

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
 Data File : BP024995.D
 Acq On : 18 Jun 2025 15:26
 Operator : RC/JU
 Sample : Q2311-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP03-MH2MH3-WCMS

Quant Time: Jun 18 15:48:34 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	242047	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	965848	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	614166	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1216080	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1258513	20.000	ng	0.02
86) Perylene-d12	24.771	264	1511485	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1970717	135.904	ng	0.00
7) Phenol-d6	6.814	99	2335784	121.744	ng	0.00
23) Nitrobenzene-d5	8.761	82	1683911	84.720	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1231452	145.027	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3713121	81.444	ng	0.00
79) Terphenyl-d14	19.789	244	6194695	88.219	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.173	88	233736	36.633	ng	# 58
3) Pyridine	3.573	79	607536	39.593	ng	99
4) n-Nitrosodimethylamine	3.478	42	263396	41.987	ng	95
6) Aniline	6.949	93	613124	25.041	ng	99
8) 2-Chlorophenol	7.184	128	773411	47.049	ng	100
9) Benzaldehyde	6.761	77	417644	37.766	ng	100
10) Phenol	6.843	94	822820	41.601	ng	98
11) bis(2-Chloroethyl)ether	7.037	93	714257	45.914	ng	99
12) 1,3-Dichlorobenzene	7.496	146	782730	42.683	ng	99
13) 1,4-Dichlorobenzene	7.637	146	798490	43.154	ng	100
14) 1,2-Dichlorobenzene	7.949	146	766159	42.167	ng	99
15) Benzyl Alcohol	7.855	79	689279	46.811	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.131	45	903934	44.396	ng	99
17) 2-Methylphenol	8.072	107	637440	46.152	ng	98
18) Hexachloroethane	8.661	117	298119	42.794	ng	98
19) n-Nitroso-di-n-propyla...	8.408	70	569886	43.693	ng	99
20) 3+4-Methylphenols	8.402	107	851471	45.186	ng	96
22) Acetophenone	8.425	105	1120345	45.911	ng	99
24) Nitrobenzene	8.802	77	834079	47.236	ng	99
25) Isophorone	9.319	82	1622372	47.097	ng	99
26) 2-Nitrophenol	9.502	139	426264	48.926	ng	98
27) 2,4-Dimethylphenol	9.578	122	735556	49.330	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	987853	48.074	ng	99
29) 2,4-Dichlorophenol	10.060	162	730516	51.060	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	722759	44.789	ng	98
31) Naphthalene	10.425	128	2255528	45.570	ng	100
32) Benzoic acid	9.766	122	306657	30.434	ng	94
33) 4-Chloroaniline	10.566	127	325962	15.719	ng	100
34) Hexachlorobutadiene	10.696	225	433953	44.618	ng	98
35) Caprolactam	11.354	113	219676	41.713	ng	97
36) 4-Chloro-3-methylphenol	11.707	107	832967	50.476	ng	100
37) 2-Methylnaphthalene	12.043	142	1450864	46.211	ng	99
38) 1-Methylnaphthalene	12.266	142	1532263	45.649	ng	99
40) 1,2,4,5-Tetrachloroben...	12.425	216	804930	46.188	ng	100
41) Hexachlorocyclopentadiene	12.390	237	835920	78.641	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	589260	50.349	ng	98

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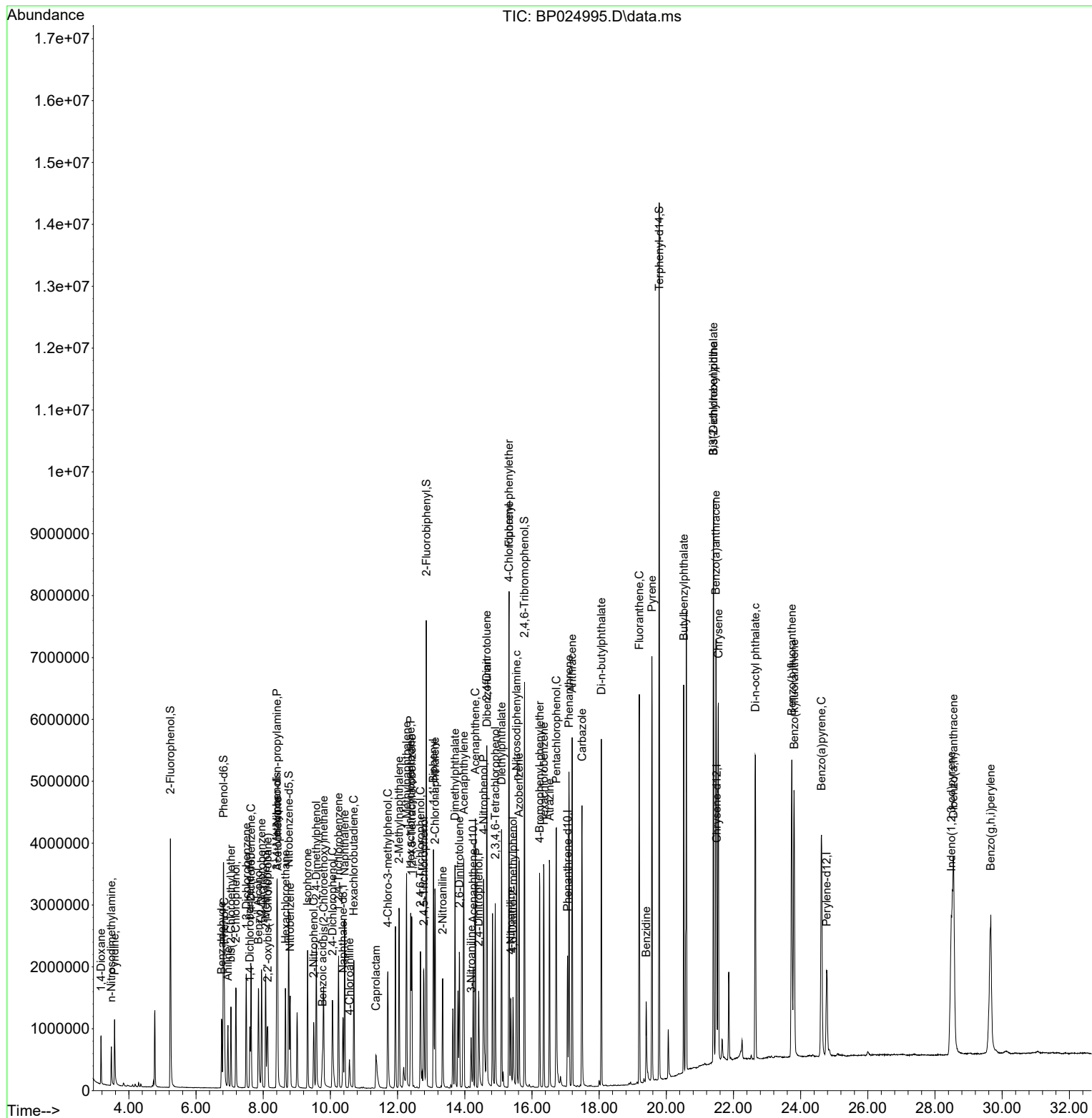
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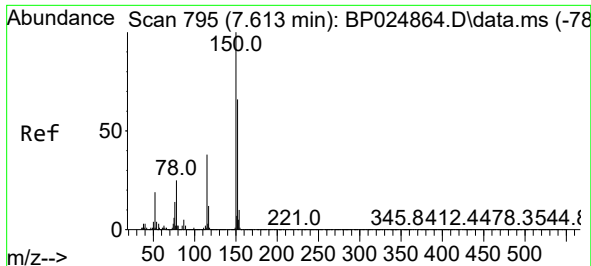
Quant Time: Jun 18 15:48:34 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	638845	50.970	ng	99
46) 1,1'-Biphenyl	13.066	154	2127848	47.674	ng	99
47) 2-Chloronaphthalene	13.113	162	1599570	46.629	ng	99
48) 2-Nitroaniline	13.343	65	538789	51.088	ng	96
49) Acenaphthylene	13.972	152	2703658	47.269	ng	100
50) Dimethylphthalate	13.707	163	2311406	51.018	ng	100
51) 2,6-Dinitrotoluene	13.837	165	491960	50.370	ng	99
52) Acenaphthene	14.313	154	1561197	47.633	ng	99
53) 3-Nitroaniline	14.190	138	257325	25.388	ng	99
54) 2,4-Dinitrophenol	14.413	184	479264	75.680	ng	95
55) Dibenzofuran	14.660	168	2493777	47.400	ng	98
56) 4-Nitrophenol	14.560	139	629869	73.850	ng	91
57) 2,4-Dinitrotoluene	14.654	165	701358	51.335	ng	96
58) Fluorene	15.319	166	2057394	48.409	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	580077	51.799	ng	99
60) Diethylphthalate	15.095	149	2311971	51.204	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	1001717	48.204	ng	99
62) 4-Nitroaniline	15.372	138	461293	50.193	ng	94
63) Azobenzene	15.613	77	2064593	49.856	ng	99
65) 4,6-Dinitro-2-methylph...	15.437	198	367659	46.011	ng	94
66) n-Nitrosodiphenylamine	15.543	169	1838746	48.782	ng	99
67) 4-Bromophenyl-phenylether	16.231	248	662017	48.247	ng	96
68) Hexachlorobenzene	16.354	284	790416	47.517	ng	96
69) Atrazine	16.525	200	705811	51.653	ng	99
70) Pentachlorophenol	16.725	266	972643	112.979	ng	99
71) Phenanthrene	17.101	178	3205790	47.704	ng	99
72) Anthracene	17.195	178	3290810	48.351	ng	99
73) Carbazole	17.489	167	3156761	50.040	ng	100
74) Di-n-butylphthalate	18.066	149	4078294	52.178	ng	100
75) Fluoranthene	19.195	202	3807278	48.880	ng	100
77) Benzidine	19.401	184	1005765	25.803	ng	100
78) Pyrene	19.572	202	3945102	50.176	ng	100
80) Butylbenzylphthalate	20.519	149	1942979	53.950	ng	98
81) Benzo(a)anthracene	21.477	228	3990097	49.571	ng	99
82) 3,3'-Dichlorobenzidine	21.407	252	959911	30.039	ng	99
83) Chrysene	21.548	228	3719434	48.768	ng	100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2808178	54.422	ng	99
85) Di-n-octyl phthalate	22.654	149	4901102	53.888	ng	100
87) Indeno(1,2,3-cd)pyrene	28.483	276	5450032	49.419	ng	# 86
88) Benzo(b)fluoranthene	23.736	252	4207871	48.644	ng	99
89) Benzo(k)fluoranthene	23.807	252	4337889	49.265	ng	100
90) Benzo(a)pyrene	24.618	252	4110605	48.659	ng	99
91) Dibenzo(a,h)anthracene	28.554	278	4445031	49.518	ng	99
92) Benzo(g,h,i)perylene	29.659	276	4368895	49.053	ng	99

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

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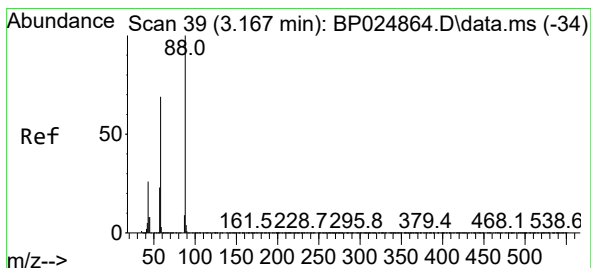
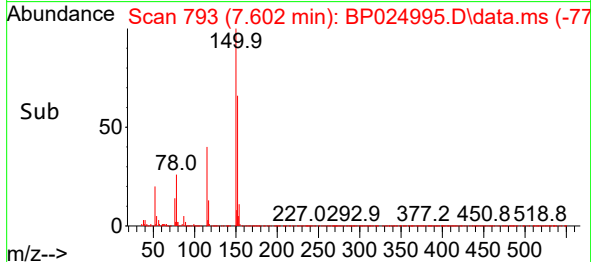
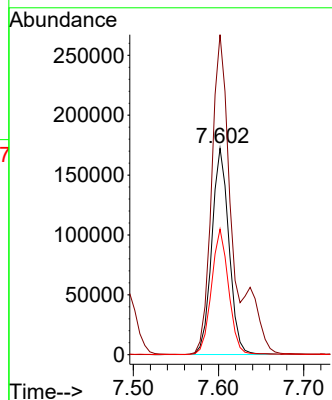
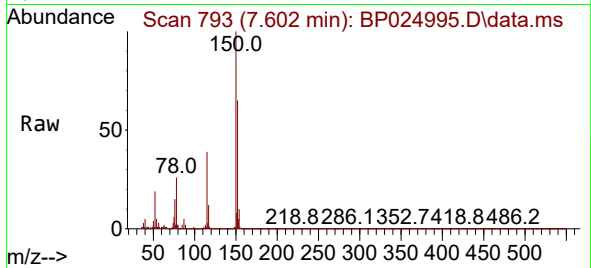




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.602 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BP024995.D
 Acq: 18 Jun 2025 15:26

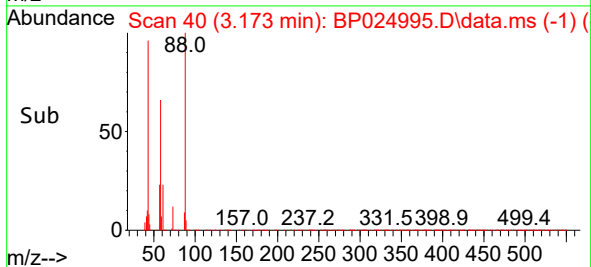
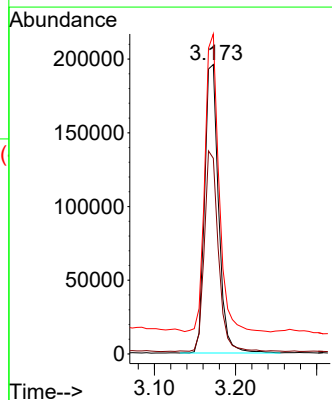
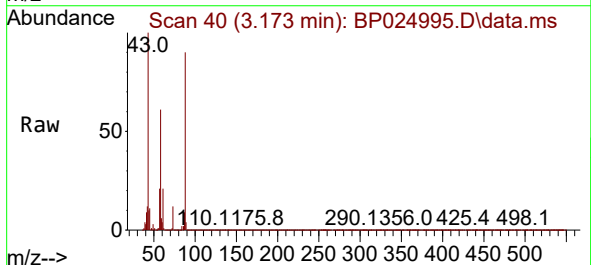
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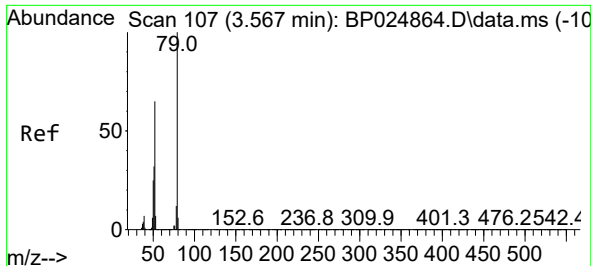
Tgt Ion:152 Resp: 242047
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.1 183.1
 115 60.8 46.4 69.6



#2
 1,4-Dioxane
 Concen: 36.633 ng
 RT: 3.173 min Scan# 40
 Delta R.T. 0.006 min
 Lab File: BP024995.D
 Acq: 18 Jun 2025 15:26

Tgt Ion: 88 Resp: 233736
 Ion Ratio Lower Upper
 88 100
 58 69.5 55.4 83.0
 43 104.3 20.8 31.2#

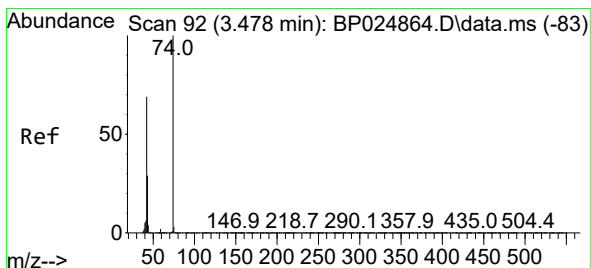
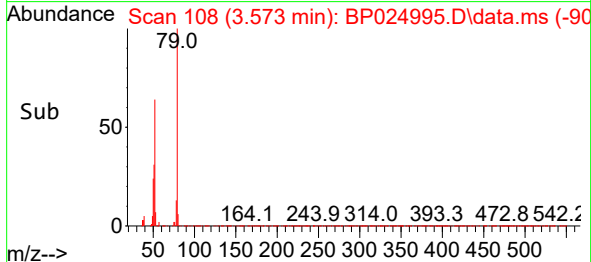
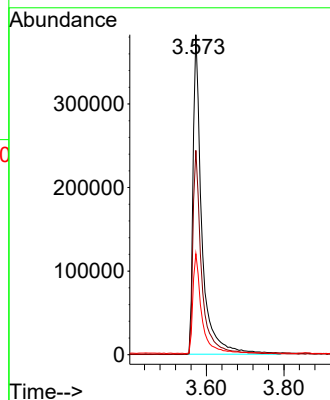
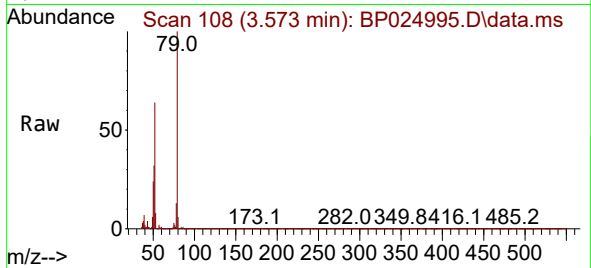




#3
Pyridine
Concen: 39.593 ng
RT: 3.573 min Scan# 107
Delta R.T. 0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

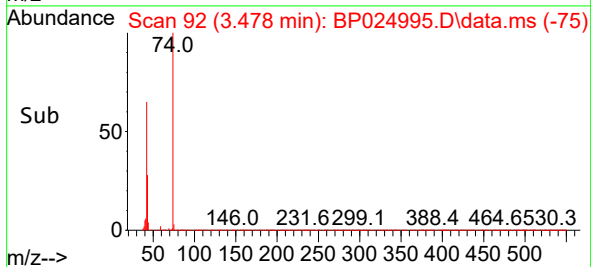
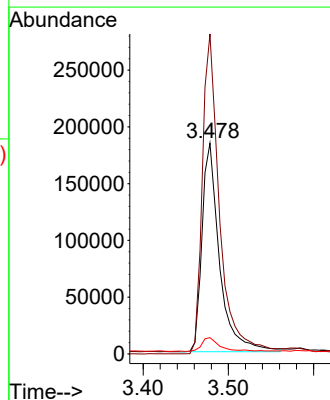
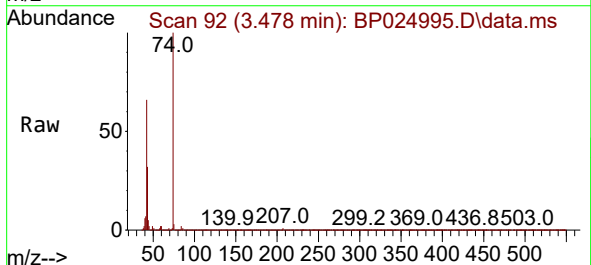
Instrument :
BNA_P
ClientSampleId :
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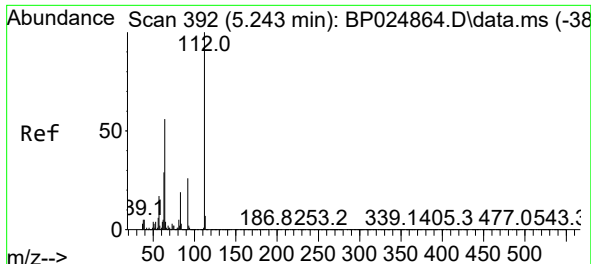
Tgt Ion: 79 Resp: 607536
Ion Ratio Lower Upper
79 100
52 63.8 51.6 77.4
51 31.5 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 41.987 ng
RT: 3.478 min Scan# 92
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion: 42 Resp: 263396
Ion Ratio Lower Upper
42 100
74 151.9 116.6 174.8
44 7.7 5.4 8.0

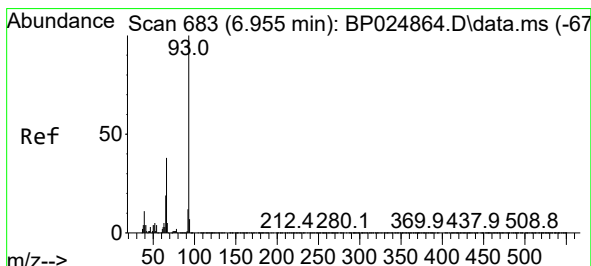
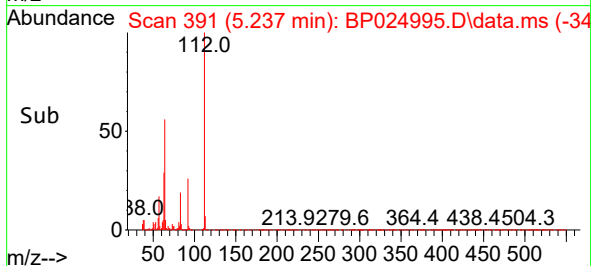
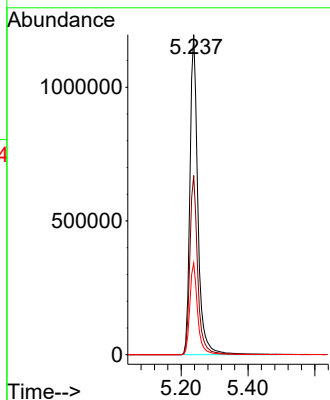
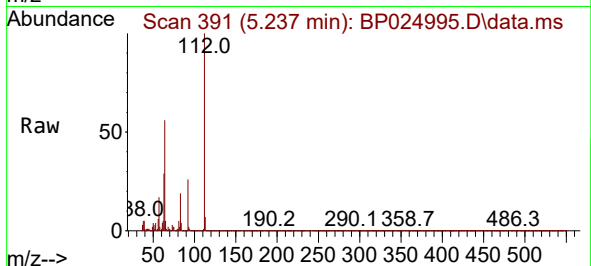




#5
2-Fluorophenol
Concen: 135.904 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

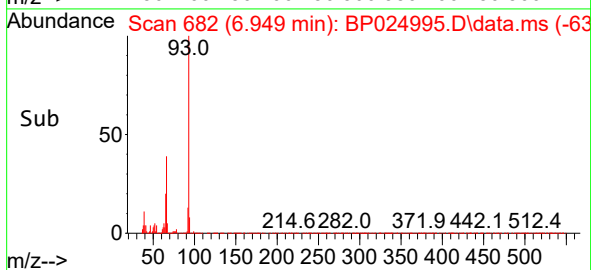
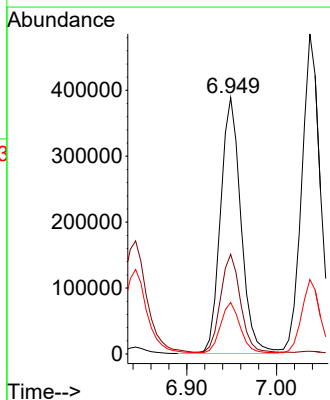
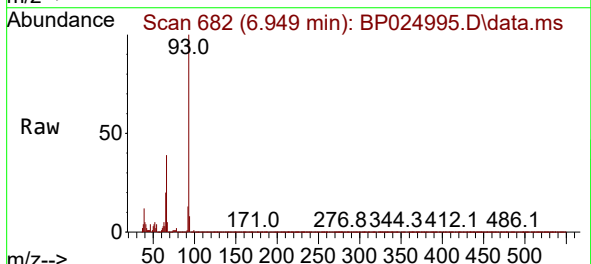
Instrument :
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ClientSampleId :
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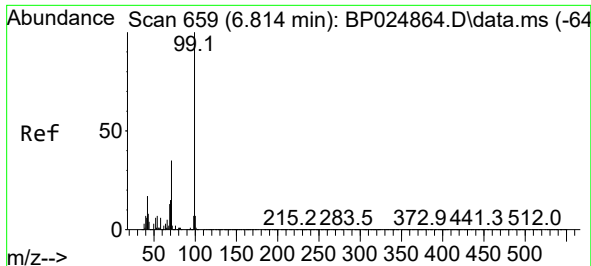
Tgt Ion:112 Resp: 1970717
Ion Ratio Lower Upper
112 100
64 56.0 44.7 67.1
63 28.7 23.5 35.3



#6
Aniline
Concen: 25.041 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion: 93 Resp: 613124
Ion Ratio Lower Upper
93 100
66 38.9 30.9 46.3
65 20.1 15.5 23.3

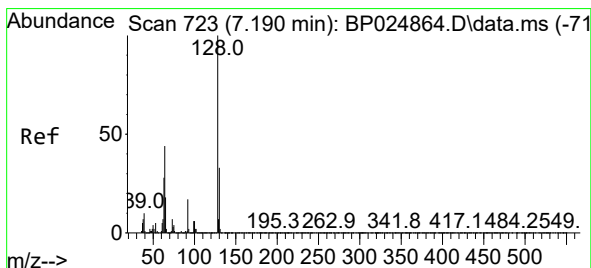
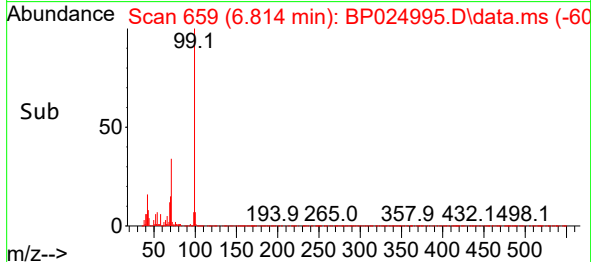
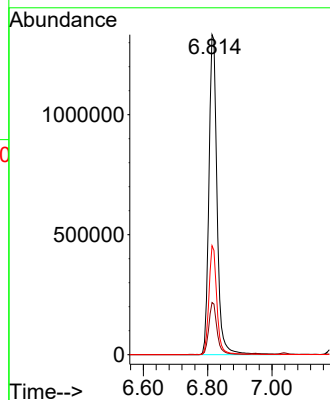
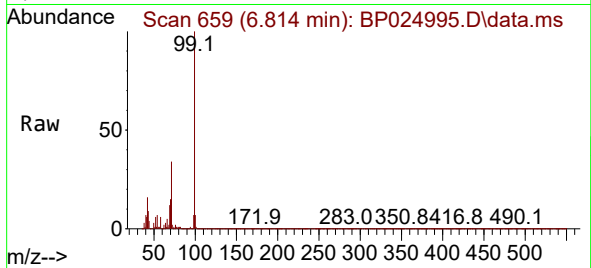




#7
Phenol-d6
Concen: 121.744 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

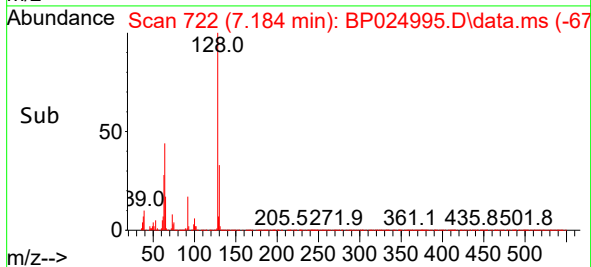
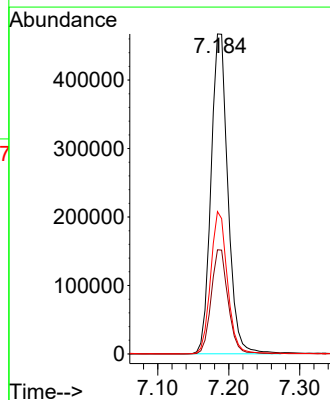
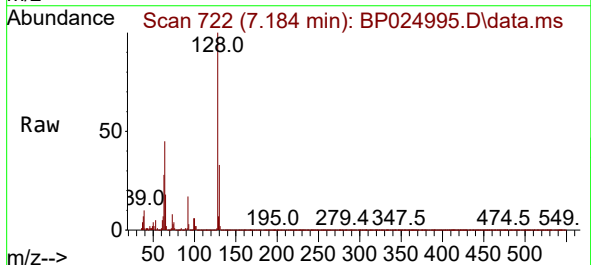
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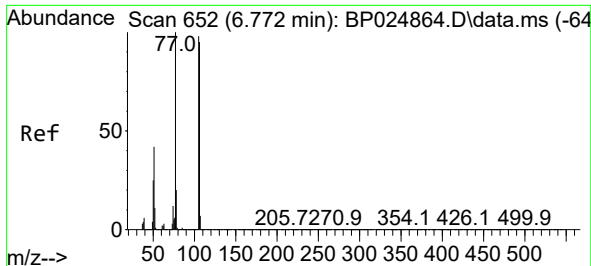
Tgt Ion: 99 Resp: 2335784
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.2
71 34.0 27.6 41.4



#8
2-Chlorophenol
Concen: 47.049 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:128 Resp: 773411
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 44.5 24.1 64.1

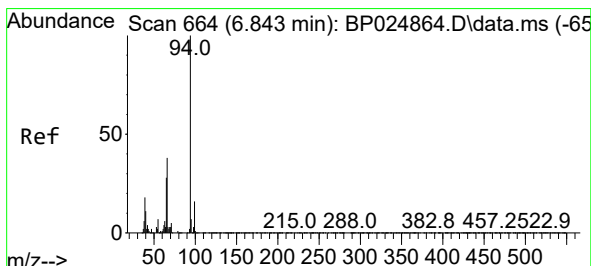
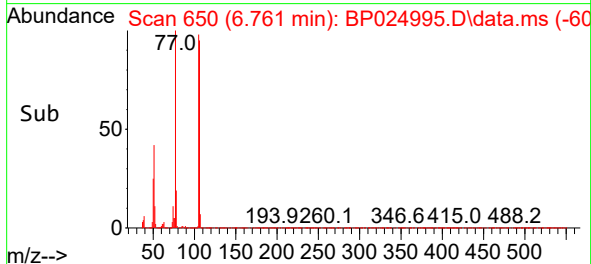
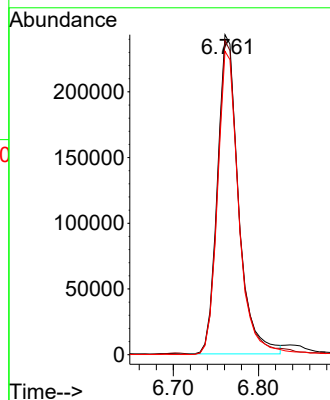
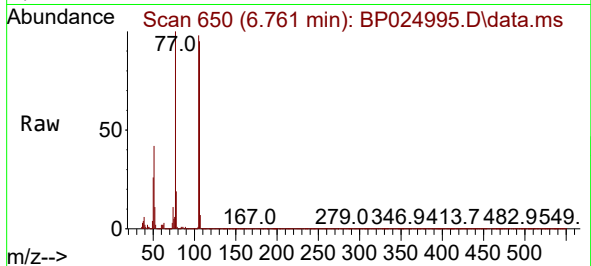




#9
Benzaldehyde
Concen: 37.766 ng
RT: 6.761 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

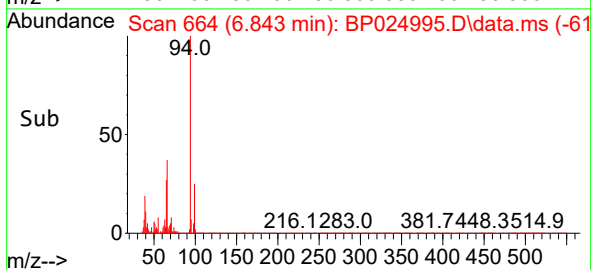
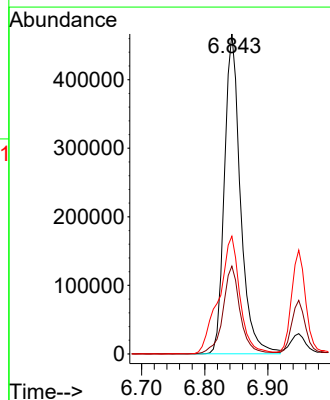
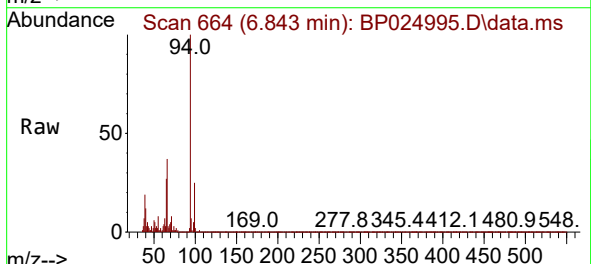
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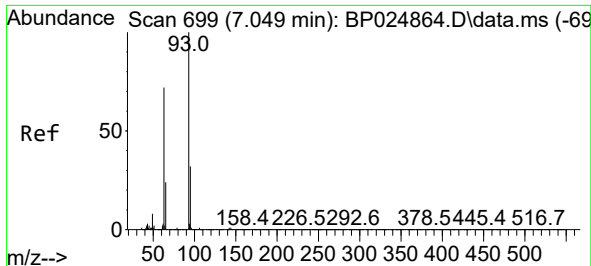
Tgt Ion: 77 Resp: 417644
Ion Ratio Lower Upper
77 100
105 98.2 77.7 117.7
106 94.8 74.8 114.8



#10
Phenol
Concen: 41.601 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion: 94 Resp: 822820
Ion Ratio Lower Upper
94 100
65 27.5 8.3 48.3
66 36.8 18.2 58.2

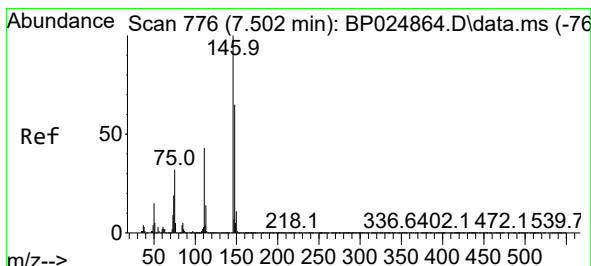
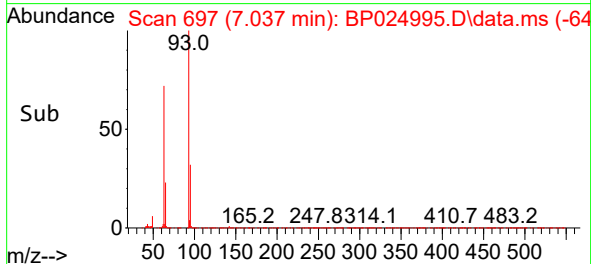
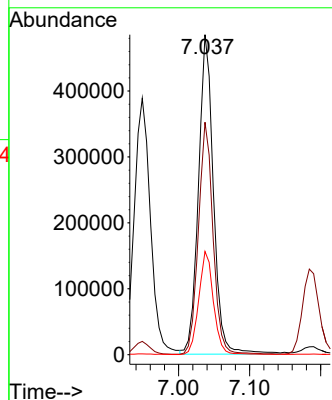
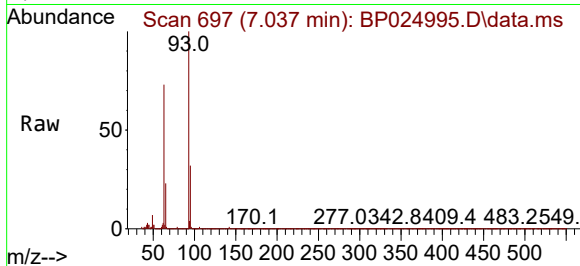




#11
bis(2-Chloroethyl)ether
Concen: 45.914 ng
RT: 7.037 min Scan# 699
Delta R.T. -0.012 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

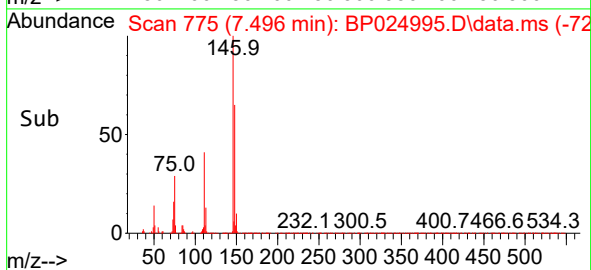
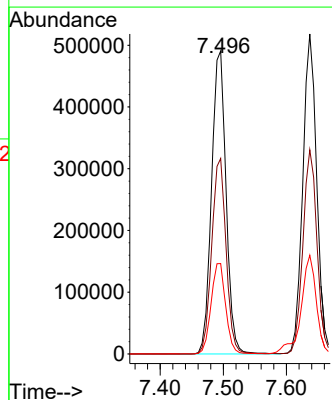
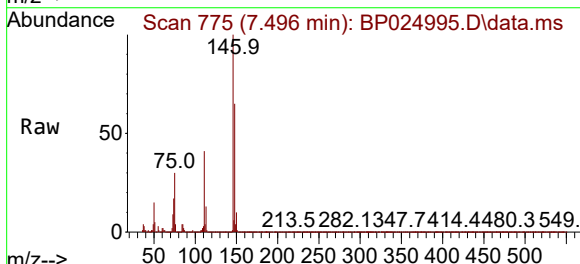
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

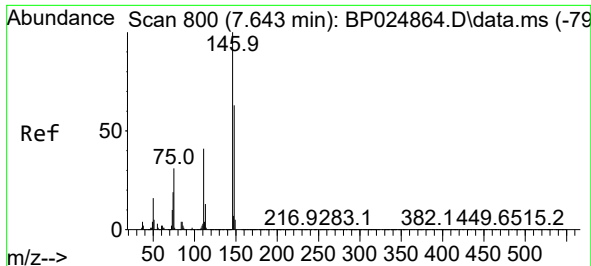
Tgt Ion: 93 Resp: 714257
Ion Ratio Lower Upper
93 100
63 72.7 51.6 91.6
95 32.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 42.683 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:146 Resp: 782730
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 29.8 25.3 37.9

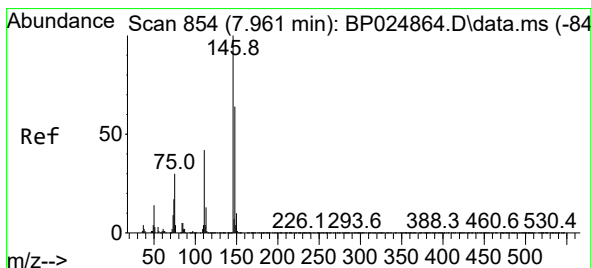
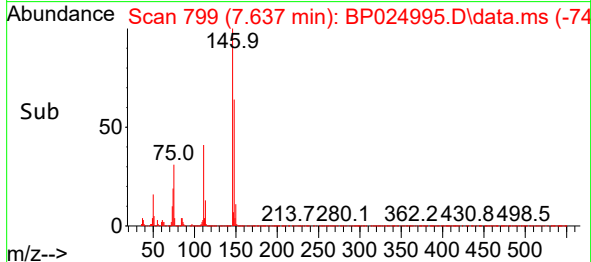
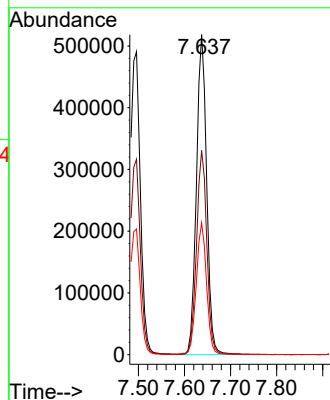
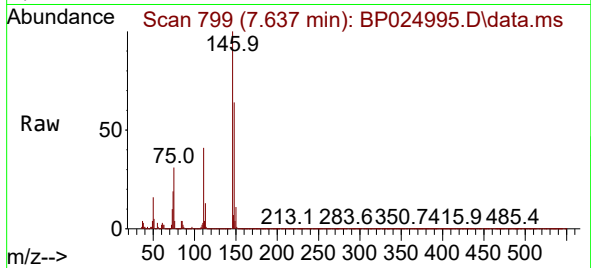




#13
1,4-Dichlorobenzene
Concen: 43.154 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

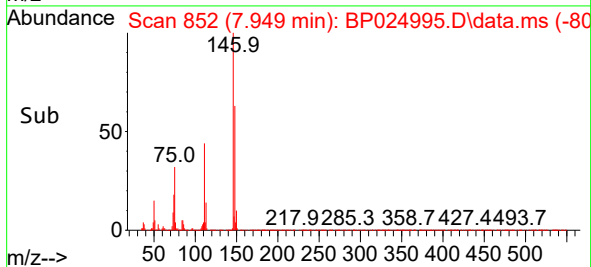
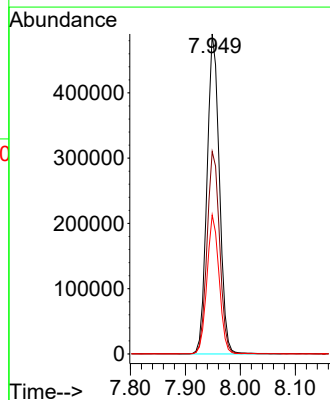
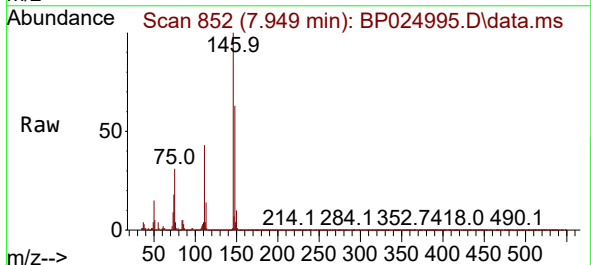
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

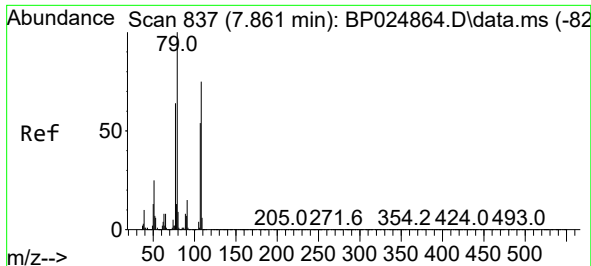
Tgt Ion:146 Resp: 798490
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 41.2 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 42.167 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.012 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:146 Resp: 766159
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
111 43.4 33.8 50.8

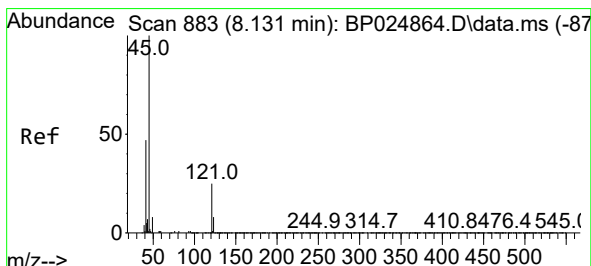
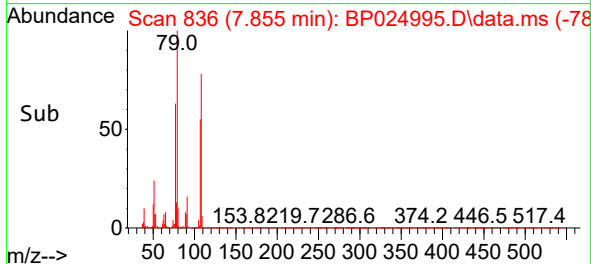
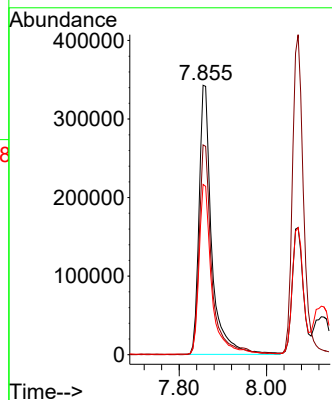
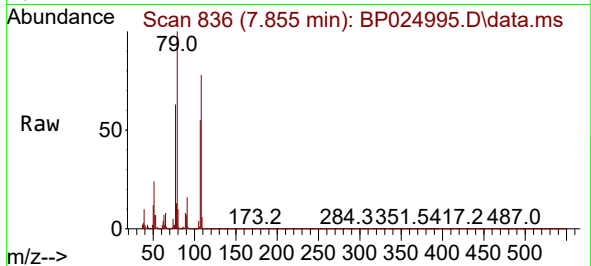




#15
Benzyl Alcohol
Concen: 46.811 ng
RT: 7.855 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

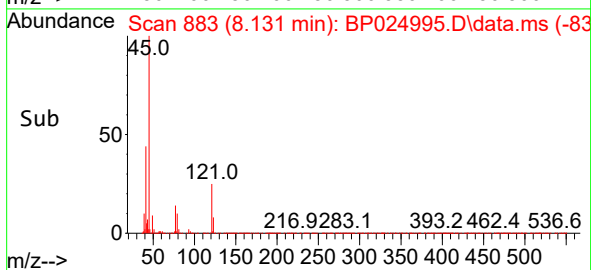
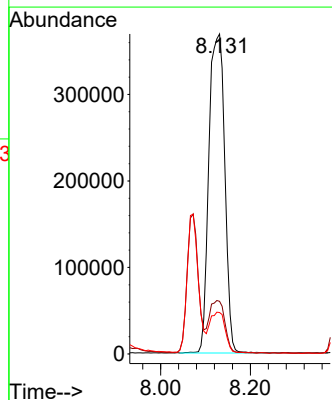
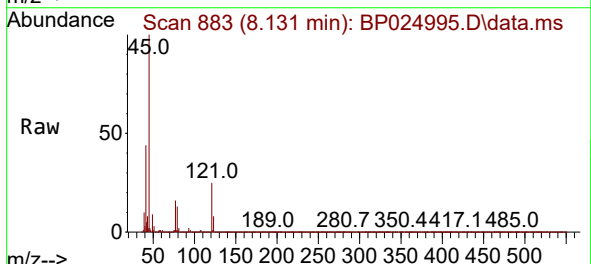
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

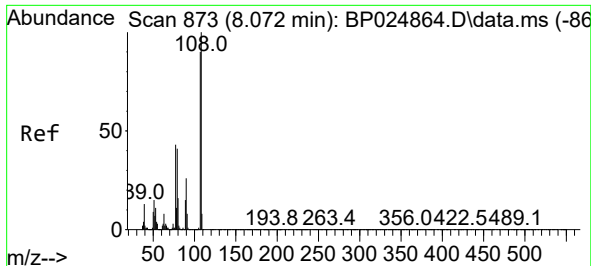
Tgt Ion: 79 Resp: 689279
Ion Ratio Lower Upper
79 100
108 77.8 60.2 90.4
77 63.2 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.396 ng
RT: 8.131 min Scan# 883
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion: 45 Resp: 903934
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.3
79 12.9 0.0 32.2

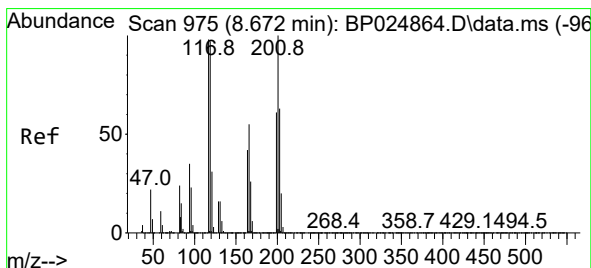
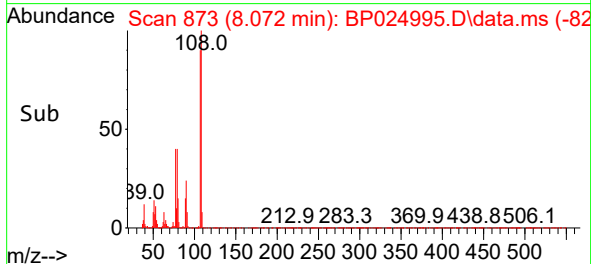
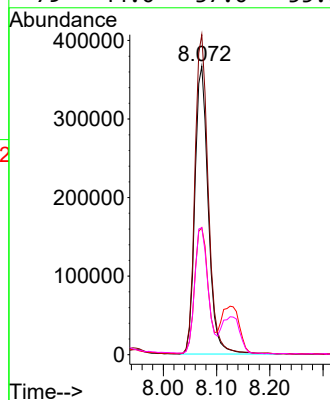
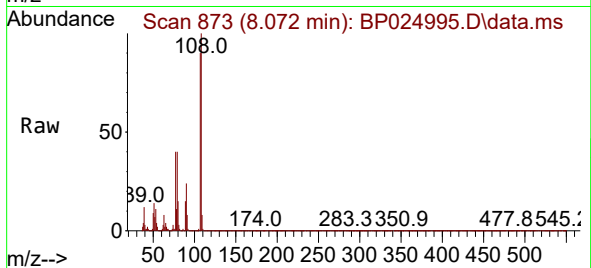




#17
2-Methylphenol
Concen: 46.152 ng
RT: 8.072 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

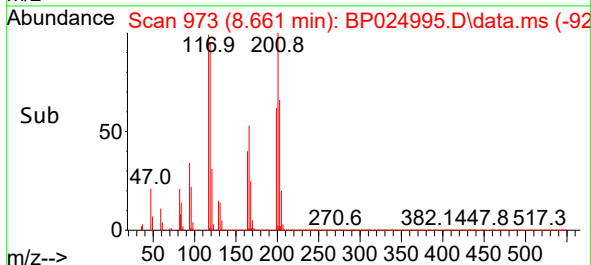
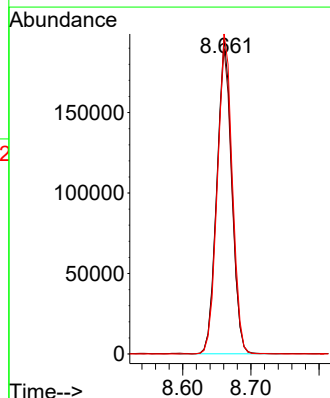
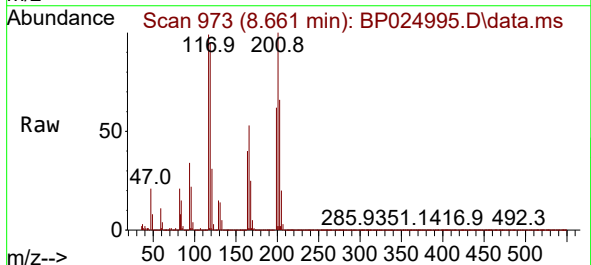
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

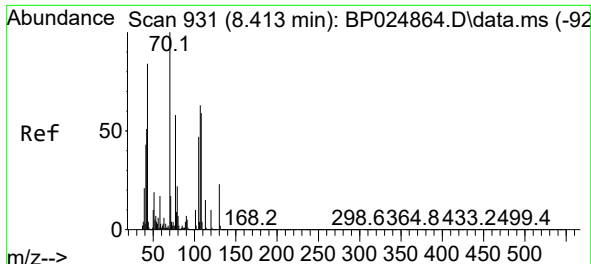
Tgt Ion:	107	Resp:	637440
Ion	Ratio	Lower	Upper
107	100		
108	110.9	88.6	132.8
77	44.1	38.5	57.7
79	44.0	37.0	55.6



#18
Hexachloroethane
Concen: 42.794 ng
RT: 8.661 min Scan# 973
Delta R.T. -0.012 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:	117	Resp:	298119
Ion	Ratio	Lower	Upper
117	100		
119	96.7	79.4	119.2
201	101.3	81.4	122.2

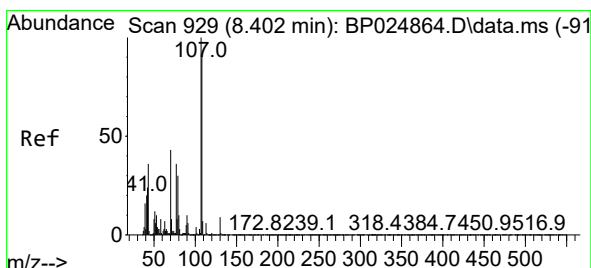
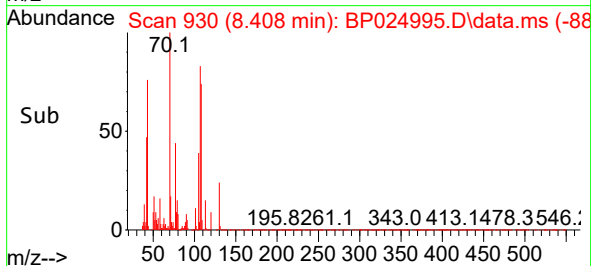
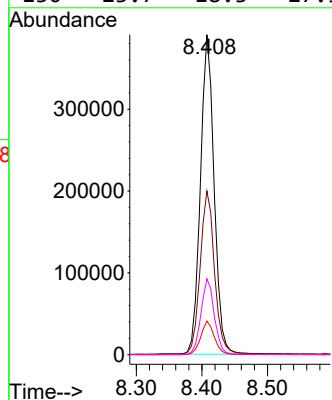
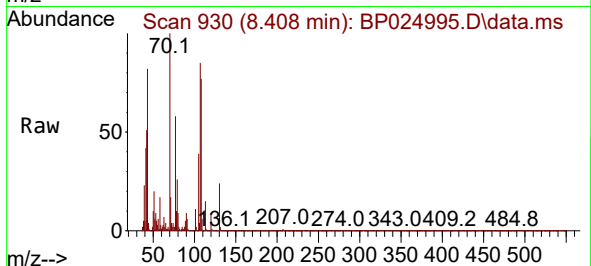




#19
n-Nitroso-di-n-propylamine
Concen: 43.693 ng
RT: 8.408 min Scan# 910
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

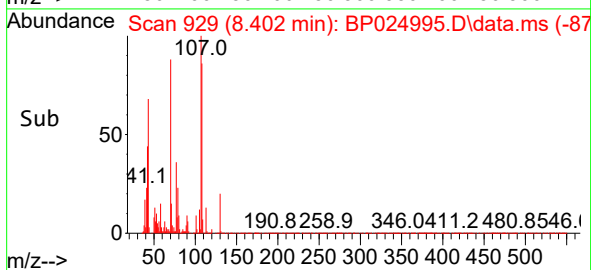
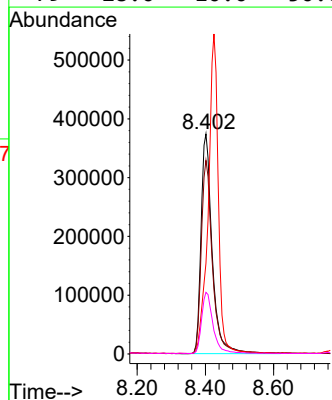
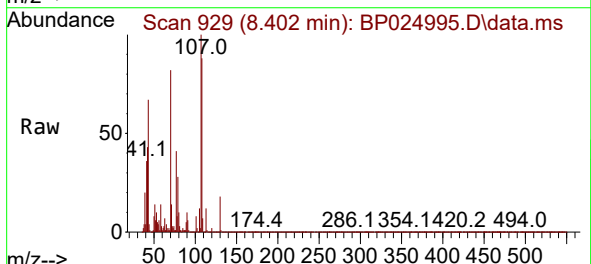
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

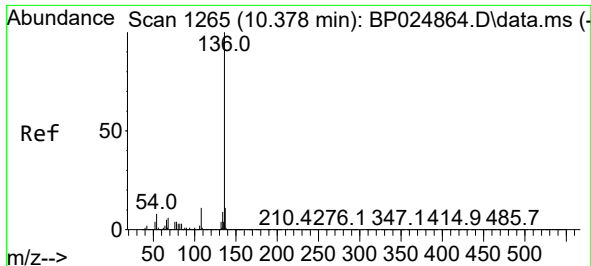
Tgt Ion:	70	Resp:	569886
Ion	Ratio	Lower	Upper
70	100		
42	51.1	41.2	61.8
101	10.5	8.3	12.5
130	23.7	18.3	27.5



#20
3+4-Methylphenols
Concen: 45.186 ng
RT: 8.402 min Scan# 929
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:	107	Resp:	851471
Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.7	110.7
77	41.2	16.6	56.6
79	28.0	10.0	50.0

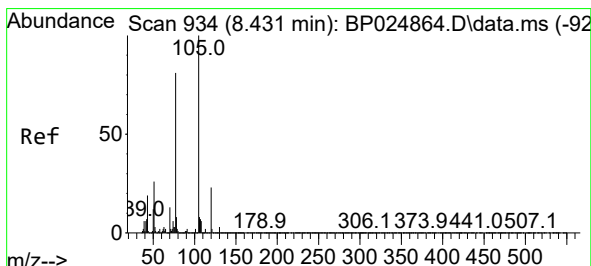
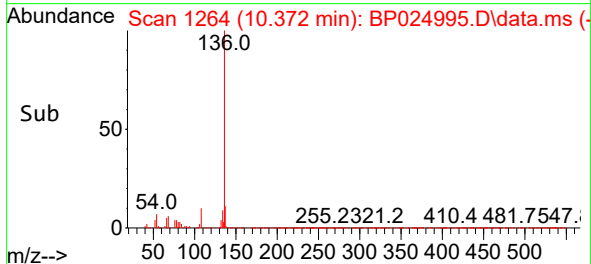
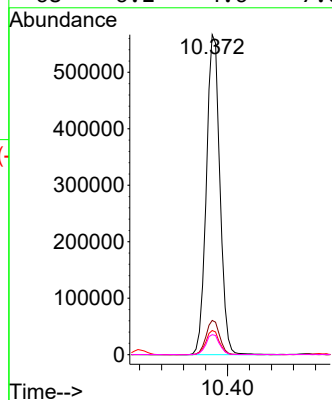
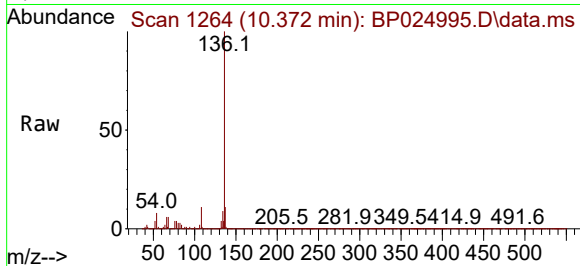




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

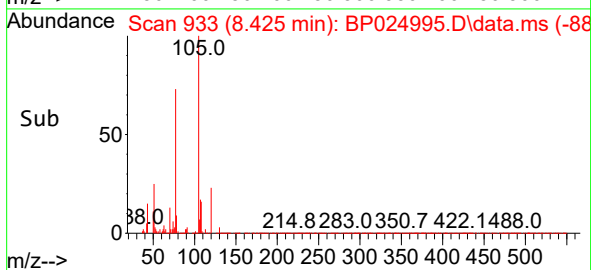
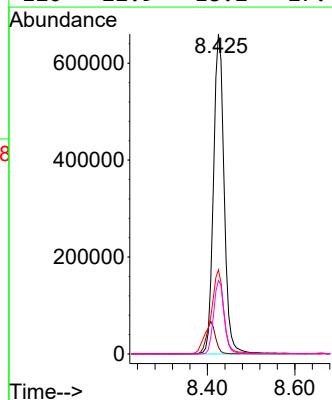
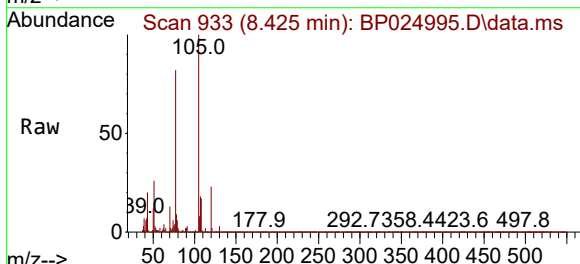
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

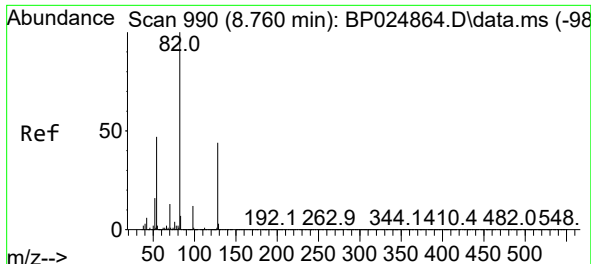
Tgt Ion:	136	Resp:	965848
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.5	6.1	9.1
68	6.2	4.6	7.0



#22
Acetophenone
Concen: 45.911 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:	105	Resp:	1120345
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.6	2.4
51	26.3	20.6	31.0
120	22.9	18.2	27.4

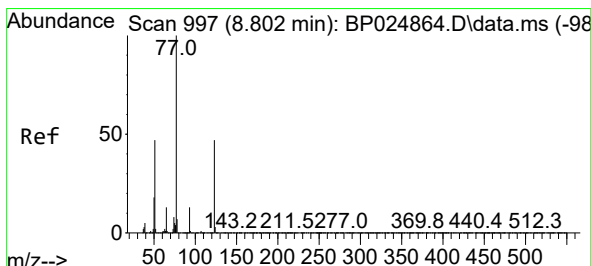
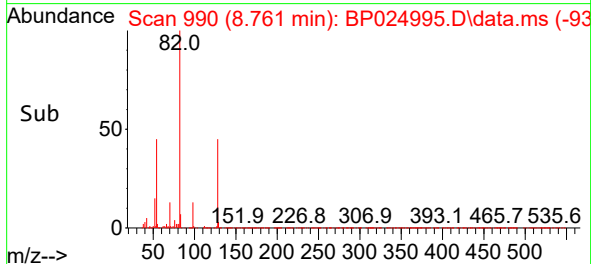
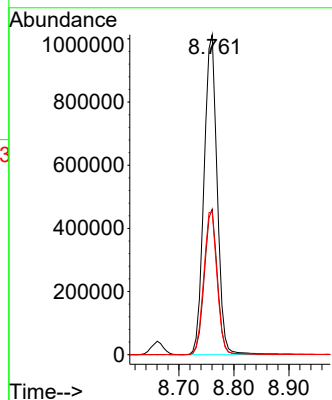
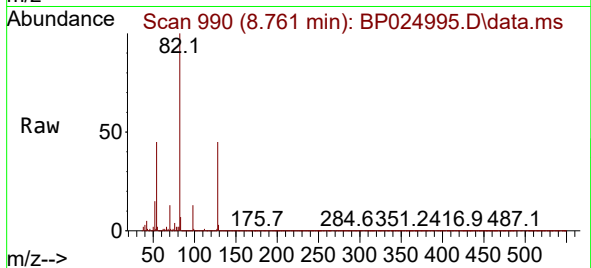




#23
Nitrobenzene-d5
Concen: 84.720 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

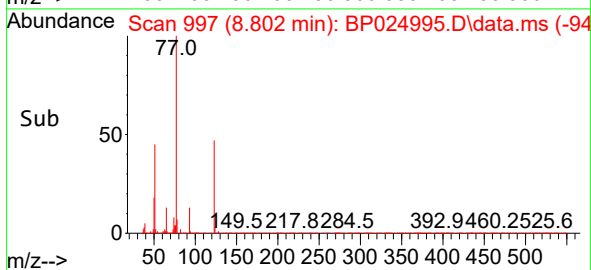
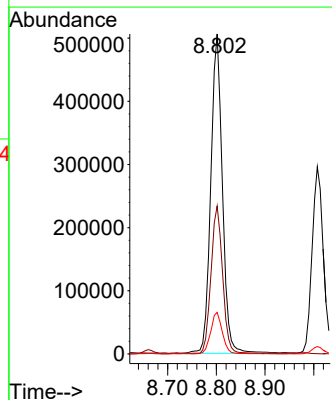
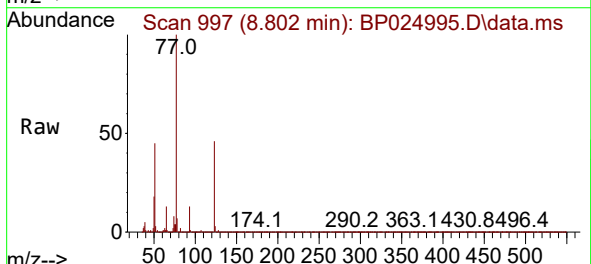
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

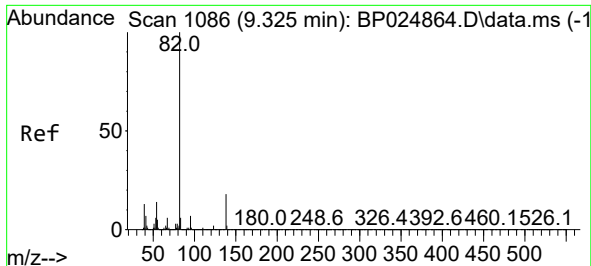
Tgt Ion: 82 Resp: 1683911
Ion Ratio Lower Upper
82 100
128 45.5 35.3 52.9
54 44.7 37.4 56.0



#24
Nitrobenzene
Concen: 47.236 ng
RT: 8.802 min Scan# 997
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion: 77 Resp: 834079
Ion Ratio Lower Upper
77 100
123 46.3 37.3 55.9
65 13.0 10.8 16.2

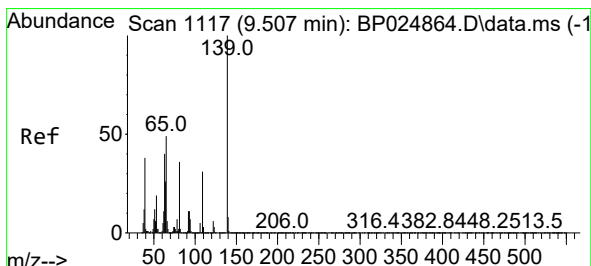
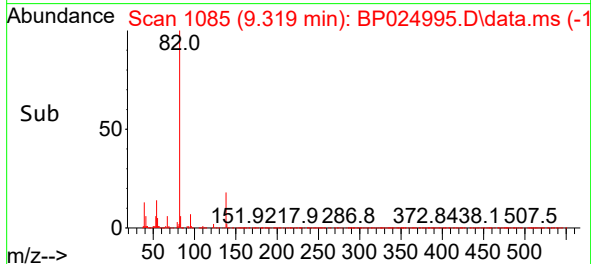
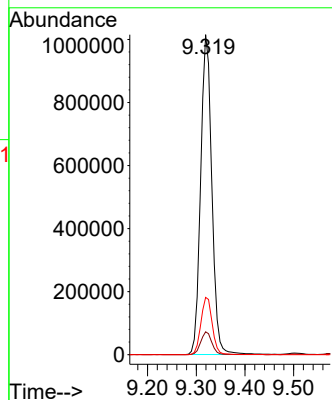
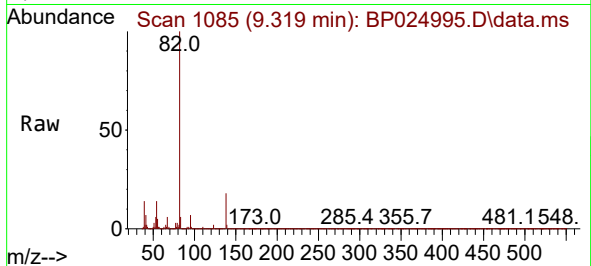




#25
Isophorone
Concen: 47.097 ng
RT: 9.319 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

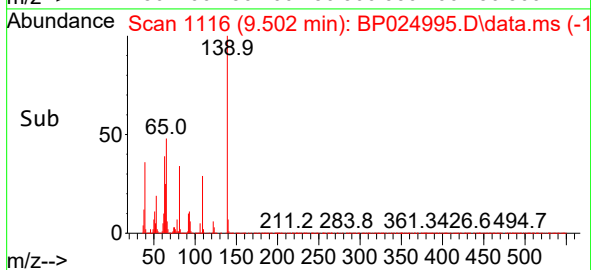
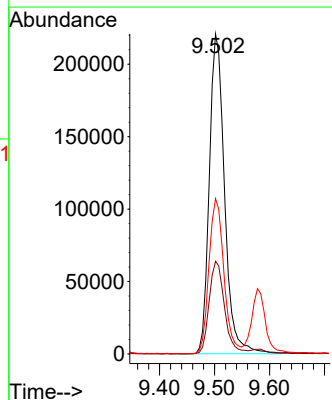
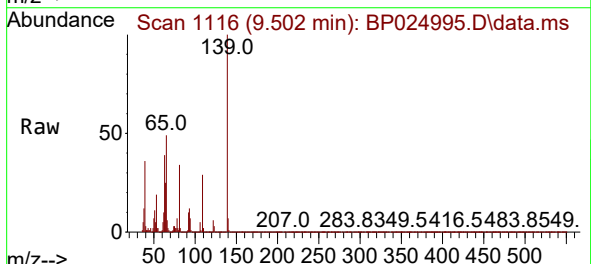
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

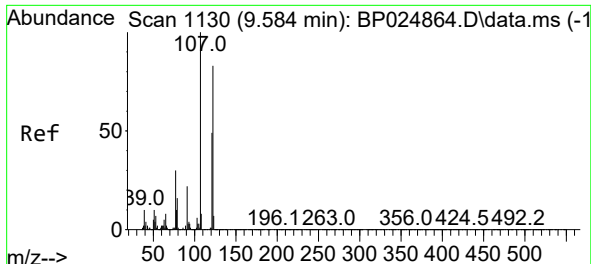
Tgt Ion: 82 Resp: 1622372
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 17.9 14.6 21.8



#26
2-Nitrophenol
Concen: 48.926 ng
RT: 9.502 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:139 Resp: 426264
Ion Ratio Lower Upper
139 100
109 29.0 24.6 37.0
65 48.6 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 49.330 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

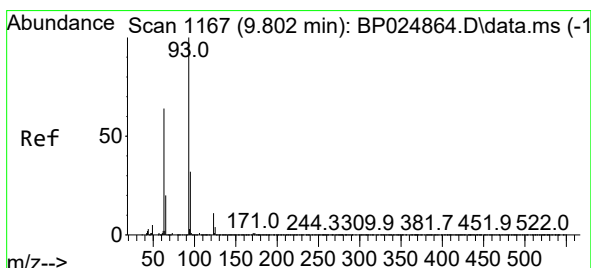
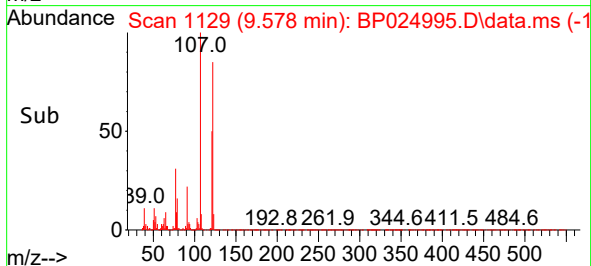
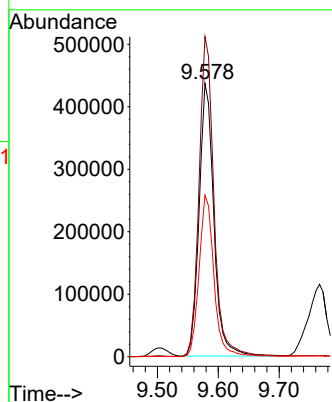
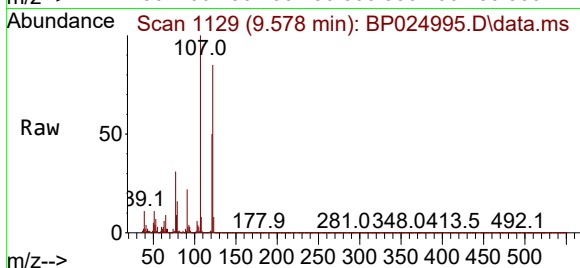
Tgt Ion:122 Resp: 735556

Ion Ratio Lower Upper

122 100

107 117.1 96.2 144.4

121 59.1 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 48.074 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

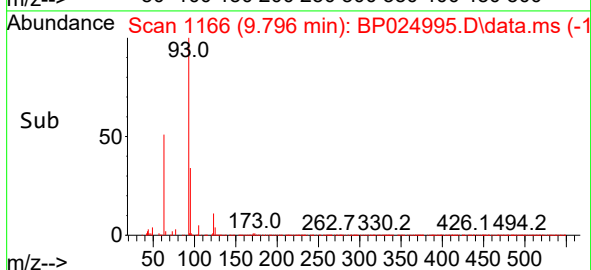
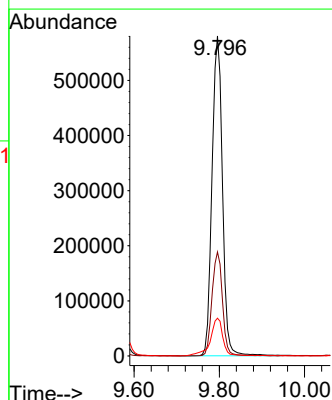
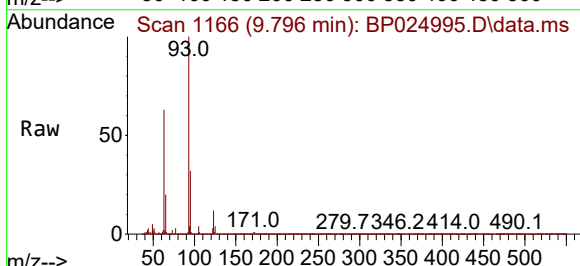
Tgt Ion: 93 Resp: 987853

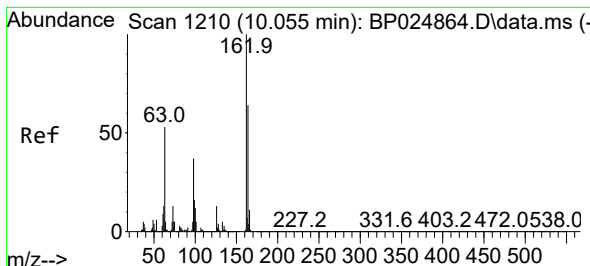
Ion Ratio Lower Upper

93 100

95 32.5 25.5 38.3

123 11.8 9.2 13.8

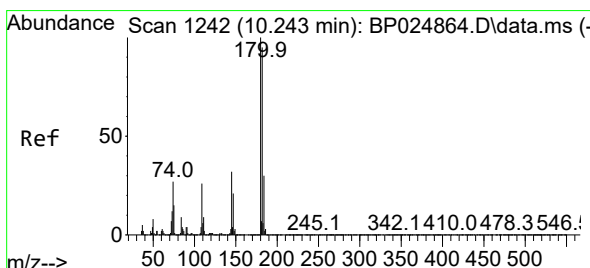
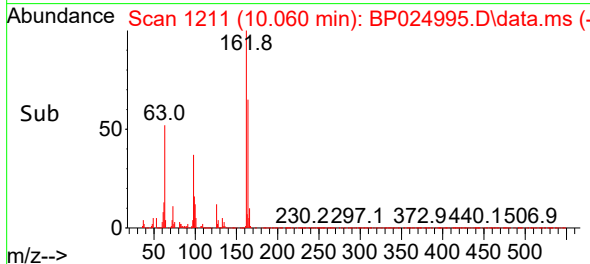
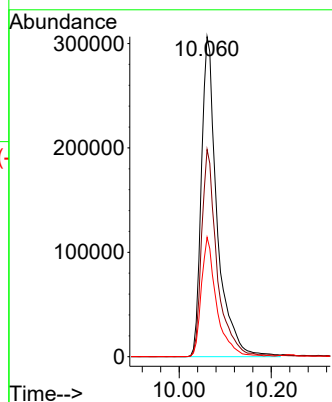
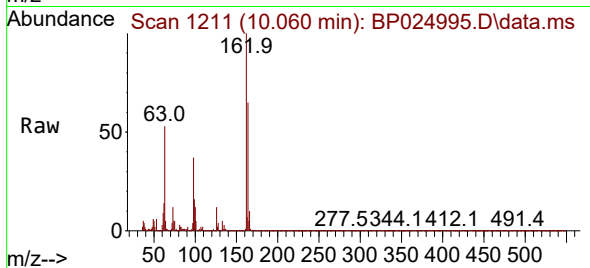




#29
2,4-Dichlorophenol
Concen: 51.060 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

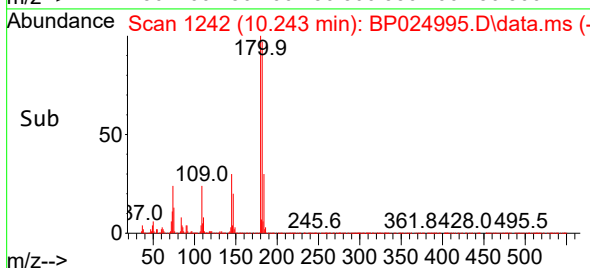
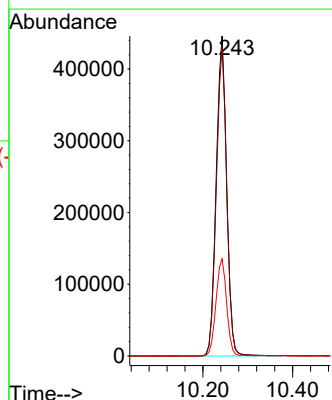
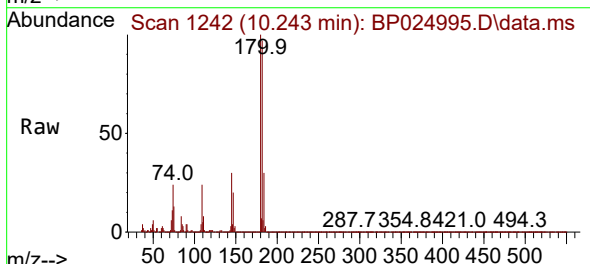
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

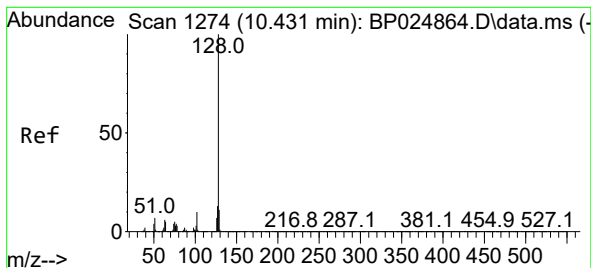
Tgt Ion:162 Resp: 730516
Ion Ratio Lower Upper
162 100
164 64.8 44.0 84.0
98 37.3 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 44.789 ng
RT: 10.243 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:180 Resp: 722759
Ion Ratio Lower Upper
180 100
182 96.7 75.8 113.6
145 30.3 25.7 38.5





#31

Naphthalene

Concen: 45.570 ng

RT: 10.425 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

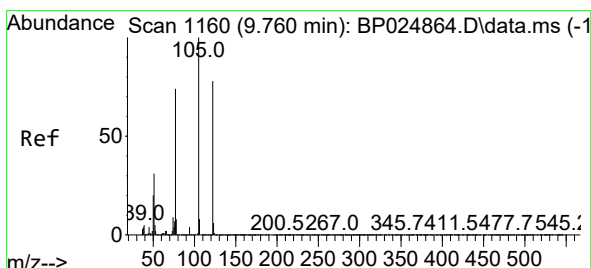
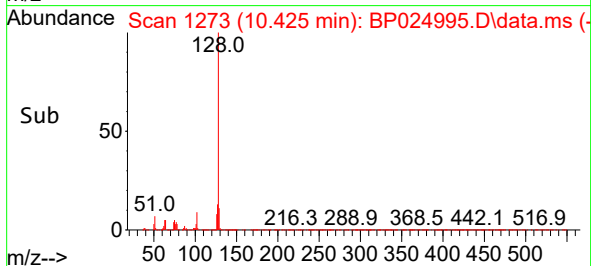
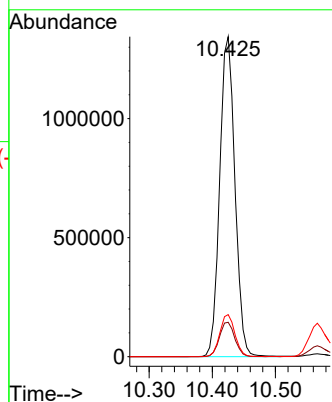
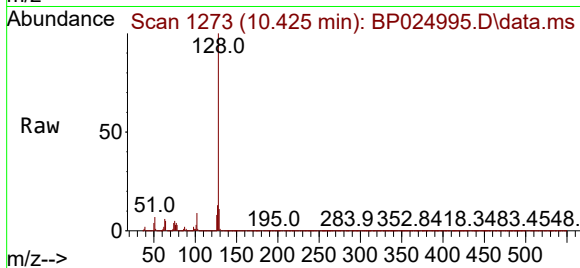
Tgt Ion:128 Resp: 2255528

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 30.434 ng

RT: 9.766 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

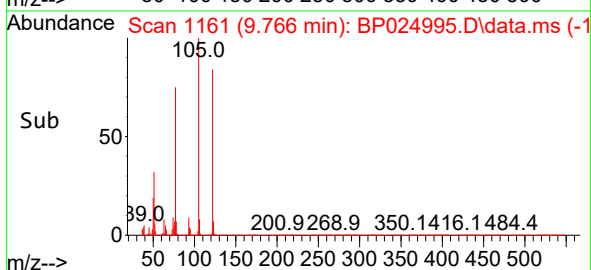
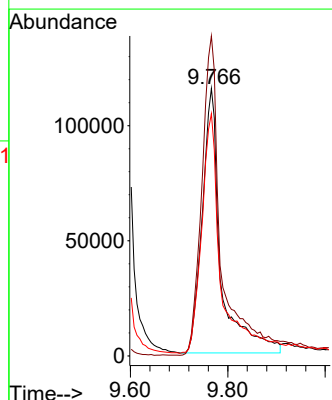
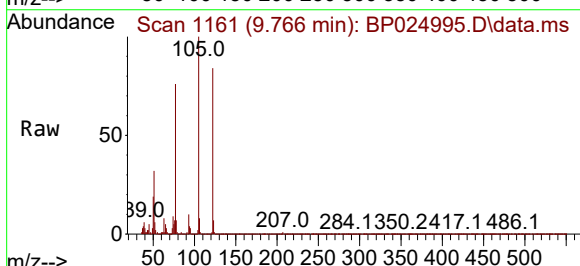
Tgt Ion:122 Resp: 306657

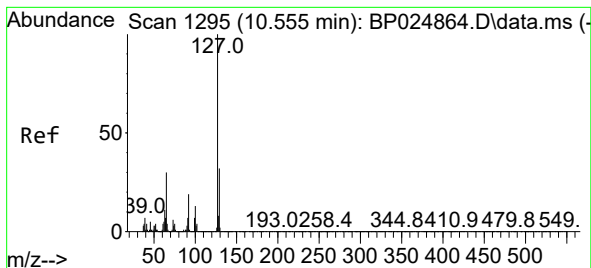
Ion Ratio Lower Upper

122 100

105 119.6 107.1 147.1

77 90.6 75.1 115.1





#33

4-Chloroaniline

Concen: 15.719 ng

RT: 10.566 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

Tgt Ion:127 Resp: 325962

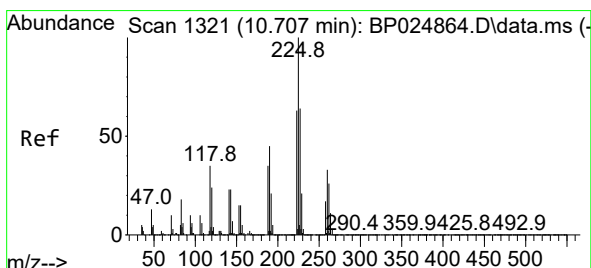
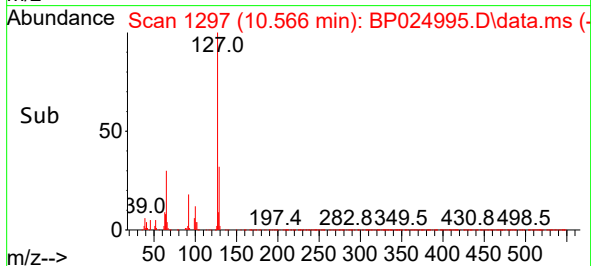
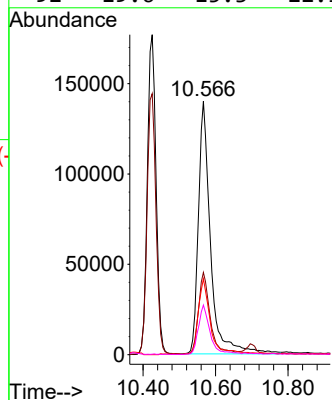
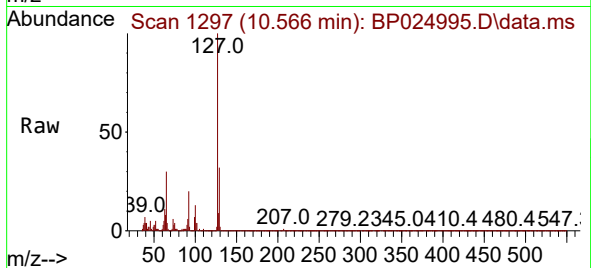
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 29.9 23.9 35.9

92 19.6 15.3 22.9



#34

Hexachlorobutadiene

Concen: 44.618 ng

RT: 10.696 min Scan# 1319

Delta R.T. -0.012 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

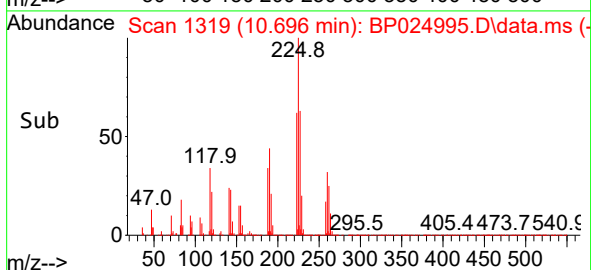
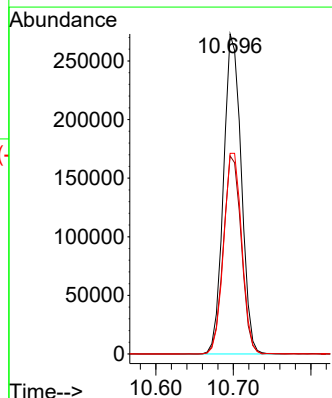
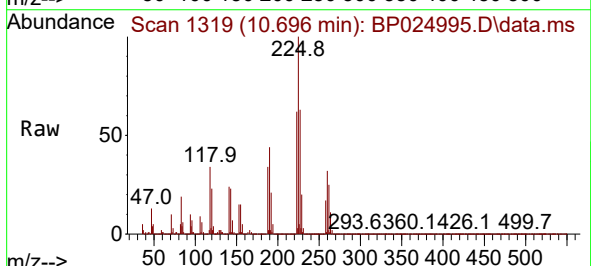
Tgt Ion:225 Resp: 433953

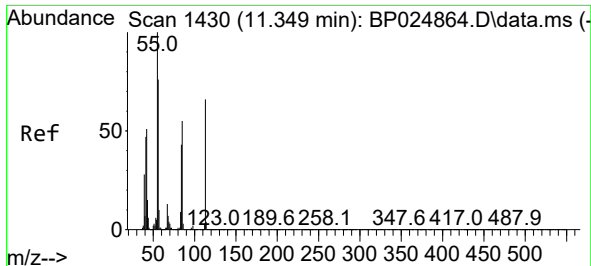
Ion Ratio Lower Upper

225 100

223 61.9 50.5 75.7

227 62.7 51.4 77.2

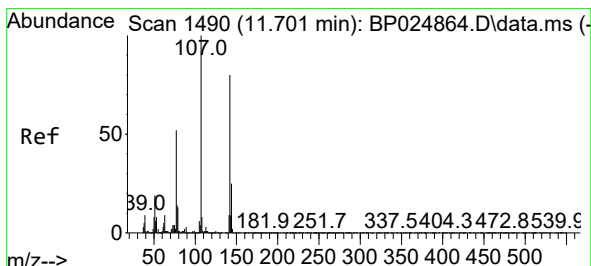
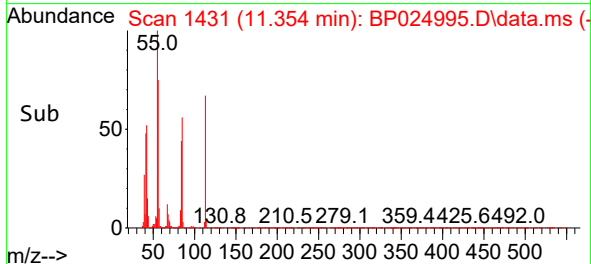
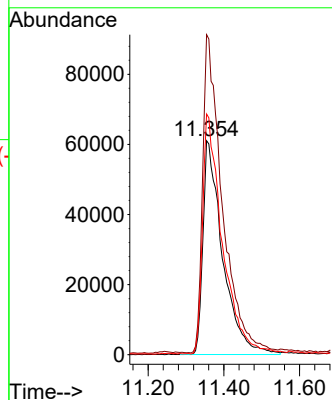
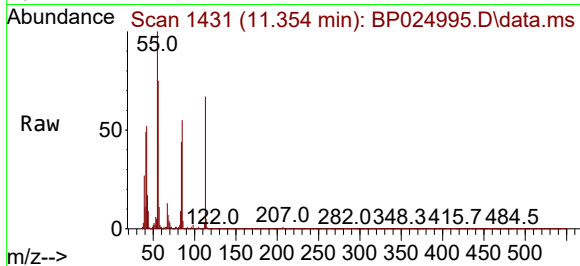




#35
Caprolactam
Concen: 41.713 ng
RT: 11.354 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

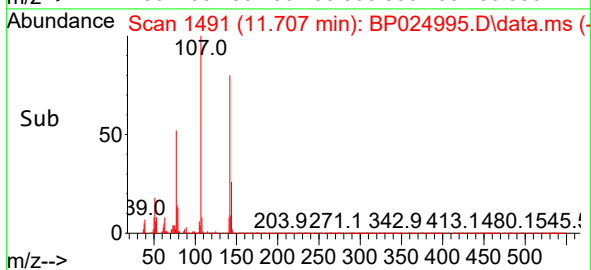
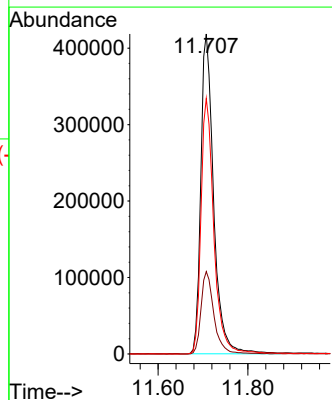
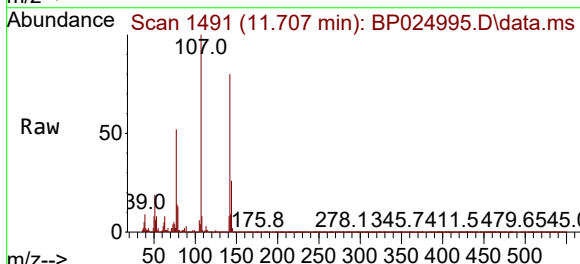
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

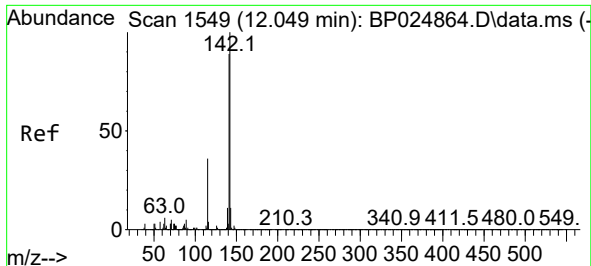
Tgt Ion:113 Resp: 219676
Ion Ratio Lower Upper
113 100
55 149.6 132.5 172.5
56 112.5 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 50.476 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:107 Resp: 832967
Ion Ratio Lower Upper
107 100
144 25.7 20.4 30.6
142 79.9 63.8 95.6

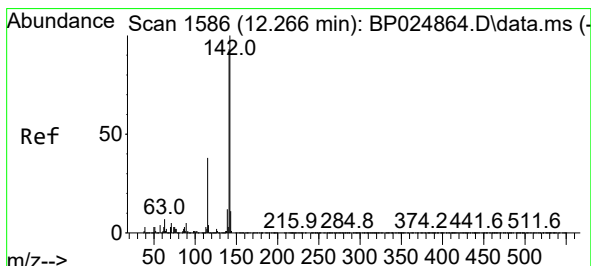
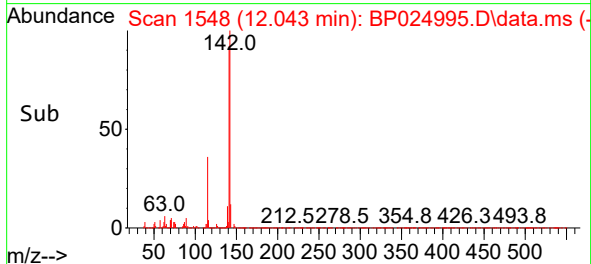
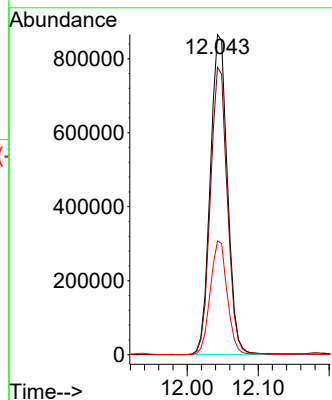
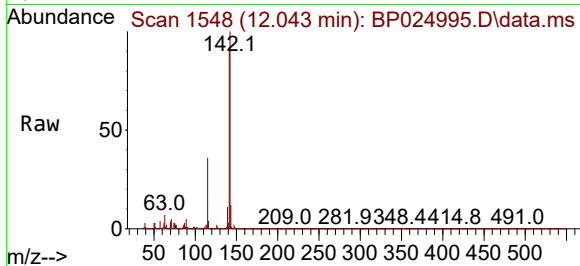




#37
2-Methylnaphthalene
Concen: 46.211 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

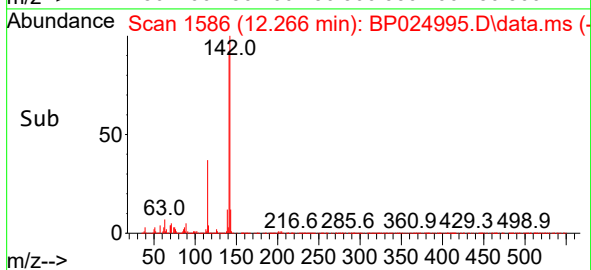
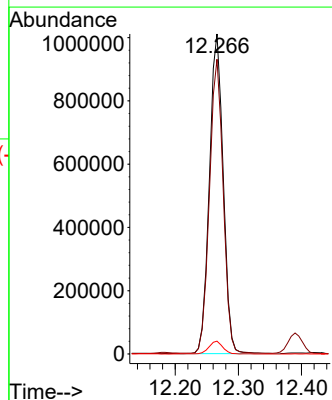
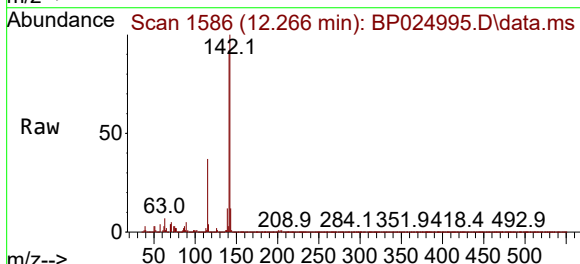
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

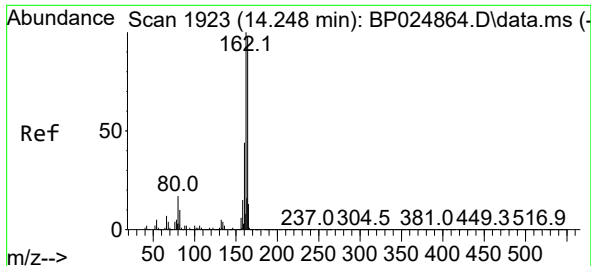
Tgt Ion:142 Resp: 1450864
Ion Ratio Lower Upper
142 100
141 89.9 71.2 106.8
115 35.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 45.649 ng
RT: 12.266 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:142 Resp: 1532263
Ion Ratio Lower Upper
142 100
141 92.1 74.7 112.1
116 4.0 3.4 5.0

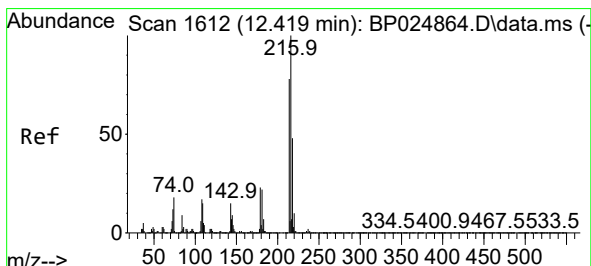
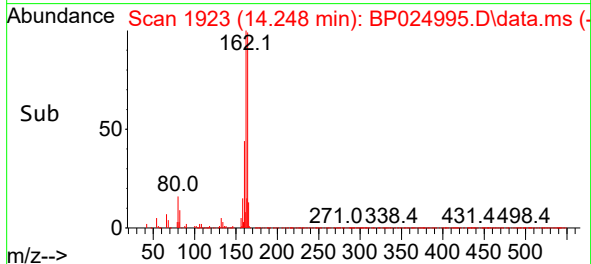
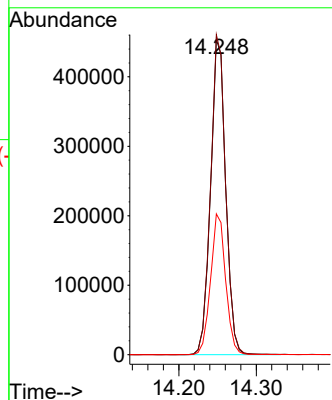
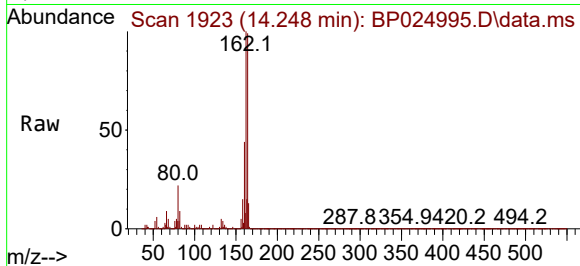




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

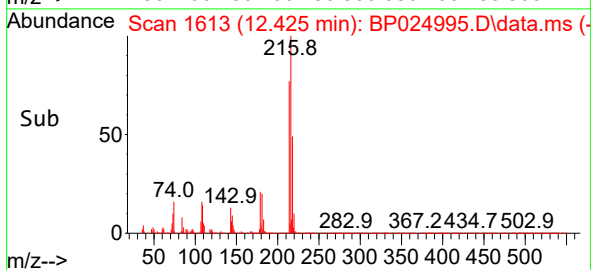
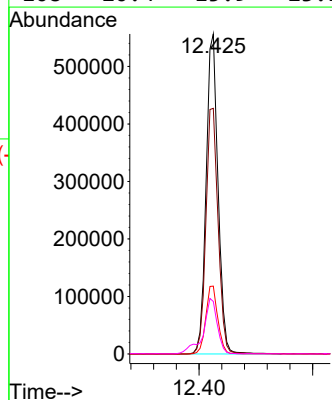
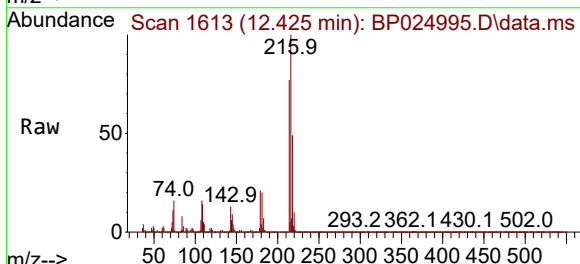
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

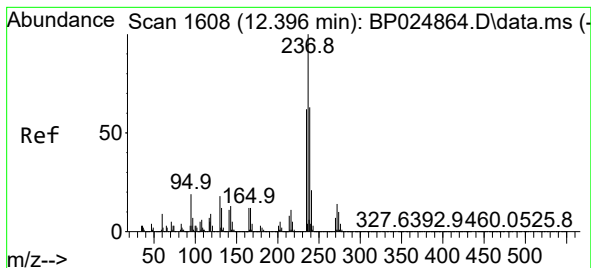
Tgt Ion:164 Resp: 614166
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 44.6 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.188 ng
RT: 12.425 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:216 Resp: 804930
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 21.5 17.8 26.6
108 20.4 15.9 23.9

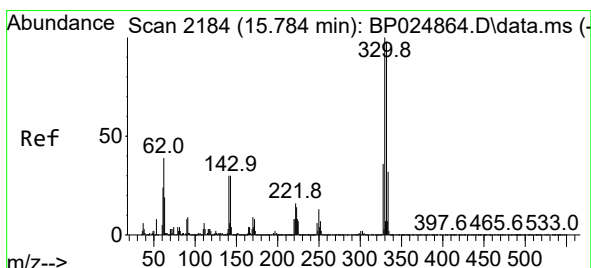
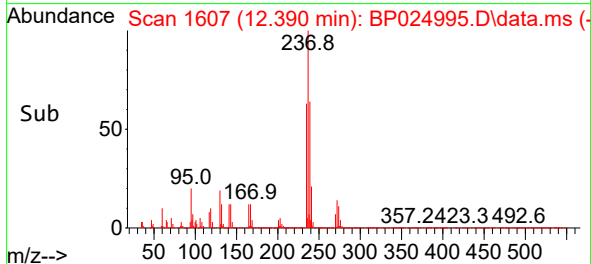
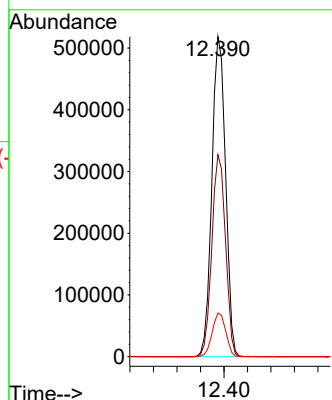
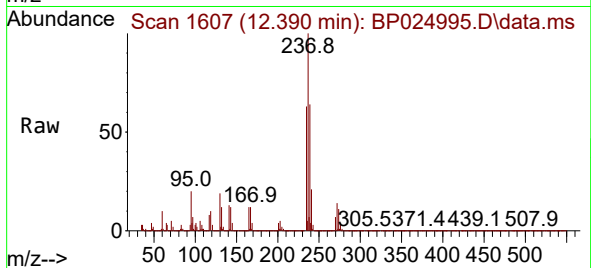




#41
Hexachlorocyclopentadiene
Concen: 78.641 ng
RT: 12.390 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

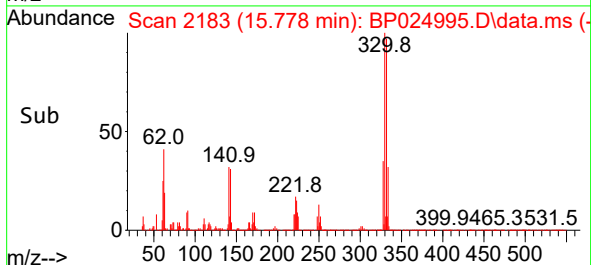
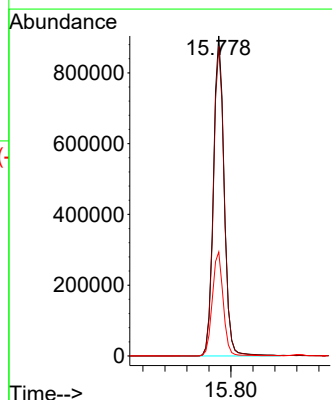
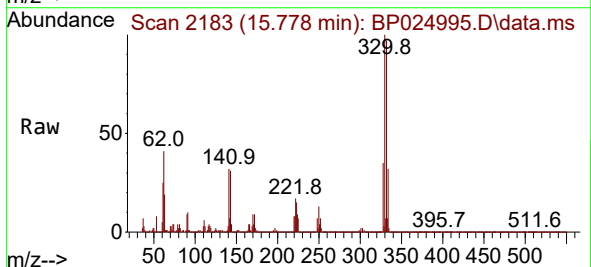
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

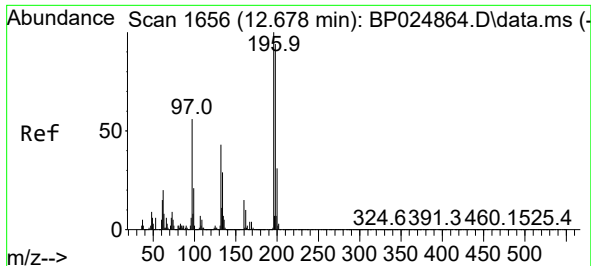
Tgt Ion:237 Resp: 835920
Ion Ratio Lower Upper
237 100
235 63.1 41.9 81.9
272 13.6 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 145.027 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:330 Resp: 1231452
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 32.8 26.4 39.6

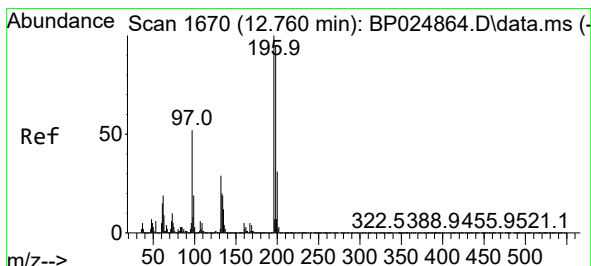
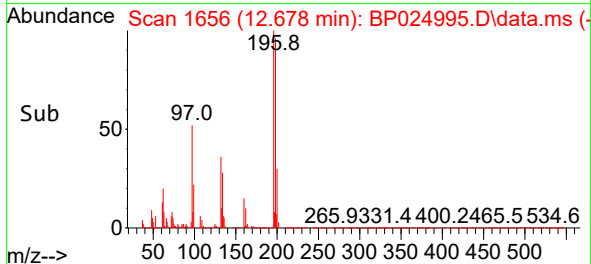
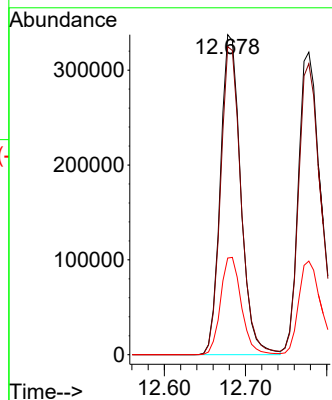
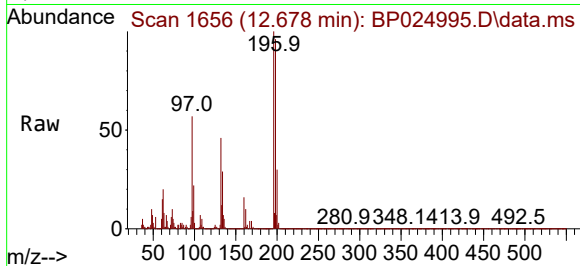




#43
2,4,6-Trichlorophenol
Concen: 50.349 ng
RT: 12.678 min Scan# 1656
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

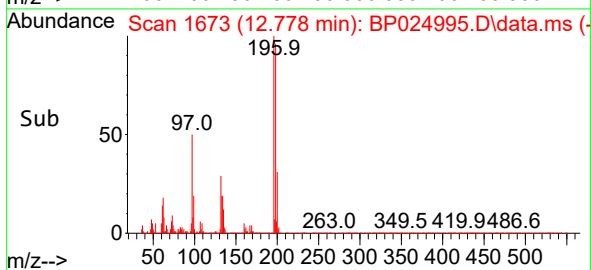
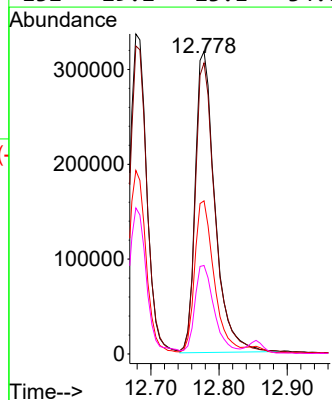
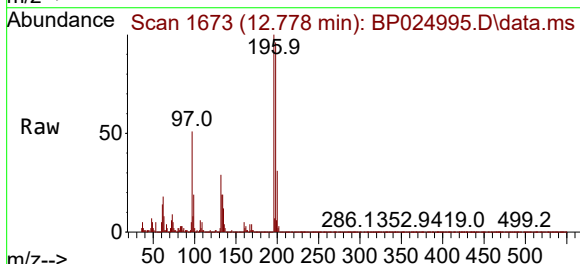
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

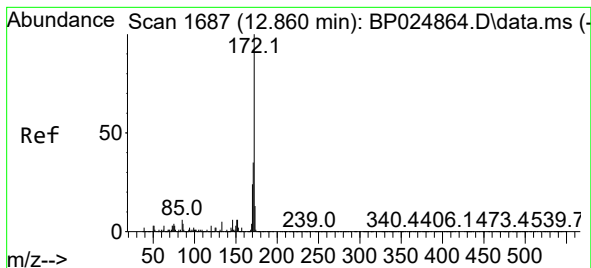
Tgt Ion:196 Resp: 589260
Ion Ratio Lower Upper
196 100
198 96.2 75.4 113.0
200 30.2 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 50.970 ng
RT: 12.778 min Scan# 1673
Delta R.T. 0.018 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:196 Resp: 638845
Ion Ratio Lower Upper
196 100
198 96.1 76.0 114.0
97 50.6 41.5 62.3
132 29.2 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 81.444 ng

RT: 12.854 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

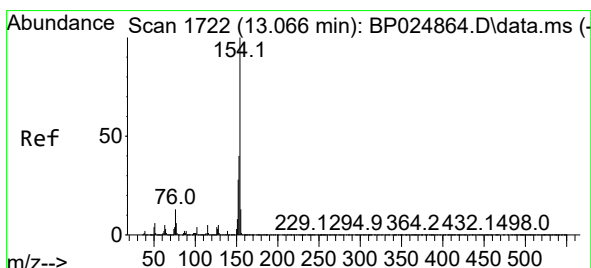
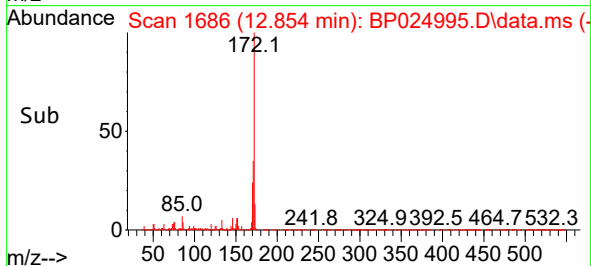
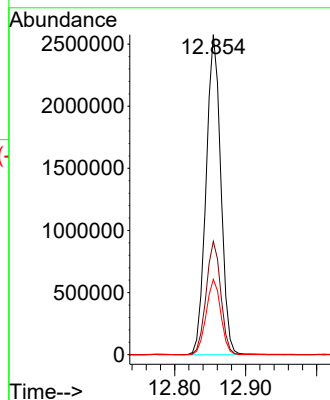
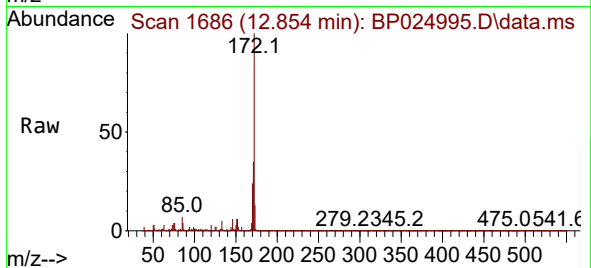
Tgt Ion:172 Resp: 3713121

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.674 ng

RT: 13.066 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

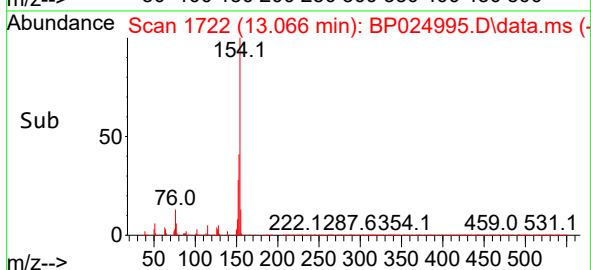
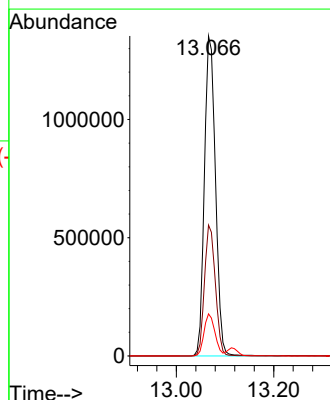
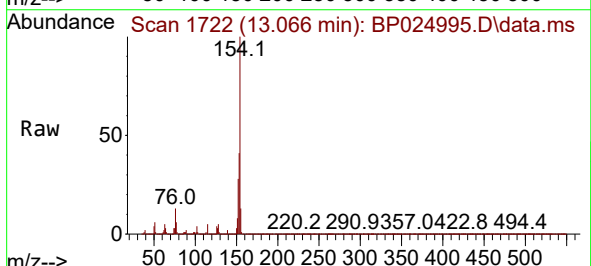
Tgt Ion:154 Resp: 2127848

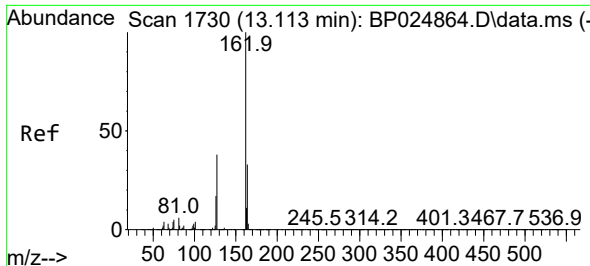
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 13.2 0.0 33.0

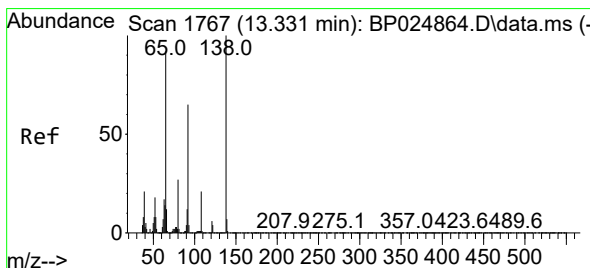
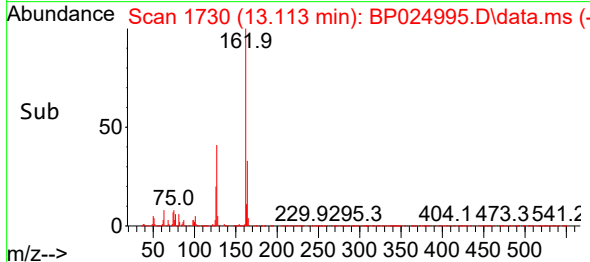
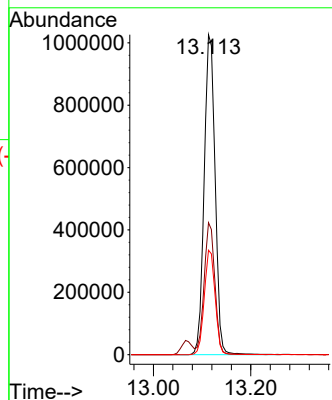
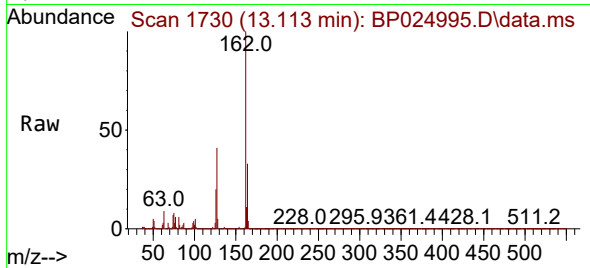




#47
2-Chloronaphthalene
Concen: 46.629 ng
RT: 13.113 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

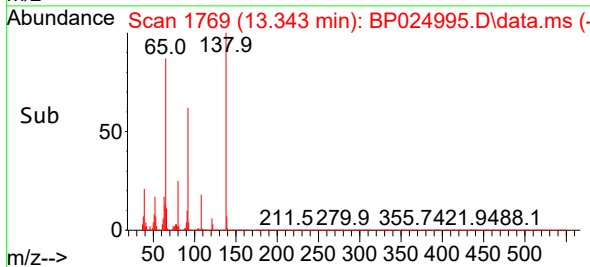
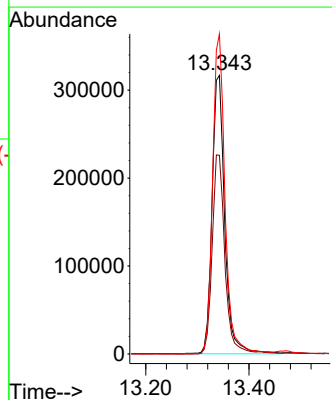
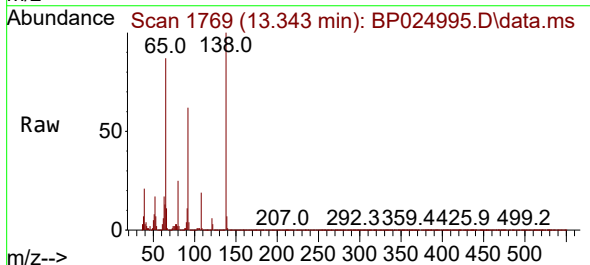
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

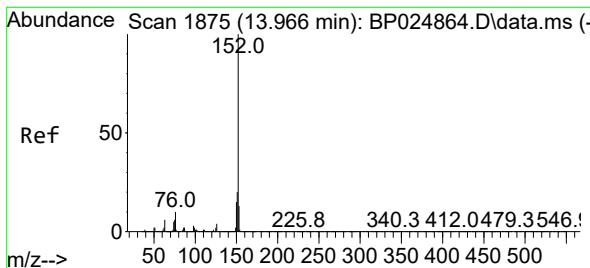
Tgt Ion:162 Resp: 1599570
Ion Ratio Lower Upper
162 100
127 41.2 32.5 48.7
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 51.088 ng
RT: 13.343 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion: 65 Resp: 538789
Ion Ratio Lower Upper
65 100
92 71.3 56.8 85.2
138 114.9 86.9 130.3





#49

Acenaphthylene

Concen: 47.269 ng

RT: 13.972 min Scan# 1876

Delta R.T. 0.006 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

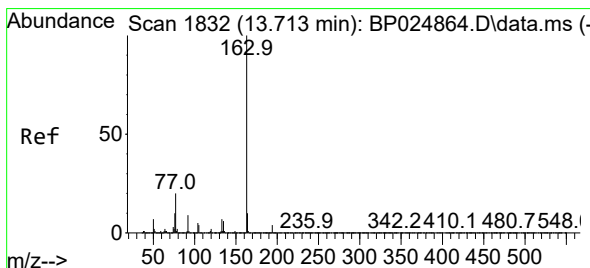
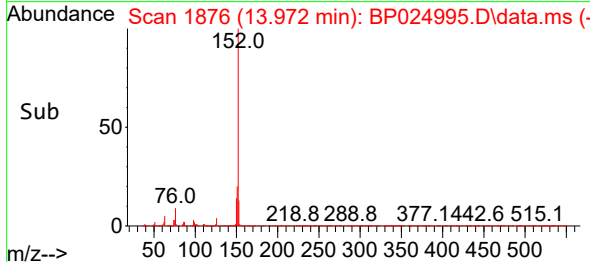
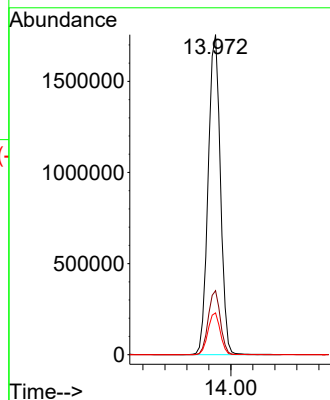
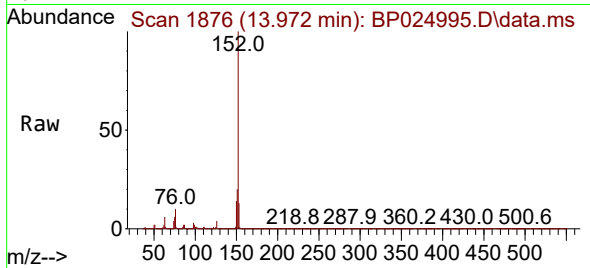
Tgt Ion:152 Resp: 2703658

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 51.018 ng

RT: 13.707 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

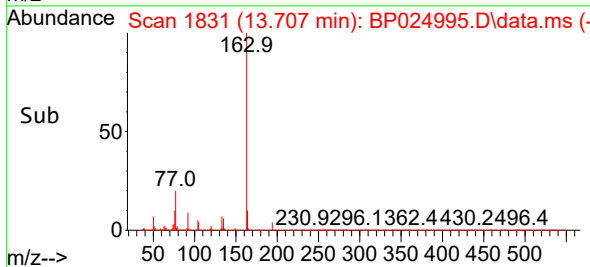
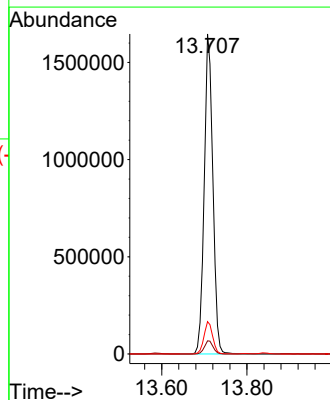
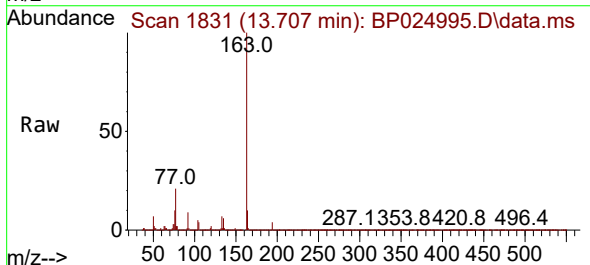
Tgt Ion:163 Resp: 2311406

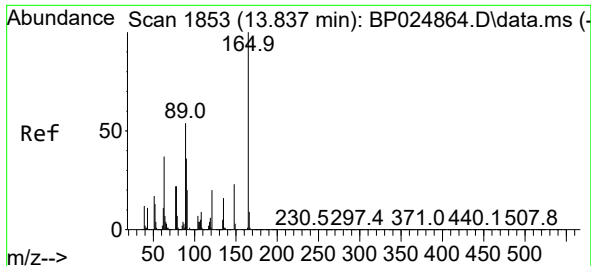
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.0 12.0

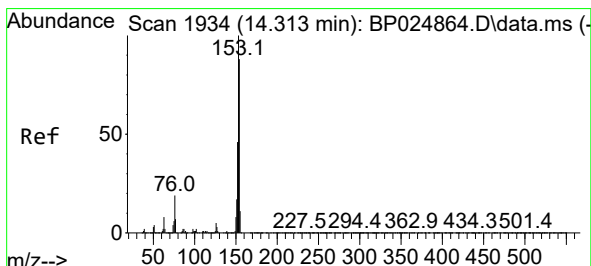
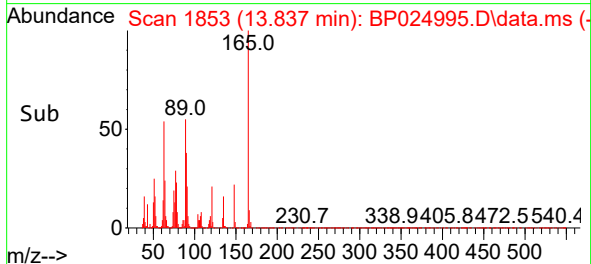
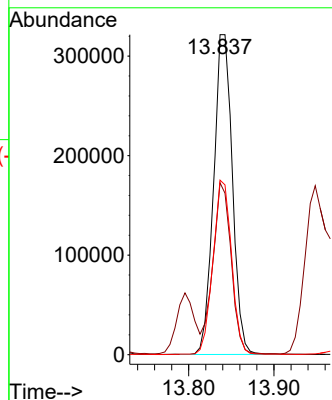
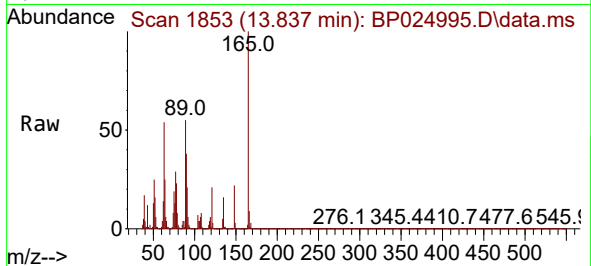




#51
2,6-Dinitrotoluene
Concen: 50.370 ng
RT: 13.837 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

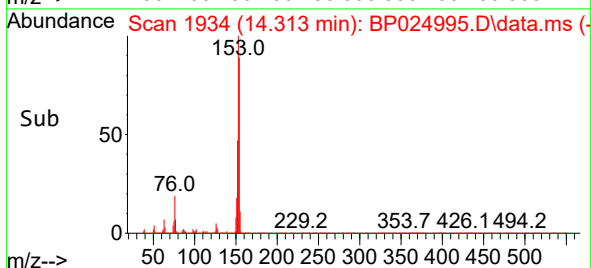
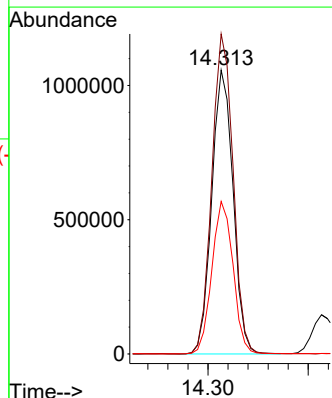
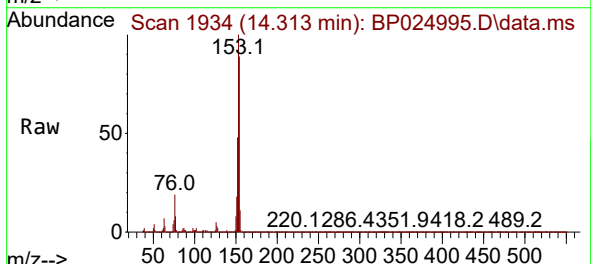
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

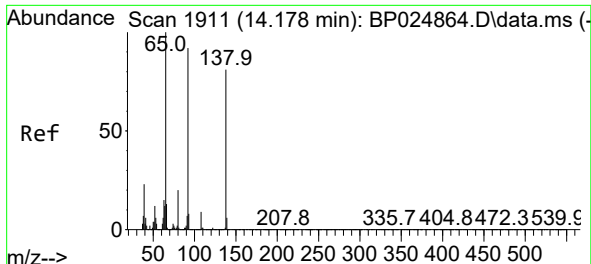
Tgt Ion:165 Resp: 491960
Ion Ratio Lower Upper
165 100
63 53.7 41.8 62.8
89 54.5 43.1 64.7



#52
Acenaphthene
Concen: 47.633 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:154 Resp: 1561197
Ion Ratio Lower Upper
154 100
153 112.7 90.5 135.7
152 53.7 42.1 63.1

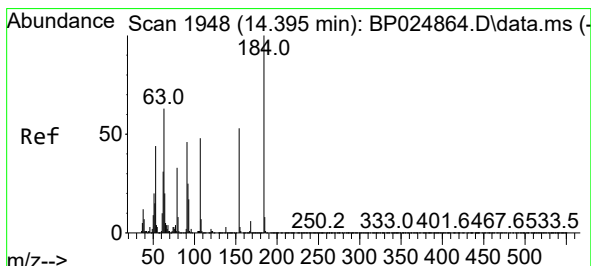
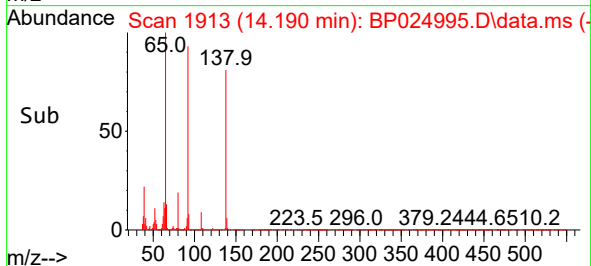
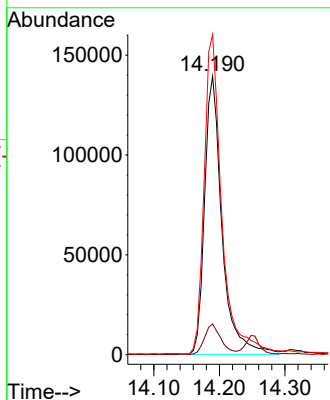
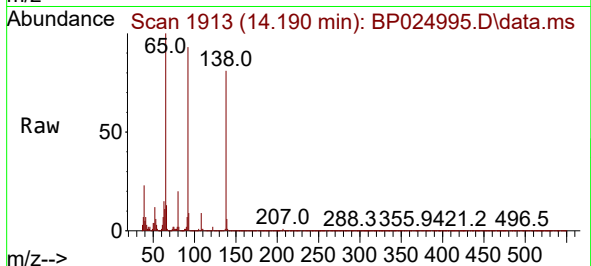




#53
3-Nitroaniline
Concen: 25.388 ng
RT: 14.190 min Scan# 1911
Delta R.T. 0.012 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

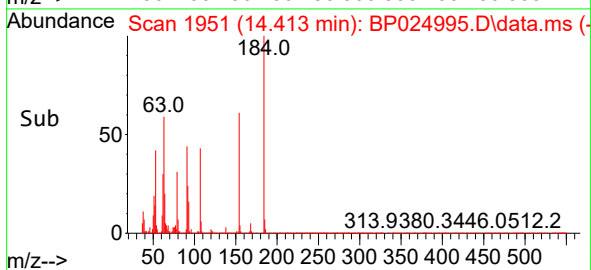
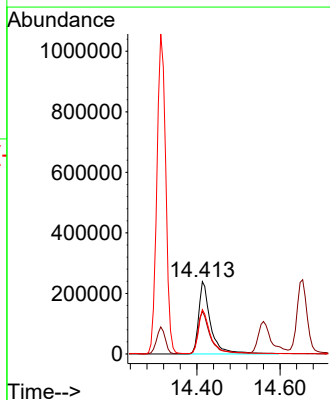
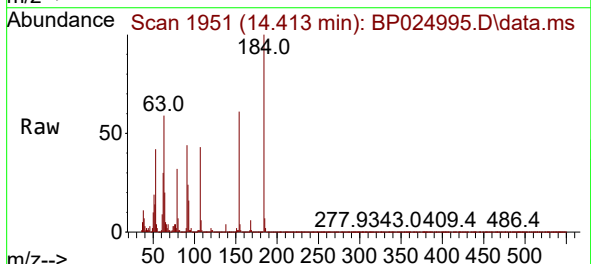
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

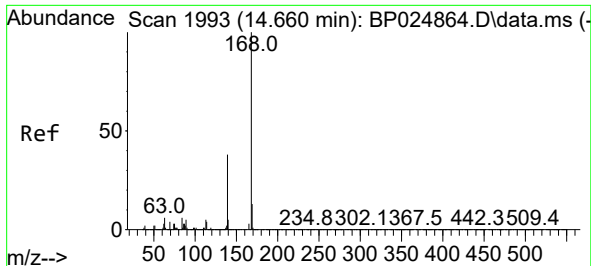
Tgt Ion:138 Resp: 257325
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 115.0 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 75.680 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:184 Resp: 479264
Ion Ratio Lower Upper
184 100
63 58.9 51.0 76.4
154 61.2 51.7 77.5

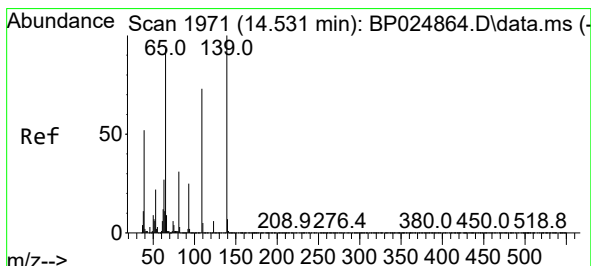
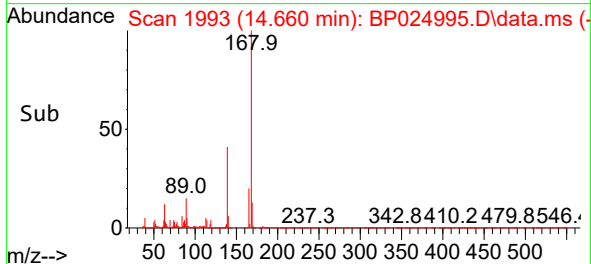
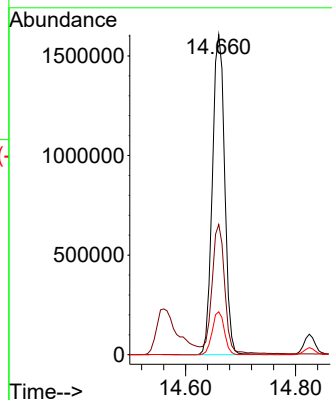
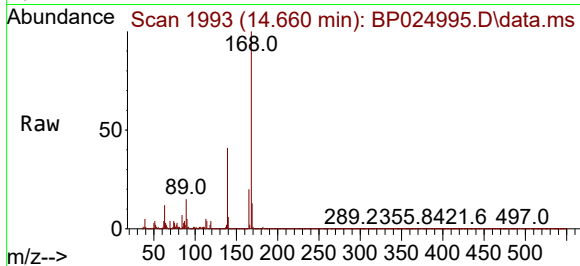




#55
Dibenzenofuran
Concen: 47.400 ng
RT: 14.660 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

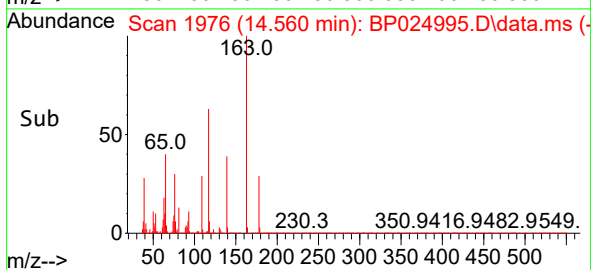
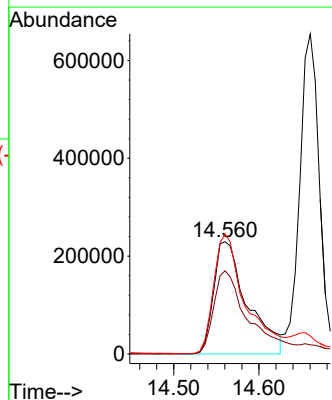
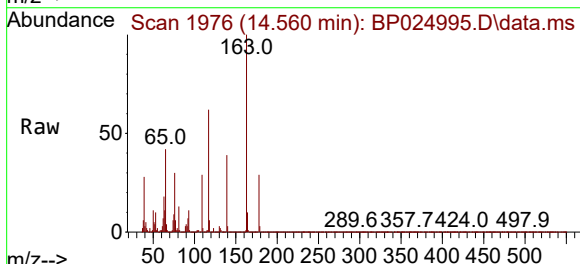
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

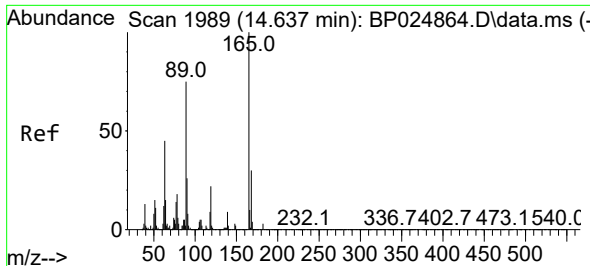
Tgt Ion:168 Resp: 2493777
Ion Ratio Lower Upper
168 100
139 40.7 31.6 47.4
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 73.850 ng
RT: 14.560 min Scan# 1976
Delta R.T. 0.029 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:139 Resp: 629869
Ion Ratio Lower Upper
139 100
109 74.1 53.1 93.1
65 106.8 73.0 113.0

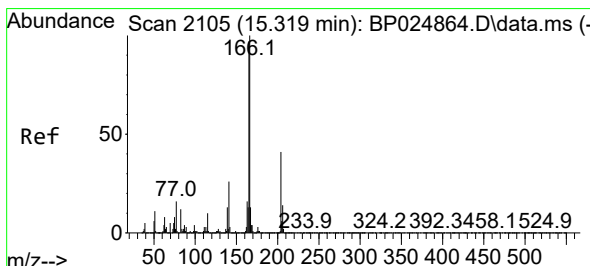
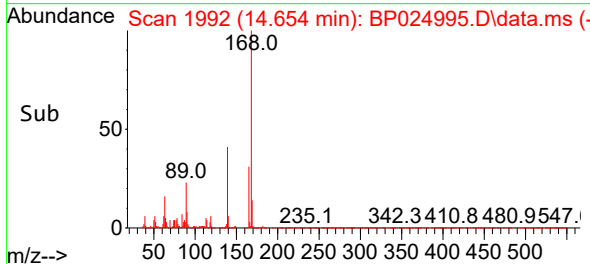
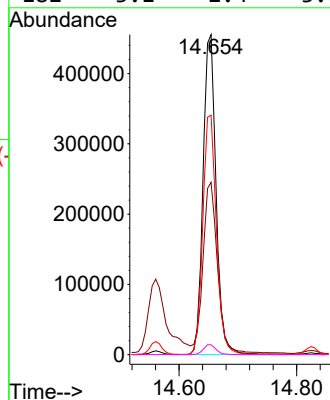
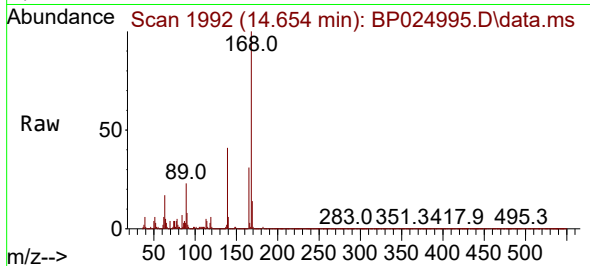




#57
2,4-Dinitrotoluene
Concen: 51.335 ng
RT: 14.654 min Scan# 1989
Delta R.T. 0.017 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

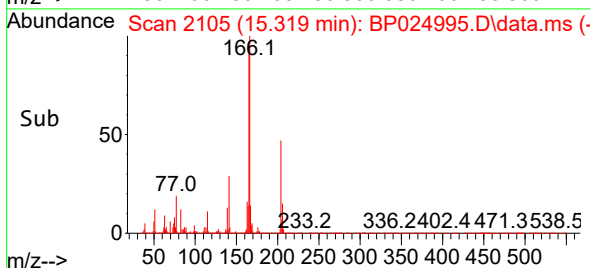
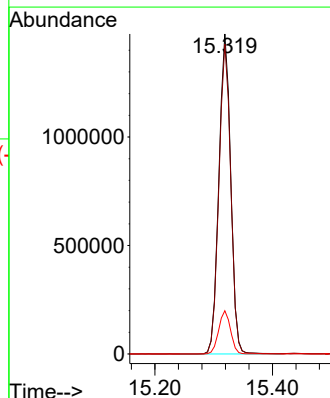
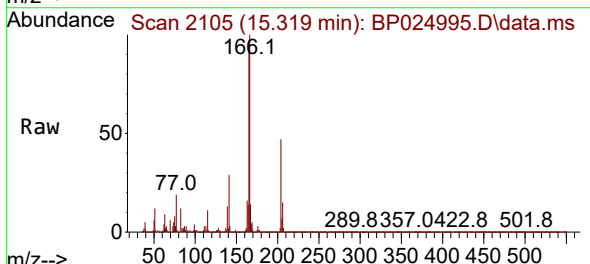
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

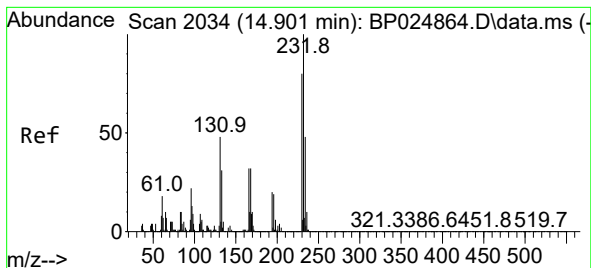
Tgt Ion:165 Resp: 701358
Ion Ratio Lower Upper
165 100
63 53.9 37.0 55.6
89 74.8 60.1 90.1
182 3.1 2.4 3.6



#58
Fluorene
Concen: 48.409 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:166 Resp: 2057394
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.5 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.799 ng

RT: 14.907 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

Tgt Ion:232 Resp: 580077

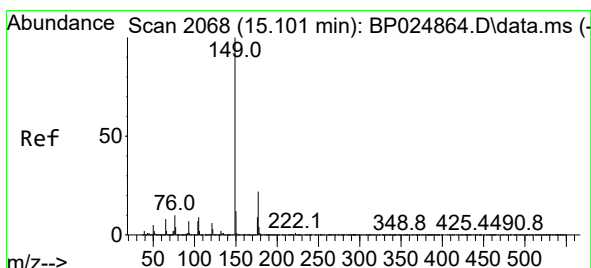
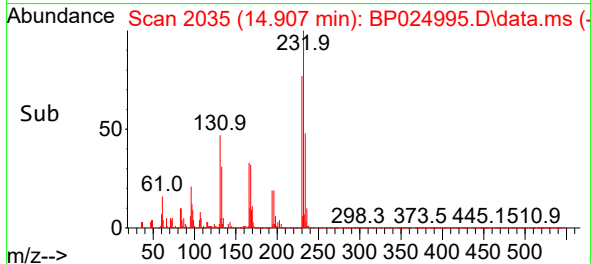
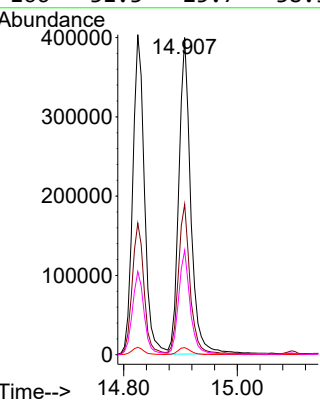
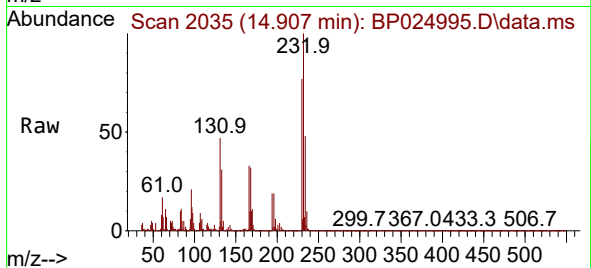
Ion Ratio Lower Upper

232 100

131 47.2 38.2 57.2

130 2.4 2.1 3.1

166 31.3 25.7 38.5



#60

Diethylphthalate

Concen: 51.204 ng

RT: 15.095 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

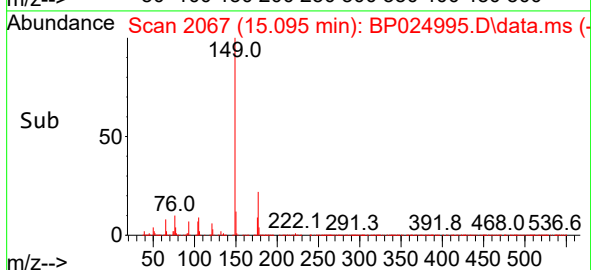
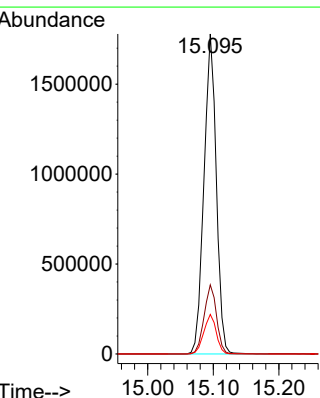
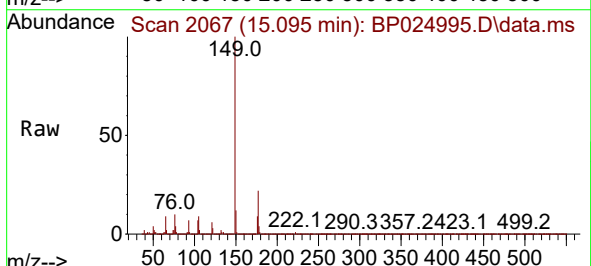
Tgt Ion:149 Resp: 2311971

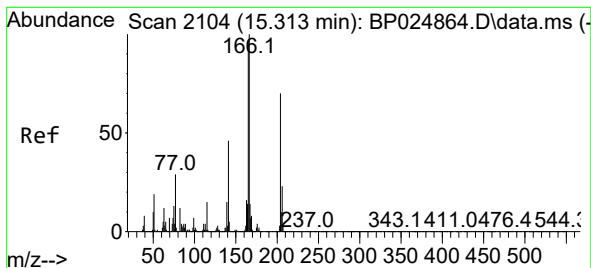
Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

150 12.4 9.8 14.6

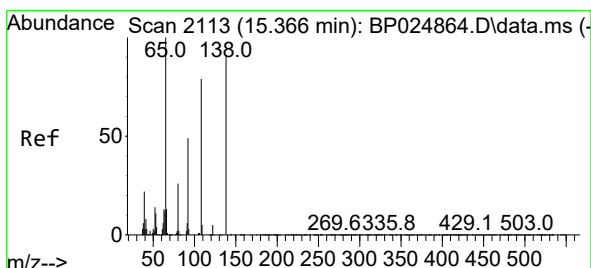
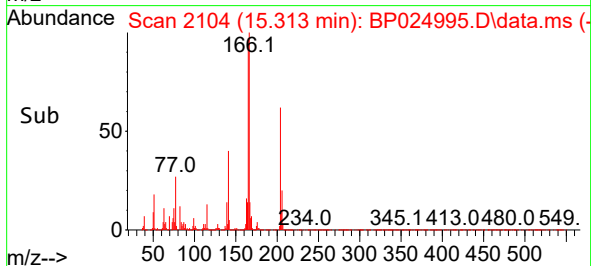
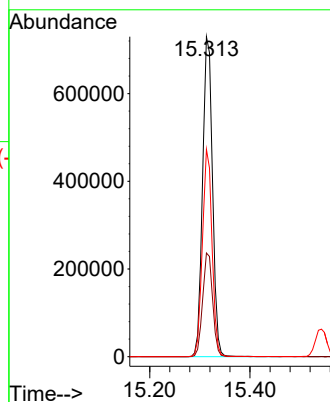
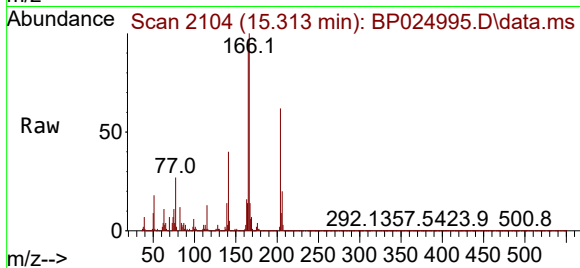




#61
4-Chlorophenyl-phenylether
Concen: 48.204 ng
RT: 15.313 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

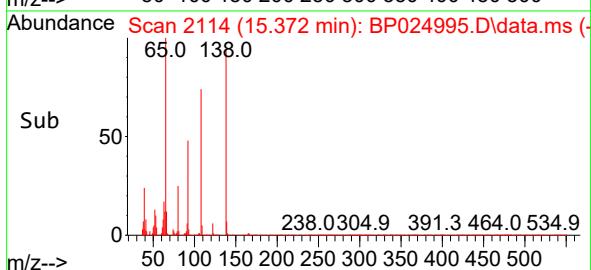
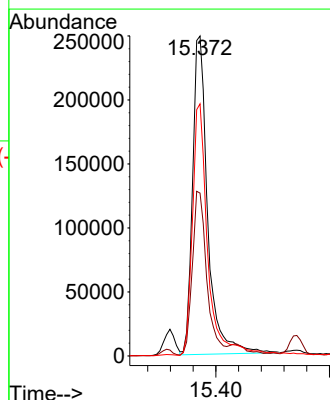
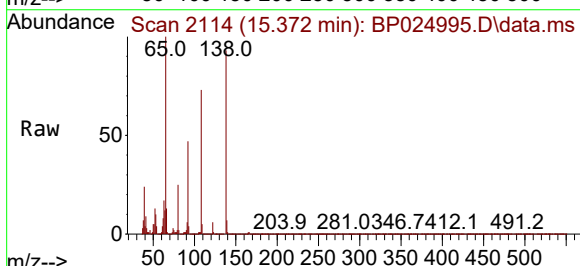
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

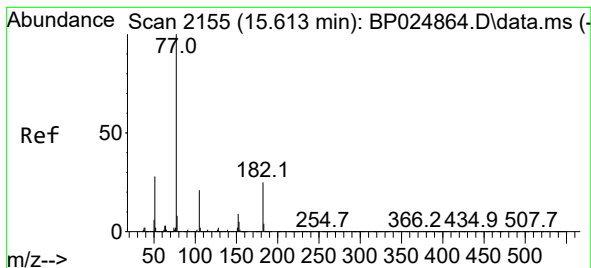
Tgt Ion:204 Resp: 1001717
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.8 52.4 78.6



#62
4-Nitroaniline
Concen: 50.193 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:138 Resp: 461293
Ion Ratio Lower Upper
138 100
92 50.9 33.5 73.5
108 78.8 65.1 105.1

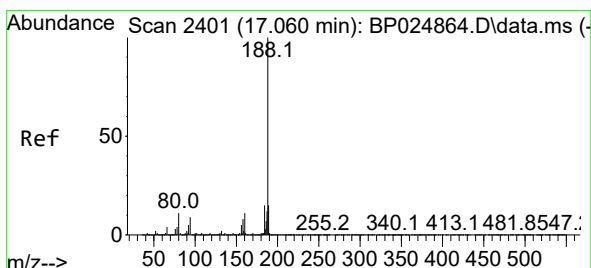
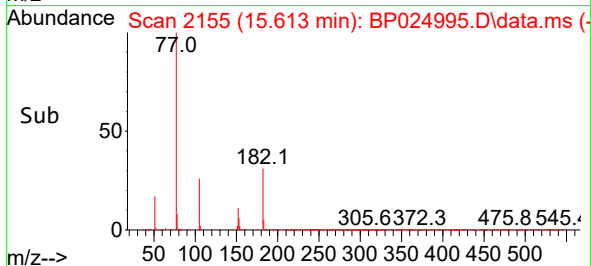
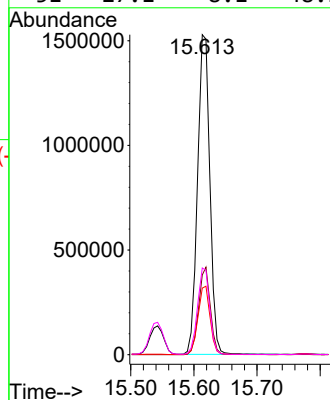
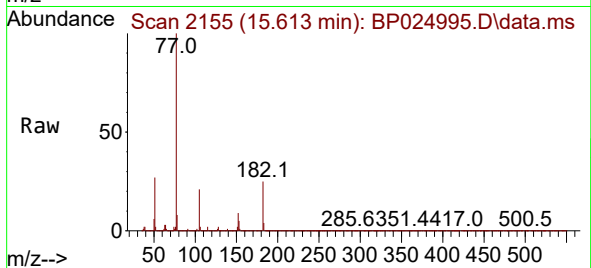




#63
Azobenzene
Concen: 49.856 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

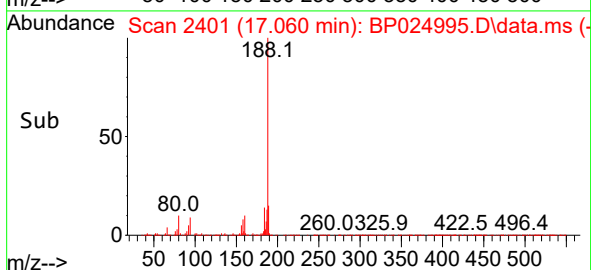
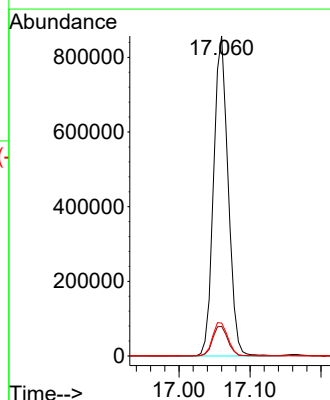
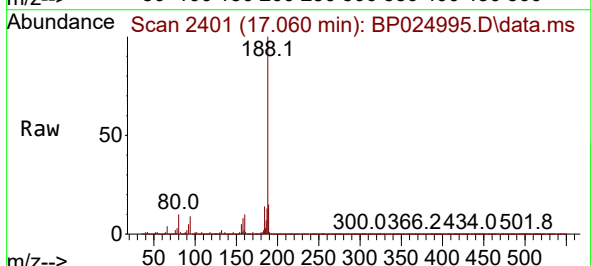
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

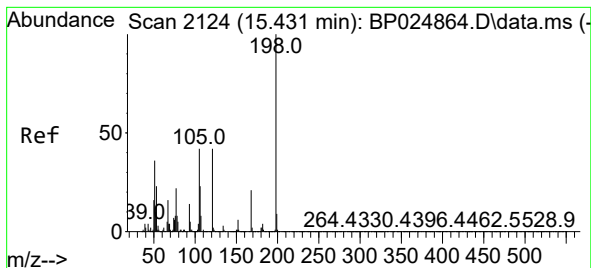
Tgt Ion: 77 Resp: 2064593
Ion Ratio Lower Upper
77 100
182 24.9 5.4 45.4
105 20.8 0.8 40.8
51 27.1 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion: 188 Resp: 1216080
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 10.3 8.5 12.7

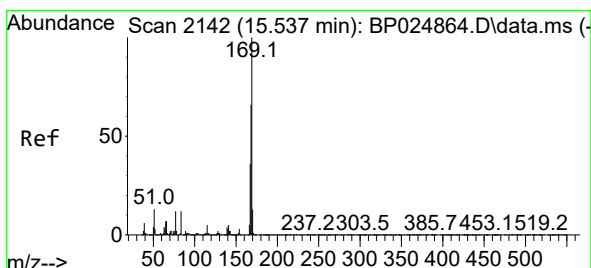
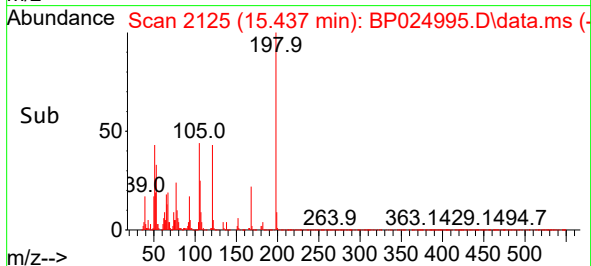
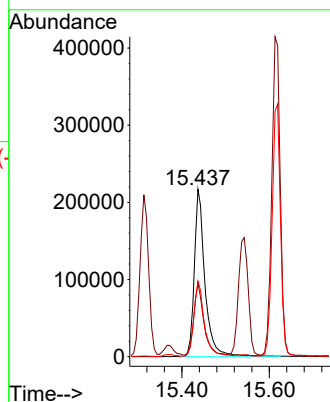
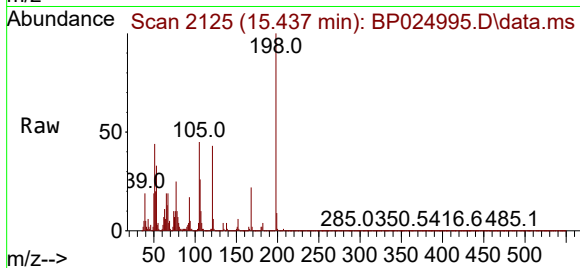




#65
4,6-Dinitro-2-methylphenol
Concen: 46.011 ng
RT: 15.437 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

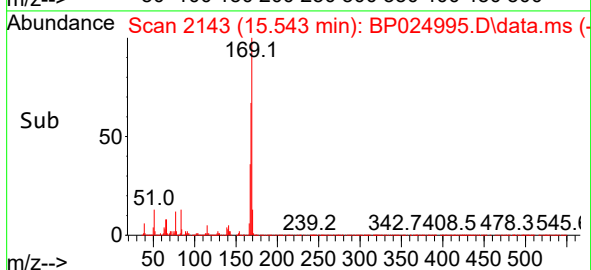
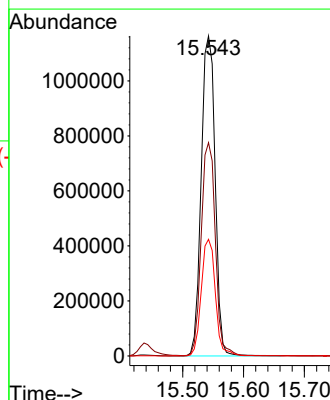
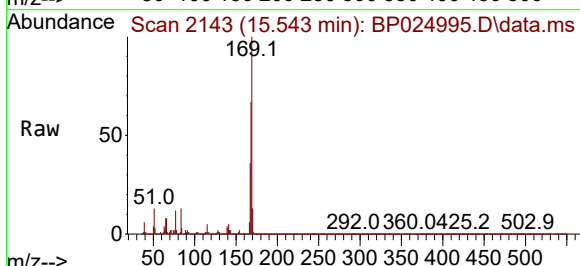
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

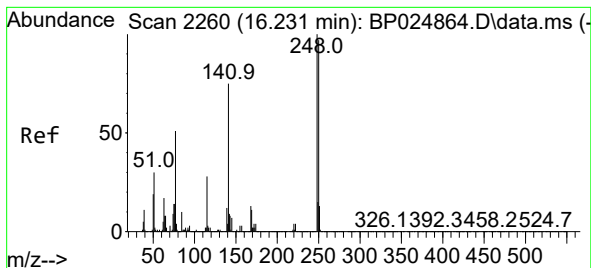
Tgt Ion:198 Resp: 367659
Ion Ratio Lower Upper
198 100
51 44.1 19.2 59.2
105 45.1 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 48.782 ng
RT: 15.543 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:169 Resp: 1838746
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 36.5 28.6 43.0

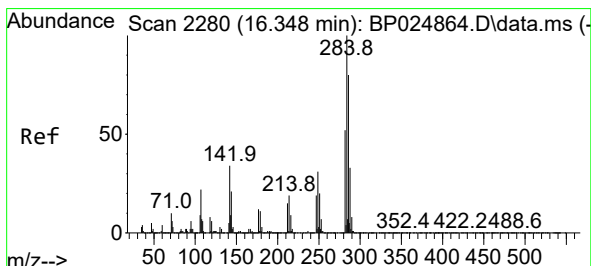
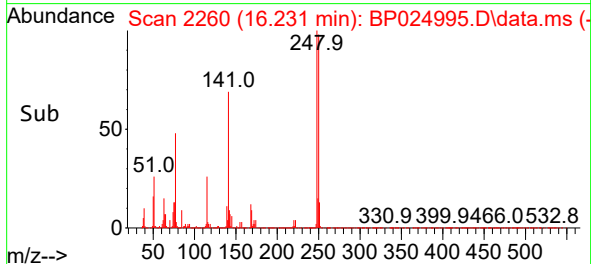
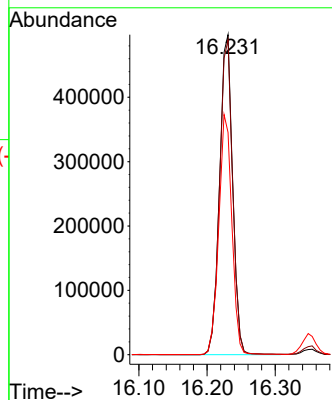
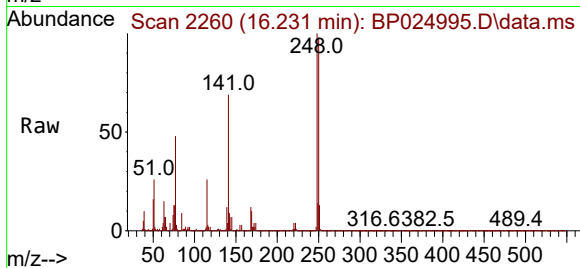




#67
4-Bromophenyl-phenylether
Concen: 48.247 ng
RT: 16.231 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

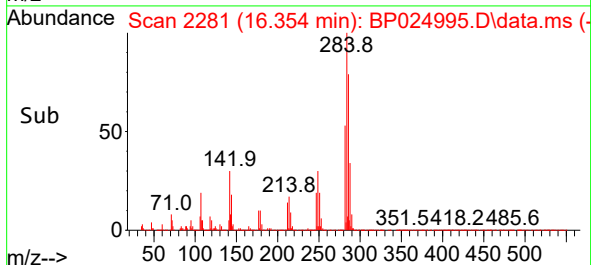
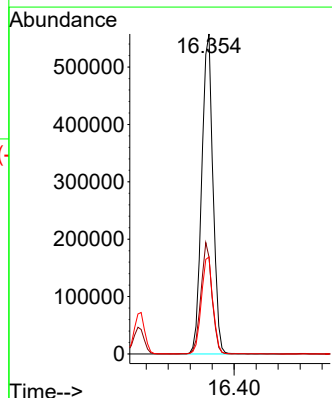
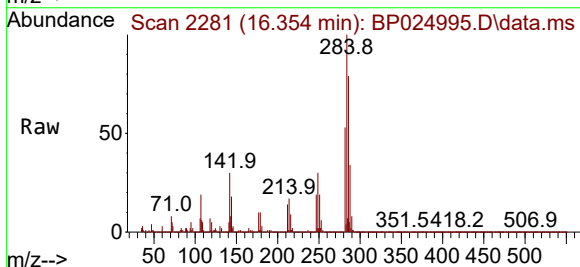
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

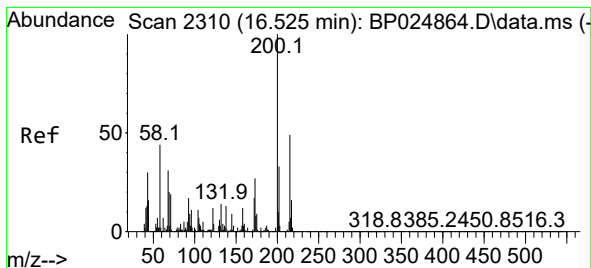
Tgt Ion:248 Resp: 662017
Ion Ratio Lower Upper
248 100
250 98.3 77.4 116.2
141 69.5 59.9 89.9



#68
Hexachlorobenzene
Concen: 47.517 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:284 Resp: 790416
Ion Ratio Lower Upper
284 100
142 30.3 27.0 40.6
249 30.3 25.0 37.6





#69

Atrazine

Concen: 51.653 ng

RT: 16.525 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

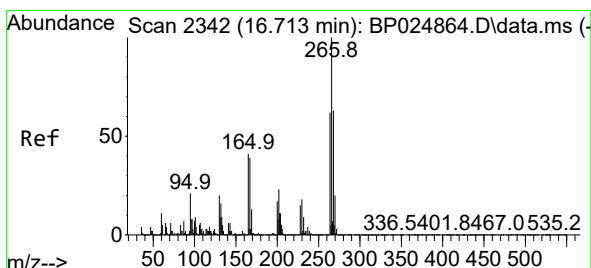
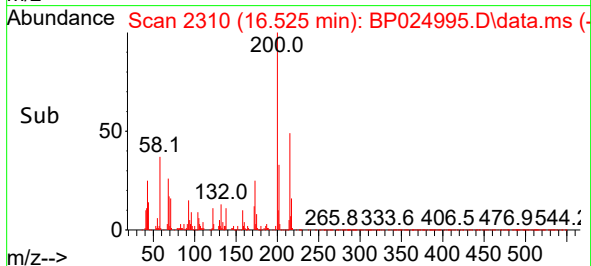
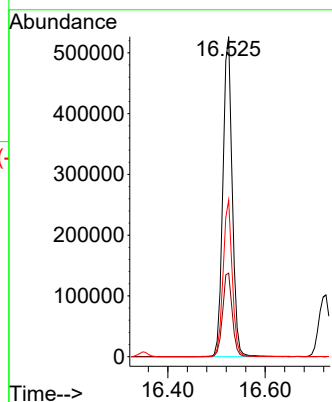
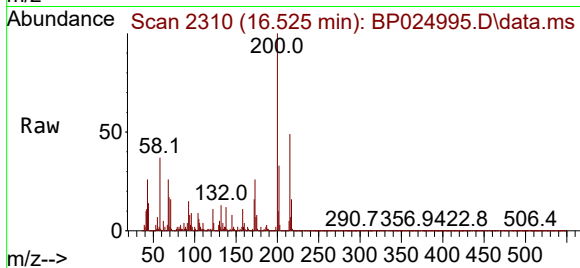
Tgt Ion:200 Resp: 705811

Ion Ratio Lower Upper

200 100

173 26.1 6.9 46.9

215 49.0 28.7 68.7



#70

Pentachlorophenol

Concen: 112.979 ng

RT: 16.725 min Scan# 2344

Delta R.T. 0.012 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

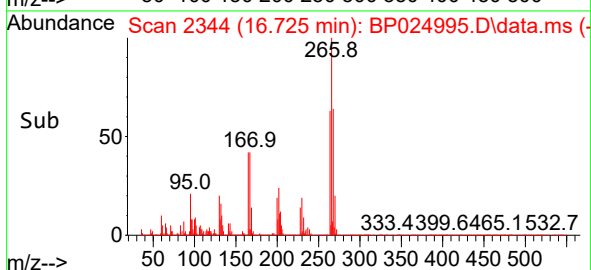
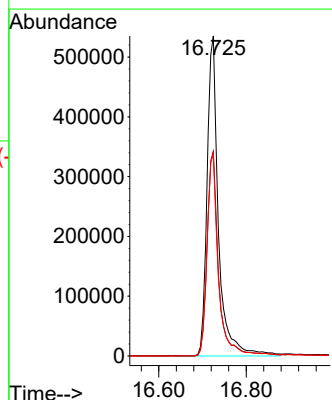
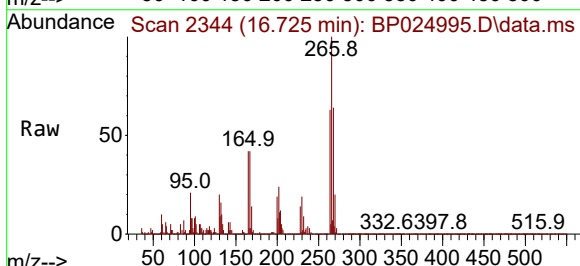
Tgt Ion:266 Resp: 972643

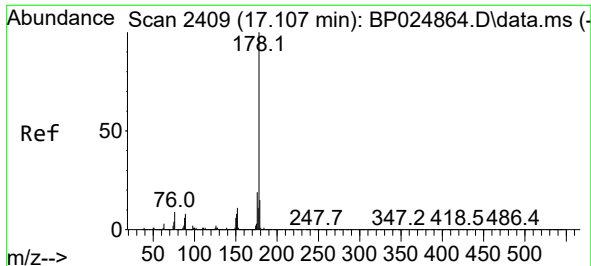
Ion Ratio Lower Upper

266 100

268 64.0 50.6 76.0

264 63.2 49.7 74.5

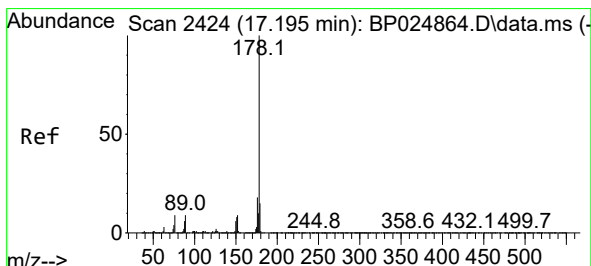
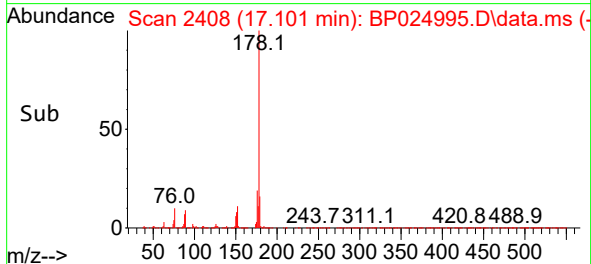
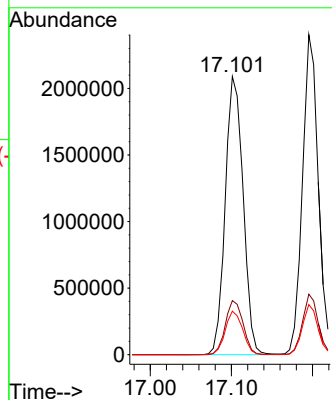
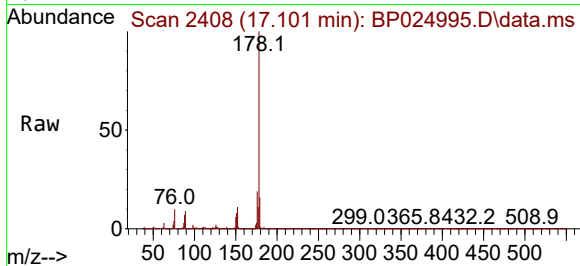




#71
Phenanthrene
Concen: 47.704 ng
RT: 17.101 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

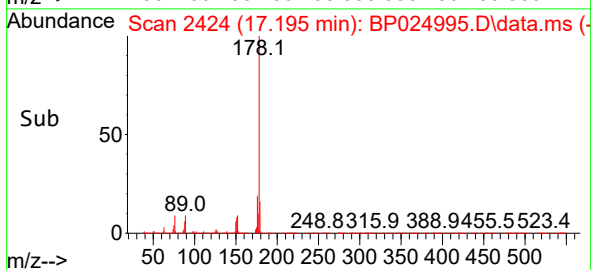
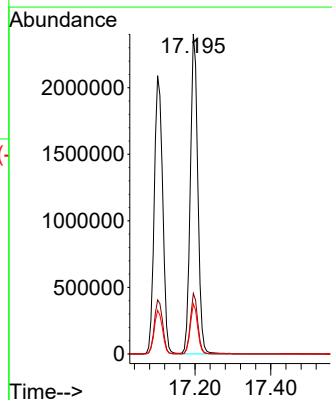
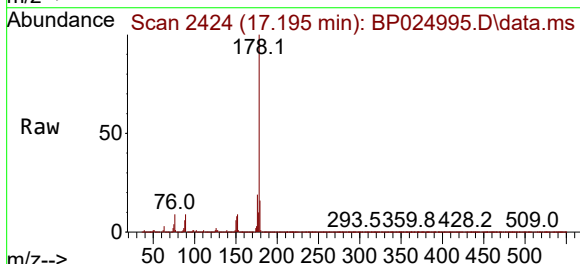
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMS

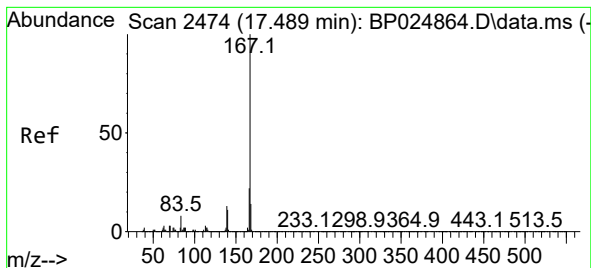
Tgt Ion:178 Resp: 3205790
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.1 18.1



#72
Anthracene
Concen: 48.351 ng
RT: 17.195 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP024995.D
Acq: 18 Jun 2025 15:26

Tgt Ion:178 Resp: 3290810
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.6 12.3 18.5





#73

Carbazole

Concen: 50.040 ng

RT: 17.489 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

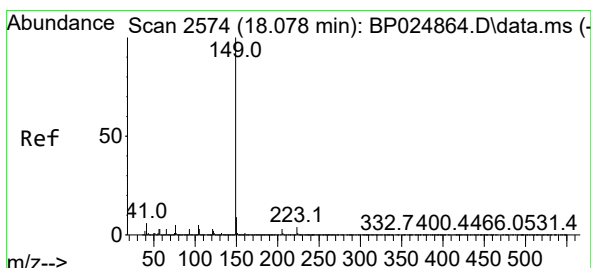
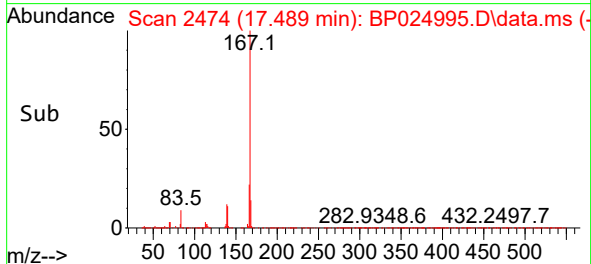
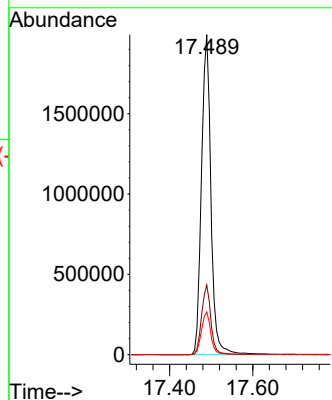
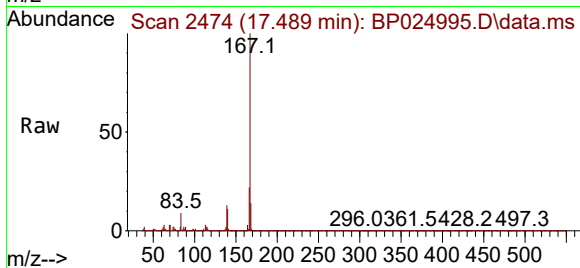
Tgt Ion:167 Resp: 3156761

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 13.4 10.8 16.2



#74

Di-n-butylphthalate

Concen: 52.178 ng

RT: 18.066 min Scan# 2572

Delta R.T. -0.012 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

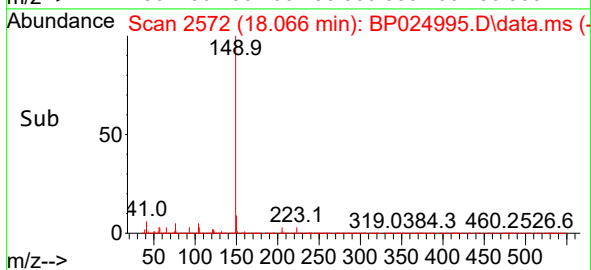
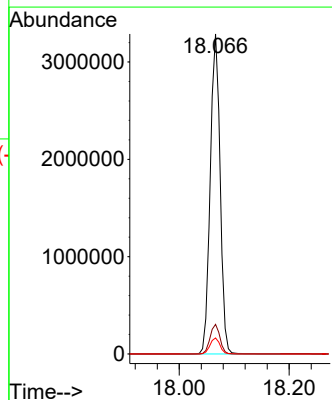
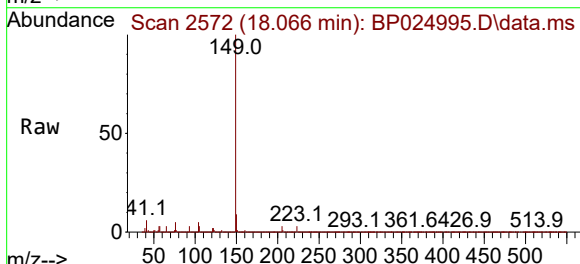
Tgt Ion:149 Resp: 4078294

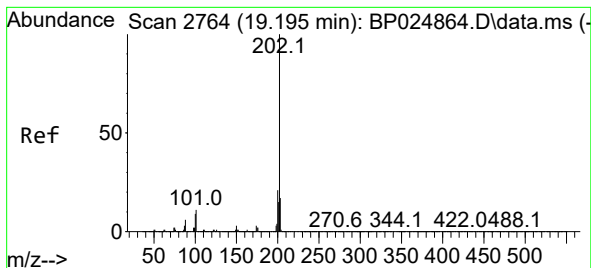
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 48.880 ng

RT: 19.195 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

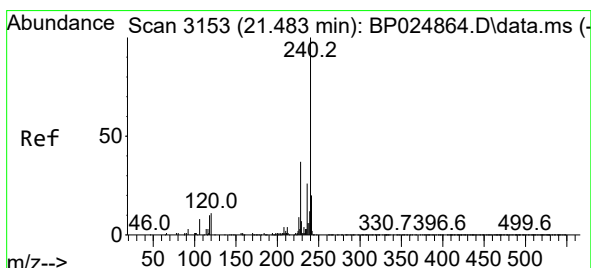
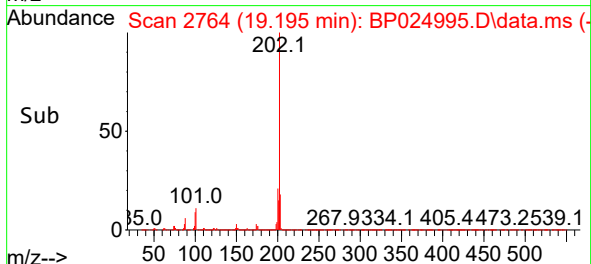
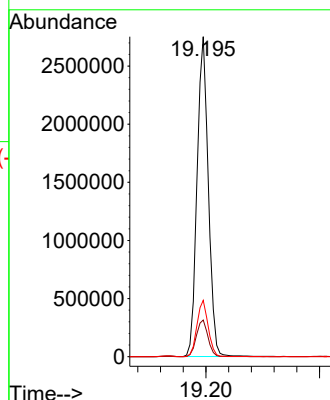
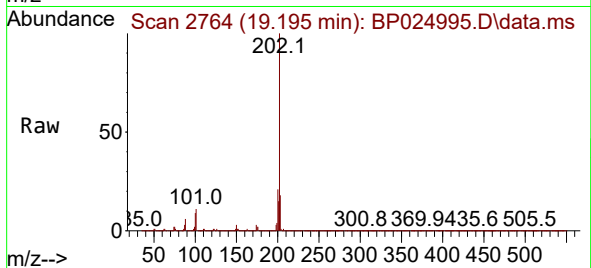
Tgt Ion:202 Resp: 3807278

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.4

203 17.6 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: BP024995.D

Acq: 18 Jun 2025 15:26

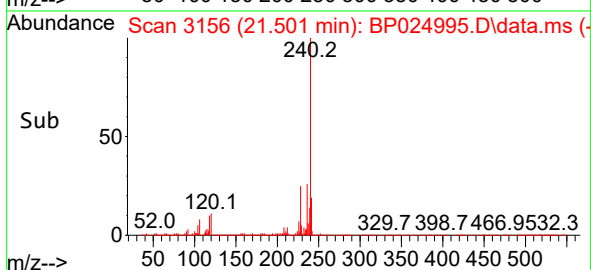
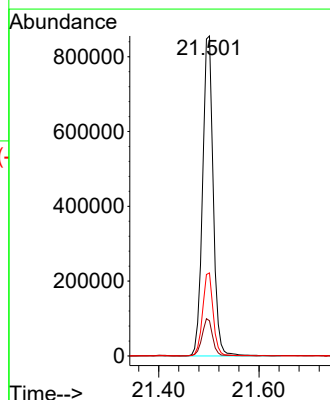
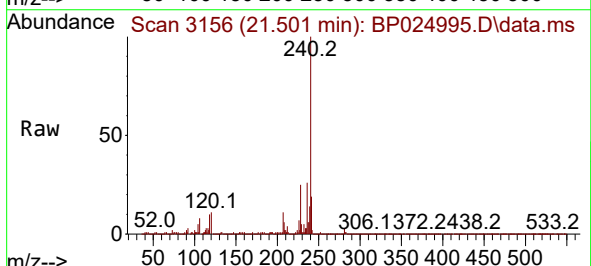
Tgt Ion:240 Resp: 1258513

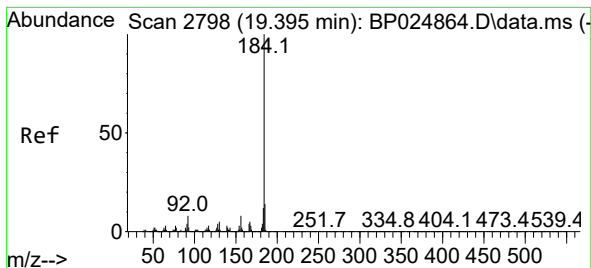
Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.9 20.9 31.3





#77

Benzidine

Concen: 25.803 ng

RT: 19.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

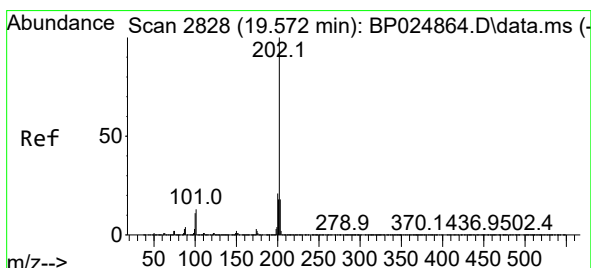
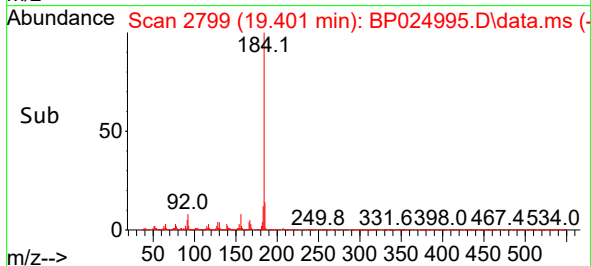
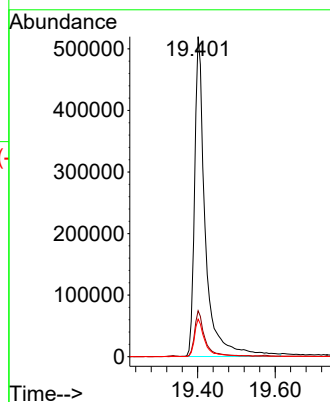
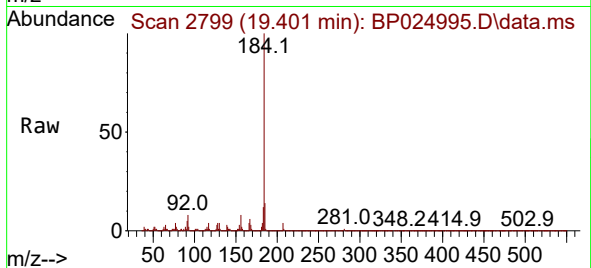
Tgt Ion:184 Resp: 1005765

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

183 11.8 9.5 14.3



#78

Pyrene

Concen: 50.176 ng

RT: 19.572 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

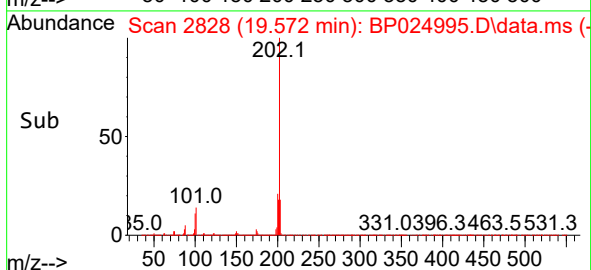
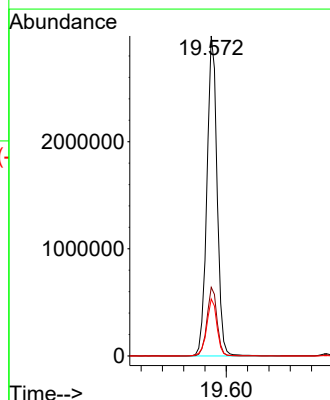
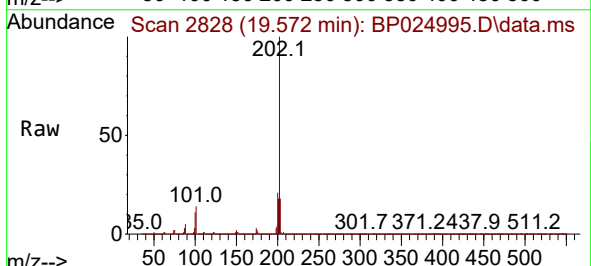
Tgt Ion:202 Resp: 3945102

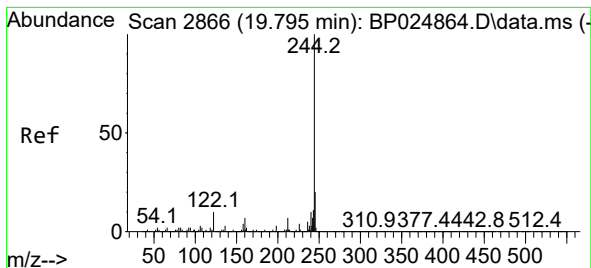
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 88.219 ng

RT: 19.789 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

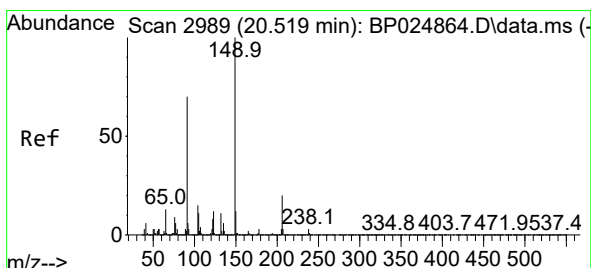
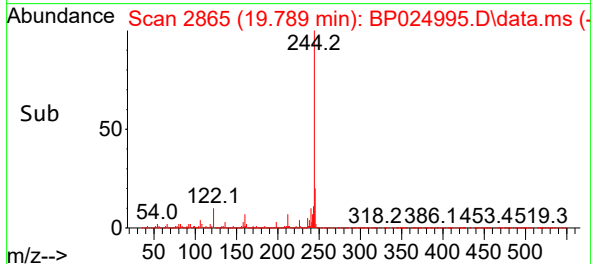
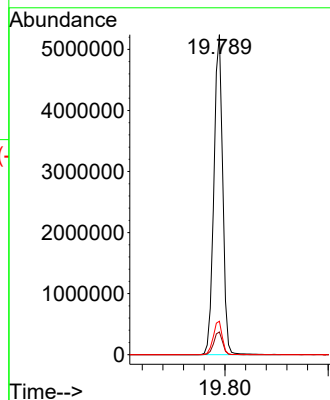
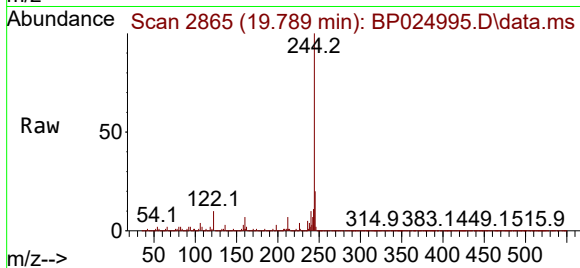
Tgt Ion:244 Resp: 6194695

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.4 7.7 11.5



#80

Butylbenzylphthalate

Concen: 53.950 ng

RT: 20.519 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

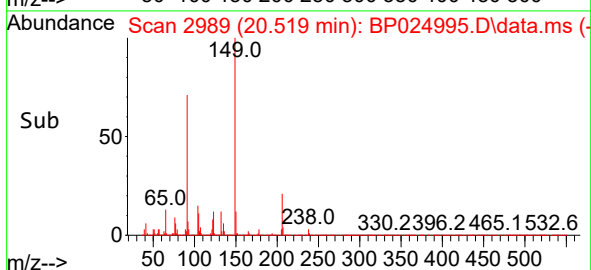
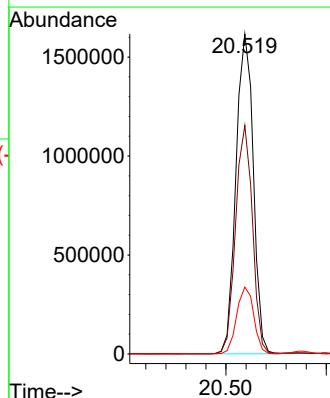
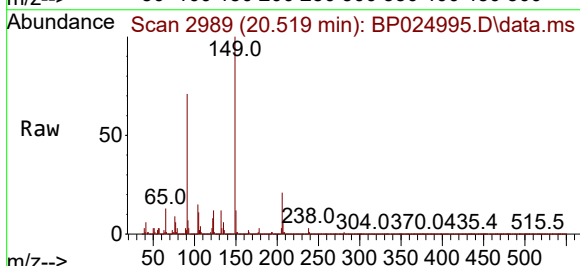
Tgt Ion:149 Resp: 1942979

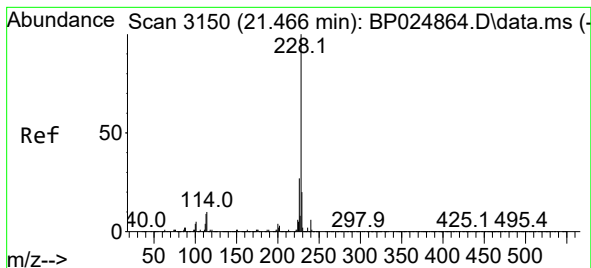
Ion Ratio Lower Upper

149 100

91 71.4 55.8 83.8

206 20.9 16.2 24.2





#81

Benzo(a)anthracene

Concen: 49.571 ng

RT: 21.477 min Scan# 3150

Delta R.T. 0.012 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

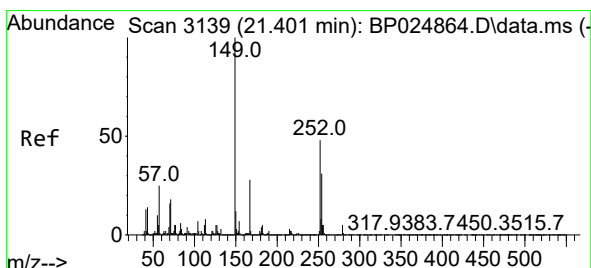
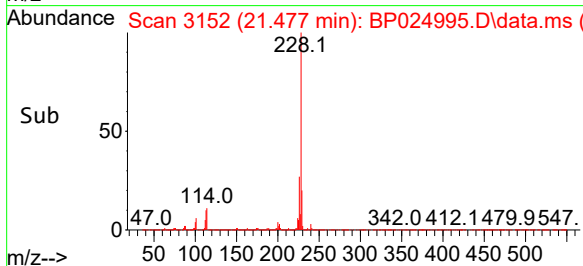
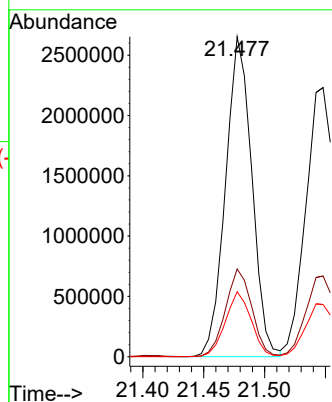
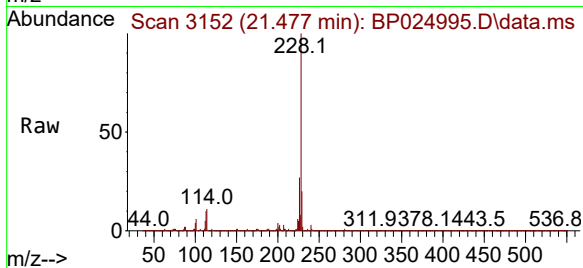
Tgt Ion:228 Resp: 3990097

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.3 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 30.039 ng

RT: 21.407 min Scan# 3140

Delta R.T. 0.006 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

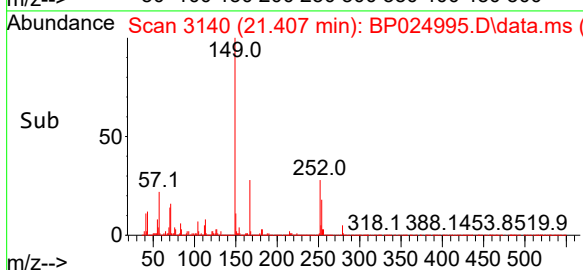
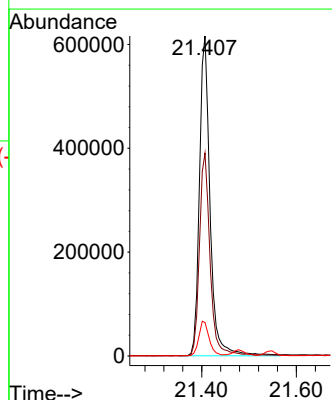
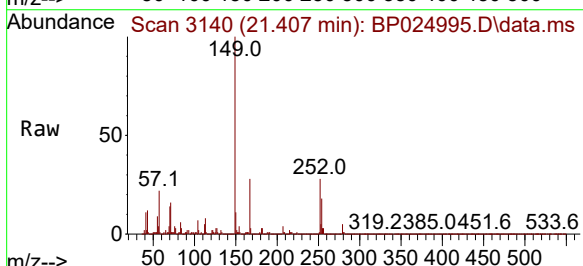
Tgt Ion:252 Resp: 959911

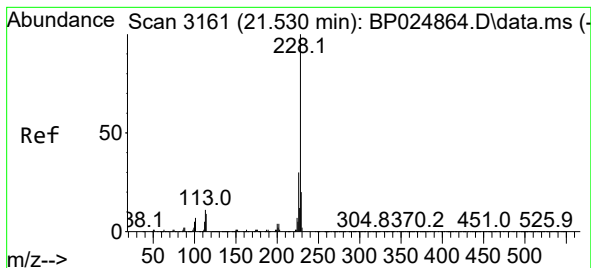
Ion Ratio Lower Upper

252 100

254 63.4 51.2 76.8

126 10.5 8.6 12.8





#83

Chrysene

Concen: 48.768 ng

RT: 21.548 min Scan# 3161

Delta R.T. 0.018 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

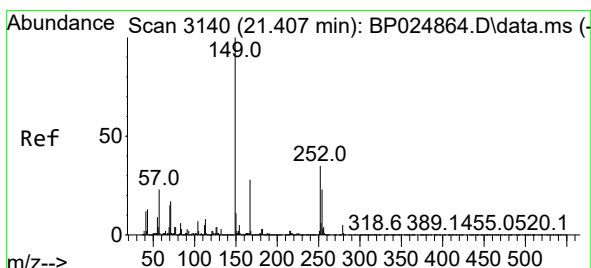
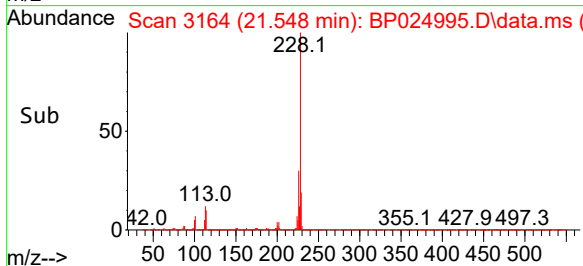
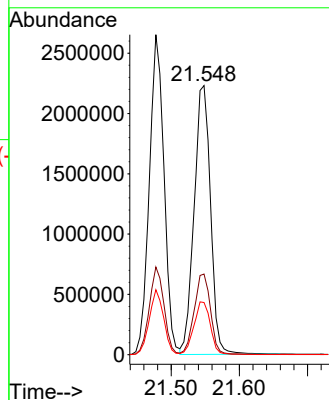
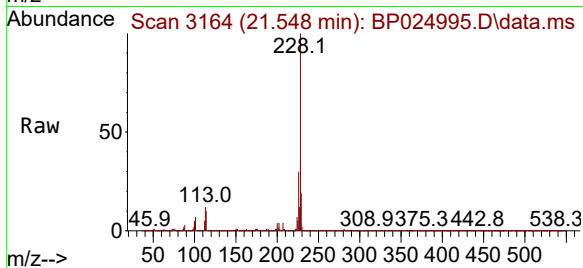
Tgt Ion:228 Resp: 3719434

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.422 ng

RT: 21.407 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

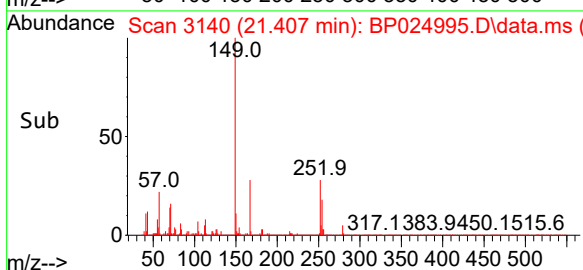
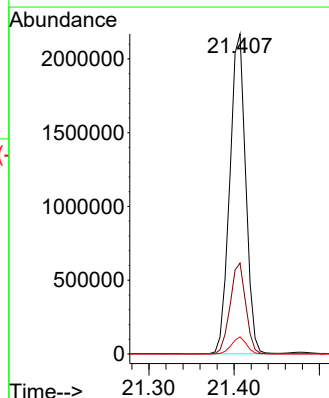
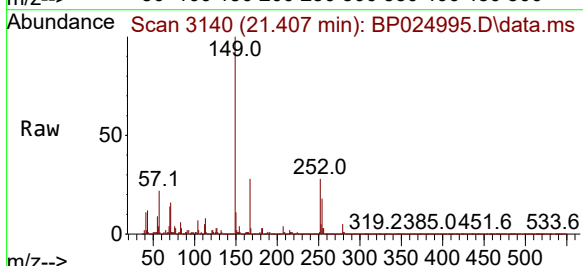
Tgt Ion:149 Resp: 2808178

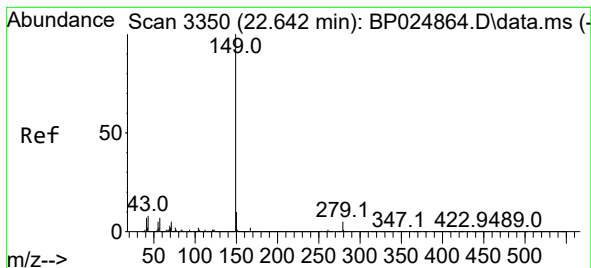
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 5.3 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 53.888 ng

RT: 22.654 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

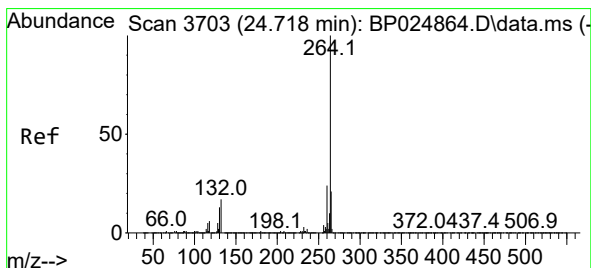
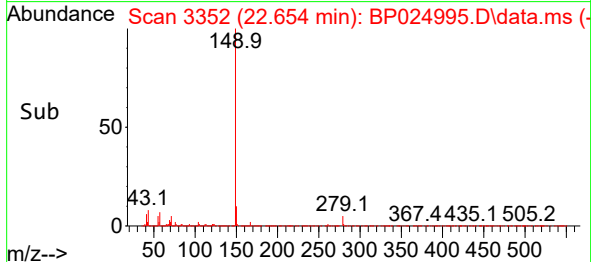
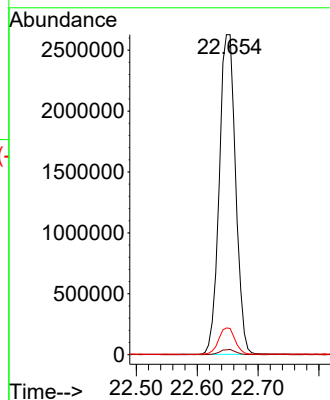
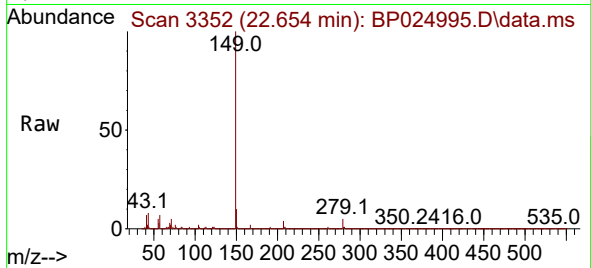
Tgt Ion:149 Resp: 4901102

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

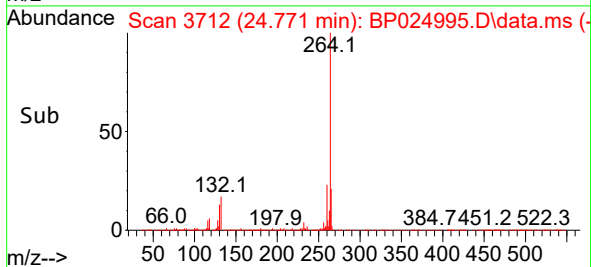
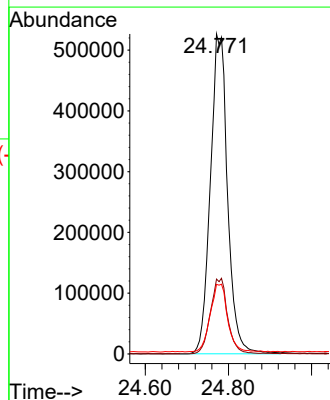
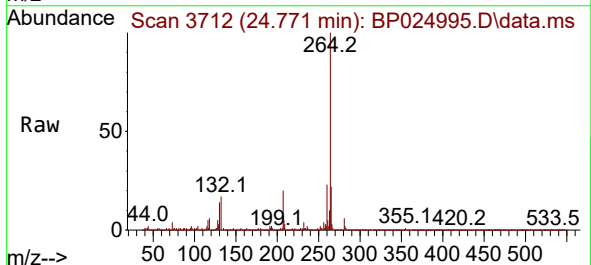
Tgt Ion:264 Resp: 1511485

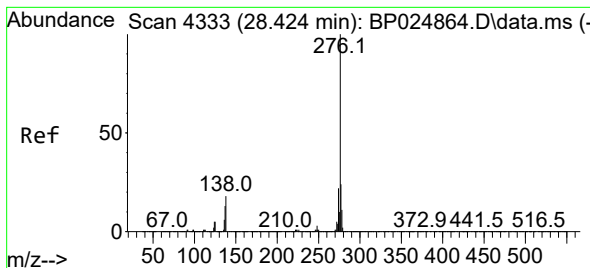
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.419 ng

RT: 28.483 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

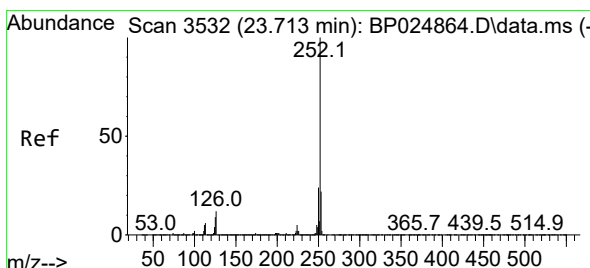
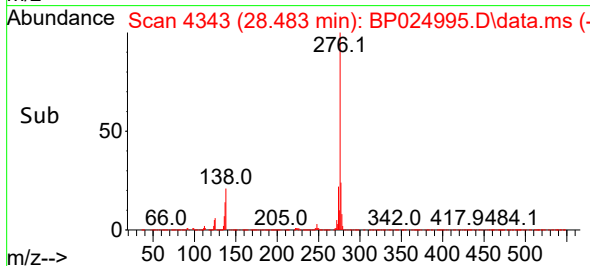
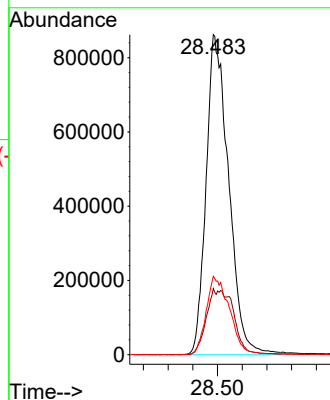
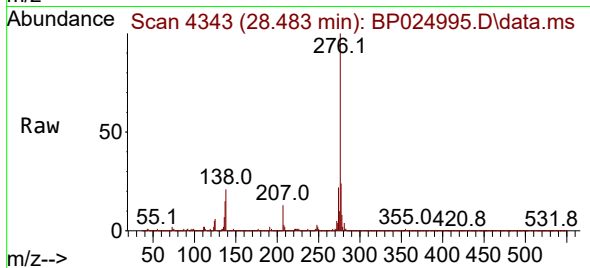
Tgt Ion:276 Resp: 5450032

Ion Ratio Lower Upper

276 100

138 9.4 18.6 27.8#

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.644 ng

RT: 23.736 min Scan# 3536

Delta R.T. 0.024 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

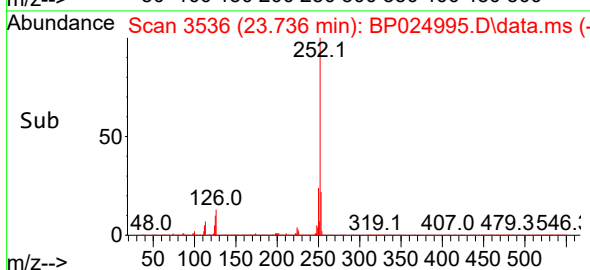
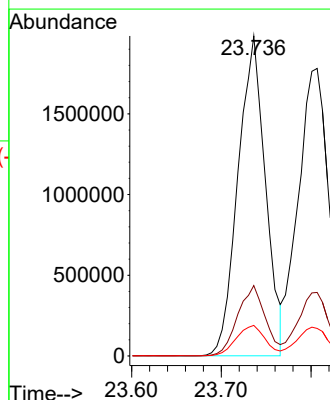
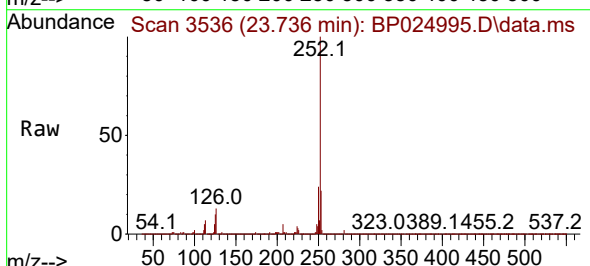
Tgt Ion:252 Resp: 4207871

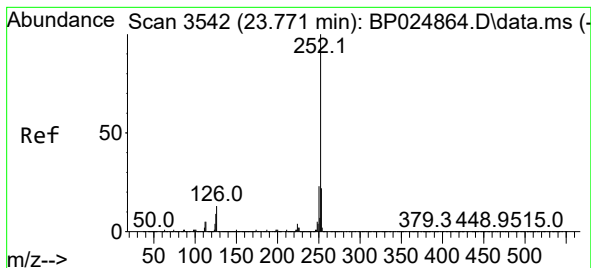
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 49.265 ng

RT: 23.807 min Scan# 31

Delta R.T. 0.035 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

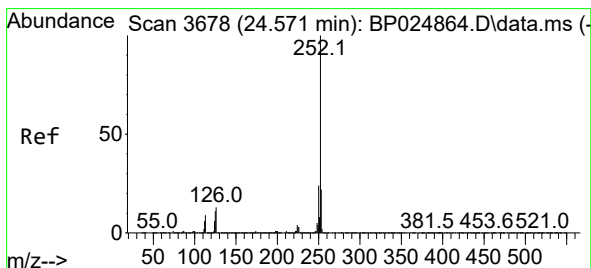
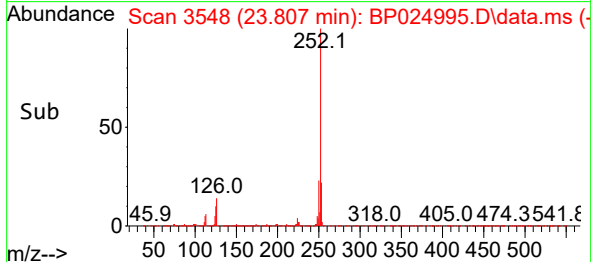
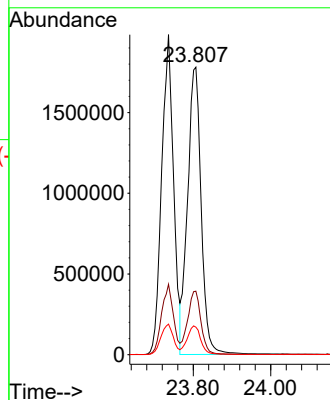
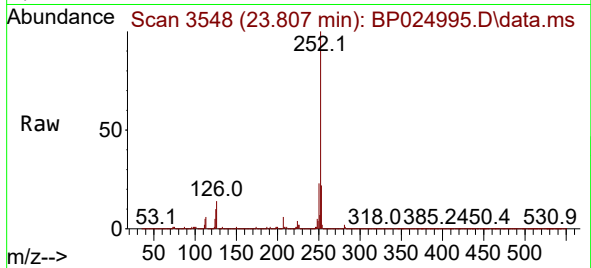
Tgt Ion:252 Resp: 4337889

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.6 7.4 11.0



#90

Benzo(a)pyrene

Concen: 48.659 ng

RT: 24.618 min Scan# 3686

Delta R.T. 0.047 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

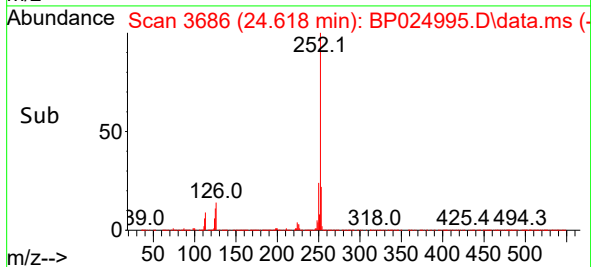
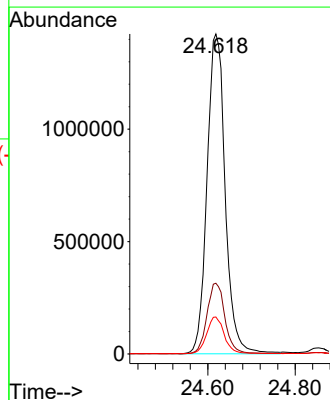
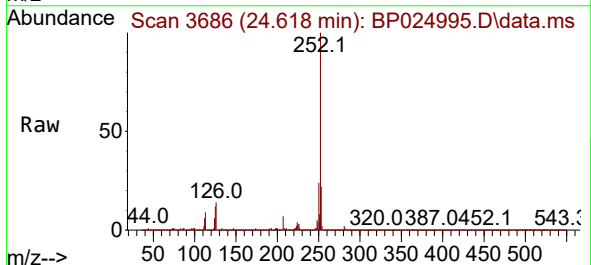
Tgt Ion:252 Resp: 4110605

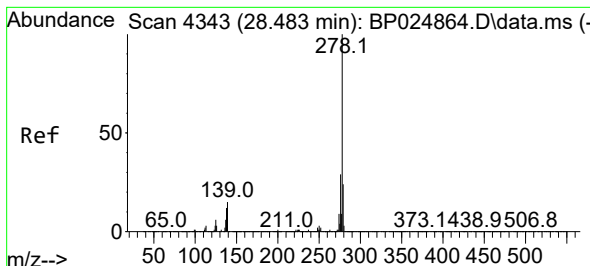
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 49.518 ng

RT: 28.554 min Scan# 41

Delta R.T. 0.071 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WCMS

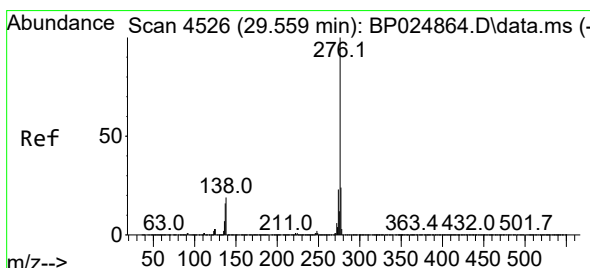
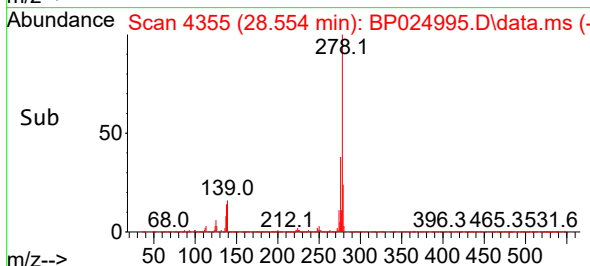
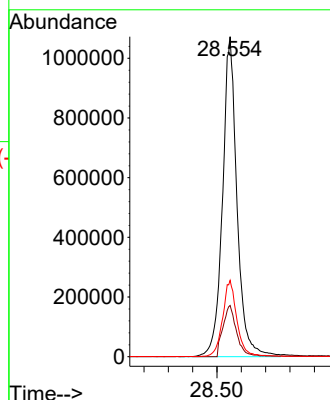
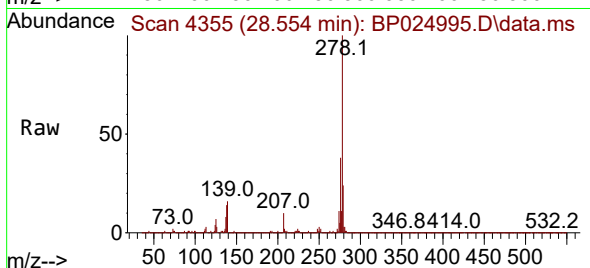
Tgt Ion:278 Resp: 4445031

Ion Ratio Lower Upper

278 100

139 16.0 12.0 18.0

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 49.053 ng

RT: 29.659 min Scan# 4543

Delta R.T. 0.100 min

Lab File: BP024995.D

Acq: 18 Jun 2025 15:26

Tgt Ion:276 Resp: 4368895

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 20.1 15.4 23.2

