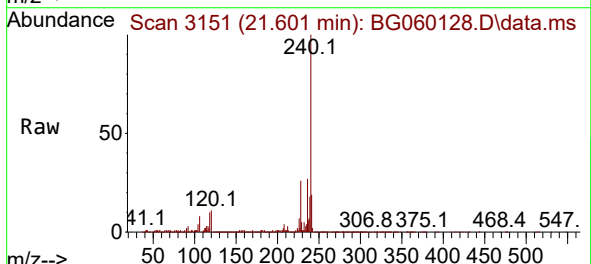
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

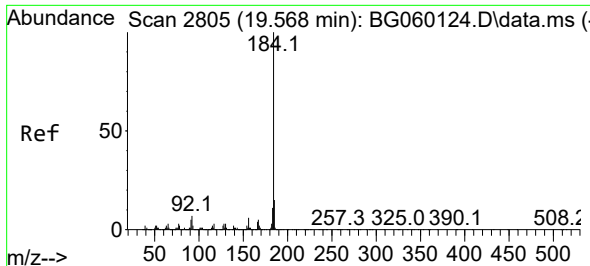
Tgt Ion:202 Resp: 3732309
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.7
203 22.4 1.0 41.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3151
Delta R.T. 0.006 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:240 Resp: 1321097
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.6
236 26.8 20.4 30.6

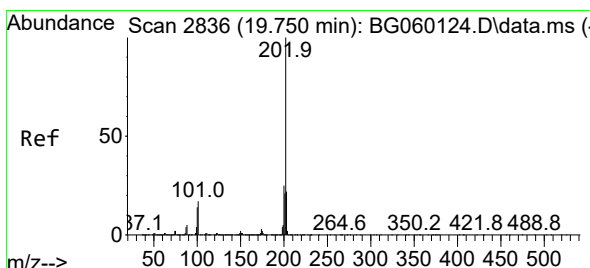
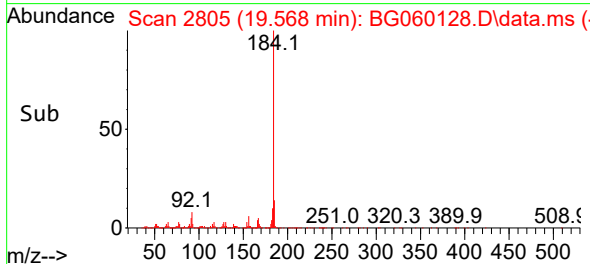
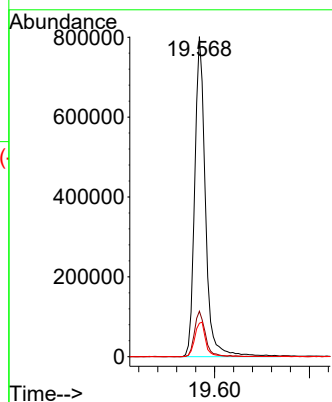
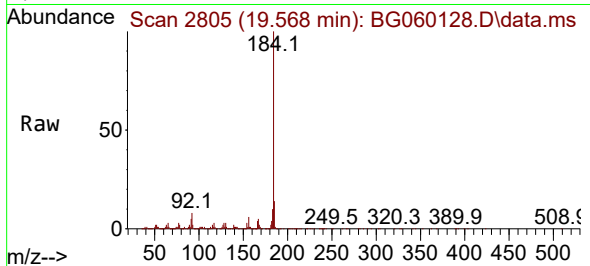




#77
Benzidine
Concen: 35.205 ng
RT: 19.568 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

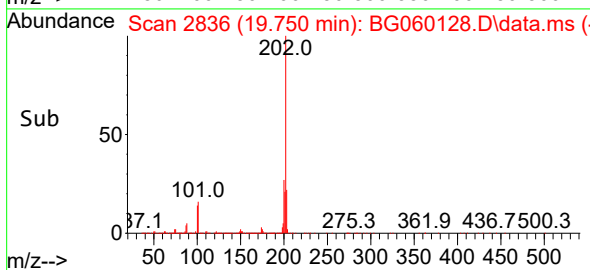
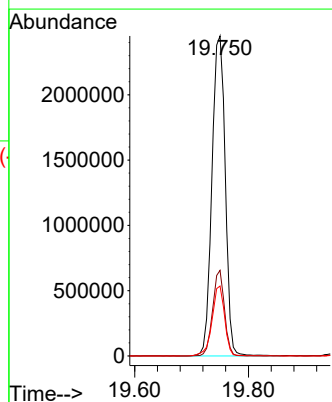
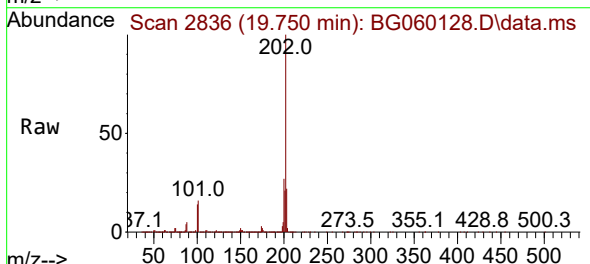
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

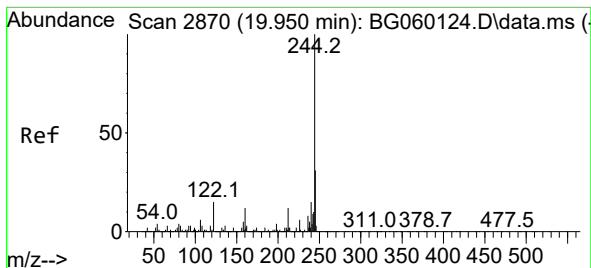
Tgt Ion:184 Resp: 1257503
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.5 9.0 13.6



#78
Pyrene
Concen: 39.211 ng
RT: 19.750 min Scan# 2836
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:202 Resp: 3954371
Ion Ratio Lower Upper
202 100
200 26.8 20.2 30.2
203 21.9 17.3 25.9





#79

Terphenyl-d14

Concen: 69.552 ng

RT: 19.950 min Scan# 2870

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123

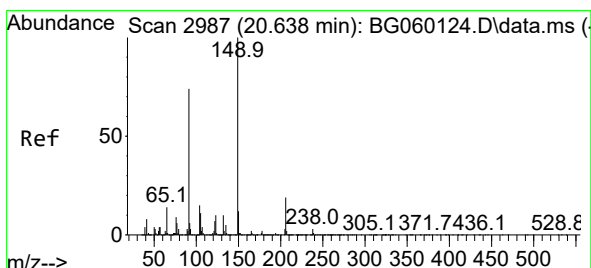
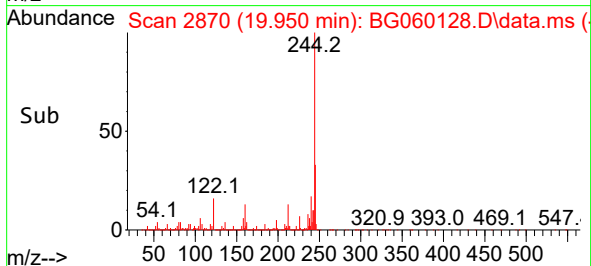
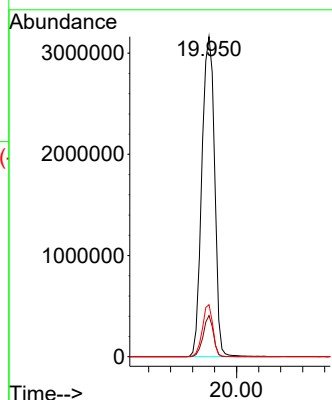
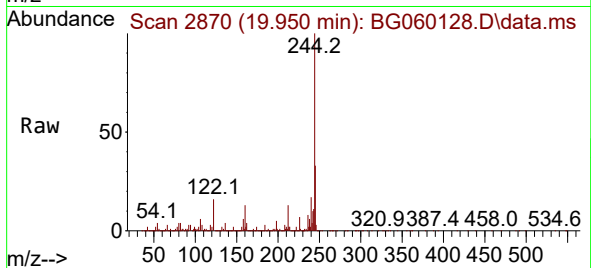
Tgt Ion:244 Resp: 5077800

Ion Ratio Lower Upper

244 100

212 12.9 9.5 14.3

122 16.3 12.2 18.4



#80

Butylbenzylphthalate

Concen: 44.517 ng

RT: 20.637 min Scan# 2987

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

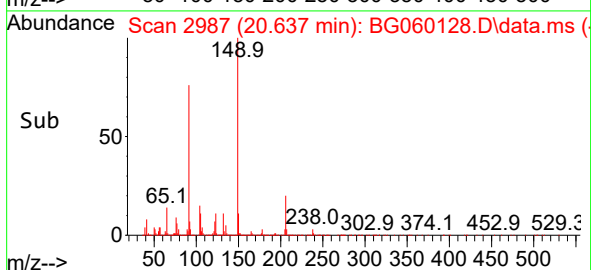
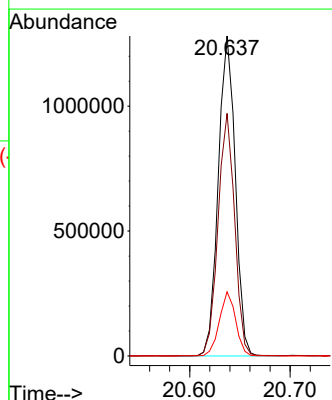
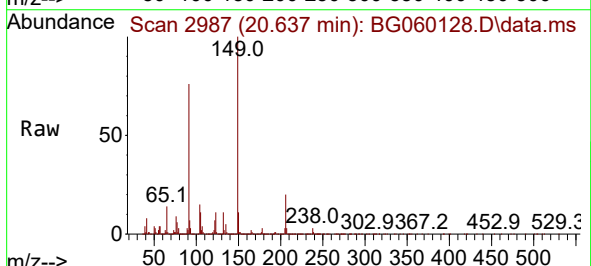
Tgt Ion:149 Resp: 1504710

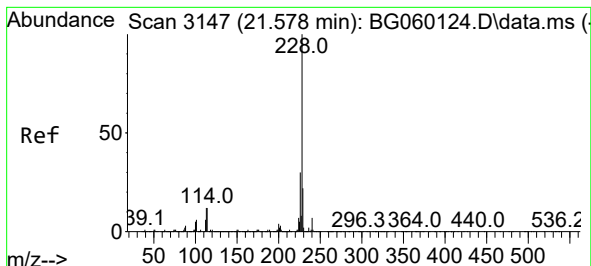
Ion Ratio Lower Upper

149 100

91 75.8 59.3 88.9

206 20.0 15.0 22.6





#81

Benzo(a)anthracene

Concen: 41.000 ng

RT: 21.577 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123

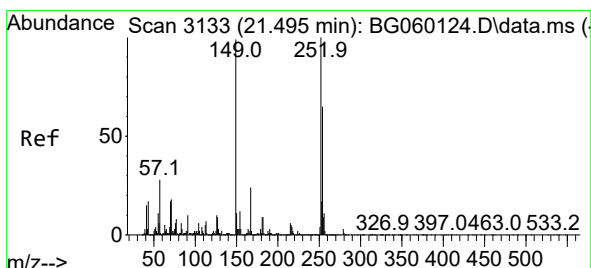
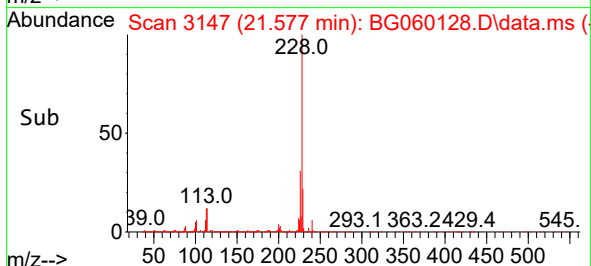
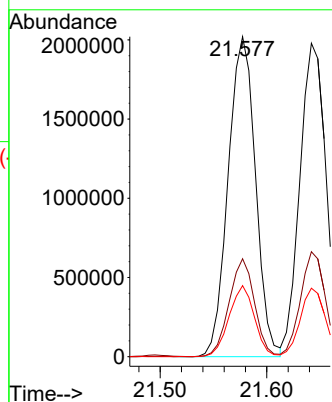
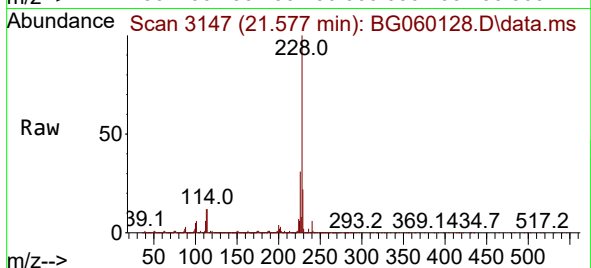
Tgt Ion:228 Resp: 3598851

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.6

229 22.2 17.4 26.0



#82

3,3'-Dichlorobenzidine

Concen: 40.621 ng

RT: 21.495 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

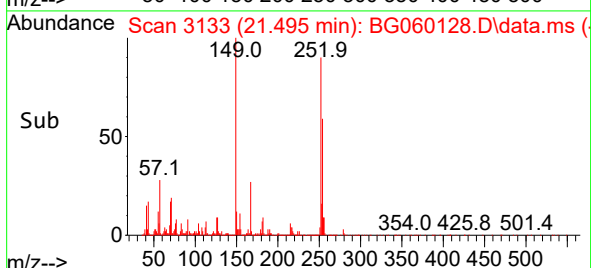
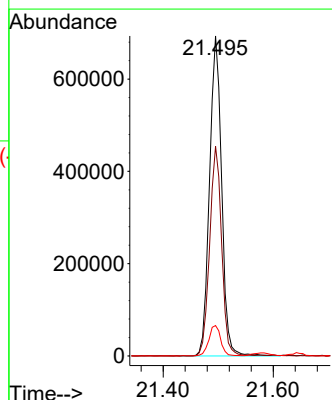
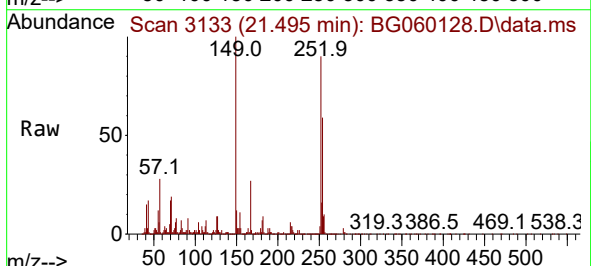
Tgt Ion:252 Resp: 1057082

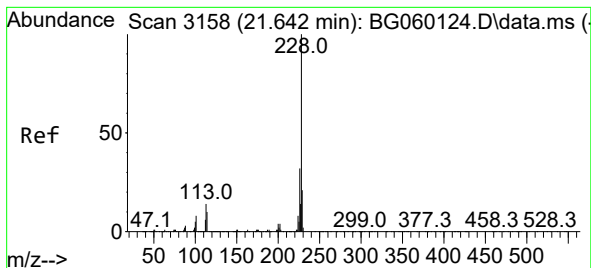
Ion Ratio Lower Upper

252 100

254 65.5 51.6 77.4

126 9.5 8.1 12.1





#83

Chrysene

Concen: 41.240 ng

RT: 21.642 min Scan# 3158

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123

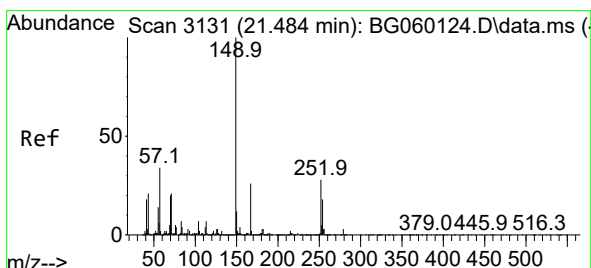
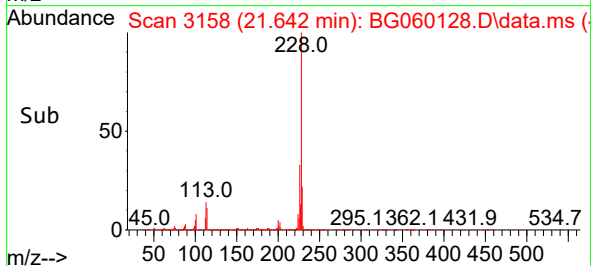
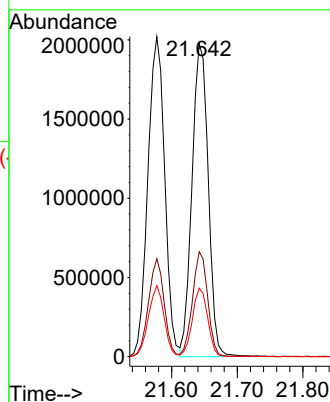
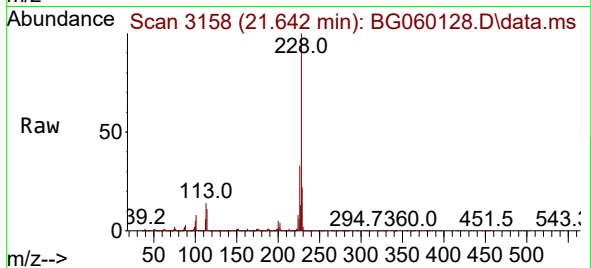
Tgt Ion:228 Resp: 3398751

Ion Ratio Lower Upper

228 100

226 33.5 25.7 38.5

229 21.8 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.626 ng

RT: 21.483 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

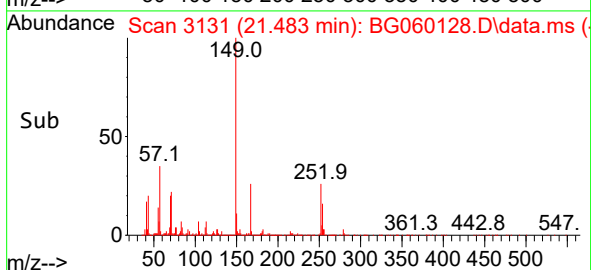
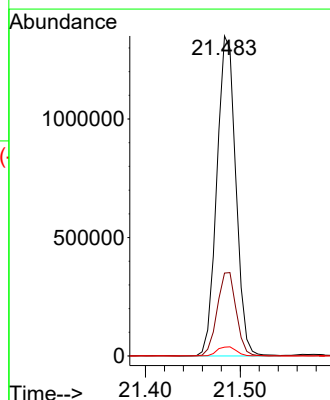
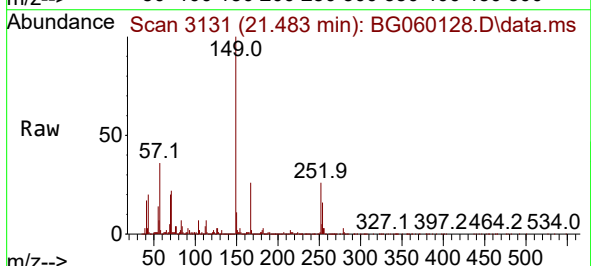
Tgt Ion:149 Resp: 1875214

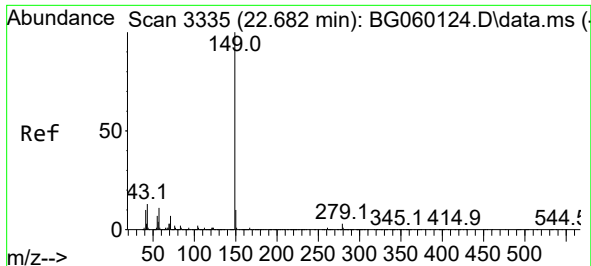
Ion Ratio Lower Upper

149 100

167 25.9 20.5 30.7

279 2.8 2.1 3.1

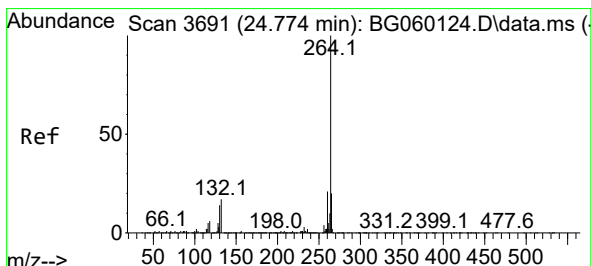
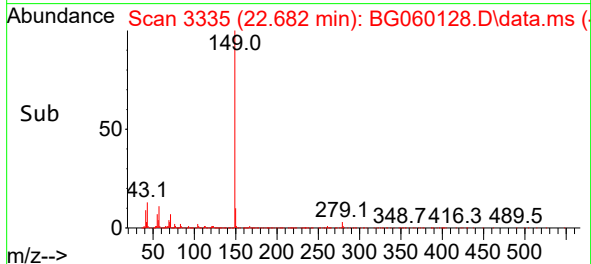
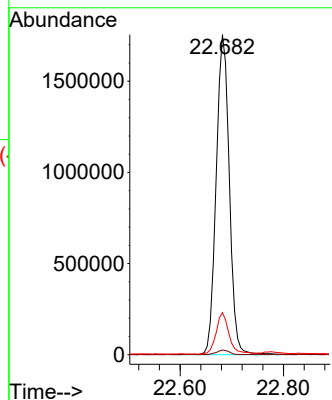
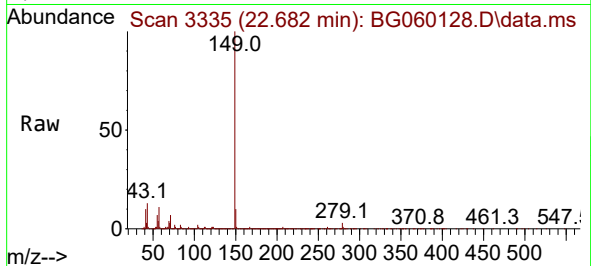




#85
Di-n-octyl phthalate
Concen: 41.155 ng
RT: 22.682 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

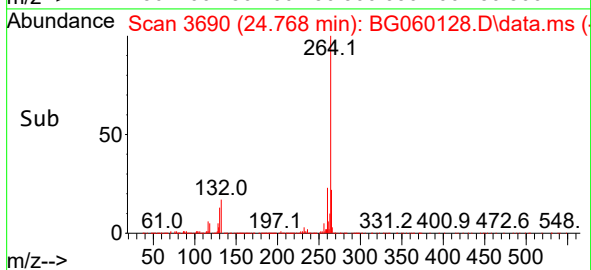
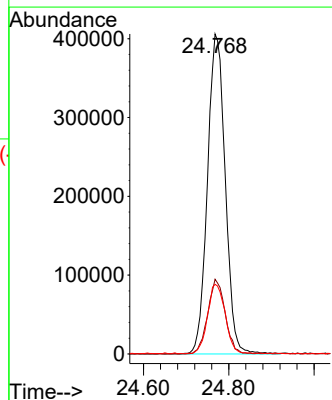
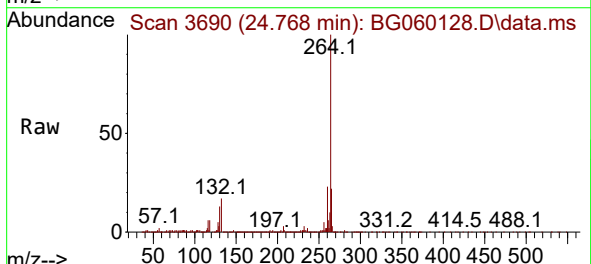
Instrument :
BNA_G
ClientSampleId :
ICVBG122123

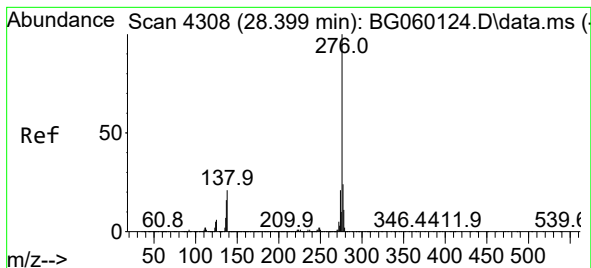
Tgt Ion:149 Resp: 3089352
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 12.8 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.768 min Scan# 3690
Delta R.T. -0.006 min
Lab File: BG060128.D
Acq: 21 Dec 2023 18:49

Tgt Ion:264 Resp: 1175667
Ion Ratio Lower Upper
264 100
260 23.4 17.1 25.7
265 21.8 16.0 24.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.470 ng

RT: 28.399 min Scan# 41

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123

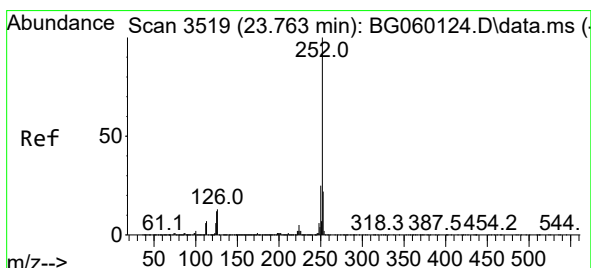
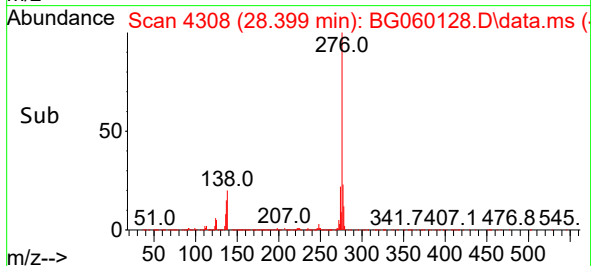
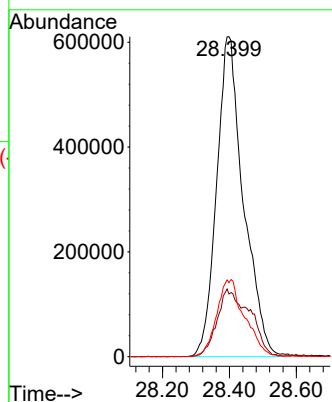
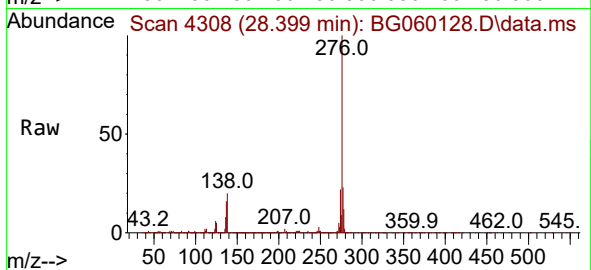
Tgt Ion:276 Resp: 3402943

Ion Ratio Lower Upper

276 100

138 25.8 15.0 22.6#

277 25.2 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 40.930 ng

RT: 23.763 min Scan# 3519

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

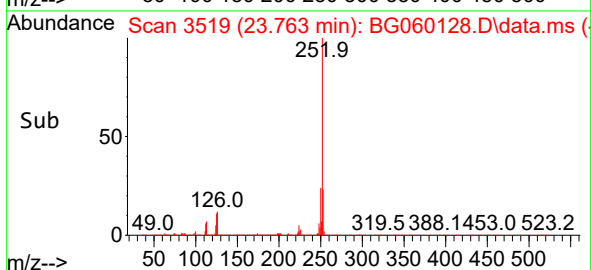
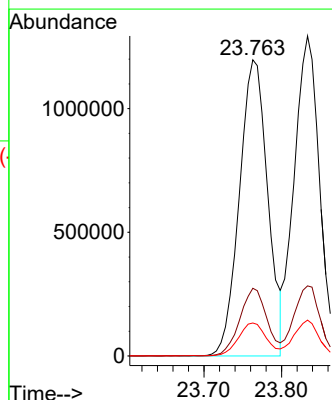
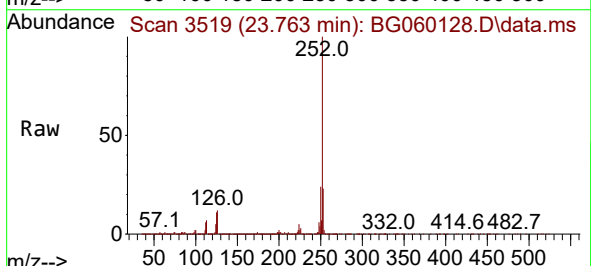
Tgt Ion:252 Resp: 3042873

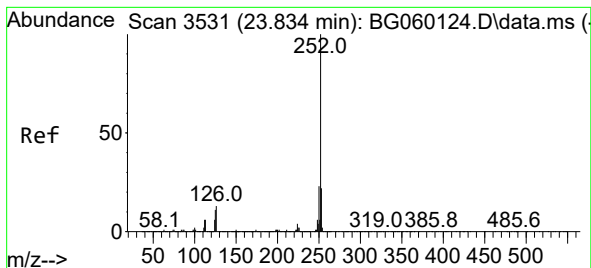
Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

125 11.2 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 40.442 ng

RT: 23.833 min Scan# 3531

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123

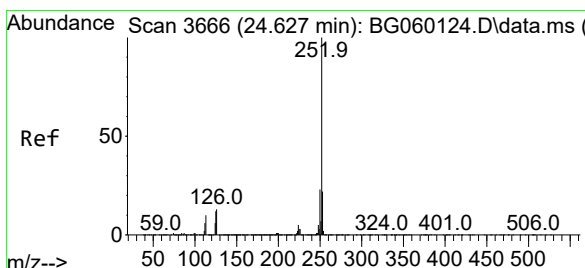
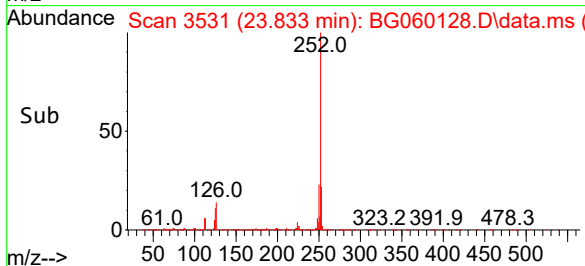
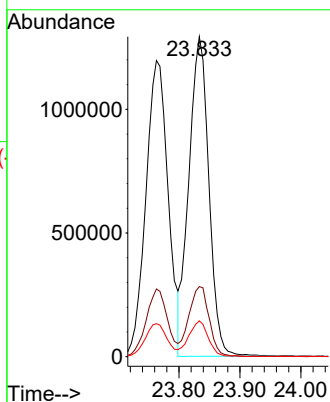
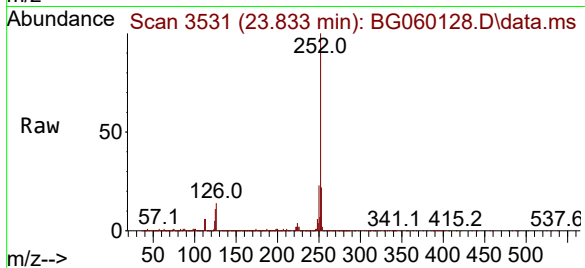
Tgt Ion:252 Resp: 2946534

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.2 8.8 13.2



#90

Benzo(a)pyrene

Concen: 40.596 ng

RT: 24.627 min Scan# 3666

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

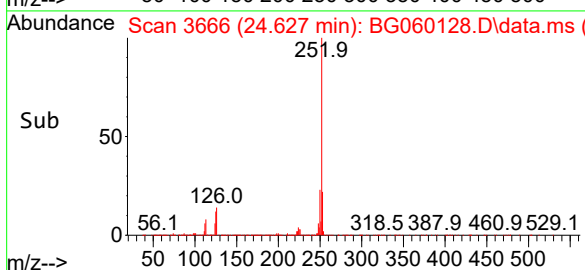
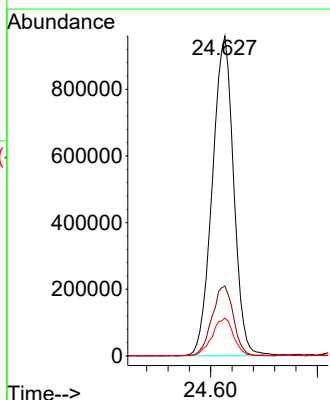
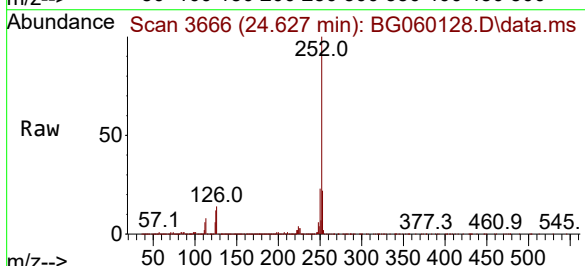
Tgt Ion:252 Resp: 2659034

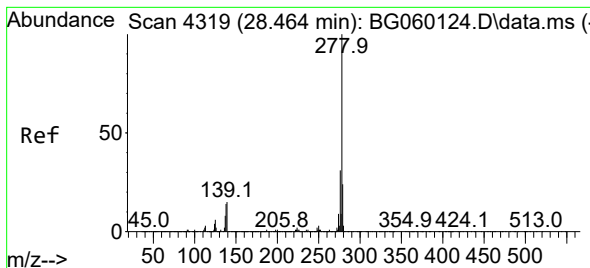
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 11.8 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 41.487 ng

RT: 28.463 min Scan# 41

Delta R.T. -0.000 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Instrument :

BNA_G

ClientSampleId :

ICVBG122123

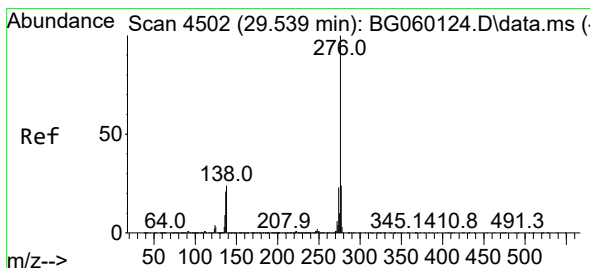
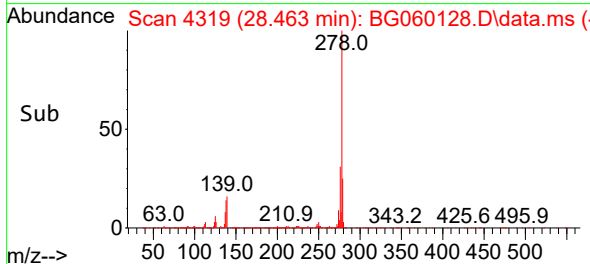
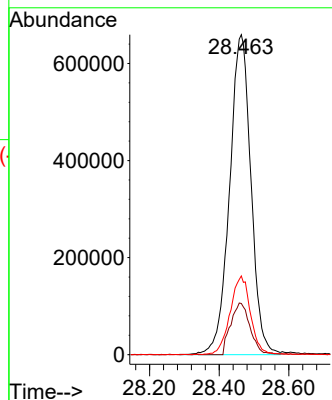
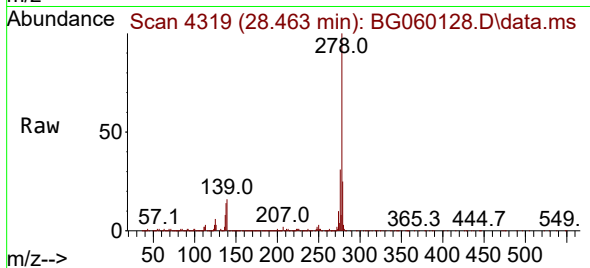
Tgt Ion:278 Resp: 2811269

Ion Ratio Lower Upper

278 100

139 16.0 12.3 18.5

279 24.6 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 41.174 ng

RT: 29.533 min Scan# 4501

Delta R.T. -0.006 min

Lab File: BG060128.D

Acq: 21 Dec 2023 18:49

Tgt Ion:276 Resp: 2818531

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 22.5 19.0 28.6

