

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
 Data File : BG064285.D
 Acq On : 4 Sep 2025 17:23
 Operator : RC/JU
 Sample : PB169528BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169528BS

Quant Time: Sep 04 18:01:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	22601	20.000	ng	0.00
21) Naphthalene-d8	10.643	136	102242	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	76146	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	180175	20.000	ng	0.00
76) Chrysene-d12	21.454	240	177813	20.000	ng	# 0.00
86) Perylene-d12	24.462	264	197000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	178173	141.436	ng	0.00
7) Phenol-d6	7.030	99	241479	139.529	ng	0.00
23) Nitrobenzene-d5	9.010	82	171360	93.472	ng	0.00
42) 2,4,6-Tribromophenol	15.966	330	153227	151.922	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	440082	88.215	ng	0.00
79) Terphenyl-d14	19.838	244	830980	97.502	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	19875	37.852	ng	95
3) Pyridine	3.740	79	52242	33.800	ng	# 59
4) n-Nitrosodimethylamine	3.657	42	45939	44.935	ng	# 92
6) Aniline	7.183	93	71393	29.830	ng	98
8) 2-Chlorophenol	7.423	128	75852	49.274	ng	97
9) Benzaldehyde	6.995	77	34667	24.340	ng	98
10) Phenol	7.053	94	89594	46.955	ng	90
11) bis(2-Chloroethyl)ether	7.277	93	60745	42.366	ng	93
12) 1,3-Dichlorobenzene	7.747	146	76574	46.758	ng	97
13) 1,4-Dichlorobenzene	7.888	146	78314	47.383	ng	96
14) 1,2-Dichlorobenzene	8.205	146	76898	48.207	ng	96
15) Benzyl Alcohol	8.093	79	76433	47.857	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.387	45	123629	37.766	ng	99
17) 2-Methylphenol	8.299	107	65532	46.082	ng	97
18) Hexachloroethane	8.933	117	29598	45.876	ng	90
19) n-Nitroso-di-n-propyla...	8.657	70	55878	42.187	ng	# 94
20) 3+4-Methylphenols	8.622	107	89021	45.052	ng	95
22) Acetophenone	8.669	105	116812	45.160	ng	# 97
24) Nitrobenzene	9.051	77	86809	45.321	ng	96
25) Isophorone	9.574	82	159405	41.837	ng	99
26) 2-Nitrophenol	9.756	139	41949	50.685	ng	# 83
27) 2,4-Dimethylphenol	9.821	122	76785	52.843	ng	95
28) bis(2-Chloroethoxy)met...	10.056	93	88835	43.240	ng	96
29) 2,4-Dichlorophenol	10.297	162	78625	51.282	ng	94
30) 1,2,4-Trichlorobenzene	10.508	180	80901	50.045	ng	96
31) Naphthalene	10.690	128	236256	44.561	ng	97
32) Benzoic acid	9.979	122	55336	47.974	ng	97
33) 4-Chloroaniline	10.802	127	37142	18.075	ng	97
34) Hexachlorobutadiene	10.984	225	59311	49.634	ng	96
35) Caprolactam	11.572	113	15099	25.434	ng	# 85
36) 4-Chloro-3-methylphenol	11.930	107	93724	47.115	ng	90
37) 2-Methylnaphthalene	12.300	142	163776	41.559	ng	93
38) 1-Methylnaphthalene	12.523	142	172043	44.199	ng	95
40) 1,2,4,5-Tetrachloroben...	12.670	216	102168	46.502	ng	98
41) Hexachlorocyclopentadiene	12.658	237	150486	144.118	ng	98
43) 2,4,6-Trichlorophenol	12.911	196	70739	48.172	ng	90

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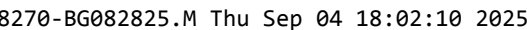
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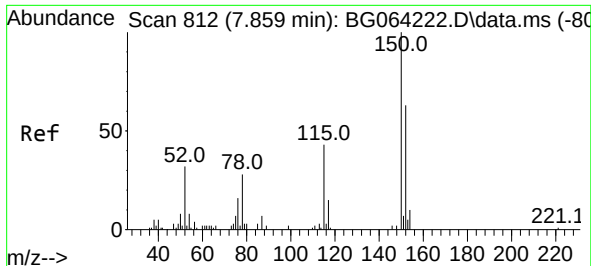
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	78326	49.170	ng	92
46) 1,1'-Biphenyl	13.317	154	252987	45.615	ng	99
47) 2-Chloronaphthalene	13.358	162	186927	44.832	ng	99
48) 2-Nitroaniline	13.557	65	69014	48.563	ng	94
49) Acenaphthylene	14.204	152	318502	51.676	ng	99
50) Dimethylphthalate	13.939	163	254450	44.148	ng	98
51) 2,6-Dinitrotoluene	14.057	165	55301	49.562	ng	96
52) Acenaphthene	14.544	154	185177	42.573	ng	98
53) 3-Nitroaniline	14.380	138	34367	29.404	ng	94
54) 2,4-Dinitrophenol	14.592	184	73507	99.360	ng	# 82
55) Dibenzofuran	14.879	168	309497	45.238	ng	98
56) 4-Nitrophenol	14.703	139	92564	96.546	ng	# 89
57) 2,4-Dinitrotoluene	14.844	165	85701	50.798	ng	# 96
58) Fluorene	15.526	166	260231	46.407	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.109	232	80810	52.744	ng	96
60) Diethylphthalate	15.308	149	284583	46.136	ng	98
61) 4-Chlorophenyl-phenyle...	15.526	204	131960	47.199	ng	99
62) 4-Nitroaniline	15.549	138	59521	49.907	ng	95
63) Azobenzene	15.814	77	248278	45.160	ng	95
65) 4,6-Dinitro-2-methylph...	15.608	198	57217	55.312	ng	91
66) n-Nitrosodiphenylamine	15.737	169	229110	46.225	ng	96
67) 4-Bromophenyl-phenylether	16.419	248	92754	48.469	ng	93
68) Hexachlorobenzene	16.530	284	103201	48.563	ng	93
69) Atrazine	16.689	200	98868	47.773	ng	98
70) Pentachlorophenol	16.877	266	135967	105.520	ng	93
71) Phenanthrene	17.265	178	431834	45.442	ng	98
72) Anthracene	17.353	178	442063	45.731	ng	99
73) Carbazole	17.623	167	393948	46.261	ng	99
74) Di-n-butylphthalate	18.187	149	472287	46.163	ng	98
75) Fluoranthene	19.274	202	514249	46.023	ng	98
77) Benzidine	19.456	184	139324	37.247	ng	99
78) Pyrene	19.633	202	523905	46.767	ng	99
80) Butylbenzylphthalate	20.532	149	212518	50.297	ng	93
81) Benzo(a)anthracene	21.431	228	543742	47.798	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	94815	25.592	ng	97
83) Chrysene	21.495	228	508906	46.599	ng	99
84) Bis(2-ethylhexyl)phtha...	21.360	149	298447	47.047	ng	# 99
85) Di-n-octyl phthalate	22.500	149	520514	47.092	ng	97
87) Indeno(1,2,3-cd)pyrene	27.847	276	646102	48.025	ng	# 97
88) Benzo(b)fluoranthene	23.510	252	525396	47.254	ng	98
89) Benzo(k)fluoranthene	23.575	252	541248	47.783	ng	# 98
90) Benzo(a)pyrene	24.321	252	521510	50.423	ng	97
91) Dibenzo(a,h)anthracene	27.917	278	527785	48.861	ng	97
92) Benzo(g,h,i)perylene	28.910	276	512638	48.772	ng	97

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

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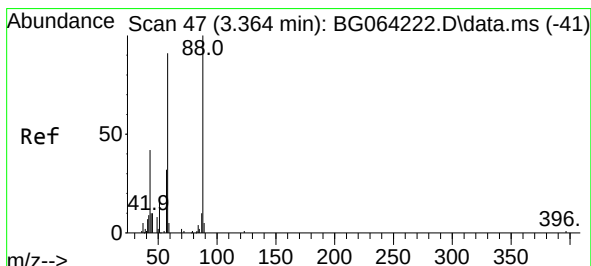
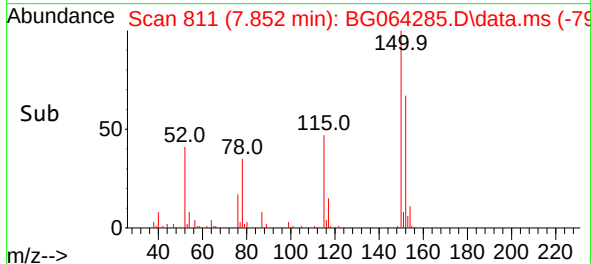
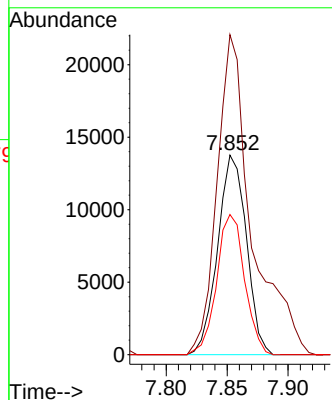
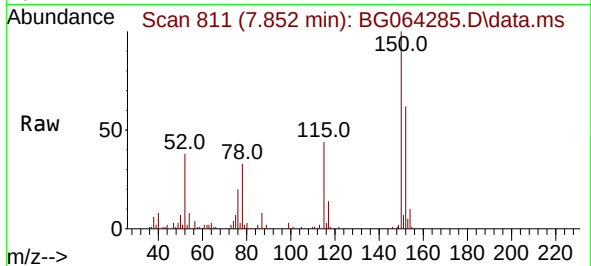




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.852 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BG064285.D
 Acq: 4 Sep 2025 17:23

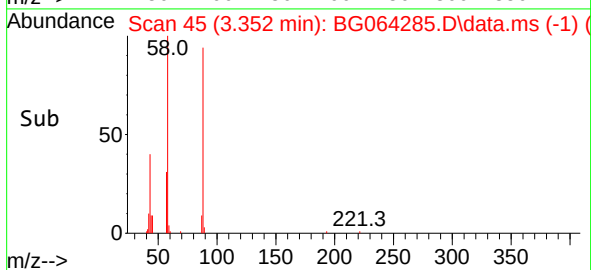
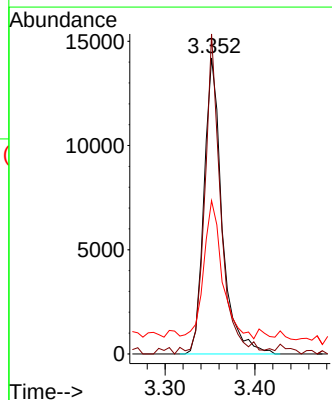
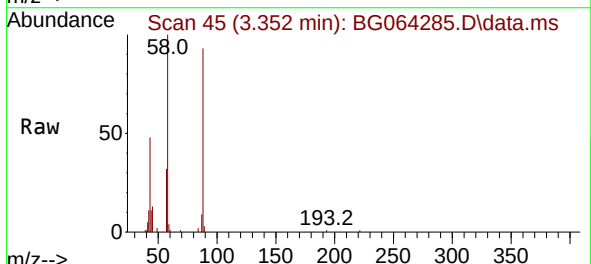
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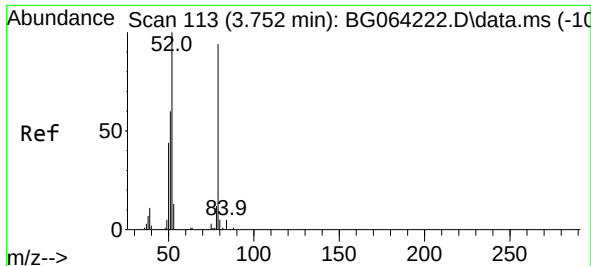
Tgt Ion:152 Resp: 22601
 Ion Ratio Lower Upper
 152 100
 150 160.4 128.0 192.0
 115 70.3 55.7 83.5



#2
 1,4-Dioxane
 Concen: 37.852 ng
 RT: 3.352 min Scan# 45
 Delta R.T. -0.007 min
 Lab File: BG064285.D
 Acq: 4 Sep 2025 17:23

Tgt Ion: 88 Resp: 19875
 Ion Ratio Lower Upper
 88 100
 58 95.5 80.8 121.2
 43 47.7 40.3 60.5

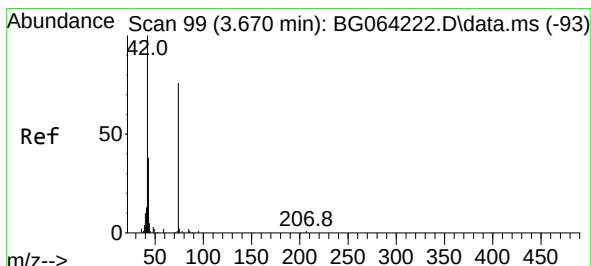
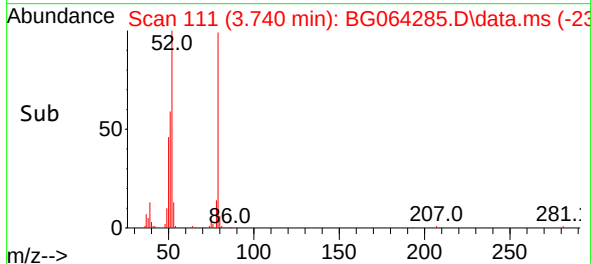
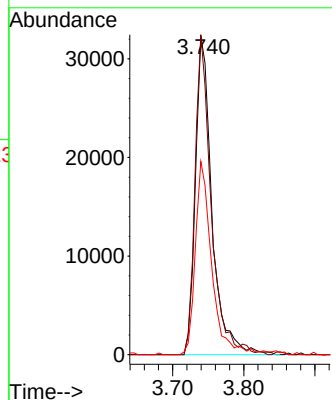
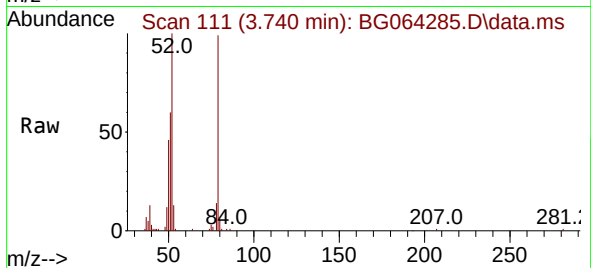




#3
 Pyridine
 Concen: 33.800 ng
 RT: 3.740 min Scan# 113
 Delta R.T. -0.013 min
 Lab File: BG064285.D
 Acq: 4 Sep 2025 17:23

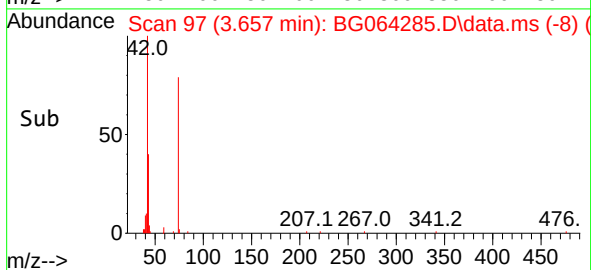
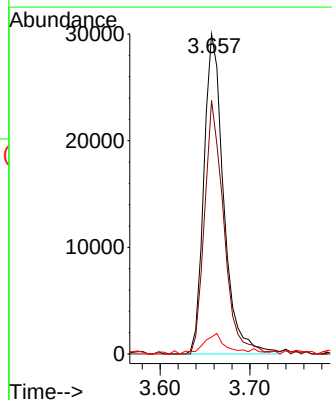
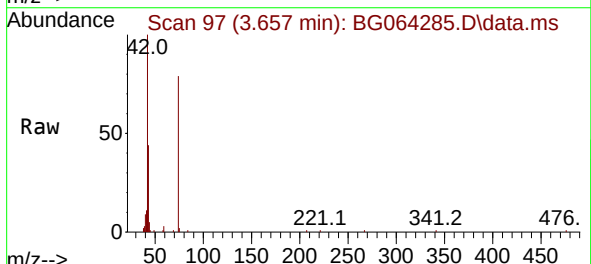
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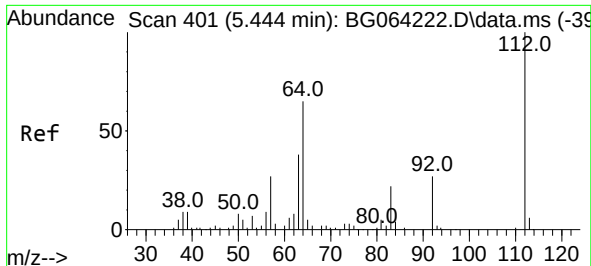
Tgt Ion: 79 Resp: 52242
 Ion Ratio Lower Upper
 79 100
 52 100.5 86.6 129.8
 51 60.7 114.1 171.1#



#4
 n-Nitrosodimethylamine
 Concen: 44.935 ng
 RT: 3.657 min Scan# 97
 Delta R.T. -0.007 min
 Lab File: BG064285.D
 Acq: 4 Sep 2025 17:23

Tgt Ion: 42 Resp: 45939
 Ion Ratio Lower Upper
 42 100
 74 79.2 58.0 87.0
 44 5.3 5.5 8.3#

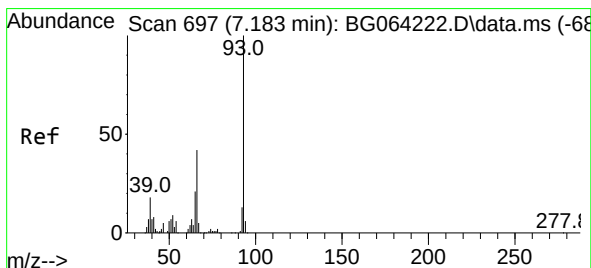
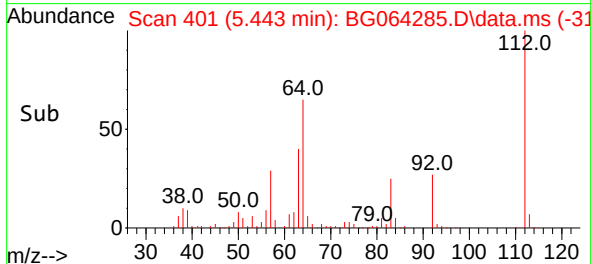
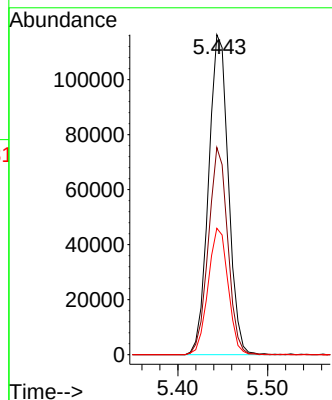
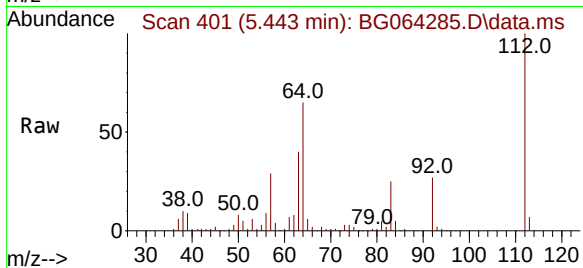




#5
2-Fluorophenol
Concen: 141.436 ng
RT: 5.443 min Scan# 401
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

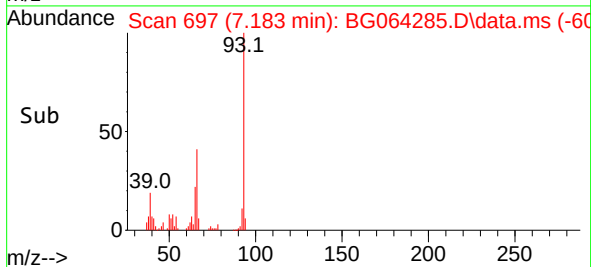
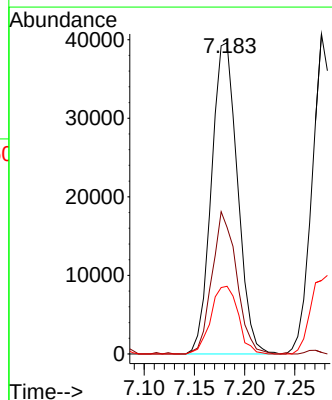
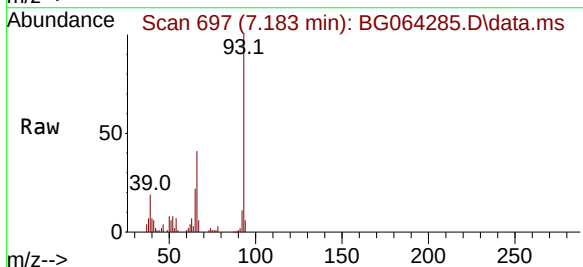
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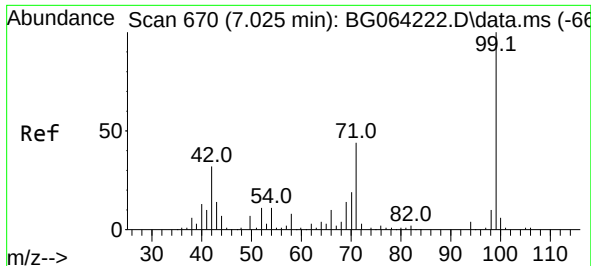
Tgt Ion:112 Resp: 178173
Ion Ratio Lower Upper
112 100
64 64.7 51.8 77.6
63 39.5 30.6 45.8



#6
Aniline
Concen: 29.830 ng
RT: 7.183 min Scan# 697
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion: 93 Resp: 71393
Ion Ratio Lower Upper
93 100
66 40.6 33.8 50.8
65 21.7 16.9 25.3

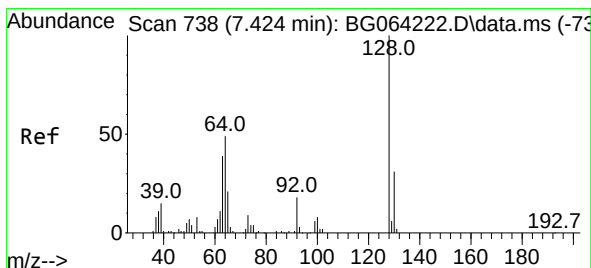
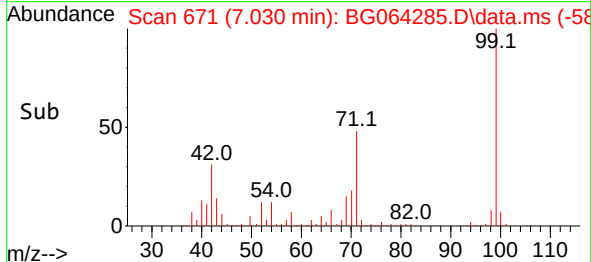
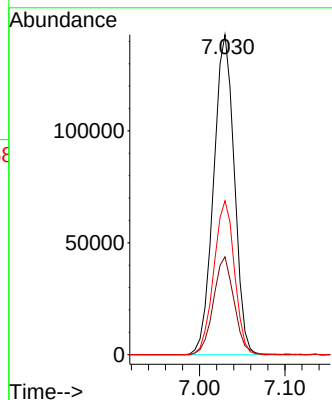
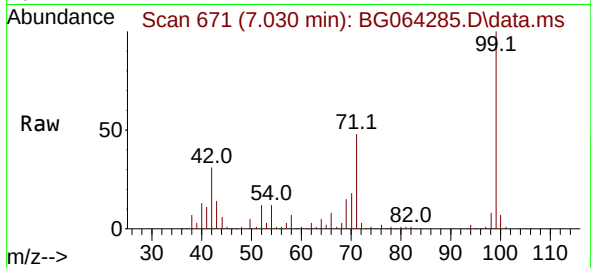




#7
Phenol-d6
Concen: 139.529 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

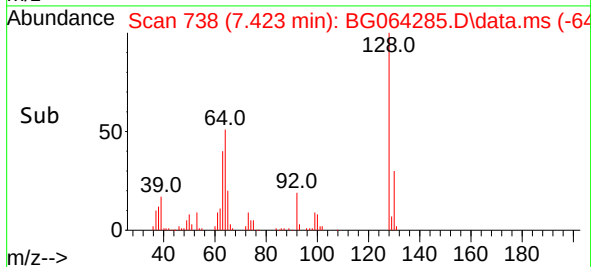
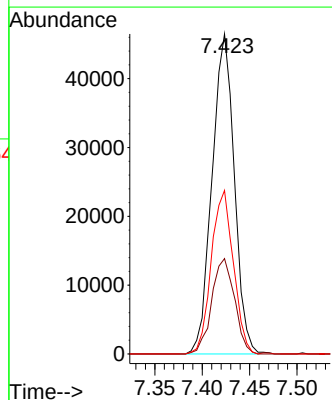
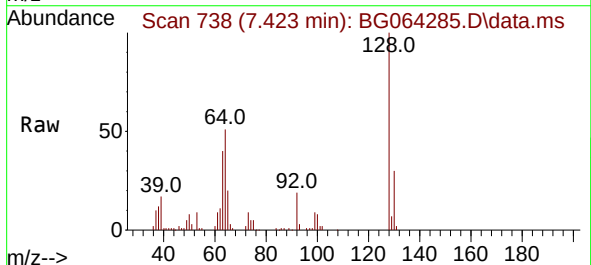
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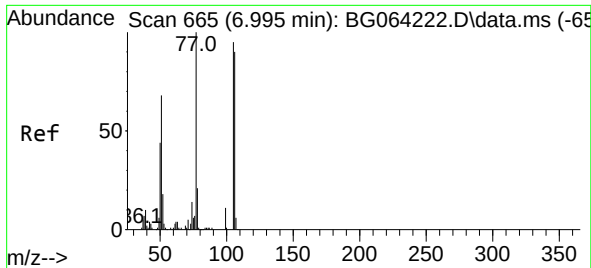
Tgt Ion: 99 Resp: 241479
Ion Ratio Lower Upper
99 100
42 30.6 25.8 38.8
71 48.1 35.2 52.8



#8
2-Chlorophenol
Concen: 49.274 ng
RT: 7.423 min Scan# 738
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:128 Resp: 75852
Ion Ratio Lower Upper
128 100
130 29.8 10.9 50.9
64 51.1 28.7 68.7

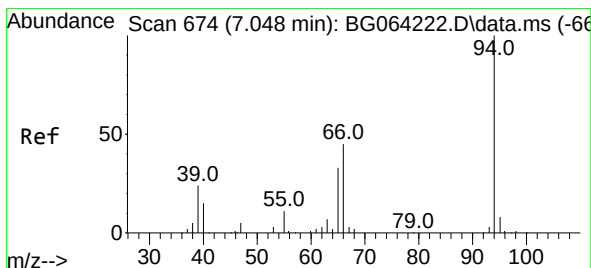
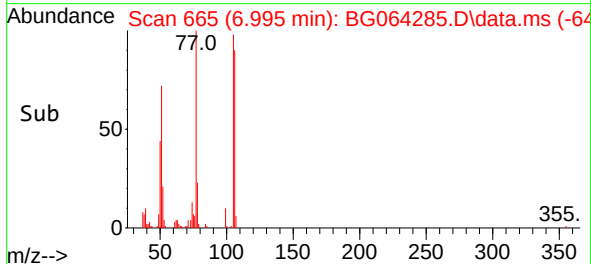
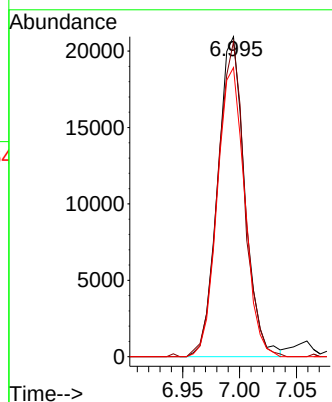
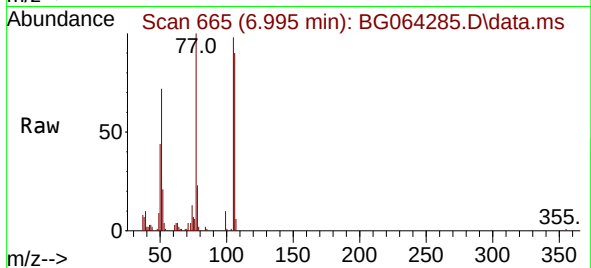




#9
Benzaldehyde
Concen: 24.340 ng
RT: 6.995 min Scan# 665
Delta R.T. -0.000 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

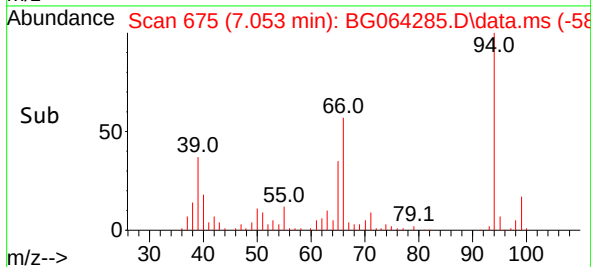
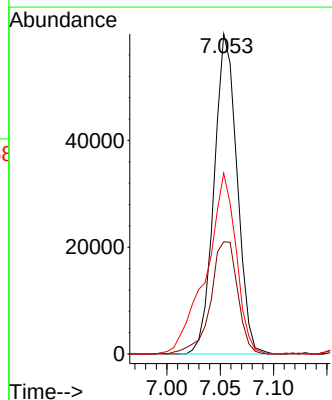
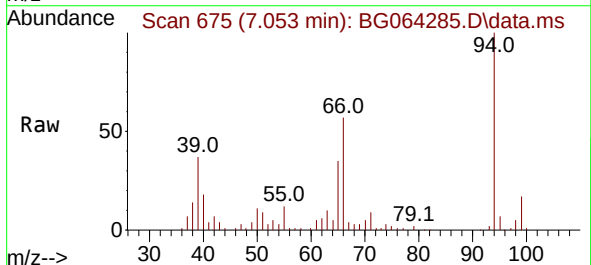
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ClientSampleId :
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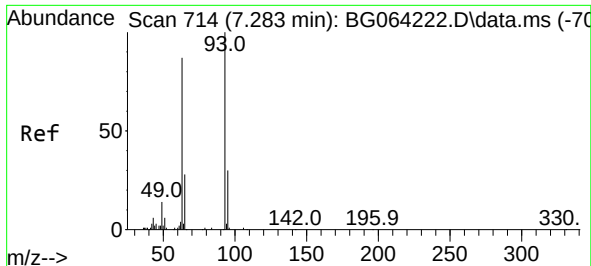
Tgt Ion: 77 Resp: 34667
Ion Ratio Lower Upper
77 100
105 98.4 75.2 115.2
106 90.3 69.6 109.6



#10
Phenol
Concen: 46.955 ng
RT: 7.053 min Scan# 675
Delta R.T. -0.001 min
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Tgt Ion: 94 Resp: 89594
Ion Ratio Lower Upper
94 100
65 35.0 13.5 53.5
66 56.5 26.2 66.2

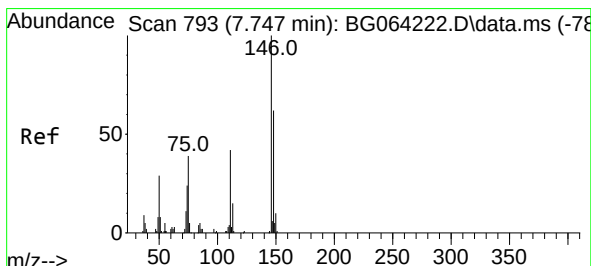
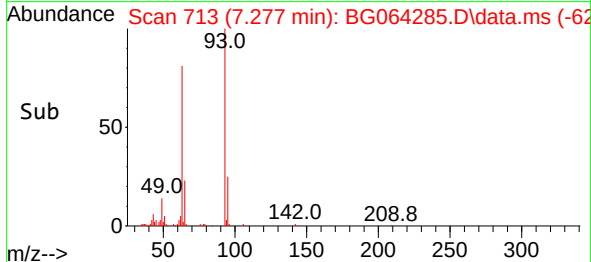
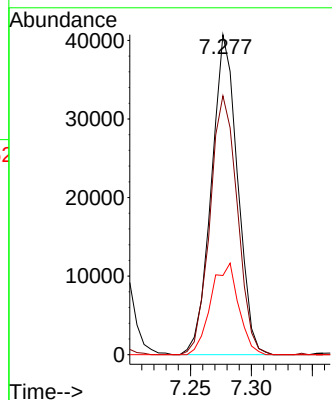
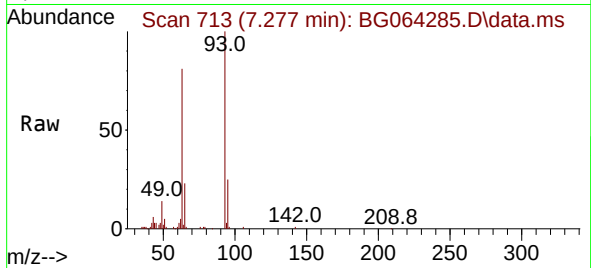




#11
bis(2-Chloroethyl)ether
Concen: 42.366 ng
RT: 7.277 min Scan# 714
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

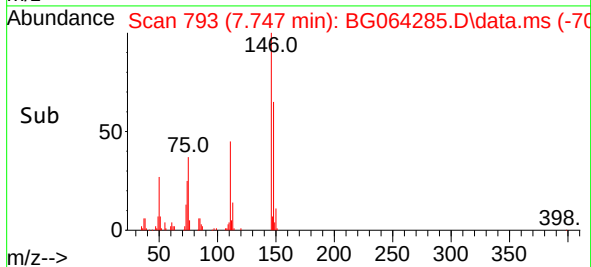
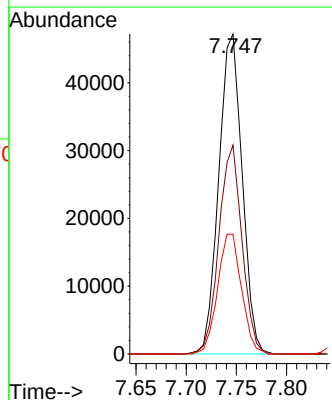
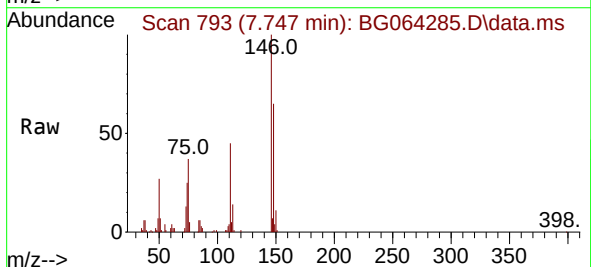
Instrument :
BNA_G
ClientSampleId :
PB169528BS

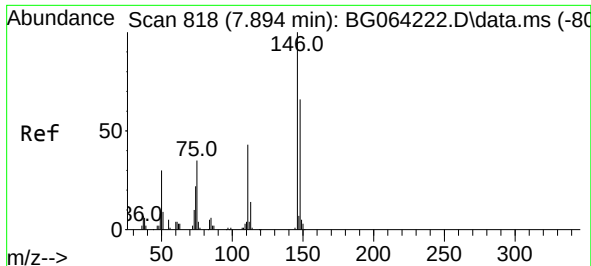
Tgt Ion: 93 Resp: 60745
Ion Ratio Lower Upper
93 100
63 80.9 66.2 106.2
95 24.8 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 46.758 ng
RT: 7.747 min Scan# 793
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:146 Resp: 76574
Ion Ratio Lower Upper
146 100
148 65.3 49.6 74.4
75 37.4 31.0 46.6

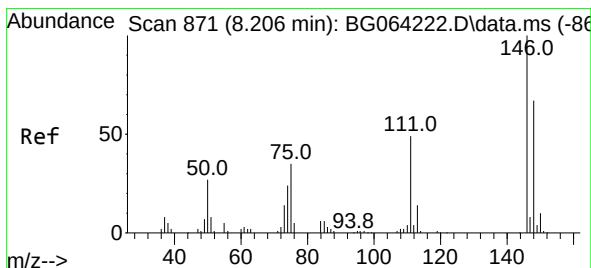
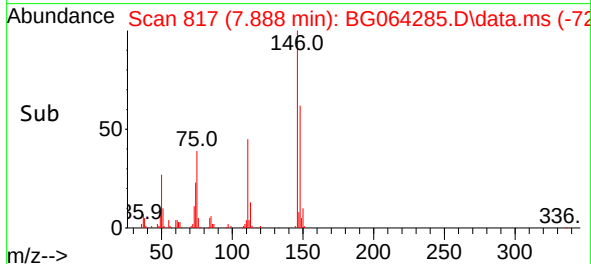
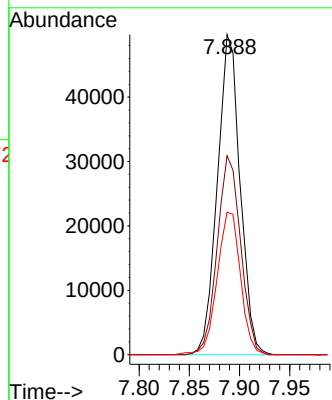
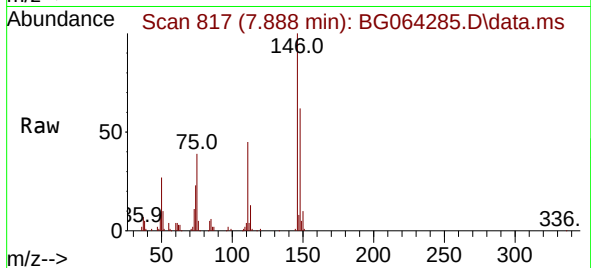




#13
1,4-Dichlorobenzene
Concen: 47.383 ng
RT: 7.888 min Scan# 818
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

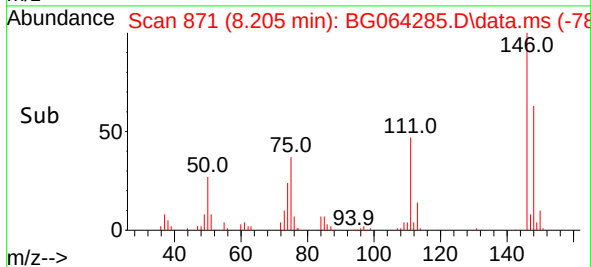
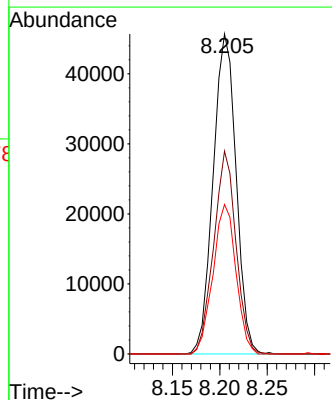
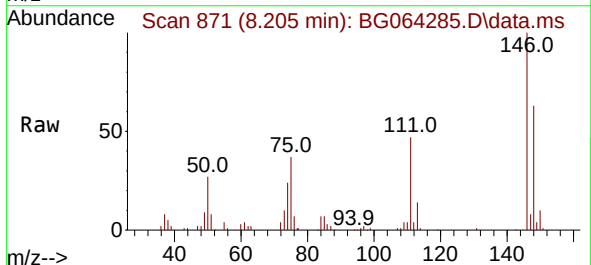
Instrument :
BNA_G
ClientSampleId :
PB169528BS

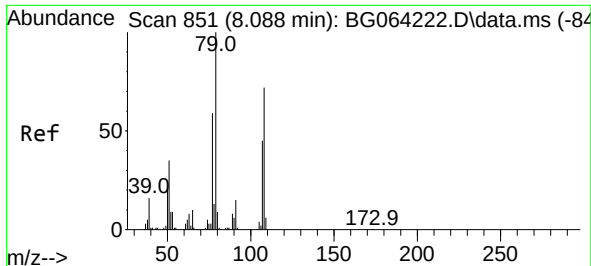
Tgt Ion:146 Resp: 78314
Ion Ratio Lower Upper
146 100
148 62.2 52.8 79.2
111 44.6 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 48.207 ng
RT: 8.205 min Scan# 871
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:146 Resp: 76898
Ion Ratio Lower Upper
146 100
148 63.4 53.4 80.0
111 46.7 39.1 58.7

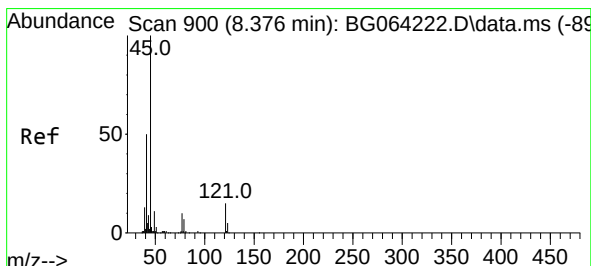
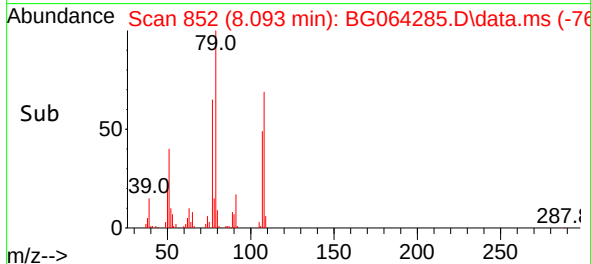
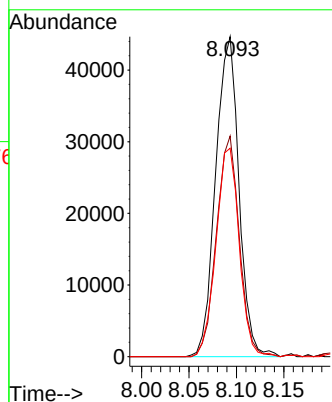
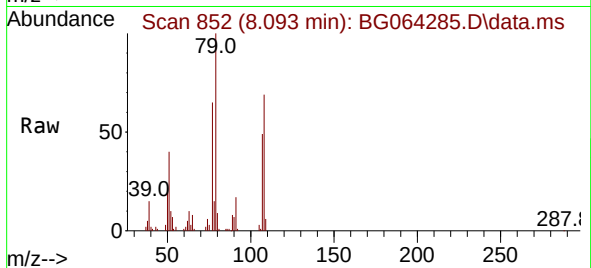




#15
Benzyl Alcohol
Concen: 47.857 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

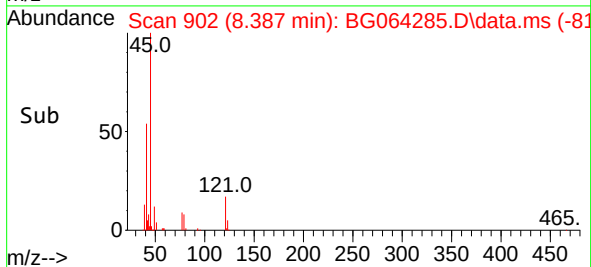
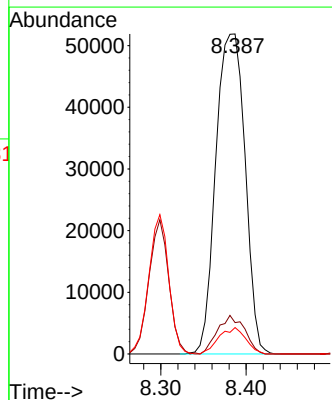
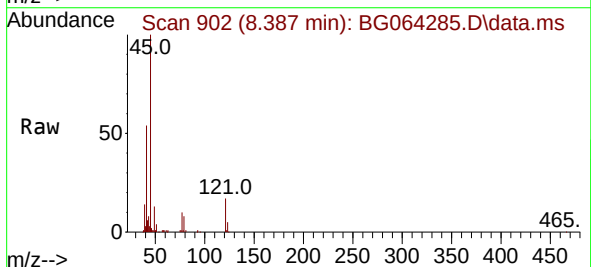
Instrument :
BNA_G
ClientSampleId :
PB169528BS

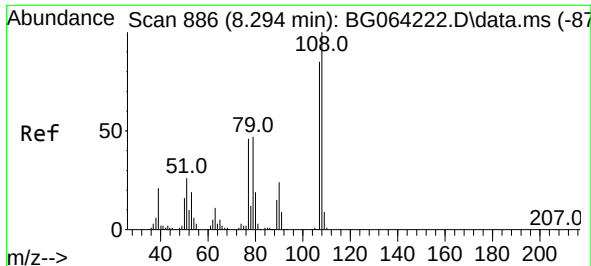
Tgt Ion: 79 Resp: 76433
Ion Ratio Lower Upper
79 100
108 69.0 57.4 86.0
77 65.1 47.2 70.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.766 ng
RT: 8.387 min Scan# 902
Delta R.T. 0.011 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion: 45 Resp: 123629
Ion Ratio Lower Upper
45 100
77 9.8 0.0 30.0
79 8.3 0.0 27.9

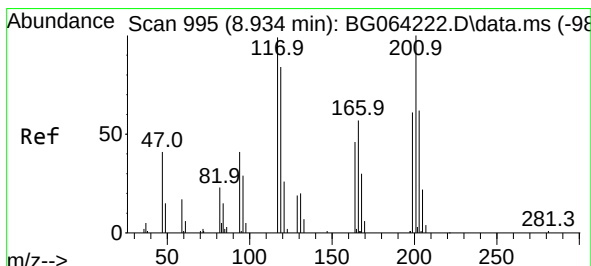
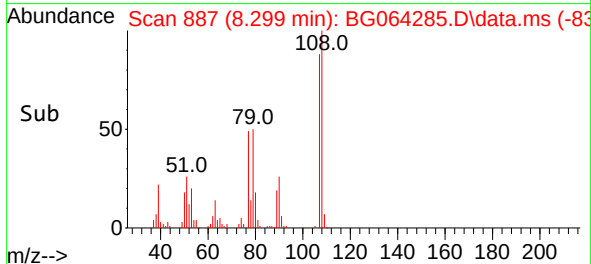
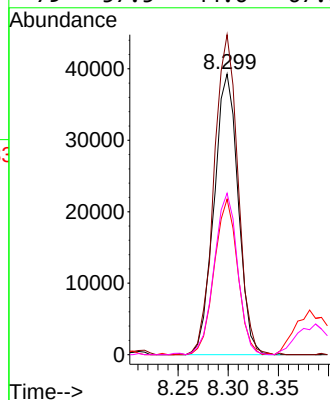
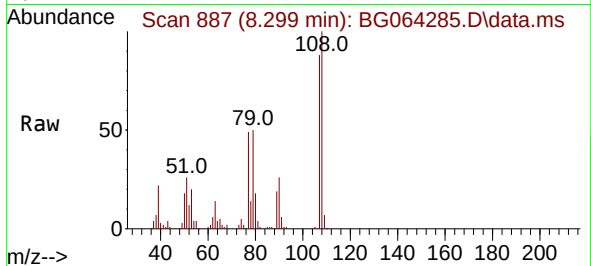




#17
2-Methylphenol
Concen: 46.082 ng
RT: 8.299 min Scan# 886
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

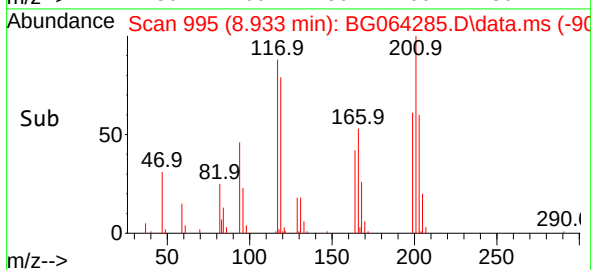
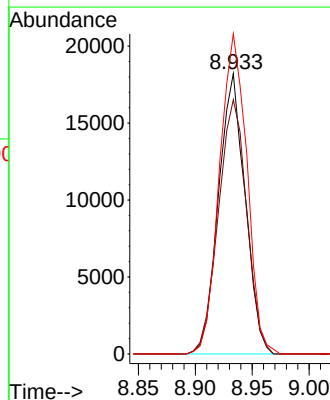
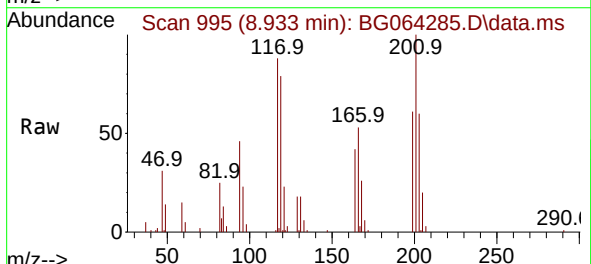
Instrument :
BNA_G
ClientSampleId :
PB169528BS

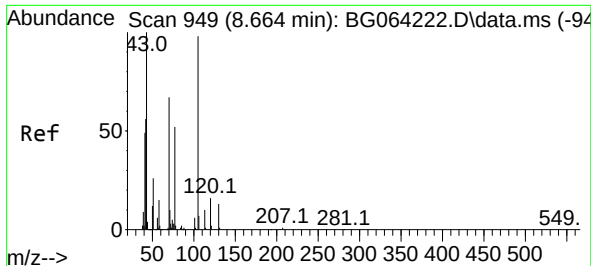
Tgt Ion:	107	Resp:	65532
Ion	Ratio	Lower	Upper
107	100		
108	114.0	94.6	141.8
77	55.4	43.7	65.5
79	57.5	44.6	67.0



#18
Hexachloroethane
Concen: 45.876 ng
RT: 8.933 min Scan# 995
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:	117	Resp:	29598
Ion	Ratio	Lower	Upper
117	100		
119	90.7	67.9	101.9
201	114.1	80.5	120.7

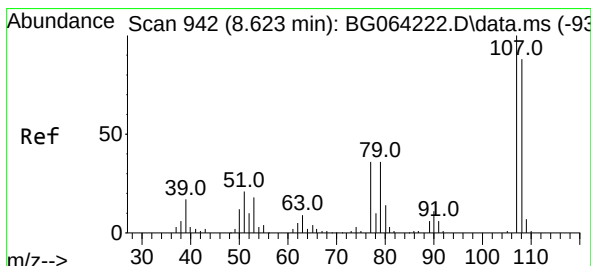
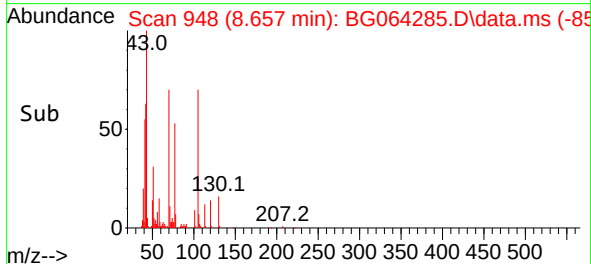
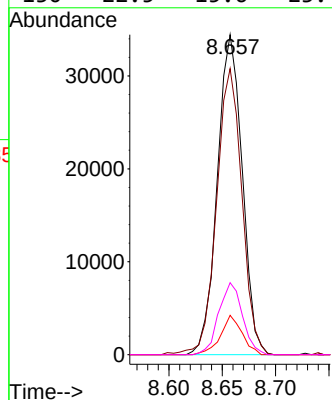
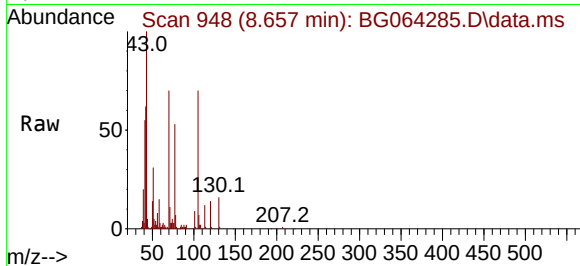




#19
n-Nitroso-di-n-propylamine
Concen: 42.187 ng
RT: 8.657 min Scan# 949
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

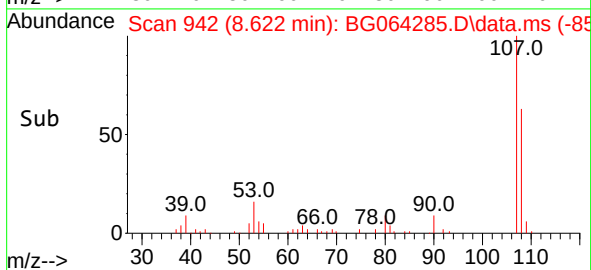
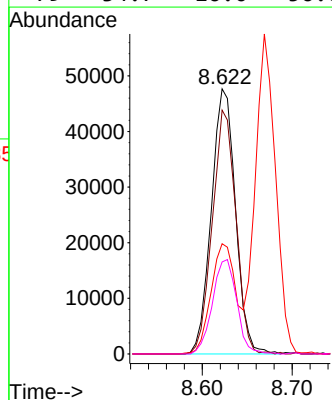
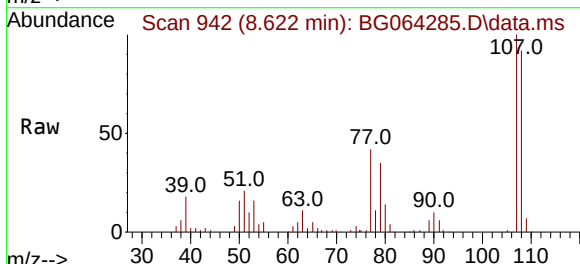
Instrument :
BNA_G
ClientSampleId :
PB169528BS

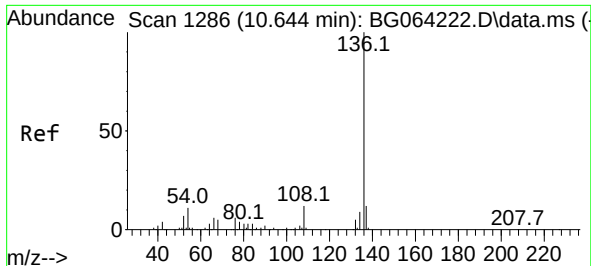
Tgt Ion:	70	Resp:	55878
Ion	Ratio	Lower	Upper
70	100		
42	89.4	67.9	101.9
101	12.3	7.3	10.9
130	22.5	15.6	23.4



#20
3+4-Methylphenols
Concen: 45.052 ng
RT: 8.622 min Scan# 942
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:	107	Resp:	89021
Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.1	108.1
77	41.6	15.9	55.9
79	34.7	16.0	56.0



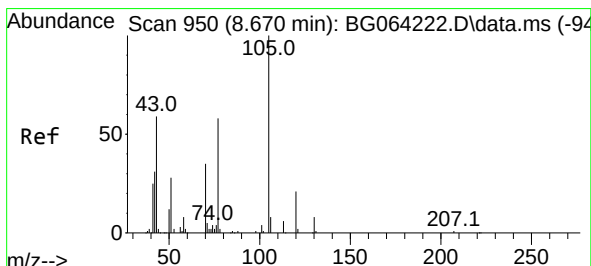
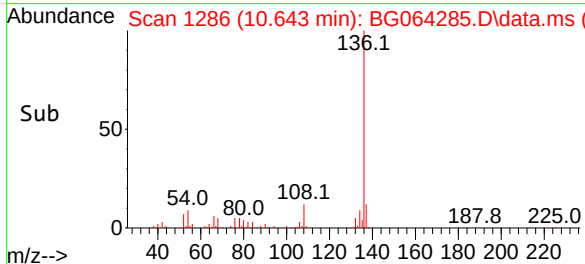
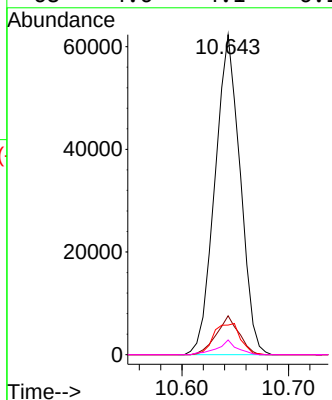
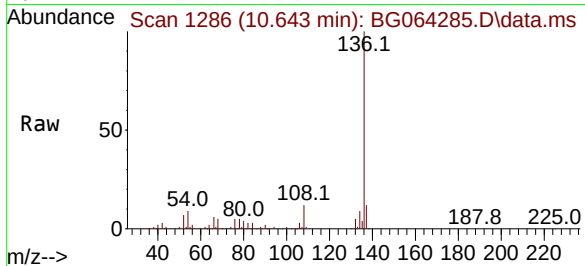


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Instrument :
BNA_G
ClientSampleId :
PB169528BS

Tgt Ion:136 Resp: 102242

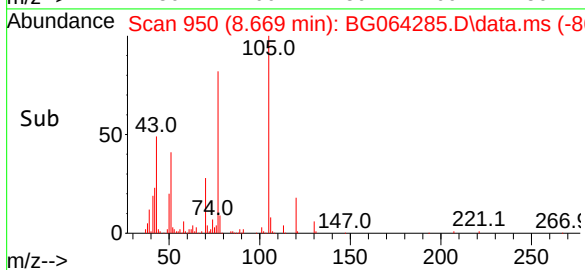
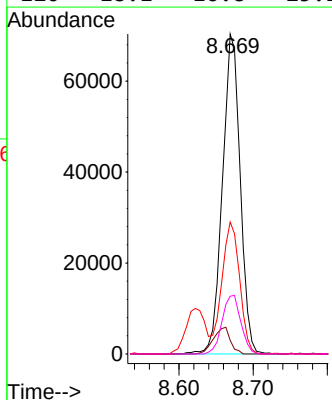
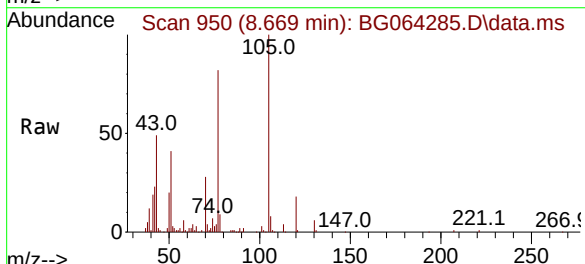
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	9.3	8.8	13.2
68	4.6	4.1	6.1

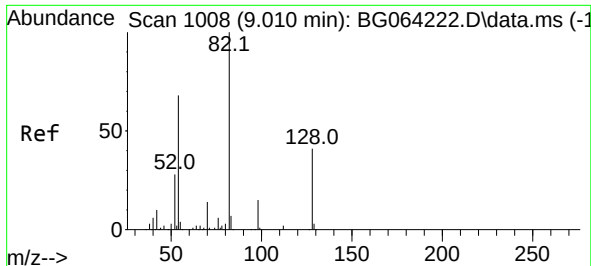


#22
Acetophenone
Concen: 45.160 ng
RT: 8.669 min Scan# 950
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:105 Resp: 116812

Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.3	6.5#
51	41.3	32.4	48.6
120	18.1	16.8	25.2

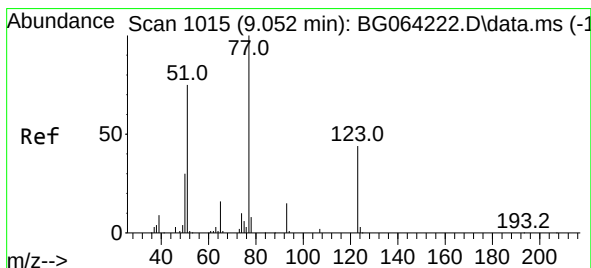
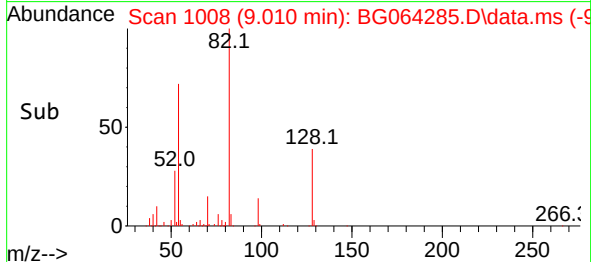
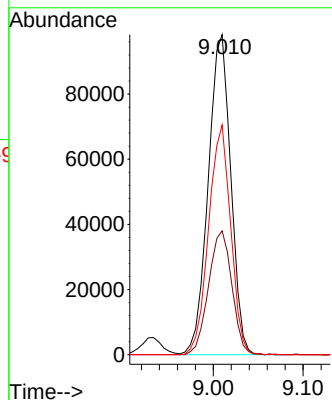
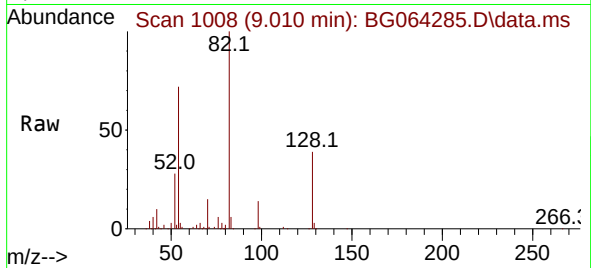




#23
Nitrobenzene-d5
Concen: 93.472 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

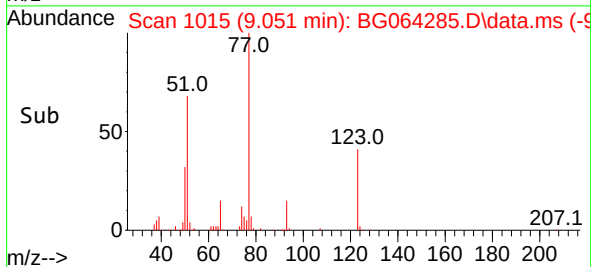
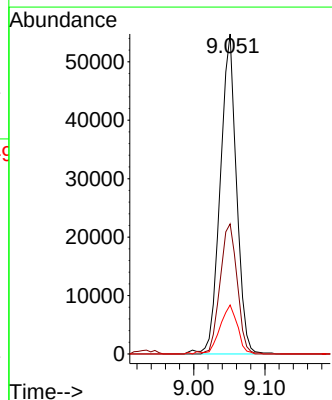
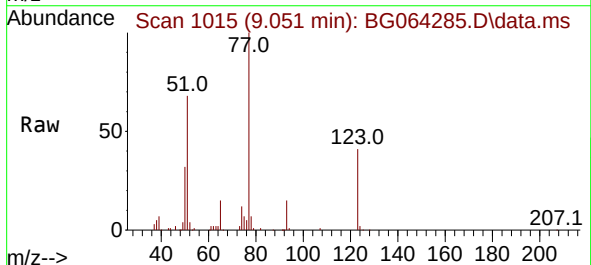
Instrument :
BNA_G
ClientSampleId :
PB169528BS

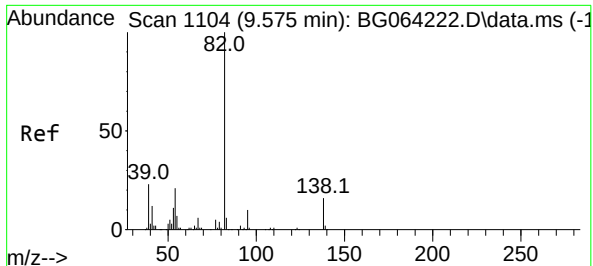
Tgt Ion: 82 Resp: 171360
Ion Ratio Lower Upper
82 100
128 38.7 32.6 48.8
54 71.8 54.7 82.1



#24
Nitrobenzene
Concen: 45.321 ng
RT: 9.051 min Scan# 1015
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion: 77 Resp: 86809
Ion Ratio Lower Upper
77 100
123 40.7 35.2 52.8
65 15.3 12.6 19.0

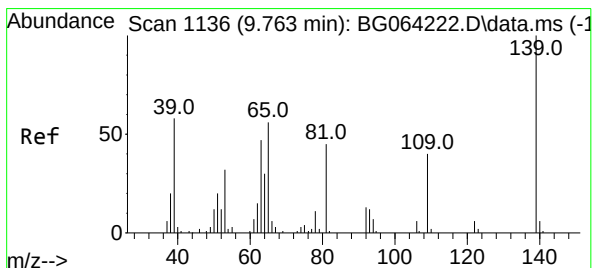
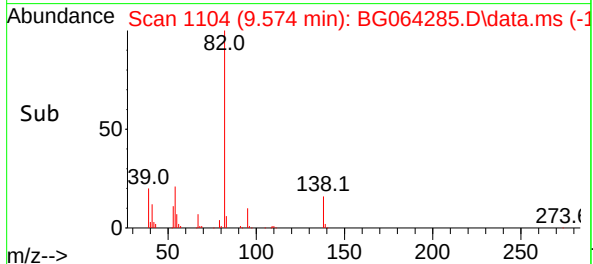
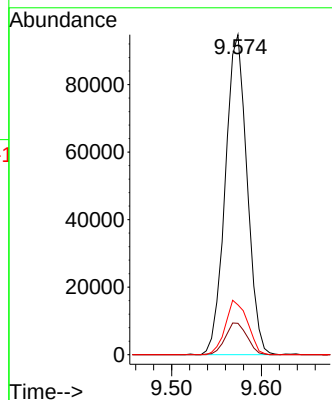
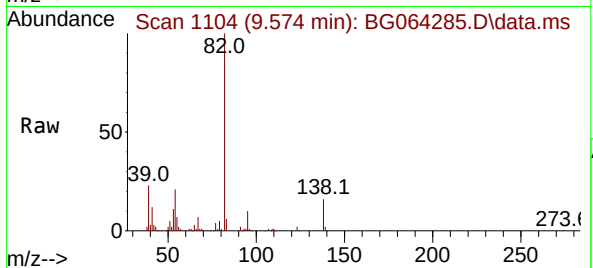




#25
Isophorone
Concen: 41.837 ng
RT: 9.574 min Scan# 1104
Delta R.T. -0.013 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

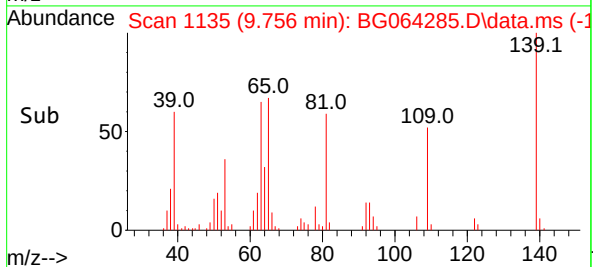
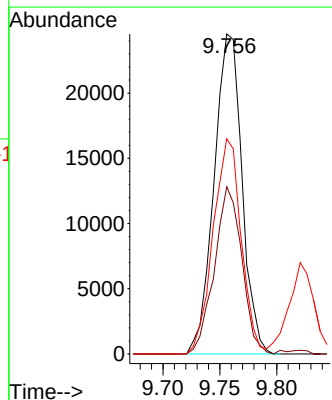
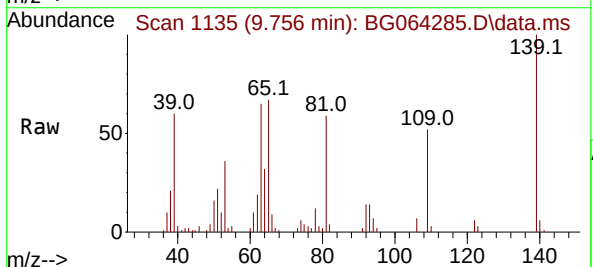
Instrument :
BNA_G
ClientSampleId :
PB169528BS

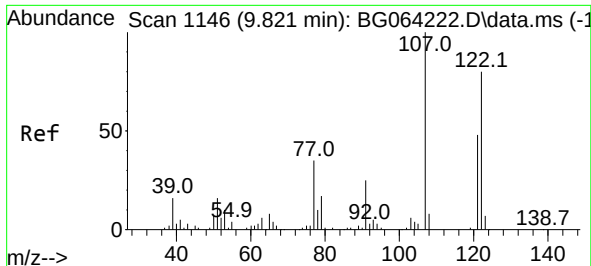
Tgt Ion: 82 Resp: 159405
Ion Ratio Lower Upper
82 100
95 9.8 7.9 11.9
138 15.6 13.0 19.4



#26
2-Nitrophenol
Concen: 50.685 ng
RT: 9.756 min Scan# 1135
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:139 Resp: 41949
Ion Ratio Lower Upper
139 100
109 52.3 32.4 48.6#
65 67.2 44.6 67.0#

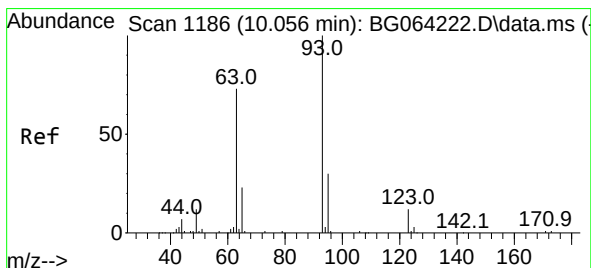
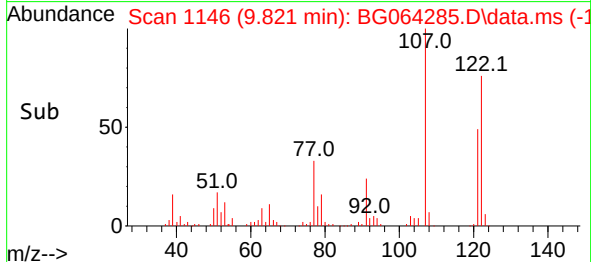
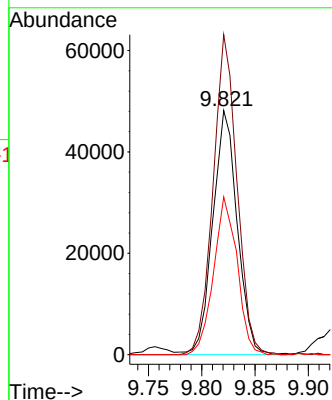
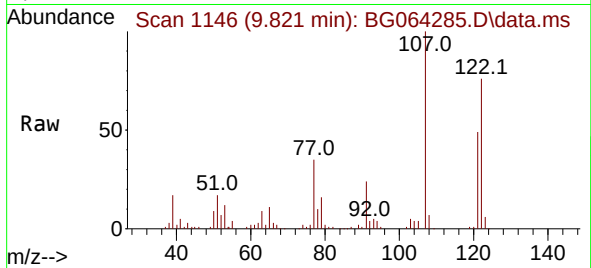




#27
2,4-Dimethylphenol
Concen: 52.843 ng
RT: 9.821 min Scan# 1146
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

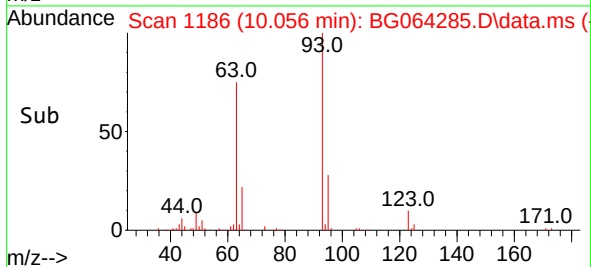
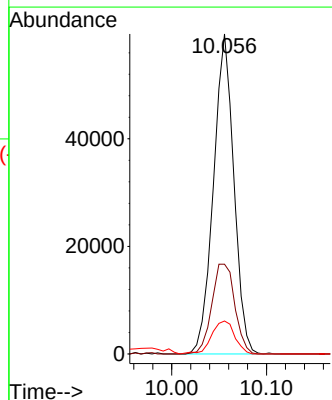
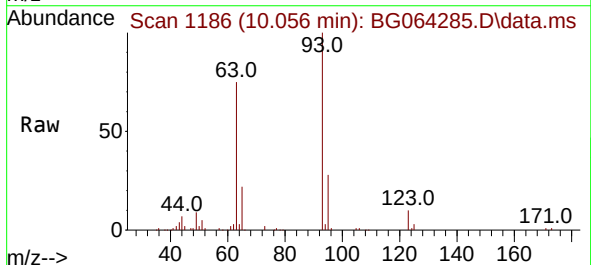
Instrument :
BNA_G
ClientSampleId :
PB169528BS

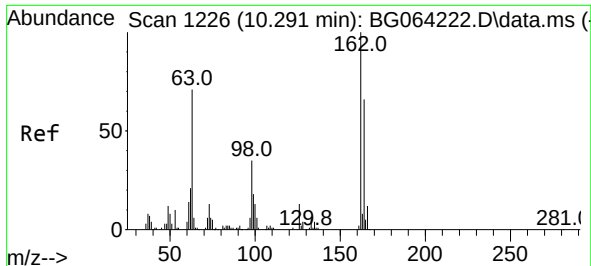
Tgt Ion:122 Resp: 76785
Ion Ratio Lower Upper
122 100
107 131.1 99.9 149.9
121 64.6 48.6 72.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.240 ng
RT: 10.056 min Scan# 1186
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion: 93 Resp: 88835
Ion Ratio Lower Upper
93 100
95 28.1 23.9 35.9
123 10.3 9.6 14.4

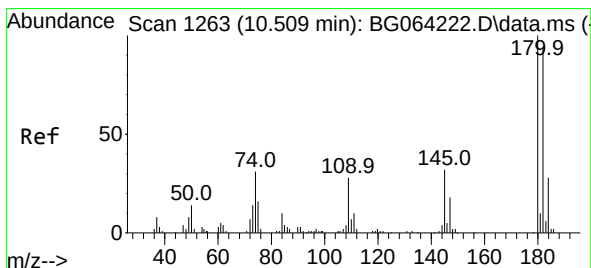
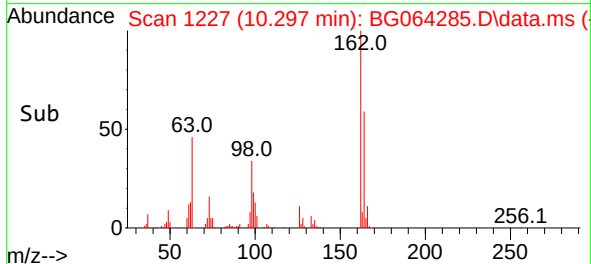
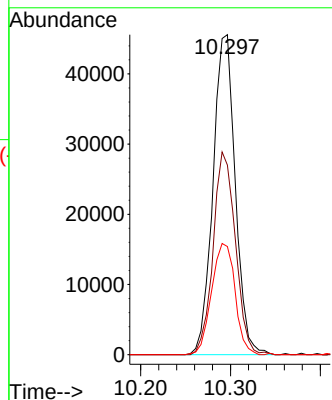
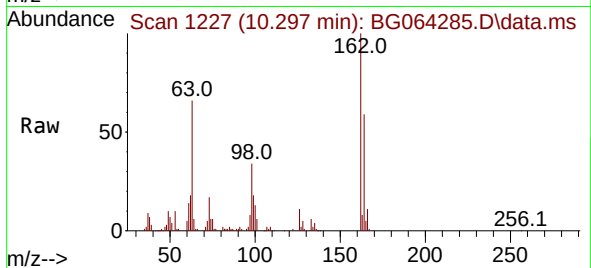




#29
2,4-Dichlorophenol
Concen: 51.282 ng
RT: 10.297 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

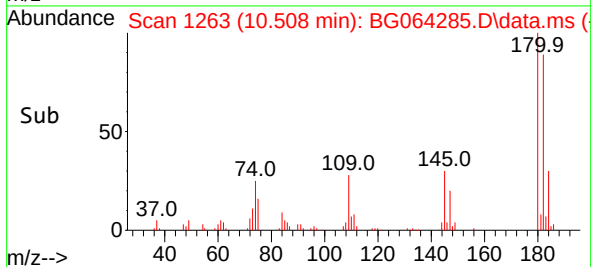
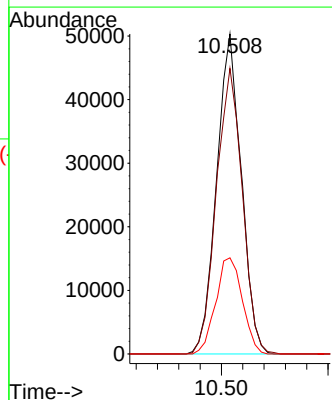
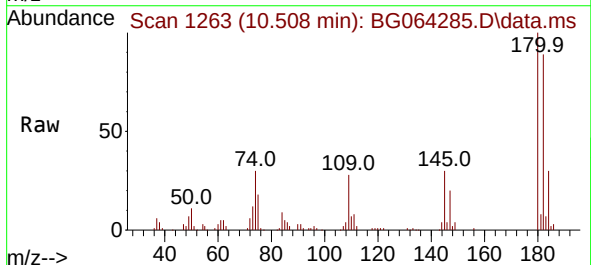
Instrument :
BNA_G
ClientSampleId :
PB169528BS

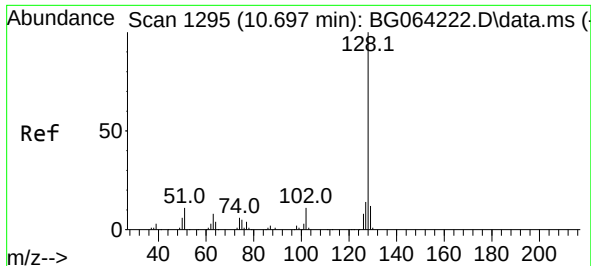
Tgt Ion:162 Resp: 78625
Ion Ratio Lower Upper
162 100
164 59.2 45.8 85.8
98 33.8 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 50.045 ng
RT: 10.508 min Scan# 1263
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:180 Resp: 80901
Ion Ratio Lower Upper
180 100
182 89.3 75.0 112.6
145 30.0 25.4 38.0

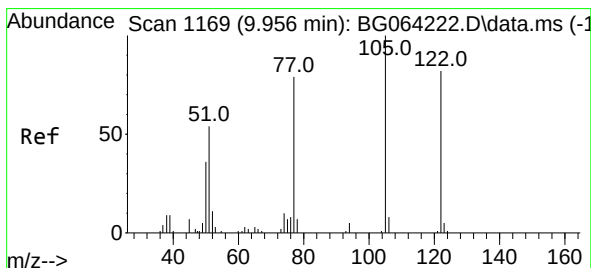
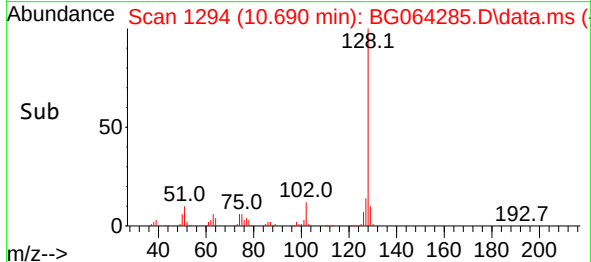
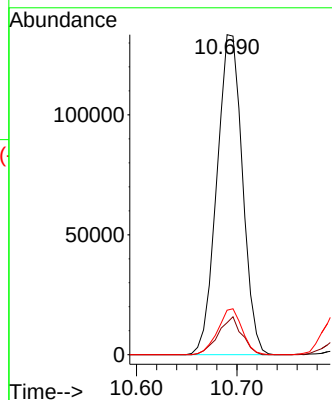
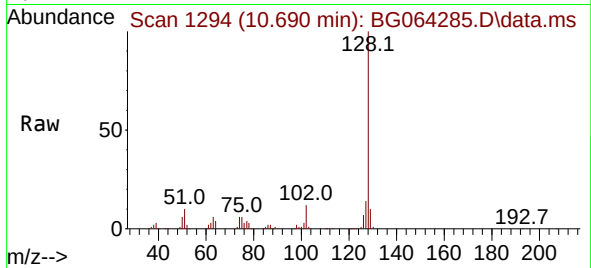




#31
Naphthalene
Concen: 44.561 ng
RT: 10.690 min Scan# 1173
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

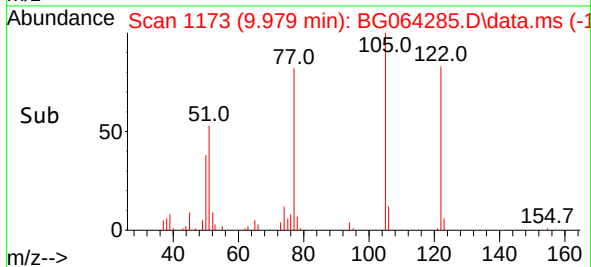
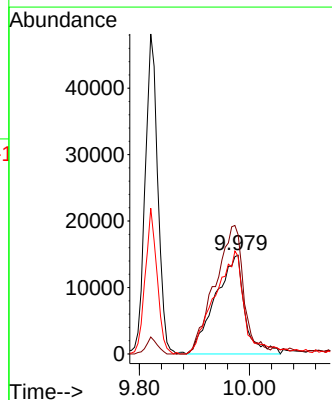
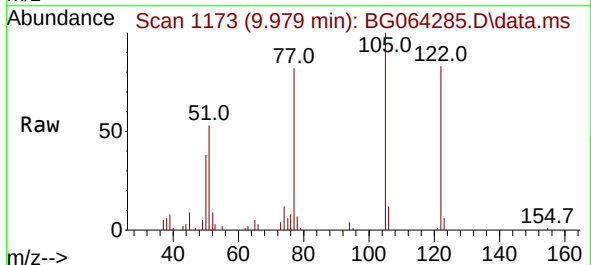
Instrument :
BNA_G
ClientSampleId :
PB169528BS

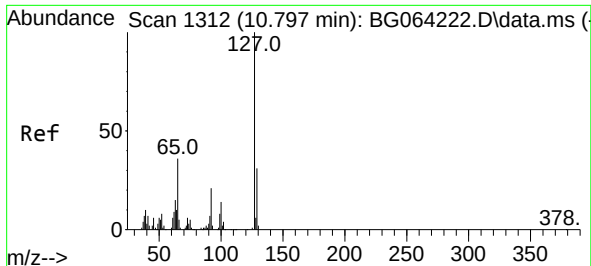
Tgt Ion:128 Resp: 236256
Ion Ratio Lower Upper
128 100
129 10.0 9.4 14.2
127 13.9 10.9 16.3



#32
Benzoic acid
Concen: 47.974 ng
RT: 9.979 min Scan# 1173
Delta R.T. -0.036 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:122 Resp: 55336
Ion Ratio Lower Upper
122 100
105 120.7 98.5 138.5
77 98.9 74.6 114.6

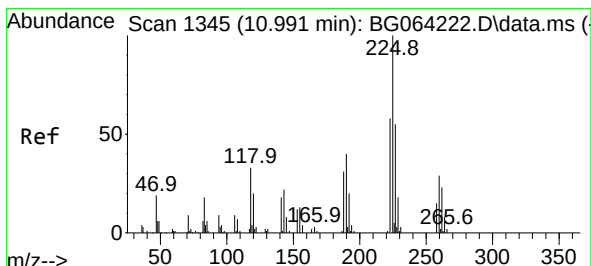
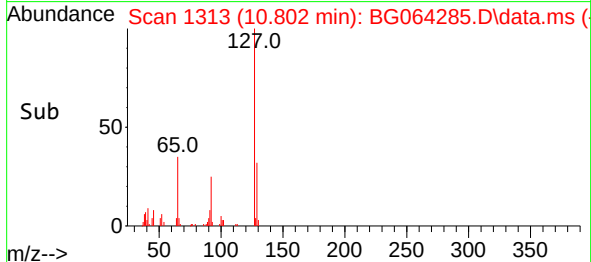
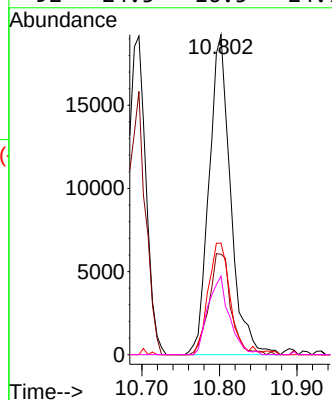
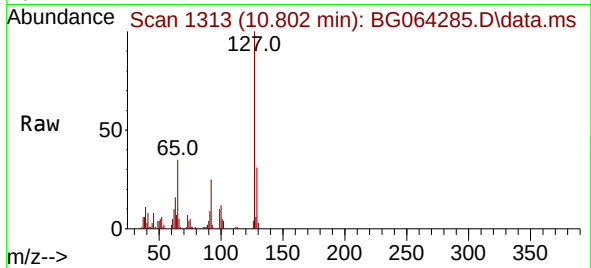




#33
4-Chloroaniline
Concen: 18.075 ng
RT: 10.802 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

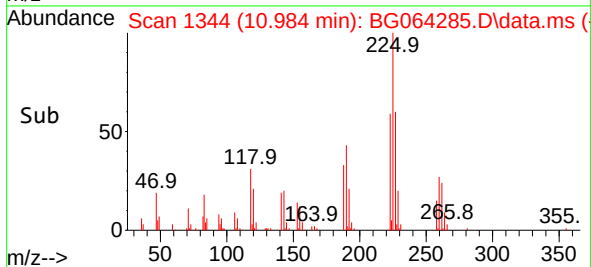
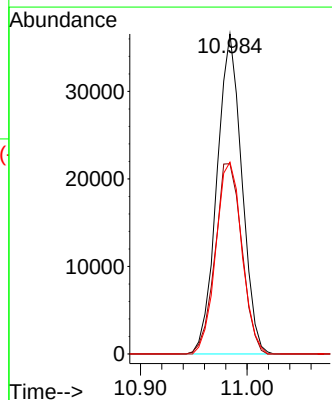
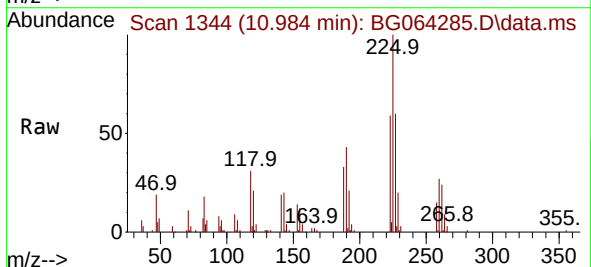
Instrument :
BNA_G
ClientSampleId :
PB169528BS

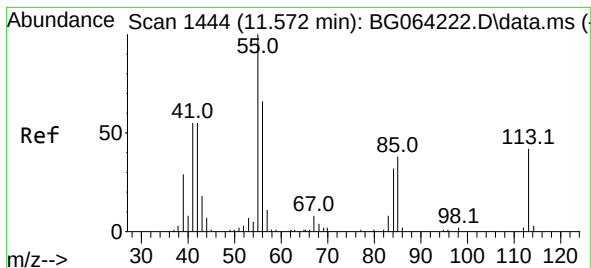
Tgt Ion:	127	Resp:	37142
Ion Ratio	Lower	Upper	
127	100		
129	31.4	25.0	37.4
65	34.9	28.7	43.1
92	24.5	16.5	24.7



#34
Hexachlorobutadiene
Concen: 49.634 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:	225	Resp:	59311
Ion Ratio	Lower	Upper	
225	100		
223	59.5	46.5	69.7
227	60.0	44.1	66.1

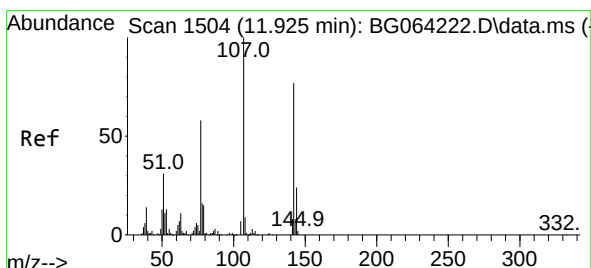
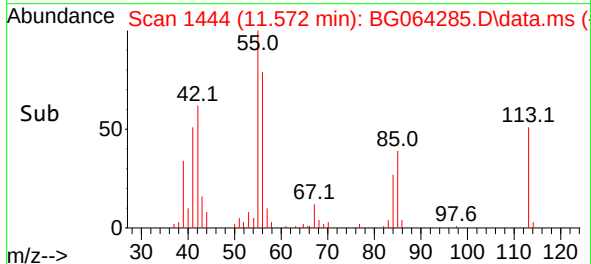
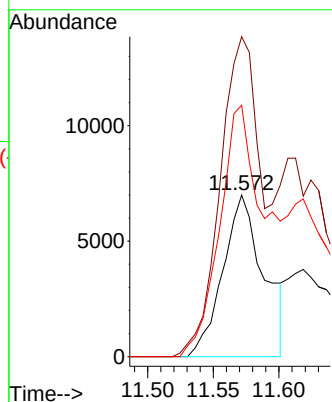
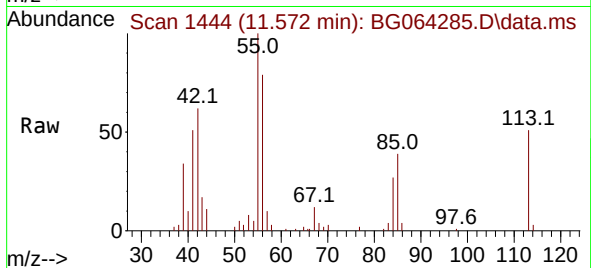




#35
 Caprolactam
 Concen: 25.434 ng
 RT: 11.572 min Scan# 1444
 Delta R.T. -0.030 min
 Lab File: BG064285.D
 Acq: 4 Sep 2025 17:23

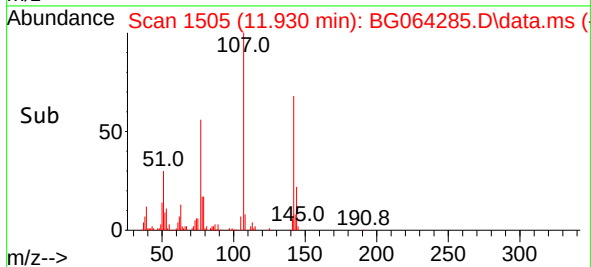
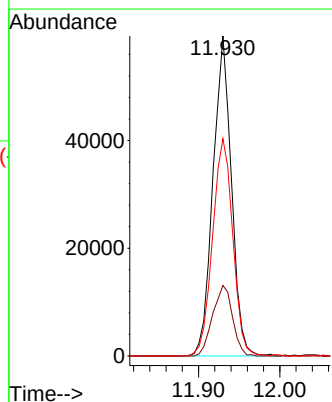
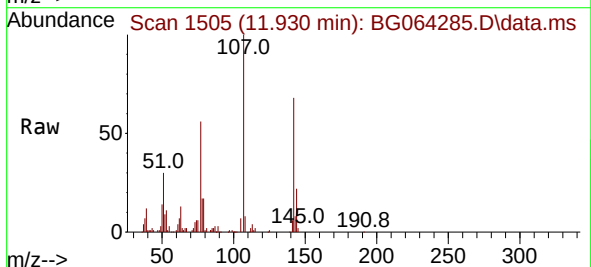
Instrument :
 BNA_G
 ClientSampleId :
 PB169528BS

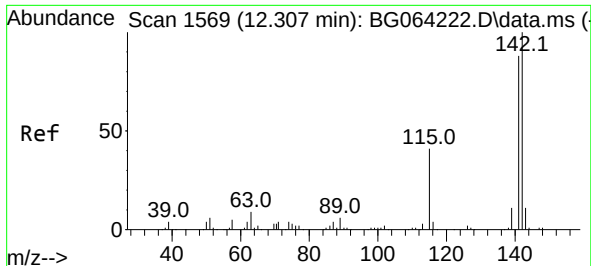
Tgt Ion:113 Resp: 15099
 Ion Ratio Lower Upper
 113 100
 55 197.9 218.5 258.5#
 56 155.6 138.5 178.5



#36
 4-Chloro-3-methylphenol
 Concen: 47.115 ng
 RT: 11.930 min Scan# 1505
 Delta R.T. -0.001 min
 Lab File: BG064285.D
 Acq: 4 Sep 2025 17:23

Tgt Ion:107 Resp: 93724
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.5 29.3
 142 67.9 62.0 93.0

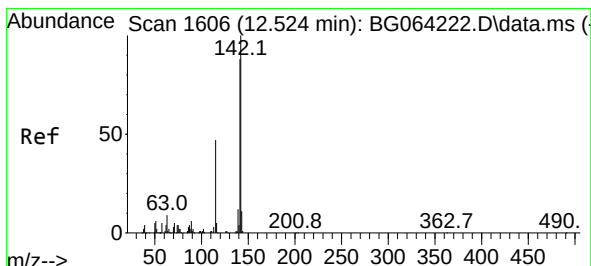
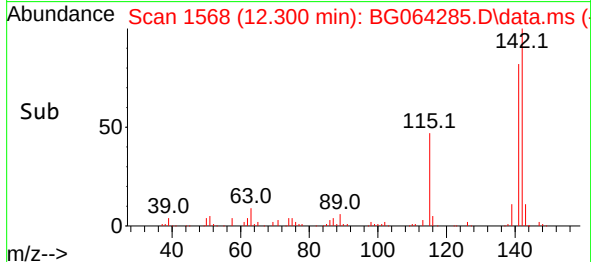
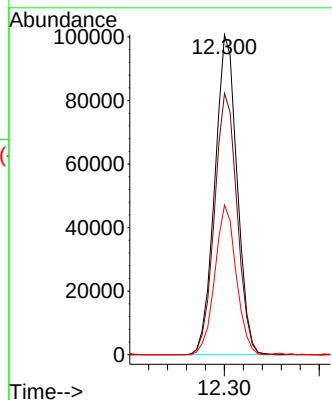
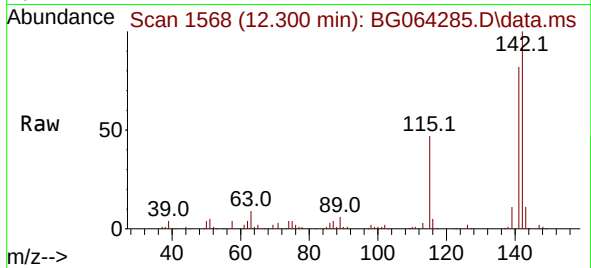




#37
2-Methylnaphthalene
Concen: 41.559 ng
RT: 12.300 min Scan# 1569
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

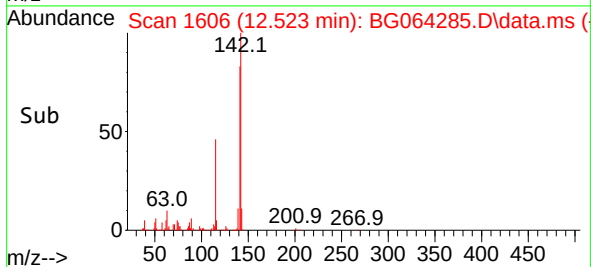
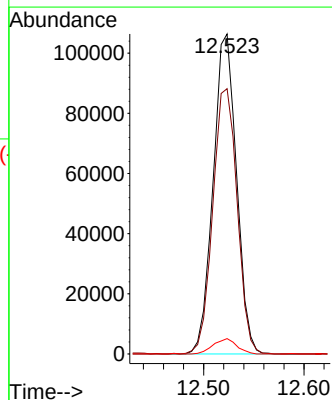
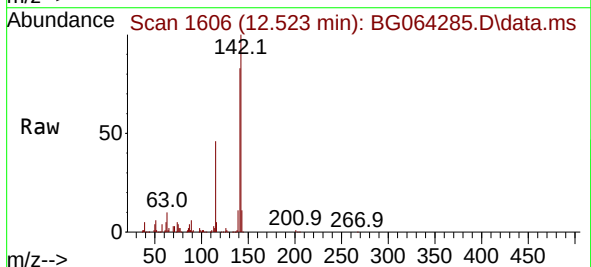
Instrument :
BNA_G
ClientSampleId :
PB169528BS

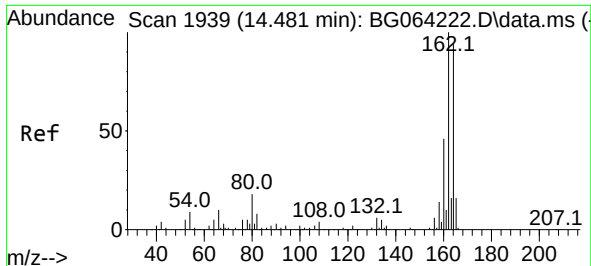
Tgt Ion:142 Resp: 163776
Ion Ratio Lower Upper
142 100
141 81.6 70.1 105.1
115 46.8 33.1 49.7



#38
1-Methylnaphthalene
Concen: 44.199 ng
RT: 12.523 min Scan# 1606
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

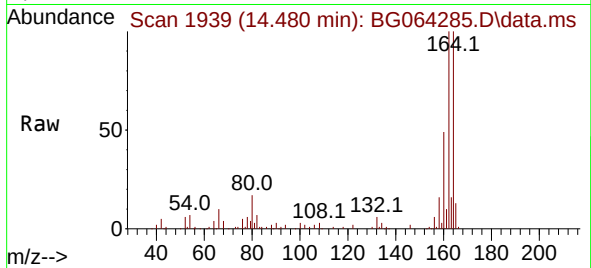
Tgt Ion:142 Resp: 172043
Ion Ratio Lower Upper
142 100
141 82.9 70.3 105.5
116 4.8 3.7 5.5



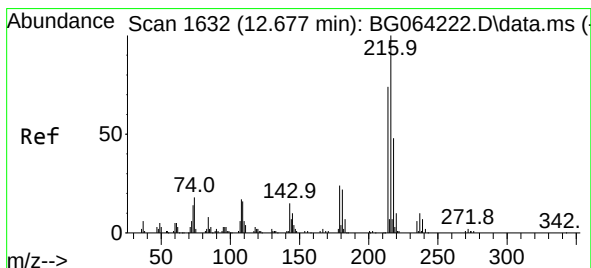
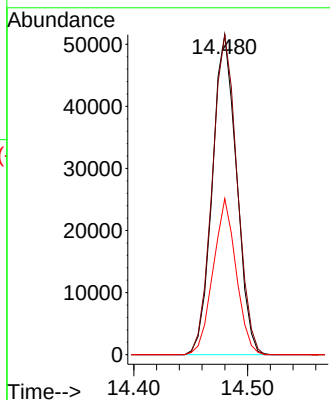
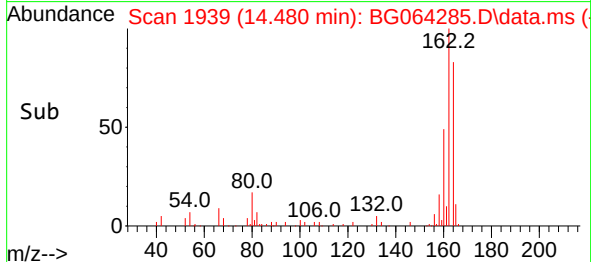


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

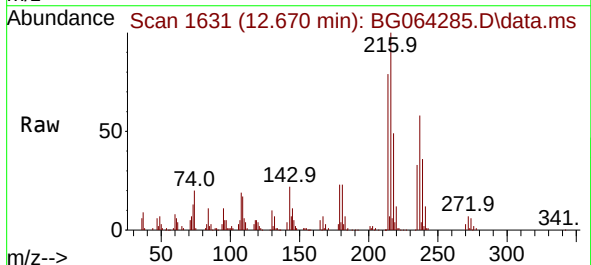
Instrument :
BNA_G
ClientSampleId :
PB169528BS



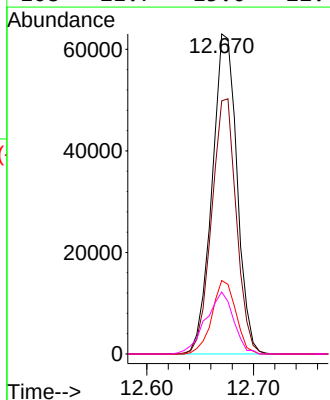
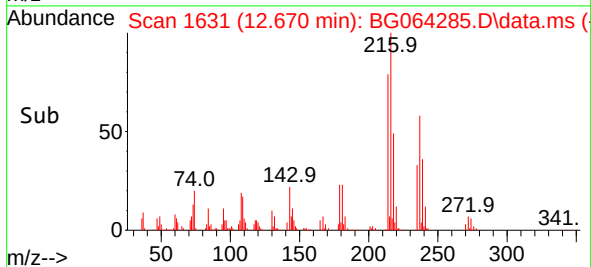
Tgt Ion:164 Resp: 76146
Ion Ratio Lower Upper
164 100
162 99.9 85.4 128.0
160 48.7 39.2 58.8

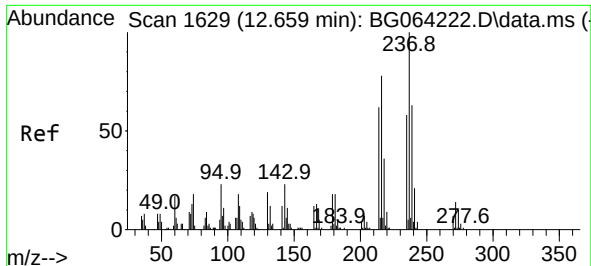


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.502 ng
RT: 12.670 min Scan# 1631
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23



Tgt Ion:216 Resp: 102168
Ion Ratio Lower Upper
216 100
214 78.9 61.9 92.9
179 22.0 17.9 26.9
108 21.7 15.0 22.4

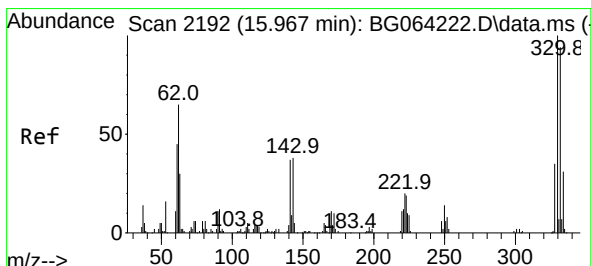
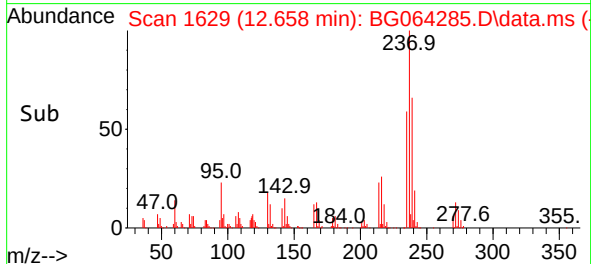
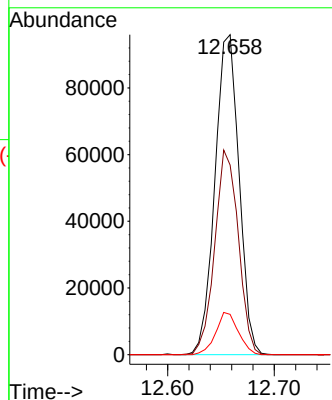
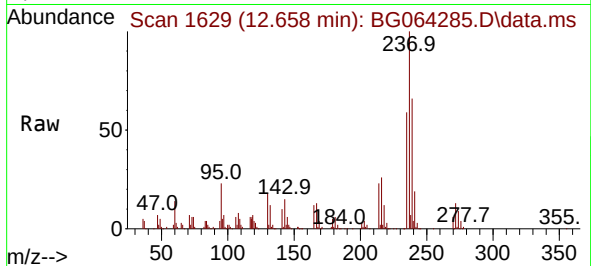




#41
Hexachlorocyclopentadiene
Concen: 144.118 ng
RT: 12.658 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

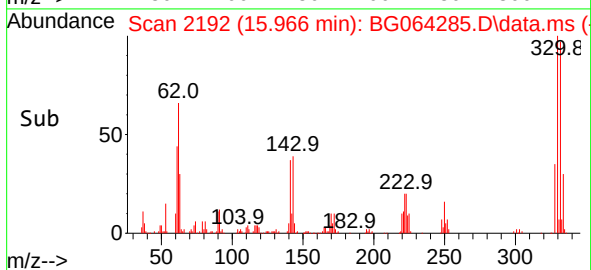
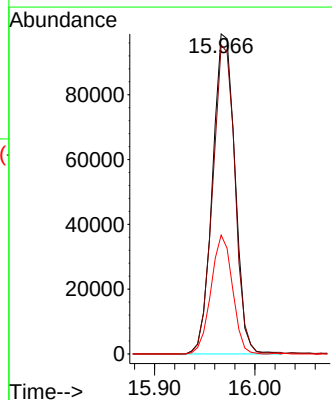
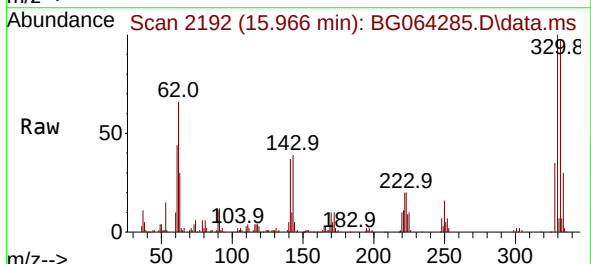
Instrument :
BNA_G
ClientSampleId :
PB169528BS

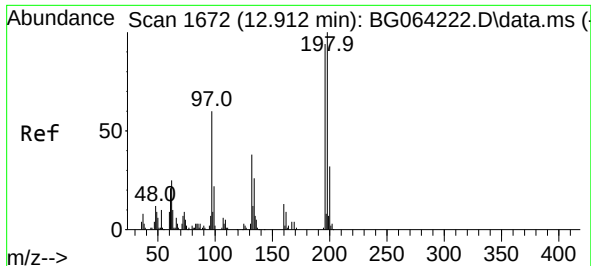
Tgt Ion:237 Resp: 150486
Ion Ratio Lower Upper
237 100
235 59.2 37.9 77.9
272 12.6 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 151.922 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:330 Resp: 153227
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 35.5 29.8 44.6

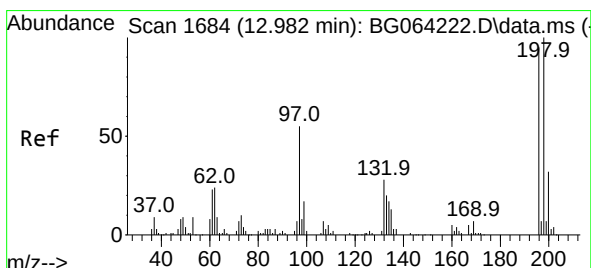
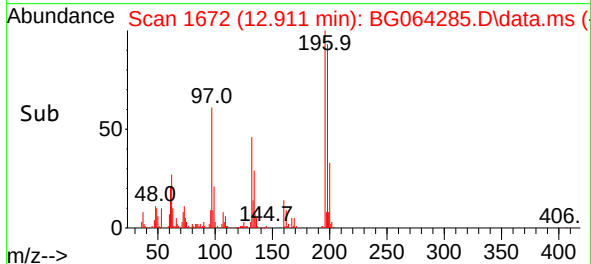
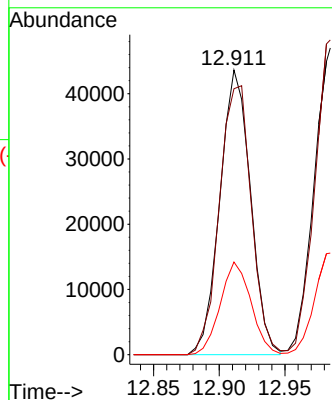
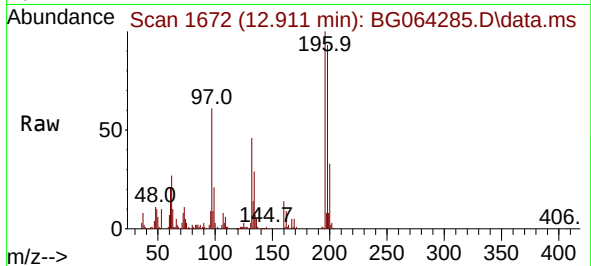




#43
2,4,6-Trichlorophenol
Concen: 48.172 ng
RT: 12.911 min Scan# 1672
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

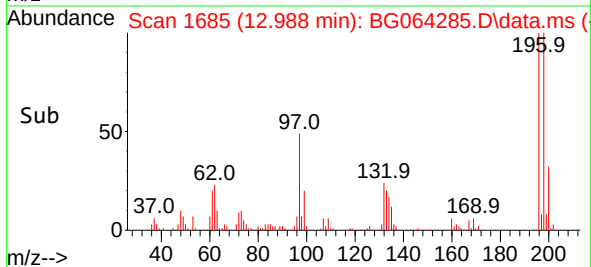
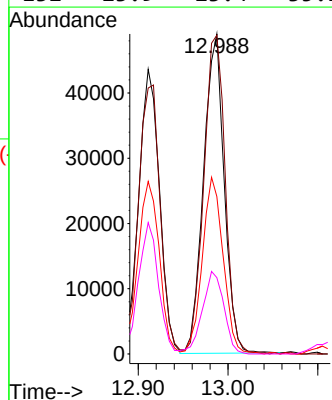
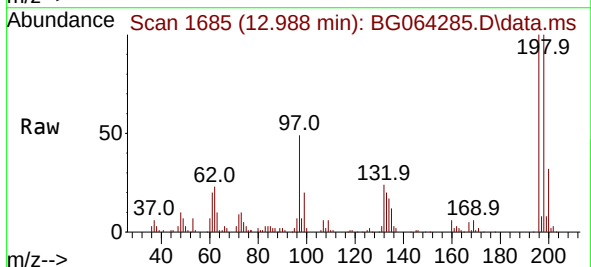
Instrument :
BNA_G
ClientSampleId :
PB169528BS

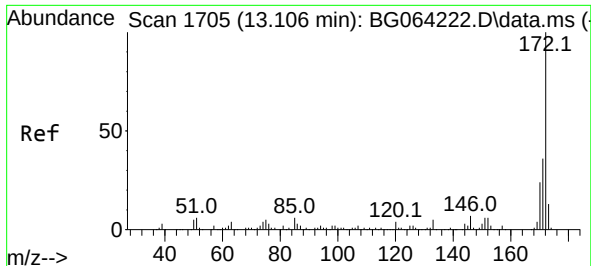
Tgt Ion:196 Resp: 70739
Ion Ratio Lower Upper
196 100
198 93.4 85.4 128.2
200 32.5 27.3 40.9



#44
2,4,5-Trichlorophenol
Concen: 49.170 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:196 Resp: 78326
Ion Ratio Lower Upper
196 100
198 99.6 84.5 126.7
97 49.2 46.8 70.2
132 23.9 23.4 35.2

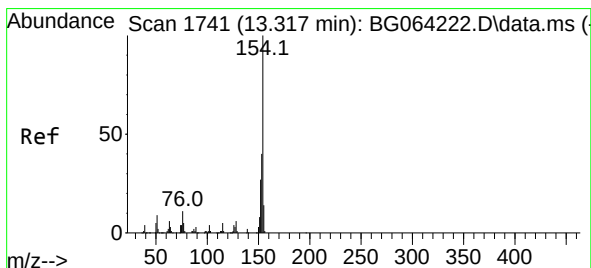
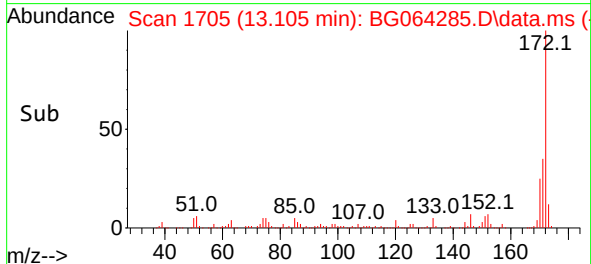
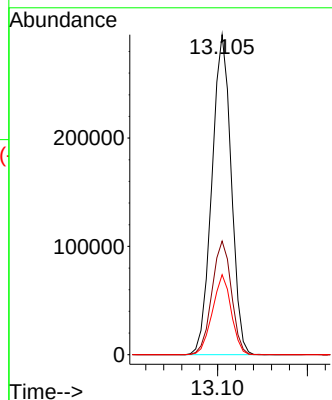
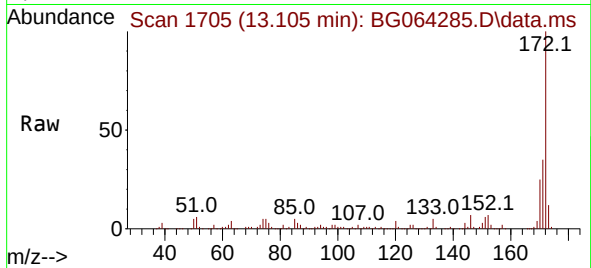




#45
2-Fluorobiphenyl
Concen: 88.215 ng
RT: 13.105 min Scan# 1705
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

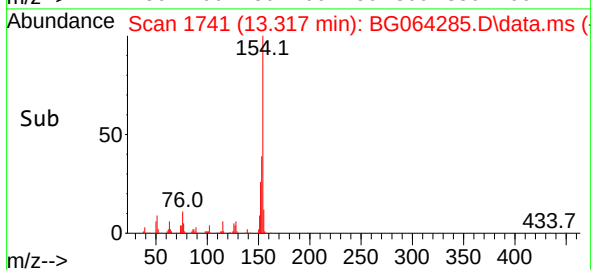
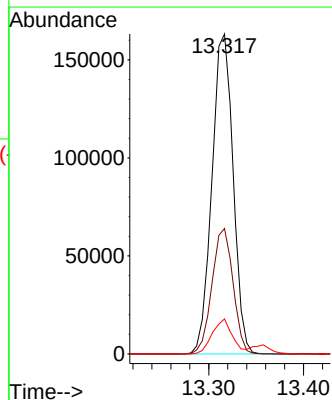
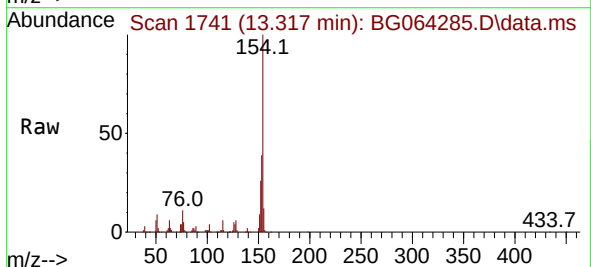
Instrument :
BNA_G
ClientSampleId :
PB169528BS

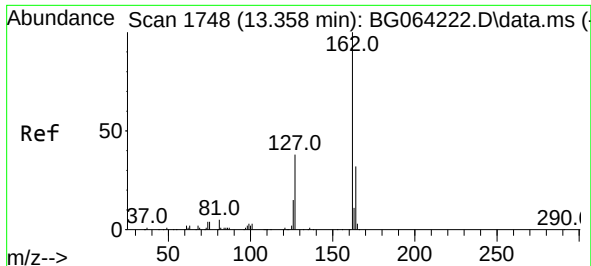
Tgt Ion:172 Resp: 440082
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 25.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.615 ng
RT: 13.317 min Scan# 1741
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:154 Resp: 252987
Ion Ratio Lower Upper
154 100
153 39.2 19.9 59.9
76 10.9 0.0 30.9

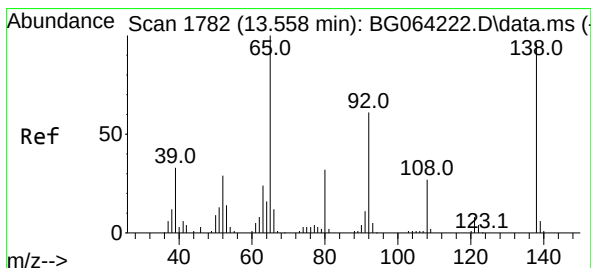
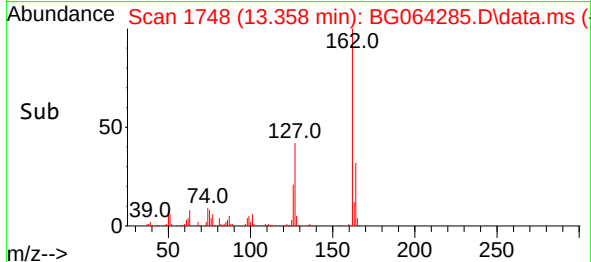
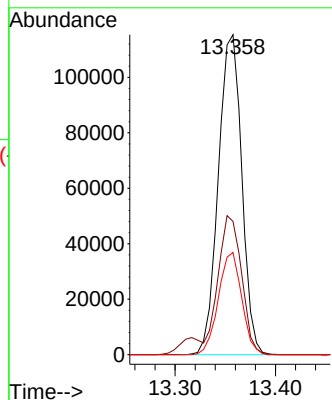
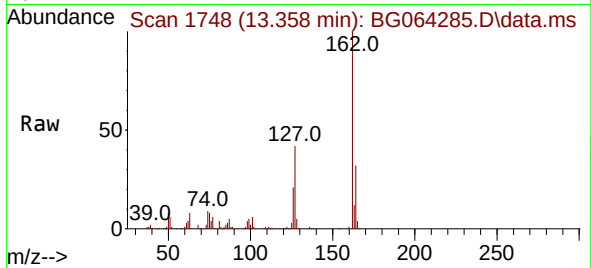




#47
2-Chloronaphthalene
Concen: 44.832 ng
RT: 13.358 min Scan# 1748
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

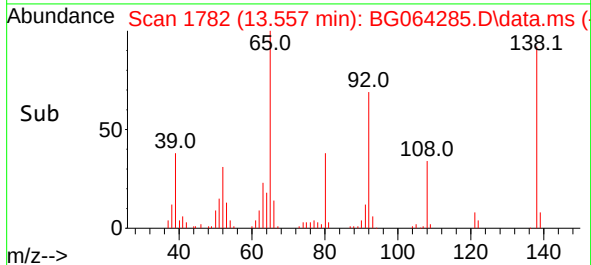
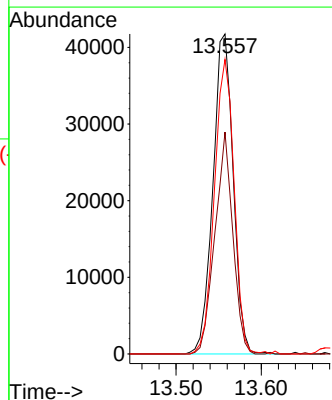
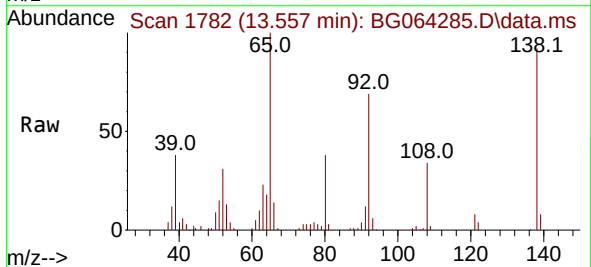
Instrument :
BNA_G
ClientSampleId :
PB169528BS

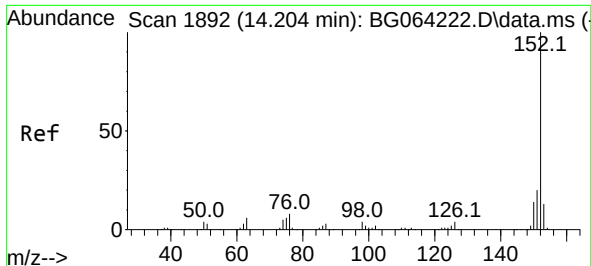
Tgt Ion:162 Resp: 186927
Ion Ratio Lower Upper
162 100
127 41.6 33.9 50.9
164 32.0 25.4 38.2



#48
2-Nitroaniline
Concen: 48.563 ng
RT: 13.557 min Scan# 1782
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion: 65 Resp: 69014
Ion Ratio Lower Upper
65 100
92 69.4 49.2 73.8
138 92.0 76.8 115.2

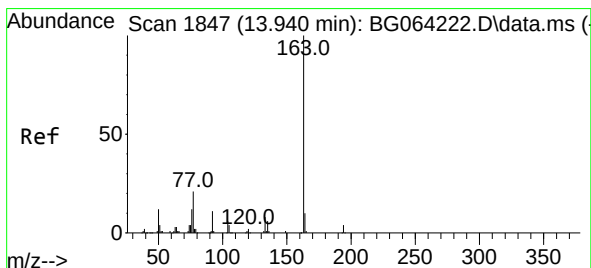
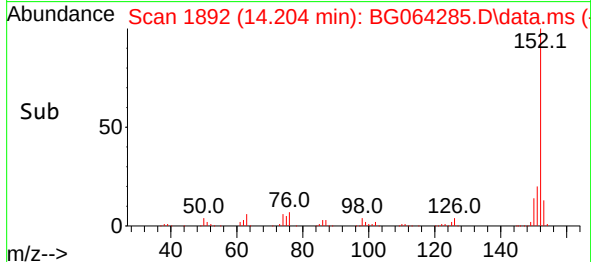
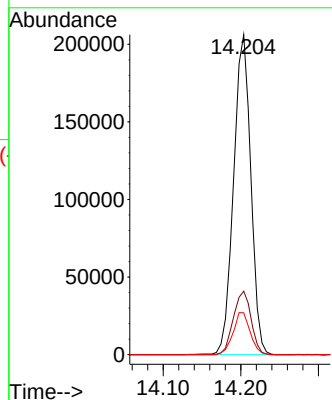
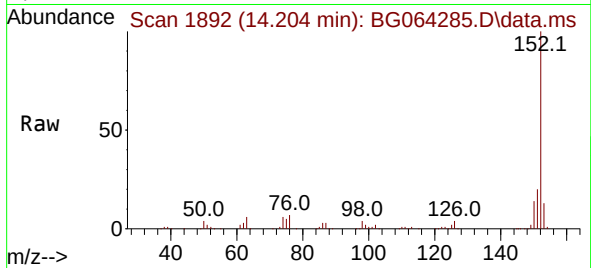




#49
Acenaphthylene
Concen: 51.676 ng
RT: 14.204 min Scan# 1892
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

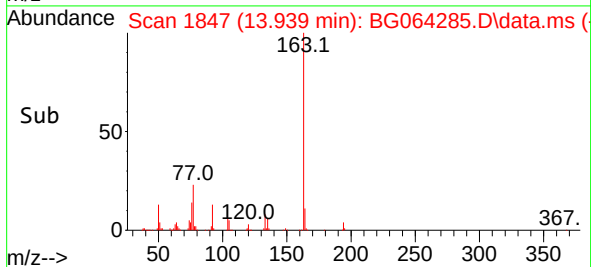
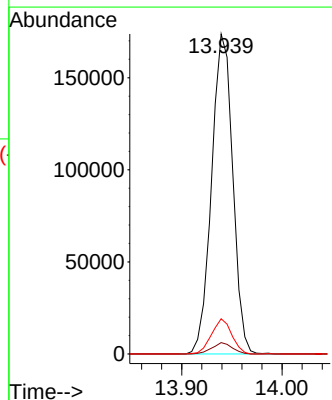
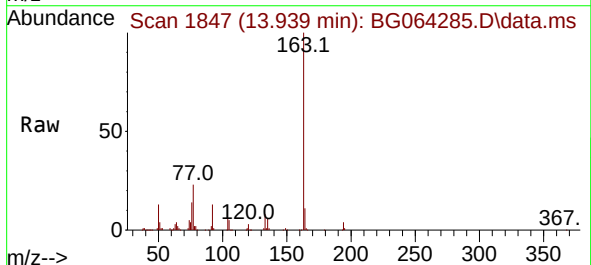
Instrument :
BNA_G
ClientSampleId :
PB169528BS

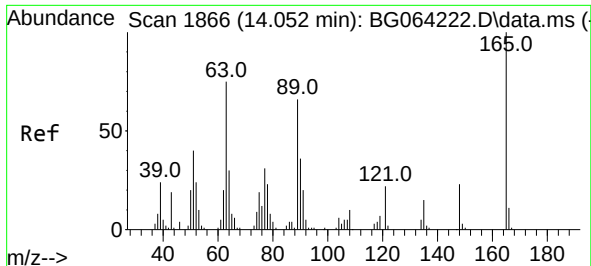
Tgt Ion:152 Resp: 318502
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.1 10.1 15.1



#50
Dimethylphthalate
Concen: 44.148 ng
RT: 13.939 min Scan# 1847
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:163 Resp: 254450
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 11.0 7.9 11.9

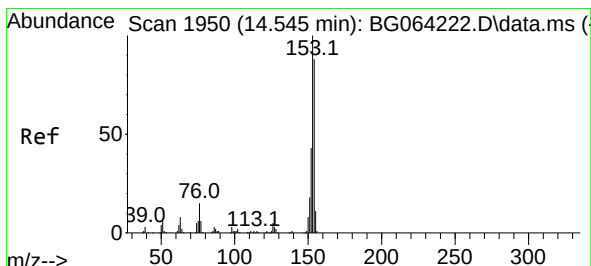
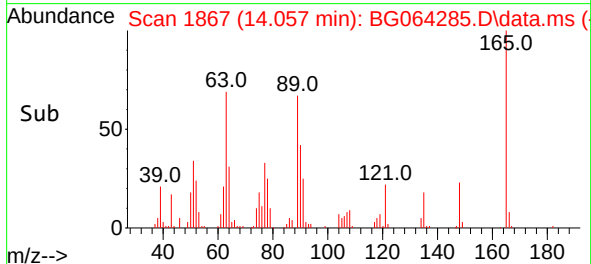
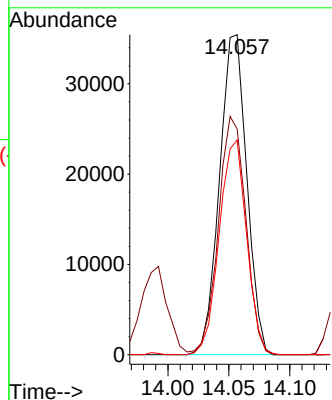
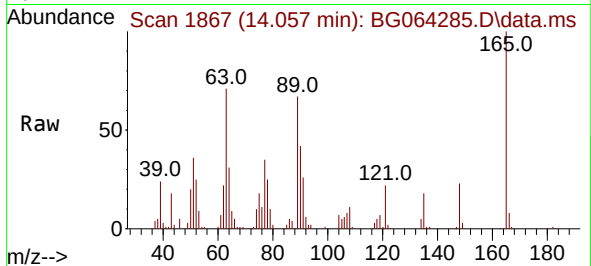




#51
2,6-Dinitrotoluene
Concen: 49.562 ng
RT: 14.057 min Scan# 1866
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

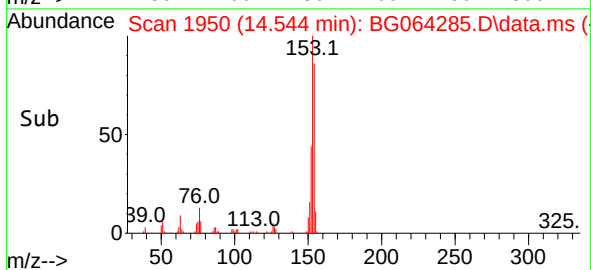
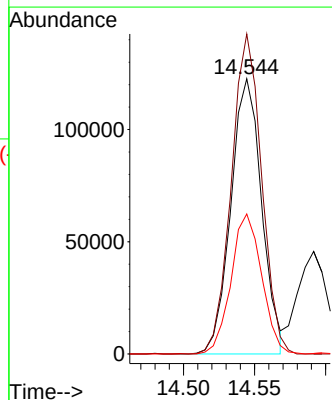
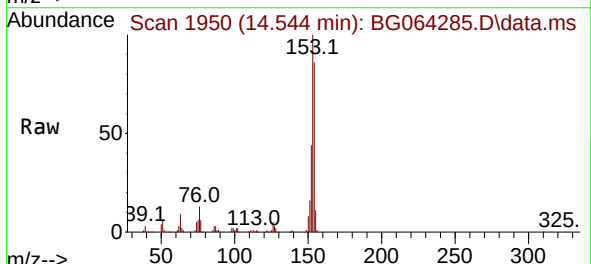
Instrument :
BNA_G
ClientSampleId :
PB169528BS

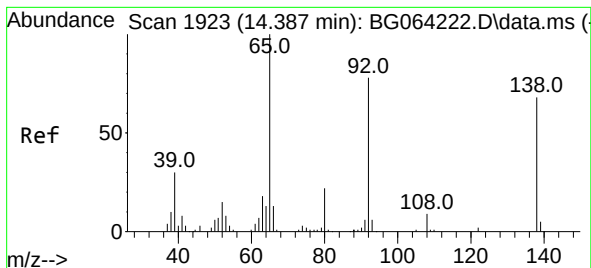
Tgt Ion:165 Resp: 55301
Ion Ratio Lower Upper
165 100
63 70.5 60.3 90.5
89 67.1 52.9 79.3



#52
Acenaphthene
Concen: 42.573 ng
RT: 14.544 min Scan# 1950
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:154 Resp: 185177
Ion Ratio Lower Upper
154 100
153 116.3 91.1 136.7
152 50.9 39.6 59.4

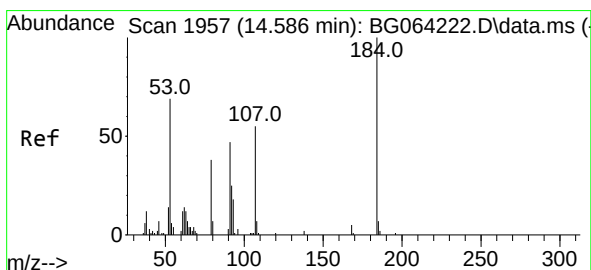
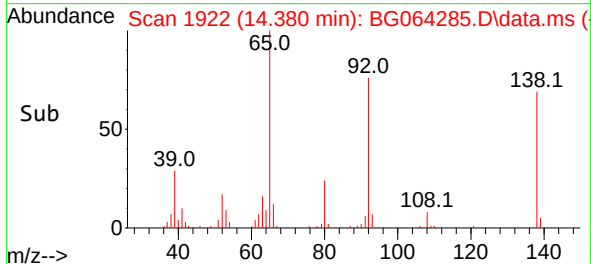
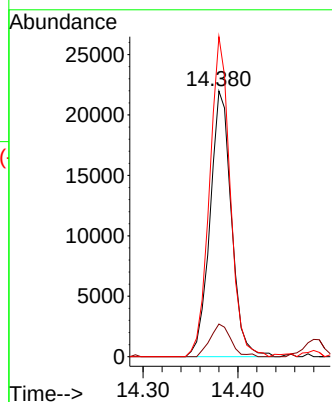
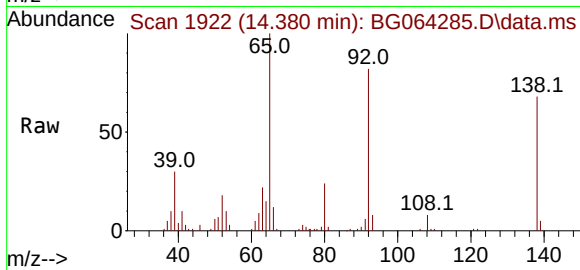




#53
3-Nitroaniline
Concen: 29.404 ng
RT: 14.380 min Scan# 1922
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

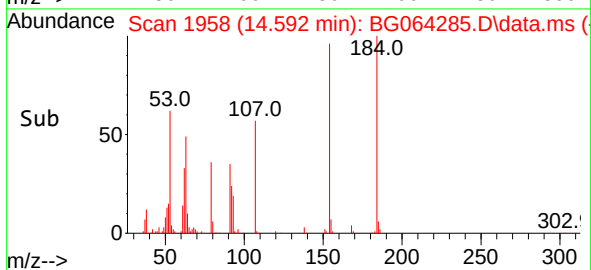
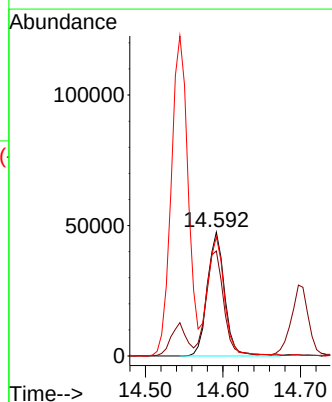
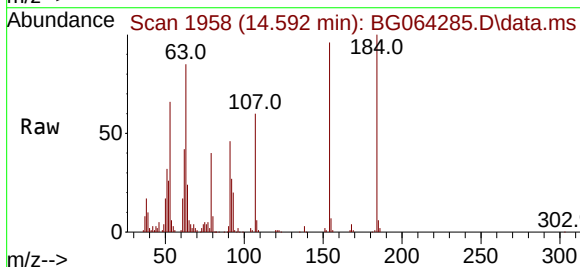
Instrument :
BNA_G
ClientSampleId :
PB169528BS

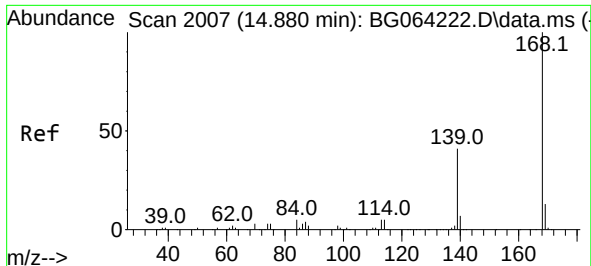
Tgt Ion:138 Resp: 34367
Ion Ratio Lower Upper
138 100
108 12.3 11.0 16.6
92 120.5 91.4 137.0



#54
2,4-Dinitrophenol
Concen: 99.360 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:184 Resp: 73507
Ion Ratio Lower Upper
184 100
63 84.8 60.1 90.1
154 96.3 59.8 89.8#

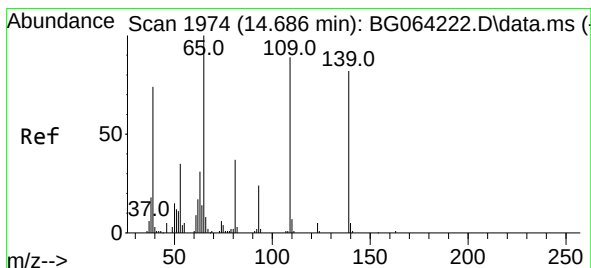
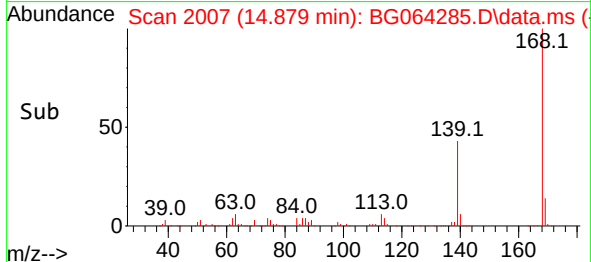
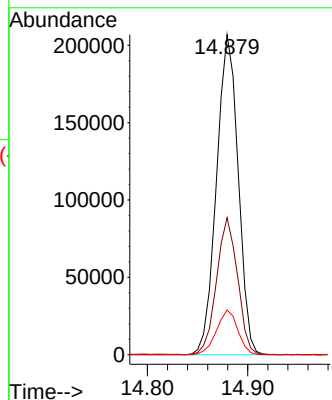
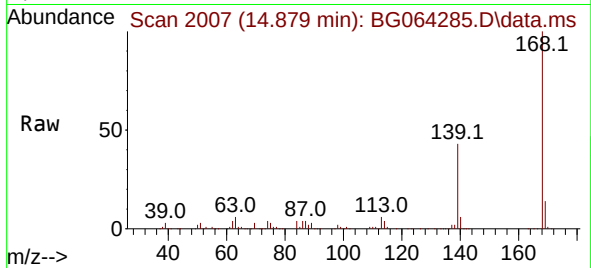




#55
Dibenzofuran
Concen: 45.238 ng
RT: 14.879 min Scan# 2007
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

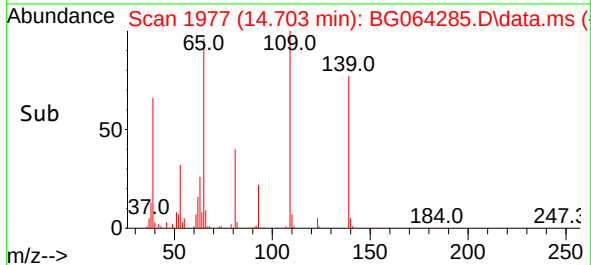
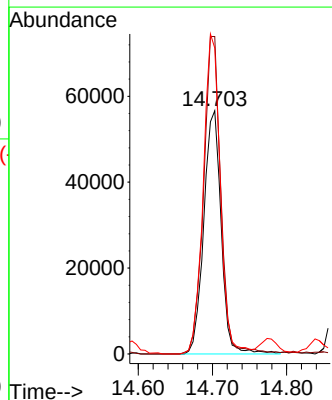
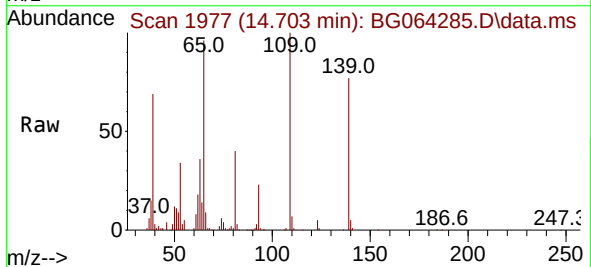
Instrument :
BNA_G
ClientSampleId :
PB169528BS

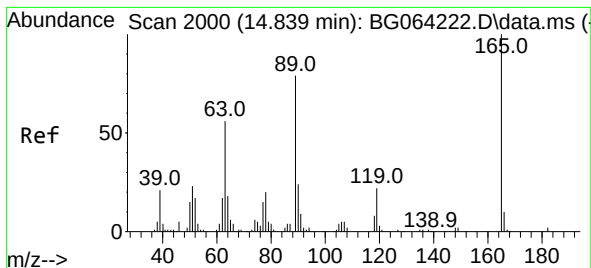
Tgt Ion:168 Resp: 309497
Ion Ratio Lower Upper
168 100
139 42.8 33.2 49.8
169 13.9 10.4 15.6



#56
4-Nitrophenol
Concen: 96.546 ng
RT: 14.703 min Scan# 1977
Delta R.T. 0.005 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

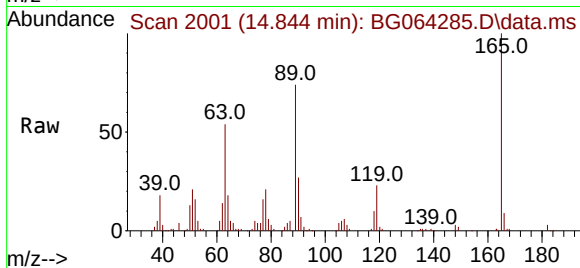
Tgt Ion:139 Resp: 92564
Ion Ratio Lower Upper
139 100
109 130.6 89.1 129.1#
65 125.8 102.9 142.9



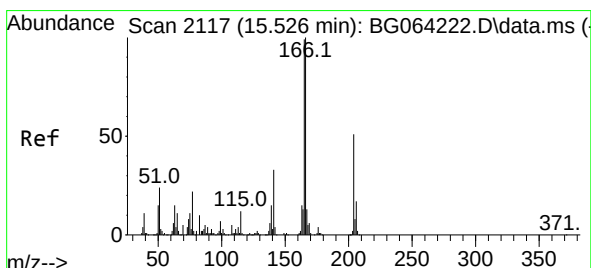
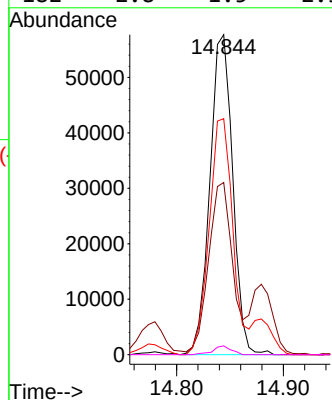
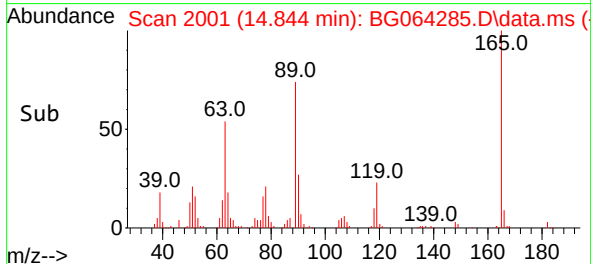


#57
2,4-Dinitrotoluene
Concen: 50.798 ng
RT: 14.844 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Instrument :
BNA_G
ClientSampleId :
PB169528BS

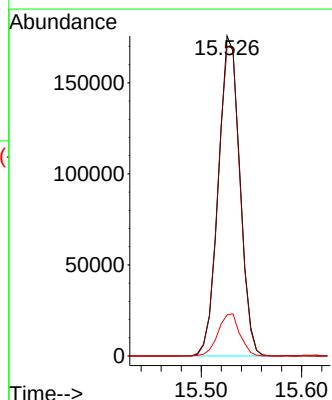
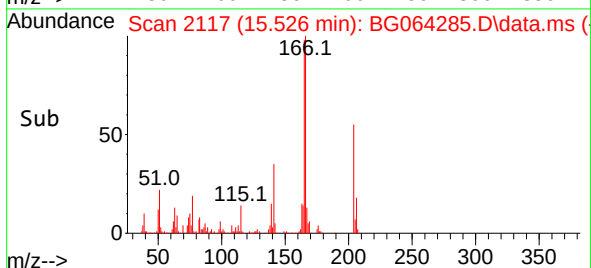
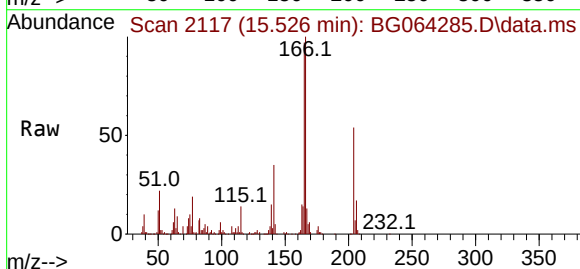


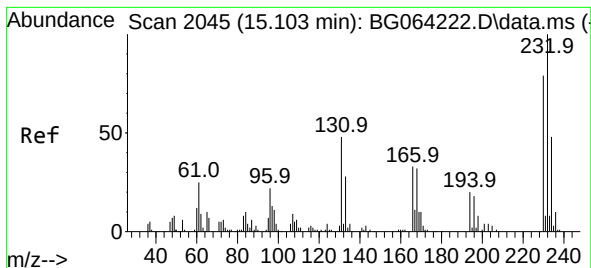
Tgt Ion:165 Resp: 85701
Ion Ratio Lower Upper
165 100
63 53.8 44.6 67.0
89 73.8 63.0 94.4
182 2.8 1.5 2.3#



#58
Fluorene
Concen: 46.407 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:166 Resp: 260231
Ion Ratio Lower Upper
166 100
165 96.9 79.1 118.7
167 12.9 10.2 15.4

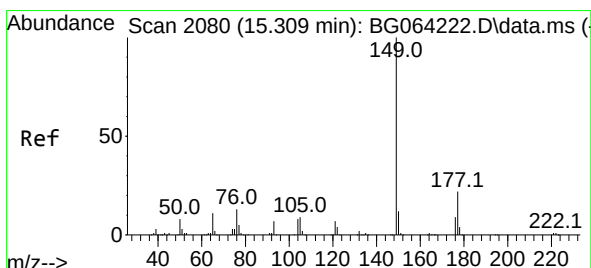
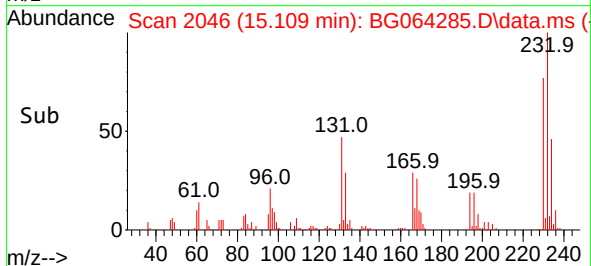
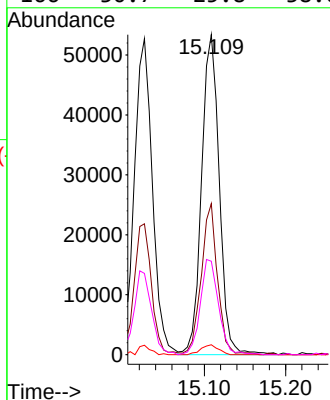
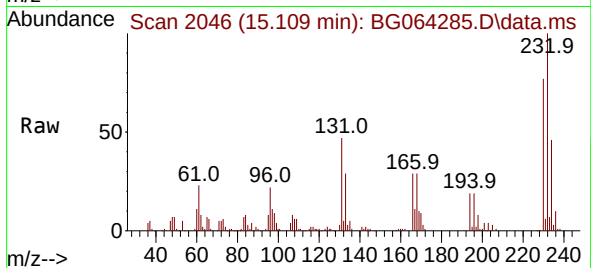




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.744 ng
RT: 15.109 min Scan# 2046
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

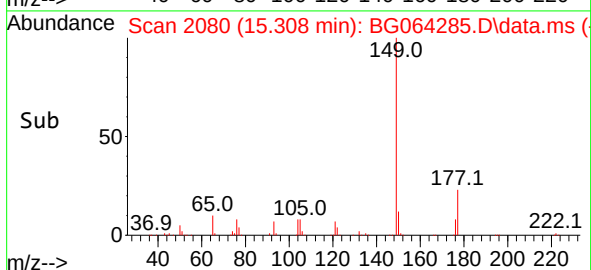
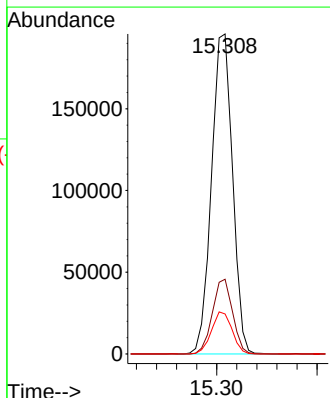
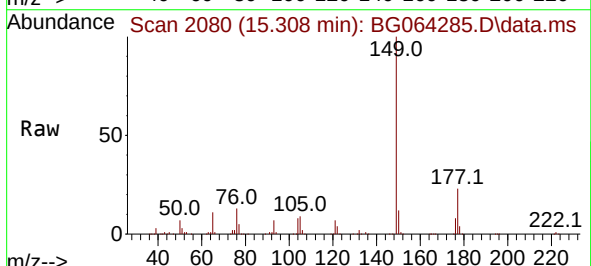
Instrument :
BNA_G
ClientSampleId :
PB169528BS

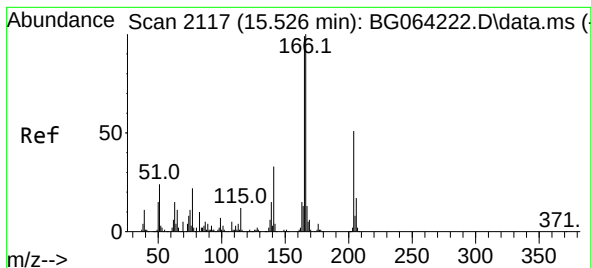
Tgt Ion:232 Resp: 80810
Ion Ratio Lower Upper
232 100
131 43.3 37.1 55.7
130 3.1 2.6 3.8
166 30.7 25.8 38.6



#60
Diethylphthalate
Concen: 46.136 ng
RT: 15.308 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:149 Resp: 284583
Ion Ratio Lower Upper
149 100
177 23.4 17.5 26.3
150 12.5 9.9 14.9

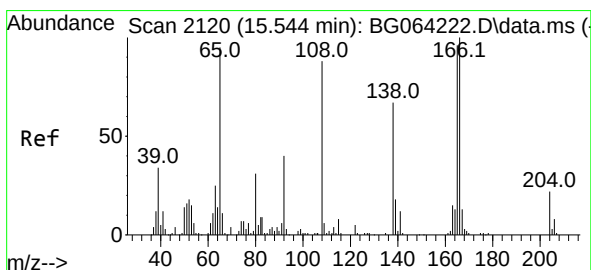
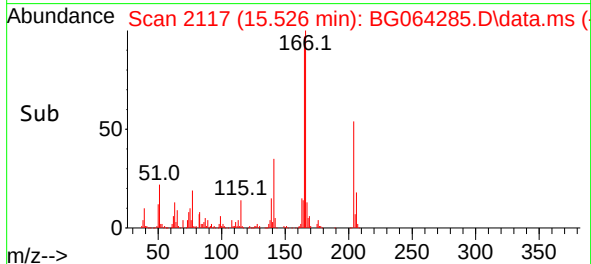
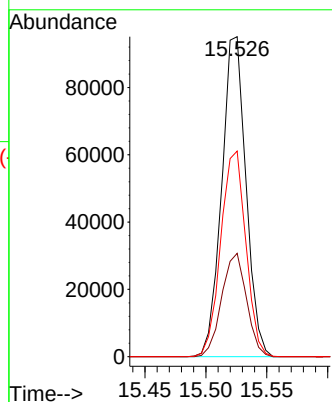
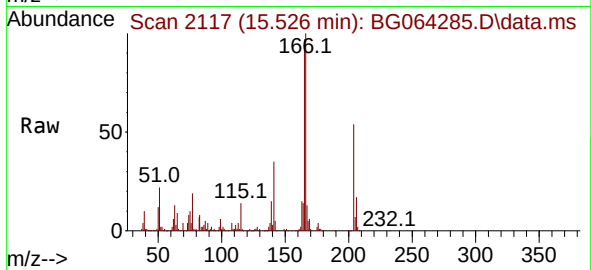




#61
4-Chlorophenyl-phenylether
Concen: 47.199 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

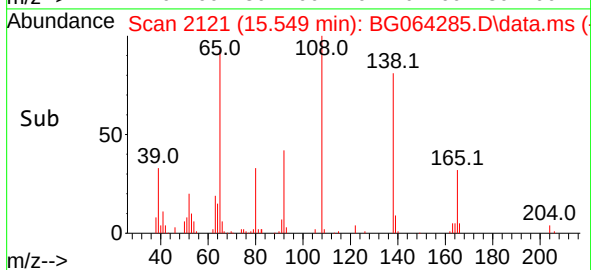
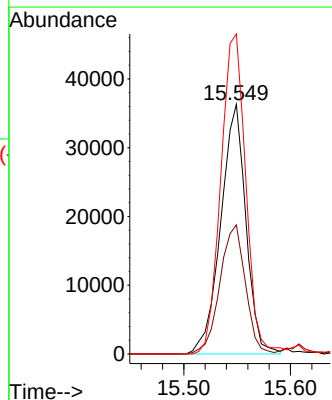
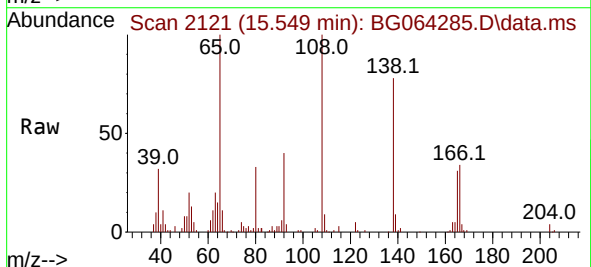
Instrument :
BNA_G
ClientSampleId :
PB169528BS

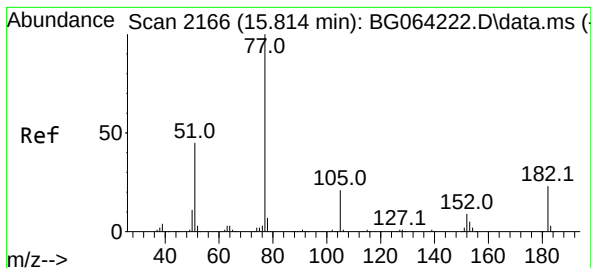
Tgt Ion:204 Resp: 131960
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.4
141 64.2 51.9 77.9



#62
4-Nitroaniline
Concen: 49.907 ng
RT: 15.549 min Scan# 2121
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:138 Resp: 59521
Ion Ratio Lower Upper
138 100
92 51.7 39.1 79.1
108 128.2 111.3 151.3





#63

Azobenzene

Concen: 45.160 ng

RT: 15.814 min Scan# 2166

Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

Instrument :

BNA_G

ClientSampleId :

PB169528BS

Tgt Ion: 77 Resp: 248278

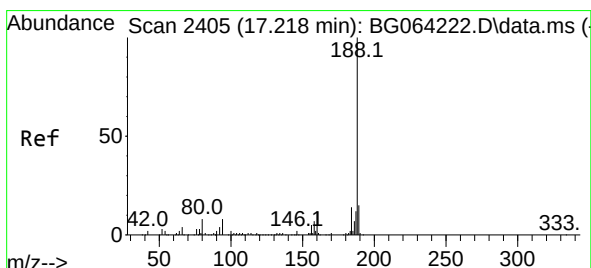
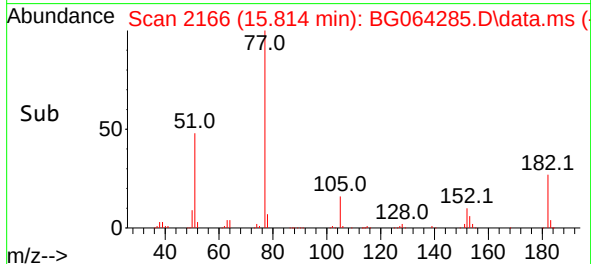
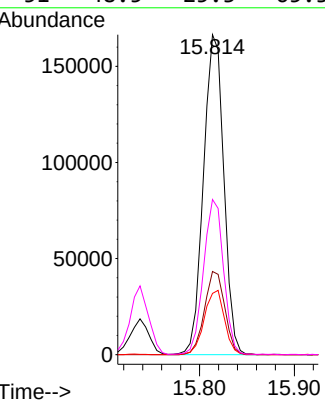
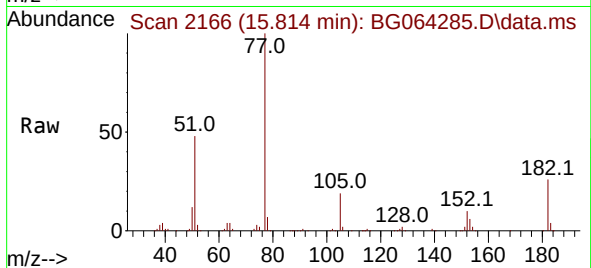
Ion Ratio Lower Upper

77 100

182 26.0 3.3 43.3

105 19.1 0.6 40.6

51 48.5 25.3 65.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.218 min Scan# 2405

Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

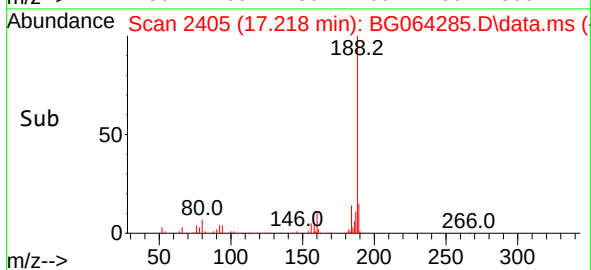
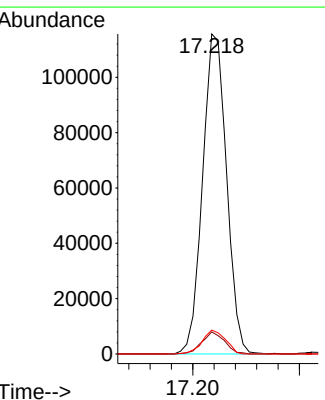
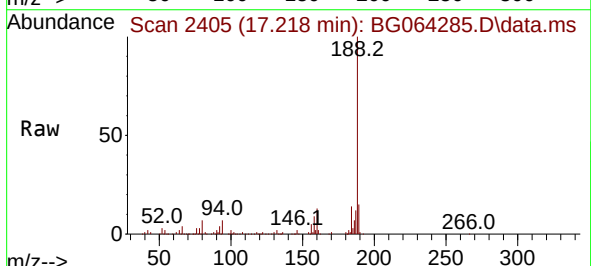
Tgt Ion:188 Resp: 180175

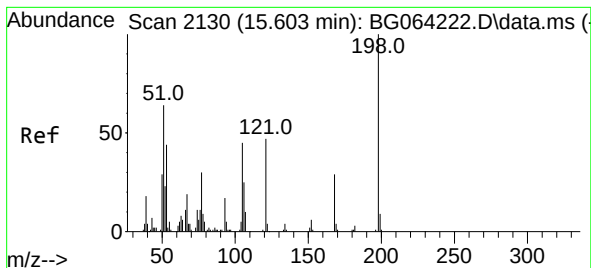
Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

80 7.4 6.8 10.2

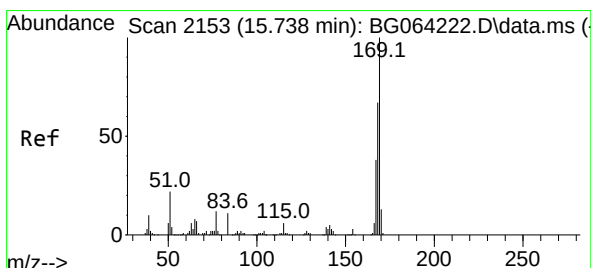
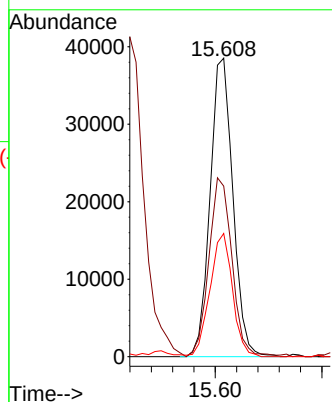
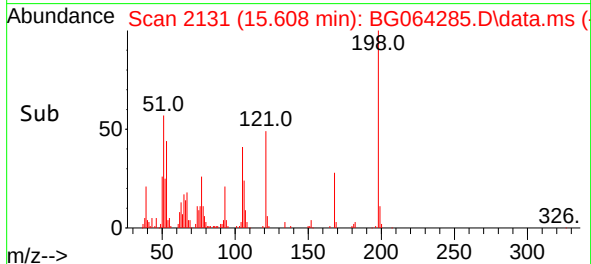
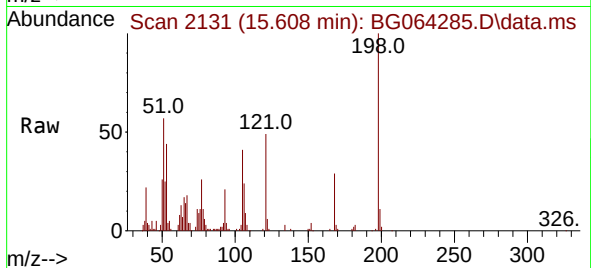




#65
4,6-Dinitro-2-methylphenol
Concen: 55.312 ng
RT: 15.608 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

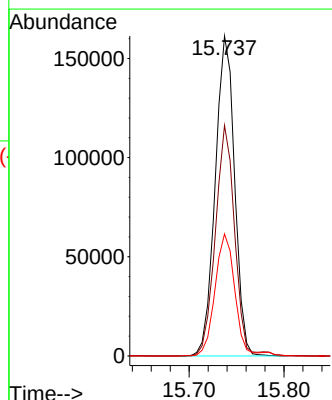
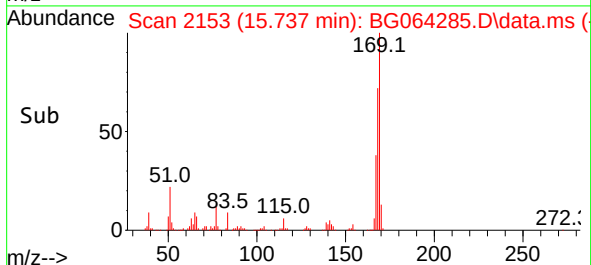
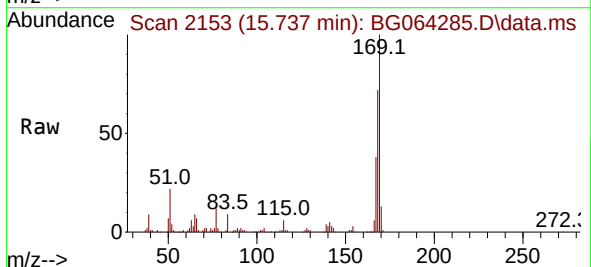
Instrument :
BNA_G
ClientSampleId :
PB169528BS

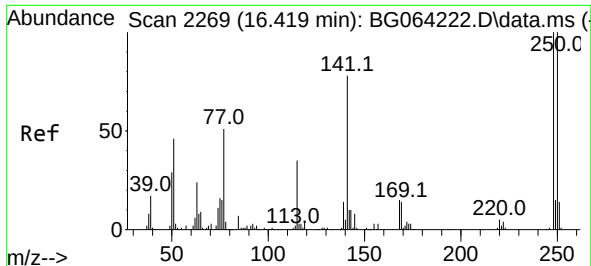
Tgt Ion:198 Resp: 57217
Ion Ratio Lower Upper
198 100
51 57.1 46.2 86.2
105 41.2 25.0 65.0



#66
n-Nitrosodiphenylamine
Concen: 46.225 ng
RT: 15.737 min Scan# 2153
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:169 Resp: 229110
Ion Ratio Lower Upper
169 100
168 72.0 53.8 80.8
167 38.2 30.2 45.2

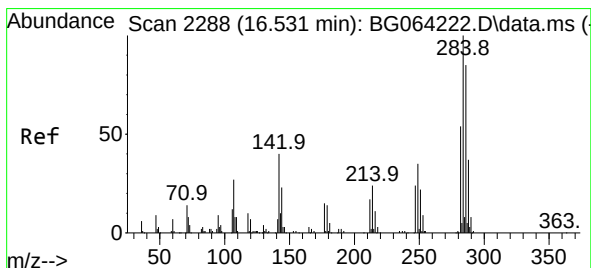
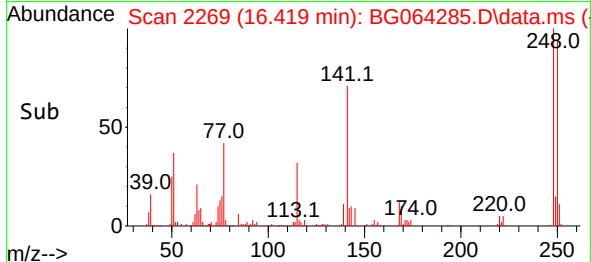
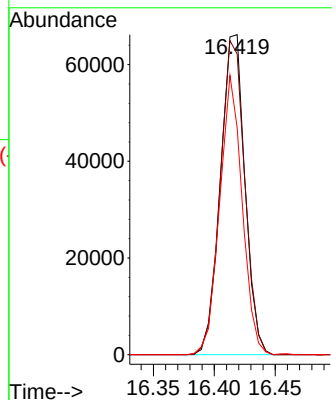
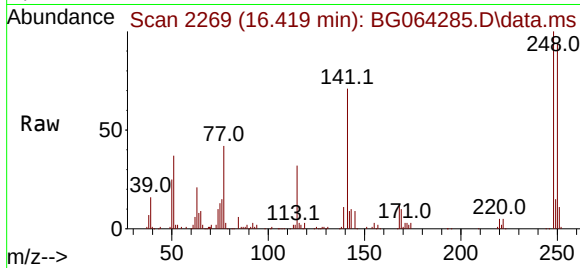




#67
 4-Bromophenyl-phenylether
 Concen: 48.469 ng
 RT: 16.419 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG064285.D
 Acq: 4 Sep 2025 17:23

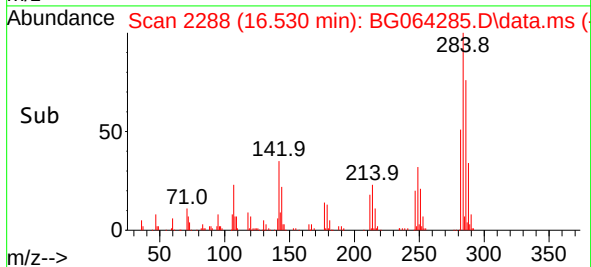
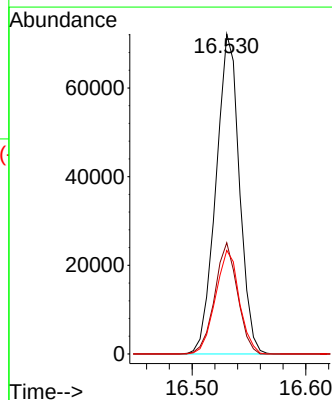
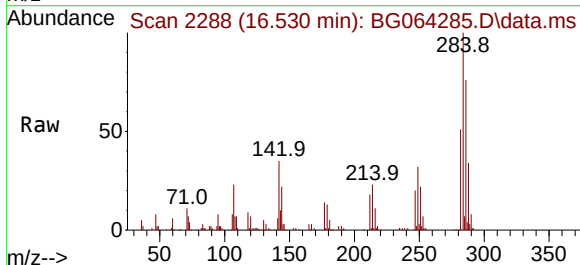
Instrument :
 BNA_G
 ClientSampleId :
 PB169528BS

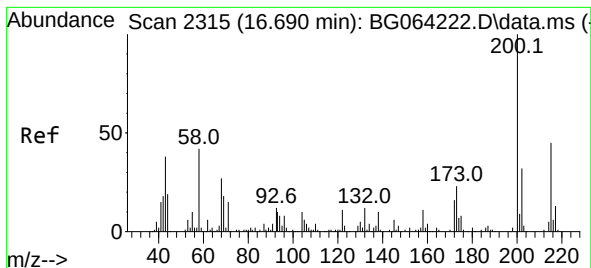
Tgt Ion:248 Resp: 92754
 Ion Ratio Lower Upper
 248 100
 250 94.0 80.2 120.4
 141 71.0 62.4 93.6



#68
 Hexachlorobenzene
 Concen: 48.563 ng
 RT: 16.530 min Scan# 2288
 Delta R.T. -0.007 min
 Lab File: BG064285.D
 Acq: 4 Sep 2025 17:23

Tgt Ion:284 Resp: 103201
 Ion Ratio Lower Upper
 284 100
 142 34.8 32.1 48.1
 249 32.4 28.3 42.5





#69

Atrazine

Concen: 47.773 ng

RT: 16.689 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

Instrument :

BNA_G

ClientSampleId :

PB169528BS

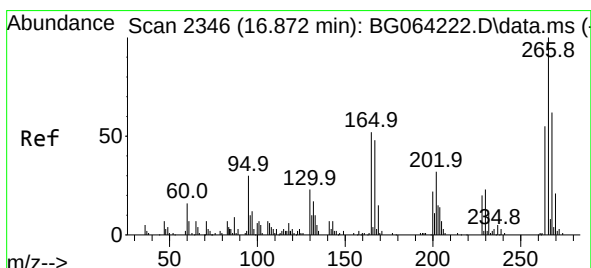
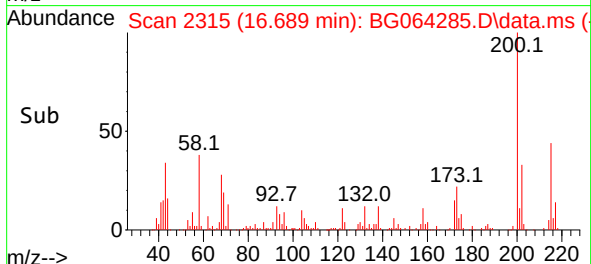
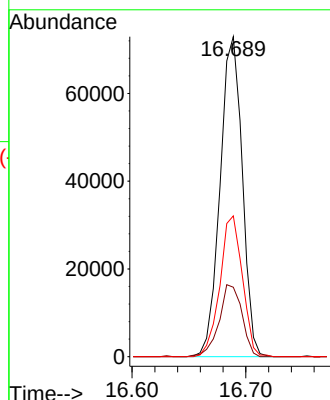
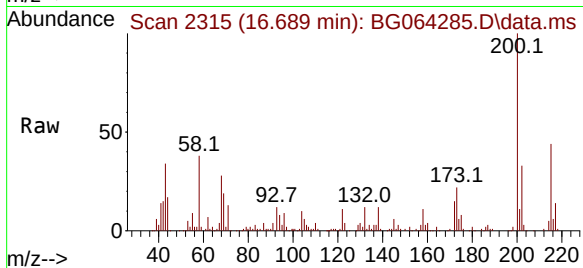
Tgt Ion:200 Resp: 98868

Ion Ratio Lower Upper

200 100

173 21.7 3.5 43.5

215 44.0 24.8 64.8



#70

Pentachlorophenol

Concen: 105.520 ng

RT: 16.877 min Scan# 2347

Delta R.T. -0.001 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

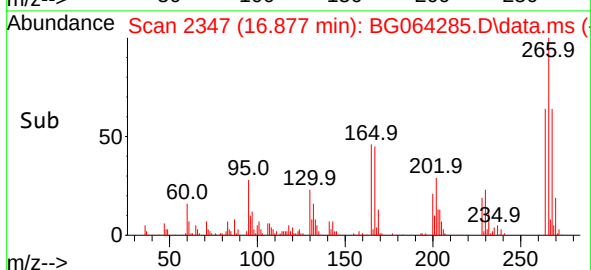
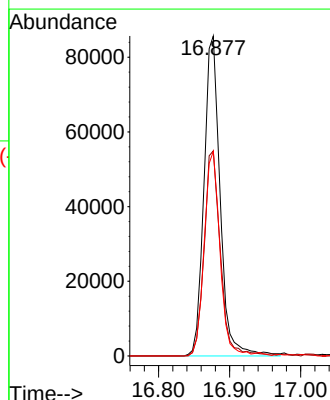
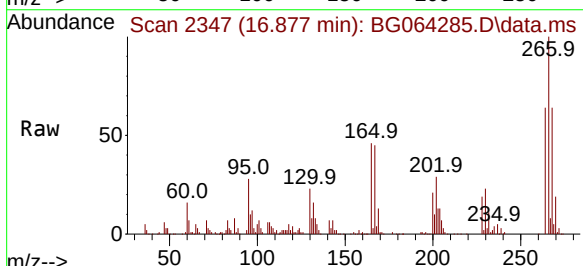
Tgt Ion:266 Resp: 135967

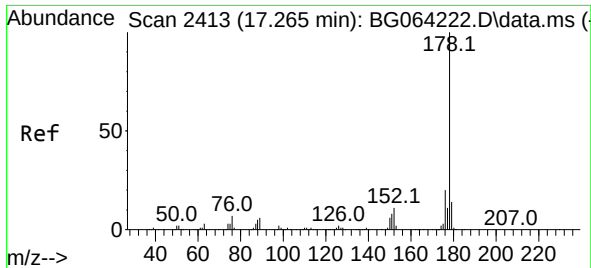
Ion Ratio Lower Upper

266 100

268 64.1 49.4 74.0

264 64.0 44.3 66.5

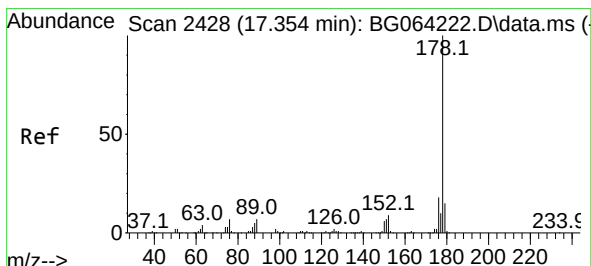
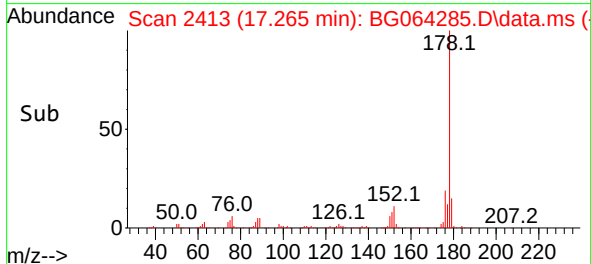
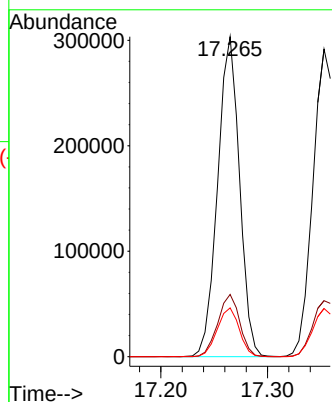
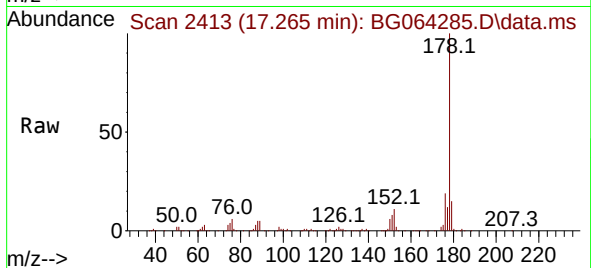




#71
Phenanthrene
Concen: 45.442 ng
RT: 17.265 min Scan# 2413
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

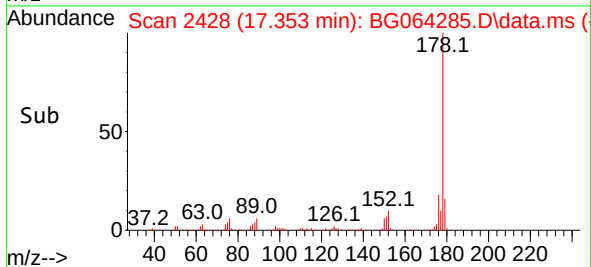
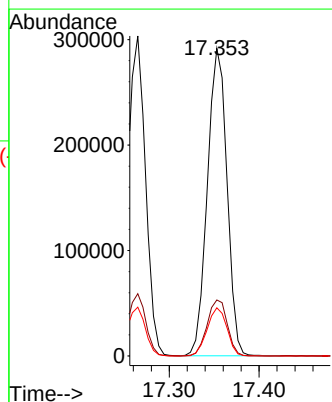
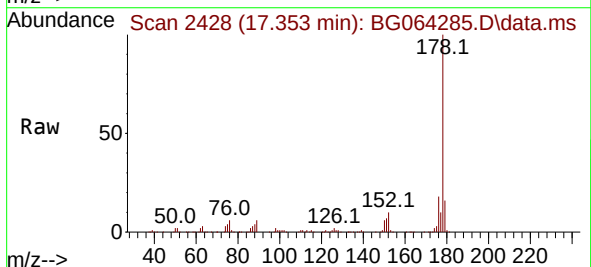
Instrument :
BNA_G
ClientSampleId :
PB169528BS

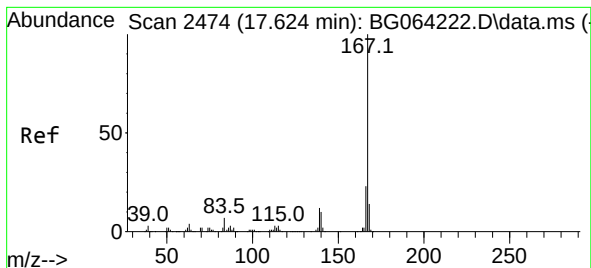
Tgt Ion:178 Resp: 431834
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.3 11.4 17.2



#72
Anthracene
Concen: 45.731 ng
RT: 17.353 min Scan# 2428
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:178 Resp: 442063
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.7 12.1 18.1





#73

Carbazole

Concen: 46.261 ng

RT: 17.623 min Scan# 2474

Delta R.T. -0.001 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

Instrument :

BNA_G

ClientSampleId :

PB169528BS

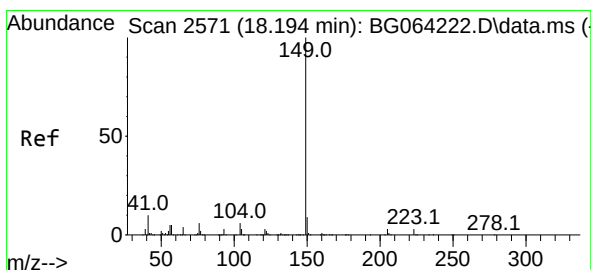
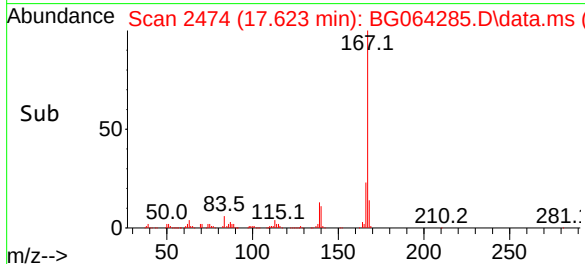
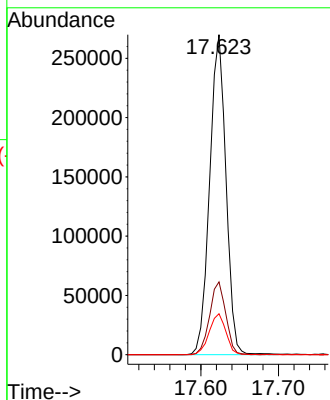
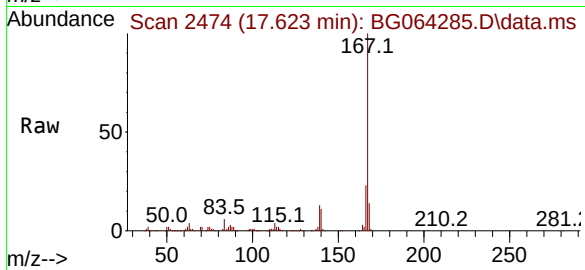
Tgt Ion:167 Resp: 393948

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

139 12.8 9.8 14.6



#74

Di-n-butylphthalate

Concen: 46.163 ng

RT: 18.187 min Scan# 2570

Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

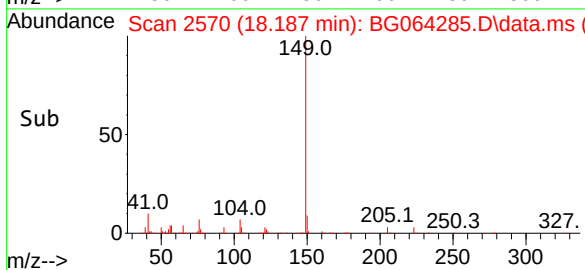
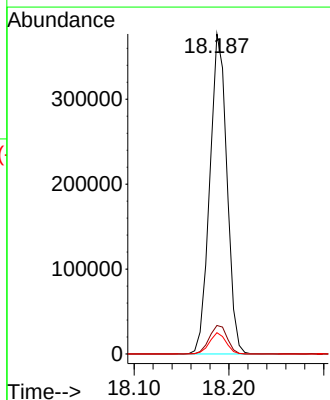
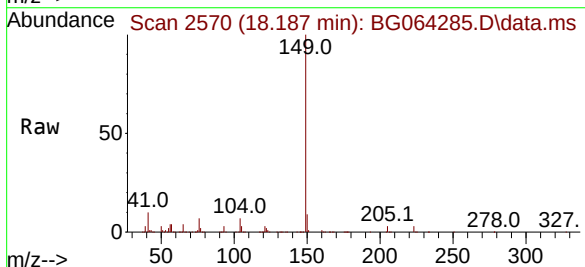
Tgt Ion:149 Resp: 472287

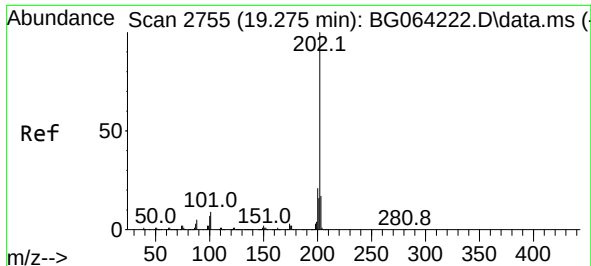
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

104 6.6 4.6 7.0

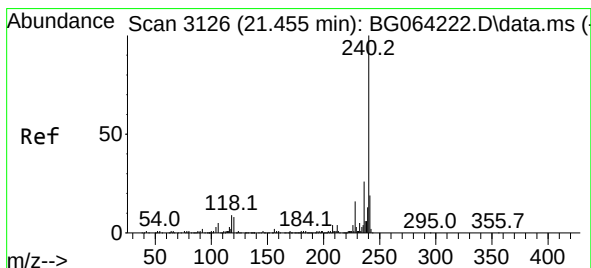
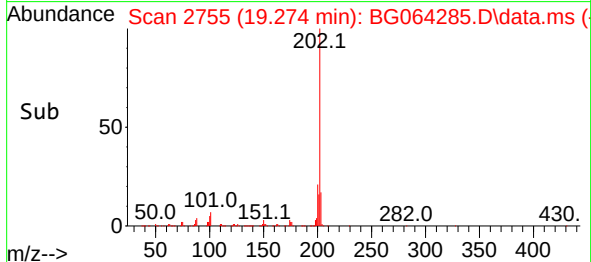
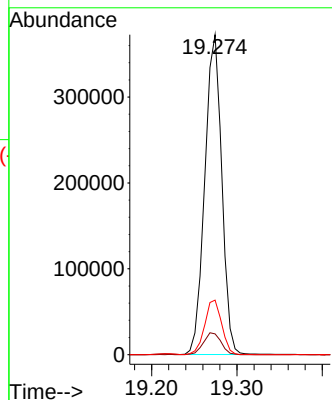
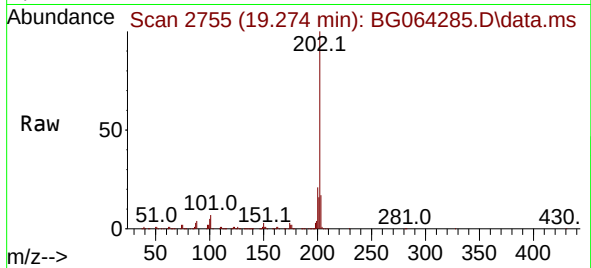




#75
Fluoranthene
Concen: 46.023 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

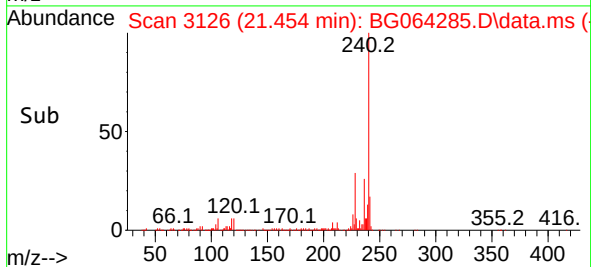
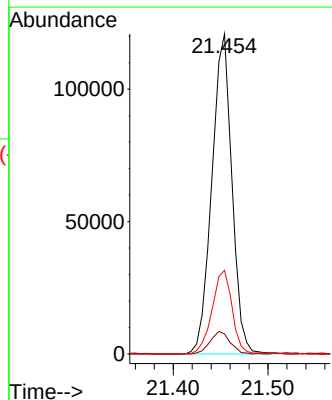
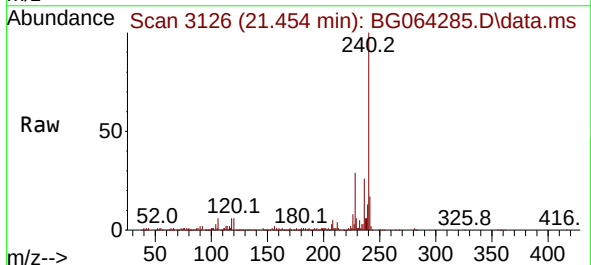
Instrument :
BNA_G
ClientSampleId :
PB169528BS

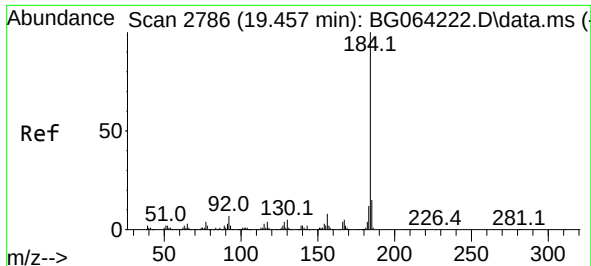
Tgt Ion:202 Resp: 514249
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.7
203 17.0 0.0 36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:240 Resp: 177813
Ion Ratio Lower Upper
240 100
120 6.2 6.2 9.4#
236 26.2 20.5 30.7

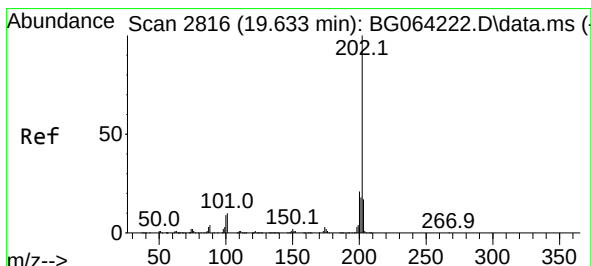
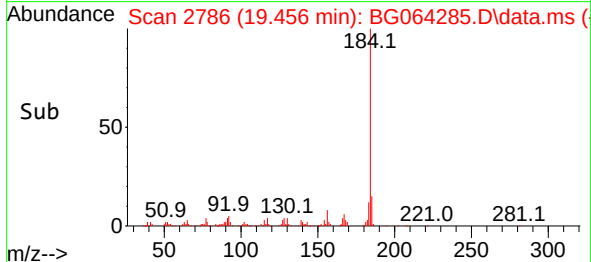
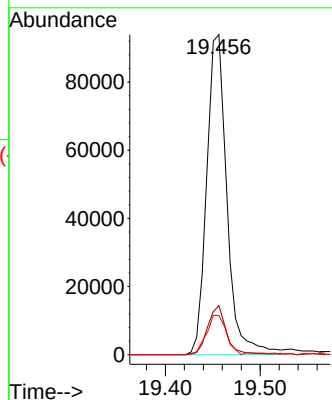
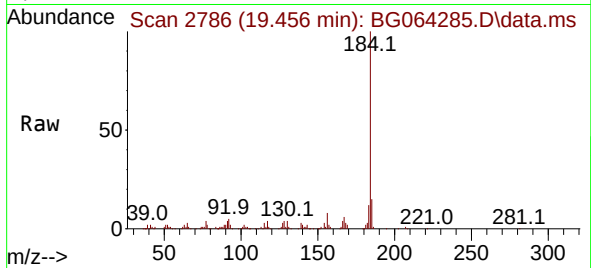




#77
Benzidine
Concen: 37.247 ng
RT: 19.456 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

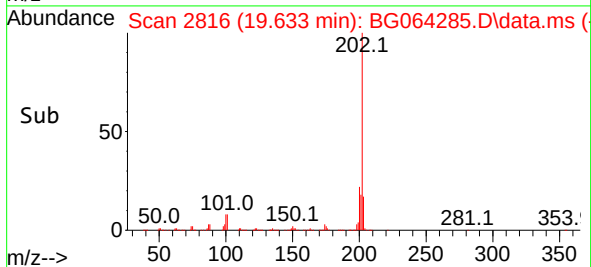
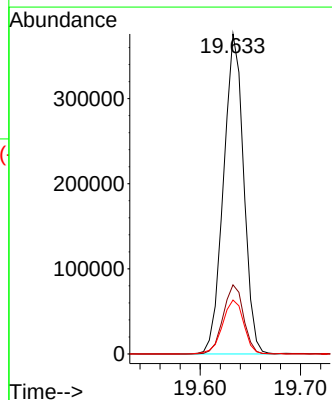
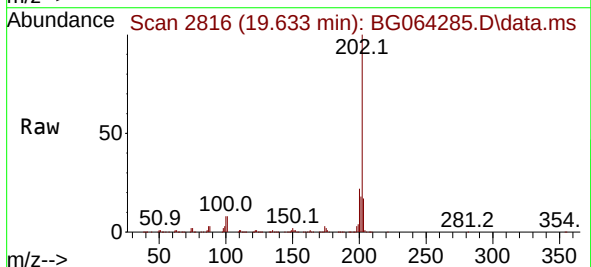
Instrument :
BNA_G
ClientSampleId :
PB169528BS

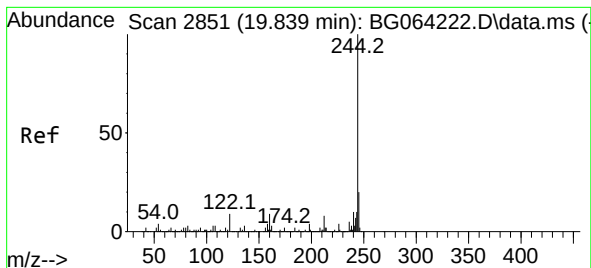
Tgt Ion:184 Resp: 139324
Ion Ratio Lower Upper
184 100
185 15.3 11.7 17.5
183 12.2 9.7 14.5



#78
Pyrene
Concen: 46.767 ng
RT: 19.633 min Scan# 2816
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:202 Resp: 523905
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 16.9 13.8 20.8





#79

Terphenyl-d14

Concen: 97.502 ng

RT: 19.838 min Scan# 2851

Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

Instrument :

BNA_G

ClientSampleId :

PB169528BS

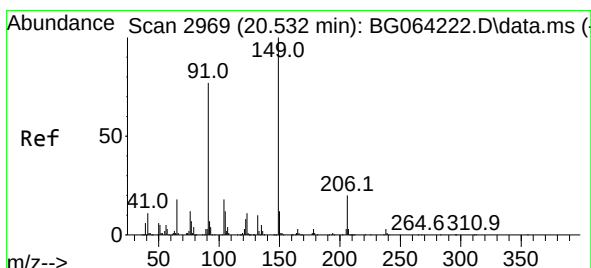
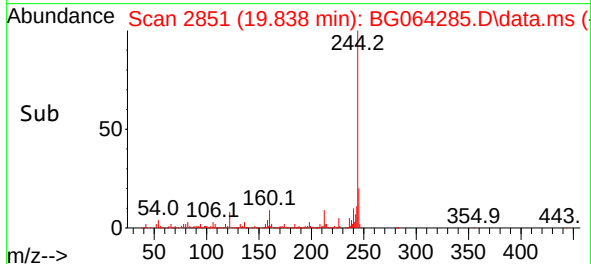
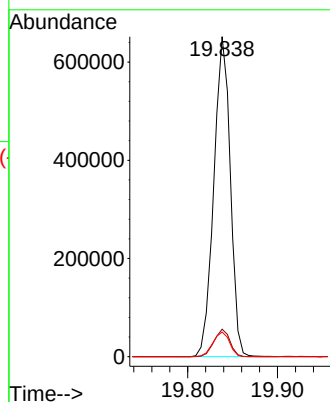
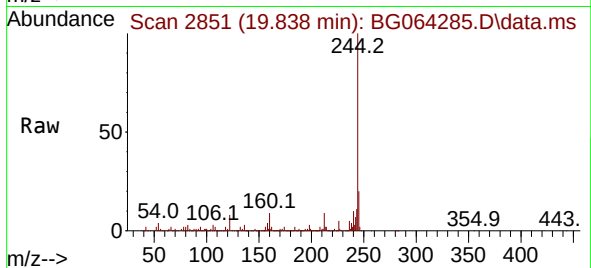
Tgt Ion:244 Resp: 830980

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

122 7.7 7.0 10.6



#80

Butylbenzylphthalate

Concen: 50.297 ng

RT: 20.532 min Scan# 2969

Delta R.T. -0.001 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

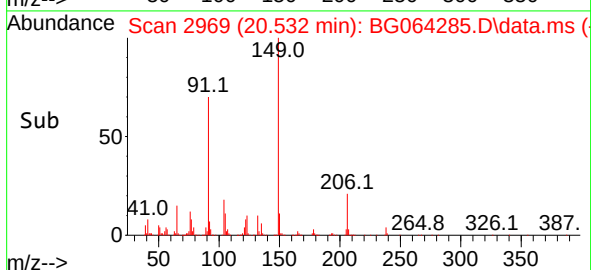
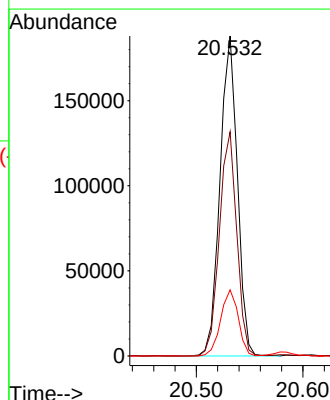
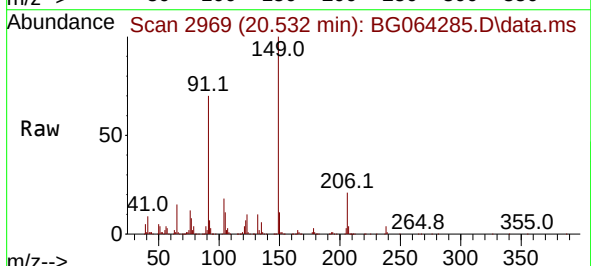
Tgt Ion:149 Resp: 212518

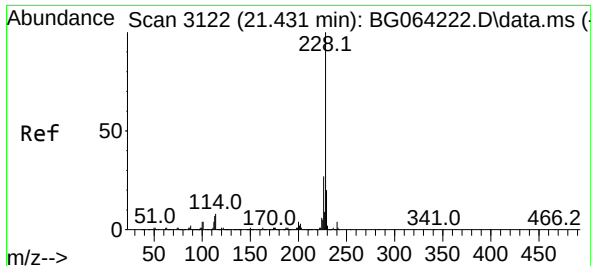
Ion Ratio Lower Upper

149 100

91 70.0 61.4 92.0

206 20.6 15.8 23.6

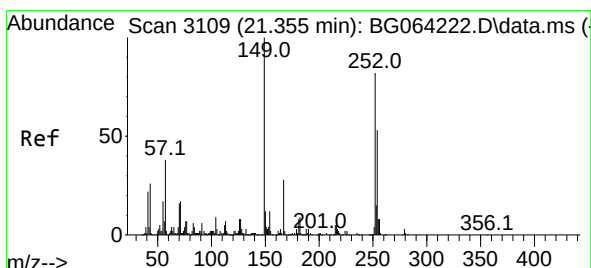
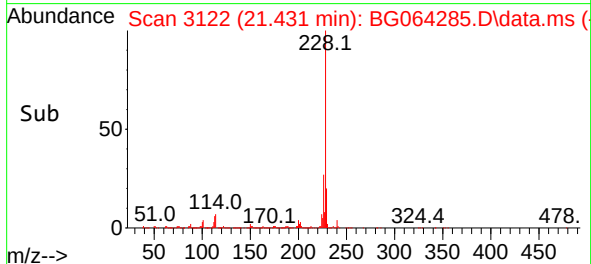
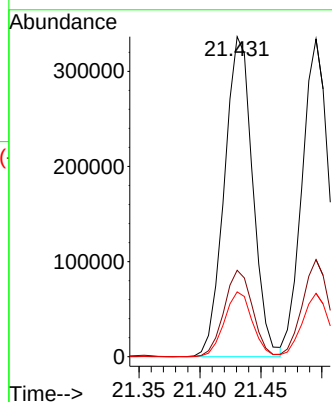
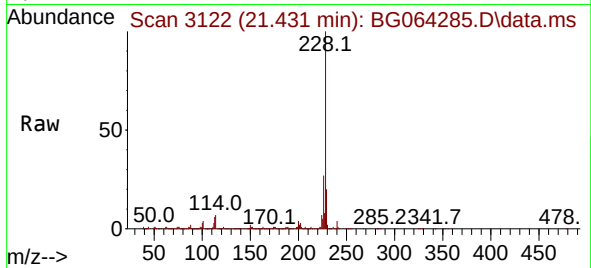




#81
Benzo(a)anthracene
Concen: 47.798 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

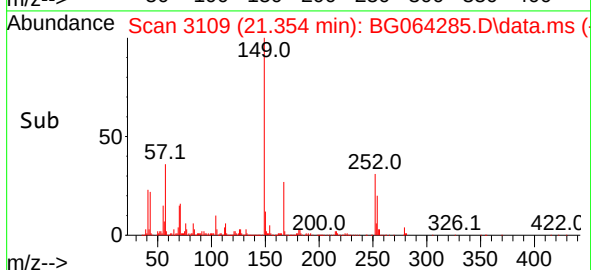
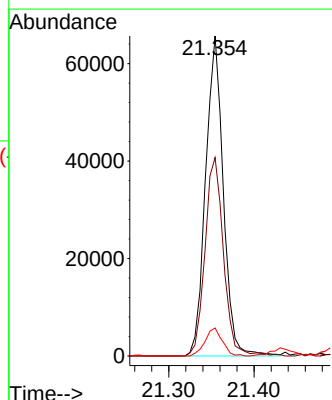
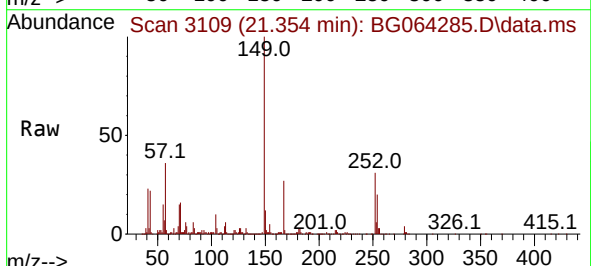
Instrument :
BNA_G
ClientSampleId :
PB169528BS

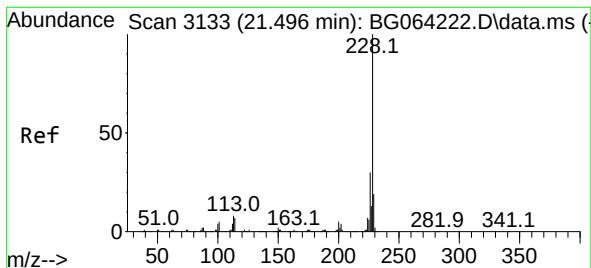
Tgt Ion:228 Resp: 543742
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 20.3 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 25.592 ng
RT: 21.354 min Scan# 3109
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:252 Resp: 94815
Ion Ratio Lower Upper
252 100
254 62.0 51.9 77.9
126 8.7 7.6 11.4





#83

Chrysene

Concen: 46.599 ng

RT: 21.495 min Scan# 3133

Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

Instrument :

BNA_G

ClientSampleId :

PB169528BS

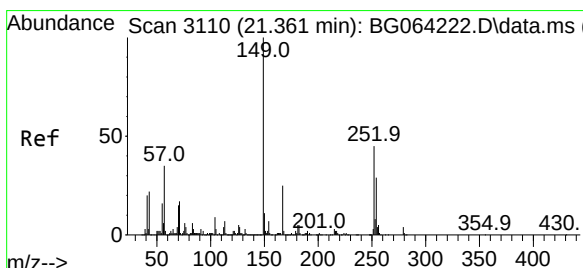
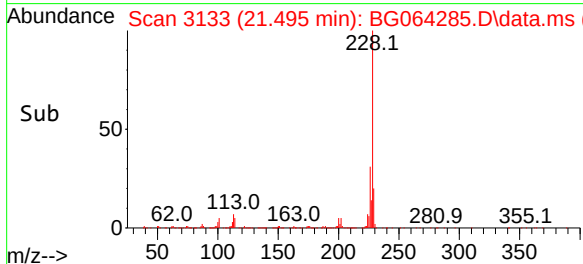
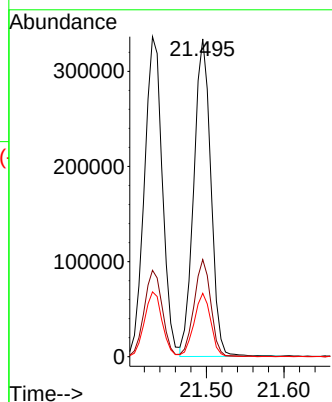
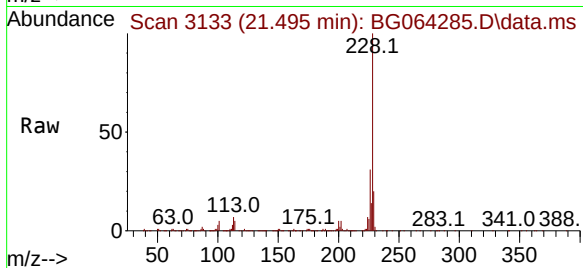
Tgt Ion:228 Resp: 508906

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.9 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.047 ng

RT: 21.360 min Scan# 3110

Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

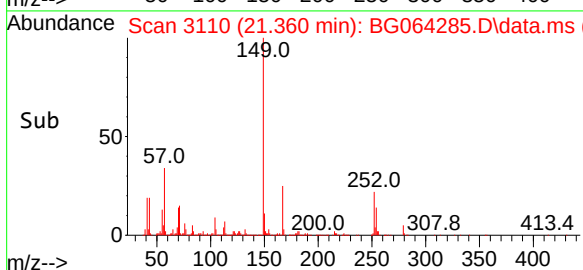
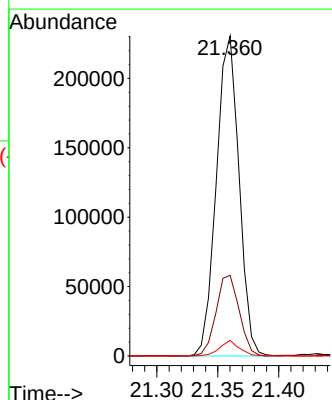
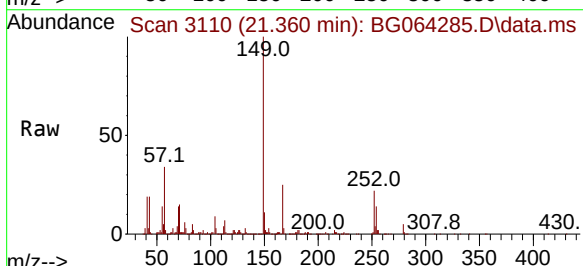
Tgt Ion:149 Resp: 298447

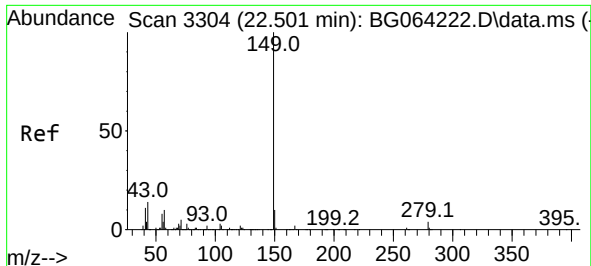
Ion Ratio Lower Upper

149 100

167 25.2 20.0 30.0

279 4.9 3.0 4.4#

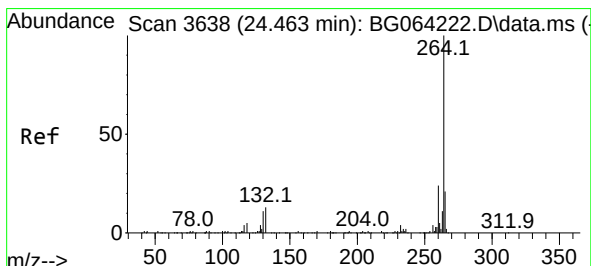
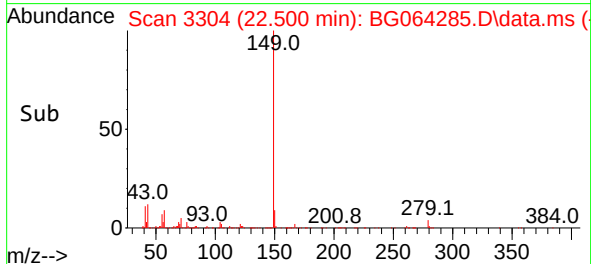
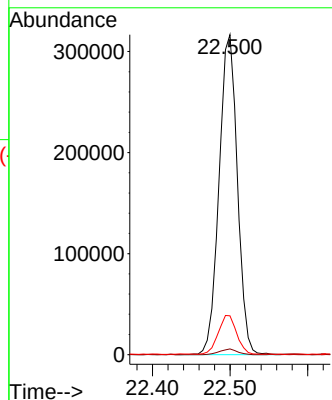
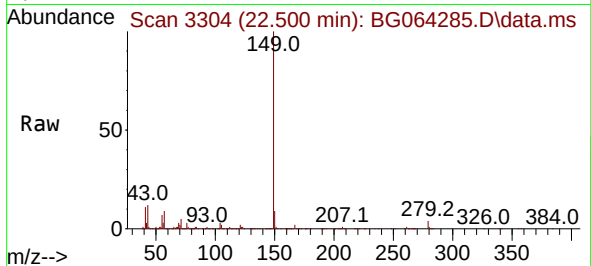




#85
Di-n-octyl phthalate
Concen: 47.092 ng
RT: 22.500 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

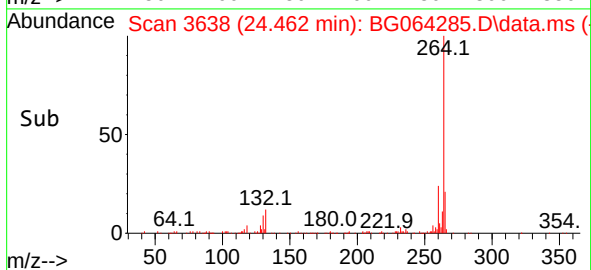
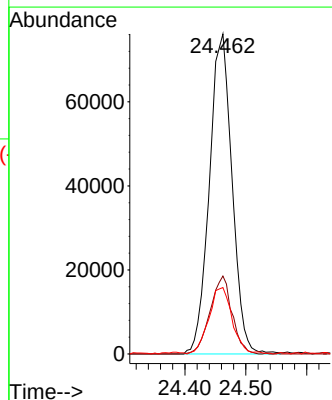
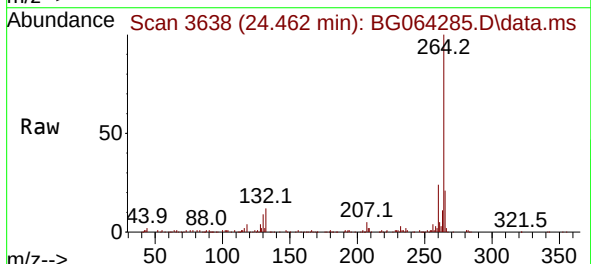
Instrument :
BNA_G
ClientSampleId :
PB169528BS

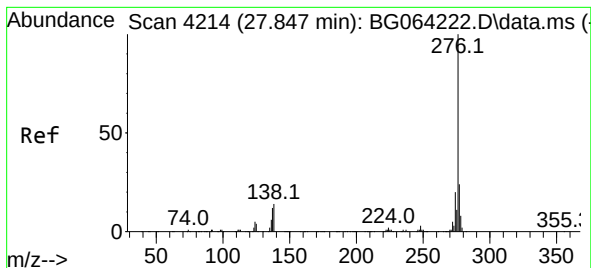
Tgt Ion:149 Resp: 520514
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.1 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3638
Delta R.T. -0.001 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:264 Resp: 197000
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 20.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.025 ng

RT: 27.847 min Scan# 41

Delta R.T. -0.024 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

Instrument :

BNA_G

ClientSampleId :

PB169528BS

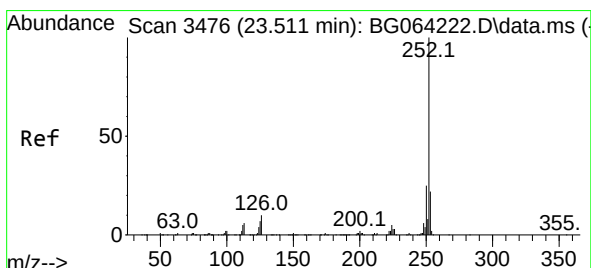
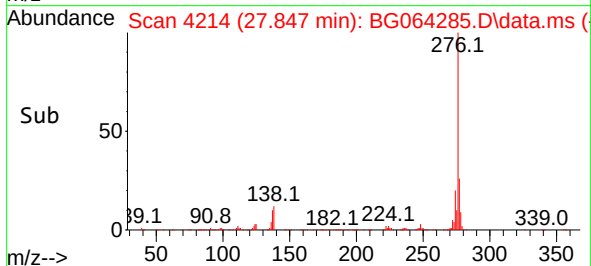
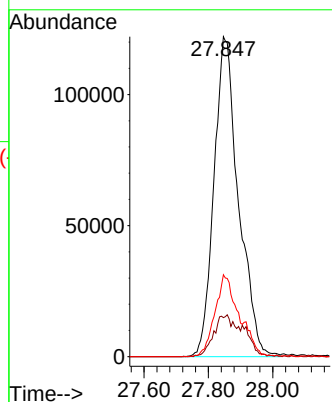
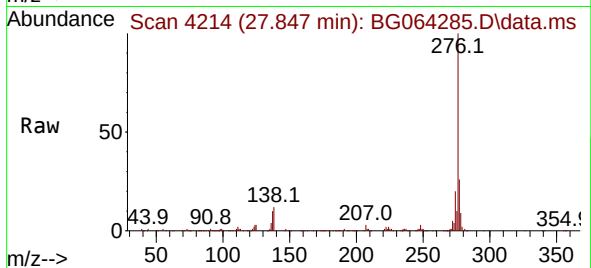
Tgt Ion:276 Resp: 646102

Ion Ratio Lower Upper

276 100

138 5.7 7.4 11.0#

277 25.4 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 47.254 ng

RT: 23.510 min Scan# 3476

Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

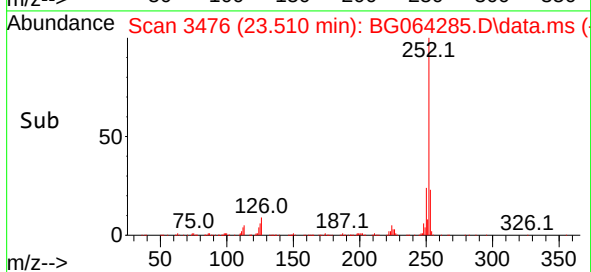
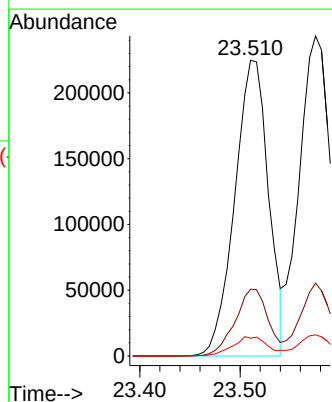
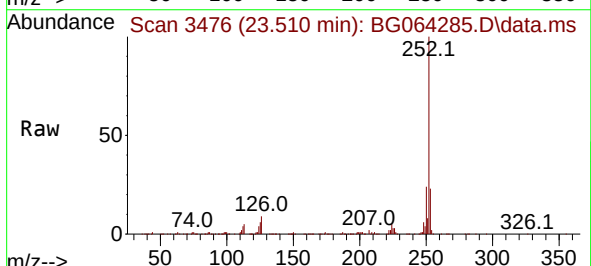
Tgt Ion:252 Resp: 525396

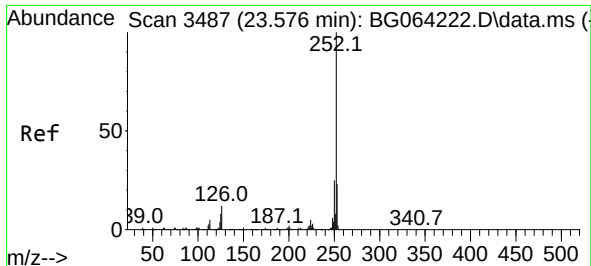
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 6.0 5.9 8.9

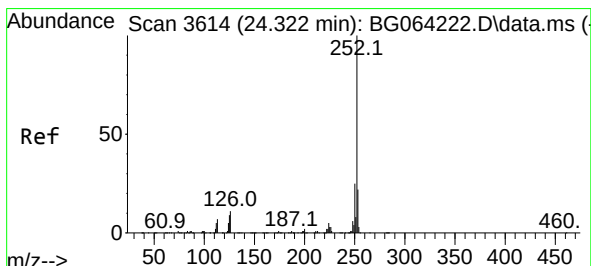
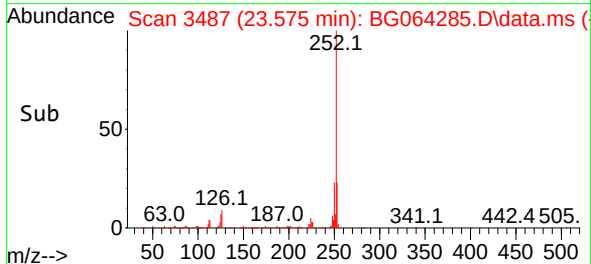
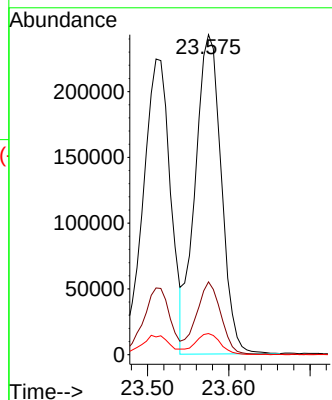
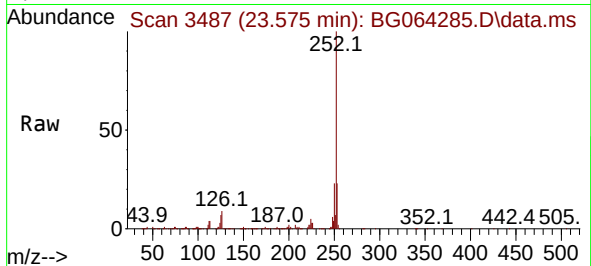




#89
Benzo(k)fluoranthene
Concen: 47.783 ng
RT: 23.575 min Scan# 3487
Delta R.T. -0.013 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

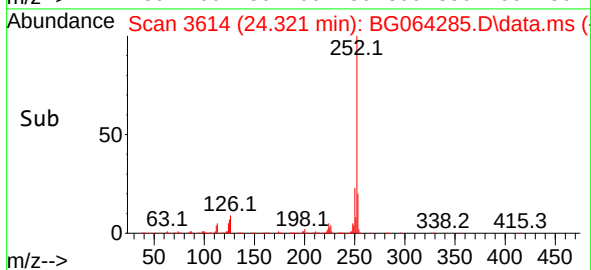
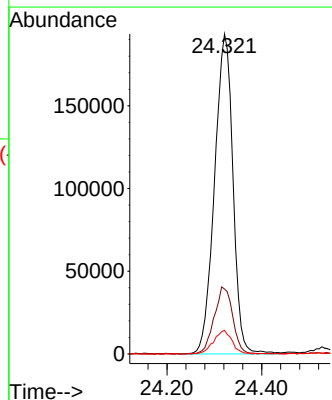
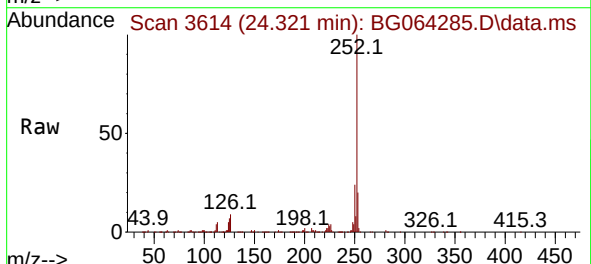
Instrument :
BNA_G
ClientSampleId :
PB169528BS

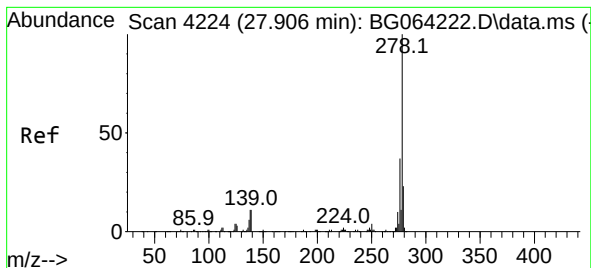
Tgt Ion:252 Resp: 541248
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 6.6 7.0 10.4#



#90
Benzo(a)pyrene
Concen: 50.423 ng
RT: 24.321 min Scan# 3614
Delta R.T. -0.007 min
Lab File: BG064285.D
Acq: 4 Sep 2025 17:23

Tgt Ion:252 Resp: 521510
Ion Ratio Lower Upper
252 100
253 20.3 17.4 26.2
125 7.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 48.861 ng

RT: 27.917 min Scan# 41

Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

Instrument :

BNA_G

ClientSampleId :

PB169528BS

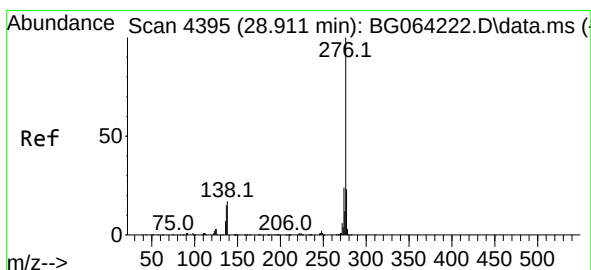
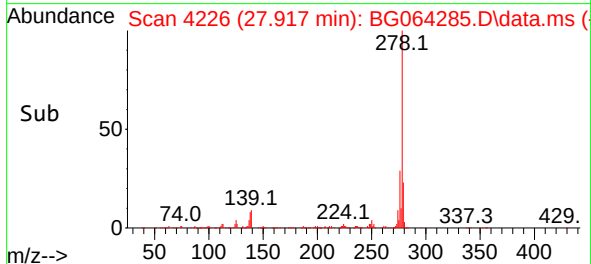
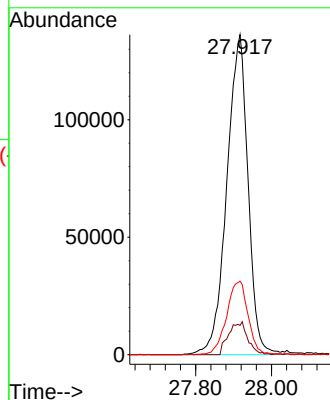
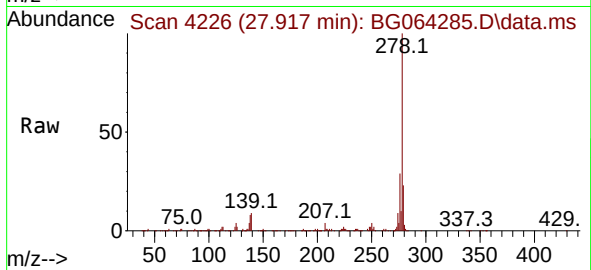
Tgt Ion:278 Resp: 527785

Ion Ratio Lower Upper

278 100

139 9.2 9.0 13.4

279 22.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 48.772 ng

RT: 28.910 min Scan# 4395

Delta R.T. -0.024 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

Tgt Ion:276 Resp: 512638

Ion Ratio Lower Upper

276 100

277 22.9 18.2 27.4

138 13.6 13.3 19.9

