

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064075.D
 Acq On : 10 Mar 2025 10:44
 Operator : RC/JU
 Sample : PB167035BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167035BS

Quant Time: Mar 10 12:22:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	35194	20.000	ng	# 0.00
21) Naphthalene-d8	10.647	136	154810	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	106817	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	235208	20.000	ng	0.00
76) Chrysene-d12	21.458	240	237204	20.000	ng	0.00
86) Perylene-d12	24.472	264	255311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	312176	138.503	ng	0.00
7) Phenol-d6	7.034	99	419514	136.817	ng	0.00
23) Nitrobenzene-d5	9.014	82	271257	96.830	ng	0.00
42) 2,4,6-Tribromophenol	15.976	330	182401	153.621	ng	0.00
45) 2-Fluorobiphenyl	13.115	172	652866	92.773	ng	0.00
79) Terphenyl-d14	19.848	244	1140903	97.254	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.367	88	39346	38.518	ng	94
3) Pyridine	3.749	79	97422	39.216	ng	98
4) n-Nitrosodimethylamine	3.667	42	84337	47.515	ng	# 96
6) Aniline	7.192	93	112017	37.230	ng	98
8) 2-Chlorophenol	7.427	128	107800	44.532	ng	98
9) Benzaldehyde	6.998	77	38322m	21.489	ng	
10) Phenol	7.057	94	140681	44.812	ng	95
11) bis(2-Chloroethyl)ether	7.286	93	99871	40.578	ng	100
12) 1,3-Dichlorobenzene	7.756	146	108395	40.776	ng	97
13) 1,4-Dichlorobenzene	7.897	146	112149	41.159	ng	99
14) 1,2-Dichlorobenzene	8.215	146	108249	41.200	ng	97
15) Benzyl Alcohol	8.097	79	106765	45.059	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.385	45	230210m	41.598	ng	
17) 2-Methylphenol	8.303	107	94962	45.577	ng	97
18) Hexachloroethane	8.943	117	42241	44.309	ng	98
19) n-Nitroso-di-n-propyla...	8.667	70	88518	41.135	ng	96
20) 3+4-Methylphenols	8.626	107	132073	46.044	ng	91
22) Acetophenone	8.679	105	192747	45.410	ng	# 99
24) Nitrobenzene	9.055	77	129434	44.708	ng	96
25) Isophorone	9.578	82	242957	43.330	ng	96
26) 2-Nitrophenol	9.766	139	45482	45.930	ng	95
27) 2,4-Dimethylphenol	9.825	122	98186	58.412	ng	93
28) bis(2-Chloroethoxy)met...	10.065	93	141763	41.702	ng	98
29) 2,4-Dichlorophenol	10.295	162	100351	47.279	ng	97
30) 1,2,4-Trichlorobenzene	10.518	180	107016	41.766	ng	98
31) Naphthalene	10.700	128	346205	41.473	ng	99
32) Benzoic acid	9.971	122	68746m	45.164	ng	
33) 4-Chloroaniline	10.806	127	59743	19.581	ng	97
34) Hexachlorobutadiene	10.994	225	72884	43.397	ng	97
35) Caprolactam	11.570	113	41781m	51.367	ng	
36) 4-Chloro-3-methylphenol	11.928	107	124775	44.847	ng	99
37) 2-Methylnaphthalene	12.310	142	244676	41.518	ng	97
38) 1-Methylnaphthalene	12.527	142	241268	41.788	ng	98
40) 1,2,4,5-Tetrachloroben...	12.680	216	142467	46.717	ng	# 96
41) Hexachlorocyclopentadiene	12.662	237	161060	187.650	ng	99
43) 2,4,6-Trichlorophenol	12.915	196	90250	50.214	ng	93

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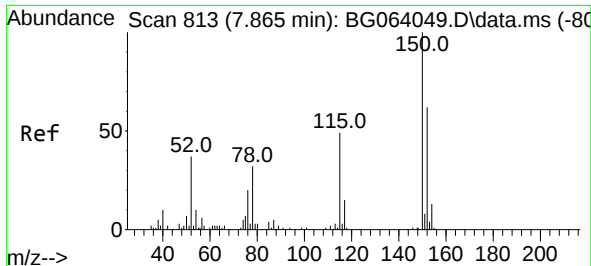
Quant Time: Mar 10 12:22:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	97202	48.673	ng	97
46) 1,1'-Biphenyl	13.320	154	393645	48.778	ng	99
47) 2-Chloronaphthalene	13.362	162	259563	44.100	ng	99
48) 2-Nitroaniline	13.561	65	91303	46.946	ng	94
49) Acenaphthylene	14.208	152	423420	45.482	ng	100
50) Dimethylphthalate	13.949	163	337492	42.802	ng	100
51) 2,6-Dinitrotoluene	14.061	165	69943	44.023	ng	98
52) Acenaphthene	14.554	154	266063	42.585	ng	99
53) 3-Nitroaniline	14.384	138	44978	29.514	ng	99
54) 2,4-Dinitrophenol	14.595	184	60584	89.770	ng	91
55) Dibenzofuran	14.889	168	417547	41.254	ng	100
56) 4-Nitrophenol	14.695	139	130121	101.809	ng	94
57) 2,4-Dinitrotoluene	14.848	165	102503	46.559	ng	# 97
58) Fluorene	15.535	166	338764	42.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.112	232	92576m	47.550	ng	
60) Diethylphthalate	15.318	149	362756	42.379	ng	99
61) 4-Chlorophenyl-phenyle...	15.535	204	166039	42.385	ng	92
62) 4-Nitroaniline	15.553	138	75579	45.936	ng	93
63) Azobenzene	15.823	77	371087	40.626	ng	98
65) 4,6-Dinitro-2-methylph...	15.612	198	47302	46.799	ng	89
66) n-Nitrosodiphenylamine	15.747	169	299630	45.004	ng	99
67) 4-Bromophenyl-phenylether	16.423	248	112186	46.570	ng	92
68) Hexachlorobenzene	16.534	284	120627	44.727	ng	95
69) Atrazine	16.699	200	133132	67.961	ng	93
70) Pentachlorophenol	16.881	266	153962	91.945	ng	97
71) Phenanthrene	17.269	178	559131	44.568	ng	100
72) Anthracene	17.363	178	576746	46.233	ng	98
73) Carbazole	17.627	167	514613	44.184	ng	99
74) Di-n-butylphthalate	18.203	149	619724	45.203	ng	99
75) Fluoranthene	19.278	202	653932	43.237	ng	98
77) Benzidine	19.460	184	190171	57.898	ng	97
78) Pyrene	19.642	202	682286	44.621	ng	98
80) Butylbenzylphthalate	20.541	149	267979	46.803	ng	96
81) Benzo(a)anthracene	21.440	228	697575	45.909	ng	97
82) 3,3'-Dichlorobenzidine	21.364	252	155510	31.624	ng	98
83) Chrysene	21.505	228	678619	44.780	ng	99
84) Bis(2-ethylhexyl)phtha...	21.376	149	414970	50.498	ng	98
85) Di-n-octyl phthalate	22.521	149	710281	50.112	ng	99
87) Indeno(1,2,3-cd)pyrene	27.874	276	806871	47.234	ng	98
88) Benzo(b)fluoranthene	23.526	252	671571	43.511	ng	97
89) Benzo(k)fluoranthene	23.591	252	697549	45.050	ng	98
90) Benzo(a)pyrene	24.331	252	655055	47.655	ng	98
91) Dibenzo(a,h)anthracene	27.939	278	675312	47.685	ng	99
92) Benzo(g,h,i)perylene	28.932	276	632964	43.532	ng	96

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

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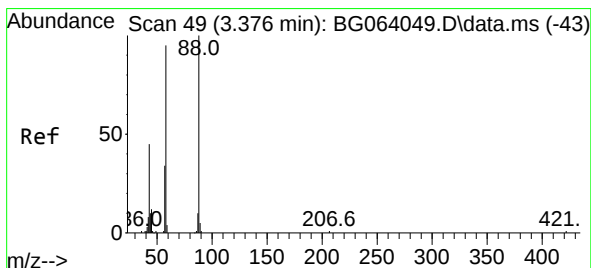
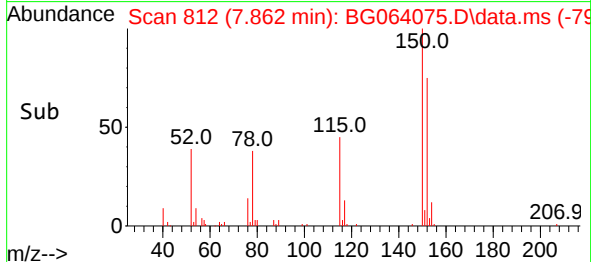
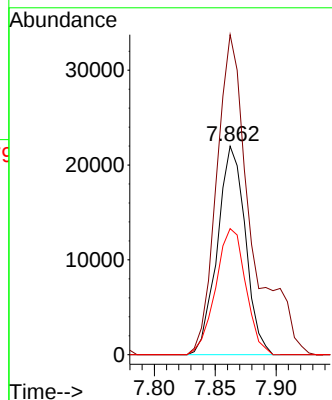
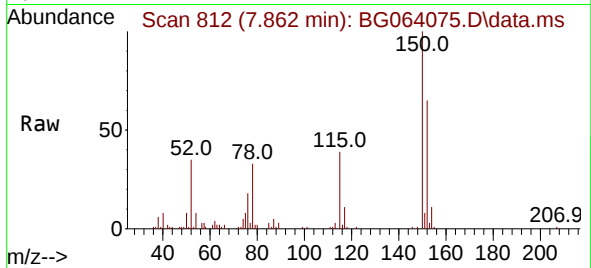




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.862 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

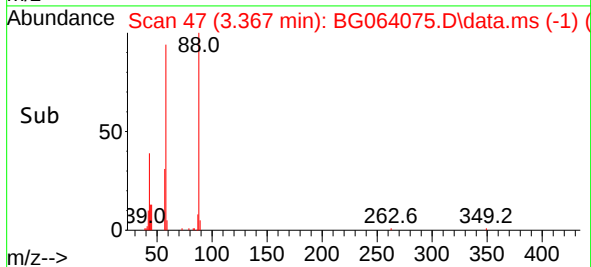
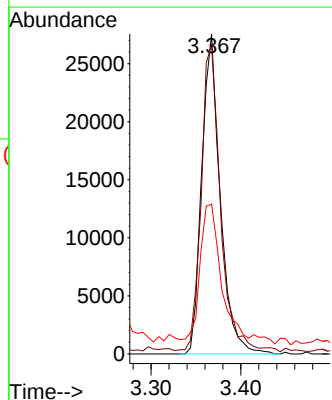
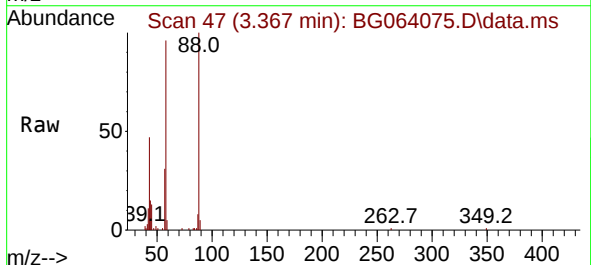
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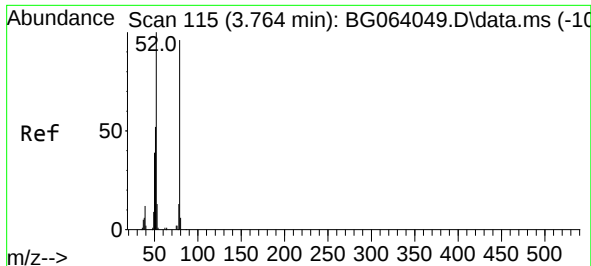
Tgt Ion:152 Resp: 35194
 Ion Ratio Lower Upper
 152 100
 150 153.5 129.2 193.8
 115 60.4 63.0 94.6#



#2
 1,4-Dioxane
 Concen: 38.518 ng
 RT: 3.367 min Scan# 47
 Delta R.T. -0.008 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

Tgt Ion: 88 Resp: 39346
 Ion Ratio Lower Upper
 88 100
 58 100.2 74.6 111.8
 43 46.3 35.5 53.3

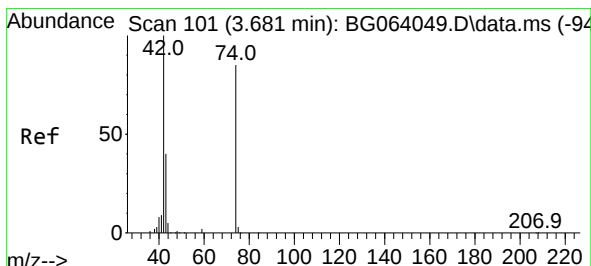
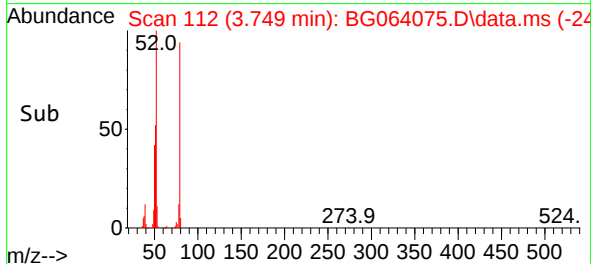
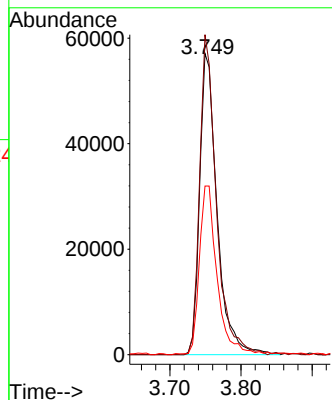
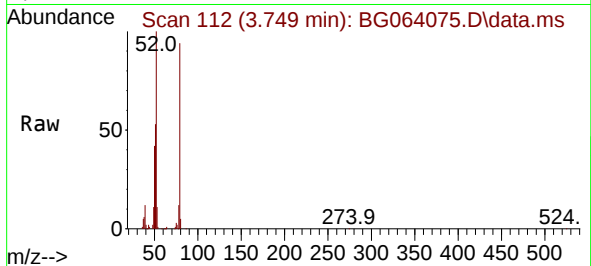




#3
Pyridine
Concen: 39.216 ng
RT: 3.749 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

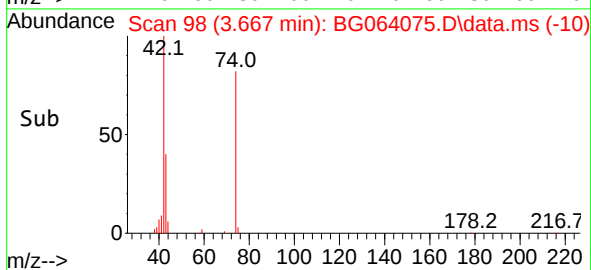
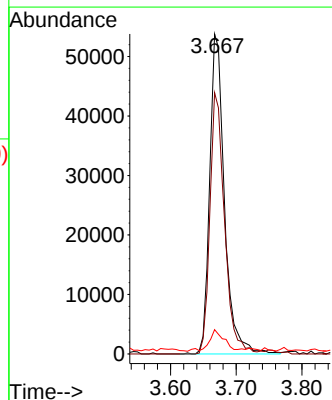
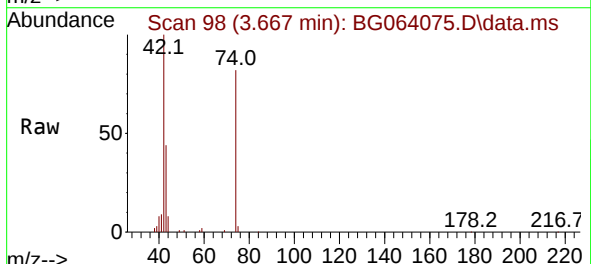
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ClientSampleId :
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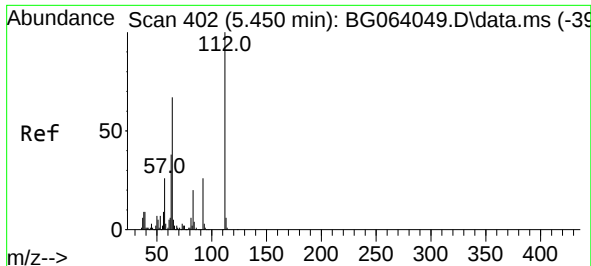
Tgt Ion: 79 Resp: 97422
Ion Ratio Lower Upper
79 100
52 106.2 83.0 124.6
51 56.0 44.3 66.5



#4
n-Nitrosodimethylamine
Concen: 47.515 ng
RT: 3.667 min Scan# 98
Delta R.T. -0.014 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion: 42 Resp: 84337
Ion Ratio Lower Upper
42 100
74 81.6 68.0 102.0
44 7.6 4.9 7.3

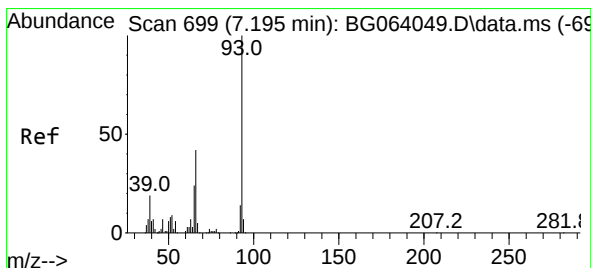
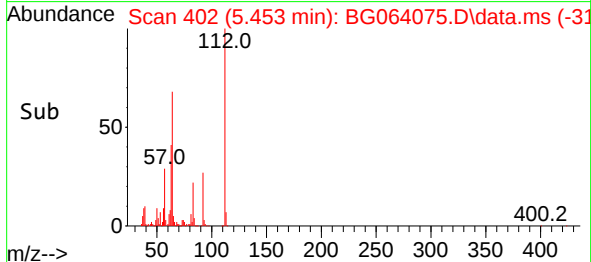
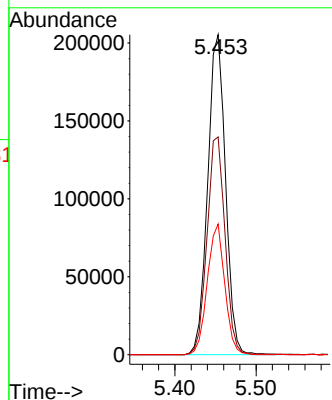
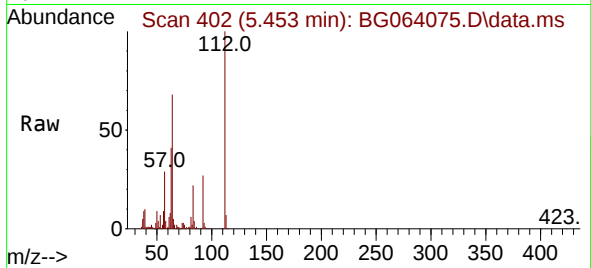




#5
2-Fluorophenol
Concen: 138.503 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

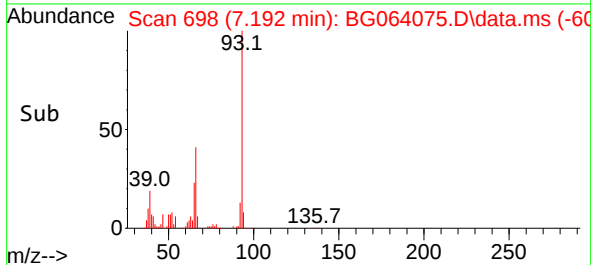
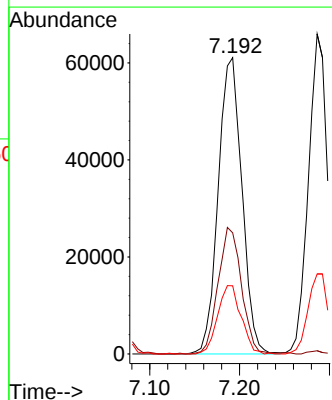
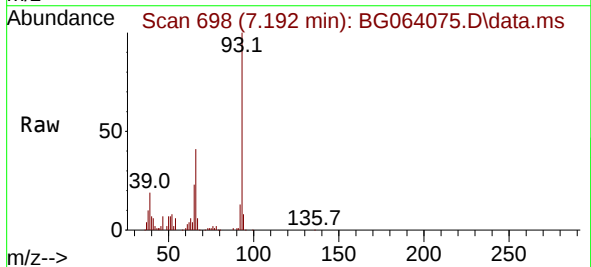
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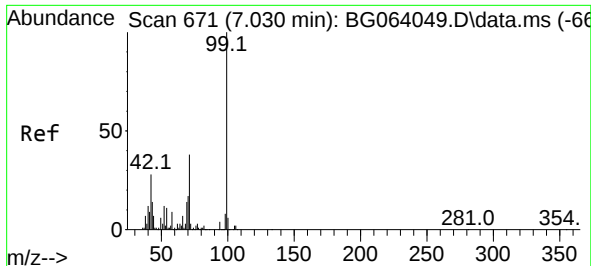
Tgt Ion:112 Resp: 312176
Ion Ratio Lower Upper
112 100
64 68.0 53.7 80.5
63 40.9 30.2 45.4



#6
Aniline
Concen: 37.230 ng
RT: 7.192 min Scan# 698
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion: 93 Resp: 112017
Ion Ratio Lower Upper
93 100
66 40.9 33.7 50.5
65 23.0 19.1 28.7

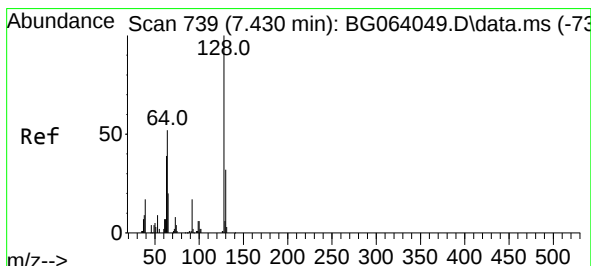
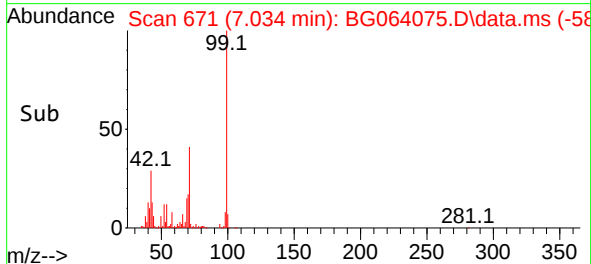
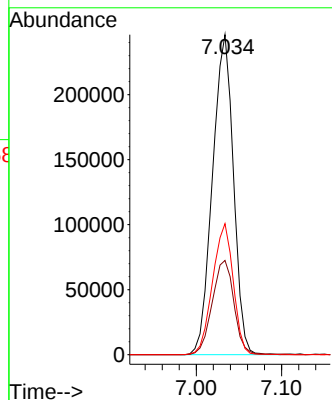
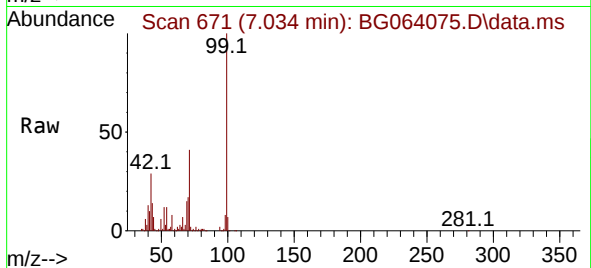




#7
Phenol-d6
Concen: 136.817 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

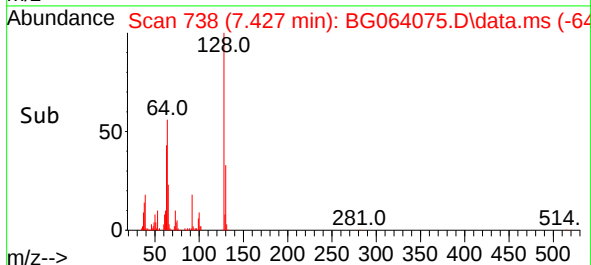
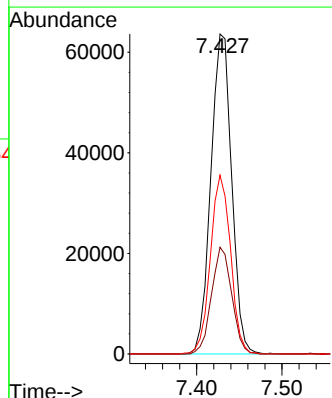
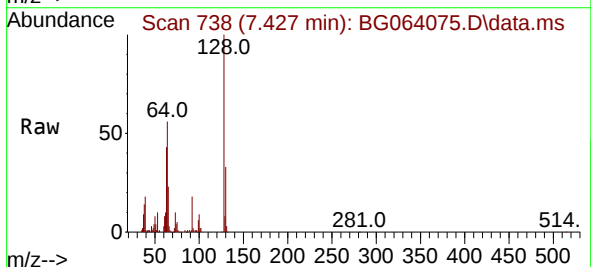
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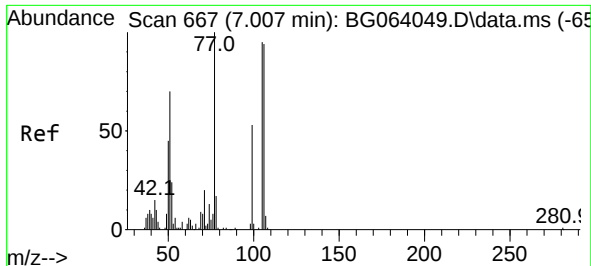
Tgt Ion: 99 Resp: 419514
Ion Ratio Lower Upper
99 100
42 29.4 22.7 34.1
71 40.9 30.6 46.0



#8
2-Chlorophenol
Concen: 44.532 ng
RT: 7.427 min Scan# 738
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:128 Resp: 107800
Ion Ratio Lower Upper
128 100
130 33.4 12.3 52.3
64 55.8 37.0 77.0

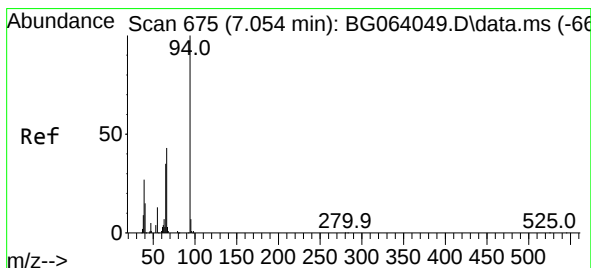
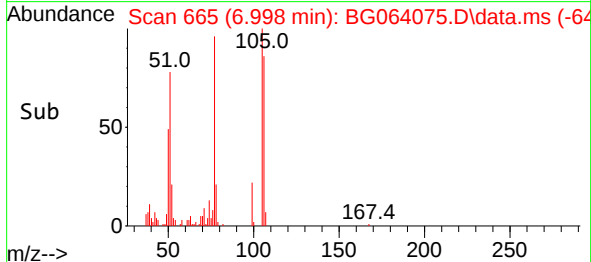
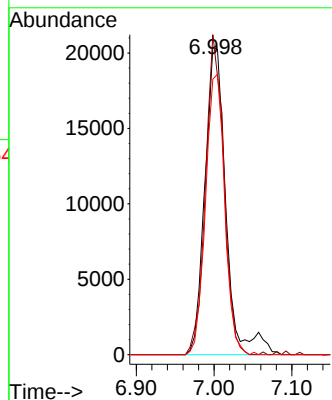
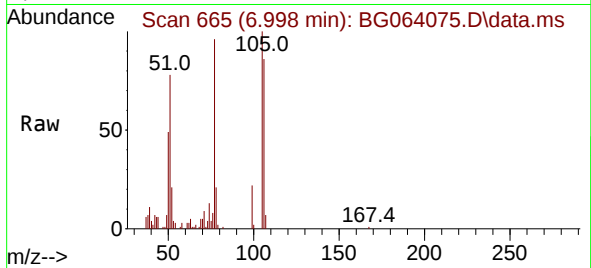




#9
Benzaldehyde
Concen: 21.489 ng m
RT: 6.998 min Scan# 665
Delta R.T. -0.009 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

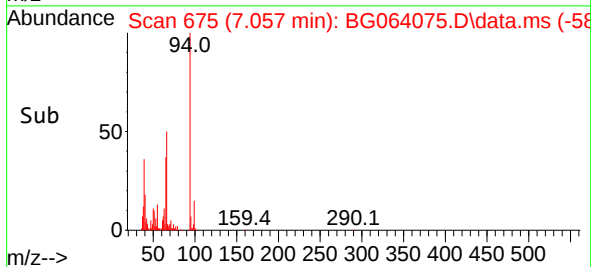
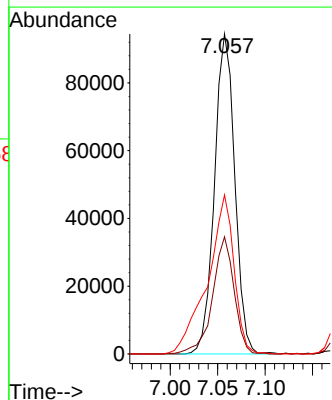
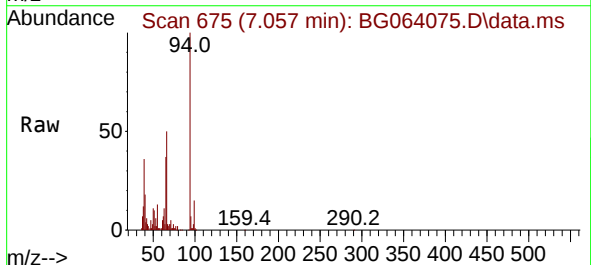
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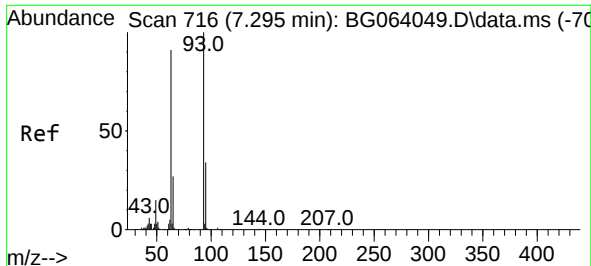
Tgt Ion: 77 Resp: 38322
Ion Ratio Lower Upper
77 100
105 104.0 75.5 115.5
106 89.5 74.2 114.2



#10
Phenol
Concen: 44.812 ng
RT: 7.057 min Scan# 675
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion: 94 Resp: 140681
Ion Ratio Lower Upper
94 100
65 36.6 15.2 55.2
66 49.7 25.1 65.1

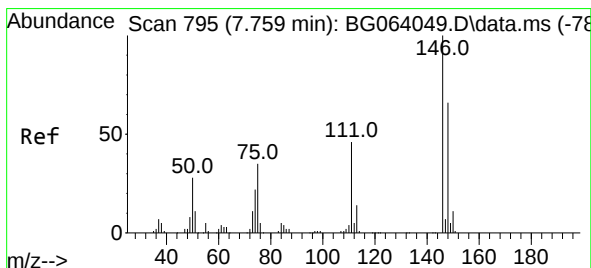
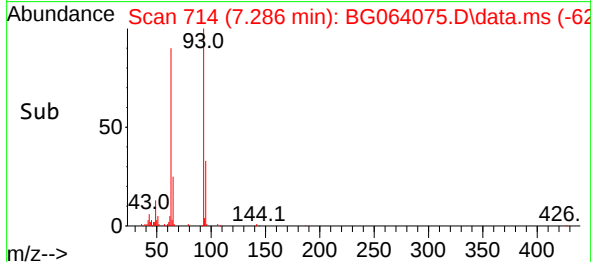
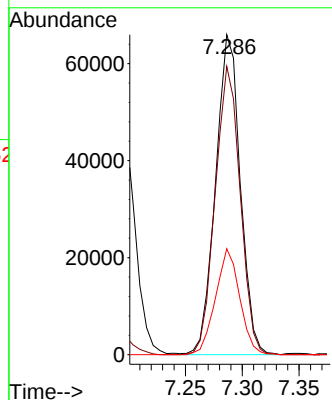
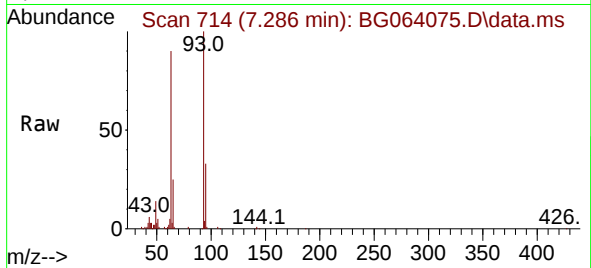




#11
bis(2-Chloroethyl)ether
Concen: 40.578 ng
RT: 7.286 min Scan# 716
Delta R.T. -0.008 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

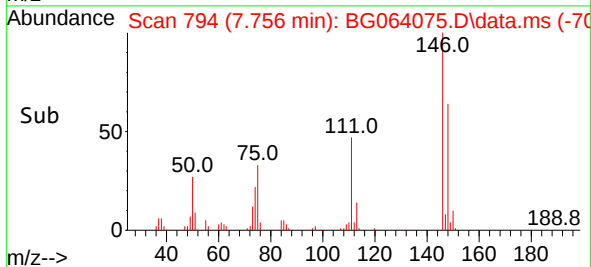
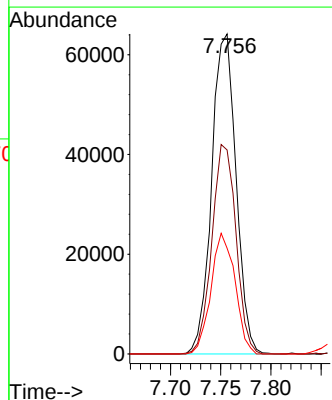
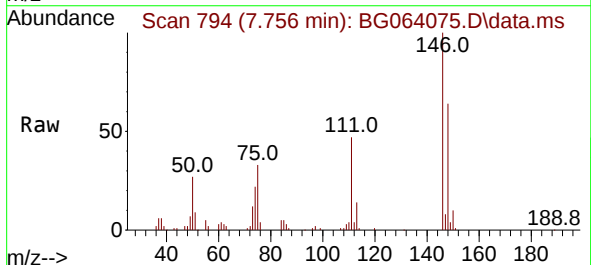
Instrument :
BNA_G
ClientSampleId :
PB167035BS

Tgt Ion: 93 Resp: 99871
Ion Ratio Lower Upper
93 100
63 90.1 70.0 110.0
95 33.1 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 40.776 ng
RT: 7.756 min Scan# 794
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:146 Resp: 108395
Ion Ratio Lower Upper
146 100
148 63.7 52.6 78.8
75 33.0 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 41.159 ng

RT: 7.897 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

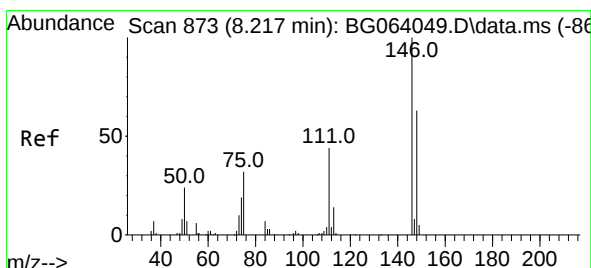
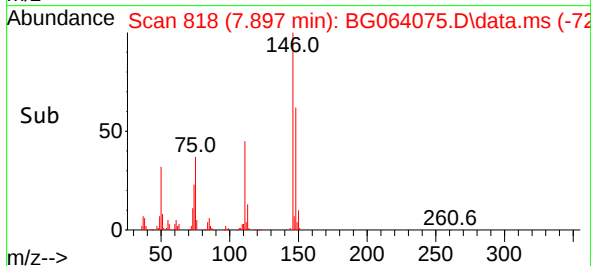
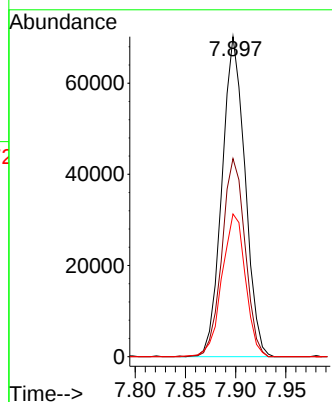
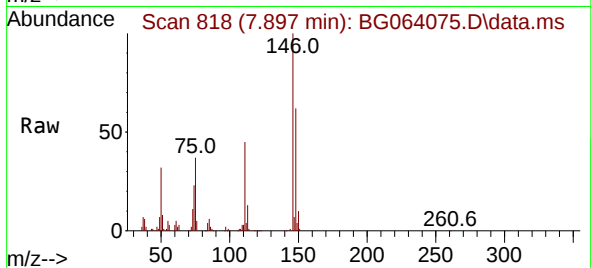
Tgt Ion:146 Resp: 112149

Ion Ratio Lower Upper

146 100

148 61.9 50.6 75.8

111 44.6 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 41.200 ng

RT: 8.215 min Scan# 872

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

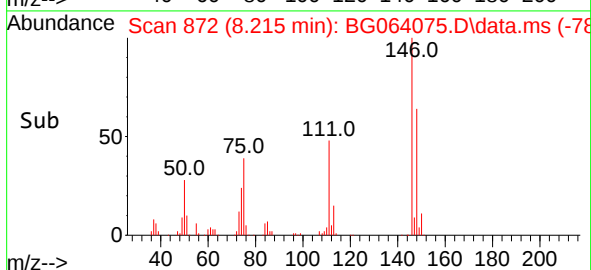
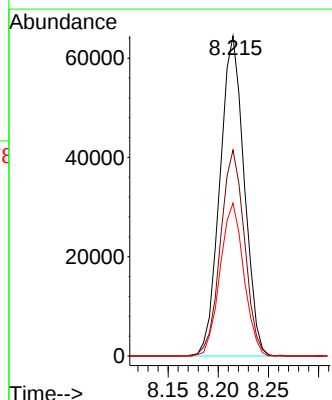
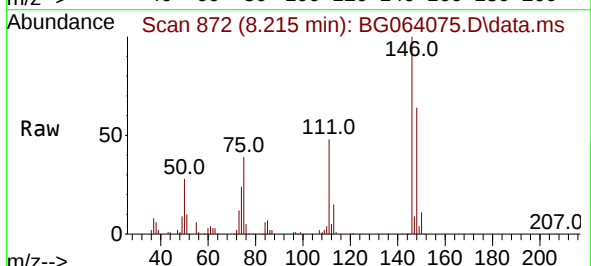
Tgt Ion:146 Resp: 108249

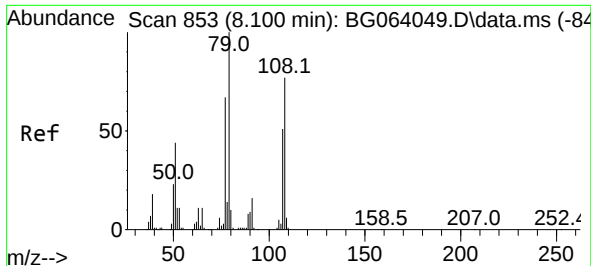
Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.2

111 47.7 36.4 54.6

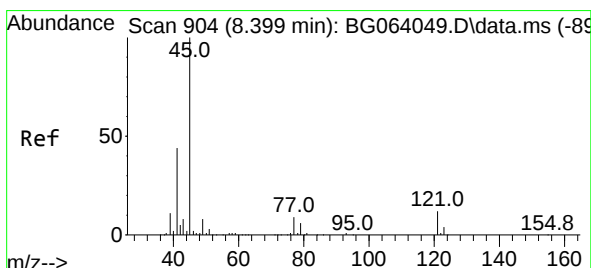
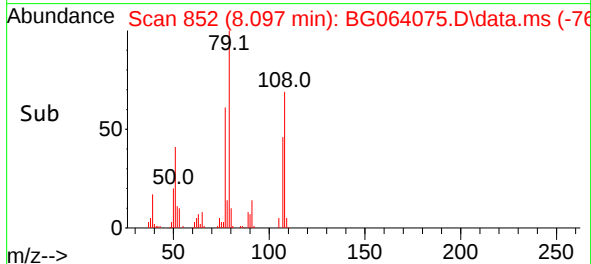
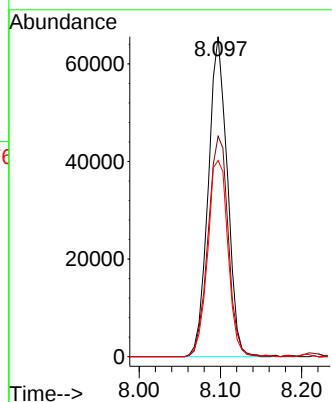
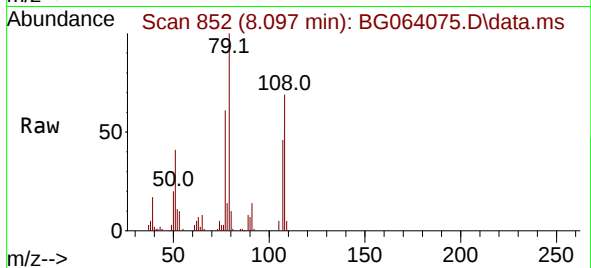




#15
Benzyl Alcohol
Concen: 45.059 ng
RT: 8.097 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

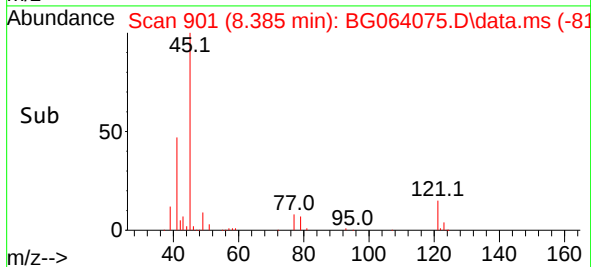
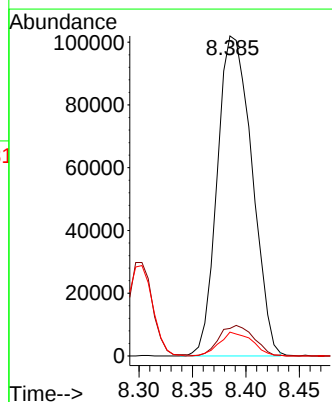
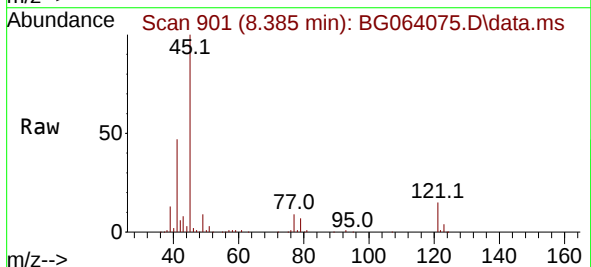
Instrument :
BNA_G
ClientSampleId :
PB167035BS

Tgt Ion: 79 Resp: 106765
Ion Ratio Lower Upper
79 100
108 68.9 61.7 92.5
77 61.3 53.9 80.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.598 ng m
RT: 8.385 min Scan# 901
Delta R.T. -0.014 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion: 45 Resp: 230210
Ion Ratio Lower Upper
45 100
77 8.6 0.0 29.0
79 7.5 0.0 26.6

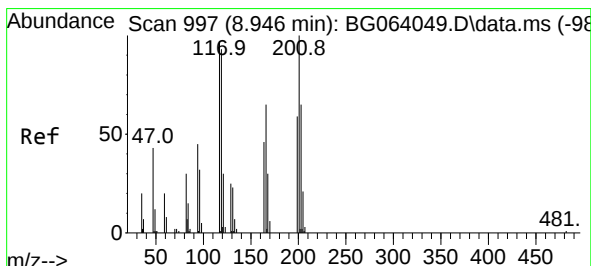
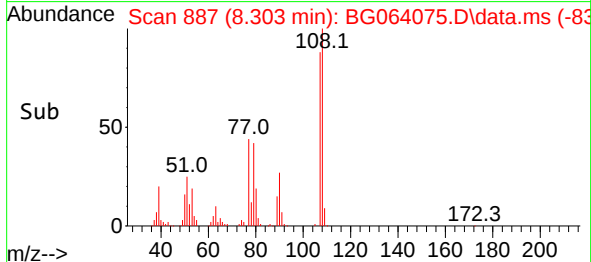
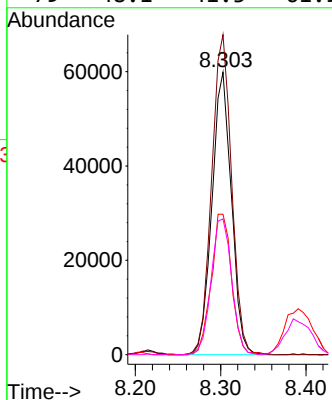
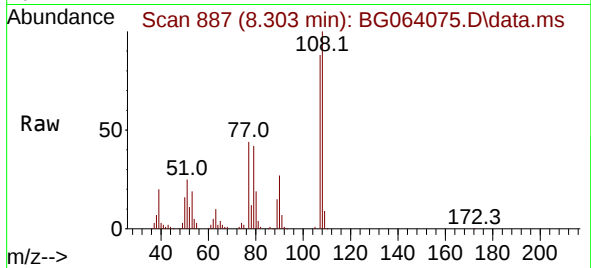




#17
2-Methylphenol
Concen: 45.577 ng
RT: 8.303 min Scan# 887
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

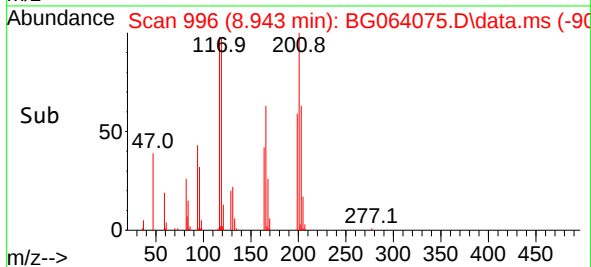
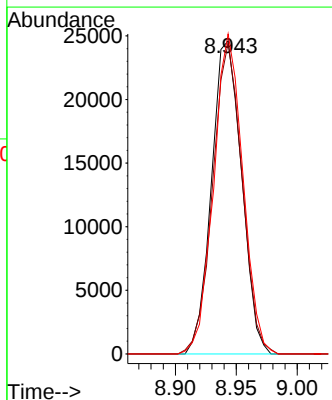
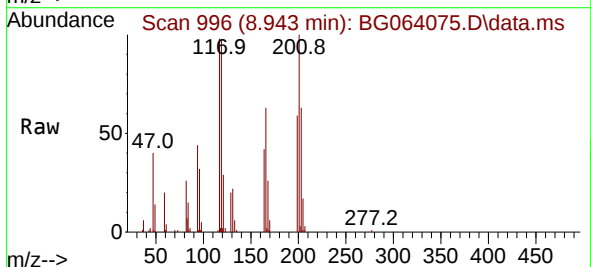
Instrument :
BNA_G
ClientSampleId :
PB167035BS

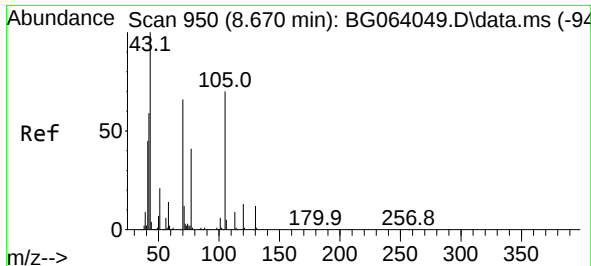
Tgt Ion:	107	Resp:	94962
Ion Ratio	Lower	Upper	
107	100		
108	113.3	92.5	138.7
77	49.7	40.5	60.7
79	48.1	41.3	61.9



#18
Hexachloroethane
Concen: 44.309 ng
RT: 8.943 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:	117	Resp:	42241
Ion Ratio	Lower	Upper	
117	100		
119	99.3	76.2	114.2
201	102.2	81.5	122.3

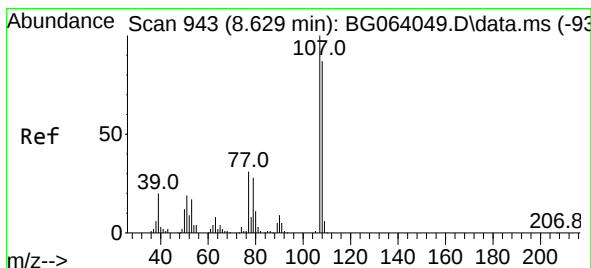
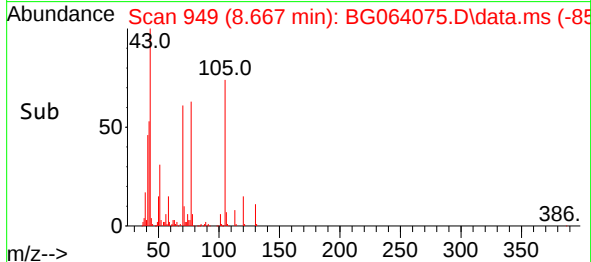
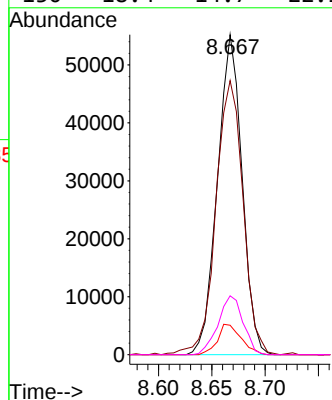
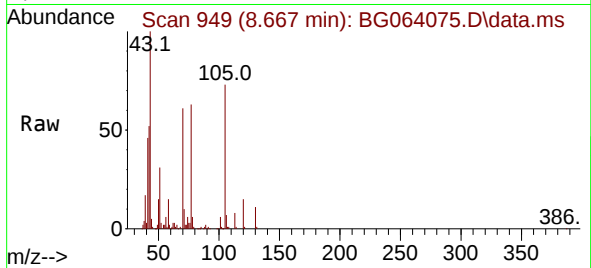




#19
n-Nitroso-di-n-propylamine
Concen: 41.135 ng
RT: 8.667 min Scan# 949
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

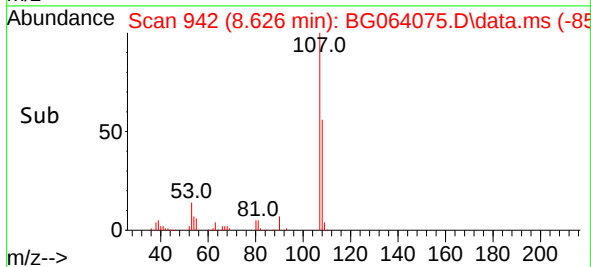
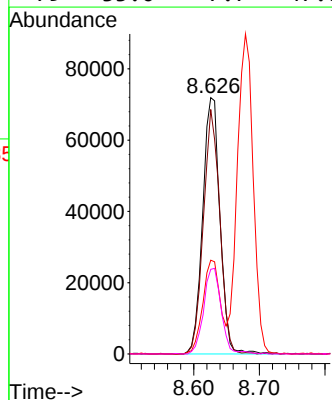
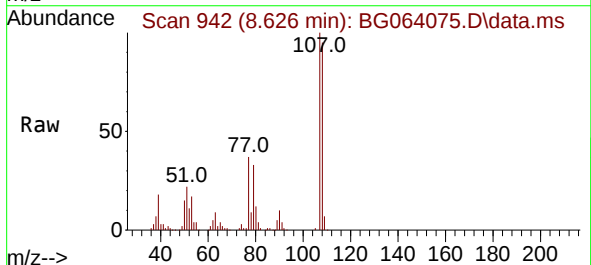
Instrument :
BNA_G
ClientSampleId :
PB167035BS

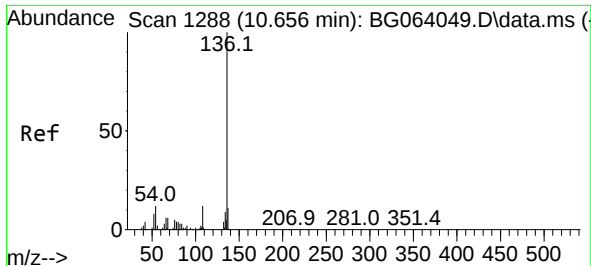
Tgt Ion: 70 Resp: 88518
Ion Ratio Lower Upper
70 100
42 85.6 72.1 108.1
101 9.2 7.2 10.8
130 18.4 14.7 22.1



#20
3+4-Methylphenols
Concen: 46.044 ng
RT: 8.626 min Scan# 942
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion: 107 Resp: 132073
Ion Ratio Lower Upper
107 100
108 95.4 67.0 107.0
77 36.6 11.2 51.2
79 33.0 7.7 47.7

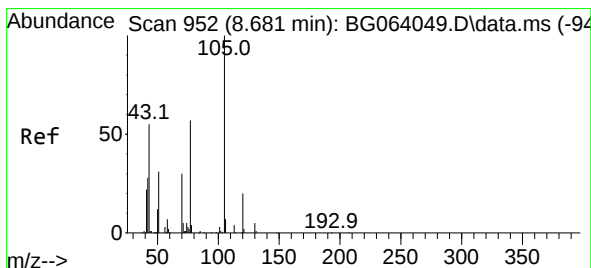
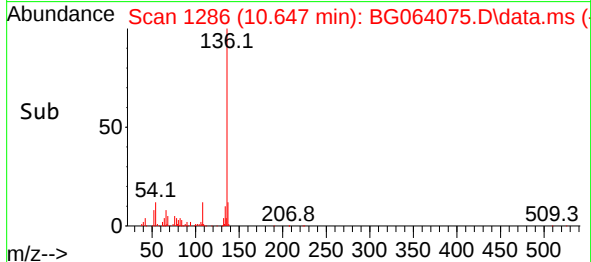
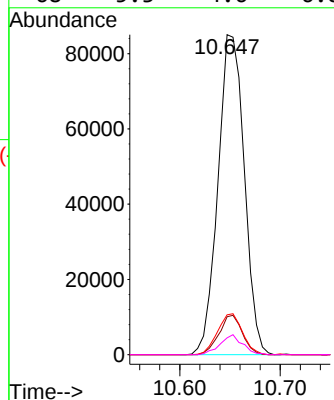
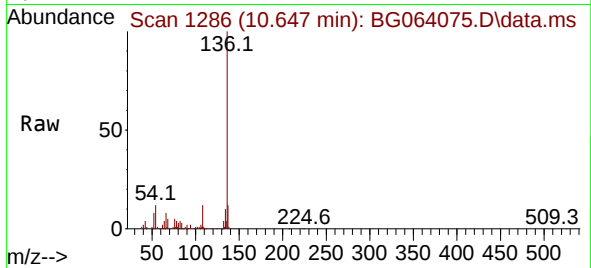




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

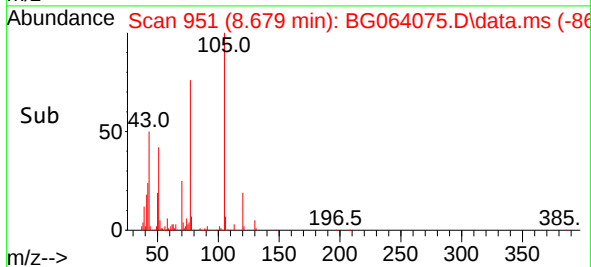
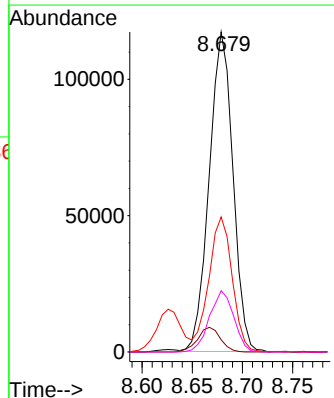
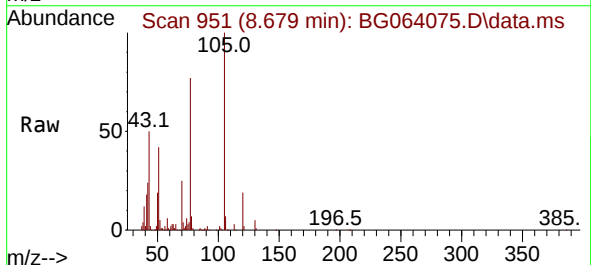
Instrument :
BNA_G
ClientSampleId :
PB167035BS

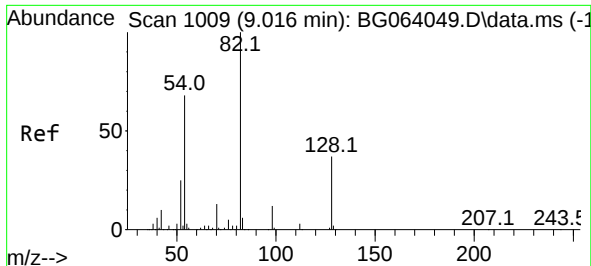
Tgt Ion:136 Resp: 154810
Ion Ratio Lower Upper
136 100
137 11.9 8.5 12.7
54 12.5 9.9 14.9
68 5.3 4.6 6.8



#22
Acetophenone
Concen: 45.410 ng
RT: 8.679 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:105 Resp: 192747
Ion Ratio Lower Upper
105 100
71 3.8 4.2 6.4#
51 42.2 33.3 49.9
120 19.1 15.9 23.9

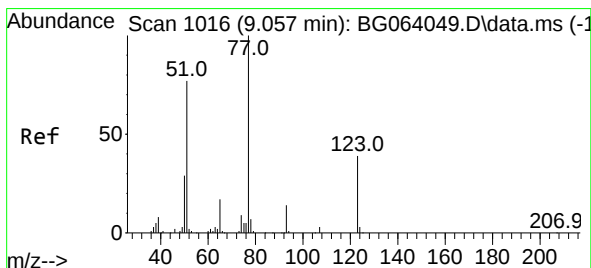
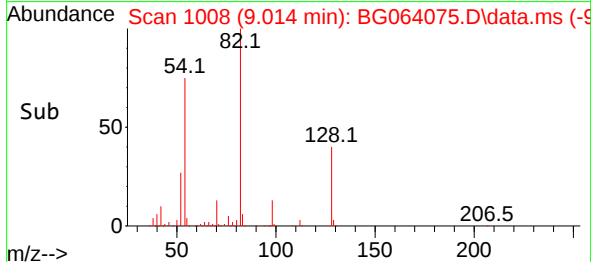
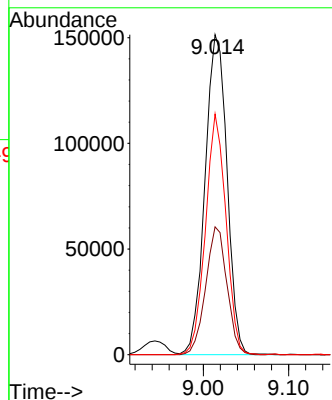
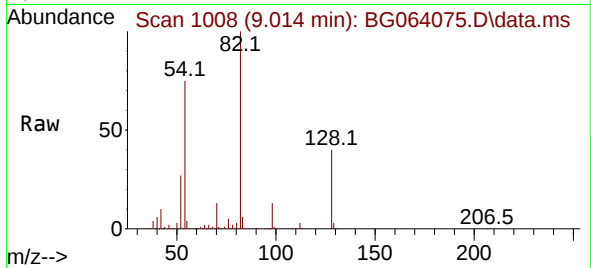




#23
Nitrobenzene-d5
Concen: 96.830 ng
RT: 9.014 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

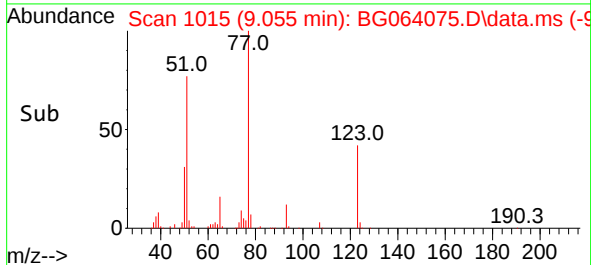
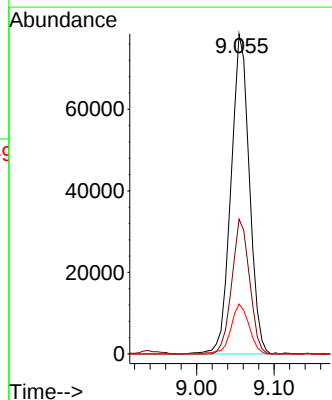
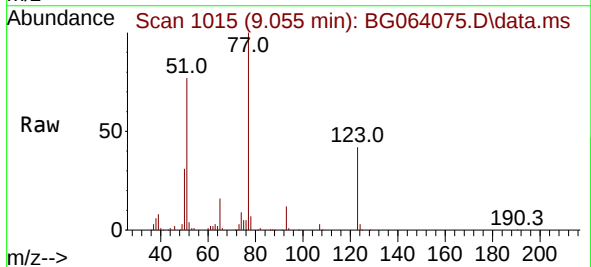
Instrument :
BNA_G
ClientSampleId :
PB167035BS

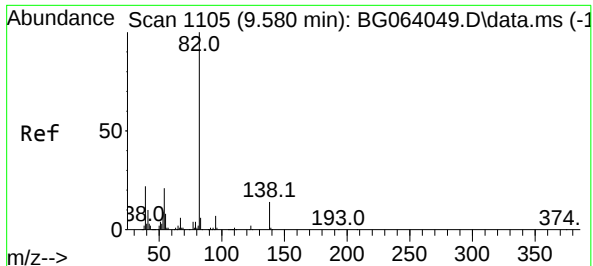
Tgt Ion: 82 Resp: 271257
Ion Ratio Lower Upper
82 100
128 40.0 30.0 45.0
54 75.2 54.7 82.1



#24
Nitrobenzene
Concen: 44.708 ng
RT: 9.055 min Scan# 1015
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion: 77 Resp: 129434
Ion Ratio Lower Upper
77 100
123 42.1 31.4 47.2
65 15.6 13.4 20.0

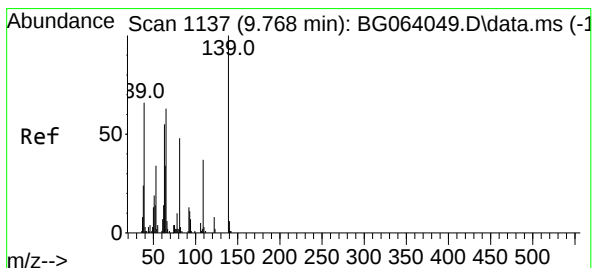
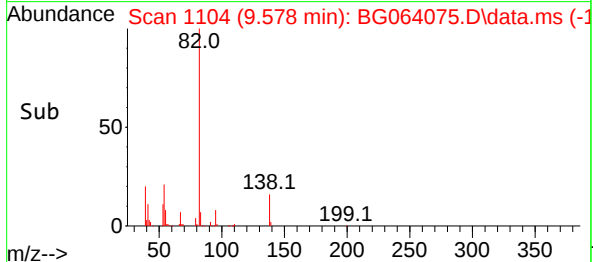
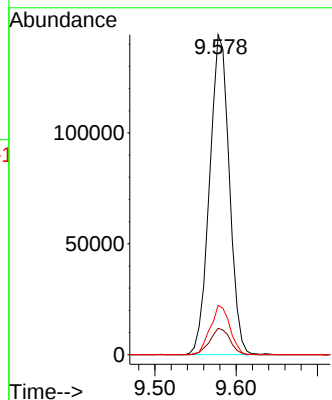
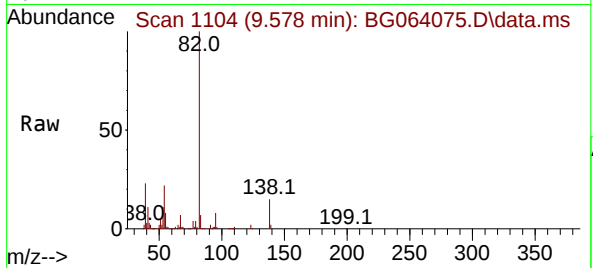




#25
Isophorone
Concen: 43.330 ng
RT: 9.578 min Scan# 1104
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

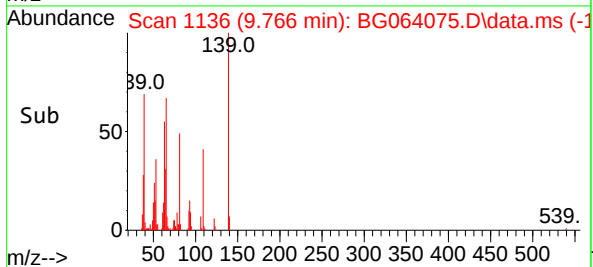
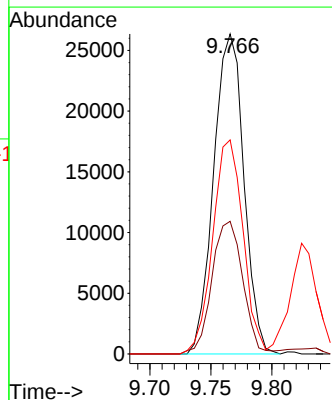
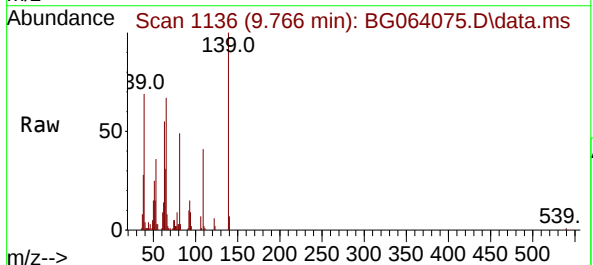
Instrument :
BNA_G
ClientSampleId :
PB167035BS

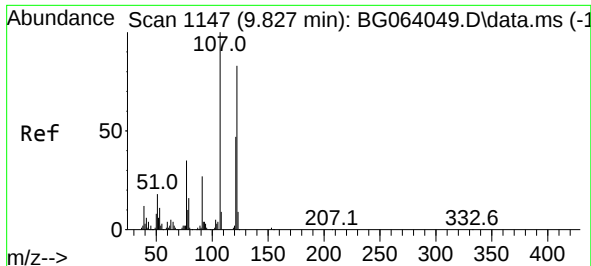
Tgt Ion: 82 Resp: 242957
Ion Ratio Lower Upper
82 100
95 8.2 5.8 8.8
138 15.4 10.9 16.3



#26
2-Nitrophenol
Concen: 45.930 ng
RT: 9.766 min Scan# 1136
Delta R.T. -0.002 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:139 Resp: 45482
Ion Ratio Lower Upper
139 100
109 41.5 29.9 44.9
65 66.9 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 58.412 ng

RT: 9.825 min Scan# 1147

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

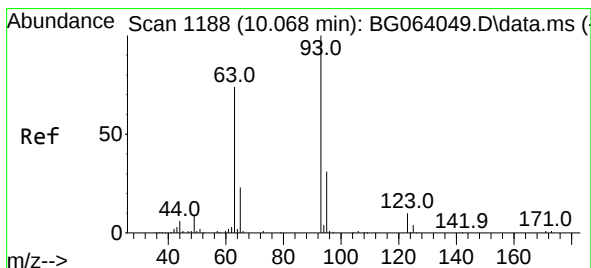
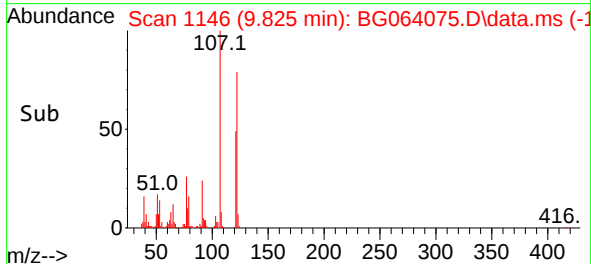
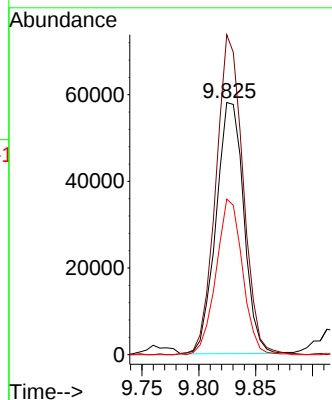
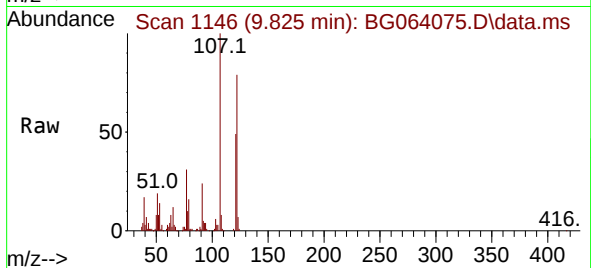
Tgt Ion:122 Resp: 98186

Ion Ratio Lower Upper

122 100

107 126.9 95.4 143.0

121 61.7 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.702 ng

RT: 10.065 min Scan# 1187

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

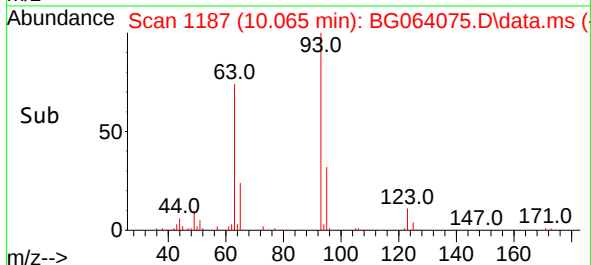
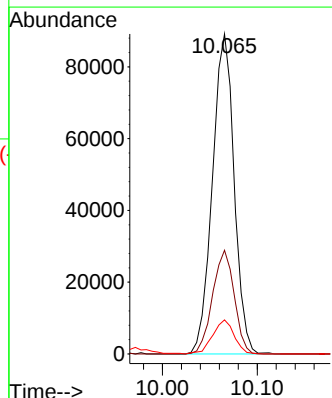
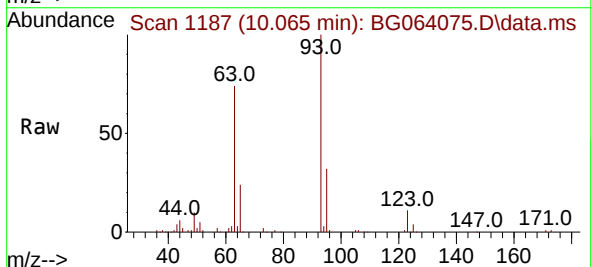
Tgt Ion: 93 Resp: 141763

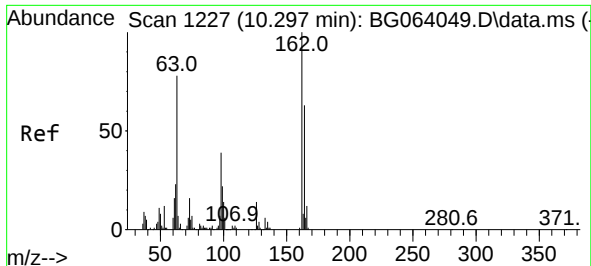
Ion Ratio Lower Upper

93 100

95 32.4 25.0 37.4

123 10.6 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 47.279 ng

RT: 10.295 min Scan# 1226

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

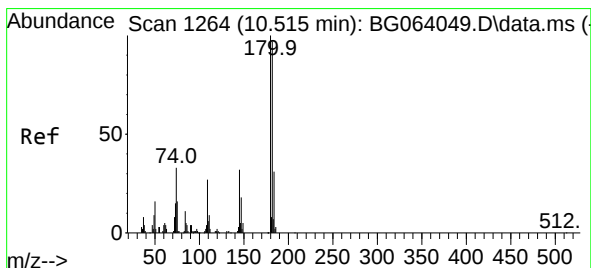
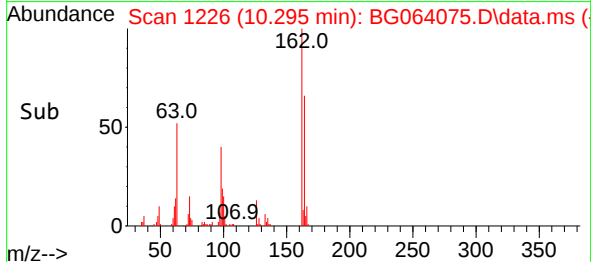
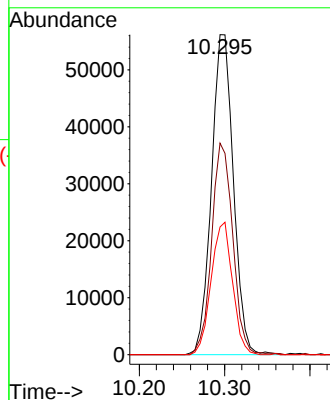
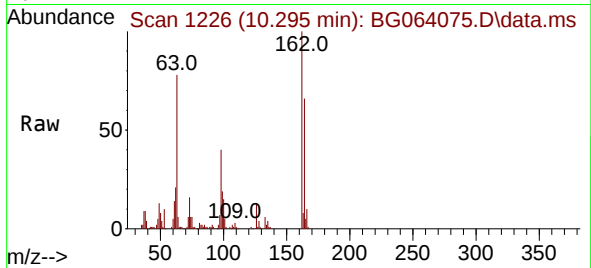
Tgt Ion:162 Resp: 100351

Ion Ratio Lower Upper

162 100

164 66.1 42.8 82.8

98 39.9 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 41.766 ng

RT: 10.518 min Scan# 1264

Delta R.T. 0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

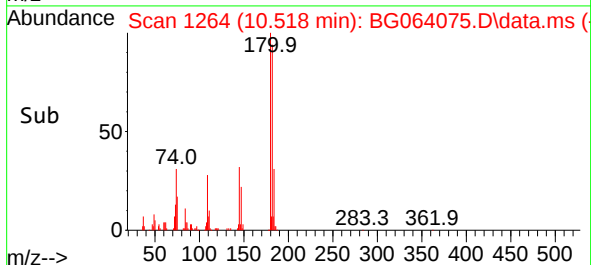
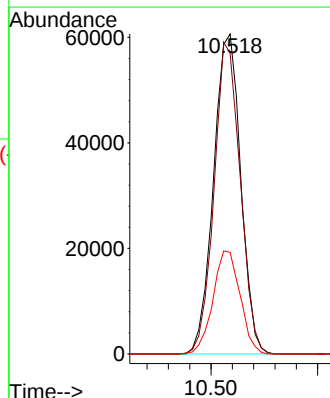
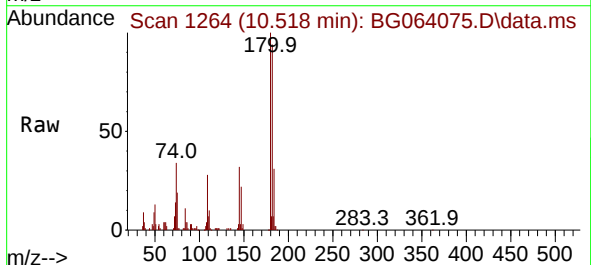
Tgt Ion:180 Resp: 107016

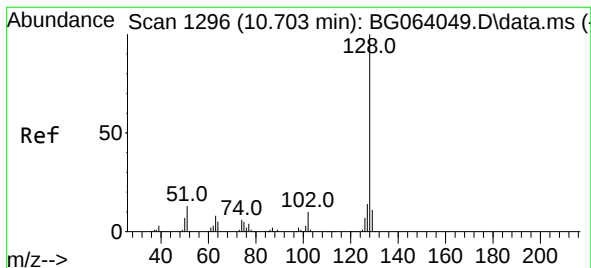
Ion Ratio Lower Upper

180 100

182 93.9 77.3 115.9

145 31.8 25.2 37.8

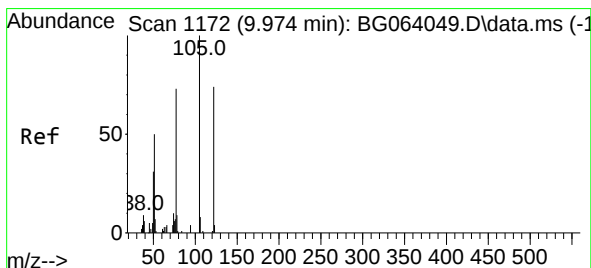
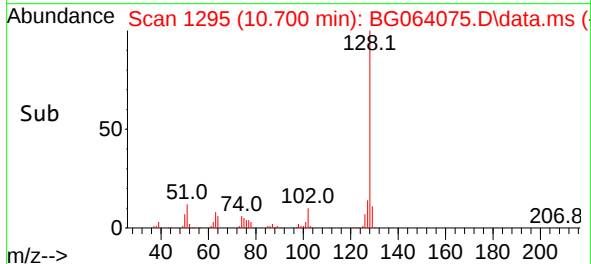
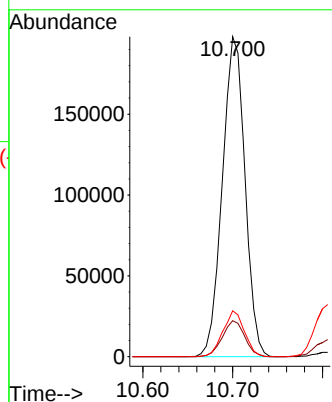
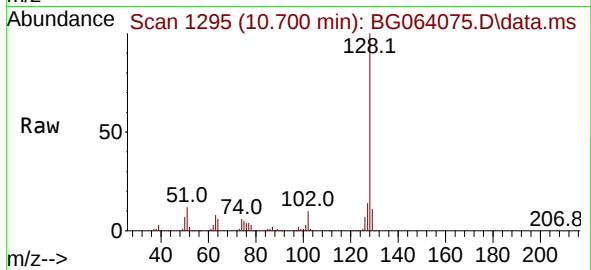




#31
Naphthalene
Concen: 41.473 ng
RT: 10.700 min Scan# 1171
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

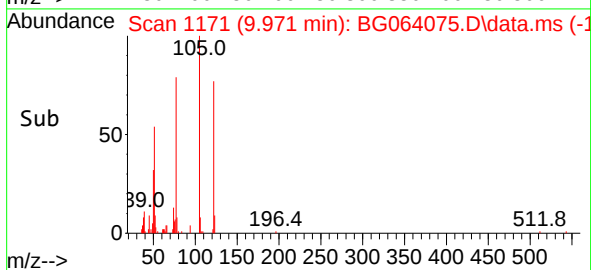
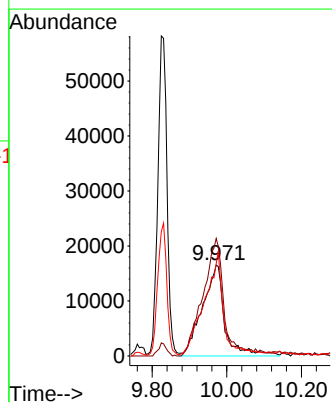
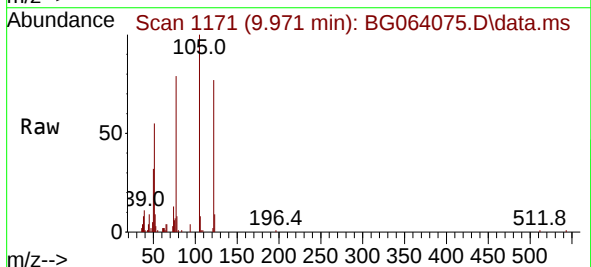
Instrument :
BNA_G
ClientSampleId :
PB167035BS

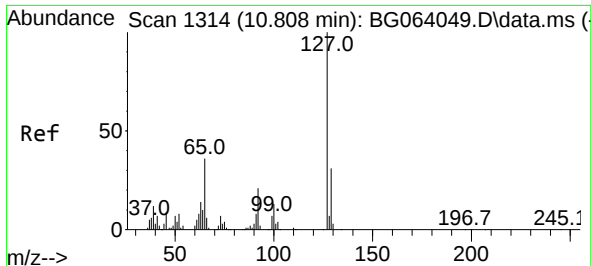
Tgt Ion:128 Resp: 346205
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 14.4 11.1 16.7



#32
Benzoic acid
Concen: 45.164 ng m
RT: 9.971 min Scan# 1171
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:122 Resp: 68746
Ion Ratio Lower Upper
122 100
105 129.2 115.0 155.0
77 101.6 80.9 120.9

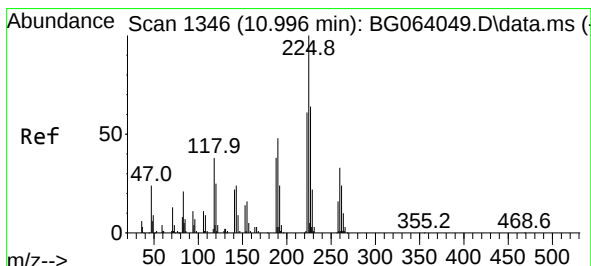
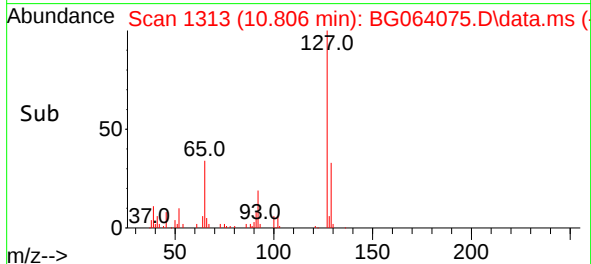
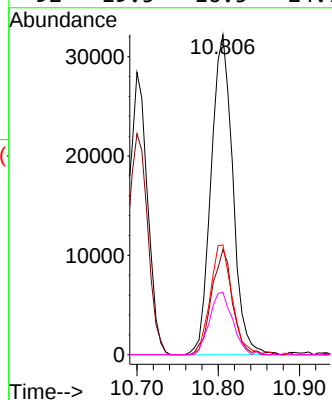
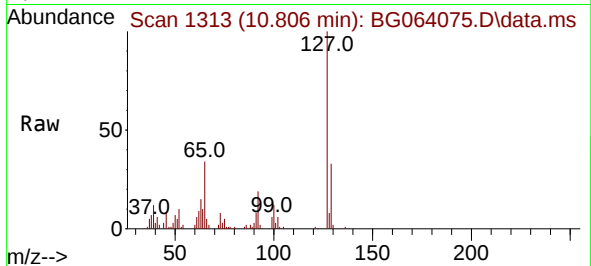




#33
4-Chloroaniline
Concen: 19.581 ng
RT: 10.806 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

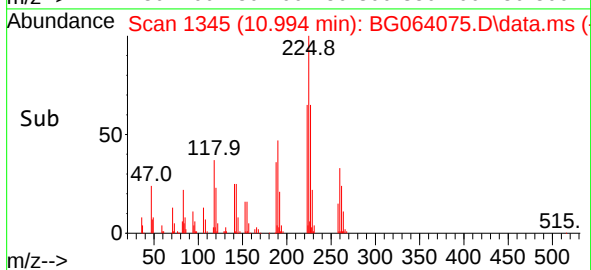
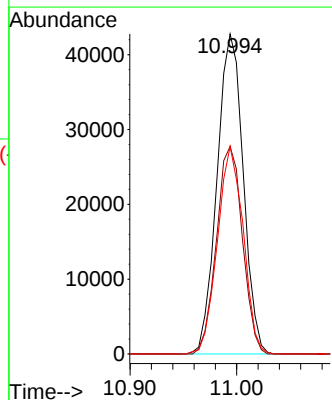
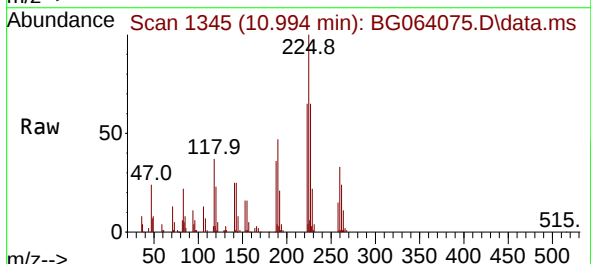
Instrument :
BNA_G
ClientSampleId :
PB167035BS

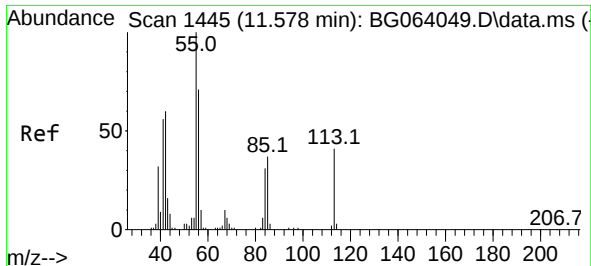
Tgt Ion:	127	Resp:	59743
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.0	37.4
65	34.3	28.5	42.7
92	19.5	16.5	24.7



#34
Hexachlorobutadiene
Concen: 43.397 ng
RT: 10.994 min Scan# 1345
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:	225	Resp:	72884
Ion	Ratio	Lower	Upper
225	100		
223	64.9	48.5	72.7
227	64.9	51.0	76.6

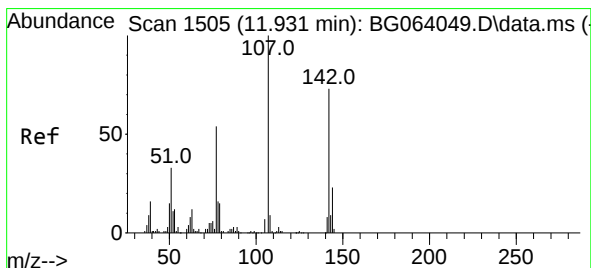
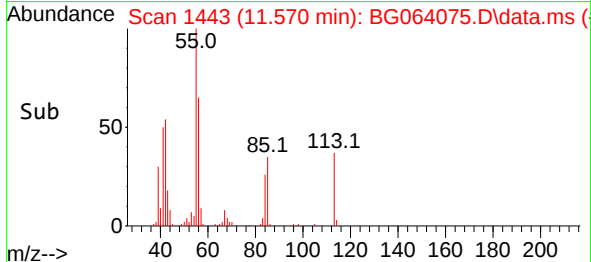
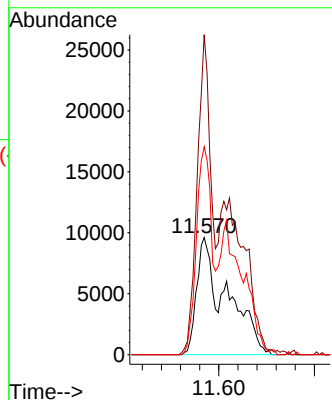
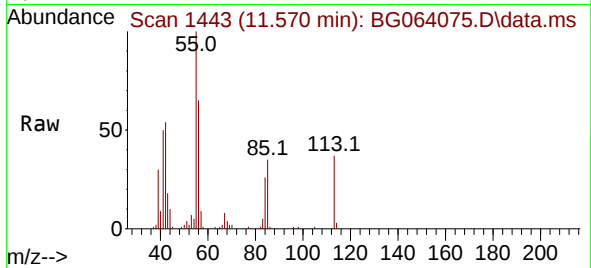




#35
Caprolactam
Concen: 51.367 ng m
RT: 11.570 min Scan# 1445
Delta R.T. -0.008 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

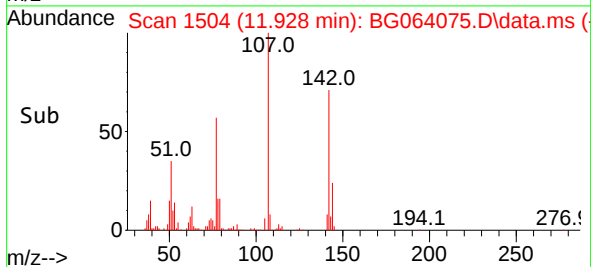
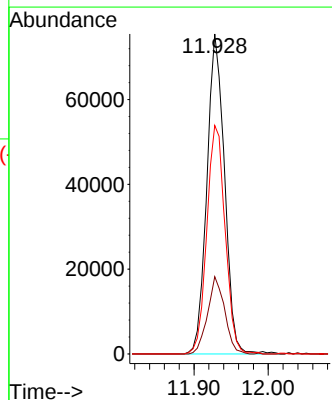
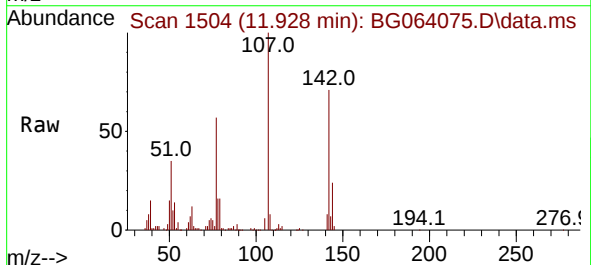
Instrument :
BNA_G
ClientSampleId :
PB167035BS

Tgt Ion:113 Resp: 41781
Ion Ratio Lower Upper
113 100
55 273.2 225.2 265.2#
56 177.6 153.4 193.4



#36
4-Chloro-3-methylphenol
Concen: 44.847 ng
RT: 11.928 min Scan# 1504
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:107 Resp: 124775
Ion Ratio Lower Upper
107 100
144 24.1 18.6 28.0
142 71.4 58.0 87.0

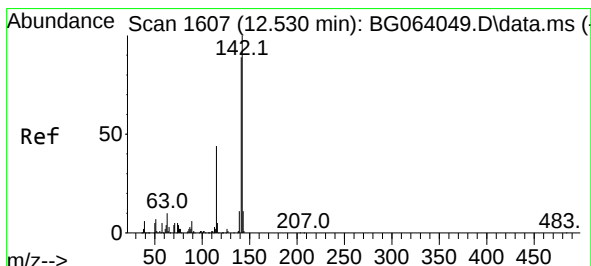
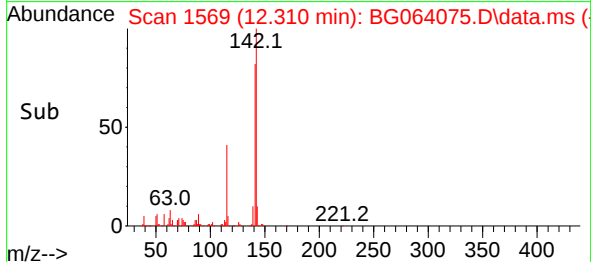
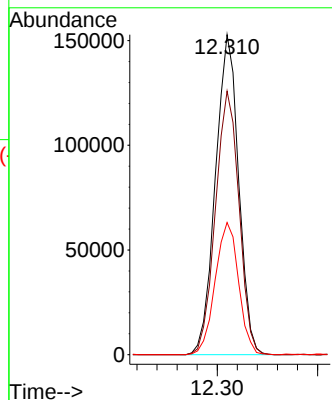
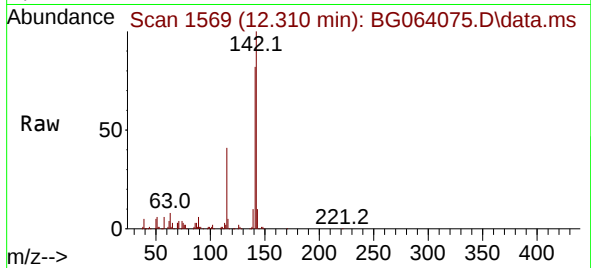




#37
2-Methylnaphthalene
Concen: 41.518 ng
RT: 12.310 min Scan# 1569
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

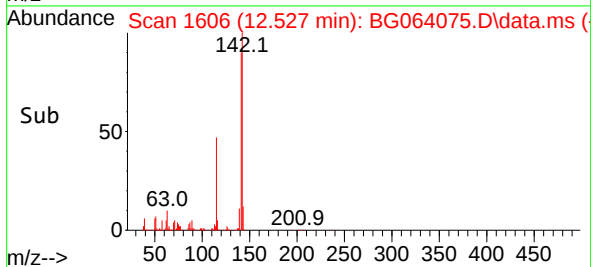
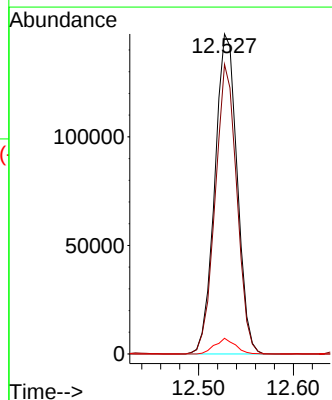
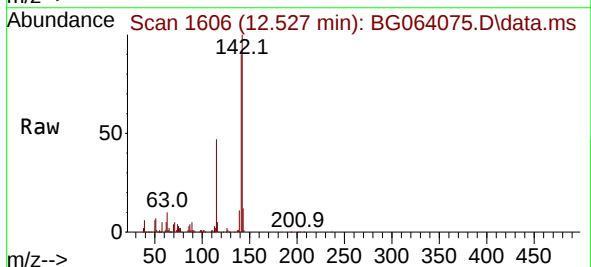
Instrument :
BNA_G
ClientSampleId :
PB167035BS

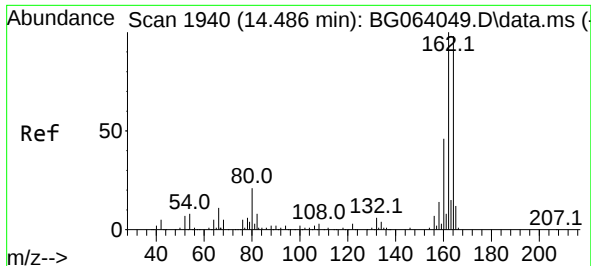
Tgt Ion:142 Resp: 244676
Ion Ratio Lower Upper
142 100
141 82.3 68.6 103.0
115 41.3 32.8 49.2



#38
1-Methylnaphthalene
Concen: 41.788 ng
RT: 12.527 min Scan# 1606
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:142 Resp: 241268
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8
116 4.9 3.6 5.4

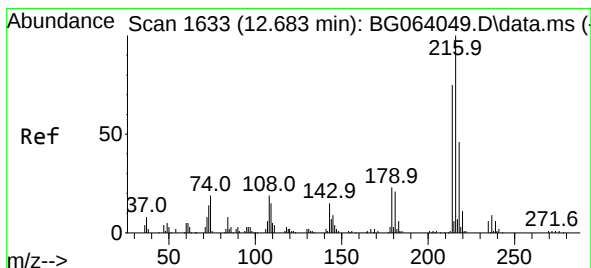
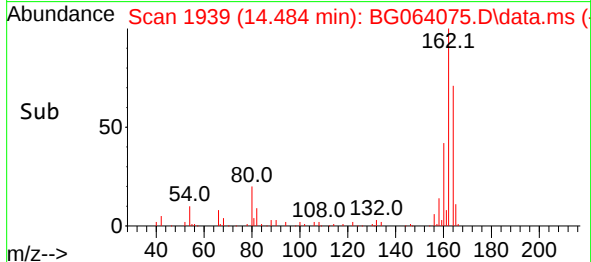
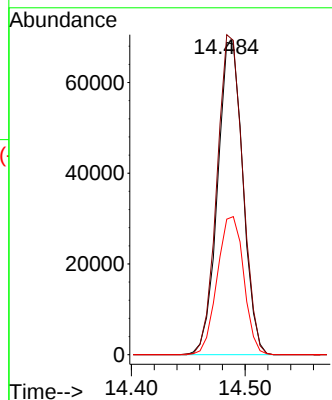
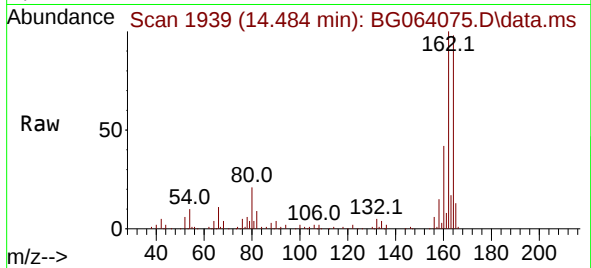




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.484 min Scan# 1940
Delta R.T. -0.002 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

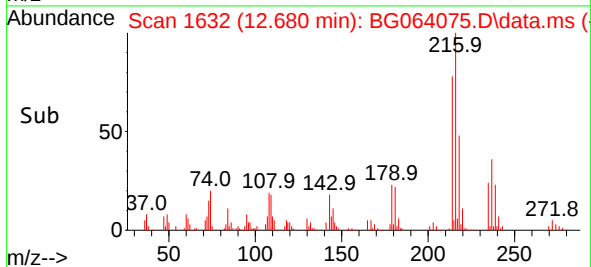
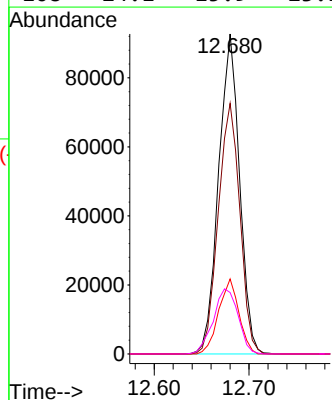
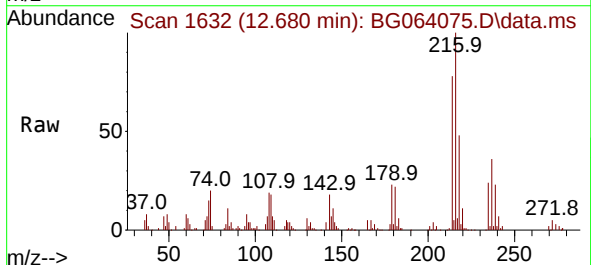
Instrument :
BNA_G
ClientSampleId :
PB167035BS

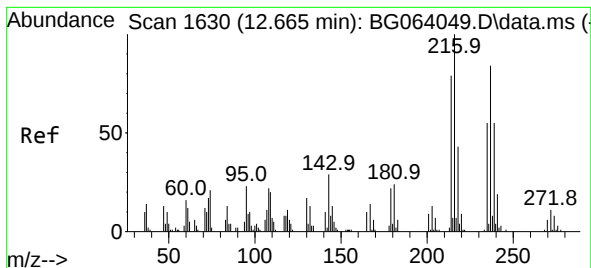
Tgt Ion:164 Resp: 106817
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 43.4 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.717 ng
RT: 12.680 min Scan# 1632
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:216 Resp: 142467
Ion Ratio Lower Upper
216 100
214 80.7 61.7 92.5
179 22.6 17.9 26.9
108 24.1 15.9 23.9#





#41

Hexachlorocyclopentadiene

Concen: 187.650 ng

RT: 12.662 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

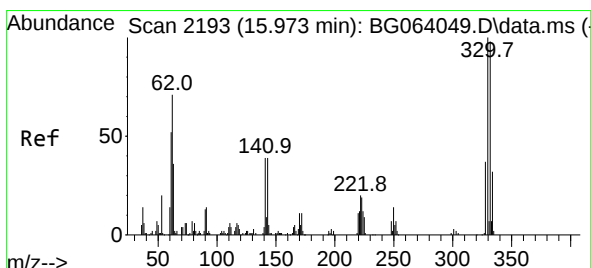
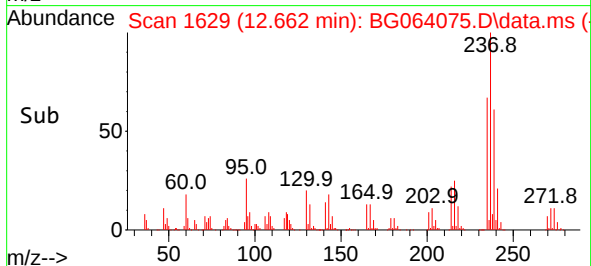
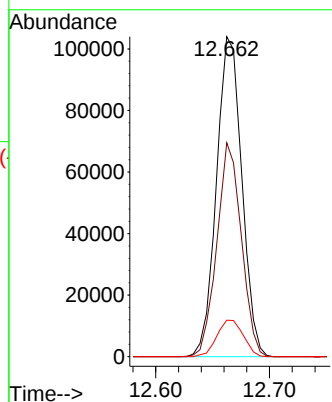
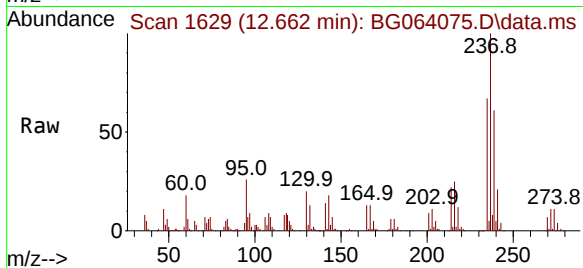
Tgt Ion:237 Resp: 161060

Ion Ratio Lower Upper

237 100

235 66.8 46.0 86.0

272 11.4 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 153.621 ng

RT: 15.976 min Scan# 2193

Delta R.T. 0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

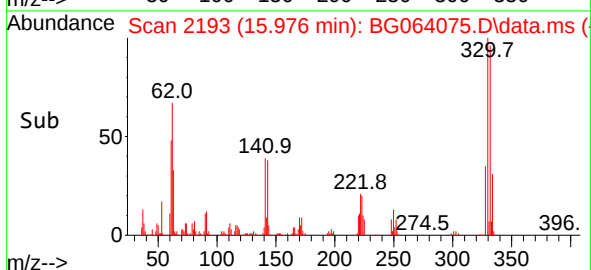
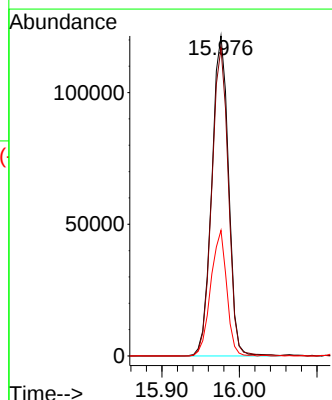
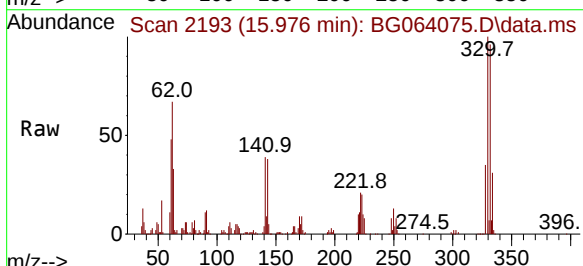
Tgt Ion:330 Resp: 182401

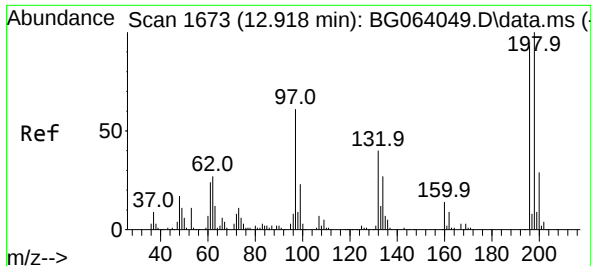
Ion Ratio Lower Upper

330 100

332 95.0 76.7 115.1

141 37.3 29.7 44.5

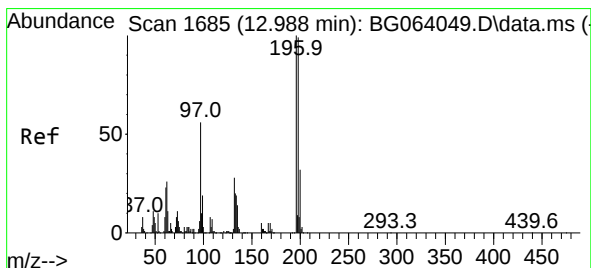
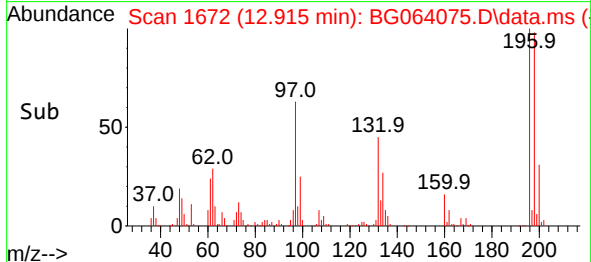
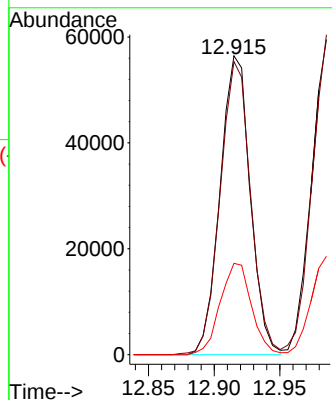
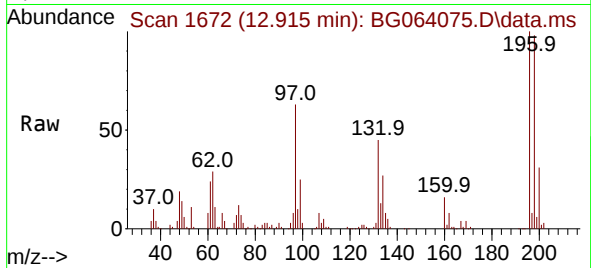




#43
2,4,6-Trichlorophenol
Concen: 50.214 ng
RT: 12.915 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

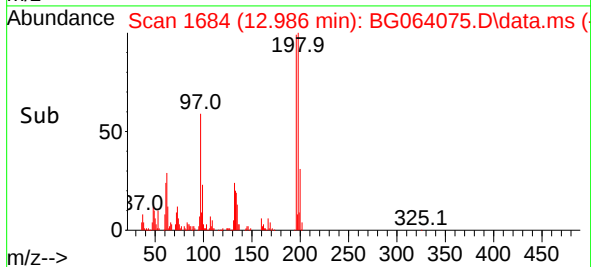
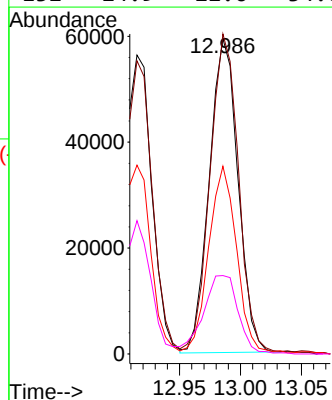
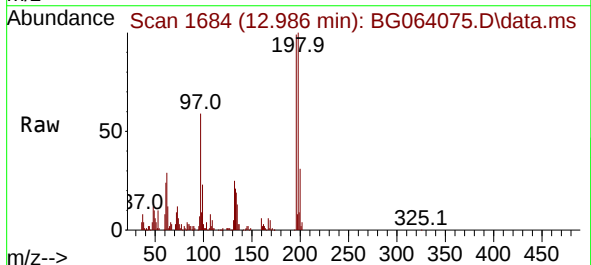
Instrument :
BNA_G
ClientSampleId :
PB167035BS

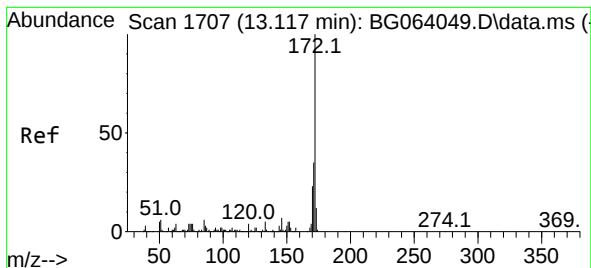
Tgt Ion:196 Resp: 90250
Ion Ratio Lower Upper
196 100
198 98.1 85.6 128.4
200 30.6 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 48.673 ng
RT: 12.986 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:196 Resp: 97202
Ion Ratio Lower Upper
196 100
198 101.5 79.5 119.3
97 59.5 45.2 67.8
132 24.9 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 92.773 ng

RT: 13.115 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

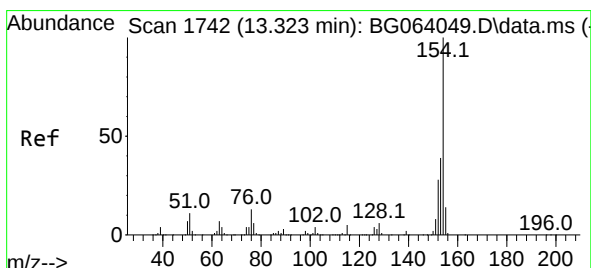
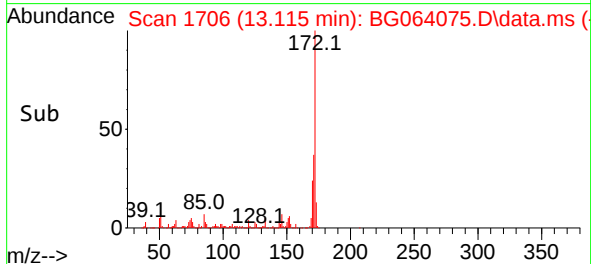
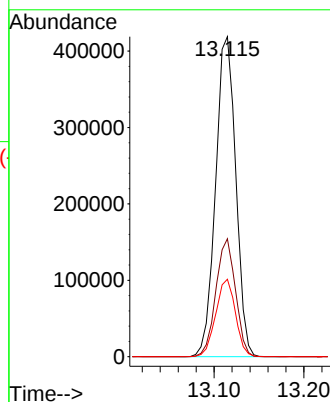
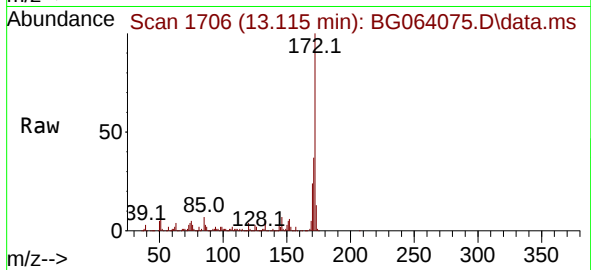
Tgt Ion:172 Resp: 652866

Ion Ratio Lower Upper

172 100

171 36.9 28.0 42.0

170 24.2 18.7 28.1



#46

1,1'-Biphenyl

Concen: 48.778 ng

RT: 13.320 min Scan# 1741

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

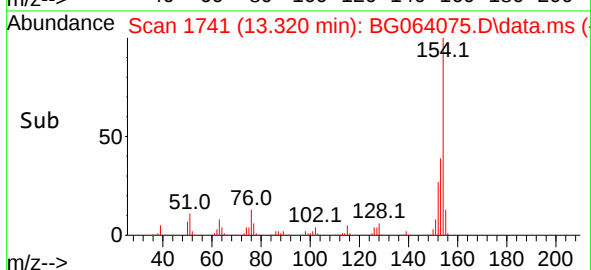
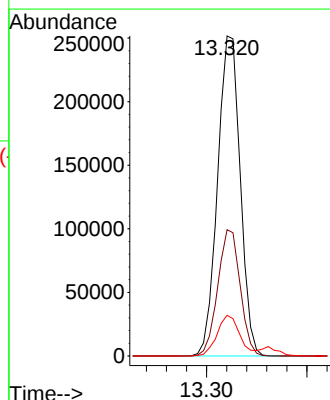
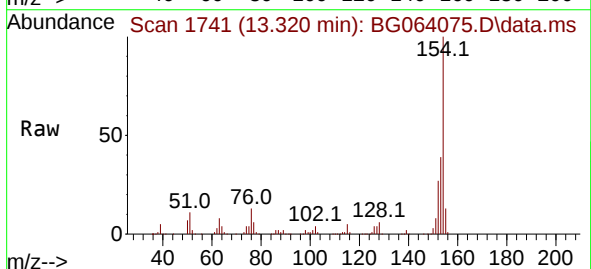
Tgt Ion:154 Resp: 393645

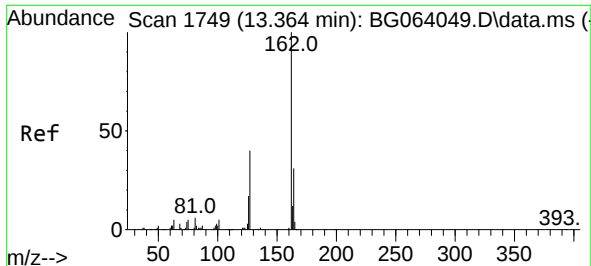
Ion Ratio Lower Upper

154 100

153 39.4 19.5 59.5

76 12.7 0.0 33.5

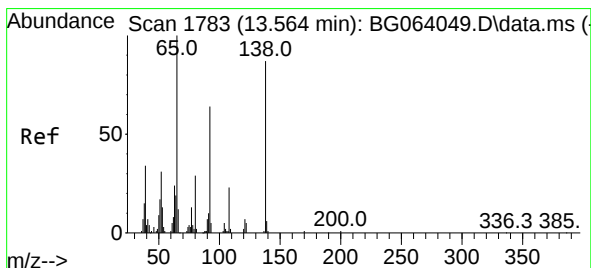
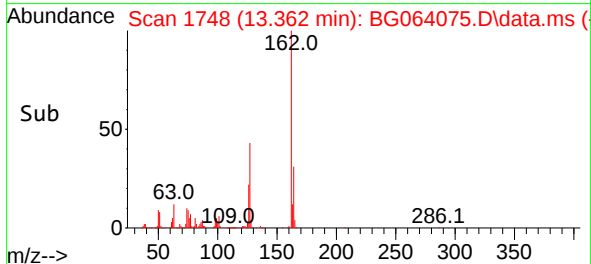
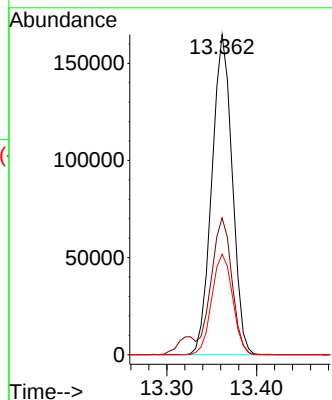
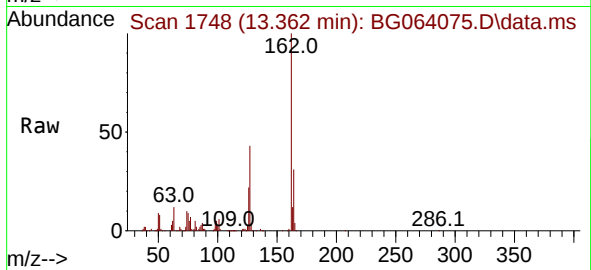




#47
2-Chloronaphthalene
Concen: 44.100 ng
RT: 13.362 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

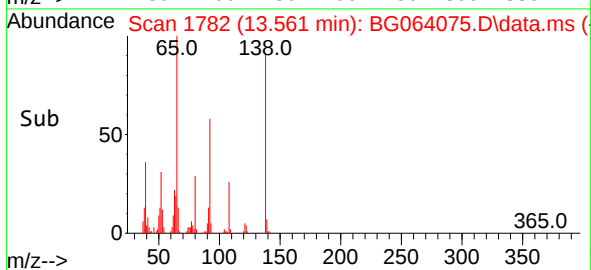
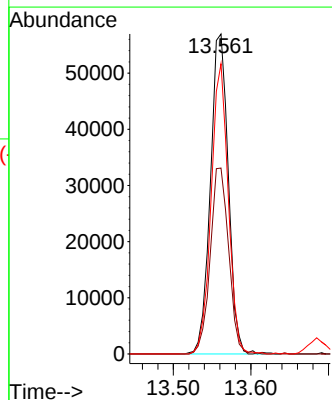
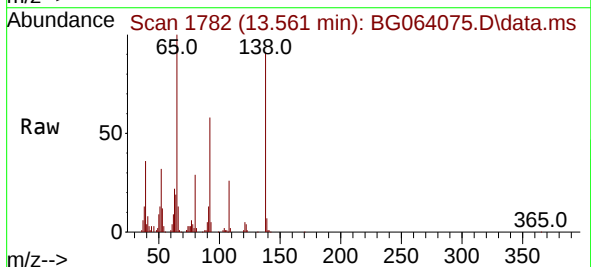
Instrument :
BNA_G
ClientSampleId :
PB167035BS

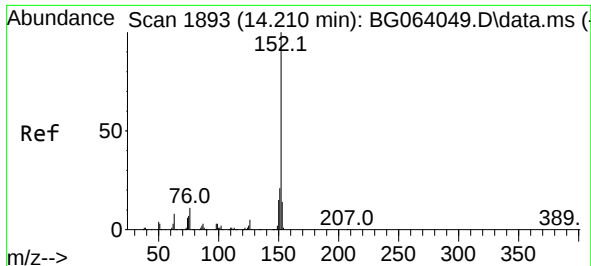
Tgt Ion:162 Resp: 259563
Ion Ratio Lower Upper
162 100
127 42.7 35.0 52.4
164 31.4 25.0 37.6



#48
2-Nitroaniline
Concen: 46.946 ng
RT: 13.561 min Scan# 1782
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion: 65 Resp: 91303
Ion Ratio Lower Upper
65 100
92 58.1 51.2 76.8
138 90.7 69.4 104.2

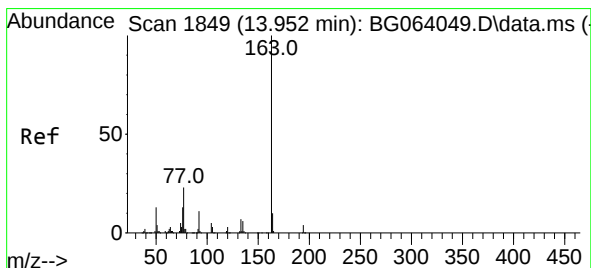
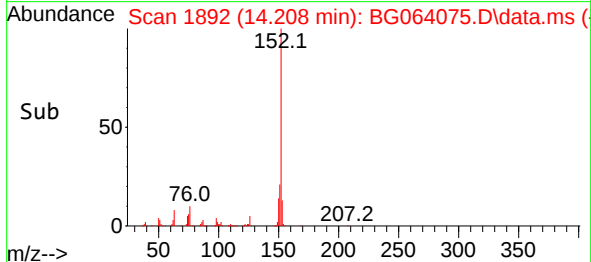
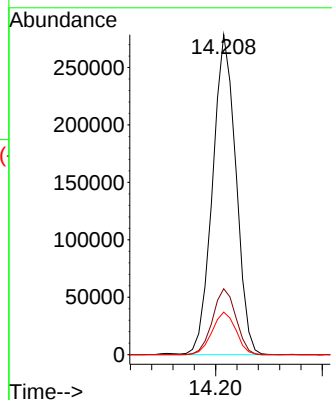
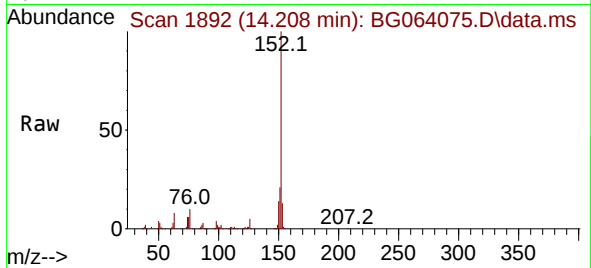




#49
Acenaphthylene
Concen: 45.482 ng
RT: 14.208 min Scan# 1892
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

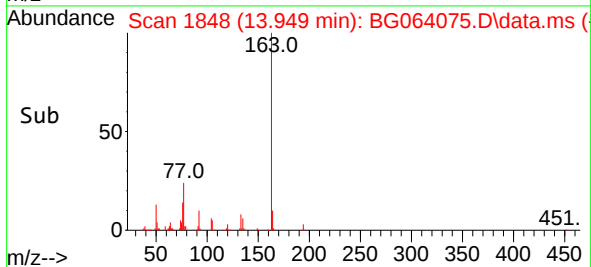
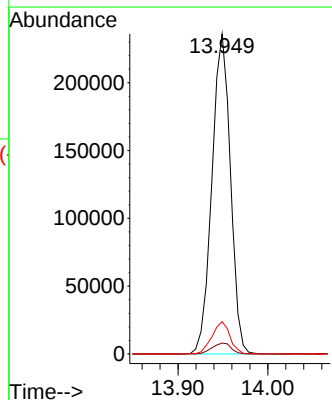
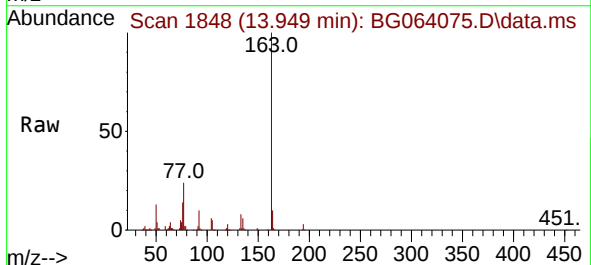
Instrument :
BNA_G
ClientSampleId :
PB167035BS

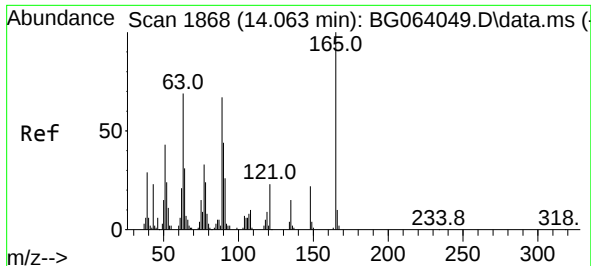
Tgt Ion:152 Resp: 423420
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.3 10.9 16.3



#50
Dimethylphthalate
Concen: 42.802 ng
RT: 13.949 min Scan# 1848
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:163 Resp: 337492
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.1 8.2 12.2

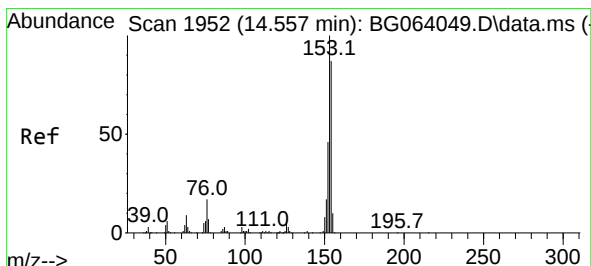
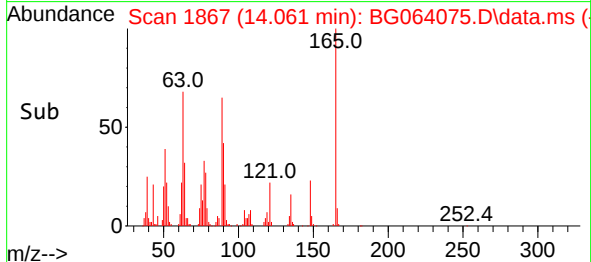
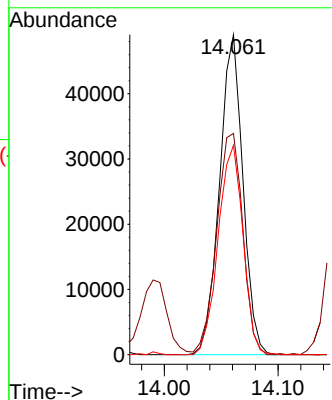
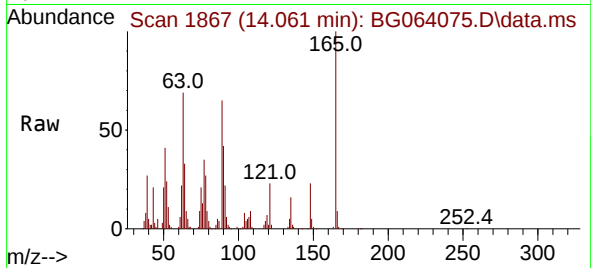




#51
2,6-Dinitrotoluene
Concen: 44.023 ng
RT: 14.061 min Scan# 1867
Delta R.T. -0.002 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

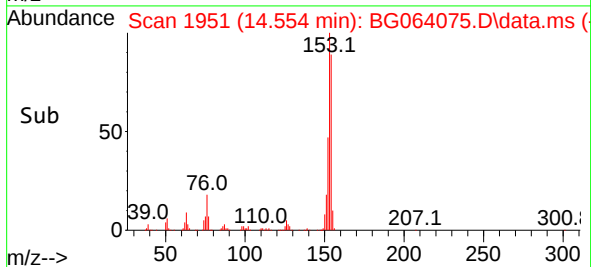
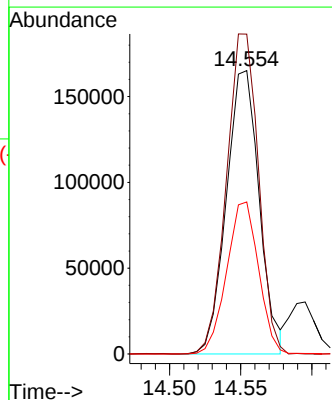
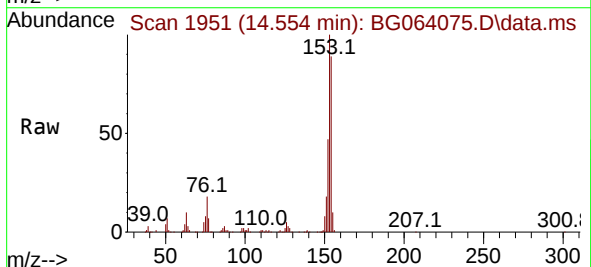
Instrument :
BNA_G
ClientSampleId :
PB167035BS

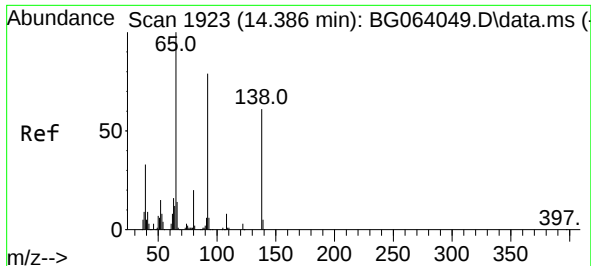
Tgt Ion:165 Resp: 69943
Ion Ratio Lower Upper
165 100
63 69.2 56.7 85.1
89 65.4 53.7 80.5



#52
Acenaphthene
Concen: 42.585 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:154 Resp: 266063
Ion Ratio Lower Upper
154 100
153 112.9 91.6 137.4
152 53.6 42.5 63.7

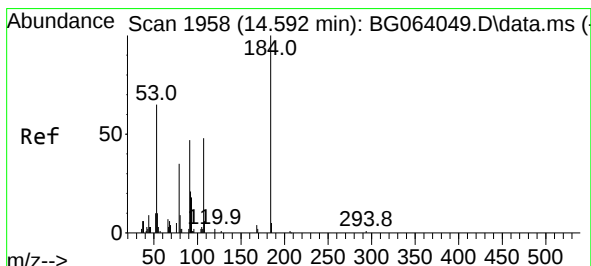
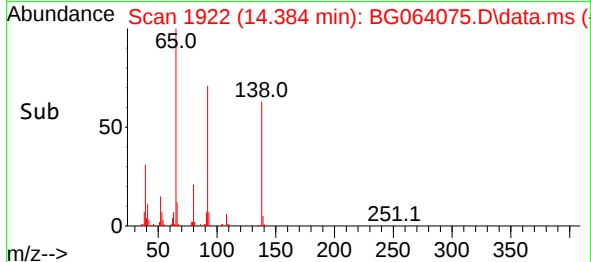
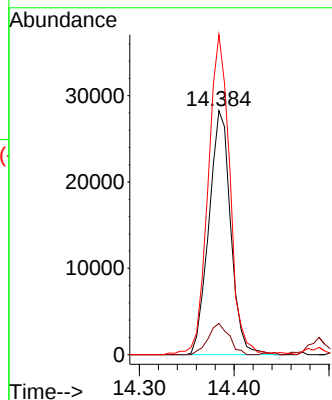
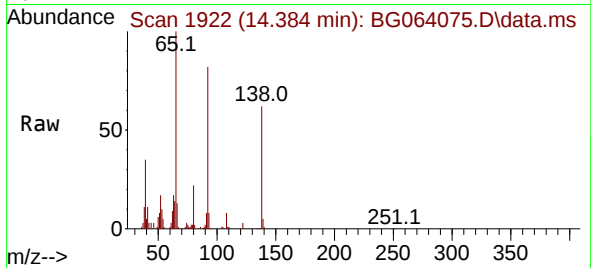




#53
3-Nitroaniline
Concen: 29.514 ng
RT: 14.384 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

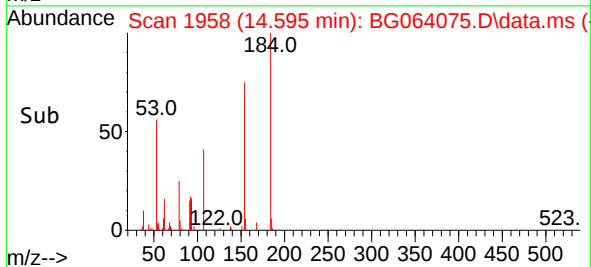
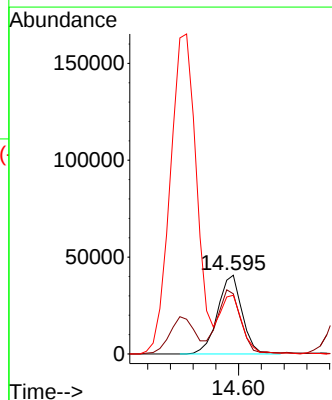
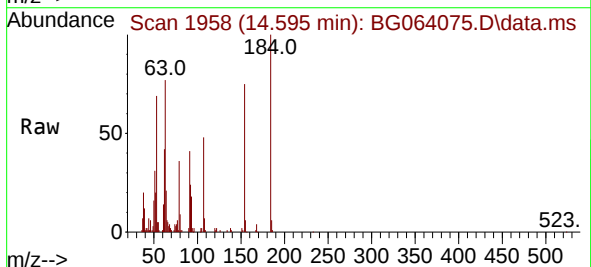
Instrument :
BNA_G
ClientSampleId :
PB167035BS

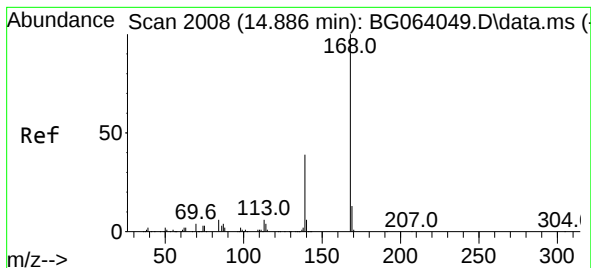
Tgt Ion:138 Resp: 44978
Ion Ratio Lower Upper
138 100
108 12.8 10.1 15.1
92 131.1 104.1 156.1



#54
2,4-Dinitrophenol
Concen: 89.770 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:184 Resp: 60584
Ion Ratio Lower Upper
184 100
63 76.6 57.5 86.3
154 74.8 52.3 78.5





#55

Dibenzenofuran

Concen: 41.254 ng

RT: 14.889 min Scan# 2008

Delta R.T. 0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

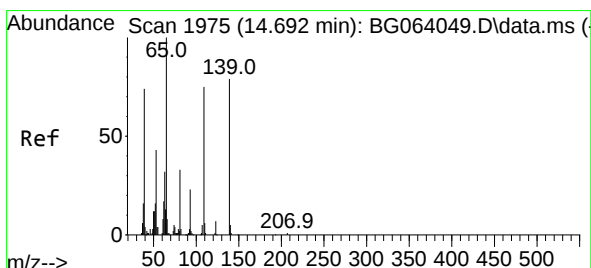
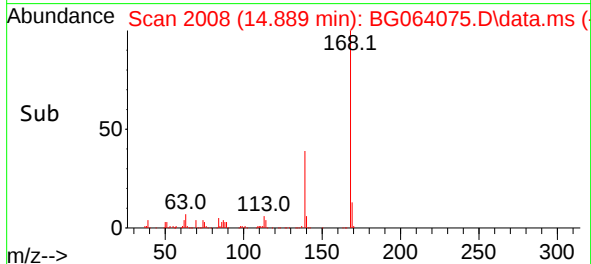
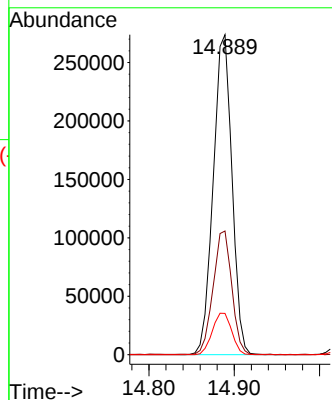
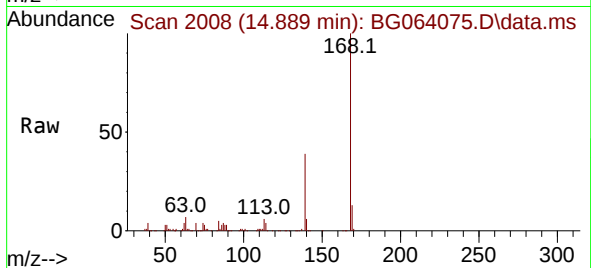
Tgt Ion:168 Resp: 417547

Ion Ratio Lower Upper

168 100

139 38.6 31.1 46.7

169 12.9 10.5 15.7



#56

4-Nitrophenol

Concen: 101.809 ng

RT: 14.695 min Scan# 1975

Delta R.T. 0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

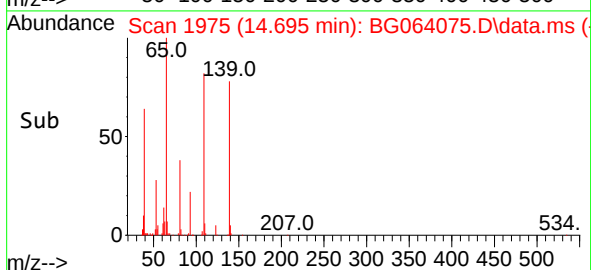
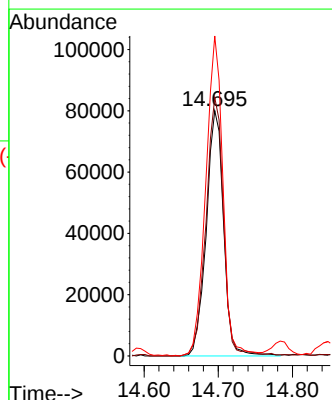
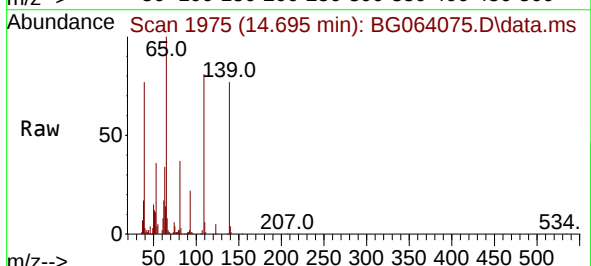
Tgt Ion:139 Resp: 130121

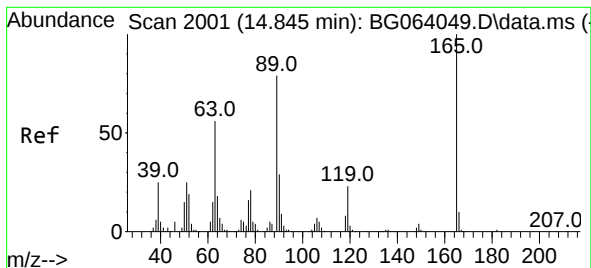
Ion Ratio Lower Upper

139 100

109 105.4 74.9 114.9

65 130.5 106.8 146.8

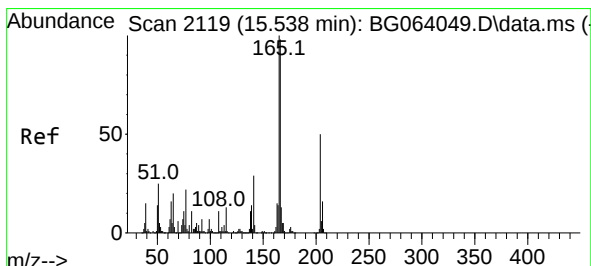
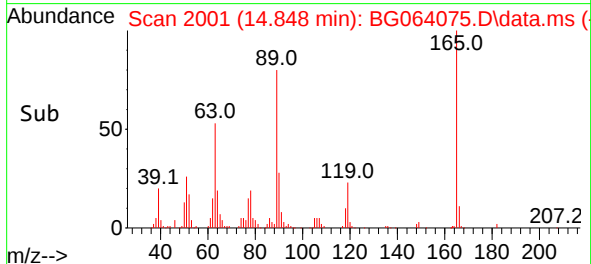
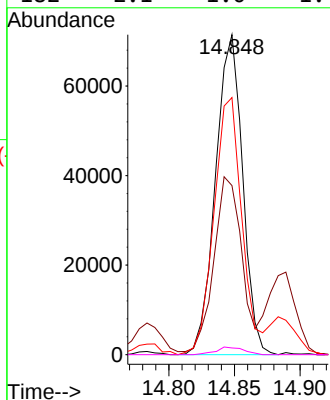
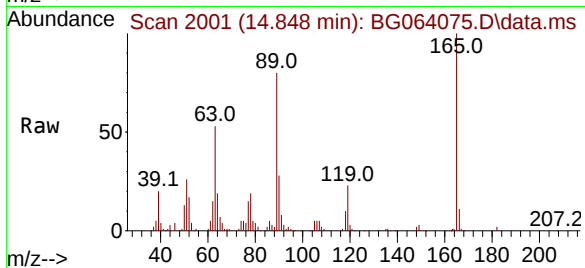




#57
2,4-Dinitrotoluene
Concen: 46.559 ng
RT: 14.848 min Scan# 20
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

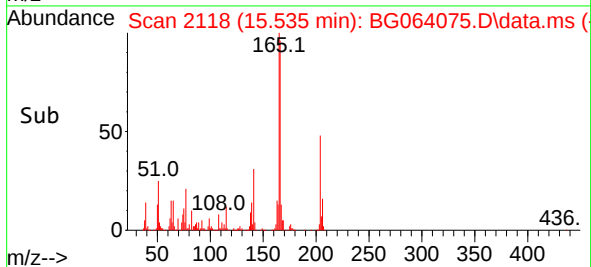
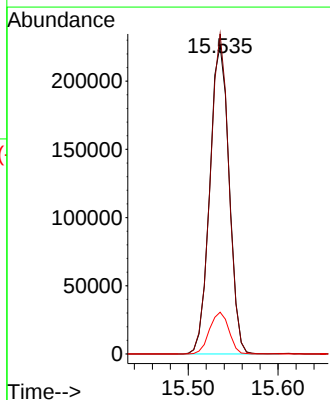
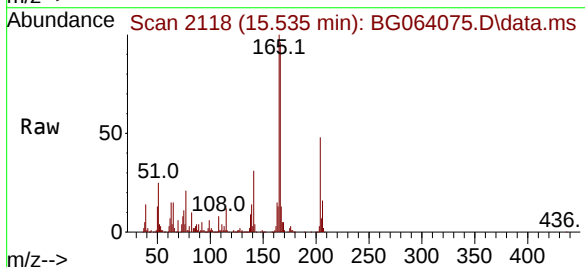
Instrument :
BNA_G
ClientSampleId :
PB167035BS

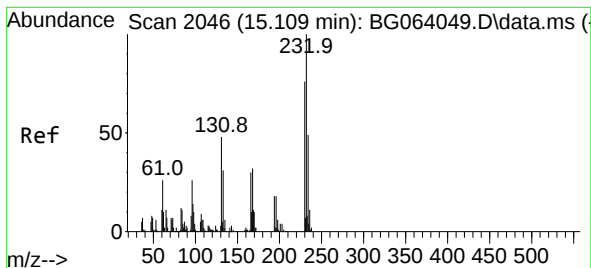
Tgt Ion:165 Resp: 102503
Ion Ratio Lower Upper
165 100
63 52.8 45.0 67.6
89 80.4 63.1 94.7
182 2.1 1.0 1.4#



#58
Fluorene
Concen: 42.973 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:166 Resp: 338764
Ion Ratio Lower Upper
166 100
165 103.7 81.8 122.8
167 13.6 10.8 16.2

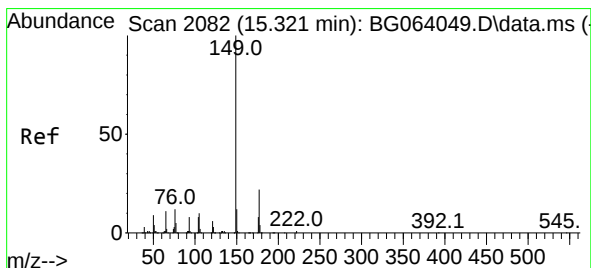
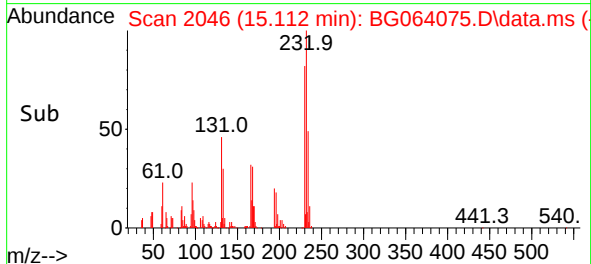
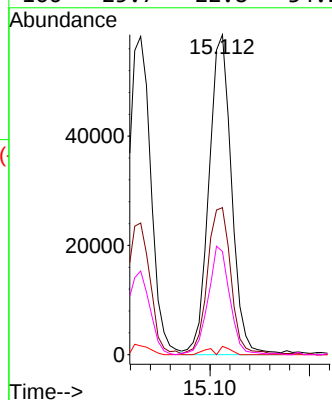
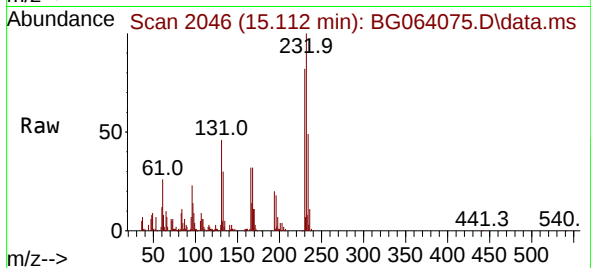




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.550 ng m
RT: 15.112 min Scan# 2046
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

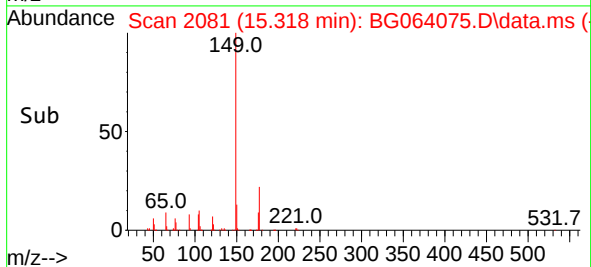
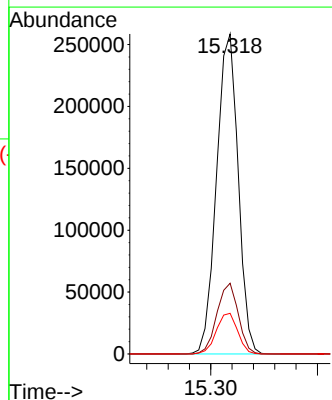
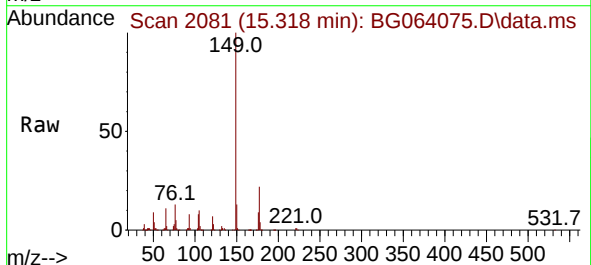
Instrument :
BNA_G
ClientSampleId :
PB167035BS

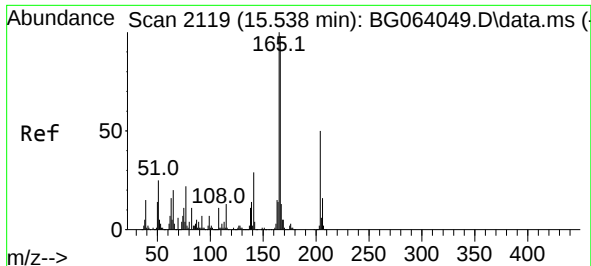
Tgt Ion:232	Resp:	92576
Ion Ratio	Lower	Upper
232	100	
131	41.5	36.3 54.5
130	2.6	1.9 2.9
166	25.7	22.8 34.2



#60
Diethylphthalate
Concen: 42.379 ng
RT: 15.318 min Scan# 2081
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:149	Resp:	362756
Ion Ratio	Lower	Upper
149	100	
177	22.1	17.4 26.2
150	12.7	9.4 14.2

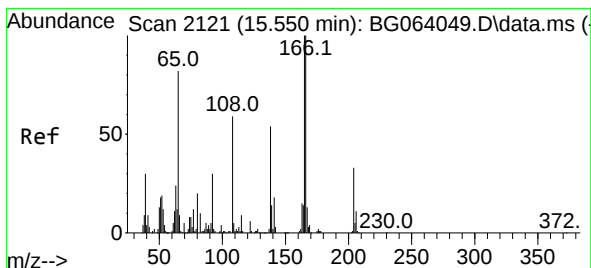
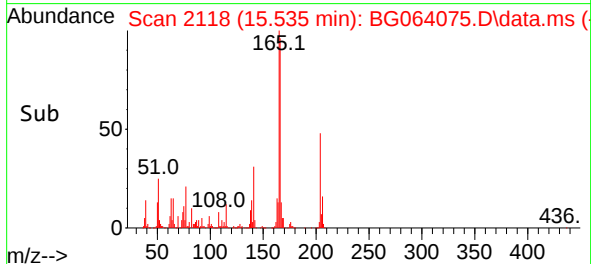
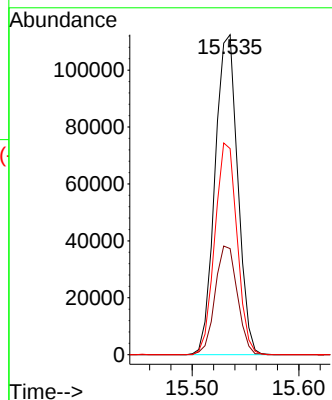
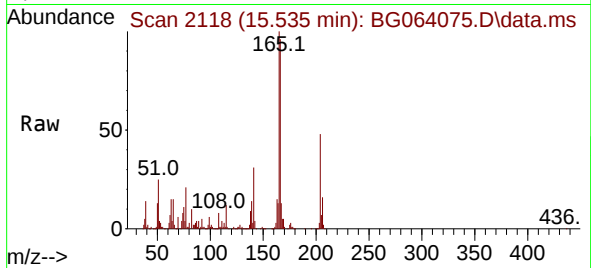




#61
4-Chlorophenyl-phenylether
Concen: 42.385 ng
RT: 15.535 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

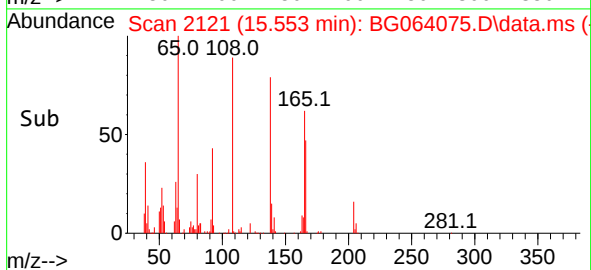
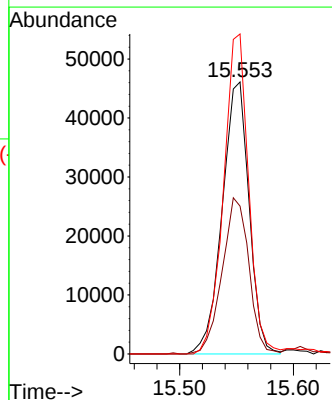
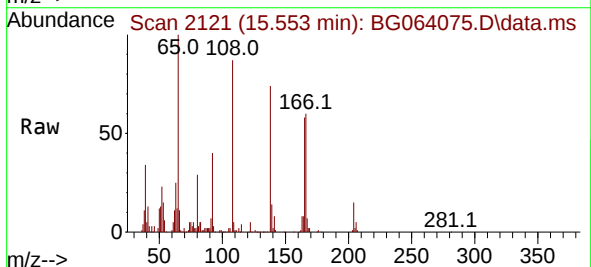
Instrument :
BNA_G
ClientSampleId :
PB167035BS

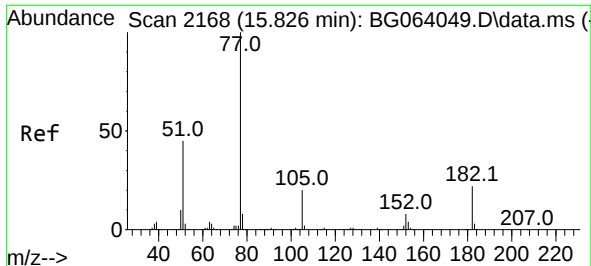
Tgt Ion:204 Resp: 166039
Ion Ratio Lower Upper
204 100
206 33.1 25.5 38.3
141 64.4 45.4 68.0



#62
4-Nitroaniline
Concen: 45.936 ng
RT: 15.553 min Scan# 2121
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:138 Resp: 75579
Ion Ratio Lower Upper
138 100
92 54.4 36.1 76.1
108 117.6 87.9 127.9

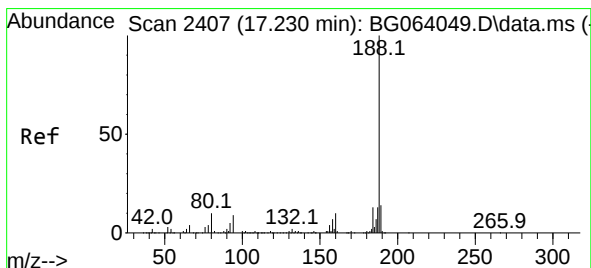
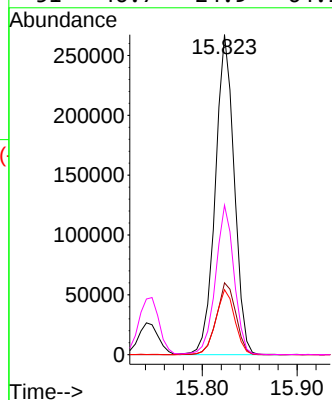
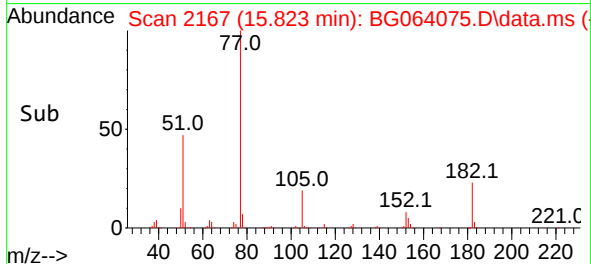
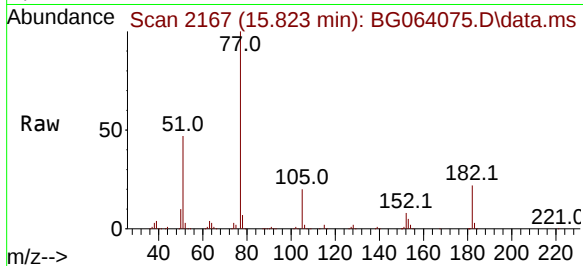




#63
Azobenzene
Concen: 40.626 ng
RT: 15.823 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

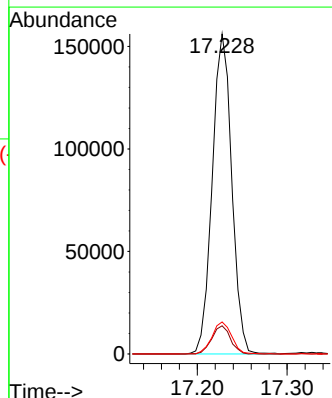
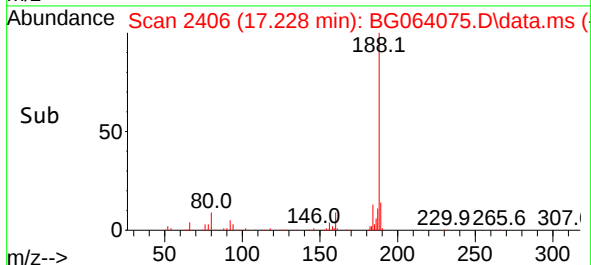
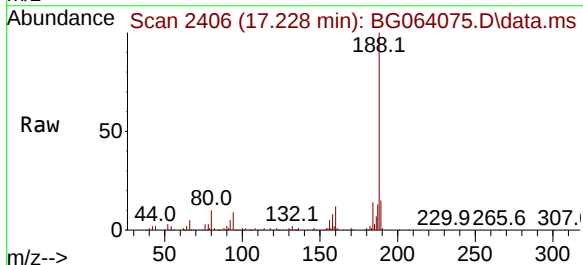
Instrument :
BNA_G
ClientSampleId :
PB167035BS

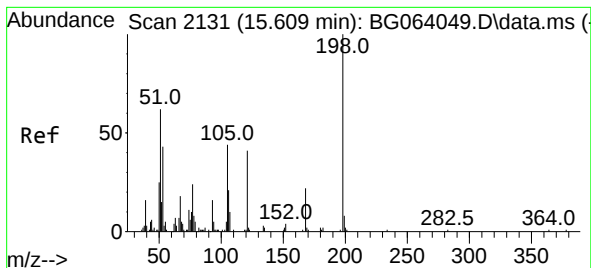
Tgt Ion: 77	Resp: 371087
Ion Ratio	Lower Upper
77 100	
182 22.4	2.4 42.4
105 20.3	0.0 40.0
51 46.7	24.9 64.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:188	Resp: 235208
Ion Ratio	Lower Upper
188 100	
94 8.8	6.9 10.3
80 10.0	8.1 12.1

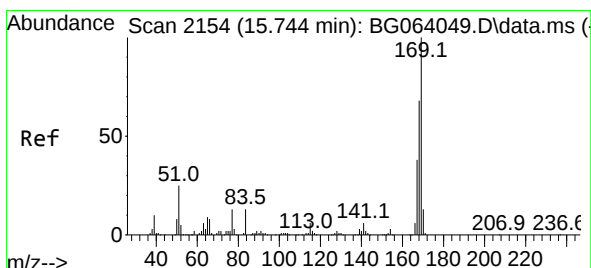
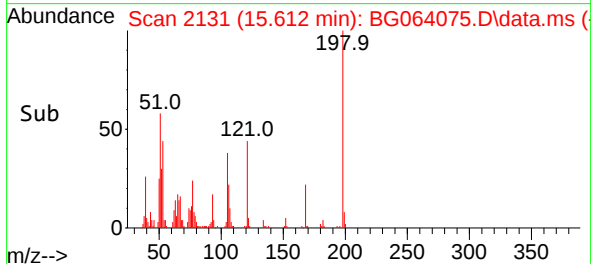
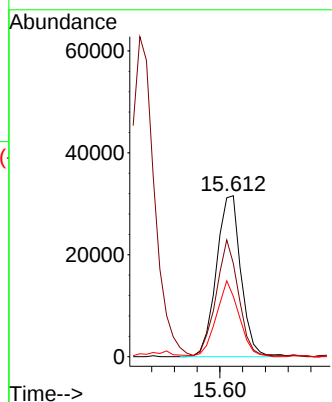
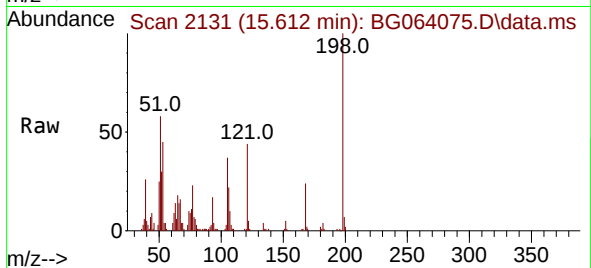




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.799 ng
 RT: 15.612 min Scan# 2131
 Delta R.T. 0.003 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

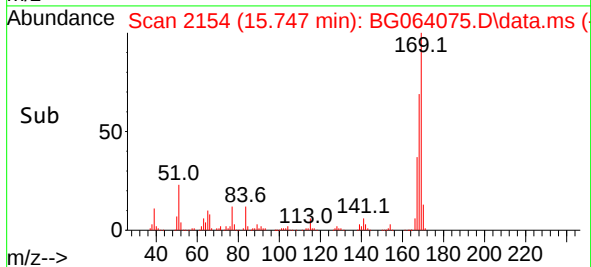
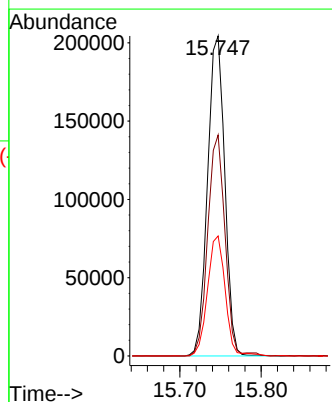
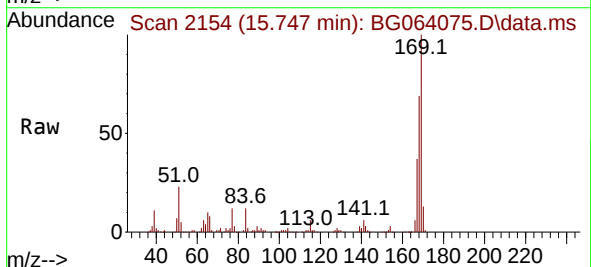
Instrument :
 BNA_G
 ClientSampleId :
 PB167035BS

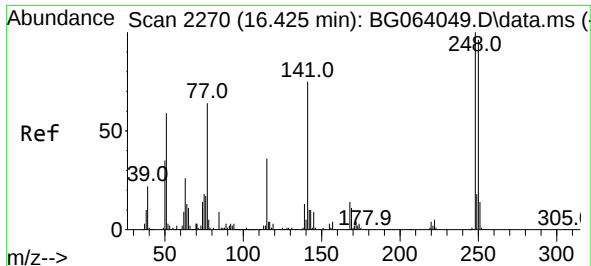
Tgt Ion:198 Resp: 47302
 Ion Ratio Lower Upper
 198 100
 51 58.0 45.6 85.6
 105 37.5 25.3 65.3



#66
 n-Nitrosodiphenylamine
 Concen: 45.004 ng
 RT: 15.747 min Scan# 2154
 Delta R.T. 0.003 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

Tgt Ion:169 Resp: 299630
 Ion Ratio Lower Upper
 169 100
 168 69.0 54.1 81.1
 167 37.5 30.3 45.5

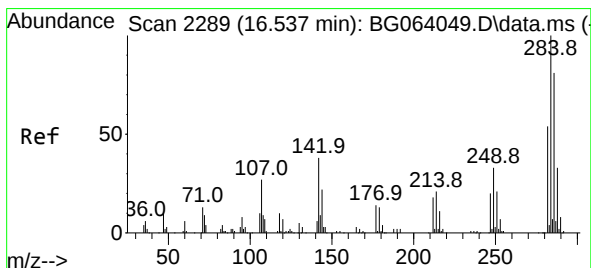
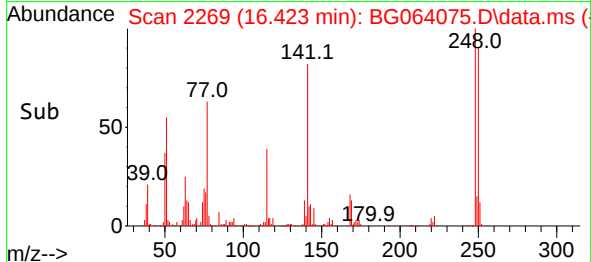
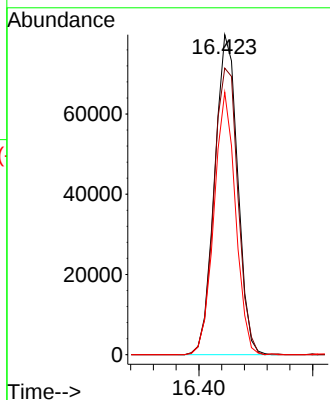
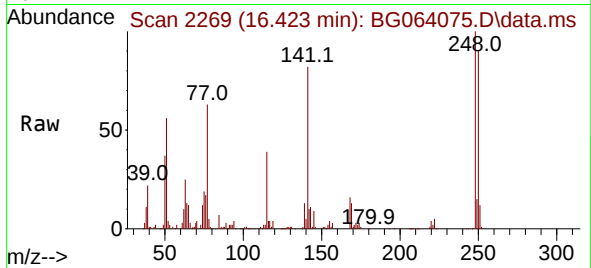




#67
4-Bromophenyl-phenylether
Concen: 46.570 ng
RT: 16.423 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

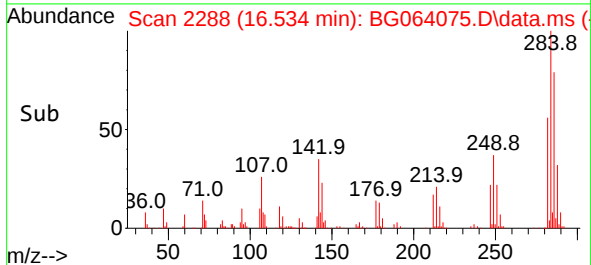
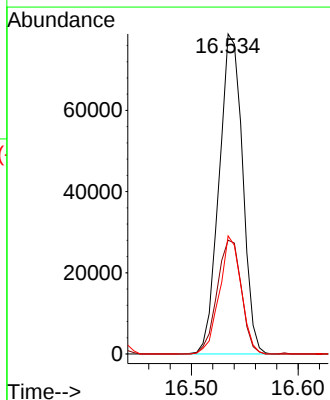
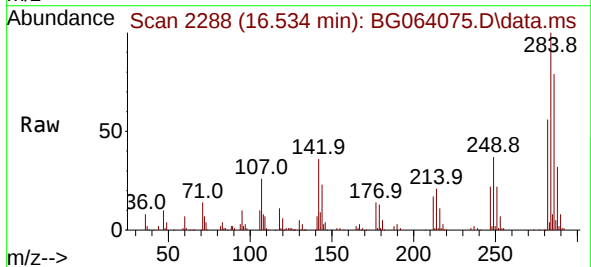
Instrument :
BNA_G
ClientSampleId :
PB167035BS

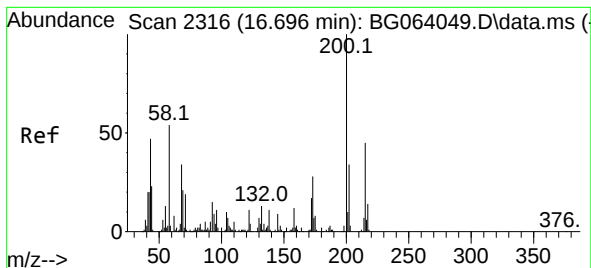
Tgt Ion:248 Resp: 112186
Ion Ratio Lower Upper
248 100
250 89.5 77.1 115.7
141 82.0 59.8 89.8



#68
Hexachlorobenzene
Concen: 44.727 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:284 Resp: 120627
Ion Ratio Lower Upper
284 100
142 35.6 30.6 45.8
249 36.9 26.6 39.8





#69

Atrazine

Concen: 67.961 ng

RT: 16.699 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

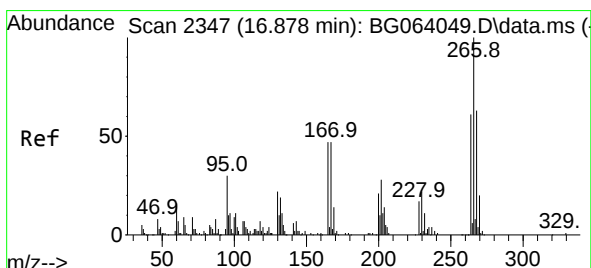
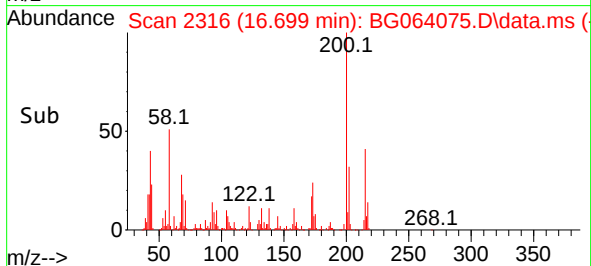
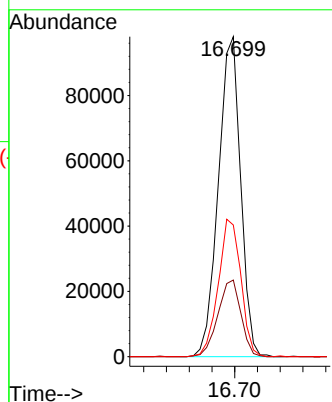
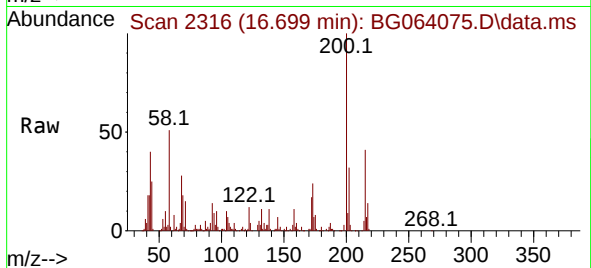
Tgt Ion:200 Resp: 133132

Ion Ratio Lower Upper

200 100

173 23.9 8.2 48.2

215 41.2 25.5 65.5



#70

Pentachlorophenol

Concen: 91.945 ng

RT: 16.881 min Scan# 2347

Delta R.T. 0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

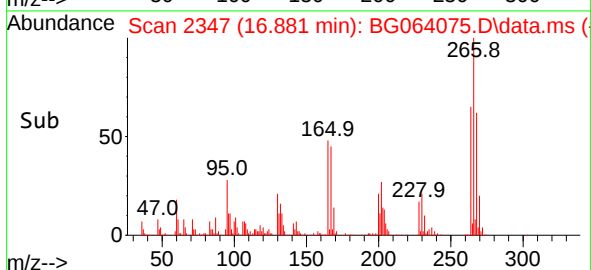
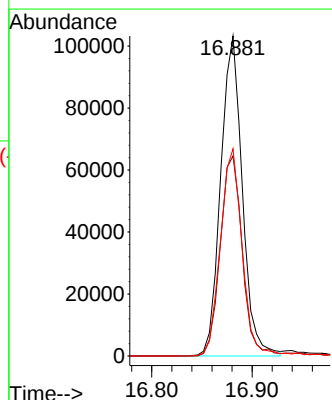
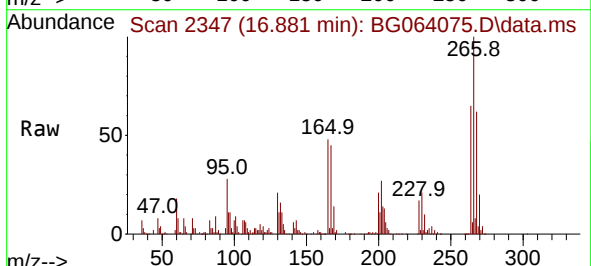
Tgt Ion:266 Resp: 153962

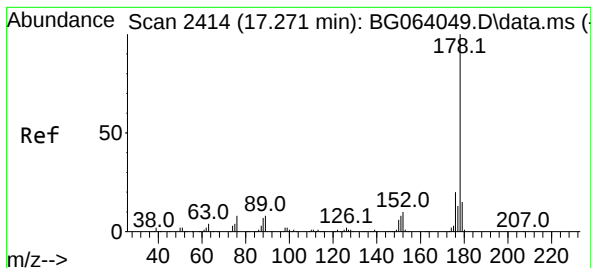
Ion Ratio Lower Upper

266 100

268 62.5 50.2 75.4

264 64.7 48.9 73.3





#71

Phenanthrene

Concen: 44.568 ng

RT: 17.269 min Scan# 2413

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

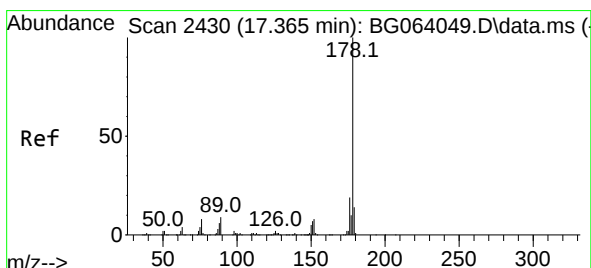
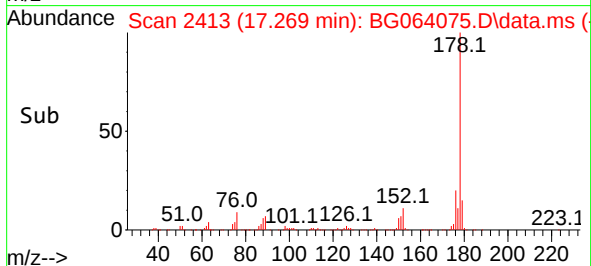
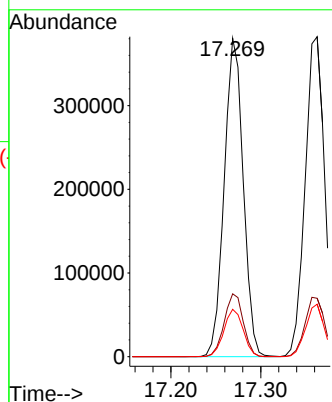
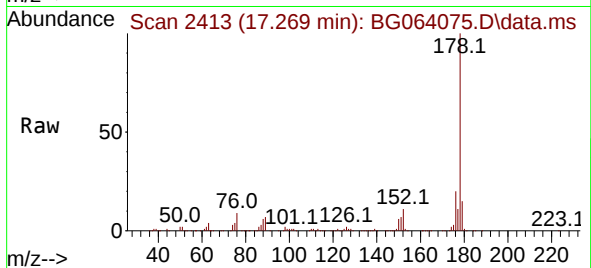
Tgt Ion:178 Resp: 559131

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

179 14.9 12.2 18.2



#72

Anthracene

Concen: 46.233 ng

RT: 17.363 min Scan# 2429

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

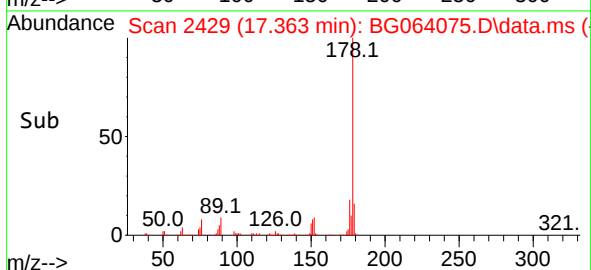
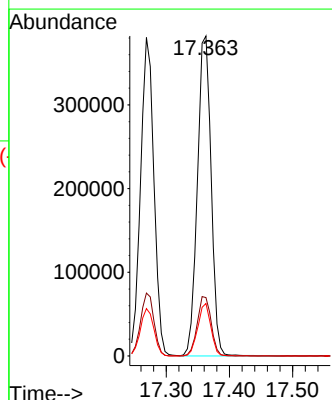
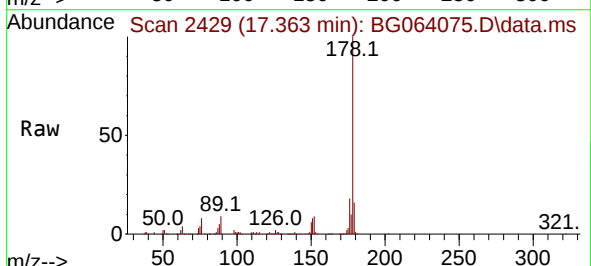
Tgt Ion:178 Resp: 576746

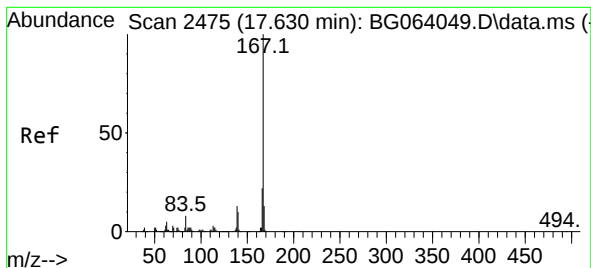
Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

179 16.4 11.5 17.3





#73

Carbazole

Concen: 44.184 ng

RT: 17.627 min Scan# 2475

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

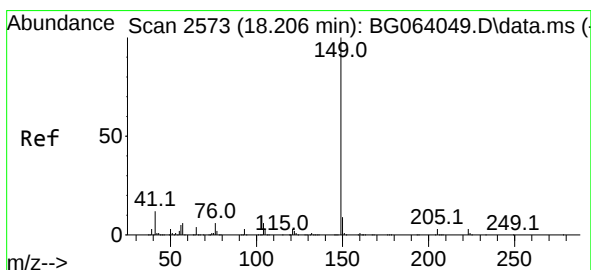
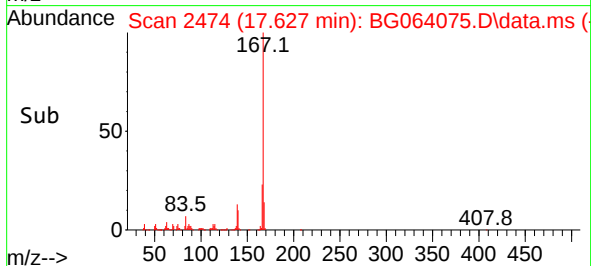
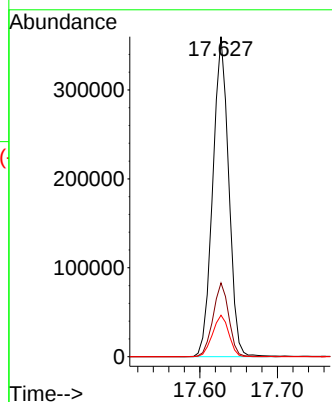
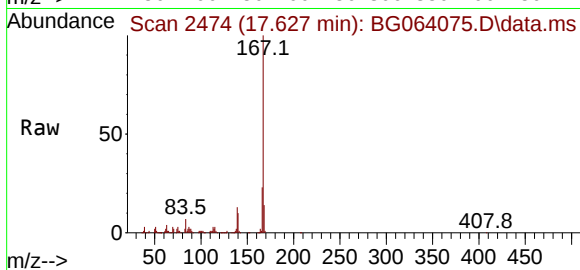
Tgt Ion:167 Resp: 514613

Ion Ratio Lower Upper

167 100

166 23.1 18.0 27.0

139 13.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 45.203 ng

RT: 18.203 min Scan# 2572

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

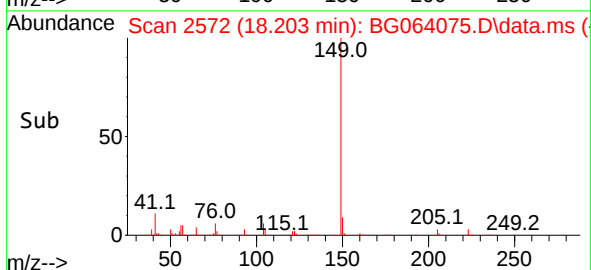
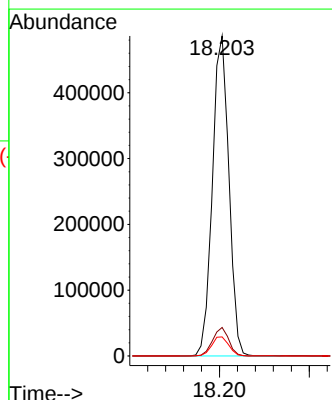
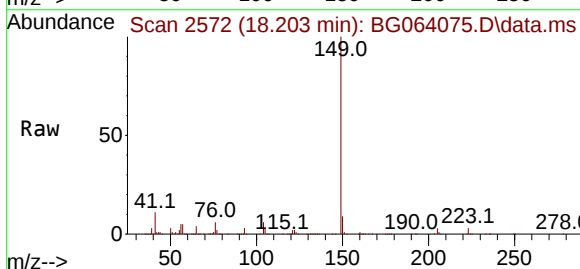
Tgt Ion:149 Resp: 619724

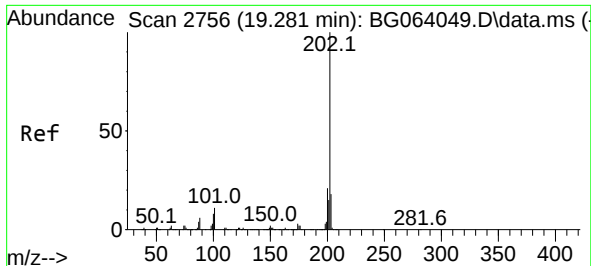
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 6.0 5.0 7.6

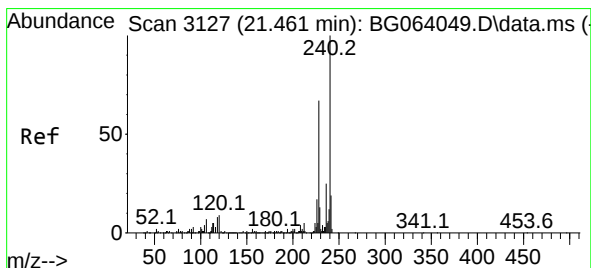
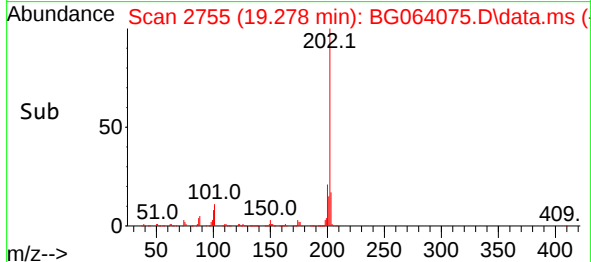
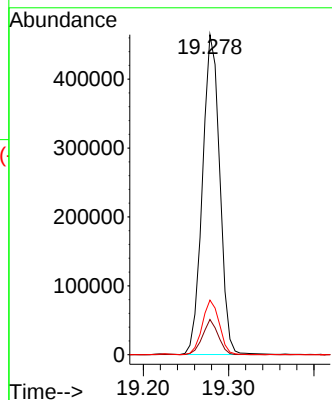
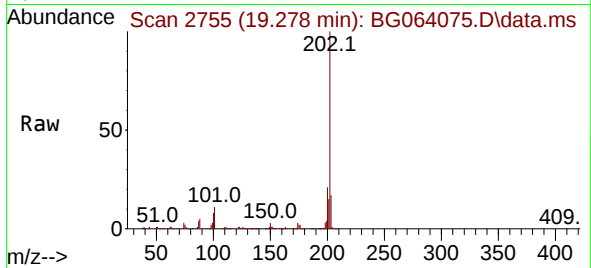




#75
Fluoranthene
Concen: 43.237 ng
RT: 19.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

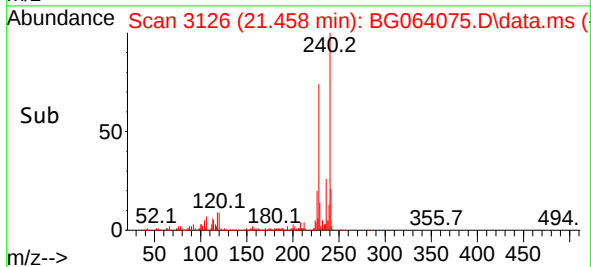
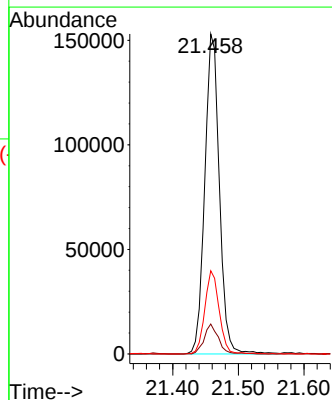
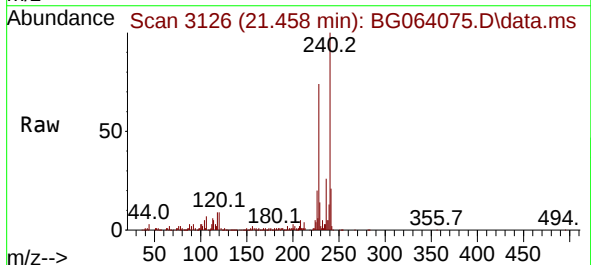
Instrument :
BNA_G
ClientSampleId :
PB167035BS

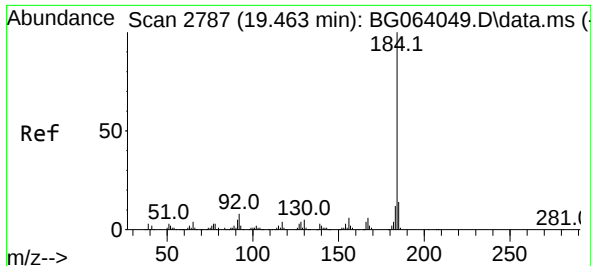
Tgt Ion:202 Resp: 653932
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.5
203 17.0 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.458 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:240 Resp: 237204
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 26.0 20.2 30.2

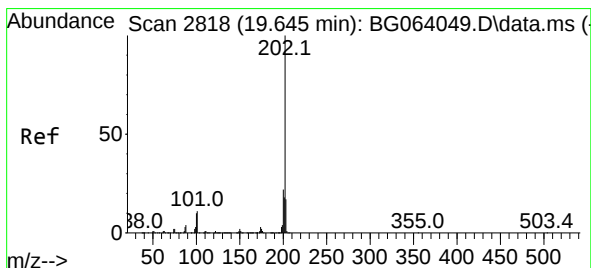
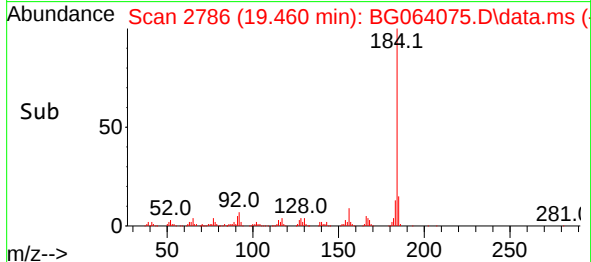
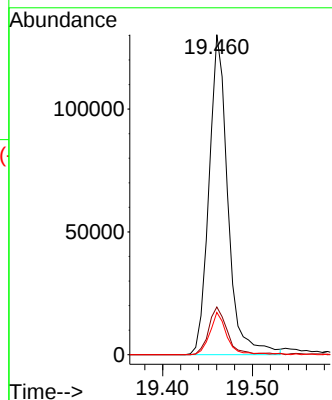
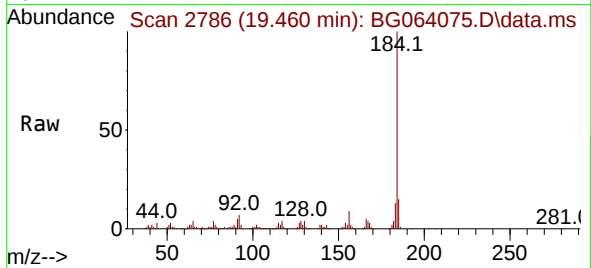




#77
Benzidine
Concen: 57.898 ng
RT: 19.460 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

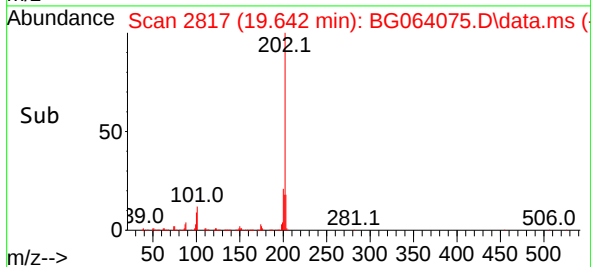
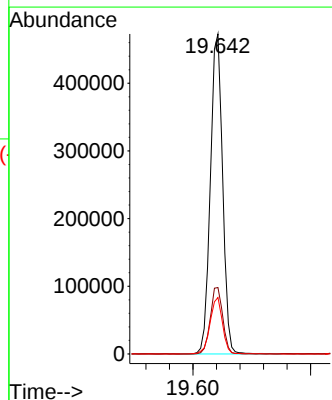
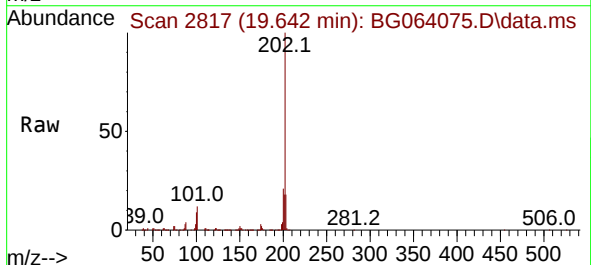
Instrument :
BNA_G
ClientSampleId :
PB167035BS

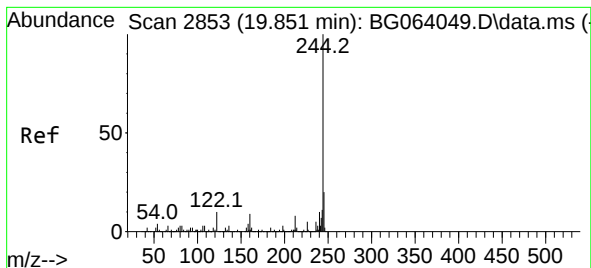
Tgt Ion:184 Resp: 190171
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 13.2 9.5 14.3



#78
Pyrene
Concen: 44.621 ng
RT: 19.642 min Scan# 2817
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:202 Resp: 682286
Ion Ratio Lower Upper
202 100
200 20.8 17.3 25.9
203 17.6 13.6 20.4





#79

Terphenyl-d14

Concen: 97.254 ng

RT: 19.848 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

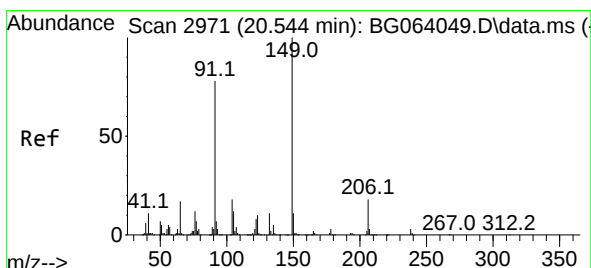
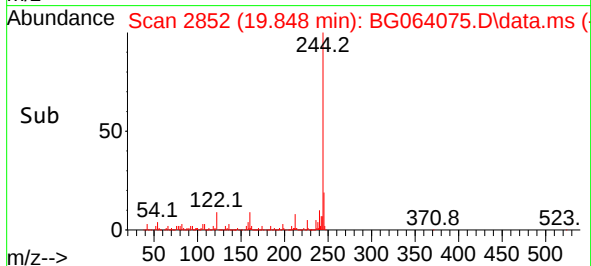
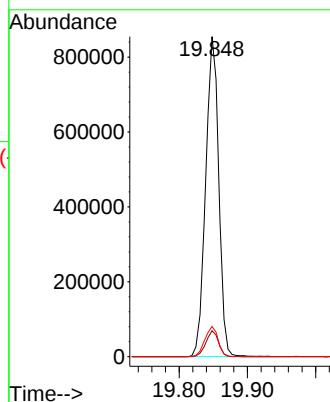
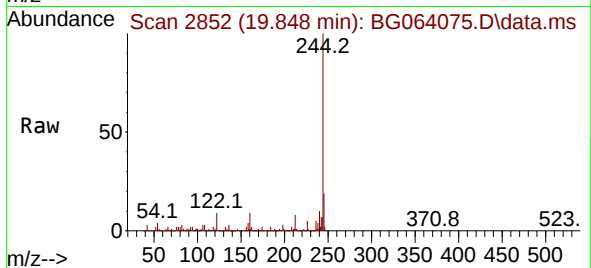
Tgt Ion:244 Resp: 1140903

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

122 9.5 8.0 12.0



#80

Butylbenzylphthalate

Concen: 46.803 ng

RT: 20.541 min Scan# 2970

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

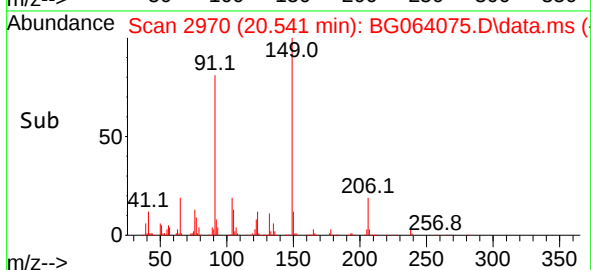
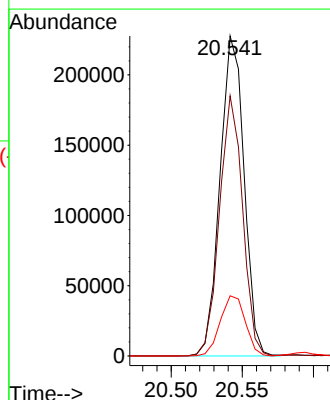
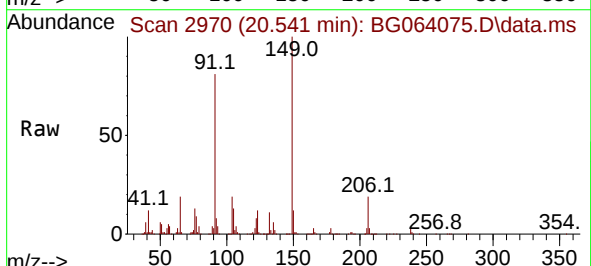
Tgt Ion:149 Resp: 267979

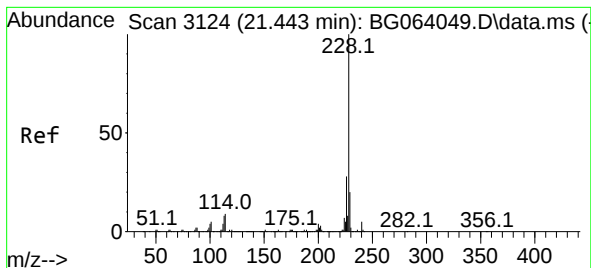
Ion Ratio Lower Upper

149 100

91 81.3 62.0 93.0

206 18.8 14.6 21.8





#81

Benzo(a)anthracene

Concen: 45.909 ng

RT: 21.440 min Scan# 3110

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

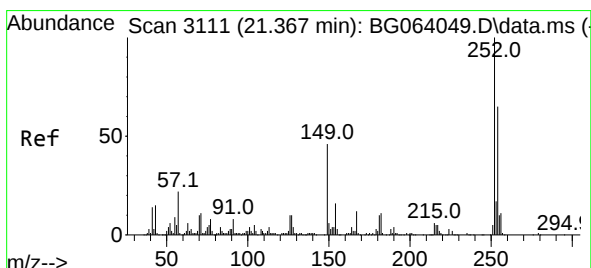
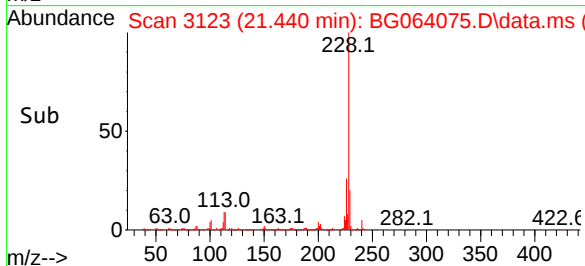
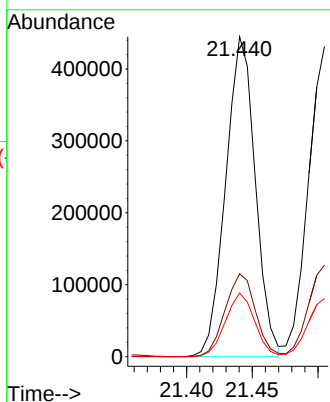
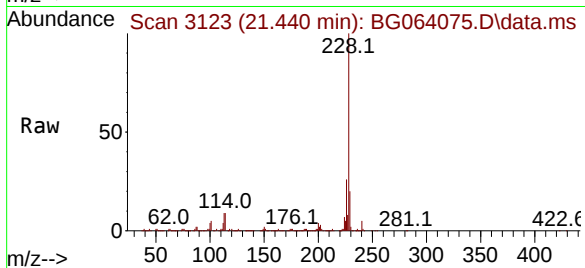
Tgt Ion:228 Resp: 697575

Ion Ratio Lower Upper

228 100

226 26.0 22.2 33.2

229 19.8 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 31.624 ng

RT: 21.364 min Scan# 3110

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

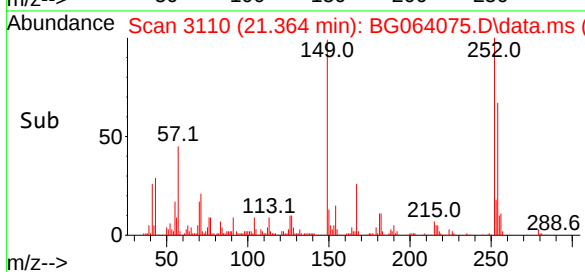
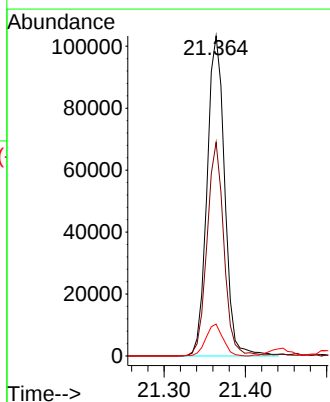
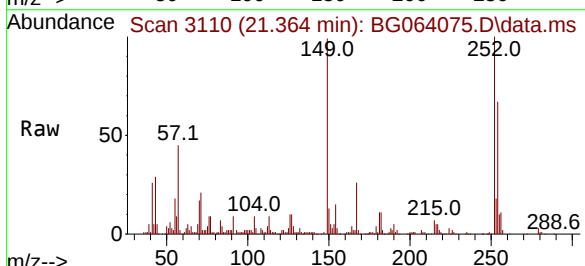
Tgt Ion:252 Resp: 155510

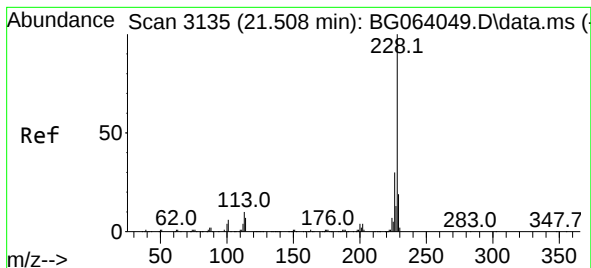
Ion Ratio Lower Upper

252 100

254 66.7 52.1 78.1

126 9.9 7.8 11.8





#83

Chrysene

Concen: 44.780 ng

RT: 21.505 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

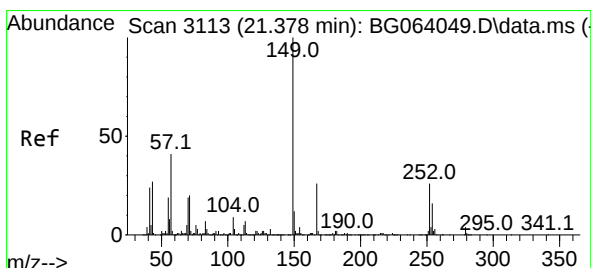
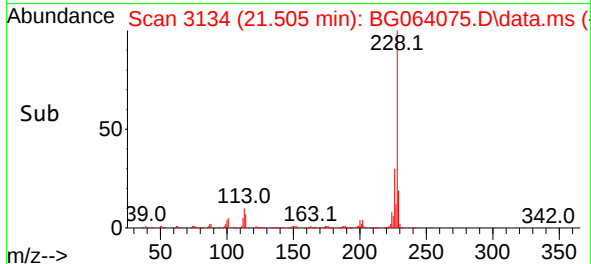
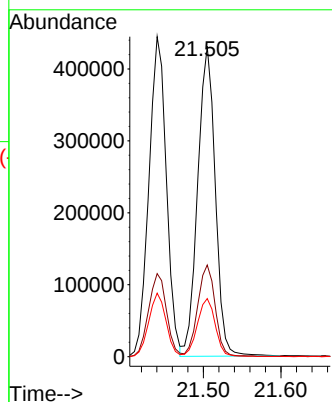
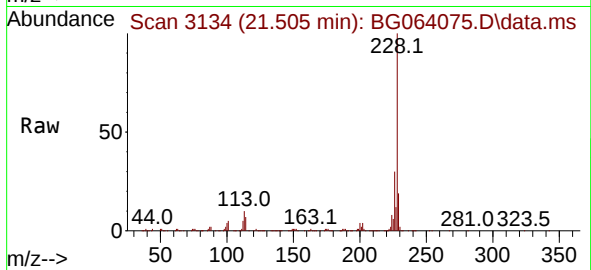
Tgt Ion:228 Resp: 678619

Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

229 18.7 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.498 ng

RT: 21.376 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

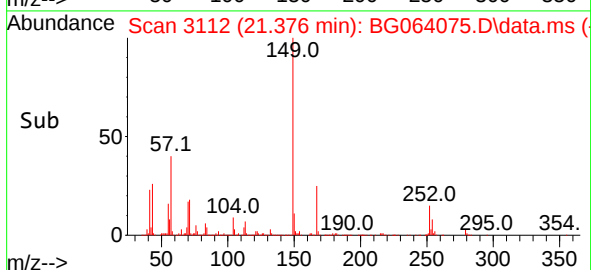
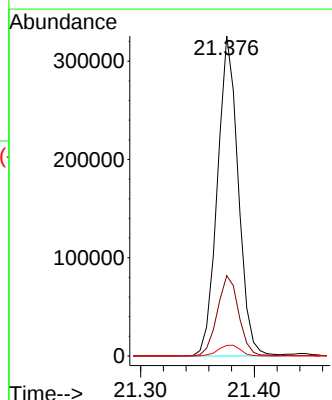
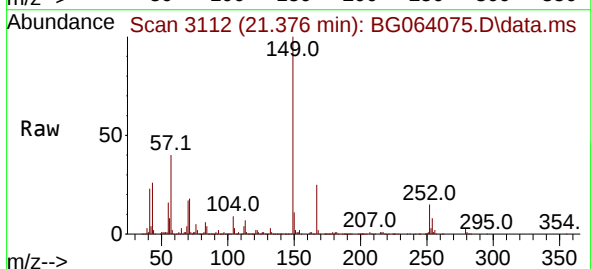
Tgt Ion:149 Resp: 414970

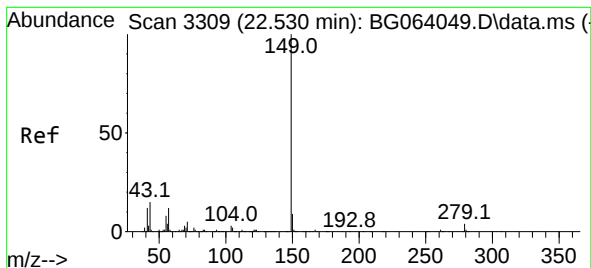
Ion Ratio Lower Upper

149 100

167 25.1 21.0 31.6

279 3.3 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 50.112 ng

RT: 22.521 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

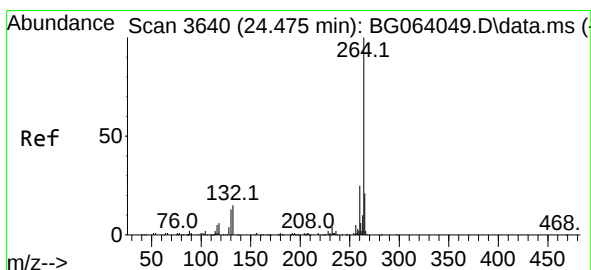
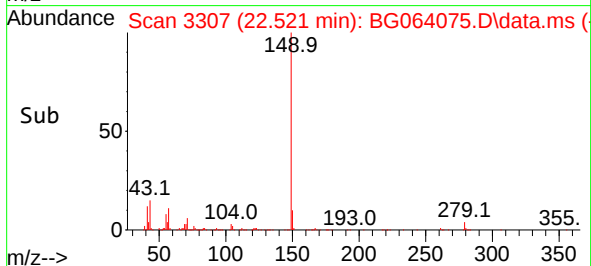
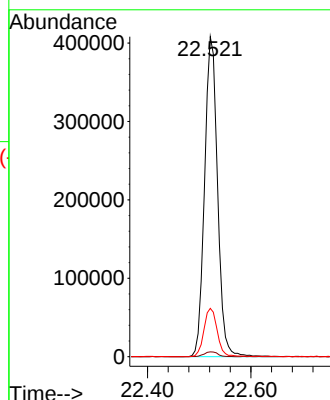
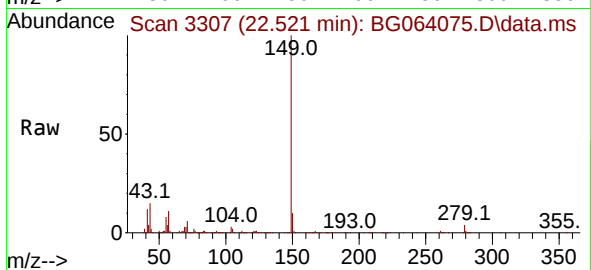
Tgt Ion:149 Resp: 710281

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 15.6 12.6 19.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.472 min Scan# 3639

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

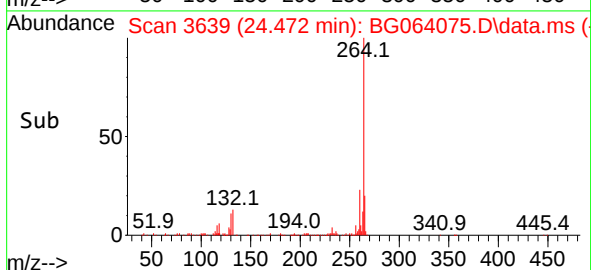
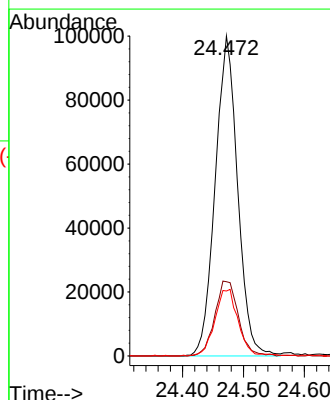
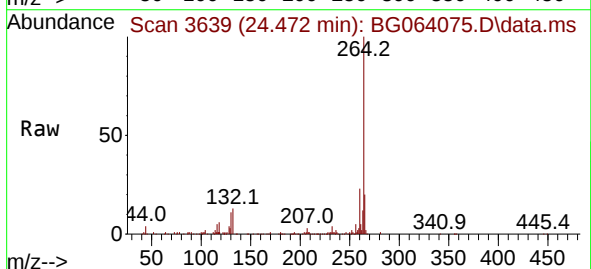
Tgt Ion:264 Resp: 255311

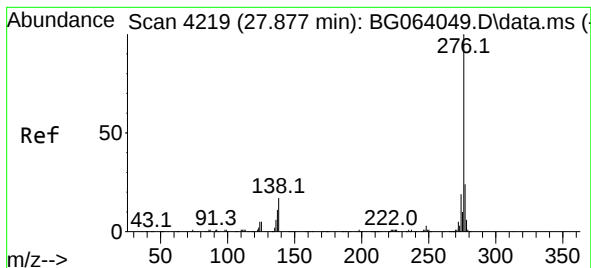
Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 20.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.234 ng

RT: 27.874 min Scan# 41

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

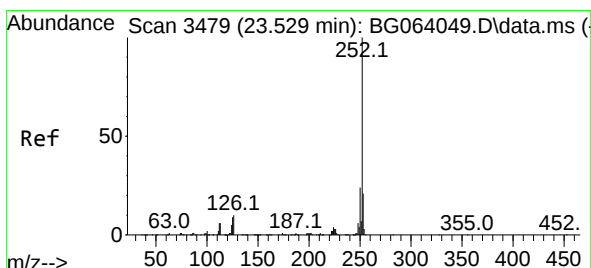
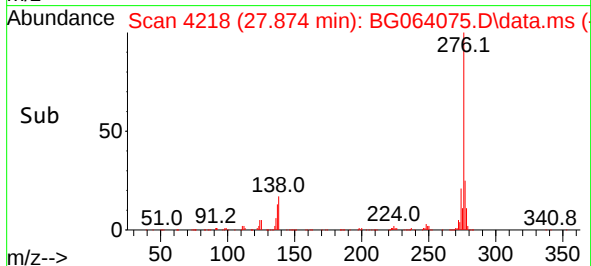
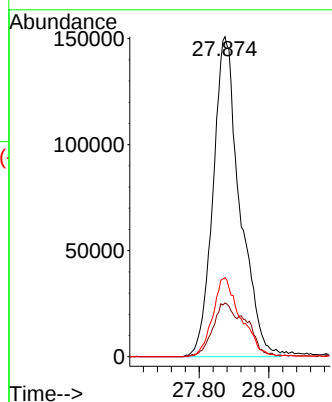
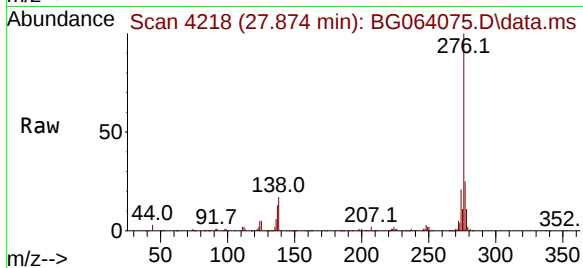
Tgt Ion:276 Resp: 806871

Ion Ratio Lower Upper

276 100

138 13.7 12.1 18.1

277 25.7 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.511 ng

RT: 23.526 min Scan# 3478

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

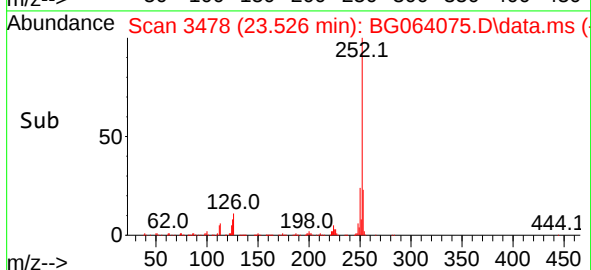
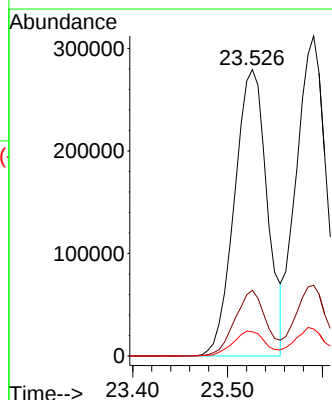
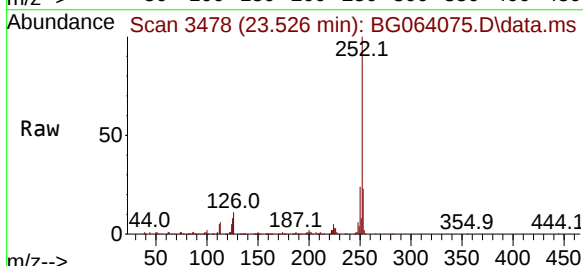
Tgt Ion:252 Resp: 671571

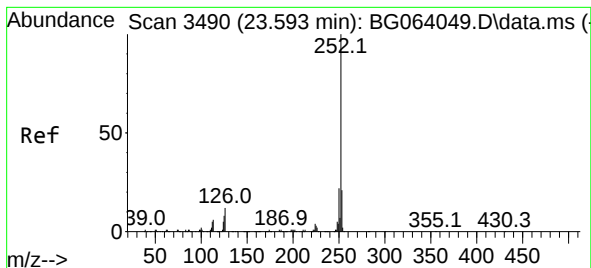
Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.4

125 8.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 45.050 ng

RT: 23.591 min Scan# 34

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

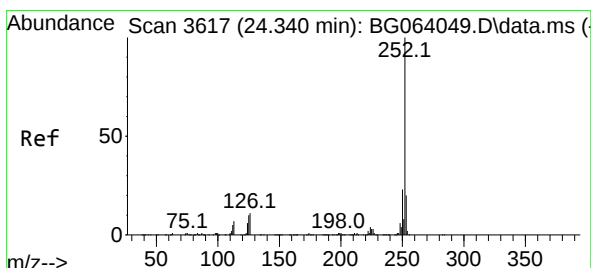
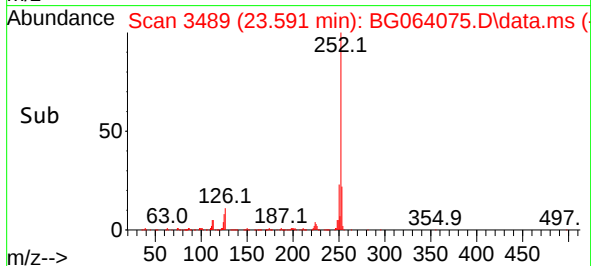
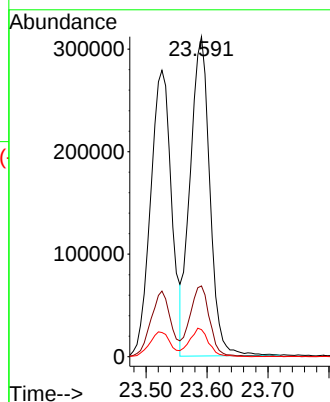
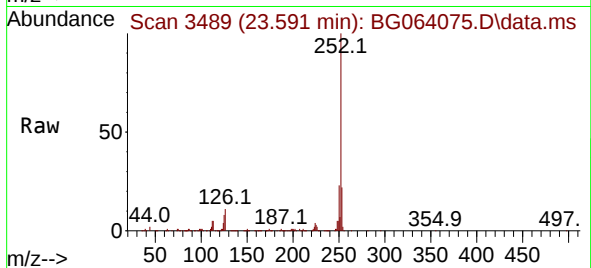
Tgt Ion:252 Resp: 697549

Ion Ratio Lower Upper

252 100

253 22.1 16.8 25.2

125 8.5 6.9 10.3



#90

Benzo(a)pyrene

Concen: 47.655 ng

RT: 24.331 min Scan# 3615

Delta R.T. -0.008 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

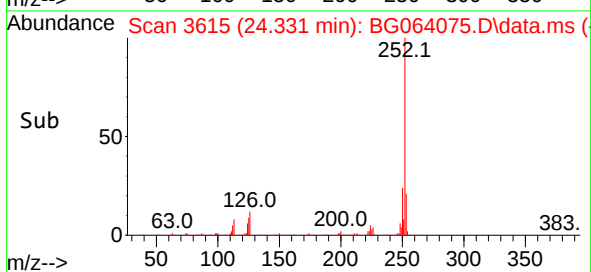
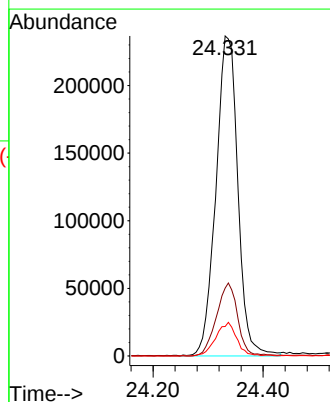
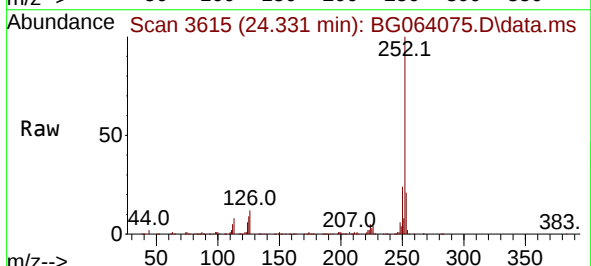
Tgt Ion:252 Resp: 655055

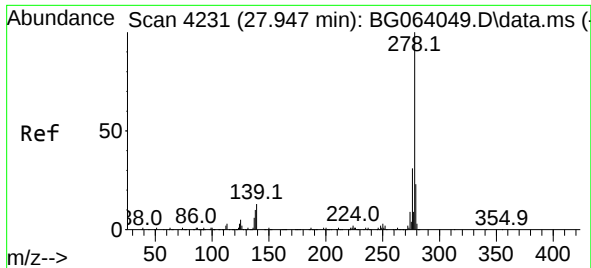
Ion Ratio Lower Upper

252 100

253 21.2 16.2 24.2

125 9.2 7.8 11.6

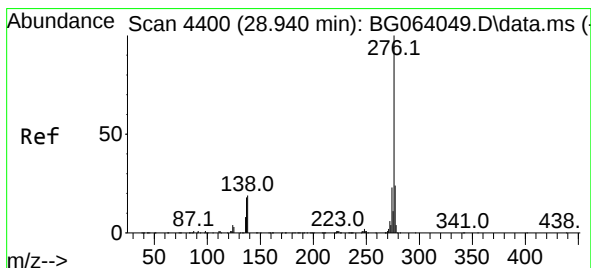
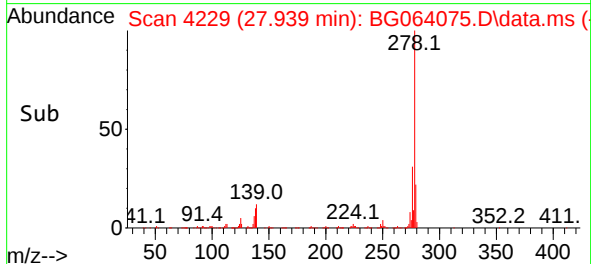
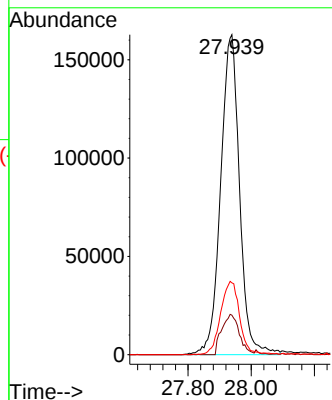
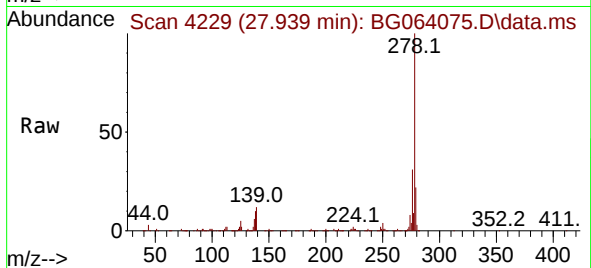




#91
 Dibenzo(a,h)anthracene
 Concen: 47.685 ng
 RT: 27.939 min Scan# 41
 Delta R.T. -0.008 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

Instrument :
 BNA_G
 ClientSampleId :
 PB167035BS

Tgt Ion:278 Resp: 675312
 Ion Ratio Lower Upper
 278 100
 139 12.4 10.2 15.2
 279 22.5 18.1 27.1



#92
 Benzo(g,h,i)perylene
 Concen: 43.532 ng
 RT: 28.932 min Scan# 4398
 Delta R.T. -0.008 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

Tgt Ion:276 Resp: 632964
 Ion Ratio Lower Upper
 276 100
 277 23.0 19.5 29.3
 138 16.2 15.4 23.0

