

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
 Data File : BG064022.D
 Acq On : 6 Feb 2025 17:52
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 07 03:00:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	64456	20.000	ng	0.00
21) Naphthalene-d8	10.660	136	273650	20.000	ng	0.00
39) Acenaphthene-d10	14.497	164	184657	20.000	ng	0.00
64) Phenanthrene-d10	17.235	188	408809	20.000	ng	# 0.00
76) Chrysene-d12	21.477	240	449843	20.000	ng	0.00
86) Perylene-d12	24.497	264	473315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.460	112	339692	84.497	ng	0.00
7) Phenol-d6	7.035	99	451084	81.763	ng	0.00
23) Nitrobenzene-d5	9.027	82	416686	92.542	ng	0.00
42) 2,4,6-Tribromophenol	15.983	330	167855	84.720	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	945467	78.447	ng	0.00
79) Terphenyl-d14	19.861	244	1671232	77.589	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.392	88	76142	39.881	ng	95
3) Pyridine	3.780	79	203735	39.518	ng	97
4) n-Nitrosodimethylamine	3.698	42	119521	40.318	ng	# 98
6) Aniline	7.199	93	225978	38.223	ng	98
8) 2-Chlorophenol	7.440	128	171960	41.978	ng	99
9) Benzaldehyde	7.017	77	134057	44.511	ng	99
10) Phenol	7.064	94	233843	40.266	ng	99
11) bis(2-Chloroethyl)ether	7.299	93	182963	39.125	ng	98
12) 1,3-Dichlorobenzene	7.764	146	190929	39.168	ng	99
13) 1,4-Dichlorobenzene	7.910	146	189744	38.542	ng	99
14) 1,2-Dichlorobenzene	8.228	146	185491	39.312	ng	96
15) Benzyl Alcohol	8.104	79	164423	39.873	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.404	45	379069	40.255	ng	98
17) 2-Methylphenol	8.310	107	148414	39.515	ng	90
18) Hexachloroethane	8.956	117	70554	43.547	ng	99
19) n-Nitroso-di-n-propyla...	8.680	70	149866	39.227	ng	# 92
20) 3+4-Methylphenols	8.633	107	203953	40.759	ng	98
22) Acetophenone	8.692	105	292701	38.930	ng	98
24) Nitrobenzene	9.068	77	211138	41.159	ng	99
25) Isophorone	9.591	82	387099	39.659	ng	98
26) 2-Nitrophenol	9.773	139	66718	52.064	ng	97
27) 2,4-Dimethylphenol	9.838	122	119316	42.495	ng	95
28) bis(2-Chloroethoxy)met...	10.073	93	246726	39.725	ng	100
29) 2,4-Dichlorophenol	10.308	162	152894	39.653	ng	98
30) 1,2,4-Trichlorobenzene	10.525	180	182675	39.601	ng	94
31) Naphthalene	10.713	128	575811	39.247	ng	98
32) Benzoic acid	9.973	122	78203	44.199	ng	# 83
33) 4-Chloroaniline	10.813	127	222272	39.542	ng	99
34) Hexachlorobutadiene	11.007	225	120873	41.147	ng	99
35) Caprolactam	11.577	113	55869	39.913	ng	93
36) 4-Chloro-3-methylphenol	11.935	107	189609	42.190	ng	99
37) 2-Methylnaphthalene	12.317	142	408549	39.960	ng	99
38) 1-Methylnaphthalene	12.317	142	408549	40.386	ng	95
40) 1,2,4,5-Tetrachloroben...	12.687	216	216094	39.684	ng	100
41) Hexachlorocyclopentadiene	12.675	237	70107	50.869	ng	96
43) 2,4,6-Trichlorophenol	12.922	196	128027	40.811	ng	99

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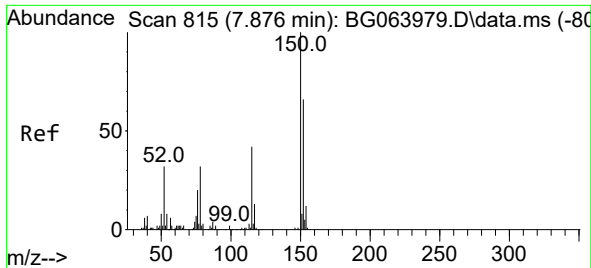
Quant Time: Feb 07 03:00:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	143934	40.637	ng	95
46) 1,1'-Biphenyl	13.333	154	551344	39.216	ng	98
47) 2-Chloronaphthalene	13.369	162	404514	39.475	ng	97
48) 2-Nitroaniline	13.568	65	128966	46.787	ng	96
49) Acenaphthylene	14.215	152	626073	39.334	ng	99
50) Dimethylphthalate	13.956	163	508306	41.516	ng	98
51) 2,6-Dinitrotoluene	14.068	165	102931	44.890	ng	96
52) Acenaphthene	14.561	154	430359	40.308	ng	99
53) 3-Nitroaniline	14.391	138	109147	41.080	ng	98
54) 2,4-Dinitrophenol	14.597	184	28862	49.820	ng #	83
55) Dibenzofuran	14.896	168	679121	39.174	ng	99
56) 4-Nitrophenol	14.697	139	89195	42.129	ng	98
57) 2,4-Dinitrotoluene	14.849	165	138454	46.078	ng	99
58) Fluorene	15.543	166	519549	38.774	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.120	232	140153	41.157	ng	98
60) Diethylphthalate	15.325	149	537909	41.438	ng	99
61) 4-Chlorophenyl-phenyle...	15.543	204	256337	38.128	ng	98
62) 4-Nitroaniline	15.554	138	116553	40.879	ng	97
63) Azobenzene	15.836	77	583105	38.031	ng	99
65) 4,6-Dinitro-2-methylph...	15.613	198	53842	51.587	ng	98
66) n-Nitrosodiphenylamine	15.754	169	445167	39.275	ng	98
67) 4-Bromophenyl-phenylether	16.436	248	158429	38.935	ng	97
68) Hexachlorobenzene	16.547	284	189648	39.643	ng	97
69) Atrazine	16.706	200	146030	38.715	ng	98
70) Pentachlorophenol	16.888	266	120336	43.009	ng	99
71) Phenanthrene	17.282	178	839972	39.120	ng	99
72) Anthracene	17.370	178	841259	39.156	ng	100
73) Carbazole	17.634	167	789851	39.271	ng	97
74) Di-n-butylphthalate	18.216	149	946215	45.133	ng	100
75) Fluoranthene	19.291	202	1028272	39.328	ng	98
77) Benzidine	19.473	184	386263	40.324	ng	95
78) Pyrene	19.650	202	1077192	38.788	ng	99
80) Butylbenzylphthalate	20.554	149	394582	41.537	ng	98
81) Benzo(a)anthracene	21.453	228	1119849	39.209	ng	100
82) 3,3'-Dichlorobenzidine	21.377	252	384940	43.278	ng	98
83) Chrysene	21.518	228	1099846	38.696	ng	98
84) Bis(2-ethylhexyl)phtha...	21.395	149	626663	41.017	ng	98
85) Di-n-octyl phthalate	22.552	149	1043802	42.023	ng	98
87) Indeno(1,2,3-cd)pyrene	27.922	276	1246987	40.838	ng	100
88) Benzo(b)fluoranthene	23.551	252	1117799	40.106	ng	97
89) Benzo(k)fluoranthene	23.616	252	1144669	39.997	ng	100
90) Benzo(a)pyrene	24.362	252	1003821	40.350	ng	98
91) Dibenzo(a,h)anthracene	27.987	278	1053950	40.877	ng	96
92) Benzo(g,h,i)perylene	28.986	276	1053635	40.479	ng	98

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

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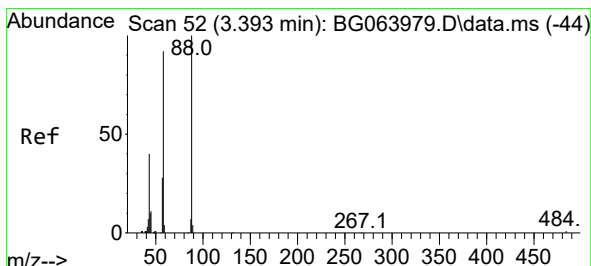
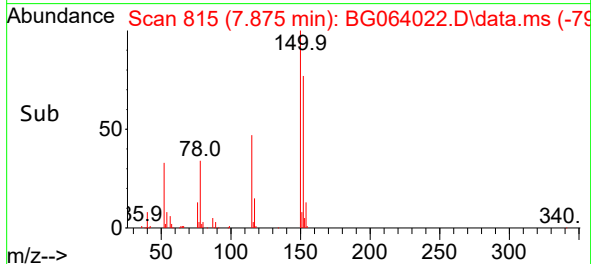
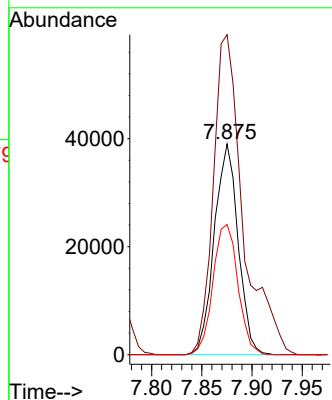
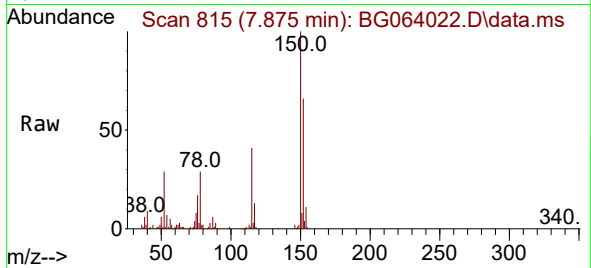




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.875 min Scan# 815
 Delta R.T. -0.001 min
 Lab File: BG064022.D
 Acq: 6 Feb 2025 17:52

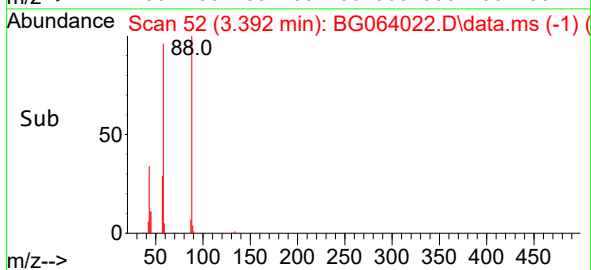
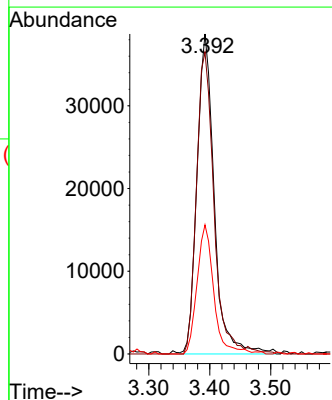
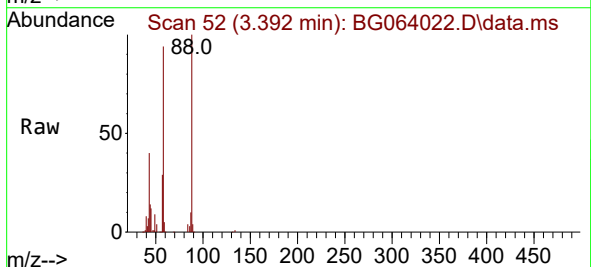
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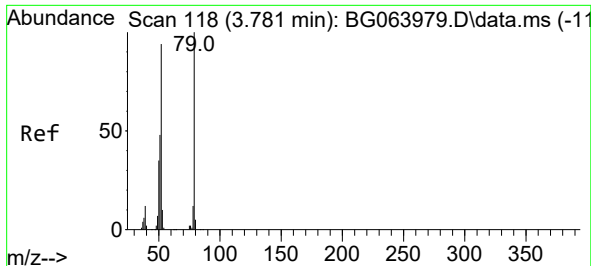
Tgt Ion:152 Resp: 64456
 Ion Ratio Lower Upper
 152 100
 150 151.8 121.0 181.6
 115 61.8 50.4 75.6



#2
 1,4-Dioxane
 Concen: 39.881 ng
 RT: 3.392 min Scan# 52
 Delta R.T. -0.001 min
 Lab File: BG064022.D
 Acq: 6 Feb 2025 17:52

Tgt Ion: 88 Resp: 76142
 Ion Ratio Lower Upper
 88 100
 58 95.7 71.8 107.8
 43 39.3 31.2 46.8

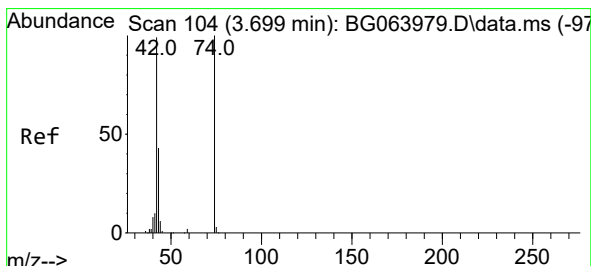
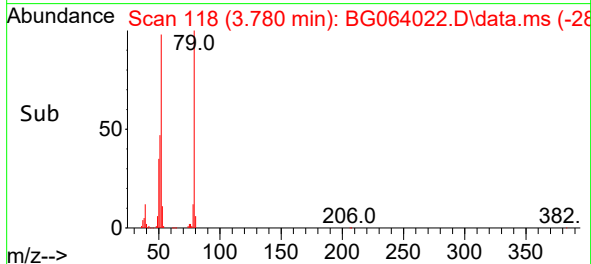
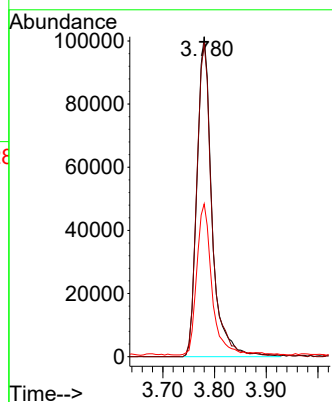
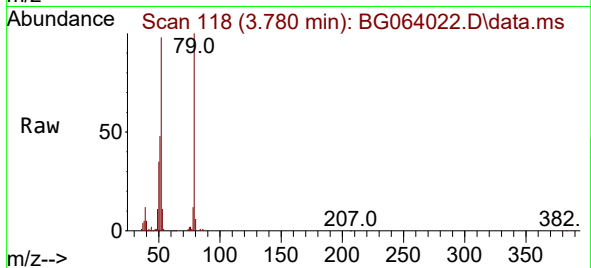




#3
Pyridine
Concen: 39.518 ng
RT: 3.780 min Scan# 118
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

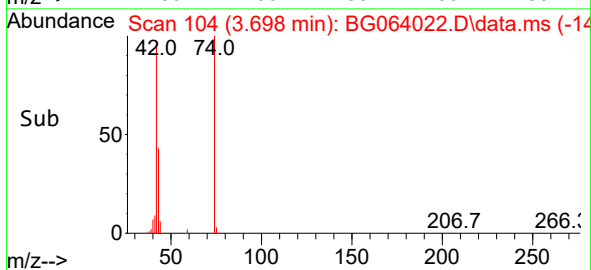
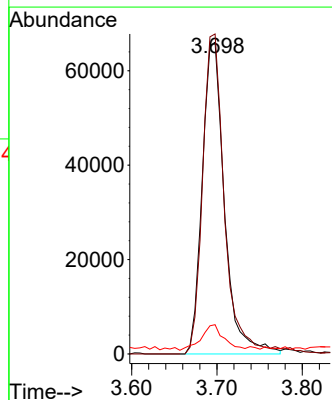
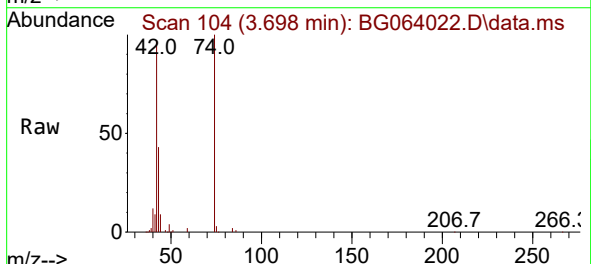
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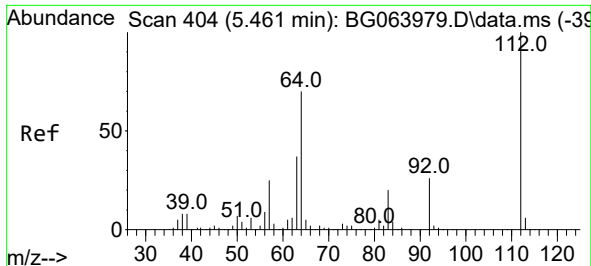
Tgt Ion: 79 Resp: 203735
Ion Ratio Lower Upper
79 100
52 98.1 75.1 112.7
51 47.7 38.9 58.3



#4
n-Nitrosodimethylamine
Concen: 40.318 ng
RT: 3.698 min Scan# 104
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion: 42 Resp: 119521
Ion Ratio Lower Upper
42 100
74 102.7 80.8 121.2
44 9.4 5.8 8.6#

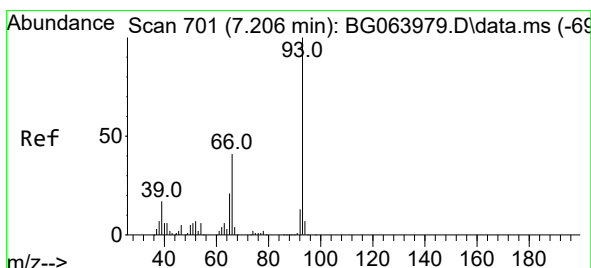
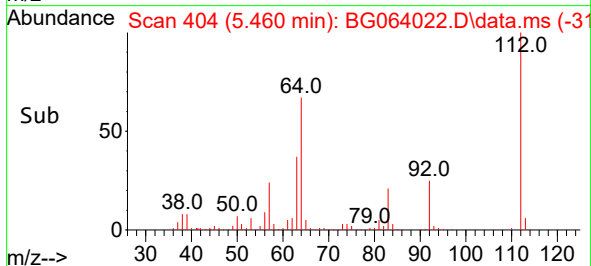
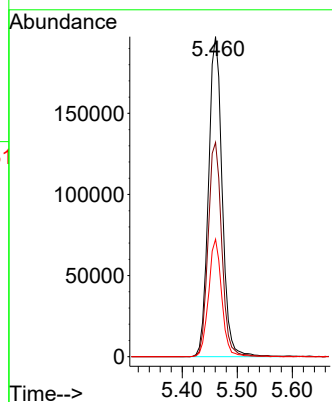
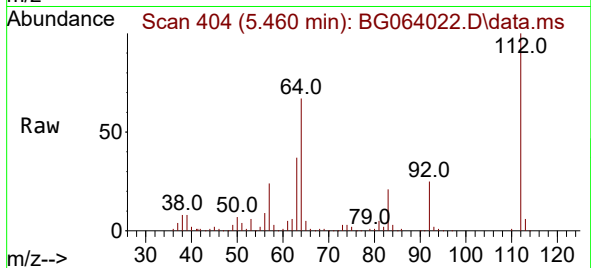




#5
2-Fluorophenol
Concen: 84.497 ng
RT: 5.460 min Scan# 404
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

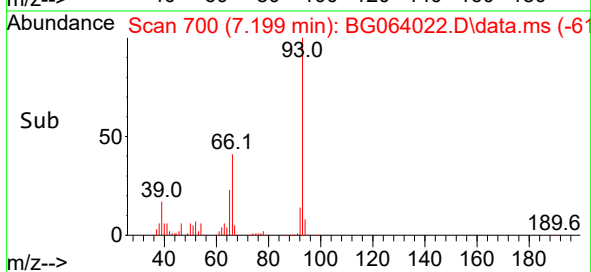
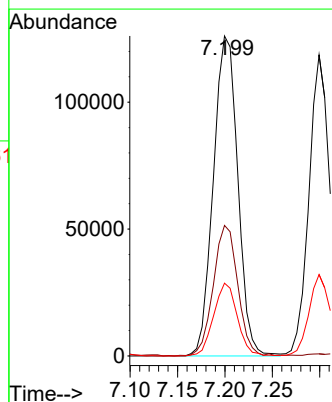
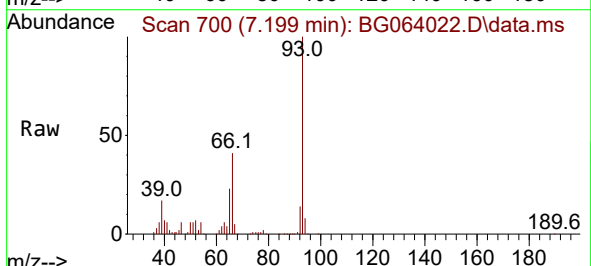
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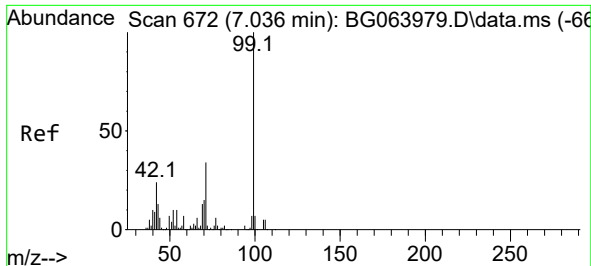
Tgt Ion:112 Resp: 339692
Ion Ratio Lower Upper
112 100
64 66.9 55.8 83.8
63 36.7 29.3 43.9



#6
Aniline
Concen: 38.223 ng
RT: 7.199 min Scan# 700
Delta R.T. -0.007 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion: 93 Resp: 225978
Ion Ratio Lower Upper
93 100
66 40.8 32.5 48.7
65 22.8 16.6 25.0

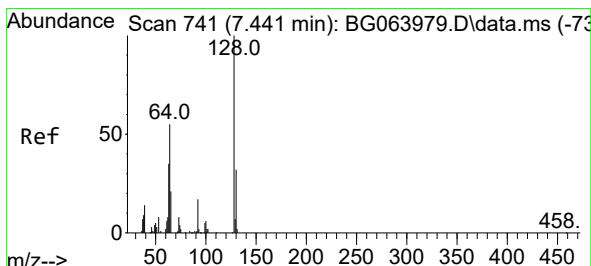
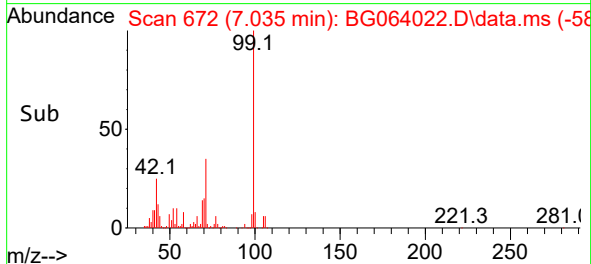
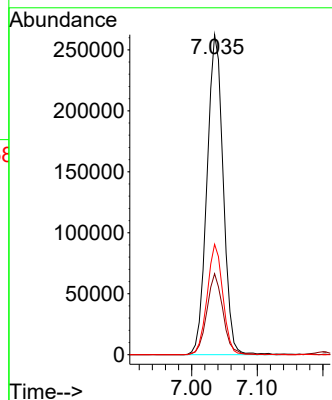
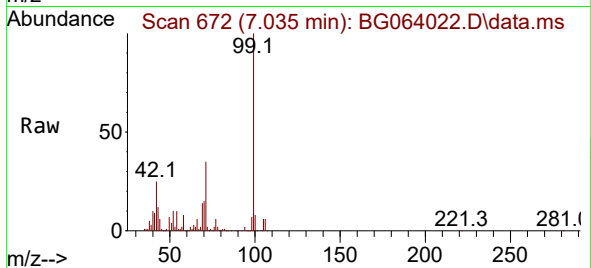




#7
Phenol-d6
Concen: 81.763 ng
RT: 7.035 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

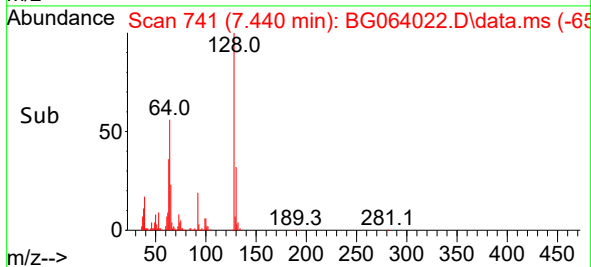
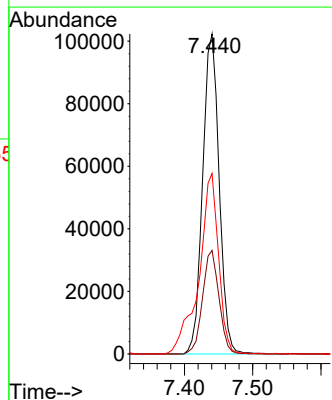
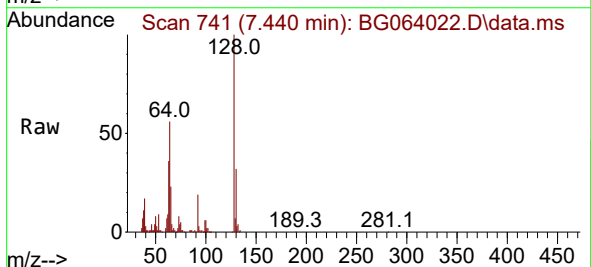
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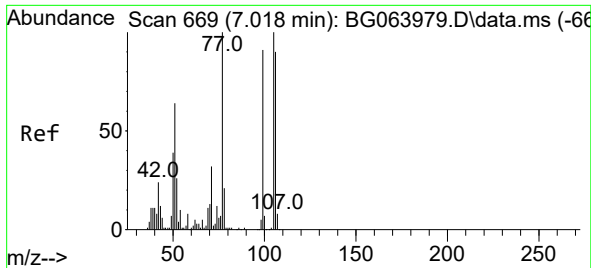
Tgt Ion: 99 Resp: 451084
Ion Ratio Lower Upper
99 100
42 25.3 18.9 28.3
71 34.5 27.0 40.6



#8
2-Chlorophenol
Concen: 41.978 ng
RT: 7.440 min Scan# 741
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:128 Resp: 171960
Ion Ratio Lower Upper
128 100
130 32.3 11.9 51.9
64 56.4 36.8 76.8

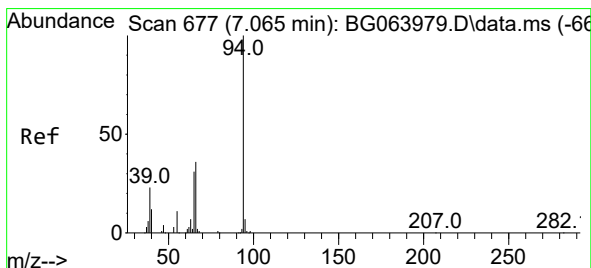
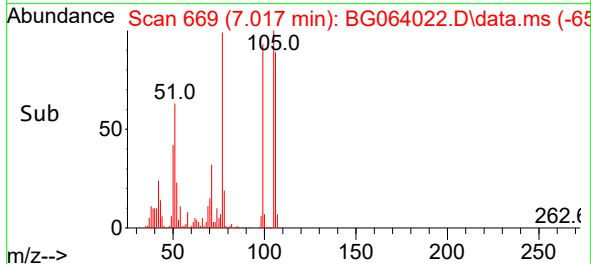
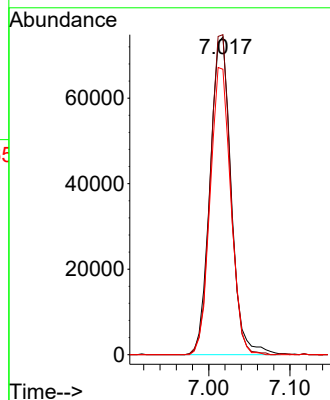
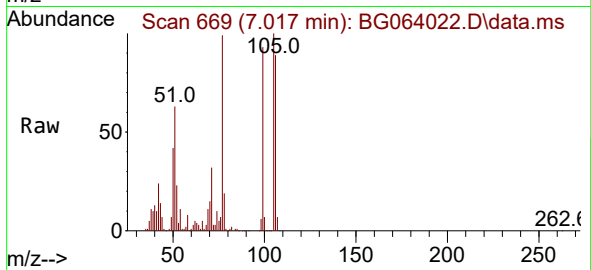




#9
Benzaldehyde
Concen: 44.511 ng
RT: 7.017 min Scan# 669
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

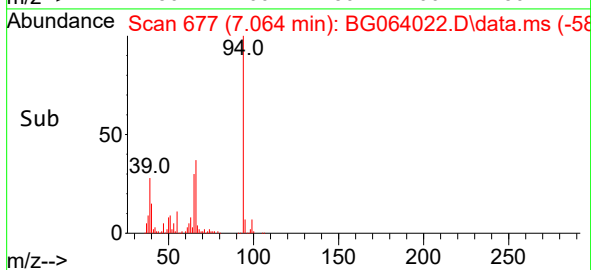
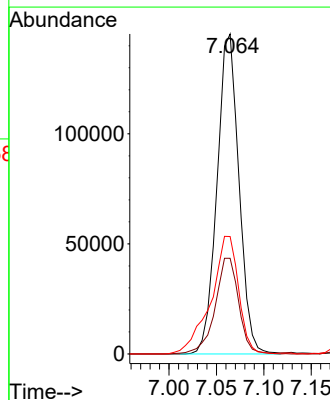
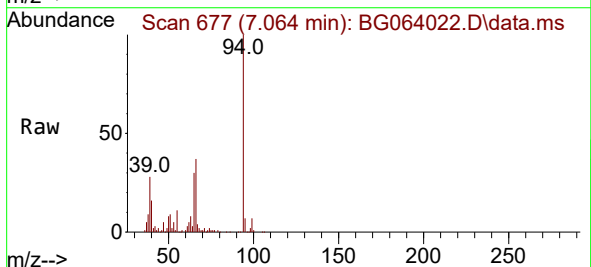
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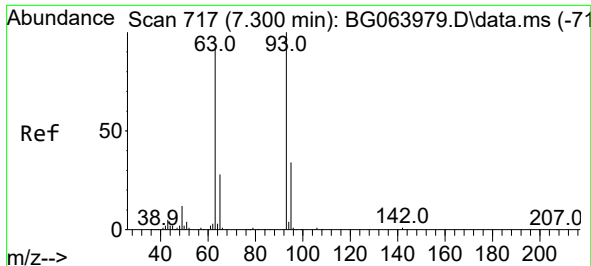
Tgt Ion: 77 Resp: 134057
Ion Ratio Lower Upper
77 100
105 100.7 79.8 119.8
106 89.8 69.9 109.9



#10
Phenol
Concen: 40.266 ng
RT: 7.064 min Scan# 677
Delta R.T. -0.001 min
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Tgt Ion: 94 Resp: 233843
Ion Ratio Lower Upper
94 100
65 29.9 11.4 51.4
66 36.7 16.7 56.7

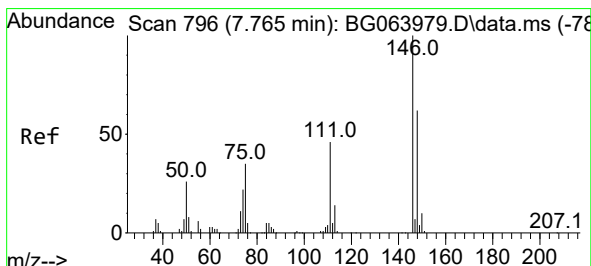
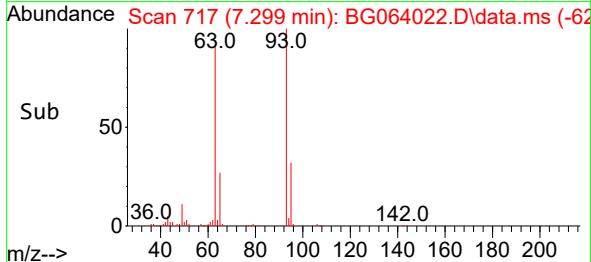
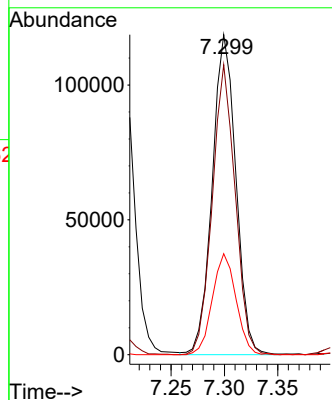
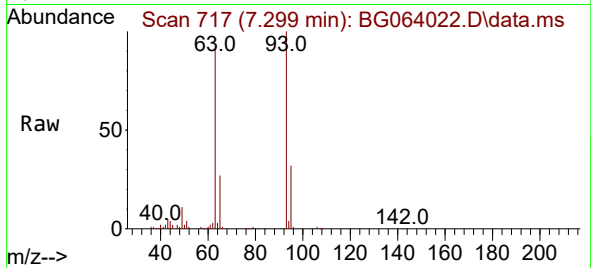




#11
bis(2-Chloroethyl)ether
Concen: 39.125 ng
RT: 7.299 min Scan# 717
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

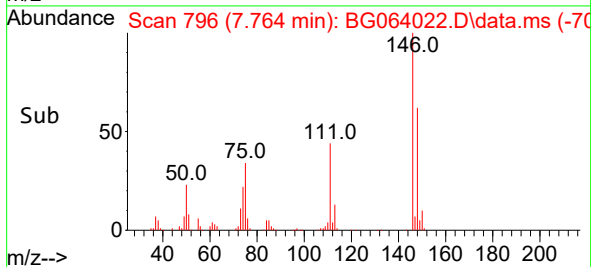
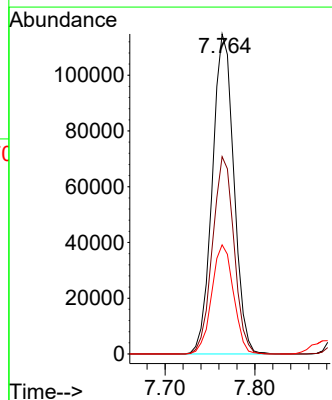
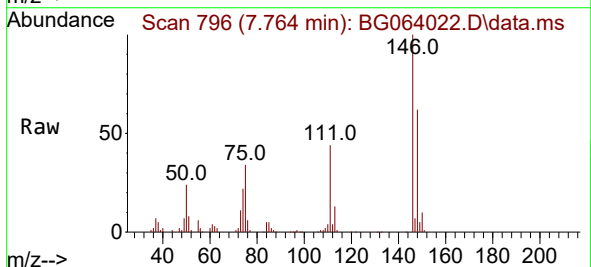
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

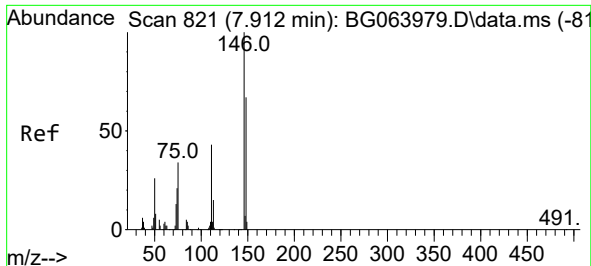
Tgt Ion: 93 Resp: 182963
Ion Ratio Lower Upper
93 100
63 90.6 71.2 111.2
95 31.5 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 39.168 ng
RT: 7.764 min Scan# 796
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion: 146 Resp: 190929
Ion Ratio Lower Upper
146 100
148 61.7 49.6 74.4
75 34.1 27.8 41.8

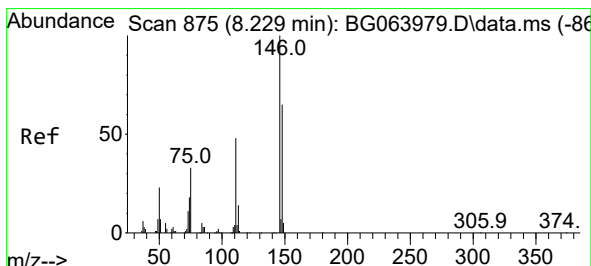
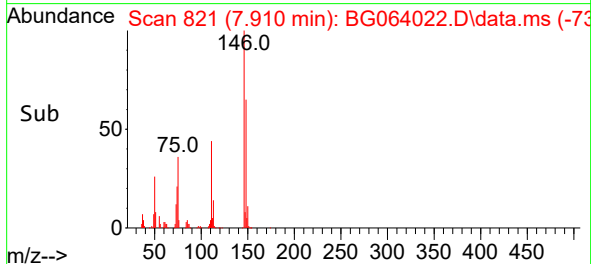
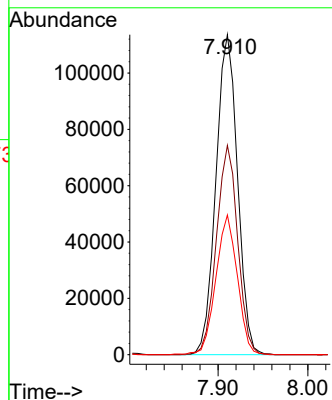
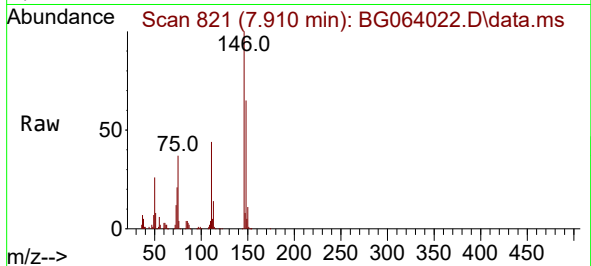




#13
1,4-Dichlorobenzene
Concen: 38.542 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

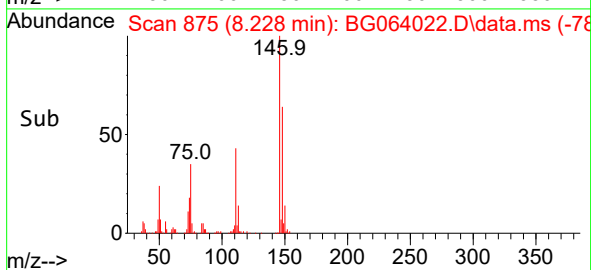
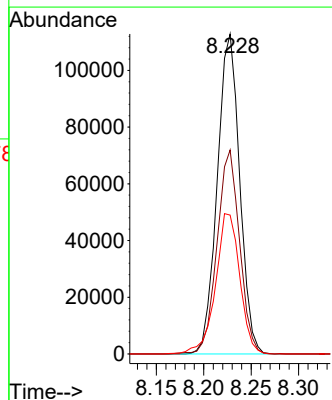
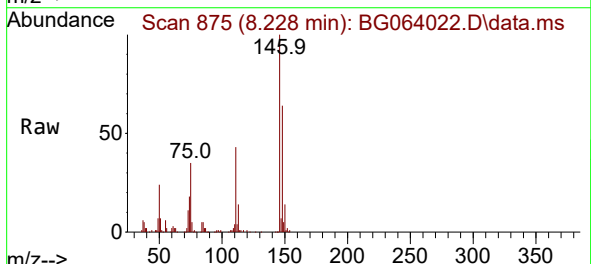
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

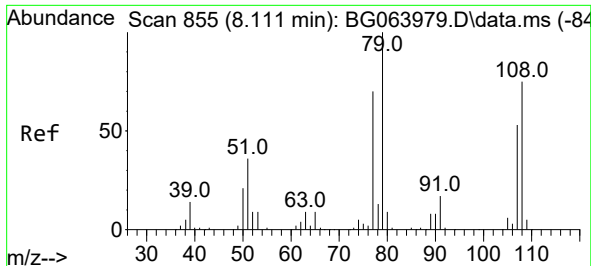
Tgt Ion:146 Resp: 189744
Ion Ratio Lower Upper
146 100
148 65.4 53.3 79.9
111 43.7 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 39.312 ng
RT: 8.228 min Scan# 875
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:146 Resp: 185491
Ion Ratio Lower Upper
146 100
148 63.8 52.0 78.0
111 43.4 38.2 57.2

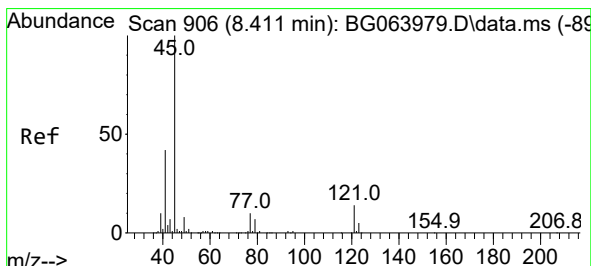
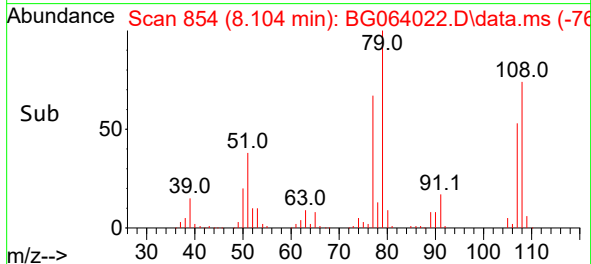
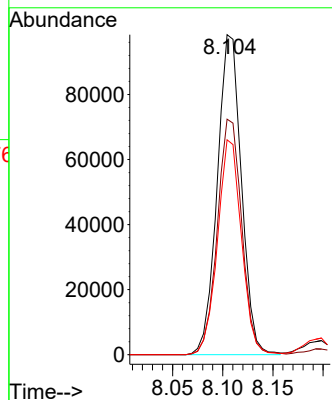
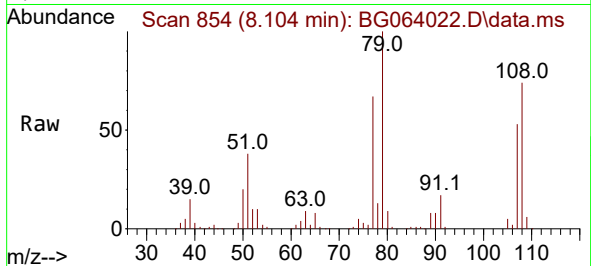




#15
Benzyl Alcohol
Concen: 39.873 ng
RT: 8.104 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

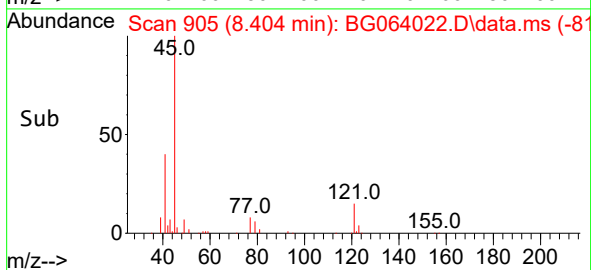
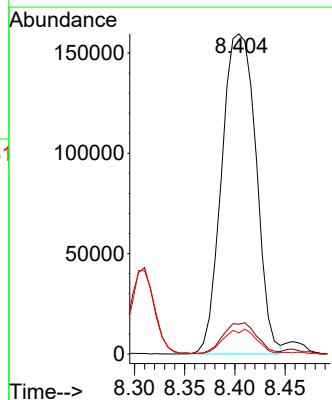
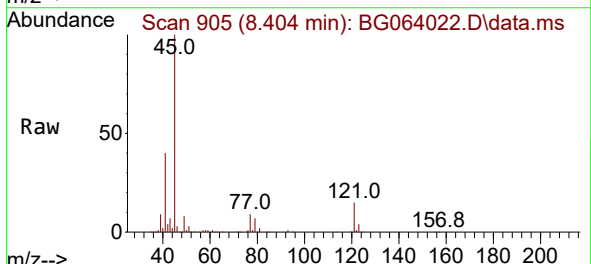
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

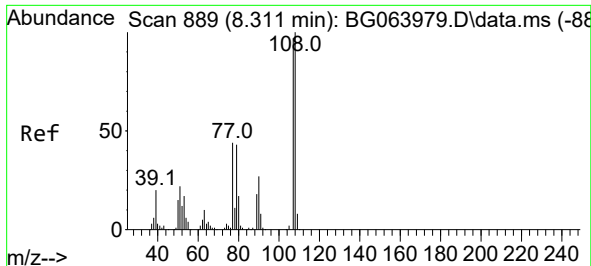
Tgt Ion: 79 Resp: 164423
Ion Ratio Lower Upper
79 100
108 73.6 60.3 90.5
77 67.2 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.255 ng
RT: 8.404 min Scan# 905
Delta R.T. -0.007 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion: 45 Resp: 379069
Ion Ratio Lower Upper
45 100
77 9.3 0.0 29.8
79 6.6 0.0 27.7



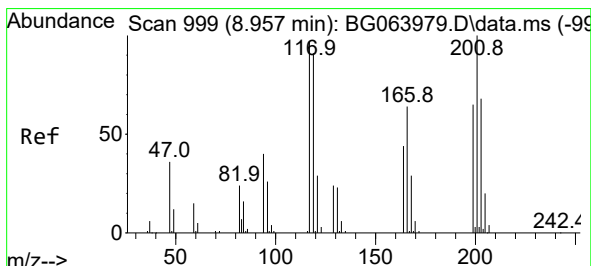
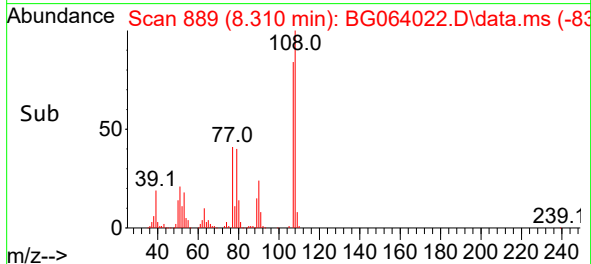
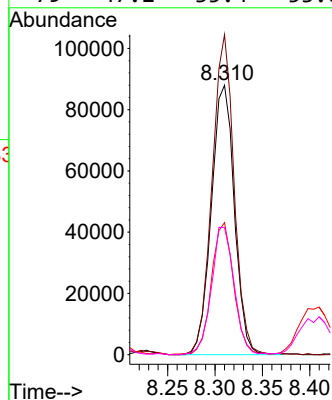
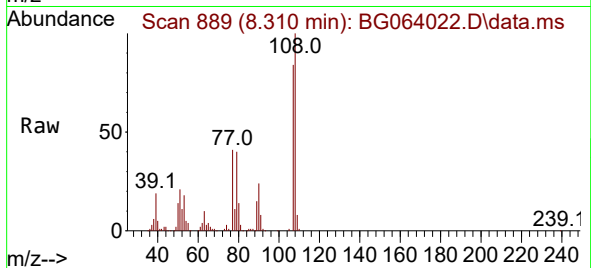


#17
2-Methylphenol
Concen: 39.515 ng
RT: 8.310 min Scan# 889
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 148414

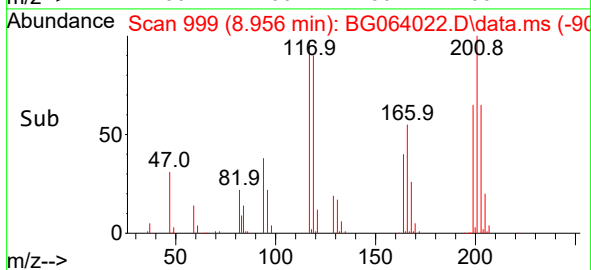
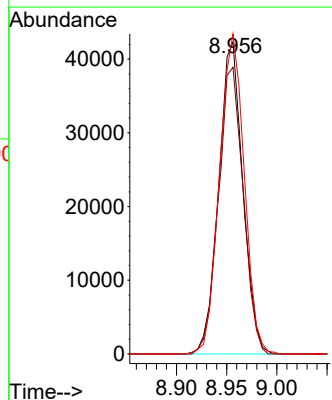
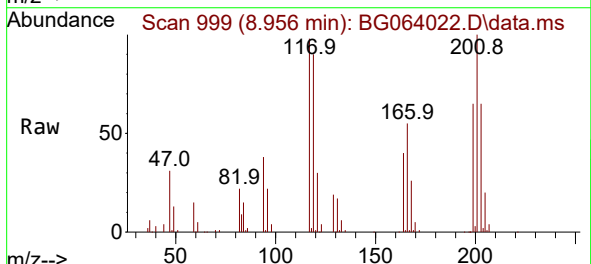
Ion	Ratio	Lower	Upper
107	100		
108	118.8	82.9	124.3
77	49.0	36.4	54.6
79	47.2	35.4	53.0

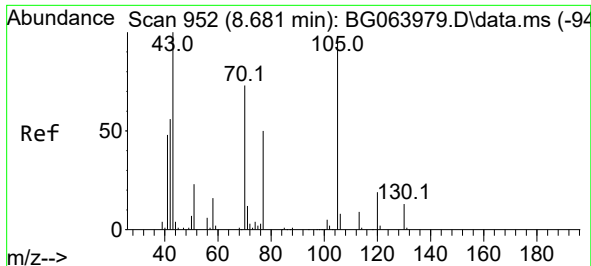


#18
Hexachloroethane
Concen: 43.547 ng
RT: 8.956 min Scan# 999
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:117 Resp: 70554

Ion	Ratio	Lower	Upper
117	100		
119	91.9	75.4	113.0
201	102.6	82.4	123.6

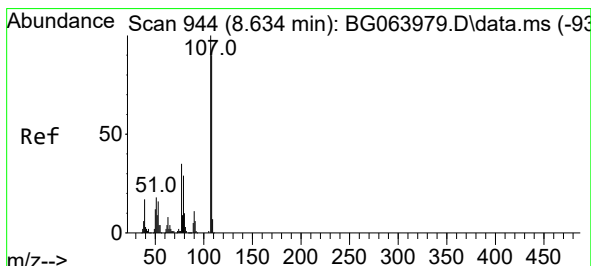
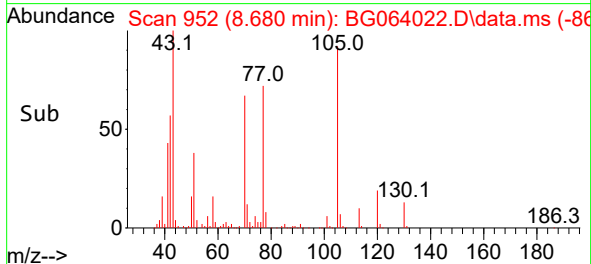
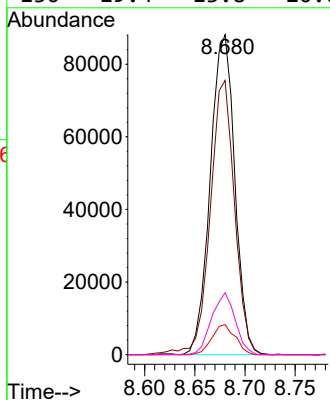
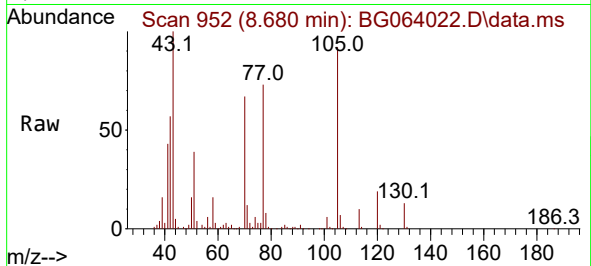




#19
n-Nitroso-di-n-propylamine
Concen: 39.227 ng
RT: 8.680 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

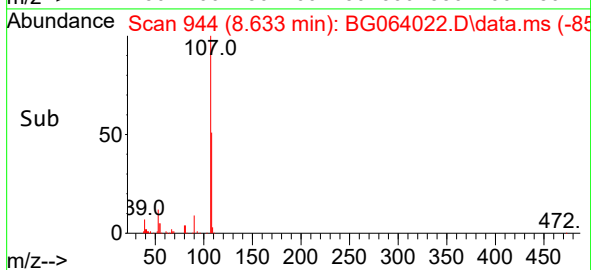
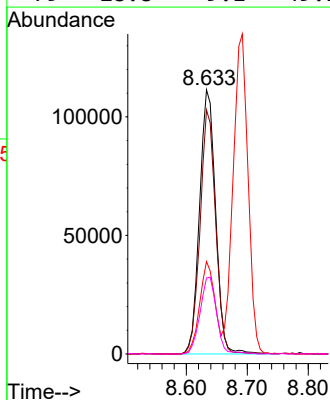
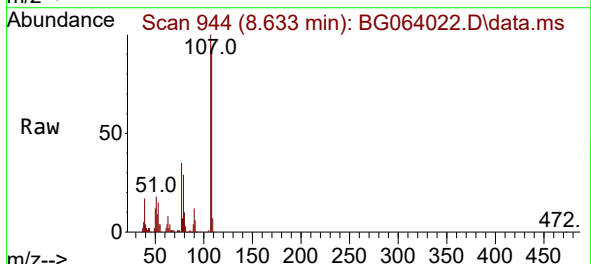
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

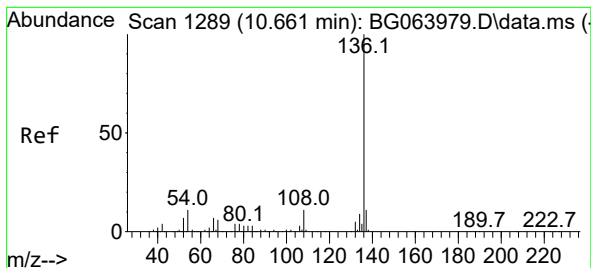
Tgt Ion: 70 Resp: 149866
Ion Ratio Lower Upper
70 100
42 85.7 62.2 93.4
101 9.4 5.6 8.4#
130 19.4 13.8 20.6



#20
3+4-Methylphenols
Concen: 40.759 ng
RT: 8.633 min Scan# 944
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion: 107 Resp: 203953
Ion Ratio Lower Upper
107 100
108 92.4 70.0 110.0
77 35.0 15.2 55.2
79 28.8 9.1 49.1

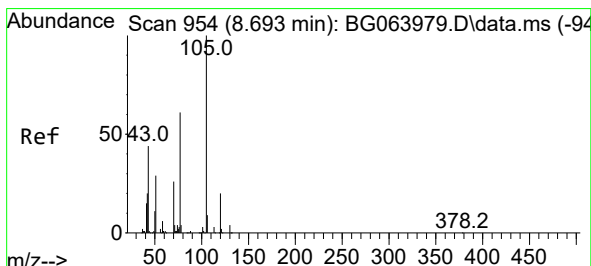
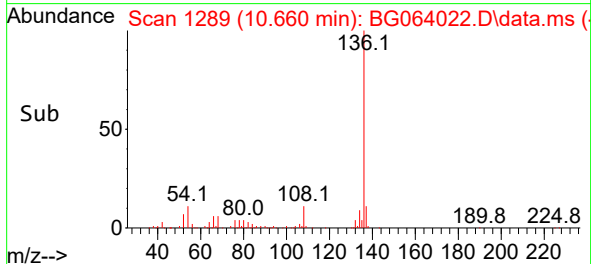
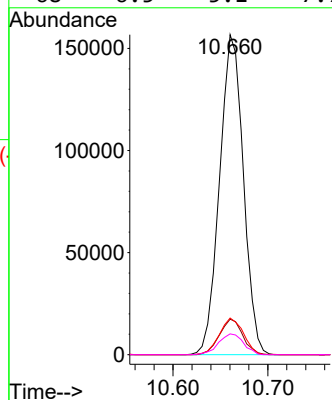
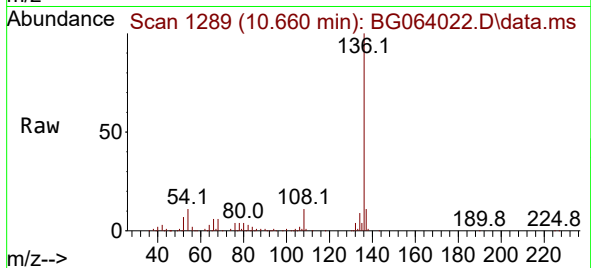




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.660 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

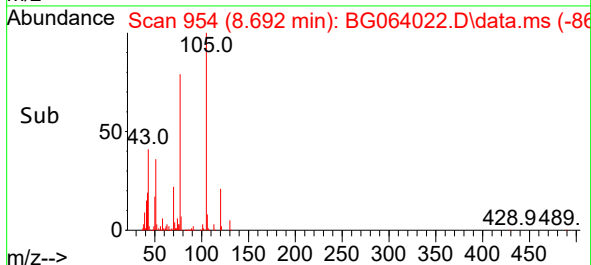
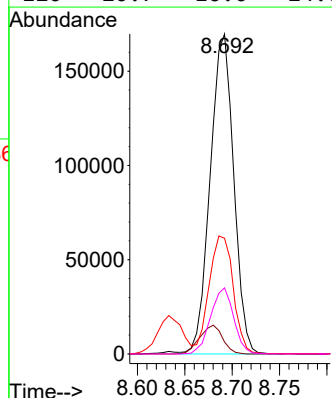
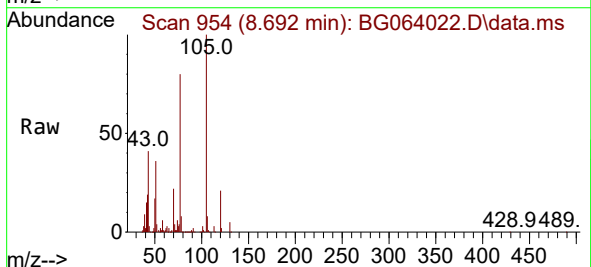
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

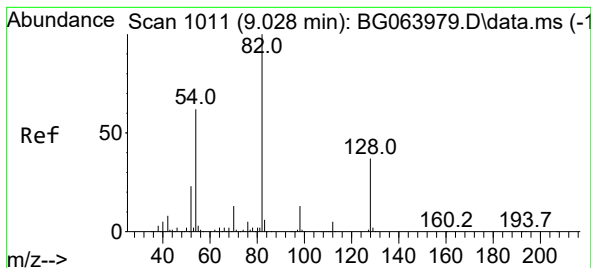
Tgt Ion:136 Resp: 273650
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 11.4 9.2 13.8
68 6.5 5.1 7.7



#22
Acetophenone
Concen: 38.930 ng
RT: 8.692 min Scan# 954
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:105 Resp: 292701
Ion Ratio Lower Upper
105 100
71 3.7 3.1 4.7
51 36.1 29.9 44.9
120 20.7 16.0 24.0





#23

Nitrobenzene-d5

Concen: 92.542 ng

RT: 9.027 min Scan# 1011

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

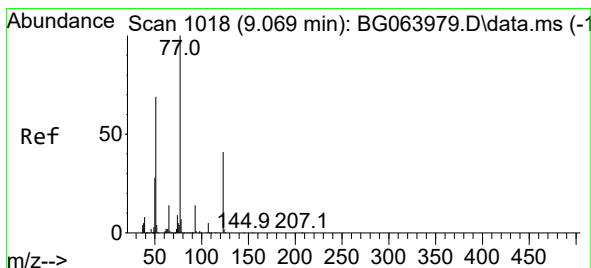
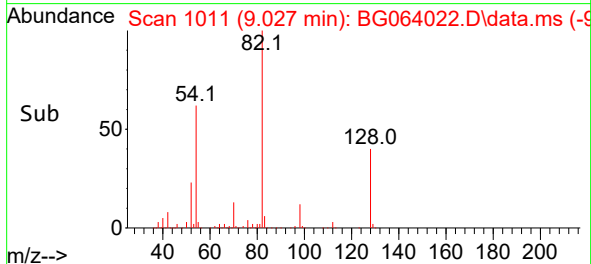
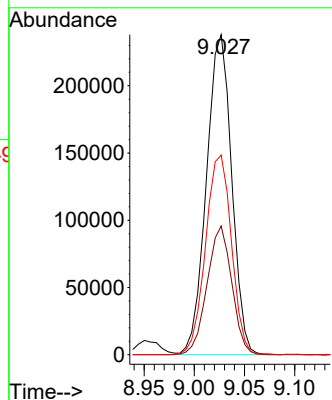
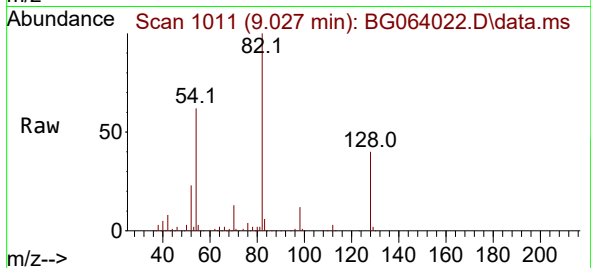
Tgt Ion: 82 Resp: 416686

Ion Ratio Lower Upper

82 100

128 40.2 29.4 44.2

54 62.4 49.9 74.9



#24

Nitrobenzene

Concen: 41.159 ng

RT: 9.068 min Scan# 1018

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

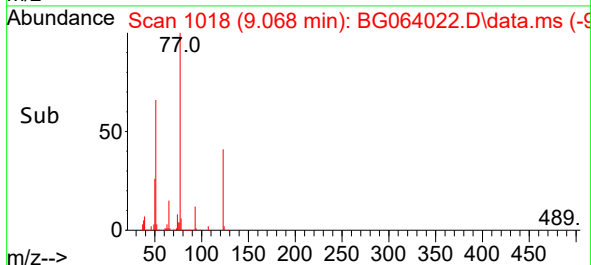
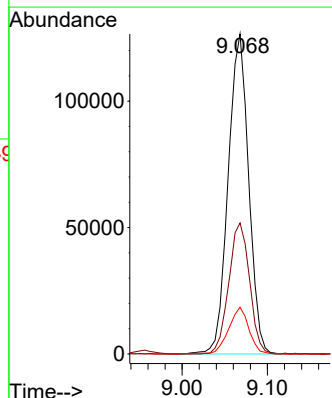
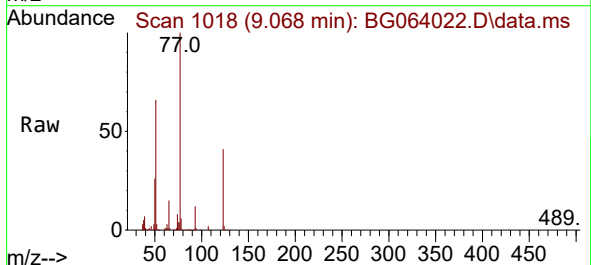
Tgt Ion: 77 Resp: 211138

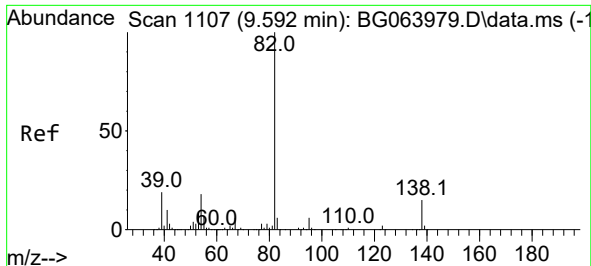
Ion Ratio Lower Upper

77 100

123 40.9 32.9 49.3

65 14.6 11.0 16.6

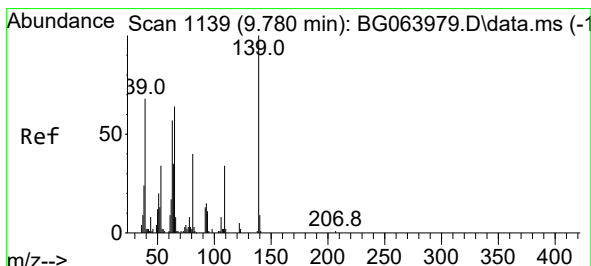
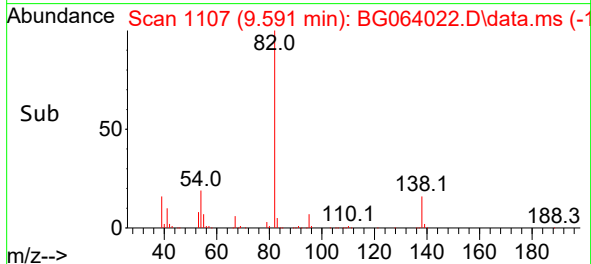
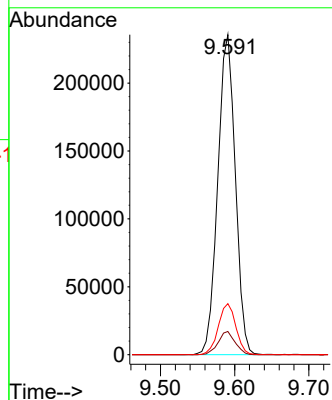
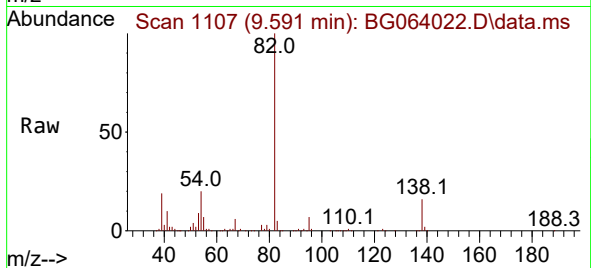




#25
Isophorone
Concen: 39.659 ng
RT: 9.591 min Scan# 1107
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

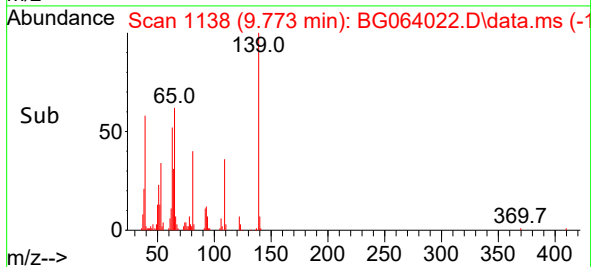
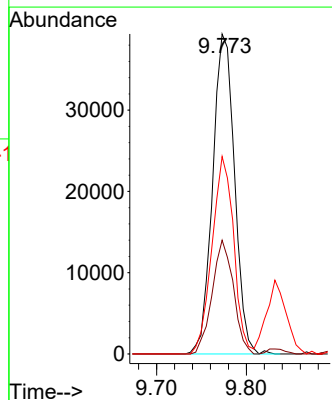
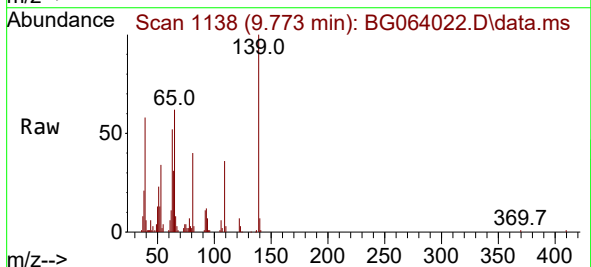
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

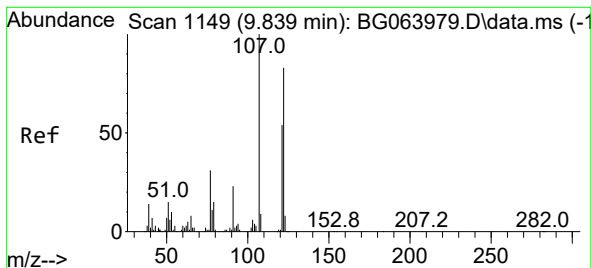
Tgt Ion: 82 Resp: 387099
Ion Ratio Lower Upper
82 100
95 7.3 5.0 7.4
138 16.0 12.2 18.4



#26
2-Nitrophenol
Concen: 52.064 ng
RT: 9.773 min Scan# 1138
Delta R.T. -0.007 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion: 139 Resp: 66718
Ion Ratio Lower Upper
139 100
109 35.6 27.1 40.7
65 61.7 51.0 76.6





#27

2,4-Dimethylphenol

Concen: 42.495 ng

RT: 9.838 min Scan# 1149

Delta R.T. -0.001 min

Lab File: BG064022.D

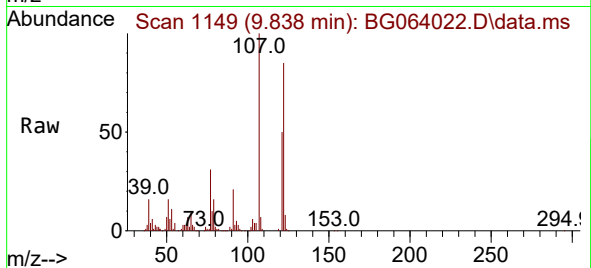
Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC



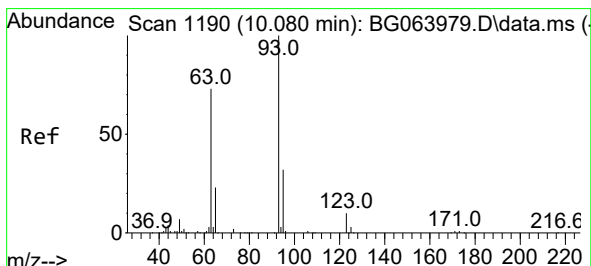
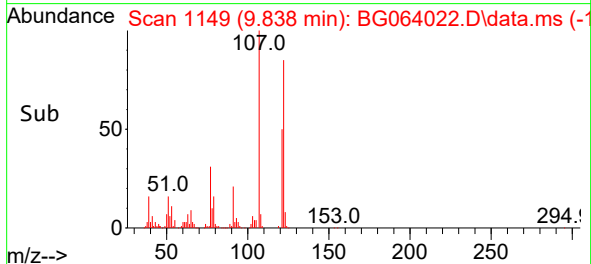
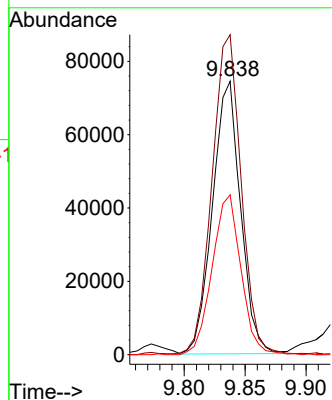
Tgt Ion:122 Resp: 119316

Ion Ratio Lower Upper

122 100

107 117.0 96.4 144.6

121 58.4 51.8 77.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.725 ng

RT: 10.073 min Scan# 1189

Delta R.T. -0.007 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

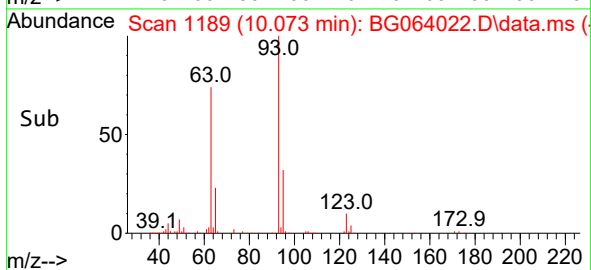
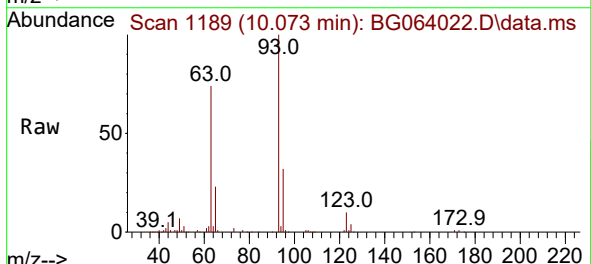
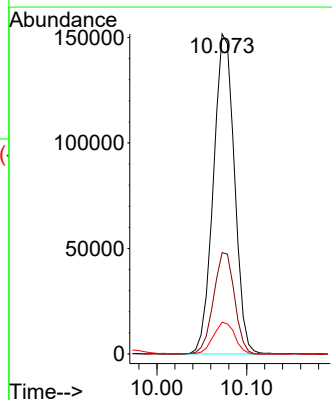
Tgt Ion: 93 Resp: 246726

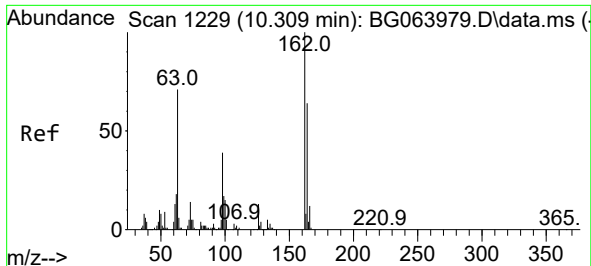
Ion Ratio Lower Upper

93 100

95 31.7 25.4 38.2

123 9.9 7.8 11.6

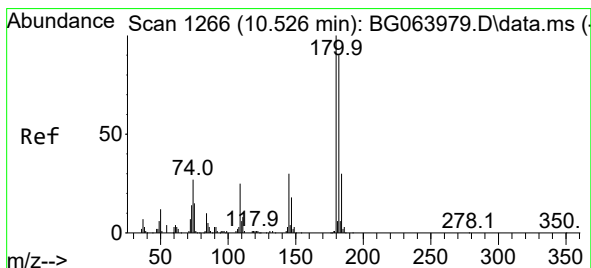
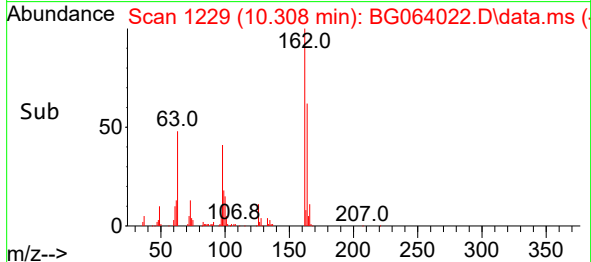
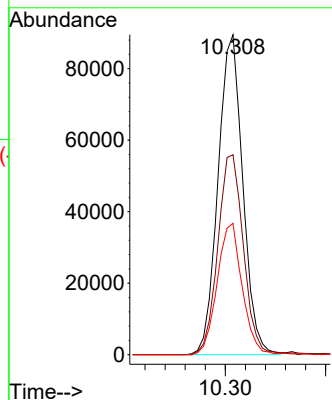
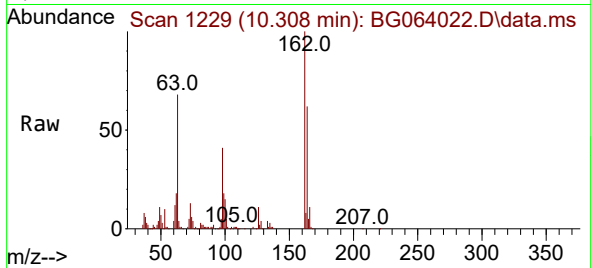




#29
2,4-Dichlorophenol
Concen: 39.653 ng
RT: 10.308 min Scan# 1229
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

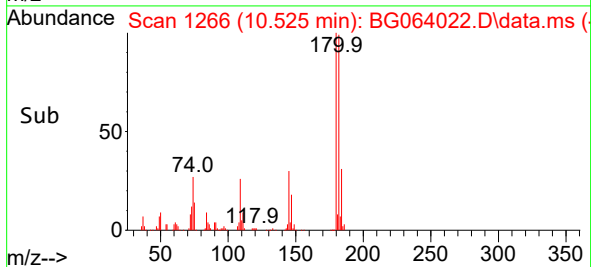
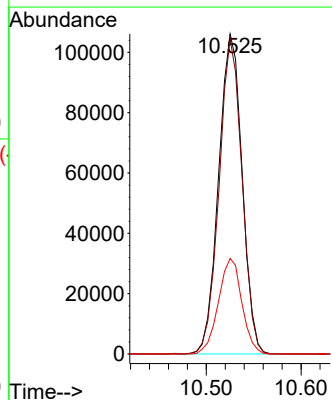
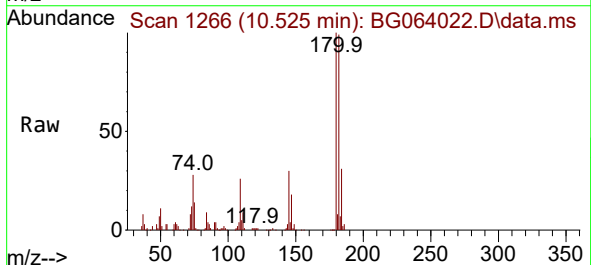
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

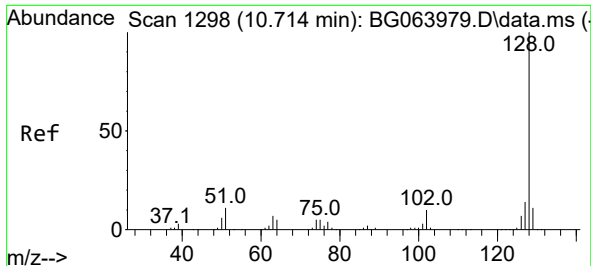
Tgt Ion:162 Resp: 152894
Ion Ratio Lower Upper
162 100
164 62.5 43.6 83.6
98 41.1 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 39.601 ng
RT: 10.525 min Scan# 1266
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:180 Resp: 182675
Ion Ratio Lower Upper
180 100
182 98.5 72.3 108.5
145 29.8 23.8 35.8

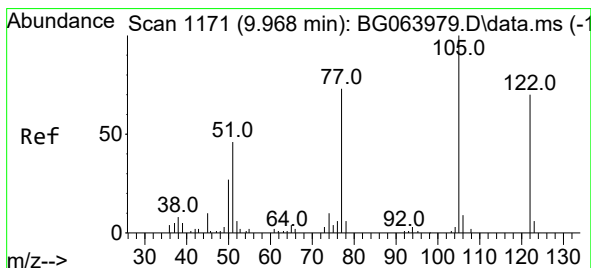
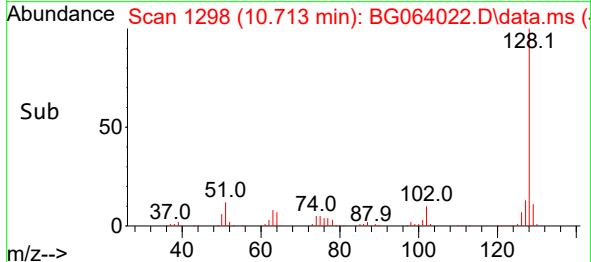
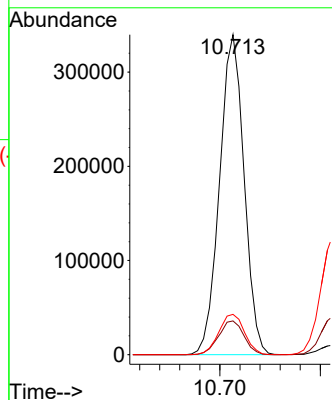
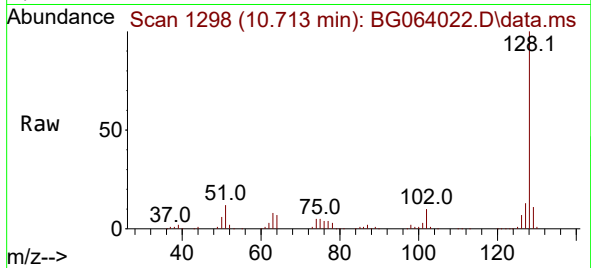




#31
Naphthalene
Concen: 39.247 ng
RT: 10.713 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

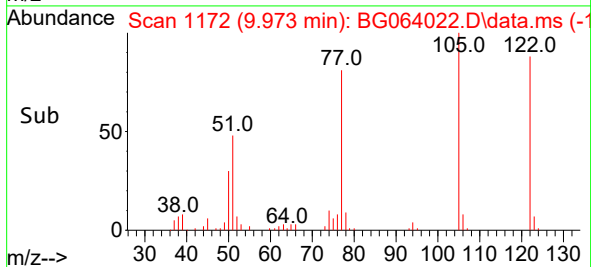
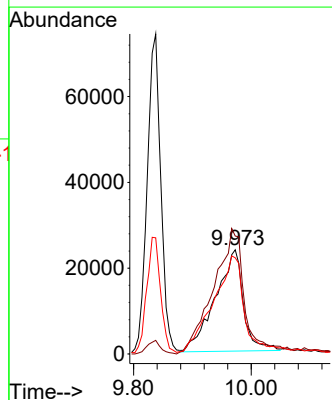
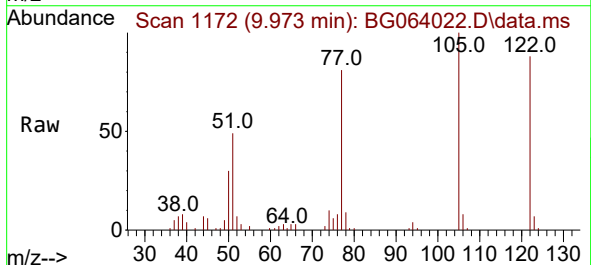
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

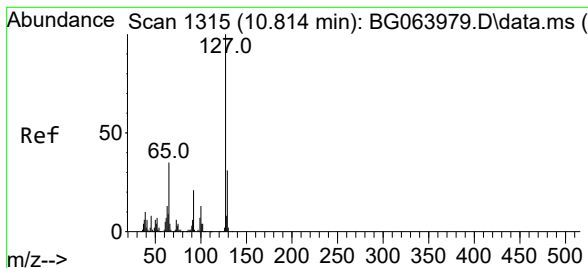
Tgt Ion:128 Resp: 575811
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.6 10.8 16.2



#32
Benzoic acid
Concen: 44.199 ng
RT: 9.973 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:122 Resp: 78203
Ion Ratio Lower Upper
122 100
105 113.2 117.9 157.9#
77 92.2 83.9 123.9

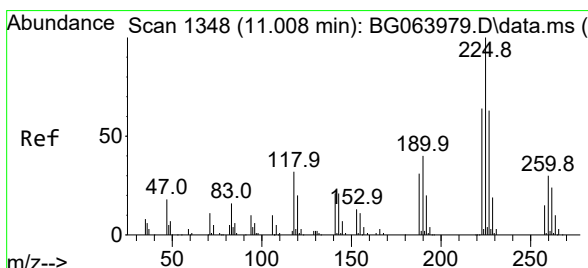
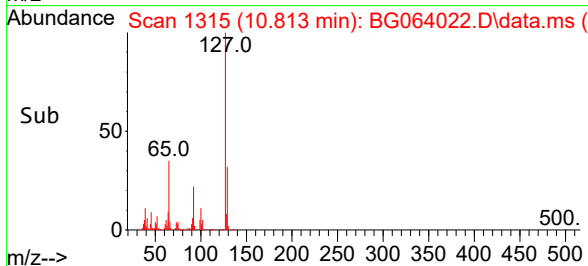
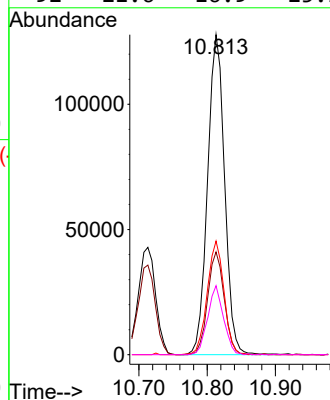
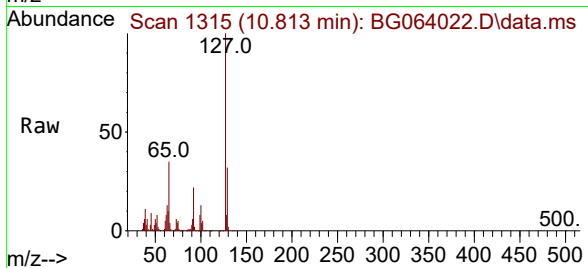




#33
4-Chloroaniline
Concen: 39.542 ng
RT: 10.813 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

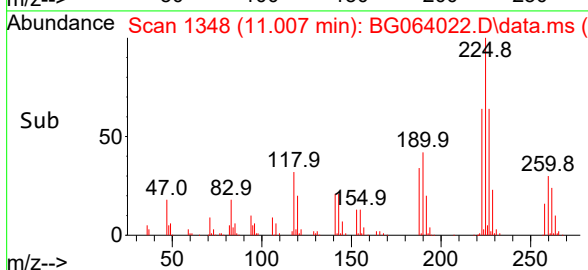
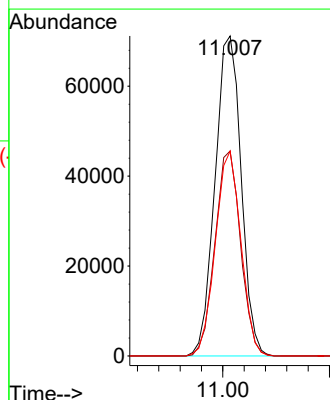
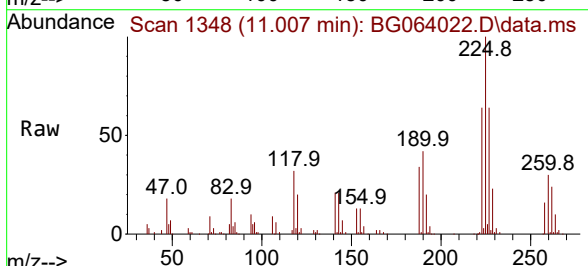
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

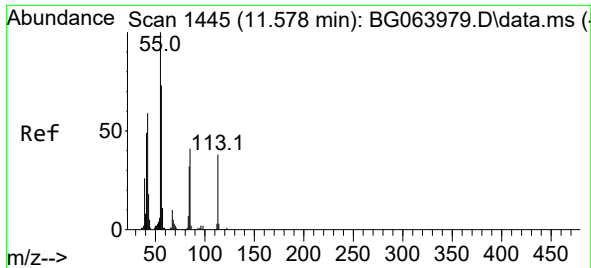
Tgt Ion:	127	Resp:	222272
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.9	37.3
65	35.5	28.2	42.4
92	21.6	16.9	25.3



#34
Hexachlorobutadiene
Concen: 41.147 ng
RT: 11.007 min Scan# 1348
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:	225	Resp:	120873
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	64.0	50.3	75.5

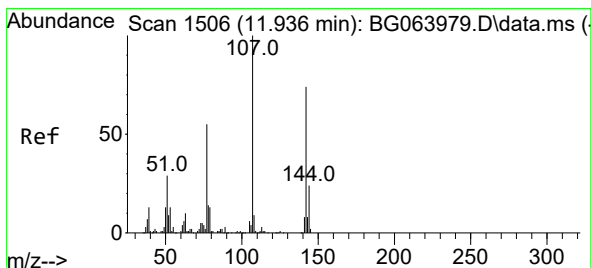
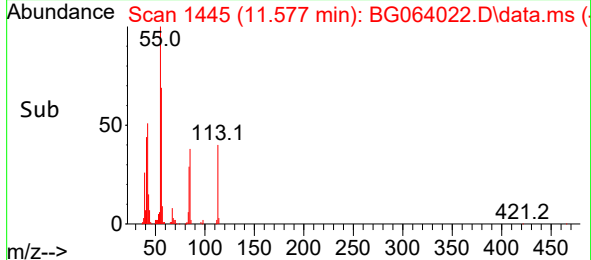
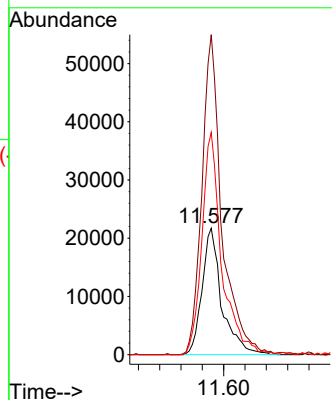
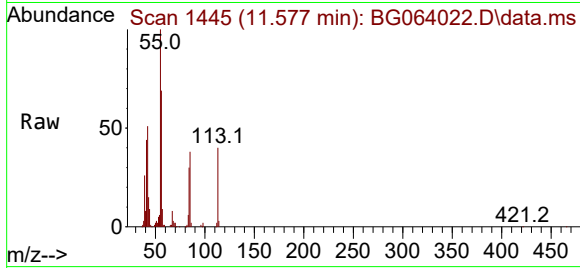




#35
 Caprolactam
 Concen: 39.913 ng
 RT: 11.577 min Scan# 1445
 Delta R.T. -0.001 min
 Lab File: BG064022.D
 Acq: 6 Feb 2025 17:52

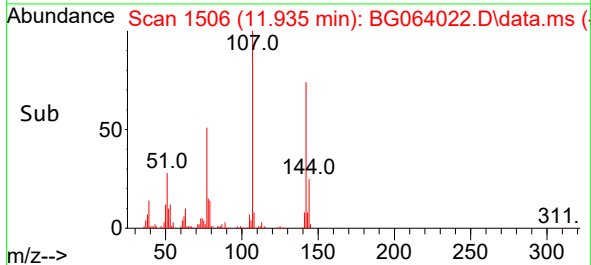
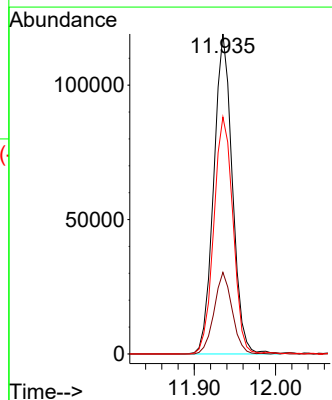
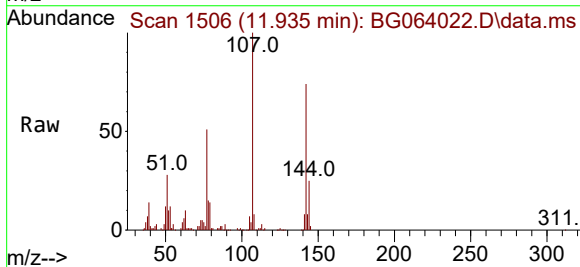
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

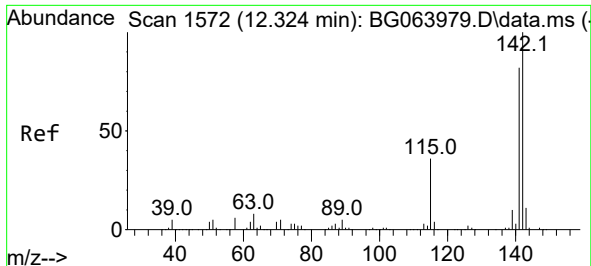
Tgt Ion:113 Resp: 55869
 Ion Ratio Lower Upper
 113 100
 55 253.1 241.8 281.8
 56 175.8 171.5 211.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.190 ng
 RT: 11.935 min Scan# 1506
 Delta R.T. -0.001 min
 Lab File: BG064022.D
 Acq: 6 Feb 2025 17:52

Tgt Ion:107 Resp: 189609
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.2 28.8
 142 74.1 58.9 88.3

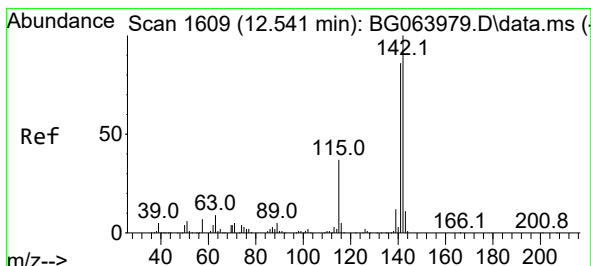
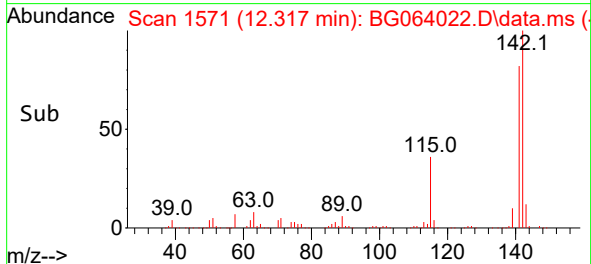
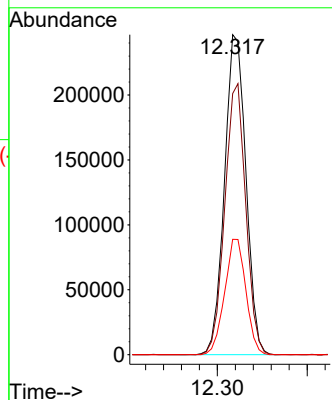
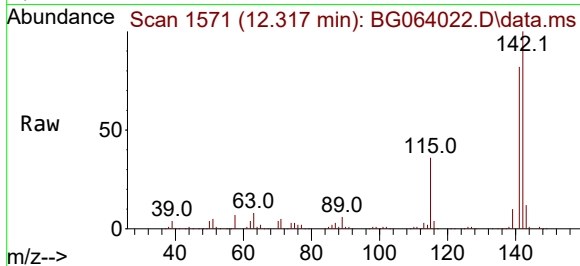




#37
2-Methylnaphthalene
Concen: 39.960 ng
RT: 12.317 min Scan# 1571
Delta R.T. -0.007 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

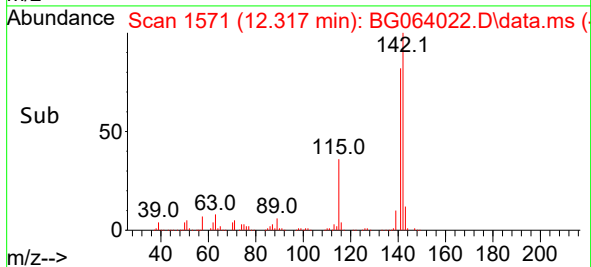
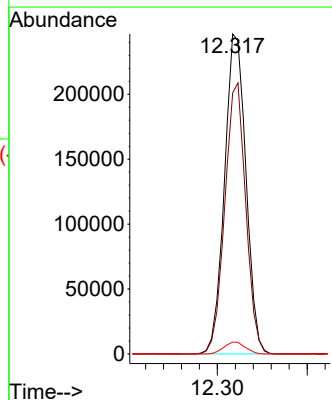
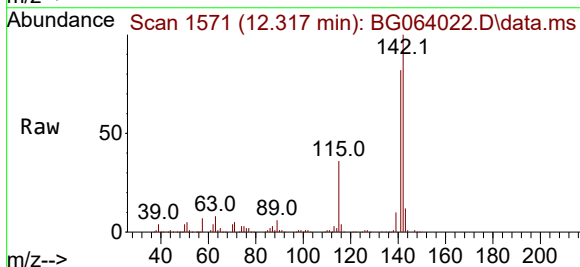
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

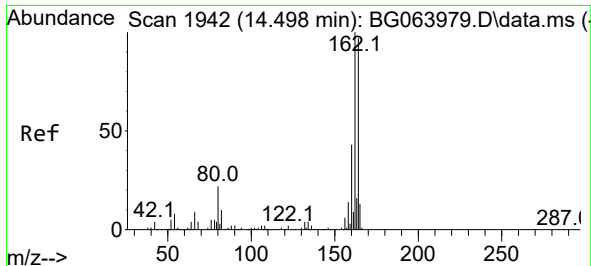
Tgt Ion:142 Resp: 408549
Ion Ratio Lower Upper
142 100
141 81.6 65.8 98.8
115 36.0 28.9 43.3



#38
1-Methylnaphthalene
Concen: 40.386 ng
RT: 12.317 min Scan# 1571
Delta R.T. -0.224 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:142 Resp: 408549
Ion Ratio Lower Upper
142 100
141 81.6 69.2 103.8
116 3.7 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.497 min Scan# 1942

Delta R.T. -0.001 min

Lab File: BG064022.D

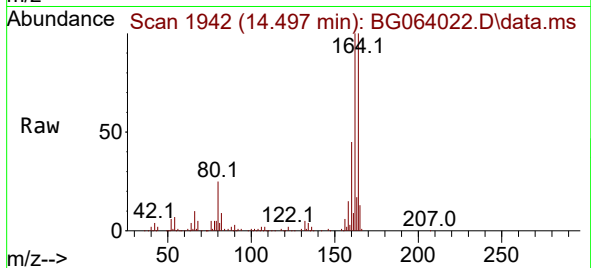
Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC



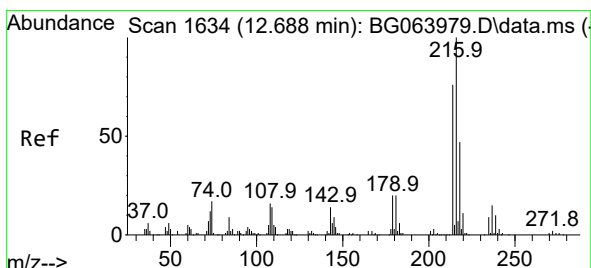
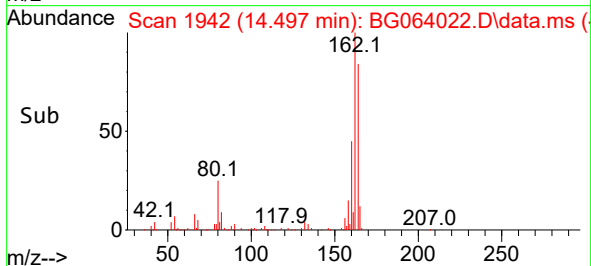
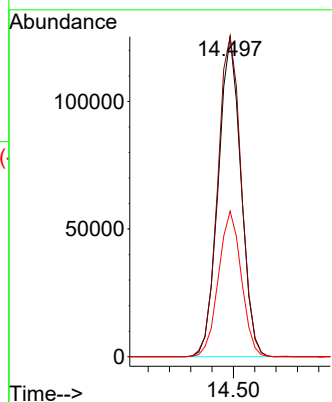
Tgt Ion:164 Resp: 184657

Ion Ratio Lower Upper

164 100

162 100.0 82.3 123.5

160 45.4 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.684 ng

RT: 12.687 min Scan# 1634

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Tgt Ion:216 Resp: 216094

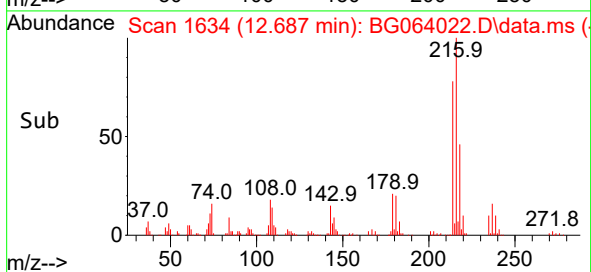
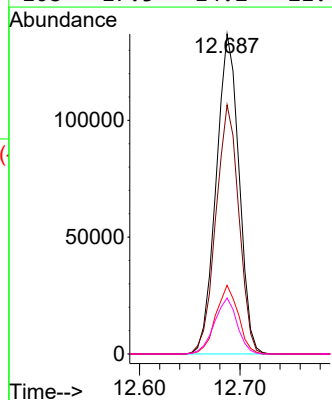
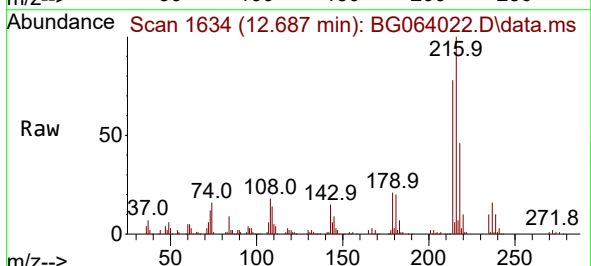
Ion Ratio Lower Upper

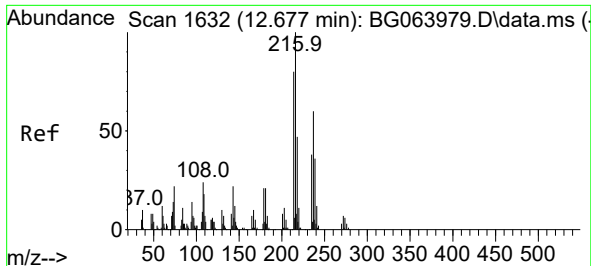
216 100

214 78.5 62.9 94.3

179 21.1 16.6 25.0

108 17.5 14.2 21.4

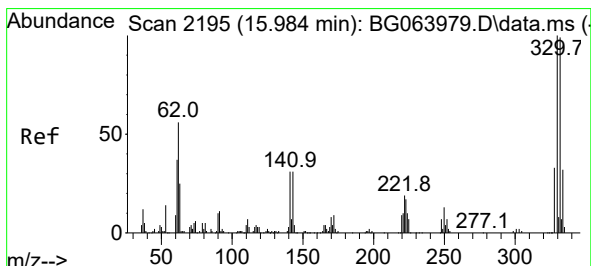
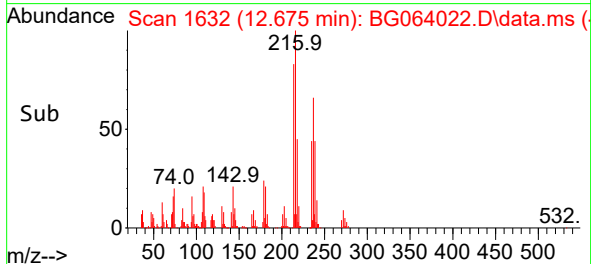
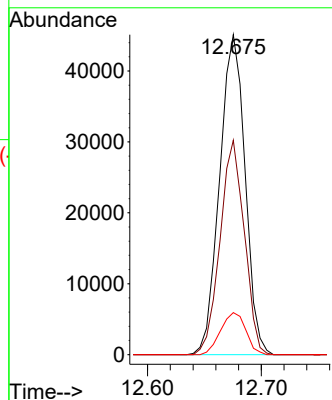
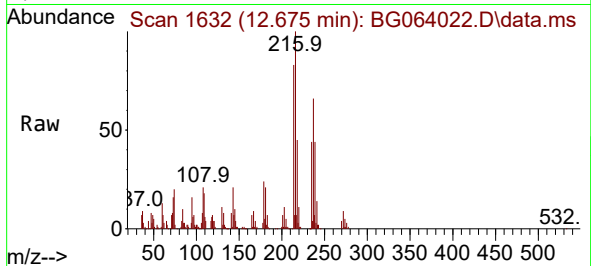




#41
Hexachlorocyclopentadiene
Concen: 50.869 ng
RT: 12.675 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

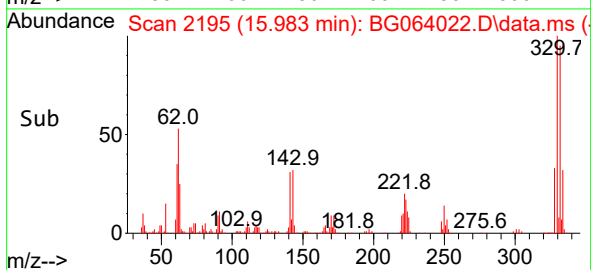
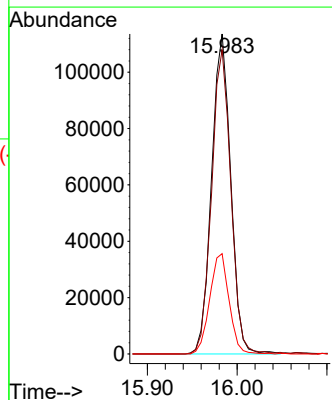
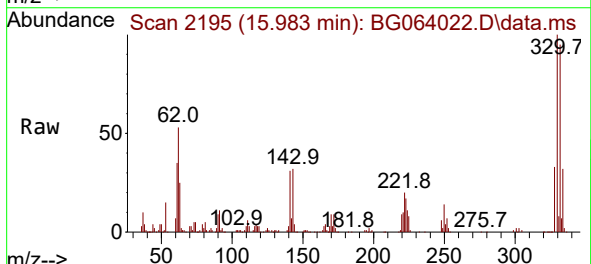
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

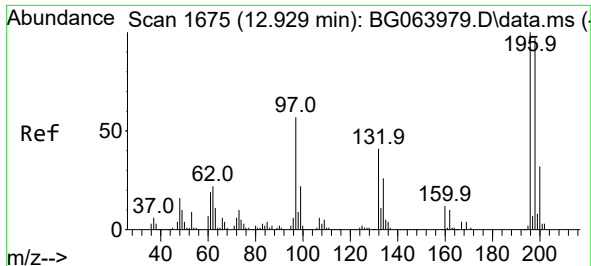
Tgt Ion:237 Resp: 70107
Ion Ratio Lower Upper
237 100
235 67.0 43.8 83.8
272 13.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 84.720 ng
RT: 15.983 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

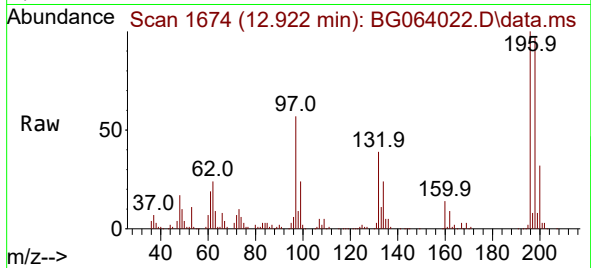
Tgt Ion:330 Resp: 167855
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.6
141 31.7 27.2 40.8



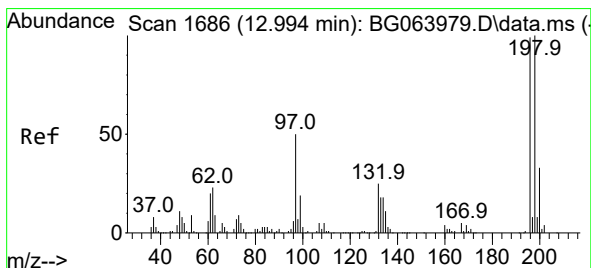
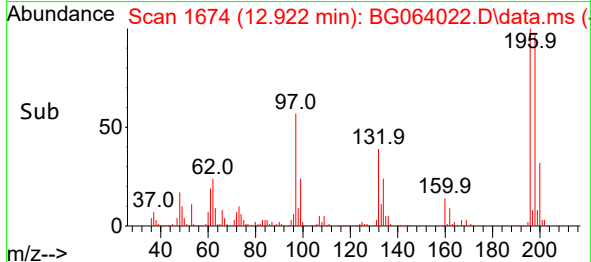
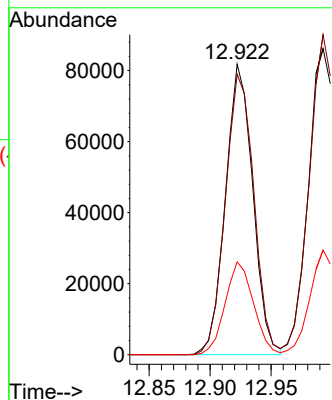


#43
2,4,6-Trichlorophenol
Concen: 40.811 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

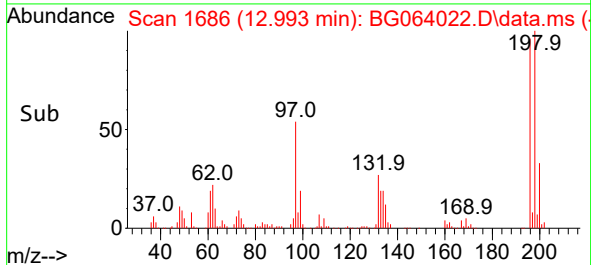
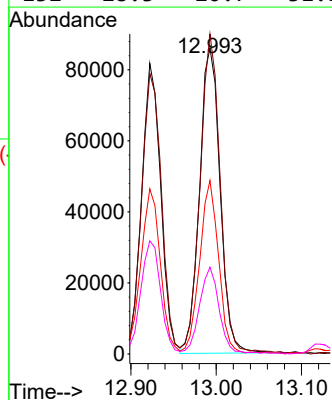
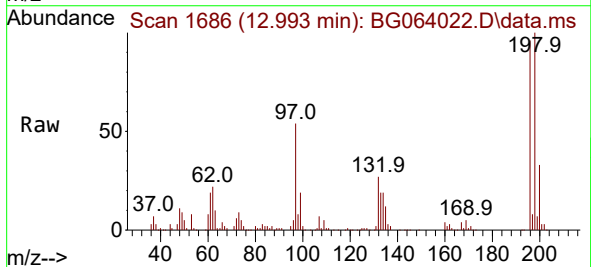


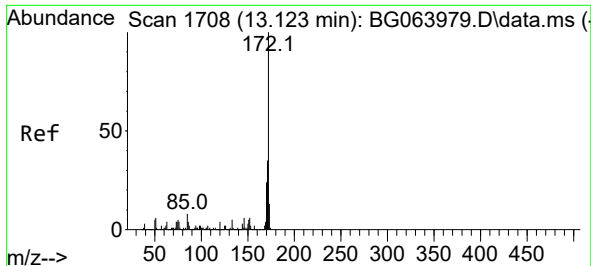
Tgt Ion:196 Resp: 128027
Ion Ratio Lower Upper
196 100
198 96.5 77.9 116.9
200 31.9 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 40.637 ng
RT: 12.993 min Scan# 1686
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:196 Resp: 143934
Ion Ratio Lower Upper
196 100
198 104.6 81.1 121.7
97 56.7 41.2 61.8
132 28.3 20.7 31.1

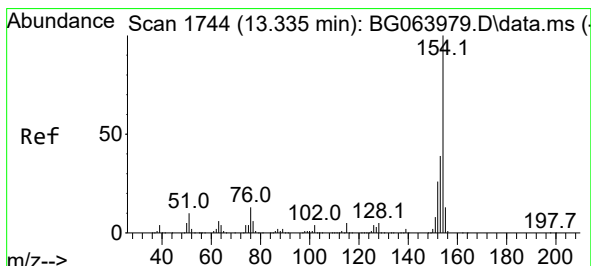
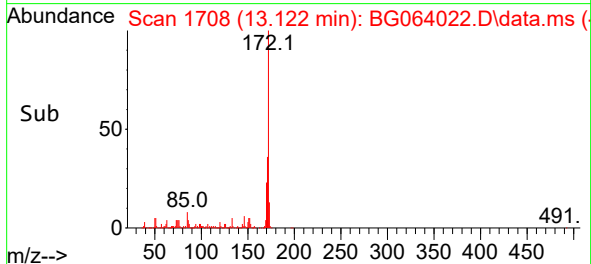
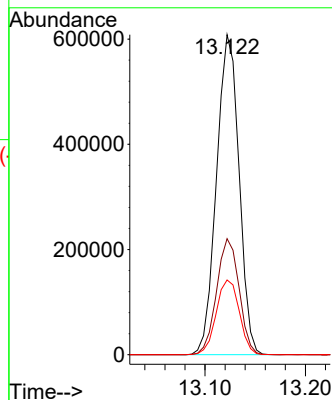
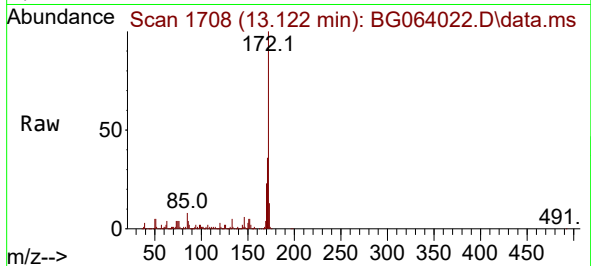




#45
2-Fluorobiphenyl
Concen: 78.447 ng
RT: 13.122 min Scan# 1708
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

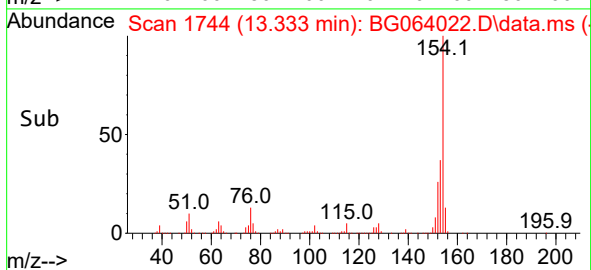
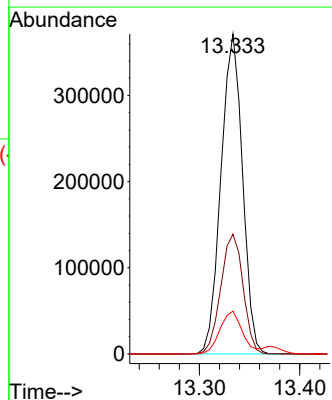
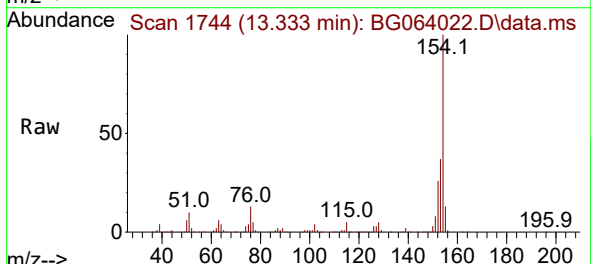
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

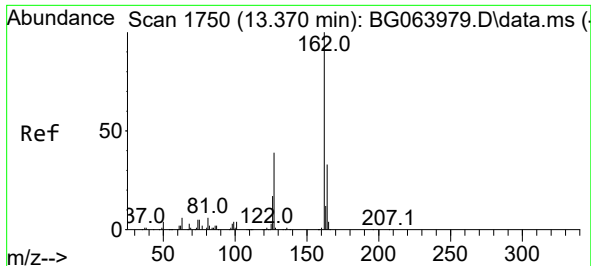
Tgt Ion:172 Resp: 945467
Ion Ratio Lower Upper
172 100
171 36.2 27.8 41.6
170 23.4 19.4 29.2



#46
1,1'-Biphenyl
Concen: 39.216 ng
RT: 13.333 min Scan# 1744
Delta R.T. -0.002 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:154 Resp: 551344
Ion Ratio Lower Upper
154 100
153 37.4 19.3 59.3
76 13.4 0.0 33.3

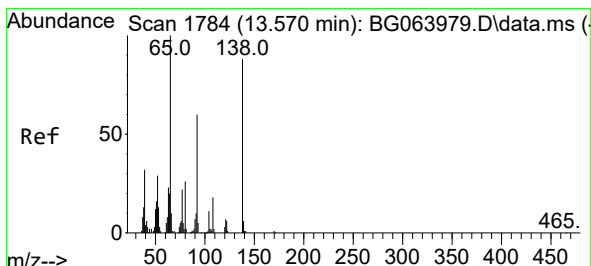
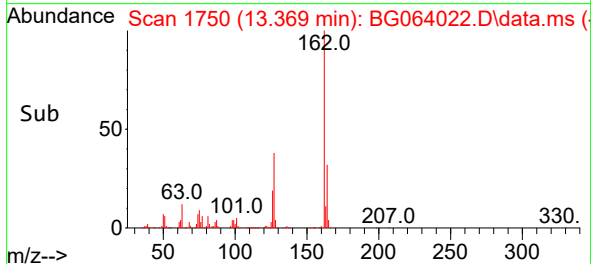
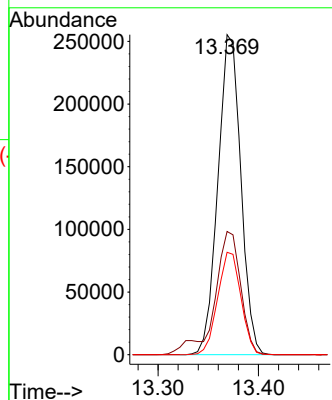
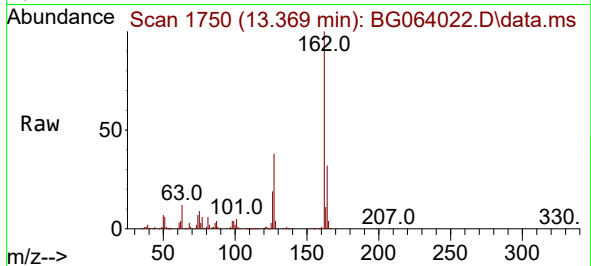




#47
2-Chloronaphthalene
Concen: 39.475 ng
RT: 13.369 min Scan# 1750
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

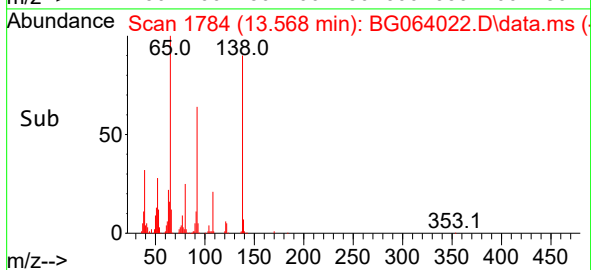
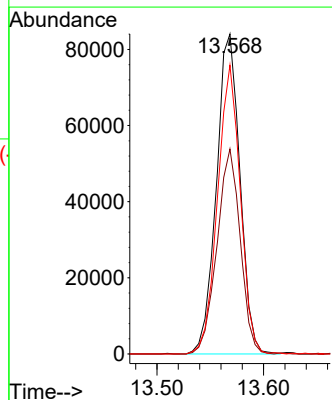
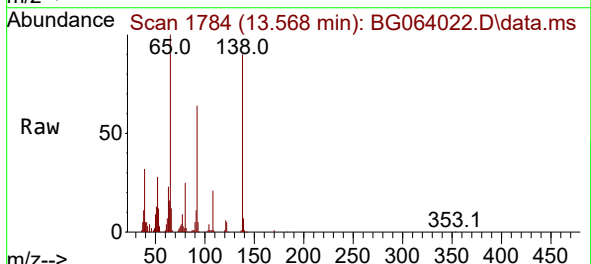
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

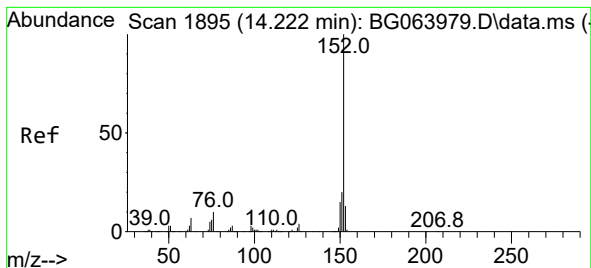
Tgt Ion:162 Resp: 404514
Ion Ratio Lower Upper
162 100
127 38.5 33.4 50.2
164 32.0 26.0 39.0



#48
2-Nitroaniline
Concen: 46.787 ng
RT: 13.568 min Scan# 1784
Delta R.T. -0.002 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion: 65 Resp: 128966
Ion Ratio Lower Upper
65 100
92 64.1 47.6 71.4
138 90.2 70.6 106.0





#49

Acenaphthylene

Concen: 39.334 ng

RT: 14.215 min Scan# 1894

Delta R.T. -0.007 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

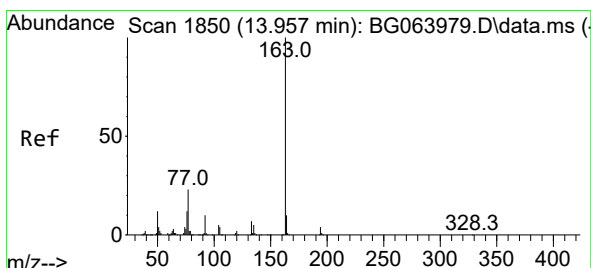
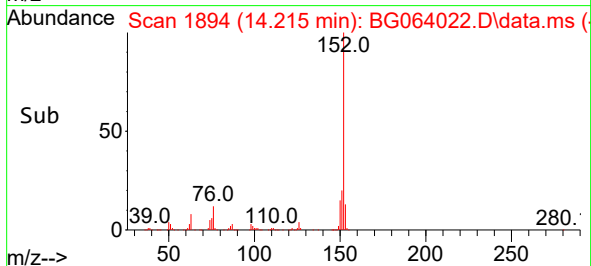
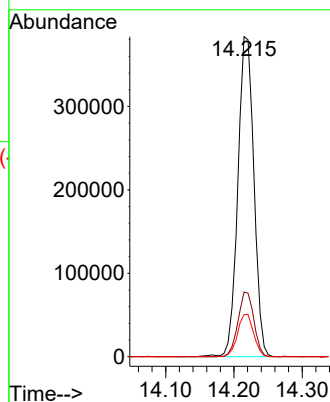
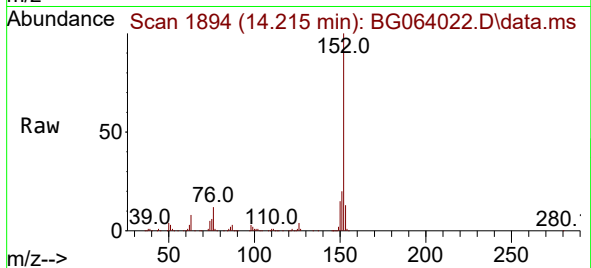
Tgt Ion:152 Resp: 626073

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 41.516 ng

RT: 13.956 min Scan# 1850

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

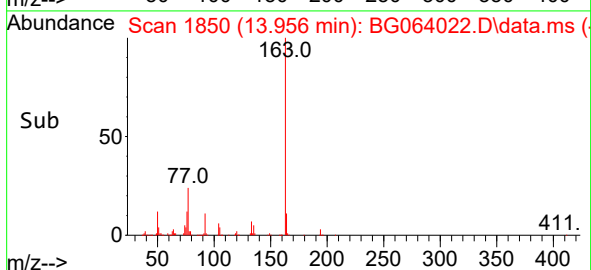
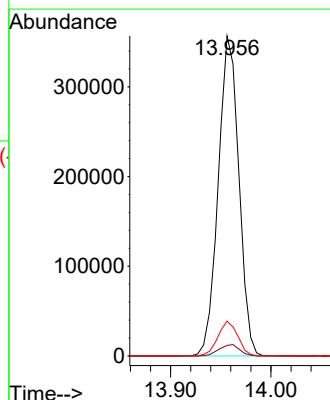
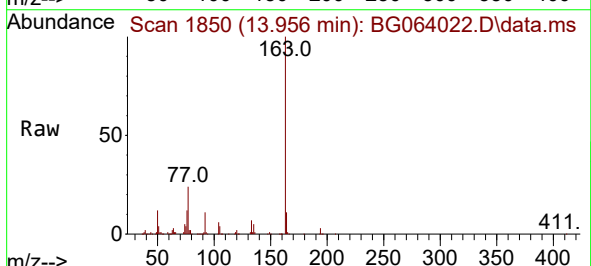
Tgt Ion:163 Resp: 508306

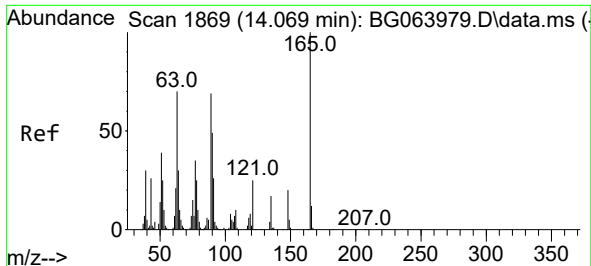
Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

164 10.8 8.0 12.0

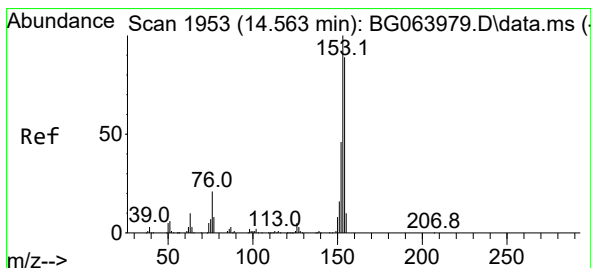
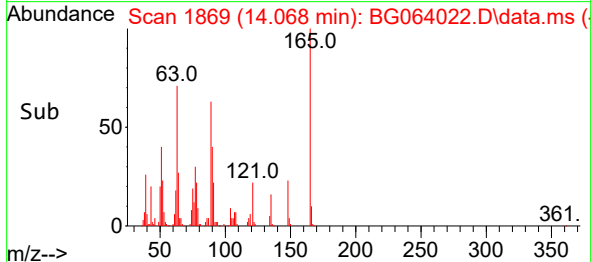
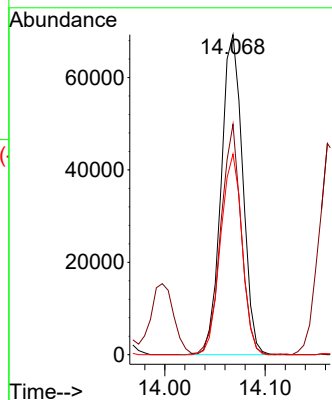
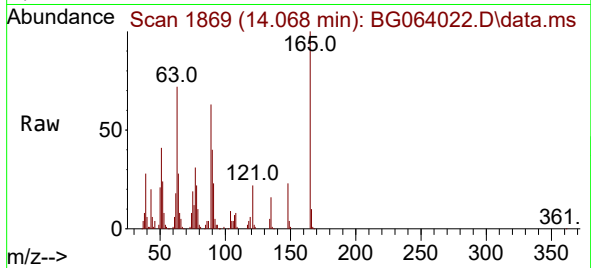




#51
2,6-Dinitrotoluene
Concen: 44.890 ng
RT: 14.068 min Scan# 1869
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

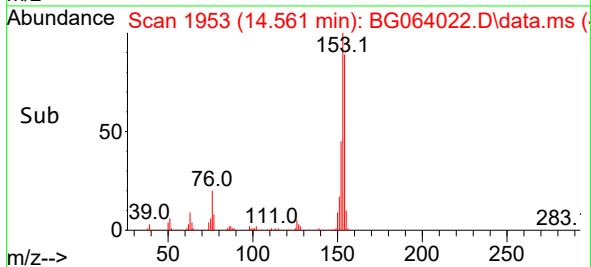
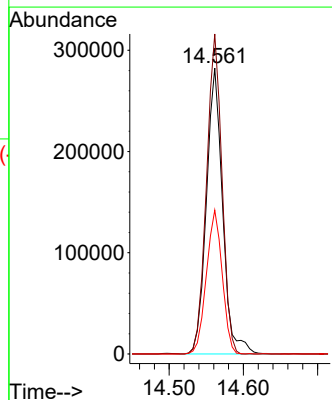
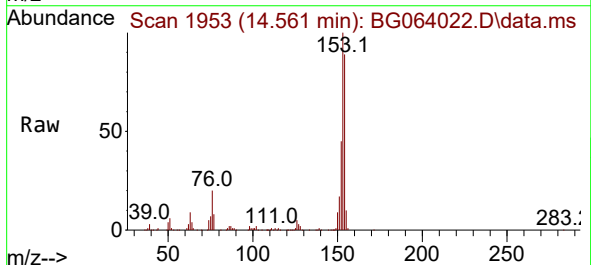
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

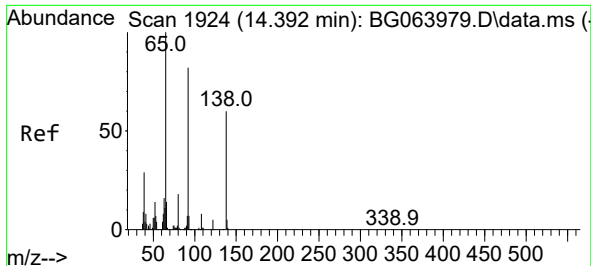
Tgt Ion:165 Resp: 102931
Ion Ratio Lower Upper
165 100
63 72.0 57.7 86.5
89 62.7 55.6 83.4



#52
Acenaphthene
Concen: 40.308 ng
RT: 14.561 min Scan# 1953
Delta R.T. -0.002 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:154 Resp: 430359
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.2
152 50.3 41.1 61.7

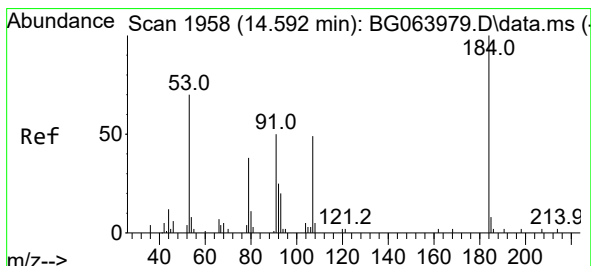
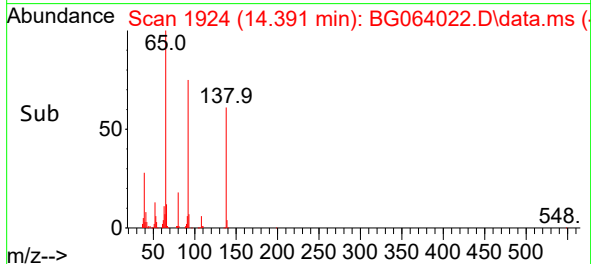
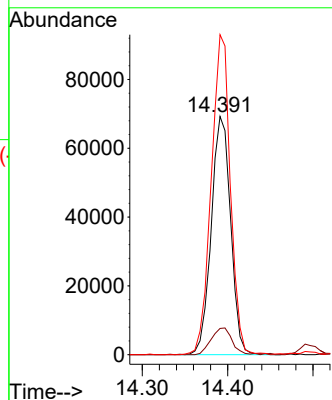
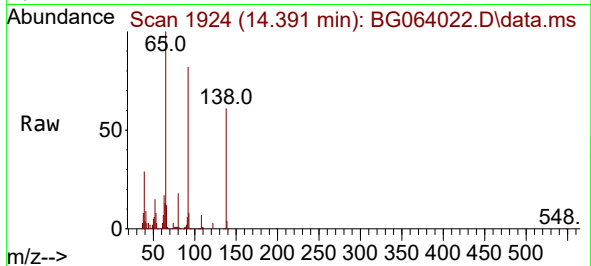




#53
3-Nitroaniline
Concen: 41.080 ng
RT: 14.391 min Scan# 1924
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

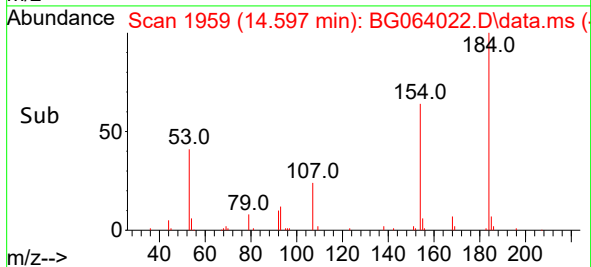
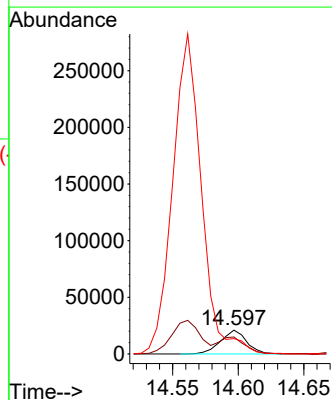
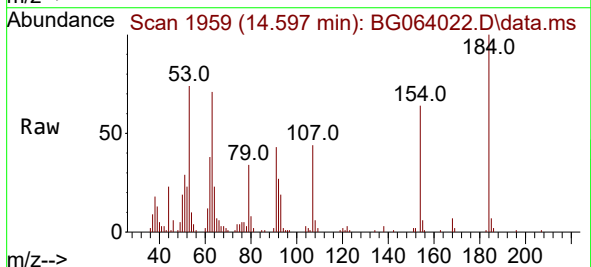
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

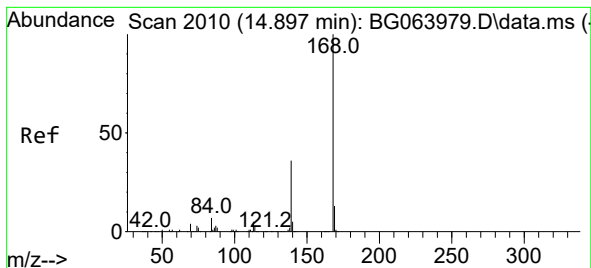
Tgt Ion:138 Resp: 109147
Ion Ratio Lower Upper
138 100
108 11.1 10.3 15.5
92 134.3 109.0 163.4



#54
2,4-Dinitrophenol
Concen: 49.820 ng
RT: 14.597 min Scan# 1959
Delta R.T. 0.005 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:184 Resp: 28862
Ion Ratio Lower Upper
184 100
63 71.0 67.3 100.9
154 64.3 65.9 98.9#





#55

Dibenzenofuran

Concen: 39.174 ng

RT: 14.896 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

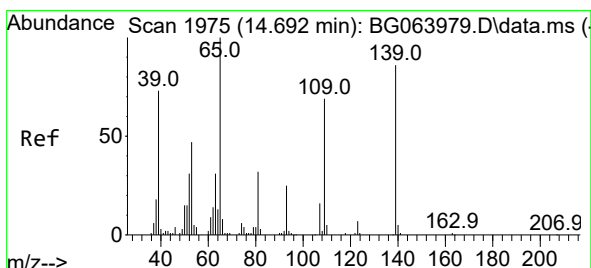
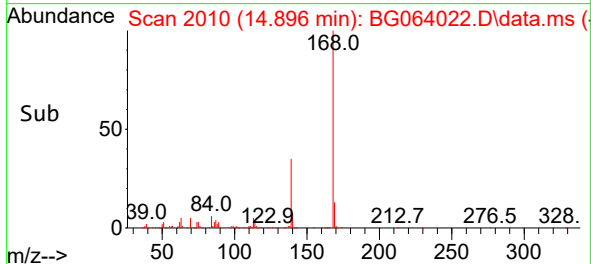
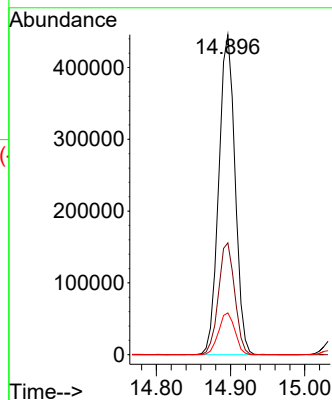
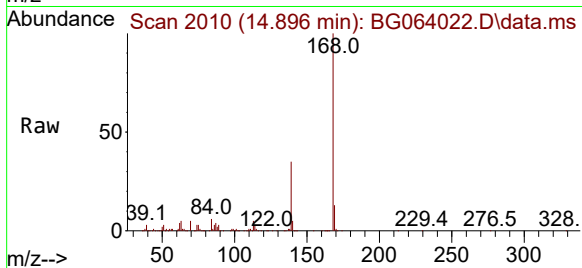
Tgt Ion:168 Resp: 679121

Ion Ratio Lower Upper

168 100

139 35.0 28.6 43.0

169 13.0 10.6 16.0



#56

4-Nitrophenol

Concen: 42.129 ng

RT: 14.697 min Scan# 1976

Delta R.T. 0.005 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

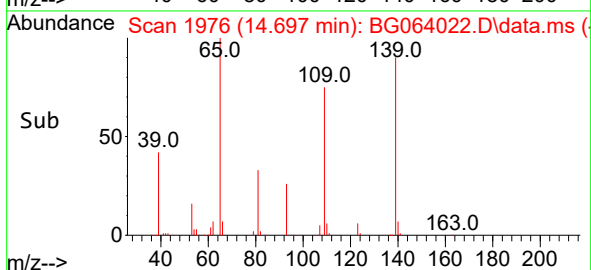
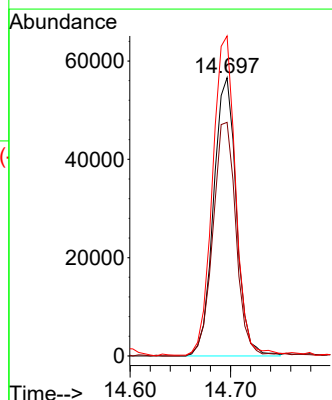
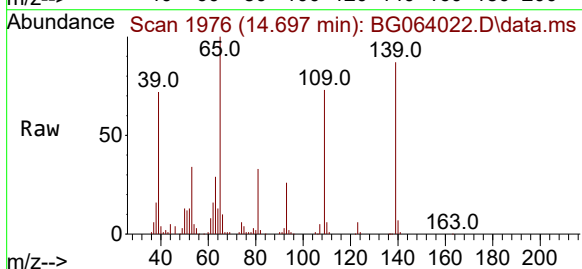
Tgt Ion:139 Resp: 89195

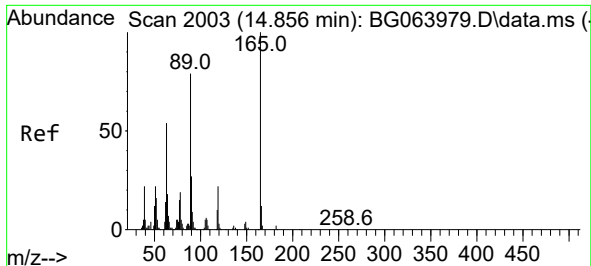
Ion Ratio Lower Upper

139 100

109 84.0 60.1 100.1

65 115.0 96.2 136.2





#57

2,4-Dinitrotoluene

Concen: 46.078 ng

RT: 14.849 min Scan# 2003

Delta R.T. -0.007 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 138454

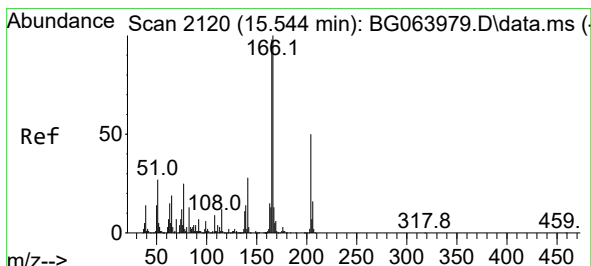
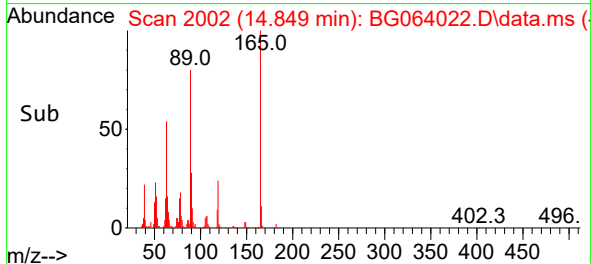
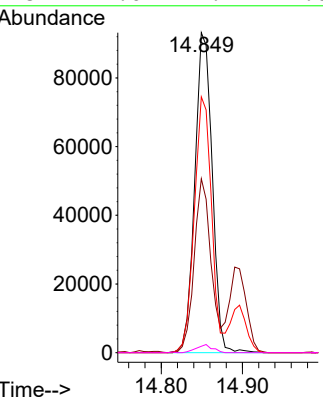
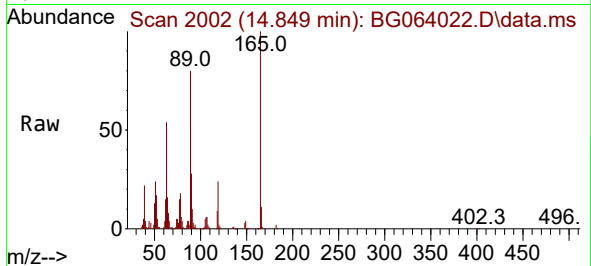
Ion Ratio Lower Upper

165 100

63 54.4 43.6 65.4

89 79.9 63.1 94.7

182 2.0 1.4 2.0



#58

Fluorene

Concen: 38.774 ng

RT: 15.543 min Scan# 2120

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

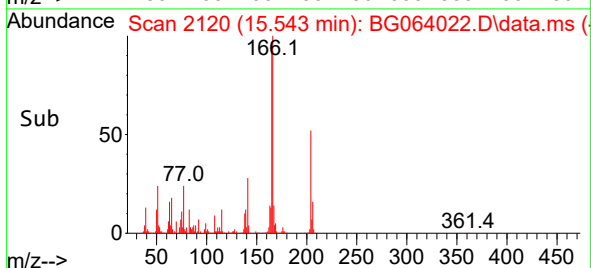
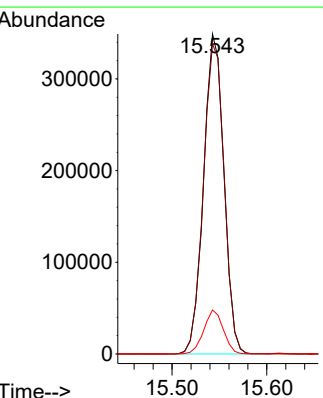
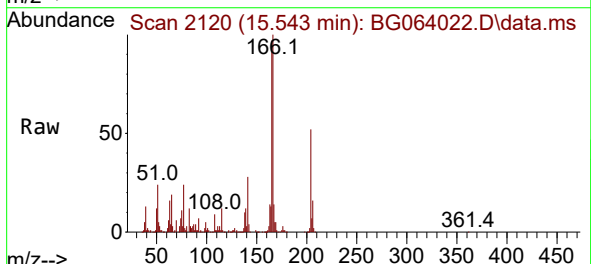
Tgt Ion:166 Resp: 519549

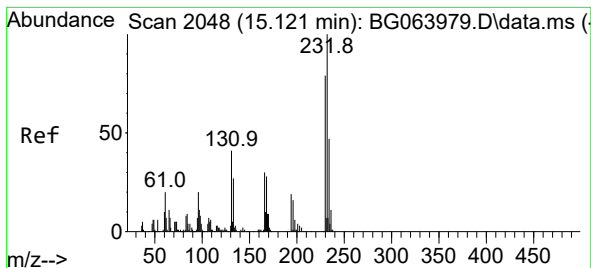
Ion Ratio Lower Upper

166 100

165 96.9 78.7 118.1

167 13.7 10.1 15.1

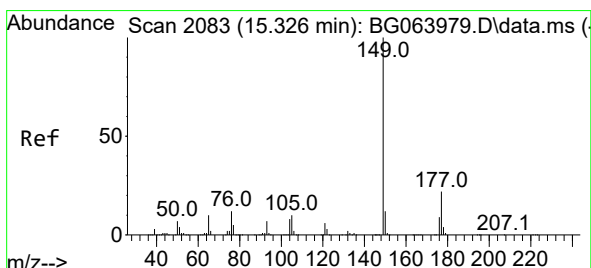
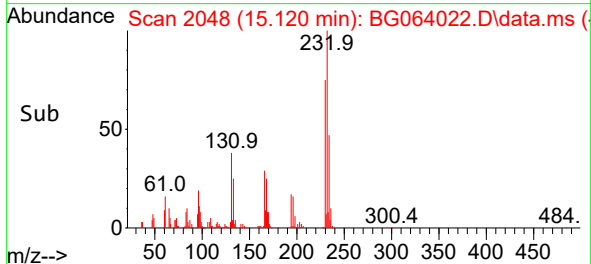
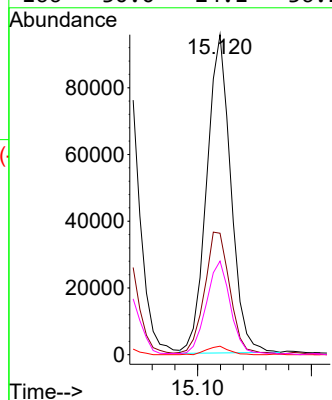
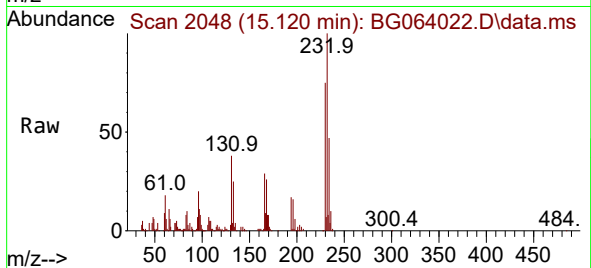




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.157 ng
RT: 15.120 min Scan# 2048
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

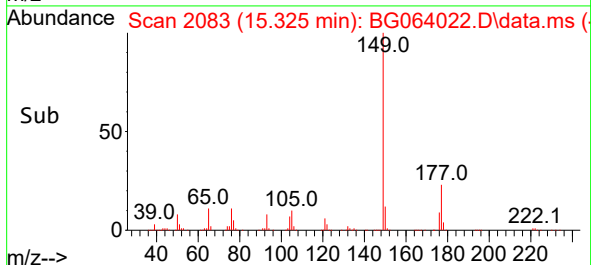
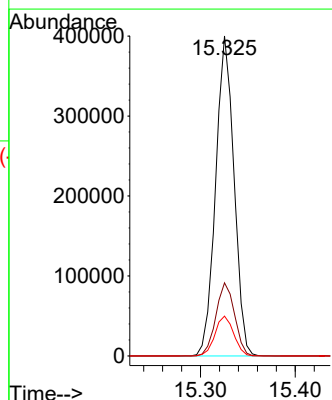
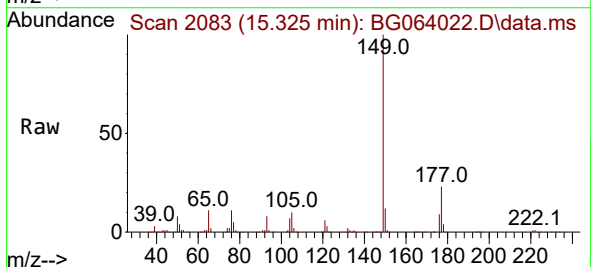
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

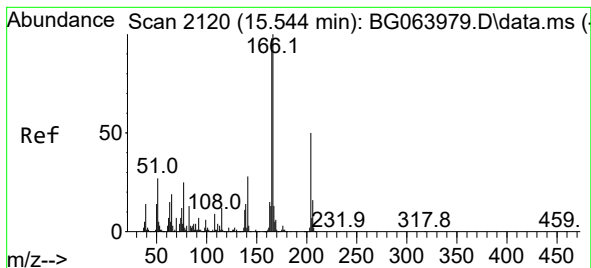
Tgt Ion:232 Resp: 140153
Ion Ratio Lower Upper
232 100
131 40.6 34.0 51.0
130 2.5 2.2 3.4
166 30.0 24.1 36.1



#60
Diethylphthalate
Concen: 41.438 ng
RT: 15.325 min Scan# 2083
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:149 Resp: 537909
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.4 9.7 14.5

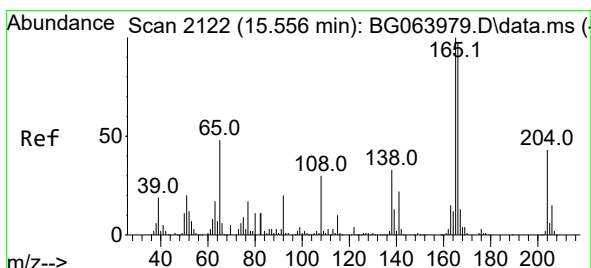
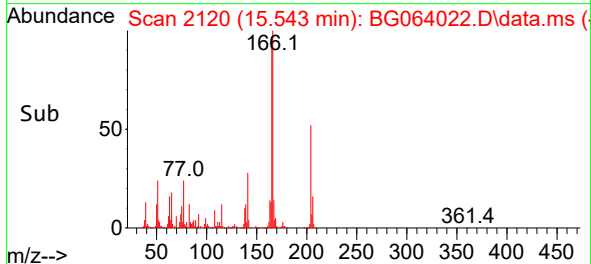
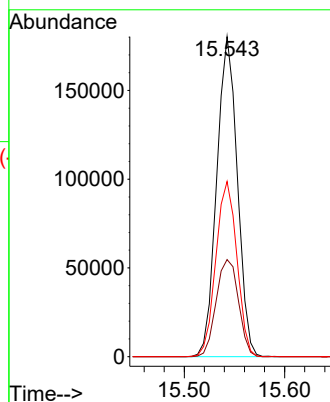
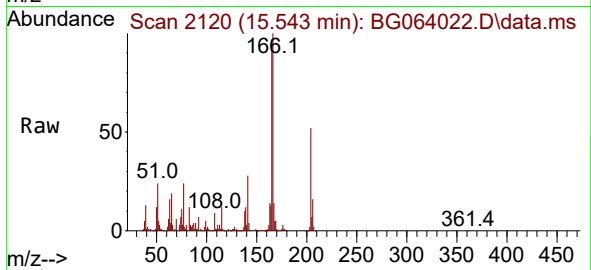




#61
4-Chlorophenyl-phenylether
Concen: 38.128 ng
RT: 15.543 min Scan# 2120
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

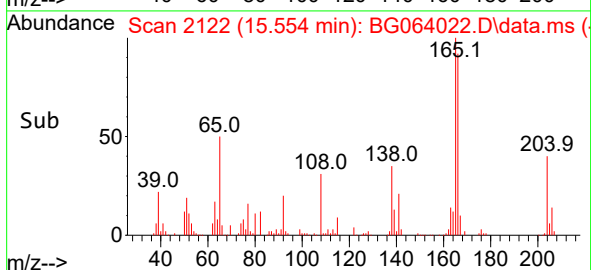
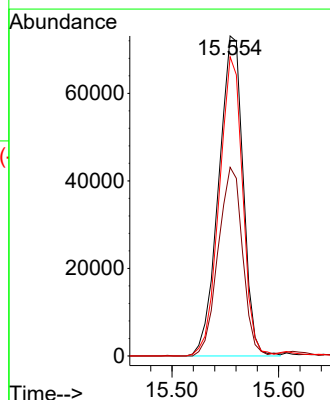
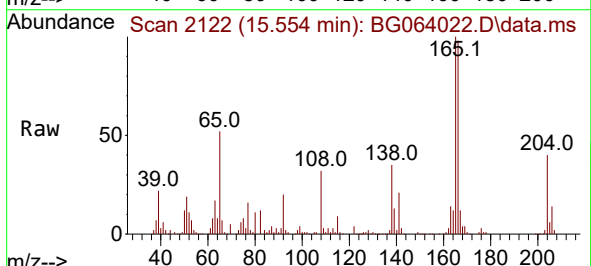
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

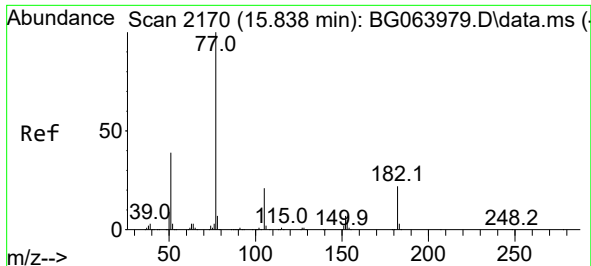
Tgt Ion:204 Resp: 256337
Ion Ratio Lower Upper
204 100
206 30.3 25.8 38.6
141 54.8 44.6 67.0



#62
4-Nitroaniline
Concen: 40.879 ng
RT: 15.554 min Scan# 2122
Delta R.T. -0.002 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:138 Resp: 116553
Ion Ratio Lower Upper
138 100
92 58.9 40.3 80.3
108 93.5 69.3 109.3

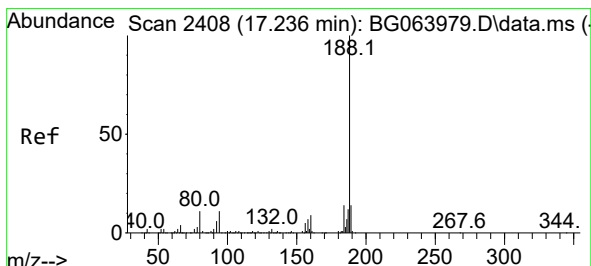
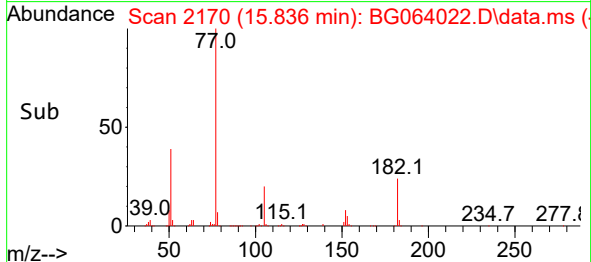
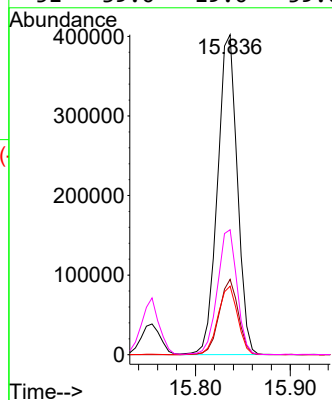
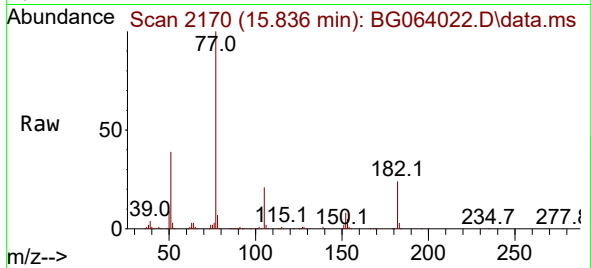




#63
Azobenzene
Concen: 38.031 ng
RT: 15.836 min Scan# 2170
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

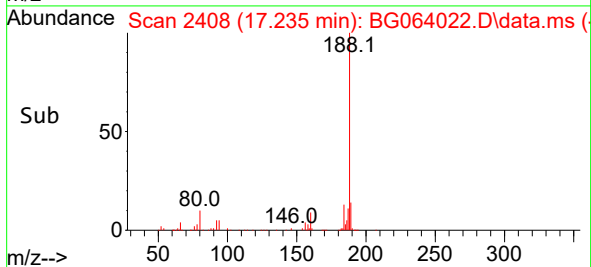
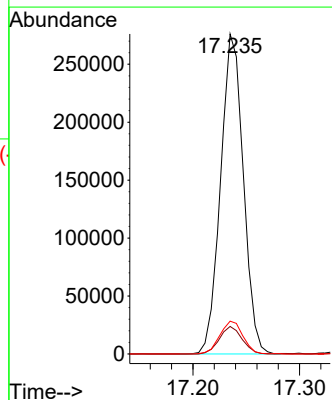
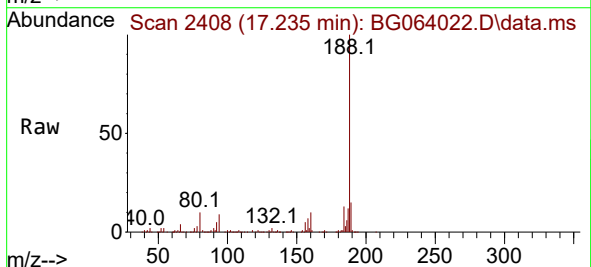
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

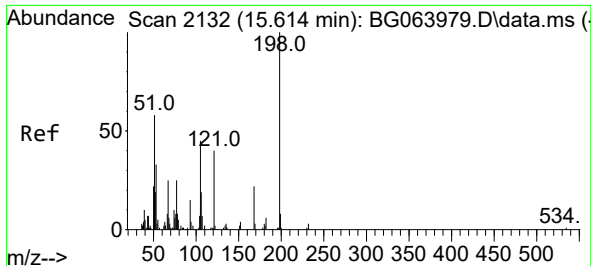
Tgt Ion: 77	Resp: 583105
Ion Ratio	Lower Upper
77 100	
182 23.6	2.3 42.3
105 21.4	1.0 41.0
51 39.0	19.0 59.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.235 min Scan# 2408
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:188	Resp: 408809		
Ion Ratio	Lower	Upper	
188 100			
94 8.6	8.6	13.0#	
80 10.2	8.5	12.7	

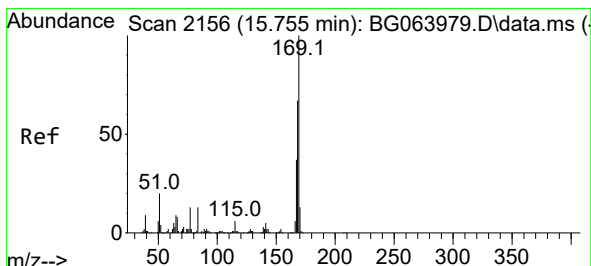
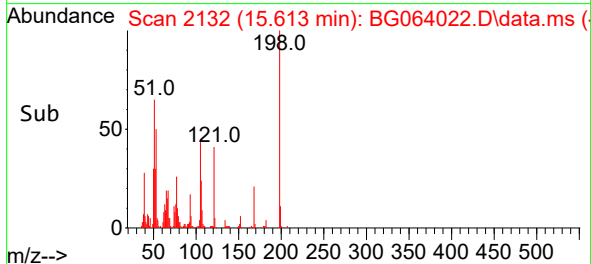
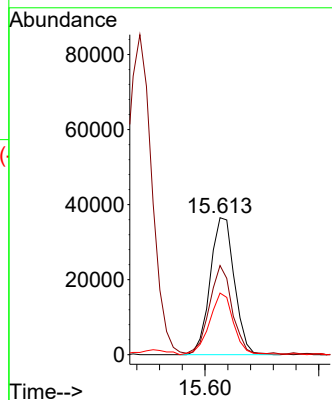
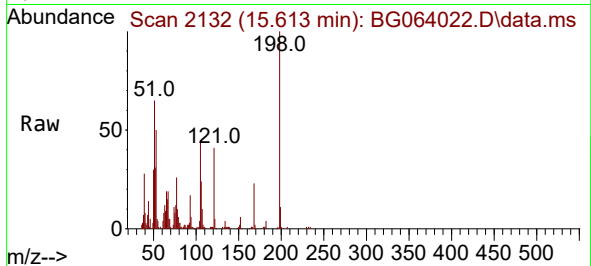




#65
4,6-Dinitro-2-methylphenol
Concen: 51.587 ng
RT: 15.613 min Scan# 2132
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

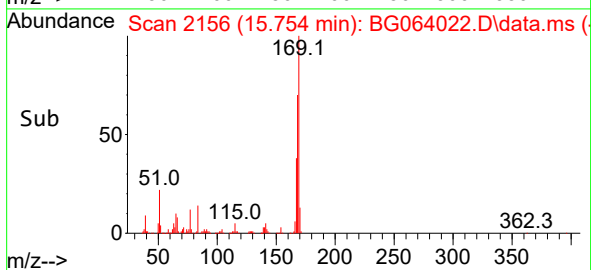
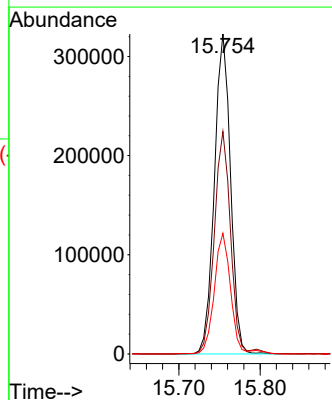
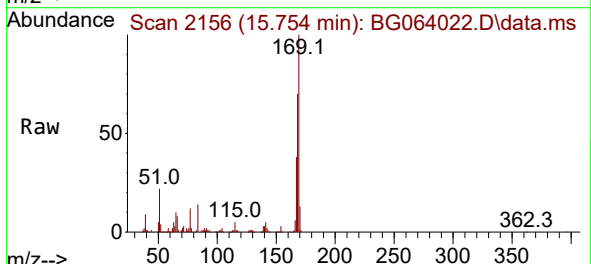
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

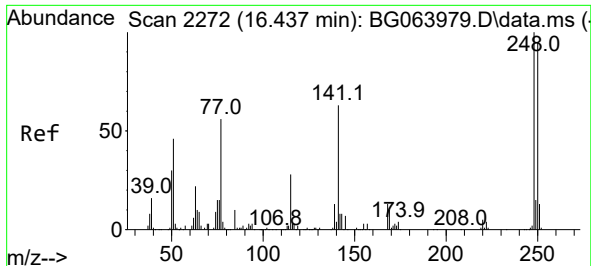
Tgt Ion:198 Resp: 53842
Ion Ratio Lower Upper
198 100
51 65.1 45.4 85.4
105 45.0 27.7 67.7



#66
n-Nitrosodiphenylamine
Concen: 39.275 ng
RT: 15.754 min Scan# 2156
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:169 Resp: 445167
Ion Ratio Lower Upper
169 100
168 69.5 53.5 80.3
167 37.7 30.0 45.0

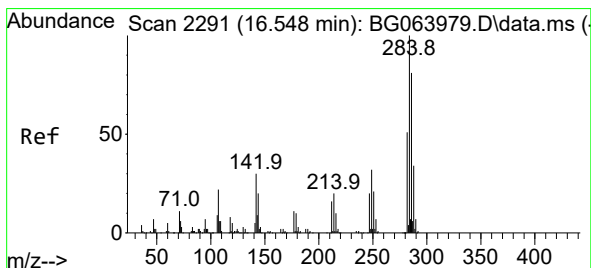
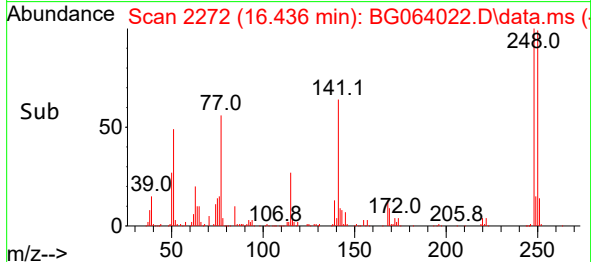
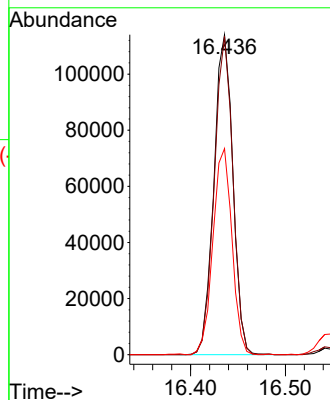
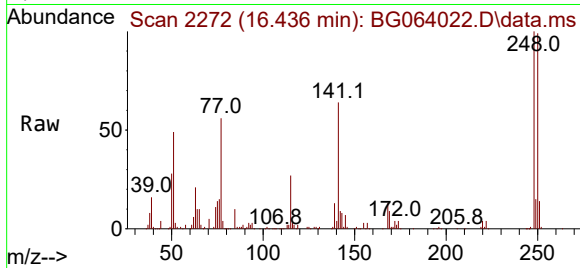




#67
4-Bromophenyl-phenylether
Concen: 38.935 ng
RT: 16.436 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

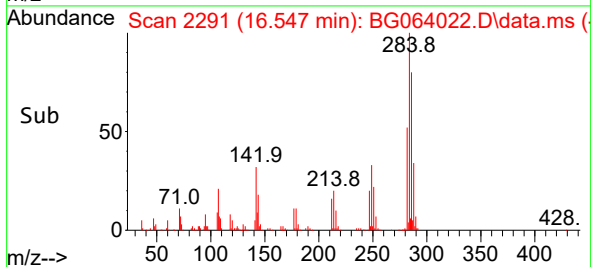
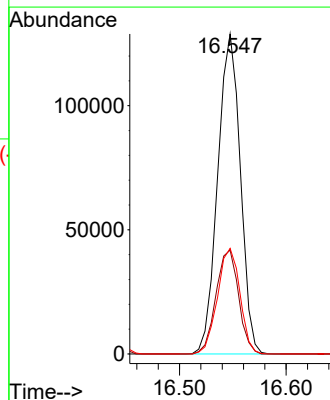
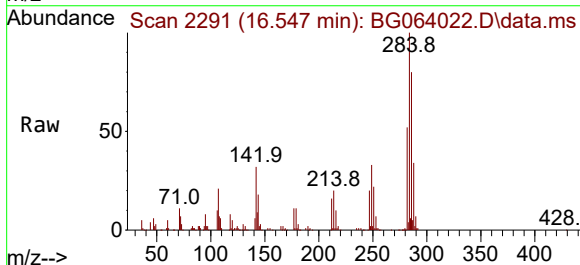
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

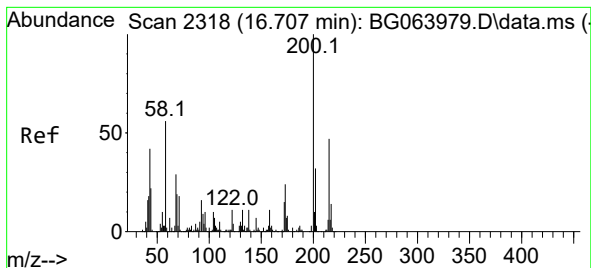
Tgt Ion:248 Resp: 158429
Ion Ratio Lower Upper
248 100
250 99.5 76.2 114.4
141 64.4 50.6 75.8



#68
Hexachlorobenzene
Concen: 39.643 ng
RT: 16.547 min Scan# 2291
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:284 Resp: 189648
Ion Ratio Lower Upper
284 100
142 32.5 23.8 35.8
249 33.0 25.9 38.9





#69

Atrazine

Concen: 38.715 ng

RT: 16.706 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

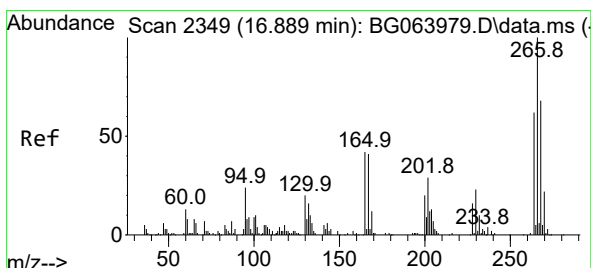
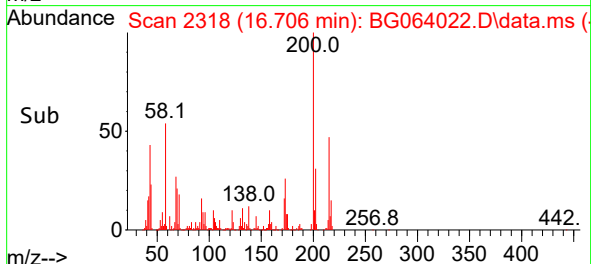
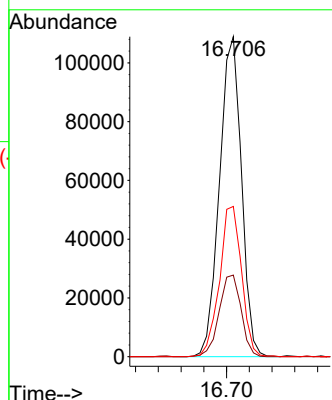
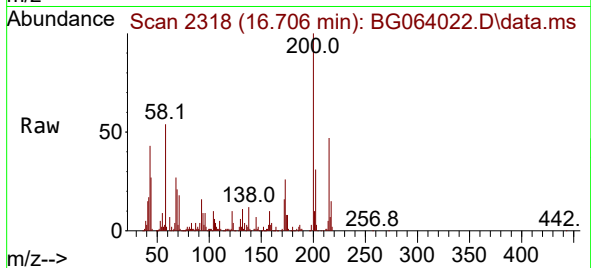
Tgt Ion:200 Resp: 146030

Ion Ratio Lower Upper

200 100

173 25.5 3.8 43.8

215 47.0 26.6 66.6



#70

Pentachlorophenol

Concen: 43.009 ng

RT: 16.888 min Scan# 2349

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

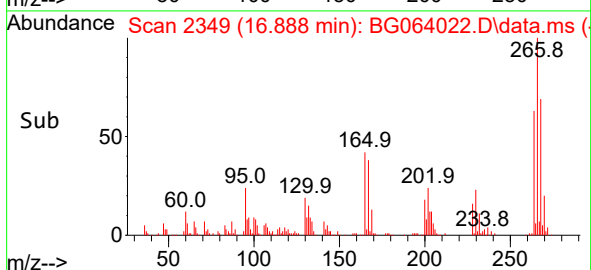
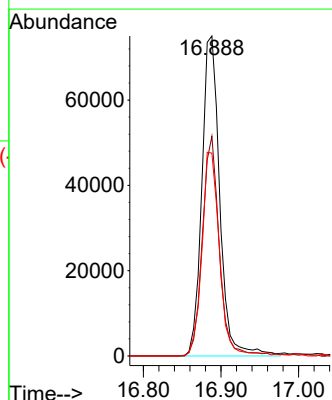
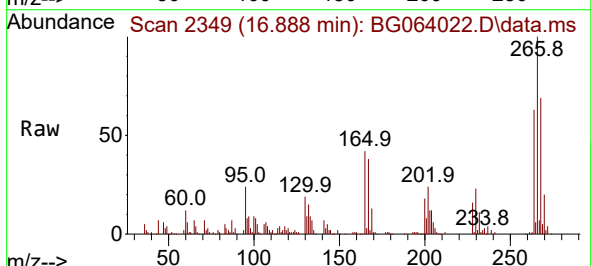
Tgt Ion:266 Resp: 120336

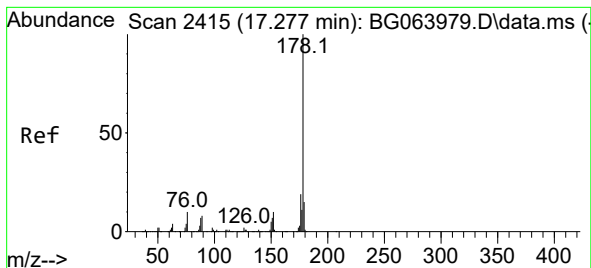
Ion Ratio Lower Upper

266 100

268 68.6 54.8 82.2

264 63.4 50.0 75.0





#71

Phenanthrene

Concen: 39.120 ng

RT: 17.282 min Scan# 2416

Delta R.T. 0.005 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

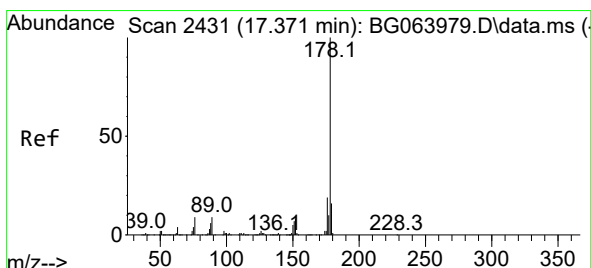
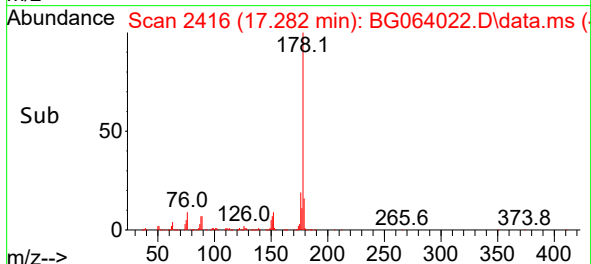
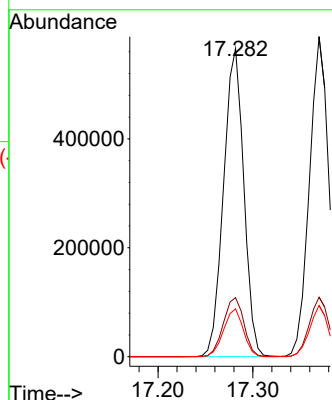
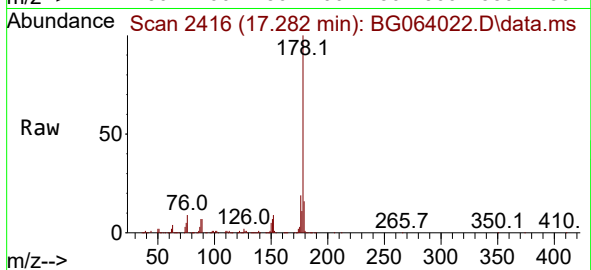
Tgt Ion:178 Resp: 839972

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.5 12.2 18.4



#72

Anthracene

Concen: 39.156 ng

RT: 17.370 min Scan# 2431

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

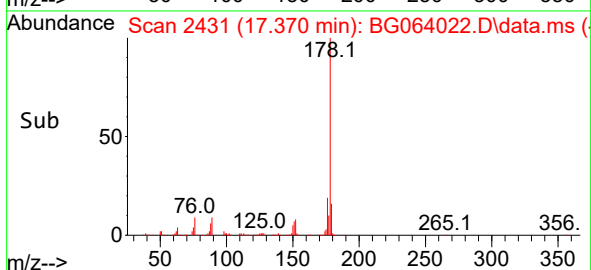
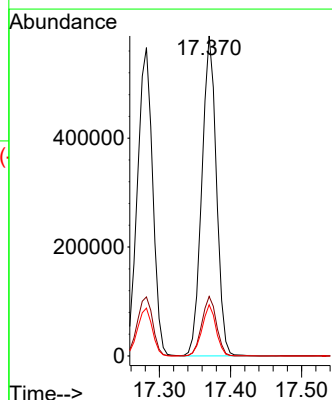
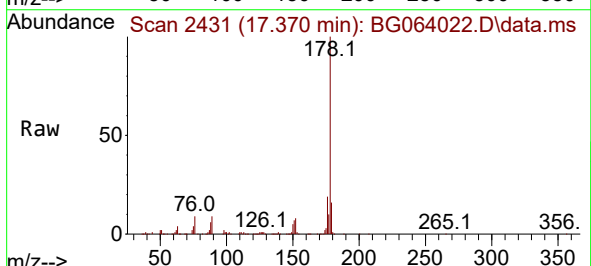
Tgt Ion:178 Resp: 841259

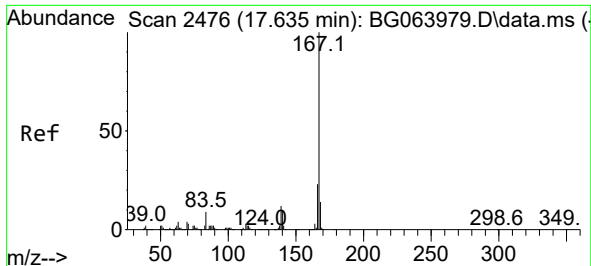
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 16.0 12.8 19.2

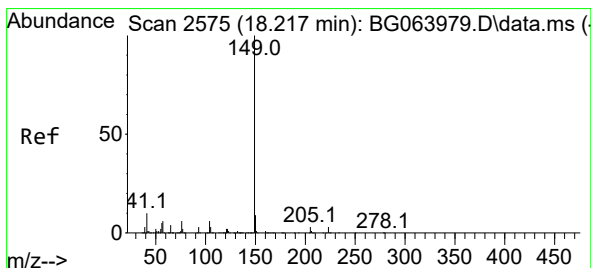
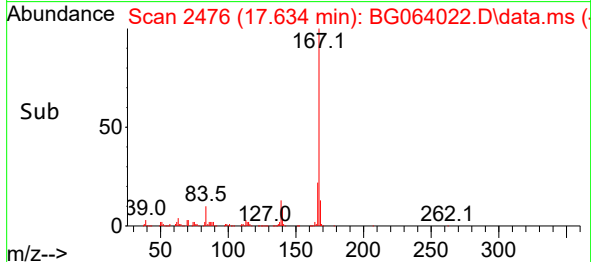
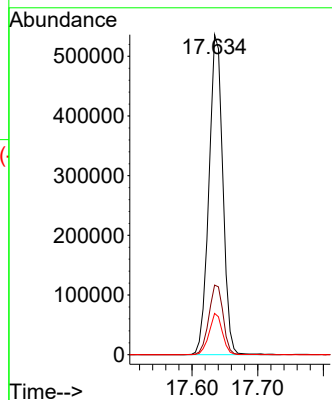
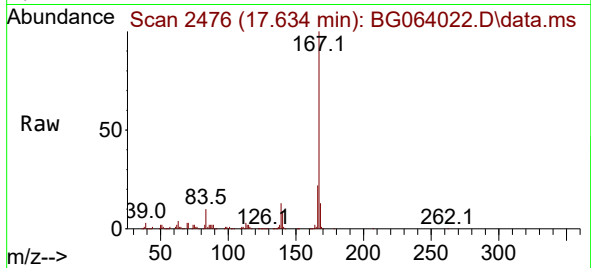




#73
 Carbazole
 Concen: 39.271 ng
 RT: 17.634 min Scan# 2476
 Delta R.T. -0.001 min
 Lab File: BG064022.D
 Acq: 6 Feb 2025 17:52

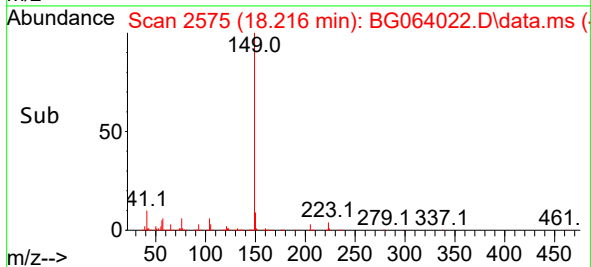
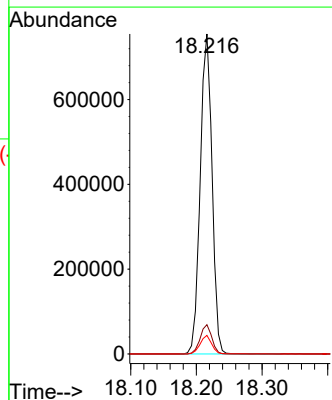
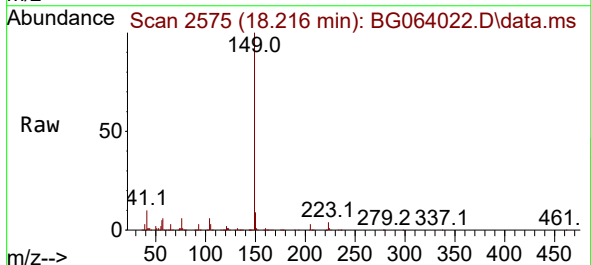
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

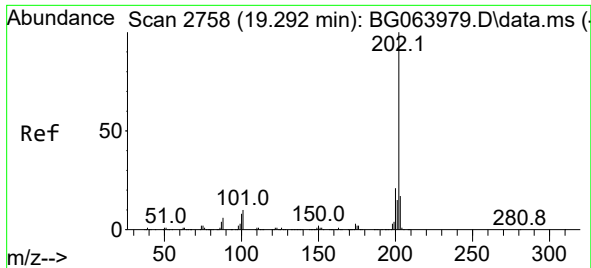
Tgt Ion:167 Resp: 789851
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.6 28.0
 139 12.9 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 45.133 ng
 RT: 18.216 min Scan# 2575
 Delta R.T. -0.001 min
 Lab File: BG064022.D
 Acq: 6 Feb 2025 17:52

Tgt Ion:149 Resp: 946215
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.8 4.6 6.8

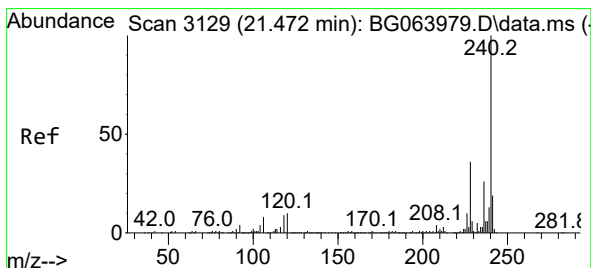
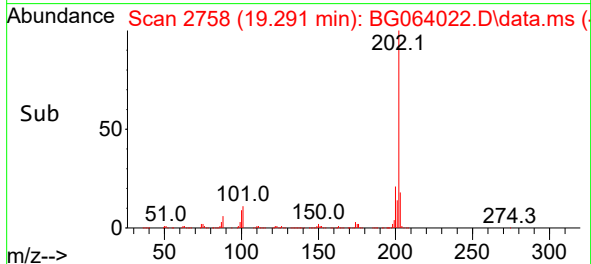
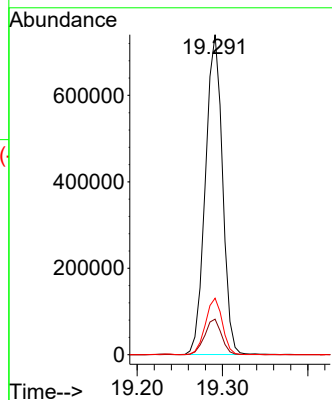
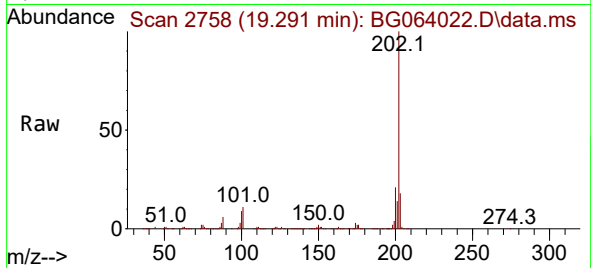




#75
Fluoranthene
Concen: 39.328 ng
RT: 19.291 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

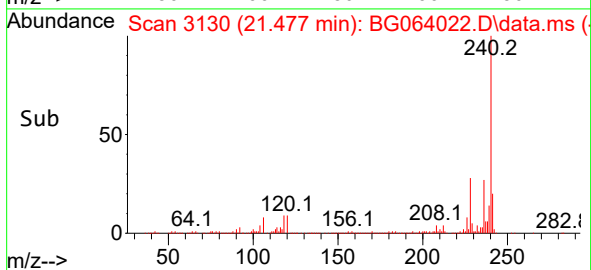
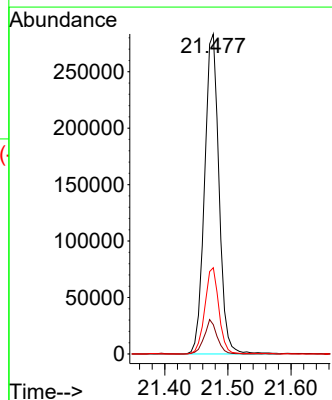
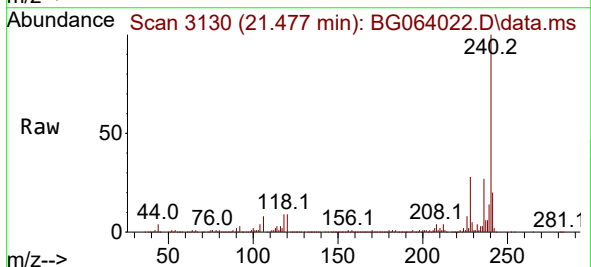
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

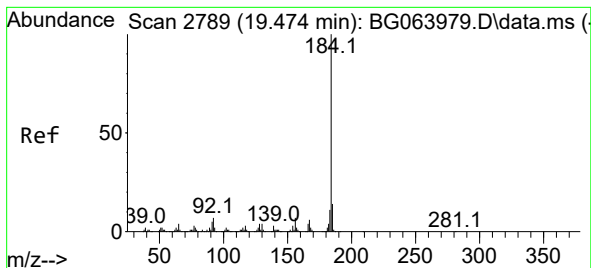
Tgt Ion:202 Resp: 1028272
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.4
203 17.6 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3130
Delta R.T. 0.005 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:240 Resp: 449843
Ion Ratio Lower Upper
240 100
120 9.1 7.9 11.9
236 26.9 21.0 31.6





#77

Benzidine

Concen: 40.324 ng

RT: 19.473 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

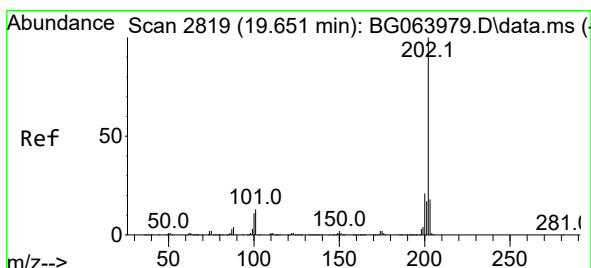
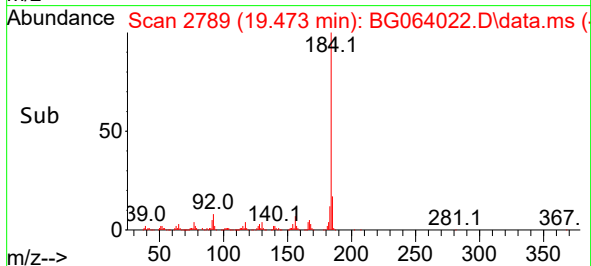
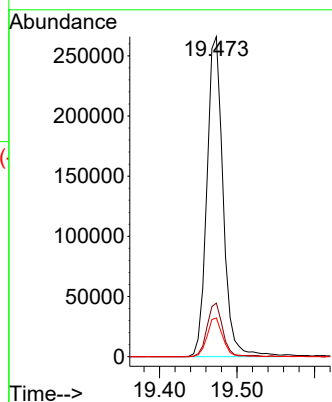
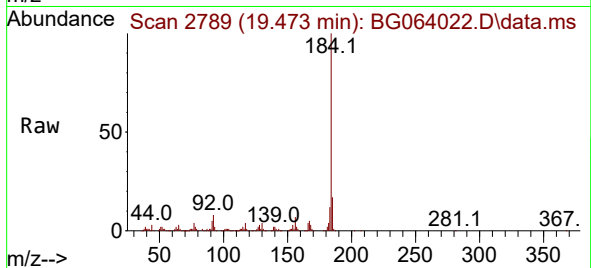
Tgt Ion:184 Resp: 386263

Ion Ratio Lower Upper

184 100

185 16.8 11.2 16.8

183 12.1 8.7 13.1



#78

Pyrene

Concen: 38.788 ng

RT: 19.650 min Scan# 2819

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

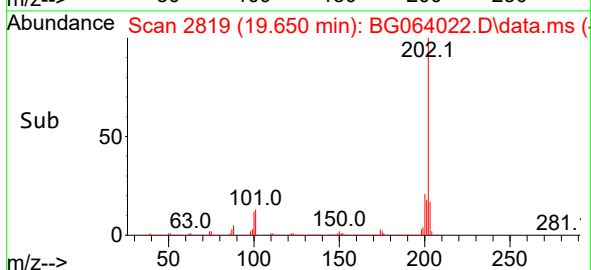
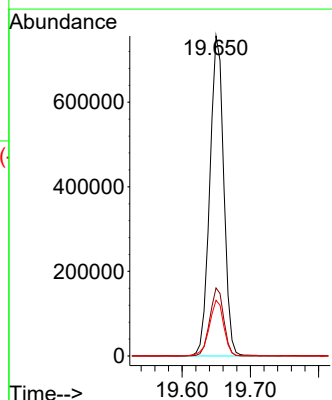
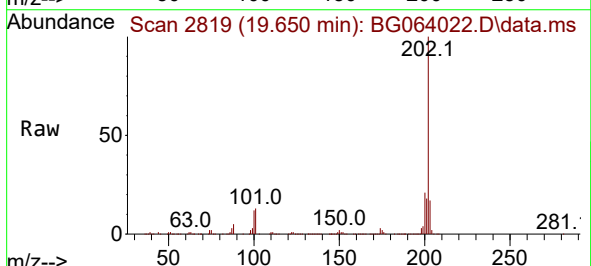
Tgt Ion:202 Resp: 1077192

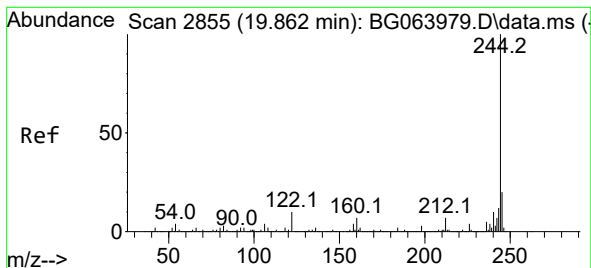
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.4 14.5 21.7





#79

Terphenyl-d14

Concen: 77.589 ng

RT: 19.861 min Scan# 2855

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

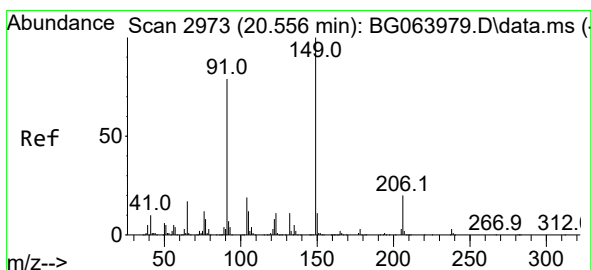
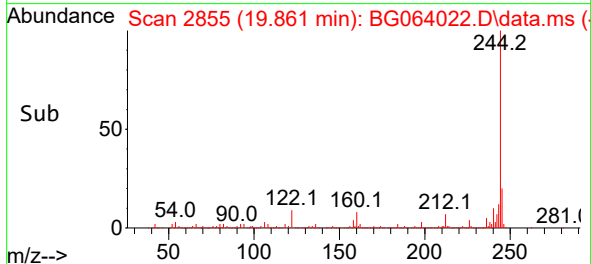
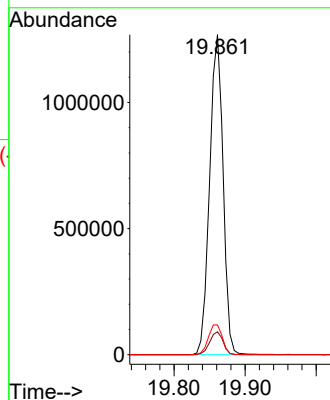
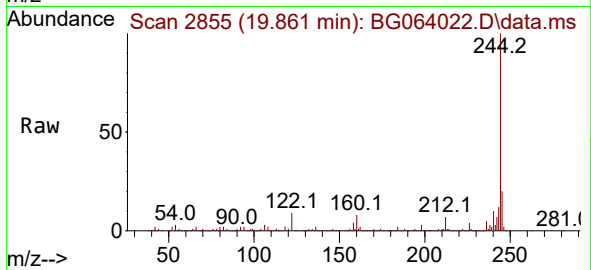
Tgt Ion:244 Resp: 1671232

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 41.537 ng

RT: 20.554 min Scan# 2973

Delta R.T. -0.002 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

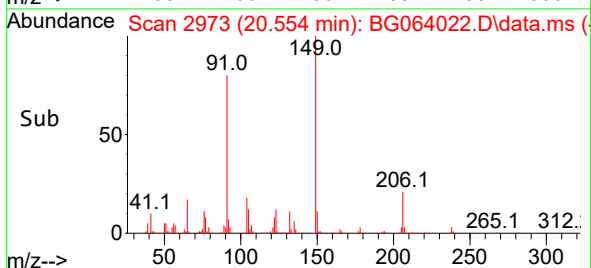
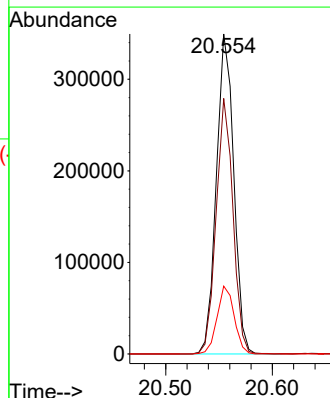
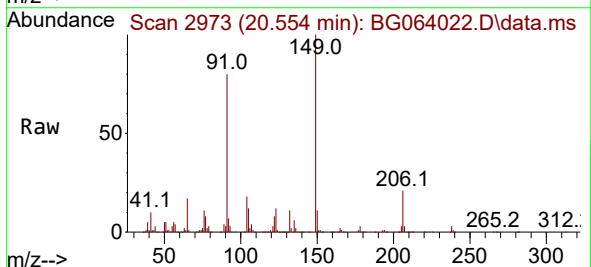
Tgt Ion:149 Resp: 394582

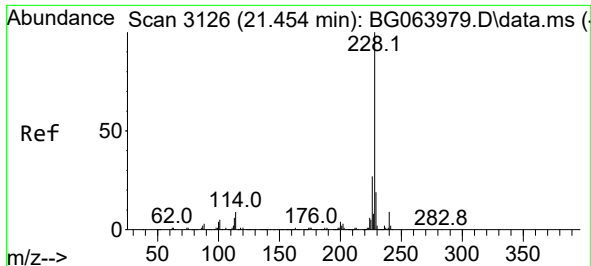
Ion Ratio Lower Upper

149 100

91 79.9 63.0 94.6

206 21.2 15.8 23.6

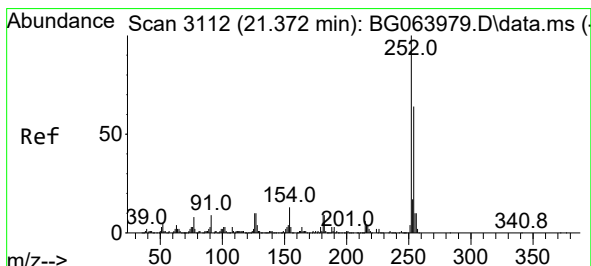
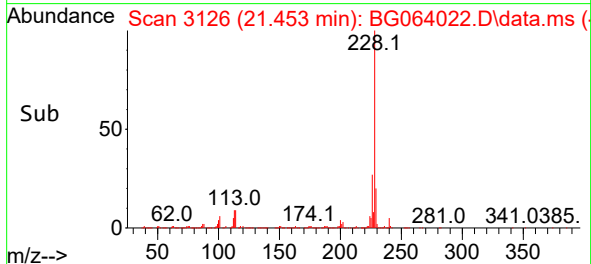
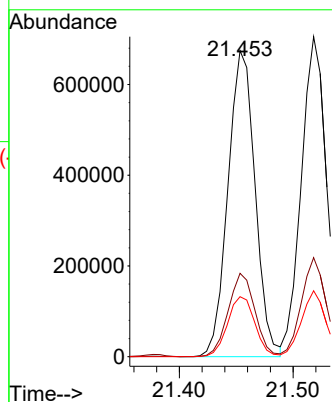
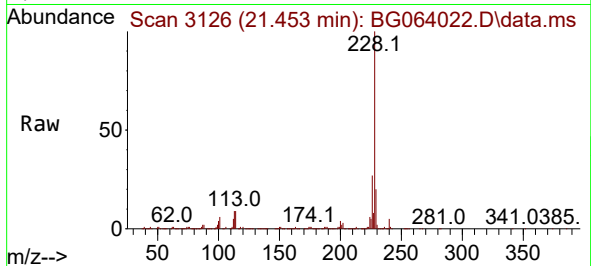




#81
Benzo(a)anthracene
Concen: 39.209 ng
RT: 21.453 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

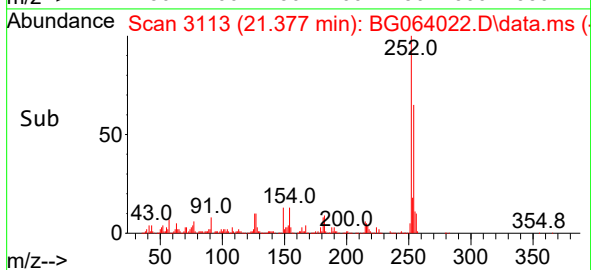
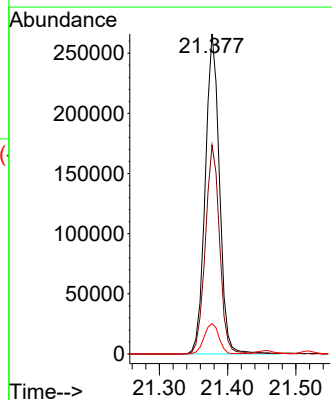
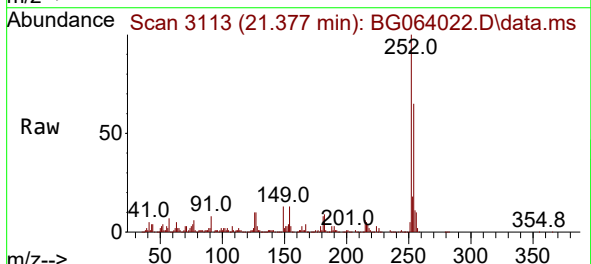
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

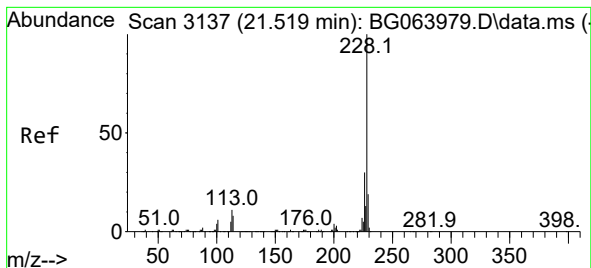
Tgt Ion:228 Resp: 1119849
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 43.278 ng
RT: 21.377 min Scan# 3113
Delta R.T. 0.005 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:252 Resp: 384940
Ion Ratio Lower Upper
252 100
254 65.3 50.8 76.2
126 9.5 8.2 12.2





#83

Chrysene

Concen: 38.696 ng

RT: 21.518 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

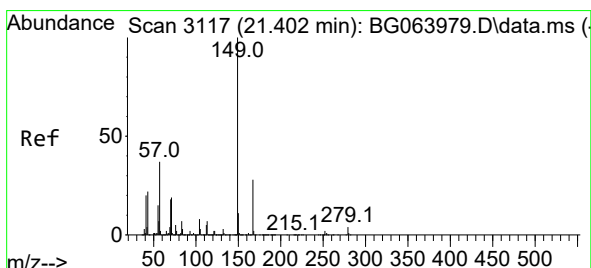
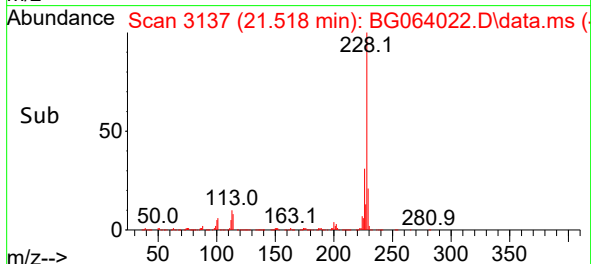
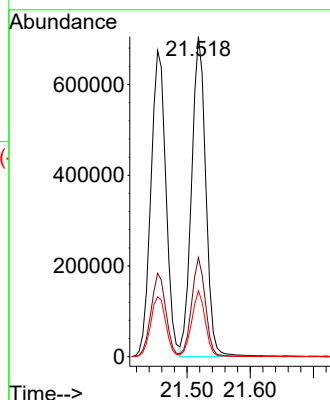
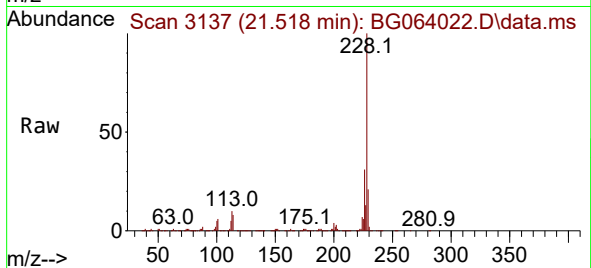
Tgt Ion:228 Resp: 1099846

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.2

229 20.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.017 ng

RT: 21.395 min Scan# 3116

Delta R.T. -0.007 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

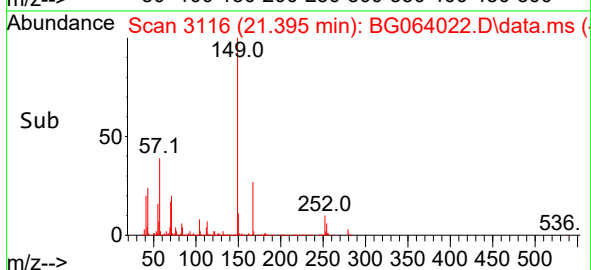
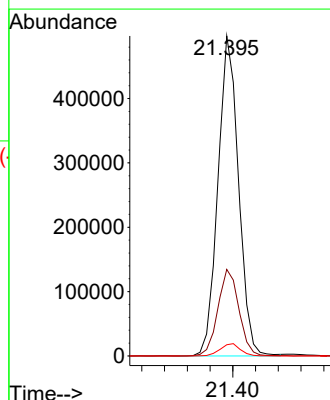
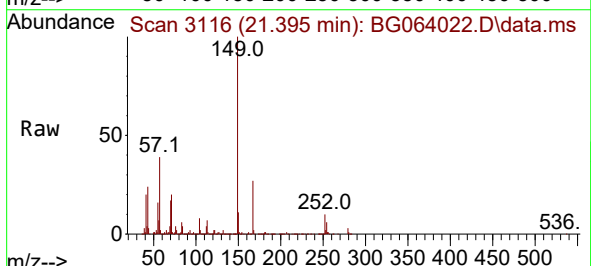
Tgt Ion:149 Resp: 626663

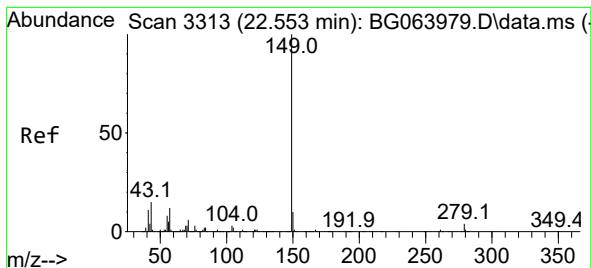
Ion Ratio Lower Upper

149 100

167 27.1 22.5 33.7

279 3.5 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 42.023 ng

RT: 22.552 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

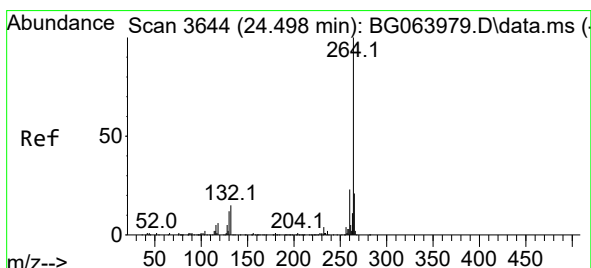
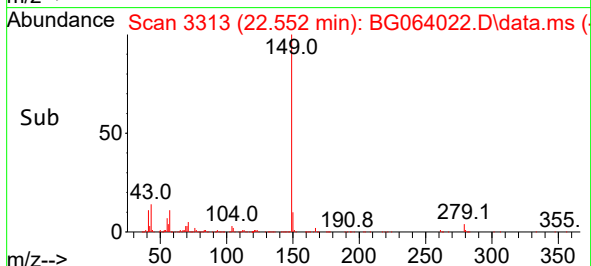
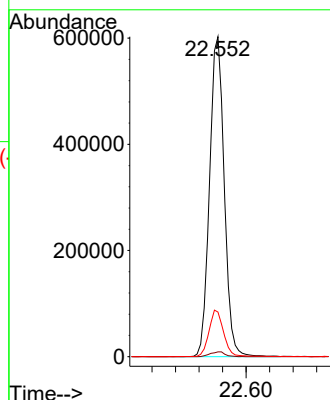
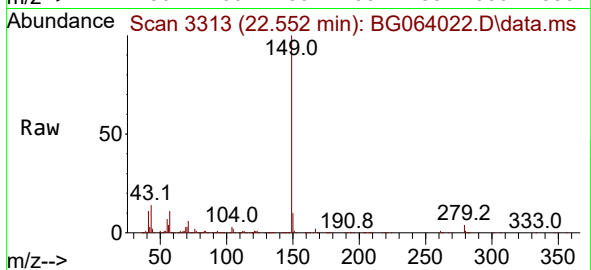
Tgt Ion:149 Resp: 1043802

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.7 12.3 18.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.497 min Scan# 3644

Delta R.T. -0.001 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

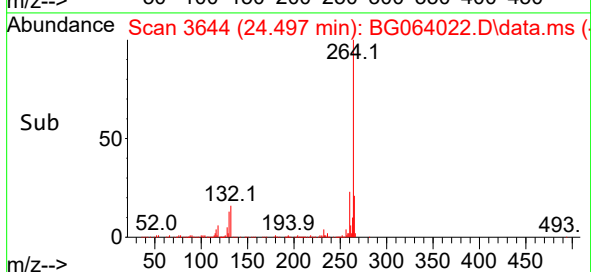
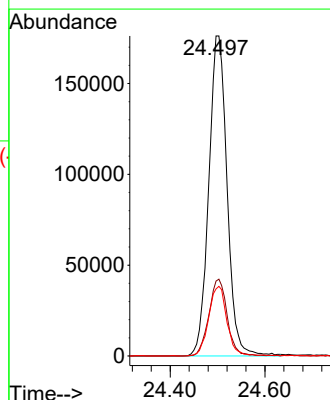
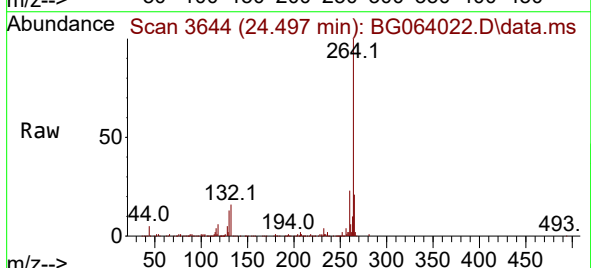
Tgt Ion:264 Resp: 473315

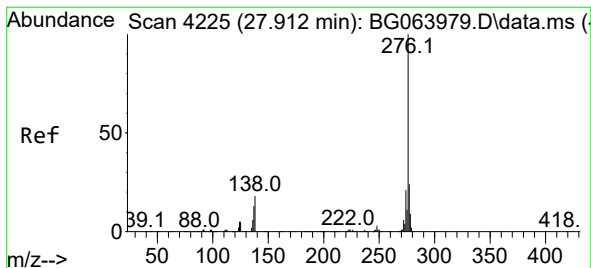
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.838 ng

RT: 27.922 min Scan# 41

Delta R.T. 0.011 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

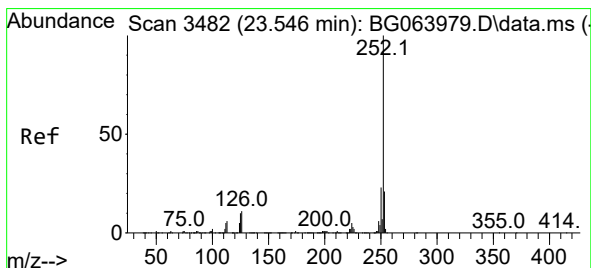
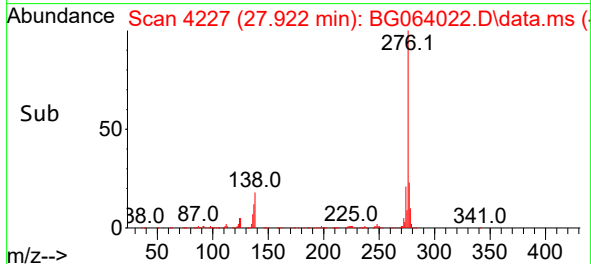
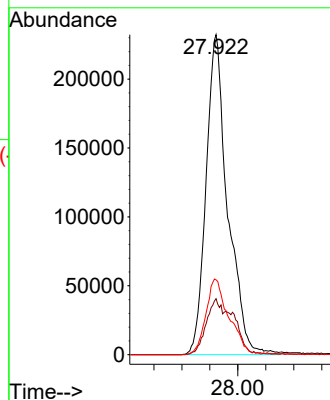
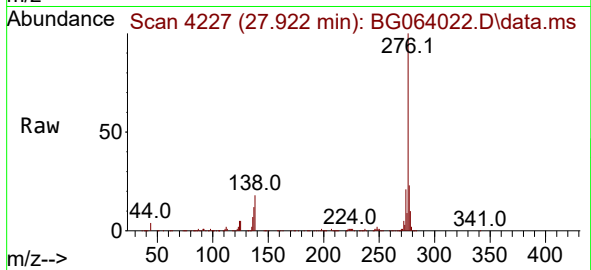
Tgt Ion:276 Resp: 1246987

Ion Ratio Lower Upper

276 100

138 13.2 10.7 16.1

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 40.106 ng

RT: 23.551 min Scan# 3483

Delta R.T. 0.005 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

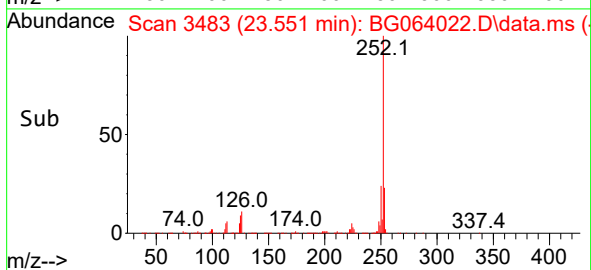
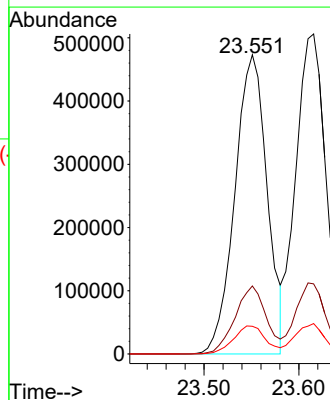
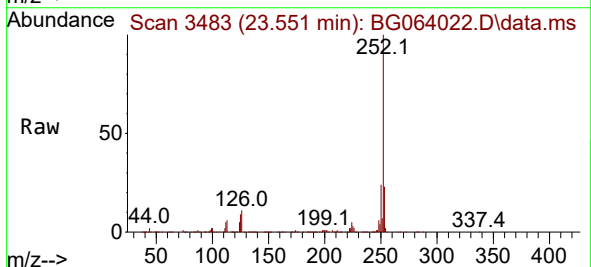
Tgt Ion:252 Resp: 1117799

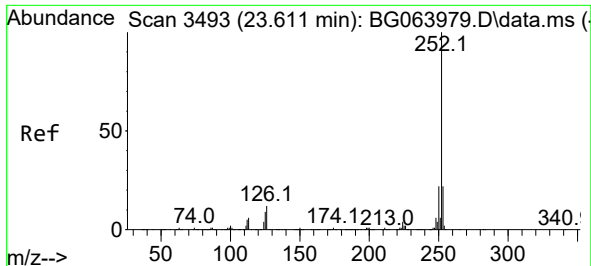
Ion Ratio Lower Upper

252 100

253 22.7 16.9 25.3

125 9.3 7.9 11.9

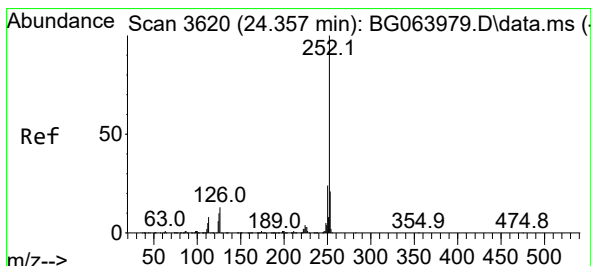
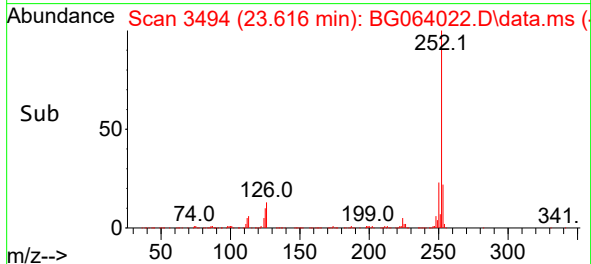
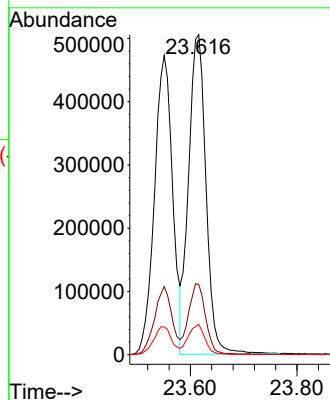
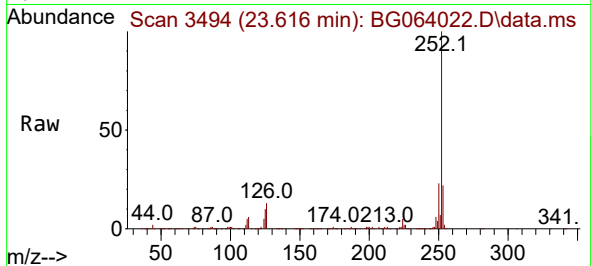




#89
Benzo(k)fluoranthene
Concen: 39.997 ng
RT: 23.616 min Scan# 3493
Delta R.T. 0.005 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

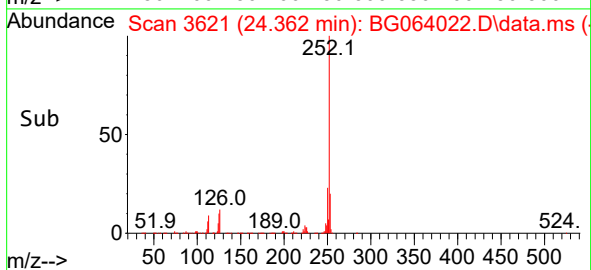
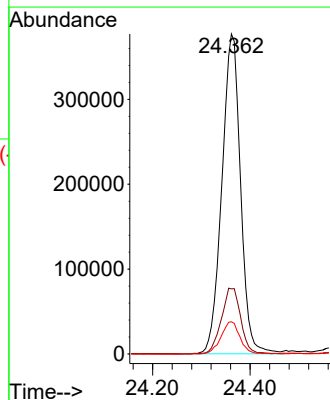
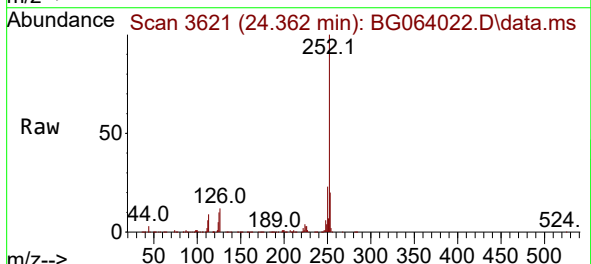
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

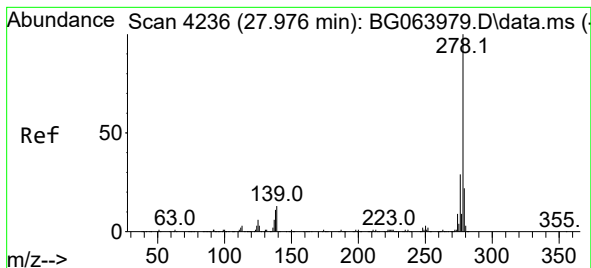
Tgt Ion:252 Resp: 1144669
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 40.350 ng
RT: 24.362 min Scan# 3621
Delta R.T. 0.005 min
Lab File: BG064022.D
Acq: 6 Feb 2025 17:52

Tgt Ion:252 Resp: 1003821
Ion Ratio Lower Upper
252 100
253 20.3 17.1 25.7
125 10.1 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 40.877 ng

RT: 27.987 min Scan# 41

Delta R.T. 0.011 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

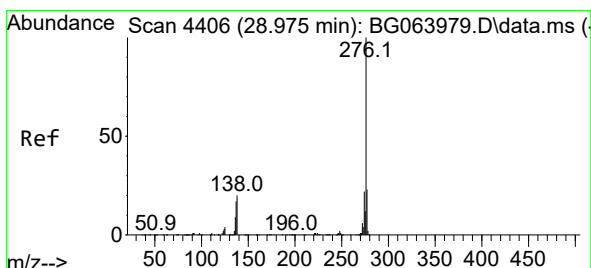
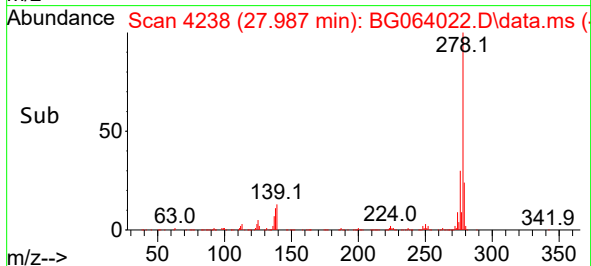
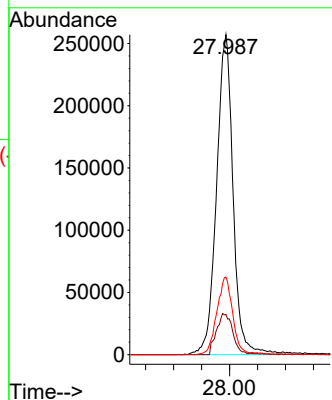
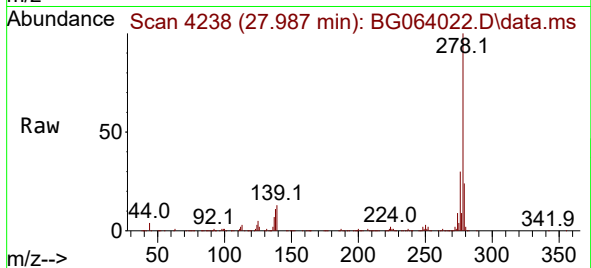
Tgt Ion:278 Resp: 1053950

Ion Ratio Lower Upper

278 100

139 12.5 10.8 16.2

279 24.3 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 40.479 ng

RT: 28.986 min Scan# 4408

Delta R.T. 0.011 min

Lab File: BG064022.D

Acq: 6 Feb 2025 17:52

Tgt Ion:276 Resp: 1053635

Ion Ratio Lower Upper

276 100

277 23.8 18.2 27.4

138 18.6 15.8 23.6

