

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
 Data File : BP025988.D
 Acq On : 21 Oct 2025 16:17
 Operator : RC/JU
 Sample : Q3369-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-22MS

Quant Time: Oct 21 16:37:31 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	7.690	152	144297	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	518198	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	305298	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	586181	20.000	ng	0.00
76) Chrysene-d12	21.577	240	680533	20.000	ng	0.00
86) Perylene-d12	24.907	264	819008	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	966158	109.777	ng	0.00
7) Phenol-d6	6.908	99	1121004	91.270	ng	0.00
23) Nitrobenzene-d5	8.843	82	839789	72.842	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	460173	111.964	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	1730997	72.672	ng	-0.01
79) Terphenyl-d14	19.848	244	2665682	62.602	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	139058	39.888	ng	# 64
3) Pyridine	3.667	79	347634	35.734	ng	98
4) n-Nitrosodimethylamine	3.567	42	187543	43.989	ng	96
6) Aniline	7.037	93	203335	12.366	ng	97
8) 2-Chlorophenol	7.278	128	406662	39.870	ng	98
9) Benzaldehyde	6.861	77	170644	26.036	ng	100
10) Phenol	6.931	94	449379	36.238	ng	97
11) bis(2-Chloroethyl)ether	7.125	93	397399	39.302	ng	98
12) 1,3-Dichlorobenzene	7.584	146	458219	40.521	ng	99
13) 1,4-Dichlorobenzene	7.725	146	468696	40.681	ng	98
14) 1,2-Dichlorobenzene	8.037	146	446306	39.598	ng	99
15) Benzyl Alcohol	7.949	79	383050	36.641	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.202	45	603318	38.747	ng	99
17) 2-Methylphenol	8.160	107	325712	36.644	ng	98
18) Hexachloroethane	8.749	117	175408	39.896	ng	97
19) n-Nitroso-di-n-propyla...	8.490	70	309163	35.310	ng	97
20) 3+4-Methylphenols	8.490	107	430484	34.759	ng	# 88
22) Acetophenone	8.513	105	670021	47.560	ng	98
24) Nitrobenzene	8.884	77	461049	44.970	ng	99
25) Isophorone	9.407	82	839483	40.543	ng	98
26) 2-Nitrophenol	9.590	139	219542	44.217	ng	99
27) 2,4-Dimethylphenol	9.660	122	345153	41.023	ng	97
28) bis(2-Chloroethoxy)met...	9.872	93	509196	42.038	ng	98
29) 2,4-Dichlorophenol	10.154	162	362816	43.278	ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	413411	43.558	ng	96
31) Naphthalene	10.507	128	1183967	42.354	ng	99
32) Benzoic acid	9.866	122	207853	34.092	ng	93
33) 4-Chloroaniline	10.649	127	76481	6.443	ng	97
34) Hexachlorobutadiene	10.784	225	275906	43.926	ng	99
35) Caprolactam	11.454	113	101200	33.922	ng	91
36) 4-Chloro-3-methylphenol	11.790	107	394474	40.079	ng	99
37) 2-Methylnaphthalene	12.119	142	758222	41.428	ng	99
38) 1-Methylnaphthalene	12.337	142	777859	40.293	ng	99
40) 1,2,4,5-Tetrachloroben...	12.496	216	514213	51.724	ng	99
41) Hexachlorocyclopentadiene	12.466	237	479327	81.681	ng	99
43) 2,4,6-Trichlorophenol	12.754	196	291400	46.180	ng	99

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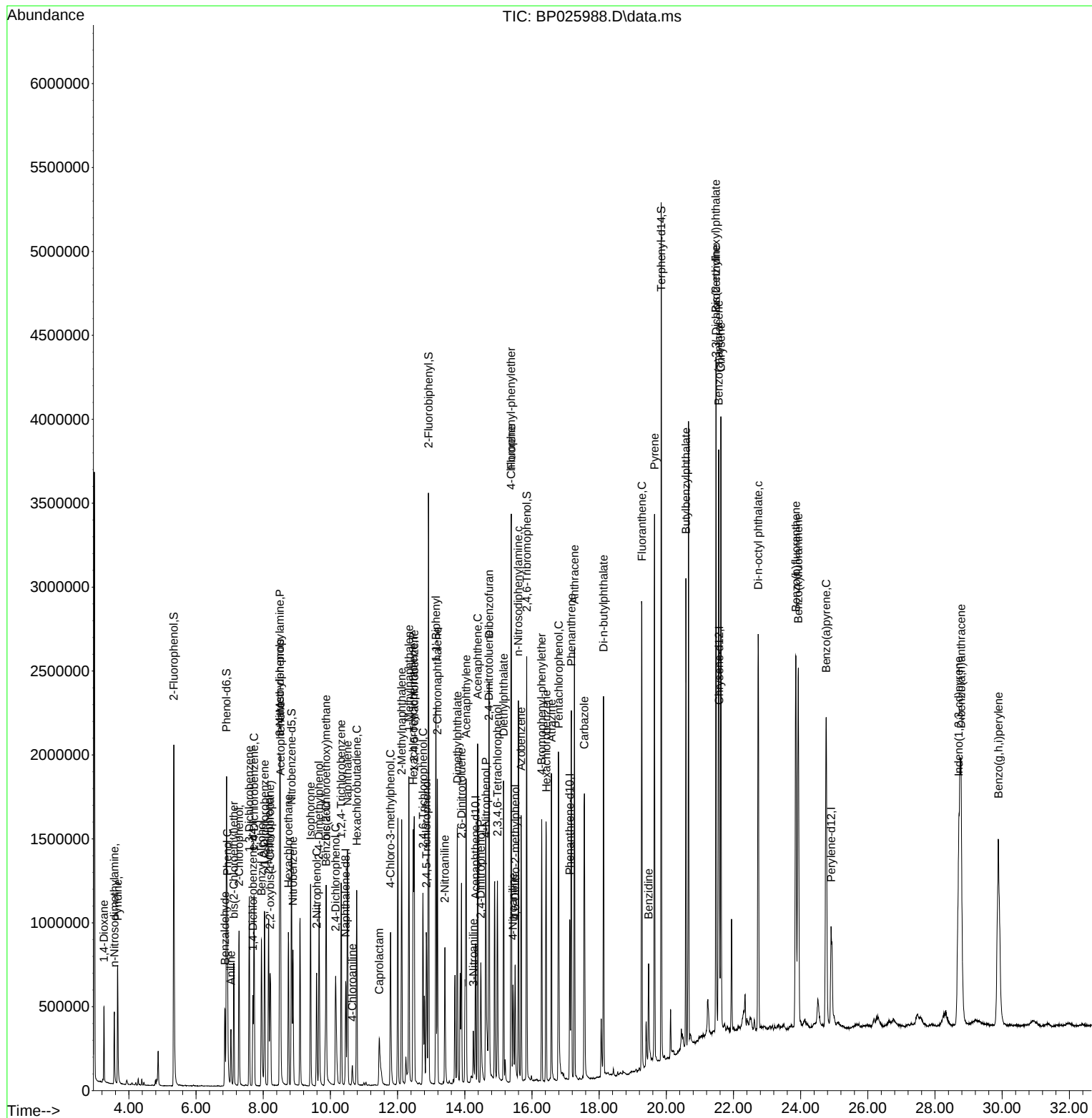
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.854	196	313949	45.690	ng	97
46) 1,1'-Biphenyl	13.143	154	1168302	50.660	ng	99
47) 2-Chloronaphthalene	13.184	162	815381	45.219	ng	98
48) 2-Nitroaniline	13.407	65	265107	47.172	ng	98
49) Acenaphthylene	14.042	152	1339202	45.933	ng	99
50) Dimethylphthalate	13.778	163	1012351	43.870	ng	99
51) 2,6-Dinitrotoluene	13.901	165	216911	43.535	ng	95
52) Acenaphthene	14.384	154	742671	44.112	ng	99
53) 3-Nitroaniline	14.254	138	84706	17.069	ng	96
54) 2,4-Dinitrophenol	14.478	184	206271	62.217	ng	96
55) Dibenzofuran	14.725	168	1188611	44.090	ng	97
56) 4-Nitrophenol	14.631	139	258614	85.932	ng	90
57) 2,4-Dinitrotoluene	14.713	165	309690	45.873	ng	94
58) Fluorene	15.384	166	970620	44.807	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.972	232	270726	43.909	ng	98
60) Diethylphthalate	15.154	149	1006976	44.258	ng	99
61) 4-Chlorophenyl-phenyle...	15.378	204	494026	43.369	ng	99
62) 4-Nitroaniline	15.437	138	191968	41.748	ng	96
63) Azobenzene	15.678	77	967780	45.634	ng	99
65) 4,6-Dinitro-2-methylph...	15.501	198	176387	41.634	ng	94
66) n-Nitrosodiphenylamine	15.595	169	835994	44.328	ng	100
67) 4-Bromophenyl-phenylether	16.289	248	315604	43.621	ng	96
68) Hexachlorobenzene	16.425	284	354673	43.697	ng	99
69) Atrazine	16.584	200	325439	47.833	ng	99
70) Pentachlorophenol	16.795	266	439269	100.246	ng	97
71) Phenanthrene	17.172	178	1488179	44.794	ng	99
72) Anthracene	17.266	178	1524287	44.916	ng	100
73) Carbazole	17.560	167	1454708	48.626	ng	100
74) Di-n-butylphthalate	18.130	149	1831607	49.749	ng	100
75) Fluoranthene	19.272	202	1865316	49.774	ng	99
77) Benzidine	19.472	184	505856	23.199	ng	100
78) Pyrene	19.648	202	1954147	38.933	ng	100
80) Butylbenzylphthalate	20.583	149	903906	45.254	ng	99
81) Benzo(a)anthracene	21.560	228	2145656	46.099	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	380572	22.976	ng	100
83) Chrysene	21.624	228	2024127	45.482	ng	99
84) Bis(2-ethylhexyl)phtha...	21.477	149	1349016	48.922	ng	100
85) Di-n-octyl phthalate	22.736	149	2457517	52.194	ng	99
87) Indeno(1,2,3-cd)pyrene	28.706	276	2897368	46.963	ng	# 66
88) Benzo(b)fluoranthene	23.860	252	2240593	43.927	ng	99
89) Benzo(k)fluoranthene	23.930	252	2324443	44.903	ng	100
90) Benzo(a)pyrene	24.760	252	2202915	44.449	ng	100
91) Dibenzo(a,h)anthracene	28.777	278	2377766	47.279	ng	99
92) Benzo(g,h,i)perylene	29.889	276	2360850	47.910	ng	97

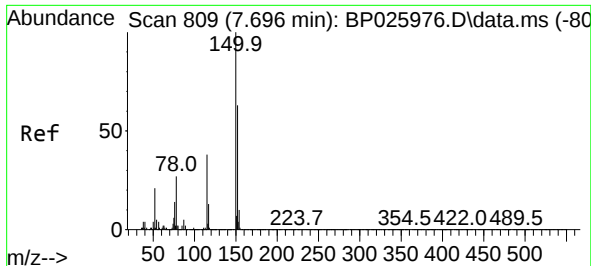
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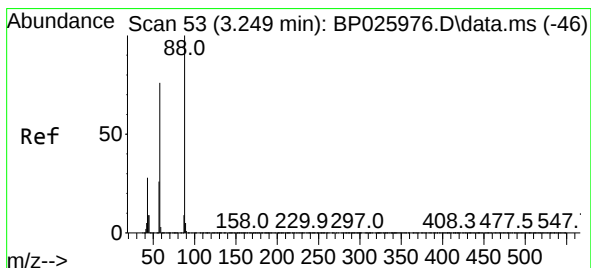
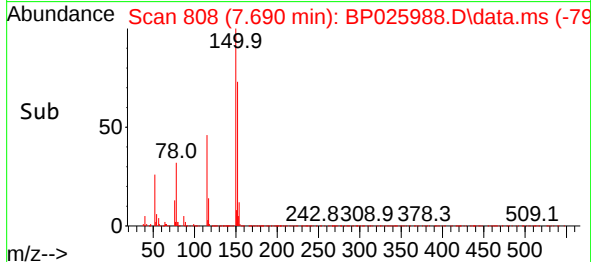
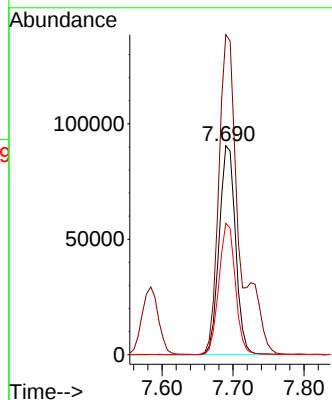
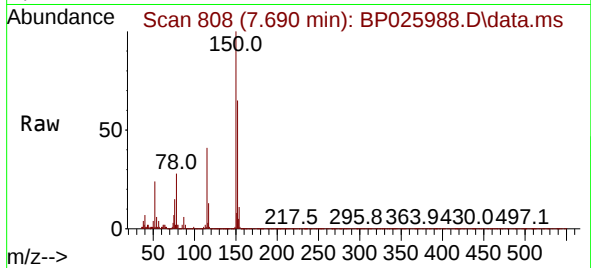




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.690 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP025988.D
 Acq: 21 Oct 2025 16:17

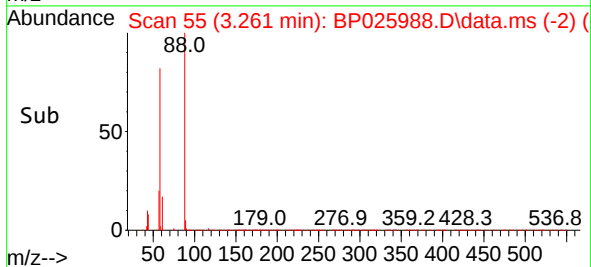
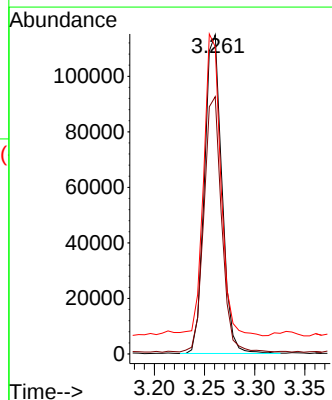
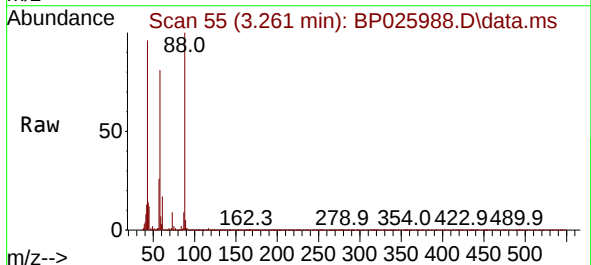
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 ClientSampleId :
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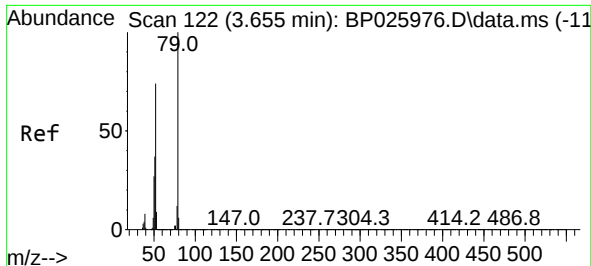
Tgt Ion:152 Resp: 144297
 Ion Ratio Lower Upper
 152 100
 150 153.2 127.3 190.9
 115 62.9 48.7 73.1



#2
 1,4-Dioxane
 Concen: 39.888 ng
 RT: 3.261 min Scan# 55
 Delta R.T. 0.012 min
 Lab File: BP025988.D
 Acq: 21 Oct 2025 16:17

Tgt Ion: 88 Resp: 139058
 Ion Ratio Lower Upper
 88 100
 58 81.5 61.9 92.9
 43 92.7 22.6 33.8

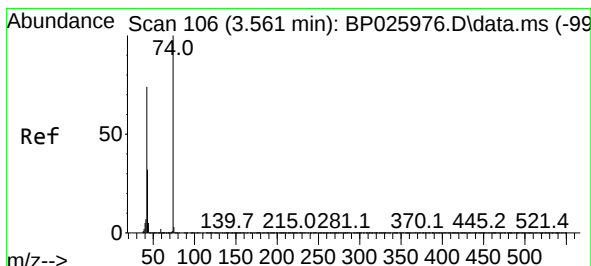
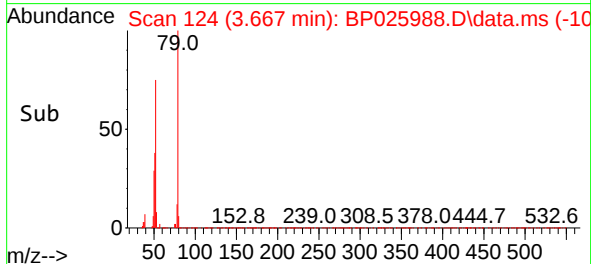
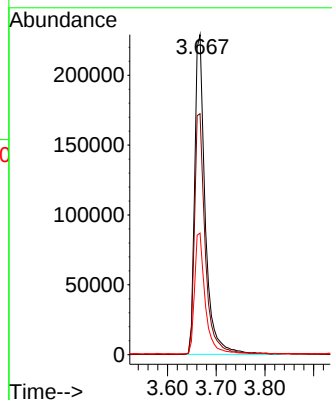
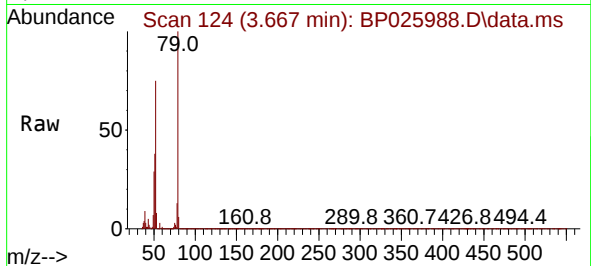




#3
Pyridine
Concen: 35.734 ng
RT: 3.667 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

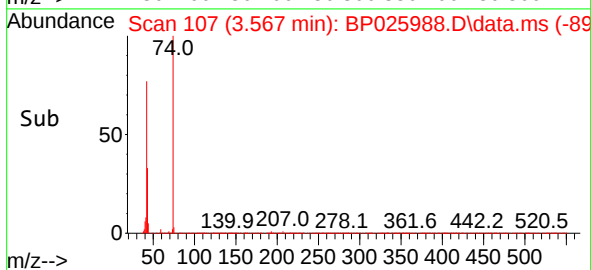
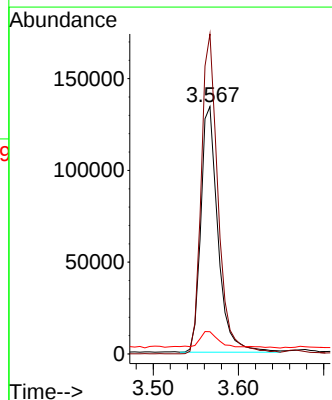
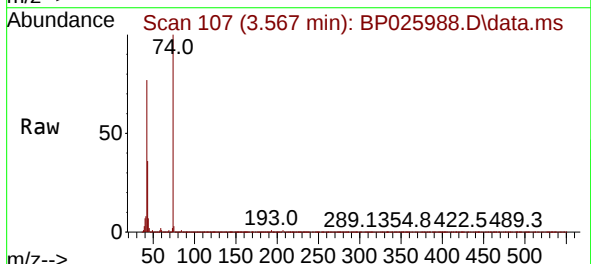
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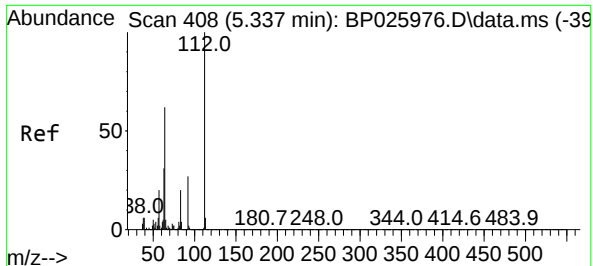
Tgt Ion: 79 Resp: 347634
Ion Ratio Lower Upper
79 100
52 75.3 59.0 88.4
51 38.0 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 43.989 ng
RT: 3.567 min Scan# 107
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion: 42 Resp: 187543
Ion Ratio Lower Upper
42 100
74 129.3 107.4 161.0
44 9.0 6.0 9.0

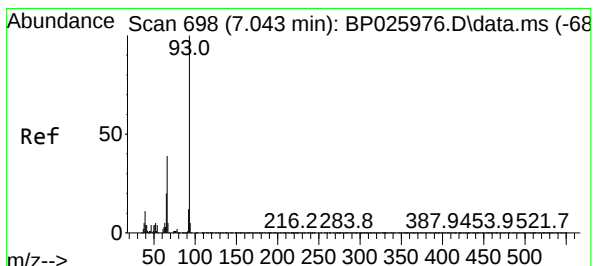
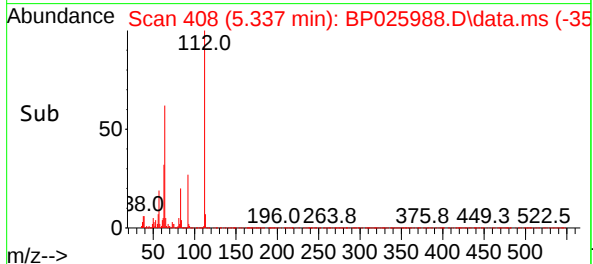
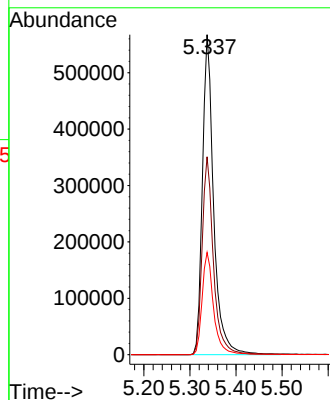
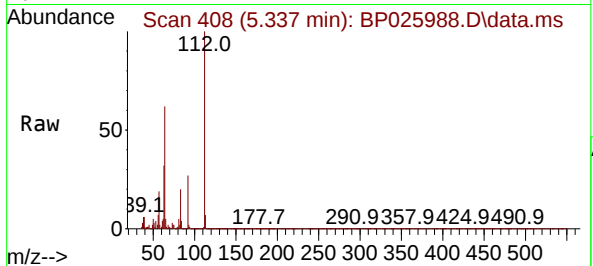




#5
2-Fluorophenol
Concen: 109.777 ng
RT: 5.337 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

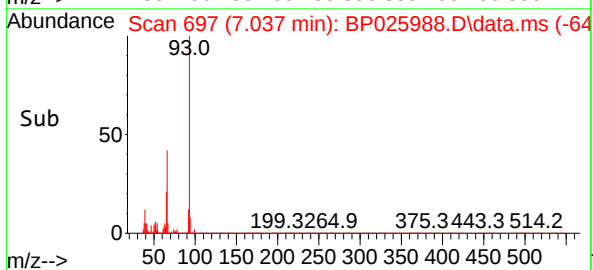
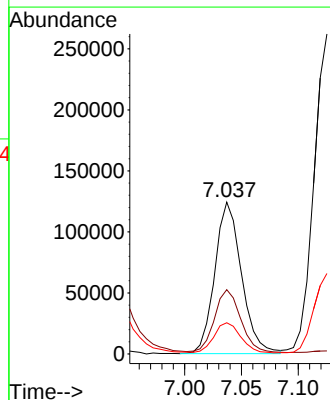
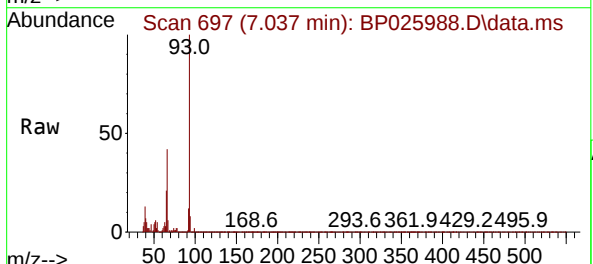
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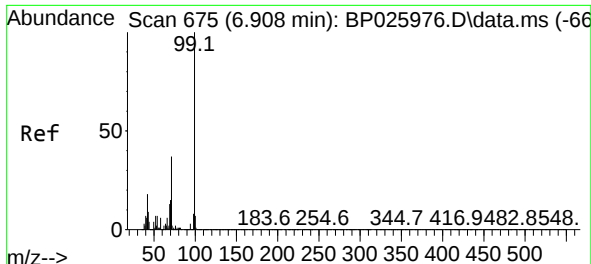
Tgt Ion:112 Resp: 966158
Ion Ratio Lower Upper
112 100
64 61.8 49.9 74.9
63 31.9 24.9 37.3



#6
Aniline
Concen: 12.366 ng
RT: 7.037 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion: 93 Resp: 203335
Ion Ratio Lower Upper
93 100
66 42.4 31.8 47.8
65 20.5 16.3 24.5

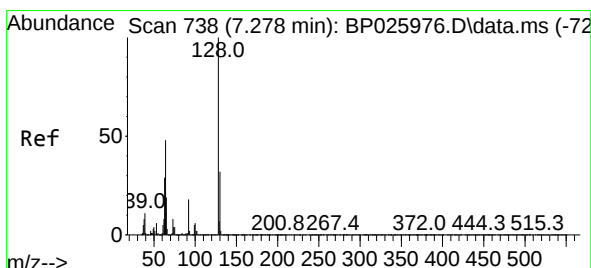
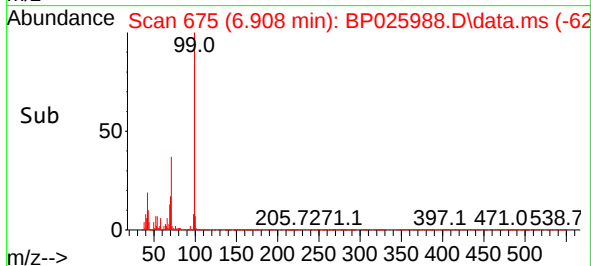
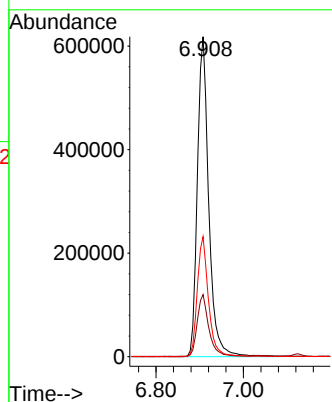
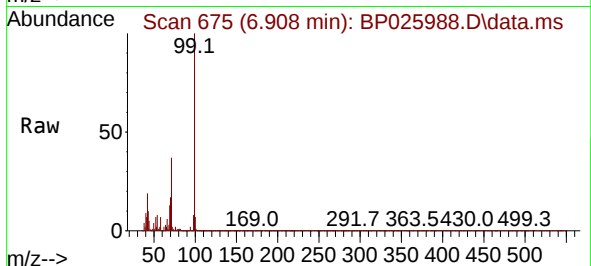




#7
Phenol-d6
Concen: 91.270 ng
RT: 6.908 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

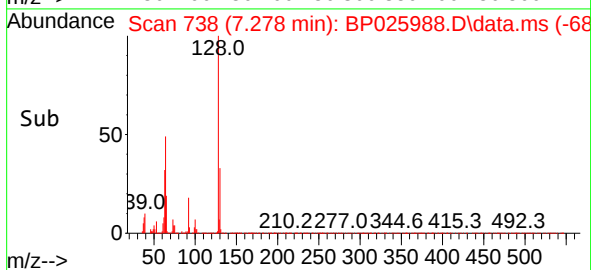
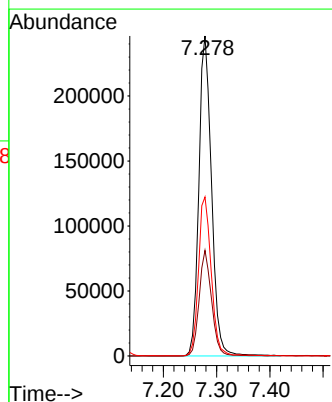
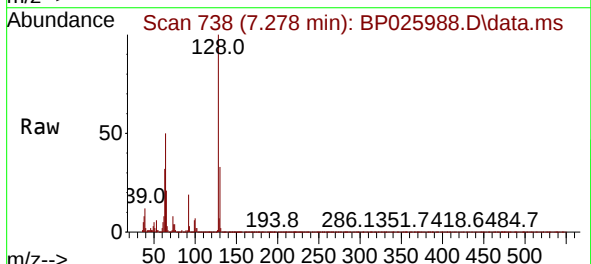
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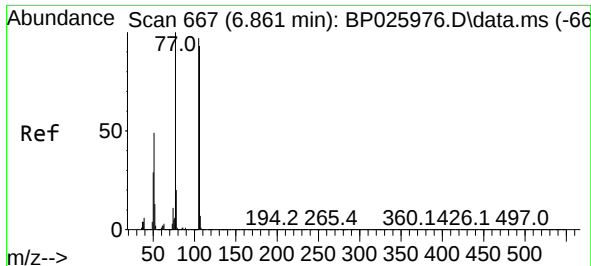
Tgt Ion: 99 Resp: 1121004
Ion Ratio Lower Upper
99 100
42 19.4 14.2 21.4
71 37.5 29.4 44.0



#8
2-Chlorophenol
Concen: 39.870 ng
RT: 7.278 min Scan# 738
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion: 128 Resp: 406662
Ion Ratio Lower Upper
128 100
130 33.0 11.8 51.8
64 49.7 28.0 68.0

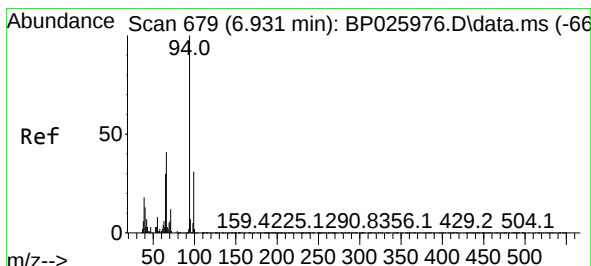
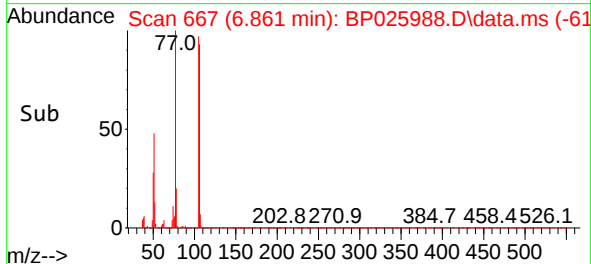
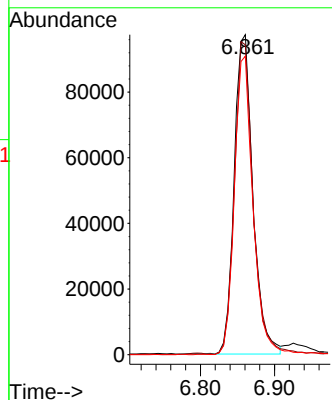
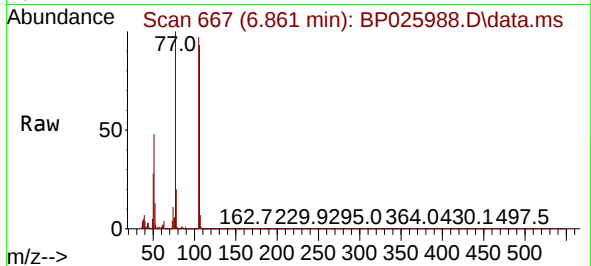




#9
Benzaldehyde
Concen: 26.036 ng
RT: 6.861 min Scan# 667
Delta R.T. 0.000 min
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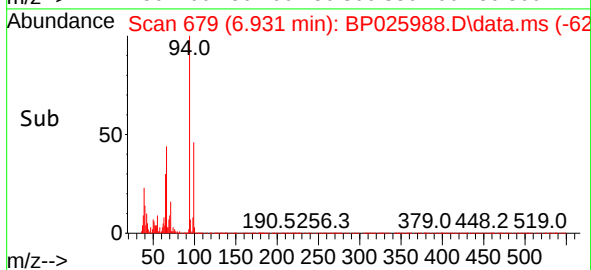
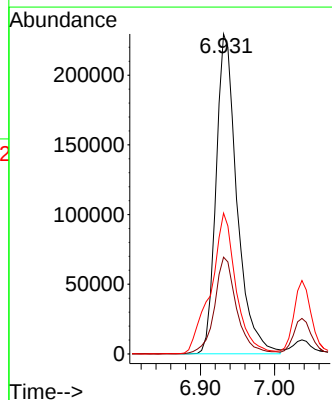
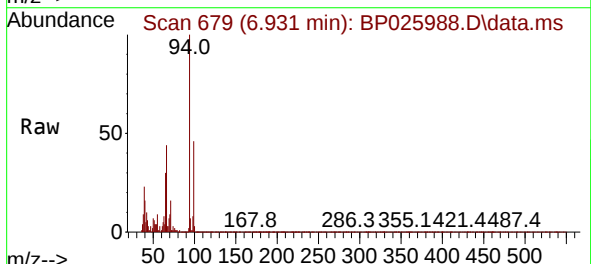
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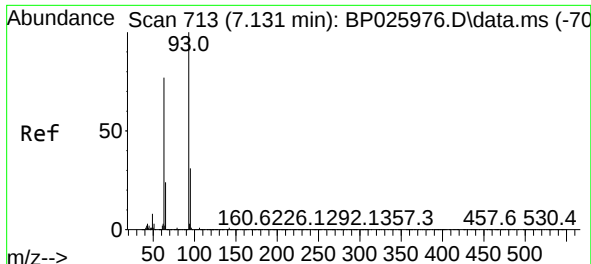
Tgt Ion: 77 Resp: 170644
Ion Ratio Lower Upper
77 100
105 96.8 76.6 116.6
106 93.3 73.2 113.2



#10
Phenol
Concen: 36.238 ng
RT: 6.931 min Scan# 679
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion: 94 Resp: 449379
Ion Ratio Lower Upper
94 100
65 30.3 9.8 49.8
66 44.0 21.4 61.4

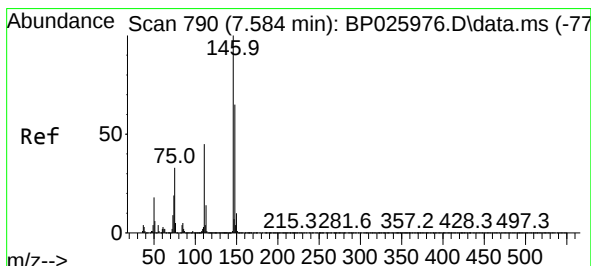
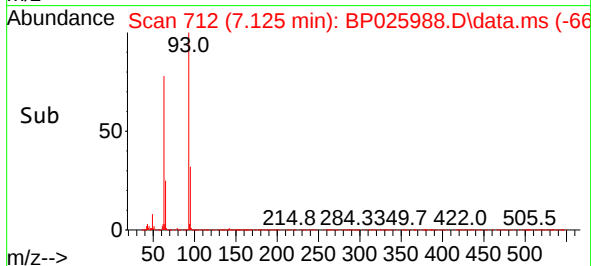
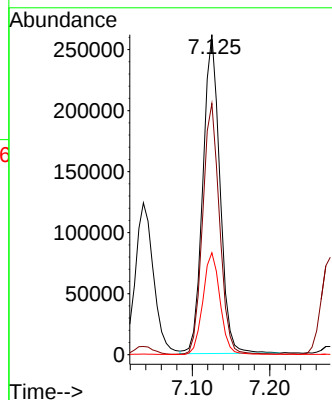
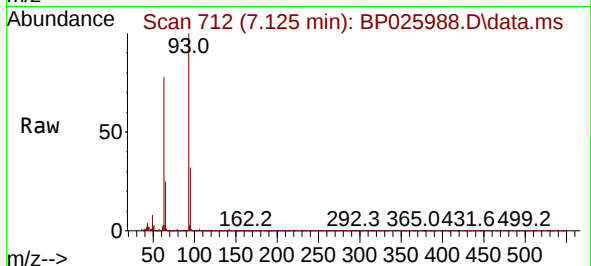




#11
bis(2-Chloroethyl)ether
Concen: 39.302 ng
RT: 7.125 min Scan# 713
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

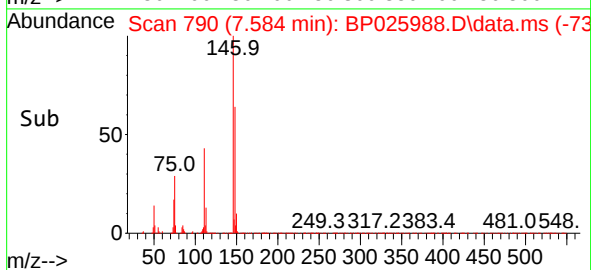
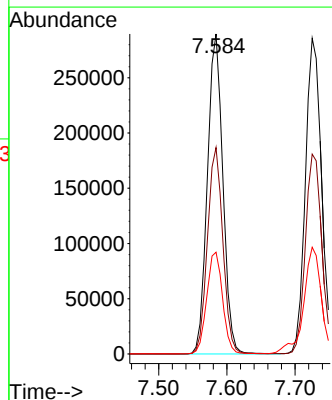
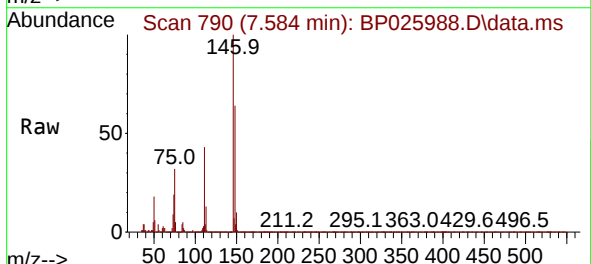
Instrument :
BNA_P
ClientSampleId :
MH-22MS

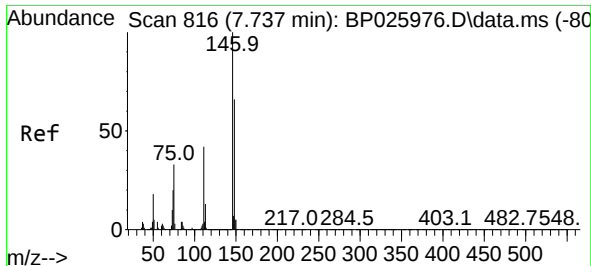
Tgt Ion: 93 Resp: 397399
Ion Ratio Lower Upper
93 100
63 78.5 56.6 96.6
95 31.9 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 40.521 ng
RT: 7.584 min Scan# 790
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:146 Resp: 458219
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
75 31.8 26.1 39.1

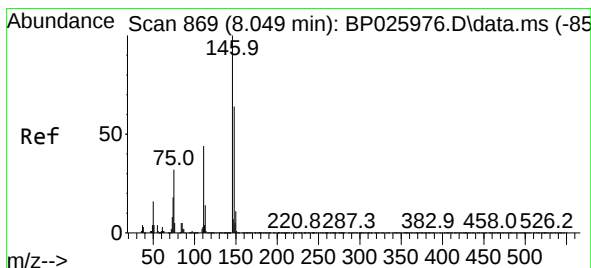
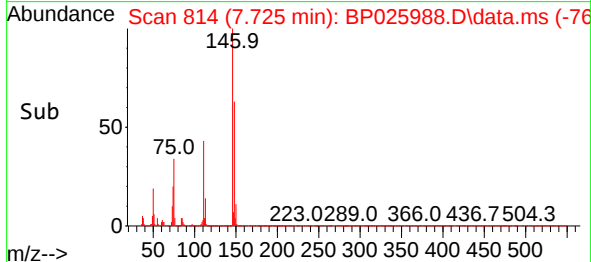
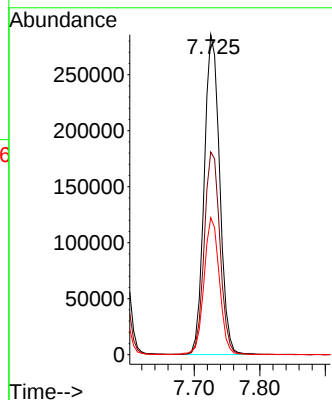
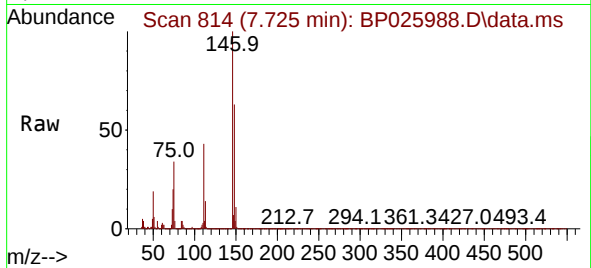




#13
1,4-Dichlorobenzene
Concen: 40.681 ng
RT: 7.725 min Scan# 816
Delta R.T. -0.012 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

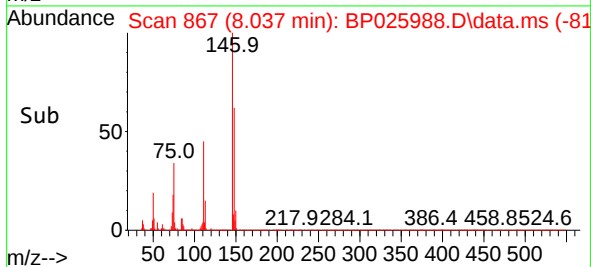
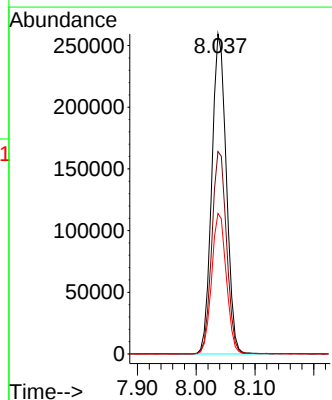
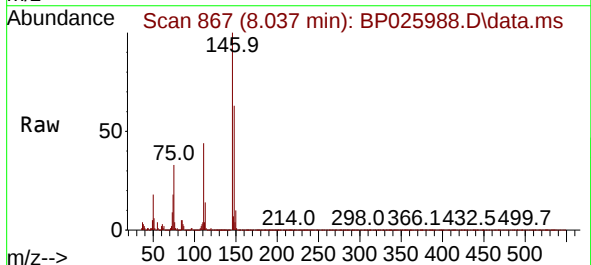
Instrument :
BNA_P
ClientSampleId :
MH-22MS

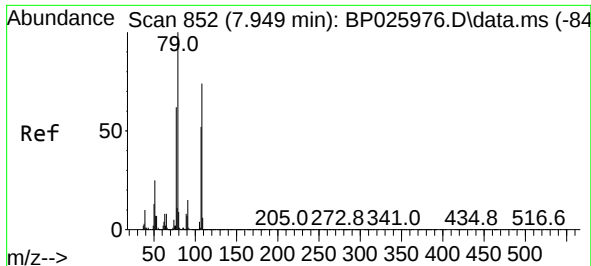
Tgt Ion:146 Resp: 468696
Ion Ratio Lower Upper
146 100
148 63.3 52.7 79.1
111 42.8 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 39.598 ng
RT: 8.037 min Scan# 867
Delta R.T. -0.012 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:146 Resp: 446306
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 43.9 35.3 52.9

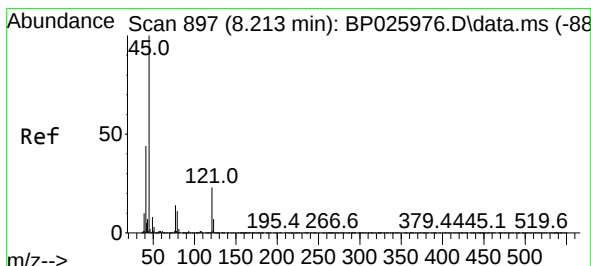
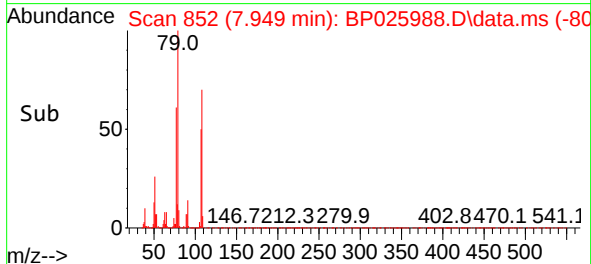
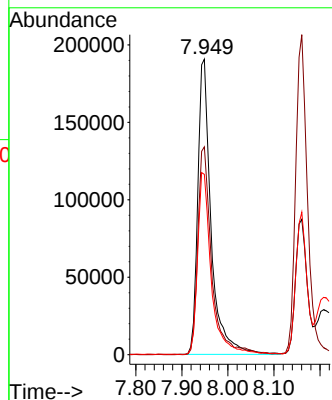
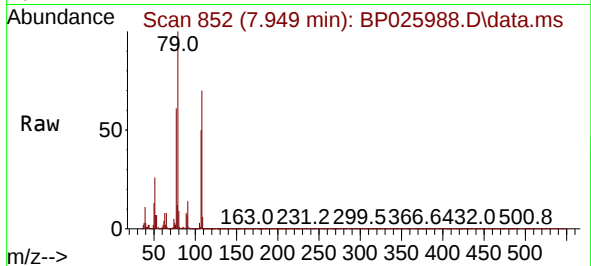




#15
Benzyl Alcohol
Concen: 36.641 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

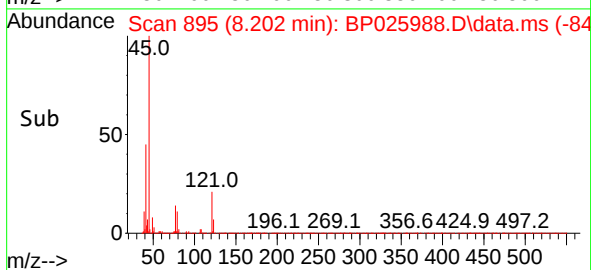
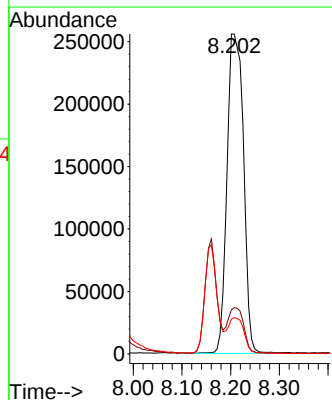
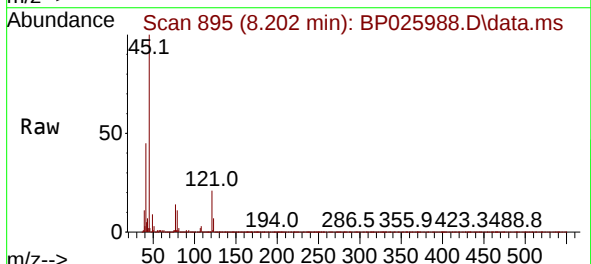
Instrument :
BNA_P
ClientSampleId :
MH-22MS

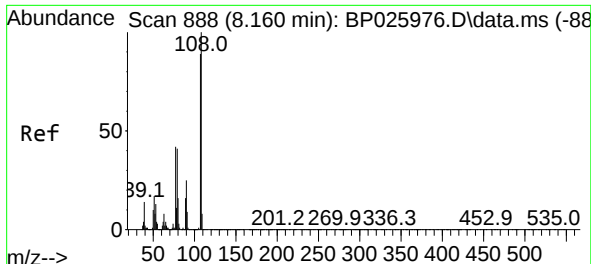
Tgt Ion: 79 Resp: 383050
Ion Ratio Lower Upper
79 100
108 70.3 59.2 88.8
77 61.0 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.747 ng
RT: 8.202 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion: 45 Resp: 603318
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.3
79 10.9 0.0 31.5

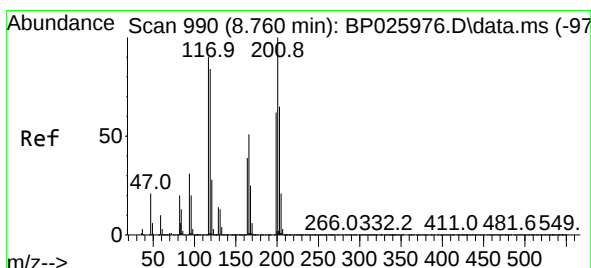
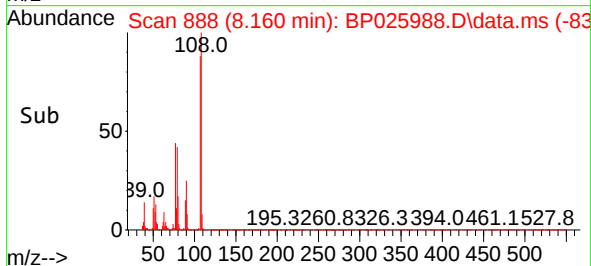
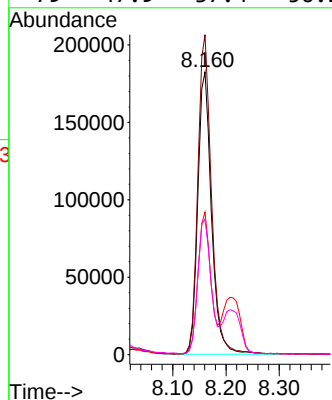
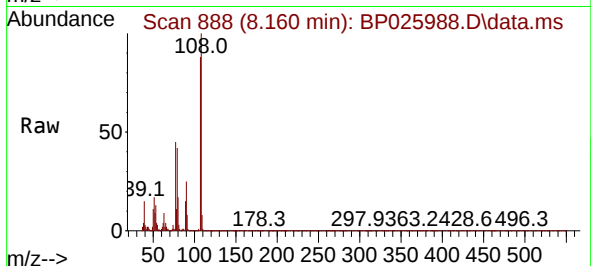




#17
2-Methylphenol
Concen: 36.644 ng
RT: 8.160 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

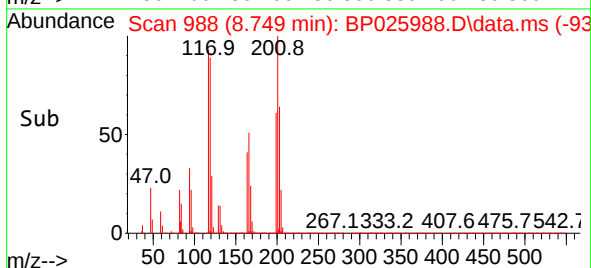
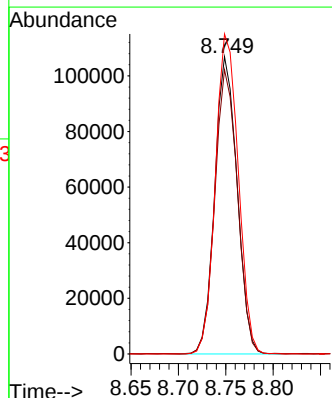
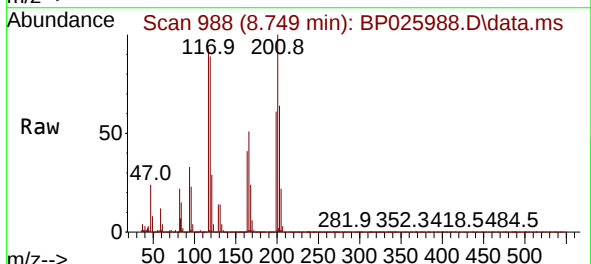
Instrument :
BNA_P
ClientSampleId :
MH-22MS

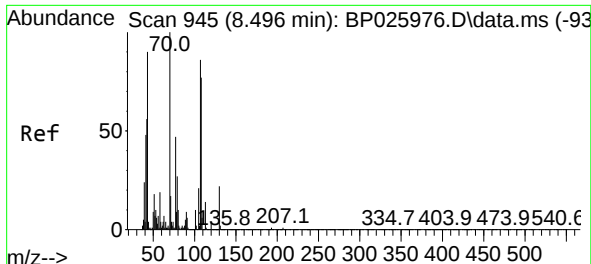
Tgt Ion:	107	Resp:	325712
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.5	134.3
77	50.4	38.1	57.1
79	47.9	37.4	56.2



#18
Hexachloroethane
Concen: 39.896 ng
RT: 8.749 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:	117	Resp:	175408
Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.6	112.0
201	107.6	88.6	133.0

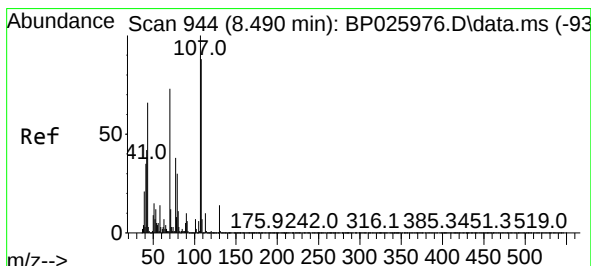
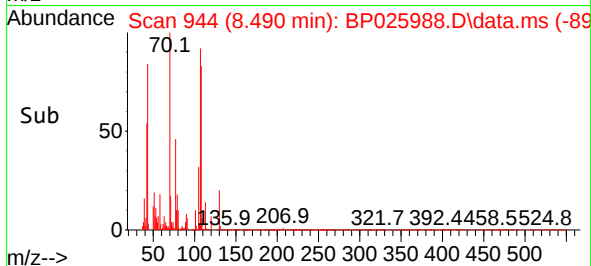
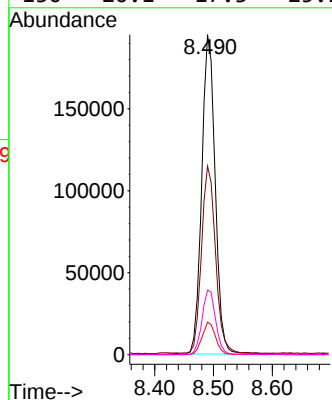
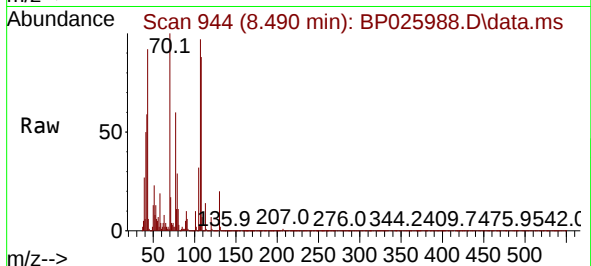




#19
n-Nitroso-di-n-propylamine
Concen: 35.310 ng
RT: 8.490 min Scan# 945
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

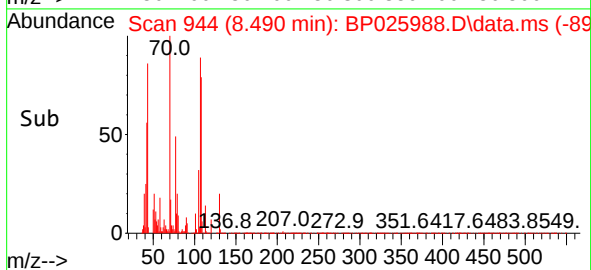
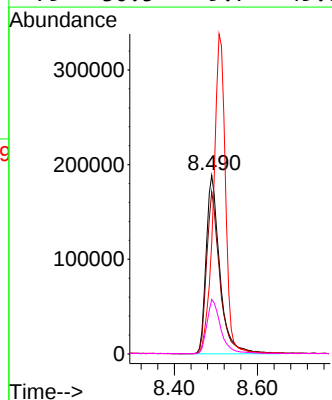
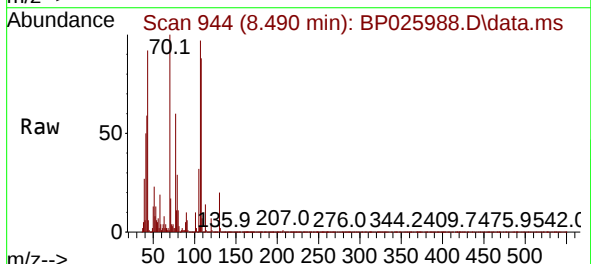
Instrument :
BNA_P
ClientSampleId :
MH-22MS

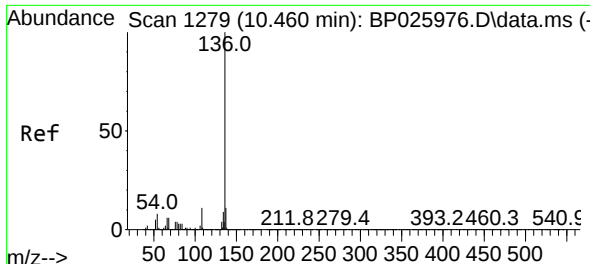
Tgt Ion:	70	Resp:	309163
Ion	Ratio	Lower	Upper
70	100		
42	58.9	45.2	67.8
101	10.2	7.9	11.9
130	20.1	17.3	25.9



#20
3+4-Methylphenols
Concen: 34.759 ng
RT: 8.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:	107	Resp:	430484
Ion	Ratio	Lower	Upper
107	100		
108	90.8	67.8	107.8
77	62.3	18.5	58.5#
79	30.5	9.7	49.7

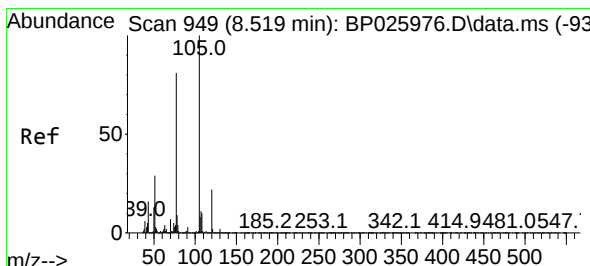
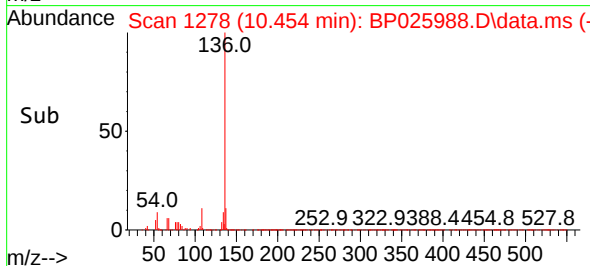
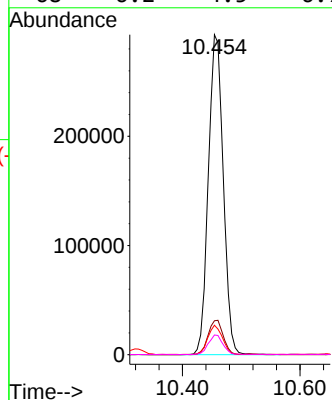
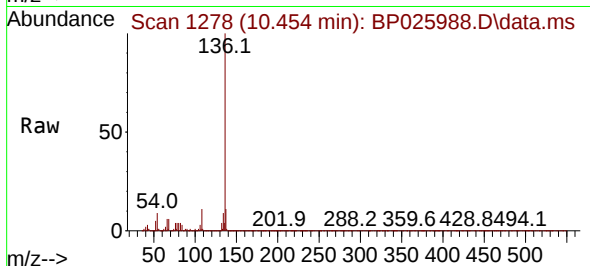




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

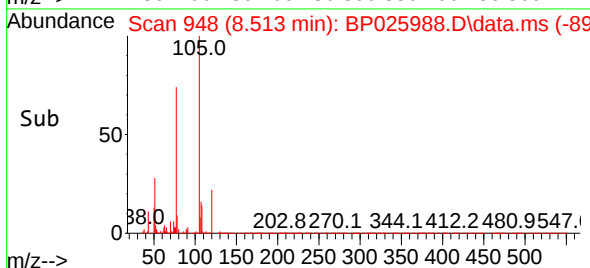
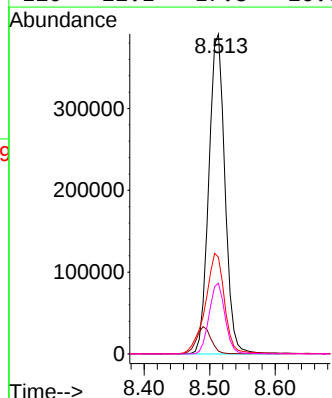
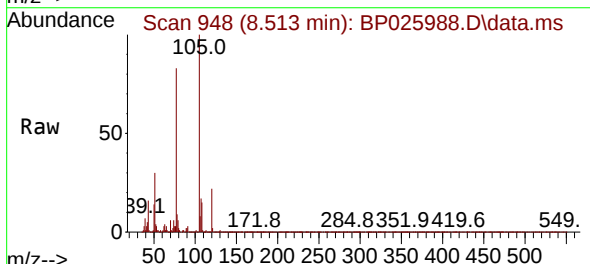
Instrument :
BNA_P
ClientSampleId :
MH-22MS

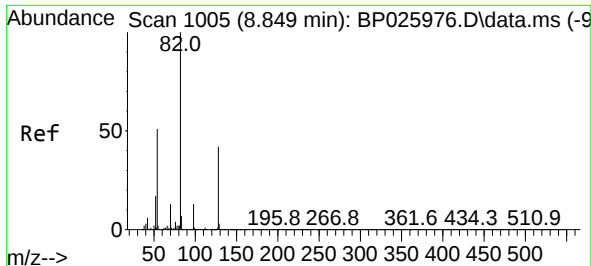
Tgt Ion:	136	Resp:	518198
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.2	6.8	10.2
68	6.2	4.5	6.7



#22
Acetophenone
Concen: 47.560 ng
RT: 8.513 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:	105	Resp:	670021
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.9	1.3
51	30.2	23.0	34.4
120	22.1	17.8	26.6

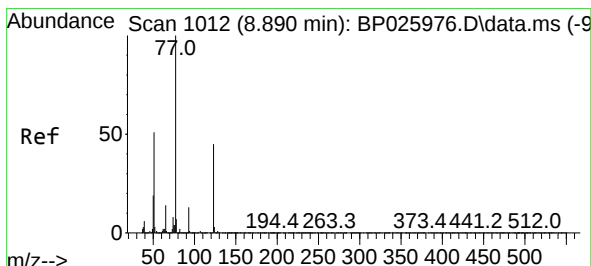
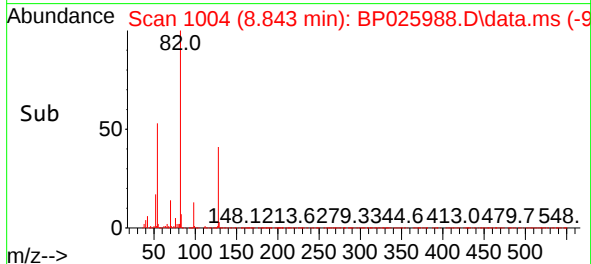
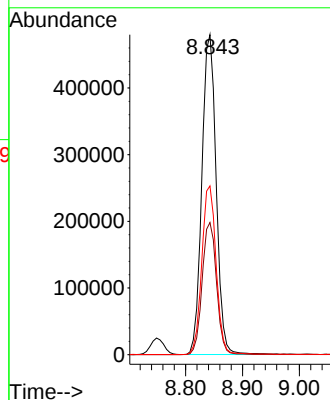
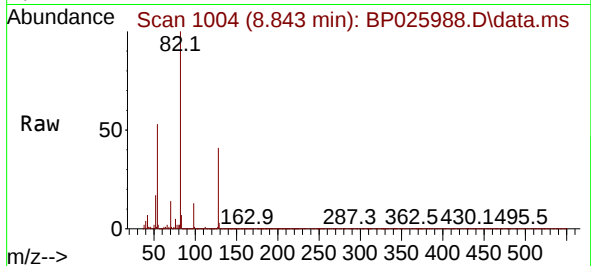




#23
Nitrobenzene-d5
Concen: 72.842 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

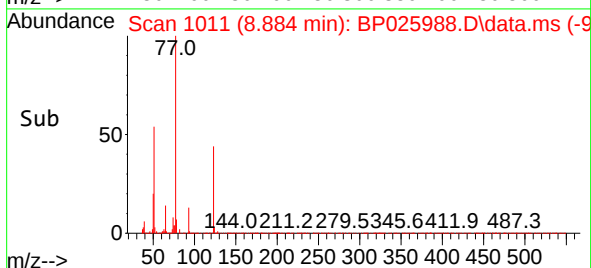
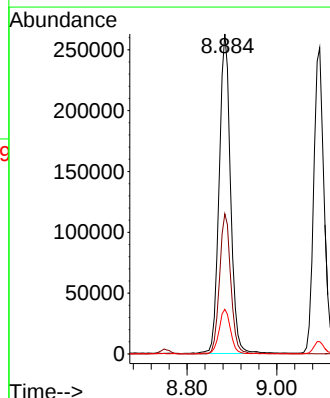
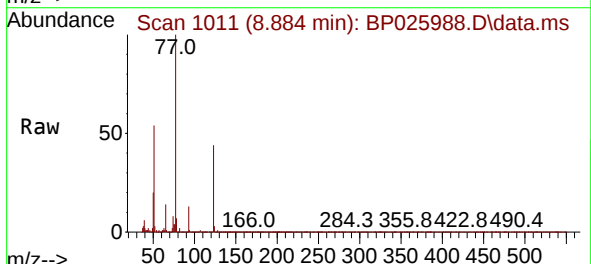
Instrument :
BNA_P
ClientSampleId :
MH-22MS

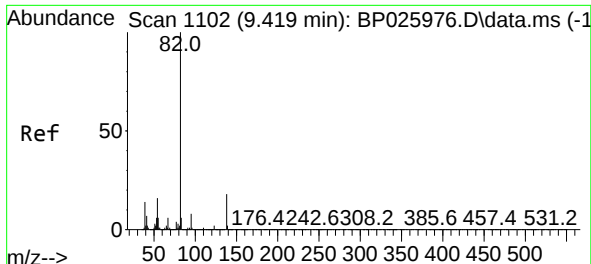
Tgt Ion: 82 Resp: 839789
Ion Ratio Lower Upper
82 100
128 41.3 33.6 50.4
54 52.8 40.6 61.0



#24
Nitrobenzene
Concen: 44.970 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion: 77 Resp: 461049
Ion Ratio Lower Upper
77 100
123 43.8 35.6 53.4
65 13.9 11.1 16.7

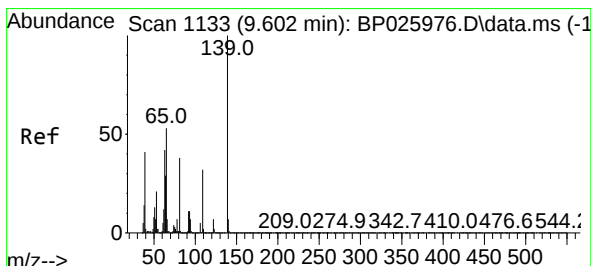
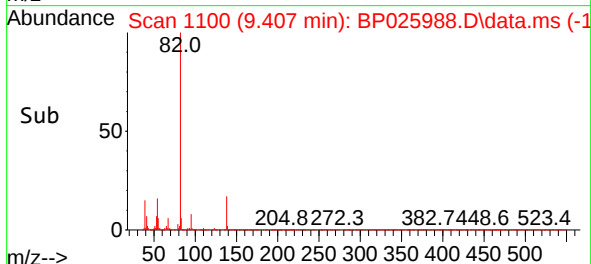
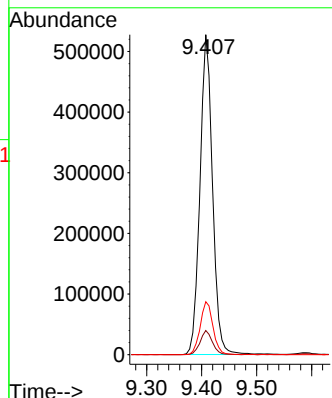
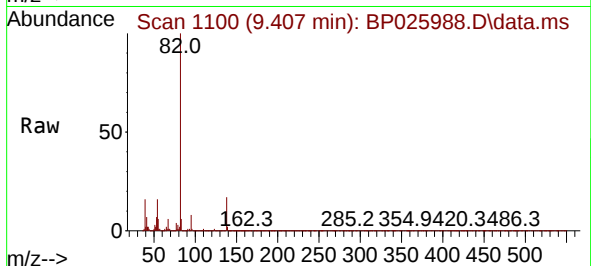




#25
Isophorone
Concen: 40.543 ng
RT: 9.407 min Scan# 1102
Delta R.T. -0.012 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

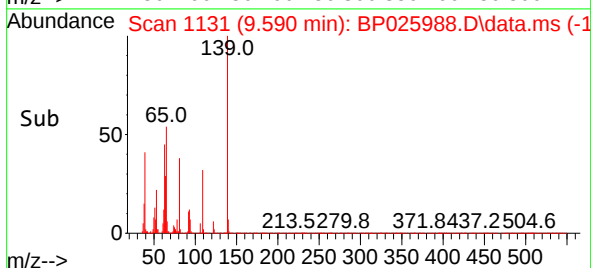
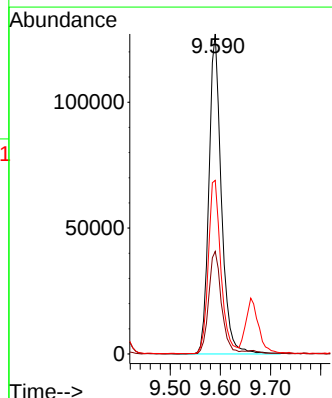
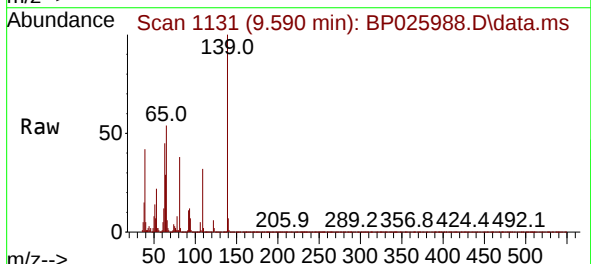
Instrument :
BNA_P
ClientSampleId :
MH-22MS

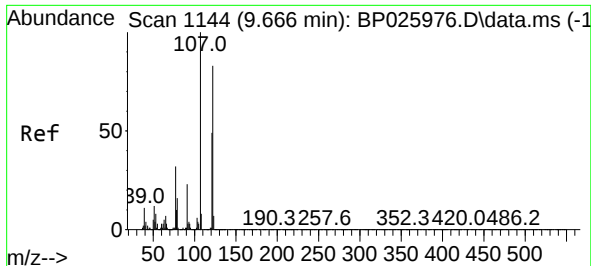
Tgt Ion: 82 Resp: 839483
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 16.5 14.2 21.2



#26
2-Nitrophenol
Concen: 44.217 ng
RT: 9.590 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion: 139 Resp: 219542
Ion Ratio Lower Upper
139 100
109 32.0 25.9 38.9
65 54.3 42.4 63.6

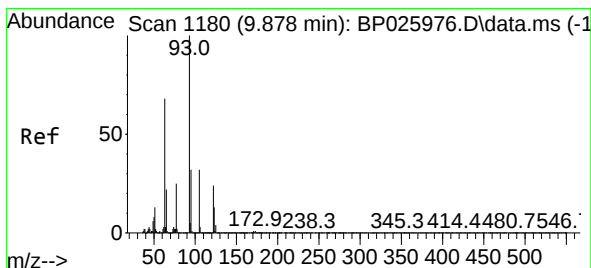
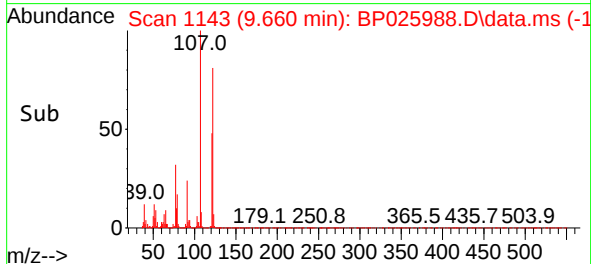
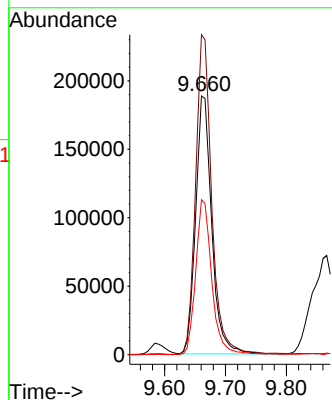
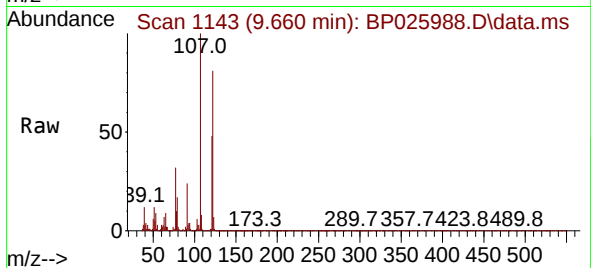




#27
2,4-Dimethylphenol
Concen: 41.023 ng
RT: 9.660 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

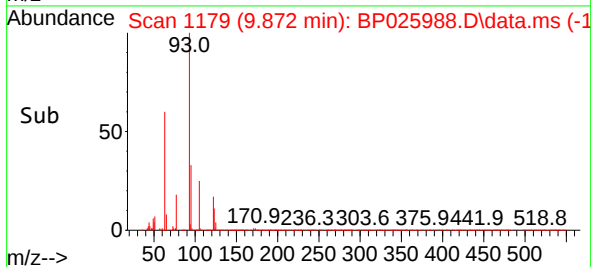
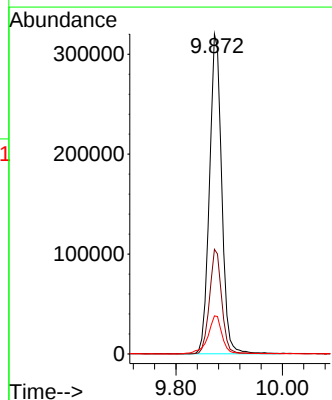
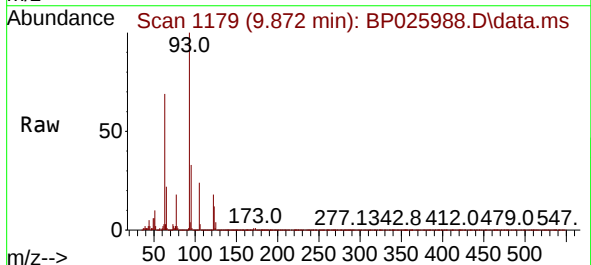
Instrument :
BNA_P
ClientSampleId :
MH-22MS

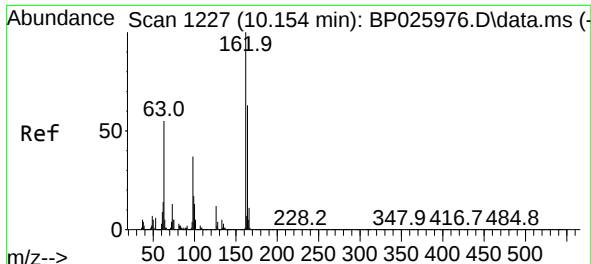
Tgt Ion:122 Resp: 345153
Ion Ratio Lower Upper
122 100
107 123.7 95.9 143.9
121 59.9 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.038 ng
RT: 9.872 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion: 93 Resp: 509196
Ion Ratio Lower Upper
93 100
95 32.7 25.3 37.9
123 11.9 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 43.278 ng

RT: 10.154 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MH-22MS

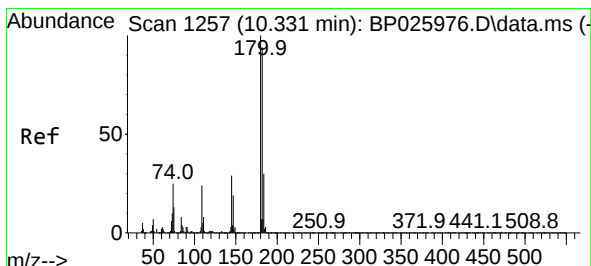
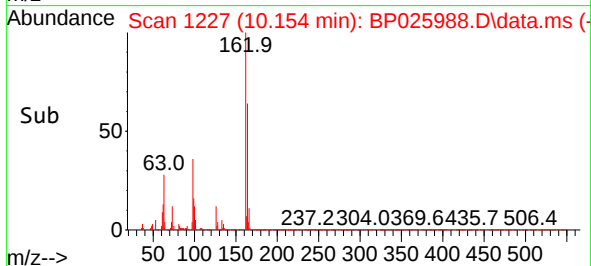
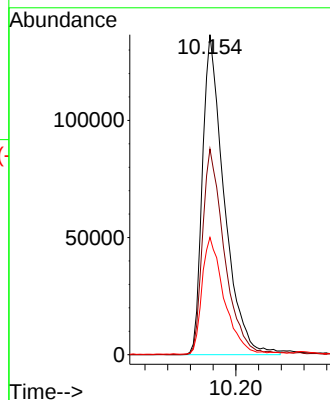
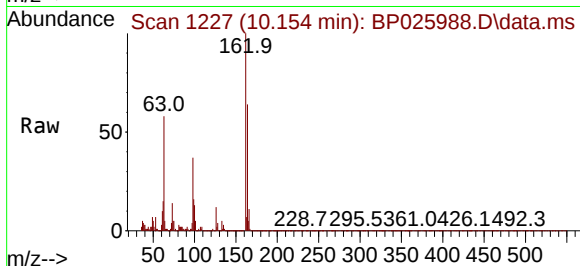
Tgt Ion:162 Resp: 362816

Ion Ratio Lower Upper

162 100

164 64.3 43.4 83.4

98 36.6 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 43.558 ng

RT: 10.319 min Scan# 1255

Delta R.T. -0.012 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

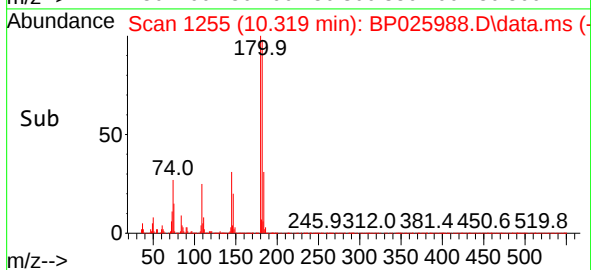
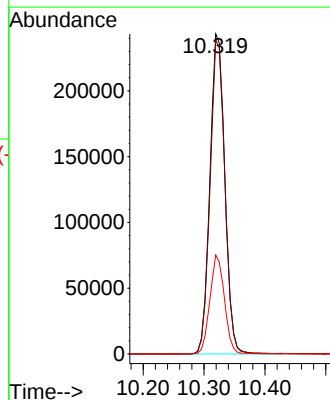
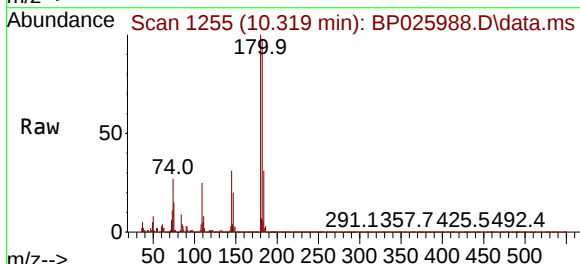
Tgt Ion:180 Resp: 413411

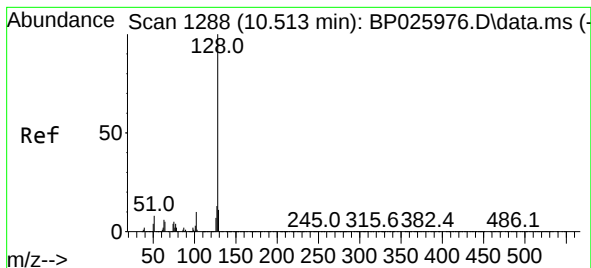
Ion Ratio Lower Upper

180 100

182 98.0 75.3 112.9

145 30.9 23.4 35.2

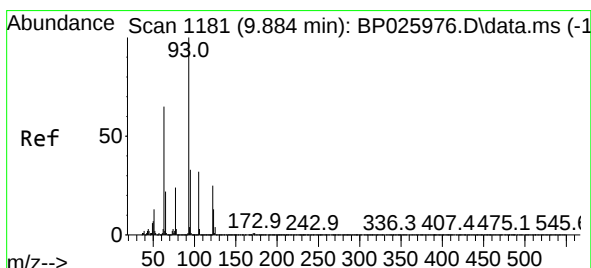
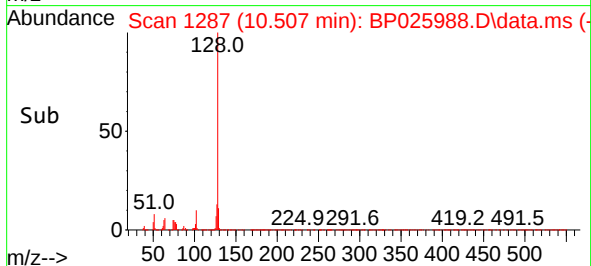
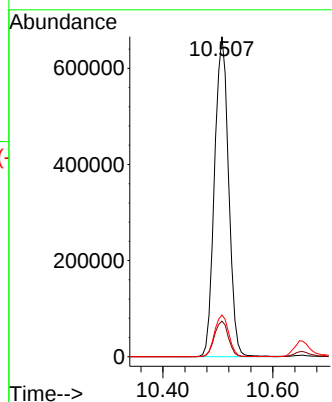
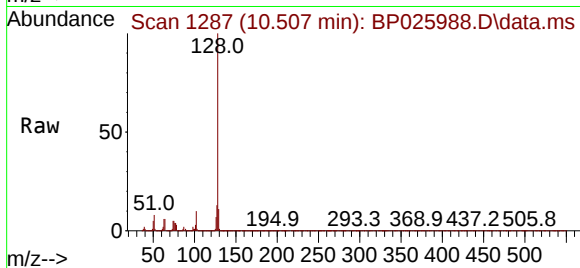




#31
Naphthalene
Concen: 42.354 ng
RT: 10.507 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

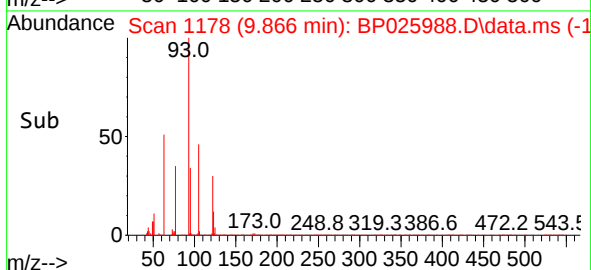
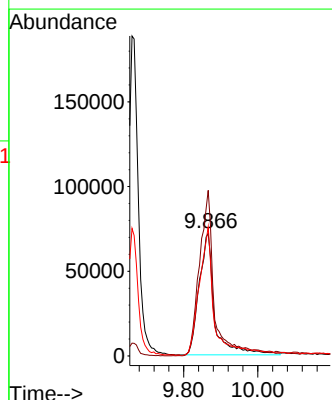
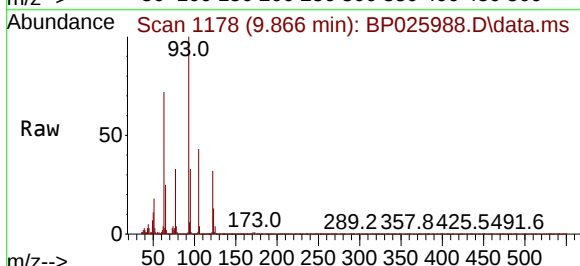
Instrument :
BNA_P
ClientSampleId :
MH-22MS

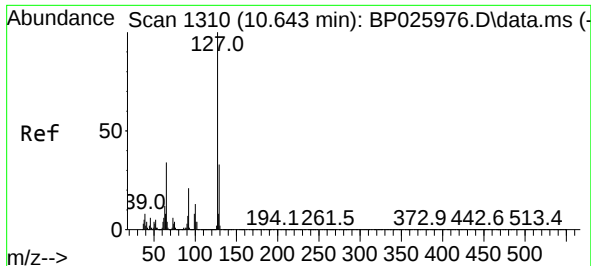
Tgt Ion:128 Resp: 1183967
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 34.092 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.018 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:122 Resp: 207853
Ion Ratio Lower Upper
122 100
105 135.0 107.4 147.4
77 105.3 77.0 117.0

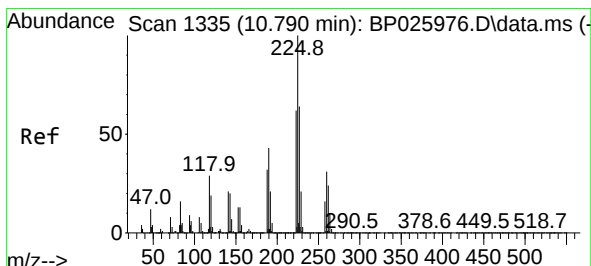
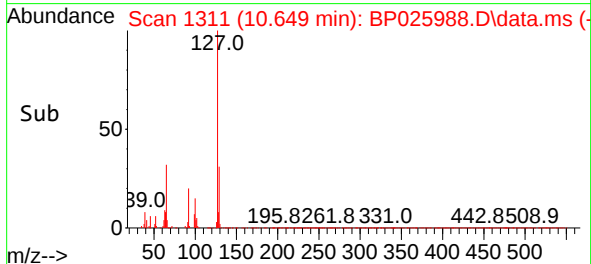
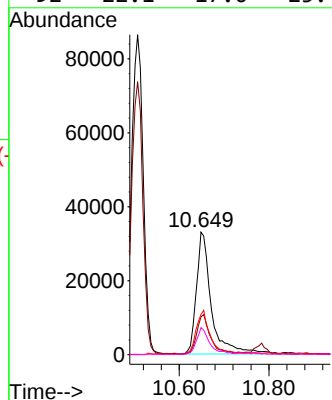
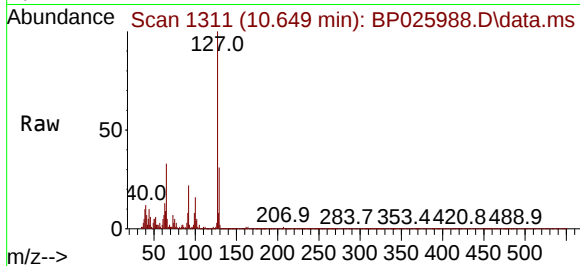




#33
4-Chloroaniline
Concen: 6.443 ng
RT: 10.649 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

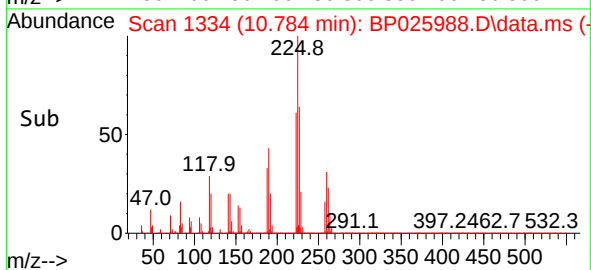
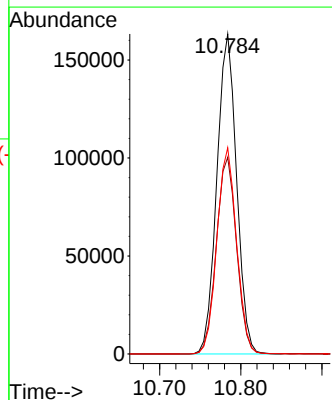
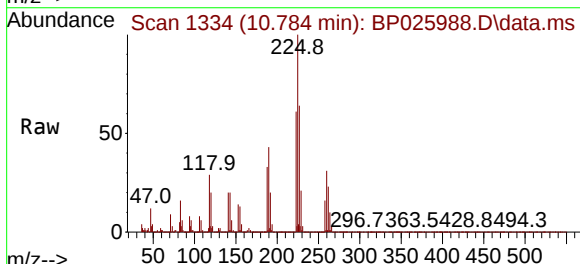
Instrument :
BNA_P
ClientSampleId :
MH-22MS

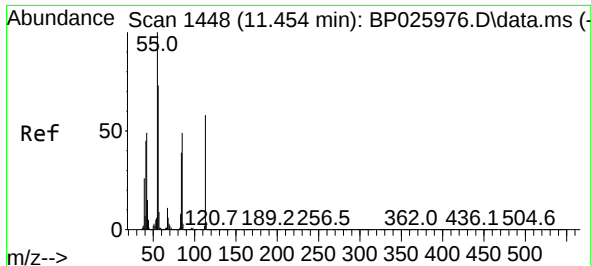
Tgt Ion:	127	Resp:	76481
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.4
65	32.9	27.2	40.8
92	22.1	17.0	25.4



#34
Hexachlorobutadiene
Concen: 43.926 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:	225	Resp:	275906
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.8	74.8
227	64.5	51.4	77.2

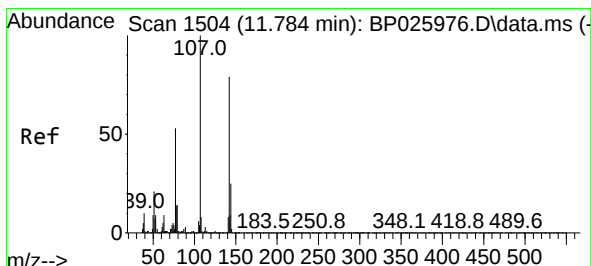
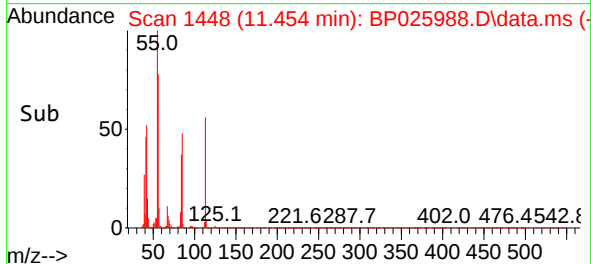
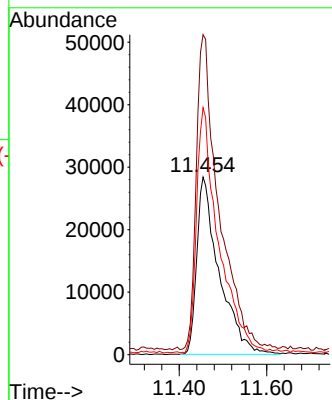
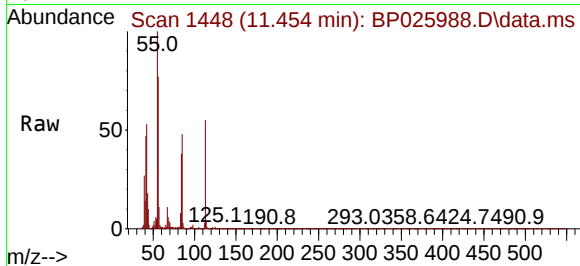




#35
Caprolactam
Concen: 33.922 ng
RT: 11.454 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

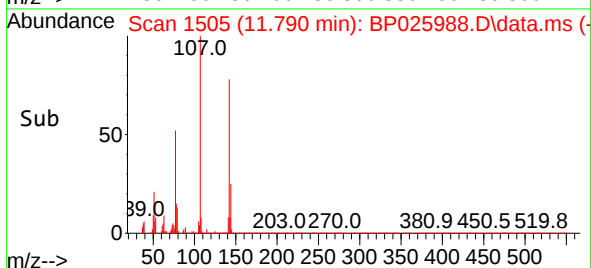
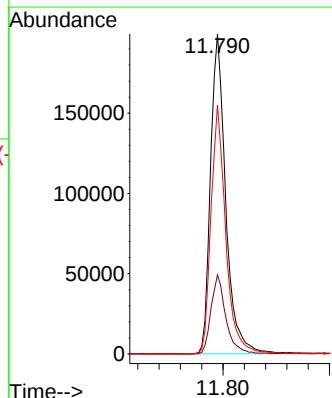
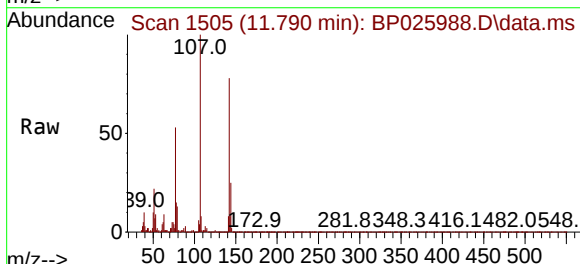
Instrument :
BNA_P
ClientSampleId :
MH-22MS

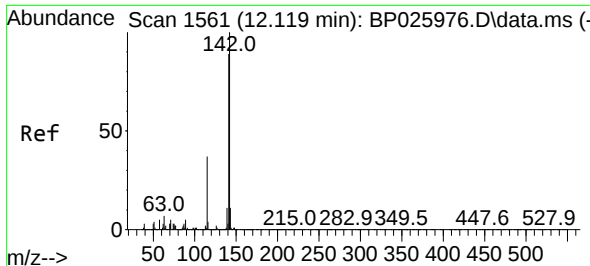
Tgt Ion:113 Resp: 101200
Ion Ratio Lower Upper
113 100
55 180.2 151.8 191.8
56 139.2 104.6 144.6



#36
4-Chloro-3-methylphenol
Concen: 40.079 ng
RT: 11.790 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:107 Resp: 394474
Ion Ratio Lower Upper
107 100
144 24.7 20.3 30.5
142 77.8 63.0 94.4

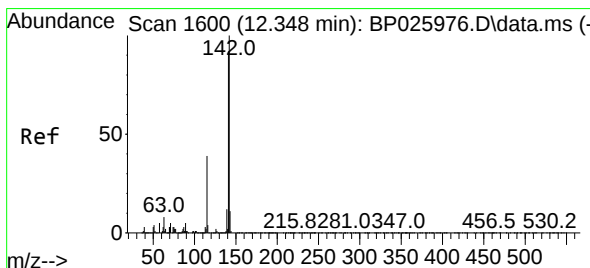
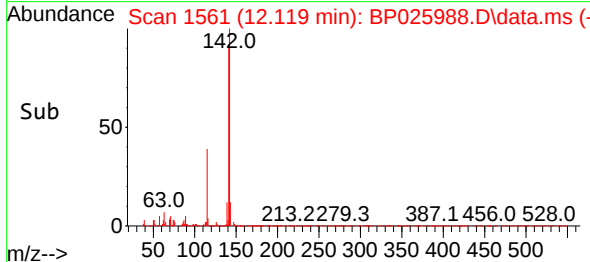
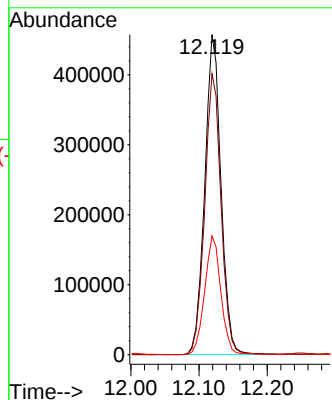
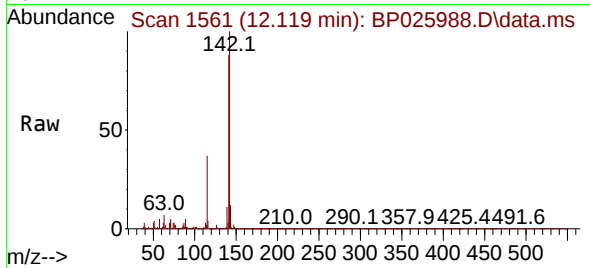




#37
2-Methylnaphthalene
Concen: 41.428 ng
RT: 12.119 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

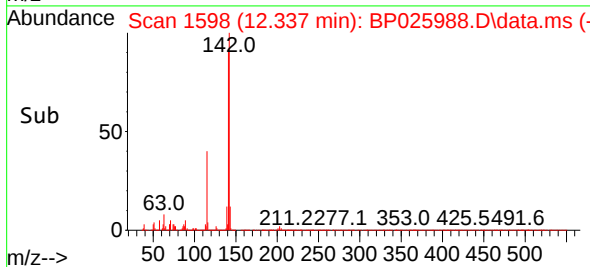
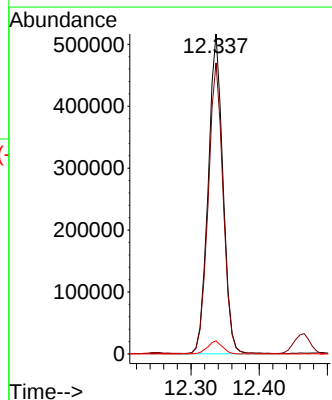
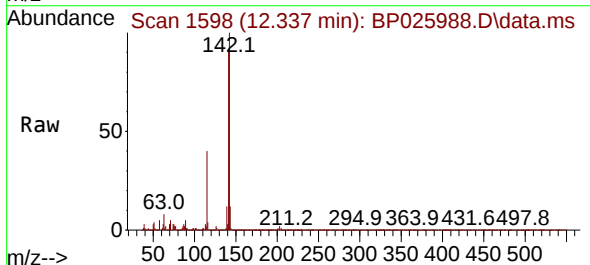
Instrument :
BNA_P
ClientSampleId :
MH-22MS

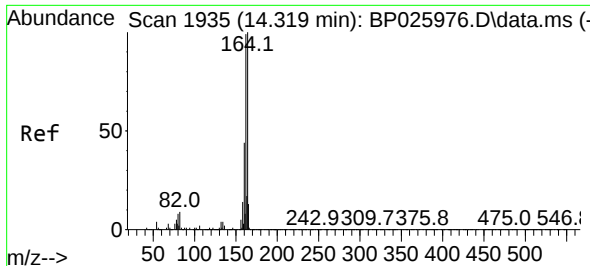
Tgt Ion:142 Resp: 758222
Ion Ratio Lower Upper
142 100
141 87.8 70.9 106.3
115 37.0 29.9 44.9



#38
1-Methylnaphthalene
Concen: 40.293 ng
RT: 12.337 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:142 Resp: 777859
Ion Ratio Lower Upper
142 100
141 91.0 73.7 110.5
116 4.1 3.2 4.8

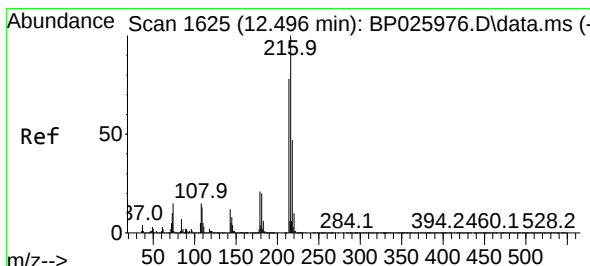
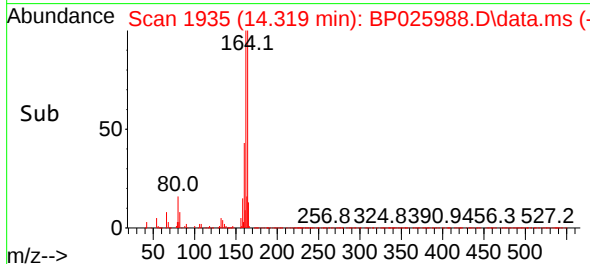
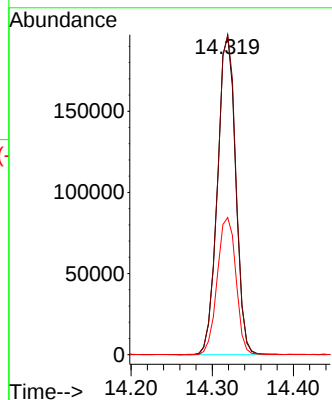
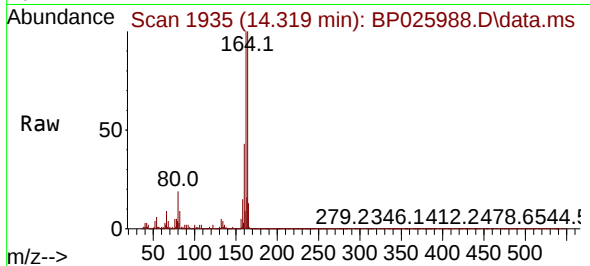




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

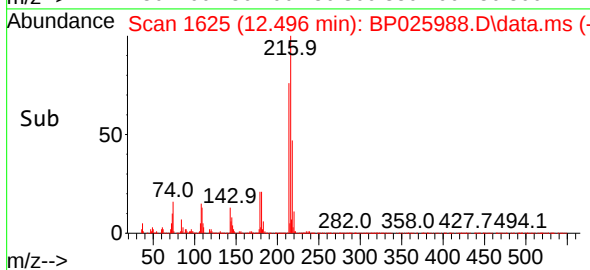
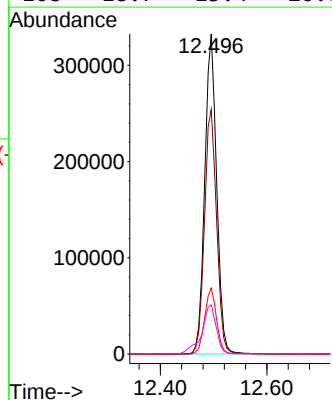
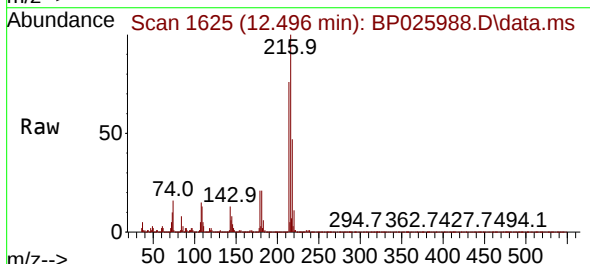
Instrument :
BNA_P
ClientSampleId :
MH-22MS

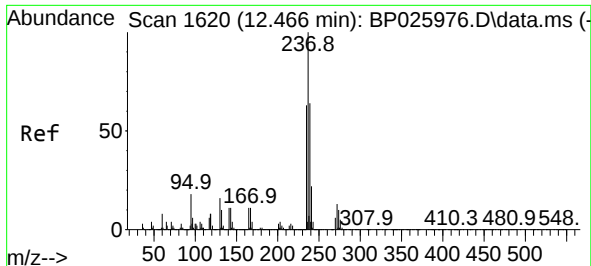
Tgt Ion:164 Resp: 305298
Ion Ratio Lower Upper
164 100
162 100.4 79.3 118.9
160 43.0 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.724 ng
RT: 12.496 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:216 Resp: 514213
Ion Ratio Lower Upper
216 100
214 78.0 62.6 94.0
179 20.6 16.5 24.7
108 18.7 13.4 20.0

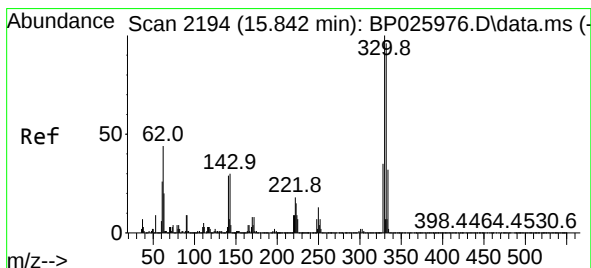
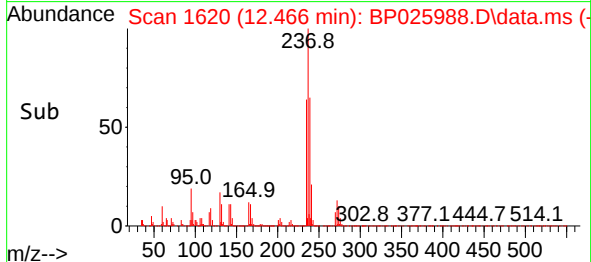
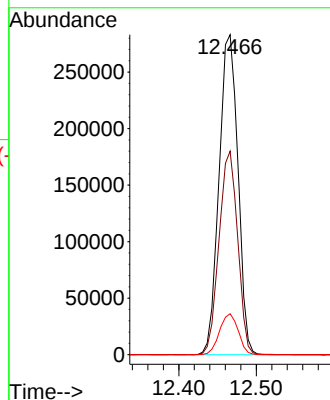
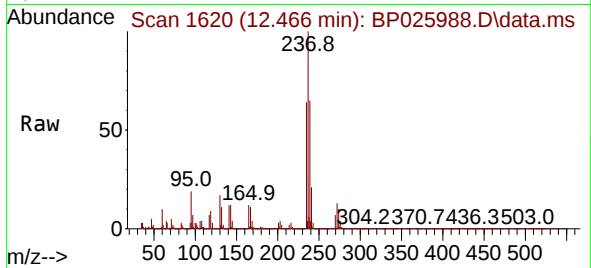




#41
Hexachlorocyclopentadiene
Concen: 81.681 ng
RT: 12.466 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

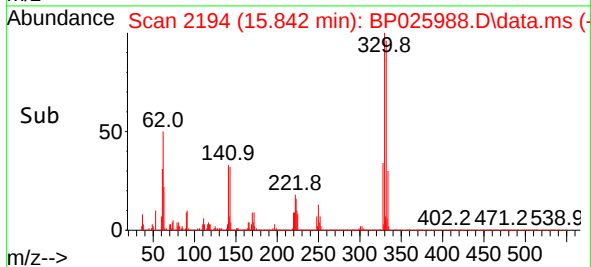
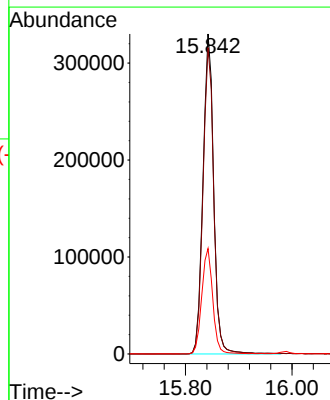
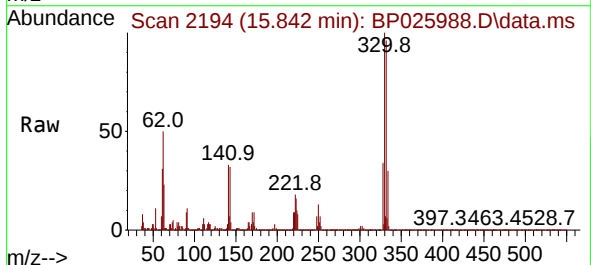
Instrument :
BNA_P
ClientSampleId :
MH-22MS

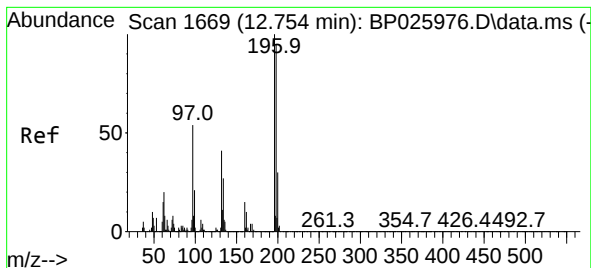
Tgt Ion:237 Resp: 479327
Ion Ratio Lower Upper
237 100
235 63.6 43.1 83.1
272 12.8 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 111.964 ng
RT: 15.842 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:330 Resp: 460173
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.8
141 33.8 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 46.180 ng

RT: 12.754 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MH-22MS

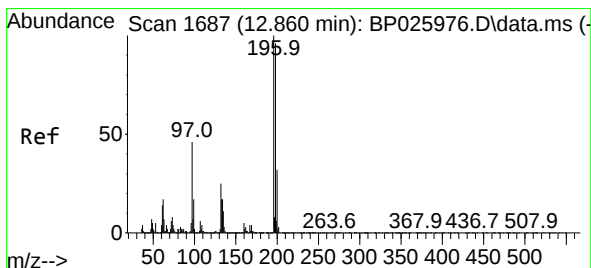
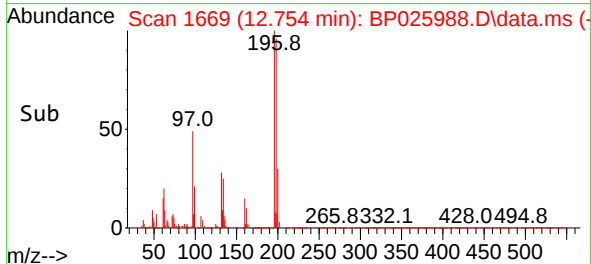
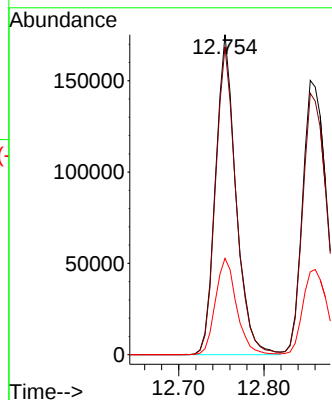
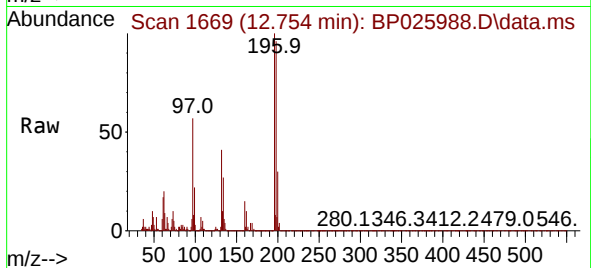
Tgt Ion:196 Resp: 291400

Ion Ratio Lower Upper

196 100

198 96.2 76.3 114.5

200 30.1 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 45.690 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Tgt Ion:196 Resp: 313949

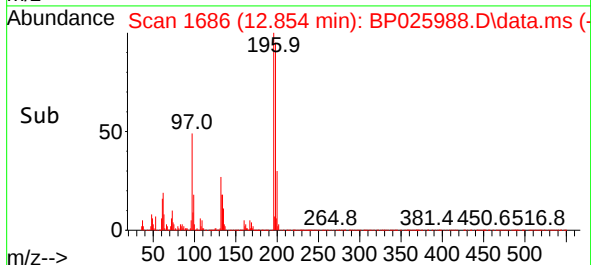
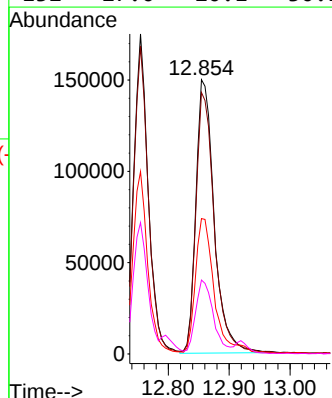
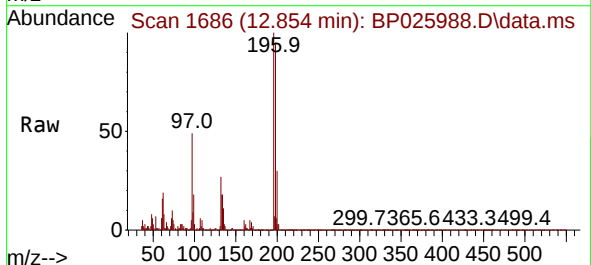
Ion Ratio Lower Upper

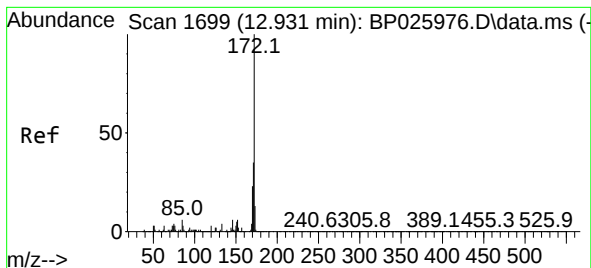
196 100

198 95.3 77.0 115.4

97 49.4 36.6 54.8

132 27.0 20.1 30.1





#45

2-Fluorobiphenyl

Concen: 72.672 ng

RT: 12.919 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MH-22MS

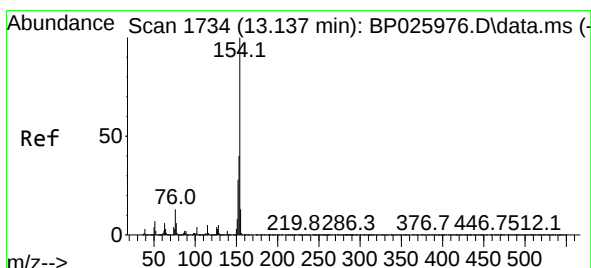
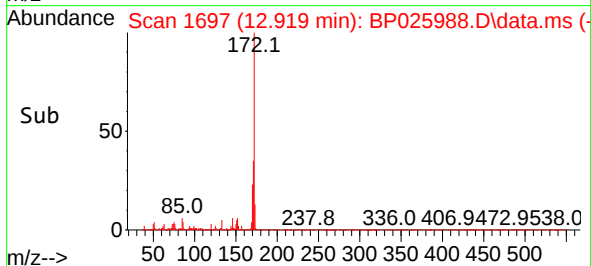
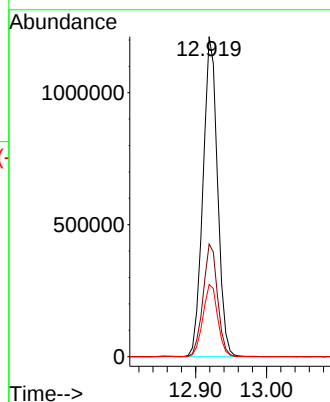
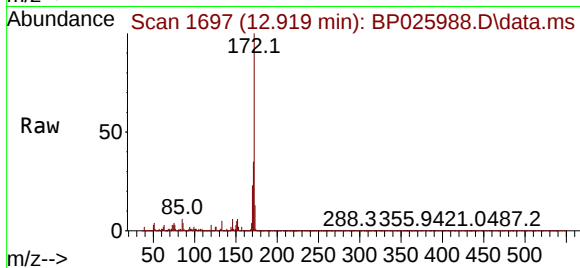
Tgt Ion:172 Resp: 1730997

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

170 22.5 18.5 27.7



#46

1,1'-Biphenyl

Concen: 50.660 ng

RT: 13.143 min Scan# 1735

Delta R.T. 0.006 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

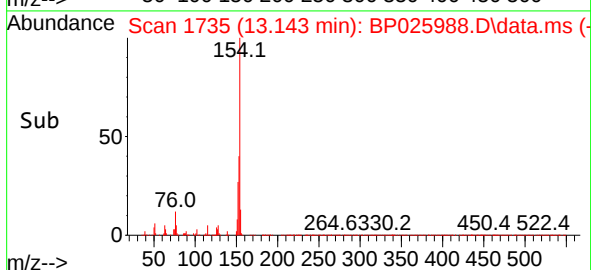
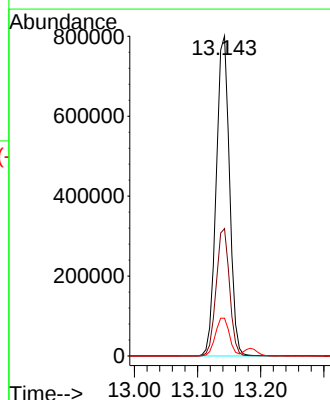
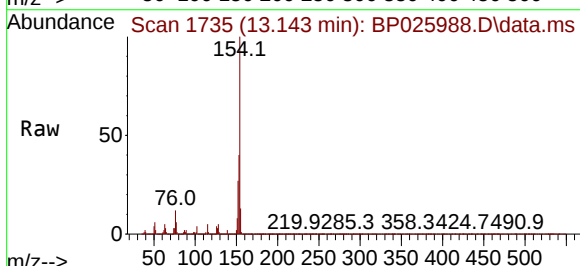
Tgt Ion:154 Resp: 1168302

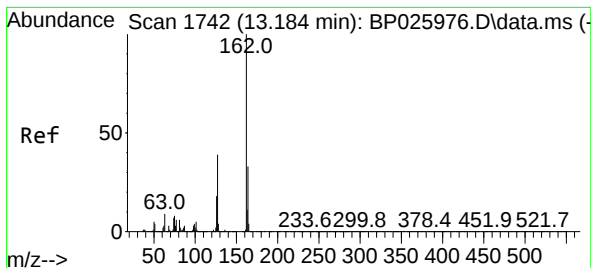
Ion Ratio Lower Upper

154 100

153 39.8 20.1 60.1

76 11.8 0.0 33.1

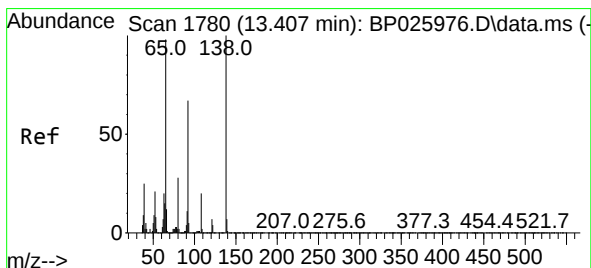
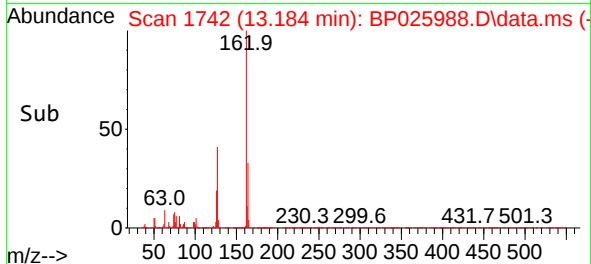
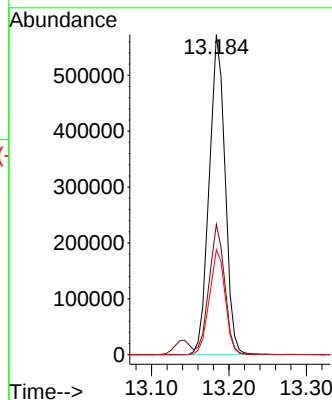
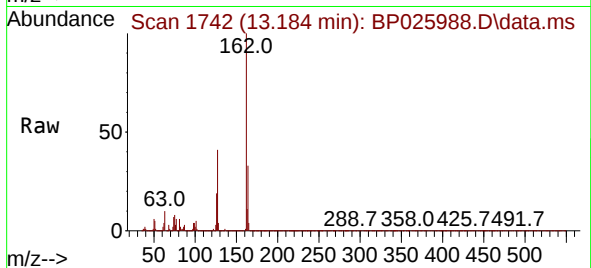




#47
2-Chloronaphthalene
Concen: 45.219 ng
RT: 13.184 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

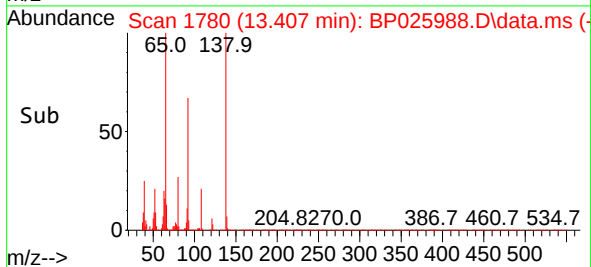
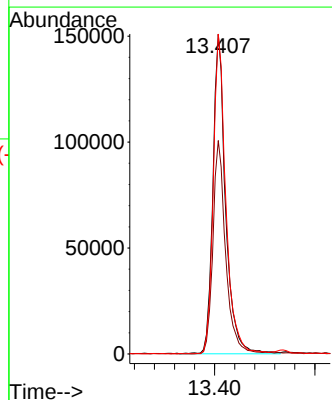
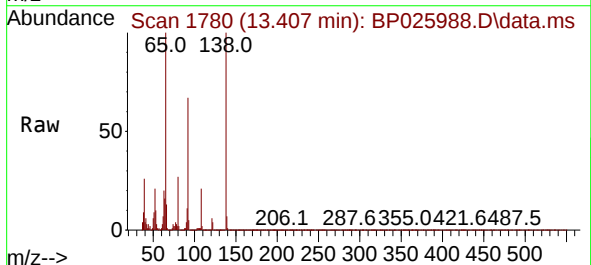
Instrument :
BNA_P
ClientSampleId :
MH-22MS

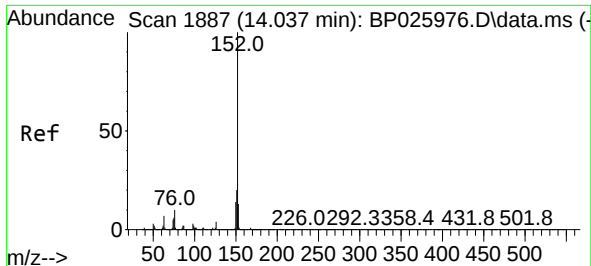
Tgt Ion:162 Resp: 815381
Ion Ratio Lower Upper
162 100
127 40.7 31.4 47.0
164 32.8 26.4 39.6



#48
2-Nitroaniline
Concen: 47.172 ng
RT: 13.407 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion: 65 Resp: 265107
Ion Ratio Lower Upper
65 100
92 66.8 55.0 82.4
138 100.1 82.0 123.0

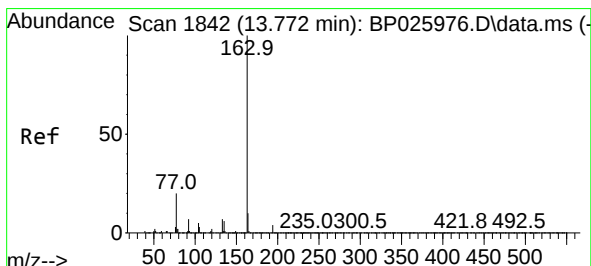
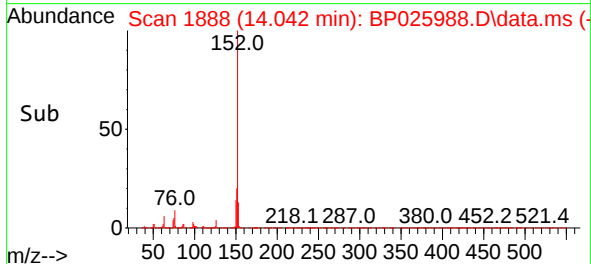
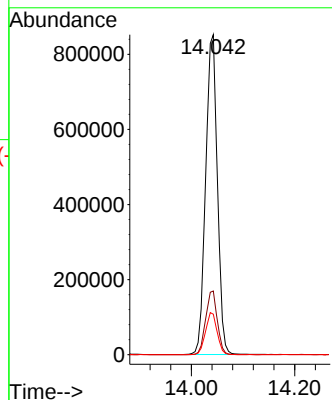
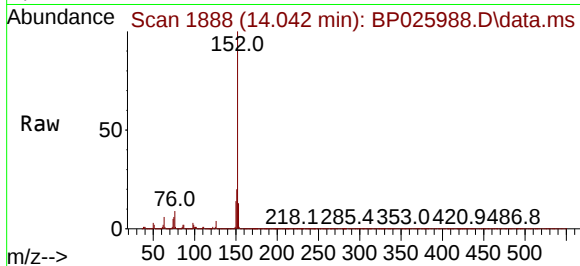




#49
Acenaphthylene
Concen: 45.933 ng
RT: 14.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

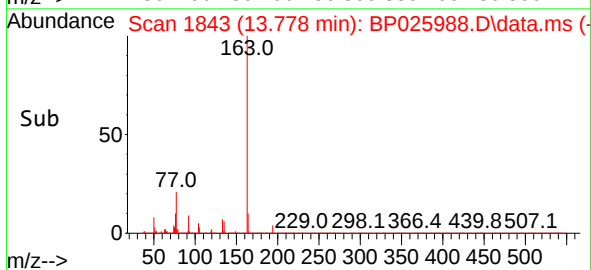
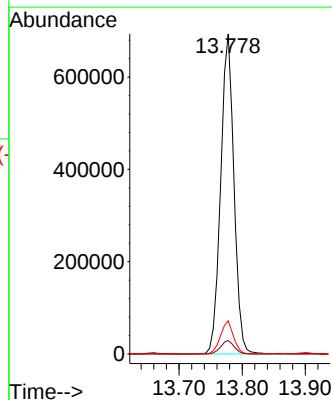
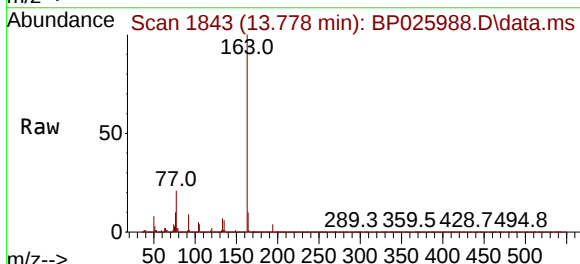
Instrument :
BNA_P
ClientSampleId :
MH-22MS

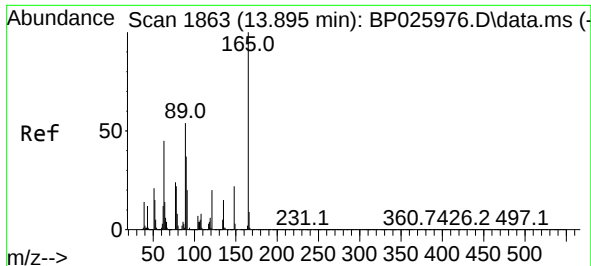
Tgt Ion:152 Resp: 1339202
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.6 10.6 15.8



#50
Dimethylphthalate
Concen: 43.870 ng
RT: 13.778 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:163 Resp: 1012351
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 10.4 8.2 12.2

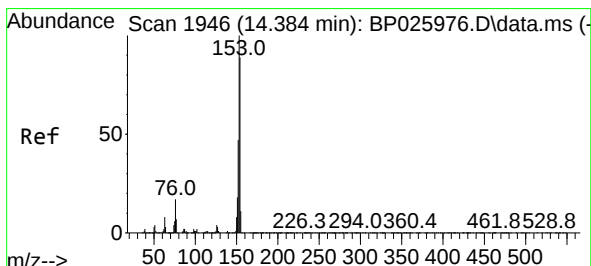
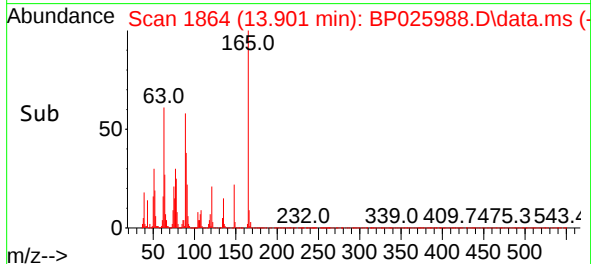
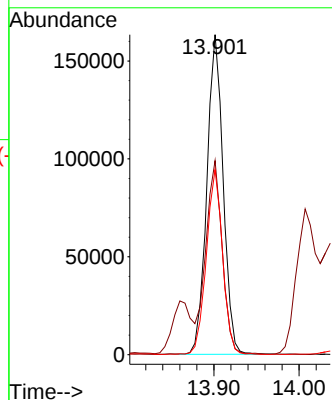
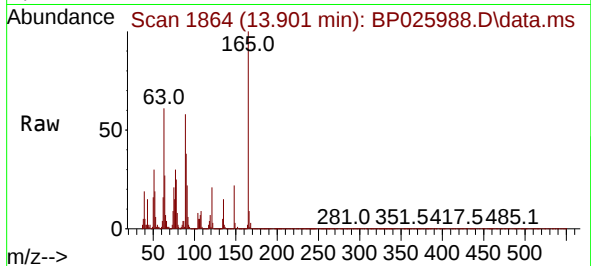




#51
2,6-Dinitrotoluene
Concen: 43.535 ng
RT: 13.901 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

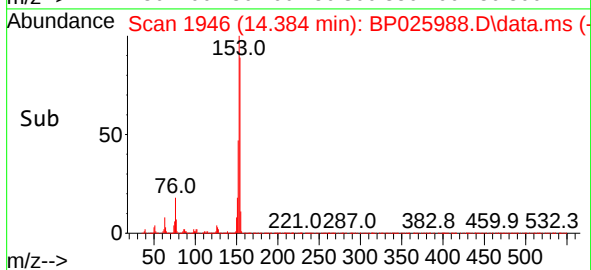
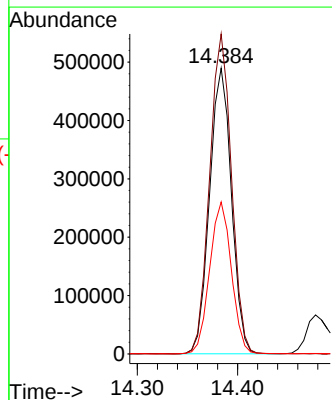
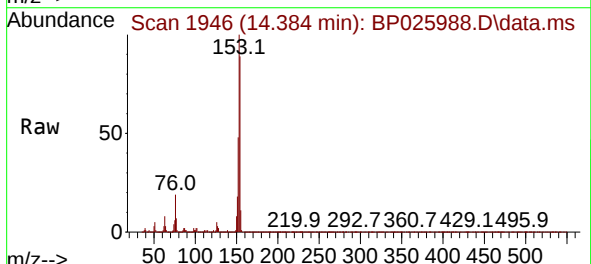
Instrument :
BNA_P
ClientSampleId :
MH-22MS

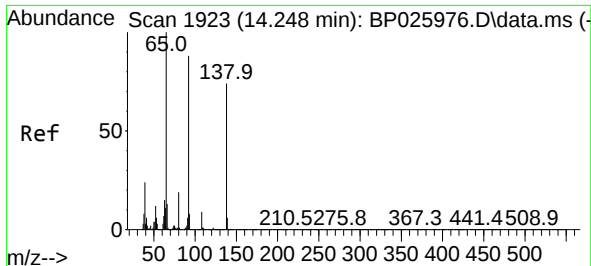
Tgt Ion:165 Resp: 216911
Ion Ratio Lower Upper
165 100
63 60.7 45.4 68.0
89 57.9 43.4 65.0



#52
Acenaphthene
Concen: 44.112 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:154 Resp: 742671
Ion Ratio Lower Upper
154 100
153 112.0 90.2 135.2
152 53.2 42.2 63.2

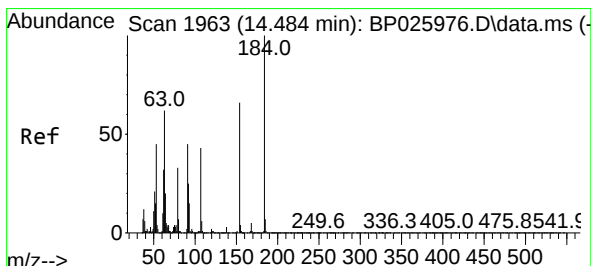
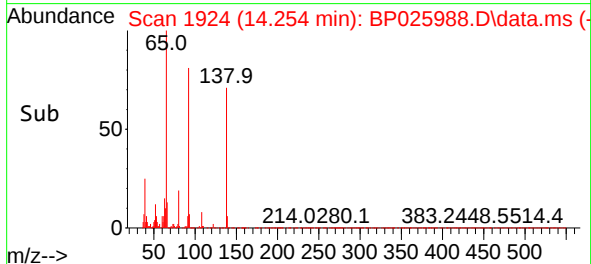
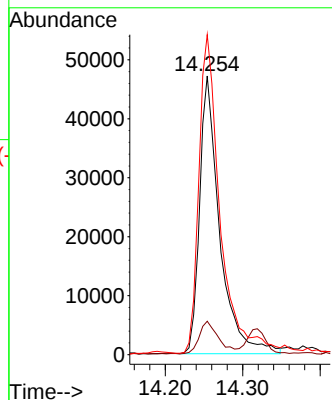
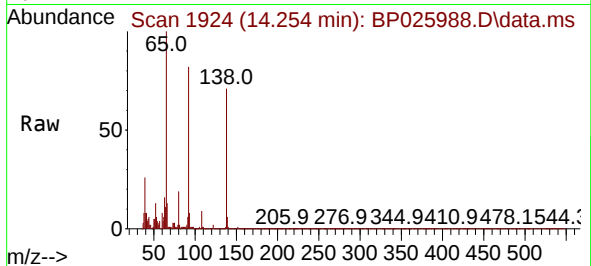




#53
3-Nitroaniline
Concen: 17.069 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

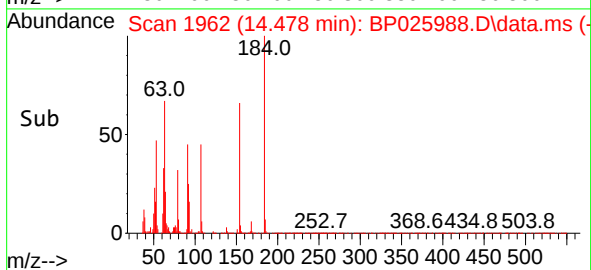
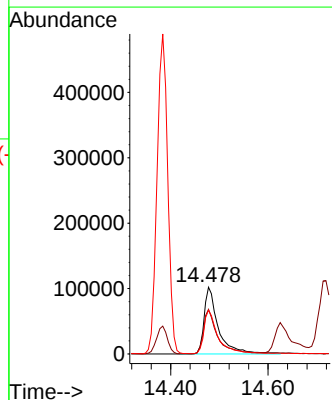
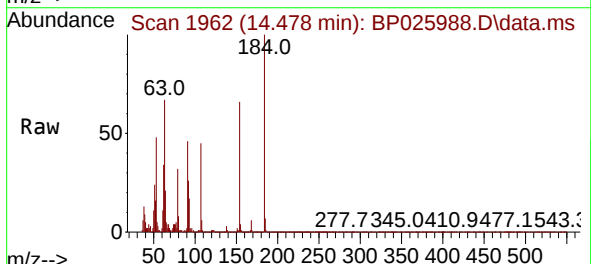
Instrument :
BNA_P
ClientSampleId :
MH-22MS

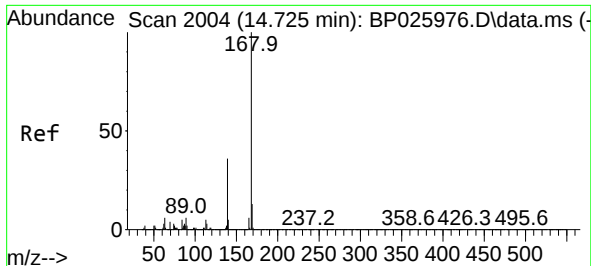
Tgt Ion:138 Resp: 84706
Ion Ratio Lower Upper
138 100
108 12.0 10.0 15.0
92 114.8 96.1 144.1



#54
2,4-Dinitrophenol
Concen: 62.217 ng
RT: 14.478 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:184 Resp: 206271
Ion Ratio Lower Upper
184 100
63 66.9 50.2 75.2
154 65.7 54.2 81.4

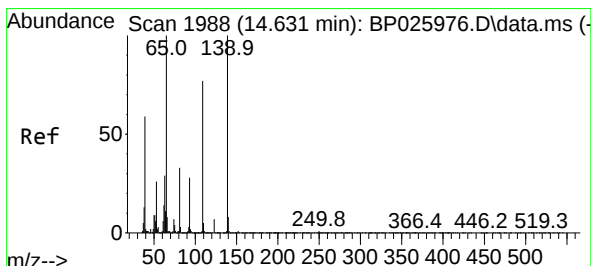
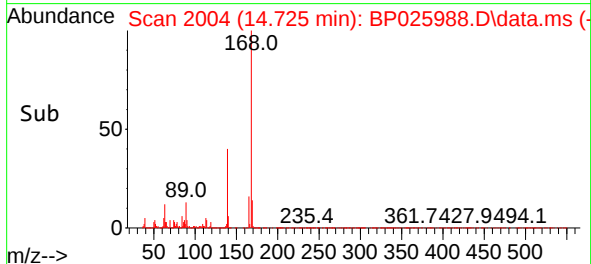
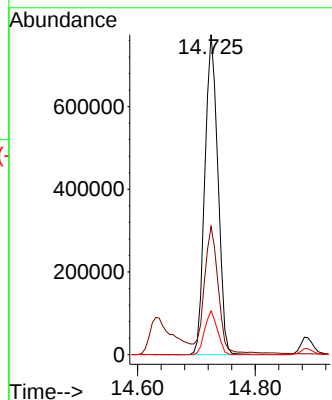
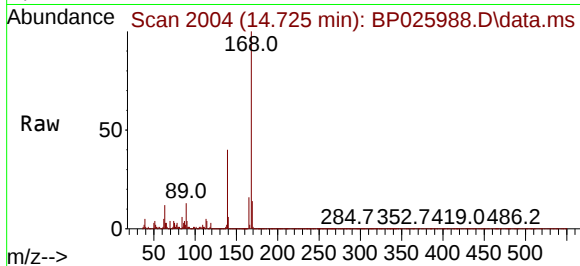




#55
Dibenzofuran
Concen: 44.090 ng
RT: 14.725 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

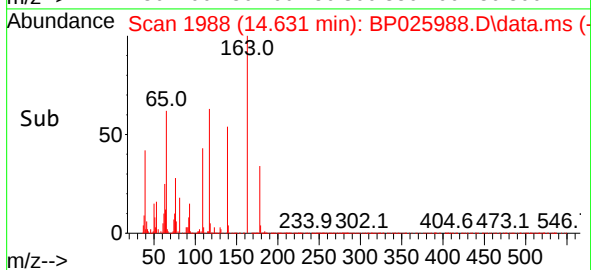
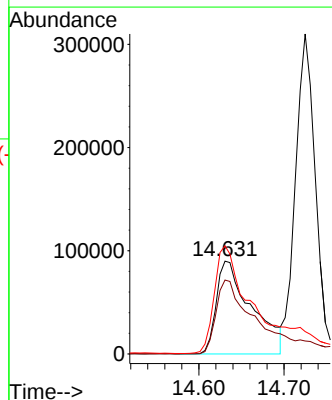
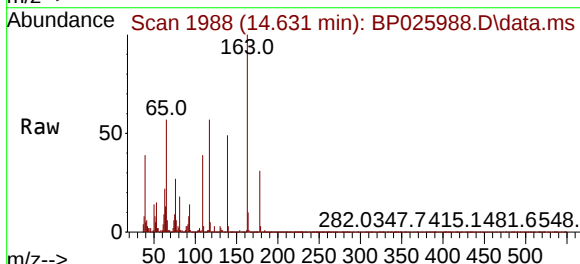
Instrument :
BNA_P
ClientSampleId :
MH-22MS

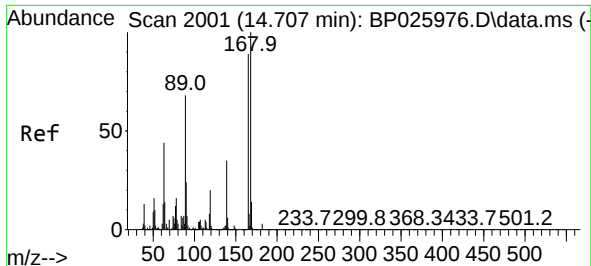
Tgt Ion:168 Resp: 1188611
Ion Ratio Lower Upper
168 100
139 40.1 30.5 45.7
169 13.7 10.6 15.8



#56
4-Nitrophenol
Concen: 85.932 ng
RT: 14.631 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:139 Resp: 258614
Ion Ratio Lower Upper
139 100
109 79.7 57.6 97.6
65 116.6 81.4 121.4

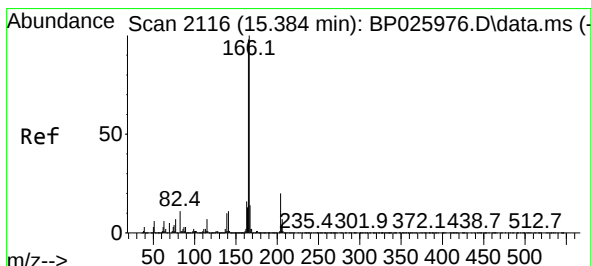
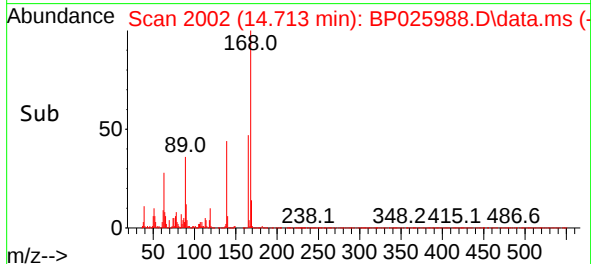
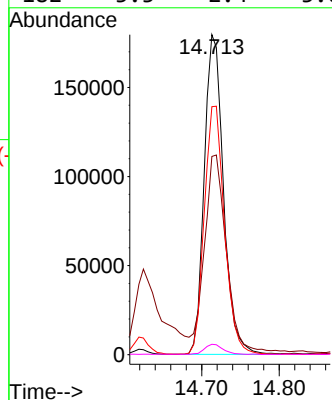
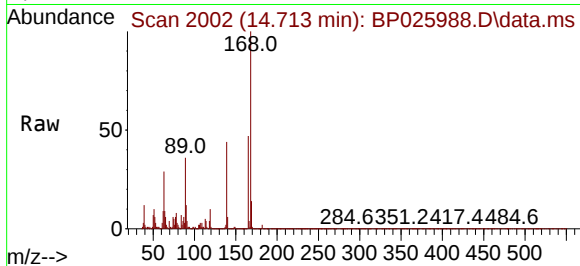




#57
2,4-Dinitrotoluene
Concen: 45.873 ng
RT: 14.713 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

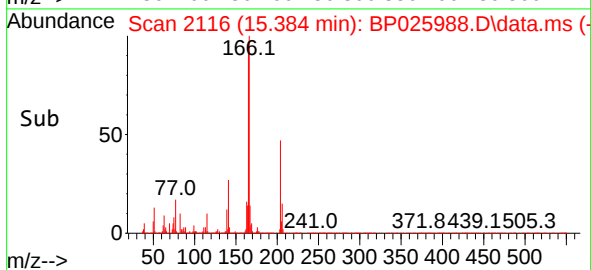
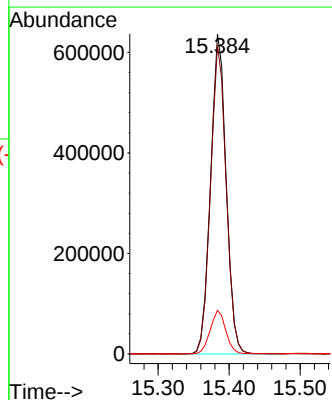
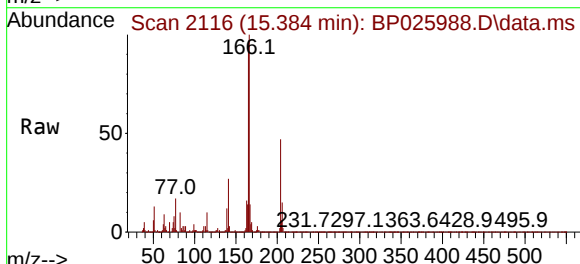
Instrument :
BNA_P
ClientSampleId :
MH-22MS

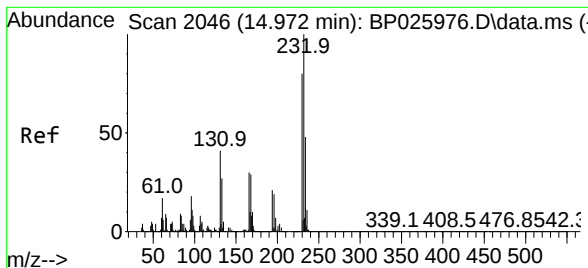
Tgt Ion:165 Resp: 309690
Ion Ratio Lower Upper
165 100
63 62.0 41.8 62.6
89 77.5 61.6 92.4
182 3.3 2.4 3.6



#58
Fluorene
Concen: 44.807 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:166 Resp: 970620
Ion Ratio Lower Upper
166 100
165 96.5 78.2 117.2
167 13.6 10.8 16.2



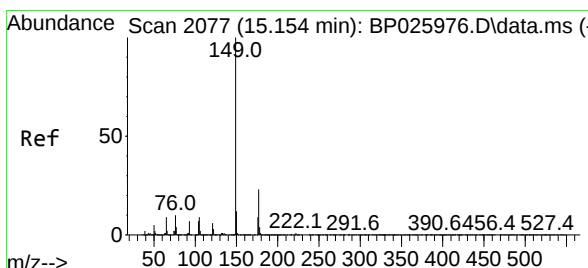
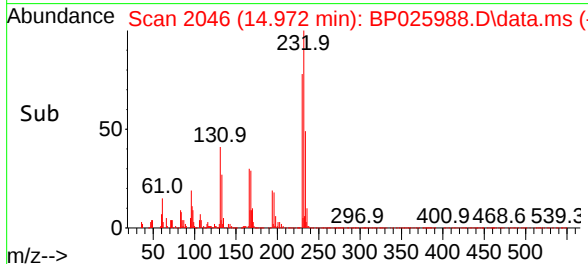
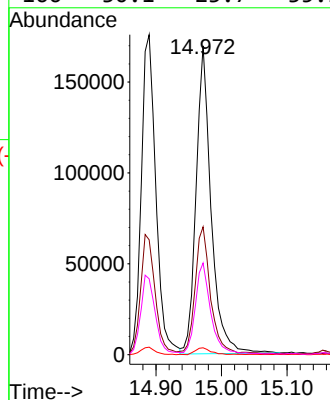
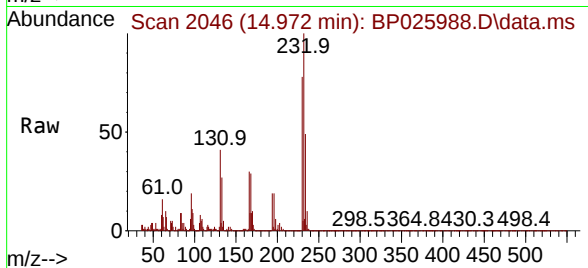


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.909 ng
RT: 14.972 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Instrument :
BNA_P
ClientSampleId :
MH-22MS

Tgt Ion:232 Resp: 270726

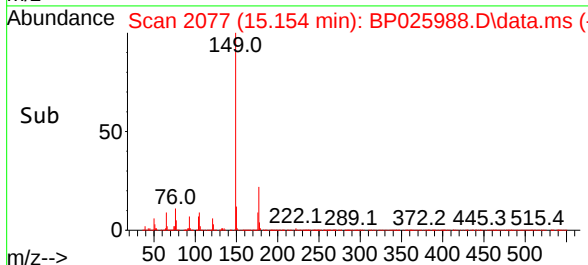
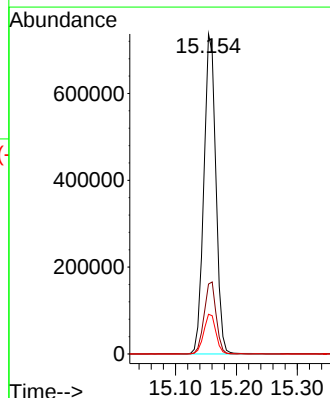
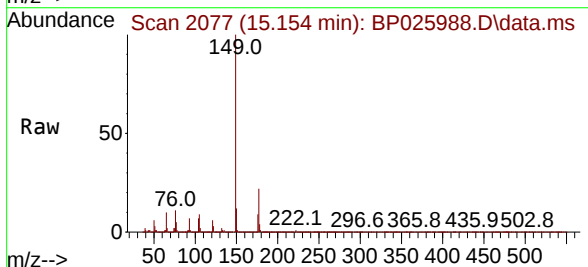
Ion	Ratio	Lower	Upper
232	100		
131	40.9	33.8	50.8
130	2.2	1.8	2.8
166	30.1	23.7	35.5

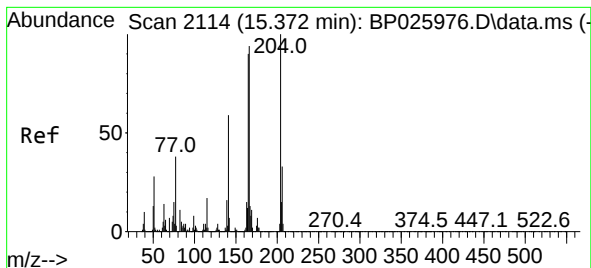


#60
Diethylphthalate
Concen: 44.258 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:149 Resp: 1006976

Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.2	27.2
150	12.4	9.8	14.6

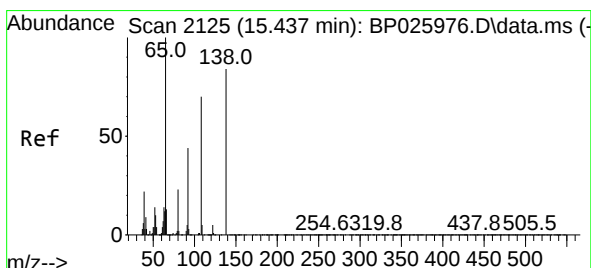
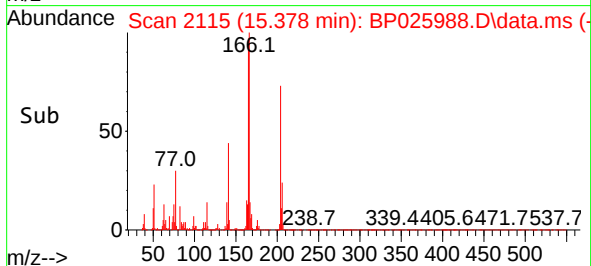
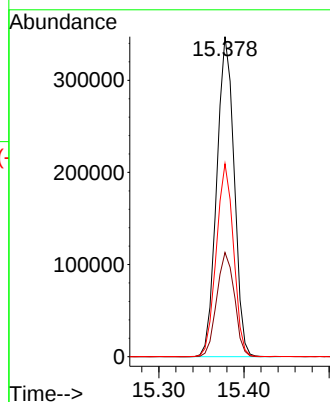
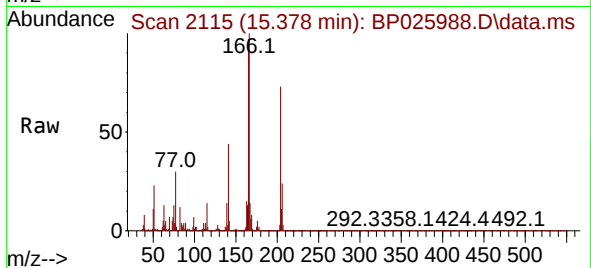




#61
4-Chlorophenyl-phenylether
Concen: 43.369 ng
RT: 15.378 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

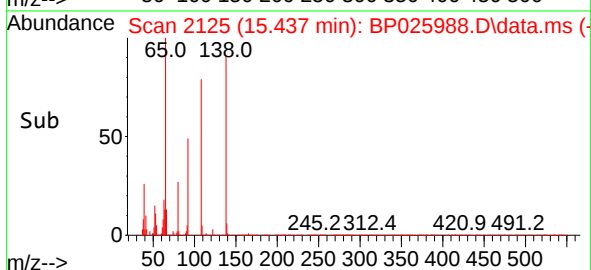
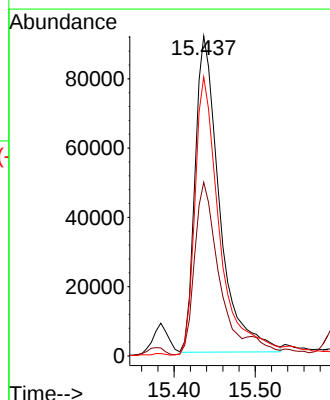
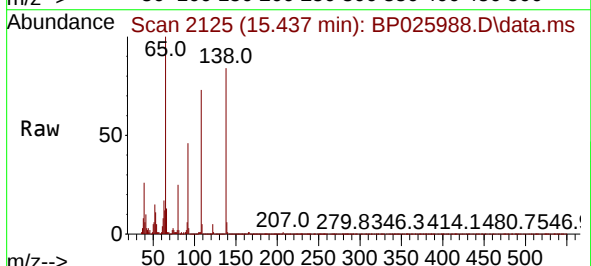
Instrument :
BNA_P
ClientSampleId :
MH-22MS

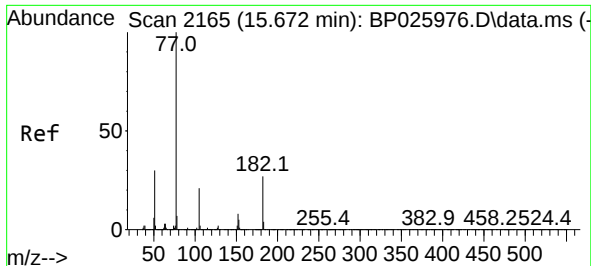
Tgt Ion:204 Resp: 494026
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 60.3 47.2 70.8



#62
4-Nitroaniline
Concen: 41.748 ng
RT: 15.437 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:138 Resp: 191968
Ion Ratio Lower Upper
138 100
92 54.2 32.5 72.5
108 87.2 62.7 102.7

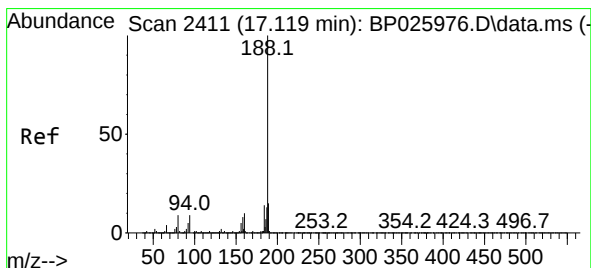
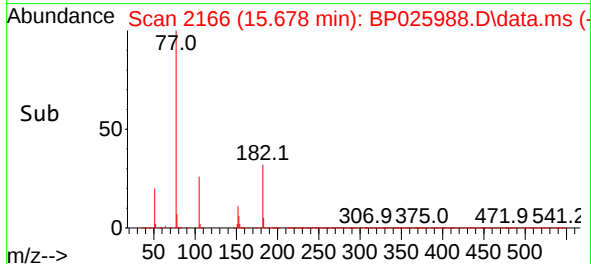
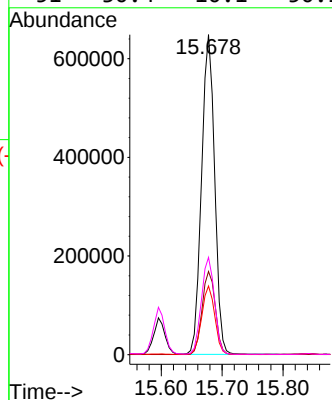
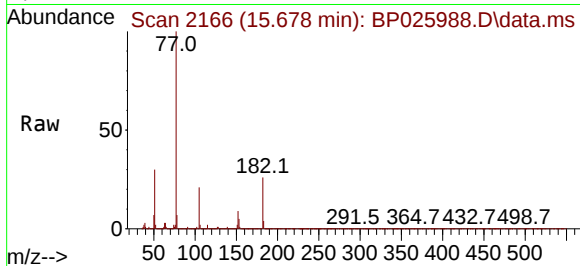




#63
Azobenzene
Concen: 45.634 ng
RT: 15.678 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

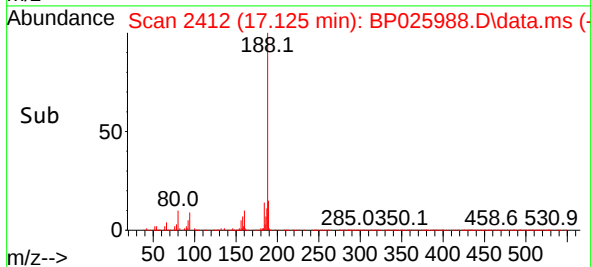
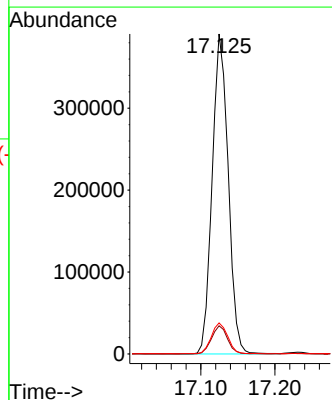
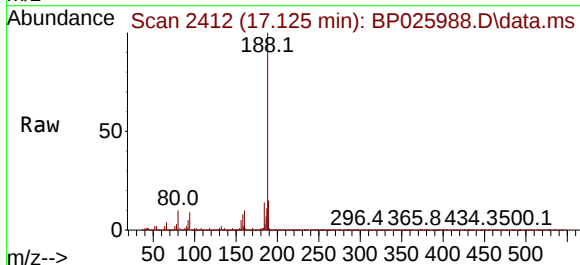
Instrument :
BNA_P
ClientSampleId :
MH-22MS

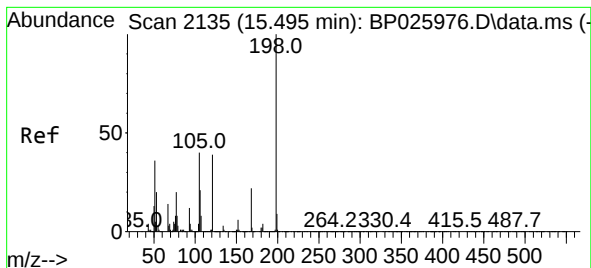
Tgt Ion: 77	Resp: 967780
Ion Ratio	Lower Upper
77 100	
182 26.0	6.6 46.6
105 21.5	1.3 41.3
51 30.4	10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:188	Resp: 586181
Ion Ratio	Lower Upper
188 100	
94 8.8	6.8 10.2
80 9.7	7.2 10.8

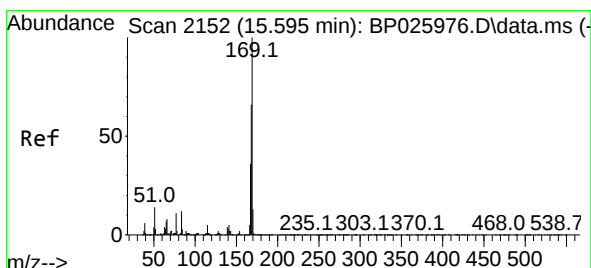
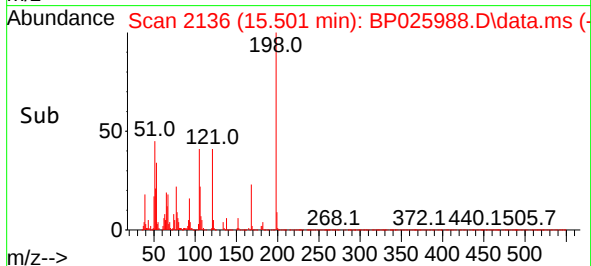
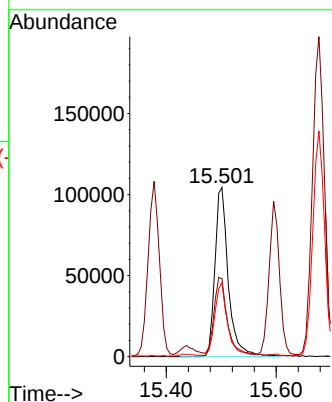
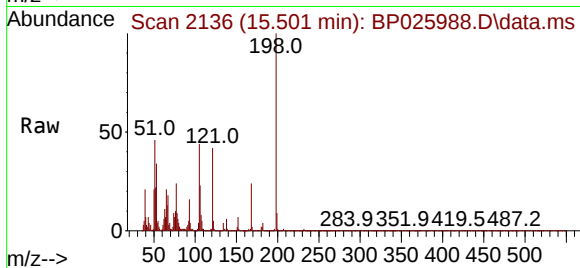




#65
4,6-Dinitro-2-methylphenol
Concen: 41.634 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

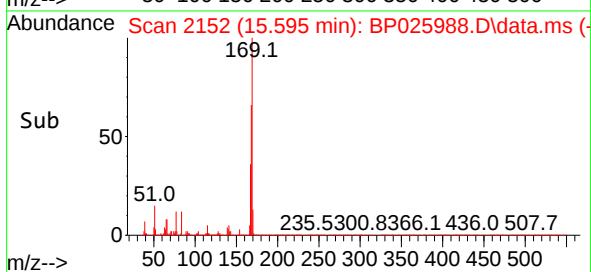
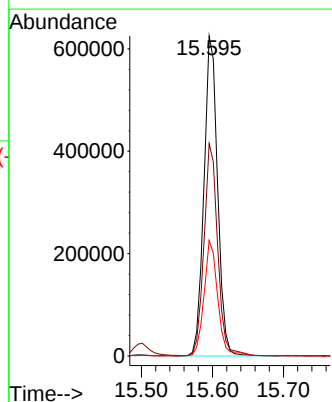
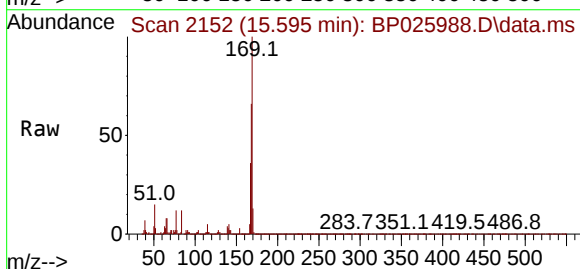
Instrument :
BNA_P
ClientSampleId :
MH-22MS

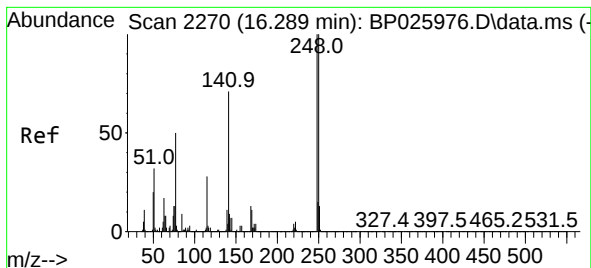
Tgt Ion:198 Resp: 176387
Ion Ratio Lower Upper
198 100
51 46.2 22.1 62.1
105 43.7 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 44.328 ng
RT: 15.595 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:169 Resp: 835994
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.1 28.6 42.8

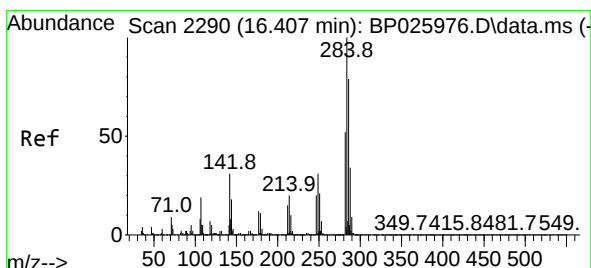
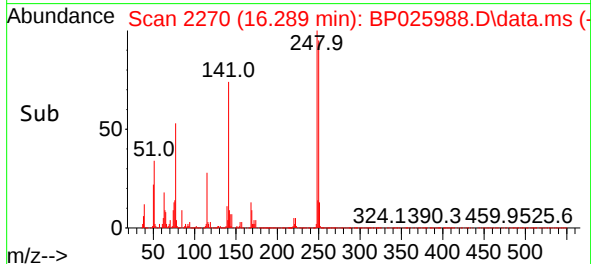
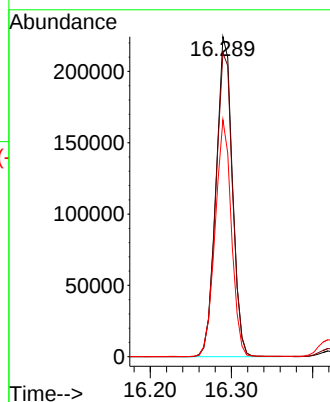
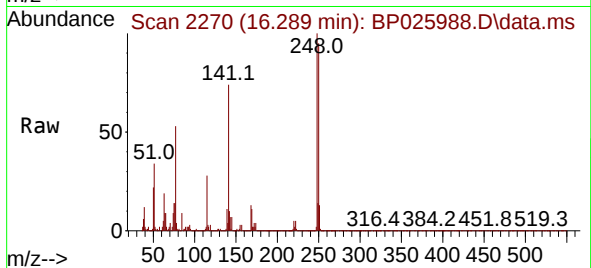




#67
4-Bromophenyl-phenylether
Concen: 43.621 ng
RT: 16.289 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

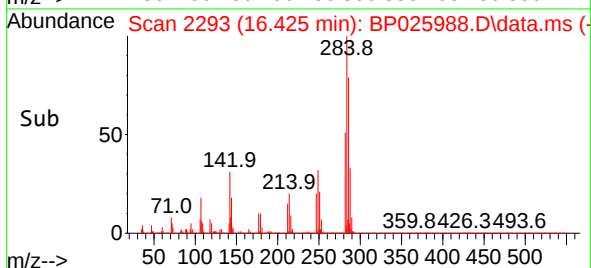
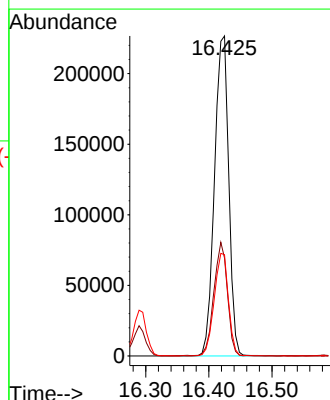
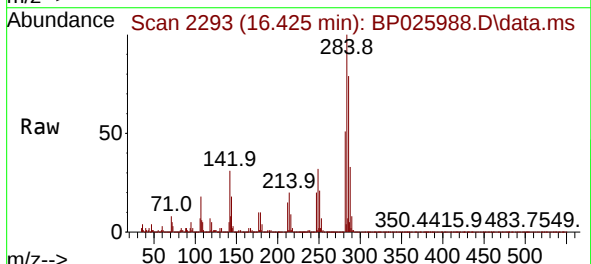
Instrument :
BNA_P
ClientSampleId :
MH-22MS

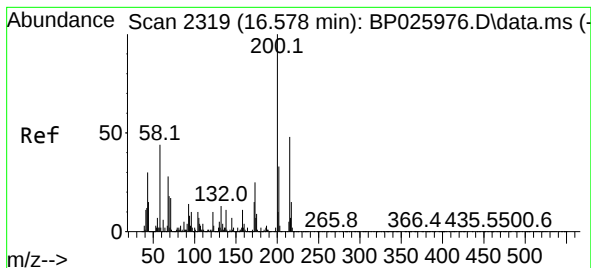
Tgt Ion:248 Resp: 315604
Ion Ratio Lower Upper
248 100
250 94.9 79.8 119.6
141 74.1 57.0 85.4



#68
Hexachlorobenzene
Concen: 43.697 ng
RT: 16.425 min Scan# 2293
Delta R.T. 0.018 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:284 Resp: 354673
Ion Ratio Lower Upper
284 100
142 30.6 24.9 37.3
249 31.7 25.1 37.7





#69

Atrazine

Concen: 47.833 ng

RT: 16.584 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MH-22MS

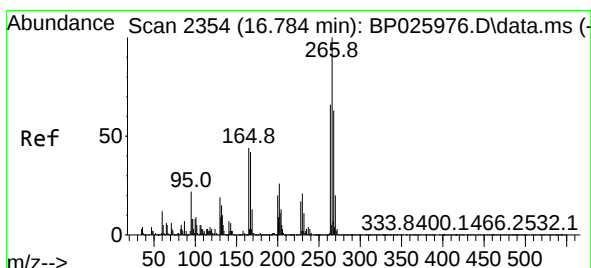
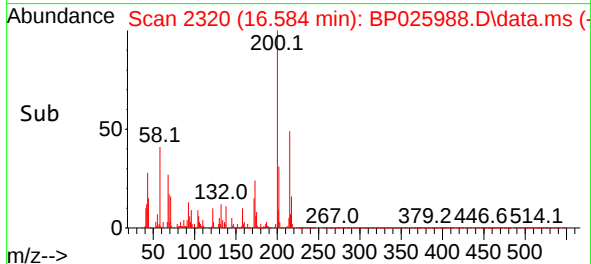
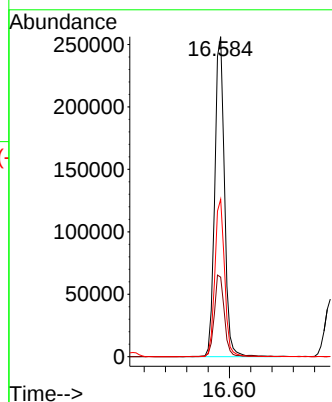
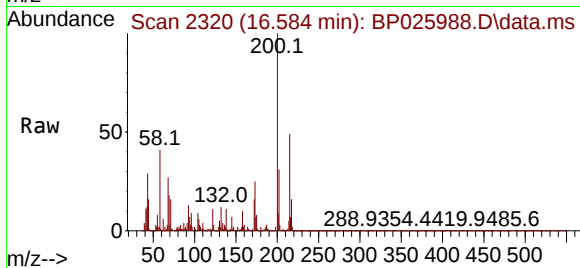
Tgt Ion:200 Resp: 325439

Ion Ratio Lower Upper

200 100

173 24.8 5.3 45.3

215 49.2 28.2 68.2



#70

Pentachlorophenol

Concen: 100.246 ng

RT: 16.795 min Scan# 2356

Delta R.T. 0.012 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

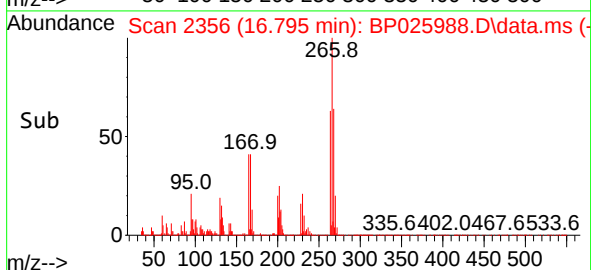
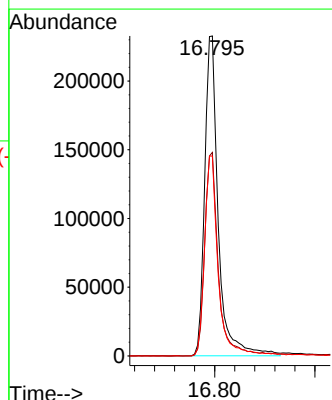
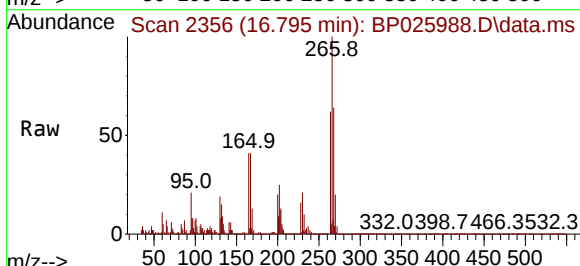
Tgt Ion:266 Resp: 439269

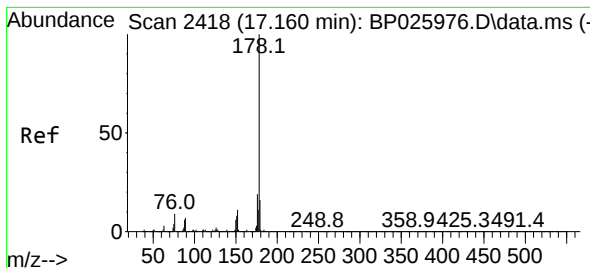
Ion Ratio Lower Upper

266 100

268 63.6 50.5 75.7

264 62.5 52.9 79.3





#71

Phenanthrene

Concen: 44.794 ng

RT: 17.172 min Scan# 2418

Delta R.T. 0.012 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MH-22MS

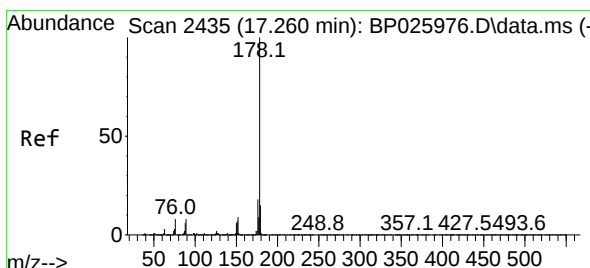
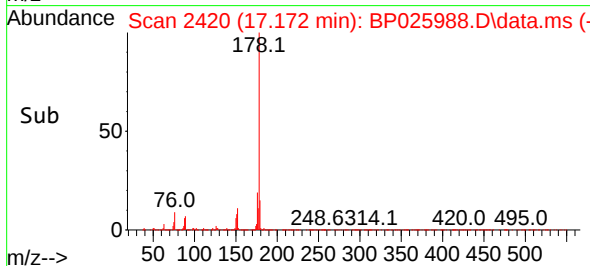
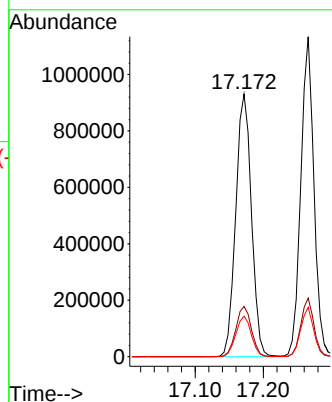
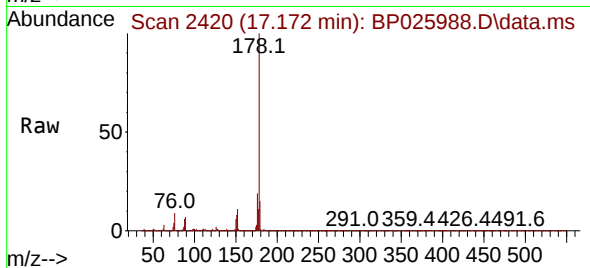
Tgt Ion:178 Resp: 1488179

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.4 12.7 19.1



#72

Anthracene

Concen: 44.916 ng

RT: 17.266 min Scan# 2436

Delta R.T. 0.006 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

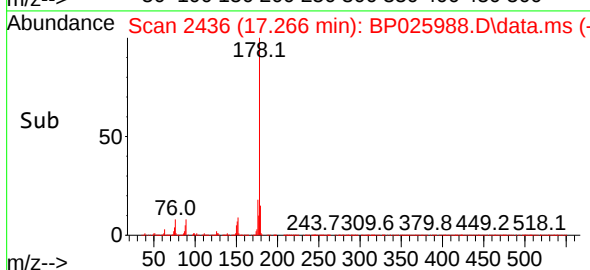
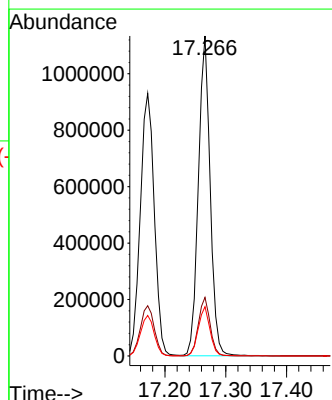
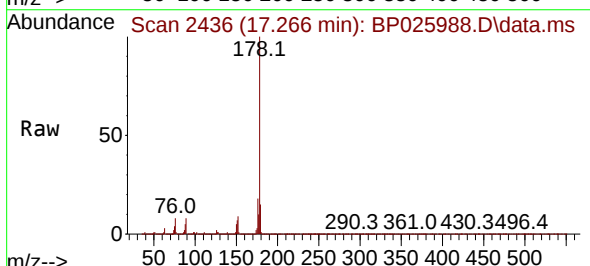
Tgt Ion:178 Resp: 1524287

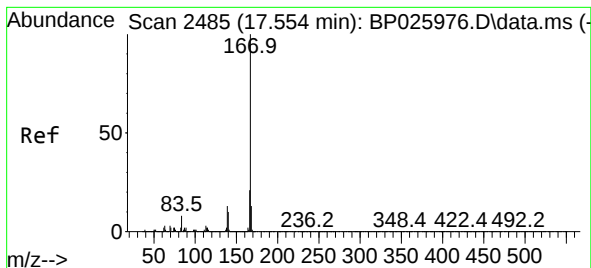
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 15.4 12.3 18.5





#73

Carbazole

Concen: 48.626 ng

RT: 17.560 min Scan# 2485

Delta R.T. 0.006 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MH-22MS

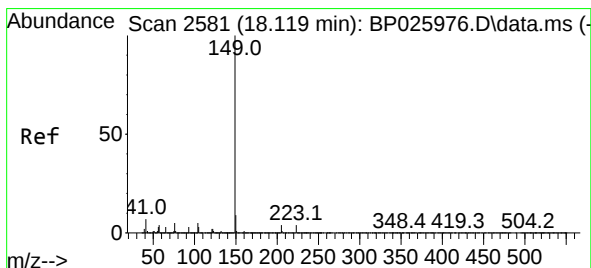
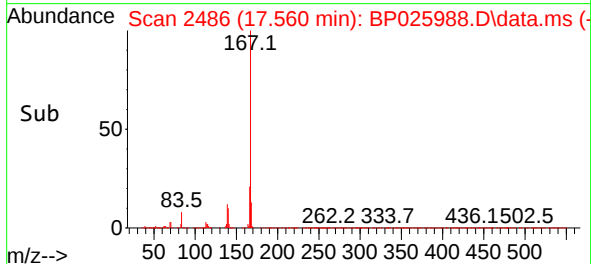
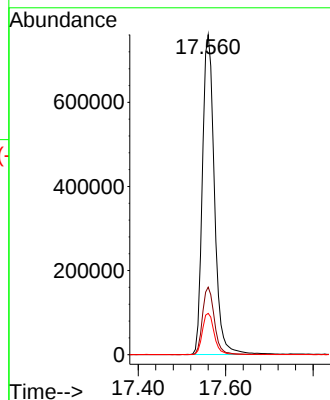
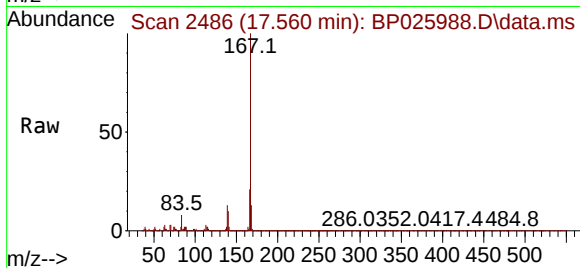
Tgt Ion:167 Resp: 1454708

Ion Ratio Lower Upper

167 100

166 21.1 16.7 25.1

139 12.9 10.2 15.2



#74

Di-n-butylphthalate

Concen: 49.749 ng

RT: 18.130 min Scan# 2583

Delta R.T. 0.012 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

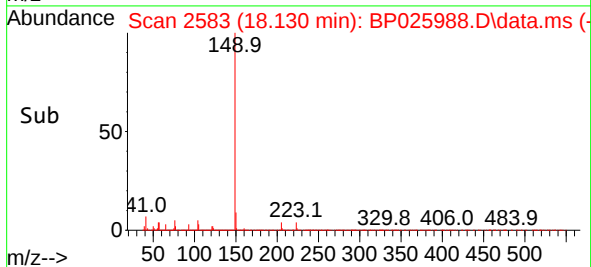
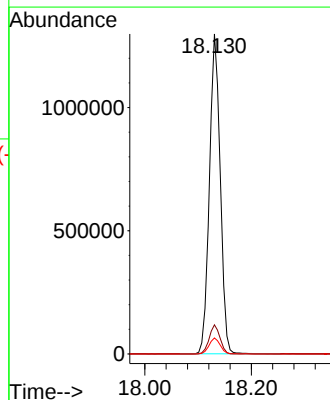
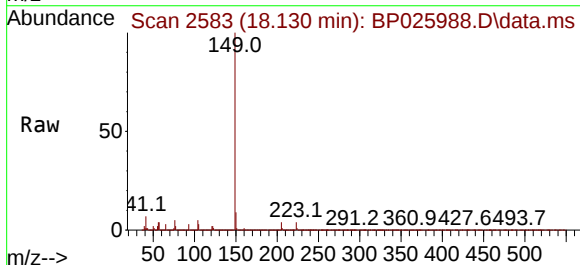
Tgt Ion:149 Resp: 1831607

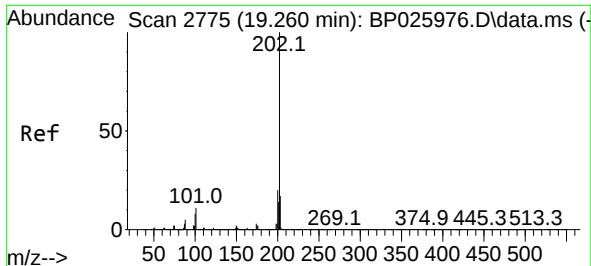
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.0 4.1 6.1

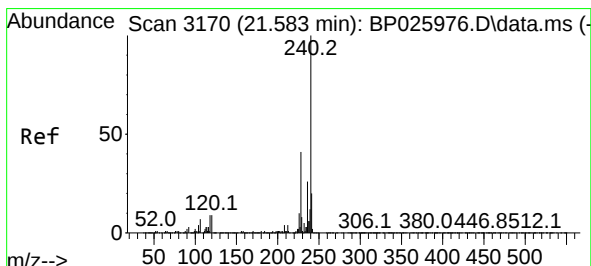
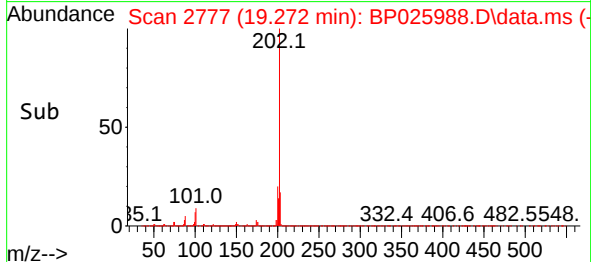
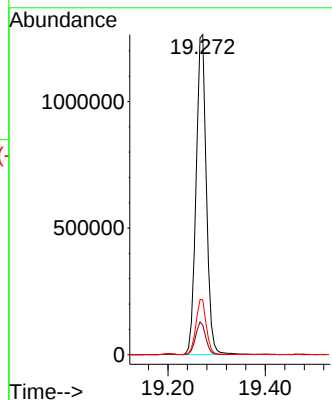
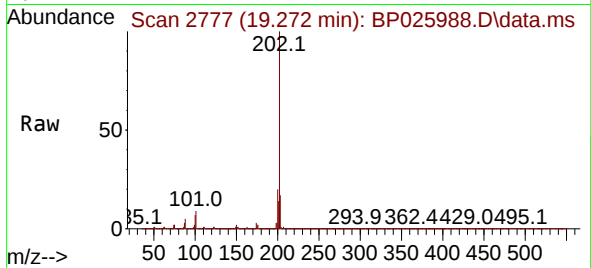




#75
Fluoranthene
Concen: 49.774 ng
RT: 19.272 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

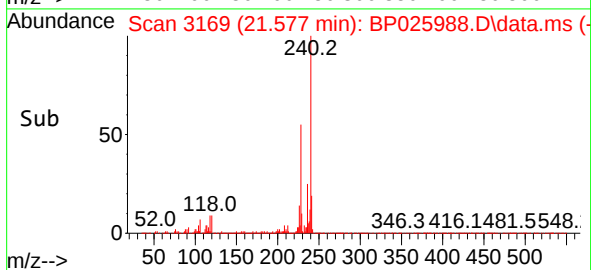
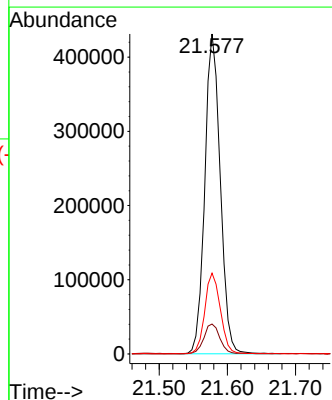
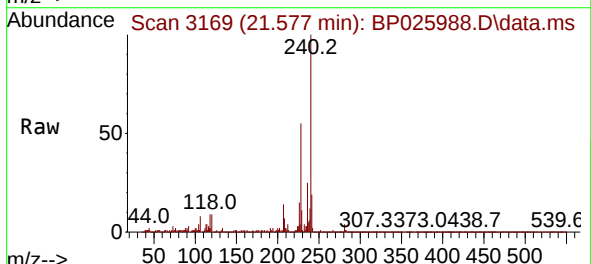
Instrument :
BNA_P
ClientSampleId :
MH-22MS

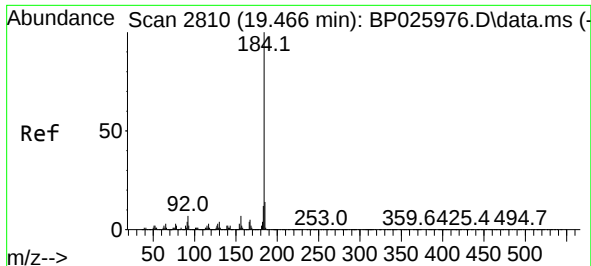
Tgt Ion:202 Resp: 1865316
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.5
203 17.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:240 Resp: 680533
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 25.3 20.4 30.6

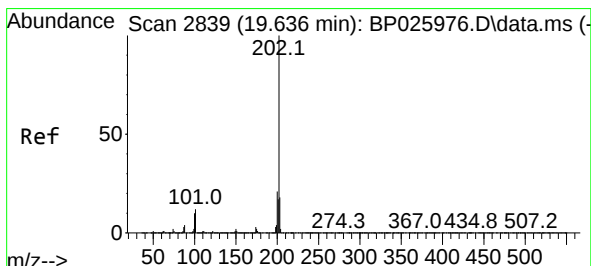
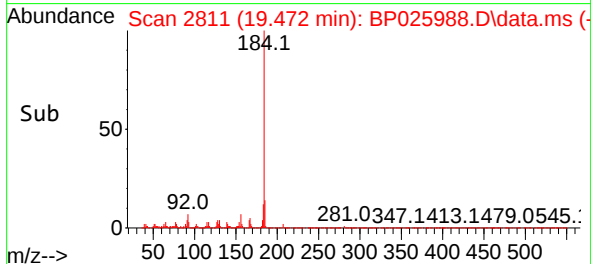
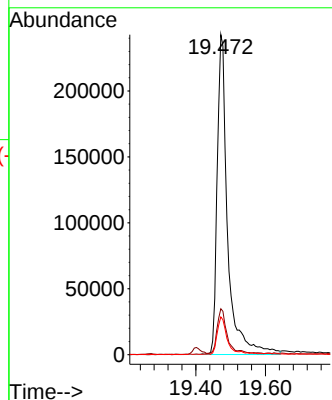
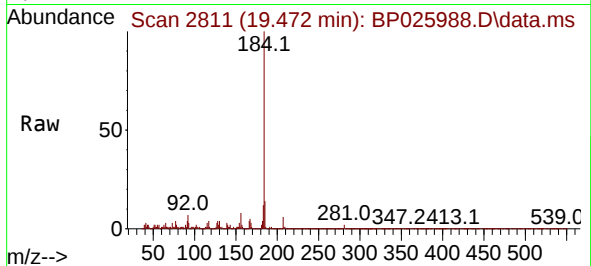




#77
Benzidine
Concen: 23.199 ng
RT: 19.472 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

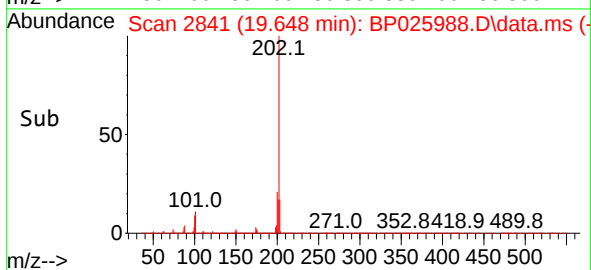
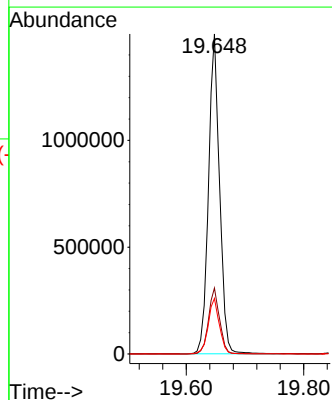
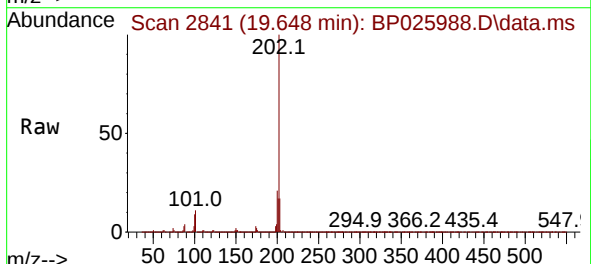
Instrument :
BNA_P
ClientSampleId :
MH-22MS

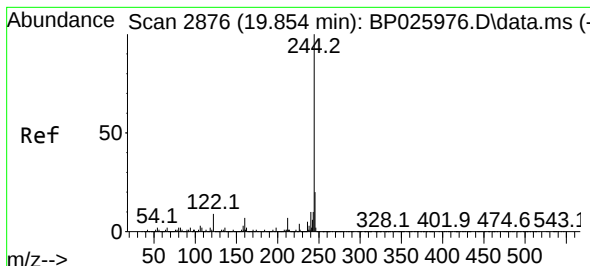
Tgt Ion:184 Resp: 505856
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 11.8 9.4 14.2



#78
Pyrene
Concen: 38.933 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.012 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:202 Resp: 1954147
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 62.602 ng

RT: 19.848 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MH-22MS

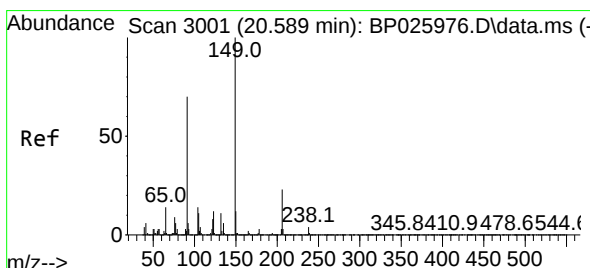
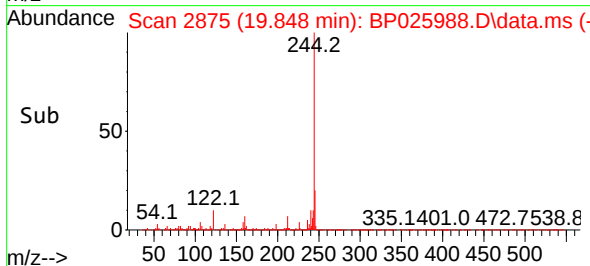
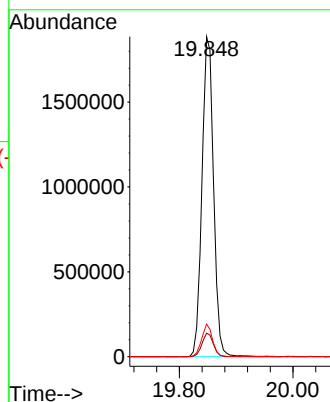
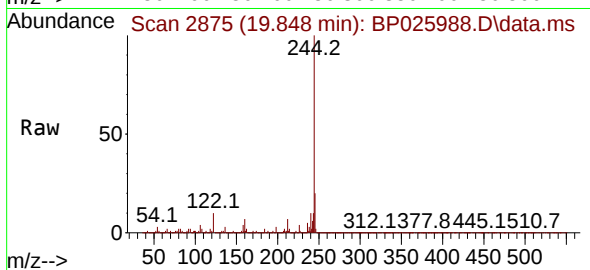
Tgt Ion:244 Resp: 2665682

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 10.2 7.1 10.7



#80

Butylbenzylphthalate

Concen: 45.254 ng

RT: 20.583 min Scan# 3000

Delta R.T. -0.006 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

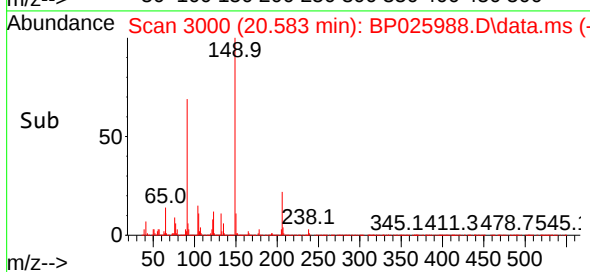
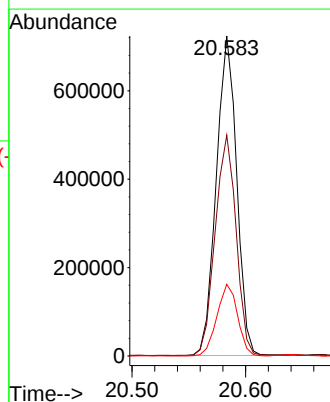
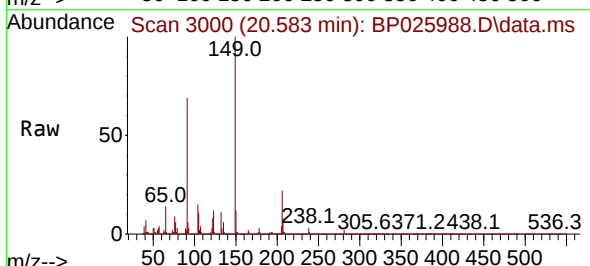
Tgt Ion:149 Resp: 903906

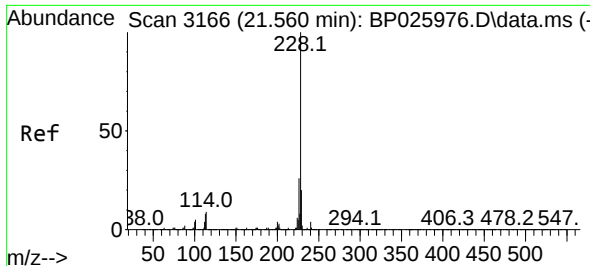
Ion Ratio Lower Upper

149 100

91 69.0 56.0 84.0

206 22.4 18.6 27.8

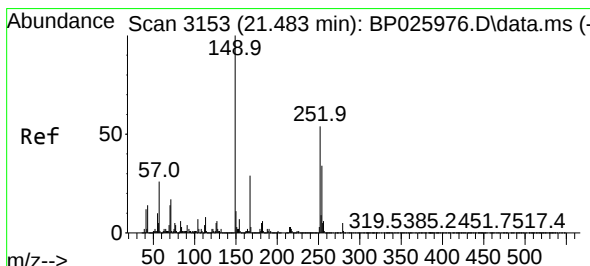
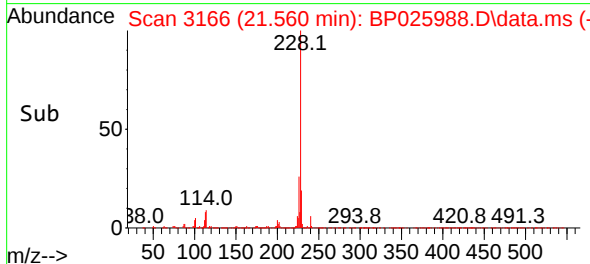
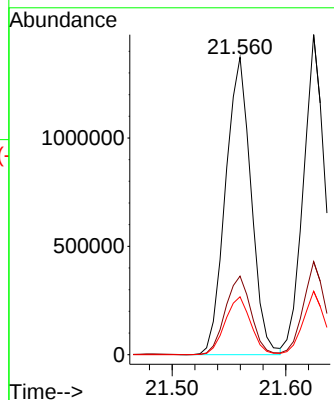
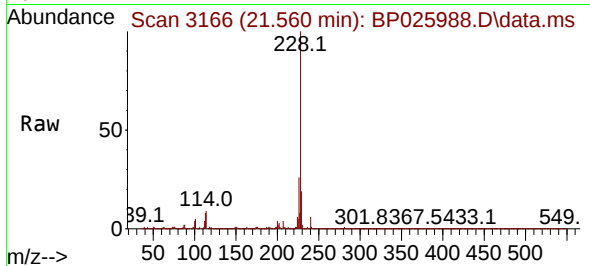




#81
Benzo(a)anthracene
Concen: 46.099 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

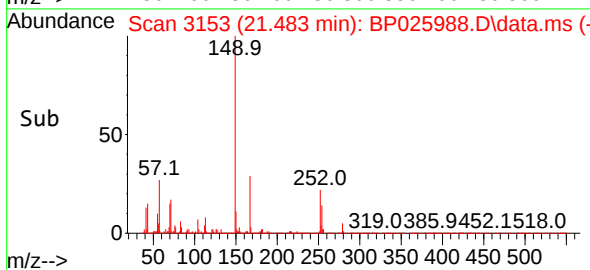
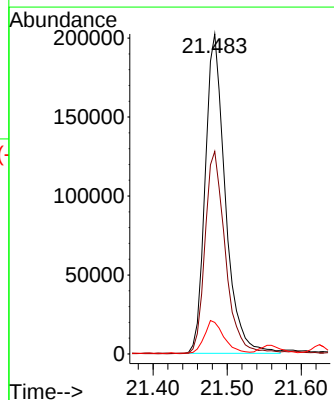
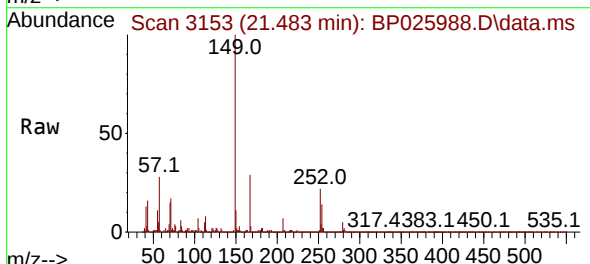
Instrument :
BNA_P
ClientSampleId :
MH-22MS

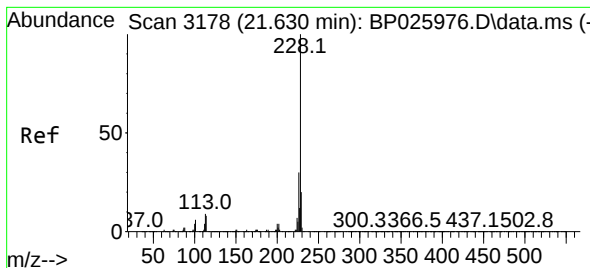
Tgt Ion:228 Resp: 2145656
Ion Ratio Lower Upper
228 100
226 26.4 21.0 31.6
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 22.976 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:252 Resp: 380572
Ion Ratio Lower Upper
252 100
254 63.3 50.6 75.8
126 9.9 8.0 12.0





#83

Chrysene

Concen: 45.482 ng

RT: 21.624 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MH-22MS

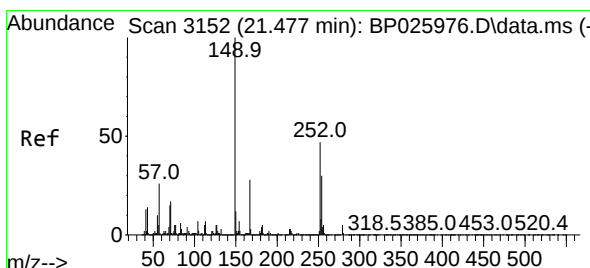
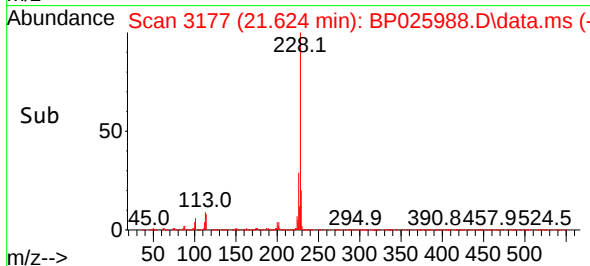
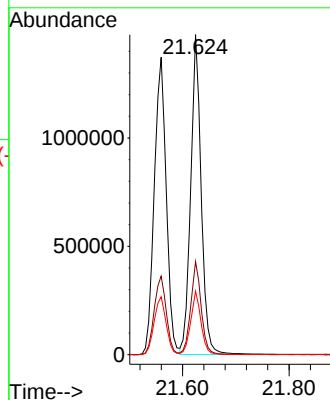
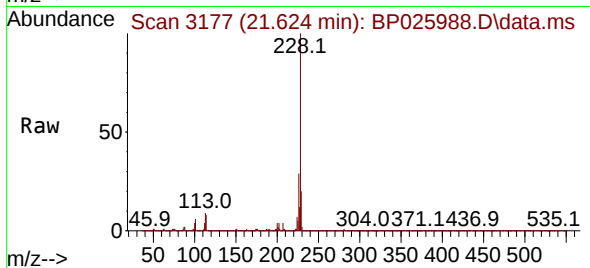
Tgt Ion:228 Resp: 2024127

Ion Ratio Lower Upper

228 100

226 29.1 23.5 35.3

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.922 ng

RT: 21.477 min Scan# 3152

Delta R.T. -0.000 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

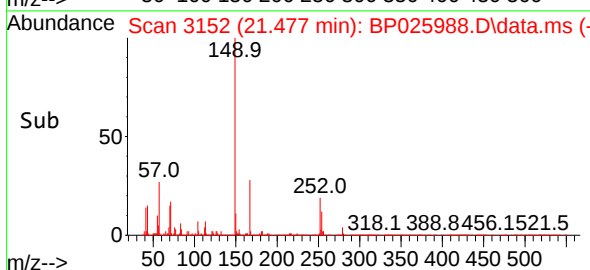
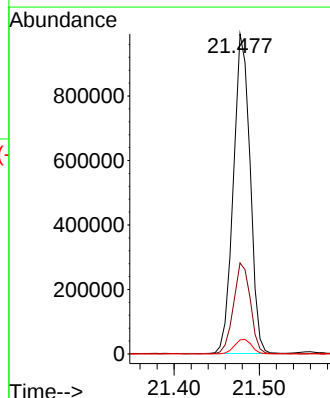
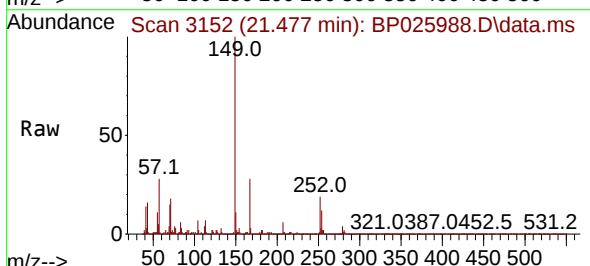
Tgt Ion:149 Resp: 1349016

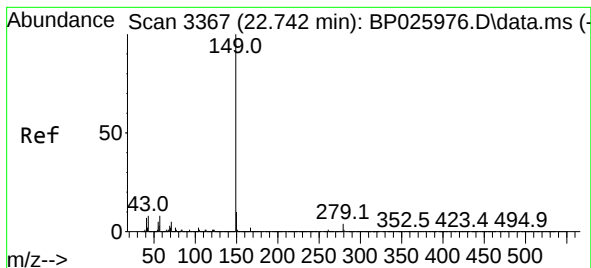
Ion Ratio Lower Upper

149 100

167 28.5 22.8 34.2

279 4.4 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 52.194 ng

RT: 22.736 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MH-22MS

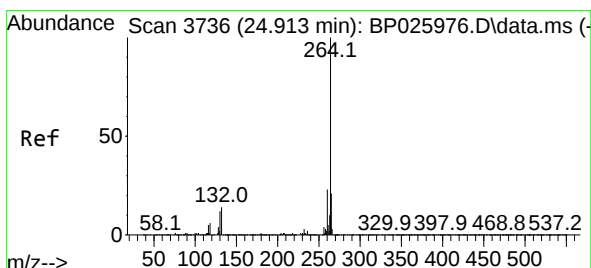
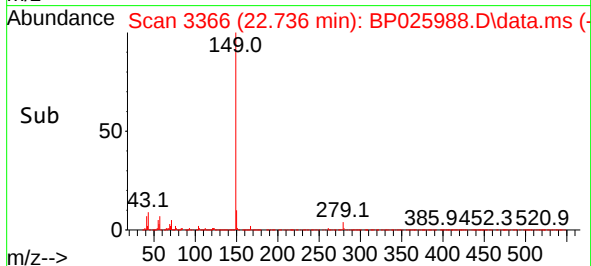
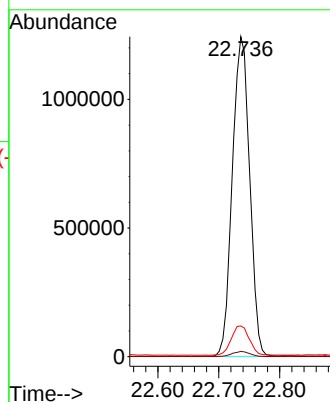
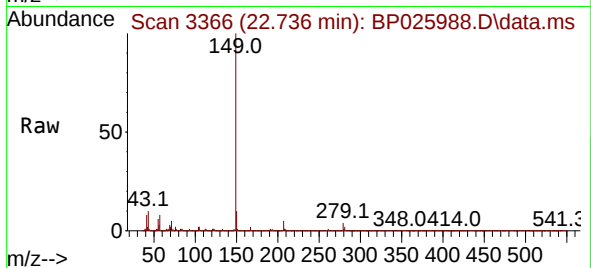
Tgt Ion:149 Resp: 2457517

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.5 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.907 min Scan# 3735

Delta R.T. -0.006 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

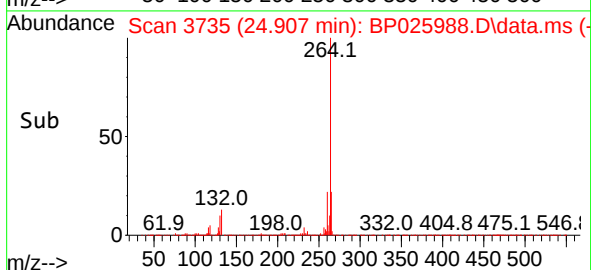
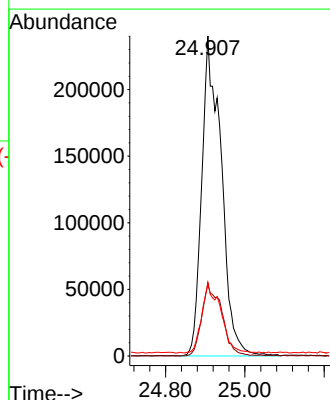
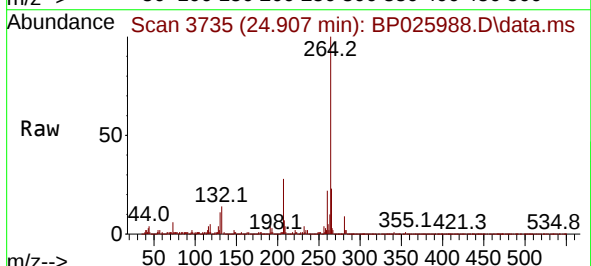
Tgt Ion:264 Resp: 819008

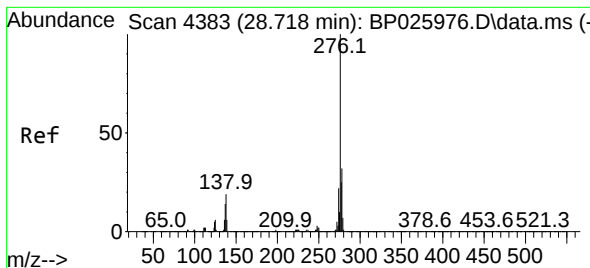
Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 23.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.963 ng

RT: 28.706 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MH-22MS

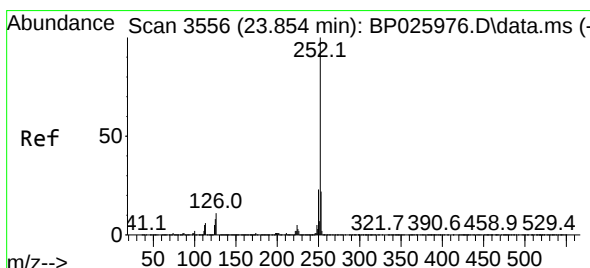
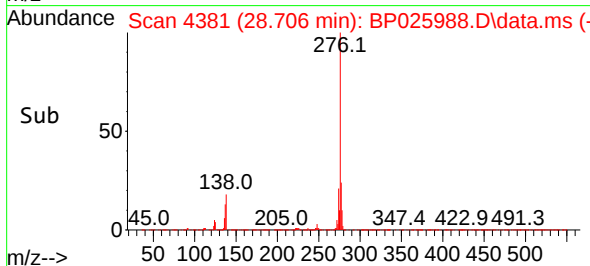
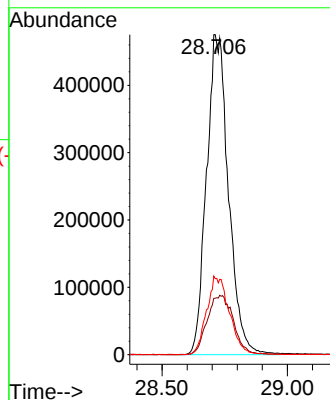
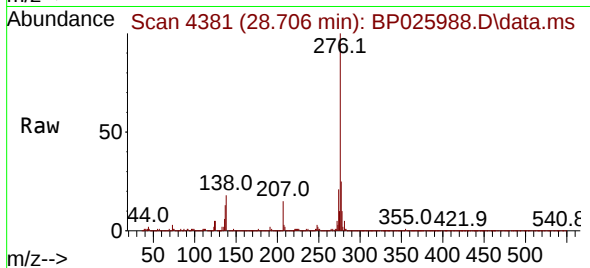
Tgt Ion:276 Resp: 2897368

Ion Ratio Lower Upper

276 100

138 0.0 17.4 26.0#

277 13.1 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 43.927 ng

RT: 23.860 min Scan# 3557

Delta R.T. 0.006 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

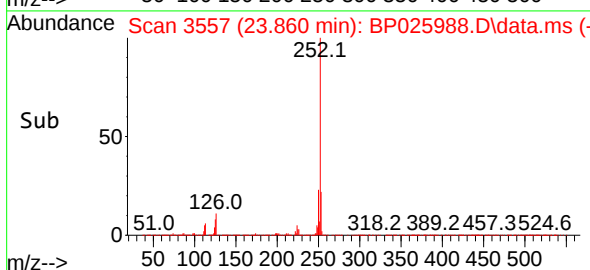
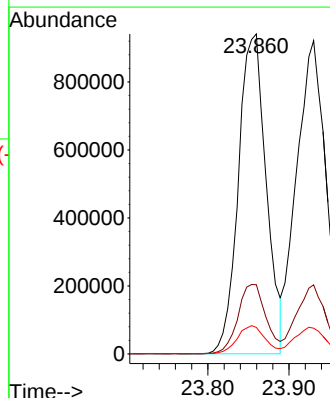
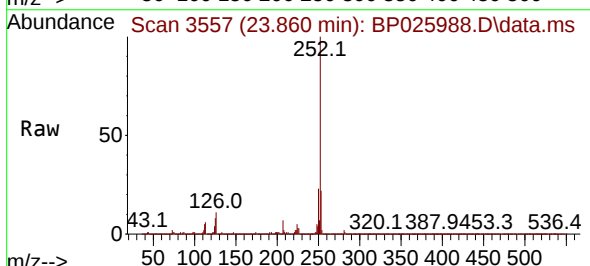
Tgt Ion:252 Resp: 2240593

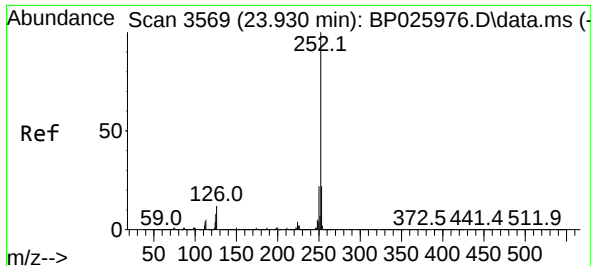
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 8.3 6.8 10.2

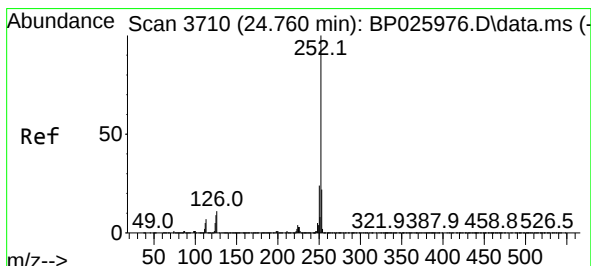
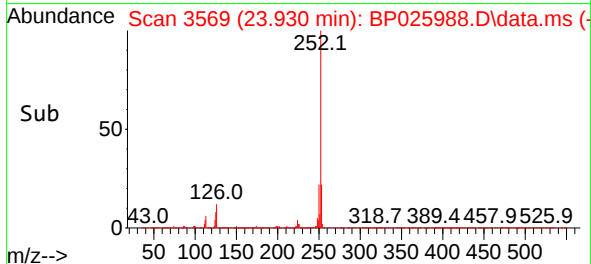
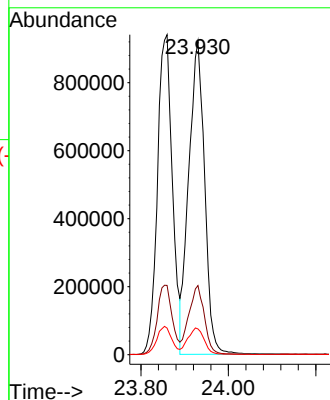
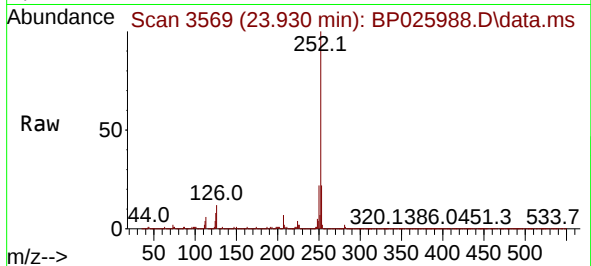




#89
Benzo(k)fluoranthene
Concen: 44.903 ng
RT: 23.930 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

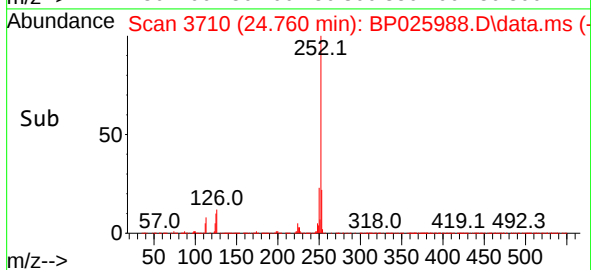
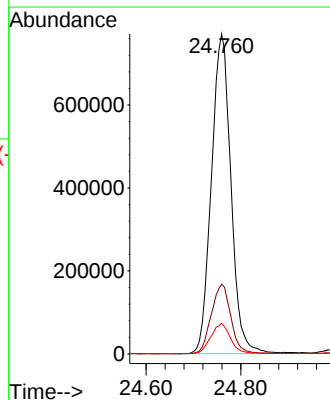
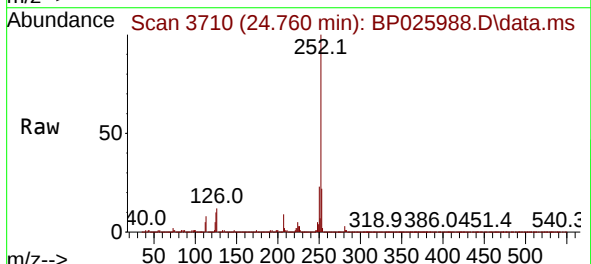
Instrument :
BNA_P
ClientSampleId :
MH-22MS

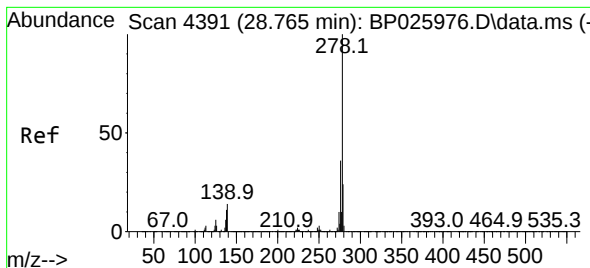
Tgt Ion:252 Resp: 2324443
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.2 6.6 10.0



#90
Benzo(a)pyrene
Concen: 44.449 ng
RT: 24.760 min Scan# 3710
Delta R.T. -0.000 min
Lab File: BP025988.D
Acq: 21 Oct 2025 16:17

Tgt Ion:252 Resp: 2202915
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.6 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 47.279 ng

RT: 28.777 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MH-22MS

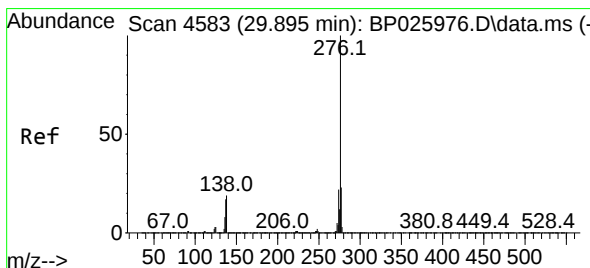
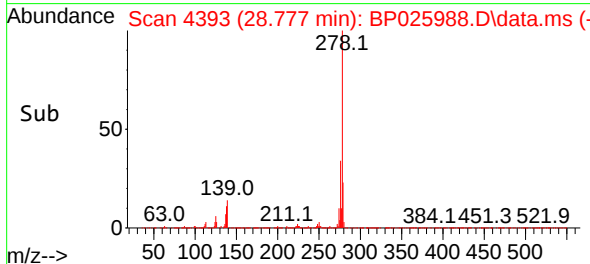
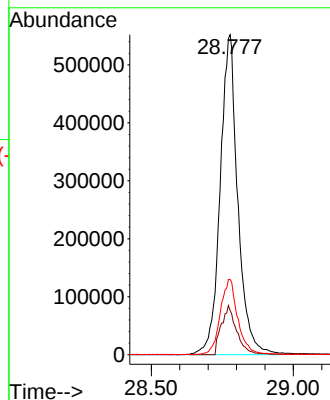
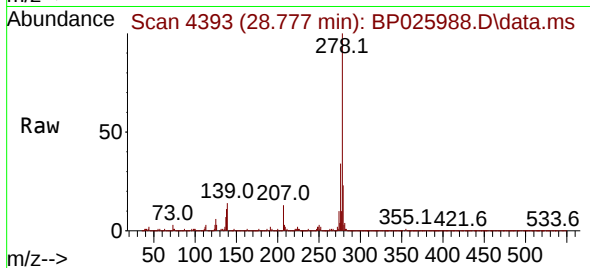
Tgt Ion:278 Resp: 2377766

Ion Ratio Lower Upper

278 100

139 13.8 10.9 16.3

279 23.5 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 47.910 ng

RT: 29.889 min Scan# 4582

Delta R.T. -0.006 min

Lab File: BP025988.D

Acq: 21 Oct 2025 16:17

Tgt Ion:276 Resp: 2360850

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 16.7 15.5 23.3

