

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072825\
 Data File : BP025250.D
 Acq On : 28 Jul 2025 15:28
 Operator : CG/JU
 Sample : PB169022BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169022BS

Quant Time: Jul 28 16:19:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 28 14:29:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.419	152	449345	20.000	ng	0.00
21) Naphthalene-d8	10.149	136	1813318	20.000	ng	0.00
39) Acenaphthene-d10	14.054	164	1164919	20.000	ng	0.01
64) Phenanthrene-d10	16.854	188	2324149	20.000	ng	0.01
76) Chrysene-d12	21.260	240	2420991	20.000	ng	0.00
86) Perylene-d12	24.324	264	2913432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3415104	128.416	ng	0.00
7) Phenol-d6	6.643	99	4224951	128.270	ng	0.00
23) Nitrobenzene-d5	8.549	82	2555594	78.322	ng	0.00
42) 2,4,6-Tribromophenol	15.578	330	2010263	117.056	ng	0.00
45) 2-Fluorobiphenyl	12.648	172	6625734	80.186	ng	0.00
79) Terphenyl-d14	19.595	244	10224835	83.371	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.108	88	379556	38.081	ng	98
3) Pyridine	3.555	79	271484	10.175	ng	98
4) n-Nitrosodimethylamine	3.396	42	477626	45.141	ng	# 94
6) Aniline	6.860	93	1147745	26.658	ng	# 57
8) 2-Chlorophenol	7.002	128	1417939	46.991	ng	98
9) Benzaldehyde	6.572	77	653675	29.270	ng	97
10) Phenol	6.672	94	1638444	47.965	ng	98
11) bis(2-Chloroethyl)ether	6.860	93	1147745	43.827	ng	99
12) 1,3-Dichlorobenzene	7.308	146	1469990	43.321	ng	99
13) 1,4-Dichlorobenzene	7.455	146	1498046	43.736	ng	100
14) 1,2-Dichlorobenzene	7.755	146	1437937	43.640	ng	99
15) Benzyl Alcohol	7.666	79	725745	30.546	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.931	45	1494527	44.602	ng	99
17) 2-Methylphenol	7.878	107	1098330	46.379	ng	99
18) Hexachloroethane	8.466	117	528813	44.894	ng	100
19) n-Nitroso-di-n-propyla...	8.213	70	875843	44.201	ng	98
20) 3+4-Methylphenols	8.202	107	1475101	45.664	ng	96
22) Acetophenone	8.225	105	1866717	44.241	ng	98
24) Nitrobenzene	8.590	77	1324305	45.530	ng	97
25) Isophorone	9.113	82	2490591	43.405	ng	99
26) 2-Nitrophenol	9.284	139	754428	45.167	ng	100
27) 2,4-Dimethylphenol	9.372	122	1278040	45.727	ng	99
28) bis(2-Chloroethoxy)met...	9.590	93	1591192	44.335	ng	100
29) 2,4-Dichlorophenol	9.849	162	1345603	46.862	ng	99
30) 1,2,4-Trichlorobenzene	10.019	180	1355545	43.222	ng	100
31) Naphthalene	10.196	128	4103489	44.223	ng	100
32) Benzoic acid	9.566	122	653297	30.618	ng	98
33) 4-Chloroaniline	10.431	127	541225	13.269	ng	99
34) Hexachlorobutadiene	10.490	225	825570	43.736	ng	99
35) Caprolactam	11.190	113	218647	22.943	ng	97
36) 4-Chloro-3-methylphenol	11.501	107	1276908	44.486	ng	99
37) 2-Methylnaphthalene	11.819	142	2643296	43.870	ng	100
38) 1-Methylnaphthalene	12.054	142	2806089	44.336	ng	99
40) 1,2,4,5-Tetrachloroben...	12.195	216	1553066	44.477	ng	99
41) Hexachlorocyclopentadiene	12.184	237	2085211	100.037	ng	99
43) 2,4,6-Trichlorophenol	12.466	196	1083224	45.402	ng	99

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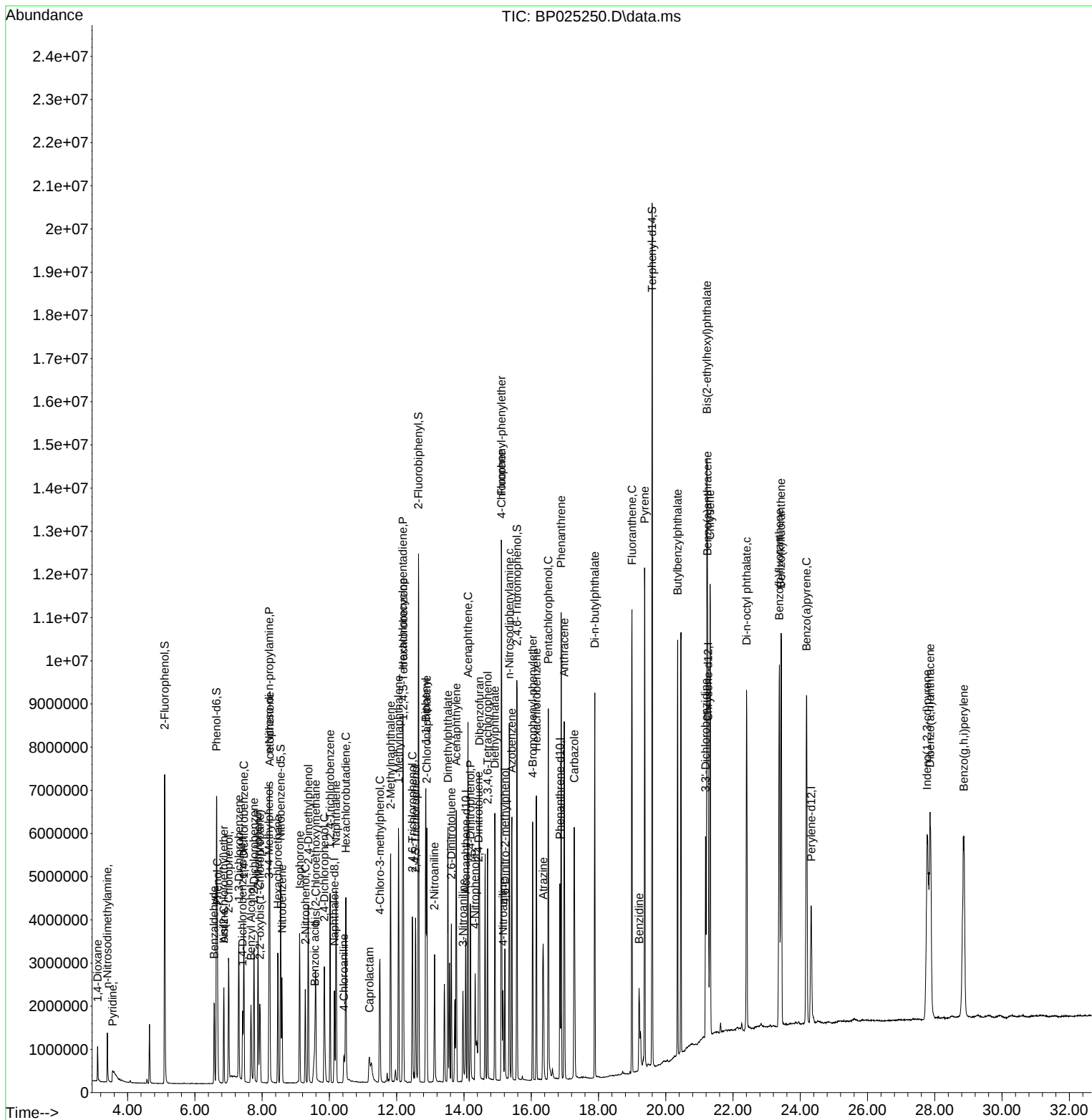
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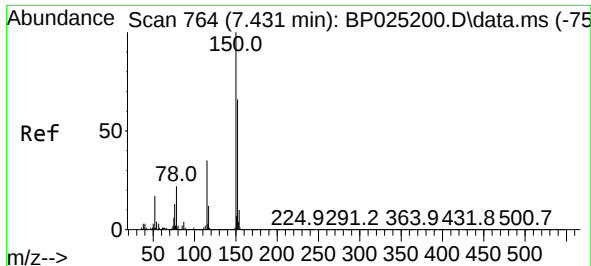
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 28 14:29:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1166850	44.442	ng	99
46) 1,1'-Biphenyl	12.866	154	3839327	45.464	ng	99
47) 2-Chloronaphthalene	12.895	162	2975882	45.137	ng	99
48) 2-Nitroaniline	13.125	65	803756	47.738	ng	98
49) Acenaphthylene	13.772	152	4934296	46.272	ng	100
50) Dimethylphthalate	13.525	163	3784027	45.420	ng	99
51) 2,6-Dinitrotoluene	13.625	165	843719	46.609	ng	97
52) Acenaphthene	14.119	154	2810534	45.578	ng	100
53) 3-Nitroaniline	13.972	138	644082	31.551	ng	100
54) 2,4-Dinitrophenol	14.190	184	1048713	97.778	ng	98
55) Dibenzofuran	14.460	168	4533663	45.516	ng	99
56) 4-Nitrophenol	14.331	139	773797	44.297	ng	92
57) 2,4-Dinitrotoluene	14.437	165	1213403	47.886	ng	95
58) Fluorene	15.113	166	3621528	45.798	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.701	232	1043914	44.927	ng	99
60) Diethylphthalate	14.919	149	3807151	46.365	ng	100
61) 4-Chlorophenyl-phenyle...	15.119	204	1839726	46.042	ng	98
62) 4-Nitroaniline	15.160	138	637339	30.699	ng	96
63) Azobenzene	15.425	77	3189391	47.664	ng	98
65) 4,6-Dinitro-2-methylph...	15.219	198	703280	46.888	ng	97
66) n-Nitrosodiphenylamine	15.348	169	3203025	45.405	ng	99
67) 4-Bromophenyl-phenylether	16.042	248	1230629	45.370	ng	99
68) Hexachlorobenzene	16.154	284	1426674	44.291	ng	96
69) Atrazine	16.354	200	1063709	40.749	ng	99
70) Pentachlorophenol	16.507	266	1691315	77.213	ng	99
71) Phenanthrene	16.889	178	5627601	44.894	ng	99
72) Anthracene	16.983	178	5918292	46.866	ng	100
73) Carbazole	17.278	167	5481934	45.475	ng	100
74) Di-n-butylphthalate	17.889	149	6555083	47.127	ng	99
75) Fluoranthene	18.995	202	6670760	45.217	ng	100
77) Benzidine	19.207	184	1642383	19.323	ng	99
78) Pyrene	19.372	202	6943510	46.515	ng	99
80) Butylbenzylphthalate	20.354	149	2978933	44.086	ng	99
81) Benzo(a)anthracene	21.242	228	7128909	46.629	ng	99
82) 3,3'-Dichlorobenzidine	21.183	252	1921909	30.326	ng	100
83) Chrysene	21.319	228	6655489	46.633	ng	99
84) Bis(2-ethylhexyl)phtha...	21.224	149	4400427	45.544	ng	100
85) Di-n-octyl phthalate	22.401	149	7554830	45.281	ng	100
87) Indeno(1,2,3-cd)pyrene	27.771	276	8166760	38.358	ng	# 95
88) Benzo(b)fluoranthene	23.377	252	7606036	45.609	ng	100
89) Benzo(k)fluoranthene	23.430	252	7697837	46.756	ng	99
90) Benzo(a)pyrene	24.183	252	7438198	45.714	ng	99
91) Dibenzo(a,h)anthracene	27.859	278	8060429	46.404	ng	99
92) Benzo(g,h,i)perylene	28.859	276	7939841	46.513	ng	99

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

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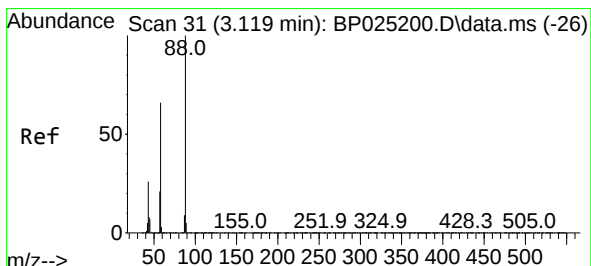
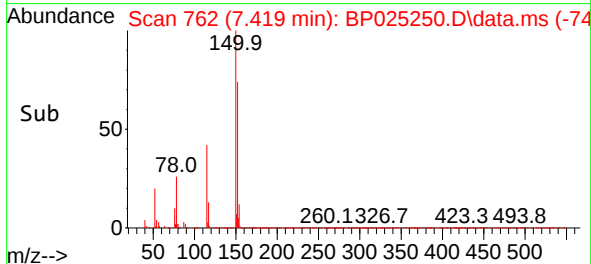
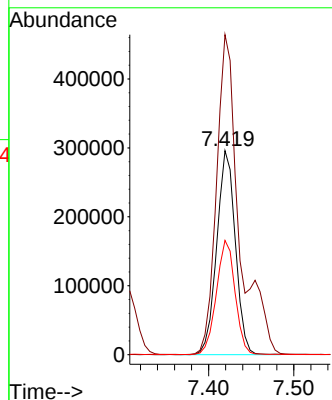
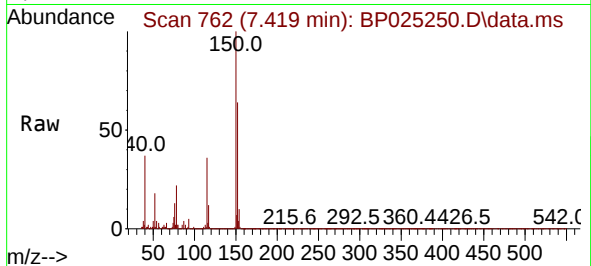




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.419 min Scan# 70
 Delta R.T. 0.005 min
 Lab File: BP025250.D
 Acq: 28 Jul 2025 15:28

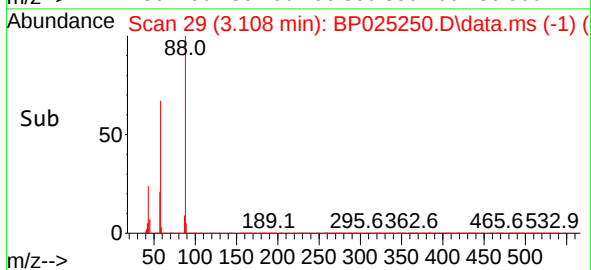
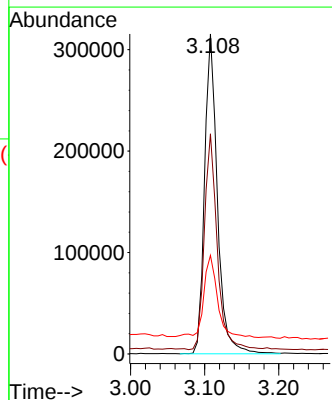
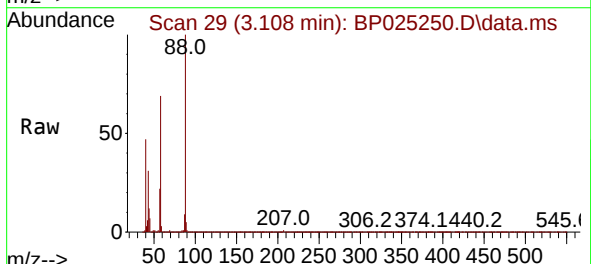
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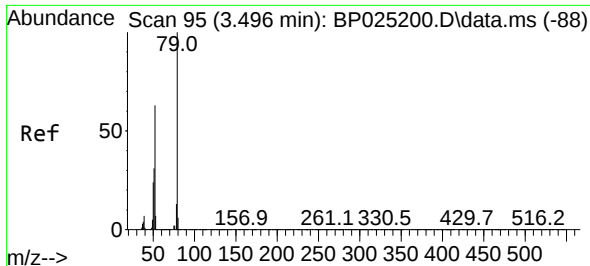
Tgt Ion:152 Resp: 449345
 Ion Ratio Lower Upper
 152 100
 150 156.9 121.9 182.9
 115 56.0 43.0 64.6



#2
 1,4-Dioxane
 Concen: 38.081 ng
 RT: 3.108 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BP025250.D
 Acq: 28 Jul 2025 15:28

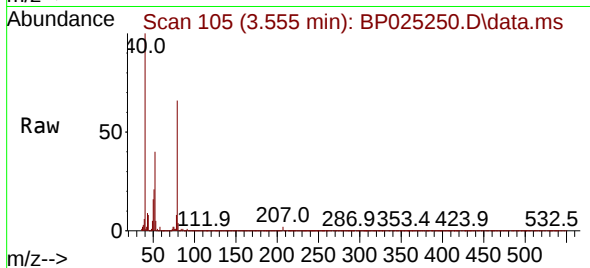
Tgt Ion: 88 Resp: 379556
 Ion Ratio Lower Upper
 88 100
 58 67.6 53.5 80.3
 43 27.7 20.8 31.2



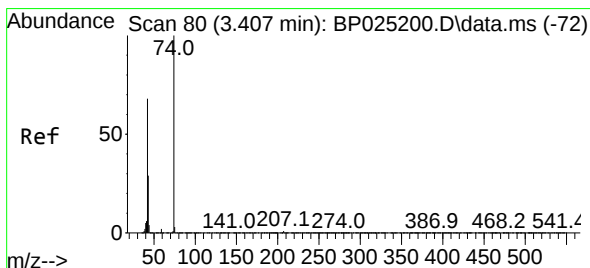
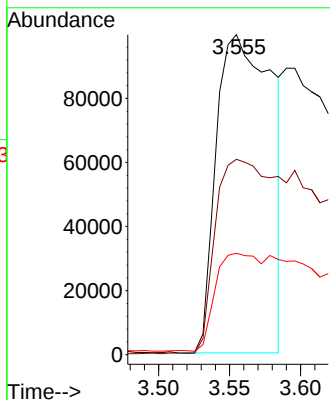
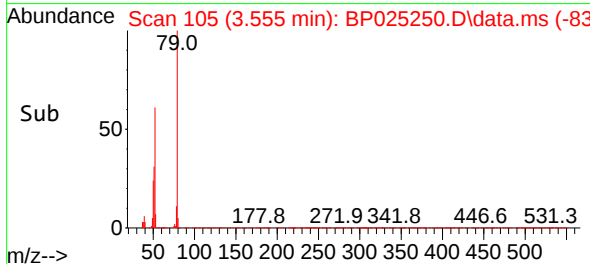


#3
Pyridine
Concen: 10.175 ng
RT: 3.555 min Scan# 105
Delta R.T. 0.029 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

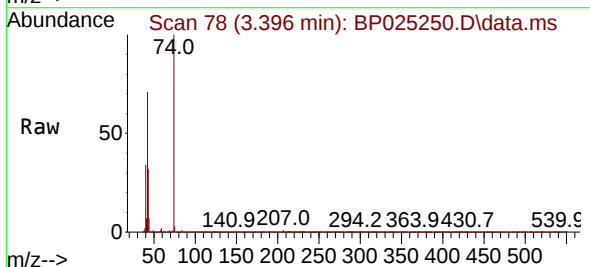
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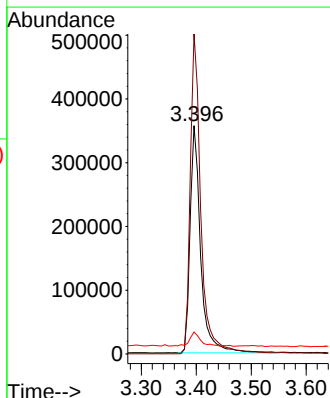
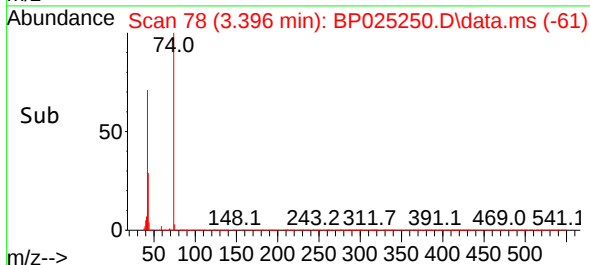
Tgt Ion: 79 Resp: 271484
Ion Ratio Lower Upper
79 100
52 61.1 50.2 75.4
51 31.7 25.0 37.4

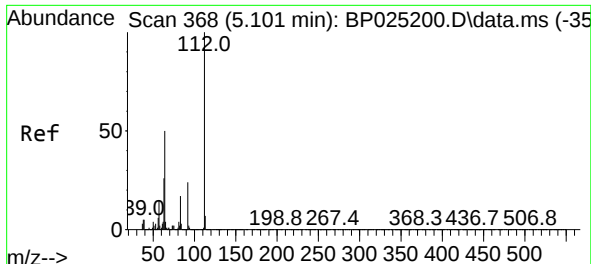


#4
n-Nitrosodimethylamine
Concen: 45.141 ng
RT: 3.396 min Scan# 78
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28



Tgt Ion: 42 Resp: 477626
Ion Ratio Lower Upper
42 100
74 140.2 118.0 177.0
44 9.6 5.5 8.3

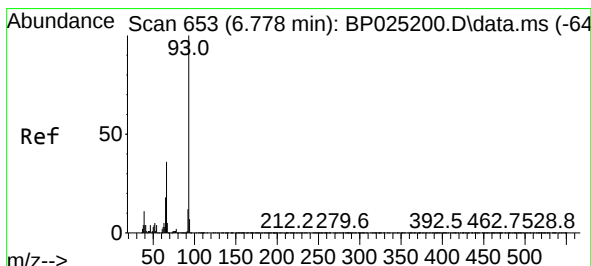
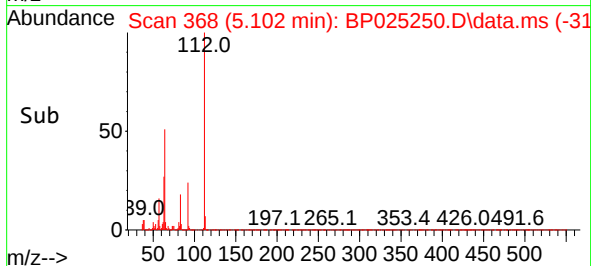
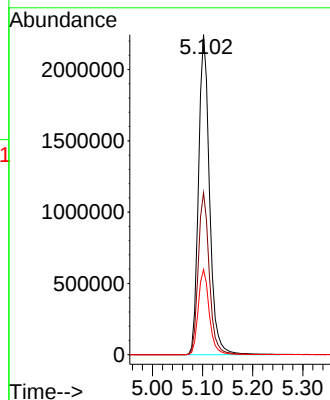
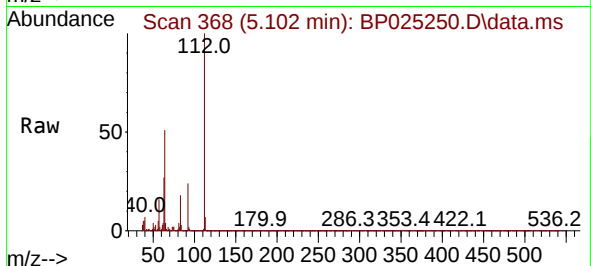




#5
2-Fluorophenol
Concen: 128.416 ng
RT: 5.102 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

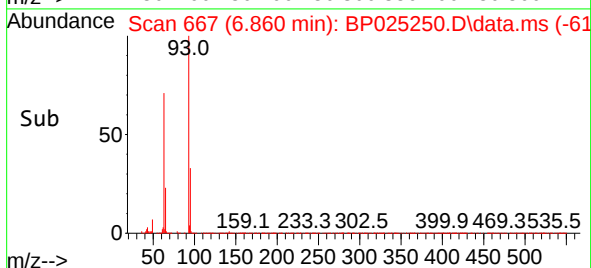
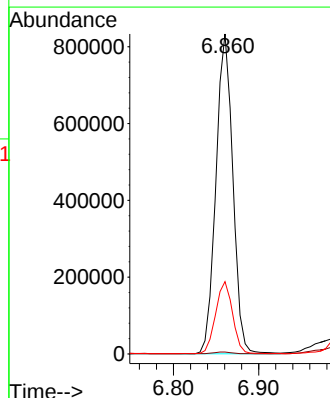
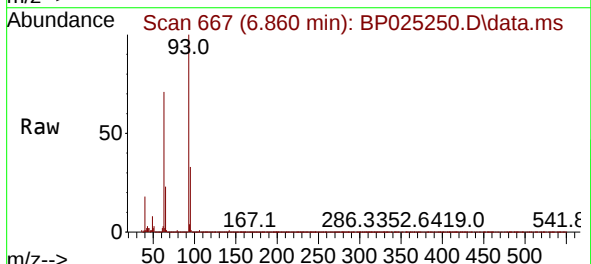
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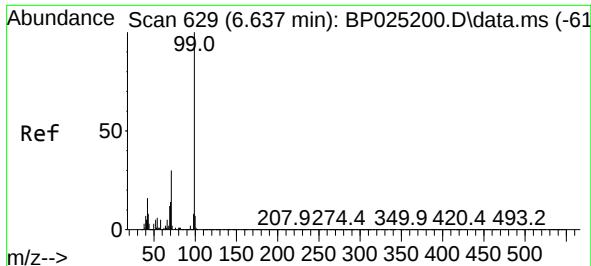
Tgt Ion:112 Resp: 3415104
Ion Ratio Lower Upper
112 100
64 50.6 39.8 59.6
63 26.6 20.5 30.7



#6
Aniline
Concen: 26.658 ng
RT: 6.860 min Scan# 667
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion: 93 Resp: 1147745
Ion Ratio Lower Upper
93 100
66 0.6 28.6 43.0#
65 22.6 14.6 21.8#

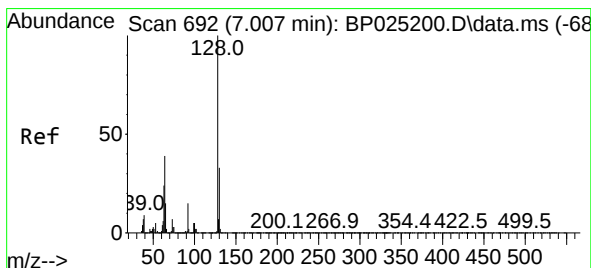
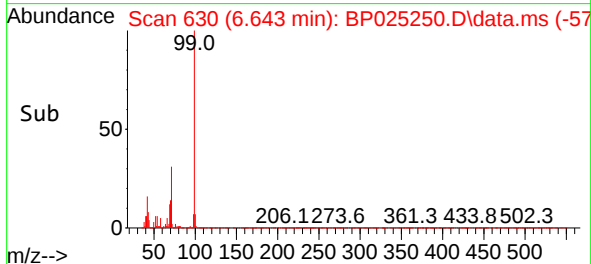
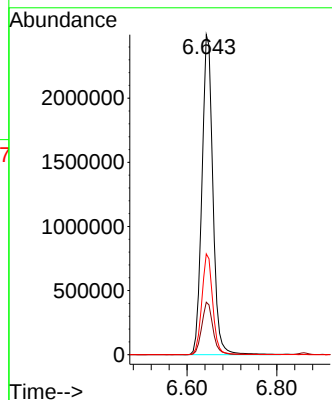
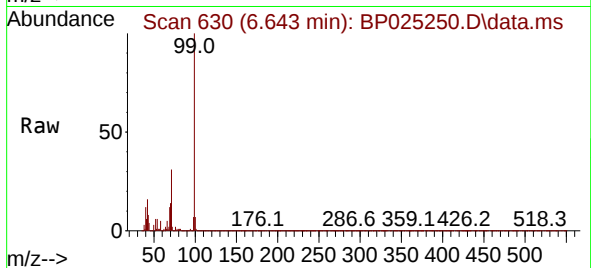




#7
Phenol-d6
Concen: 128.270 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

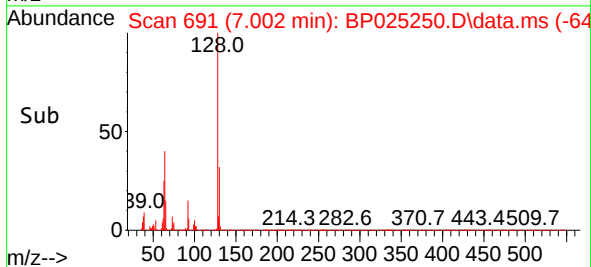
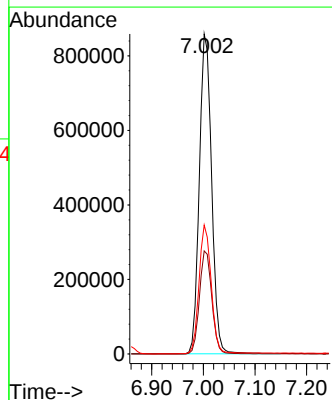
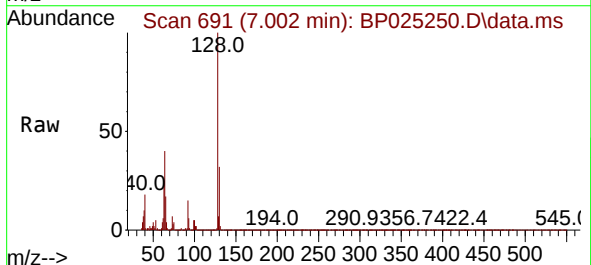
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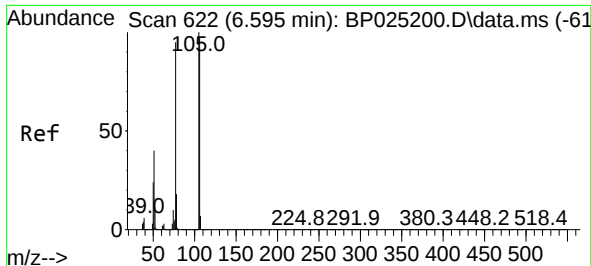
Tgt Ion: 99 Resp: 4224951
Ion Ratio Lower Upper
99 100
42 16.4 12.5 18.7
71 31.5 24.2 36.2



#8
2-Chlorophenol
Concen: 46.991 ng
RT: 7.002 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:128 Resp: 1417939
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 40.3 19.2 59.2

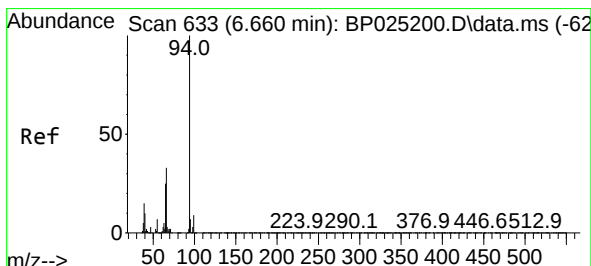
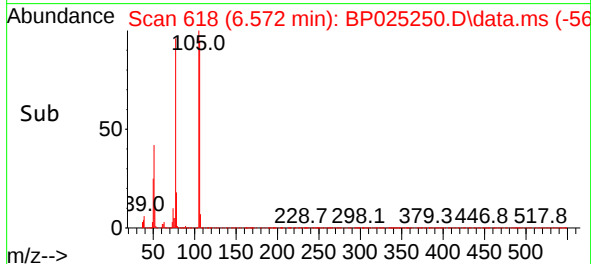
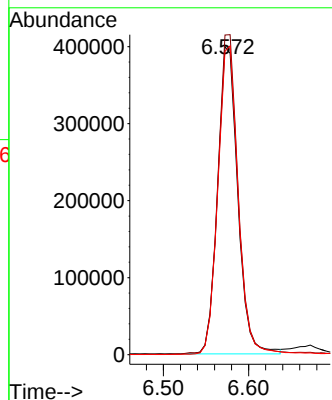
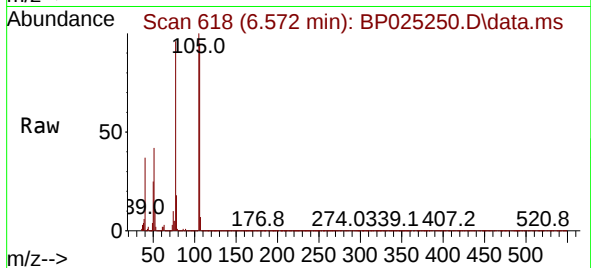




#9
Benzaldehyde
Concen: 29.270 ng
RT: 6.572 min Scan# 618
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

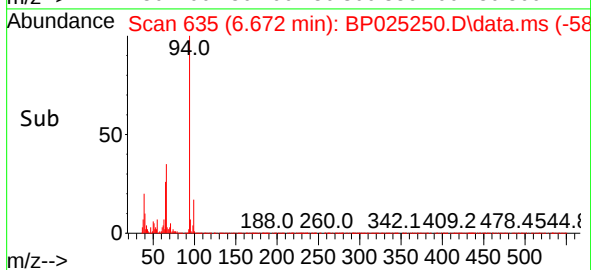
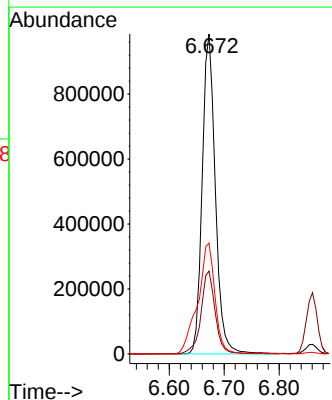
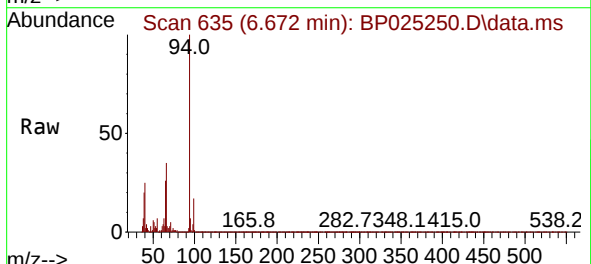
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ClientSampleId :
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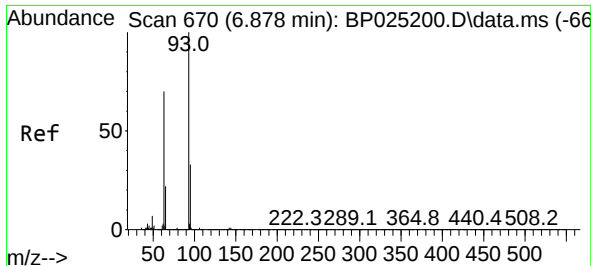
Tgt Ion: 77 Resp: 653675
Ion Ratio Lower Upper
77 100
105 103.8 85.5 125.5
106 98.5 81.9 121.9



#10
Phenol
Concen: 47.965 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion: 94 Resp: 1638444
Ion Ratio Lower Upper
94 100
65 25.9 5.4 45.4
66 34.7 13.5 53.5

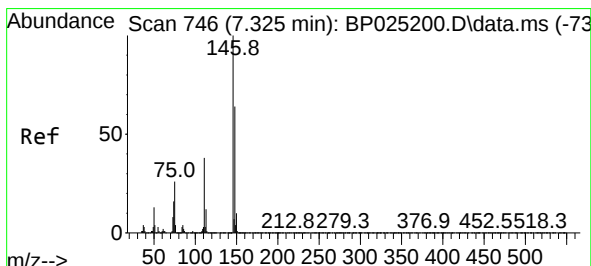
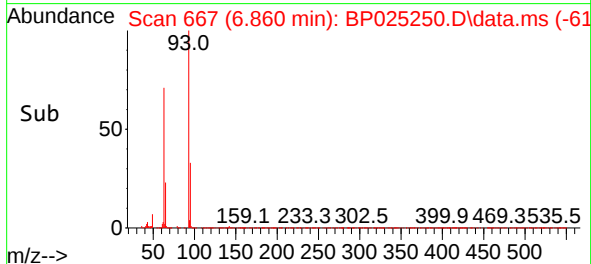
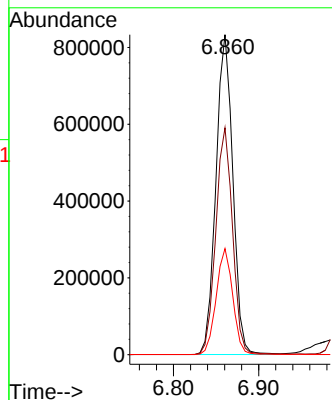
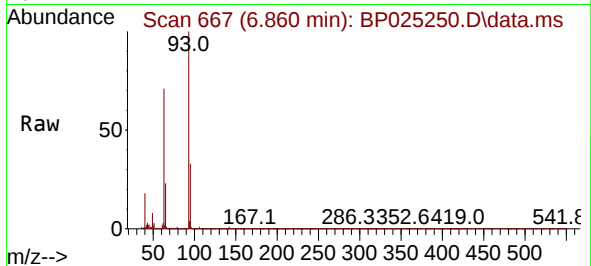




#11
bis(2-Chloroethyl)ether
Concen: 43.827 ng
RT: 6.860 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

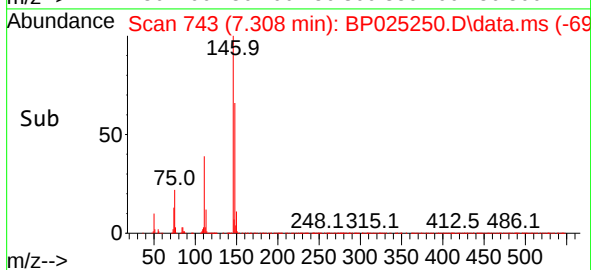
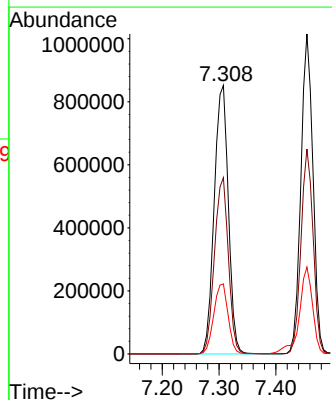
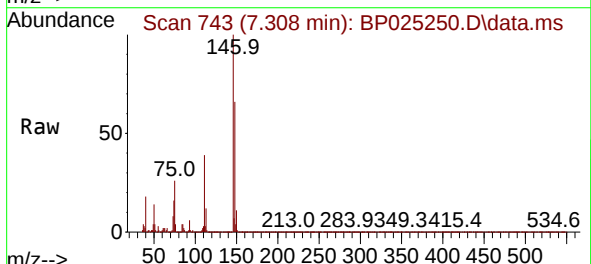
Instrument :
BNA_P
ClientSampleId :
PB169022BS

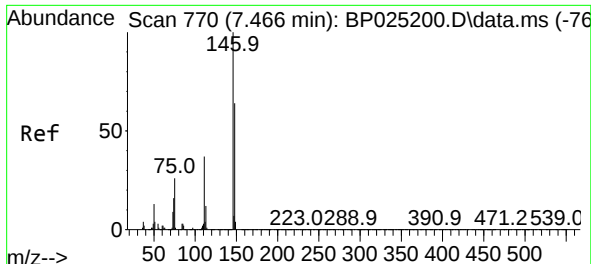
Tgt Ion: 93 Resp: 1147745
Ion Ratio Lower Upper
93 100
63 70.9 50.0 90.0
95 33.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.321 ng
RT: 7.308 min Scan# 743
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:146 Resp: 1469990
Ion Ratio Lower Upper
146 100
148 65.7 51.4 77.0
75 26.1 20.6 31.0

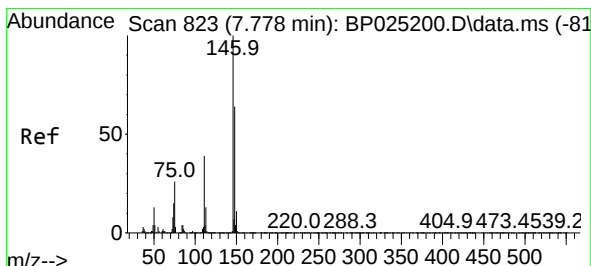
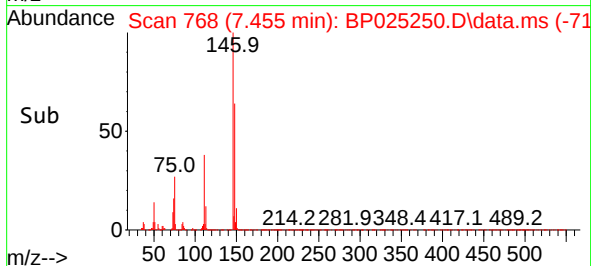
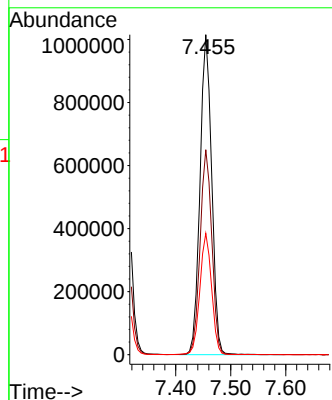
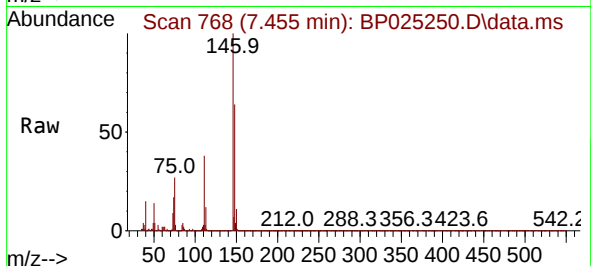




#13
1,4-Dichlorobenzene
Concen: 43.736 ng
RT: 7.455 min Scan# 70
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

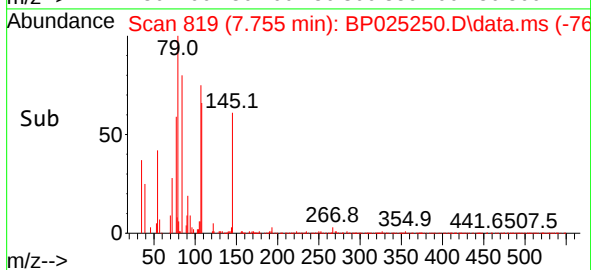
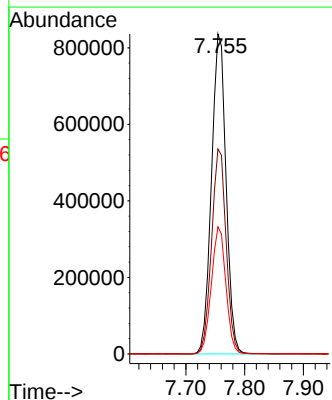
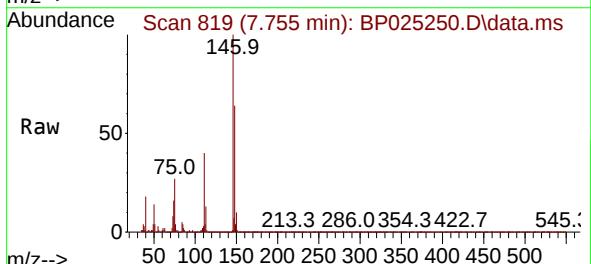
Instrument :
BNA_P
ClientSampleId :
PB169022BS

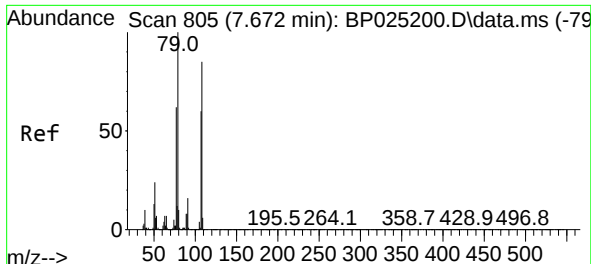
Tgt Ion:146 Resp: 1498046
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 37.9 29.9 44.9



#14
1,2-Dichlorobenzene
Concen: 43.640 ng
RT: 7.755 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:146 Resp: 1437937
Ion Ratio Lower Upper
146 100
148 64.0 51.5 77.3
111 39.7 31.3 46.9

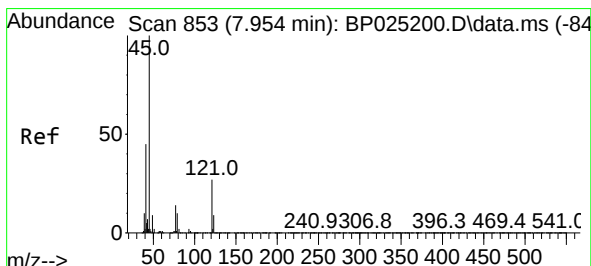
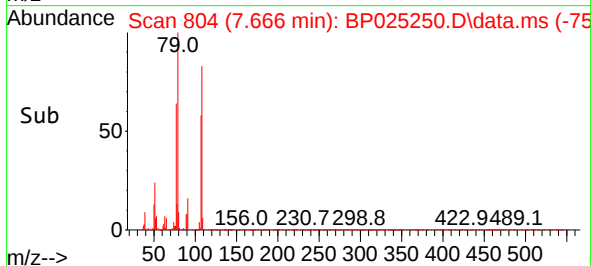
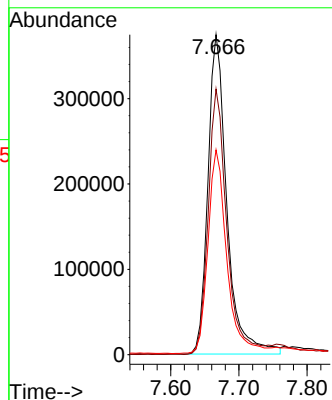
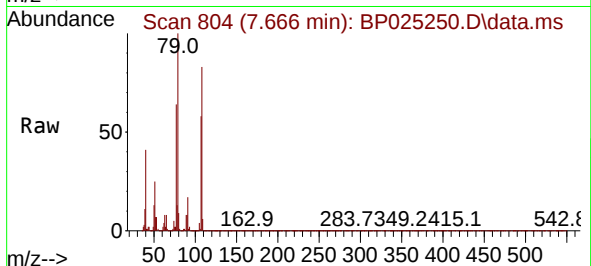




#15
Benzyl Alcohol
Concen: 30.546 ng
RT: 7.666 min Scan# 804
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

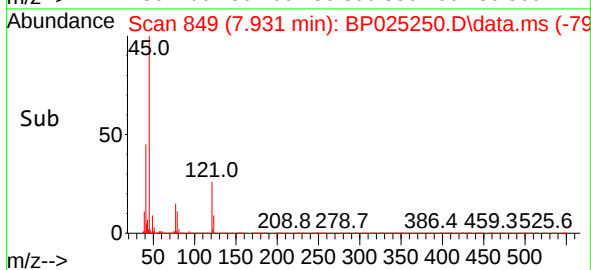
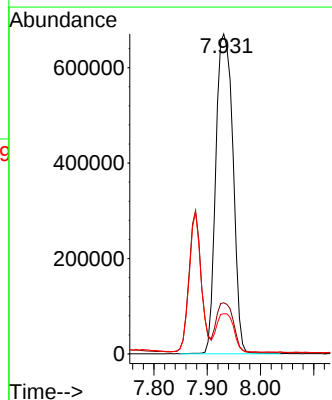
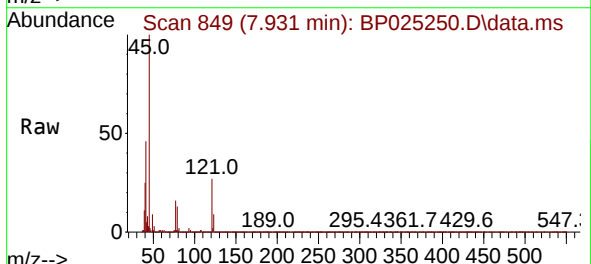
Instrument :
BNA_P
ClientSampleId :
PB169022BS

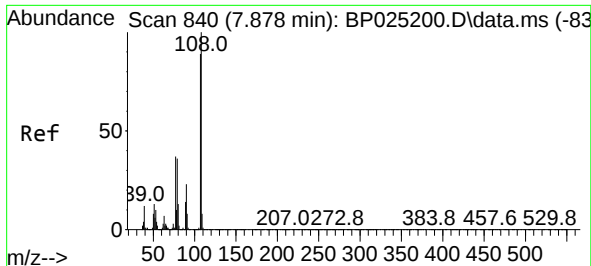
Tgt Ion: 79 Resp: 725745
Ion Ratio Lower Upper
79 100
108 83.0 67.8 101.6
77 64.0 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.602 ng
RT: 7.931 min Scan# 849
Delta R.T. -0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion: 45 Resp: 1494527
Ion Ratio Lower Upper
45 100
77 16.0 0.0 36.0
79 12.6 0.0 31.7

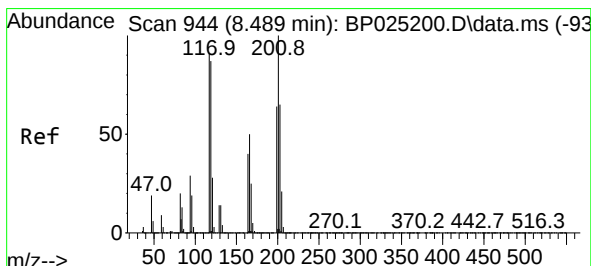
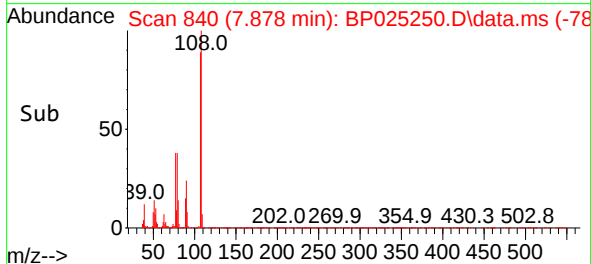
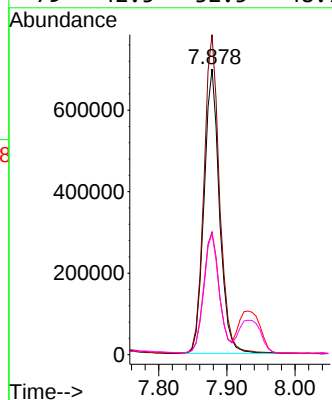
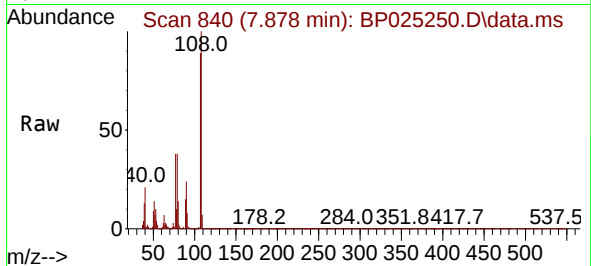




#17
2-Methylphenol
Concen: 46.379 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

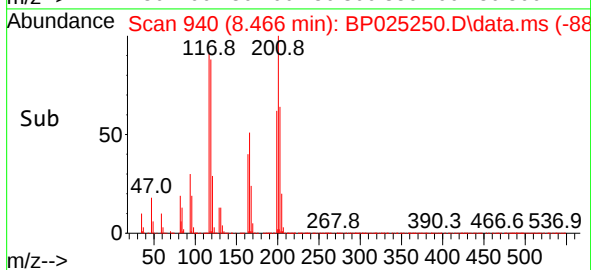
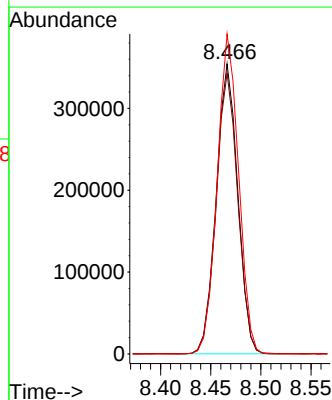
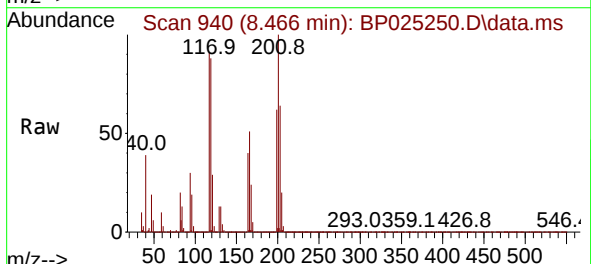
Instrument :
BNA_P
ClientSampleId :
PB169022BS

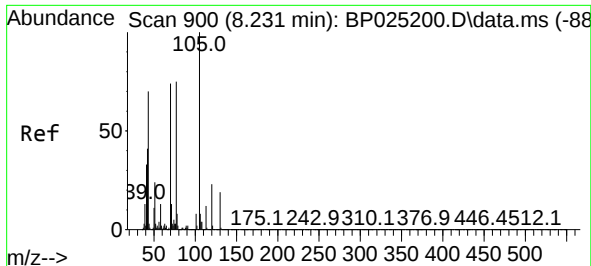
Tgt Ion:107 Resp: 1098330
Ion Ratio Lower Upper
107 100
108 112.1 89.8 134.8
77 42.9 33.2 49.8
79 42.5 32.5 48.7



#18
Hexachloroethane
Concen: 44.894 ng
RT: 8.466 min Scan# 940
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:117 Resp: 528813
Ion Ratio Lower Upper
117 100
119 96.7 77.0 115.6
201 110.3 88.3 132.5

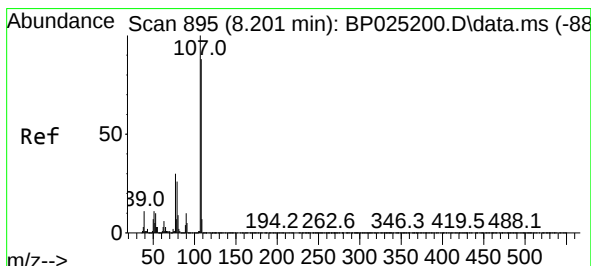
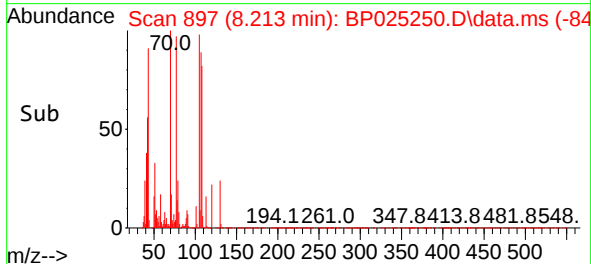
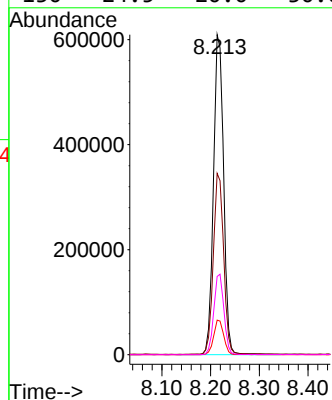
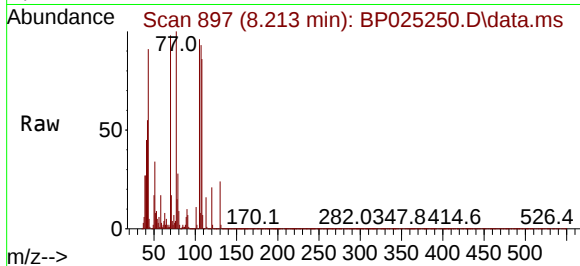




#19
n-Nitroso-di-n-propylamine
Concen: 44.201 ng
RT: 8.213 min Scan# 897
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

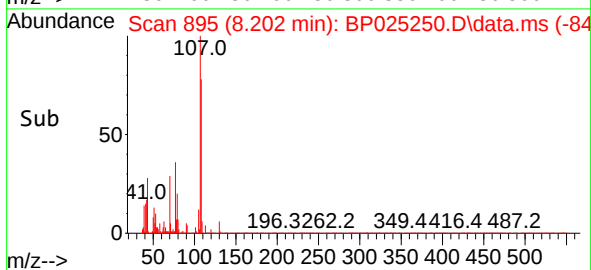
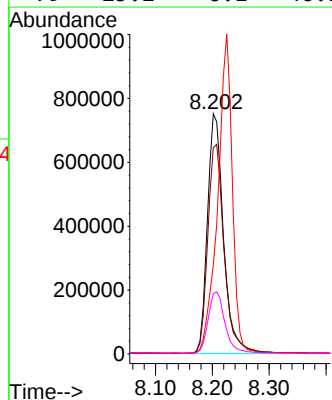
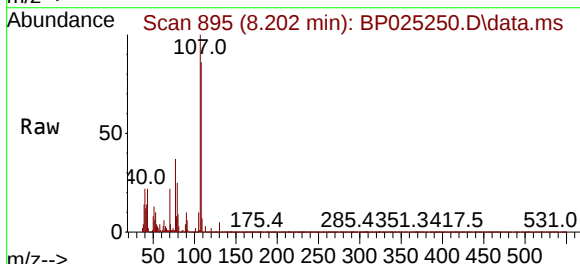
Instrument :
BNA_P
ClientSampleId :
PB169022BS

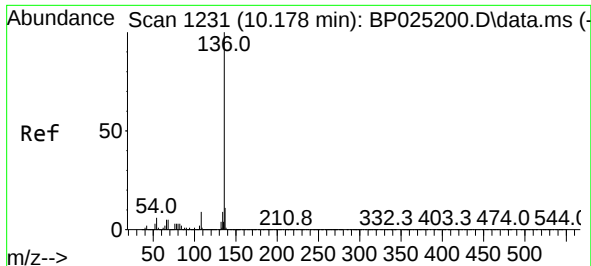
Tgt Ion: 70 Resp: 875843
Ion Ratio Lower Upper
70 100
42 56.7 44.2 66.2
101 10.8 8.6 12.8
130 24.5 20.0 30.0



#20
3+4-Methylphenols
Concen: 45.664 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion: 107 Resp: 1475101
Ion Ratio Lower Upper
107 100
108 85.9 67.8 107.8
77 37.2 10.3 50.3
79 25.2 6.1 46.1



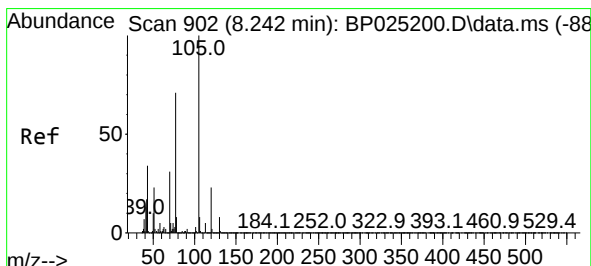
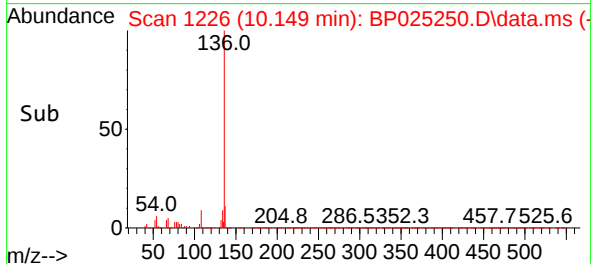
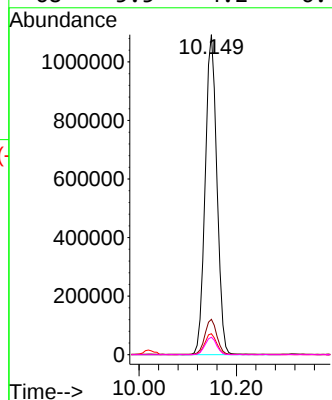
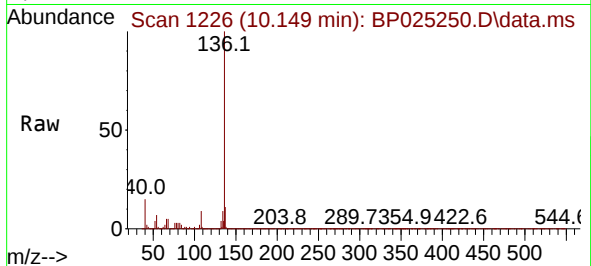


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.149 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Instrument :
BNA_P
ClientSampleId :
PB169022BS

Tgt Ion:136 Resp: 1813318

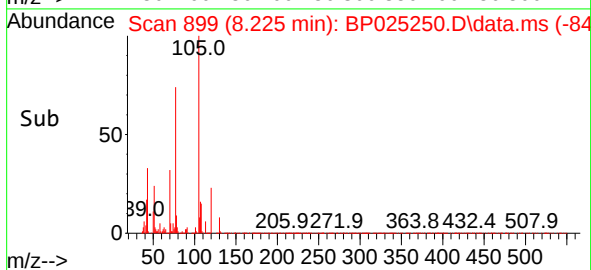
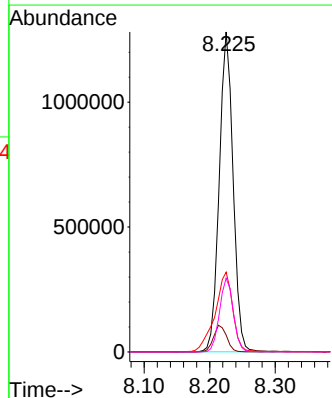
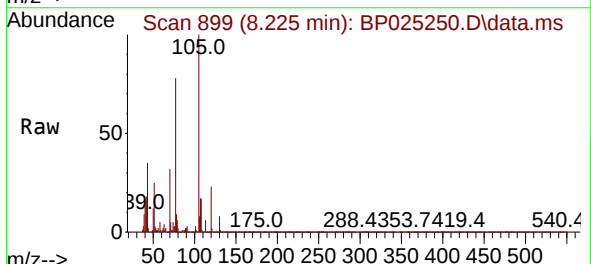
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.1	7.7
68	5.5	4.2	6.4

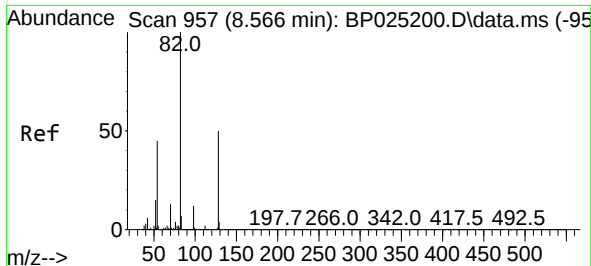


#22
Acetophenone
Concen: 44.241 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:105 Resp: 1866717

Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.1	6.1
51	25.0	18.5	27.7
120	23.1	18.6	28.0

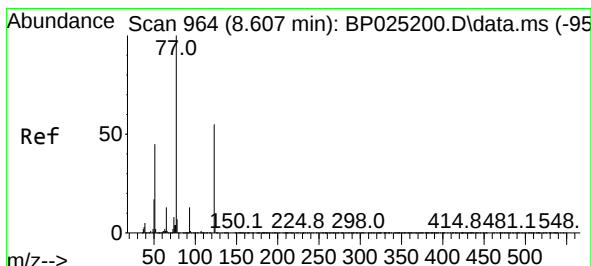
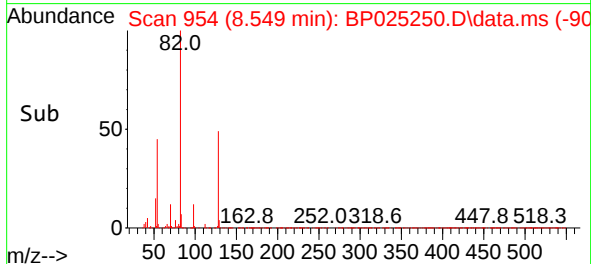
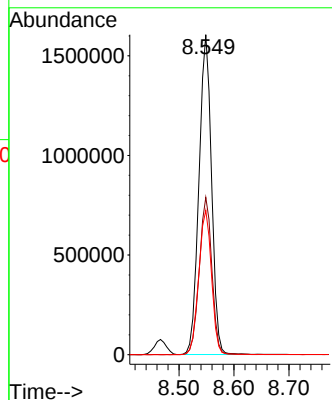
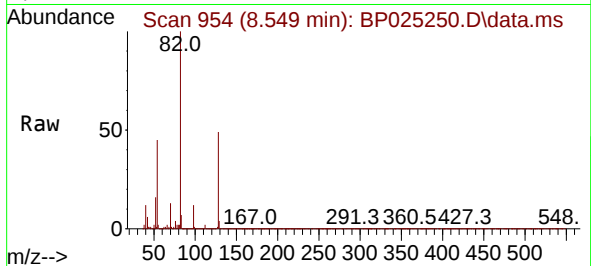




#23
Nitrobenzene-d5
Concen: 78.322 ng
RT: 8.549 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

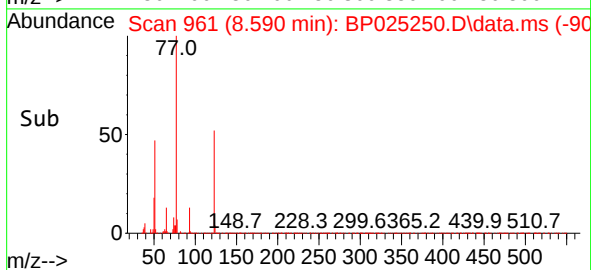
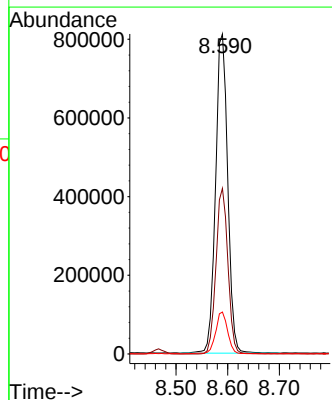
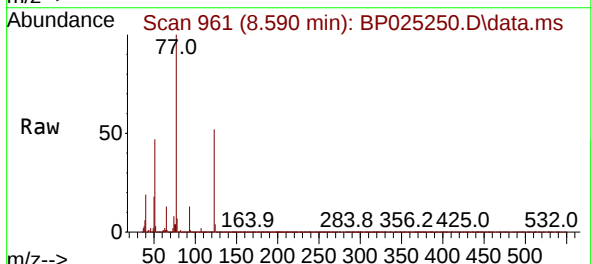
Instrument :
BNA_P
ClientSampleId :
PB169022BS

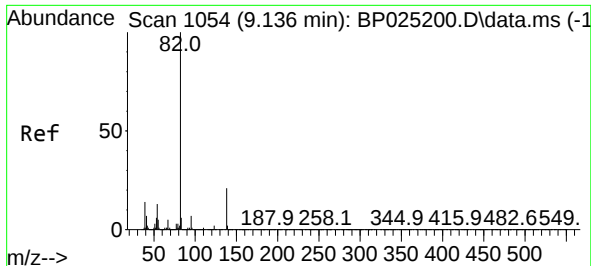
Tgt Ion: 82 Resp: 2555594
Ion Ratio Lower Upper
82 100
128 49.2 40.2 60.4
54 45.1 36.3 54.5



#24
Nitrobenzene
Concen: 45.530 ng
RT: 8.590 min Scan# 961
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion: 77 Resp: 1324305
Ion Ratio Lower Upper
77 100
123 51.8 43.6 65.4
65 13.1 10.2 15.2

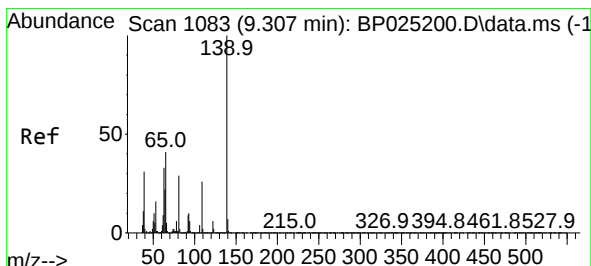
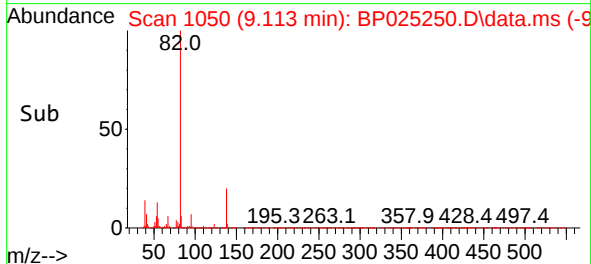
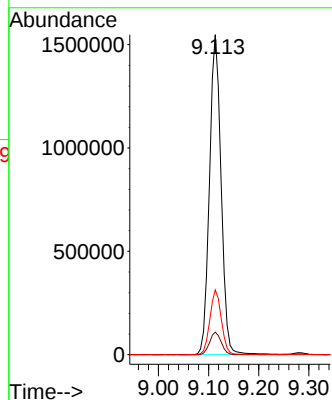
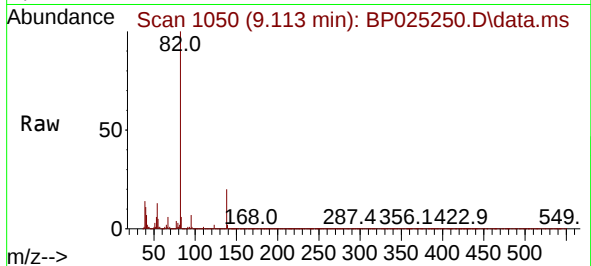




#25
Isophorone
Concen: 43.405 ng
RT: 9.113 min Scan# 1050
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

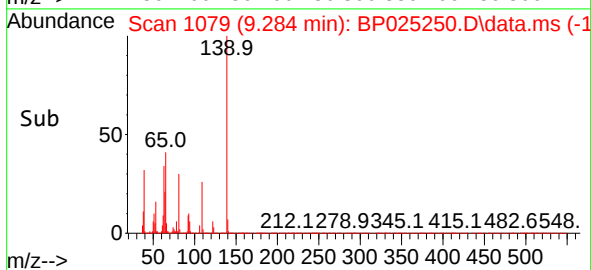
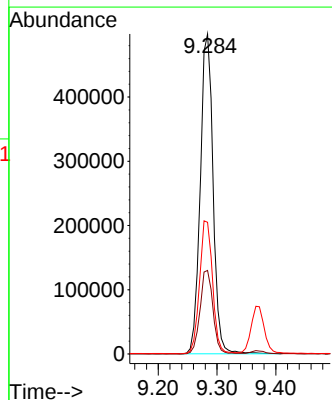
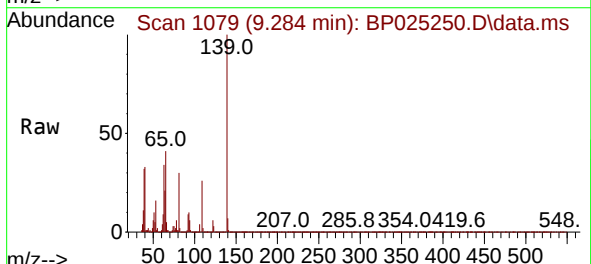
Instrument :
BNA_P
ClientSampleId :
PB169022BS

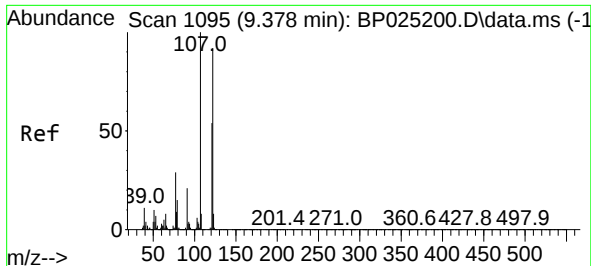
Tgt Ion: 82 Resp: 2490591
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 20.2 16.6 25.0



#26
2-Nitrophenol
Concen: 45.167 ng
RT: 9.284 min Scan# 1079
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion: 139 Resp: 754428
Ion Ratio Lower Upper
139 100
109 26.1 21.0 31.6
65 41.2 32.7 49.1





#27

2,4-Dimethylphenol

Concen: 45.727 ng

RT: 9.372 min Scan# 1095

Delta R.T. 0.006 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

Instrument :

BNA_P

ClientSampleId :

PB169022BS

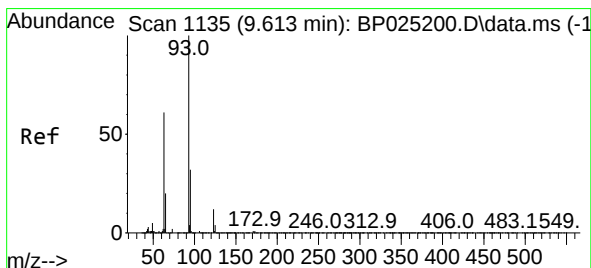
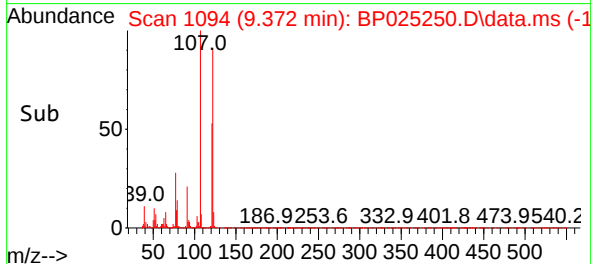
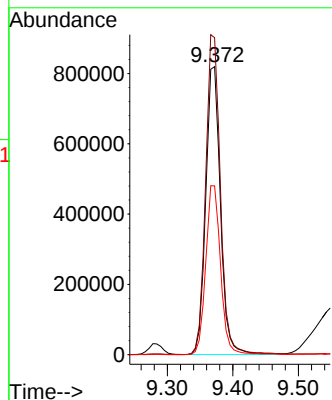
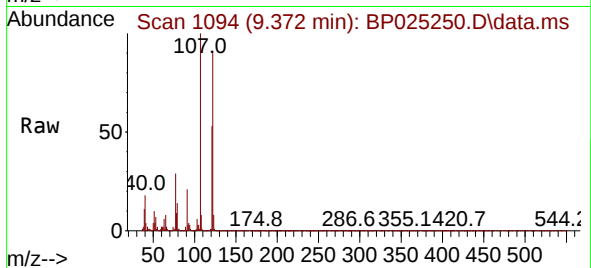
Tgt Ion:122 Resp: 1278040

Ion Ratio Lower Upper

122 100

107 110.1 87.0 130.4

121 58.6 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.335 ng

RT: 9.590 min Scan# 1131

Delta R.T. 0.012 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

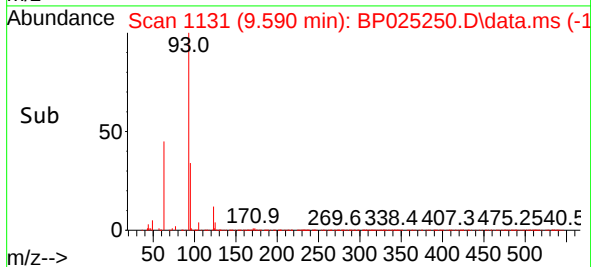
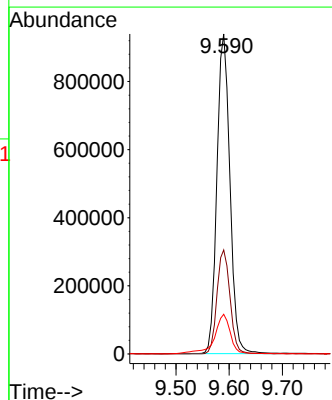
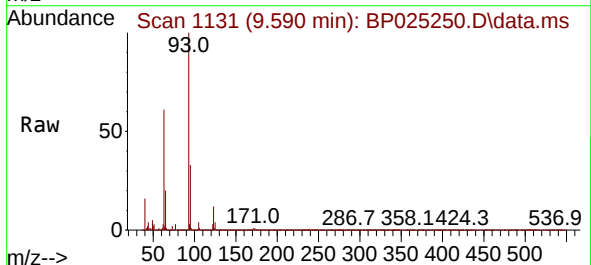
Tgt Ion: 93 Resp: 1591192

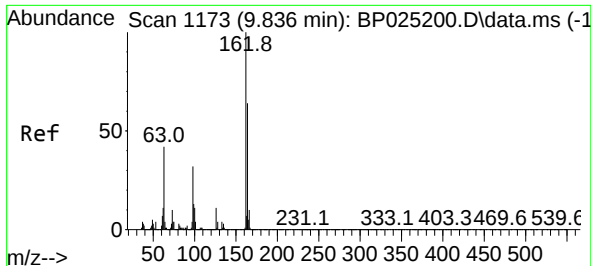
Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 12.4 9.8 14.6

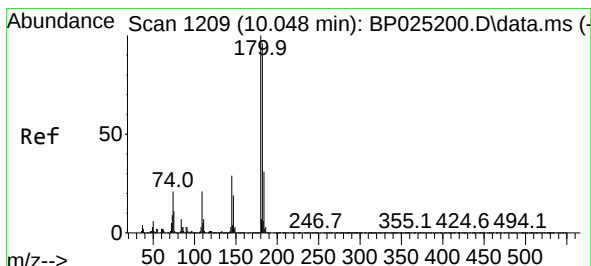
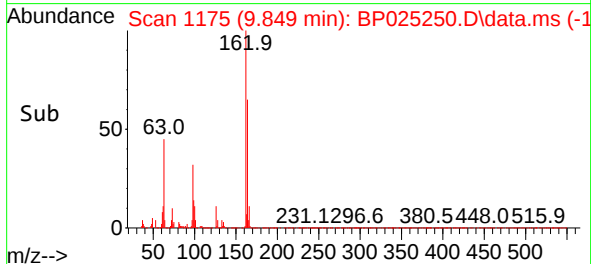
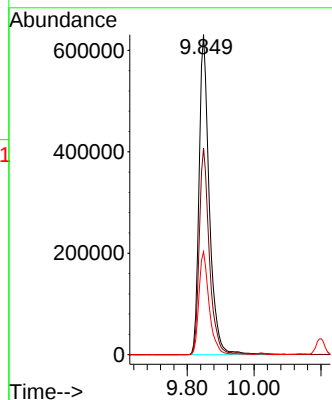
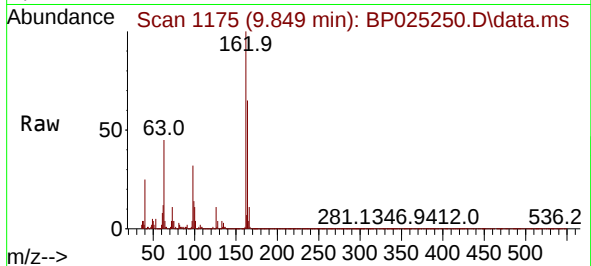




#29
2,4-Dichlorophenol
Concen: 46.862 ng
RT: 9.849 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

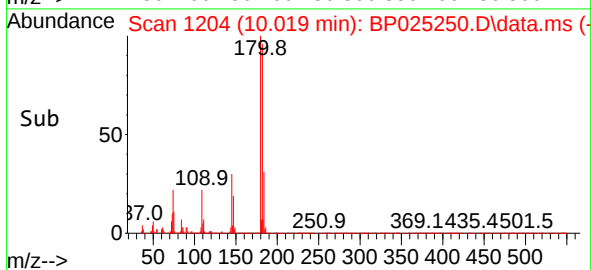
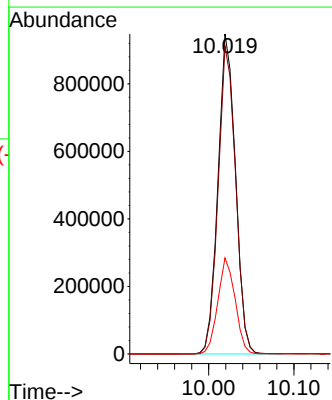
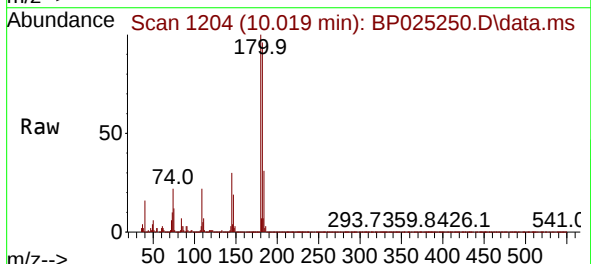
Instrument :
BNA_P
ClientSampleId :
PB169022BS

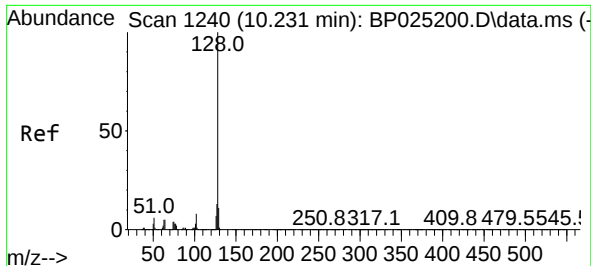
Tgt Ion:162 Resp: 1345603
Ion Ratio Lower Upper
162 100
164 64.6 44.2 84.2
98 32.2 11.7 51.7



#30
1,2,4-Trichlorobenzene
Concen: 43.222 ng
RT: 10.019 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:180 Resp: 1355545
Ion Ratio Lower Upper
180 100
182 96.2 76.7 115.1
145 30.0 23.5 35.3

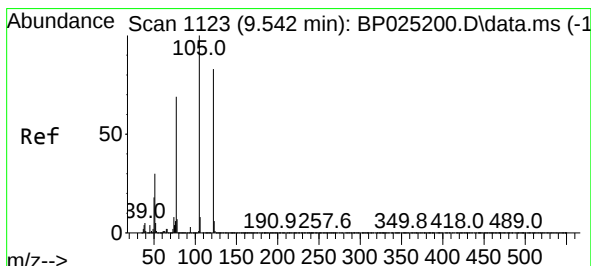
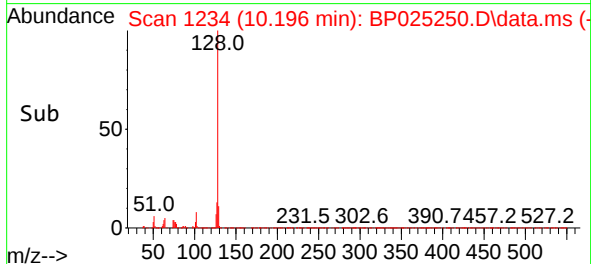
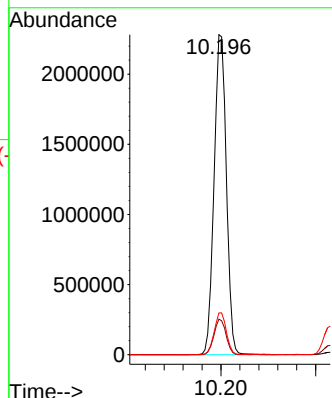
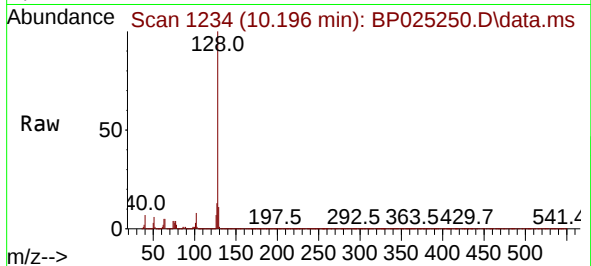




#31
Naphthalene
Concen: 44.223 ng
RT: 10.196 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

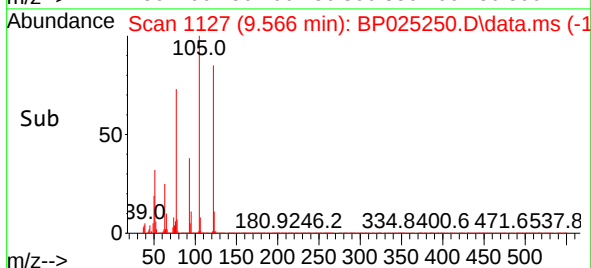
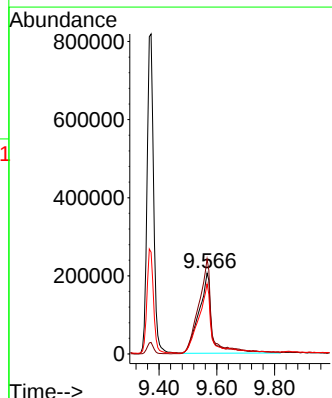
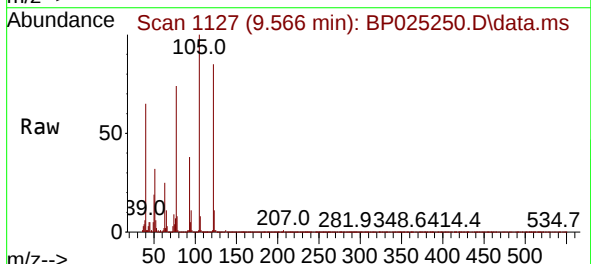
Instrument :
BNA_P
ClientSampleId :
PB169022BS

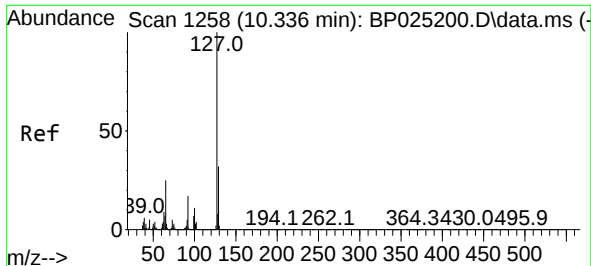
Tgt Ion:128 Resp: 4103489
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 30.618 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.023 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:122 Resp: 653297
Ion Ratio Lower Upper
122 100
105 117.5 98.1 138.1
77 86.6 62.7 102.7

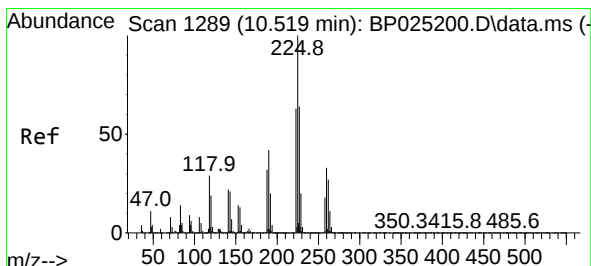
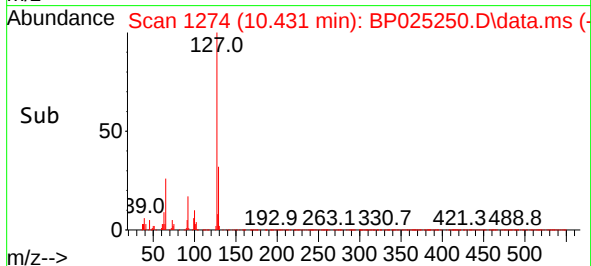
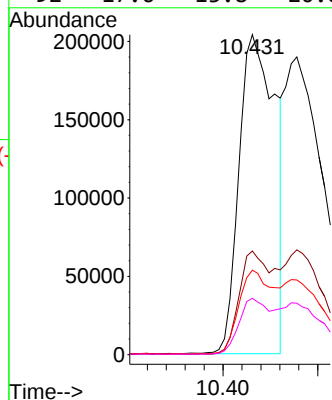
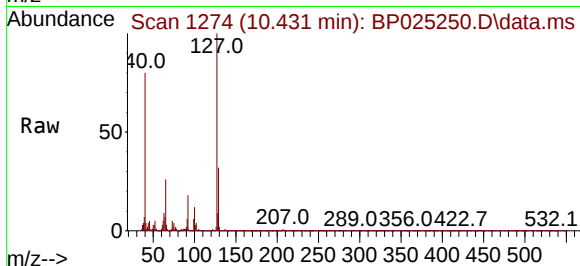




#33
4-Chloroaniline
Concen: 13.269 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

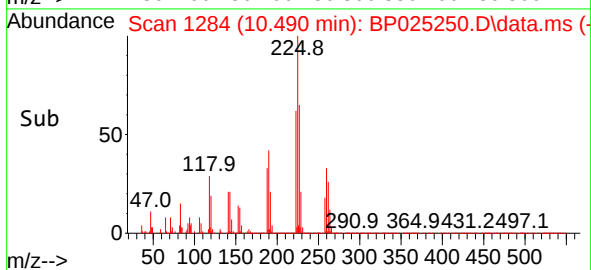
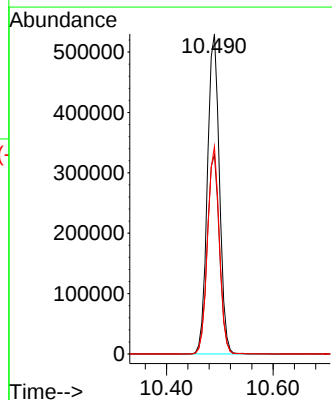
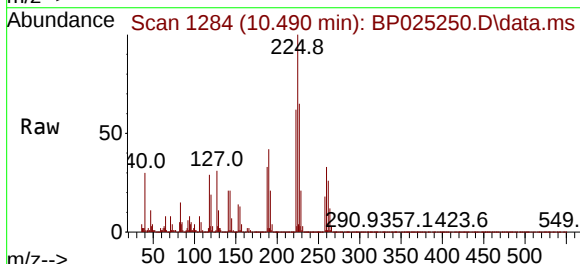
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BNA_P
ClientSampleId :
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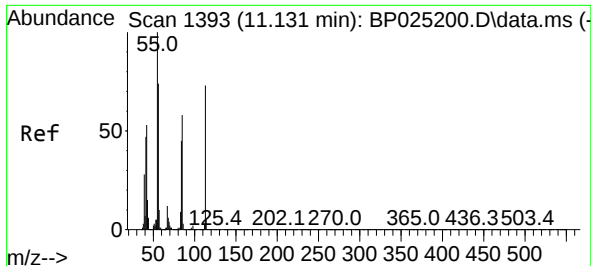
Tgt Ion:127	Resp: 541225
Ion Ratio	Lower Upper
127 100	
129 32.4	25.9 38.9
65 26.4	20.2 30.4
92 17.6	13.8 20.8



#34
Hexachlorobutadiene
Concen: 43.736 ng
RT: 10.490 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:225	Resp: 825570
Ion Ratio	Lower Upper
225 100	
223 62.3	50.1 75.1
227 64.8	51.4 77.0

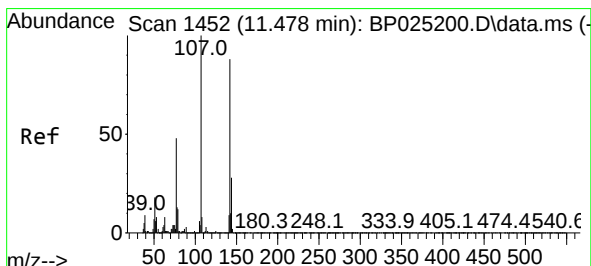
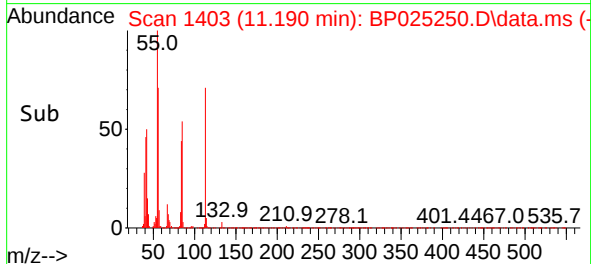
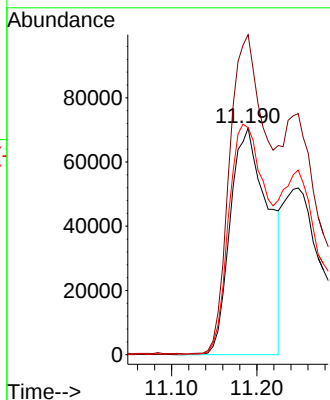
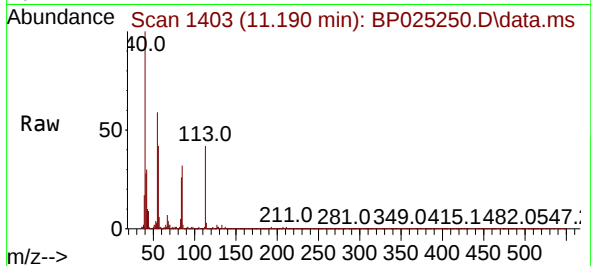




#35
Caprolactam
Concen: 22.943 ng
RT: 11.190 min Scan# 1403
Delta R.T. 0.029 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

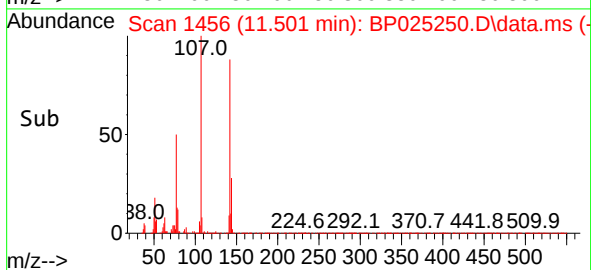
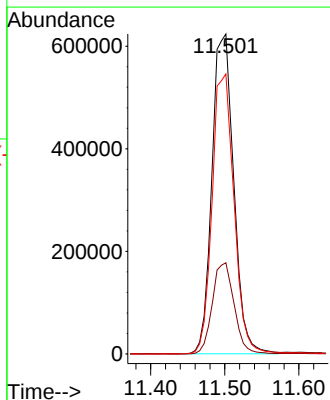
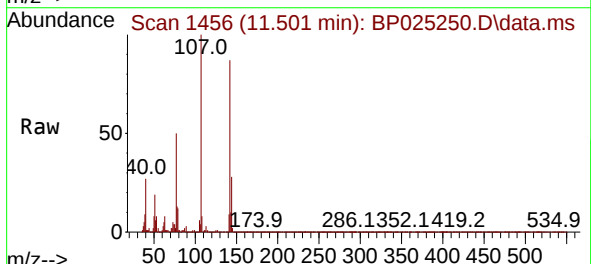
Instrument :
BNA_P
ClientSampleId :
PB169022BS

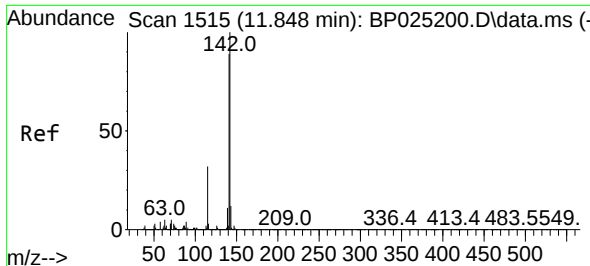
Tgt Ion:113 Resp: 218647
Ion Ratio Lower Upper
113 100
55 141.2 117.6 157.6
56 100.2 82.4 122.4



#36
4-Chloro-3-methylphenol
Concen: 44.486 ng
RT: 11.501 min Scan# 1456
Delta R.T. 0.017 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:107 Resp: 1276908
Ion Ratio Lower Upper
107 100
144 28.5 22.5 33.7
142 87.5 70.6 105.8

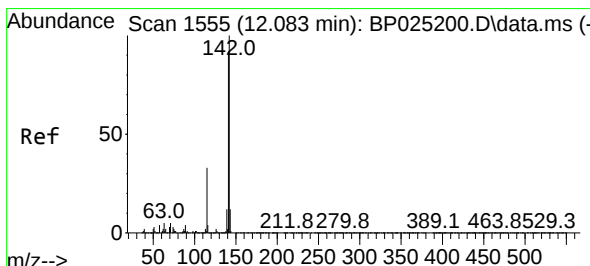
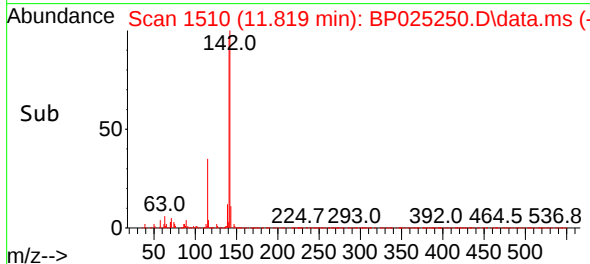
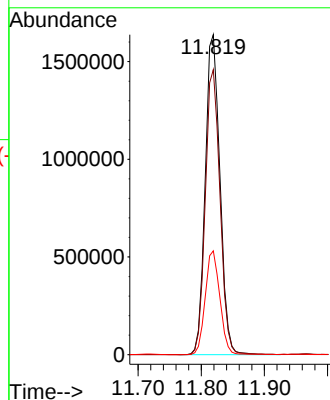
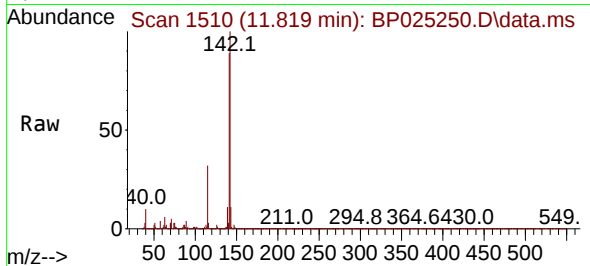




#37
2-Methylnaphthalene
Concen: 43.870 ng
RT: 11.819 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

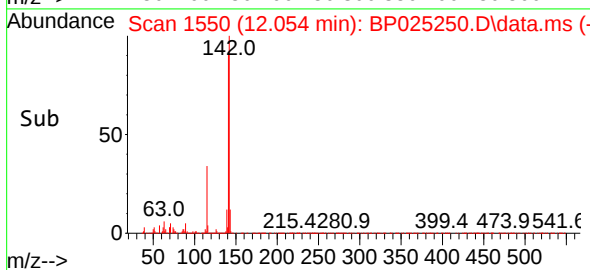
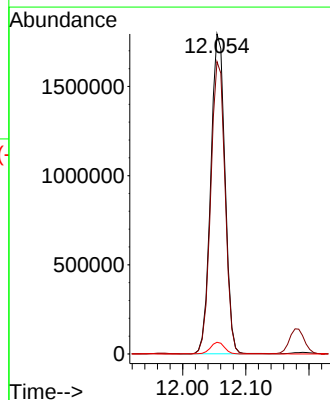
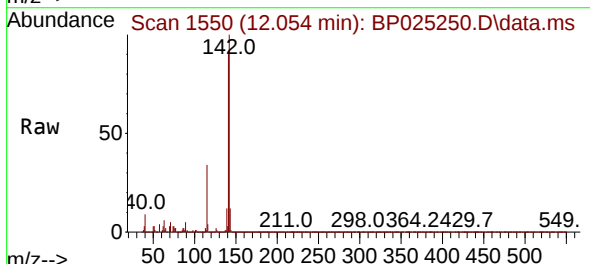
Instrument :
BNA_P
ClientSampleId :
PB169022BS

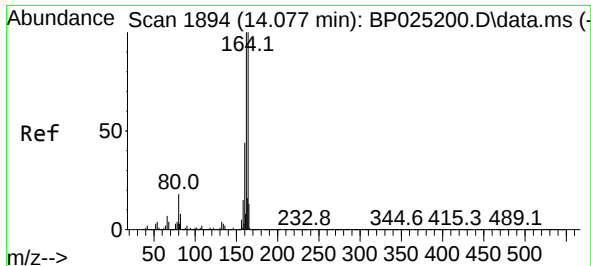
Tgt Ion:142 Resp: 2643296
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
115 32.5 25.3 37.9



#38
1-Methylnaphthalene
Concen: 44.336 ng
RT: 12.054 min Scan# 1550
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:142 Resp: 2806089
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.8
116 3.7 2.8 4.2

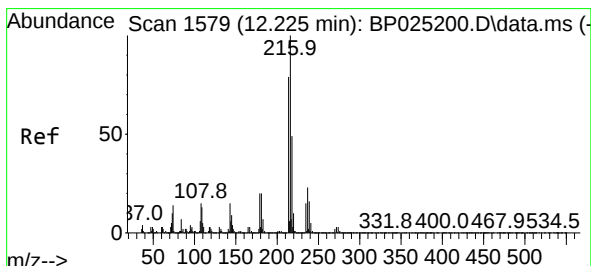
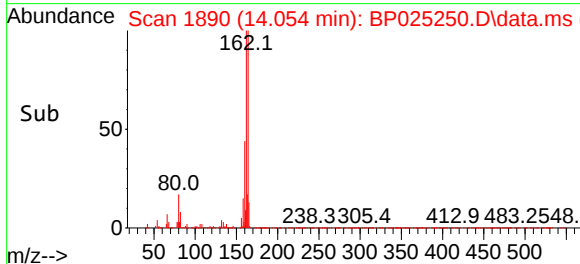
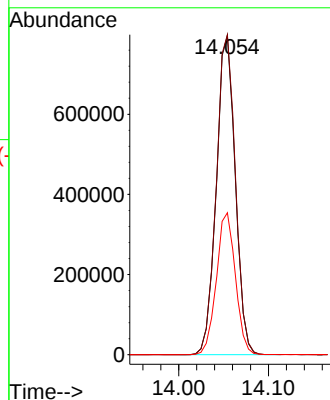
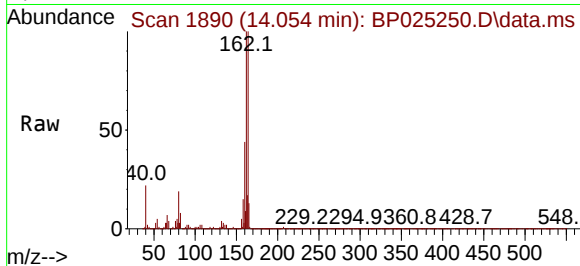




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.054 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

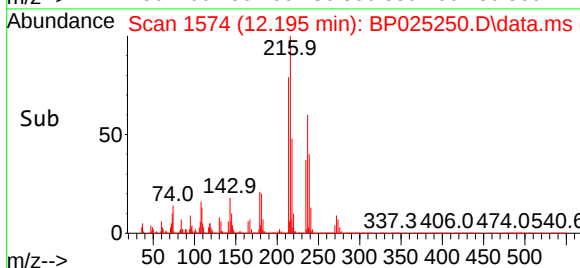
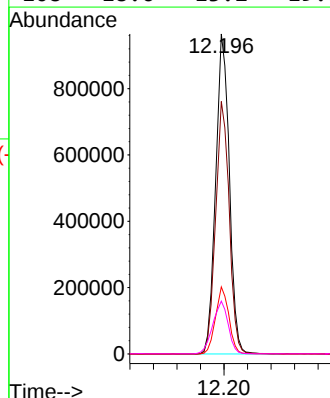
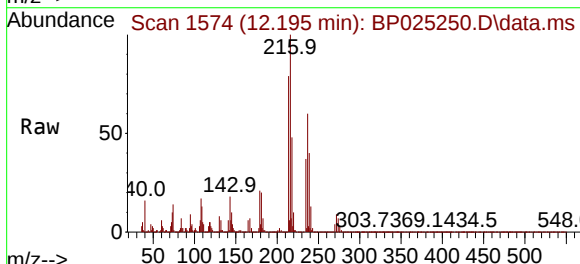
Instrument :
BNA_P
ClientSampleId :
PB169022BS

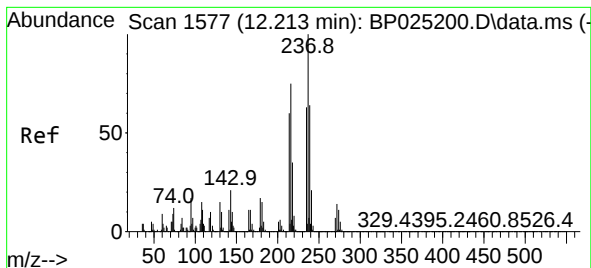
Tgt Ion:164 Resp: 1164919
Ion Ratio Lower Upper
164 100
162 100.2 80.3 120.5
160 44.4 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.477 ng
RT: 12.195 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:216 Resp: 1553066
Ion Ratio Lower Upper
216 100
214 78.6 62.7 94.1
179 20.5 16.2 24.4
108 18.6 13.2 19.8

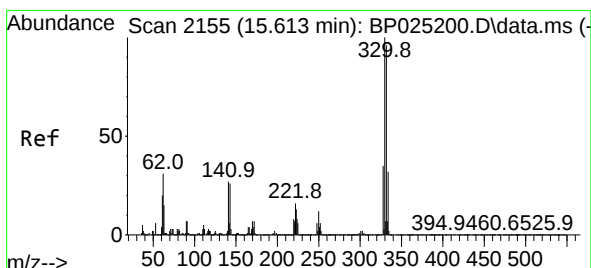
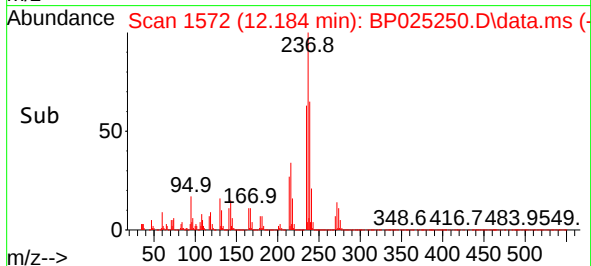
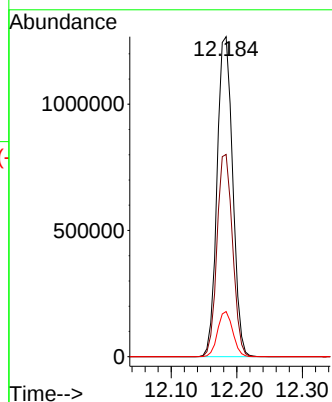
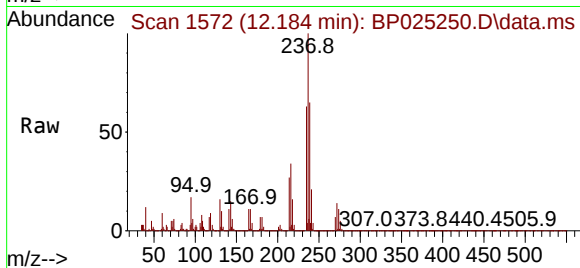




#41
Hexachlorocyclopentadiene
Concen: 100.037 ng
RT: 12.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

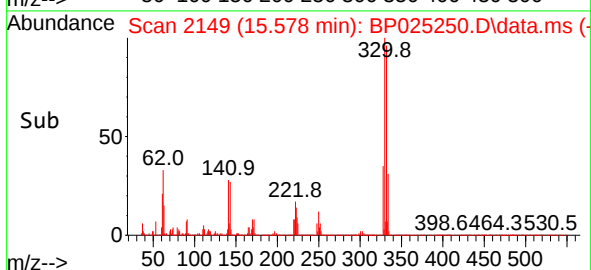
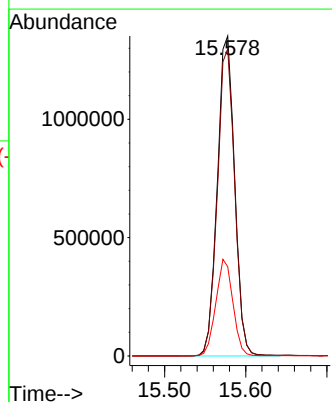
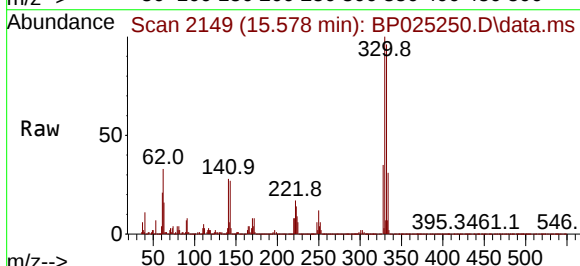
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BNA_P
ClientSampleId :
PB169022BS

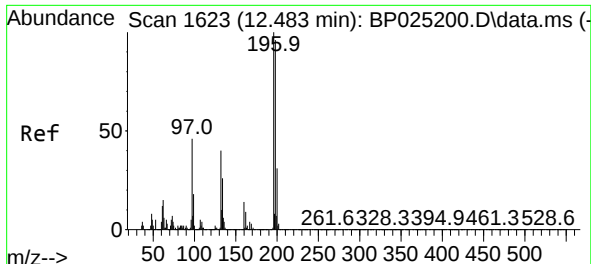
Tgt Ion:237 Resp: 2085211
Ion Ratio Lower Upper
237 100
235 63.2 42.7 82.7
272 14.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 117.056 ng
RT: 15.578 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:330 Resp: 2010263
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 29.9 22.4 33.6

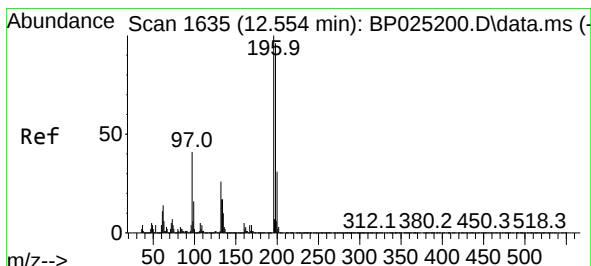
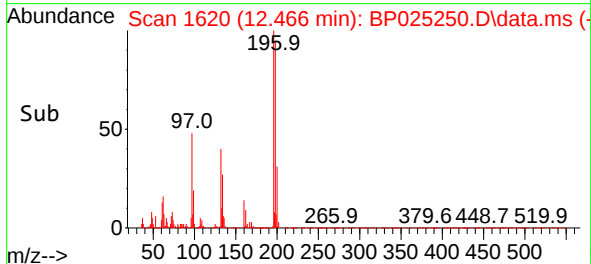
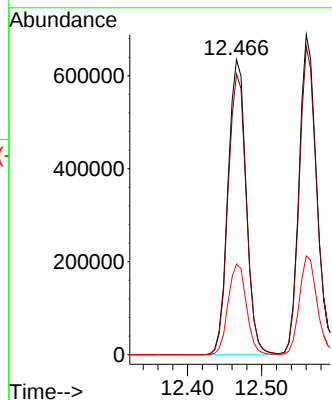
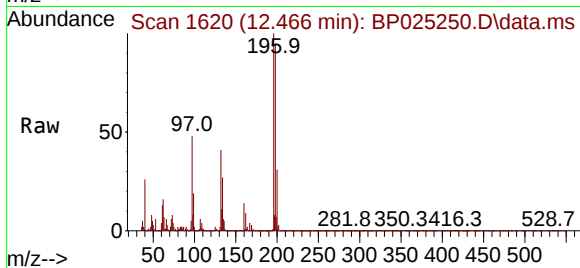




#43
2,4,6-Trichlorophenol
Concen: 45.402 ng
RT: 12.466 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

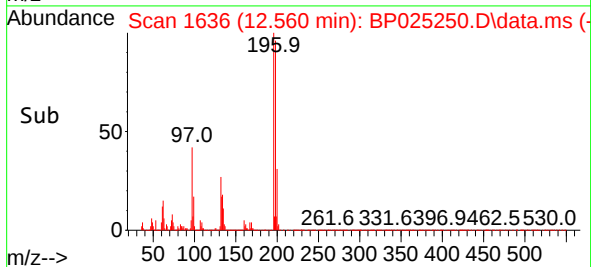
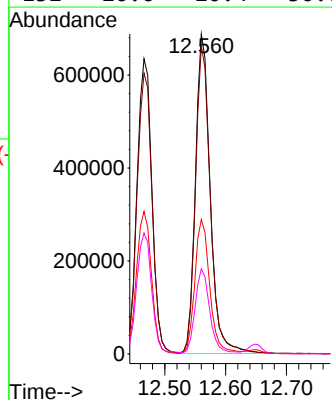
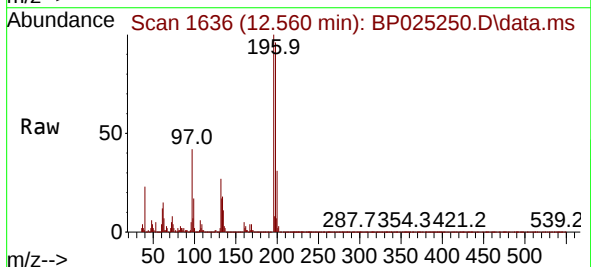
Instrument :
BNA_P
ClientSampleId :
PB169022BS

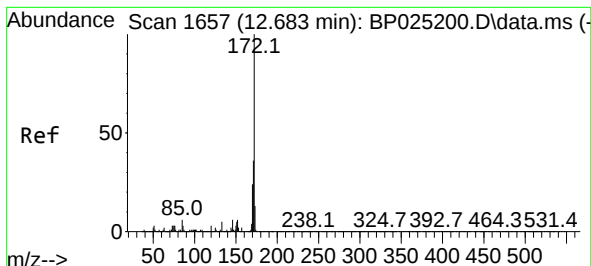
Tgt Ion:196 Resp: 1083224
Ion Ratio Lower Upper
196 100
198 95.1 76.6 114.8
200 30.8 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.442 ng
RT: 12.560 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:196 Resp: 1166850
Ion Ratio Lower Upper
196 100
198 96.3 76.7 115.1
97 42.0 33.0 49.4
132 26.6 20.4 30.6





#45

2-Fluorobiphenyl

Concen: 80.186 ng

RT: 12.648 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

Instrument :

BNA_P

ClientSampleId :

PB169022BS

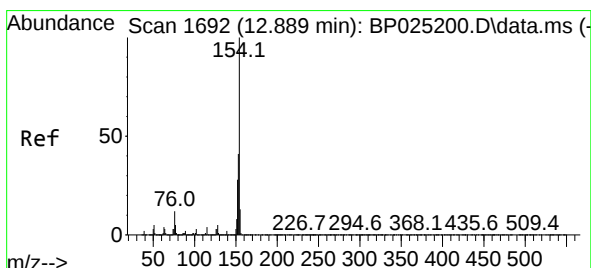
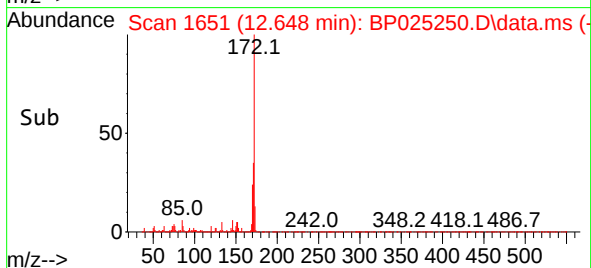
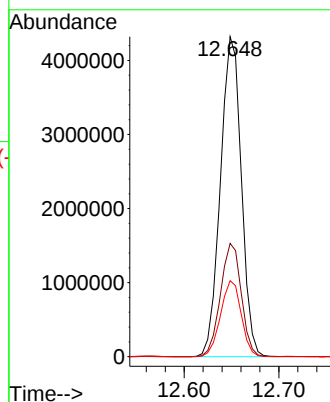
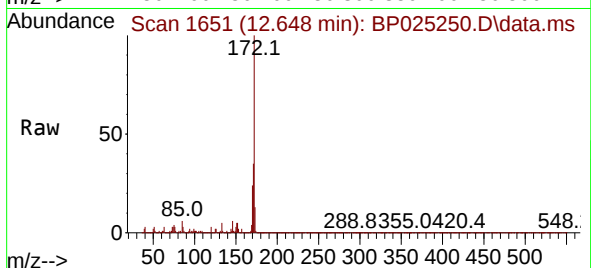
Tgt Ion:172 Resp: 6625734

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.7 19.2 28.8



#46

1,1'-Biphenyl

Concen: 45.464 ng

RT: 12.866 min Scan# 1688

Delta R.T. 0.006 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

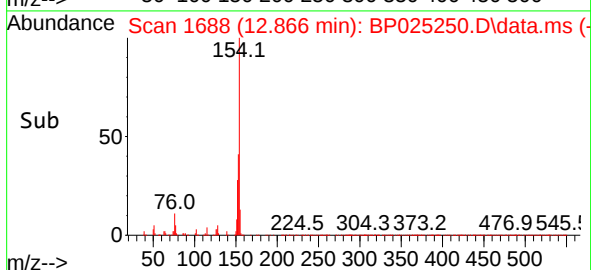
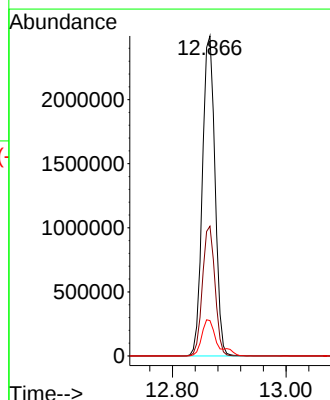
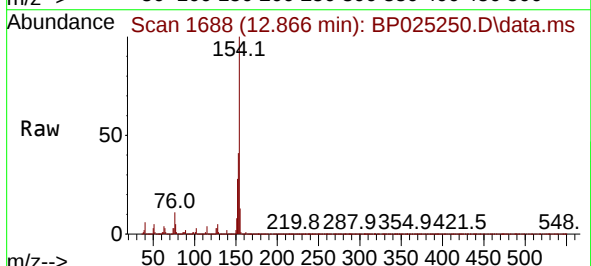
Tgt Ion:154 Resp: 3839327

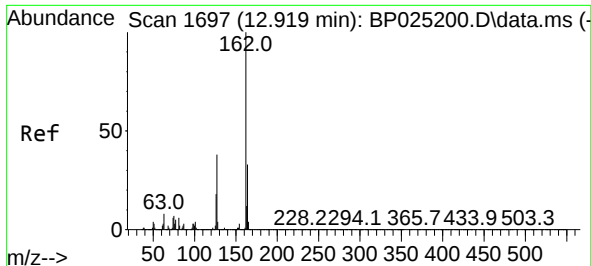
Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 11.0 0.0 31.6

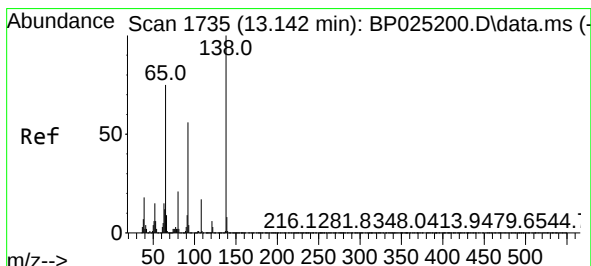
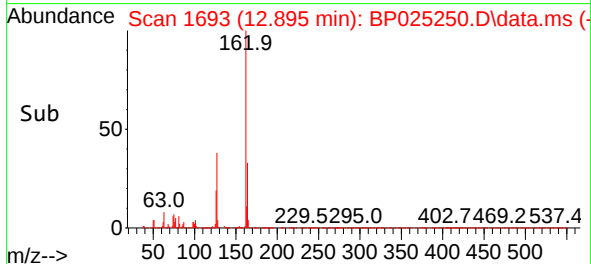
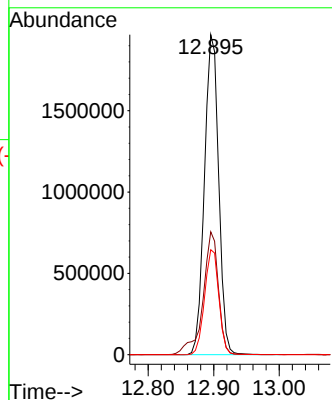
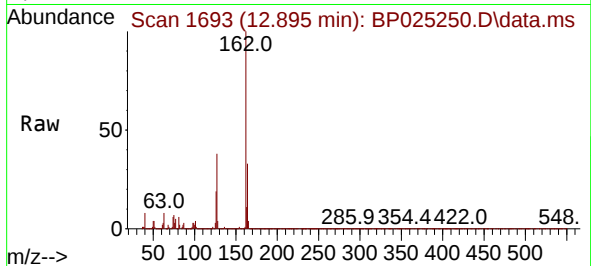




#47
2-Chloronaphthalene
Concen: 45.137 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

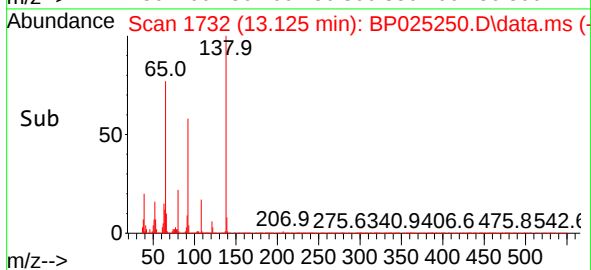
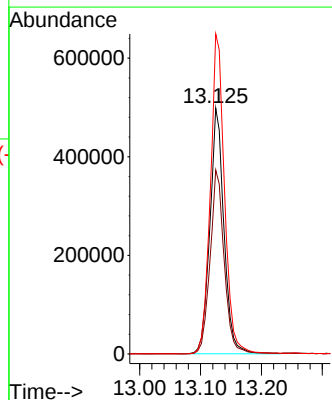
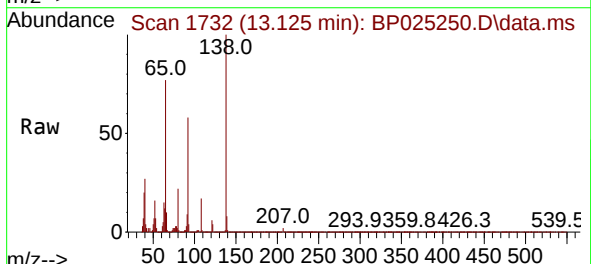
Instrument :
BNA_P
ClientSampleId :
PB169022BS

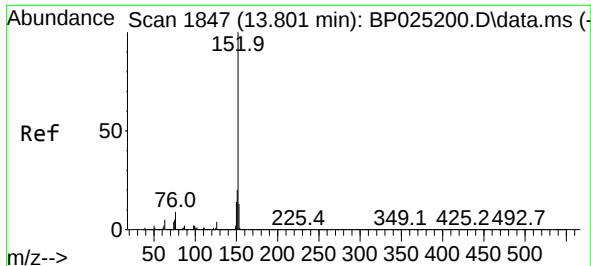
Tgt Ion:162 Resp: 2975882
Ion Ratio Lower Upper
162 100
127 38.4 30.1 45.1
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 47.738 ng
RT: 13.125 min Scan# 1732
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion: 65 Resp: 803756
Ion Ratio Lower Upper
65 100
92 74.9 59.9 89.9
138 130.1 107.1 160.7

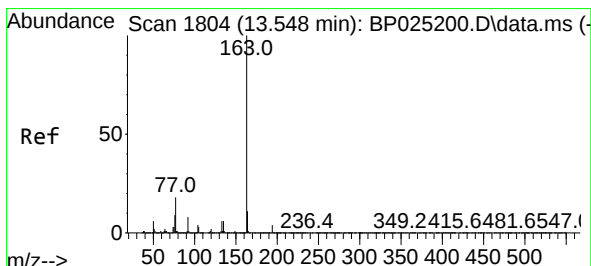
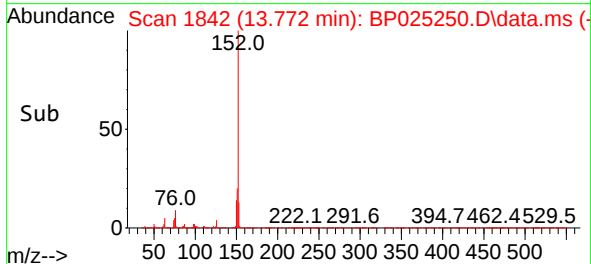
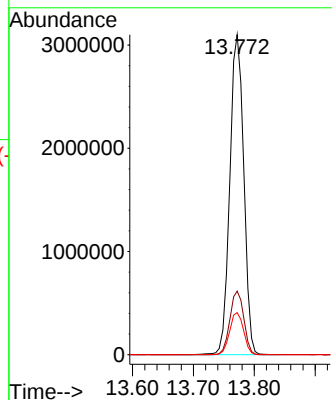
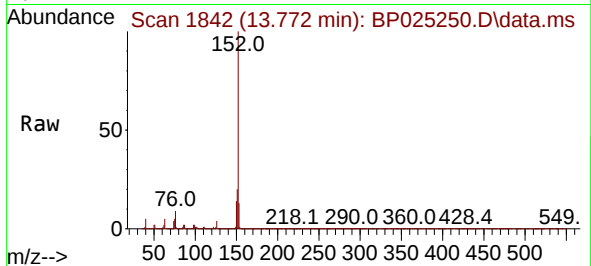




#49
Acenaphthylene
Concen: 46.272 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

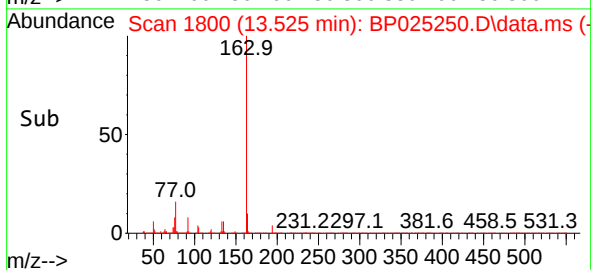
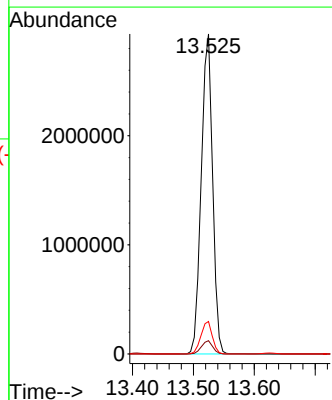
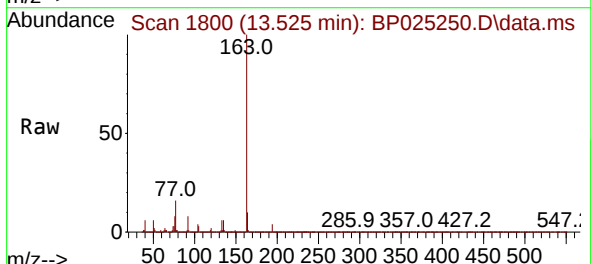
Instrument :
BNA_P
ClientSampleId :
PB169022BS

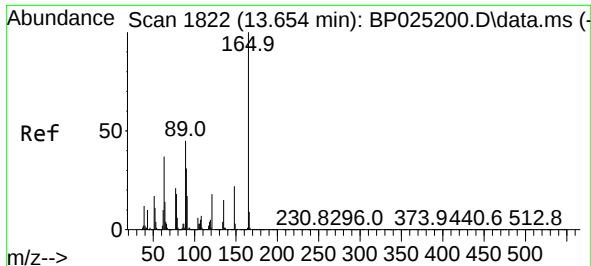
Tgt Ion:152 Resp: 4934296
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 45.420 ng
RT: 13.525 min Scan# 1800
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:163 Resp: 3784027
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.5 12.7

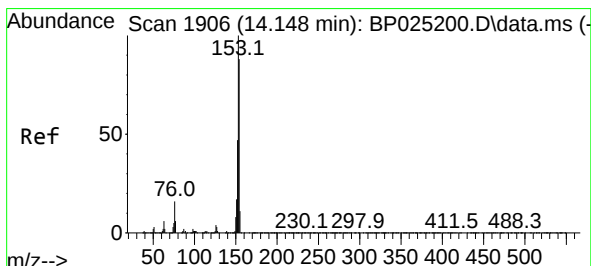
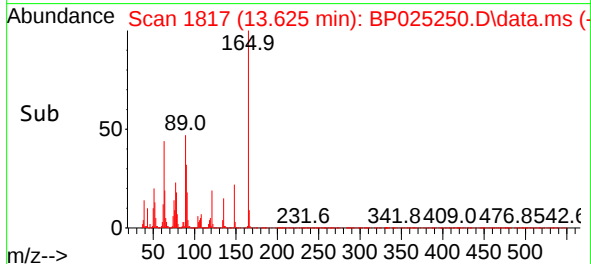
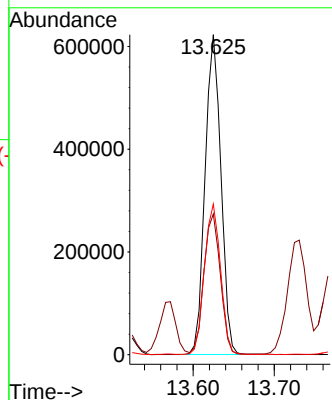
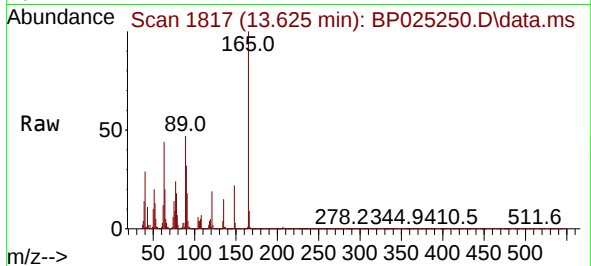




#51
2,6-Dinitrotoluene
Concen: 46.609 ng
RT: 13.625 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

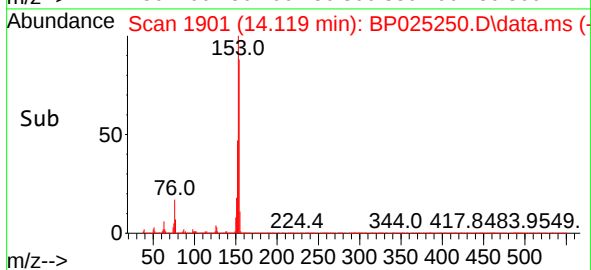
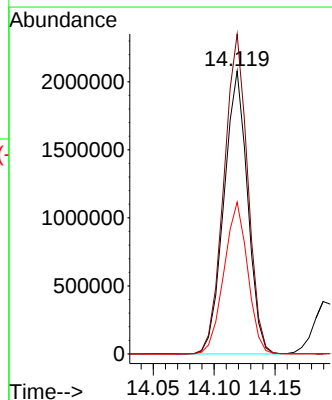
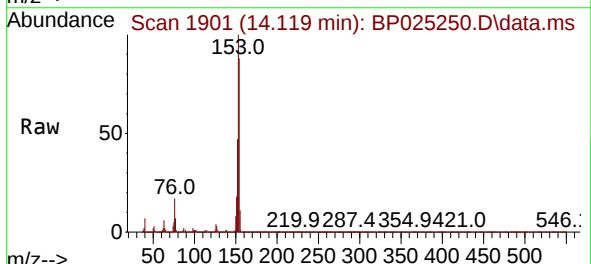
Instrument :
BNA_P
ClientSampleId :
PB169022BS

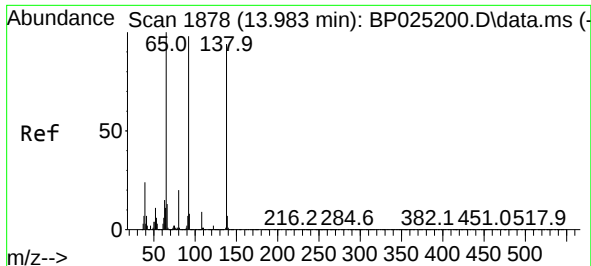
Tgt Ion:165 Resp: 843719
Ion Ratio Lower Upper
165 100
63 43.9 33.4 50.2
89 47.0 36.3 54.5



#52
Acenaphthene
Concen: 45.578 ng
RT: 14.119 min Scan# 1901
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:154 Resp: 2810534
Ion Ratio Lower Upper
154 100
153 113.1 90.7 136.1
152 53.7 42.9 64.3

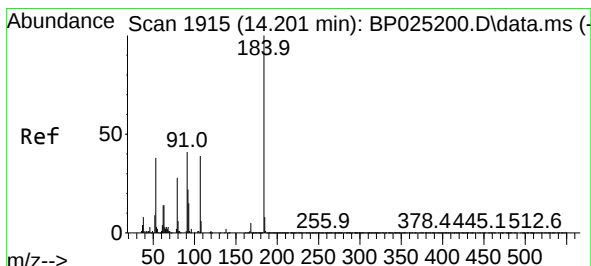
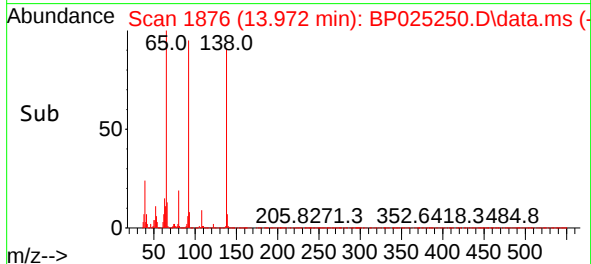
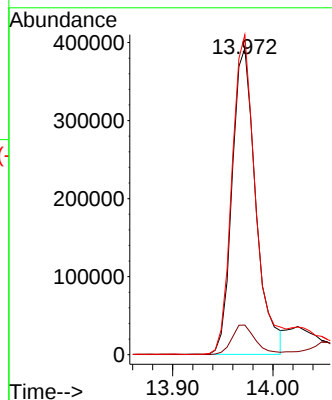
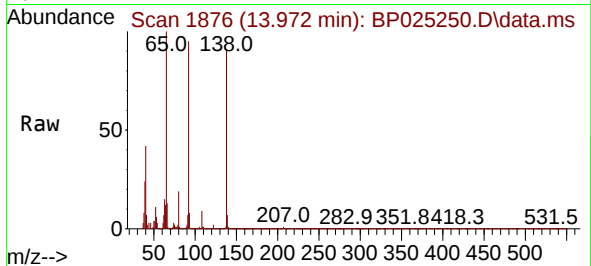




#53
3-Nitroaniline
Concen: 31.551 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

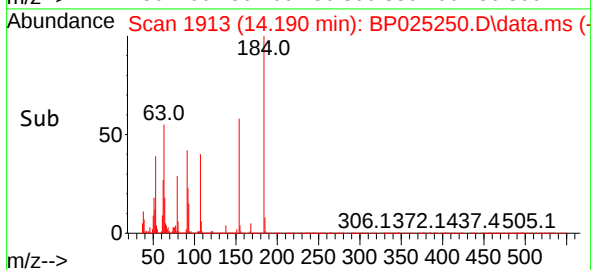
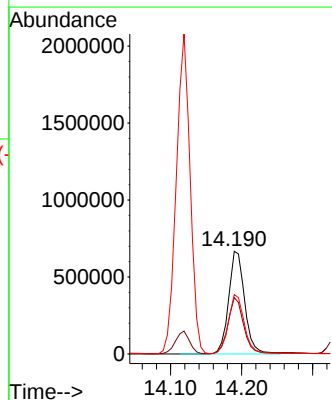
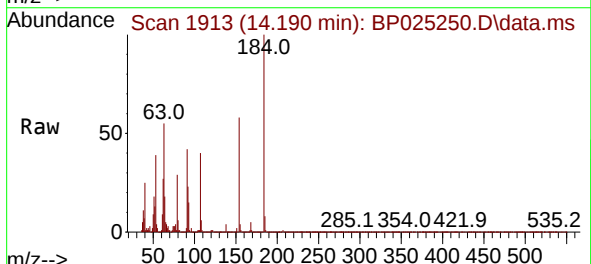
Instrument :
BNA_P
ClientSampleId :
PB169022BS

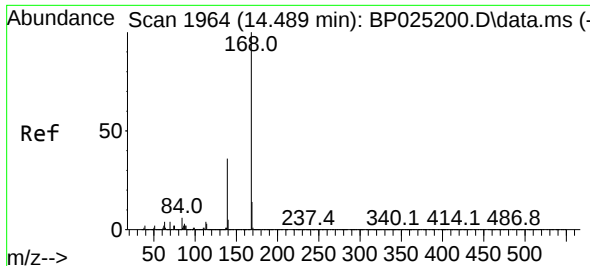
Tgt Ion:138 Resp: 644082
Ion Ratio Lower Upper
138 100
108 9.6 7.5 11.3
92 104.4 83.2 124.8



#54
2,4-Dinitrophenol
Concen: 97.778 ng
RT: 14.190 min Scan# 1913
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:184 Resp: 1048713
Ion Ratio Lower Upper
184 100
63 54.8 41.8 62.8
154 57.8 45.7 68.5

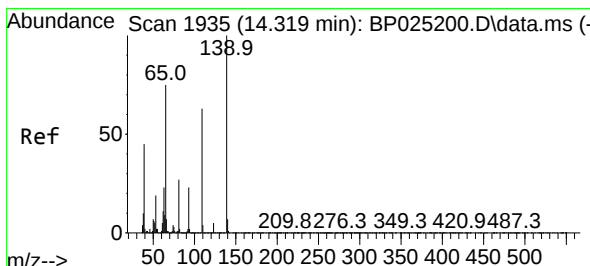
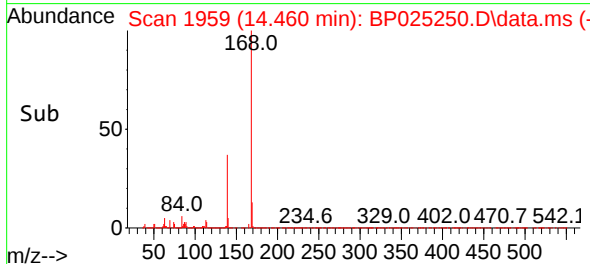
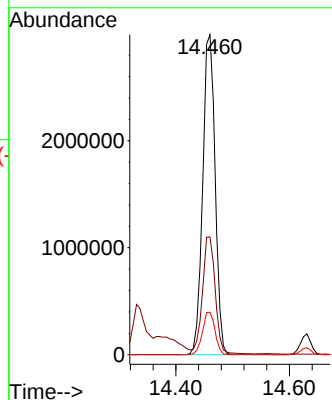
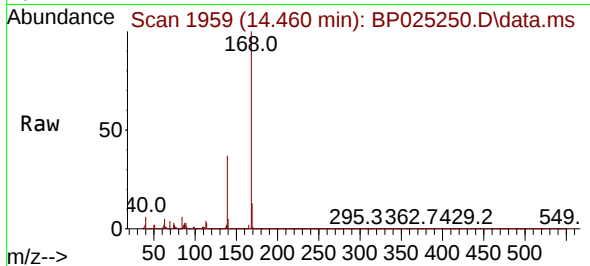




#55
Dibenzofuran
Concen: 45.516 ng
RT: 14.460 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

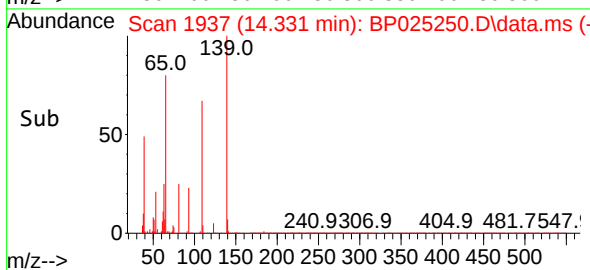
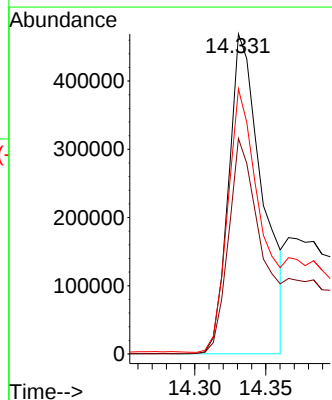
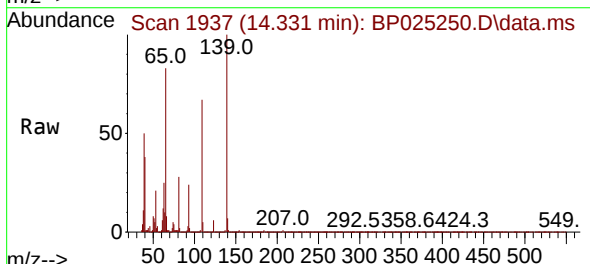
Instrument :
BNA_P
ClientSampleId :
PB169022BS

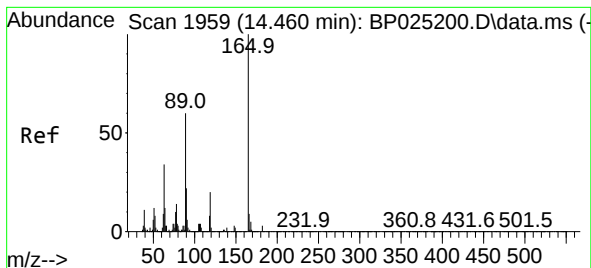
Tgt Ion:168 Resp: 4533663
Ion Ratio Lower Upper
168 100
139 36.8 28.7 43.1
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 44.297 ng
RT: 14.331 min Scan# 1937
Delta R.T. -0.030 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:139 Resp: 773797
Ion Ratio Lower Upper
139 100
109 67.3 42.6 82.6
65 82.9 55.4 95.4

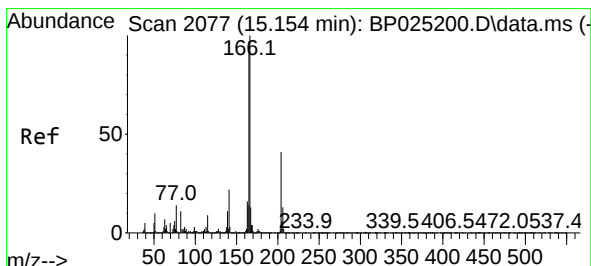
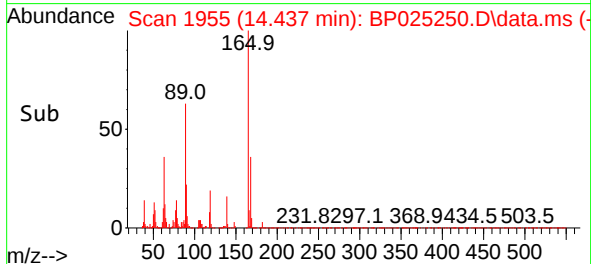
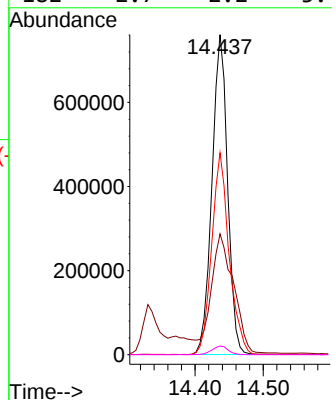
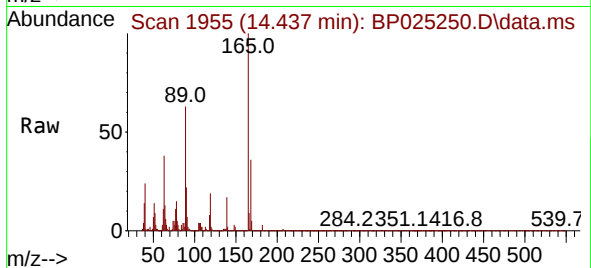




#57
2,4-Dinitrotoluene
Concen: 47.886 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

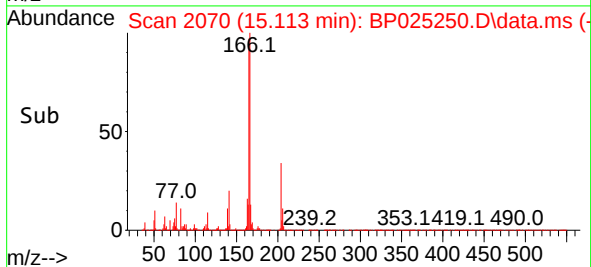
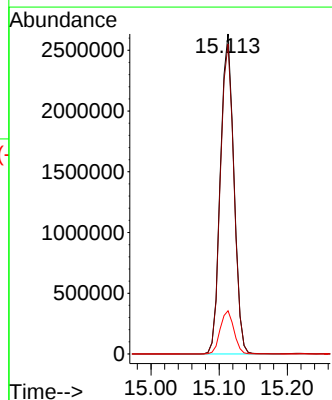
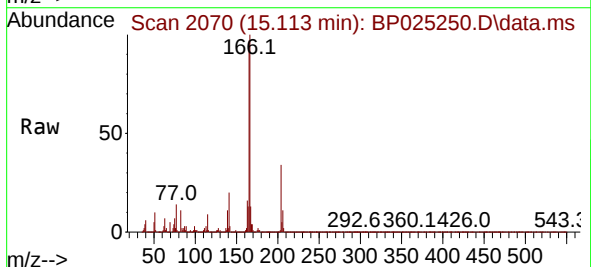
Instrument :
BNA_P
ClientSampleId :
PB169022BS

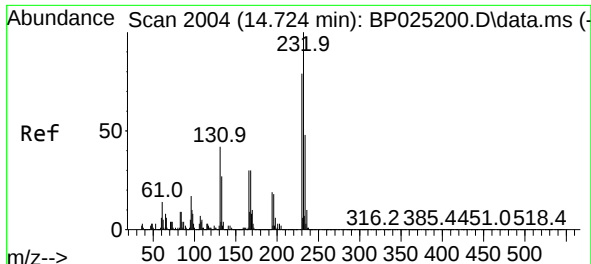
Tgt Ion:165 Resp: 1213403
Ion Ratio Lower Upper
165 100
63 37.7 27.0 40.4
89 63.1 47.8 71.6
182 2.7 2.2 3.4



#58
Fluorene
Concen: 45.798 ng
RT: 15.113 min Scan# 2070
Delta R.T. -0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:166 Resp: 3621528
Ion Ratio Lower Upper
166 100
165 96.9 78.0 117.0
167 13.5 10.7 16.1

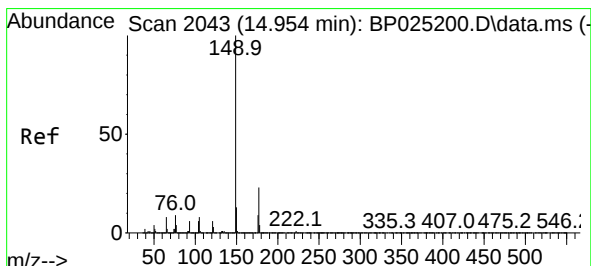
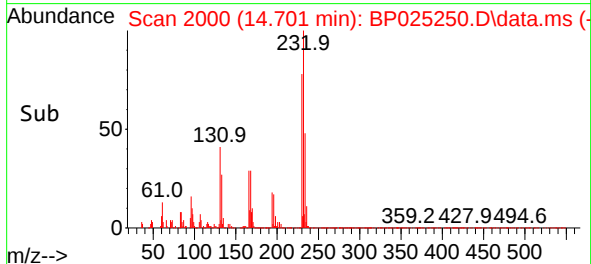
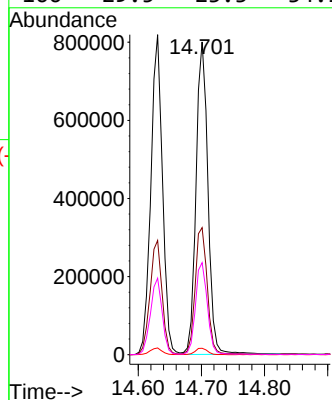
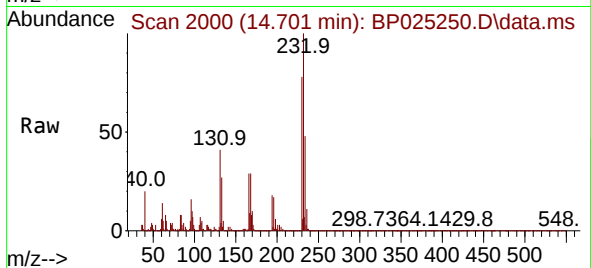




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.927 ng
RT: 14.701 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

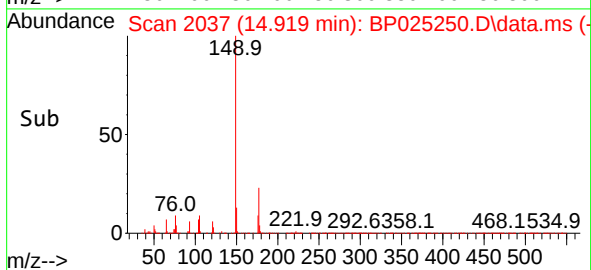
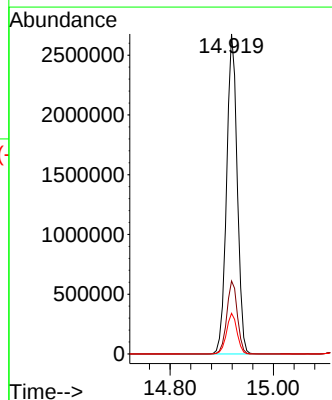
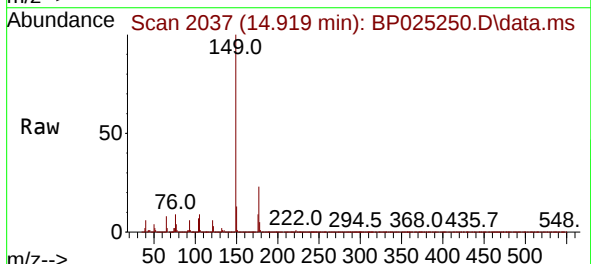
Instrument :
BNA_P
ClientSampleId :
PB169022BS

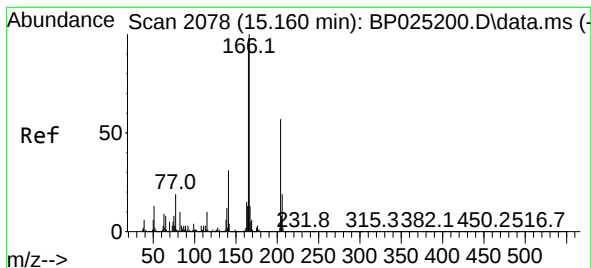
Tgt Ion:232 Resp: 1043914
Ion Ratio Lower Upper
232 100
131 41.5 32.6 48.8
130 2.2 1.6 2.4
166 29.5 23.3 34.9



#60
Diethylphthalate
Concen: 46.365 ng
RT: 14.919 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:149 Resp: 3807151
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.7 10.0 15.0

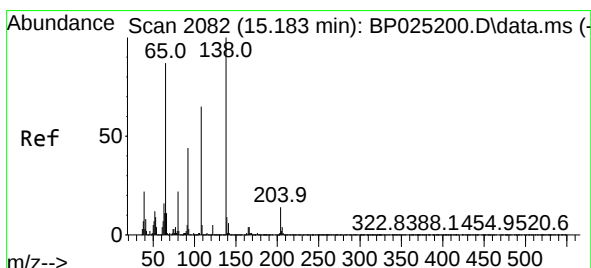
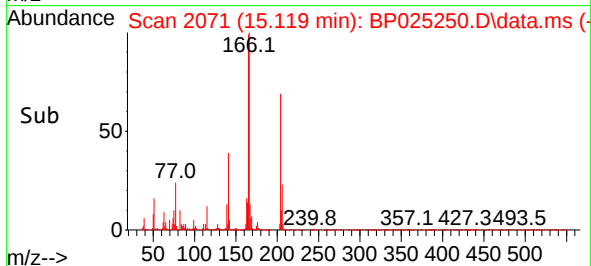
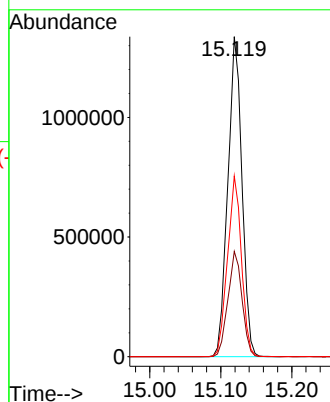
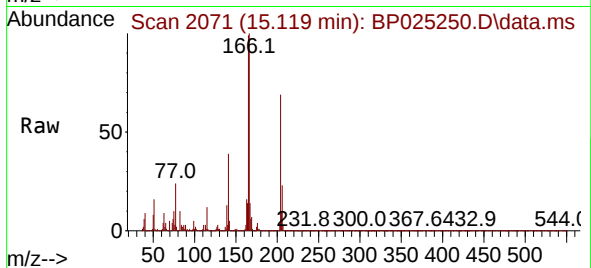




#61
4-Chlorophenyl-phenylether
Concen: 46.042 ng
RT: 15.119 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

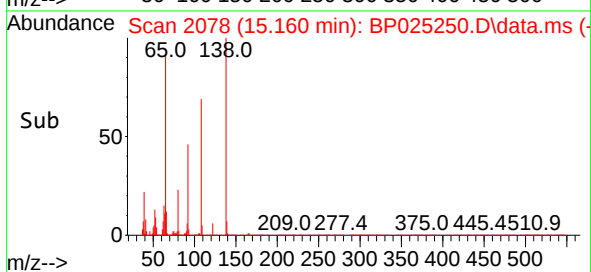
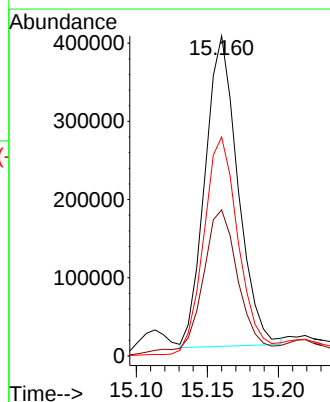
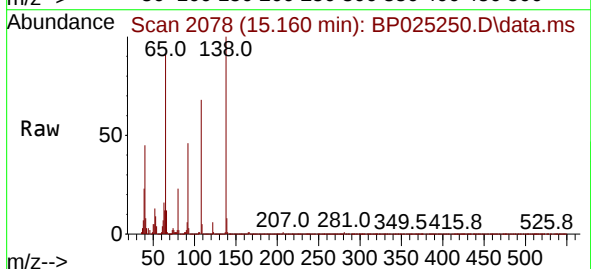
Instrument :
BNA_P
ClientSampleId :
PB169022BS

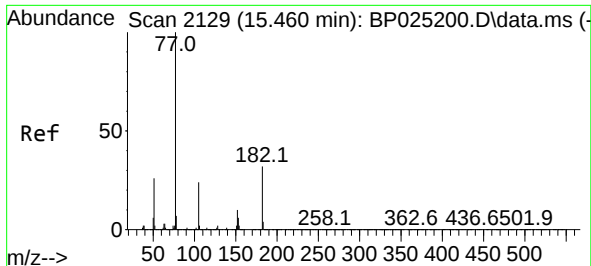
Tgt Ion:204 Resp: 1839726
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 56.5 43.0 64.6



#62
4-Nitroaniline
Concen: 30.699 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:138 Resp: 637339
Ion Ratio Lower Upper
138 100
92 45.6 24.0 64.0
108 68.4 44.9 84.9



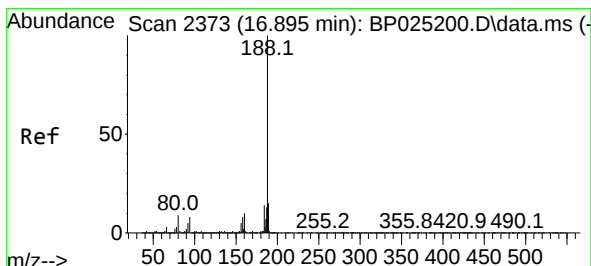
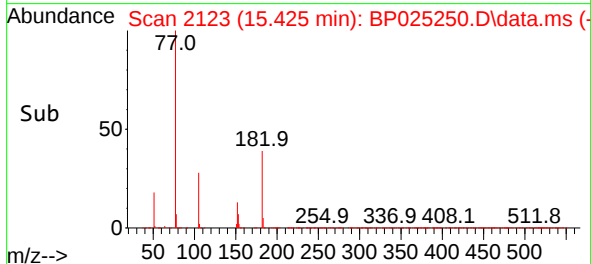
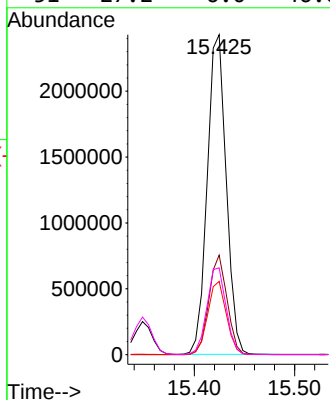
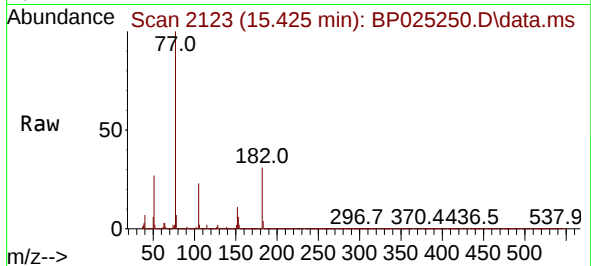


#63
Azobenzene
Concen: 47.664 ng
RT: 15.425 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Instrument :
BNA_P
ClientSampleId :
PB169022BS

Tgt Ion: 77 Resp: 3189391

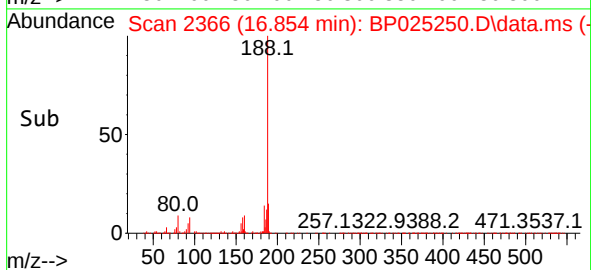
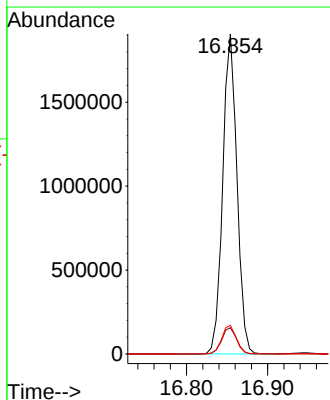
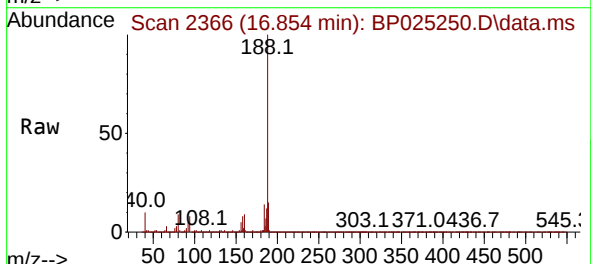
Ion	Ratio	Lower	Upper
77	100		
182	31.1	12.0	52.0
105	22.9	3.6	43.6
51	27.2	6.0	46.0

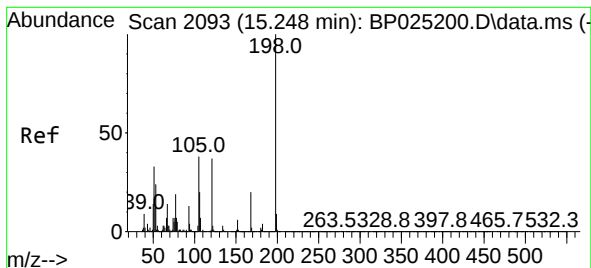


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion: 188 Resp: 2324149

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	9.0	7.3	10.9

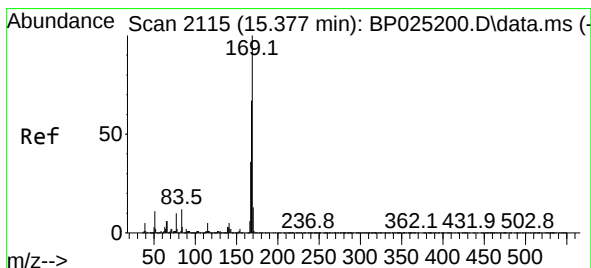
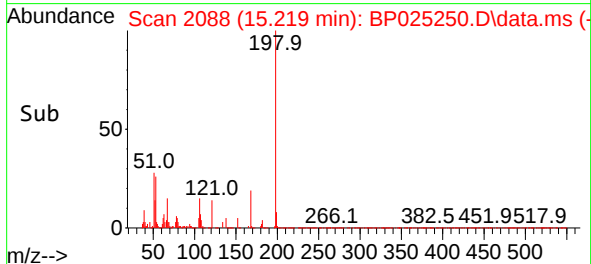
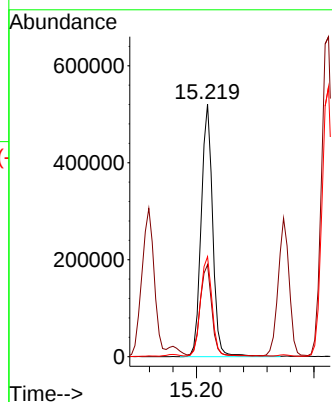
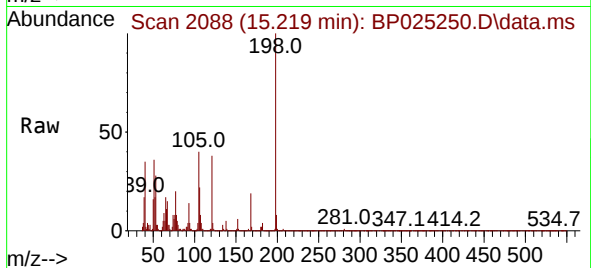




#65
4,6-Dinitro-2-methylphenol
Concen: 46.888 ng
RT: 15.219 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

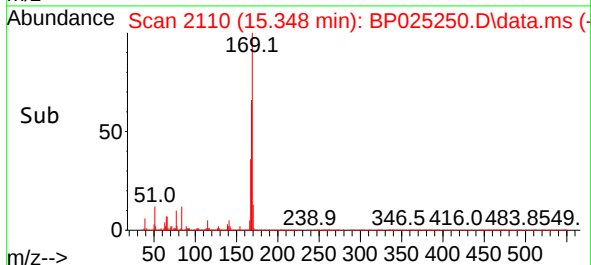
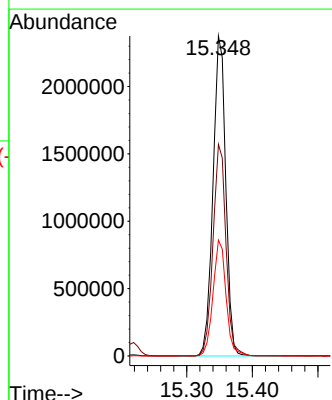
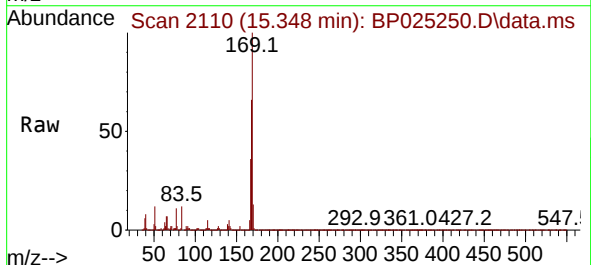
Instrument :
BNA_P
ClientSampleId :
PB169022BS

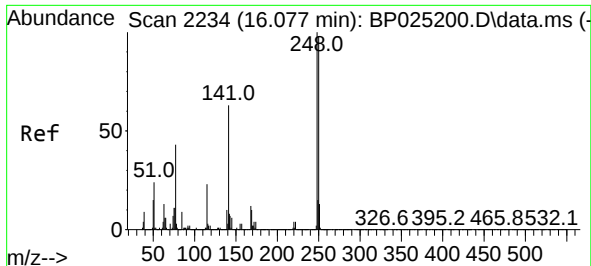
Tgt Ion:198 Resp: 703280
Ion Ratio Lower Upper
198 100
51 36.4 14.6 54.6
105 39.6 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 45.405 ng
RT: 15.348 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:169 Resp: 3203025
Ion Ratio Lower Upper
169 100
168 66.2 53.7 80.5
167 36.2 29.0 43.6

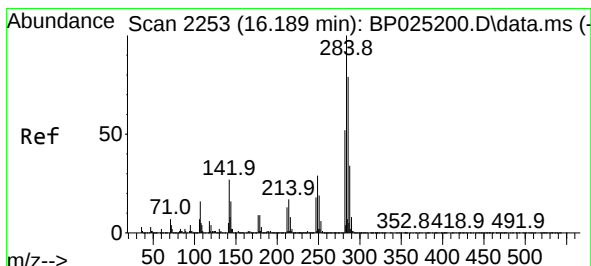
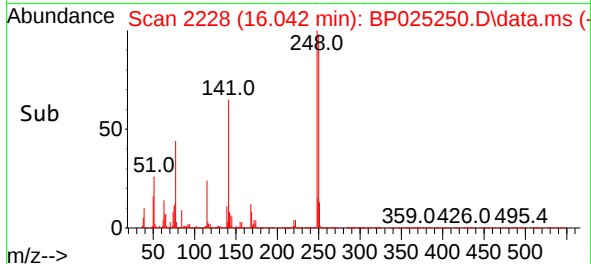
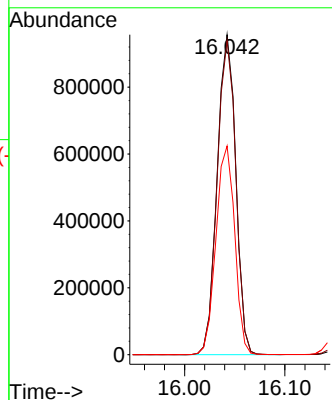
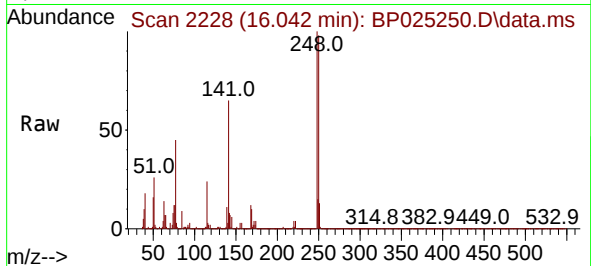




#67
4-Bromophenyl-phenylether
Concen: 45.370 ng
RT: 16.042 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

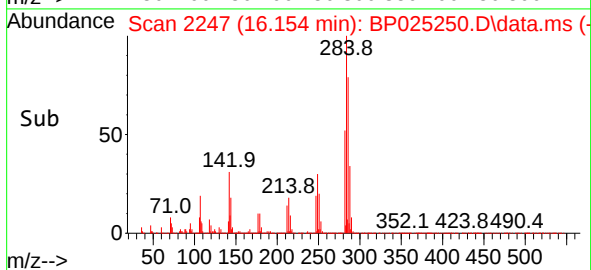
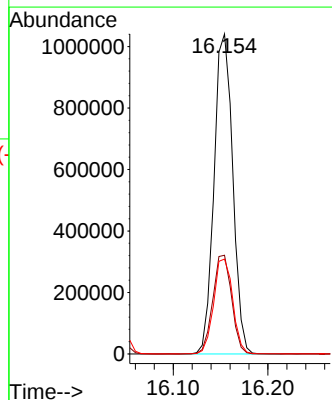
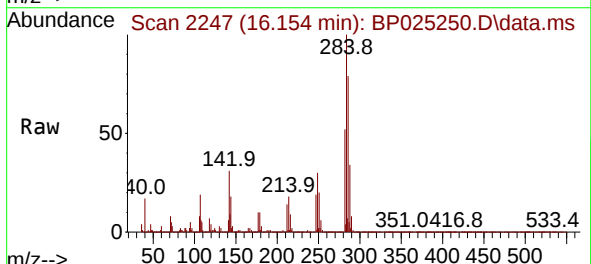
Instrument :
BNA_P
ClientSampleId :
PB169022BS

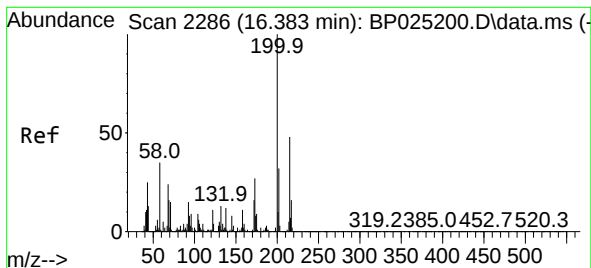
Tgt Ion:248 Resp: 1230629
Ion Ratio Lower Upper
248 100
250 98.2 78.5 117.7
141 65.2 50.5 75.7



#68
Hexachlorobenzene
Concen: 44.291 ng
RT: 16.154 min Scan# 2247
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:284 Resp: 1426674
Ion Ratio Lower Upper
284 100
142 30.8 21.5 32.3
249 29.7 23.4 35.0





#69

Atrazine

Concen: 40.749 ng

RT: 16.354 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

Instrument :

BNA_P

ClientSampleId :

PB169022BS

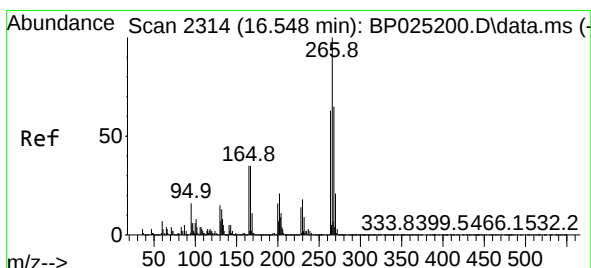
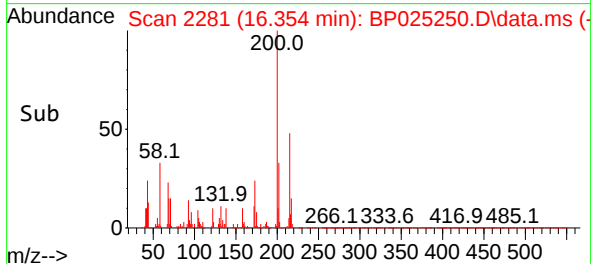
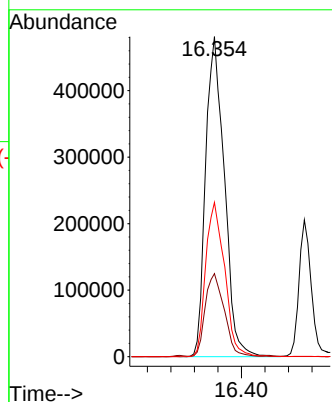
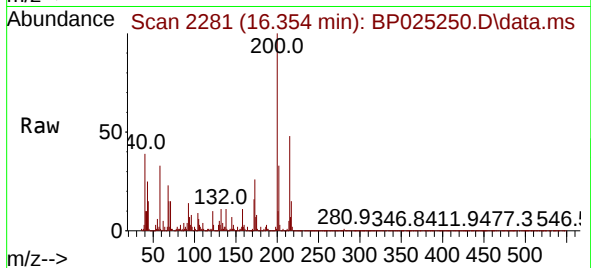
Tgt Ion:200 Resp: 1063709

Ion Ratio Lower Upper

200 100

173 25.9 7.4 47.4

215 48.2 28.5 68.5



#70

Pentachlorophenol

Concen: 77.213 ng

RT: 16.507 min Scan# 2307

Delta R.T. -0.006 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

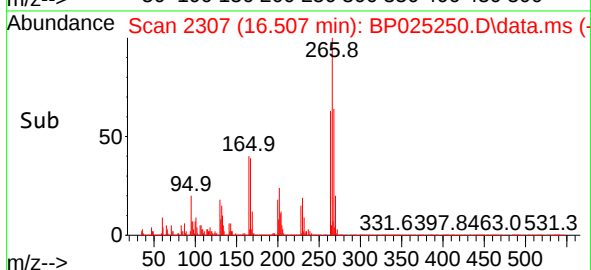
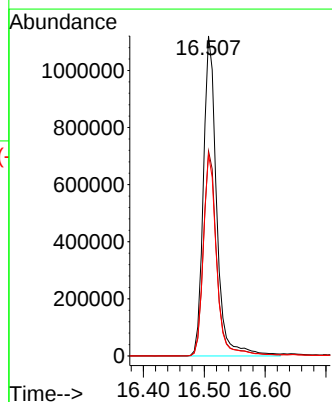
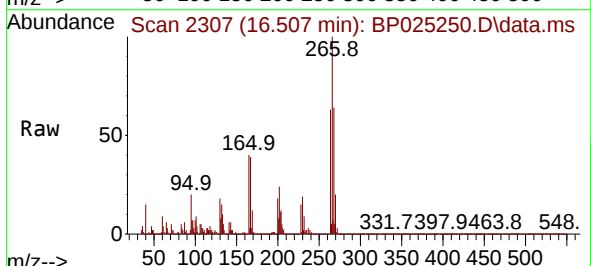
Tgt Ion:266 Resp: 1691315

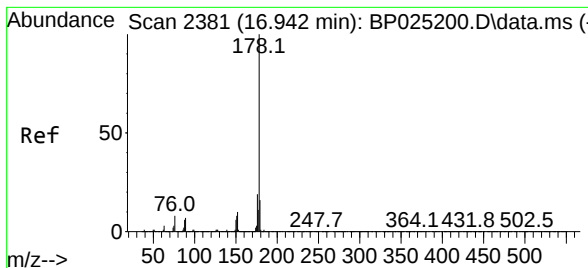
Ion Ratio Lower Upper

266 100

268 64.0 51.8 77.6

264 63.0 50.3 75.5





#71

Phenanthrene

Concen: 44.894 ng

RT: 16.889 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

Instrument :

BNA_P

ClientSampleId :

PB169022BS

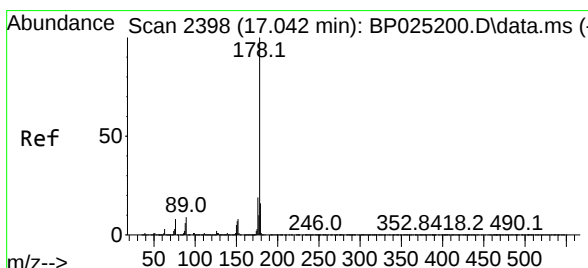
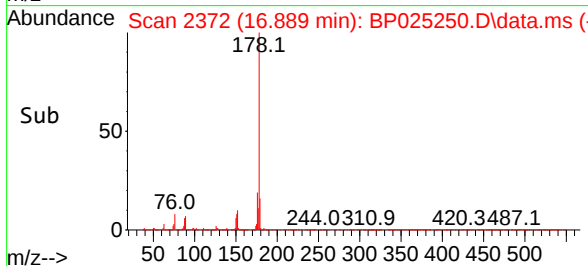
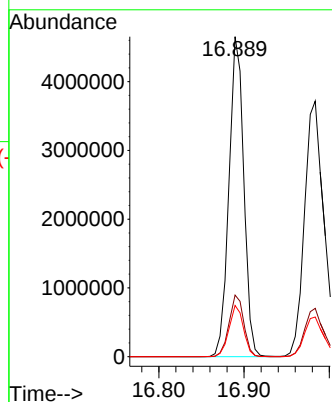
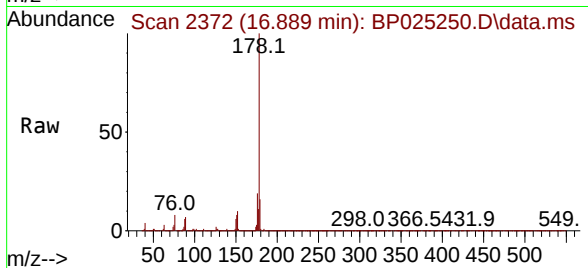
Tgt Ion:178 Resp: 5627601

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 16.0 12.5 18.7



#72

Anthracene

Concen: 46.866 ng

RT: 16.983 min Scan# 2388

Delta R.T. -0.012 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

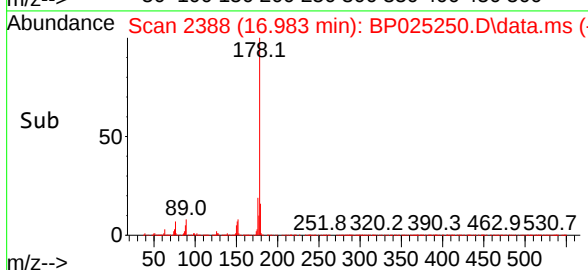
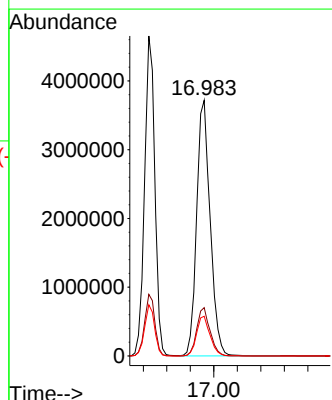
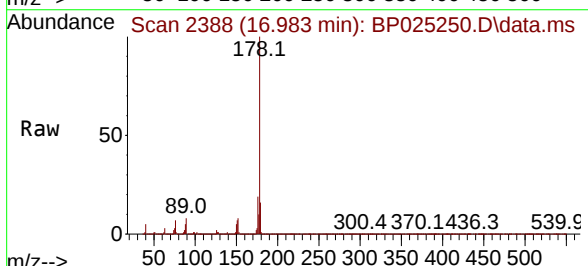
Tgt Ion:178 Resp: 5918292

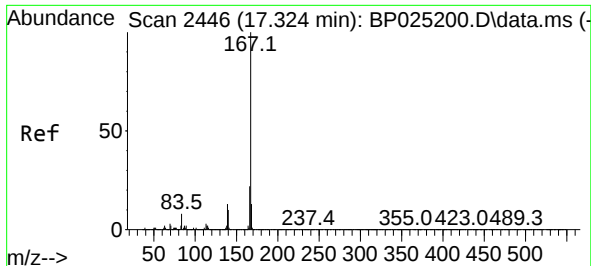
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.5 12.5 18.7

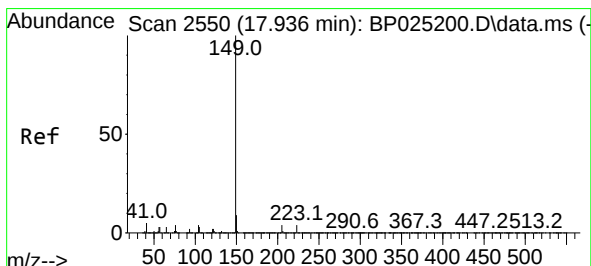
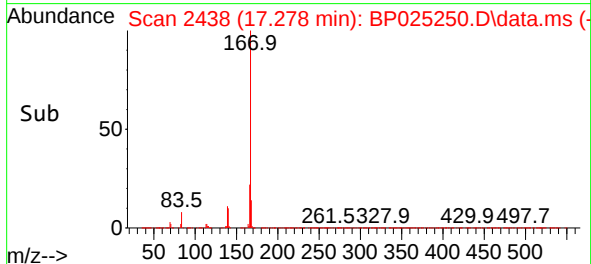
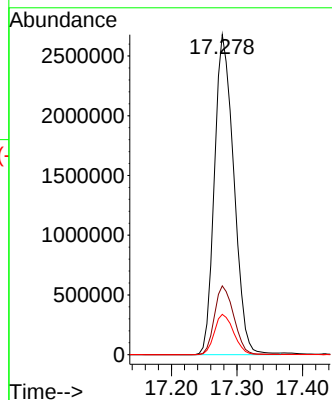
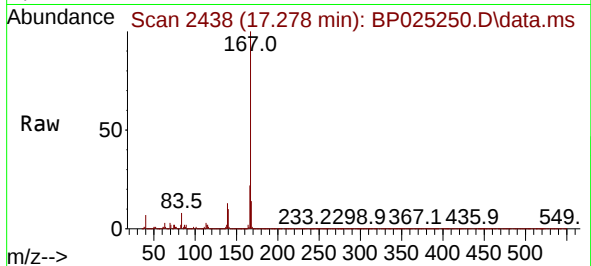




#73
Carbazole
Concen: 45.475 ng
RT: 17.278 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

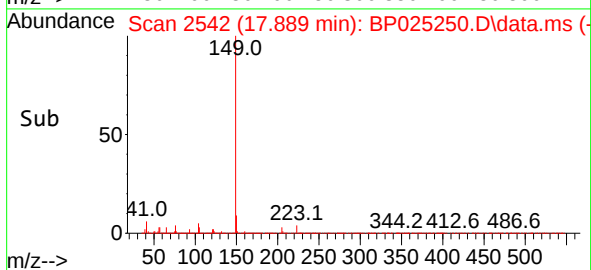
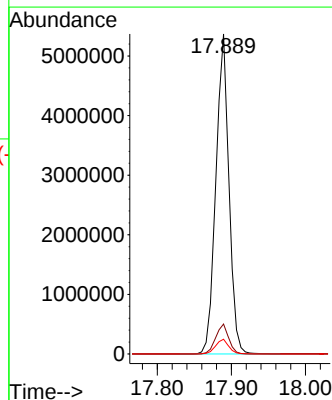
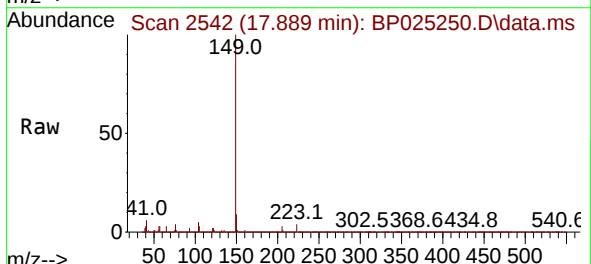
Instrument :
BNA_P
ClientSampleId :
PB169022BS

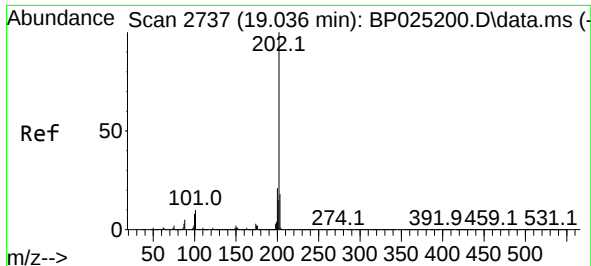
Tgt Ion:167 Resp: 5481934
Ion Ratio Lower Upper
167 100
166 21.5 17.3 25.9
139 12.6 10.1 15.1



#74
Di-n-butylphthalate
Concen: 47.127 ng
RT: 17.889 min Scan# 2542
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:149 Resp: 6555083
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 4.6 3.5 5.3

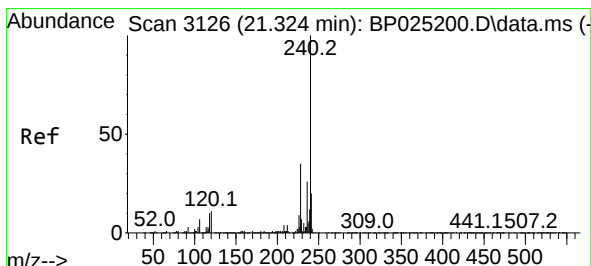
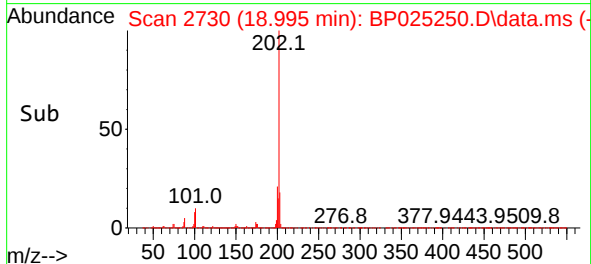
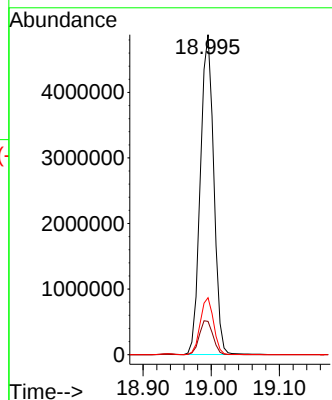
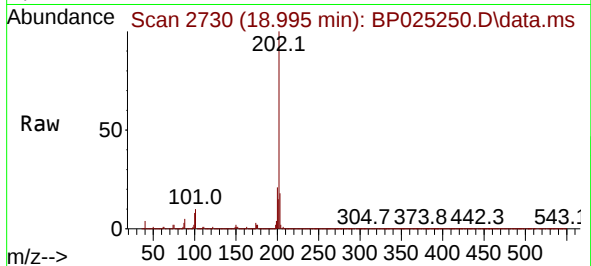




#75
Fluoranthene
Concen: 45.217 ng
RT: 18.995 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

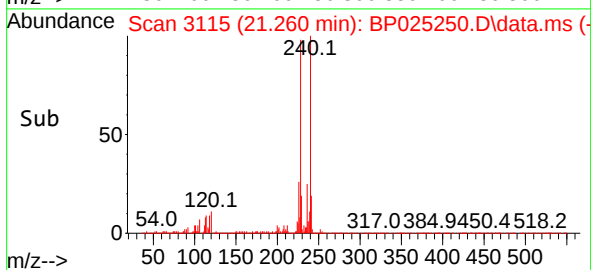
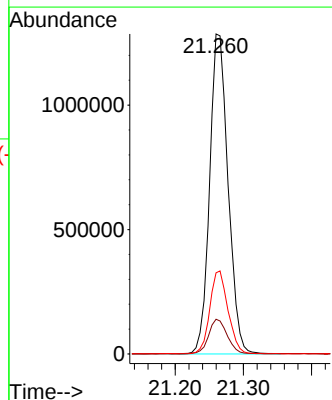
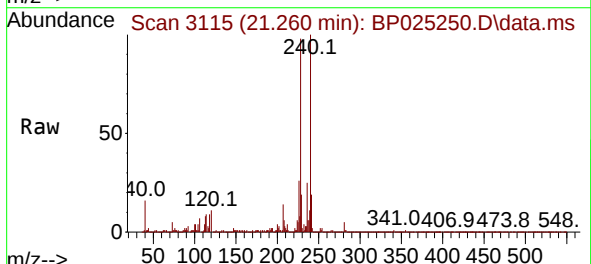
Instrument :
BNA_P
ClientSampleId :
PB169022BS

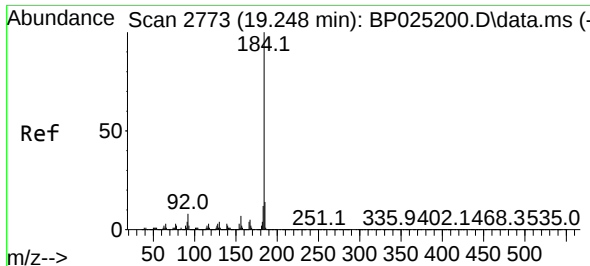
Tgt Ion:202 Resp: 6670760
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.3
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.260 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:240 Resp: 2420991
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 25.4 20.9 31.3

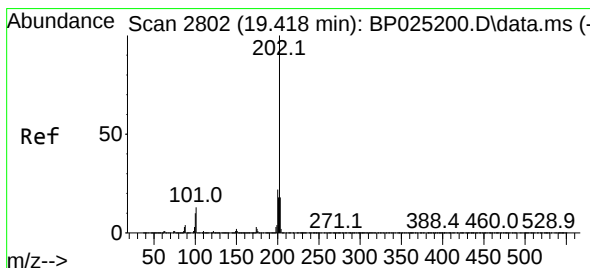
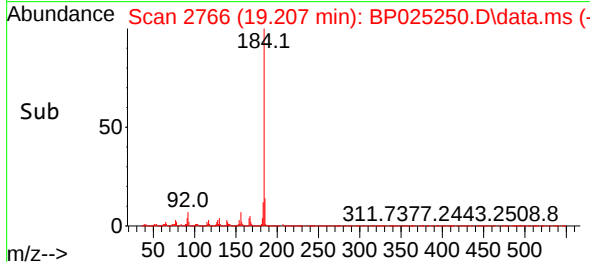
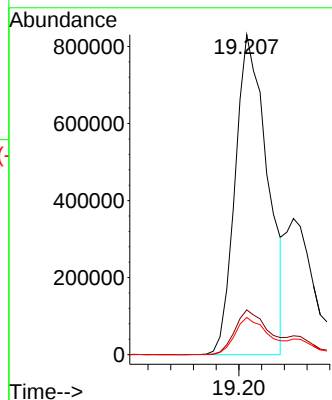
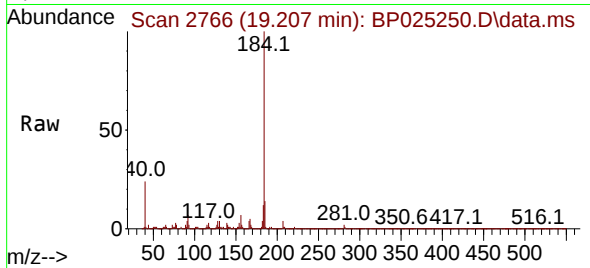




#77
Benzidine
Concen: 19.323 ng
RT: 19.207 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

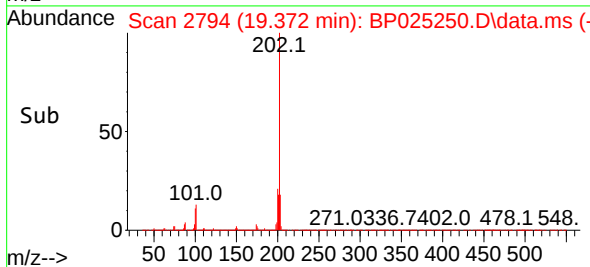
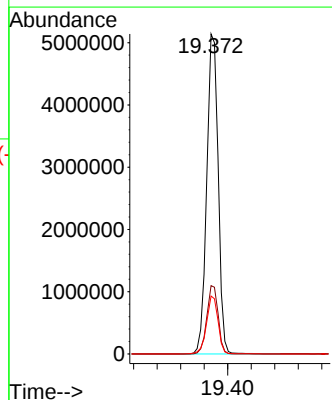
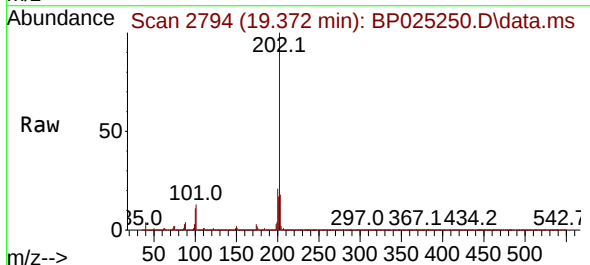
Instrument :
BNA_P
ClientSampleId :
PB169022BS

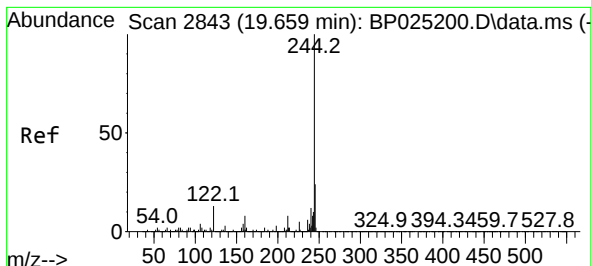
Tgt Ion:184 Resp: 1642383
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.6 9.6 14.4



#78
Pyrene
Concen: 46.515 ng
RT: 19.372 min Scan# 2794
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:202 Resp: 6943510
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 83.371 ng

RT: 19.595 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

Instrument :

BNA_P

ClientSampleId :

PB169022BS

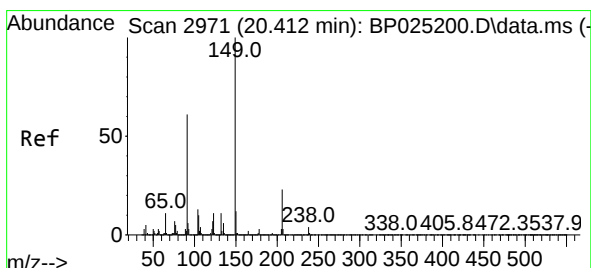
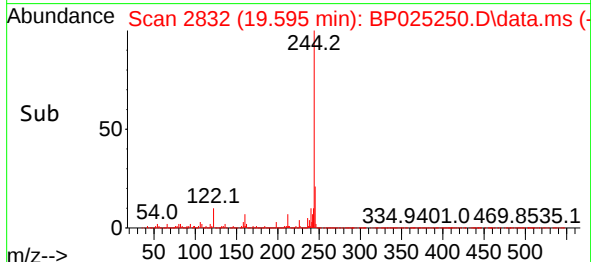
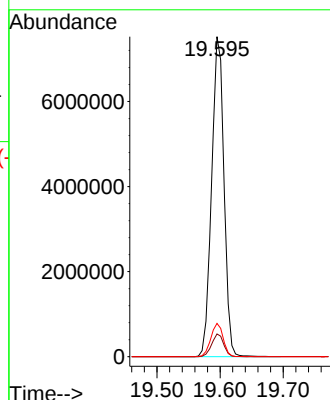
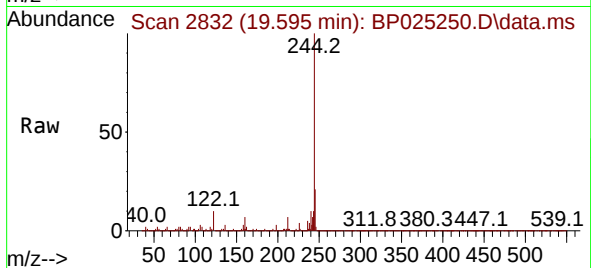
Tgt Ion:244 Resp:10224835

Ion Ratio Lower Upper

244 100

212 7.1 6.6 9.8

122 10.4 10.3 15.5



#80

Butylbenzylphthalate

Concen: 44.086 ng

RT: 20.354 min Scan# 2961

Delta R.T. 0.006 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

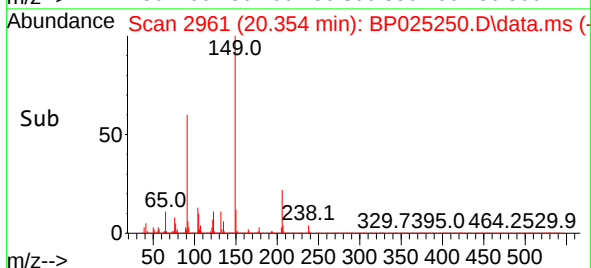
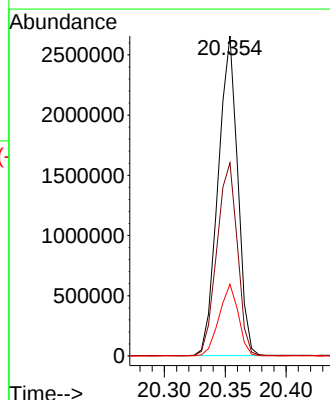
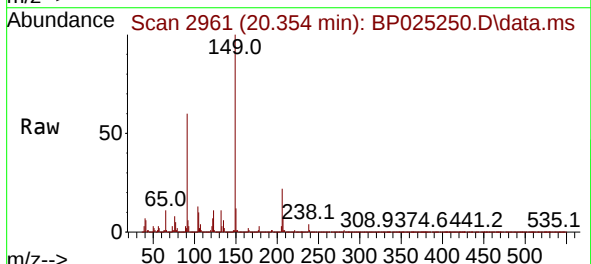
Tgt Ion:149 Resp: 2978933

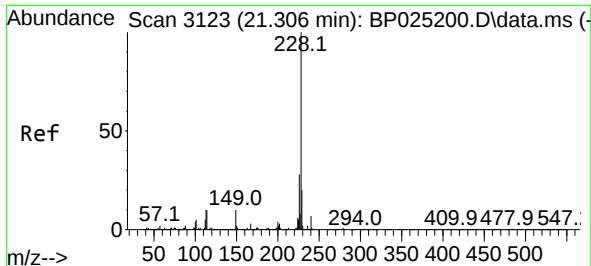
Ion Ratio Lower Upper

149 100

91 60.4 48.8 73.2

206 22.4 18.4 27.6

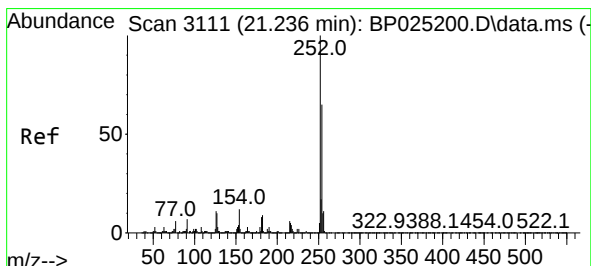
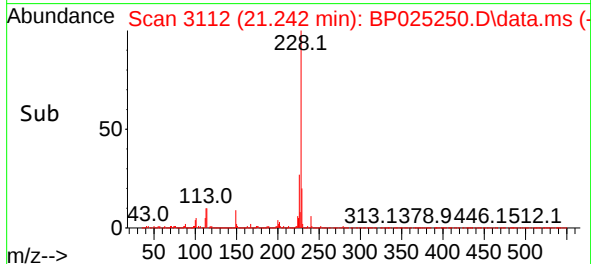
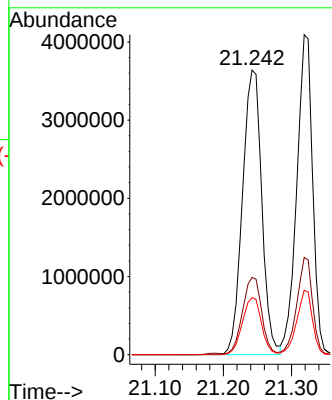
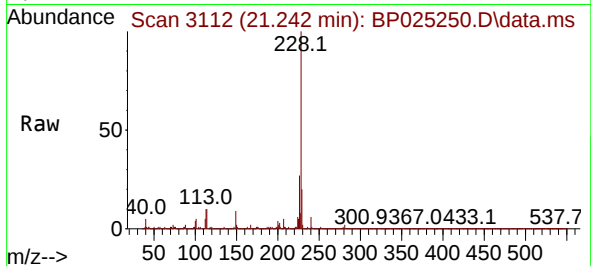




#81
Benzo(a)anthracene
Concen: 46.629 ng
RT: 21.242 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

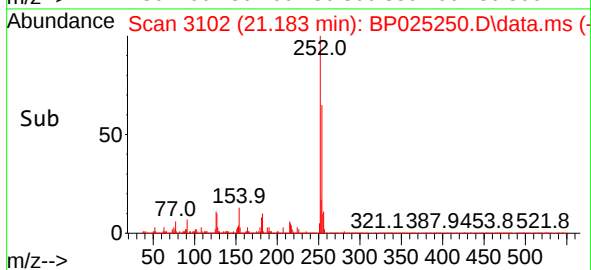
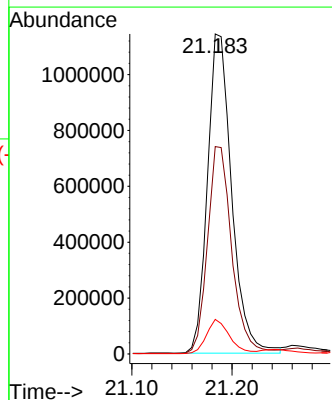
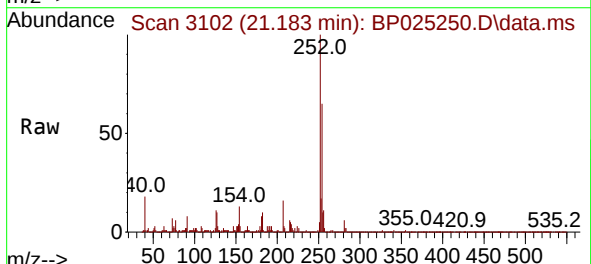
Instrument :
BNA_P
ClientSampleId :
PB169022BS

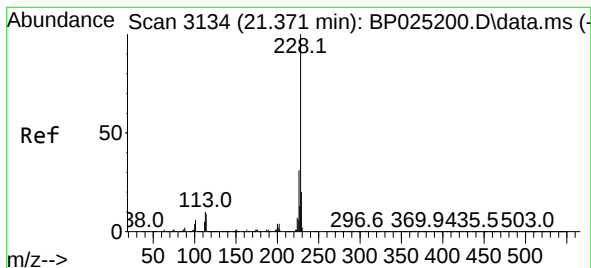
Tgt Ion:228 Resp: 7128909
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 20.1 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 30.326 ng
RT: 21.183 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:252 Resp: 1921909
Ion Ratio Lower Upper
252 100
254 64.8 52.1 78.1
126 10.8 8.6 12.8





#83

Chrysene

Concen: 46.633 ng

RT: 21.319 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

Instrument :

BNA_P

ClientSampleId :

PB169022BS

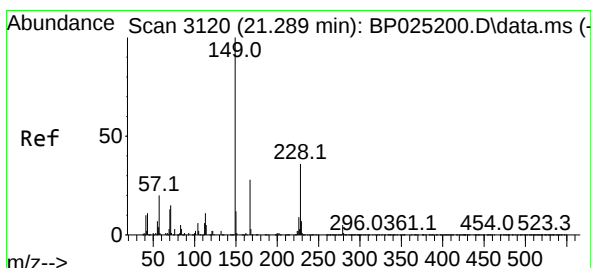
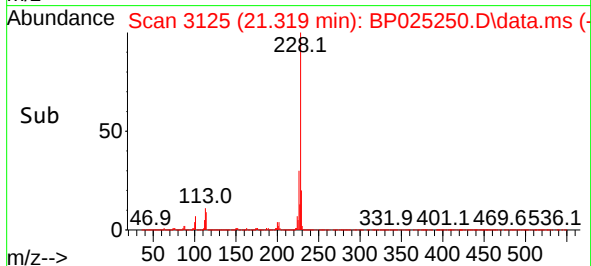
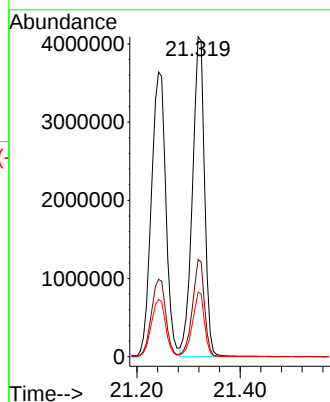
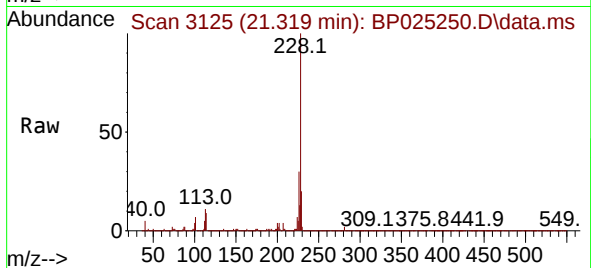
Tgt Ion:228 Resp: 6655489

Ion Ratio Lower Upper

228 100

226 30.4 24.6 37.0

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.544 ng

RT: 21.224 min Scan# 3109

Delta R.T. 0.006 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

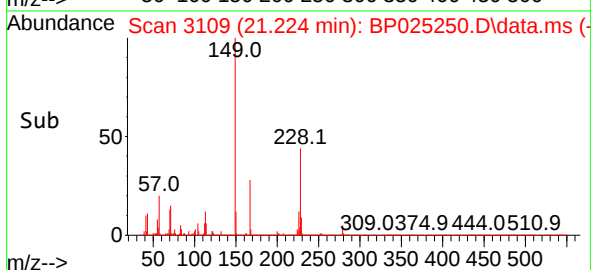
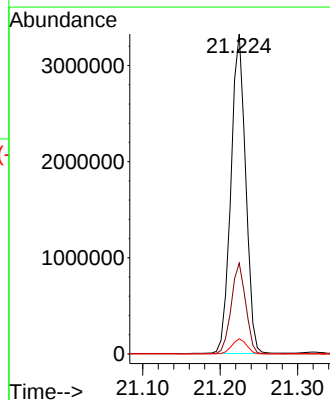
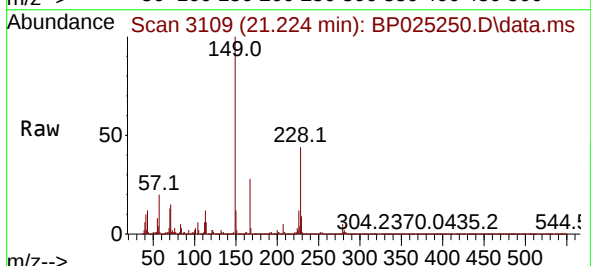
Tgt Ion:149 Resp: 4400427

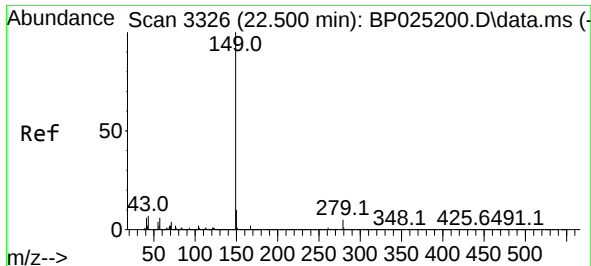
Ion Ratio Lower Upper

149 100

167 28.4 22.6 34.0

279 4.7 4.0 6.0

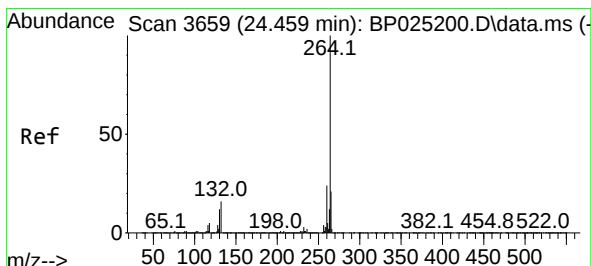
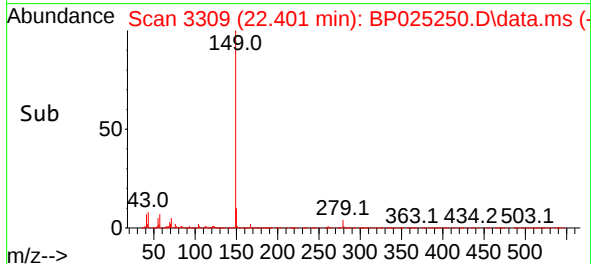
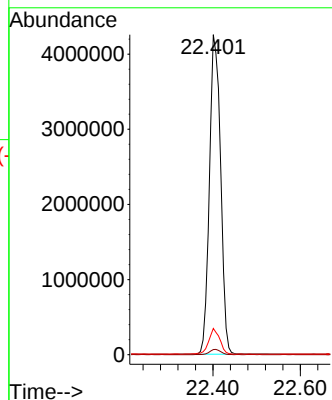
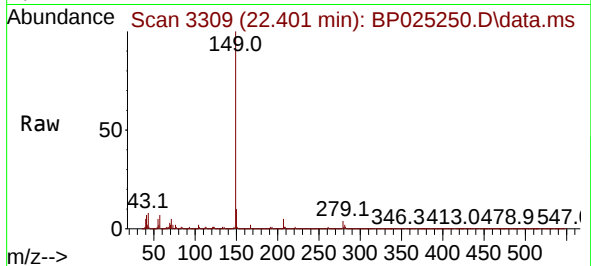




#85
Di-n-octyl phthalate
Concen: 45.281 ng
RT: 22.401 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

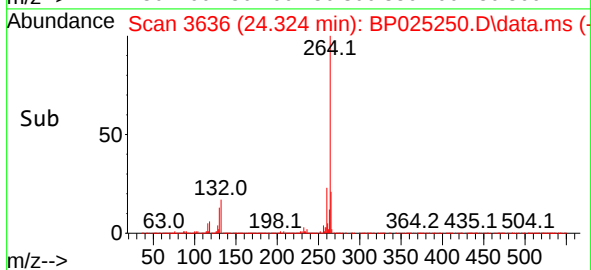
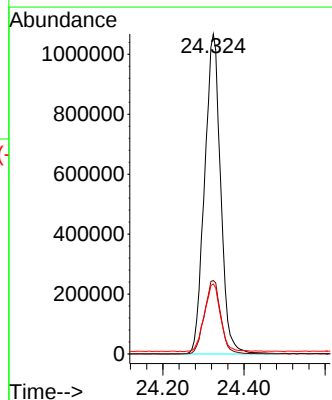
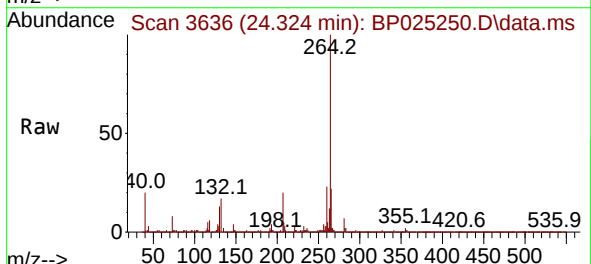
Instrument :
BNA_P
ClientSampleId :
PB169022BS

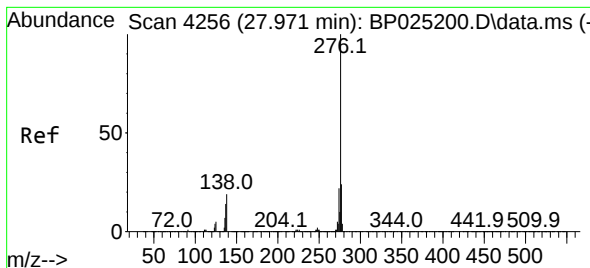
Tgt Ion:149 Resp: 7554830
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.324 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:264 Resp: 2913432
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.6
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.358 ng

RT: 27.771 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

Instrument :

BNA_P

ClientSampleId :

PB169022BS

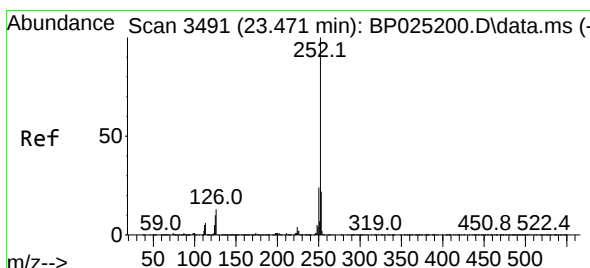
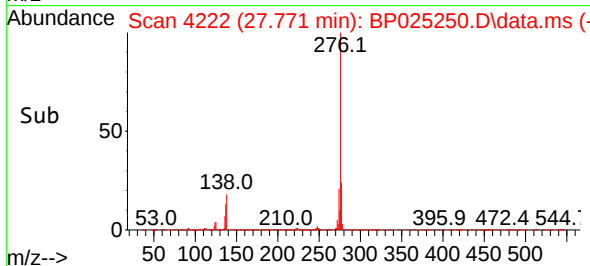
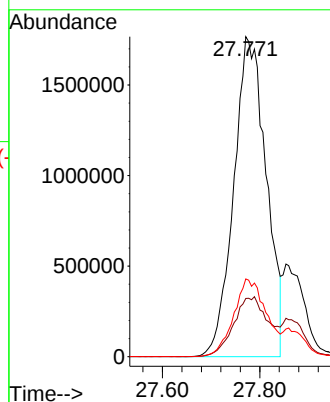
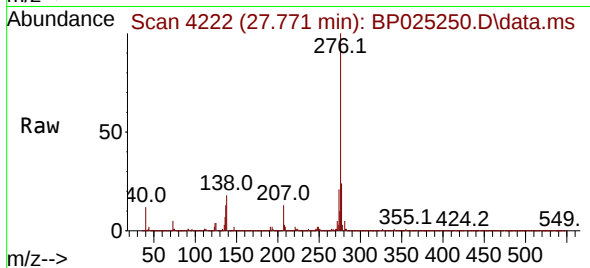
Tgt Ion:276 Resp: 8166760

Ion Ratio Lower Upper

276 100

138 20.3 12.8 19.2#

277 24.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 45.609 ng

RT: 23.377 min Scan# 3475

Delta R.T. 0.023 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

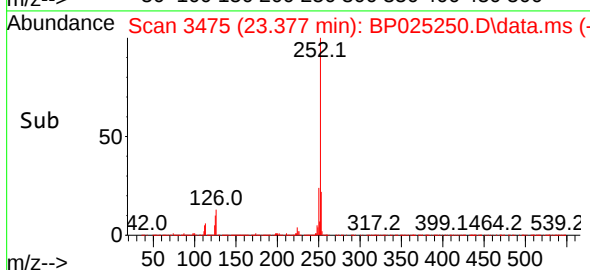
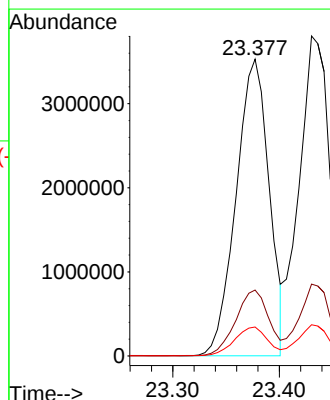
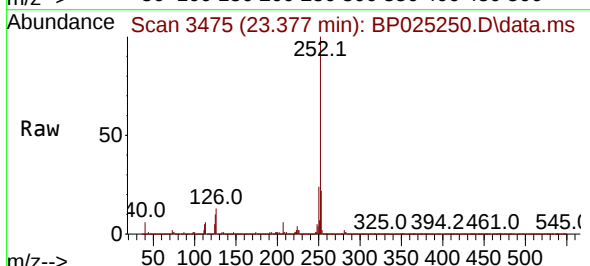
Tgt Ion:252 Resp: 7606036

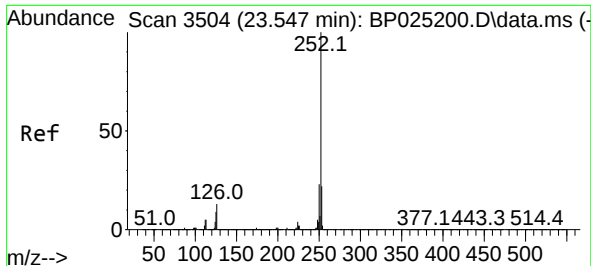
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 9.8 7.8 11.8

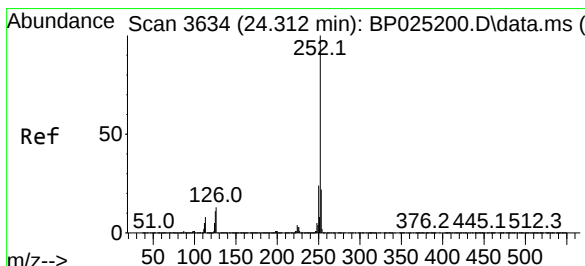
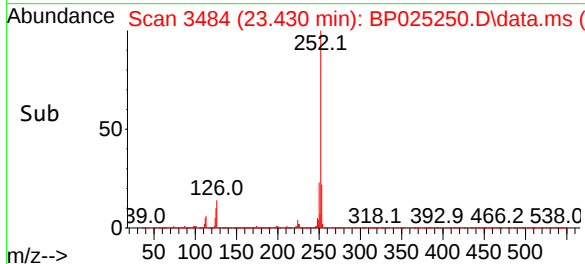
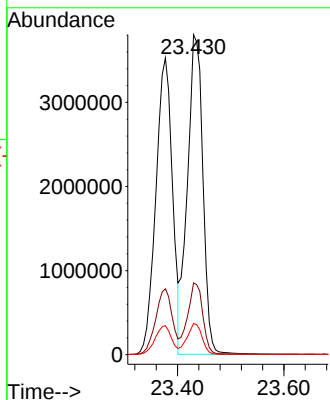
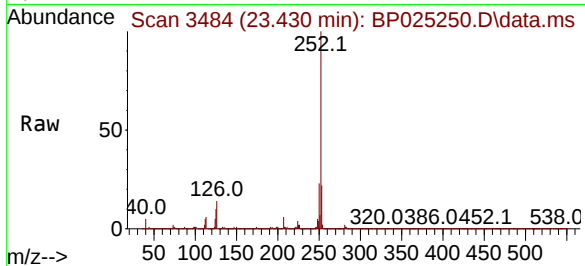




#89
Benzo(k)fluoranthene
Concen: 46.756 ng
RT: 23.430 min Scan# 34
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

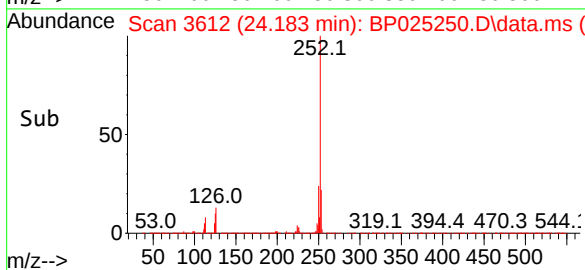
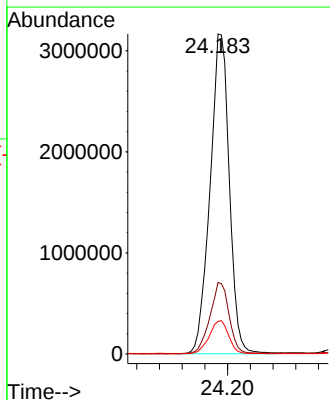
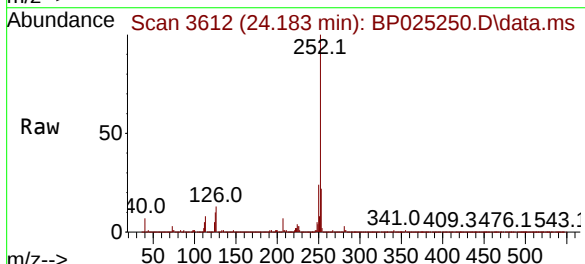
Instrument :
BNA_P
ClientSampleId :
PB169022BS

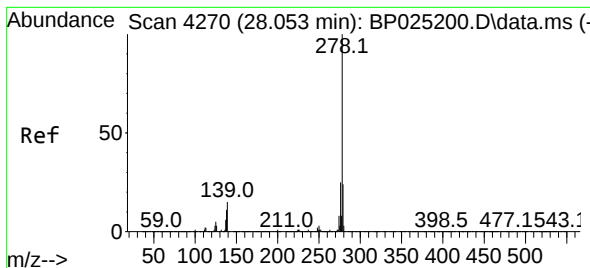
Tgt Ion:252 Resp: 7697837
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.7 7.5 11.3



#90
Benzo(a)pyrene
Concen: 45.714 ng
RT: 24.183 min Scan# 3612
Delta R.T. 0.012 min
Lab File: BP025250.D
Acq: 28 Jul 2025 15:28

Tgt Ion:252 Resp: 7438198
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.2 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 46.404 ng

RT: 27.859 min Scan# 4407

Delta R.T. 0.018 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

Instrument :

BNA_P

ClientSampleId :

PB169022BS

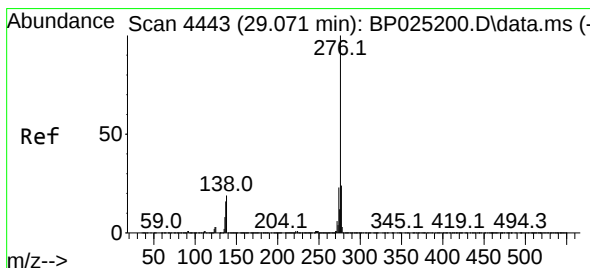
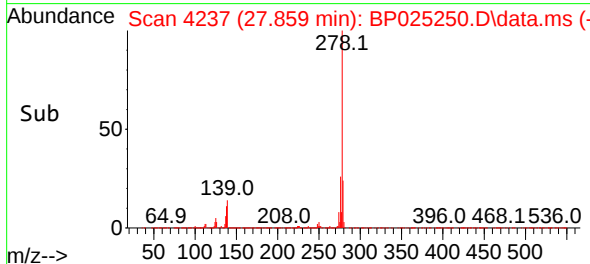
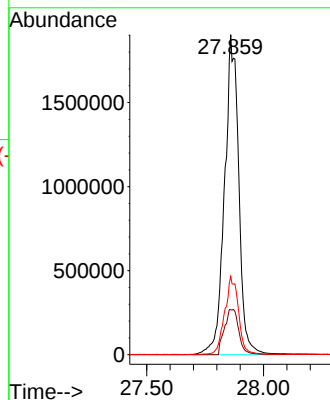
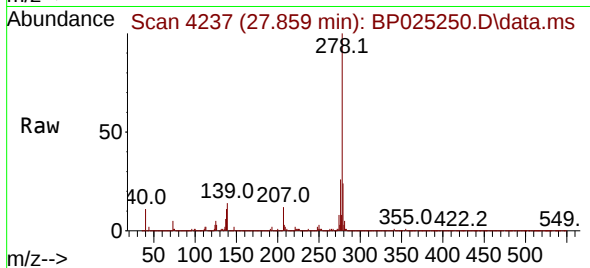
Tgt Ion:278 Resp: 8060429

Ion Ratio Lower Upper

278 100

139 14.1 12.0 18.0

279 24.4 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 46.513 ng

RT: 28.859 min Scan# 4407

Delta R.T. 0.029 min

Lab File: BP025250.D

Acq: 28 Jul 2025 15:28

Tgt Ion:276 Resp: 7939841

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 20.3 15.4 23.2

