

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
 Data File : BP025989.D
 Acq On : 21 Oct 2025 16:57
 Operator : RC/JU
 Sample : Q3369-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-22MSD

Quant Time: Oct 21 17:20:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 15 23:48:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	146182	20.000	ng	0.00
21) Naphthalene-d8	10.460	136	530421	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	309617	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	591802	20.000	ng	0.00
76) Chrysene-d12	21.577	240	656925	20.000	ng	0.00
86) Perylene-d12	24.924	264	779834	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	989602	110.991	ng	0.00
7) Phenol-d6	6.908	99	1141343	91.728	ng	0.00
23) Nitrobenzene-d5	8.843	82	856589	72.587	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	464884	111.532	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	1817923	75.257	ng	-0.01
79) Terphenyl-d14	19.848	244	2711415	65.964	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	146663	41.527	ng	# 66
3) Pyridine	3.667	79	354297	35.949	ng	97
4) n-Nitrosodimethylamine	3.567	42	188849	43.724	ng	93
6) Aniline	7.043	93	213181	12.798	ng	98
8) 2-Chlorophenol	7.278	128	414519	40.116	ng	97
9) Benzaldehyde	6.861	77	173515	26.133	ng	98
10) Phenol	6.937	94	458734	36.515	ng	99
11) bis(2-Chloroethyl)ether	7.131	93	417528	40.760	ng	99
12) 1,3-Dichlorobenzene	7.584	146	473731	41.353	ng	99
13) 1,4-Dichlorobenzene	7.731	146	487980	41.808	ng	99
14) 1,2-Dichlorobenzene	8.043	146	455484	39.891	ng	99
15) Benzyl Alcohol	7.949	79	389341	36.763	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.207	45	631446	40.030	ng	99
17) 2-Methylphenol	8.160	107	328950	36.531	ng	99
18) Hexachloroethane	8.755	117	182964	41.078	ng	98
19) n-Nitroso-di-n-propyla...	8.496	70	322151	36.319	ng	97
20) 3+4-Methylphenols	8.490	107	432886	34.502	ng	93
22) Acetophenone	8.513	105	694369	48.153	ng	# 97
24) Nitrobenzene	8.884	77	473851	45.154	ng	99
25) Isophorone	9.407	82	866720	40.893	ng	98
26) 2-Nitrophenol	9.590	139	222999	43.879	ng	98
27) 2,4-Dimethylphenol	9.666	122	356494	41.395	ng	98
28) bis(2-Chloroethoxy)met...	9.878	93	533974	43.068	ng	97
29) 2,4-Dichlorophenol	10.160	162	370633	43.192	ng	99
30) 1,2,4-Trichlorobenzene	10.325	180	430820	44.346	ng	97
31) Naphthalene	10.507	128	1232485	43.074	ng	99
32) Benzoic acid	9.866	122	172419	27.628	ng	97
33) 4-Chloroaniline	10.660	127	68319	5.622	ng	98
34) Hexachlorobutadiene	10.784	225	290856	45.239	ng	99
35) Caprolactam	11.454	113	98876	32.379	ng	89
36) 4-Chloro-3-methylphenol	11.790	107	396826	39.389	ng	98
37) 2-Methylnaphthalene	12.119	142	771589	41.187	ng	98
38) 1-Methylnaphthalene	12.337	142	798461	40.407	ng	100
40) 1,2,4,5-Tetrachloroben...	12.496	216	537143	53.277	ng	99
41) Hexachlorocyclopentadiene	12.460	237	480511	80.803	ng	100
43) 2,4,6-Trichlorophenol	12.754	196	298324	46.618	ng	99

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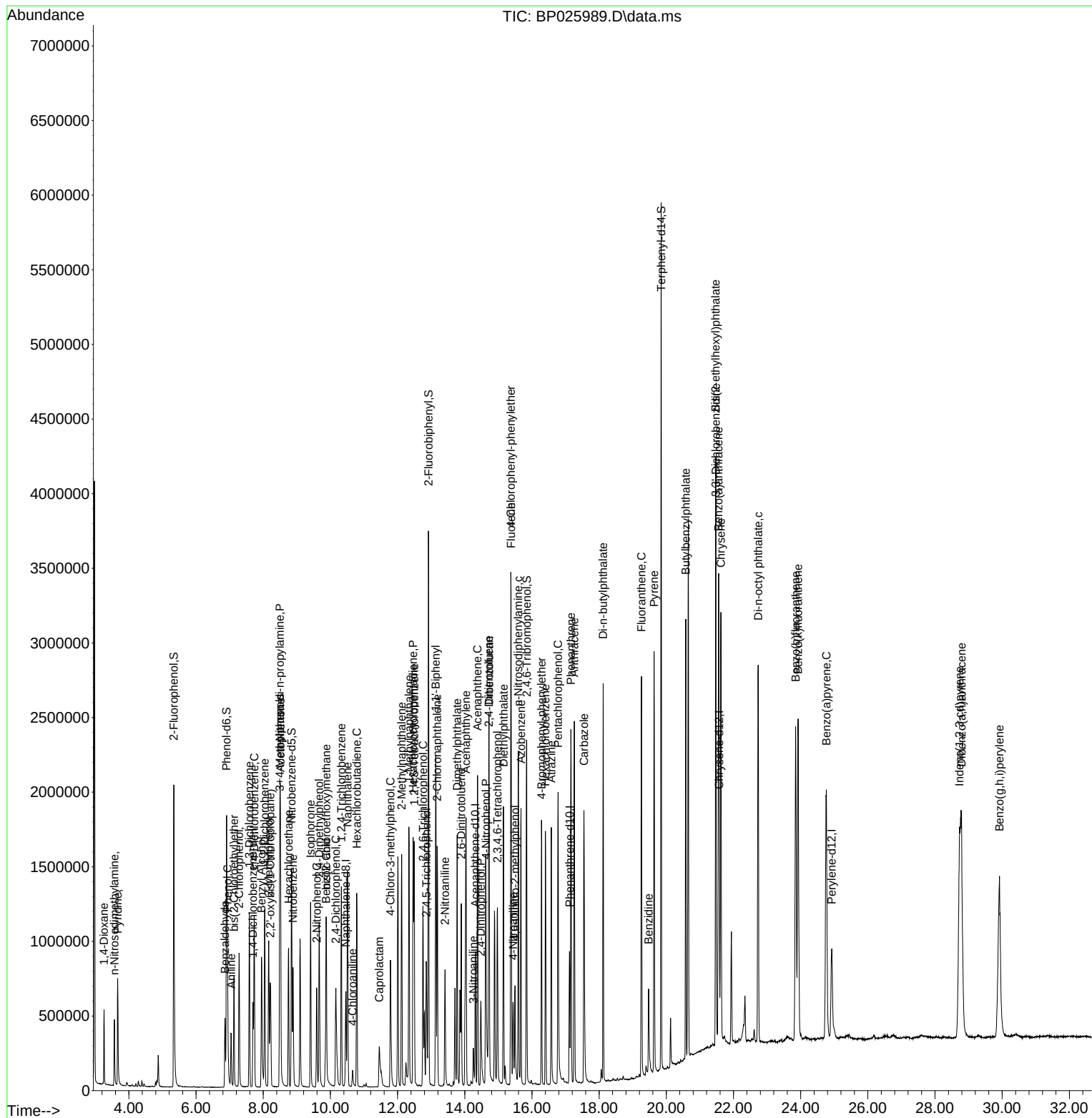
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.854	196	314444	45.124	ng	97
46) 1,1'-Biphenyl	13.137	154	1199150	51.272	ng	99
47) 2-Chloronaphthalene	13.178	162	855218	46.766	ng	100
48) 2-Nitroaniline	13.413	65	264291	46.371	ng	100
49) Acenaphthylene	14.037	152	1355174	45.832	ng	100
50) Dimethylphthalate	13.772	163	1039587	44.422	ng	99
51) 2,6-Dinitrotoluene	13.895	165	225142	44.557	ng	96
52) Acenaphthene	14.378	154	762062	44.632	ng	100
53) 3-Nitroaniline	14.254	138	76758	15.252	ng	97
54) 2,4-Dinitrophenol	14.478	184	179887	54.264	ng	95
55) Dibenzofuran	14.725	168	1223113	44.737	ng	97
56) 4-Nitrophenol	14.631	139	233857	76.622	ng	89
57) 2,4-Dinitrotoluene	14.713	165	313456	45.783	ng	95
58) Fluorene	15.378	166	988904	45.014	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.972	232	277147	44.323	ng	100
60) Diethylphthalate	15.154	149	1054102	45.683	ng	99
61) 4-Chlorophenyl-phenyle...	15.372	204	507868	43.963	ng	99
62) 4-Nitroaniline	15.442	138	193437	41.480	ng	98
63) Azobenzene	15.672	77	979824	45.558	ng	99
65) 4,6-Dinitro-2-methylph...	15.495	198	170597	39.885	ng	96
66) n-Nitrosodiphenylamine	15.595	169	861396	45.241	ng	99
67) 4-Bromophenyl-phenylether	16.289	248	325252	44.528	ng	98
68) Hexachlorobenzene	16.401	284	360036	43.937	ng	96
69) Atrazine	16.578	200	334511	48.699	ng	99
70) Pentachlorophenol	16.778	266	437502	98.894	ng	97
71) Phenanthrene	17.160	178	1537320	45.833	ng	100
72) Anthracene	17.260	178	1572976	45.910	ng	99
73) Carbazole	17.548	167	1455949	48.205	ng	100
74) Di-n-butylphthalate	18.119	149	1884969	50.712	ng	99
75) Fluoranthene	19.260	202	1875170	49.562	ng	99
77) Benzidine	19.472	184	447484	21.259	ng	98
78) Pyrene	19.636	202	1965009	40.556	ng	100
80) Butylbenzylphthalate	20.577	149	895413	46.440	ng	99
81) Benzo(a)anthracene	21.554	228	2098499	46.706	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	358633	22.430	ng	98
83) Chrysene	21.624	228	1984605	46.197	ng	99
84) Bis(2-ethylhexyl)phtha...	21.471	149	1356956	50.978	ng	99
85) Di-n-octyl phthalate	22.736	149	2473836	54.429	ng	99
87) Indeno(1,2,3-cd)pyrene	28.730	276	2814901	47.918	ng	100
88) Benzo(b)fluoranthene	23.848	252	2178623	44.857	ng	99
89) Benzo(k)fluoranthene	23.924	252	2236003	45.364	ng	99
90) Benzo(a)pyrene	24.765	252	2160450	45.782	ng	99
91) Dibenzo(a,h)anthracene	28.789	278	2285619	47.729	ng	98
92) Benzo(g,h,i)perylene	29.918	276	2291593	48.841	ng	99

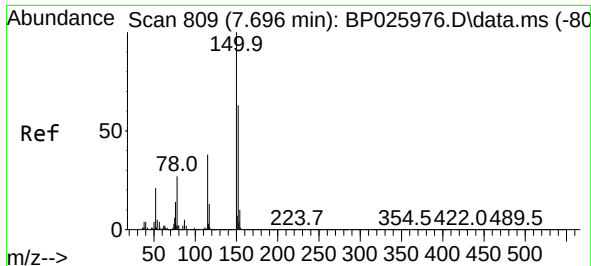
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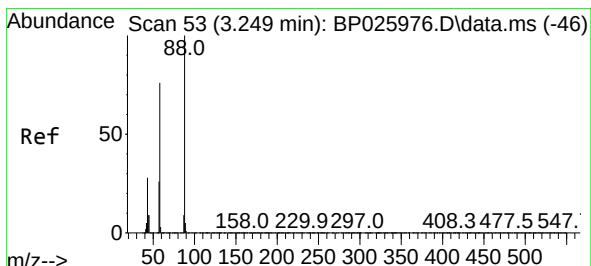
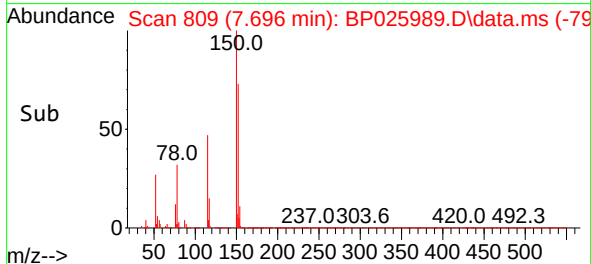
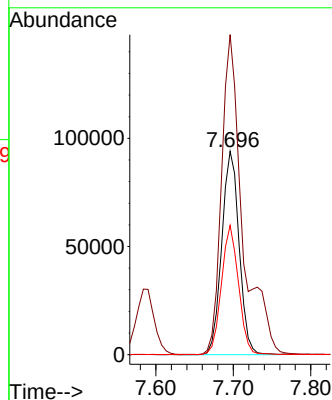
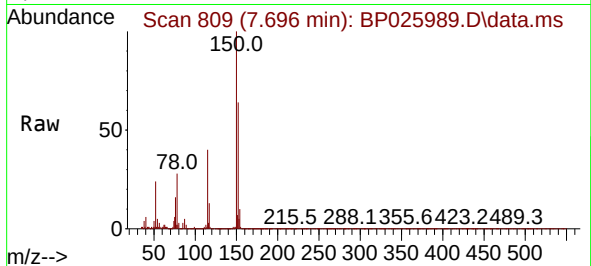




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.696 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP025989.D
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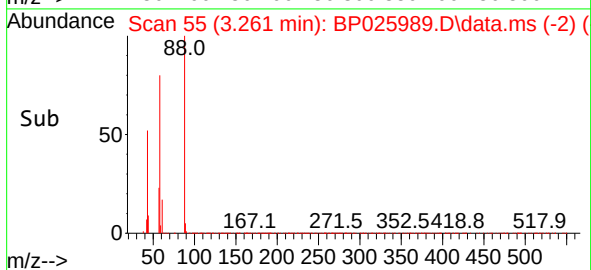
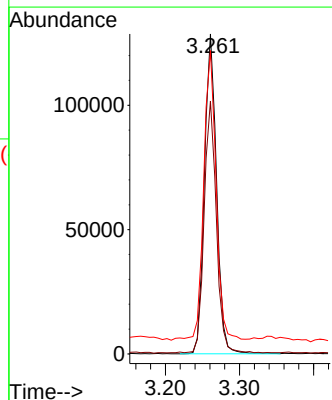
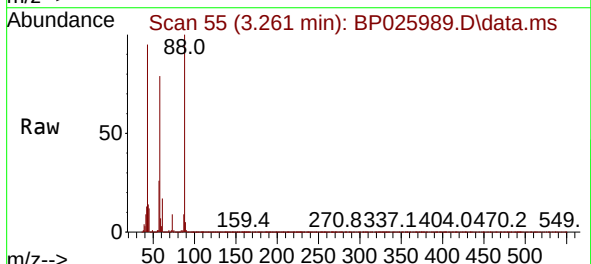
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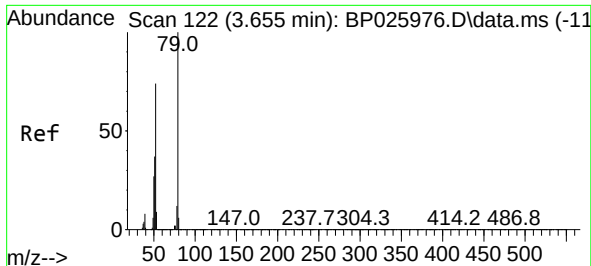
Tgt Ion:152 Resp: 146182
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.3 190.9
 115 63.6 48.7 73.1



#2
 1,4-Dioxane
 Concen: 41.527 ng
 RT: 3.261 min Scan# 55
 Delta R.T. 0.012 min
 Lab File: BP025989.D
 Acq: 21 Oct 2025 16:57

Tgt Ion: 88 Resp: 146663
 Ion Ratio Lower Upper
 88 100
 58 79.0 61.9 92.9
 43 92.7 22.6 33.8

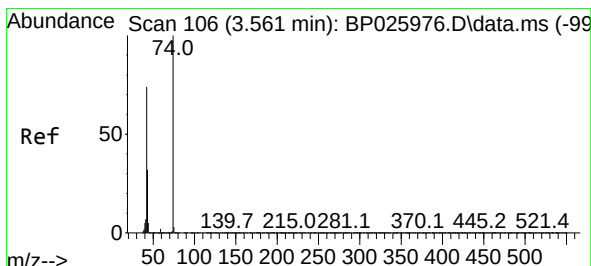
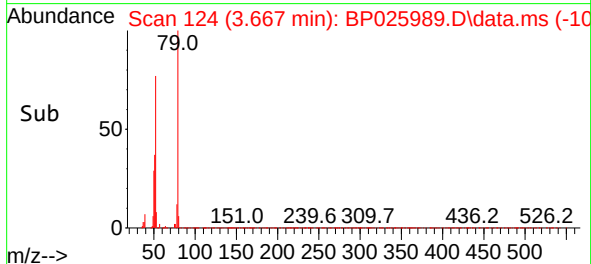
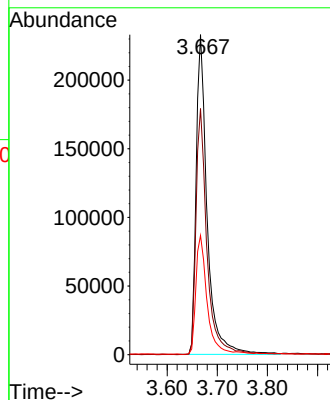
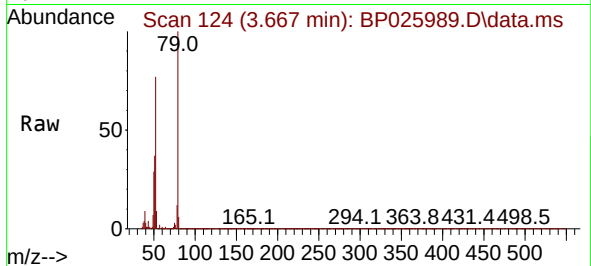




#3
Pyridine
Concen: 35.949 ng
RT: 3.667 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

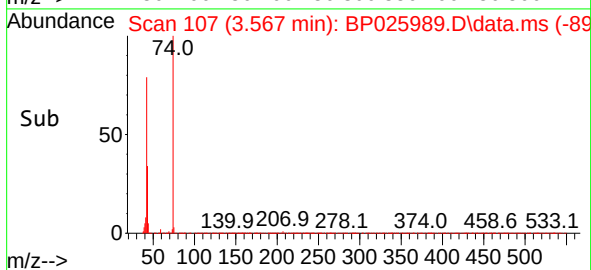
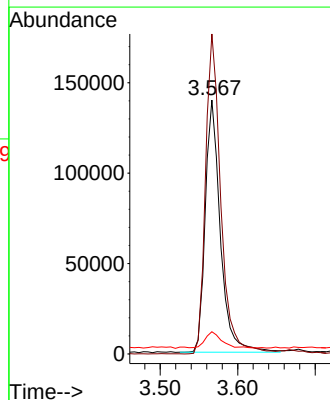
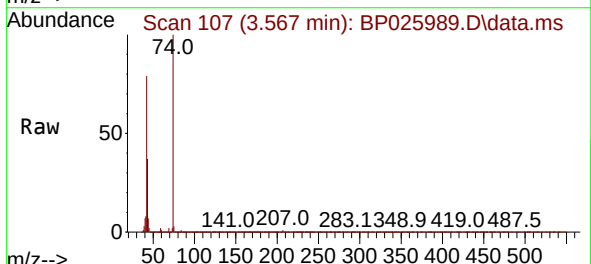
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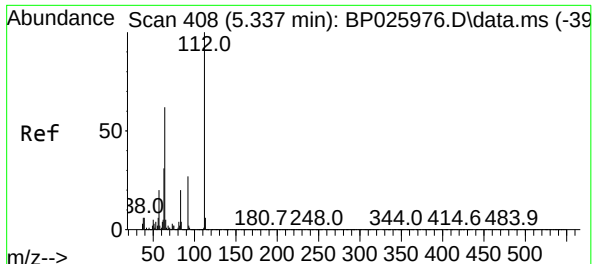
Tgt Ion: 79 Resp: 354297
Ion Ratio Lower Upper
79 100
52 76.9 59.0 88.4
51 37.3 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 43.724 ng
RT: 3.567 min Scan# 107
Delta R.T. 0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion: 42 Resp: 188849
Ion Ratio Lower Upper
42 100
74 126.0 107.4 161.0
44 8.8 6.0 9.0

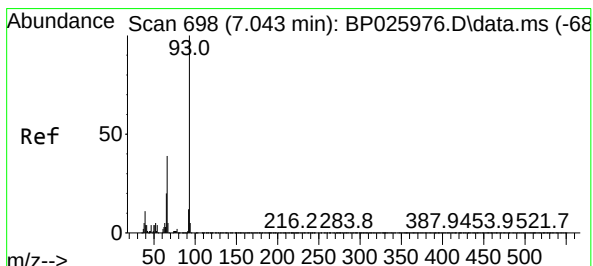
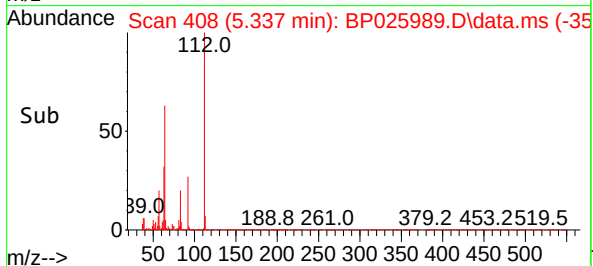
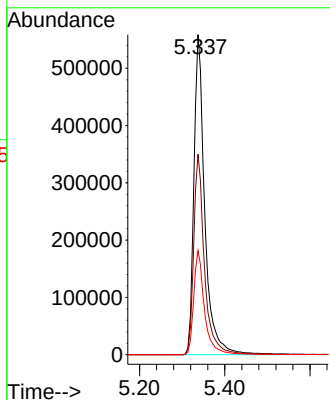
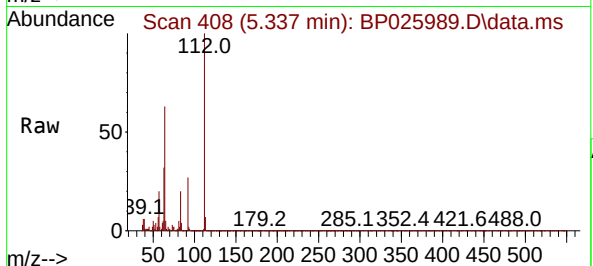




#5
2-Fluorophenol
Concen: 110.991 ng
RT: 5.337 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

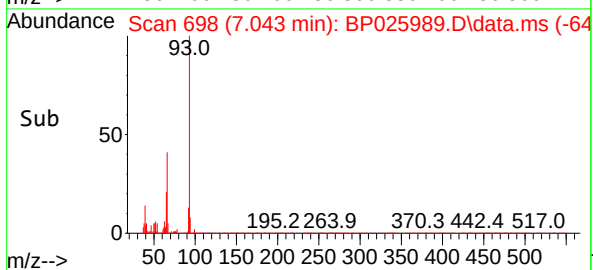
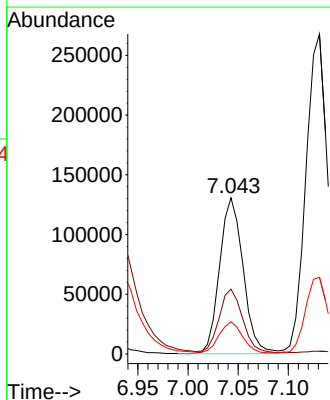
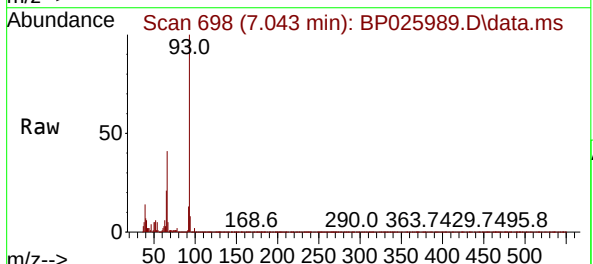
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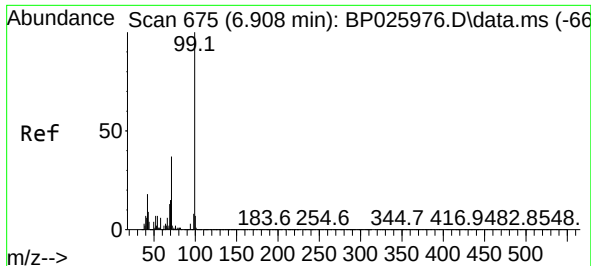
Tgt Ion:112 Resp: 989602
Ion Ratio Lower Upper
112 100
64 62.7 49.9 74.9
63 32.5 24.9 37.3



#6
Aniline
Concen: 12.798 ng
RT: 7.043 min Scan# 698
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion: 93 Resp: 213181
Ion Ratio Lower Upper
93 100
66 41.5 31.8 47.8
65 20.6 16.3 24.5

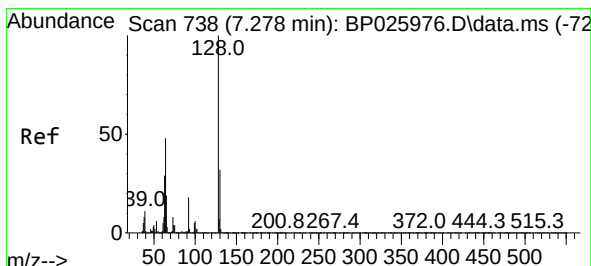
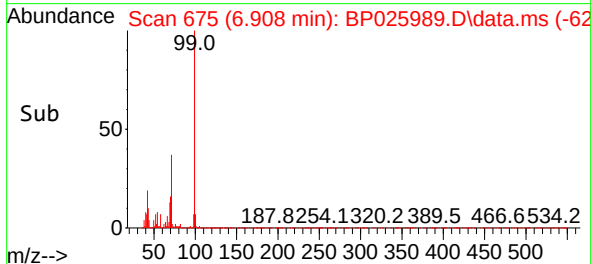
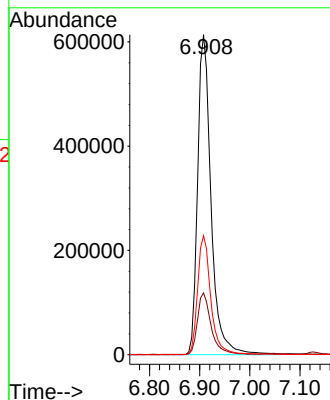
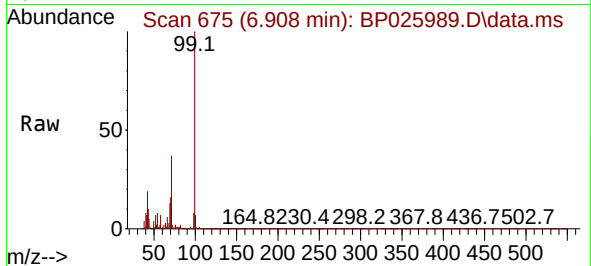




#7
Phenol-d6
Concen: 91.728 ng
RT: 6.908 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

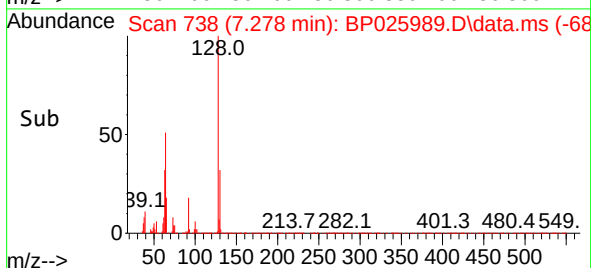
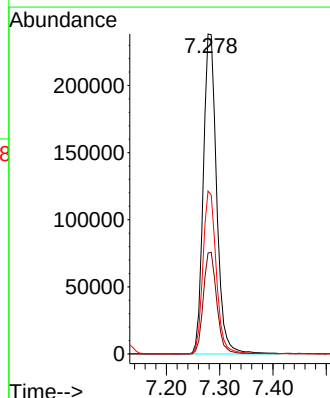
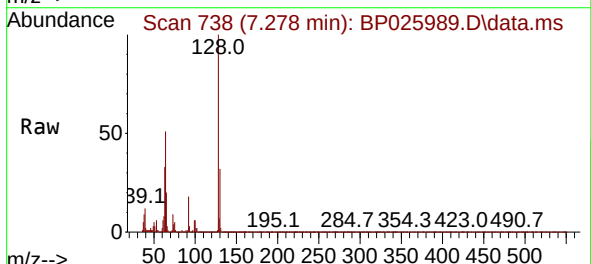
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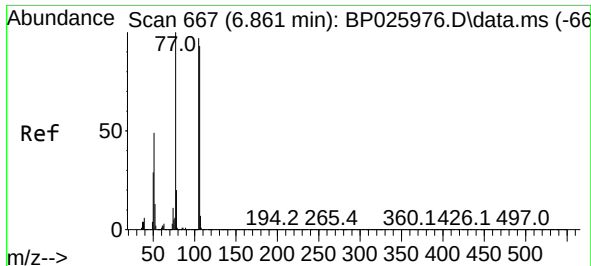
Tgt Ion: 99 Resp: 1141343
Ion Ratio Lower Upper
99 100
42 19.3 14.2 21.4
71 37.2 29.4 44.0



#8
2-Chlorophenol
Concen: 40.116 ng
RT: 7.278 min Scan# 738
Delta R.T. -0.000 min
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Tgt Ion: 128 Resp: 414519
Ion Ratio Lower Upper
128 100
130 31.5 11.8 51.8
64 50.9 28.0 68.0

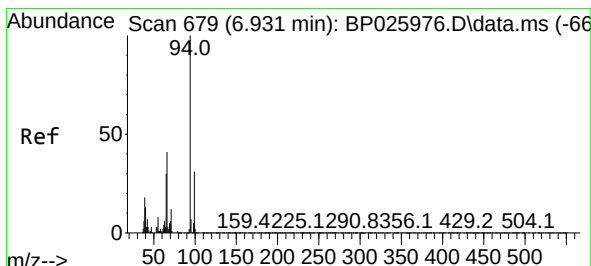
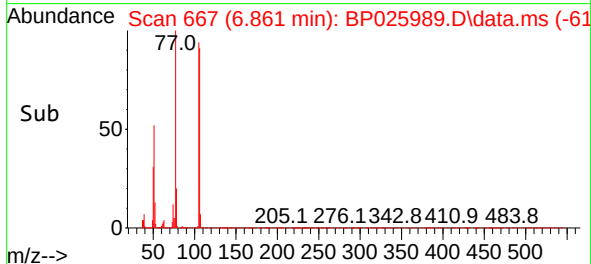
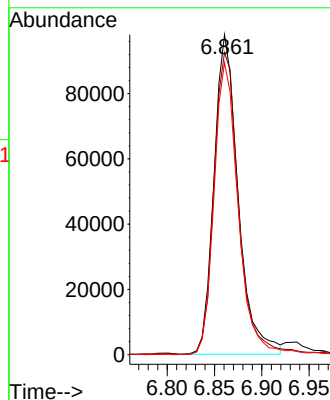
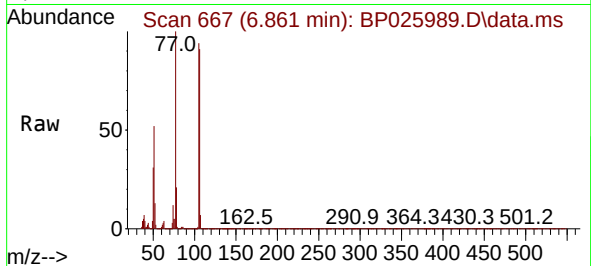




#9
Benzaldehyde
Concen: 26.133 ng
RT: 6.861 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

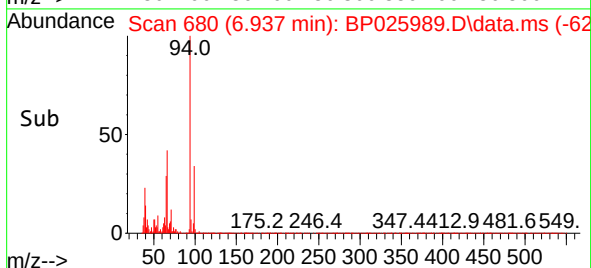
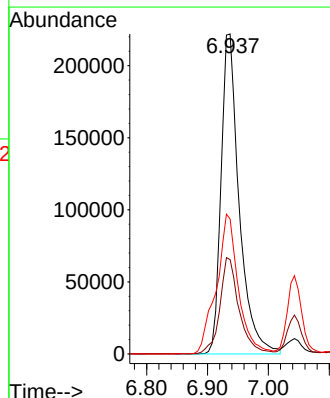
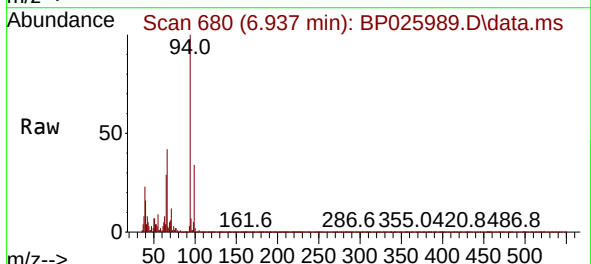
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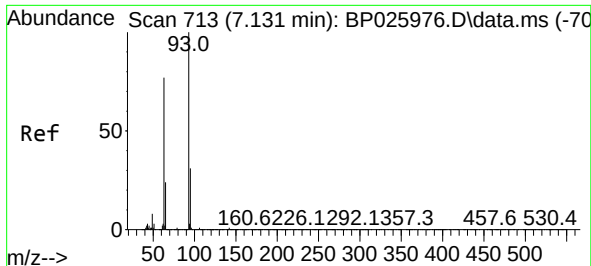
Tgt Ion: 77 Resp: 173515
Ion Ratio Lower Upper
77 100
105 94.4 76.6 116.6
106 91.2 73.2 113.2



#10
Phenol
Concen: 36.515 ng
RT: 6.937 min Scan# 680
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 458734
Ion Ratio Lower Upper
94 100
65 29.5 9.8 49.8
66 42.1 21.4 61.4

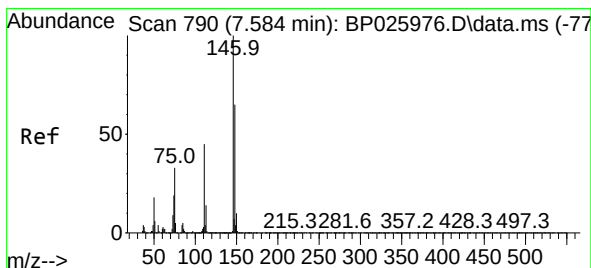
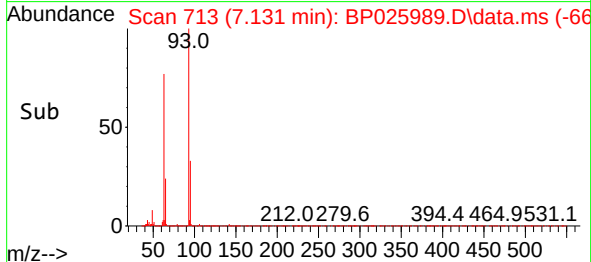
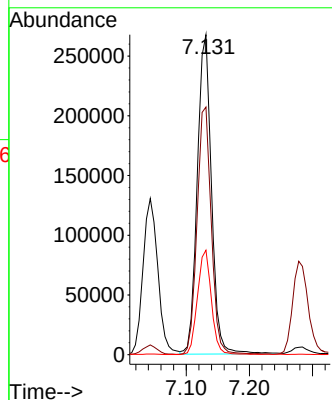
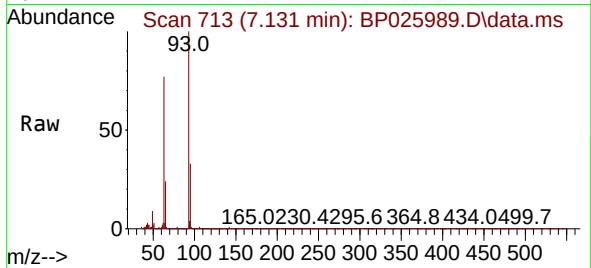




#11
bis(2-Chloroethyl)ether
Concen: 40.760 ng
RT: 7.131 min Scan# 713
Delta R.T. -0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

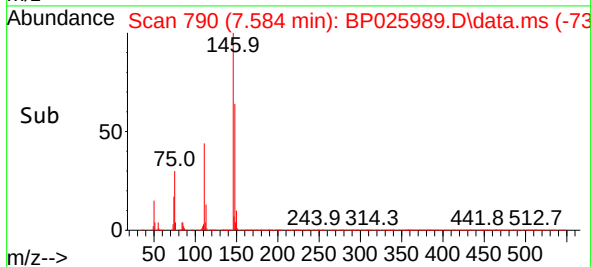
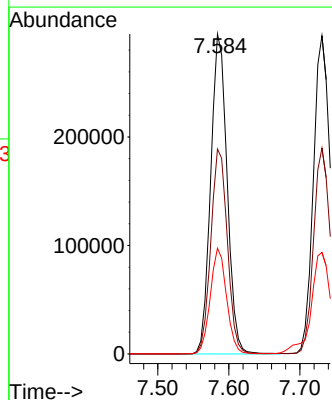
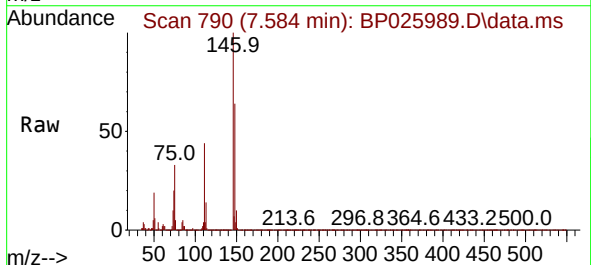
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

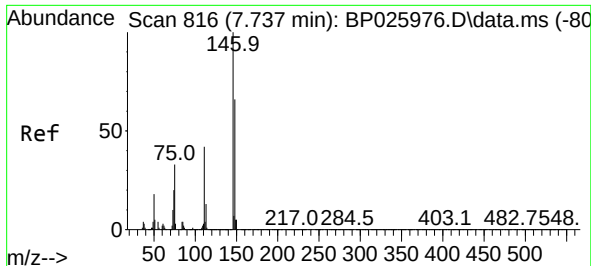
Tgt Ion: 93 Resp: 417528
Ion Ratio Lower Upper
93 100
63 77.4 56.6 96.6
95 32.7 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 41.353 ng
RT: 7.584 min Scan# 790
Delta R.T. -0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:146 Resp: 473731
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
75 33.0 26.1 39.1

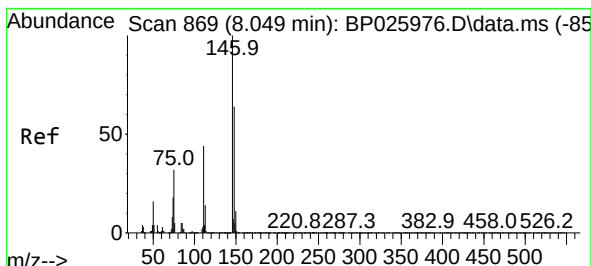
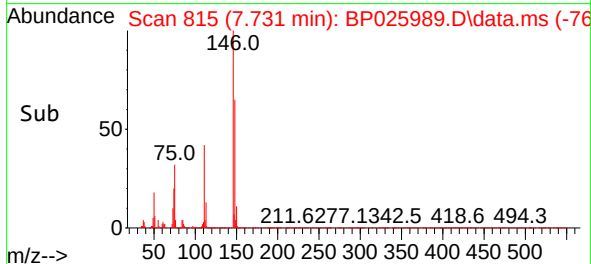
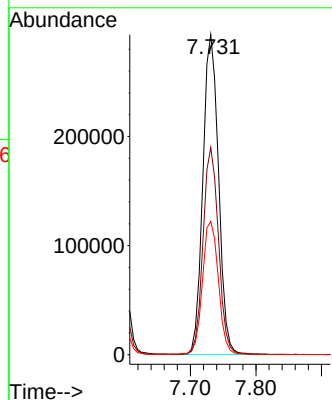
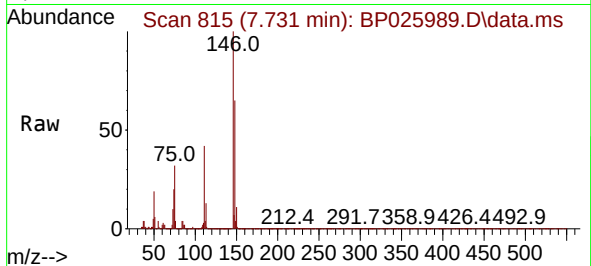




#13
1,4-Dichlorobenzene
Concen: 41.808 ng
RT: 7.731 min Scan# 816
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

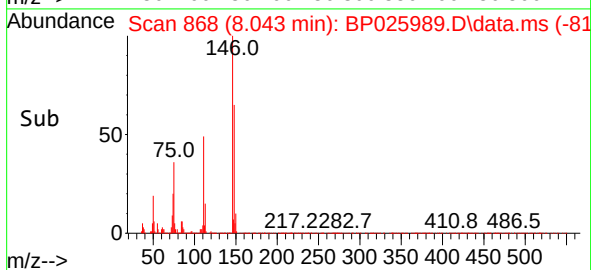
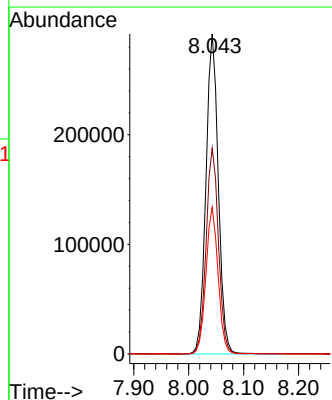
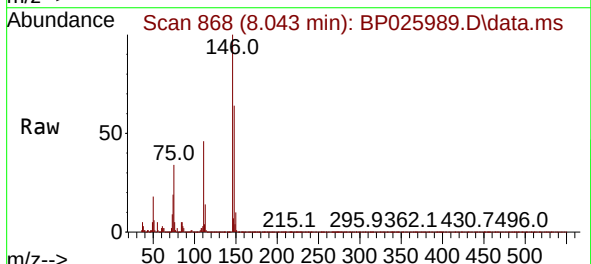
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

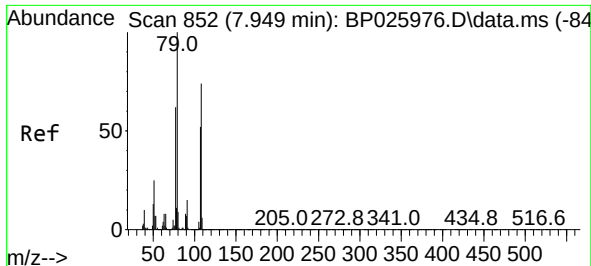
Tgt Ion:146 Resp: 487980
Ion Ratio Lower Upper
146 100
148 64.7 52.7 79.1
111 41.6 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 39.891 ng
RT: 8.043 min Scan# 868
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:146 Resp: 455484
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 45.8 35.3 52.9

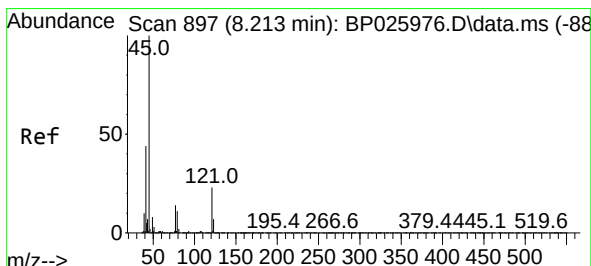
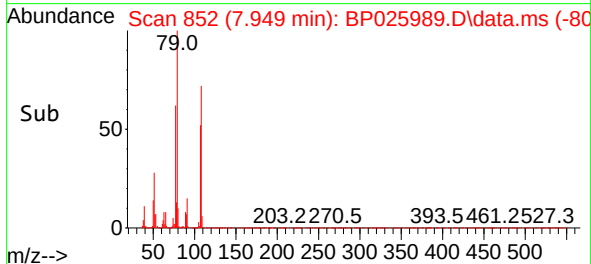
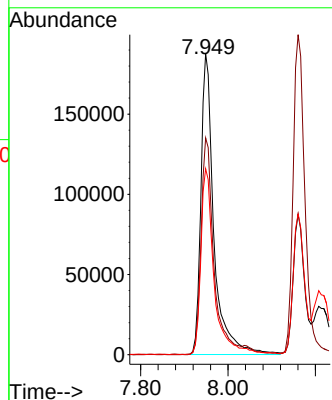
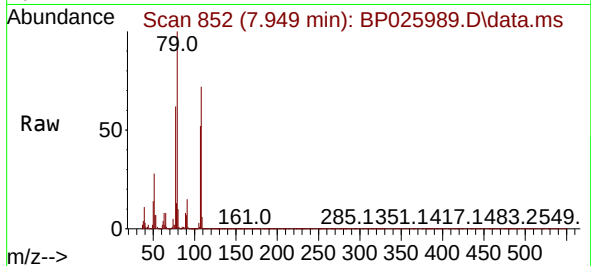




#15
Benzyl Alcohol
Concen: 36.763 ng
RT: 7.949 min Scan# 852
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

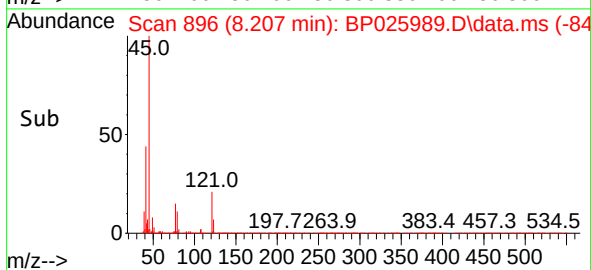
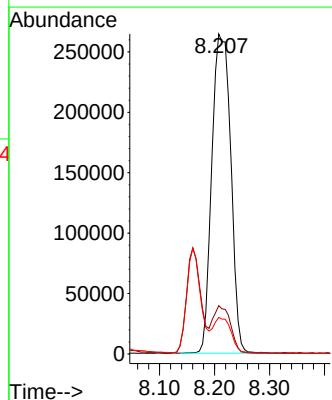
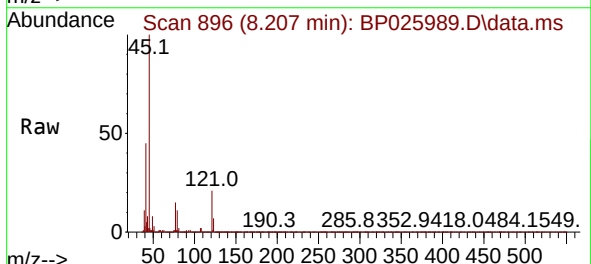
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

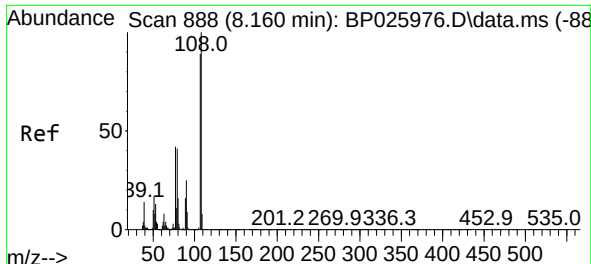
Tgt Ion: 79 Resp: 389341
Ion Ratio Lower Upper
79 100
108 72.0 59.2 88.8
77 61.7 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.030 ng
RT: 8.207 min Scan# 896
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion: 45 Resp: 631446
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.3
79 11.4 0.0 31.5

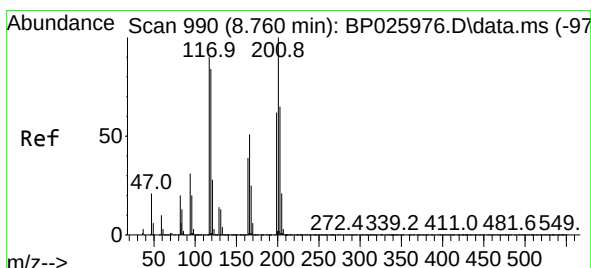
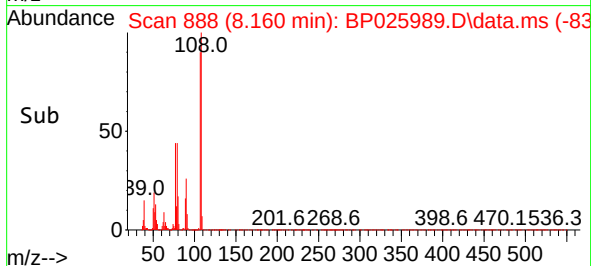
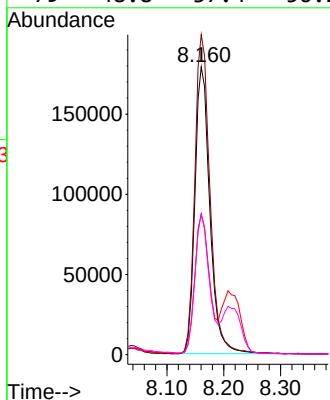
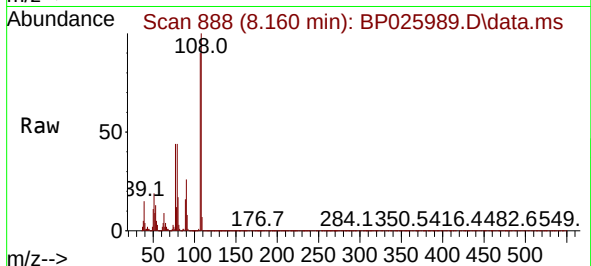




#17
2-Methylphenol
Concen: 36.531 ng
RT: 8.160 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

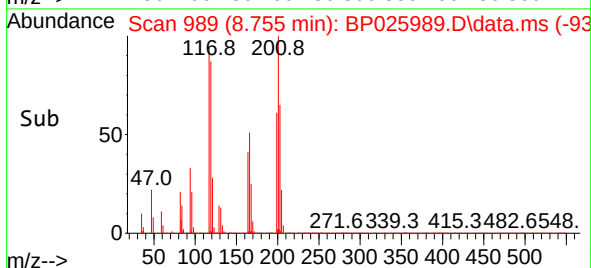
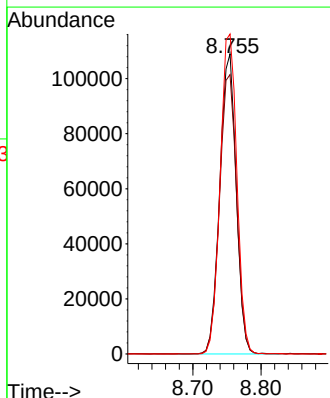
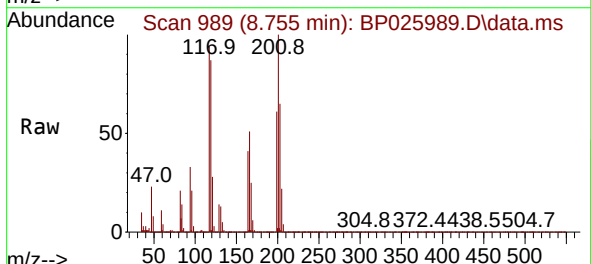
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

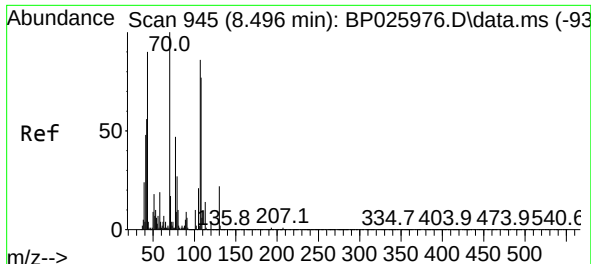
Tgt Ion:	107	Resp:	328950
Ion	Ratio	Lower	Upper
107	100		
108	111.2	89.5	134.3
77	48.9	38.1	57.1
79	48.8	37.4	56.2



#18
Hexachloroethane
Concen: 41.078 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:	117	Resp:	182964
Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.6	112.0
201	106.6	88.6	133.0

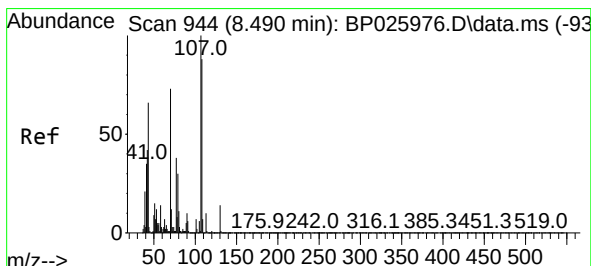
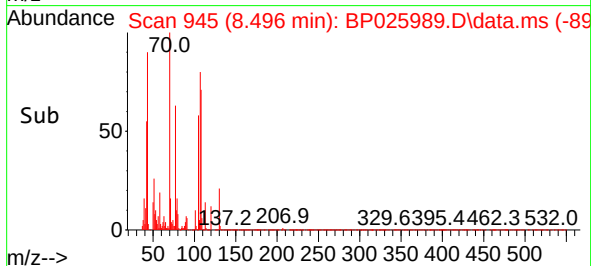
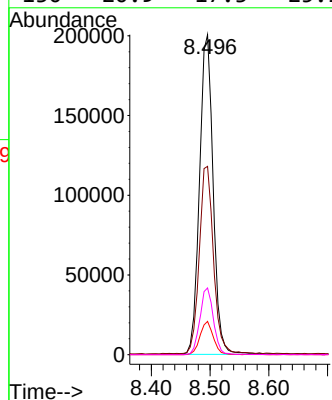
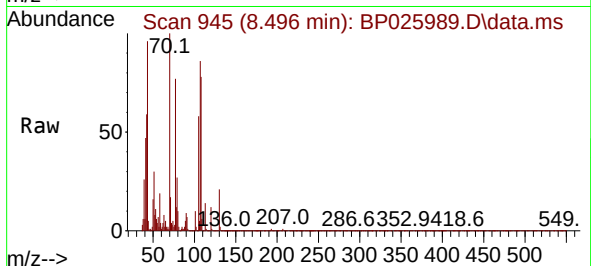




#19
n-Nitroso-di-n-propylamine
Concen: 36.319 ng
RT: 8.496 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

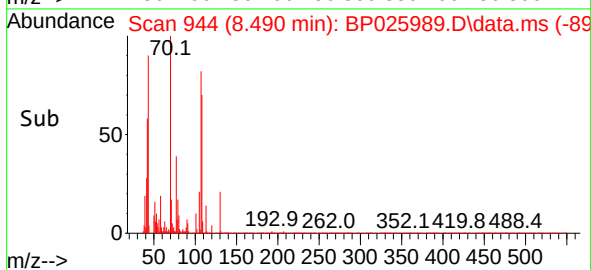
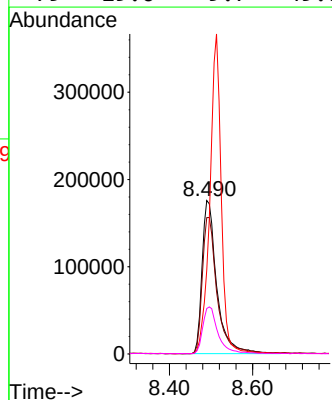
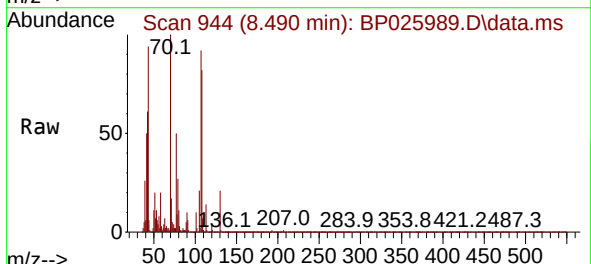
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

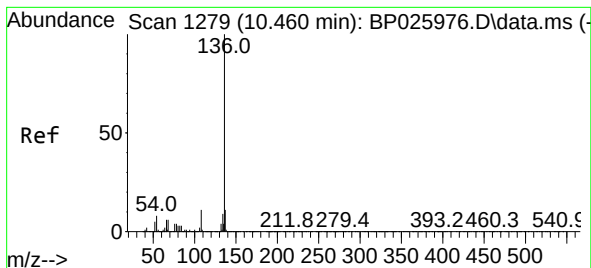
Tgt Ion:	70	Resp:	322151
Ion	Ratio	Lower	Upper
70	100		
42	58.9	45.2	67.8
101	10.4	7.9	11.9
130	20.9	17.3	25.9



#20
3+4-Methylphenols
Concen: 34.502 ng
RT: 8.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:	107	Resp:	432886
Ion	Ratio	Lower	Upper
107	100		
108	88.8	67.8	107.8
77	54.6	18.5	58.5
79	29.6	9.7	49.7

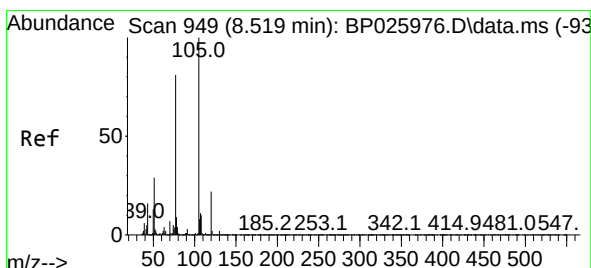
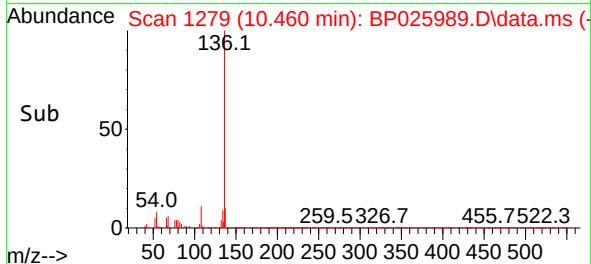
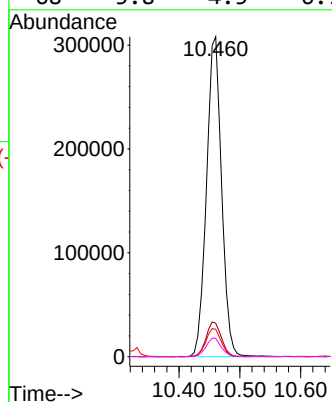
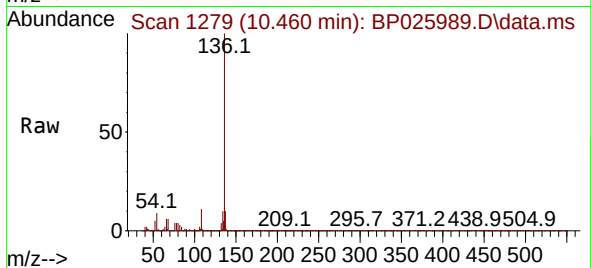




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.460 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

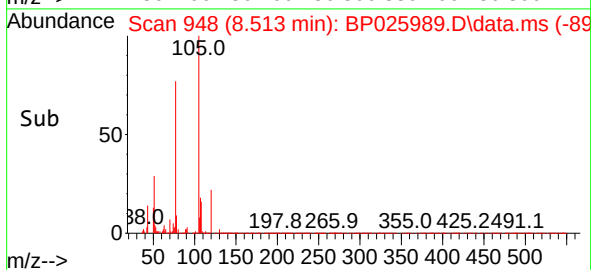
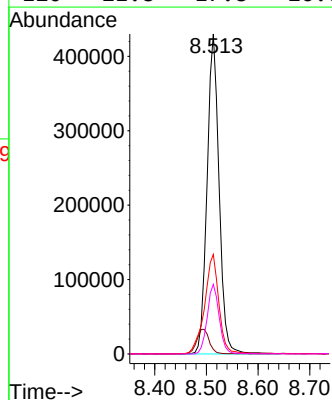
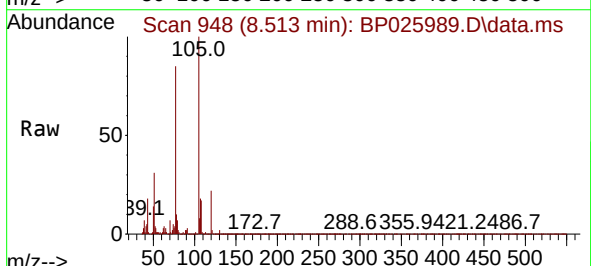
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

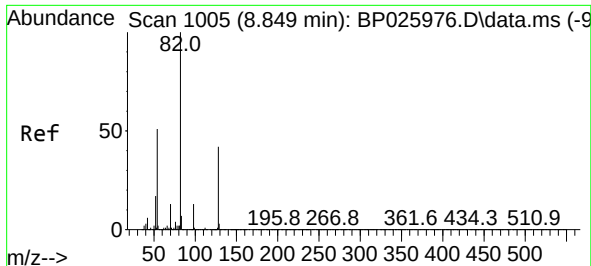
Tgt Ion:	136	Resp:	530421
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	8.5	6.8	10.2
68	5.8	4.5	6.7



#22
Acetophenone
Concen: 48.153 ng
RT: 8.513 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:	105	Resp:	694369
Ion	Ratio	Lower	Upper
105	100		
71	1.4	0.9	1.3#
51	31.1	23.0	34.4
120	21.8	17.8	26.6

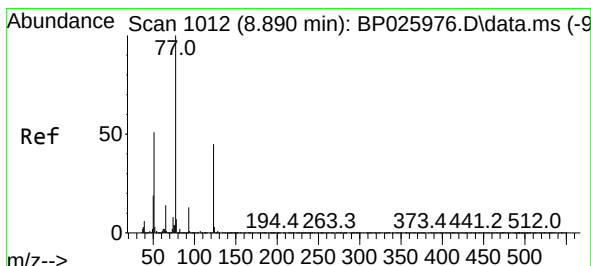
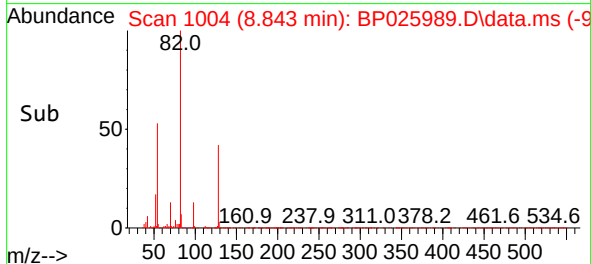
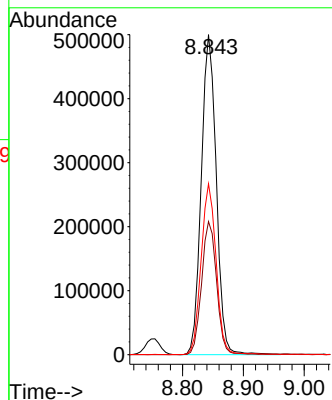
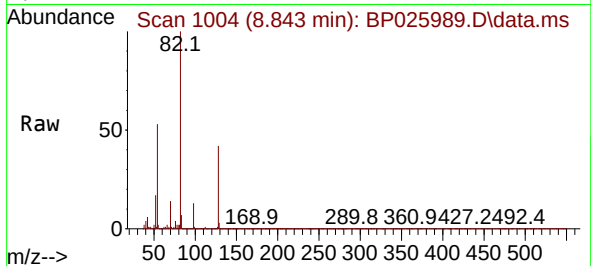




#23
Nitrobenzene-d5
Concen: 72.587 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

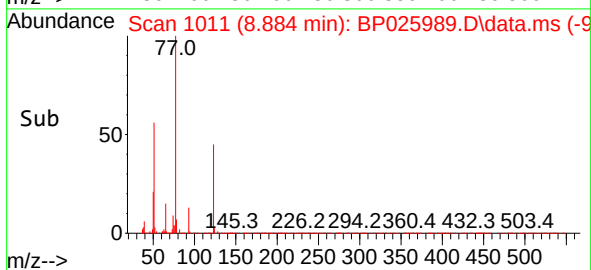
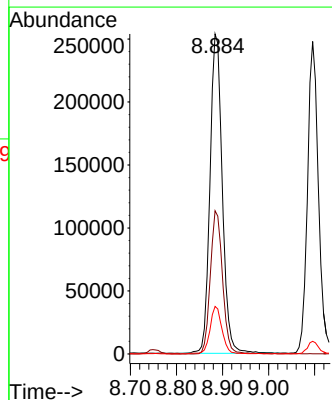
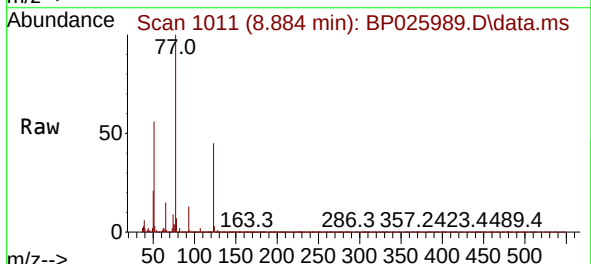
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

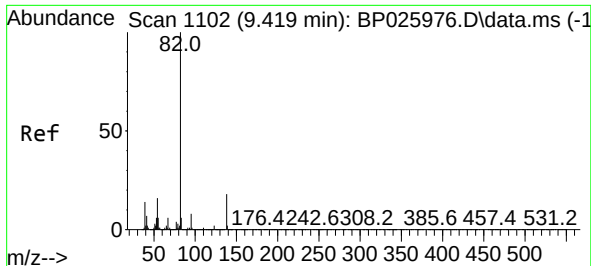
Tgt Ion: 82 Resp: 856589
Ion Ratio Lower Upper
82 100
128 41.6 33.6 50.4
54 53.4 40.6 61.0



#24
Nitrobenzene
Concen: 45.154 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion: 77 Resp: 473851
Ion Ratio Lower Upper
77 100
123 44.8 35.6 53.4
65 14.9 11.1 16.7

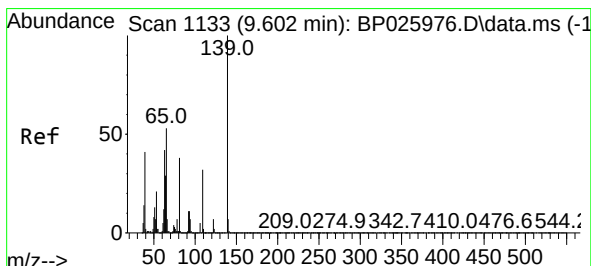
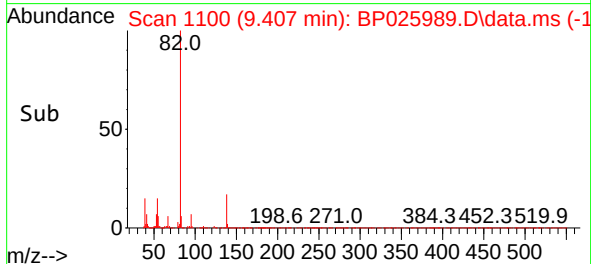
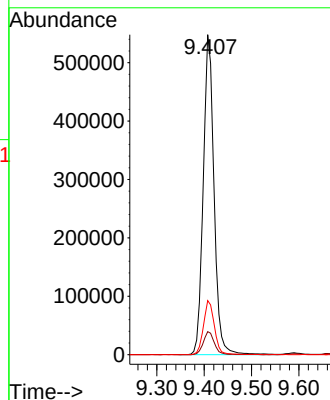
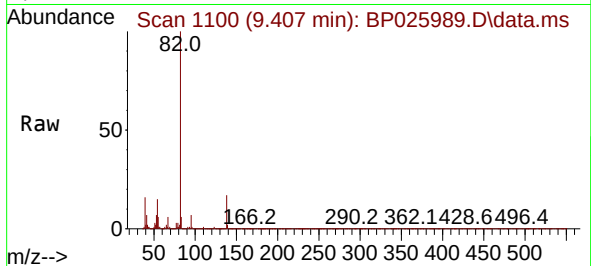




#25
Isophorone
Concen: 40.893 ng
RT: 9.407 min Scan# 1100
Delta R.T. -0.012 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

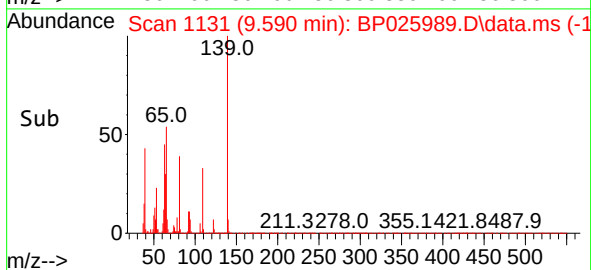
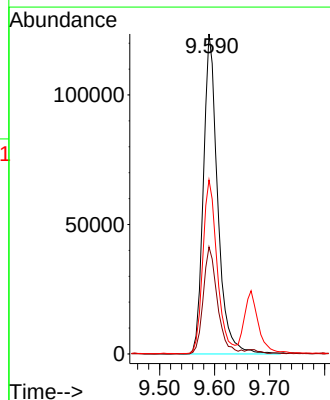
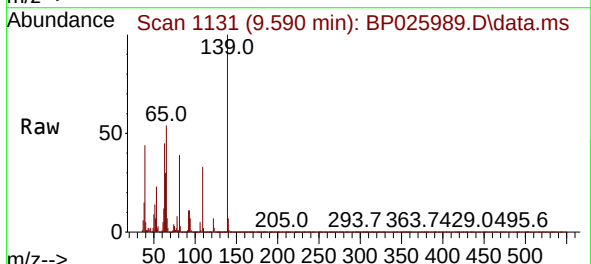
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

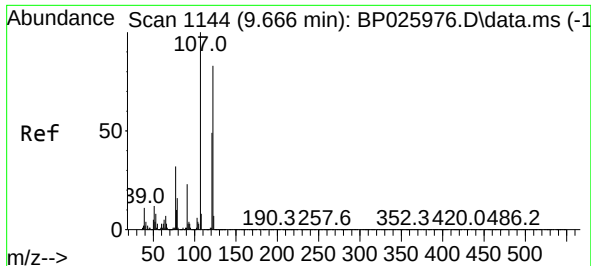
Tgt Ion: 82 Resp: 866720
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 16.9 14.2 21.2



#26
2-Nitrophenol
Concen: 43.879 ng
RT: 9.590 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion: 139 Resp: 222999
Ion Ratio Lower Upper
139 100
109 33.5 25.9 38.9
65 54.4 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 41.395 ng

RT: 9.666 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

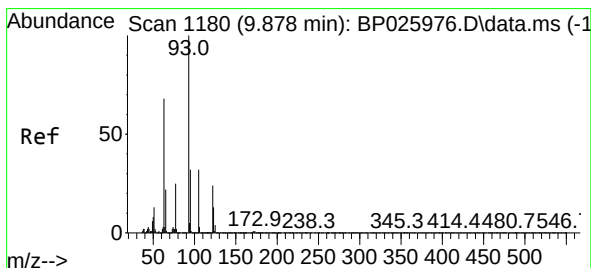
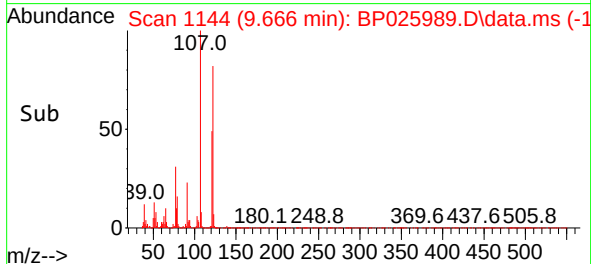
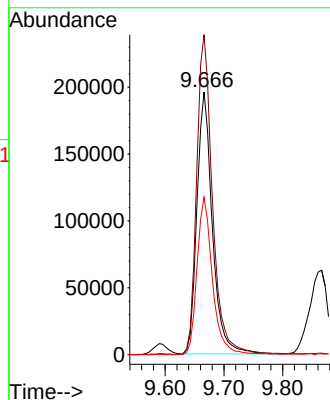
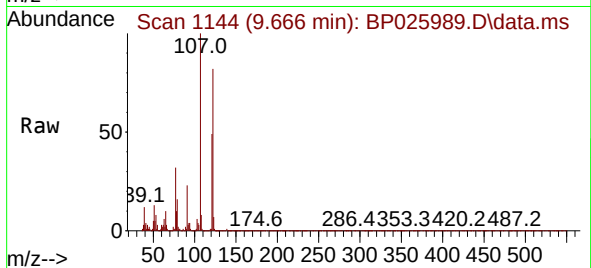
Tgt Ion:122 Resp: 356494

Ion Ratio Lower Upper

122 100

107 121.8 95.9 143.9

121 59.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.068 ng

RT: 9.878 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

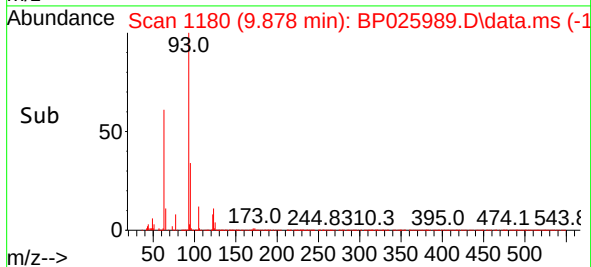
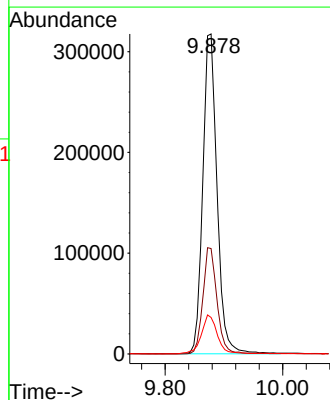
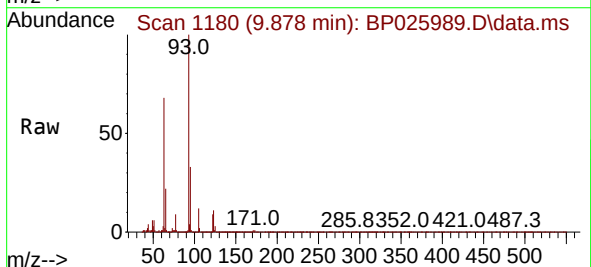
Tgt Ion: 93 Resp: 533974

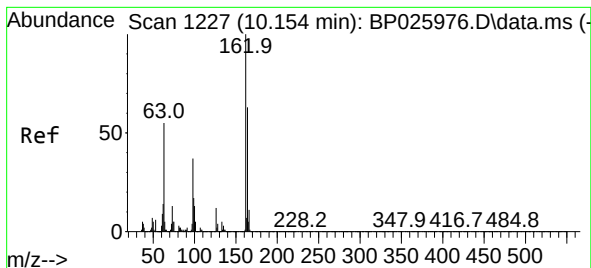
Ion Ratio Lower Upper

93 100

95 33.0 25.3 37.9

123 11.4 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 43.192 ng

RT: 10.160 min Scan# 1228

Delta R.T. 0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

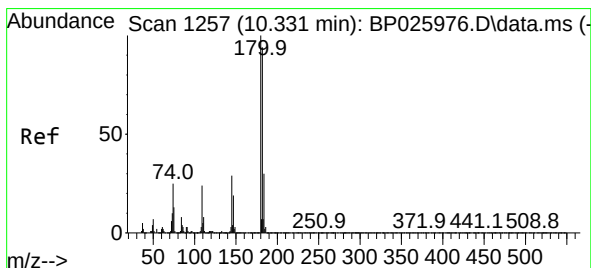
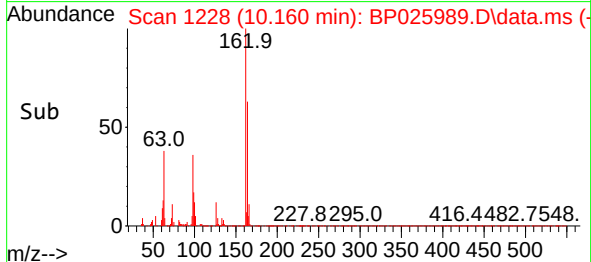
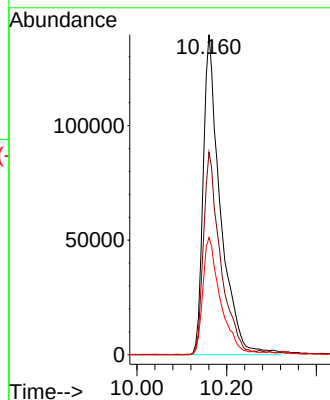
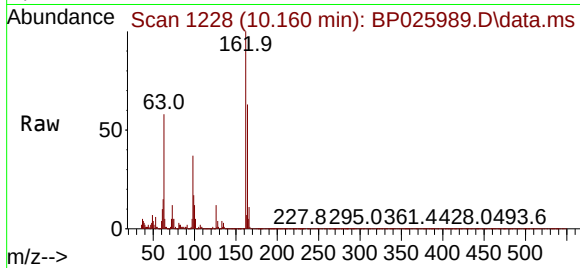
Tgt Ion:162 Resp: 370633

Ion Ratio Lower Upper

162 100

164 63.3 43.4 83.4

98 36.6 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 44.346 ng

RT: 10.325 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

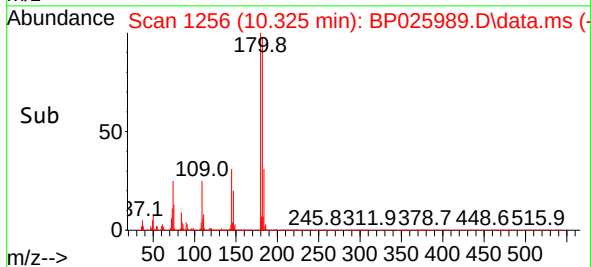
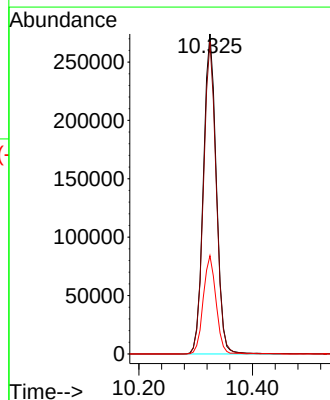
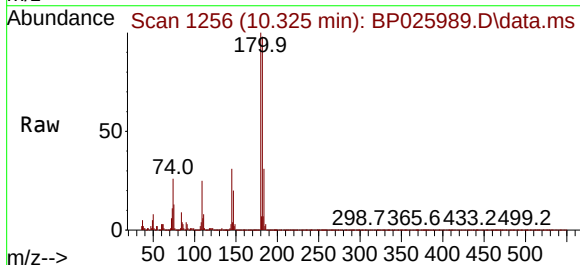
Tgt Ion:180 Resp: 430820

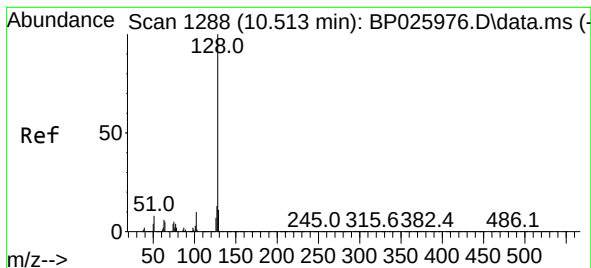
Ion Ratio Lower Upper

180 100

182 97.6 75.3 112.9

145 30.7 23.4 35.2

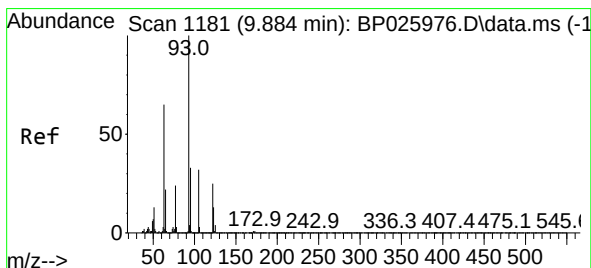
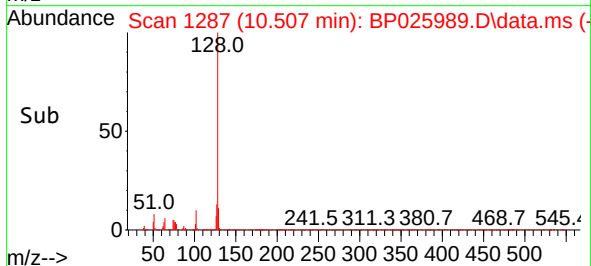
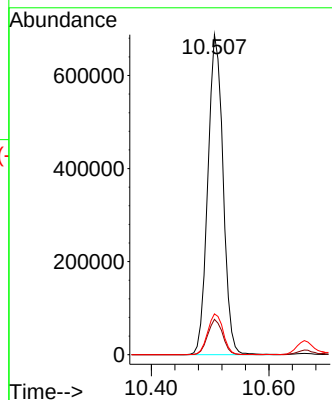
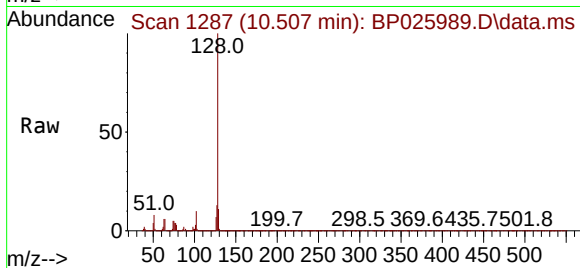




#31
Naphthalene
Concen: 43.074 ng
RT: 10.507 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

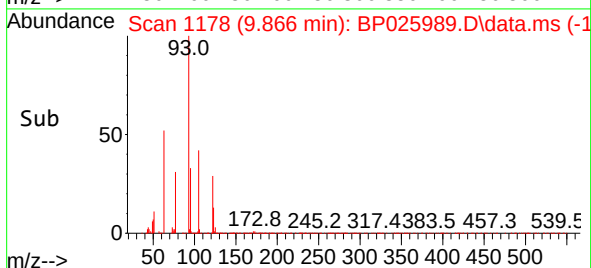
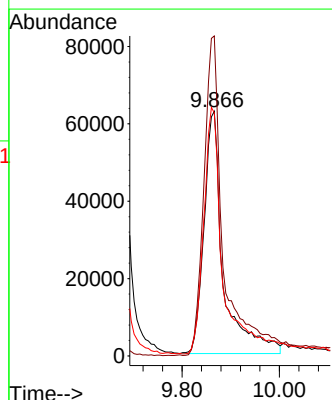
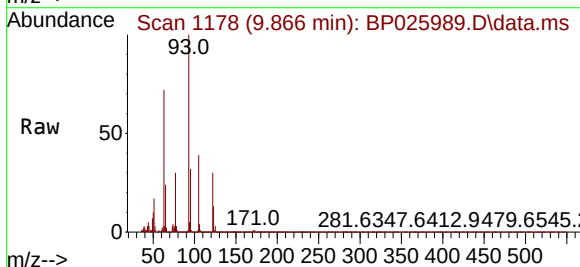
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

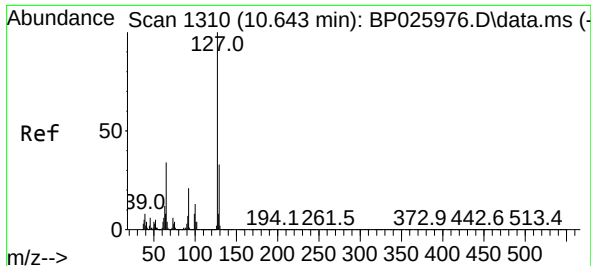
Tgt Ion:128 Resp: 1232485
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.8 10.6 16.0



#32
Benzoic acid
Concen: 27.628 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.018 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:122 Resp: 172419
Ion Ratio Lower Upper
122 100
105 130.8 107.4 147.4
77 99.4 77.0 117.0

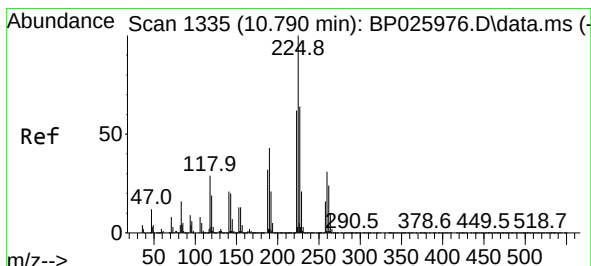
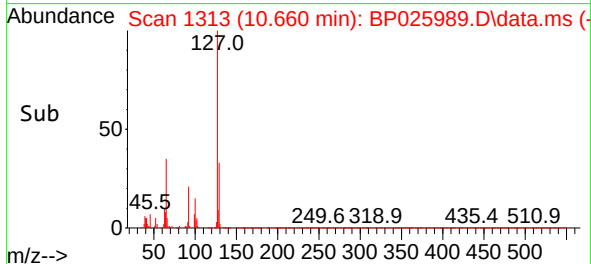
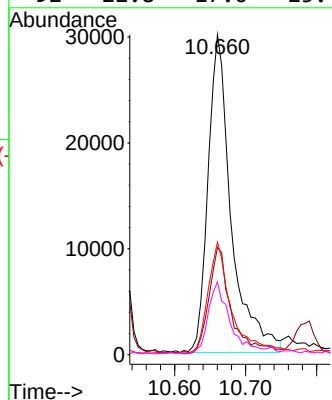
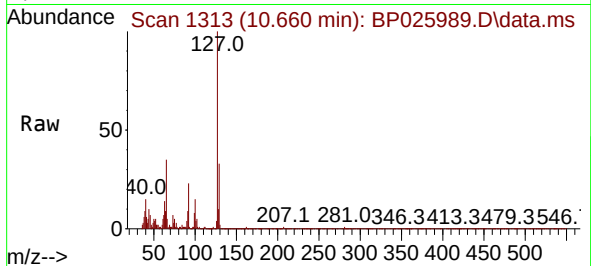




#33
4-Chloroaniline
Concen: 5.622 ng
RT: 10.660 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

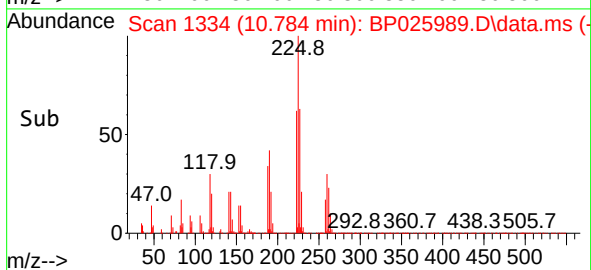
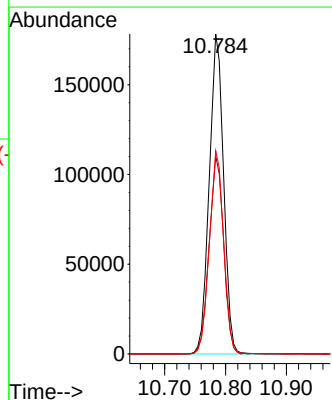
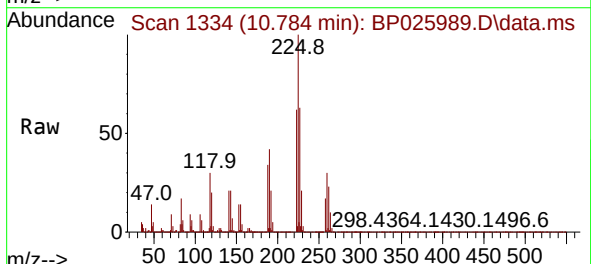
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

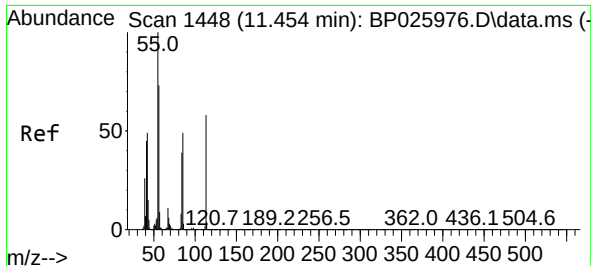
Tgt Ion:	127	Resp:	68319
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.4
65	35.2	27.2	40.8
92	22.8	17.0	25.4



#34
Hexachlorobutadiene
Concen: 45.239 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:	225	Resp:	290856
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.8	74.8
227	63.5	51.4	77.2

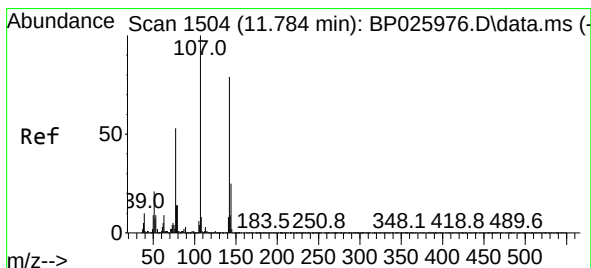
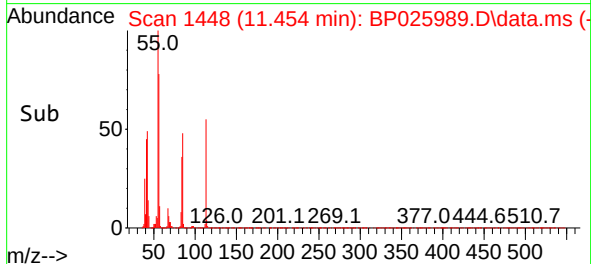
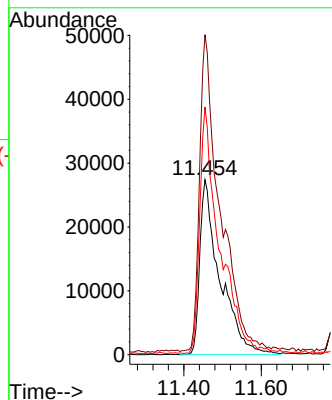
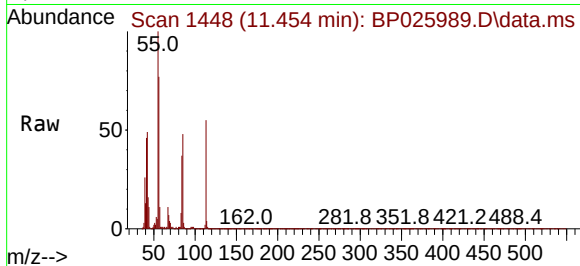




#35
Caprolactam
Concen: 32.379 ng
RT: 11.454 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

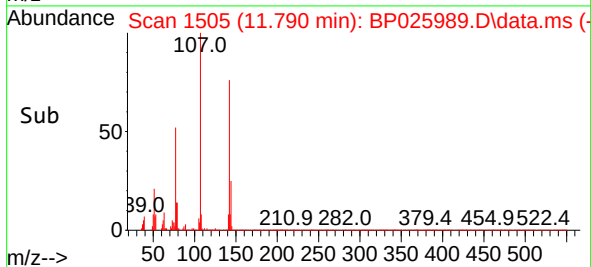
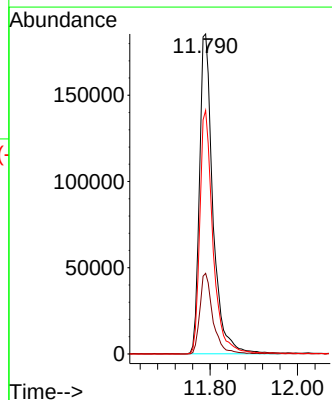
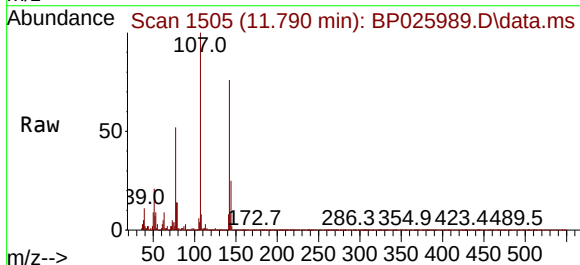
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

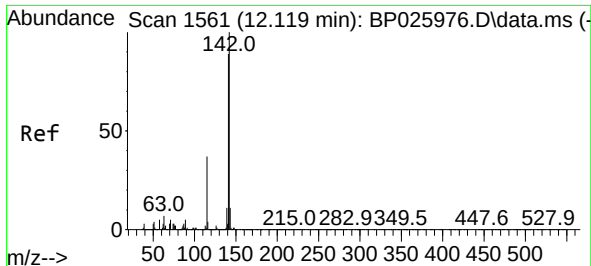
Tgt Ion:113 Resp: 98876
Ion Ratio Lower Upper
113 100
55 183.0 151.8 191.8
56 141.6 104.6 144.6



#36
4-Chloro-3-methylphenol
Concen: 39.389 ng
RT: 11.790 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:107 Resp: 396826
Ion Ratio Lower Upper
107 100
144 25.2 20.3 30.5
142 76.1 63.0 94.4

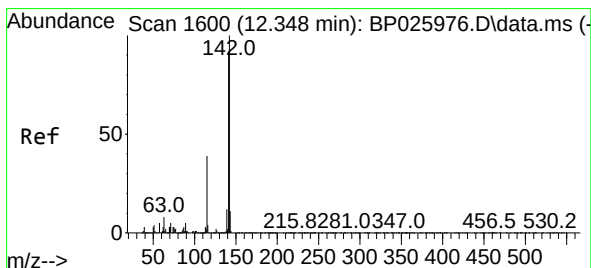
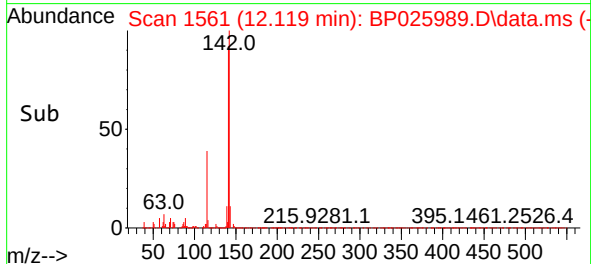
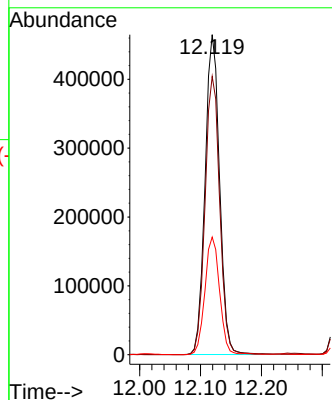
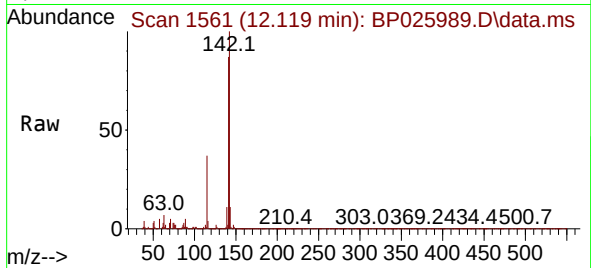




#37
2-Methylnaphthalene
Concen: 41.187 ng
RT: 12.119 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

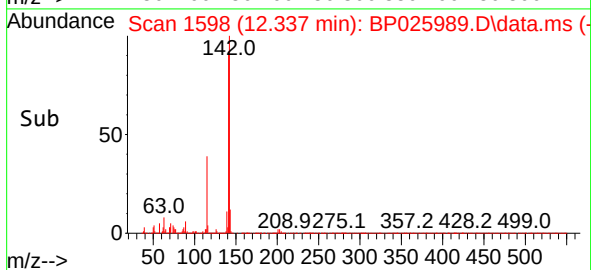
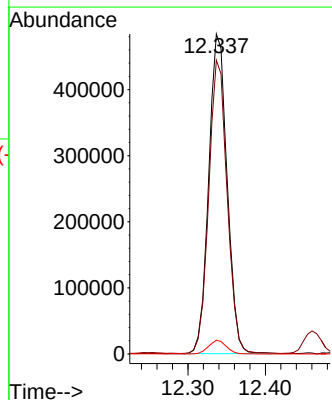
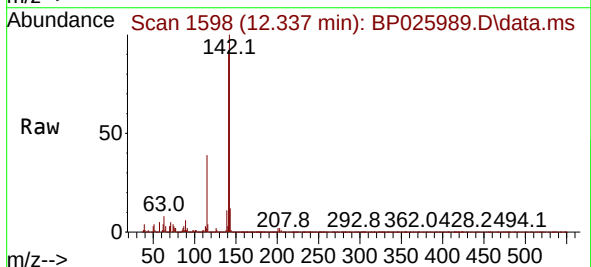
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

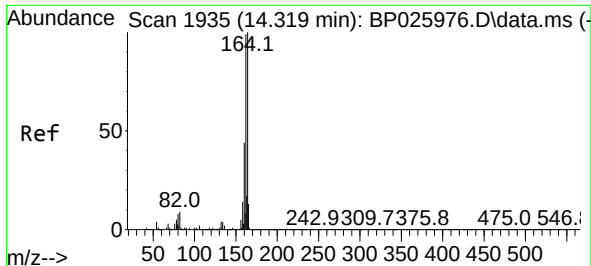
Tgt Ion:142 Resp: 771589
Ion Ratio Lower Upper
142 100
141 86.9 70.9 106.3
115 36.8 29.9 44.9



#38
1-Methylnaphthalene
Concen: 40.407 ng
RT: 12.337 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:142 Resp: 798461
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5
116 4.3 3.2 4.8

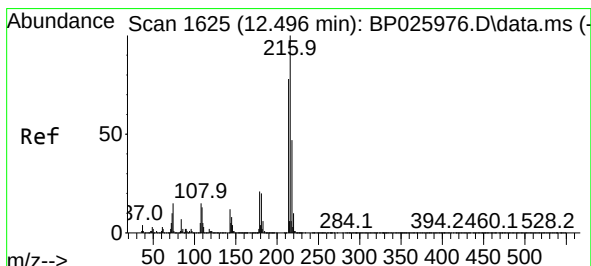
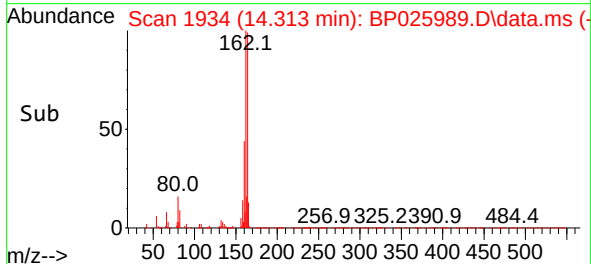
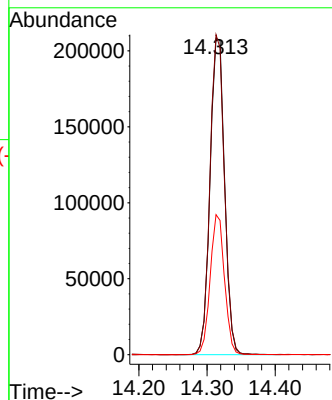
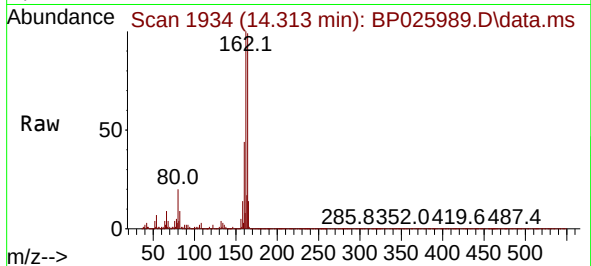




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

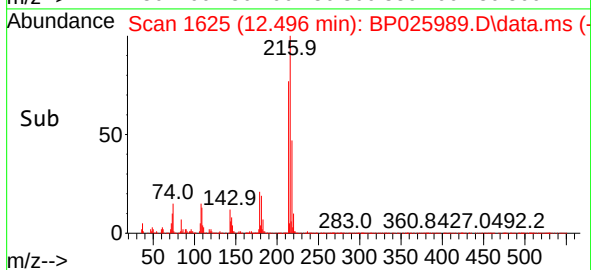
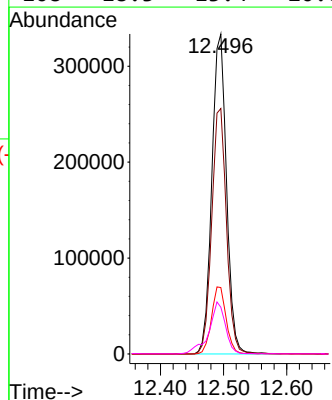
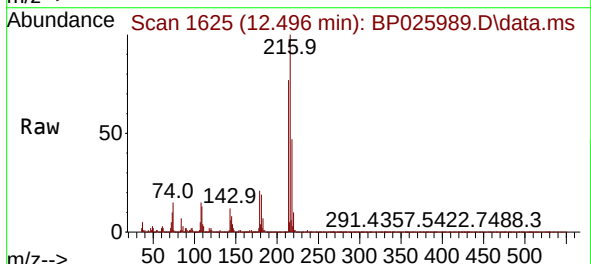
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

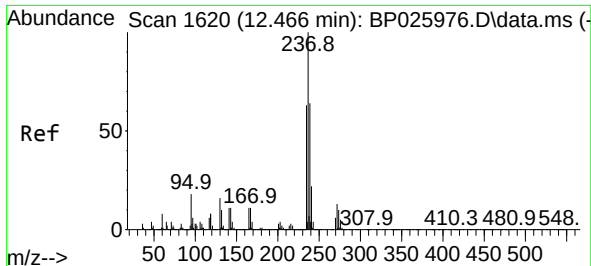
Tgt Ion:164 Resp: 309617
Ion Ratio Lower Upper
164 100
162 101.2 79.3 118.9
160 44.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.277 ng
RT: 12.496 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:216 Resp: 537143
Ion Ratio Lower Upper
216 100
214 77.3 62.6 94.0
179 21.0 16.5 24.7
108 18.3 13.4 20.0

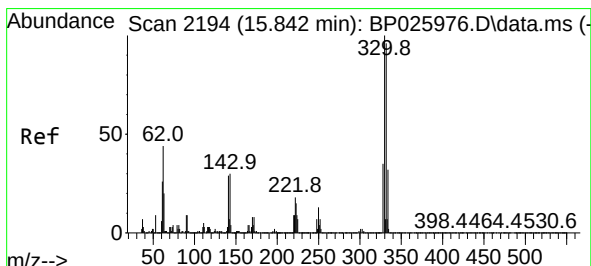
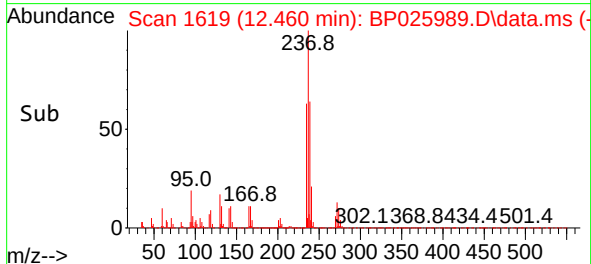
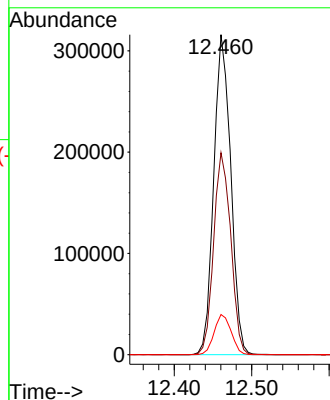
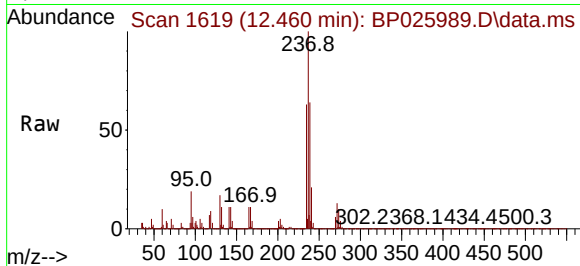




#41
Hexachlorocyclopentadiene
Concen: 80.803 ng
RT: 12.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

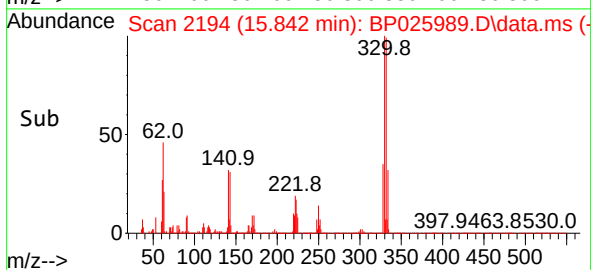
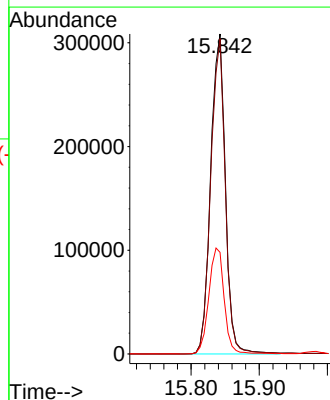
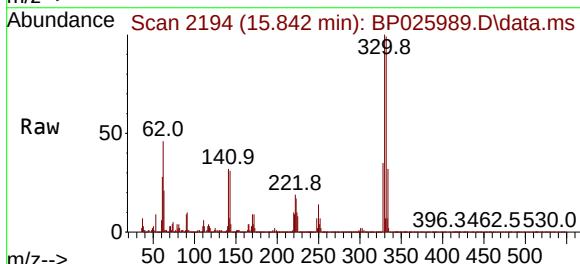
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

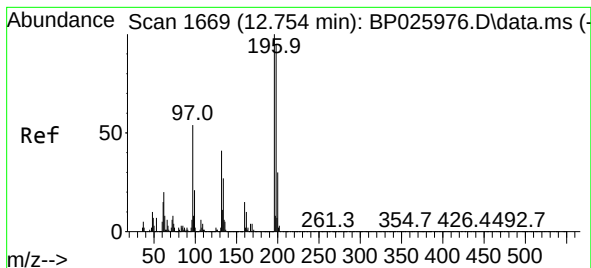
Tgt Ion:237 Resp: 480511
Ion Ratio Lower Upper
237 100
235 63.1 43.1 83.1
272 12.6 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 111.532 ng
RT: 15.842 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:330 Resp: 464884
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 34.6 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 46.618 ng

RT: 12.754 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

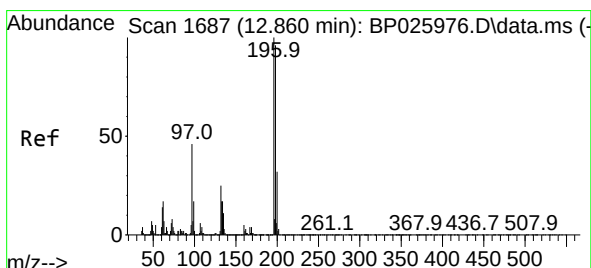
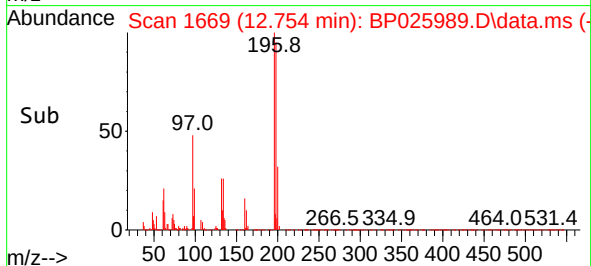
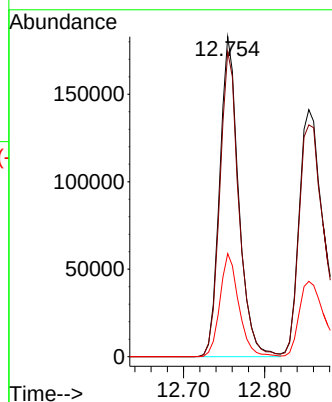
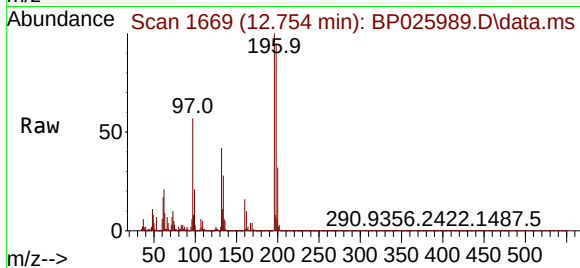
Tgt Ion:196 Resp: 298324

Ion Ratio Lower Upper

196 100

198 95.3 76.3 114.5

200 32.2 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 45.124 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Tgt Ion:196 Resp: 314444

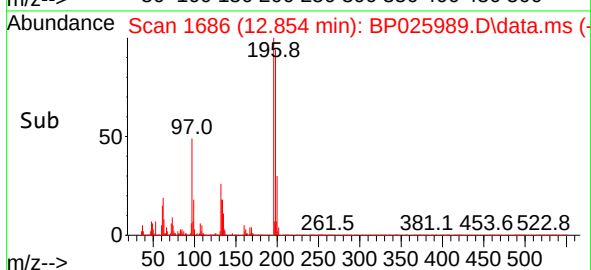
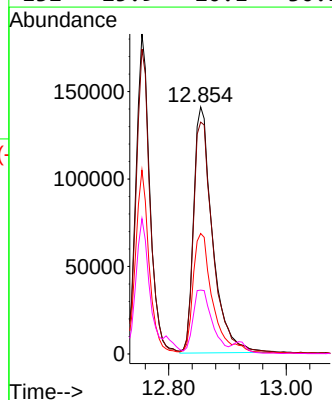
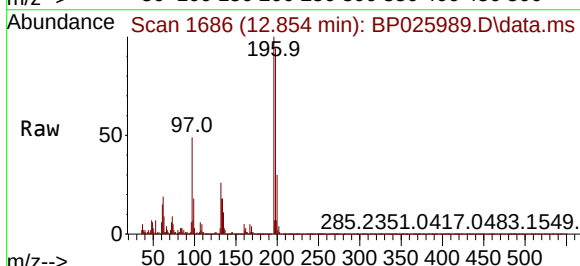
Ion Ratio Lower Upper

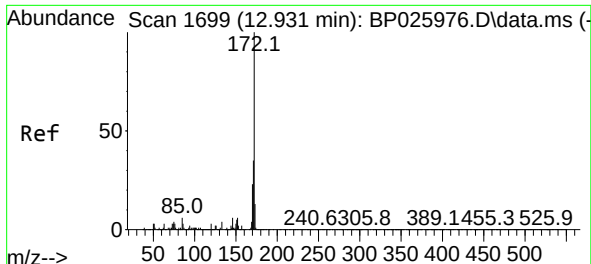
196 100

198 93.8 77.0 115.4

97 48.8 36.6 54.8

132 25.9 20.1 30.1

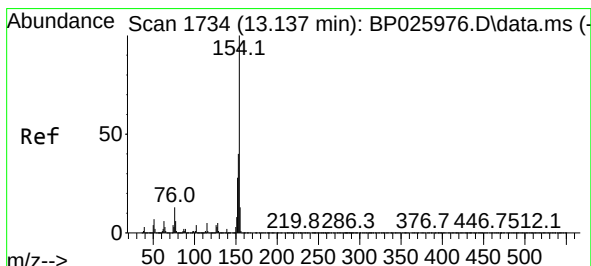
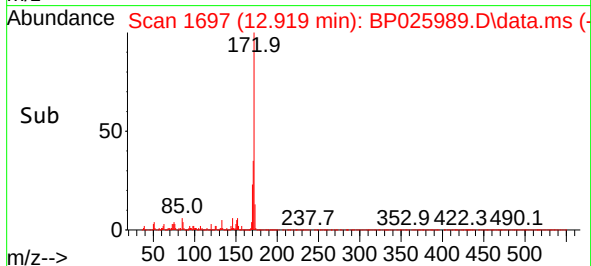
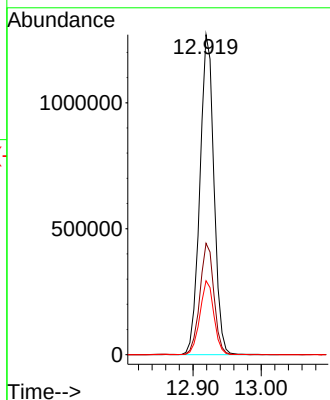
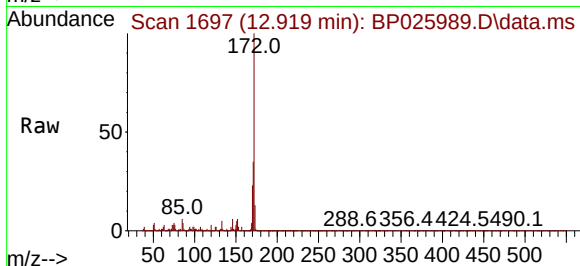




#45
2-Fluorobiphenyl
Concen: 75.257 ng
RT: 12.919 min Scan# 1699
Delta R.T. -0.012 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

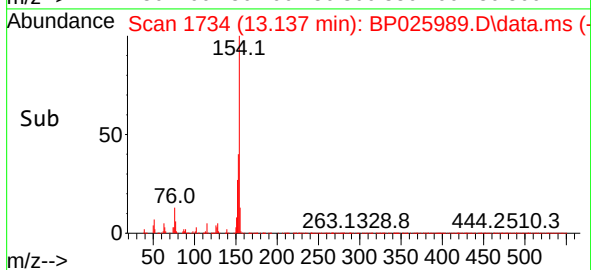
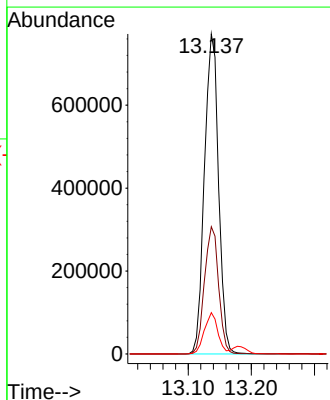
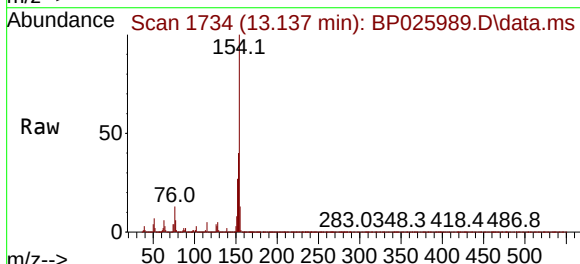
Instrument : BNA_P
ClientSampleId : MH-22MSD

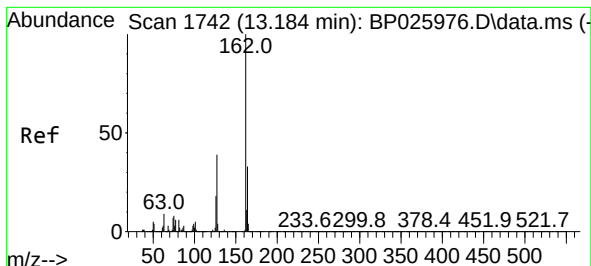
Tgt Ion:172 Resp: 1817923
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.1 18.5 27.7



#46
1,1'-Biphenyl
Concen: 51.272 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:154 Resp: 1199150
Ion Ratio Lower Upper
154 100
153 39.8 20.1 60.1
76 12.9 0.0 33.1





#47

2-Chloronaphthalene

Concen: 46.766 ng

RT: 13.178 min Scan# 1741

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

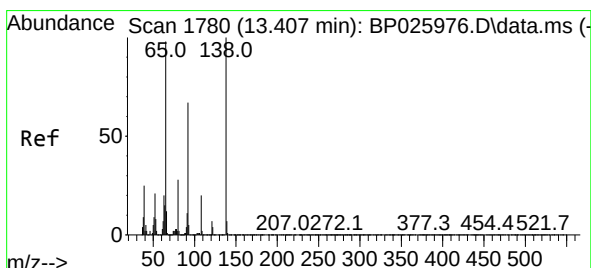
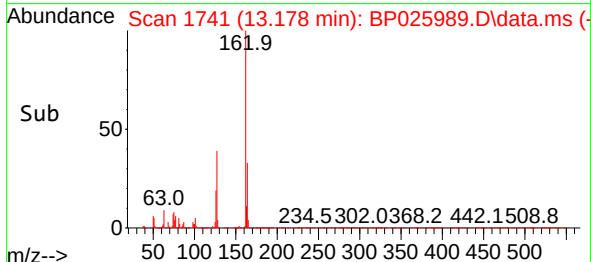
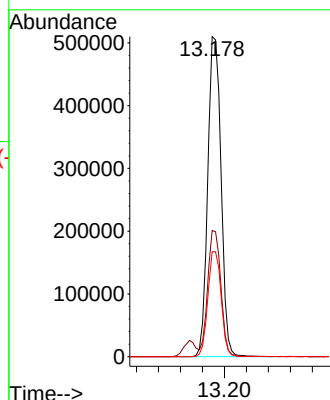
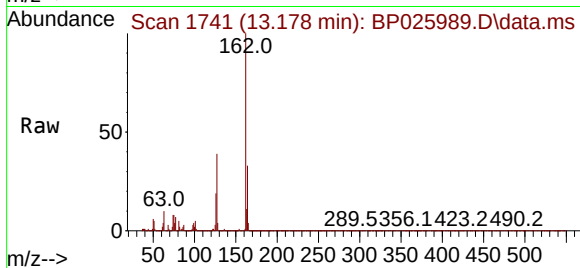
Tgt Ion:162 Resp: 855218

Ion Ratio Lower Upper

162 100

127 39.4 31.4 47.0

164 32.8 26.4 39.6



#48

2-Nitroaniline

Concen: 46.371 ng

RT: 13.413 min Scan# 1781

Delta R.T. 0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

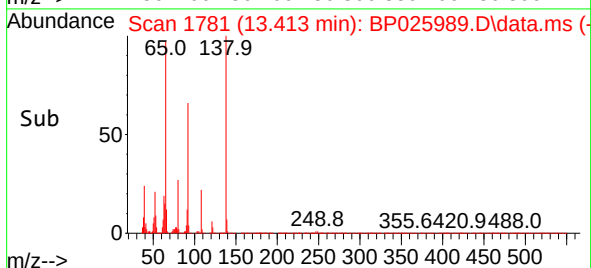
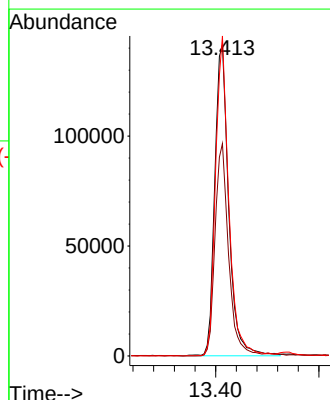
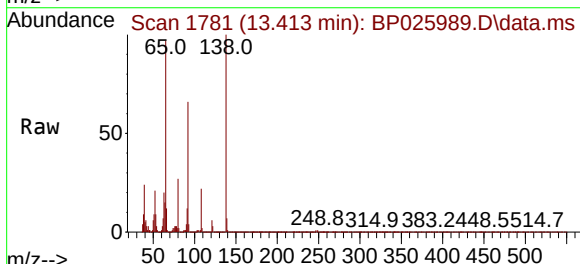
Tgt Ion: 65 Resp: 264291

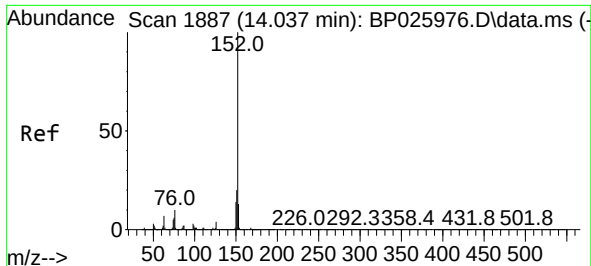
Ion Ratio Lower Upper

65 100

92 68.3 55.0 82.4

138 102.9 82.0 123.0

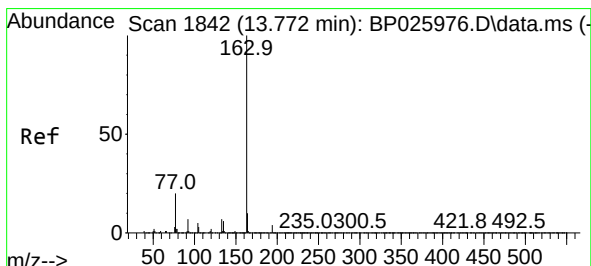
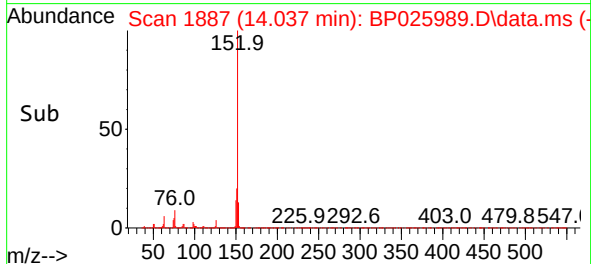
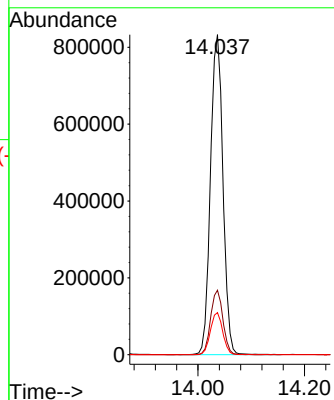
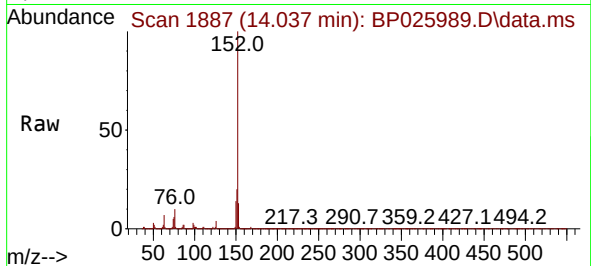




#49
Acenaphthylene
Concen: 45.832 ng
RT: 14.037 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

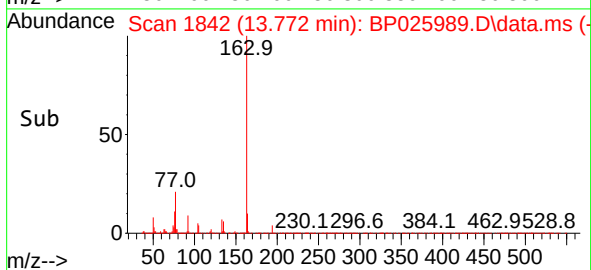
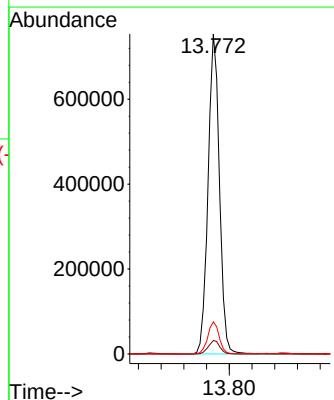
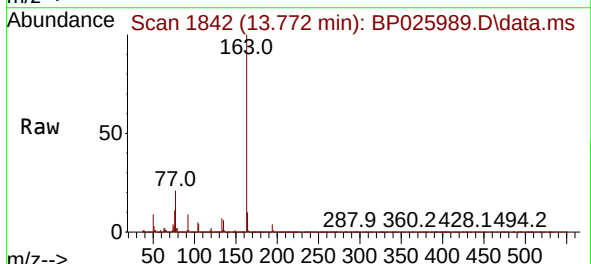
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

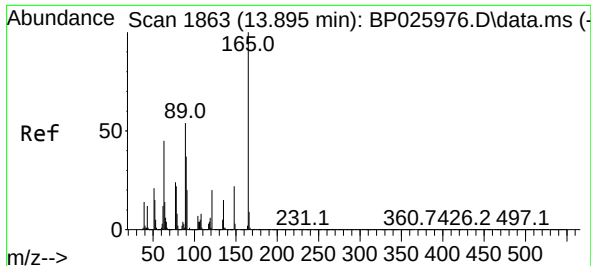
Tgt Ion:152 Resp: 1355174
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 44.422 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:163 Resp: 1039587
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 10.1 8.2 12.2

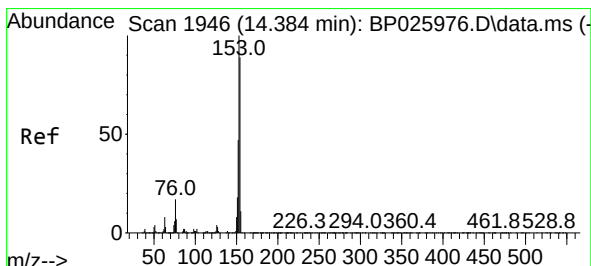
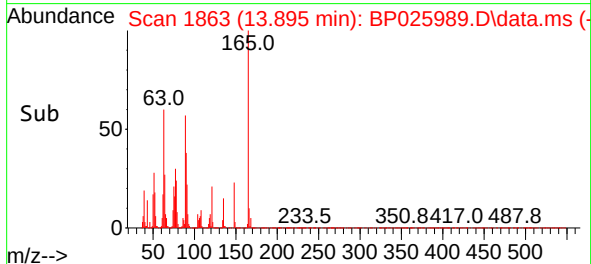
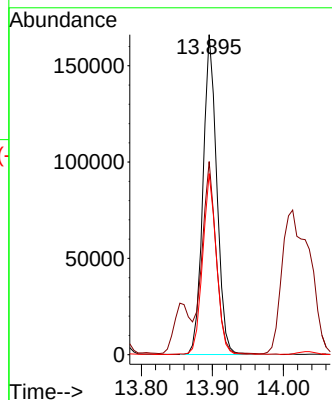
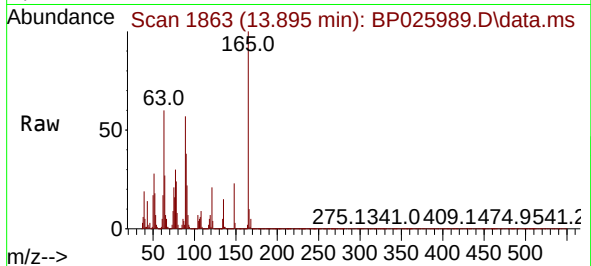




#51
2,6-Dinitrotoluene
Concen: 44.557 ng
RT: 13.895 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

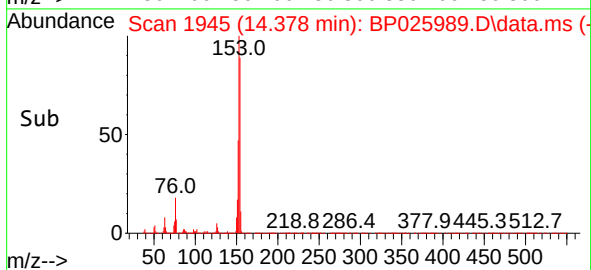
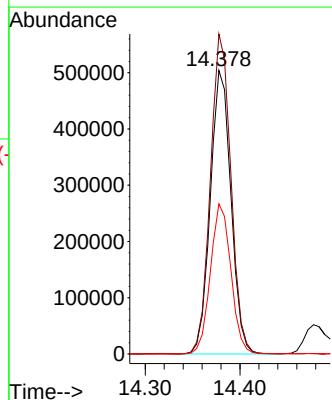
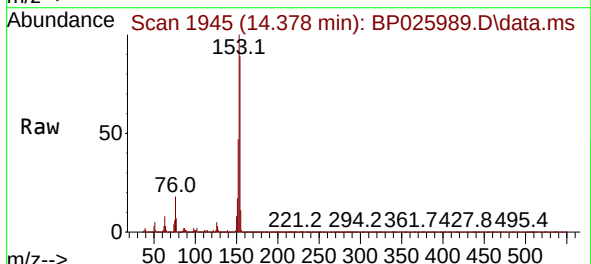
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

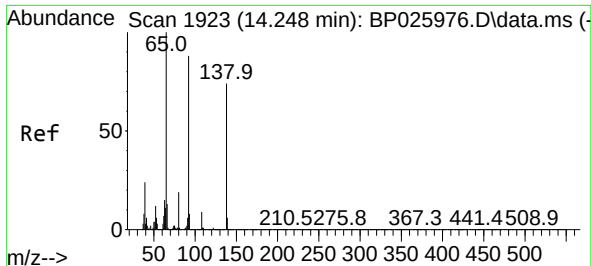
Tgt Ion:165 Resp: 225142
Ion Ratio Lower Upper
165 100
63 60.3 45.4 68.0
89 56.6 43.4 65.0



#52
Acenaphthene
Concen: 44.632 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:154 Resp: 762062
Ion Ratio Lower Upper
154 100
153 112.9 90.2 135.2
152 53.0 42.2 63.2

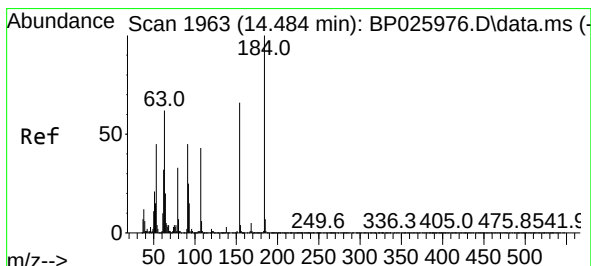
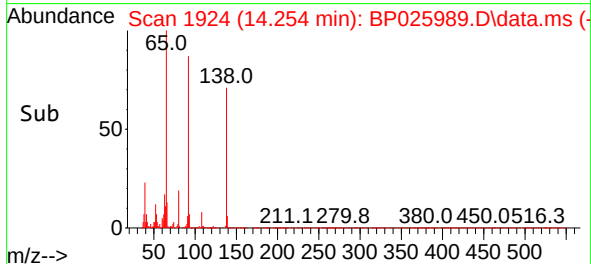
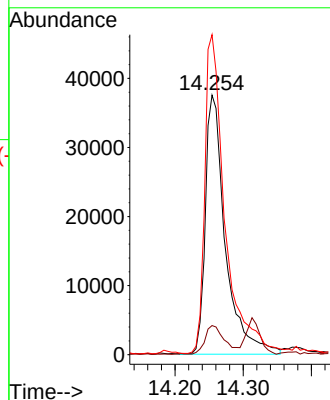
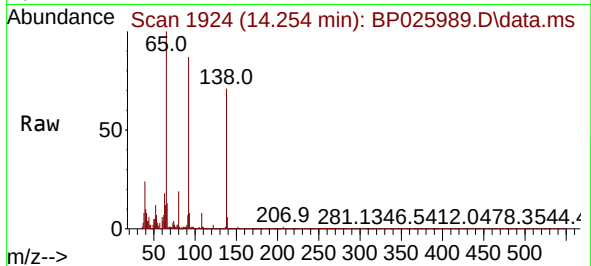




#53
3-Nitroaniline
Concen: 15.252 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

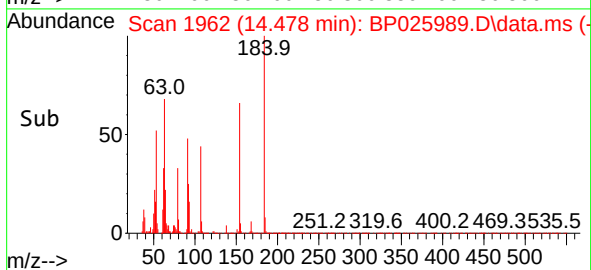
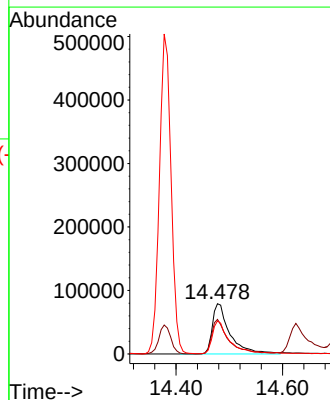
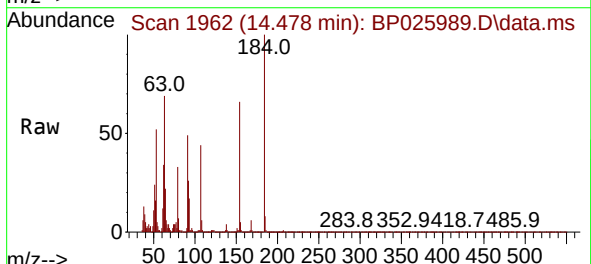
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

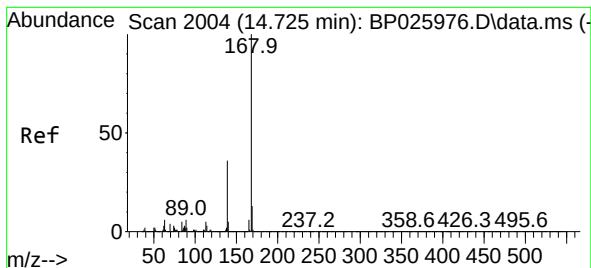
Tgt Ion:138 Resp: 76758
Ion Ratio Lower Upper
138 100
108 11.2 10.0 15.0
92 123.3 96.1 144.1



#54
2,4-Dinitrophenol
Concen: 54.264 ng
RT: 14.478 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:184 Resp: 179887
Ion Ratio Lower Upper
184 100
63 68.7 50.2 75.2
154 65.9 54.2 81.4





#55

Dibenzofuran

Concen: 44.737 ng

RT: 14.725 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

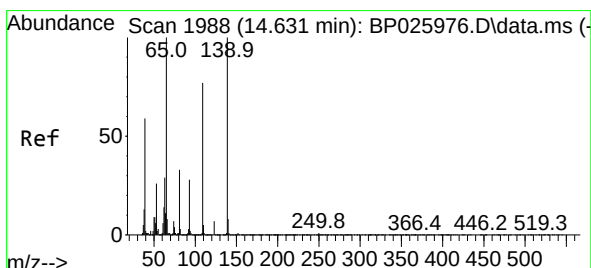
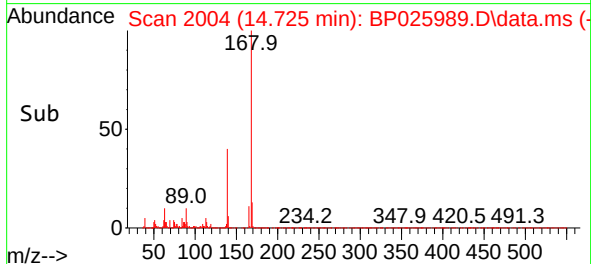
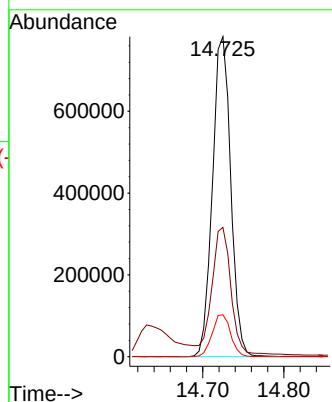
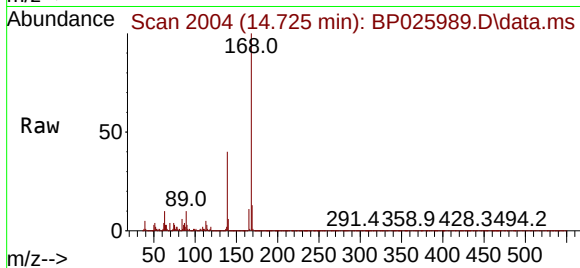
Tgt Ion:168 Resp: 1223113

Ion Ratio Lower Upper

168 100

139 40.4 30.5 45.7

169 13.1 10.6 15.8



#56

4-Nitrophenol

Concen: 76.622 ng

RT: 14.631 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

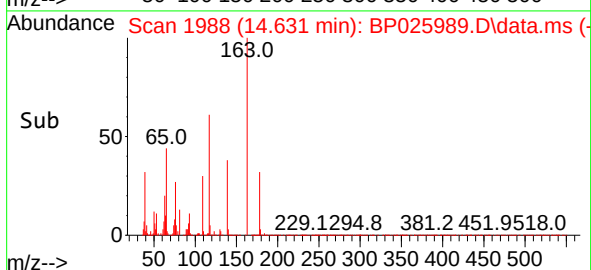
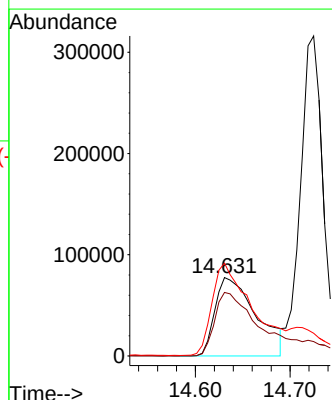
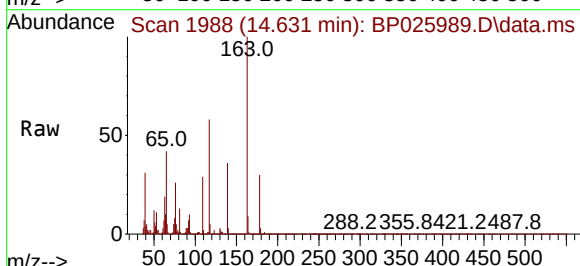
Tgt Ion:139 Resp: 233857

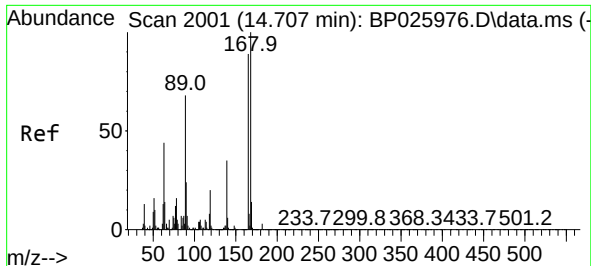
Ion Ratio Lower Upper

139 100

109 81.0 57.6 97.6

65 118.2 81.4 121.4

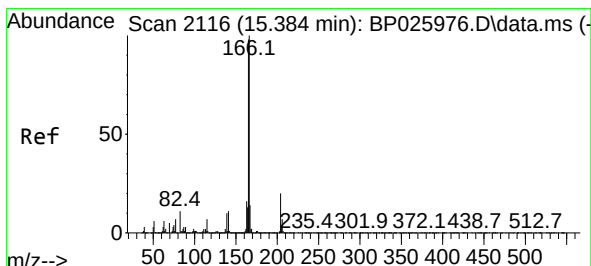
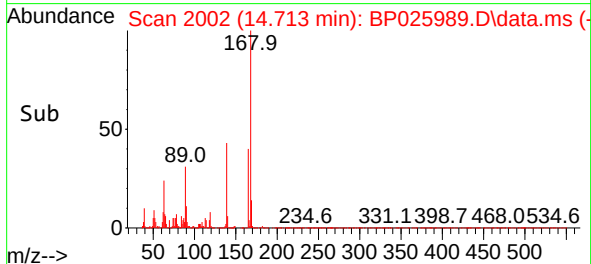
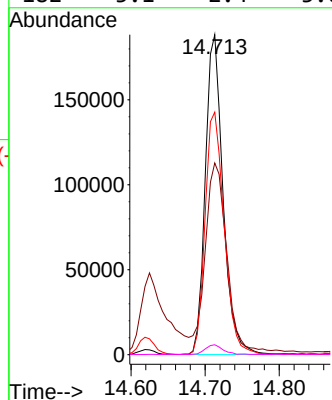
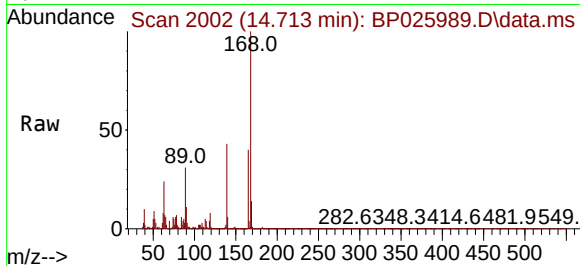




#57
2,4-Dinitrotoluene
Concen: 45.783 ng
RT: 14.713 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

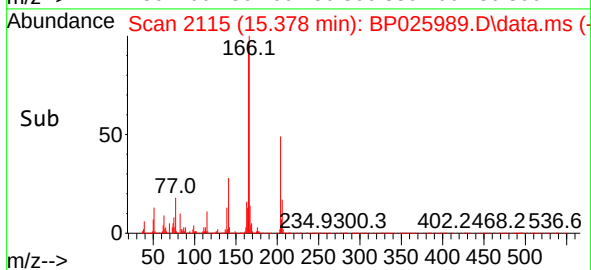
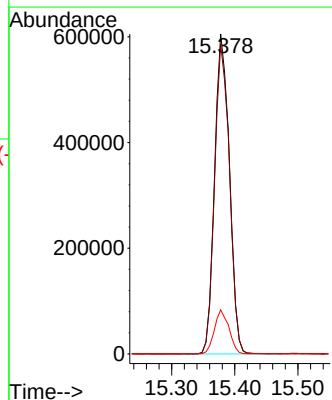
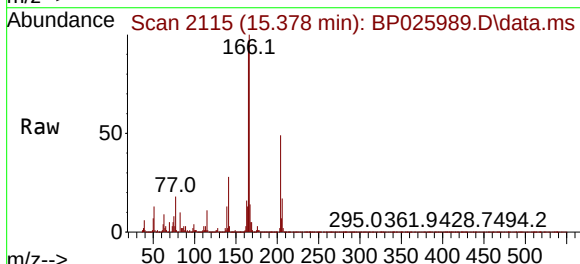
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

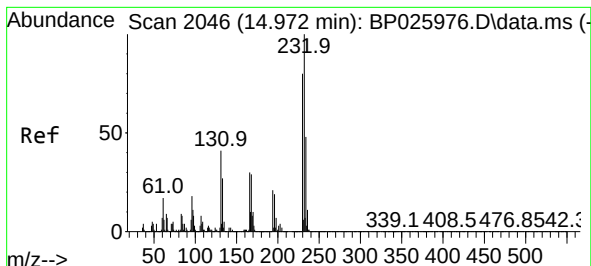
Tgt Ion:165 Resp: 313456
Ion Ratio Lower Upper
165 100
63 59.9 41.8 62.6
89 75.8 61.6 92.4
182 3.1 2.4 3.6



#58
Fluorene
Concen: 45.014 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:166 Resp: 988904
Ion Ratio Lower Upper
166 100
165 96.9 78.2 117.2
167 13.8 10.8 16.2



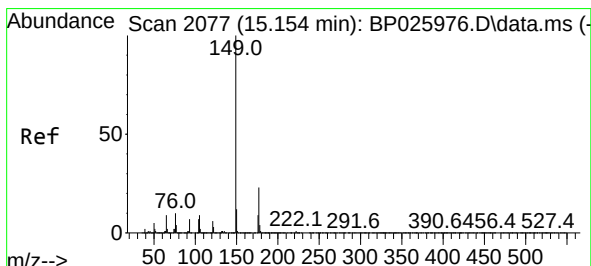
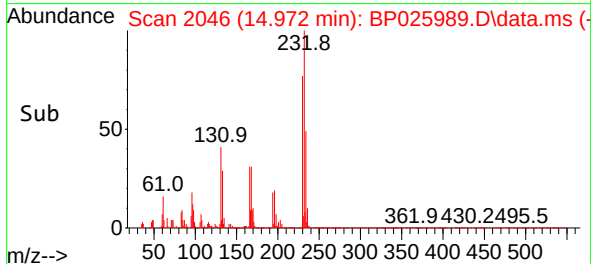
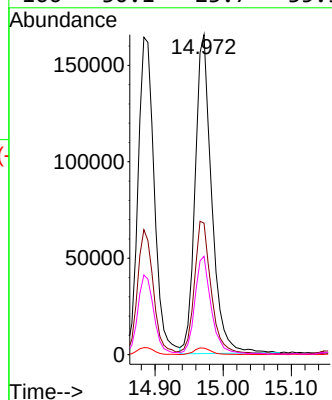
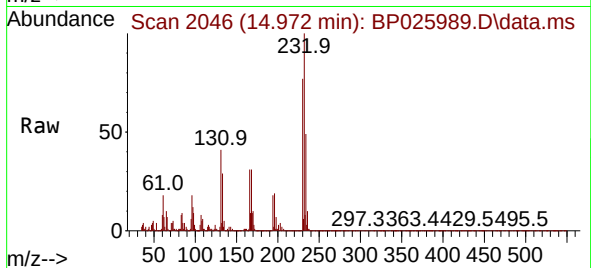


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.323 ng
RT: 14.972 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Instrument :
BNA_P
ClientSampleId :
MH-22MSD

Tgt Ion:232 Resp: 277147

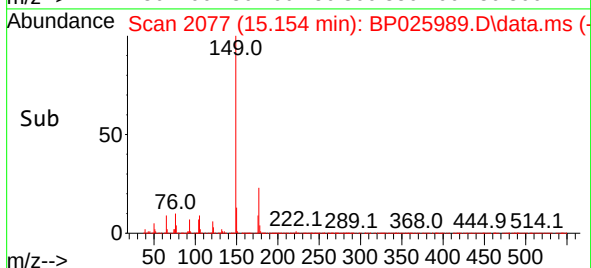
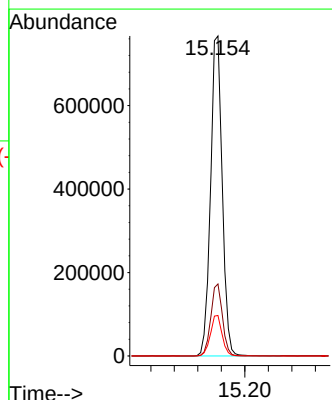
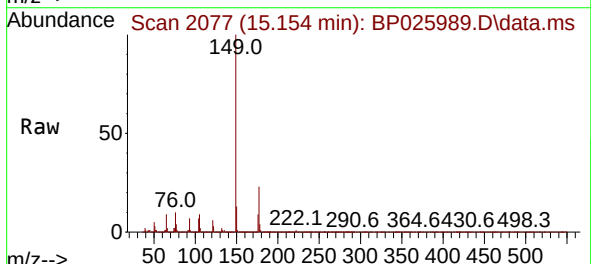
Ion	Ratio	Lower	Upper
232	100		
131	42.2	33.8	50.8
130	2.2	1.8	2.8
166	30.1	23.7	35.5

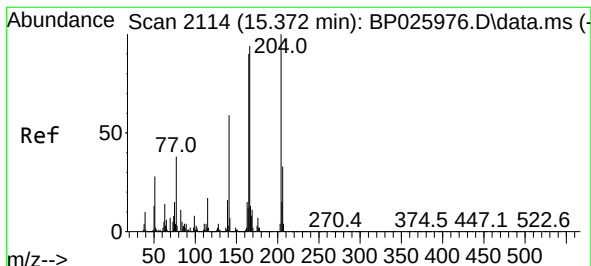


#60
Diethylphthalate
Concen: 45.683 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:149 Resp: 1054102

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.2	27.2
150	12.6	9.8	14.6

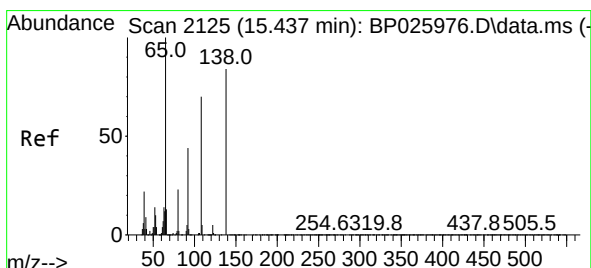
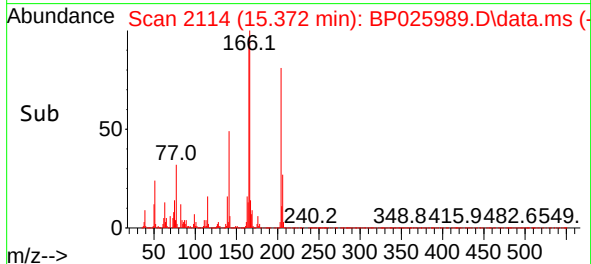
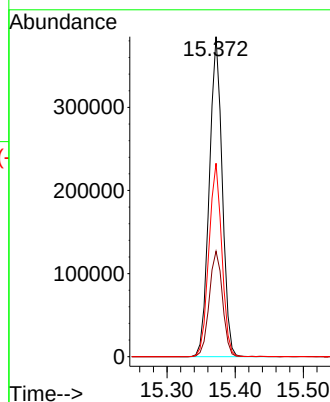
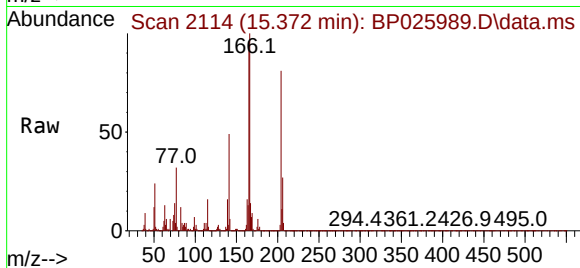




#61
4-Chlorophenyl-phenylether
Concen: 43.963 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

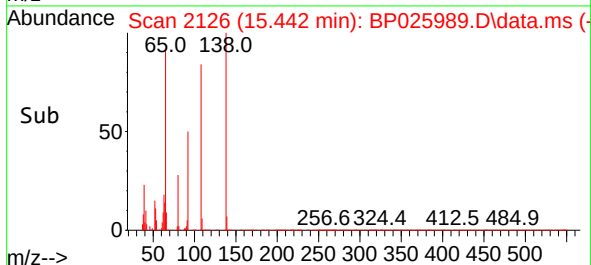
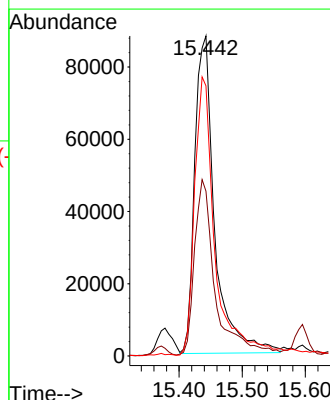
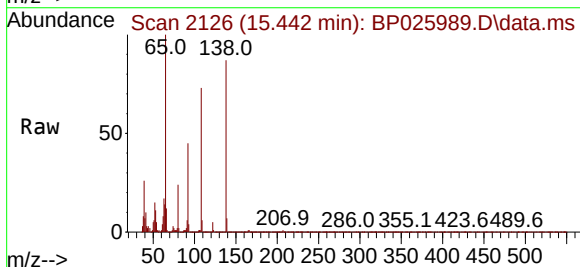
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

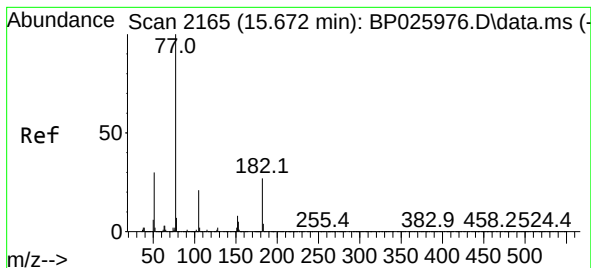
Tgt Ion:204 Resp: 507868
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 60.4 47.2 70.8



#62
4-Nitroaniline
Concen: 41.480 ng
RT: 15.442 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:138 Resp: 193437
Ion Ratio Lower Upper
138 100
92 51.5 32.5 72.5
108 84.4 62.7 102.7





#63

Azobenzene

Concen: 45.558 ng

RT: 15.672 min Scan# 2165

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

Tgt Ion: 77 Resp: 979824

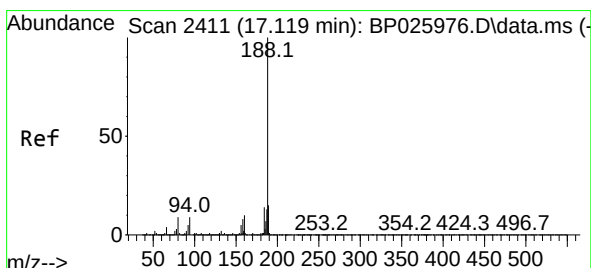
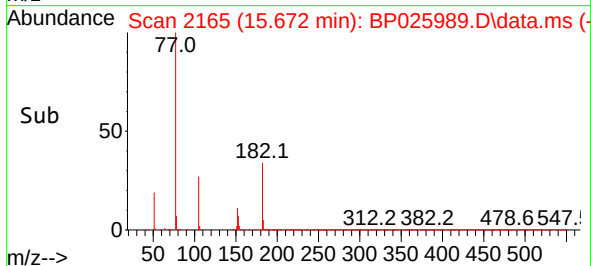
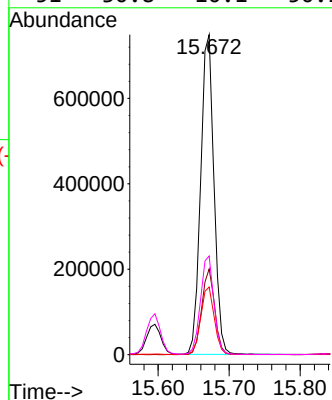
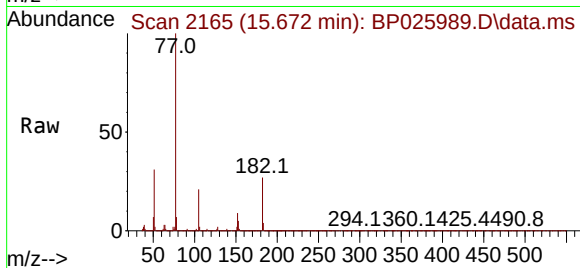
Ion Ratio Lower Upper

77 100

182 26.8 6.6 46.6

105 21.1 1.3 41.3

51 30.8 10.1 50.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.119 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

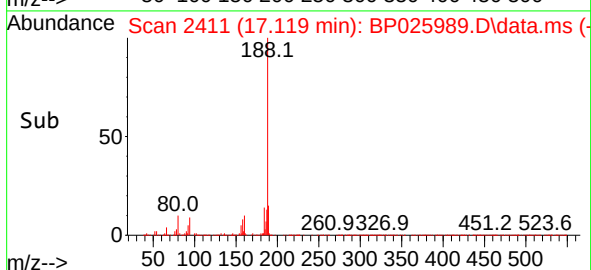
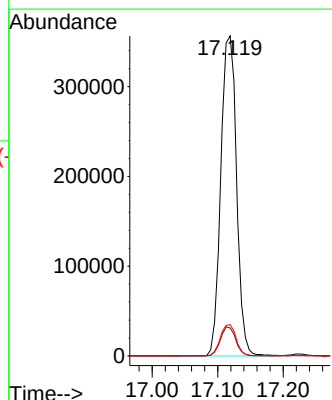
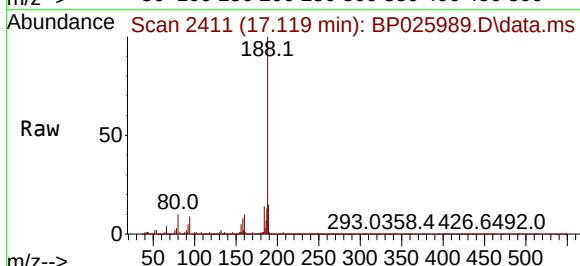
Tgt Ion:188 Resp: 591802

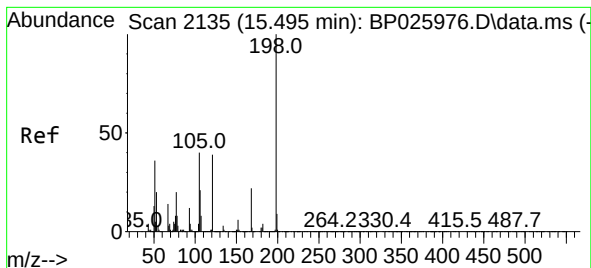
Ion Ratio Lower Upper

188 100

94 8.8 6.8 10.2

80 9.8 7.2 10.8

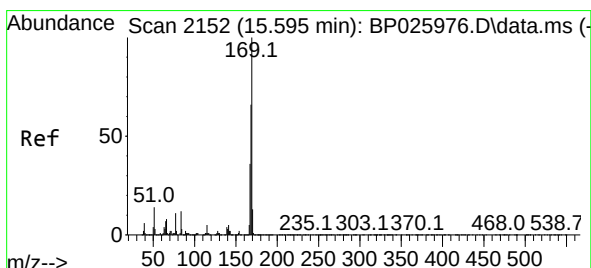
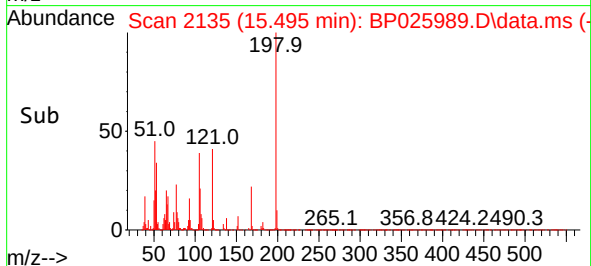
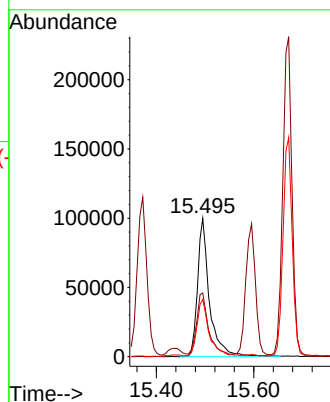
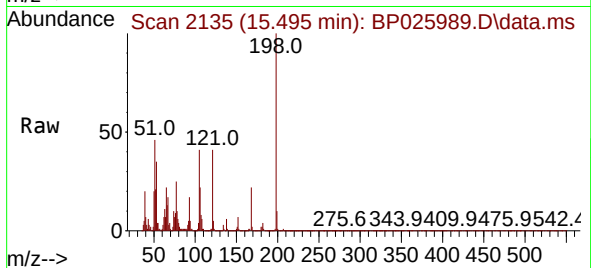




#65
4,6-Dinitro-2-methylphenol
Concen: 39.885 ng
RT: 15.495 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

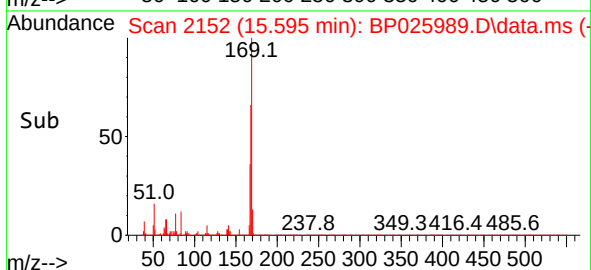
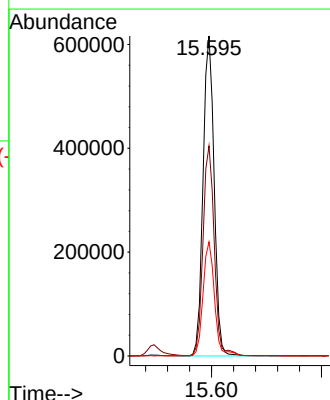
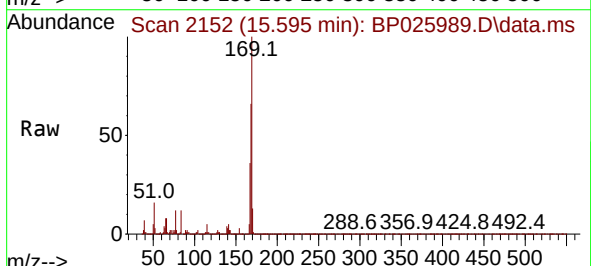
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

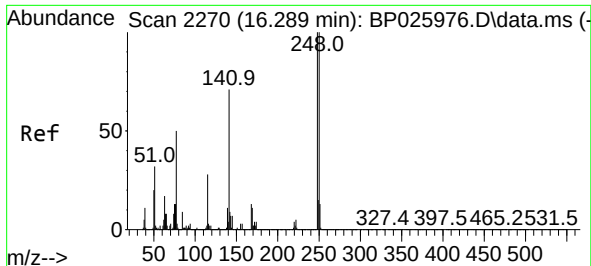
Tgt Ion:198 Resp: 170597
Ion Ratio Lower Upper
198 100
51 46.0 22.1 62.1
105 41.3 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 45.241 ng
RT: 15.595 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:169 Resp: 861396
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 35.7 28.6 42.8

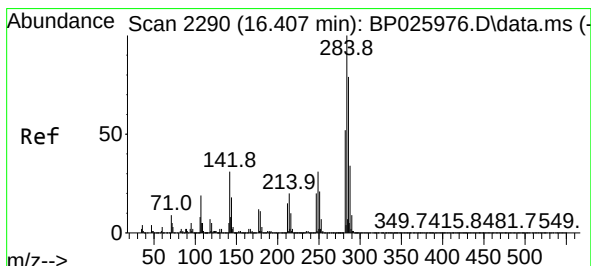
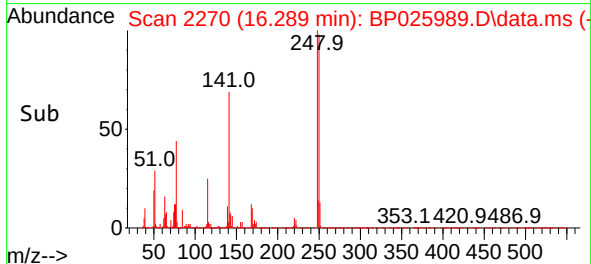
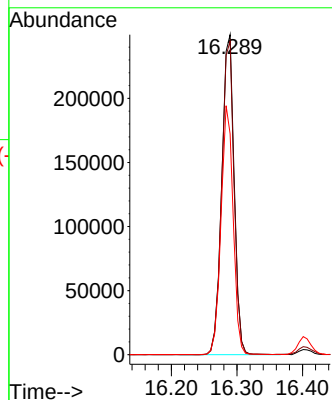
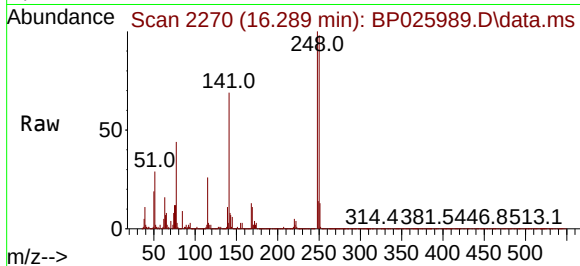




#67
4-Bromophenyl-phenylether
Concen: 44.528 ng
RT: 16.289 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

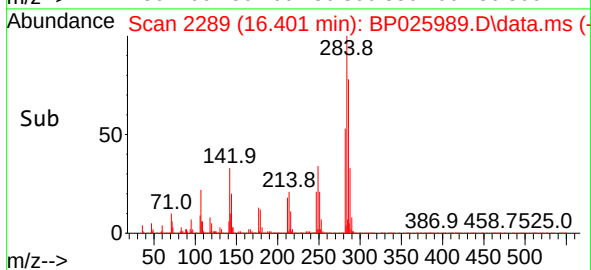
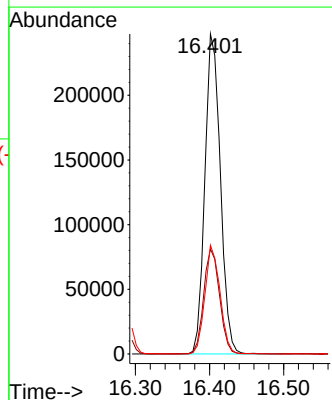
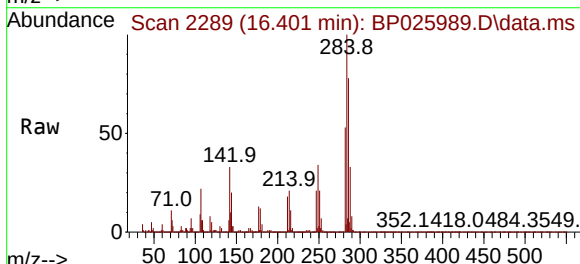
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

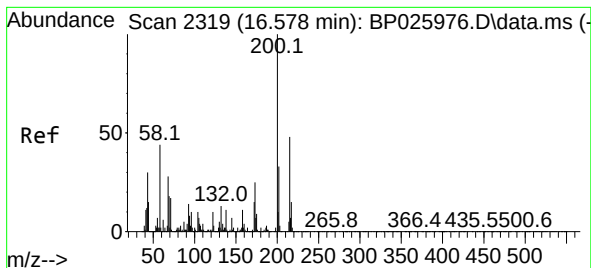
Tgt Ion:248 Resp: 325252
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.6
141 69.0 57.0 85.4



#68
Hexachlorobenzene
Concen: 43.937 ng
RT: 16.401 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:284 Resp: 360036
Ion Ratio Lower Upper
284 100
142 32.8 24.9 37.3
249 34.0 25.1 37.7





#69

Atrazine

Concen: 48.699 ng

RT: 16.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

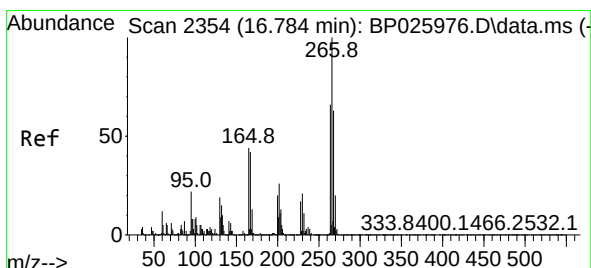
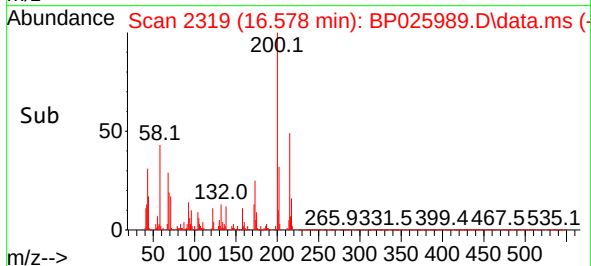
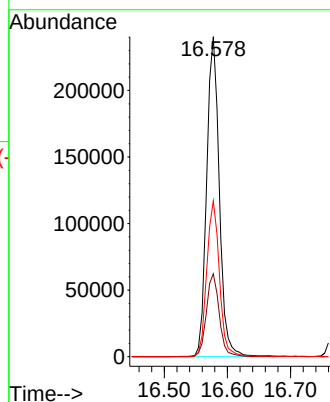
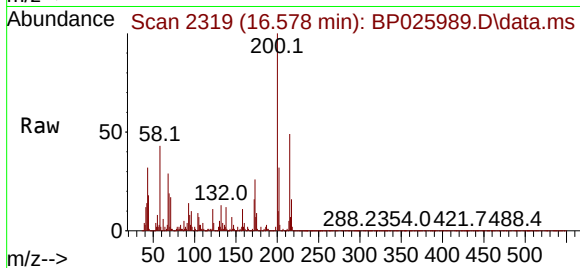
Tgt Ion:200 Resp: 334511

Ion Ratio Lower Upper

200 100

173 25.9 5.3 45.3

215 48.7 28.2 68.2



#70

Pentachlorophenol

Concen: 98.894 ng

RT: 16.778 min Scan# 2353

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

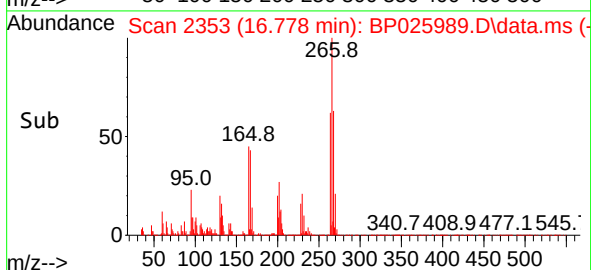
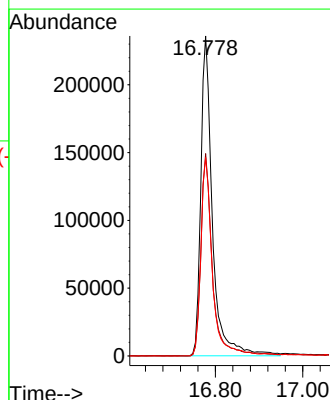
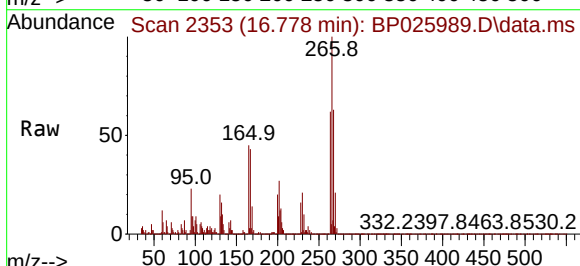
Tgt Ion:266 Resp: 437502

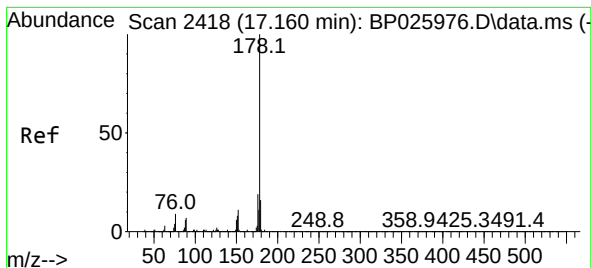
Ion Ratio Lower Upper

266 100

268 63.3 50.5 75.7

264 62.0 52.9 79.3





#71

Phenanthrene

Concen: 45.833 ng

RT: 17.160 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

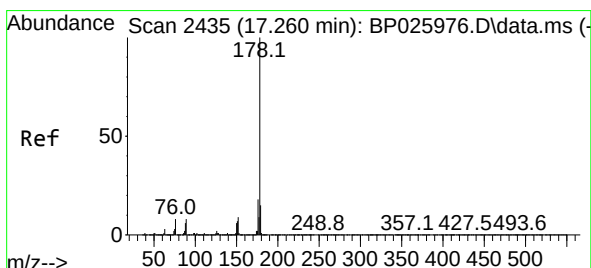
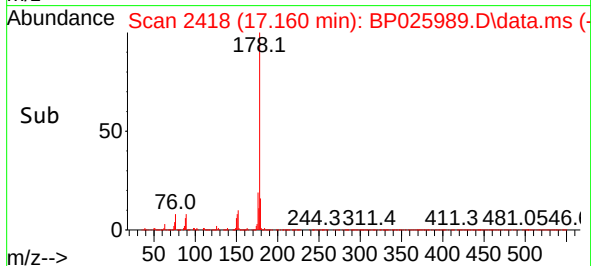
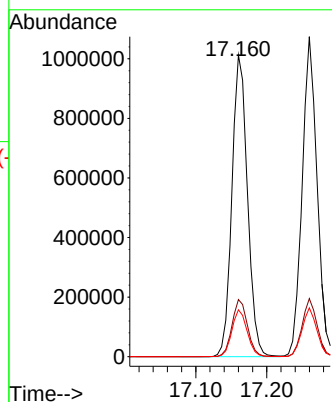
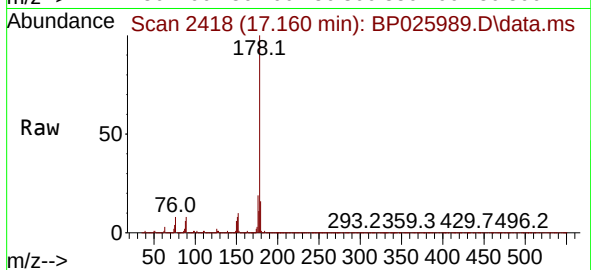
Tgt Ion:178 Resp: 1537320

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.5 12.7 19.1



#72

Anthracene

Concen: 45.910 ng

RT: 17.260 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

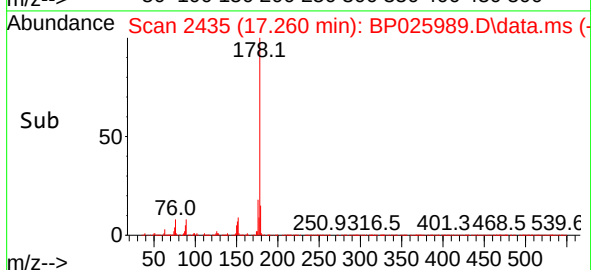
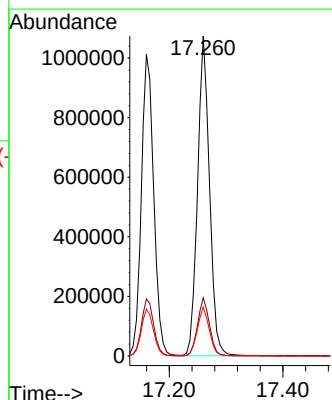
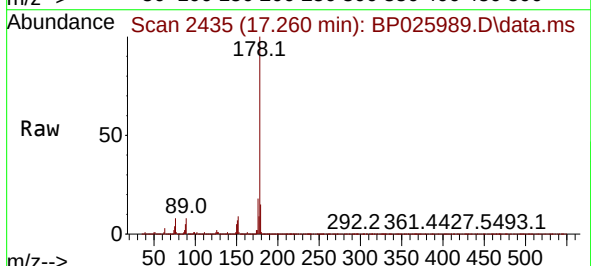
Tgt Ion:178 Resp: 1572976

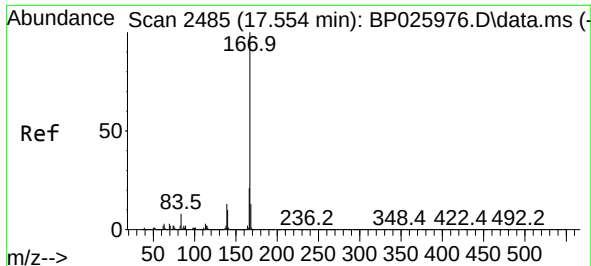
Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

179 15.2 12.3 18.5

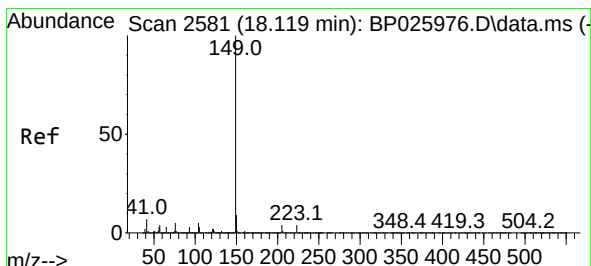
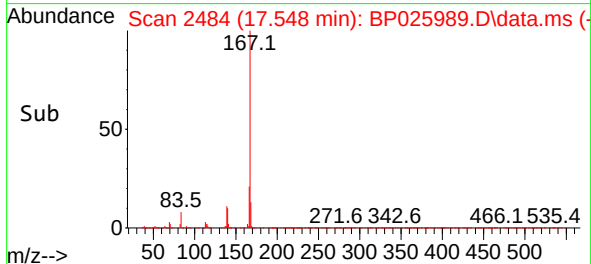
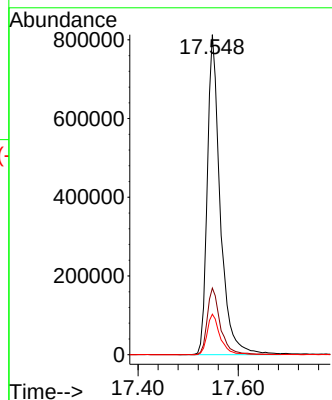
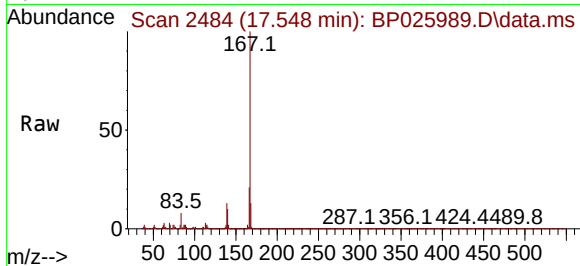




#73
 Carbazole
 Concen: 48.205 ng
 RT: 17.548 min Scan# 2485
 Delta R.T. -0.006 min
 Lab File: BP025989.D
 Acq: 21 Oct 2025 16:57

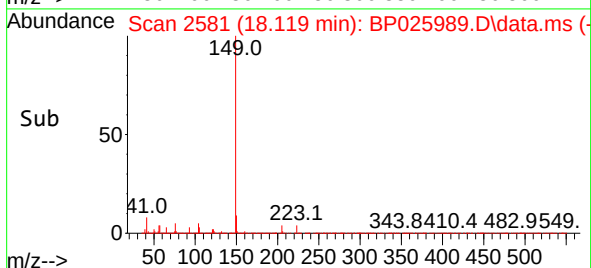
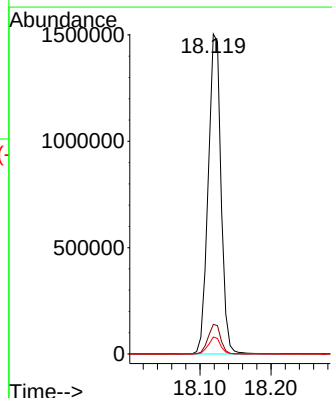
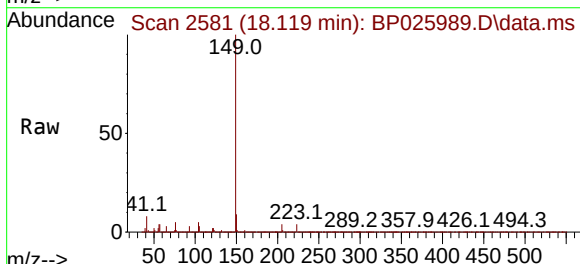
Instrument :
 BNA_P
 ClientSampleId :
 MH-22MSD

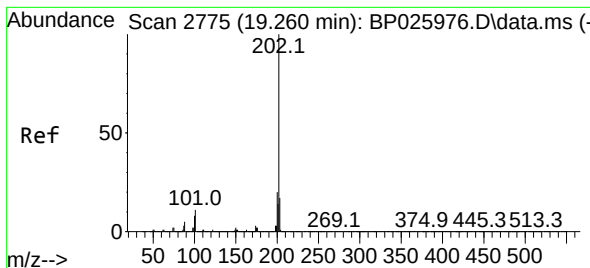
Tgt Ion:167 Resp: 1455949
 Ion Ratio Lower Upper
 167 100
 166 20.8 16.7 25.1
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 50.712 ng
 RT: 18.119 min Scan# 2581
 Delta R.T. 0.000 min
 Lab File: BP025989.D
 Acq: 21 Oct 2025 16:57

Tgt Ion:149 Resp: 1884969
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 49.562 ng

RT: 19.260 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

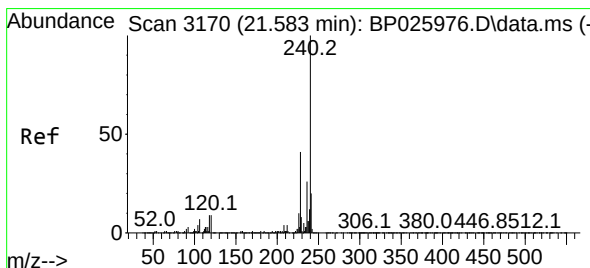
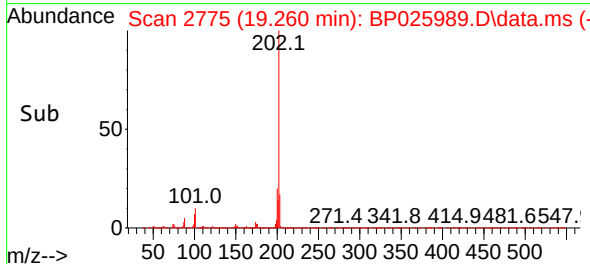
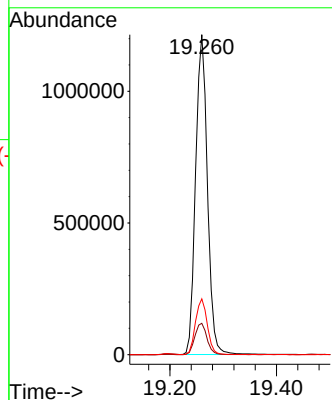
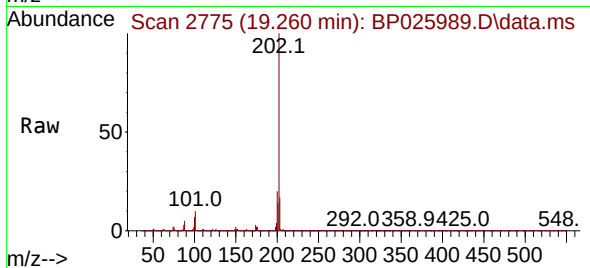
Tgt Ion:202 Resp: 1875170

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.5

203 17.4 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3169

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

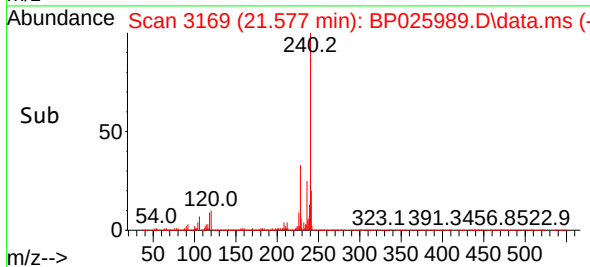
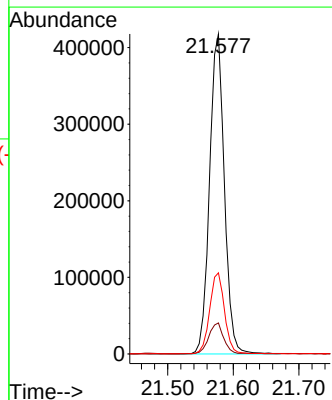
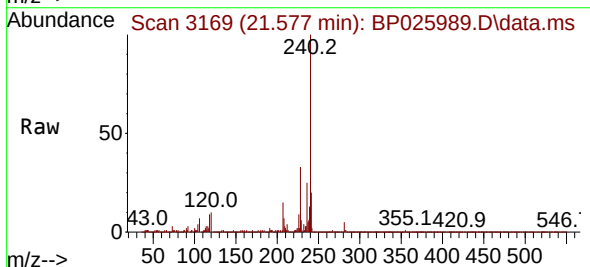
Tgt Ion:240 Resp: 656925

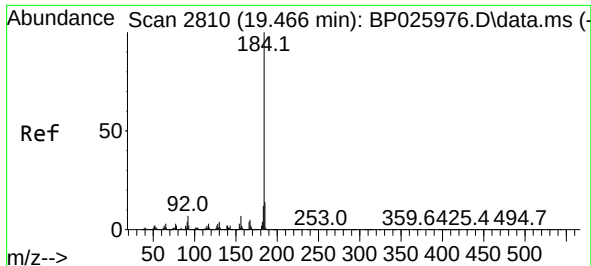
Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.0

236 25.3 20.4 30.6

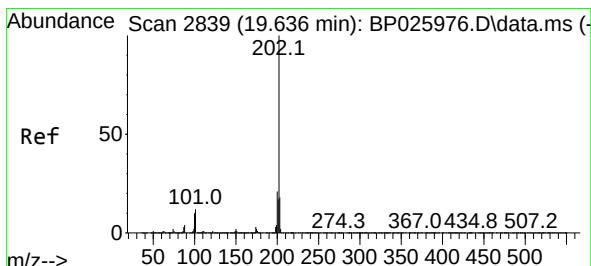
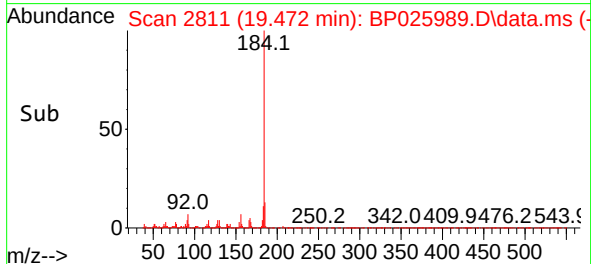
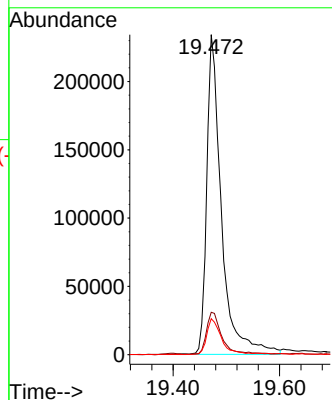
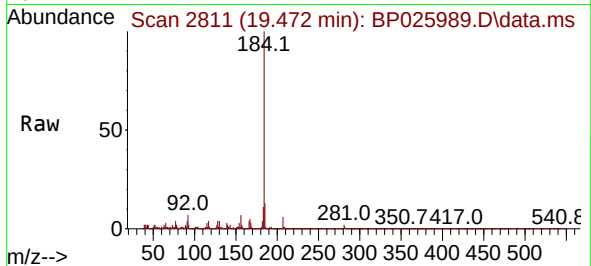




#77
Benzidine
Concen: 21.259 ng
RT: 19.472 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

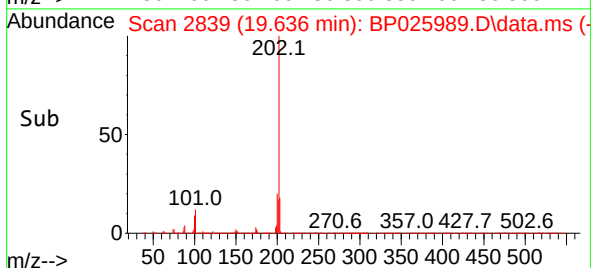
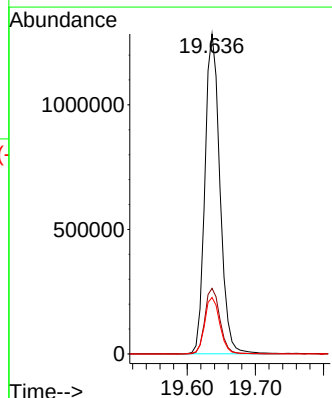
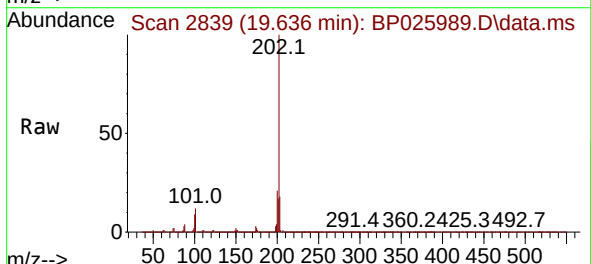
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

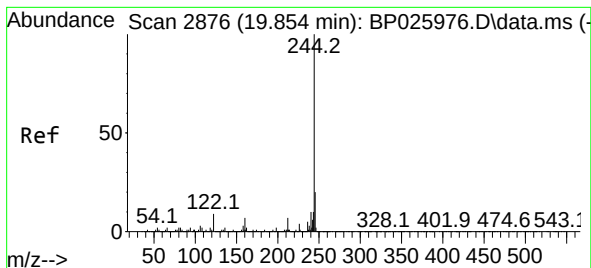
Tgt Ion:184 Resp: 447484
Ion Ratio Lower Upper
184 100
185 13.3 11.4 17.0
183 11.3 9.4 14.2



#78
Pyrene
Concen: 40.556 ng
RT: 19.636 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:202 Resp: 1965009
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 65.964 ng

RT: 19.848 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

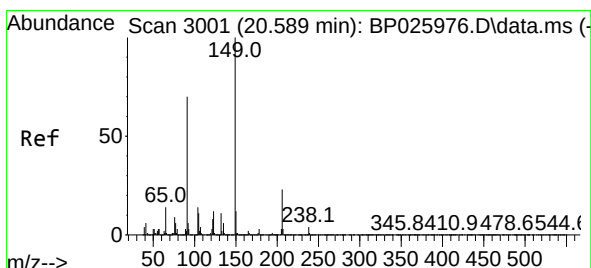
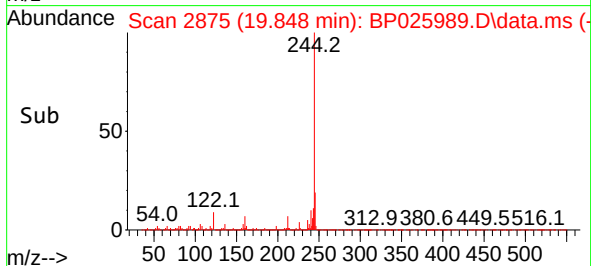
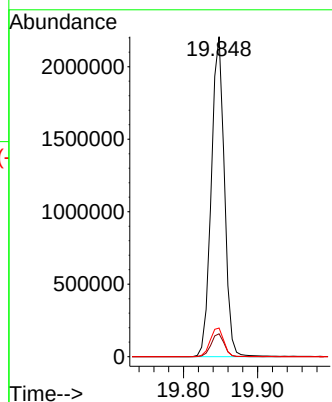
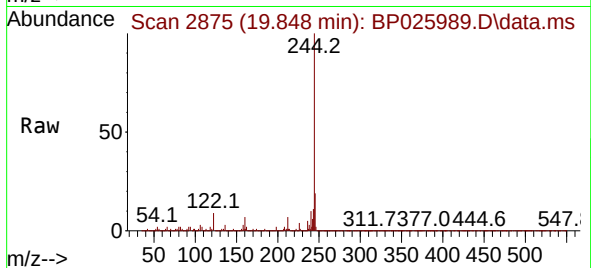
Tgt Ion:244 Resp: 2711415

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 9.0 7.1 10.7



#80

Butylbenzylphthalate

Concen: 46.440 ng

RT: 20.577 min Scan# 2999

Delta R.T. -0.012 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

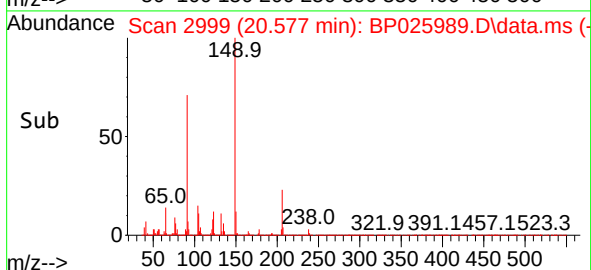
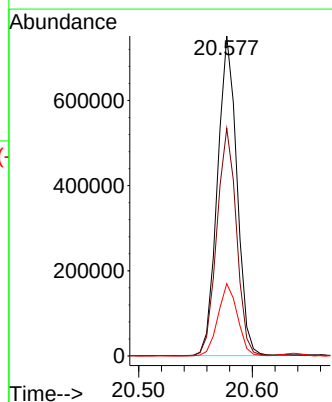
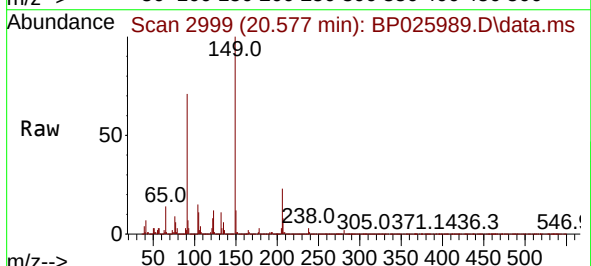
Tgt Ion:149 Resp: 895413

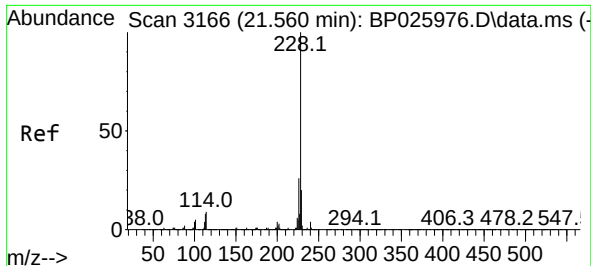
Ion Ratio Lower Upper

149 100

91 71.1 56.0 84.0

206 22.6 18.6 27.8

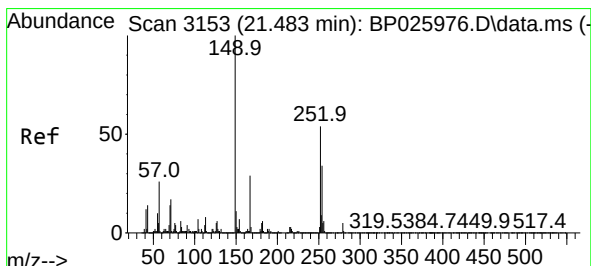
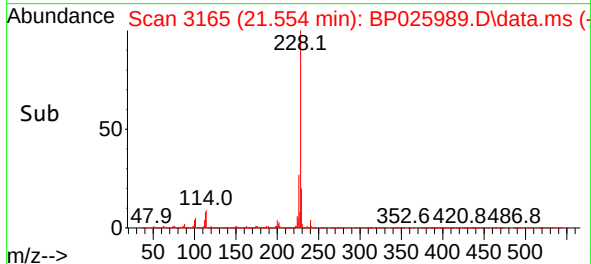
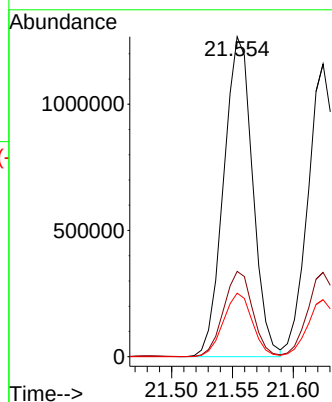
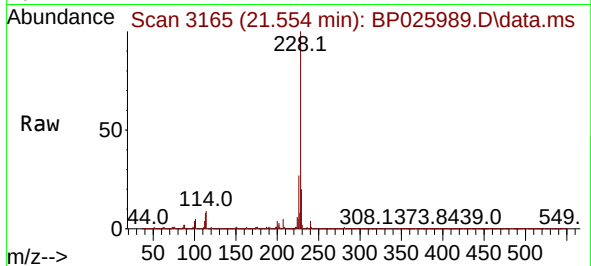




#81
Benzo(a)anthracene
Concen: 46.706 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

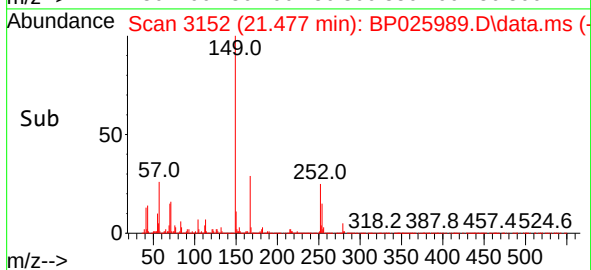
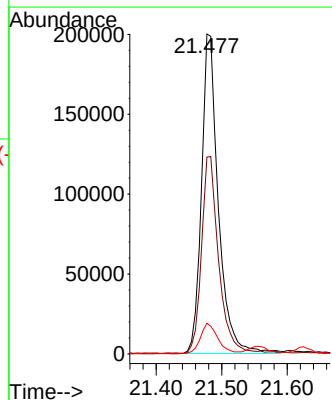
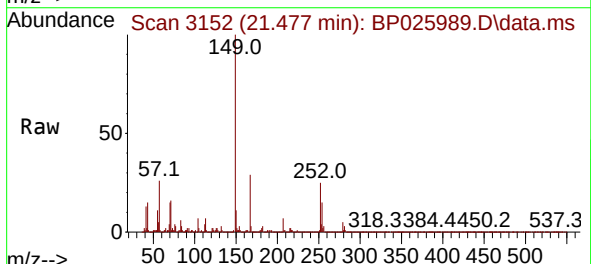
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

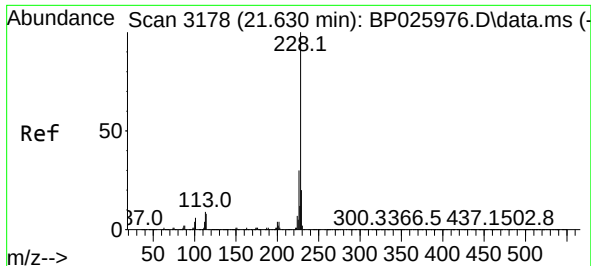
Tgt Ion:228 Resp: 2098499
Ion Ratio Lower Upper
228 100
226 26.7 21.0 31.6
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 22.430 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:252 Resp: 358633
Ion Ratio Lower Upper
252 100
254 61.5 50.6 75.8
126 9.6 8.0 12.0





#83

Chrysene

Concen: 46.197 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

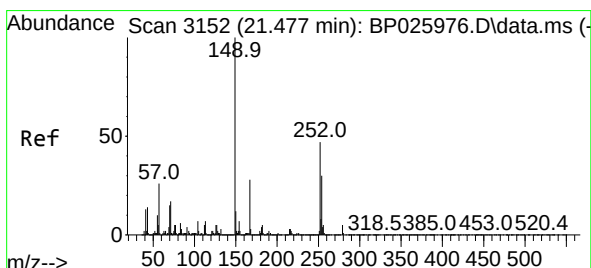
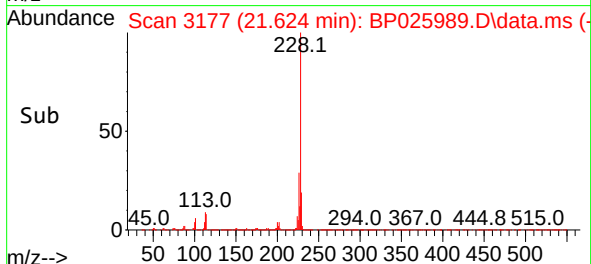
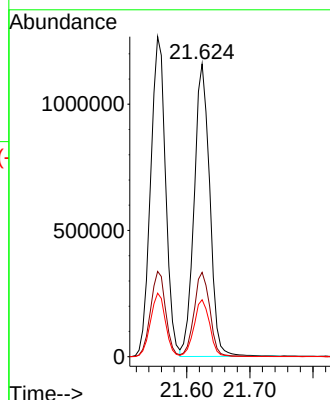
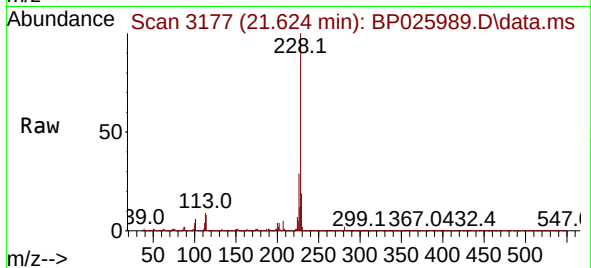
Tgt Ion:228 Resp: 1984605

Ion Ratio Lower Upper

228 100

226 28.8 23.5 35.3

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.978 ng

RT: 21.471 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

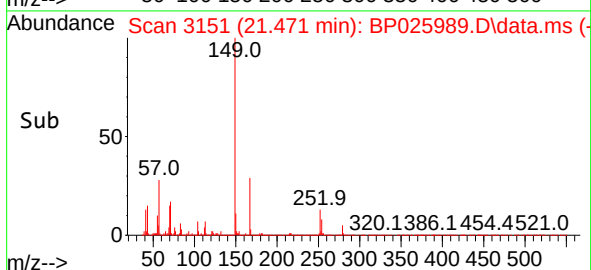
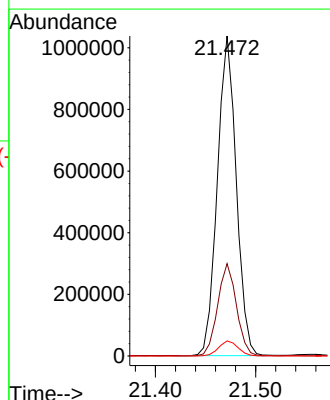
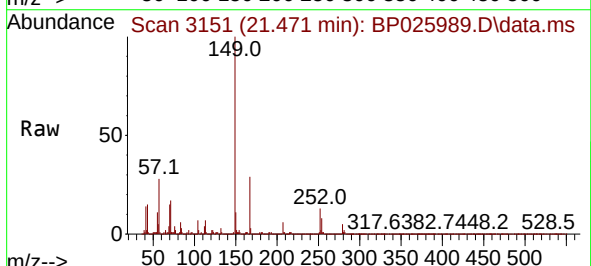
Tgt Ion:149 Resp: 1356956

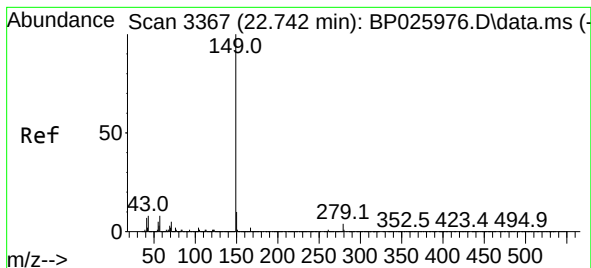
Ion Ratio Lower Upper

149 100

167 28.9 22.8 34.2

279 4.7 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 54.429 ng

RT: 22.736 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

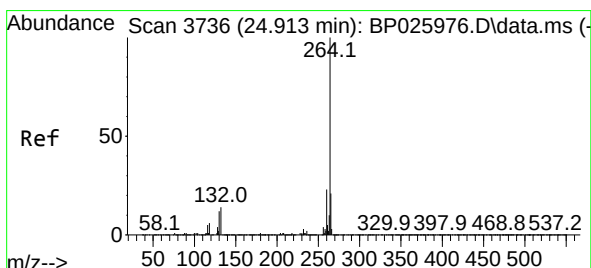
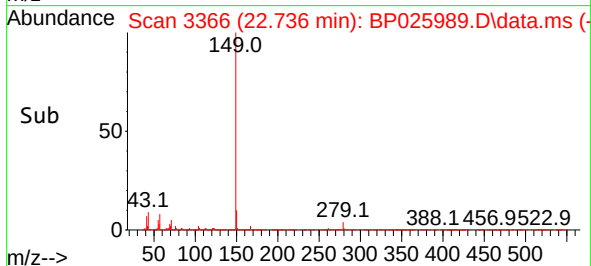
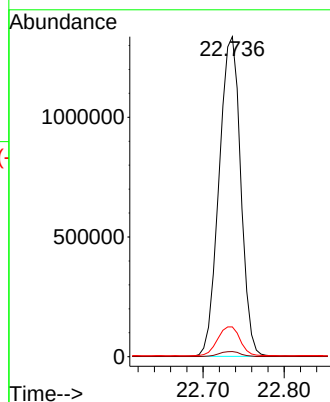
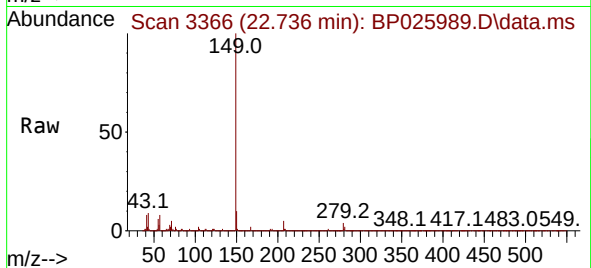
Tgt Ion:149 Resp: 2473836

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.924 min Scan# 3738

Delta R.T. 0.012 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

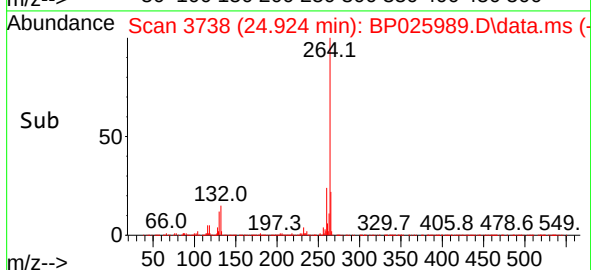
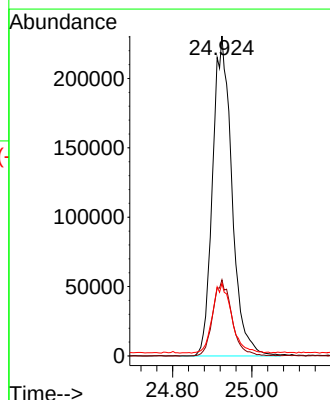
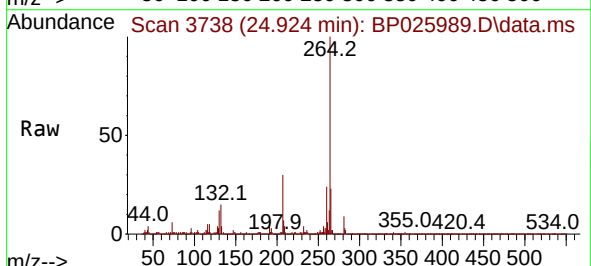
Tgt Ion:264 Resp: 779834

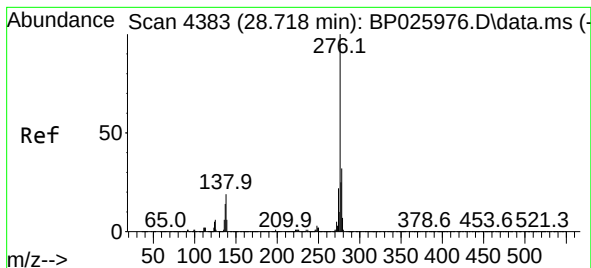
Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 22.6 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.918 ng

RT: 28.730 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

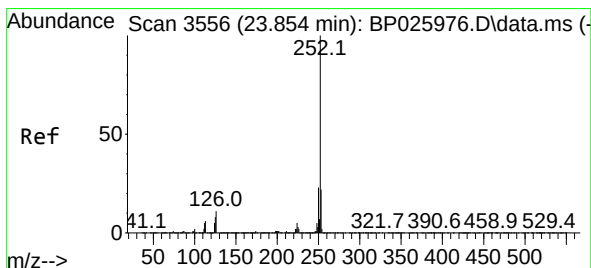
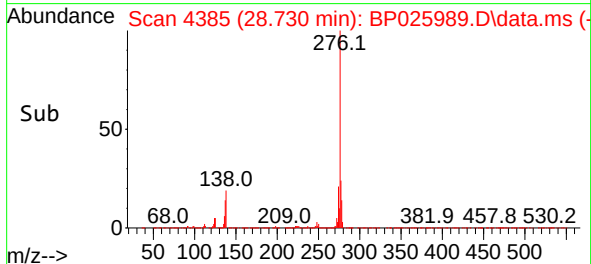
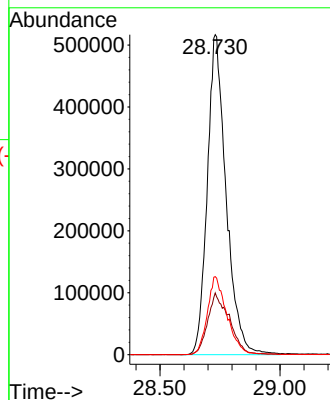
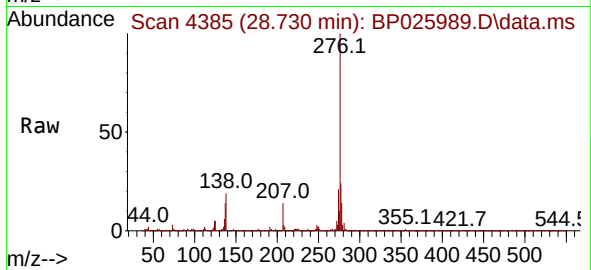
Tgt Ion:276 Resp: 2814901

Ion Ratio Lower Upper

276 100

138 22.1 17.4 26.0

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.857 ng

RT: 23.848 min Scan# 3555

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

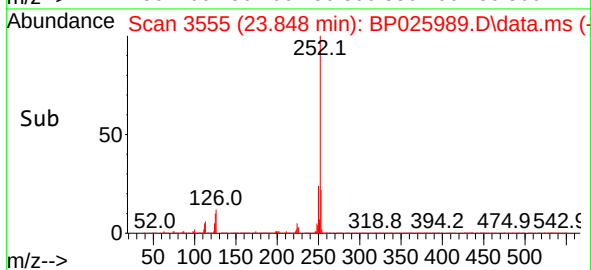
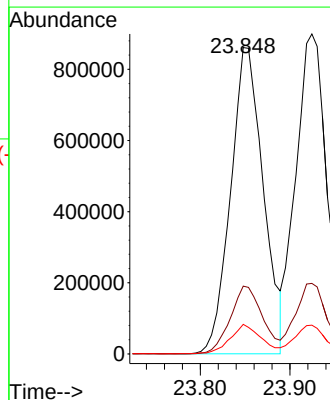
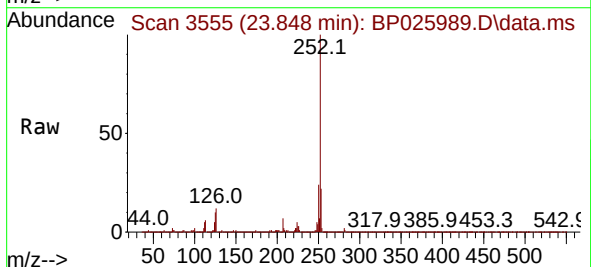
Tgt Ion:252 Resp: 2178623

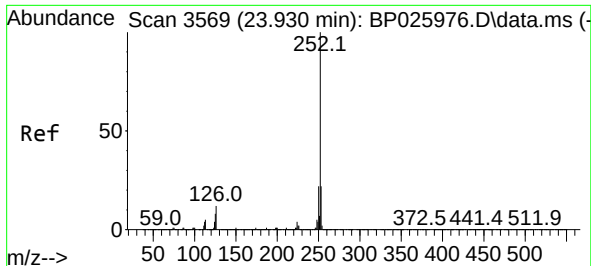
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.7 6.8 10.2

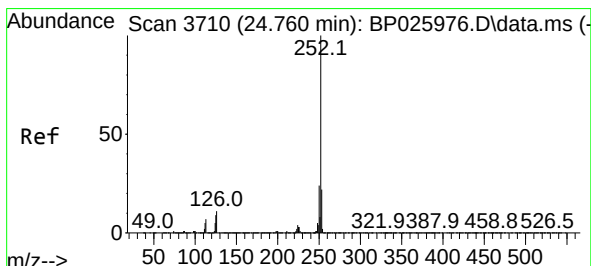
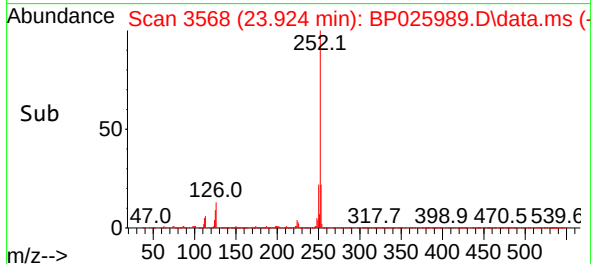
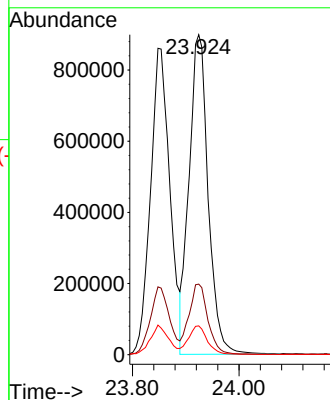
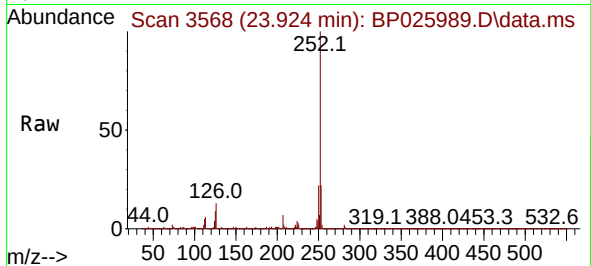




#89
Benzo(k)fluoranthene
Concen: 45.364 ng
RT: 23.924 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

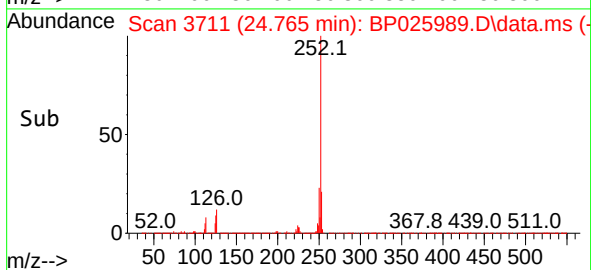
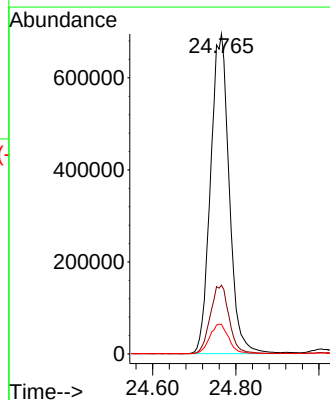
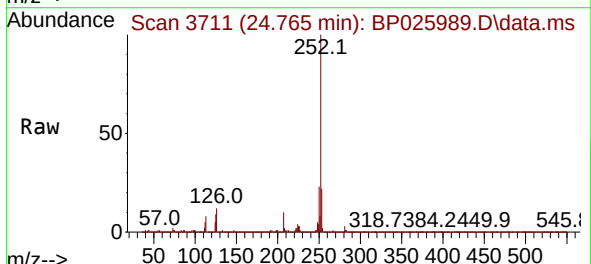
Instrument :
BNA_P
ClientSampleId :
MH-22MSD

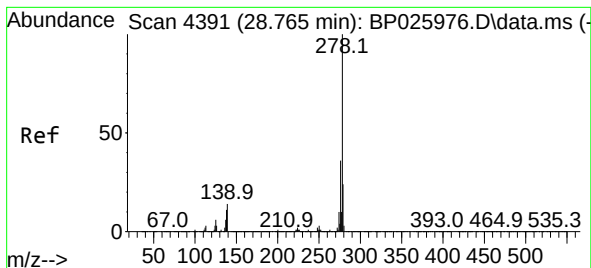
Tgt Ion:252 Resp: 2236003
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.0 6.6 10.0



#90
Benzo(a)pyrene
Concen: 45.782 ng
RT: 24.765 min Scan# 3711
Delta R.T. 0.006 min
Lab File: BP025989.D
Acq: 21 Oct 2025 16:57

Tgt Ion:252 Resp: 2160450
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.3 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 47.729 ng

RT: 28.789 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

MH-22MSD

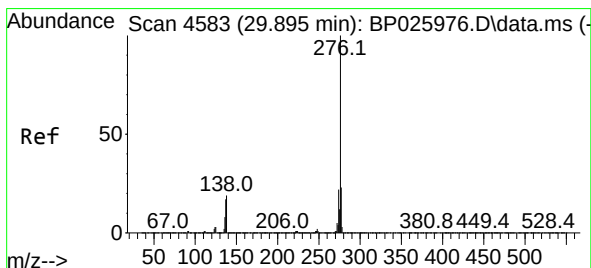
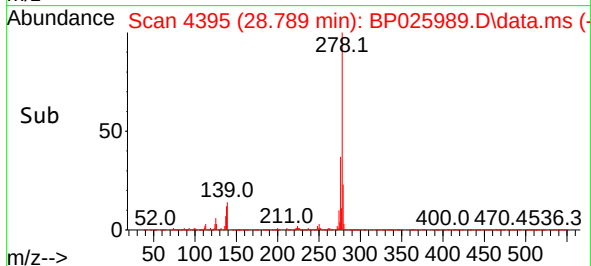
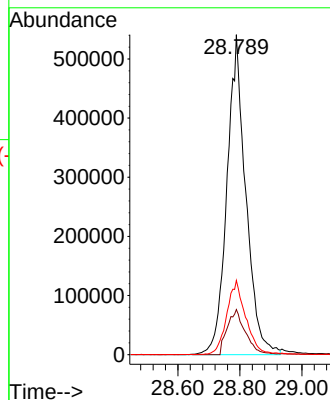
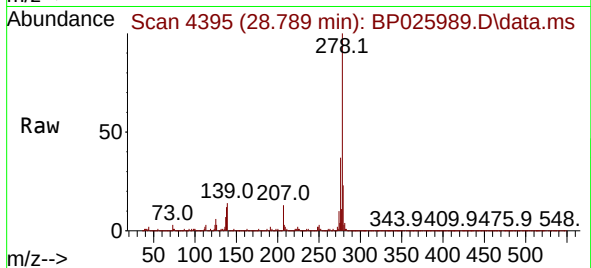
Tgt Ion:278 Resp: 2285619

Ion Ratio Lower Upper

278 100

139 14.1 10.9 16.3

279 23.2 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 48.841 ng

RT: 29.918 min Scan# 4587

Delta R.T. 0.024 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Tgt Ion:276 Resp: 2291593

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 19.5 15.5 23.3

