

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
 Data File : BP024996.D
 Acq On : 18 Jun 2025 16:08
 Operator : RC/JU
 Sample : Q2311-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP03-MH2MH3-WCMSD

Quant Time: Jun 18 16:51:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	249503	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	991534	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	622454	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1221720	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1225335	20.000	ng	0.02
86) Perylene-d12	24.783	264	1418513	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2075135	138.829	ng	0.00
7) Phenol-d6	6.814	99	2455734	124.171	ng	0.00
23) Nitrobenzene-d5	8.761	82	1771576	86.821	ng	0.00
42) 2,4,6-Tribromophenol	15.790	330	1257682	146.144	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3890563	84.200	ng	0.00
79) Terphenyl-d14	19.789	244	6126939	89.616	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.173	88	246625	37.498	ng	# 60
3) Pyridine	3.578	79	640771	40.511	ng	99
4) n-Nitrosodimethylamine	3.478	42	278993	43.144	ng	96
6) Aniline	6.949	93	638457	25.297	ng	99
8) 2-Chlorophenol	7.184	128	814374	48.060	ng	98
9) Benzaldehyde	6.766	77	434036	38.076	ng	96
10) Phenol	6.843	94	871121	42.727	ng	97
11) bis(2-Chloroethyl)ether	7.037	93	760318	47.415	ng	99
12) 1,3-Dichlorobenzene	7.490	146	824257	43.604	ng	99
13) 1,4-Dichlorobenzene	7.637	146	833022	43.675	ng	99
14) 1,2-Dichlorobenzene	7.949	146	805009	42.981	ng	99
15) Benzyl Alcohol	7.861	79	729308	48.049	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.113	45	951277	45.325	ng	100
17) 2-Methylphenol	8.072	107	663942	46.634	ng	98
18) Hexachloroethane	8.661	117	313993	43.726	ng	97
19) n-Nitroso-di-n-propyla...	8.408	70	596881	44.395	ng	99
20) 3+4-Methylphenols	8.402	107	888998	45.768	ng	95
22) Acetophenone	8.425	105	1173608	46.848	ng	# 99
24) Nitrobenzene	8.802	77	868449	47.908	ng	99
25) Isophorone	9.319	82	1689992	47.789	ng	100
26) 2-Nitrophenol	9.508	139	451987	50.534	ng	95
27) 2,4-Dimethylphenol	9.578	122	763550	49.881	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	1019992	48.352	ng	99
29) 2,4-Dichlorophenol	10.066	162	762149	51.891	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	764133	46.127	ng	99
31) Naphthalene	10.425	128	2369776	46.638	ng	100
32) Benzoic acid	9.772	122	348211	33.663	ng	97
33) 4-Chloroaniline	10.560	127	340723	16.005	ng	99
34) Hexachlorobutadiene	10.702	225	457372	45.808	ng	99
35) Caprolactam	11.366	113	228767	42.313	ng	95
36) 4-Chloro-3-methylphenol	11.707	107	864238	51.015	ng	99
37) 2-Methylnaphthalene	12.043	142	1518134	47.101	ng	100
38) 1-Methylnaphthalene	12.272	142	1599996	46.432	ng	98
40) 1,2,4,5-Tetrachloroben...	12.419	216	840221	47.571	ng	100
41) Hexachlorocyclopentadiene	12.390	237	841936	78.153	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	605918	51.083	ng	97

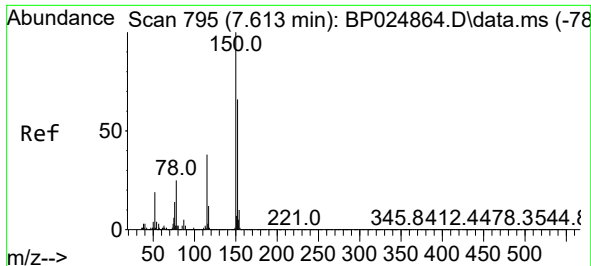
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 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	679498	53.491	ng	98
46) 1,1'-Biphenyl	13.066	154	2182891	48.256	ng	99
47) 2-Chloronaphthalene	13.113	162	1679403	48.305	ng	99
48) 2-Nitroaniline	13.343	65	559525	52.348	ng	95
49) Acenaphthylene	13.972	152	2821844	48.678	ng	100
50) Dimethylphthalate	13.713	163	2363636	51.476	ng	100
51) 2,6-Dinitrotoluene	13.843	165	504725	50.988	ng	99
52) Acenaphthene	14.319	154	1604401	48.299	ng	99
53) 3-Nitroaniline	14.190	138	256153	24.936	ng	100
54) 2,4-Dinitrophenol	14.413	184	420434	66.254	ng	97
55) Dibenzofuran	14.660	168	2579024	48.368	ng	99
56) 4-Nitrophenol	14.560	139	643965	74.450	ng	94
57) 2,4-Dinitrotoluene	14.654	165	722255	52.160	ng	95
58) Fluorene	15.325	166	2103648	48.838	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.913	232	588859	51.883	ng	100
60) Diethylphthalate	15.095	149	2317519	50.643	ng	99
61) 4-Chlorophenyl-phenylether	15.313	204	1015205	48.203	ng	97
62) 4-Nitroaniline	15.378	138	478495	51.372	ng	92
63) Azobenzene	15.613	77	2112572	50.335	ng	99
65) 4,6-Dinitro-2-methylph...	15.443	198	352362	43.893	ng	94
66) n-Nitrosodiphenylamine	15.543	169	1834760	48.452	ng	100
67) 4-Bromophenyl-phenylether	16.237	248	671068	48.681	ng	97
68) Hexachlorobenzene	16.354	284	812187	48.601	ng	99
69) Atrazine	16.531	200	697843	50.835	ng	99
70) Pentachlorophenol	16.725	266	995226	115.069	ng	98
71) Phenanthrene	17.107	178	3317207	49.134	ng	99
72) Anthracene	17.195	178	3376496	49.381	ng	99
73) Carbazole	17.489	167	3176084	50.113	ng	100
74) Di-n-butylphthalate	18.072	149	4083712	52.006	ng	99
75) Fluoranthene	19.201	202	3837761	49.044	ng	99
77) Benzidine	19.401	184	939167	24.747	ng	99
78) Pyrene	19.578	202	3986111	52.071	ng	100
80) Butylbenzylphthalate	20.519	149	1849033	52.732	ng	97
81) Benzo(a)anthracene	21.483	228	3927206	50.111	ng	99
82) 3,3'-Dichlorobenzidine	21.407	252	901042	28.960	ng	99
83) Chrysene	21.548	228	3684987	49.624	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2736053	54.460	ng	100
85) Di-n-octyl phthalate	22.648	149	4678984	52.839	ng	100
87) Indeno(1,2,3-cd)pyrene	28.495	276	5262749	50.849	ng	# 92
88) Benzo(b)fluoranthene	23.736	252	4057979m	49.986	ng	
89) Benzo(k)fluoranthene	23.801	252	4285746	51.863	ng	99
90) Benzo(a)pyrene	24.619	252	4036759	50.917	ng	99
91) Dibenzo(a,h)anthracene	28.554	278	4324889	51.337	ng	100
92) Benzo(g,h,i)perylene	29.648	276	4184549	50.062	ng	98

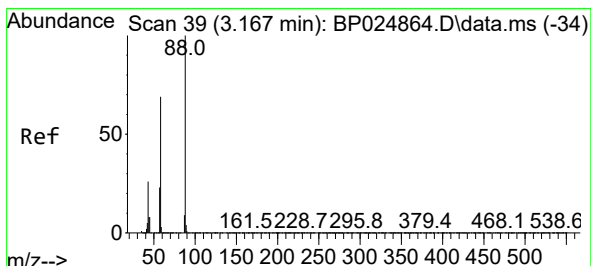
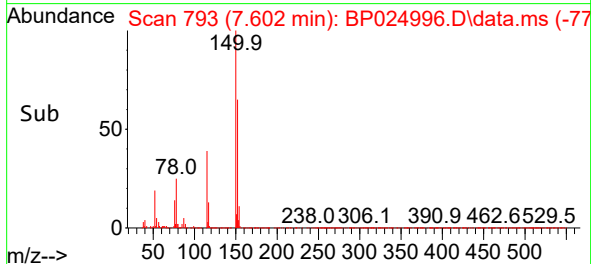
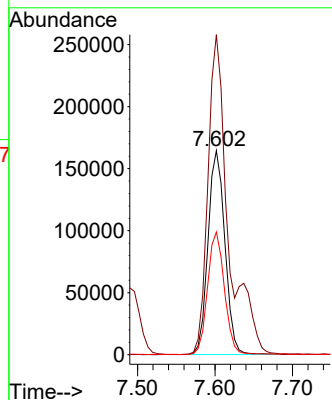
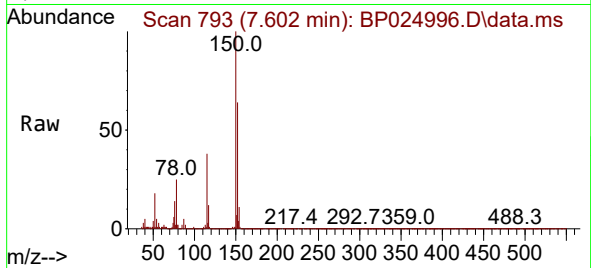
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.602 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BP024996.D
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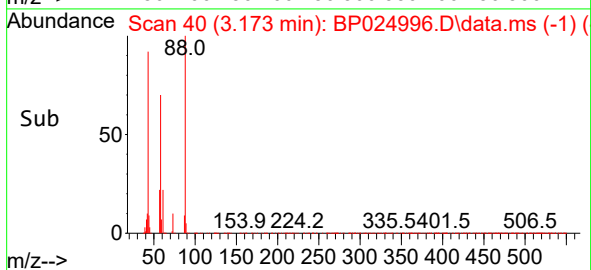
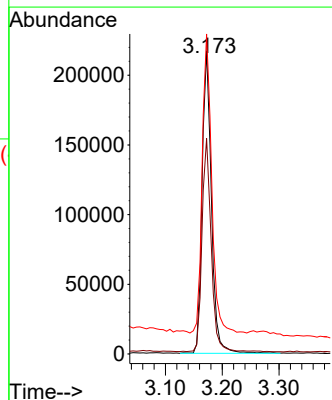
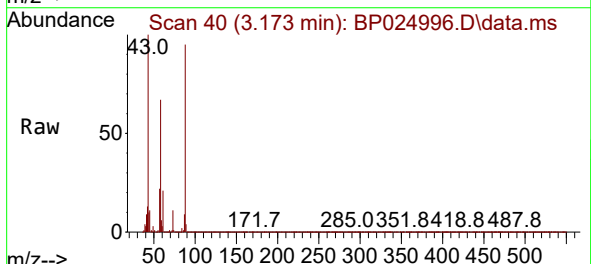
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 TP03-MH2MH3-WCMSD

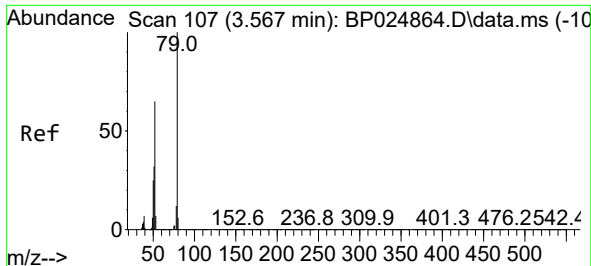
Tgt Ion:152 Resp: 249503
 Ion Ratio Lower Upper
 152 100
 150 156.8 122.1 183.1
 115 60.2 46.4 69.6



#2
 1,4-Dioxane
 Concen: 37.498 ng
 RT: 3.173 min Scan# 40
 Delta R.T. 0.006 min
 Lab File: BP024996.D
 Acq: 18 Jun 2025 16:08

Tgt Ion: 88 Resp: 246625
 Ion Ratio Lower Upper
 88 100
 58 69.2 55.4 83.0
 43 100.9 20.8 31.2#

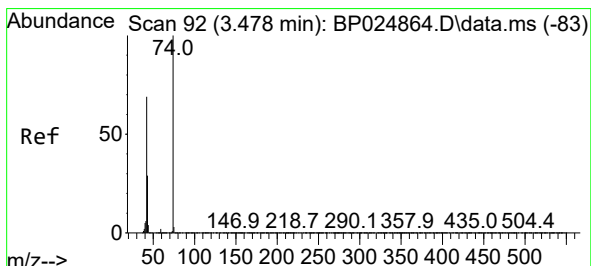
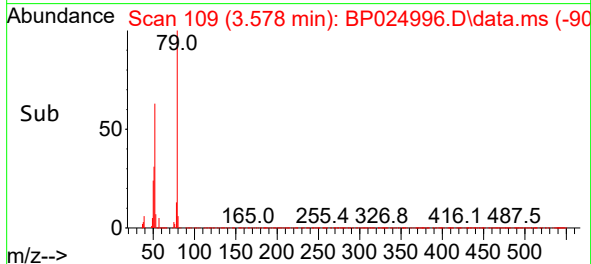
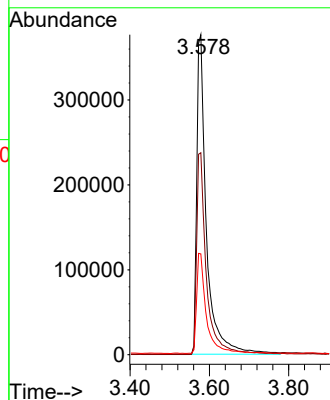
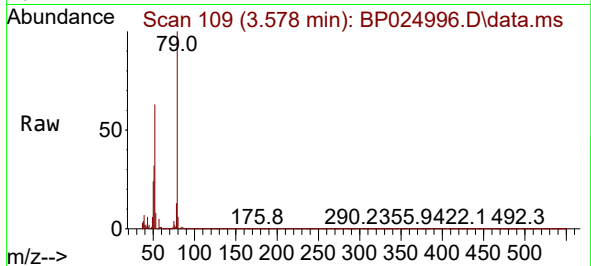




#3
Pyridine
Concen: 40.511 ng
RT: 3.578 min Scan# 107
Delta R.T. 0.012 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

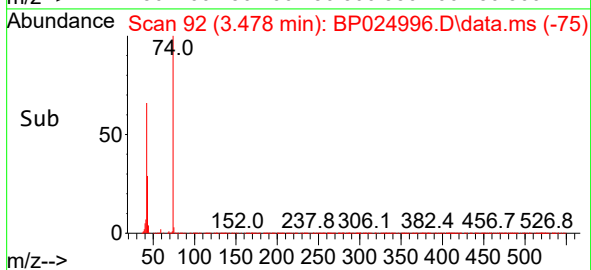
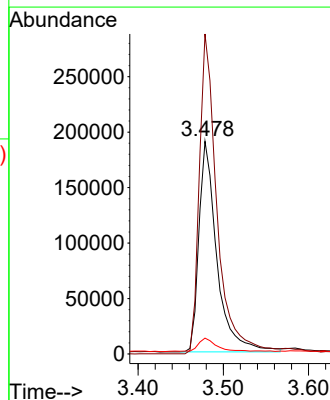
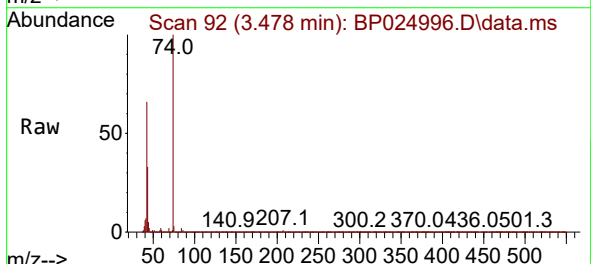
Instrument :
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ClientSampleId :
TP03-MH2MH3-WCMSD

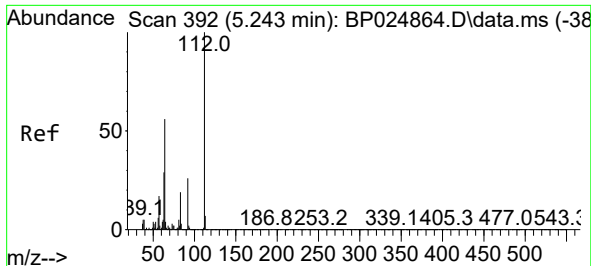
Tgt Ion: 79 Resp: 640771
Ion Ratio Lower Upper
79 100
52 63.1 51.6 77.4
51 31.5 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 43.144 ng
RT: 3.478 min Scan# 92
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion: 42 Resp: 278993
Ion Ratio Lower Upper
42 100
74 150.5 116.6 174.8
44 7.5 5.4 8.0

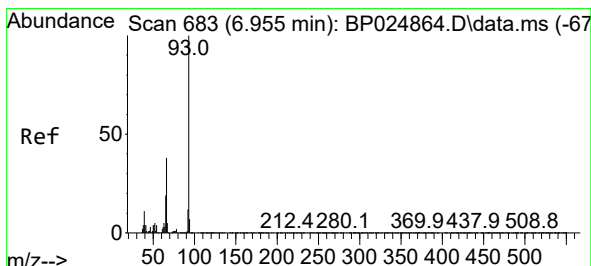
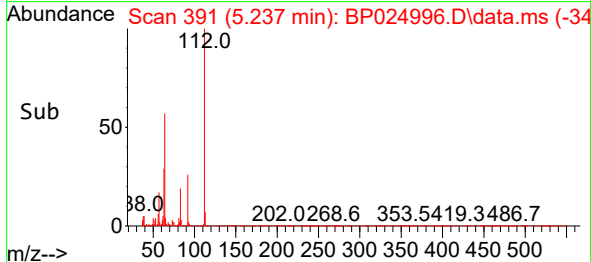
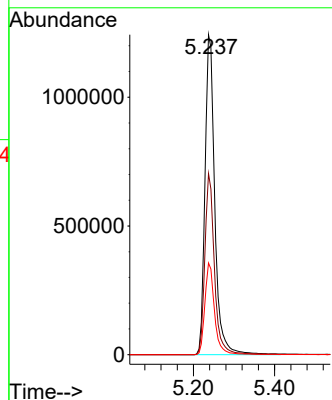
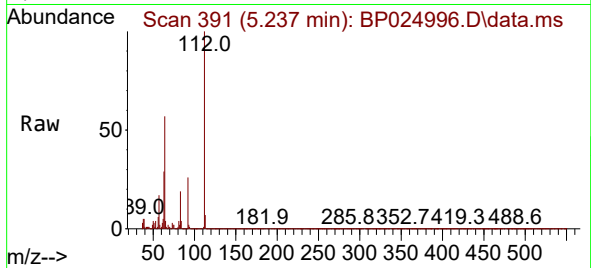




#5
2-Fluorophenol
Concen: 138.829 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

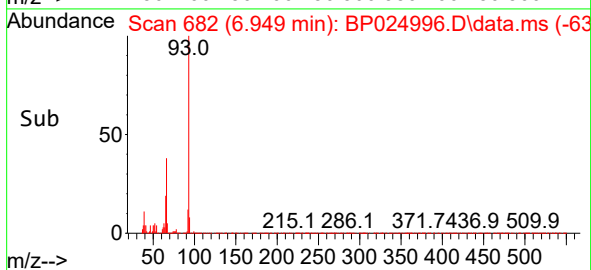
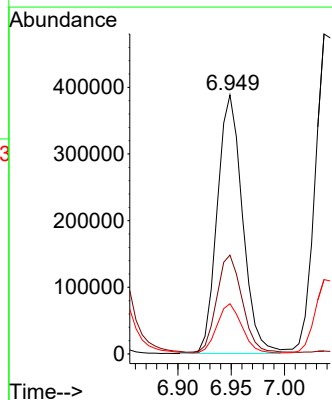
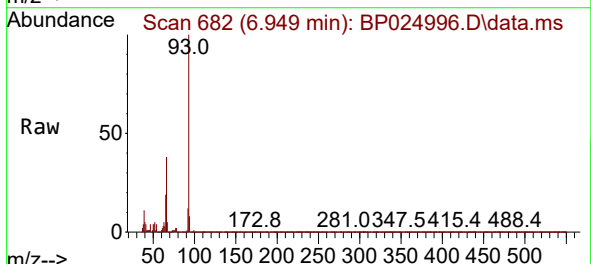
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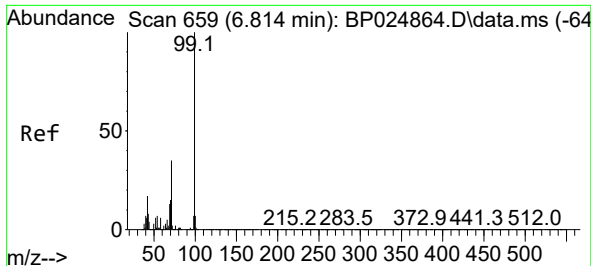
Tgt Ion:112 Resp: 2075135
Ion Ratio Lower Upper
112 100
64 56.6 44.7 67.1
63 28.7 23.5 35.3



#6
Aniline
Concen: 25.297 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion: 93 Resp: 638457
Ion Ratio Lower Upper
93 100
66 38.1 30.9 46.3
65 19.4 15.5 23.3

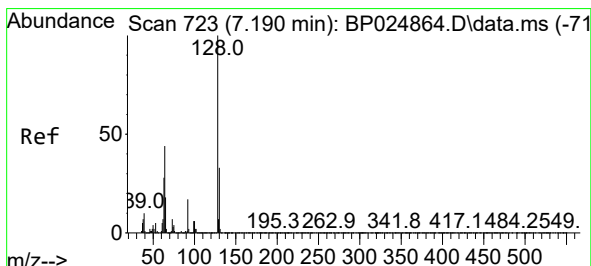
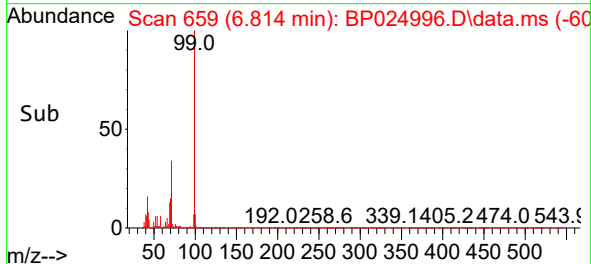
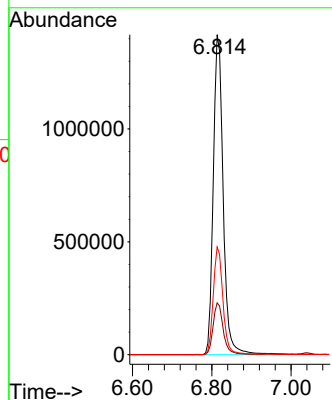
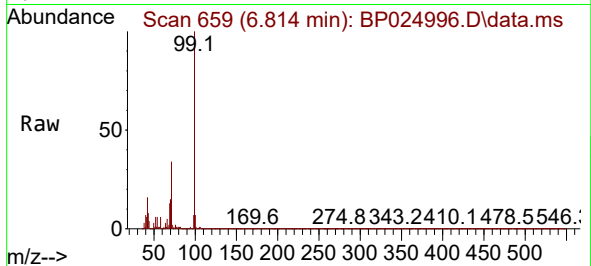




#7
Phenol-d6
Concen: 124.171 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

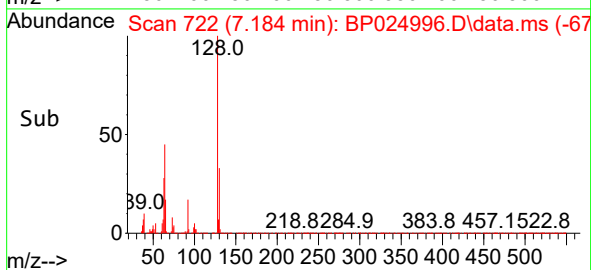
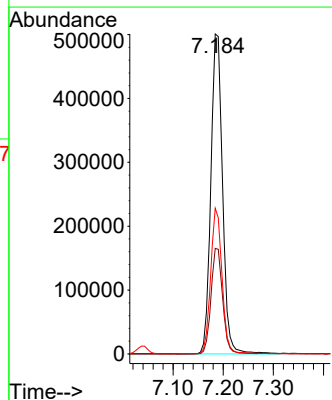
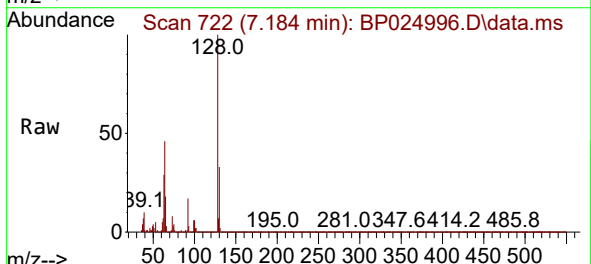
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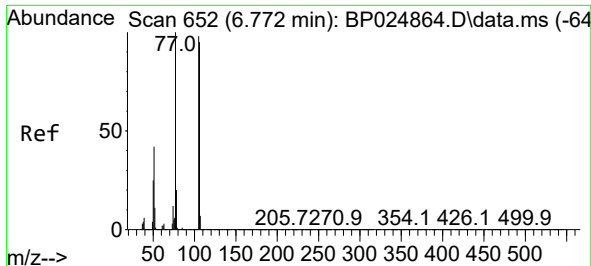
Tgt Ion: 99 Resp: 2455734
Ion Ratio Lower Upper
99 100
42 16.2 13.4 20.2
71 33.7 27.6 41.4



#8
2-Chlorophenol
Concen: 48.060 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion: 128 Resp: 814374
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 45.5 24.1 64.1

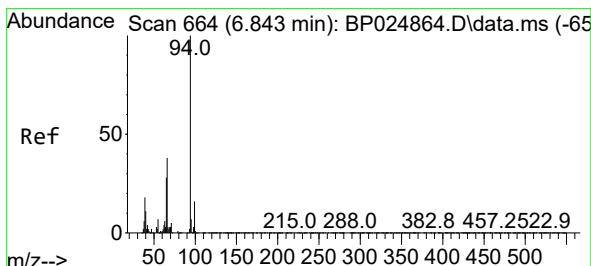
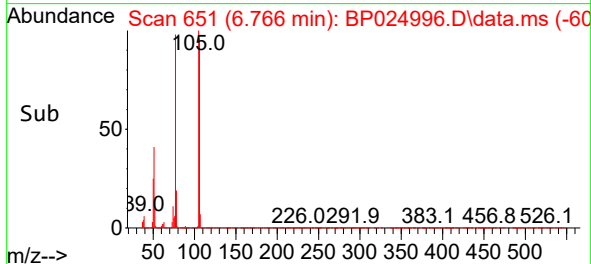
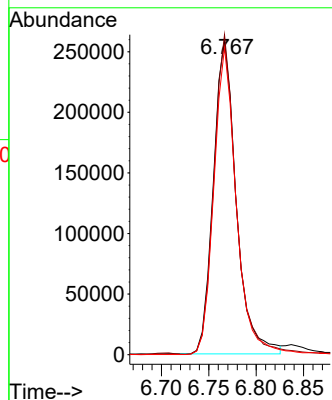
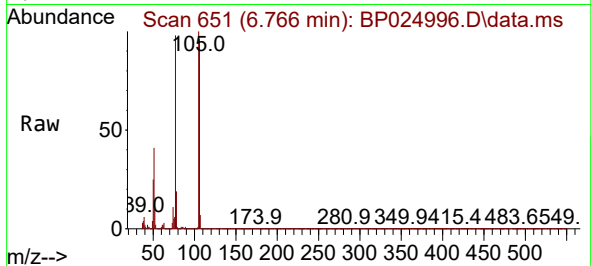




#9
Benzaldehyde
Concen: 38.076 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

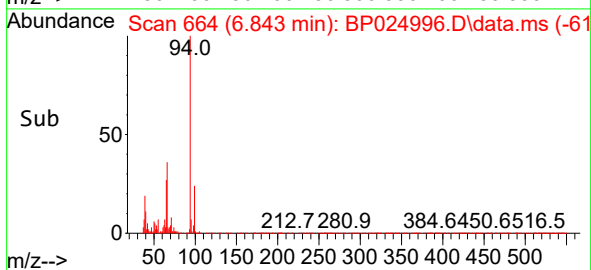
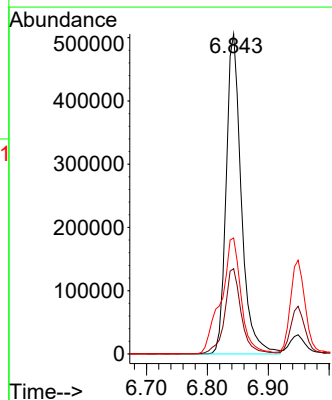
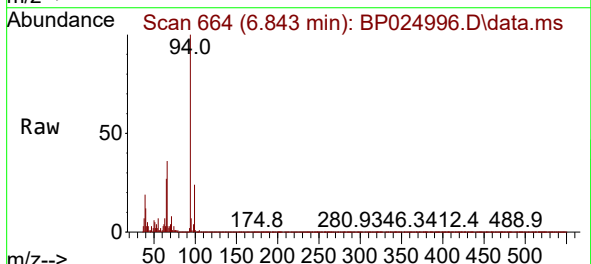
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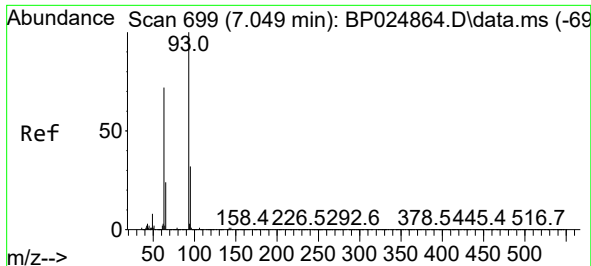
Tgt Ion: 77 Resp: 434036
Ion Ratio Lower Upper
77 100
105 101.8 77.7 117.7
106 97.8 74.8 114.8



#10
Phenol
Concen: 42.727 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion: 94 Resp: 871121
Ion Ratio Lower Upper
94 100
65 26.7 8.3 48.3
66 36.2 18.2 58.2

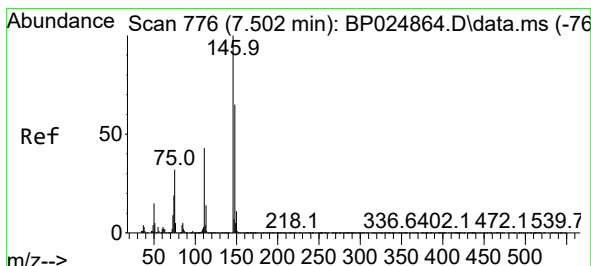
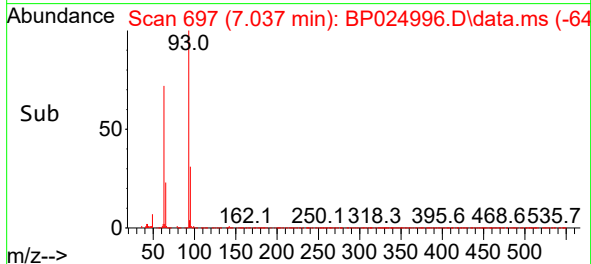
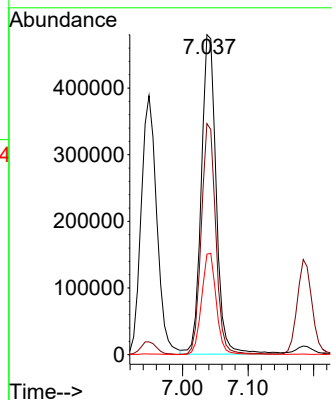
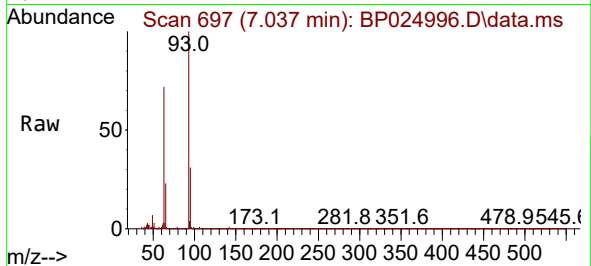




#11
bis(2-Chloroethyl)ether
Concen: 47.415 ng
RT: 7.037 min Scan# 699
Delta R.T. -0.012 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

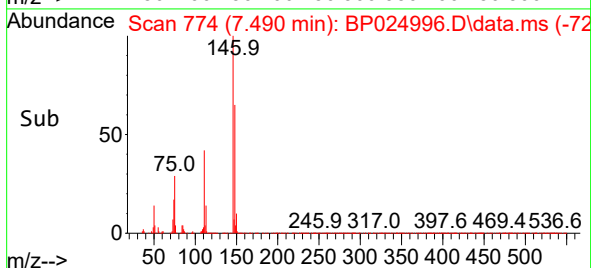
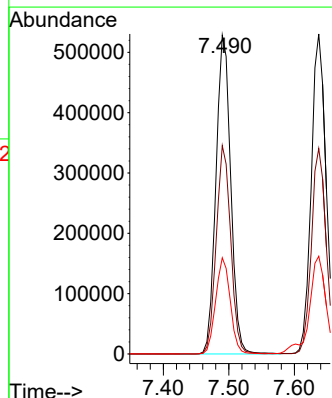
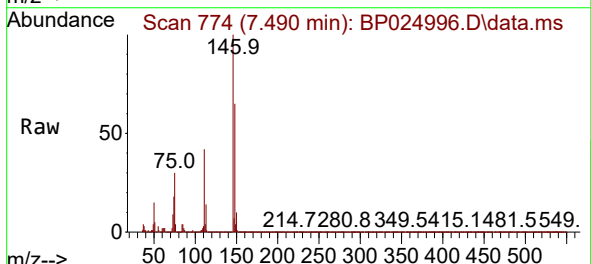
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

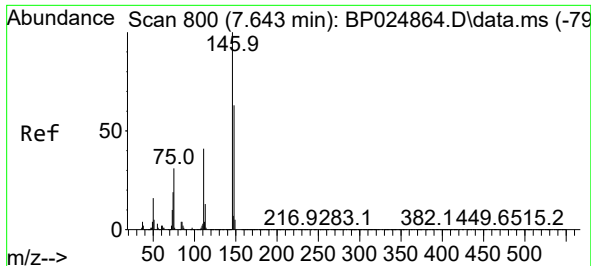
Tgt Ion: 93 Resp: 760318
Ion Ratio Lower Upper
93 100
63 72.2 51.6 91.6
95 31.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 43.604 ng
RT: 7.490 min Scan# 774
Delta R.T. -0.012 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion: 146 Resp: 824257
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 30.2 25.3 37.9

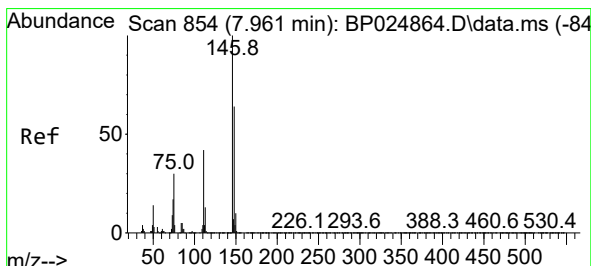
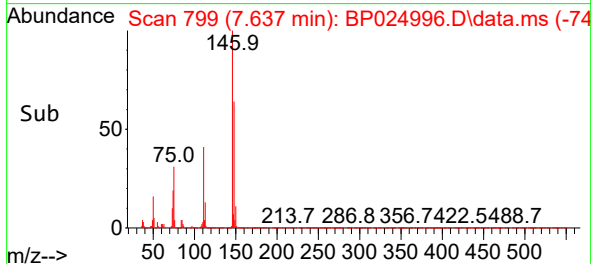
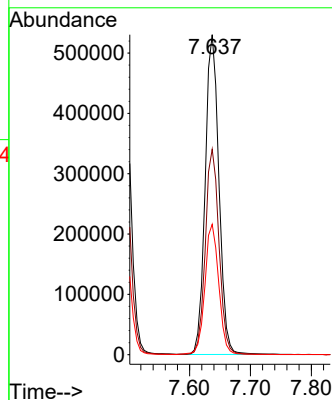
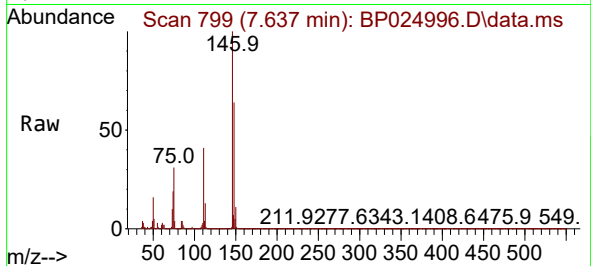




#13
1,4-Dichlorobenzene
Concen: 43.675 ng
RT: 7.637 min Scan# 74
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

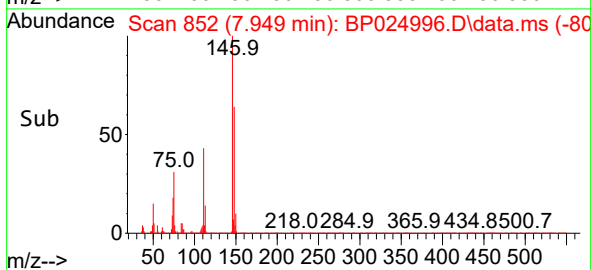
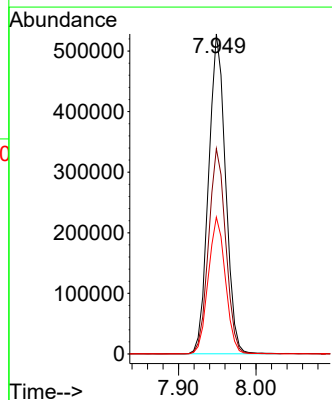
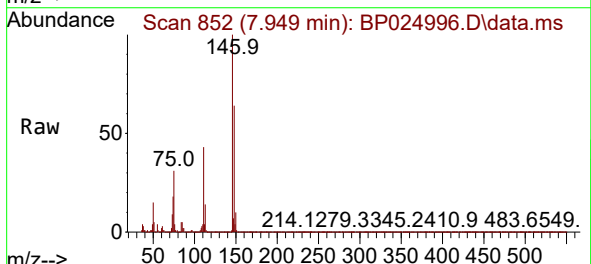
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

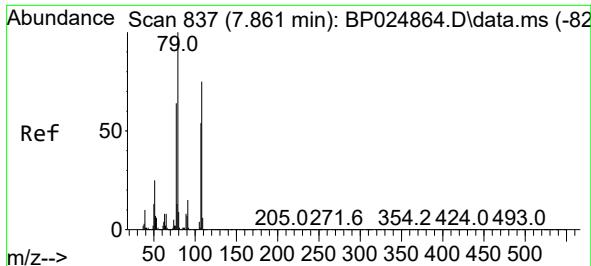
Tgt Ion:146 Resp: 833022
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 40.8 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 42.981 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.012 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:146 Resp: 805009
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
111 42.7 33.8 50.8

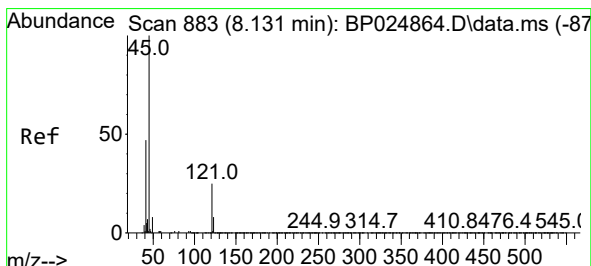
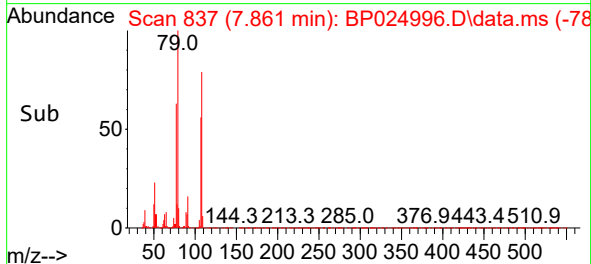
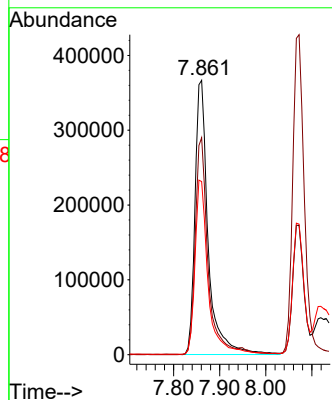
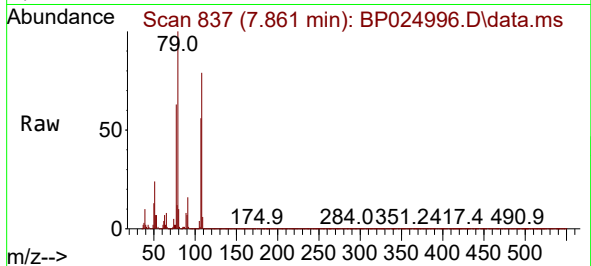




#15
Benzyl Alcohol
Concen: 48.049 ng
RT: 7.861 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

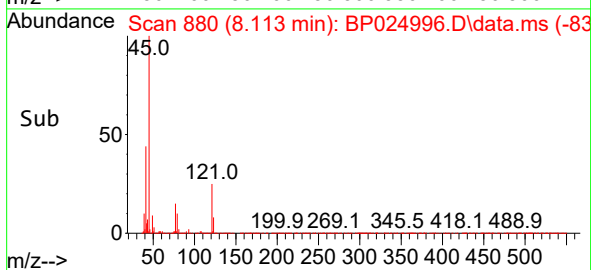
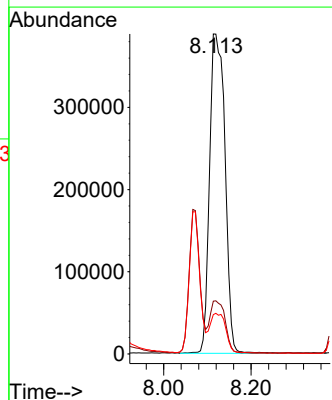
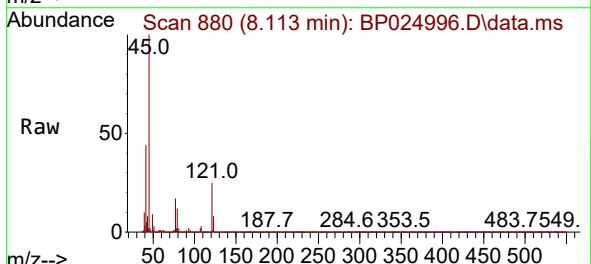
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

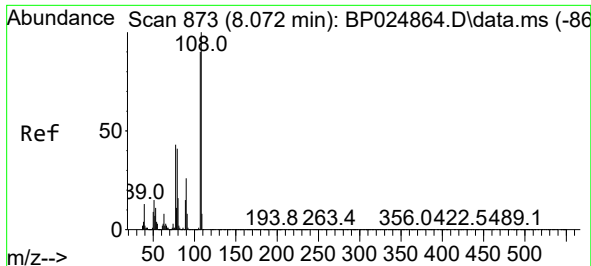
Tgt Ion: 79 Resp: 729308
Ion Ratio Lower Upper
79 100
108 79.1 60.2 90.4
77 63.1 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.325 ng
RT: 8.113 min Scan# 880
Delta R.T. -0.018 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion: 45 Resp: 951277
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.3
79 12.3 0.0 32.2

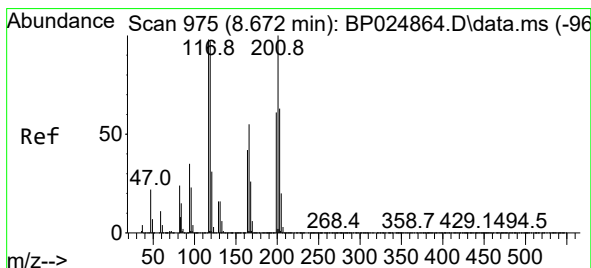
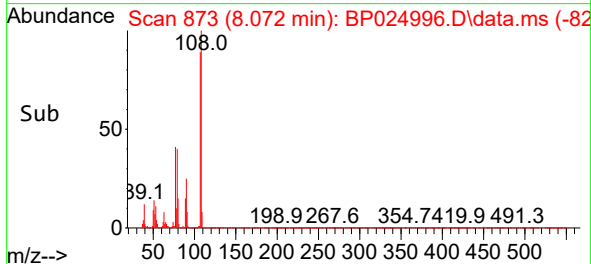
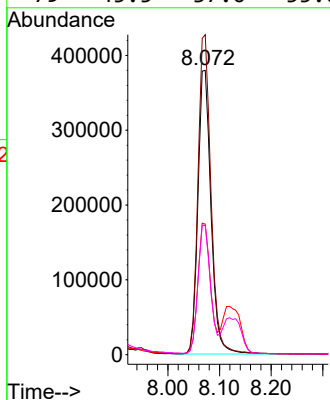
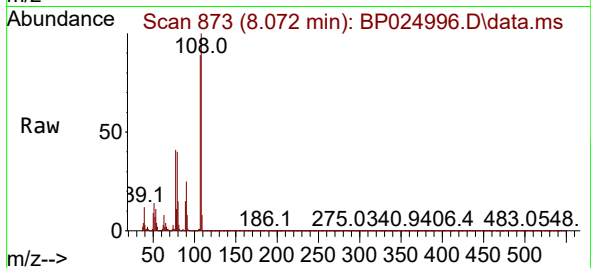




#17
2-Methylphenol
Concen: 46.634 ng
RT: 8.072 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

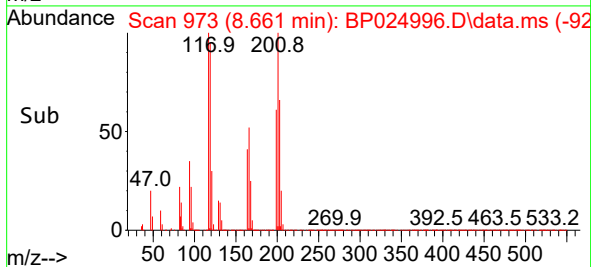
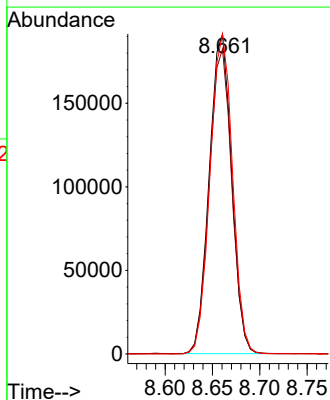
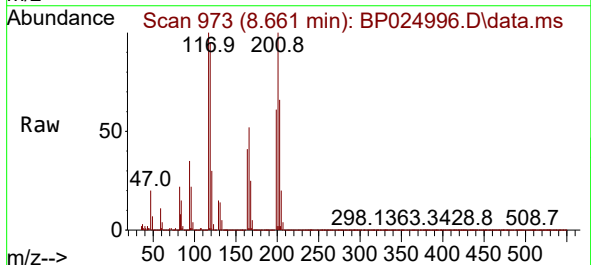
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

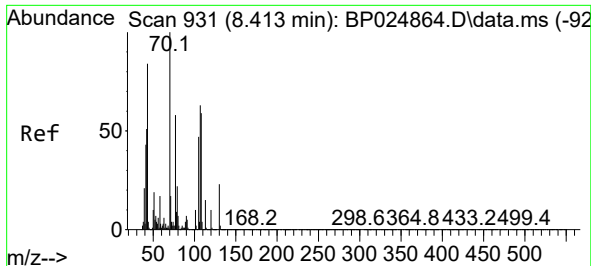
Tgt Ion:	107	Resp:	663942
Ion	Ratio	Lower	Upper
107	100		
108	112.5	88.6	132.8
77	45.9	38.5	57.7
79	45.5	37.0	55.6



#18
Hexachloroethane
Concen: 43.726 ng
RT: 8.661 min Scan# 973
Delta R.T. -0.012 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:	117	Resp:	313993
Ion	Ratio	Lower	Upper
117	100		
119	95.3	79.4	119.2
201	99.9	81.4	122.2



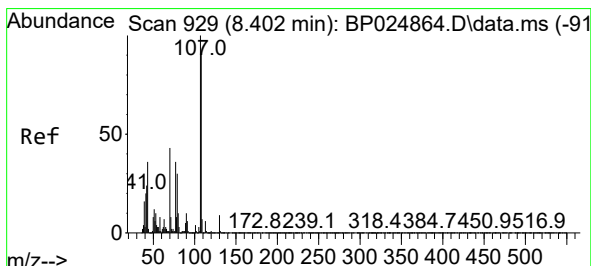
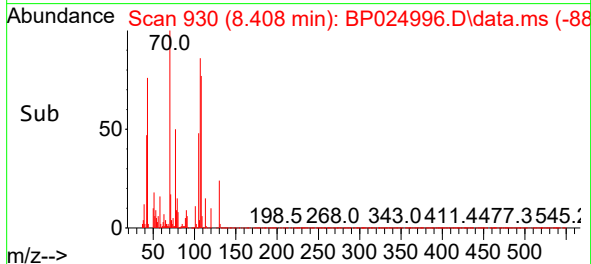
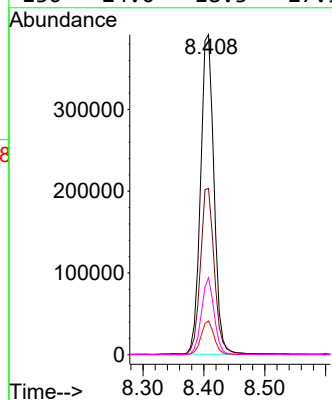
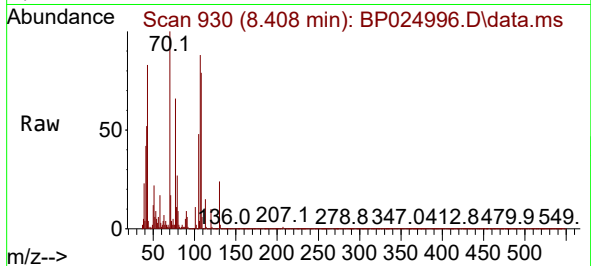


#19
n-Nitroso-di-n-propylamine
Concen: 44.395 ng
RT: 8.408 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

Tgt Ion: 70 Resp: 596881

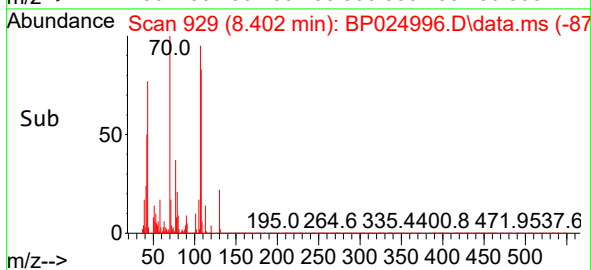
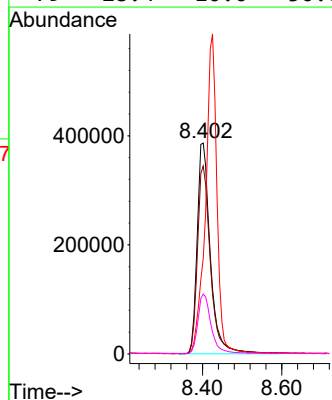
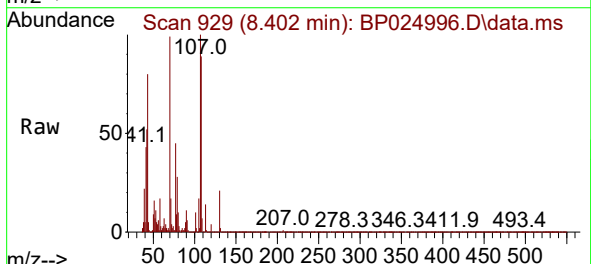
Ion	Ratio	Lower	Upper
70	100		
42	52.0	41.2	61.8
101	10.6	8.3	12.5
130	24.0	18.3	27.5

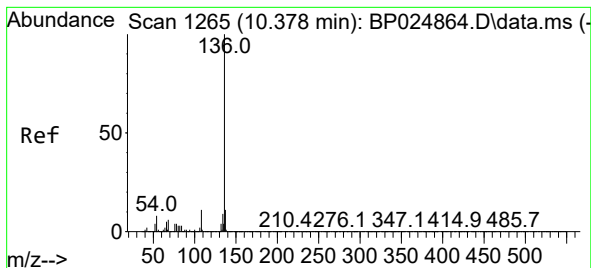


#20
3+4-Methylphenols
Concen: 45.768 ng
RT: 8.402 min Scan# 929
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion: 107 Resp: 888998

Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.7	110.7
77	45.3	16.6	56.6
79	28.4	10.0	50.0

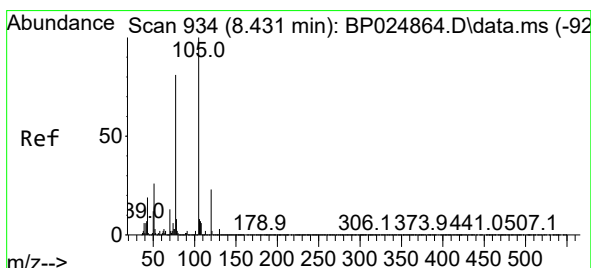
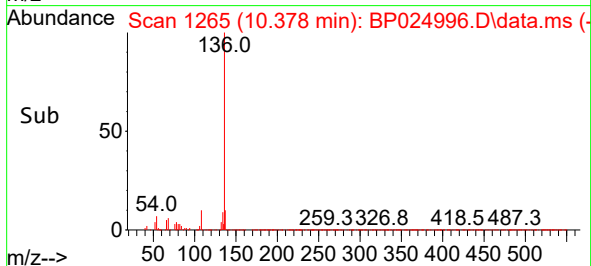
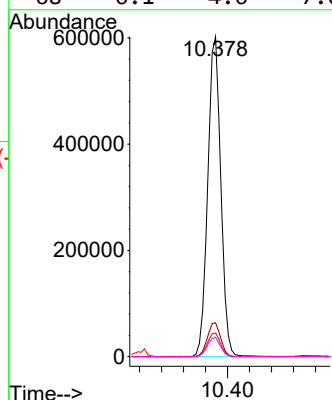
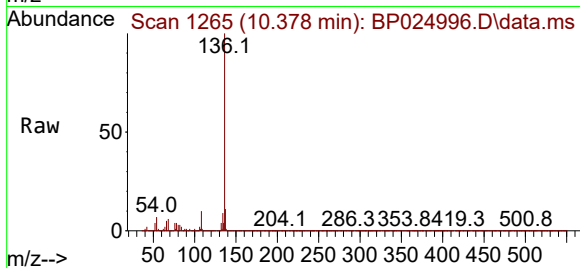




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

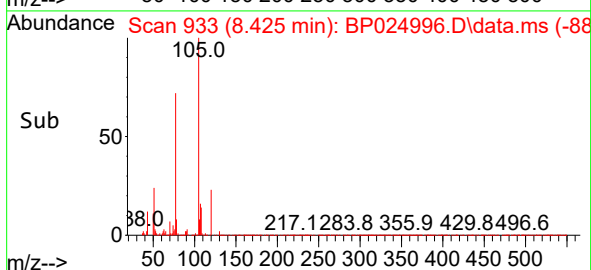
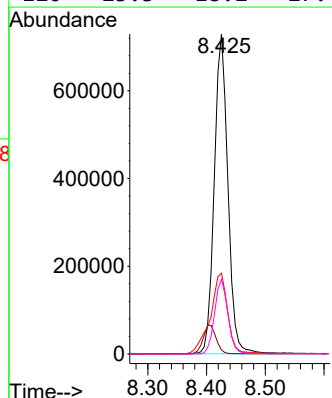
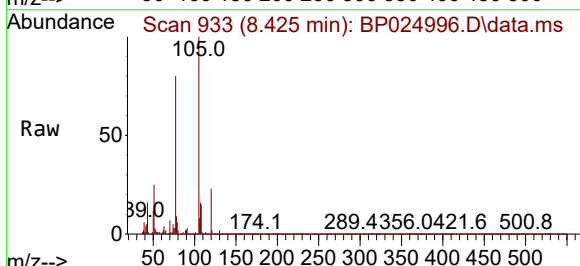
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

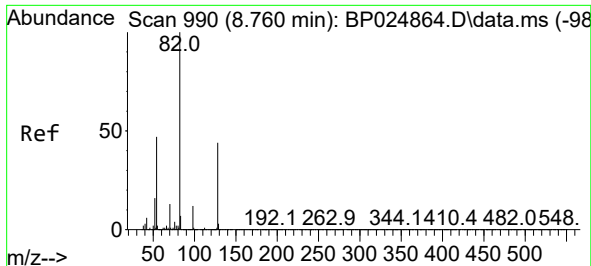
Tgt Ion:	136	Resp:	991534
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.4	6.1	9.1
68	6.1	4.6	7.0



#22
Acetophenone
Concen: 46.848 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:	105	Resp:	1173608
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.6	2.4
51	25.3	20.6	31.0
120	23.3	18.2	27.4

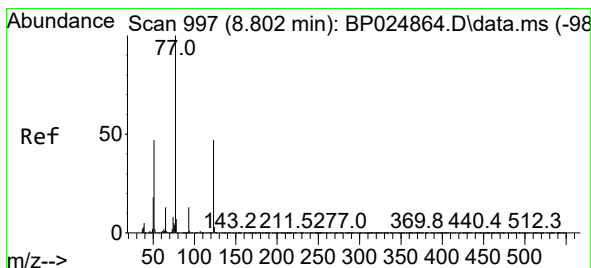
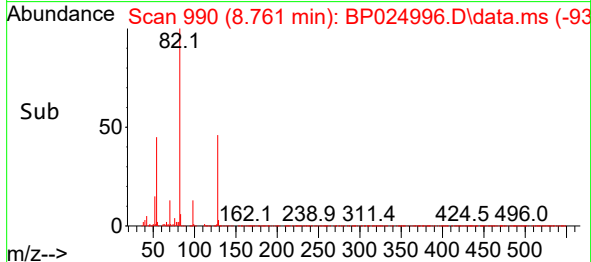
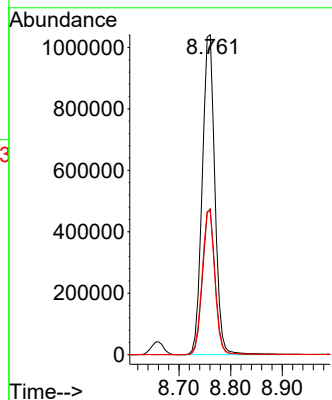
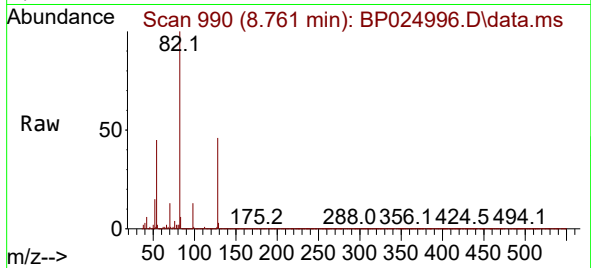




#23
Nitrobenzene-d5
Concen: 86.821 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

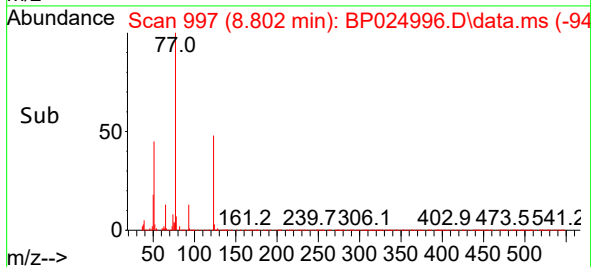
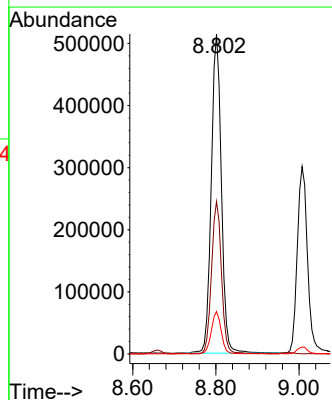
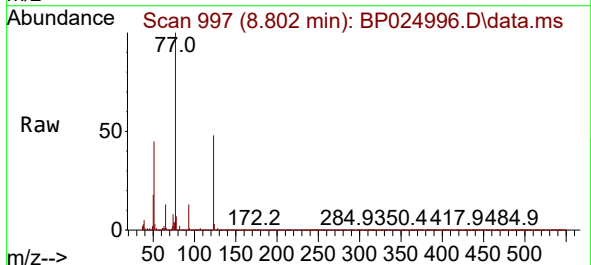
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

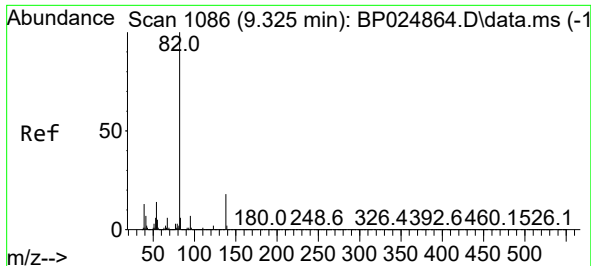
Tgt Ion: 82 Resp: 1771576
Ion Ratio Lower Upper
82 100
128 45.5 35.3 52.9
54 44.7 37.4 56.0



#24
Nitrobenzene
Concen: 47.908 ng
RT: 8.802 min Scan# 997
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion: 77 Resp: 868449
Ion Ratio Lower Upper
77 100
123 47.6 37.3 55.9
65 13.3 10.8 16.2

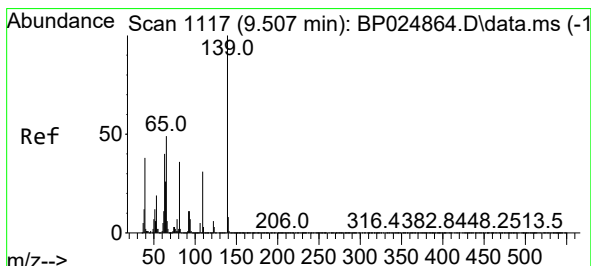
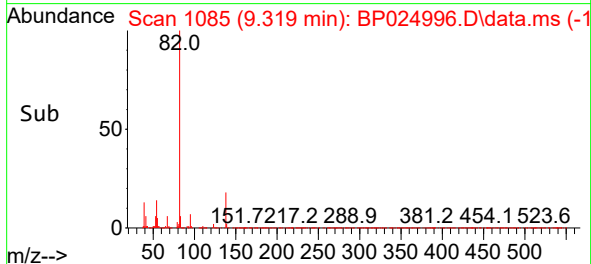
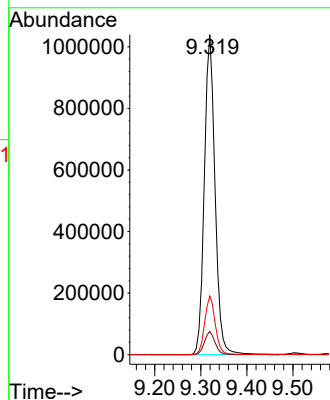
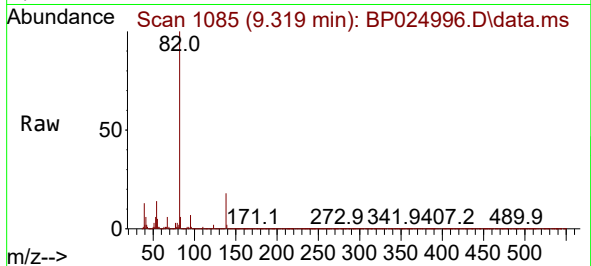




#25
Isophorone
Concen: 47.789 ng
RT: 9.319 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

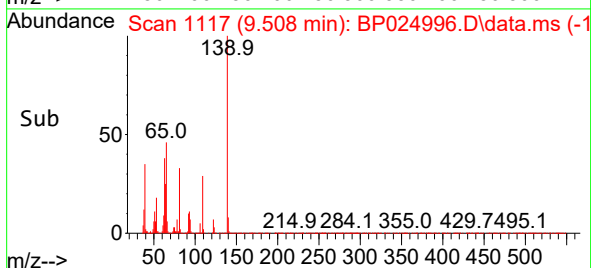
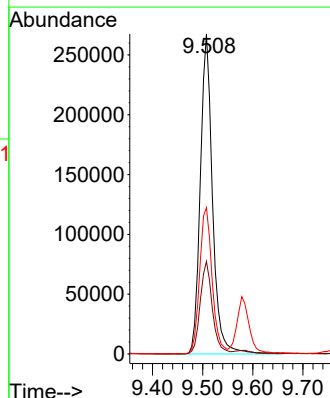
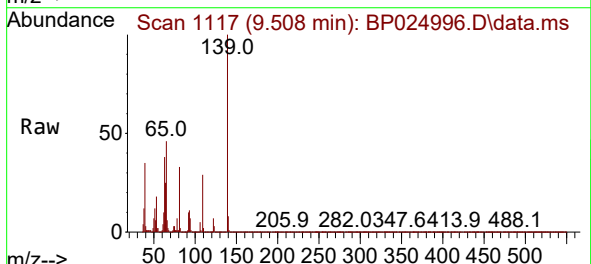
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

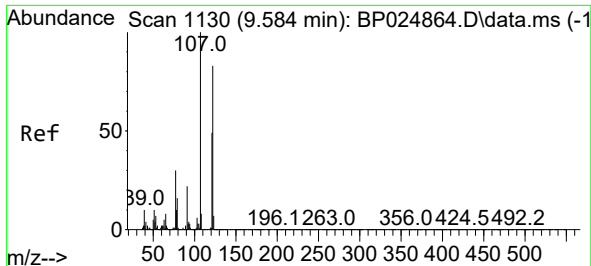
Tgt Ion: 82 Resp: 1689992
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 50.534 ng
RT: 9.508 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion: 139 Resp: 451987
Ion Ratio Lower Upper
139 100
109 28.9 24.6 37.0
65 45.7 39.5 59.3

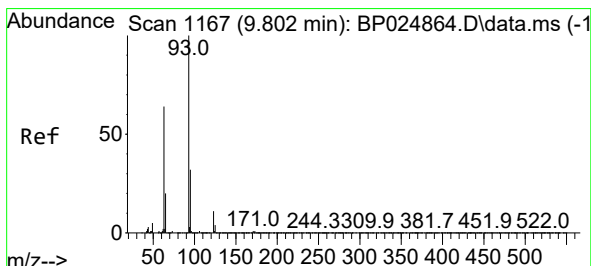
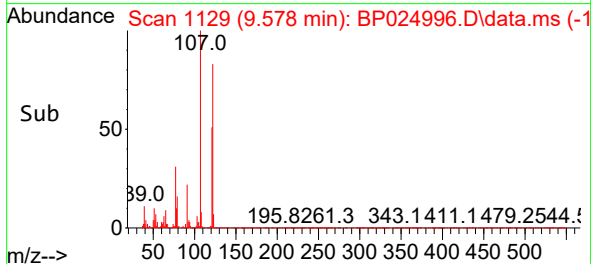
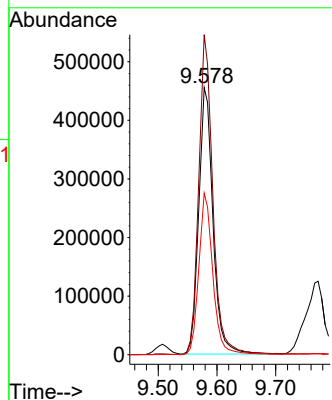
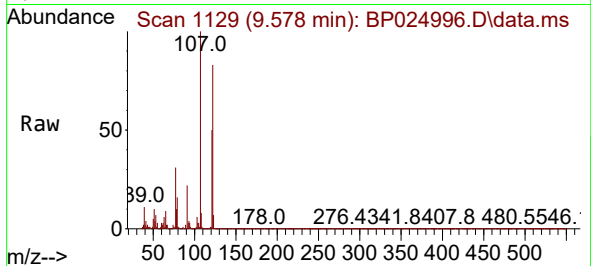




#27
2,4-Dimethylphenol
Concen: 49.881 ng
RT: 9.578 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

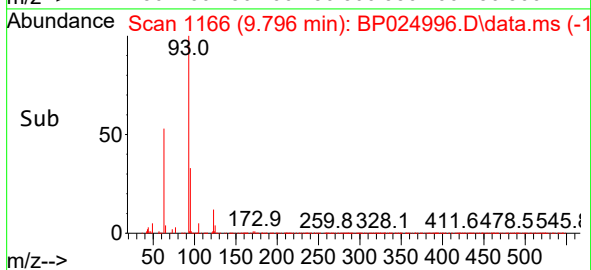
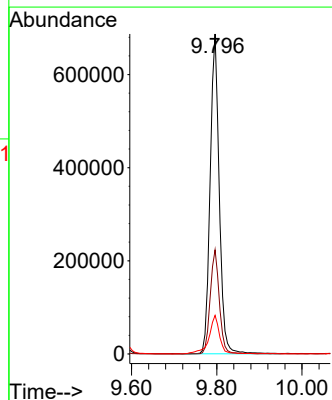
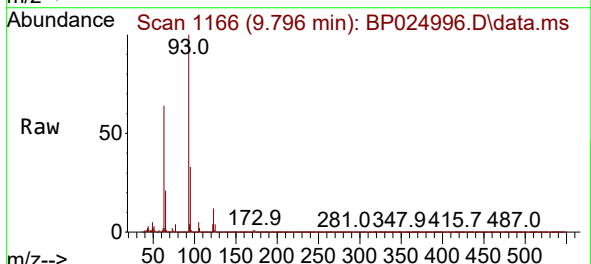
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

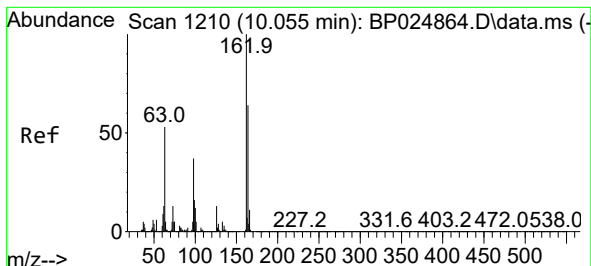
Tgt Ion:122 Resp: 763550
Ion Ratio Lower Upper
122 100
107 119.8 96.2 144.4
121 60.5 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 48.352 ng
RT: 9.796 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion: 93 Resp: 1019992
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 12.1 9.2 13.8

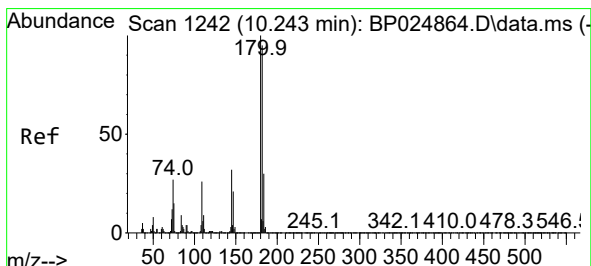
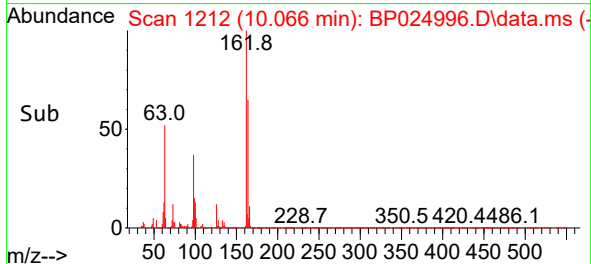
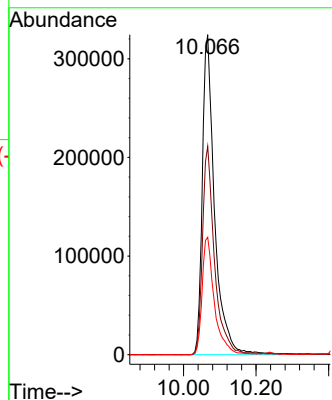
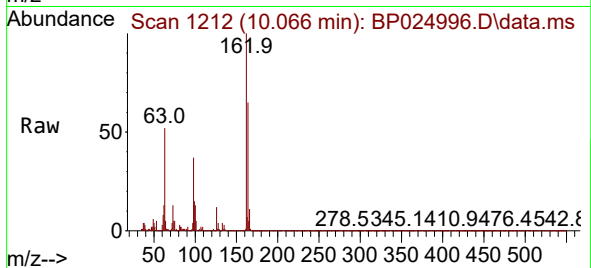




#29
2,4-Dichlorophenol
Concen: 51.891 ng
RT: 10.066 min Scan# 1212
Delta R.T. 0.012 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

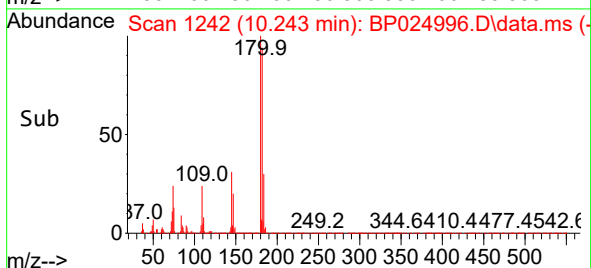
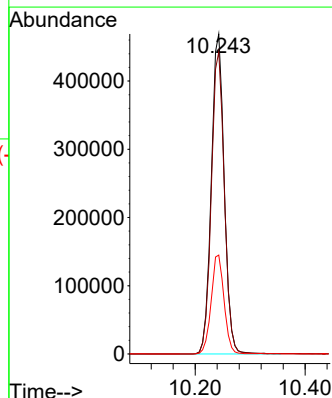
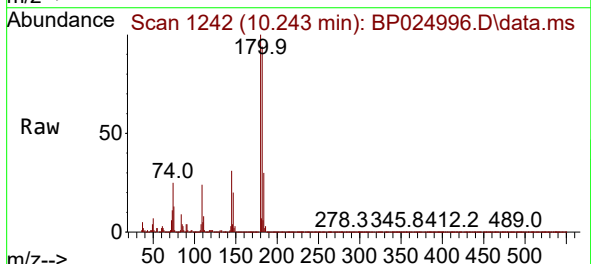
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

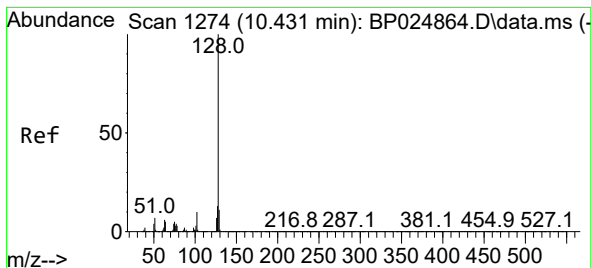
Tgt Ion:162 Resp: 762149
Ion Ratio Lower Upper
162 100
164 65.1 44.0 84.0
98 36.7 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 46.127 ng
RT: 10.243 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:180 Resp: 764133
Ion Ratio Lower Upper
180 100
182 94.4 75.8 113.6
145 30.9 25.7 38.5

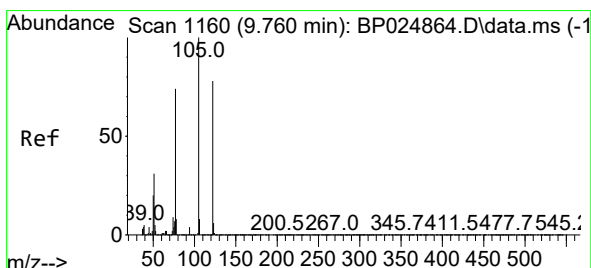
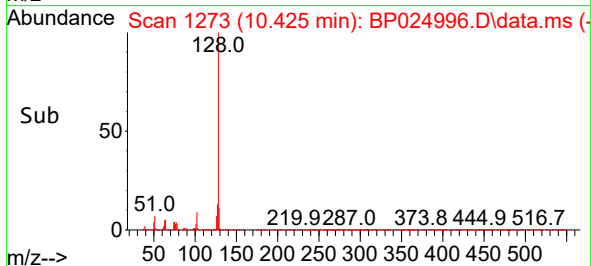
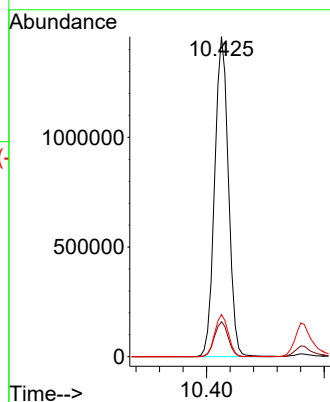
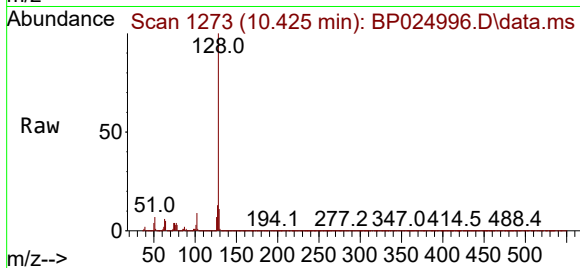




#31
Naphthalene
Concen: 46.638 ng
RT: 10.425 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

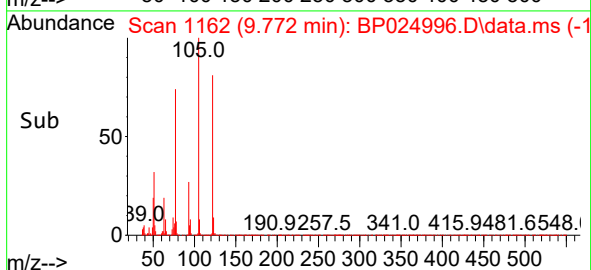
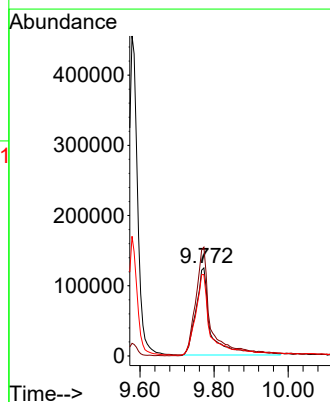
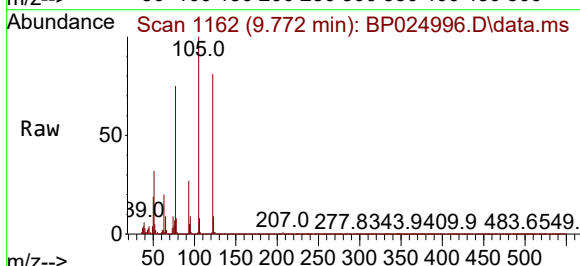
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

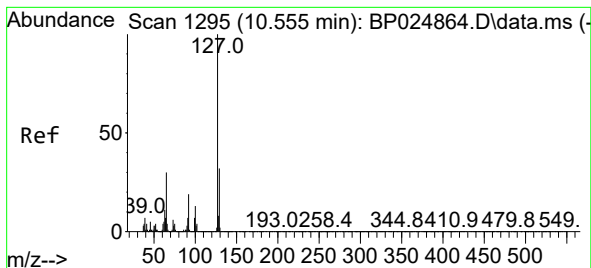
Tgt Ion:128 Resp: 2369776
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 33.663 ng
RT: 9.772 min Scan# 1162
Delta R.T. 0.012 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:122 Resp: 348211
Ion Ratio Lower Upper
122 100
105 123.6 107.1 147.1
77 92.4 75.1 115.1





#33

4-Chloroaniline

Concen: 16.005 ng

RT: 10.560 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BP024996.D

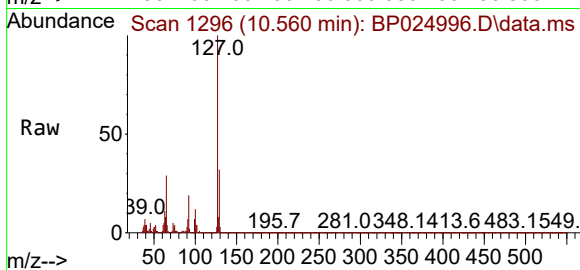
Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD



Tgt Ion:127 Resp: 340723

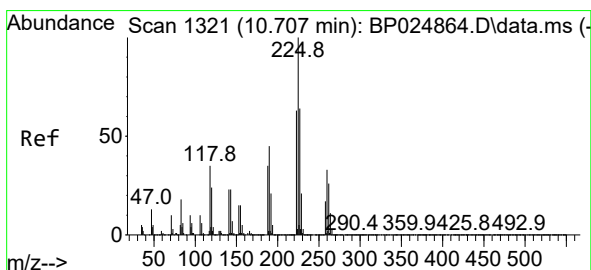
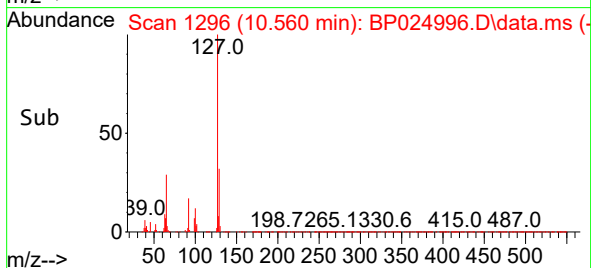
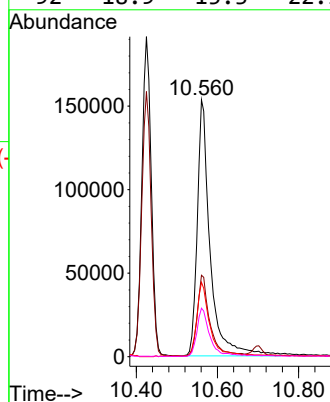
Ion	Ratio	Lower	Upper
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127	100		
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129	31.7	25.9	38.9
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65	29.0	23.9	35.9
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92	18.9	15.3	22.9
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#34

Hexachlorobutadiene

Concen: 45.808 ng

RT: 10.702 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

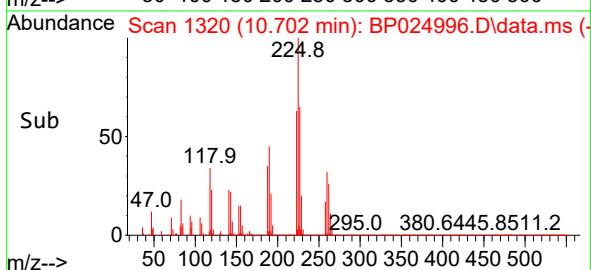
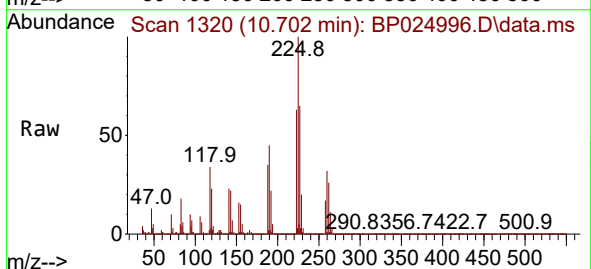
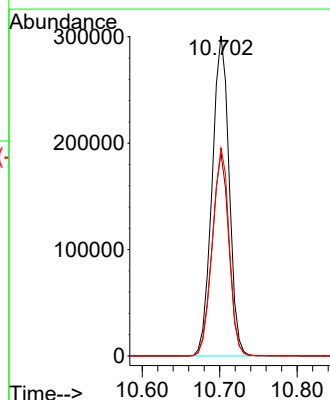
Tgt Ion:225 Resp: 457372

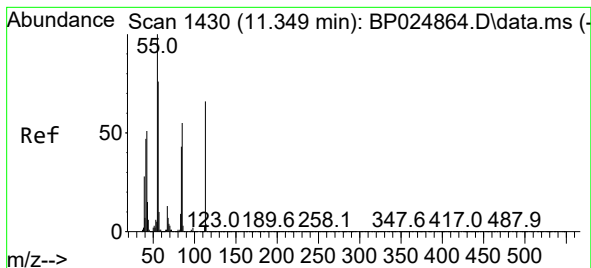
Ion	Ratio	Lower	Upper
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225	100		
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223	63.3	50.5	75.7
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227	65.0	51.4	77.2
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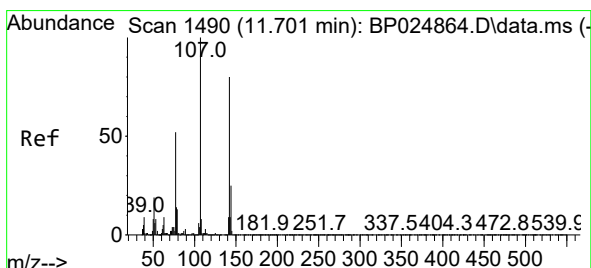
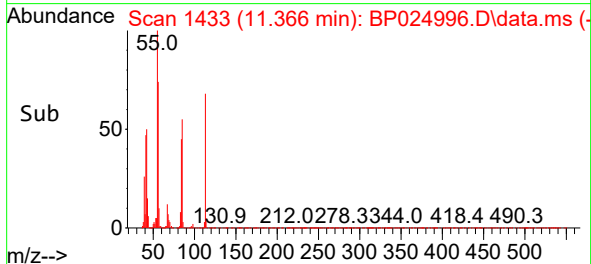
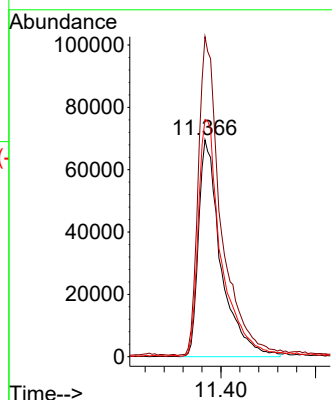
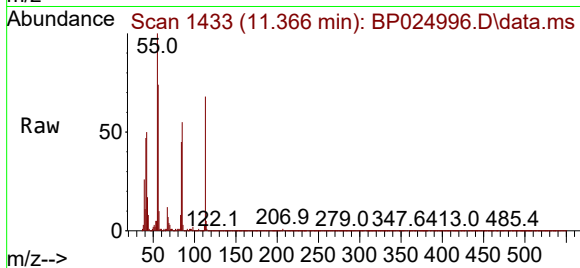




#35
Caprolactam
Concen: 42.313 ng
RT: 11.366 min Scan# 1433
Delta R.T. 0.018 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

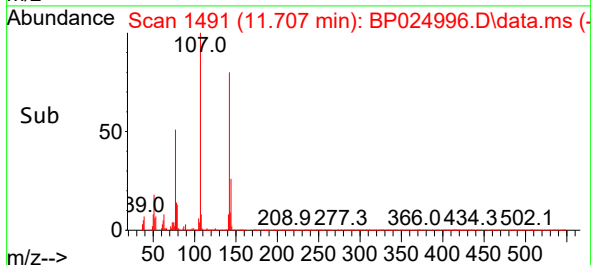
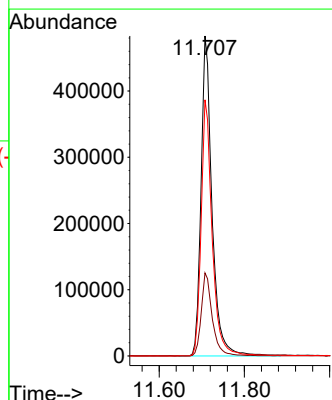
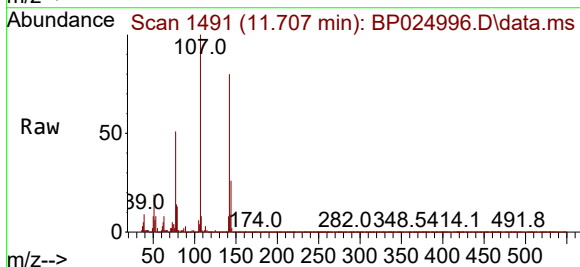
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

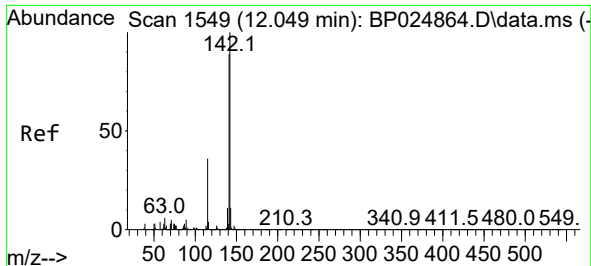
Tgt Ion:113 Resp: 228767
Ion Ratio Lower Upper
113 100
55 147.6 132.5 172.5
56 109.4 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 51.015 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:107 Resp: 864238
Ion Ratio Lower Upper
107 100
144 26.0 20.4 30.6
142 80.1 63.8 95.6

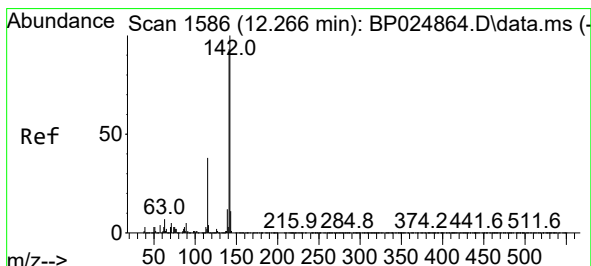
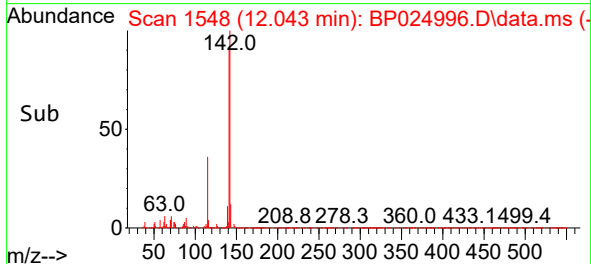
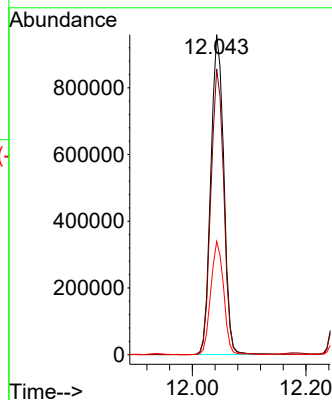
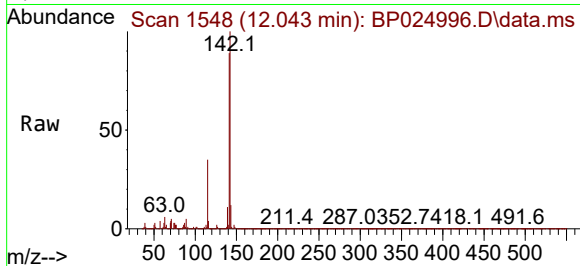




#37
2-Methylnaphthalene
Concen: 47.101 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

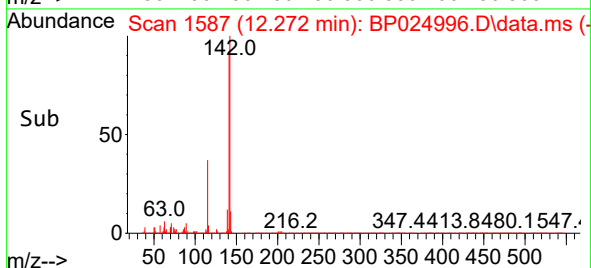
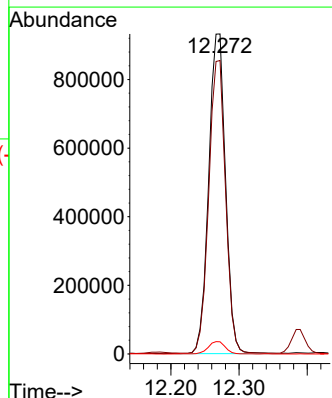
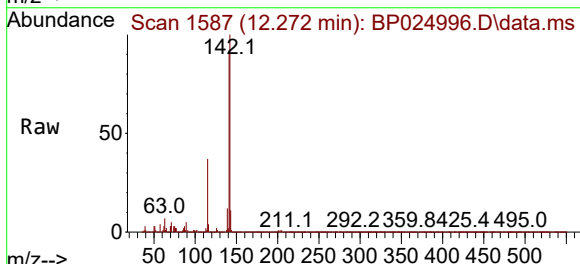
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

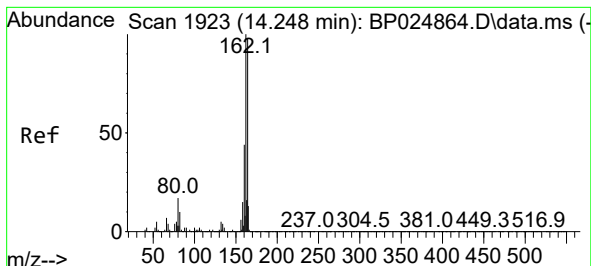
Tgt Ion:142 Resp: 1518134
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8
115 35.4 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.432 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:142 Resp: 1599996
Ion Ratio Lower Upper
142 100
141 91.7 74.7 112.1
116 3.8 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.254 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

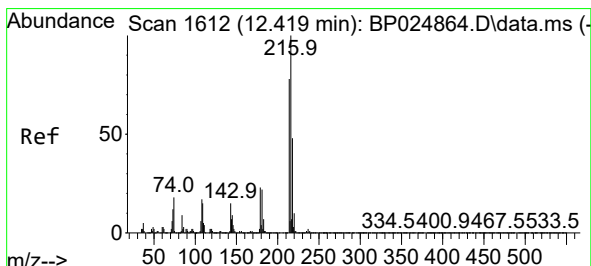
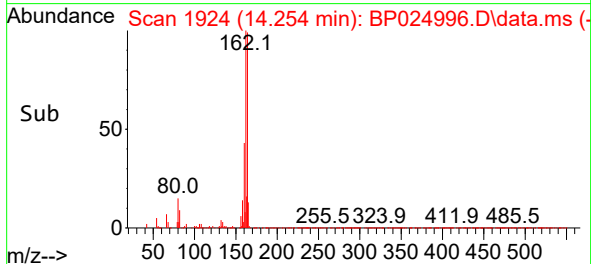
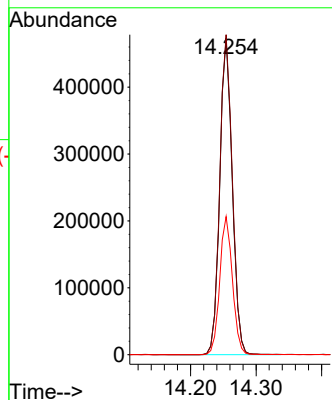
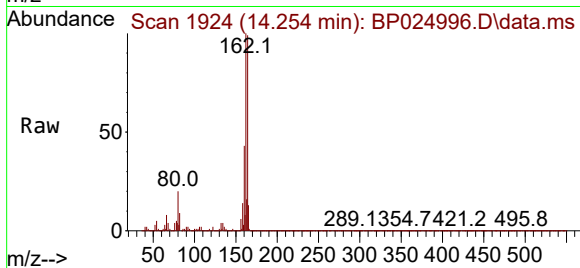
Tgt Ion:164 Resp: 622454

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

160 43.6 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.571 ng

RT: 12.419 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Tgt Ion:216 Resp: 840221

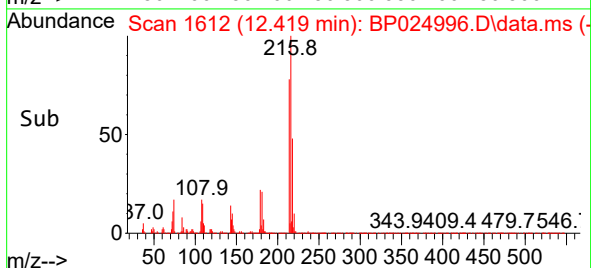
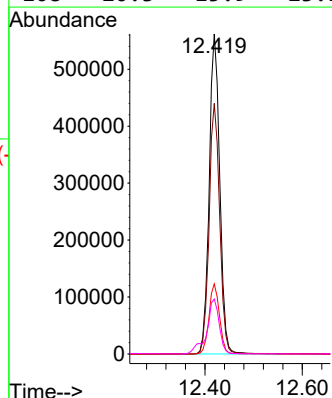
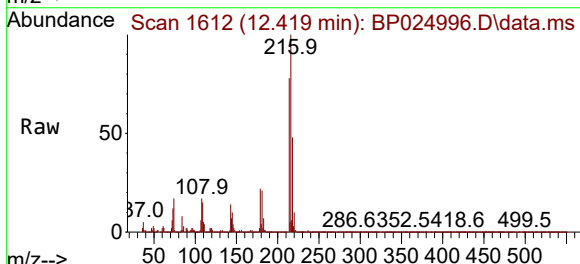
Ion Ratio Lower Upper

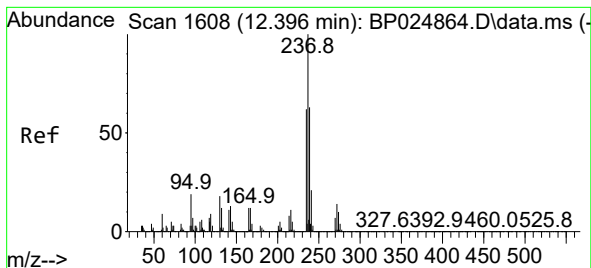
216 100

214 78.7 63.0 94.4

179 21.7 17.8 26.6

108 20.3 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 78.153 ng

RT: 12.390 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

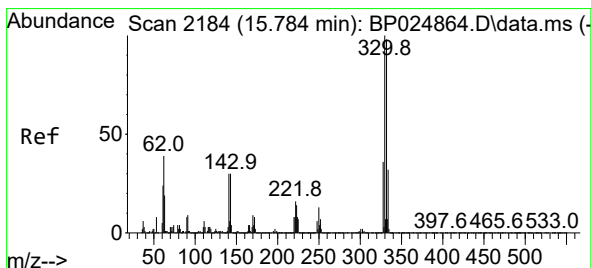
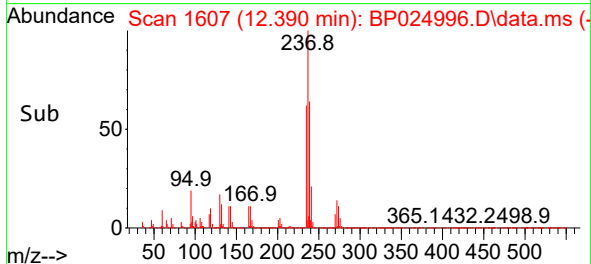
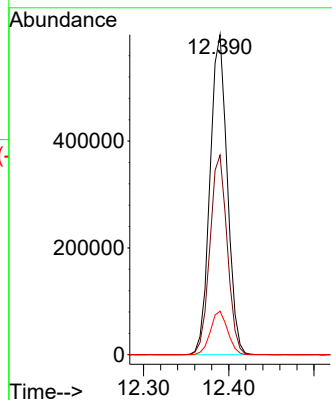
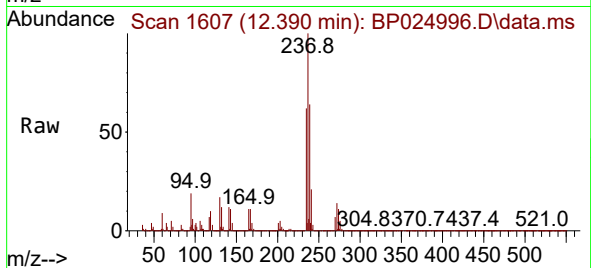
Tgt Ion:237 Resp: 841936

Ion Ratio Lower Upper

237 100

235 62.4 41.9 81.9

272 13.6 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 146.144 ng

RT: 15.790 min Scan# 2185

Delta R.T. 0.006 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

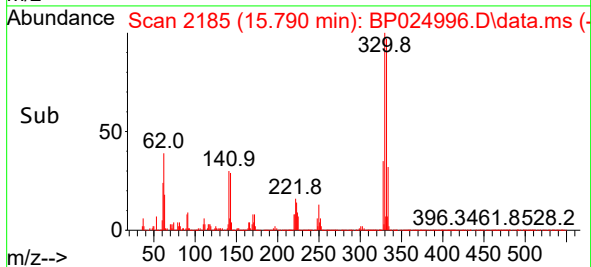
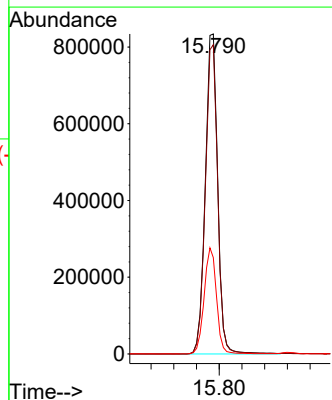
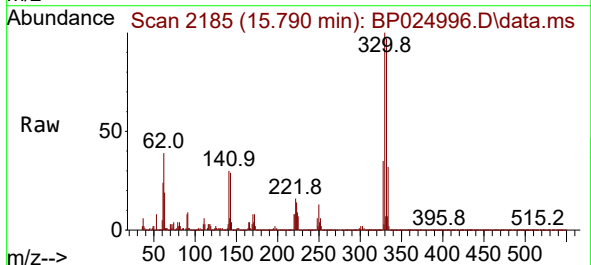
Tgt Ion:330 Resp: 1257682

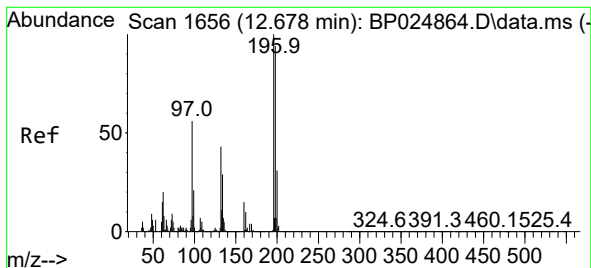
Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

141 33.1 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 51.083 ng

RT: 12.684 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

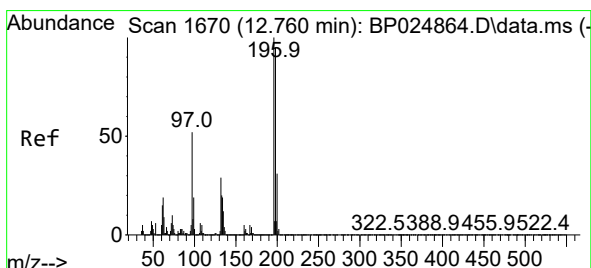
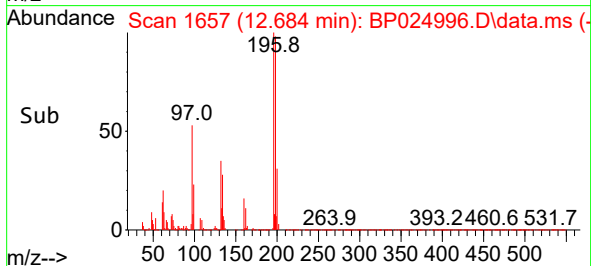
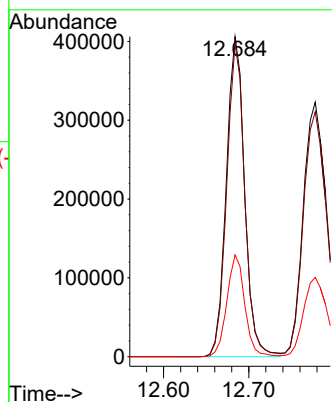
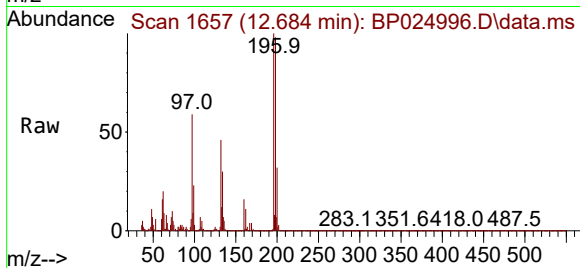
Tgt Ion:196 Resp: 605918

Ion Ratio Lower Upper

196 100

198 97.8 75.4 113.0

200 31.8 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 53.491 ng

RT: 12.778 min Scan# 1673

Delta R.T. 0.018 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Tgt Ion:196 Resp: 679498

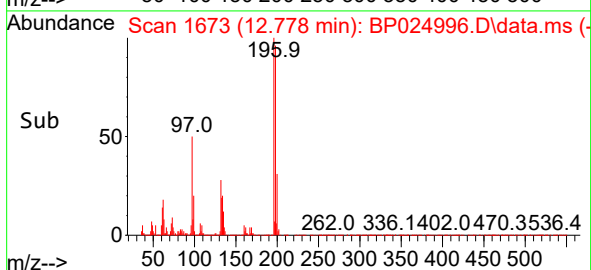
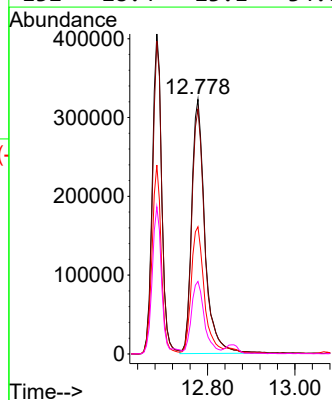
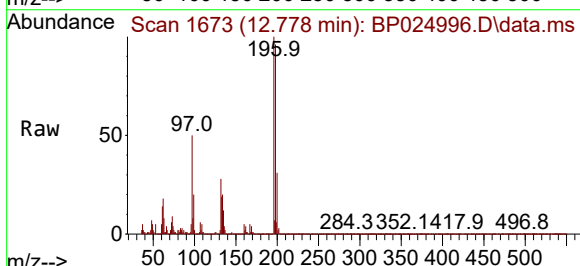
Ion Ratio Lower Upper

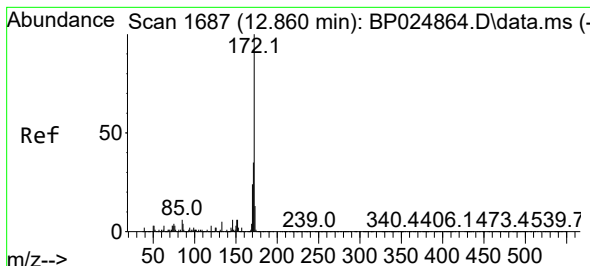
196 100

198 96.2 76.0 114.0

97 50.0 41.5 62.3

132 28.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 84.200 ng

RT: 12.854 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

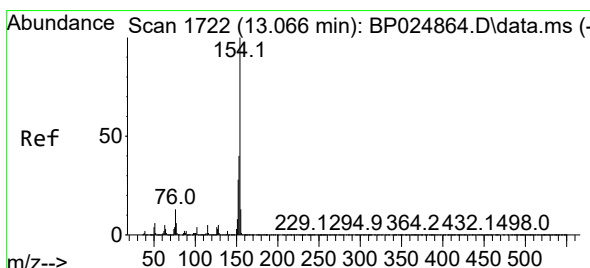
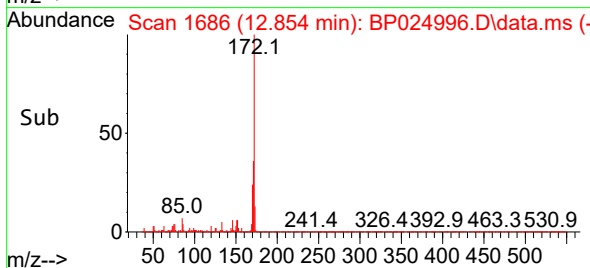
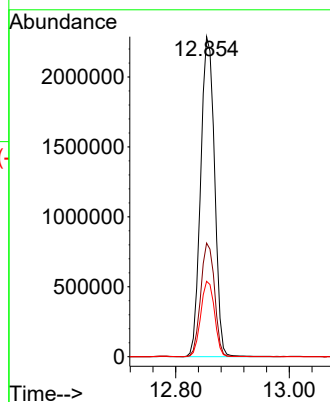
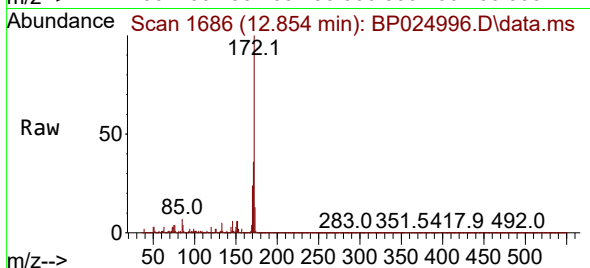
Tgt Ion:172 Resp: 3890563

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.256 ng

RT: 13.066 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

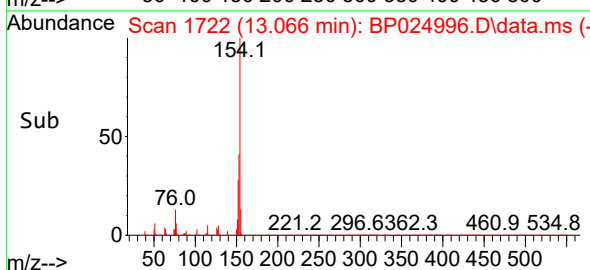
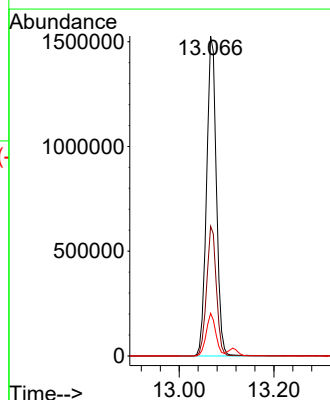
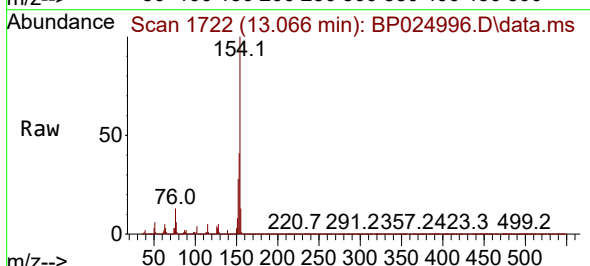
Tgt Ion:154 Resp: 2182891

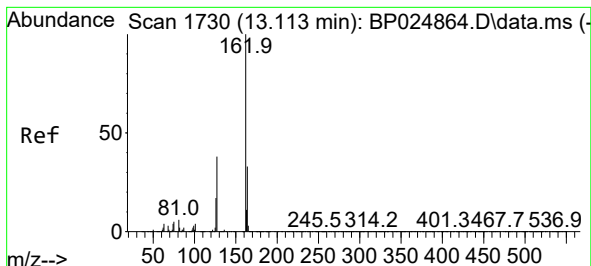
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.4 0.0 33.0





#47

2-Chloronaphthalene

Concen: 48.305 ng

RT: 13.113 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

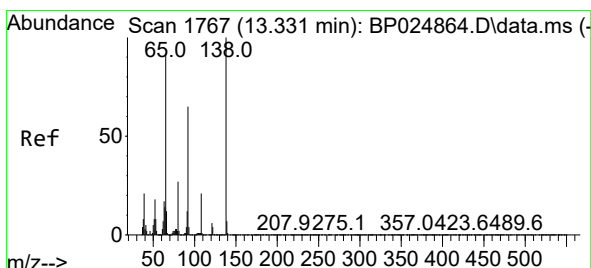
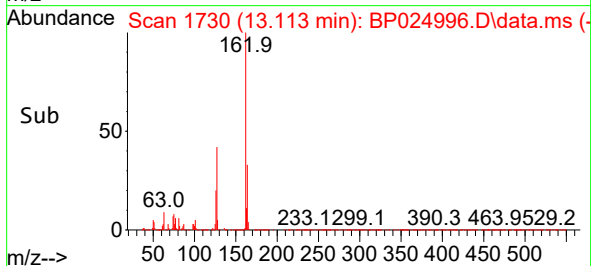
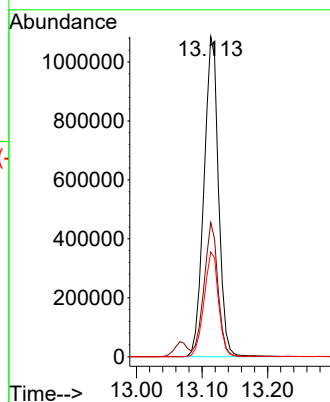
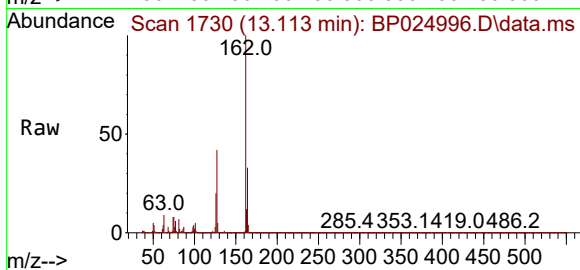
Tgt Ion:162 Resp: 1679403

Ion Ratio Lower Upper

162 100

127 41.9 32.5 48.7

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 52.348 ng

RT: 13.343 min Scan# 1769

Delta R.T. 0.012 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

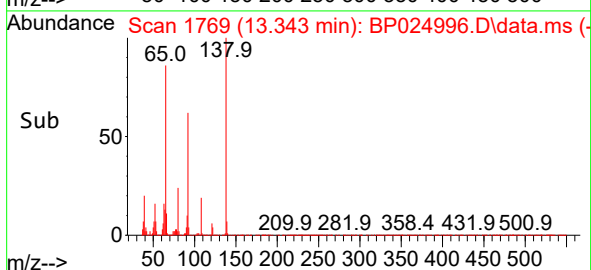
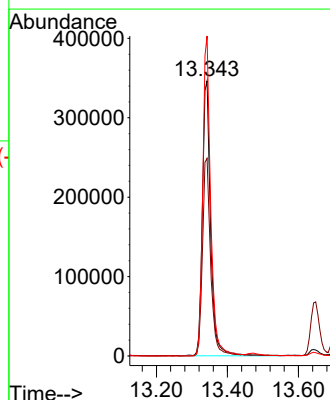
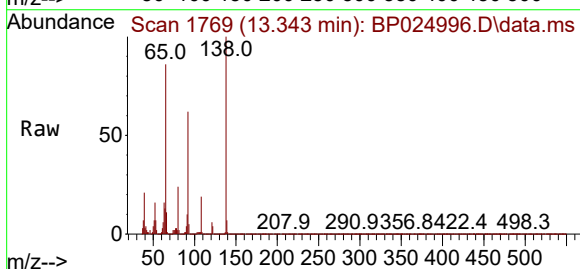
Tgt Ion: 65 Resp: 559525

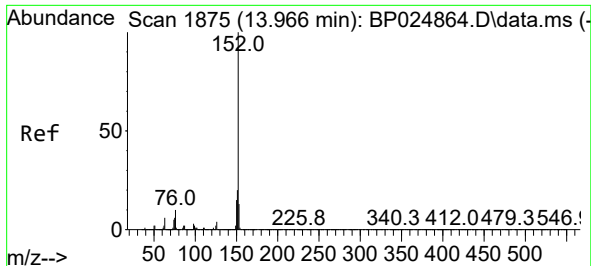
Ion Ratio Lower Upper

65 100

92 71.9 56.8 85.2

138 116.3 86.9 130.3

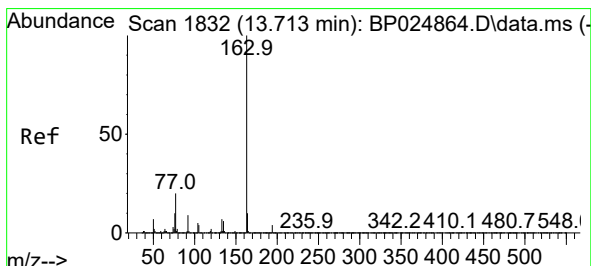
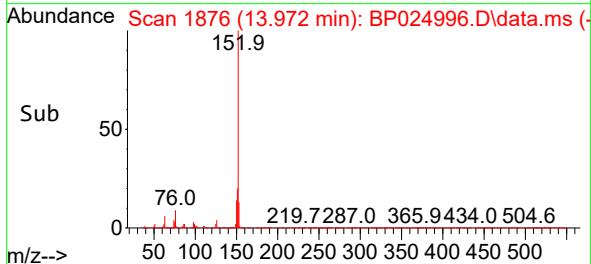
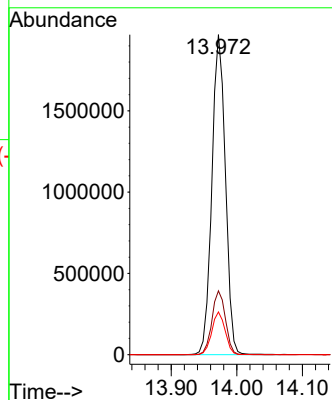
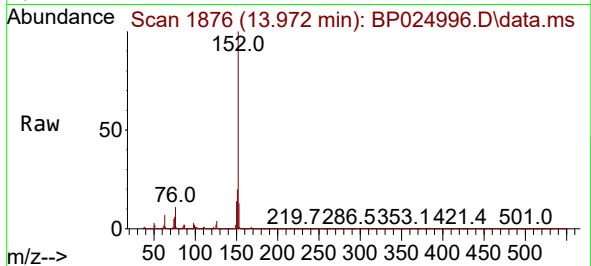




#49
Acenaphthylene
Concen: 48.678 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

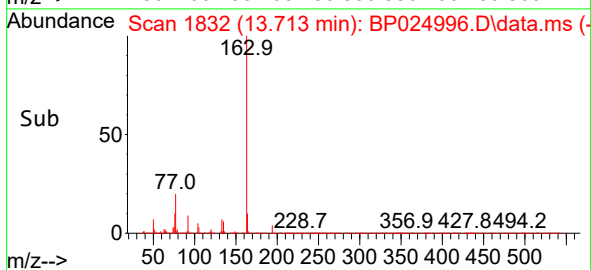
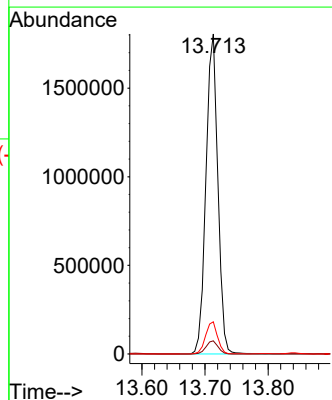
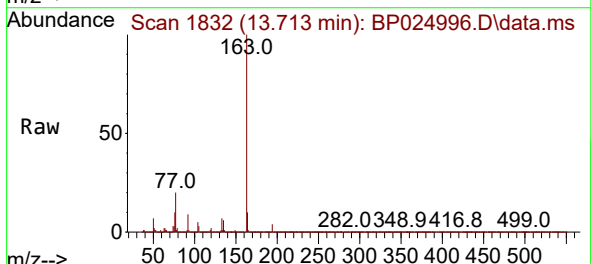
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

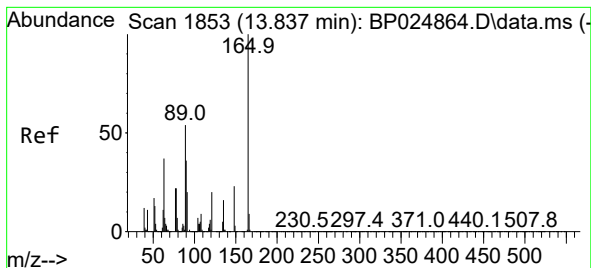
Tgt Ion:152 Resp: 2821844
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 51.476 ng
RT: 13.713 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:163 Resp: 2363636
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.0 12.0

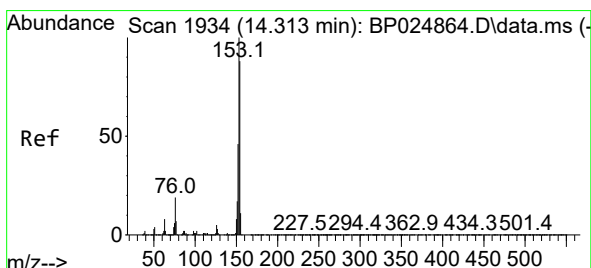
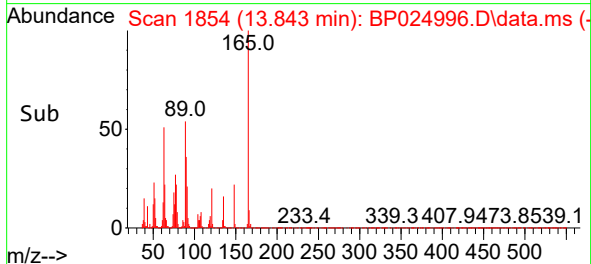
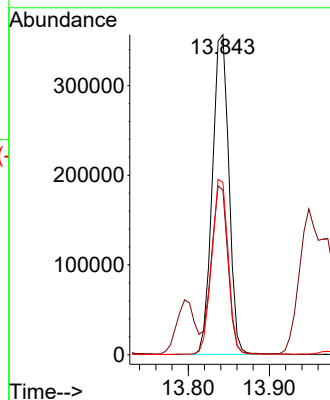
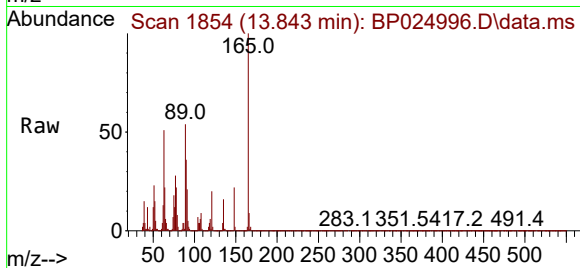




#51
2,6-Dinitrotoluene
Concen: 50.988 ng
RT: 13.843 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

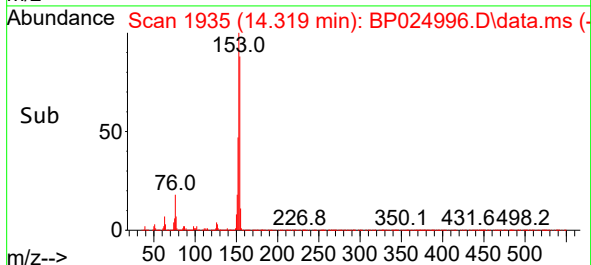
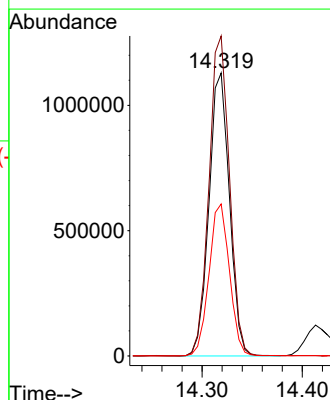
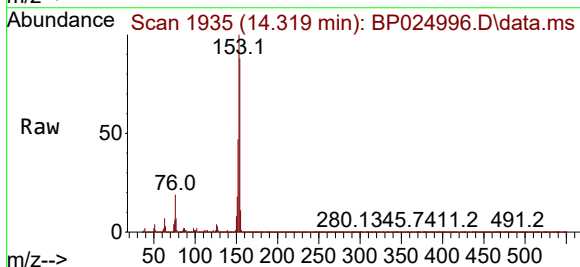
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

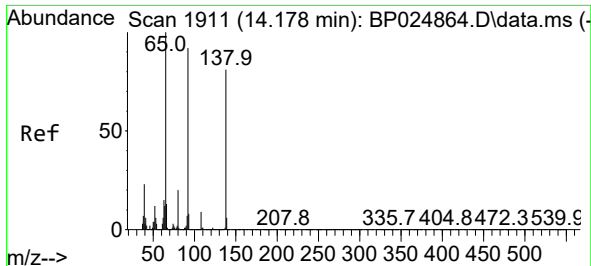
Tgt Ion:165 Resp: 504725
Ion Ratio Lower Upper
165 100
63 51.4 41.8 62.8
89 53.9 43.1 64.7



#52
Acenaphthene
Concen: 48.299 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:154 Resp: 1604401
Ion Ratio Lower Upper
154 100
153 113.1 90.5 135.7
152 53.7 42.1 63.1

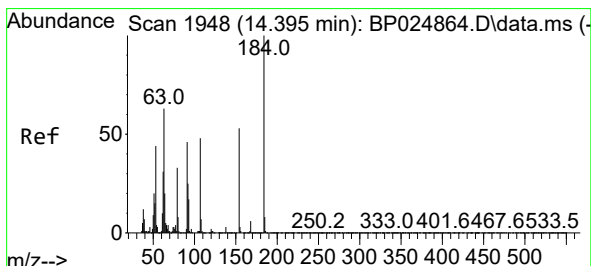
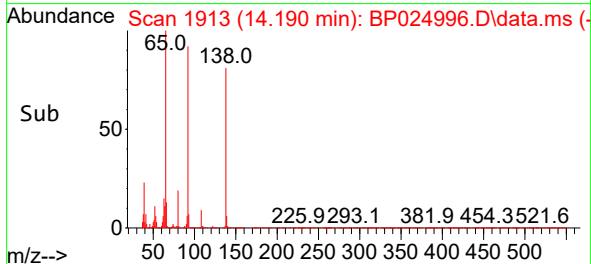
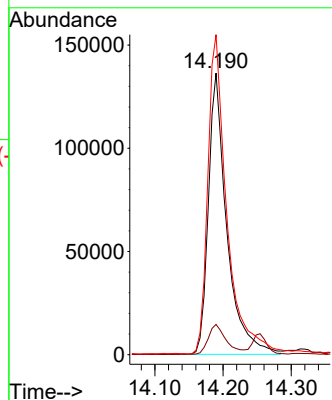
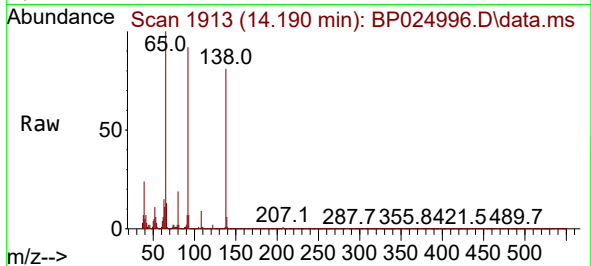




#53
3-Nitroaniline
Concen: 24.936 ng
RT: 14.190 min Scan# 1911
Delta R.T. 0.012 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

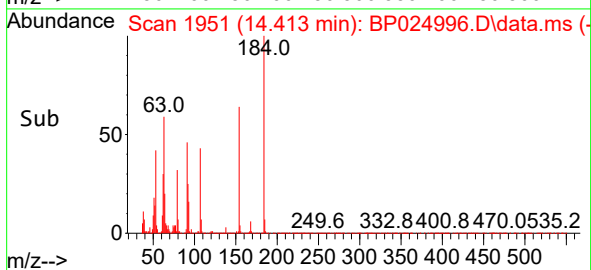
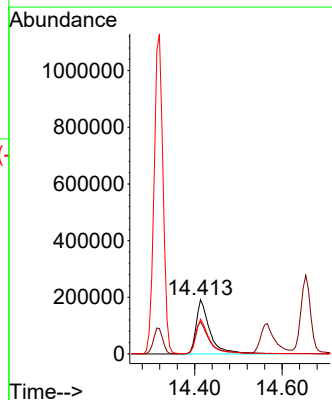
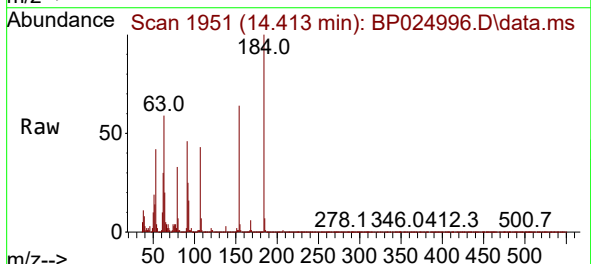
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

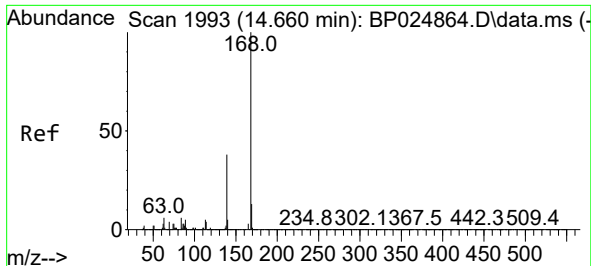
Tgt Ion:138 Resp: 256153
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 113.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 66.254 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:184 Resp: 420434
Ion Ratio Lower Upper
184 100
63 58.9 51.0 76.4
154 64.2 51.7 77.5

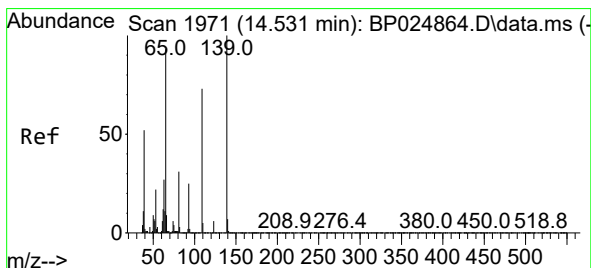
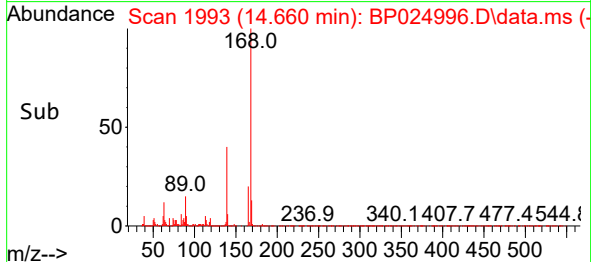
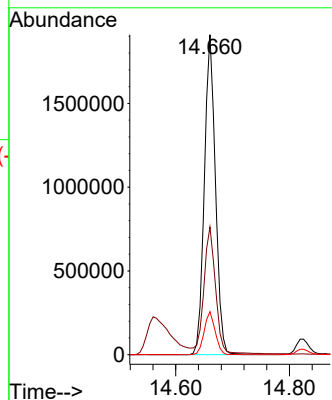
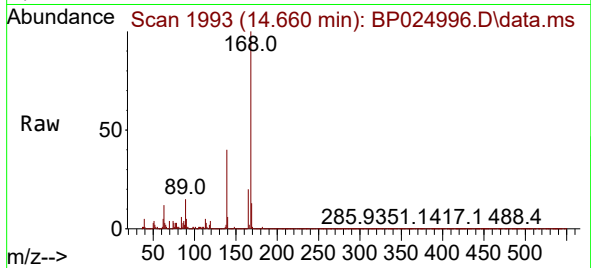




#55
Dibenzofuran
Concen: 48.368 ng
RT: 14.660 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

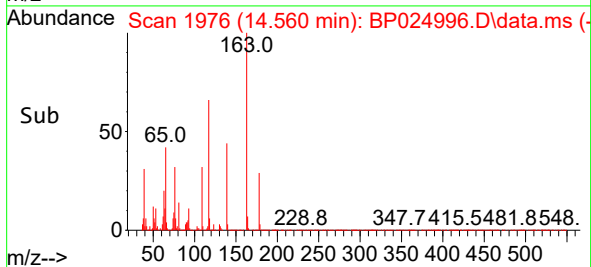
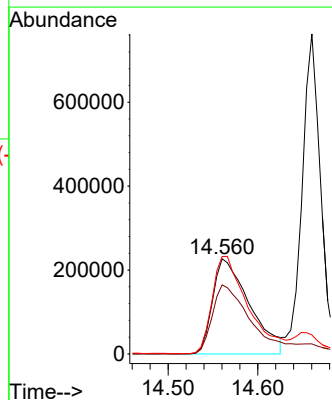
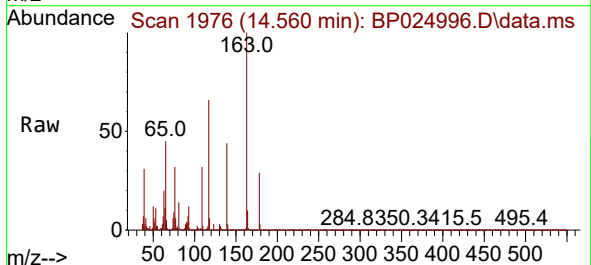
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

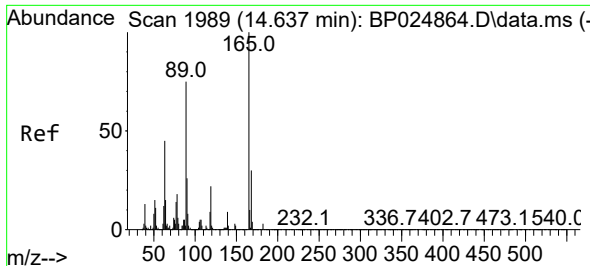
Tgt Ion:168 Resp: 2579024
Ion Ratio Lower Upper
168 100
139 39.9 31.6 47.4
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 74.450 ng
RT: 14.560 min Scan# 1976
Delta R.T. 0.029 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:139 Resp: 643965
Ion Ratio Lower Upper
139 100
109 72.6 53.1 93.1
65 102.4 73.0 113.0

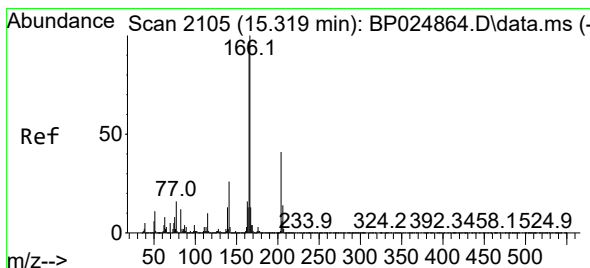
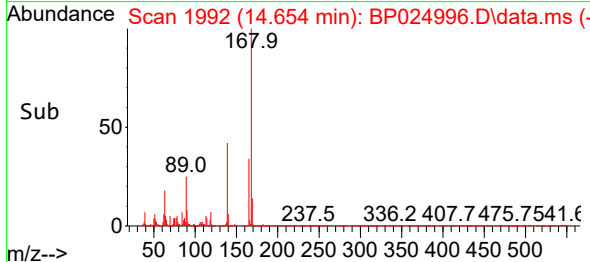
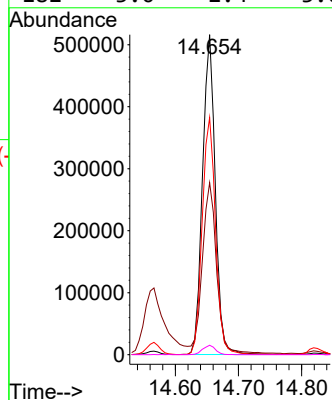
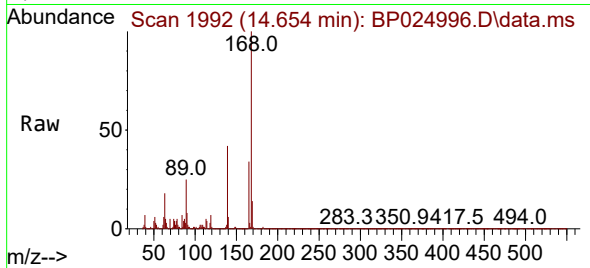




#57
2,4-Dinitrotoluene
Concen: 52.160 ng
RT: 14.654 min Scan# 1989
Delta R.T. 0.017 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

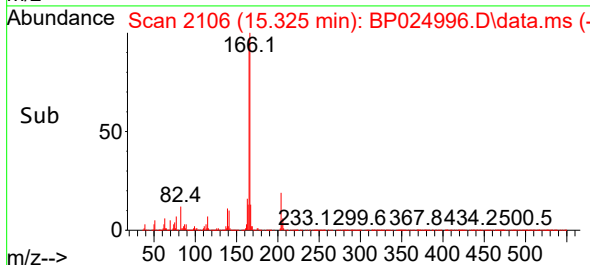
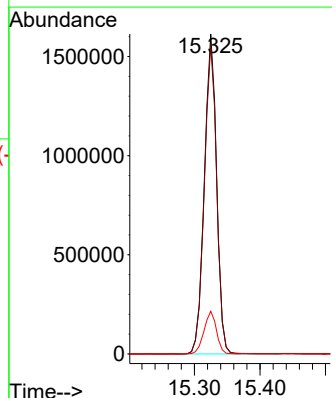
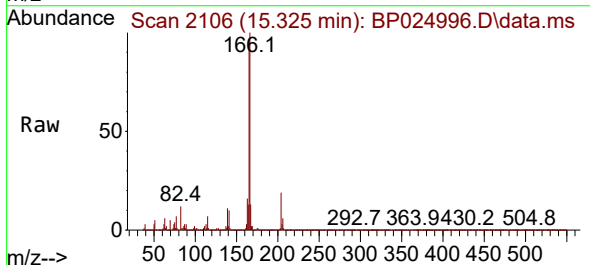
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

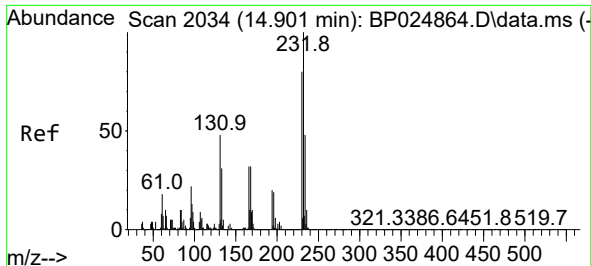
Tgt Ion:165 Resp: 722255
Ion Ratio Lower Upper
165 100
63 53.8 37.0 55.6
89 74.1 60.1 90.1
182 3.0 2.4 3.6



#58
Fluorene
Concen: 48.838 ng
RT: 15.325 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:166 Resp: 2103648
Ion Ratio Lower Upper
166 100
165 96.5 77.7 116.5
167 13.4 10.6 16.0

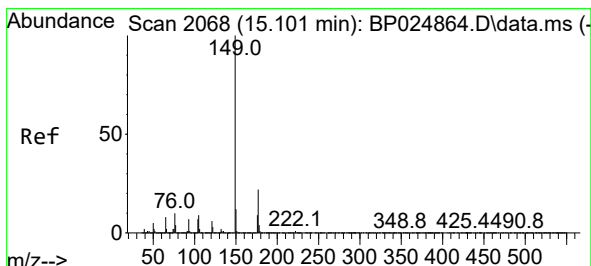
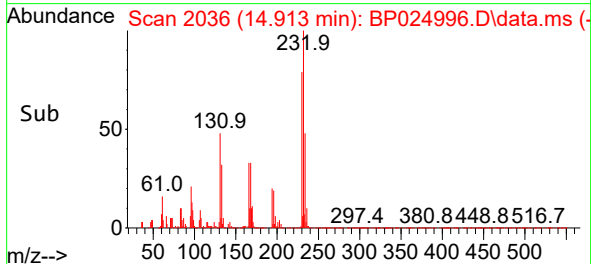
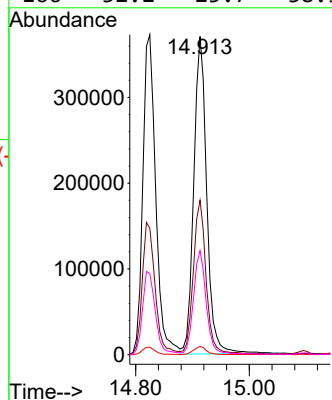
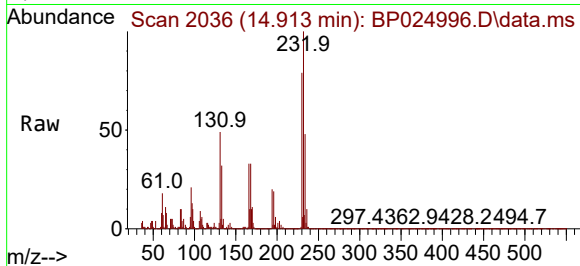




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.883 ng
RT: 14.913 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

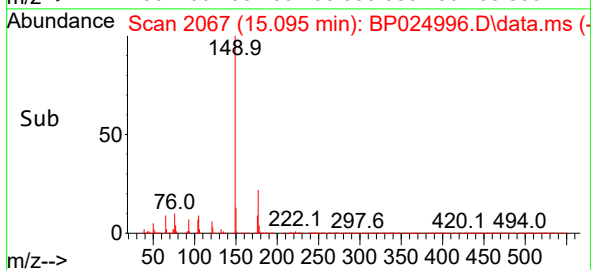
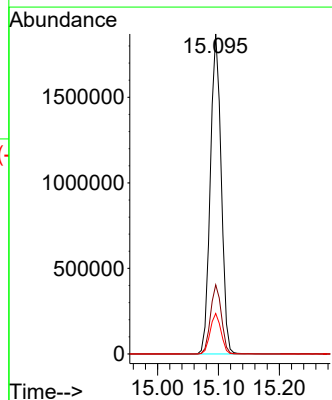
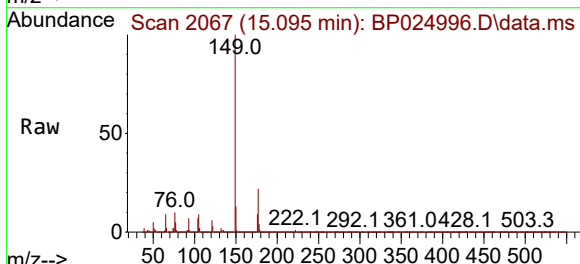
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

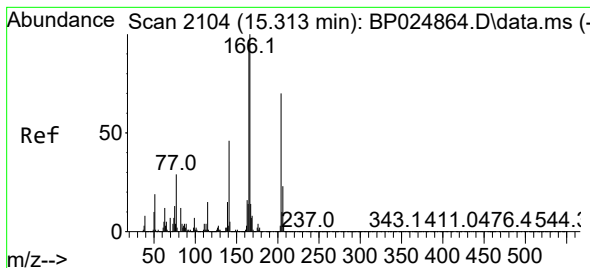
Tgt Ion:232 Resp: 588859
Ion Ratio Lower Upper
232 100
131 47.8 38.2 57.2
130 2.5 2.1 3.1
166 32.2 25.7 38.5



#60
Diethylphthalate
Concen: 50.643 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:149 Resp: 2317519
Ion Ratio Lower Upper
149 100
177 21.6 17.9 26.9
150 12.6 9.8 14.6

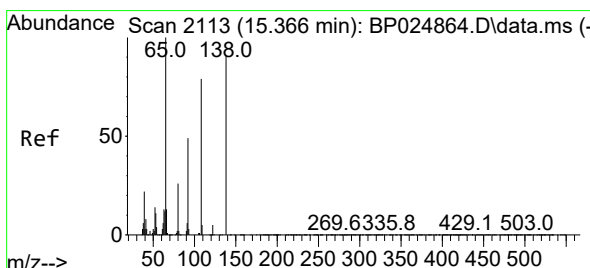
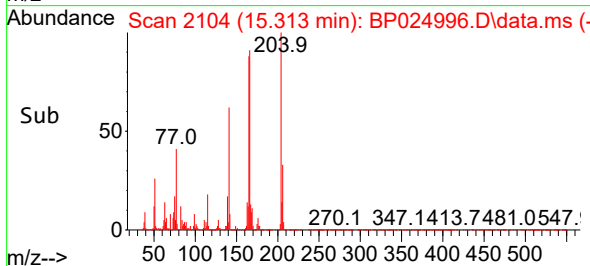
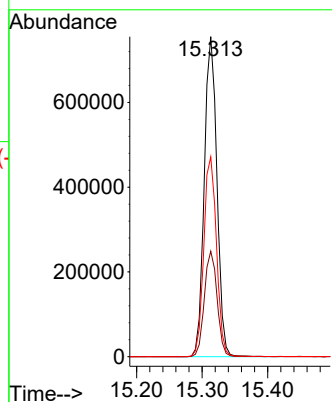
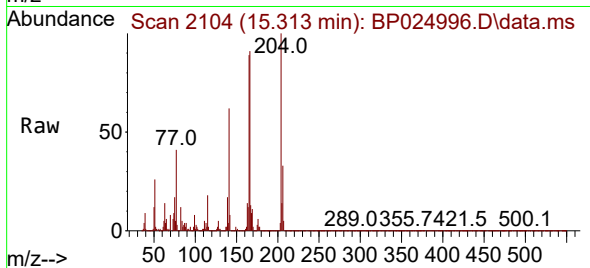




#61
4-Chlorophenyl-phenylether
Concen: 48.203 ng
RT: 15.313 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

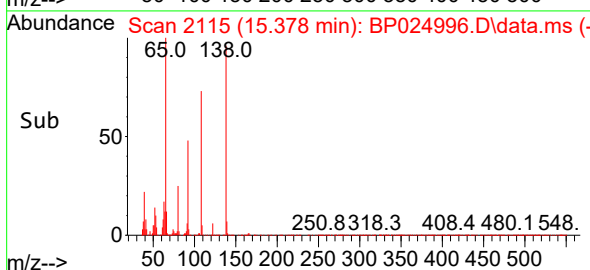
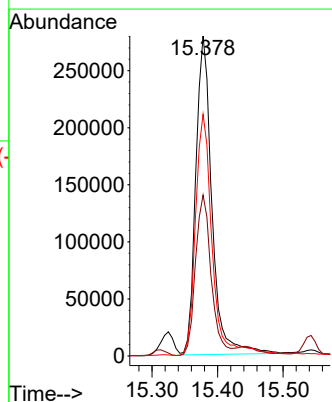
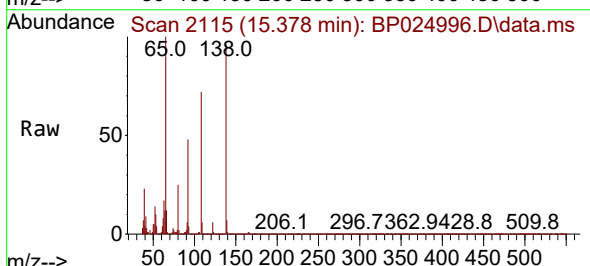
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

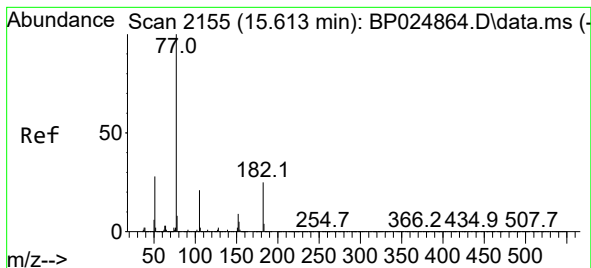
Tgt Ion:204 Resp: 1015205
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 62.4 52.4 78.6



#62
4-Nitroaniline
Concen: 51.372 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.012 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:138 Resp: 478495
Ion Ratio Lower Upper
138 100
92 50.3 33.5 73.5
108 75.6 65.1 105.1





#63

Azobenzene

Concen: 50.335 ng

RT: 15.613 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

Tgt Ion: 77 Resp: 2112572

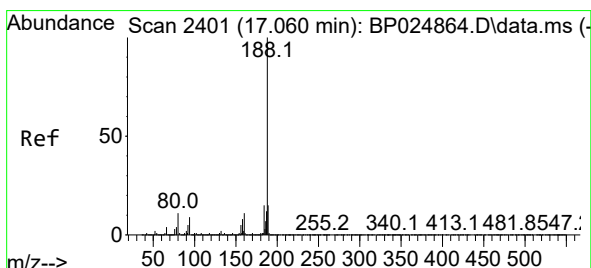
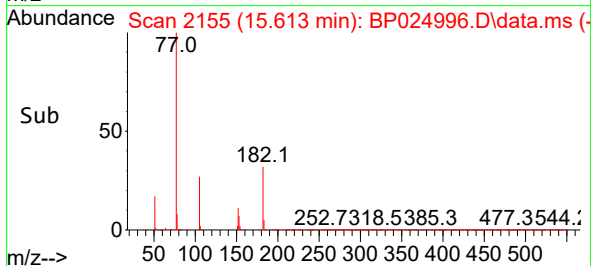
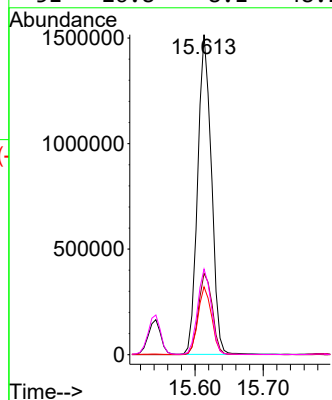
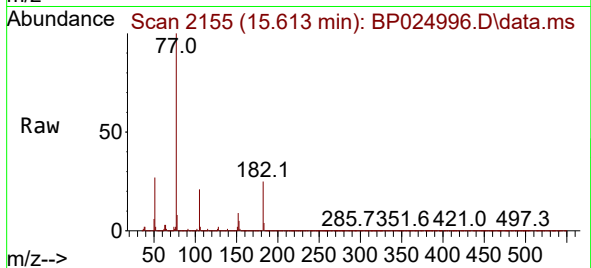
Ion Ratio Lower Upper

77 100

182 25.4 5.4 45.4

105 21.2 0.8 40.8

51 26.8 8.1 48.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.060 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

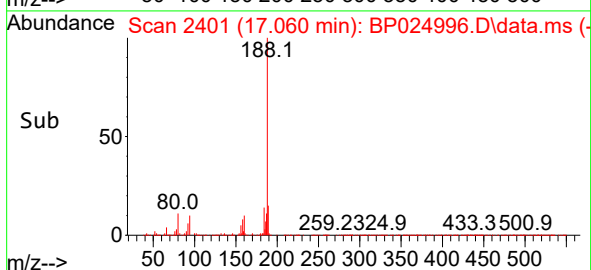
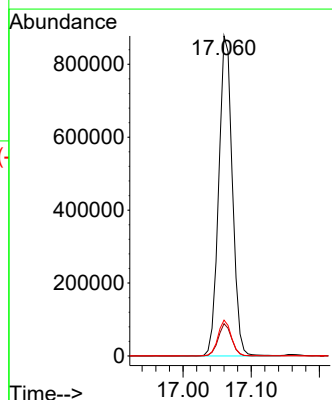
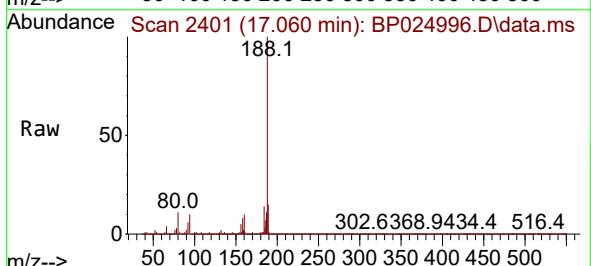
Tgt Ion: 188 Resp: 1221720

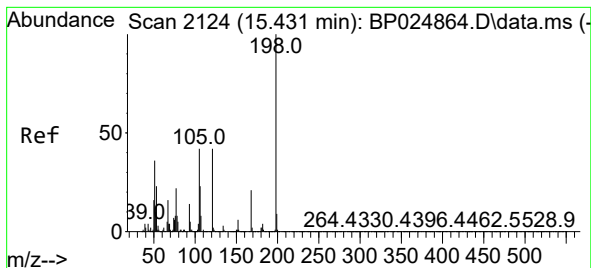
Ion Ratio Lower Upper

188 100

94 10.1 7.3 10.9

80 11.2 8.5 12.7

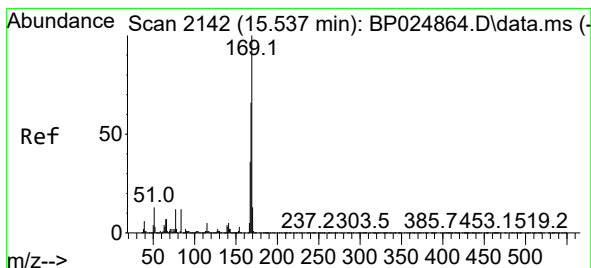
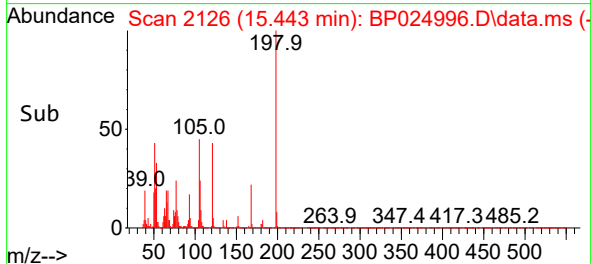
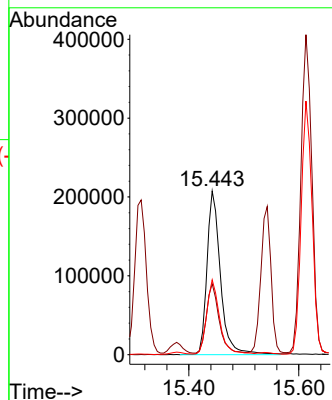
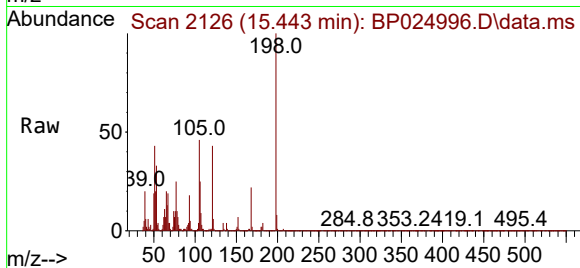




#65
4,6-Dinitro-2-methylphenol
Concen: 43.893 ng
RT: 15.443 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

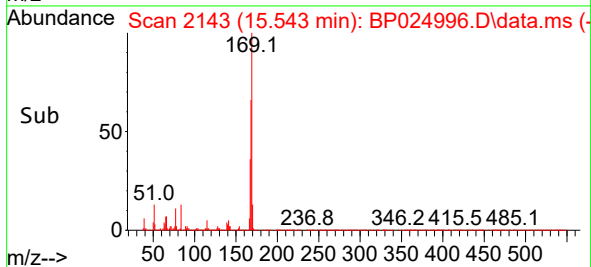
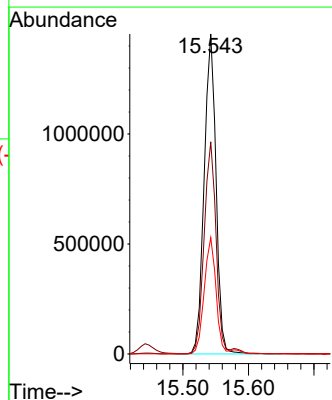
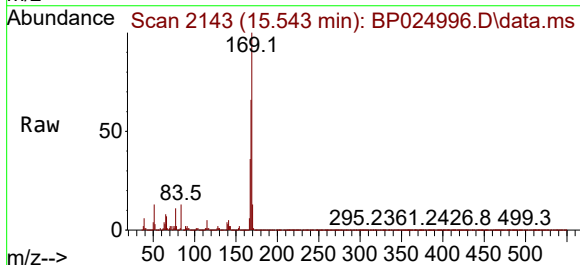
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

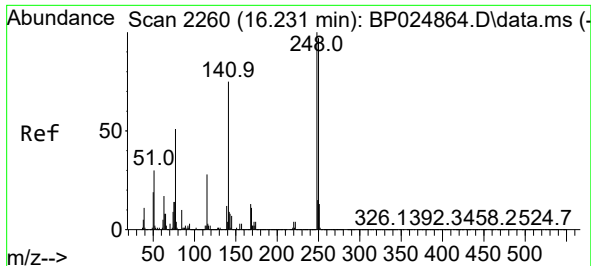
Tgt Ion:198 Resp: 352362
Ion Ratio Lower Upper
198 100
51 43.3 19.2 59.2
105 45.8 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 48.452 ng
RT: 15.543 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:169 Resp: 1834760
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.4 28.6 43.0

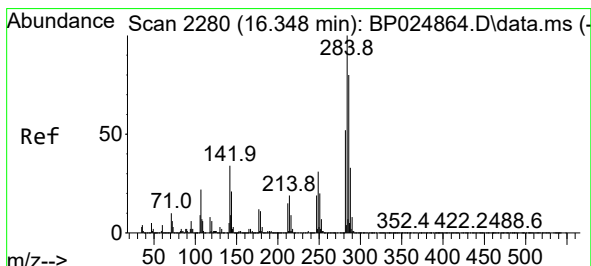
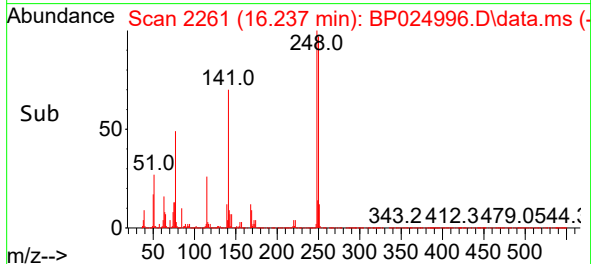
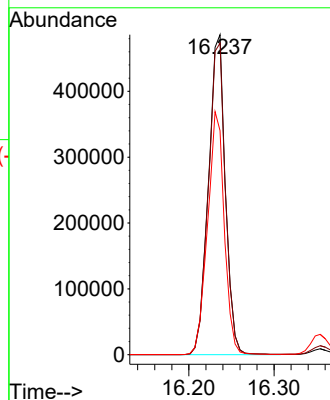
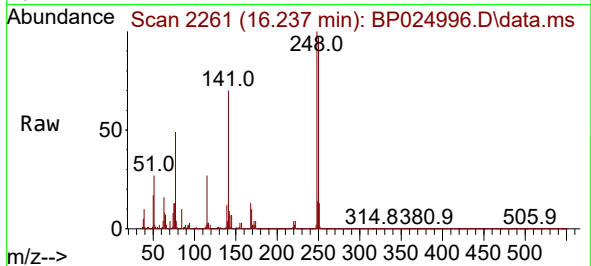




#67
4-Bromophenyl-phenylether
Concen: 48.681 ng
RT: 16.237 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

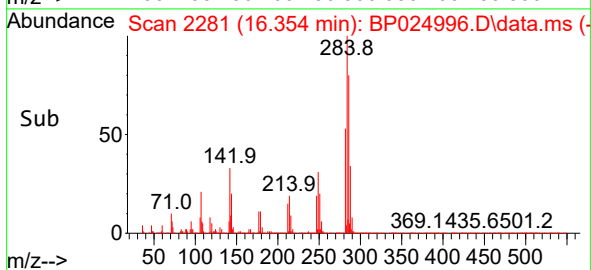
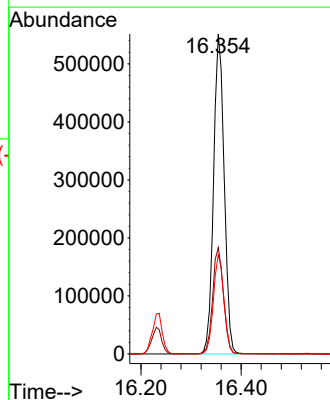
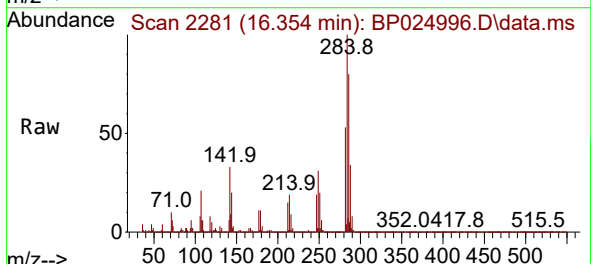
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

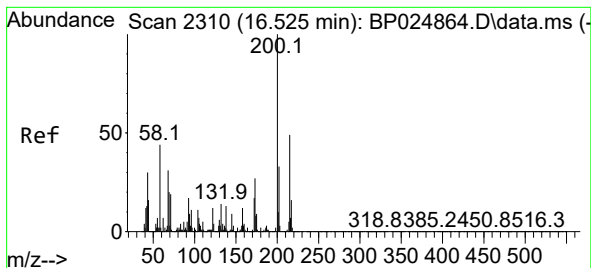
Tgt Ion:248 Resp: 671068
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.2
141 70.0 59.9 89.9



#68
Hexachlorobenzene
Concen: 48.601 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:284 Resp: 812187
Ion Ratio Lower Upper
284 100
142 33.2 27.0 40.6
249 31.0 25.0 37.6





#69

Atrazine

Concen: 50.835 ng

RT: 16.531 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

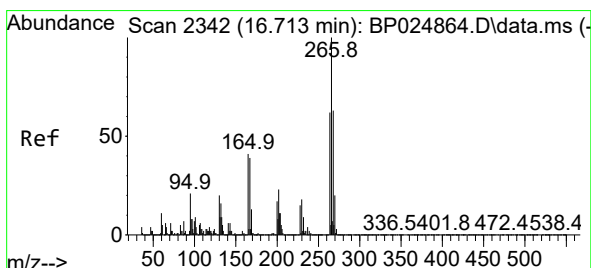
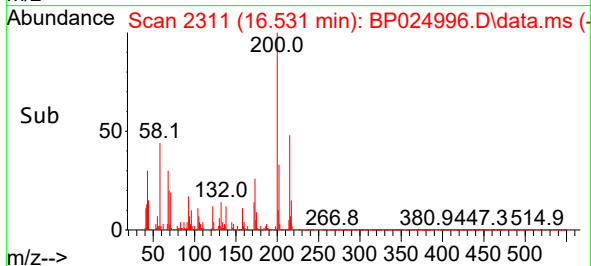
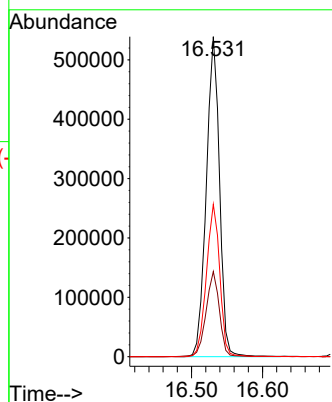
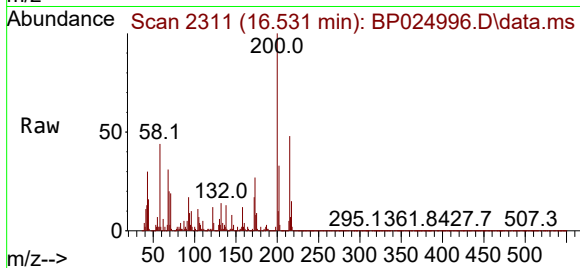
Tgt Ion:200 Resp: 697843

Ion Ratio Lower Upper

200 100

173 26.6 6.9 46.9

215 47.6 28.7 68.7



#70

Pentachlorophenol

Concen: 115.069 ng

RT: 16.725 min Scan# 2344

Delta R.T. 0.012 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

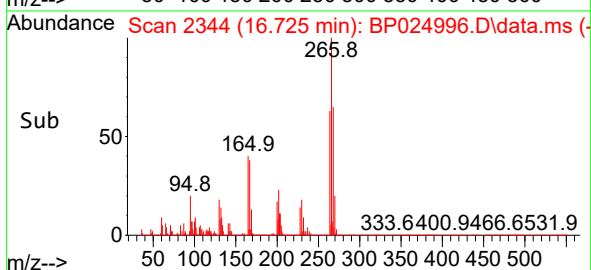
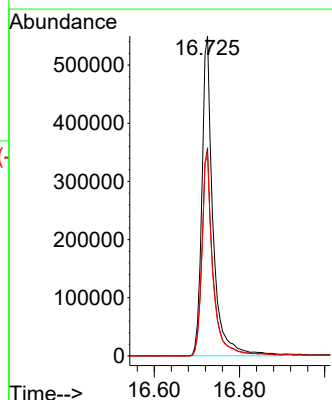
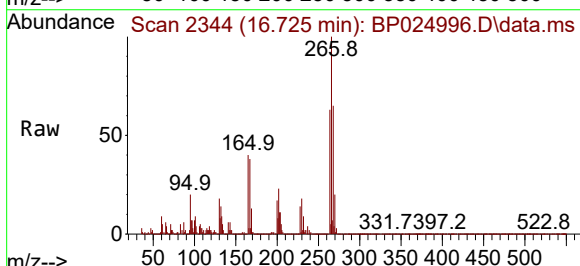
Tgt Ion:266 Resp: 995226

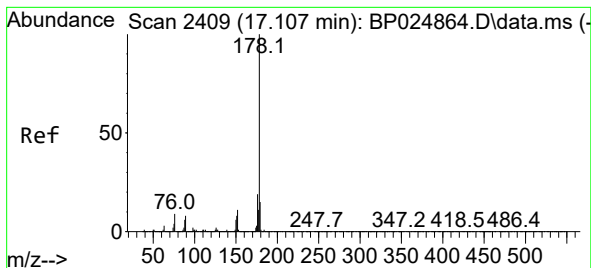
Ion Ratio Lower Upper

266 100

268 65.1 50.6 76.0

264 62.9 49.7 74.5

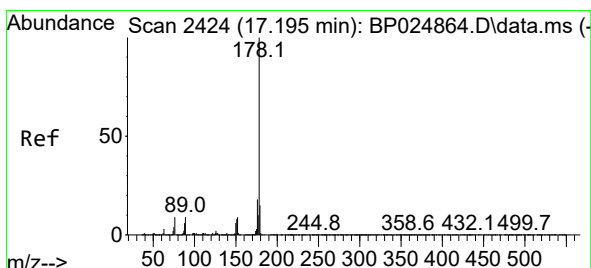
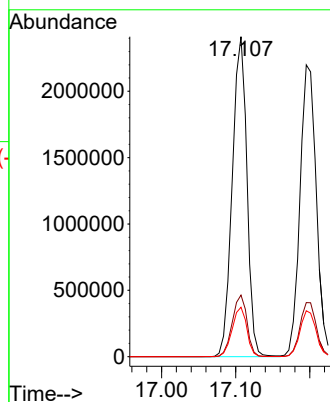
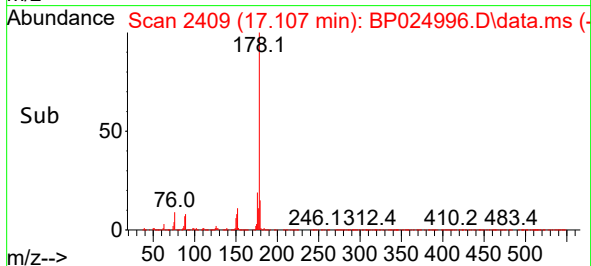
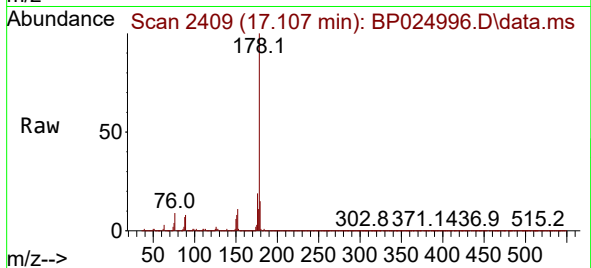




#71
Phenanthrene
Concen: 49.134 ng
RT: 17.107 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

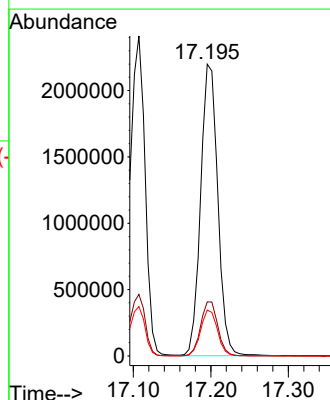
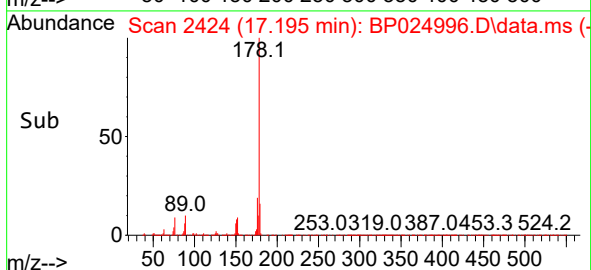
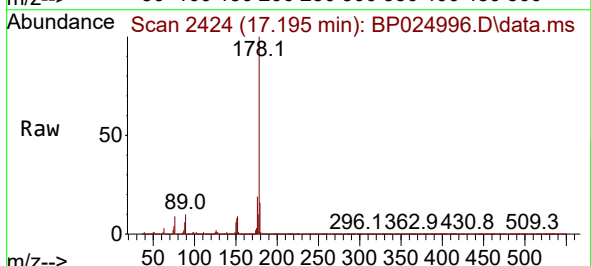
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

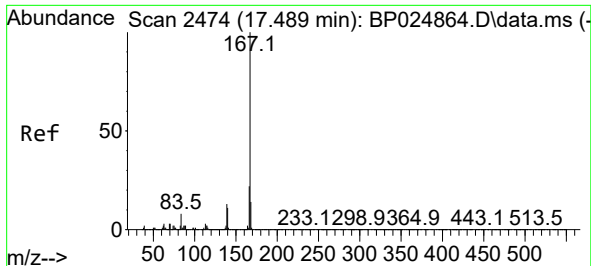
Tgt Ion:178 Resp: 3317207
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.5 12.1 18.1



#72
Anthracene
Concen: 49.381 ng
RT: 17.195 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:178 Resp: 3376496
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.7 12.3 18.5

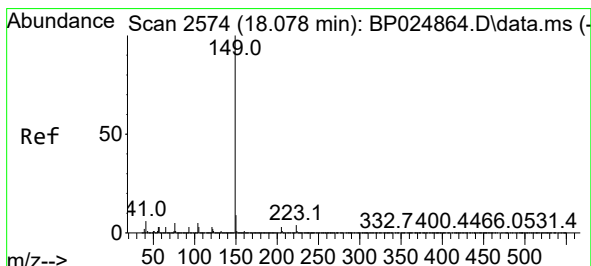
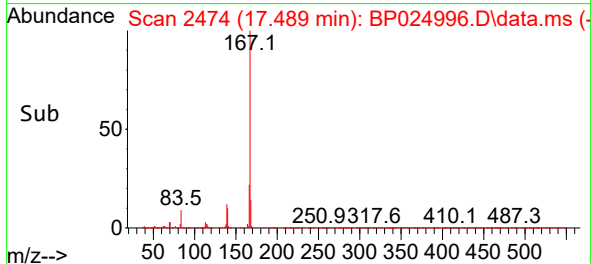
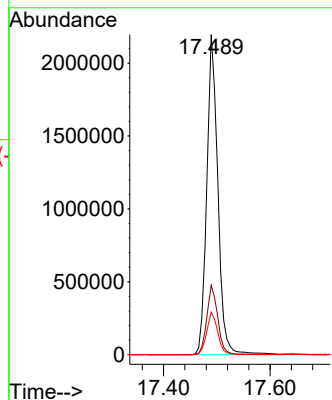
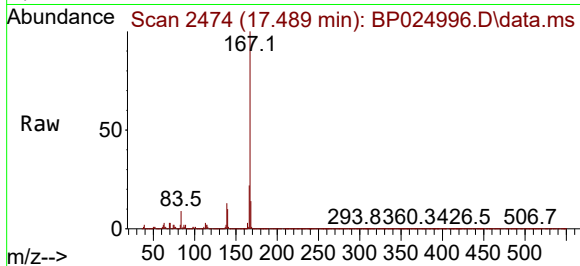




#73
 Carbazole
 Concen: 50.113 ng
 RT: 17.489 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BP024996.D
 Acq: 18 Jun 2025 16:08

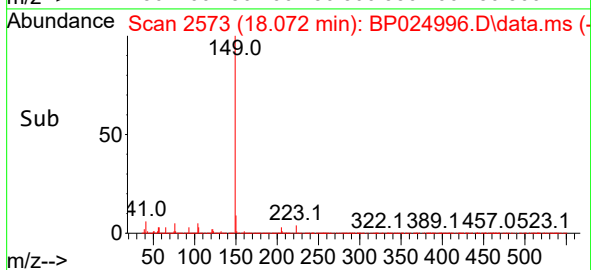
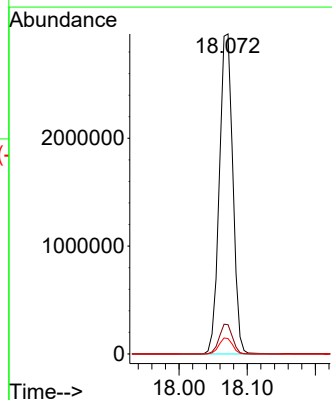
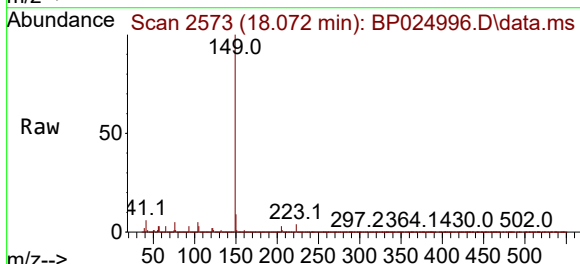
Instrument :
 BNA_P
 ClientSampleId :
 TP03-MH2MH3-WCMSD

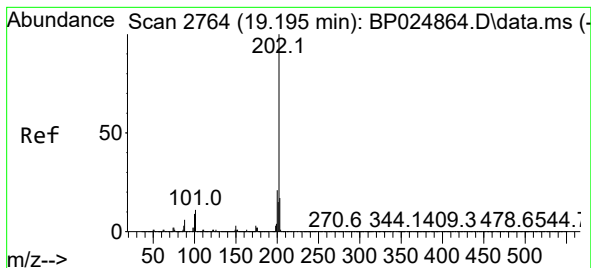
Tgt Ion:167 Resp: 3176084
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.3 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 52.006 ng
 RT: 18.072 min Scan# 2573
 Delta R.T. -0.006 min
 Lab File: BP024996.D
 Acq: 18 Jun 2025 16:08

Tgt Ion:149 Resp: 4083712
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.8 4.2 6.2

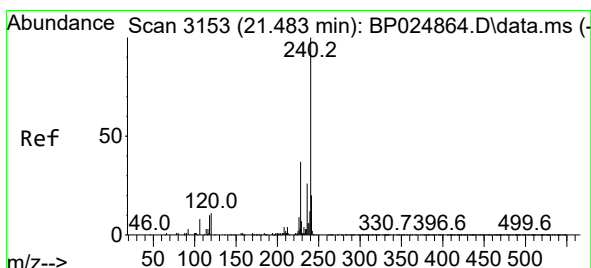
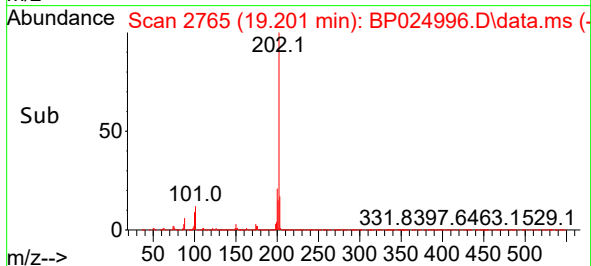
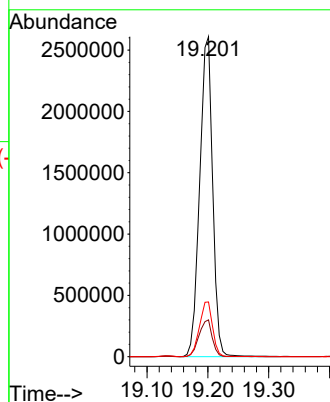
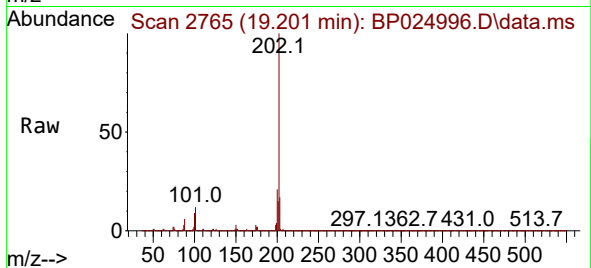




#75
Fluoranthene
Concen: 49.044 ng
RT: 19.201 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

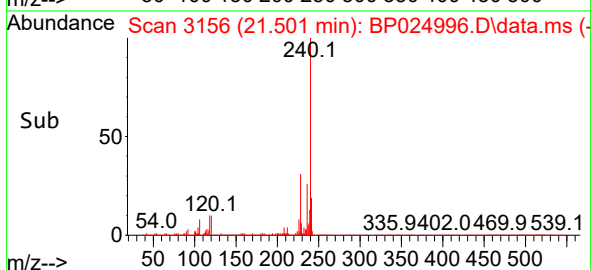
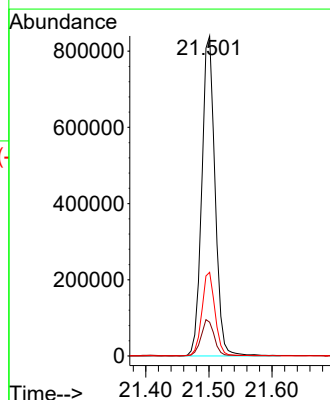
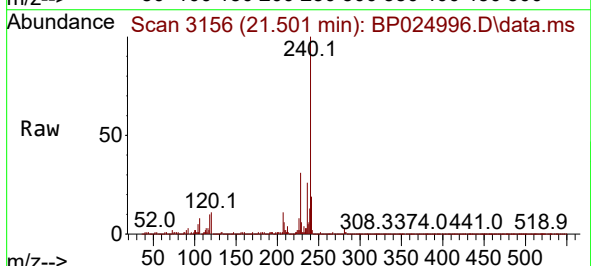
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

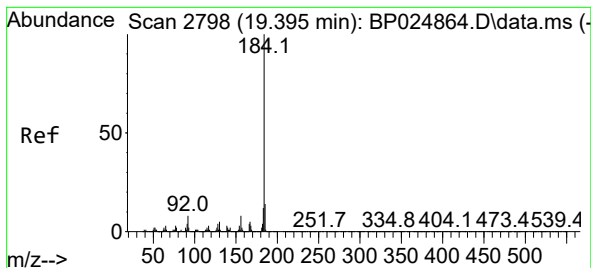
Tgt Ion:202 Resp: 3837761
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3156
Delta R.T. 0.018 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:240 Resp: 1225335
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.1 20.9 31.3





#77

Benzidine

Concen: 24.747 ng

RT: 19.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

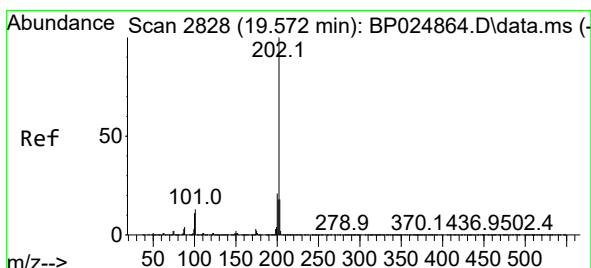
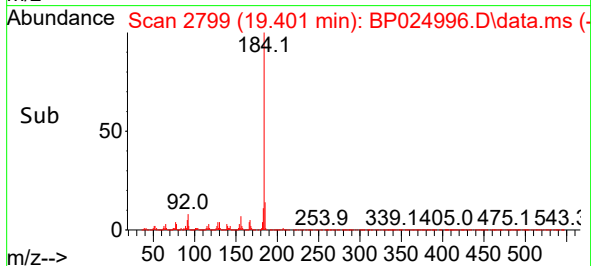
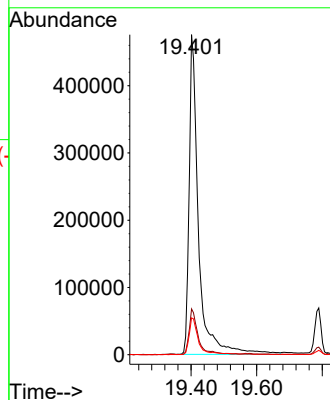
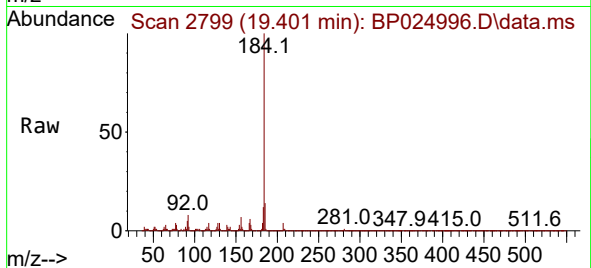
Tgt Ion:184 Resp: 939167

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.5 9.5 14.3



#78

Pyrene

Concen: 52.071 ng

RT: 19.578 min Scan# 2829

Delta R.T. 0.006 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

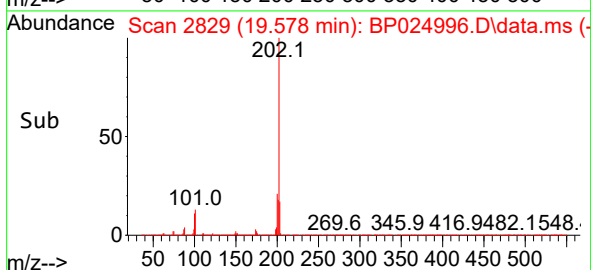
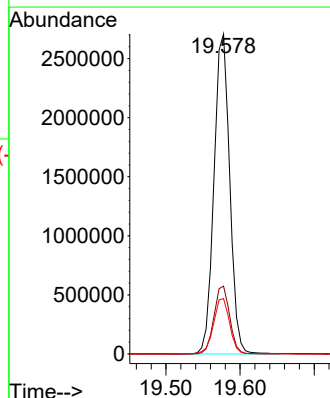
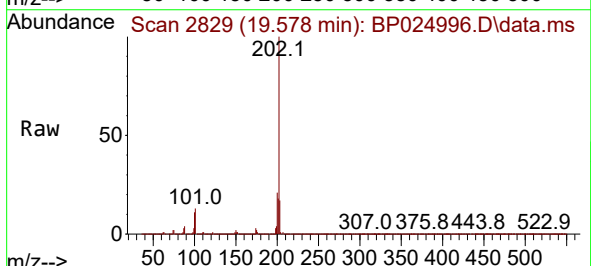
Tgt Ion:202 Resp: 3986111

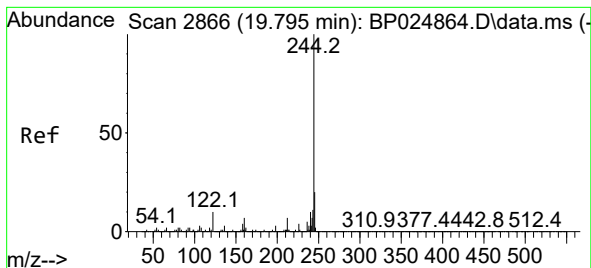
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.3 14.0 21.0





#79

Terphenyl-d14

Concen: 89.616 ng

RT: 19.789 min Scan# 2865

Delta R.T. -0.006 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

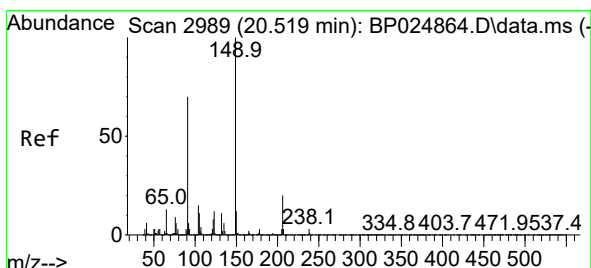
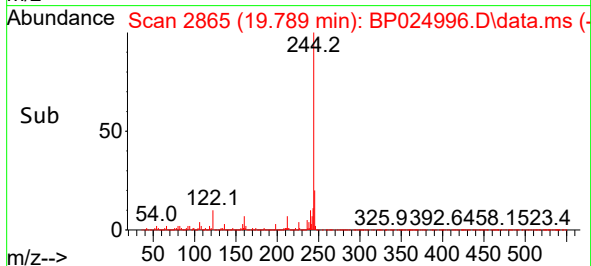
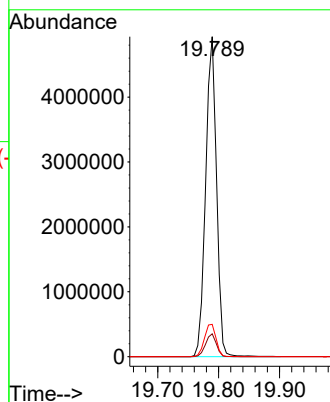
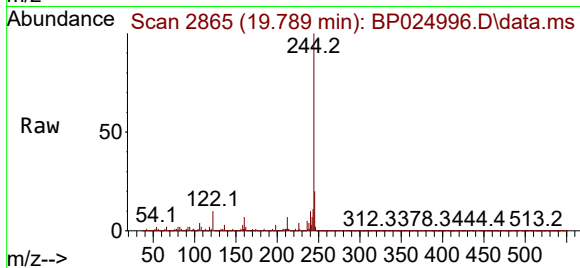
Tgt Ion:244 Resp: 6126939

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.1 7.7 11.5



#80

Butylbenzylphthalate

Concen: 52.732 ng

RT: 20.519 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

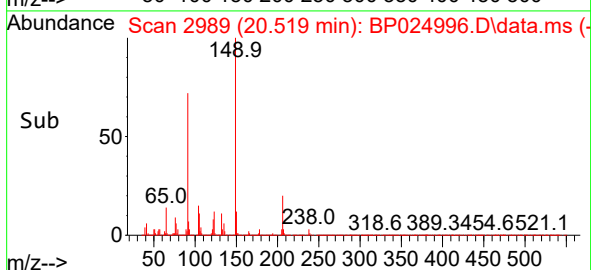
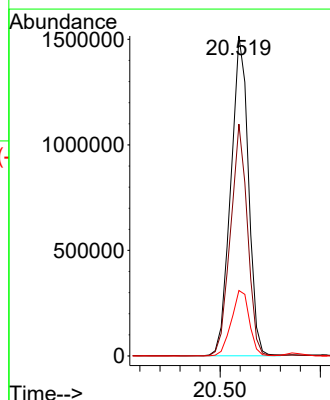
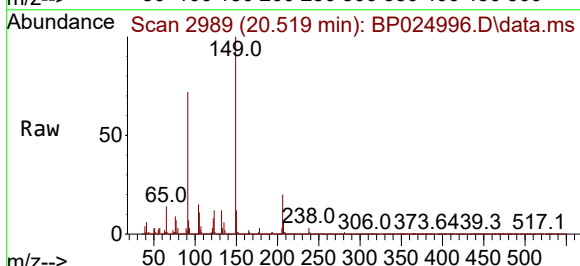
Tgt Ion:149 Resp: 1849033

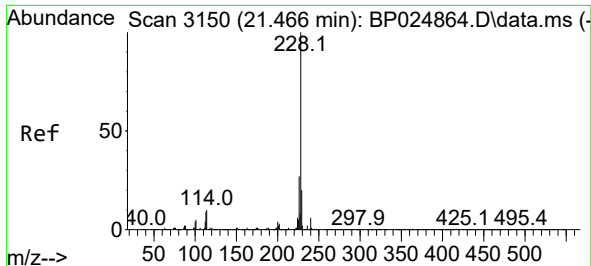
Ion Ratio Lower Upper

149 100

91 72.4 55.8 83.8

206 20.4 16.2 24.2

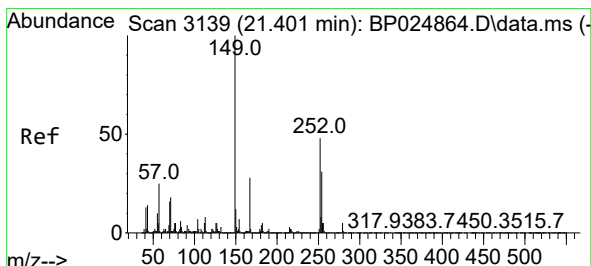
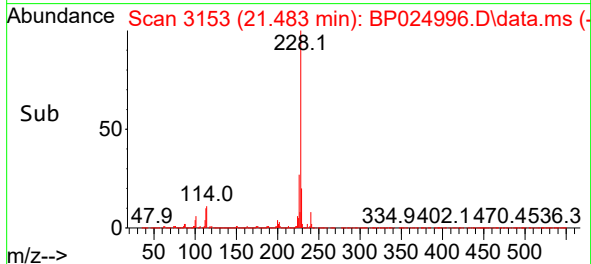
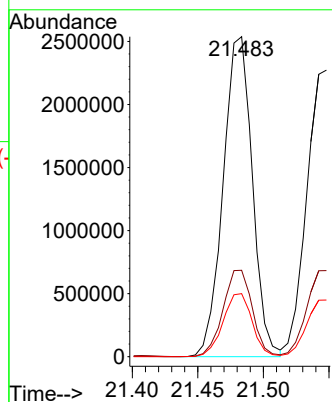
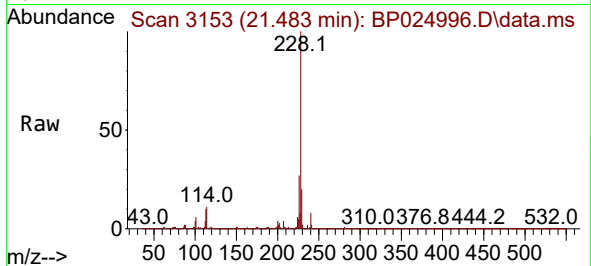




#81
Benzo(a)anthracene
Concen: 50.111 ng
RT: 21.483 min Scan# 3150
Delta R.T. 0.018 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

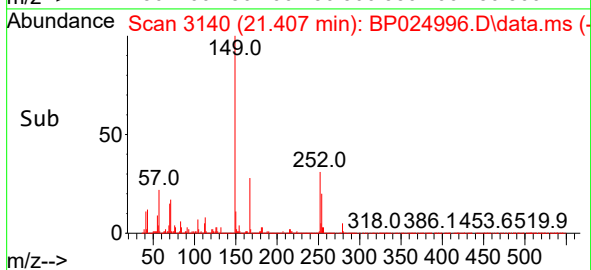
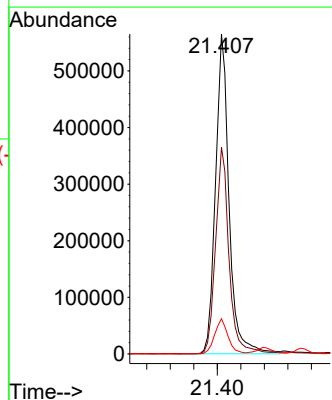
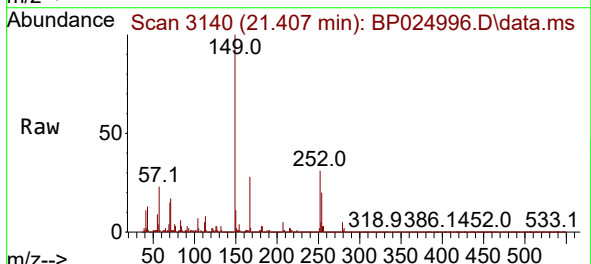
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

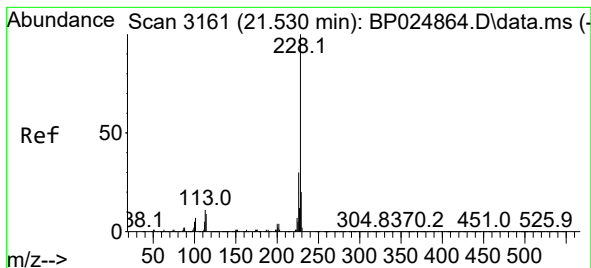
Tgt Ion:228 Resp: 3927206
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 28.960 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.006 min
Lab File: BP024996.D
Acq: 18 Jun 2025 16:08

Tgt Ion:252 Resp: 901042
Ion Ratio Lower Upper
252 100
254 64.7 51.2 76.8
126 11.0 8.6 12.8





#83

Chrysene

Concen: 49.624 ng

RT: 21.548 min Scan# 3161

Delta R.T. 0.018 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

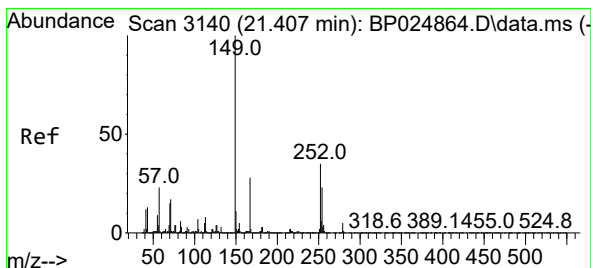
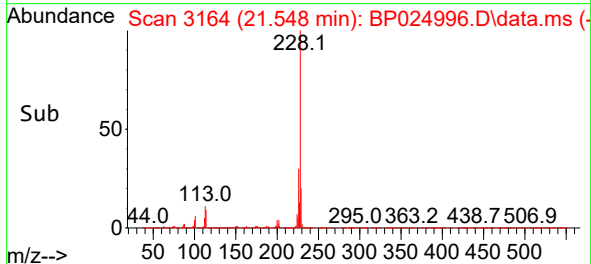
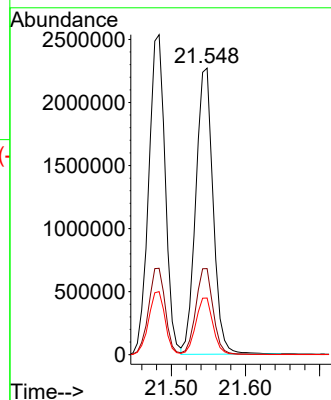
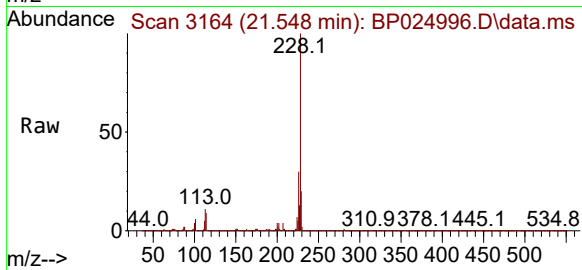
Tgt Ion:228 Resp: 3684987

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.460 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

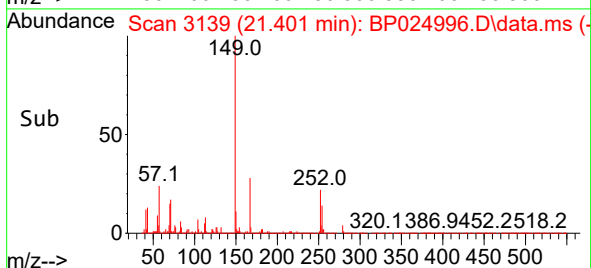
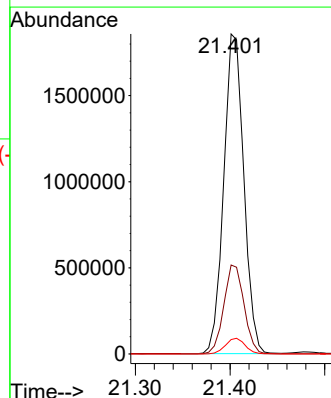
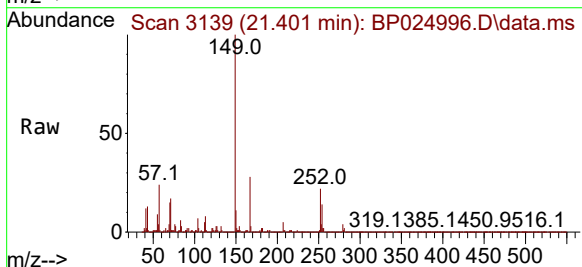
Tgt Ion:149 Resp: 2736053

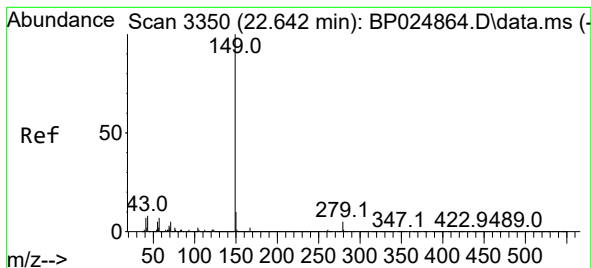
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 4.5 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 52.839 ng

RT: 22.648 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

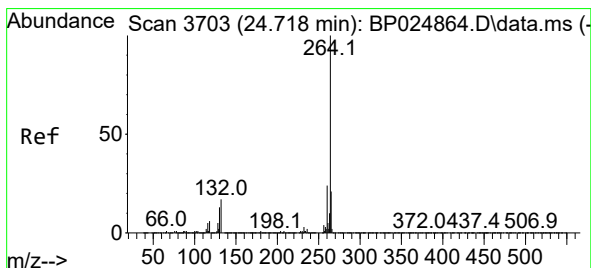
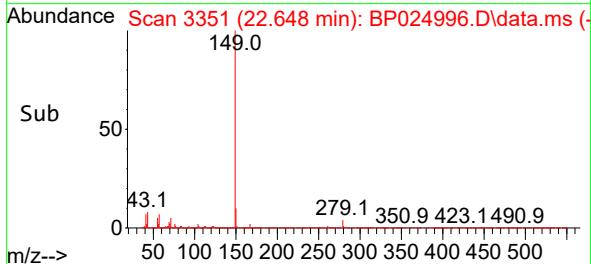
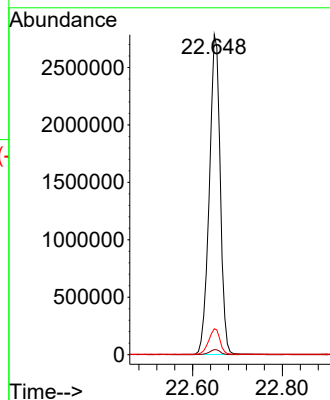
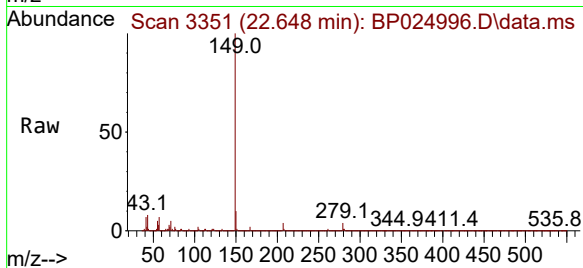
Tgt Ion:149 Resp: 4678984

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.783 min Scan# 3714

Delta R.T. 0.065 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

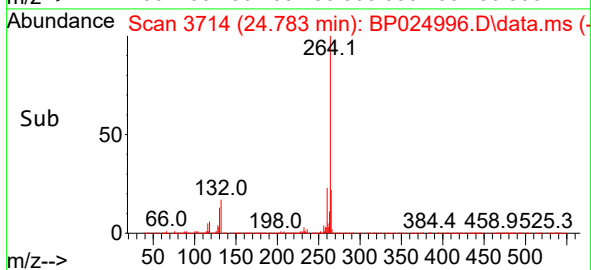
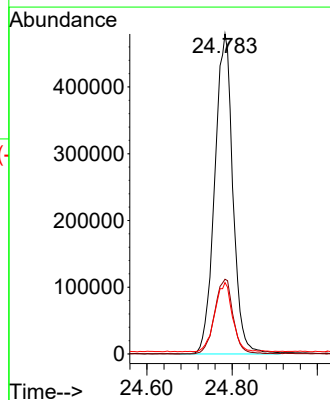
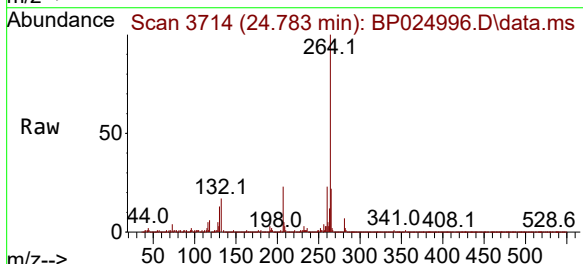
Tgt Ion:264 Resp: 1418513

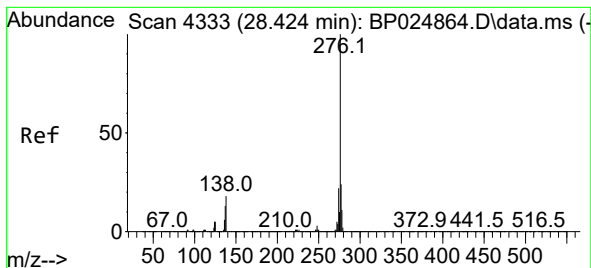
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.849 ng

RT: 28.495 min Scan# 41

Delta R.T. 0.071 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

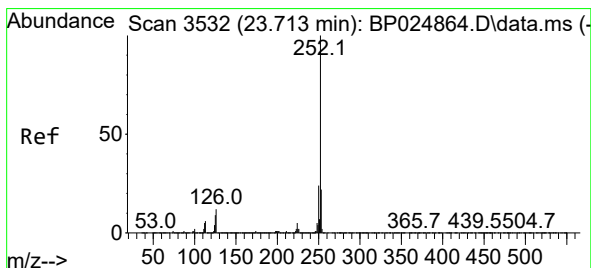
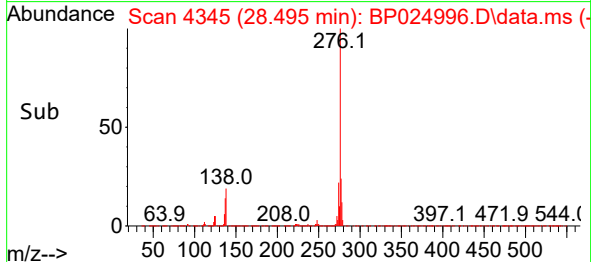
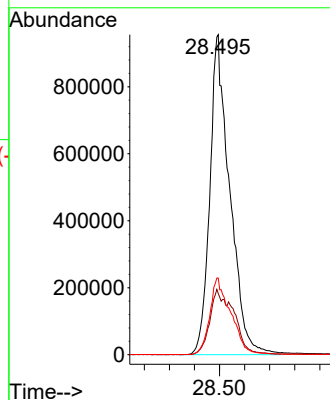
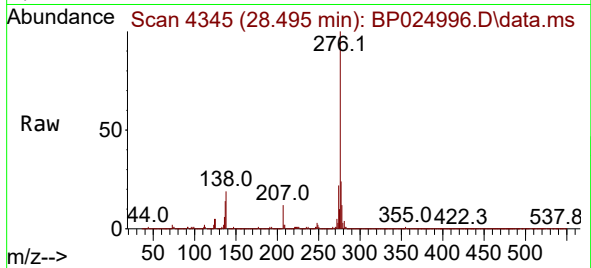
Tgt Ion:276 Resp: 5262749

Ion Ratio Lower Upper

276 100

138 15.6 18.6 27.8#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 49.986 ng m

RT: 23.736 min Scan# 3536

Delta R.T. 0.024 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

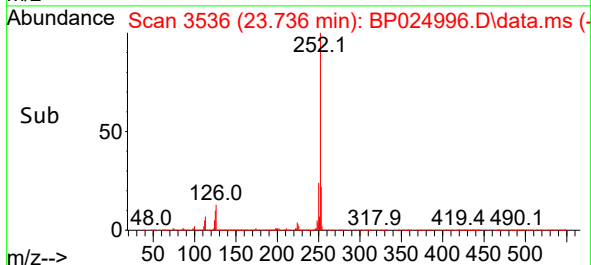
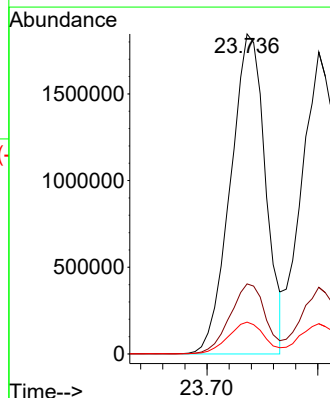
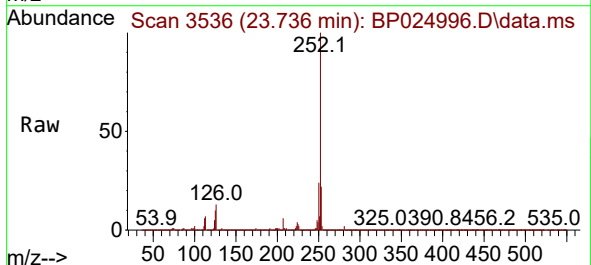
Tgt Ion:252 Resp: 4057979

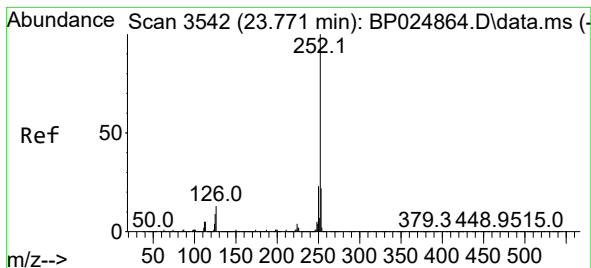
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 51.863 ng

RT: 23.801 min Scan# 3

Delta R.T. 0.029 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

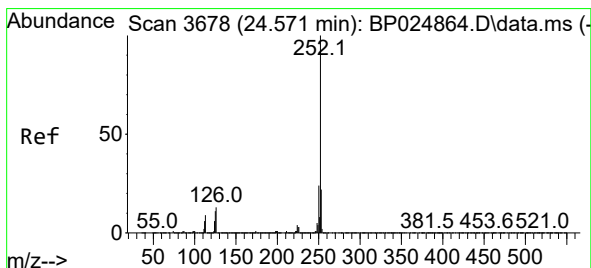
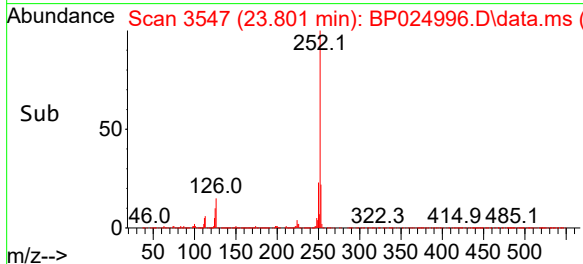
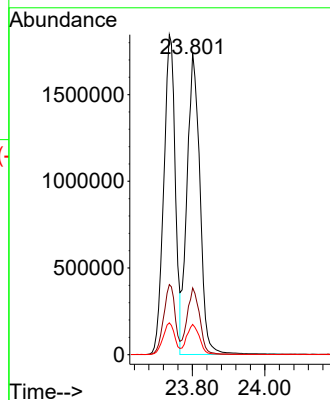
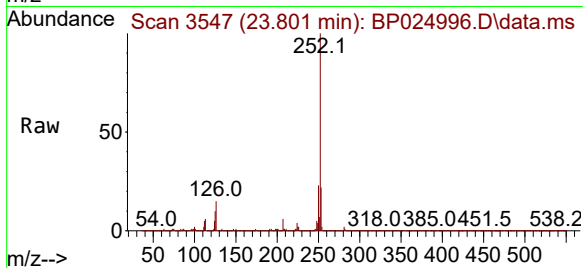
Tgt Ion:252 Resp: 4285746

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.0 7.4 11.0



#90

Benzo(a)pyrene

Concen: 50.917 ng

RT: 24.619 min Scan# 3686

Delta R.T. 0.047 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

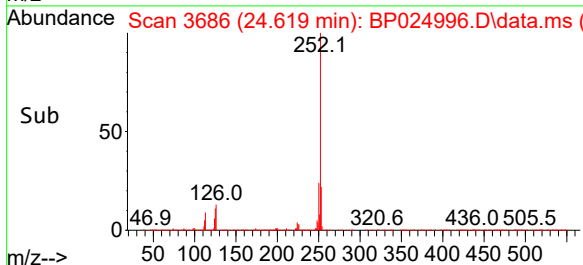
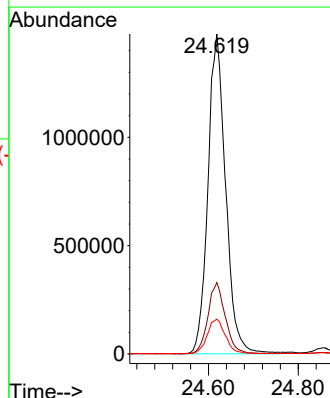
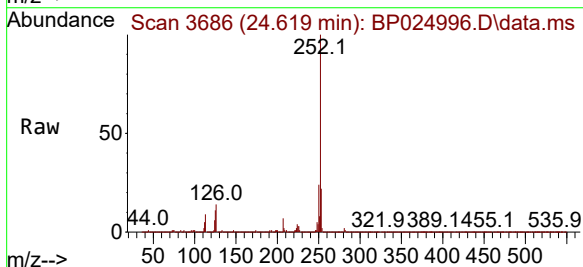
Tgt Ion:252 Resp: 4036759

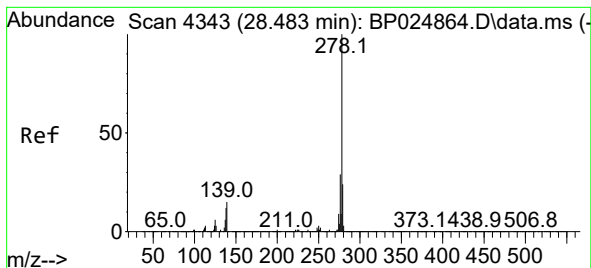
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 10.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 51.337 ng

RT: 28.554 min Scan# 41

Delta R.T. 0.071 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMSD

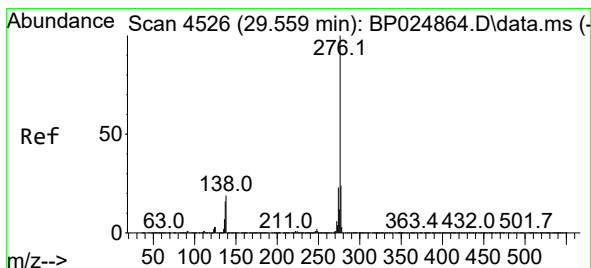
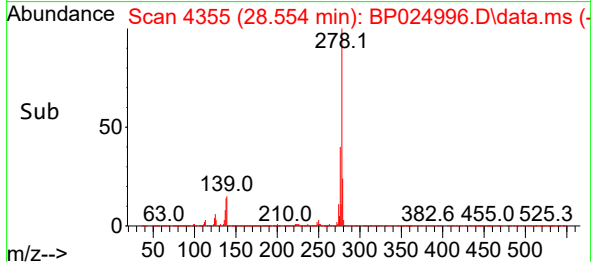
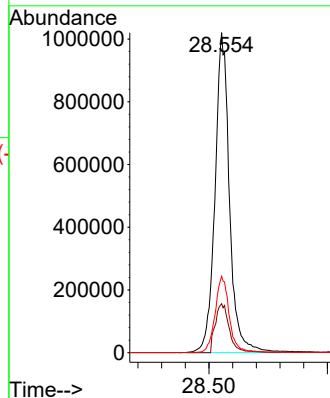
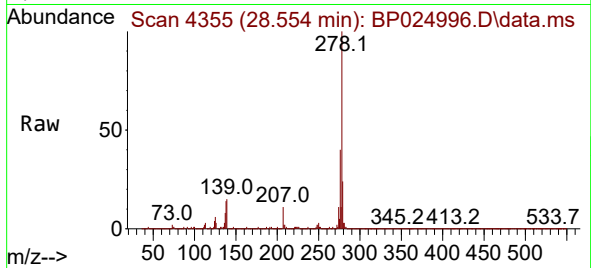
Tgt Ion:278 Resp: 4324889

Ion Ratio Lower Upper

278 100

139 15.3 12.0 18.0

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.062 ng

RT: 29.648 min Scan# 4541

Delta R.T. 0.088 min

Lab File: BP024996.D

Acq: 18 Jun 2025 16:08

Tgt Ion:276 Resp: 4184549

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 20.8 15.4 23.2

