

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
 Data File : BP025862.D
 Acq On : 25 Sep 2025 16:47
 Operator : CG/JU
 Sample : PB169834BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169834BS

Quant Time: Sep 25 17:08:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.748	152	128564	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	498297	20.000	ng	-0.01
39) Acenaphthene-d10	14.366	164	329816	20.000	ng	-0.01
64) Phenanthrene-d10	17.177	188	695295	20.000	ng	0.00
76) Chrysene-d12	21.630	240	752857	20.000	ng	-0.01
86) Perylene-d12	25.006	264	831049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1104465	138.616	ng	0.00
7) Phenol-d6	6.948	99	1387570	131.019	ng	0.00
23) Nitrobenzene-d5	8.895	82	867536	76.797	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	654891	159.194	ng	-0.01
45) 2-Fluorobiphenyl	12.977	172	2050890	82.797	ng	-0.01
79) Terphenyl-d14	19.901	244	3551362	84.861	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	121682	36.387	ng	95
3) Pyridine	3.701	79	350214	38.033	ng	92
4) n-Nitrosodimethylamine	3.607	42	165796	38.157	ng	86
6) Aniline	7.084	93	496278	34.136	ng	99
8) 2-Chlorophenol	7.331	128	419285	47.968	ng	96
9) Benzaldehyde	6.901	77	244928	38.585	ng	98
10) Phenol	6.978	94	524940	47.007	ng	95
11) bis(2-Chloroethyl)ether	7.178	93	395705	44.105	ng	95
12) 1,3-Dichlorobenzene	7.637	146	449010	45.134	ng	98
13) 1,4-Dichlorobenzene	7.778	146	460982	45.490	ng	99
14) 1,2-Dichlorobenzene	8.095	146	441324	44.829	ng	99
15) Benzyl Alcohol	7.995	79	390006	44.565	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	564125	38.448	ng	96
17) 2-Methylphenol	8.201	107	355286	47.189	ng	98
18) Hexachloroethane	8.813	117	171033	44.186	ng	97
19) n-Nitroso-di-n-propyla...	8.542	70	309652	41.920	ng	94
20) 3+4-Methylphenols	8.531	107	478155	45.348	ng	98
22) Acetophenone	8.560	105	689963	51.813	ng	97
24) Nitrobenzene	8.937	77	455673	44.965	ng	96
25) Isophorone	9.460	82	869375	43.785	ng	99
26) 2-Nitrophenol	9.642	139	229911	51.099	ng	90
27) 2,4-Dimethylphenol	9.707	122	391709	49.625	ng	99
28) bis(2-Chloroethoxy)met...	9.925	93	525625	45.796	ng	99
29) 2,4-Dichlorophenol	10.195	162	405020	51.463	ng	98
30) 1,2,4-Trichlorobenzene	10.378	180	427880	48.241	ng	98
31) Naphthalene	10.572	128	1233456	45.907	ng	100
32) Benzoic acid	9.895	122	337144	57.449	ng	99
33) 4-Chloroaniline	10.678	127	350637	31.310	ng	99
34) Hexachlorobutadiene	10.848	225	287424	50.339	ng	99
35) Caprolactam	11.483	113	136207	44.897	ng	87
36) 4-Chloro-3-methylphenol	11.830	107	458867	48.905	ng	97
37) 2-Methylnaphthalene	12.178	142	805809	46.694	ng	99
38) 1-Methylnaphthalene	12.395	142	837279	45.498	ng	99
40) 1,2,4,5-Tetrachloroben...	12.548	216	561743	56.206	ng	99
41) Hexachlorocyclopentadiene	12.525	237	530447	97.450	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	346324	52.711	ng	99

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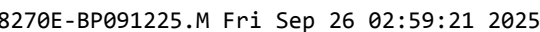
Instrument :
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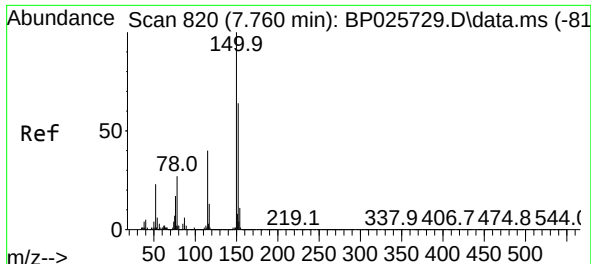
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	379843	51.946	ng	95
46) 1,1'-Biphenyl	13.189	154	1295843	53.528	ng	99
47) 2-Chloronaphthalene	13.236	162	904857	47.470	ng	99
48) 2-Nitroaniline	13.448	65	293717	46.224	ng	90
49) Acenaphthylene	14.083	152	1540130	48.764	ng	100
50) Dimethylphthalate	13.824	163	1202704	47.764	ng	99
51) 2,6-Dinitrotoluene	13.942	165	267025	50.053	ng	95
52) Acenaphthene	14.430	154	845898	46.442	ng	99
53) 3-Nitroaniline	14.289	138	210210	37.470	ng	98
54) 2,4-Dinitrophenol	14.507	184	326061	93.159	ng	97
55) Dibenzofuran	14.777	168	1403644	47.284	ng	99
56) 4-Nitrophenol	14.660	139	373586	77.478	ng	94
57) 2,4-Dinitrotoluene	14.754	165	386961	50.968	ng	90
58) Fluorene	15.436	166	1147258	48.602	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.024	232	346159	52.552	ng	93
60) Diethylphthalate	15.213	149	1236009	48.392	ng	99
61) 4-Chlorophenyl-phenylether	15.430	204	593466	49.886	ng	97
62) 4-Nitroaniline	15.471	138	285016	49.591	ng	96
63) Azobenzene	15.730	77	1096204	44.386	ng	97
65) 4,6-Dinitro-2-methylph...	15.536	198	236960	51.246	ng	85
66) n-Nitrosodiphenylamine	15.660	169	1023204	48.088	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	392989	51.449	ng	98
68) Hexachlorobenzene	16.471	284	444855	52.224	ng	93
69) Atrazine	16.642	200	404623	49.749	ng	97
70) Pentachlorophenol	16.836	266	582695	103.647	ng	99
71) Phenanthrene	17.224	178	1843738	46.747	ng	99
72) Anthracene	17.324	178	1908459	47.690	ng	100
73) Carbazole	17.607	167	1787791	48.053	ng	99
74) Di-n-butylphthalate	18.183	149	2196885	48.117	ng	99
75) Fluoranthene	19.318	202	2285551	48.318	ng	99
77) Benzidine	19.512	184	1292563	59.603	ng	99
78) Pyrene	19.695	202	2385927	47.496	ng	99
80) Butylbenzylphthalate	20.636	149	1053316	47.822	ng	93
81) Benzo(a)anthracene	21.606	228	2453113	47.595	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	751619	42.174	ng	99
83) Chrysene	21.677	228	2328576	47.394	ng	100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1510913	46.887	ng	100
85) Di-n-octyl phthalate	22.812	149	2706412	47.214	ng	96
87) Indeno(1,2,3-cd)pyrene	28.835	276	2989856	49.472	ng	# 79
88) Benzo(b)fluoranthene	23.924	252	2454085	48.289	ng	98
89) Benzo(k)fluoranthene	23.995	252	2498831	48.185	ng	99
90) Benzo(a)pyrene	24.830	252	2335045	46.918	ng	99
91) Dibenzo(a,h)anthracene	28.900	278	2470674	49.957	ng	96
92) Benzo(g,h,i)perylene	30.030	276	2410379	49.559	ng	98

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

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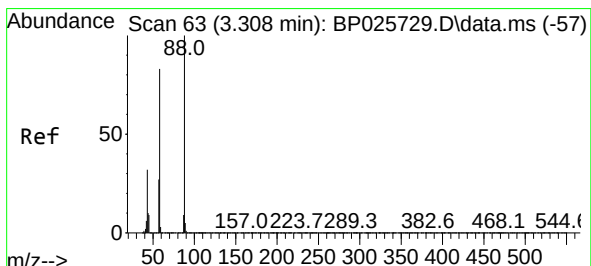
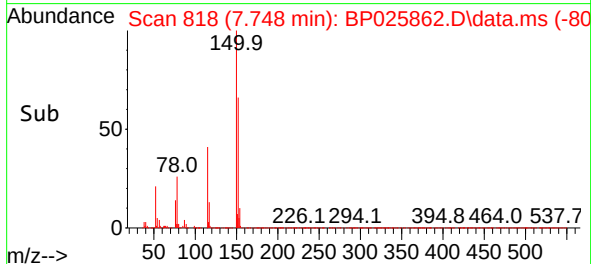
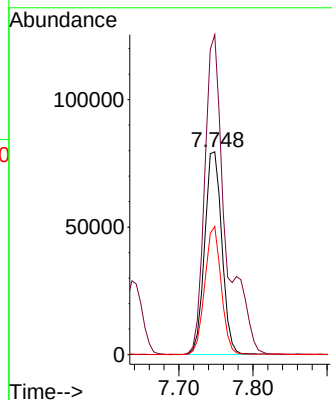
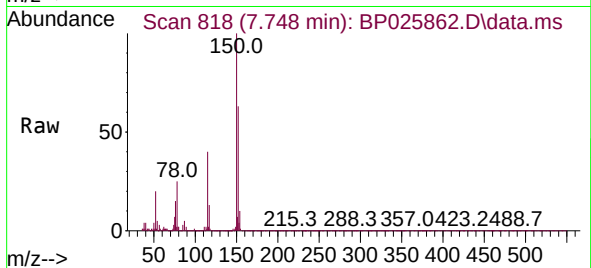




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.748 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP025862.D
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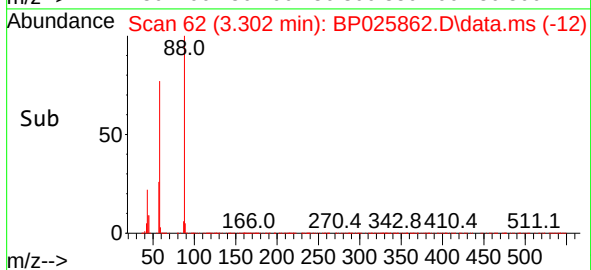
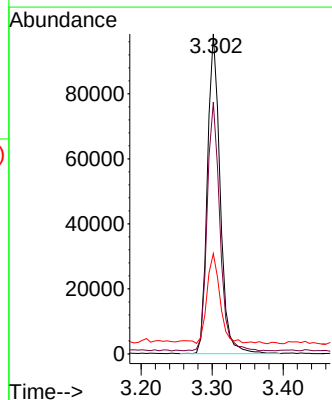
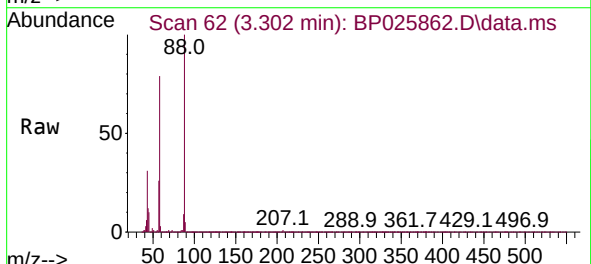
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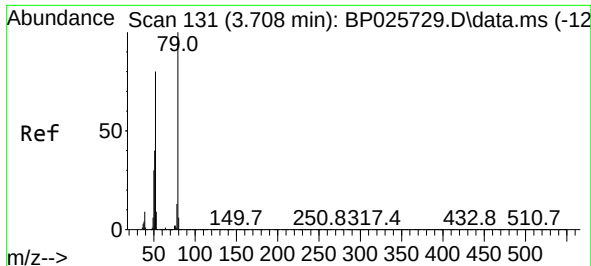
Tgt Ion:152 Resp: 128564
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.3 186.5
 115 63.1 50.3 75.5



#2
 1,4-Dioxane
 Concen: 36.387 ng
 RT: 3.302 min Scan# 62
 Delta R.T. -0.006 min
 Lab File: BP025862.D
 Acq: 25 Sep 2025 16:47

Tgt Ion: 88 Resp: 121682
 Ion Ratio Lower Upper
 88 100
 58 77.8 65.5 98.3
 43 28.4 25.2 37.8

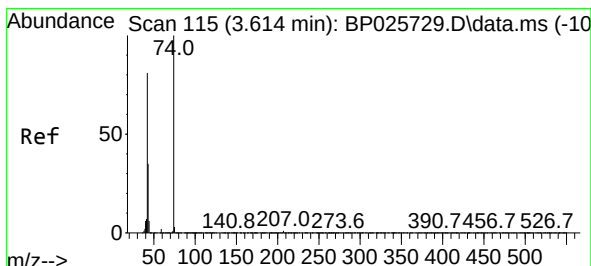
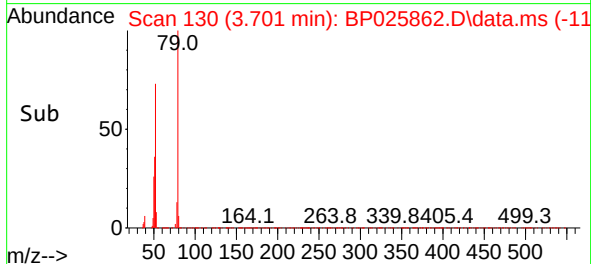
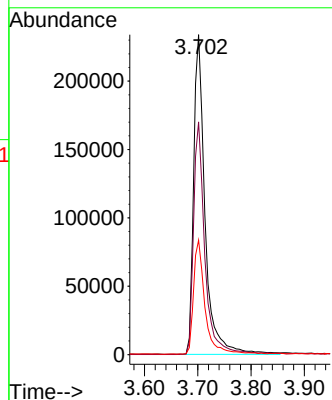
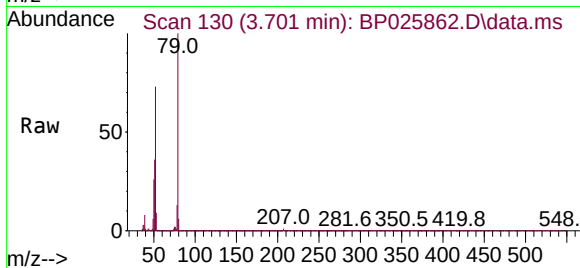




#3
Pyridine
Concen: 38.033 ng
RT: 3.701 min Scan# 113
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

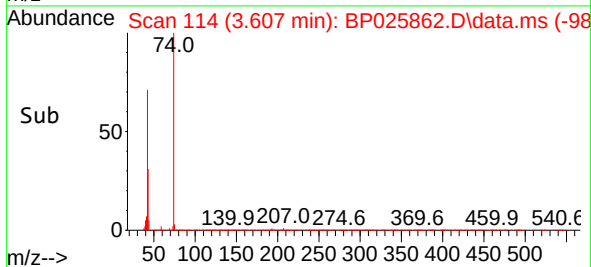
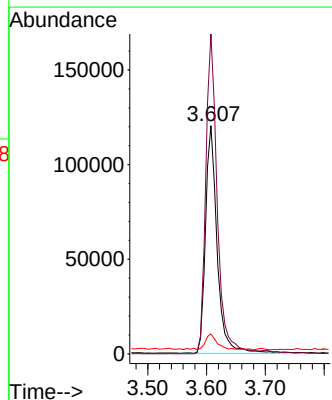
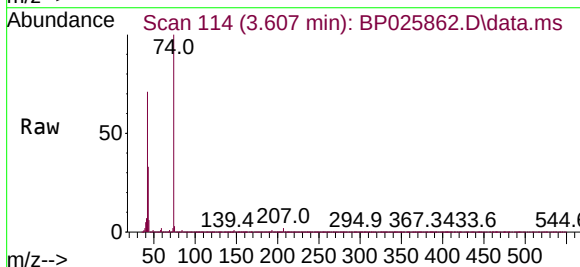
Instrument :
BNA_P
ClientSampleId :
PB169834BS

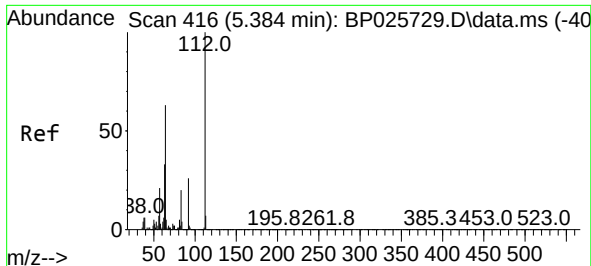
Tgt Ion: 79 Resp: 350214
Ion Ratio Lower Upper
79 100
52 72.7 63.7 95.5
51 35.8 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 38.157 ng
RT: 3.607 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 42 Resp: 165796
Ion Ratio Lower Upper
42 100
74 140.2 99.2 148.8
44 8.8 6.4 9.6

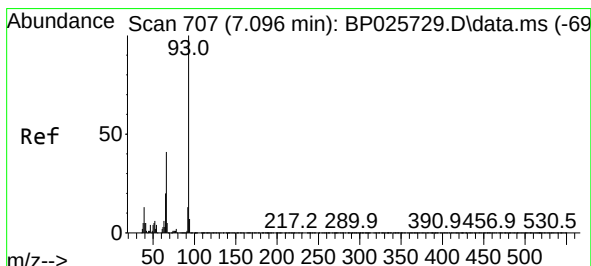
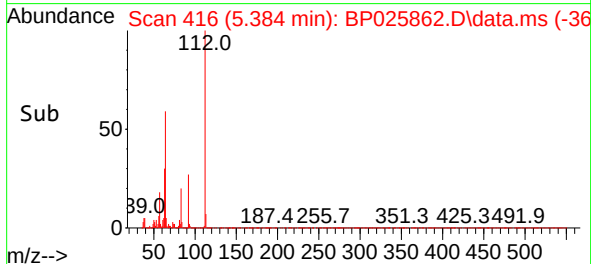
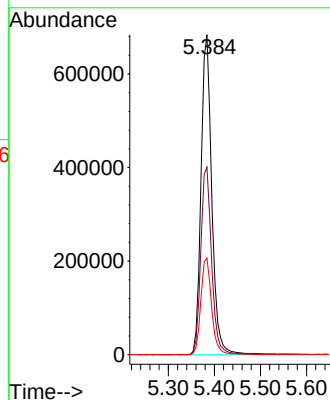
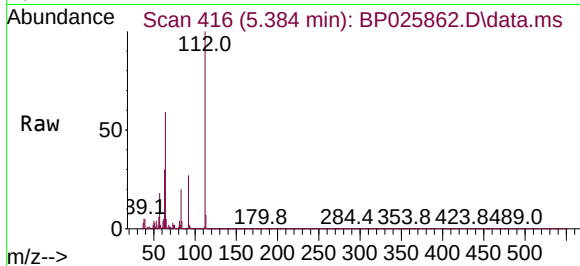




#5
2-Fluorophenol
Concen: 138.616 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

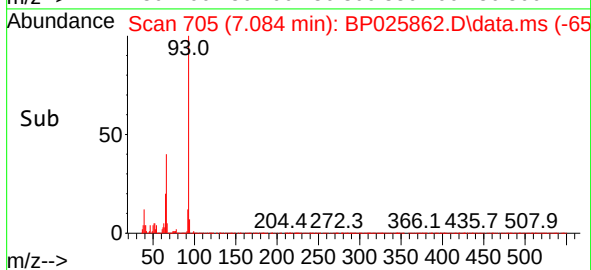
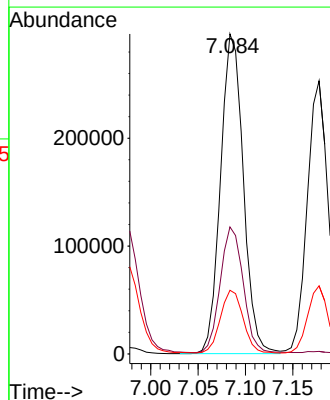
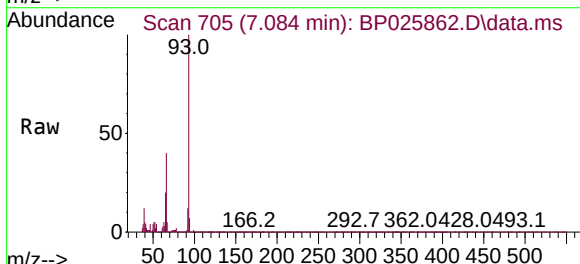
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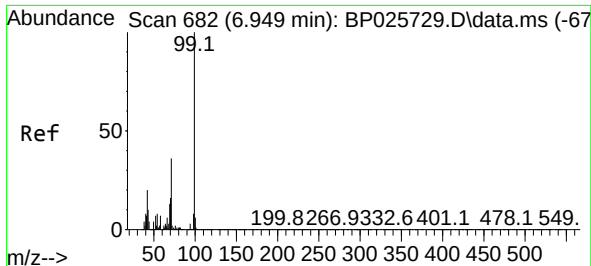
Tgt Ion:112 Resp: 1104465
Ion Ratio Lower Upper
112 100
64 58.6 50.2 75.4
63 30.2 26.7 40.1



#6
Aniline
Concen: 34.136 ng
RT: 7.084 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 93 Resp: 496278
Ion Ratio Lower Upper
93 100
66 39.7 32.6 49.0
65 19.9 16.2 24.2

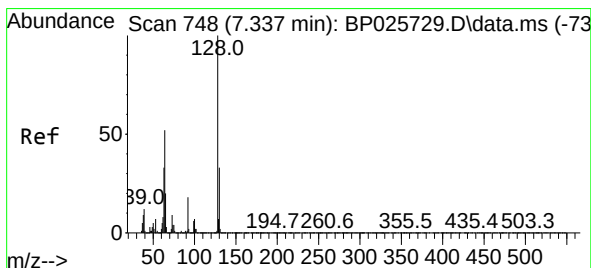
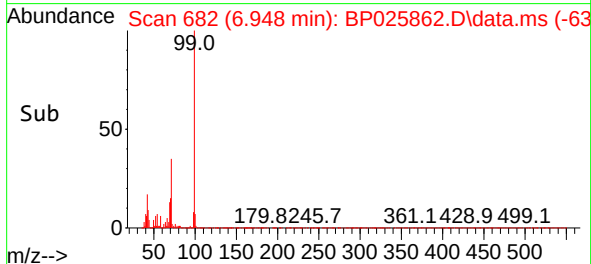
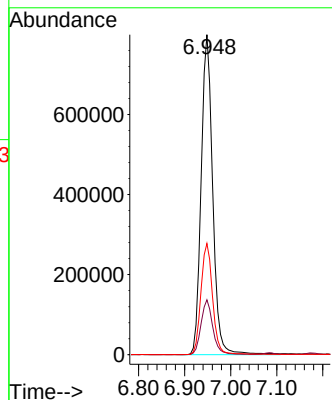
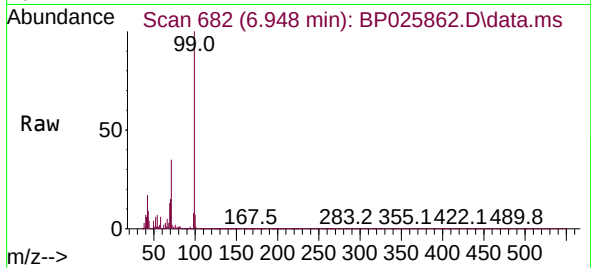




#7
Phenol-d6
Concen: 131.019 ng
RT: 6.948 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

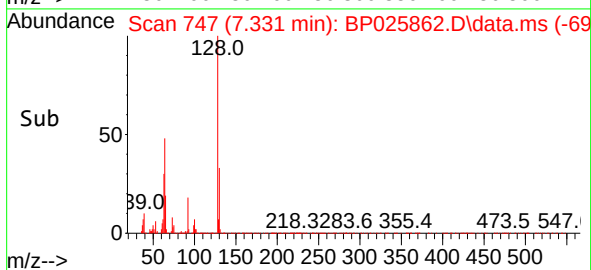
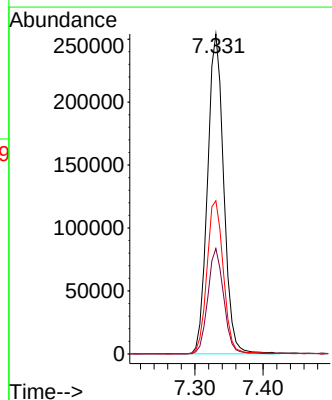
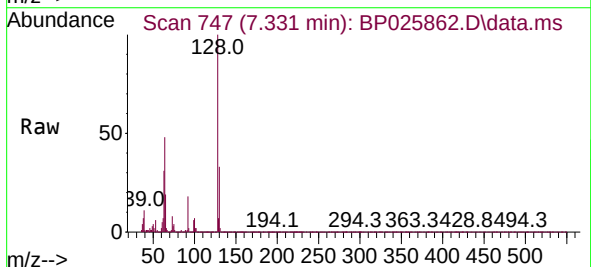
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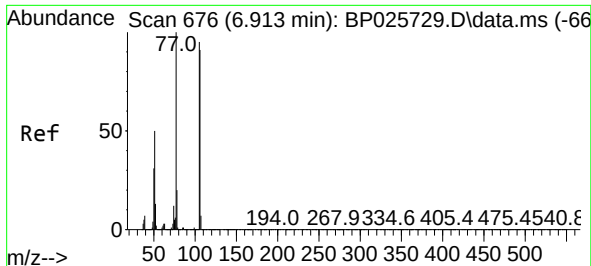
Tgt Ion: 99 Resp: 1387570
Ion Ratio Lower Upper
99 100
42 17.1 15.6 23.4
71 34.7 28.6 43.0



#8
2-Chlorophenol
Concen: 47.968 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:128 Resp: 419285
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 47.9 31.6 71.6

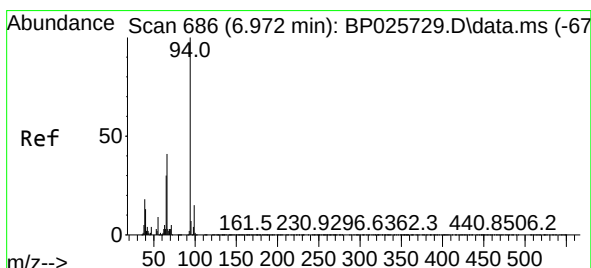
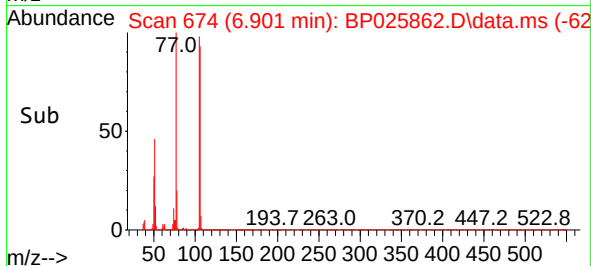
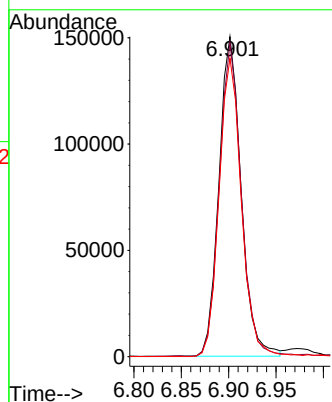
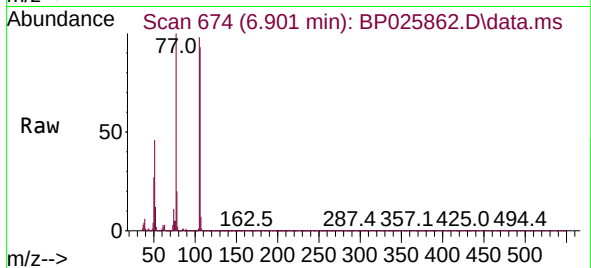




#9
Benzaldehyde
Concen: 38.585 ng
RT: 6.901 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

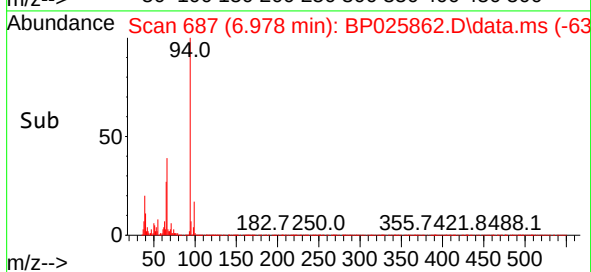
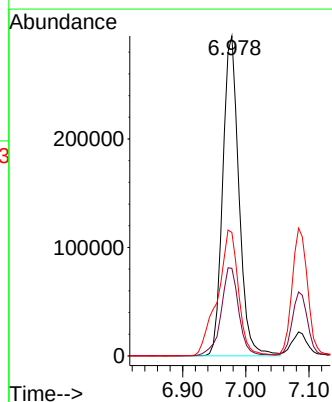
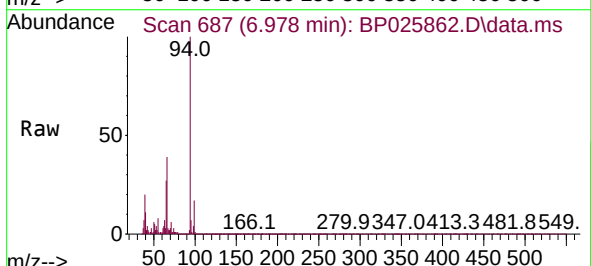
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ClientSampleId :
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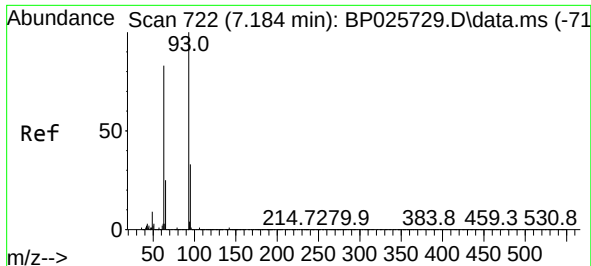
Tgt Ion: 77 Resp: 244928
Ion Ratio Lower Upper
77 100
105 97.9 75.2 115.2
106 93.2 71.3 111.3



#10
Phenol
Concen: 47.007 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 94 Resp: 524940
Ion Ratio Lower Upper
94 100
65 27.4 10.2 50.2
66 38.6 21.4 61.4

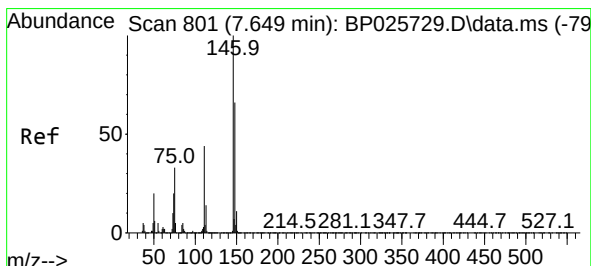
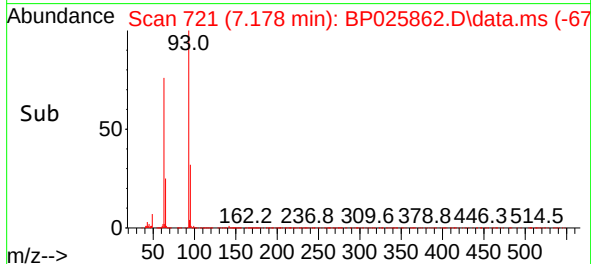
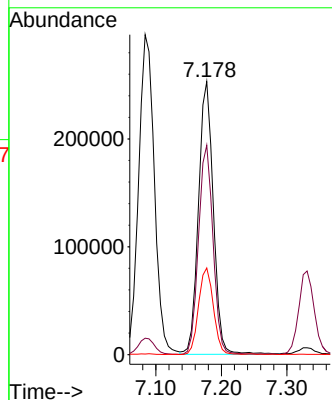
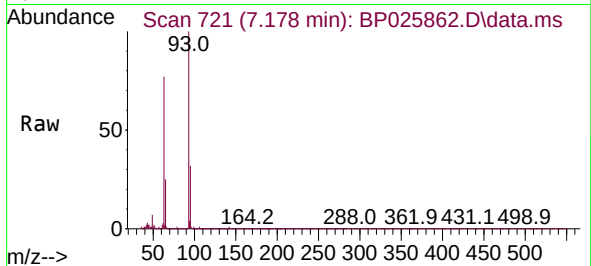




#11
bis(2-Chloroethyl)ether
Concen: 44.105 ng
RT: 7.178 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

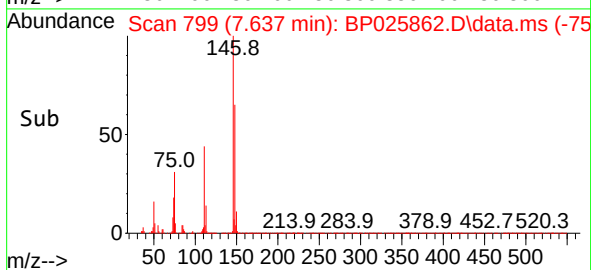
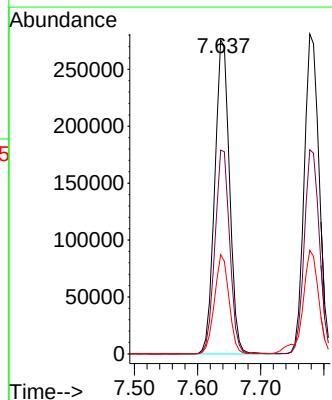
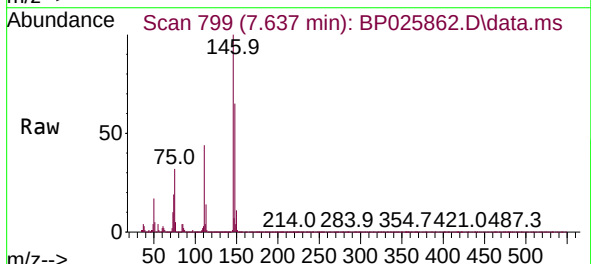
Instrument :
BNA_P
ClientSampleId :
PB169834BS

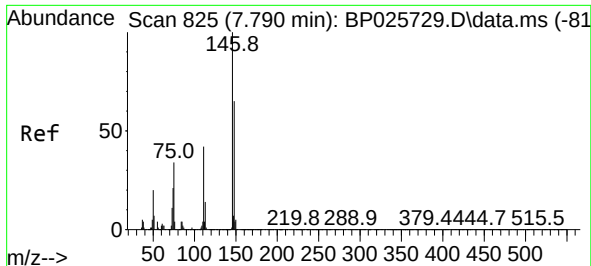
Tgt Ion: 93 Resp: 395705
Ion Ratio Lower Upper
93 100
63 76.7 62.6 102.6
95 31.8 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 45.134 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:146 Resp: 449010
Ion Ratio Lower Upper
146 100
148 64.9 52.7 79.1
75 31.7 26.4 39.6

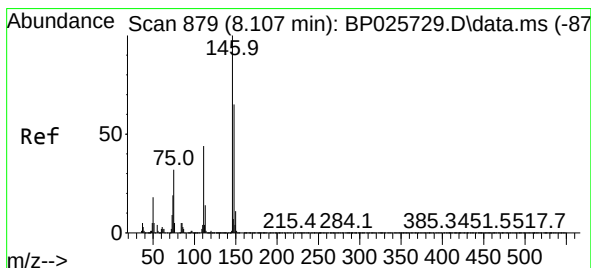
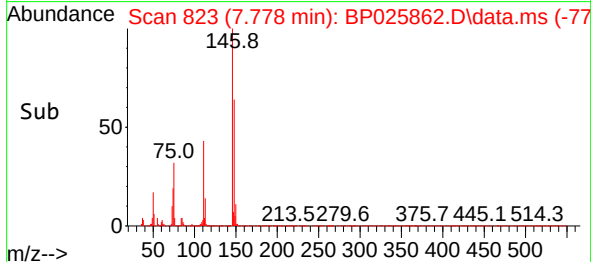
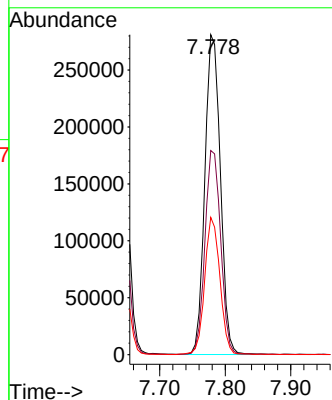
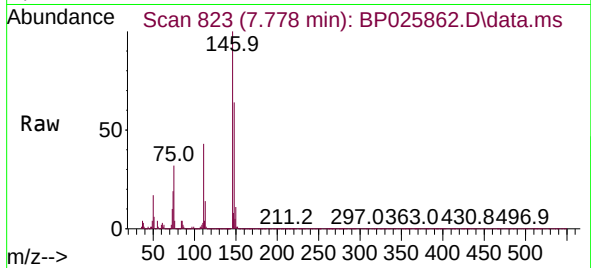




#13
1,4-Dichlorobenzene
Concen: 45.490 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

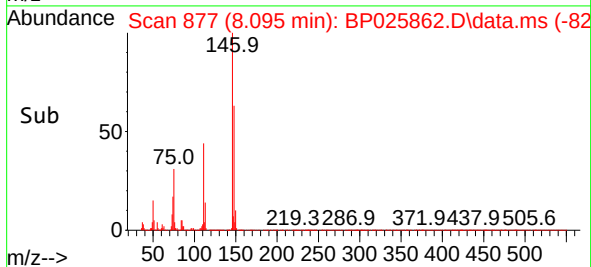
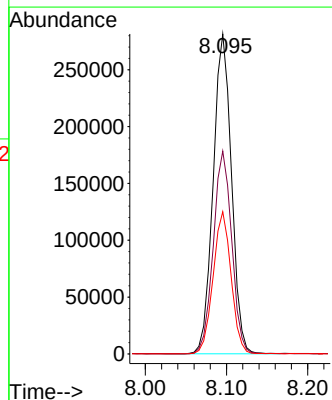
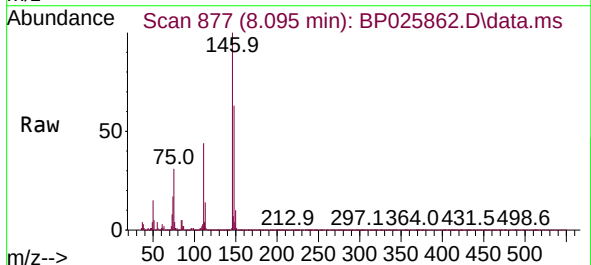
Instrument :
BNA_P
ClientSampleId :
PB169834BS

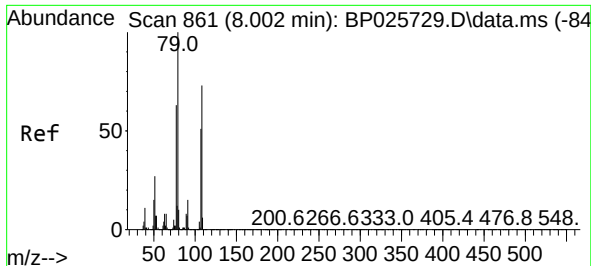
Tgt Ion:146 Resp: 460982
Ion Ratio Lower Upper
146 100
148 63.8 52.0 78.0
111 42.9 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 44.829 ng
RT: 8.095 min Scan# 877
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:146 Resp: 441324
Ion Ratio Lower Upper
146 100
148 63.4 51.7 77.5
111 44.5 35.5 53.3

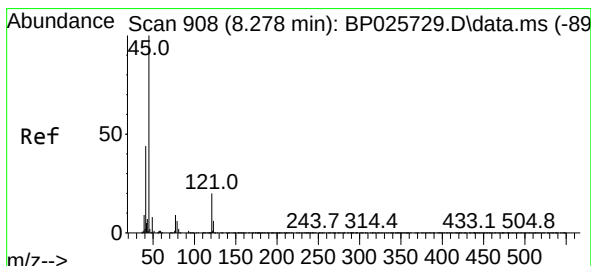
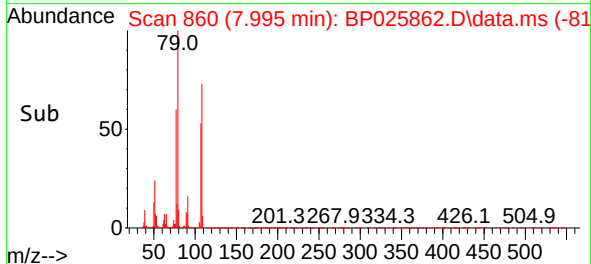
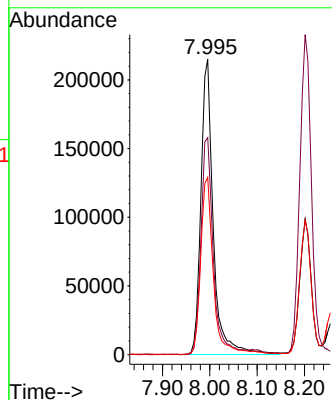
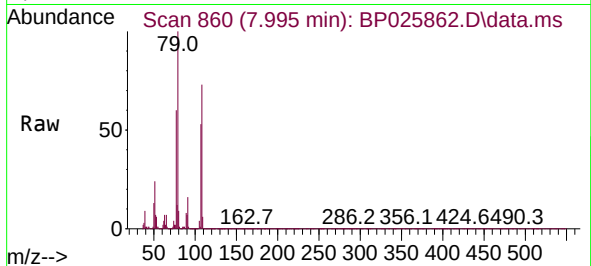




#15
Benzyl Alcohol
Concen: 44.565 ng
RT: 7.995 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

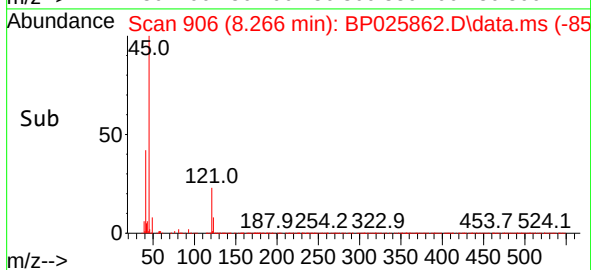
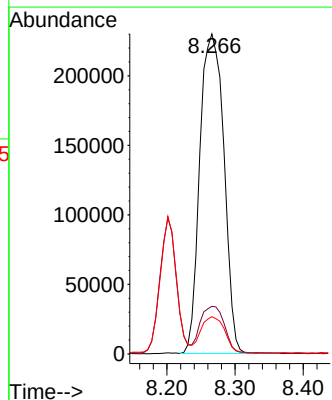
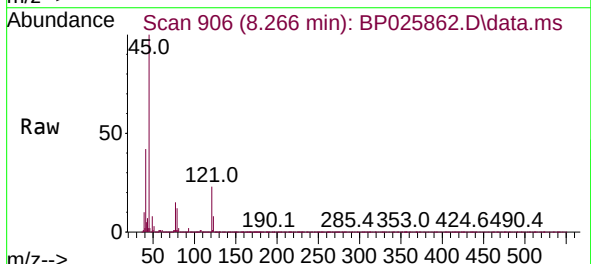
Instrument :
BNA_P
ClientSampleId :
PB169834BS

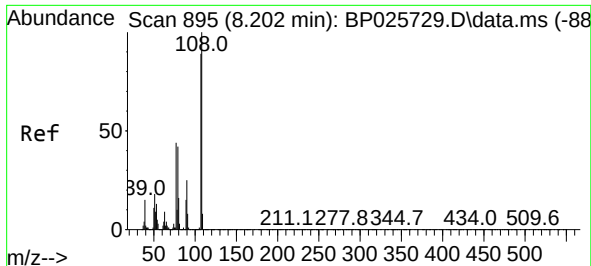
Tgt Ion: 79 Resp: 390006
Ion Ratio Lower Upper
79 100
108 73.4 58.7 88.1
77 60.0 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.448 ng
RT: 8.266 min Scan# 906
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 45 Resp: 564125
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.1
79 11.6 0.0 30.0

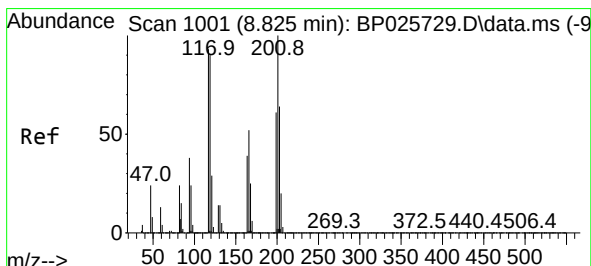
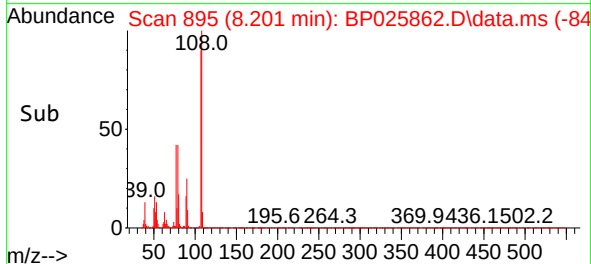
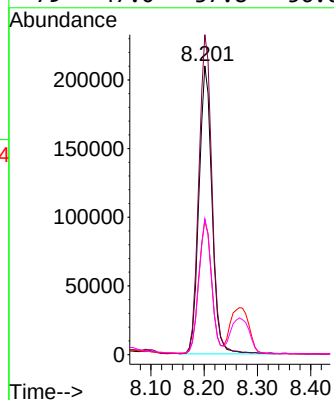
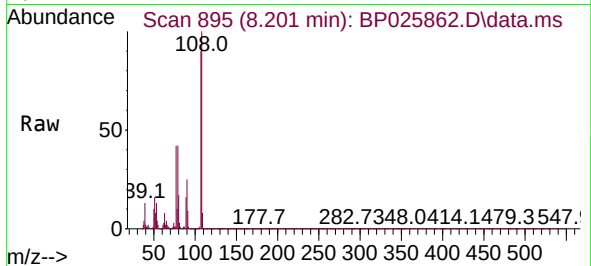




#17
2-Methylphenol
Concen: 47.189 ng
RT: 8.201 min Scan# 895
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

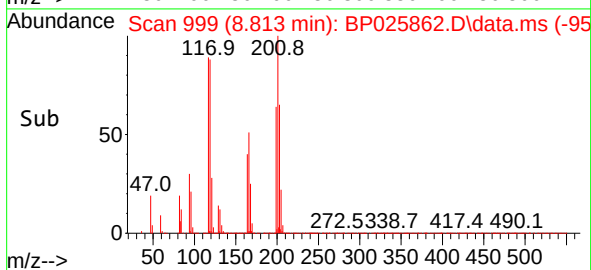
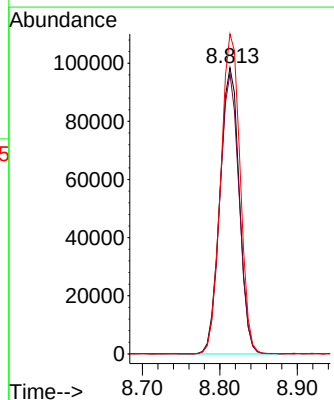
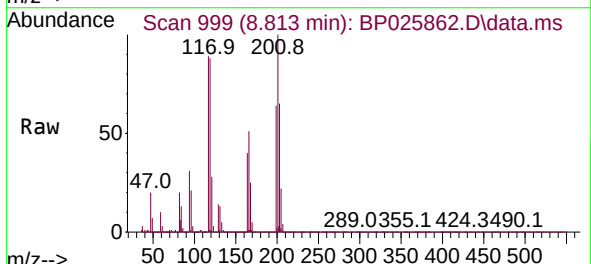
Instrument :
BNA_P
ClientSampleId :
PB169834BS

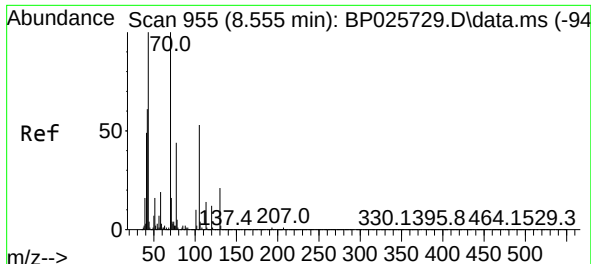
Tgt Ion:	107	Resp:	355286
Ion	Ratio	Lower	Upper
107	100		
108	110.8	89.6	134.4
77	46.5	39.3	58.9
79	47.0	37.8	56.6



#18
Hexachloroethane
Concen: 44.186 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:	117	Resp:	171033
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.1	115.7
201	111.8	85.6	128.4

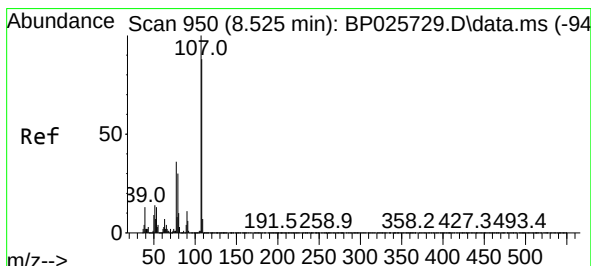
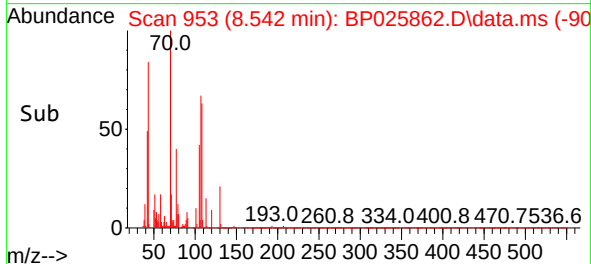
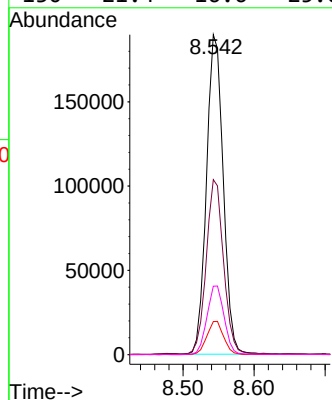
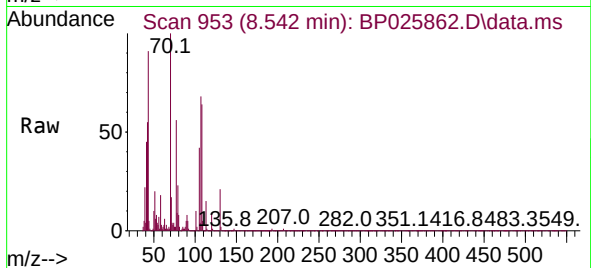




#19
n-Nitroso-di-n-propylamine
Concen: 41.920 ng
RT: 8.542 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

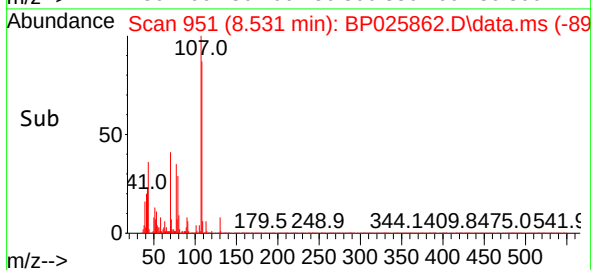
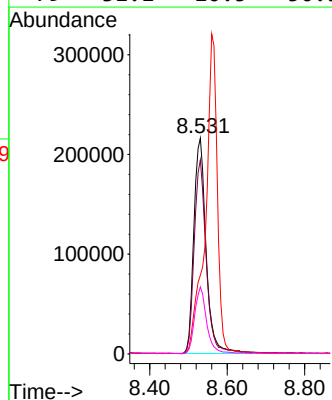
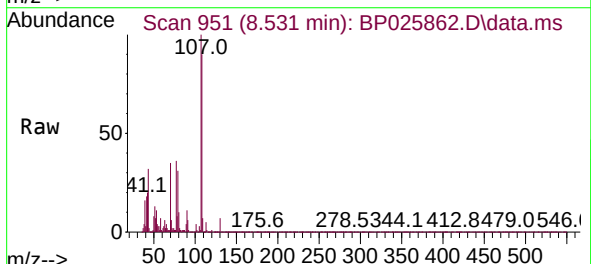
Instrument :
BNA_P
ClientSampleId :
PB169834BS

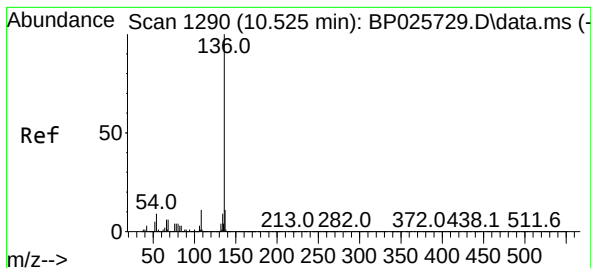
Tgt Ion: 70 Resp: 309652
Ion Ratio Lower Upper
70 100
42 54.7 49.0 73.4
101 10.3 7.9 11.9
130 21.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.348 ng
RT: 8.531 min Scan# 951
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 107 Resp: 478155
Ion Ratio Lower Upper
107 100
108 89.9 67.8 107.8
77 36.4 16.1 56.1
79 31.1 10.5 50.5

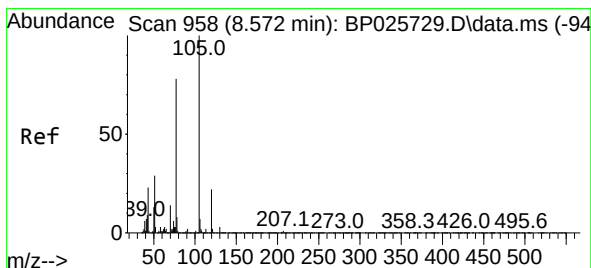
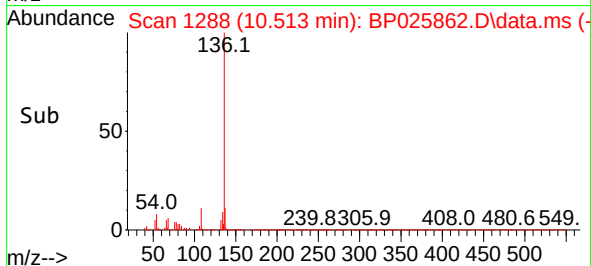
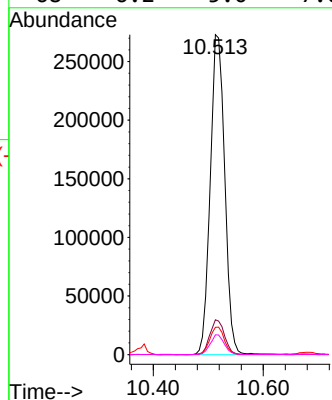
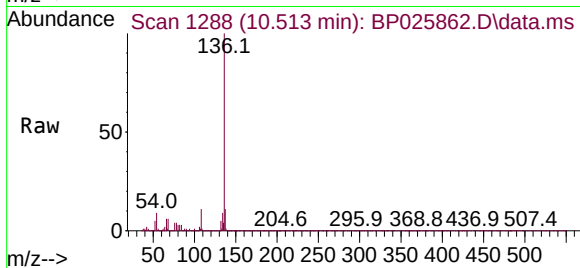




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

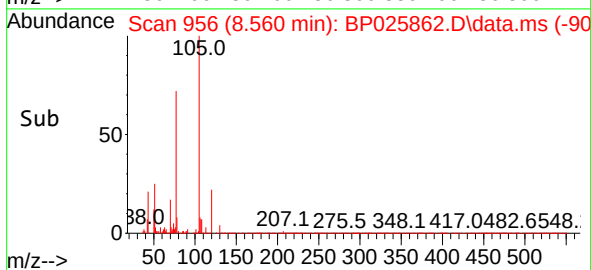
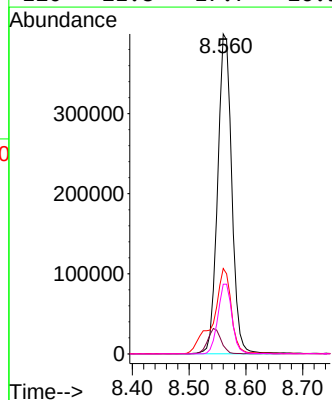
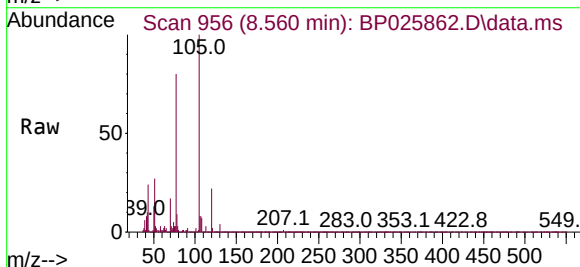
Instrument :
BNA_P
ClientSampleId :
PB169834BS

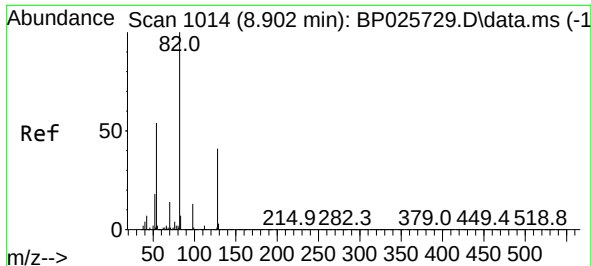
Tgt Ion:	136	Resp:	498297
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.5	7.5	11.3
68	6.2	5.0	7.6



#22
Acetophenone
Concen: 51.813 ng
RT: 8.560 min Scan# 956
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:	105	Resp:	689963
Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.8	2.8
51	26.7	23.5	35.3
120	21.8	17.7	26.5

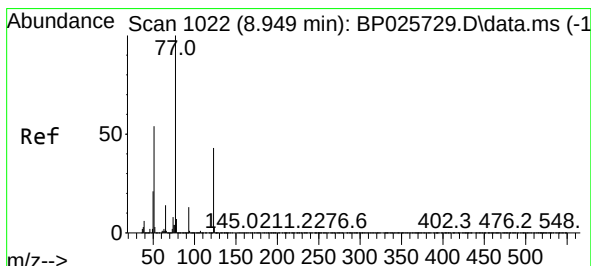
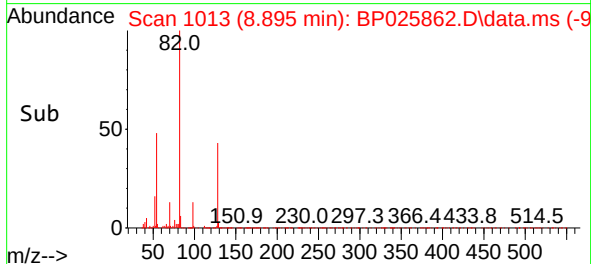
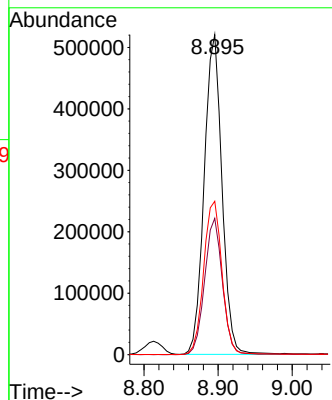
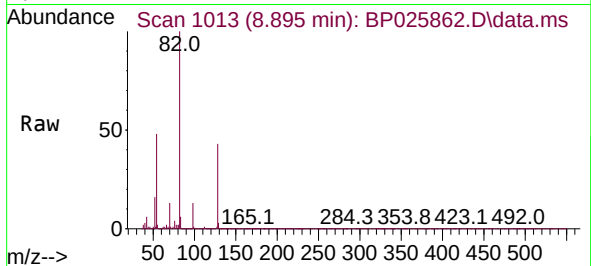




#23
Nitrobenzene-d5
Concen: 76.797 ng
RT: 8.895 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

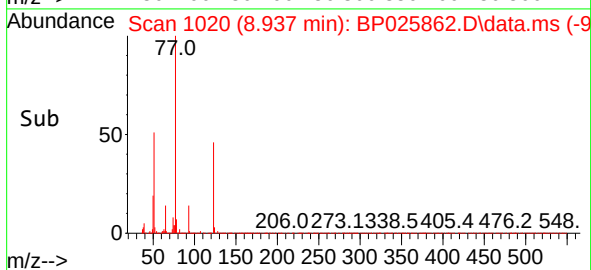
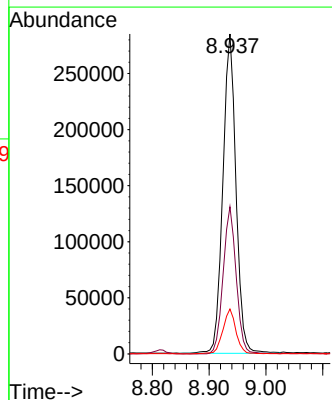
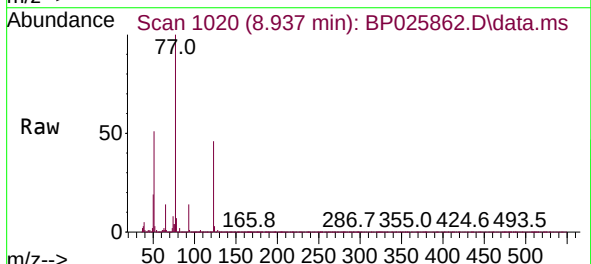
Instrument :
BNA_P
ClientSampleId :
PB169834BS

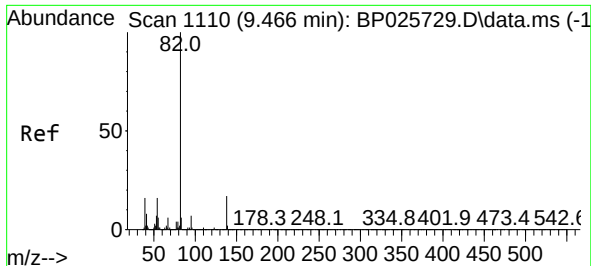
Tgt Ion: 82 Resp: 867536
Ion Ratio Lower Upper
82 100
128 42.6 32.9 49.3
54 47.9 43.4 65.2



#24
Nitrobenzene
Concen: 44.965 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 77 Resp: 455673
Ion Ratio Lower Upper
77 100
123 46.0 34.4 51.6
65 14.0 10.8 16.2

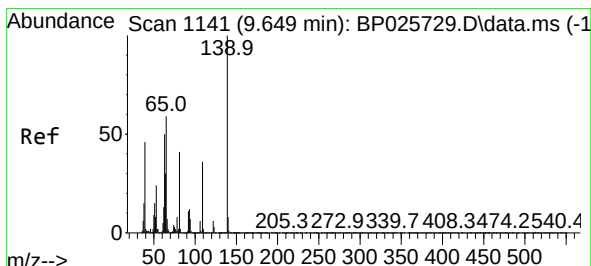
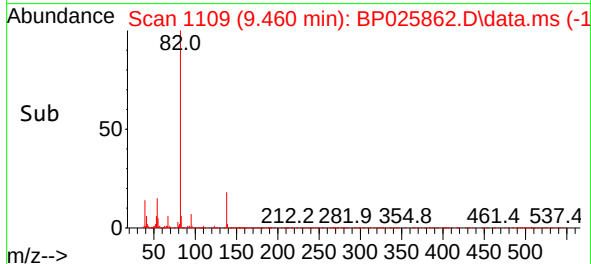
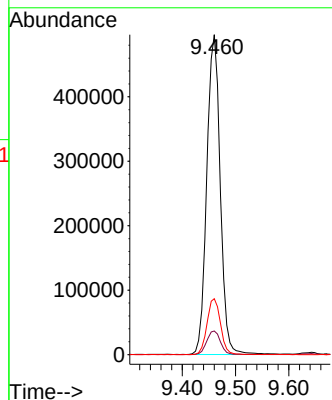
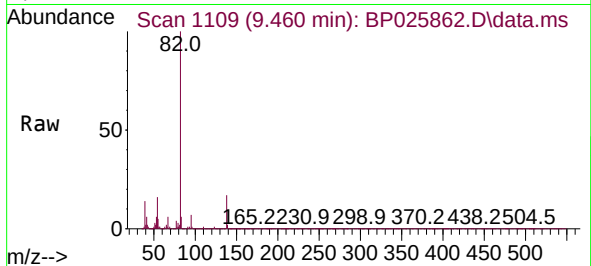




#25
Isophorone
Concen: 43.785 ng
RT: 9.460 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

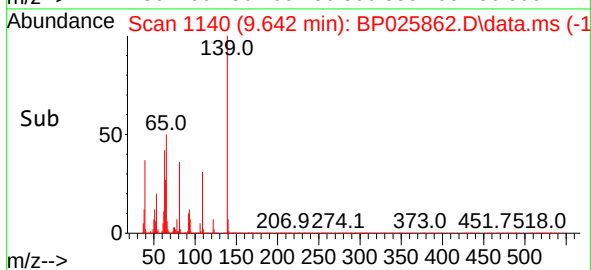
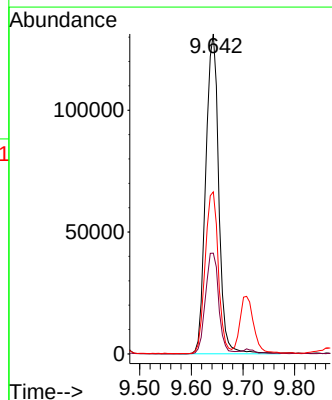
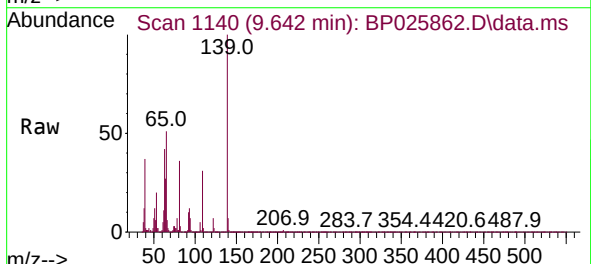
Instrument :
BNA_P
ClientSampleId :
PB169834BS

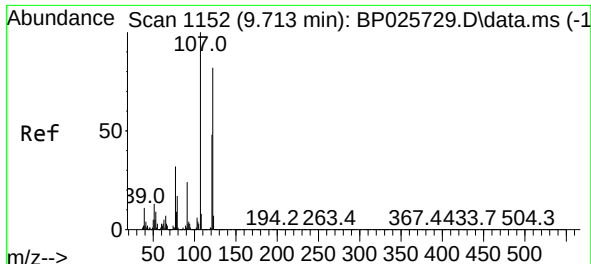
Tgt Ion: 82 Resp: 869375
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 17.5 13.5 20.3



#26
2-Nitrophenol
Concen: 51.099 ng
RT: 9.642 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 139 Resp: 229911
Ion Ratio Lower Upper
139 100
109 31.5 29.0 43.4
65 50.6 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 49.625 ng

RT: 9.707 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Instrument :

BNA_P

ClientSampleId :

PB169834BS

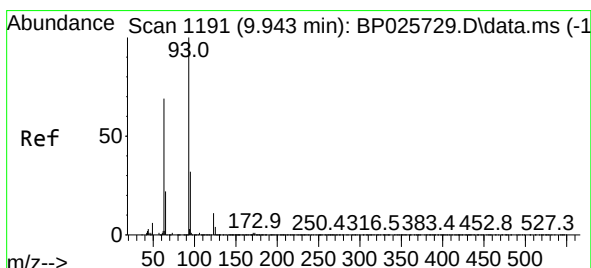
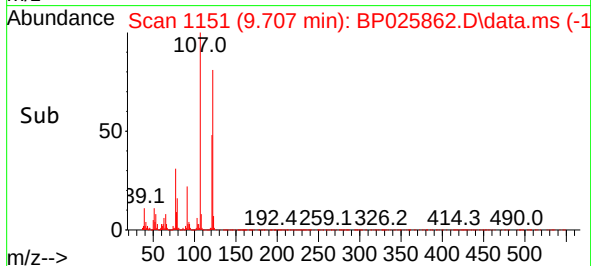
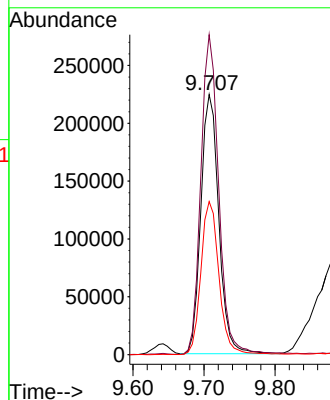
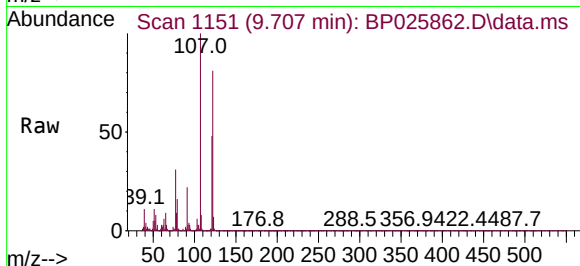
Tgt Ion:122 Resp: 391709

Ion Ratio Lower Upper

122 100

107 123.1 97.9 146.9

121 58.8 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.796 ng

RT: 9.925 min Scan# 1188

Delta R.T. -0.018 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

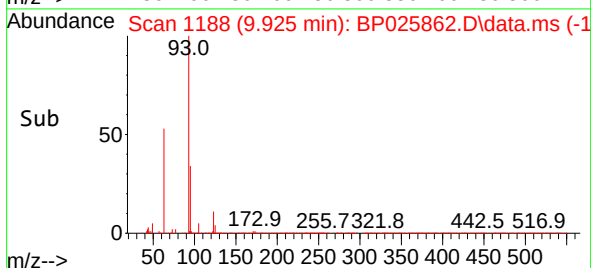
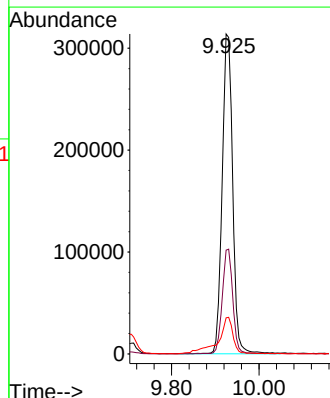
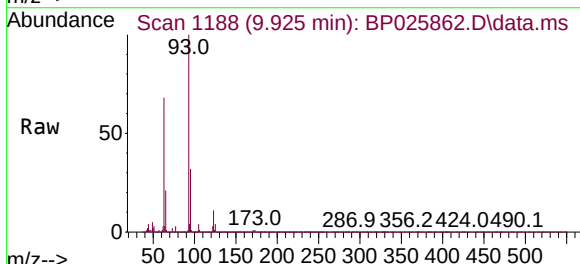
Tgt Ion: 93 Resp: 525625

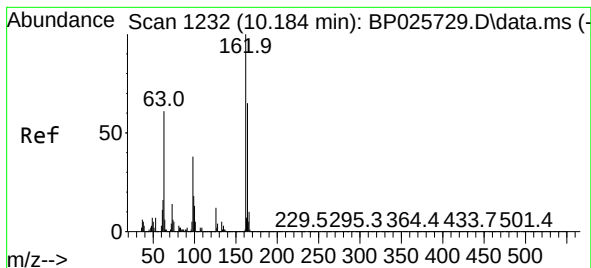
Ion Ratio Lower Upper

93 100

95 32.4 25.6 38.4

123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 51.463 ng

RT: 10.195 min Scan# 1232

Delta R.T. 0.011 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Instrument :

BNA_P

ClientSampleId :

PB169834BS

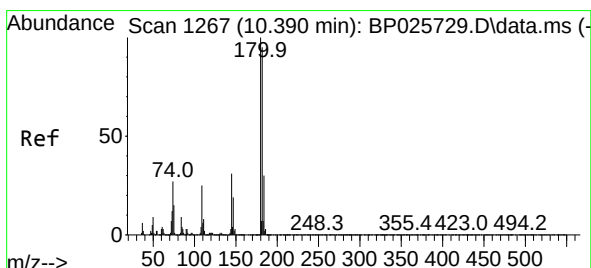
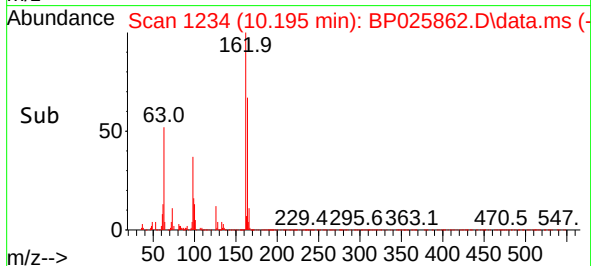
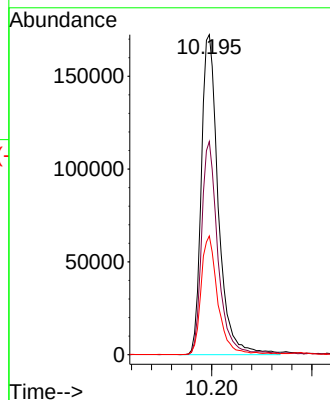
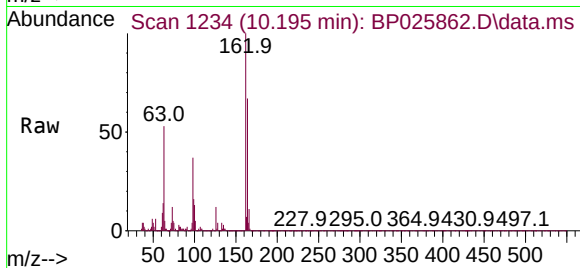
Tgt Ion:162 Resp: 405020

Ion Ratio Lower Upper

162 100

164 66.6 44.7 84.7

98 37.1 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 48.241 ng

RT: 10.378 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

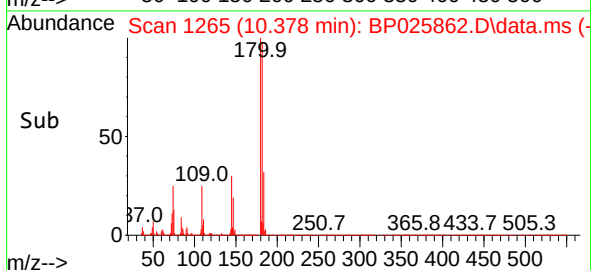
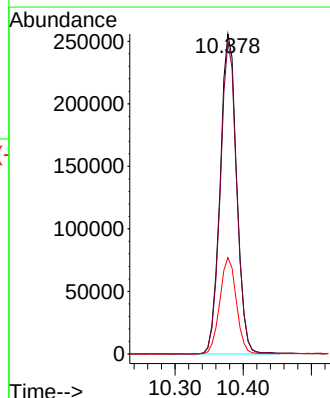
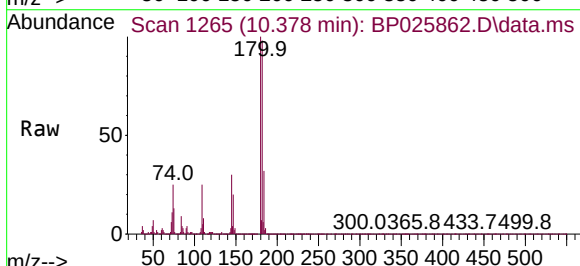
Tgt Ion:180 Resp: 427880

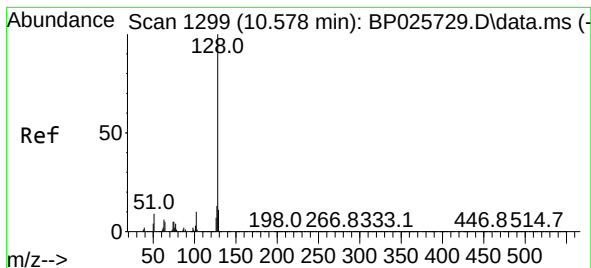
Ion Ratio Lower Upper

180 100

182 97.5 76.0 114.0

145 30.1 24.7 37.1





#31

Naphthalene

Concen: 45.907 ng

RT: 10.572 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Instrument :

BNA_P

ClientSampleId :

PB169834BS

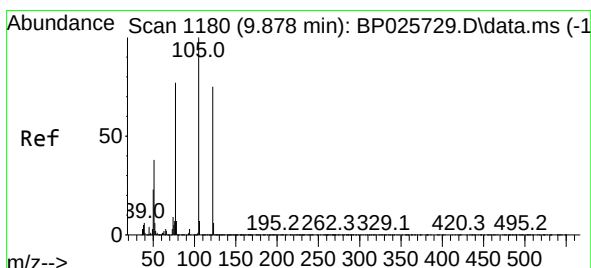
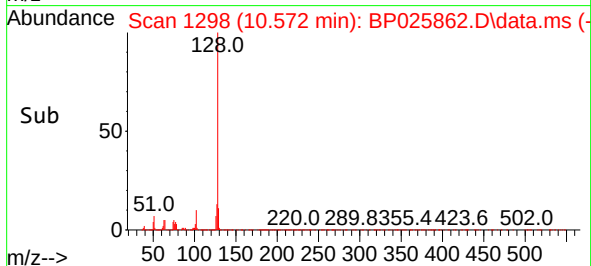
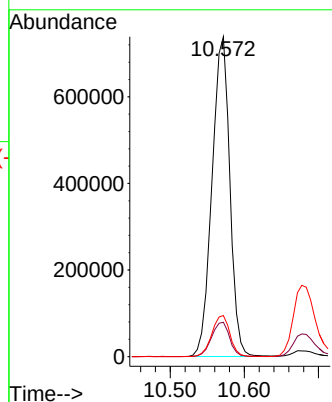
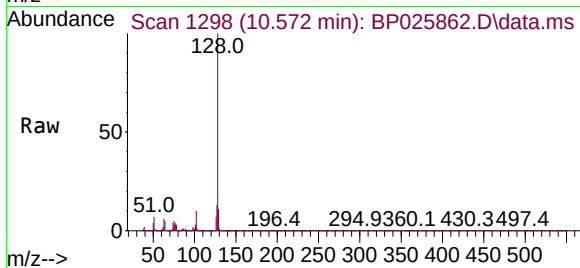
Tgt Ion:128 Resp: 1233456

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.8 10.2 15.4



#32

Benzoic acid

Concen: 57.449 ng

RT: 9.895 min Scan# 1183

Delta R.T. 0.017 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

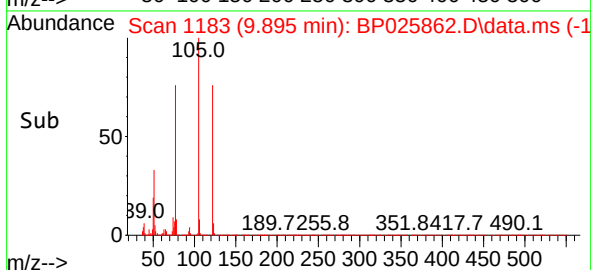
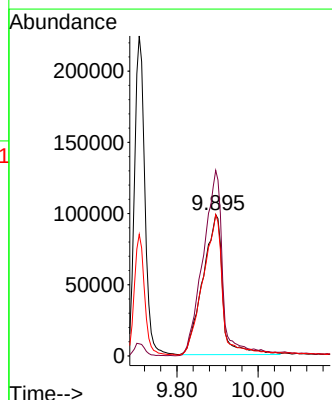
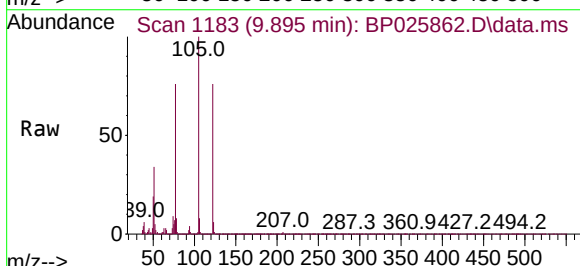
Tgt Ion:122 Resp: 337144

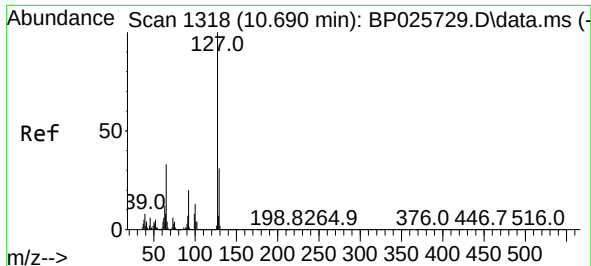
Ion Ratio Lower Upper

122 100

105 131.4 111.5 151.5

77 100.0 81.8 121.8

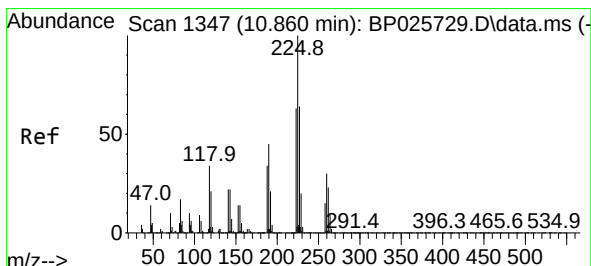
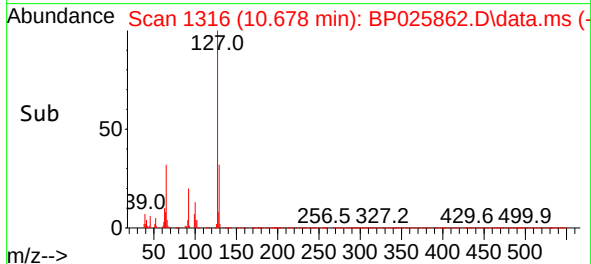
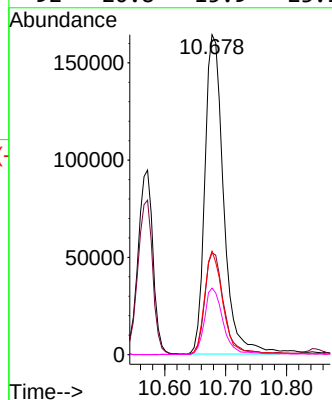
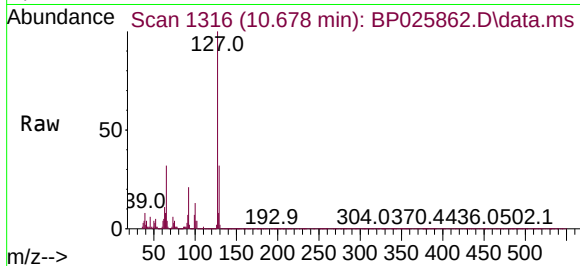




#33
4-Chloroaniline
Concen: 31.310 ng
RT: 10.678 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

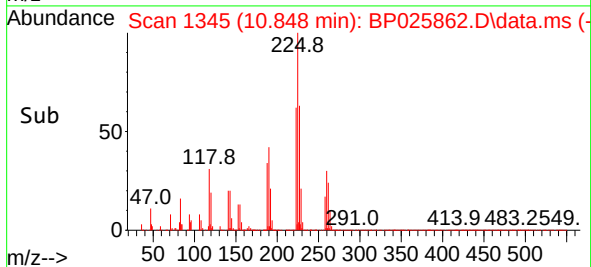
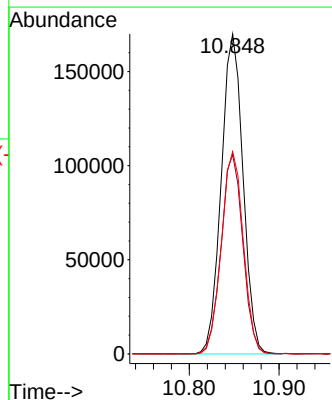
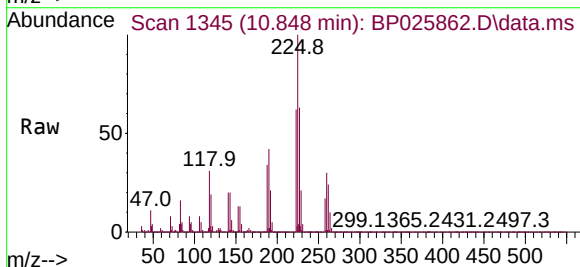
Instrument :
BNA_P
ClientSampleId :
PB169834BS

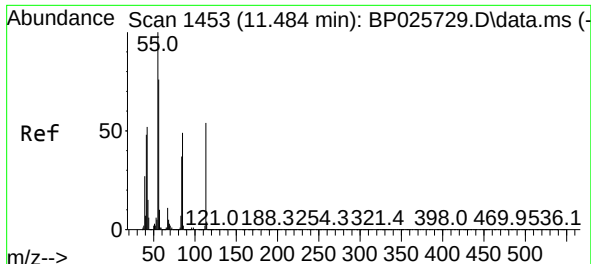
Tgt Ion:	127	Resp:	350637
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.1	37.7
65	32.3	26.4	39.6
92	20.8	15.9	23.9



#34
Hexachlorobutadiene
Concen: 50.339 ng
RT: 10.848 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:	225	Resp:	287424
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.1	75.1
227	63.2	51.2	76.8

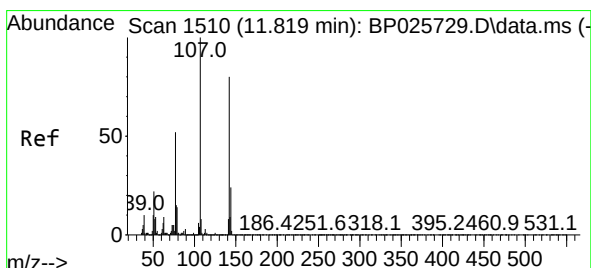
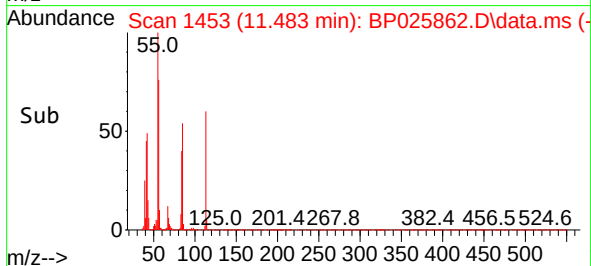
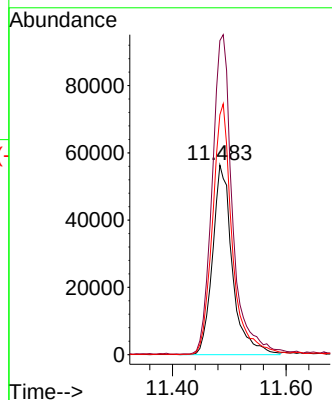
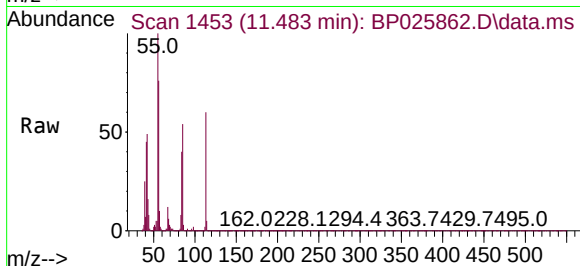




#35
Caprolactam
Concen: 44.897 ng
RT: 11.483 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

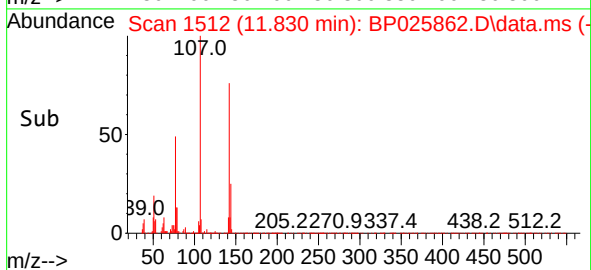
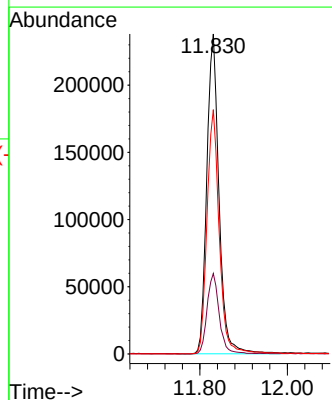
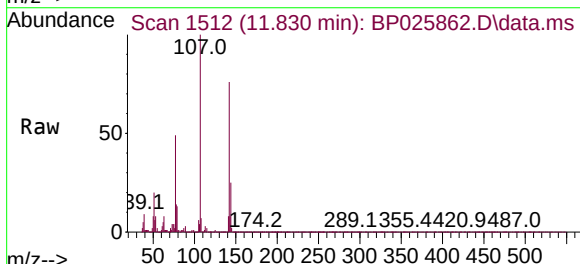
Instrument :
BNA_P
ClientSampleId :
PB169834BS

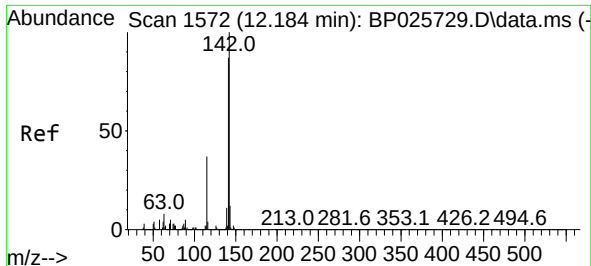
Tgt Ion:113 Resp: 136207
Ion Ratio Lower Upper
113 100
55 165.7 165.5 205.5
56 126.6 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 48.905 ng
RT: 11.830 min Scan# 1512
Delta R.T. 0.011 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:107 Resp: 458867
Ion Ratio Lower Upper
107 100
144 25.1 19.4 29.2
142 76.3 63.8 95.6

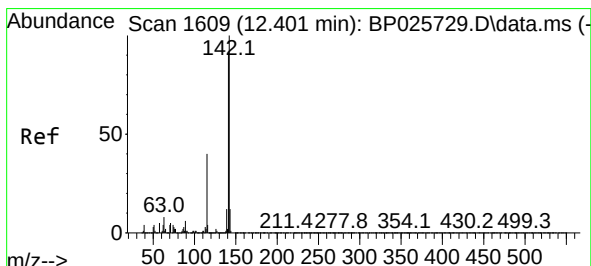
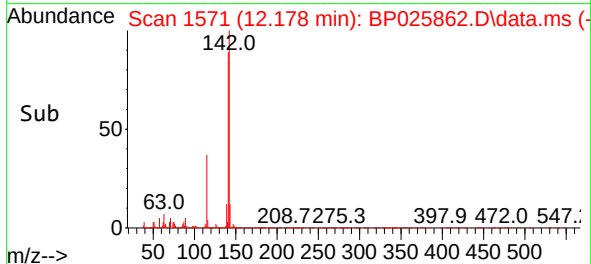
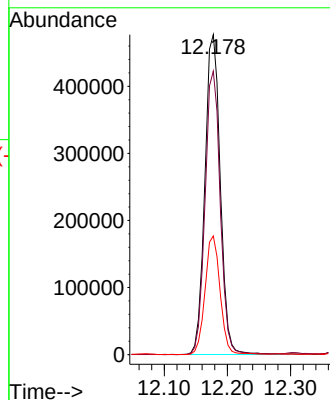
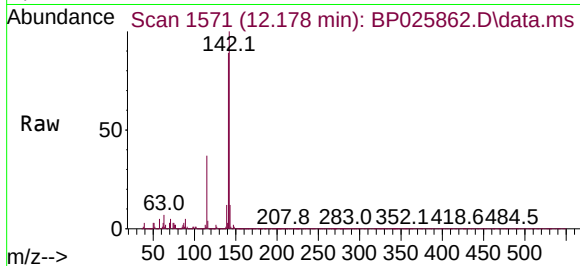




#37
2-Methylnaphthalene
Concen: 46.694 ng
RT: 12.178 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

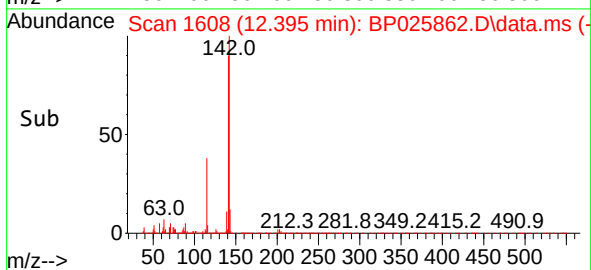
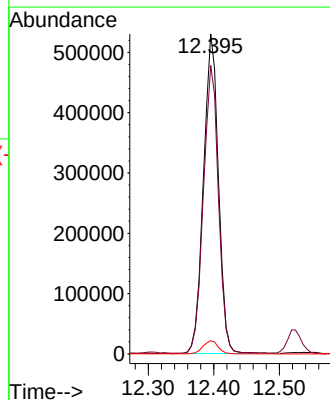
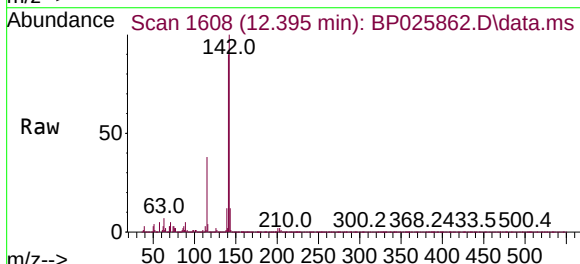
Instrument :
BNA_P
ClientSampleId :
PB169834BS

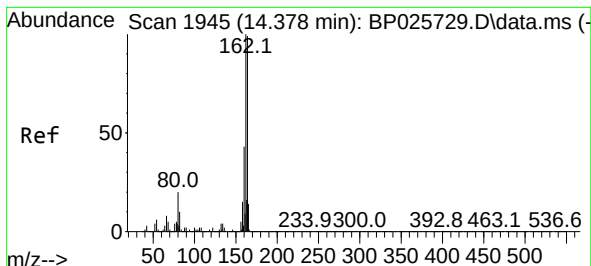
Tgt Ion:142 Resp: 805809
Ion Ratio Lower Upper
142 100
141 88.6 69.6 104.4
115 37.1 30.0 45.0



#38
1-Methylnaphthalene
Concen: 45.498 ng
RT: 12.395 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:142 Resp: 837279
Ion Ratio Lower Upper
142 100
141 90.1 72.7 109.1
116 4.1 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.366 min Scan# 1943

Delta R.T. -0.012 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Instrument :

BNA_P

ClientSampleId :

PB169834BS

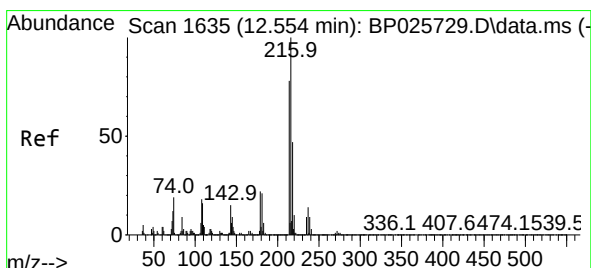
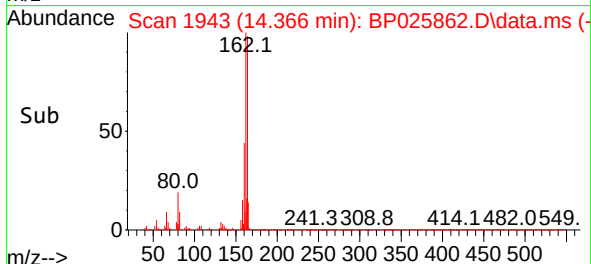
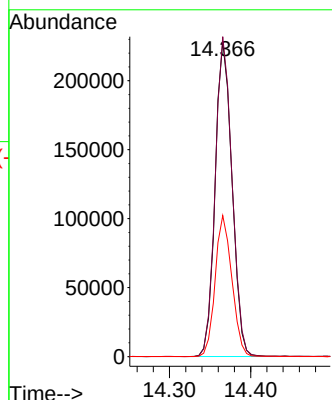
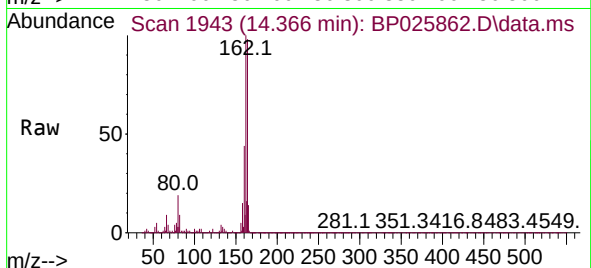
Tgt Ion:164 Resp: 329816

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

160 44.8 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.206 ng

RT: 12.548 min Scan# 1634

Delta R.T. -0.006 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Tgt Ion:216 Resp: 561743

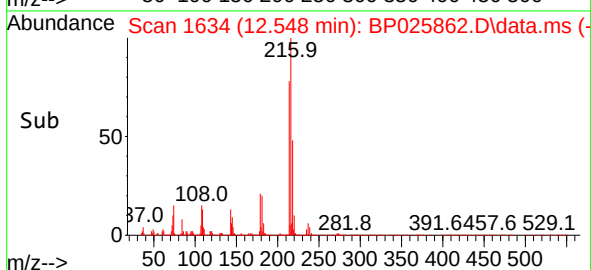
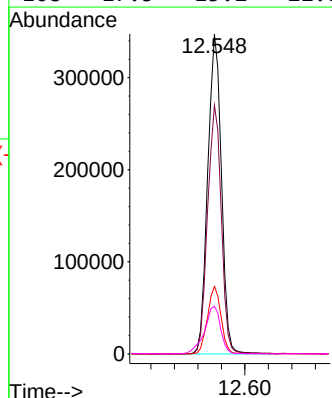
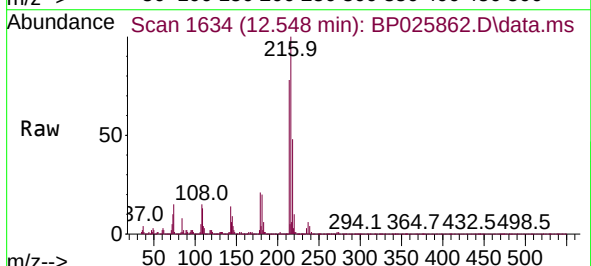
Ion Ratio Lower Upper

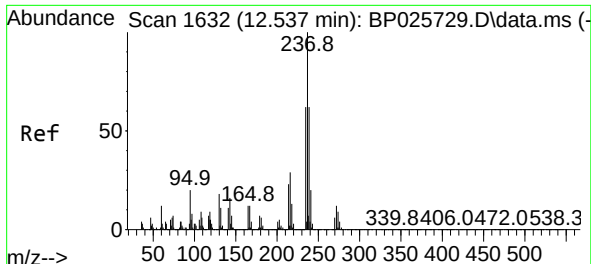
216 100

214 78.0 62.4 93.6

179 20.8 17.0 25.6

108 17.5 15.2 22.8

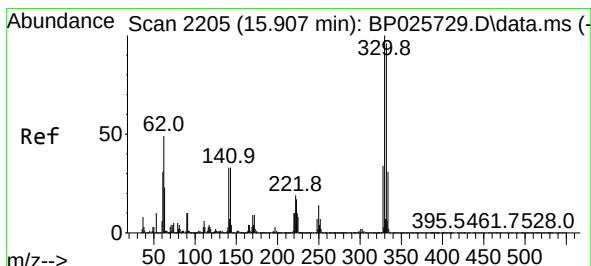
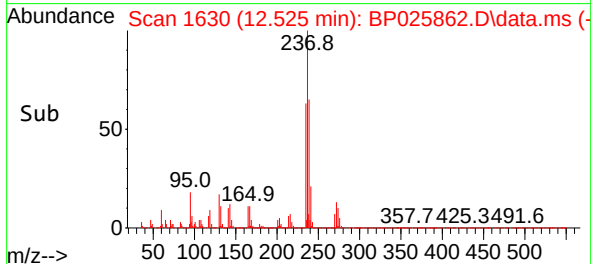
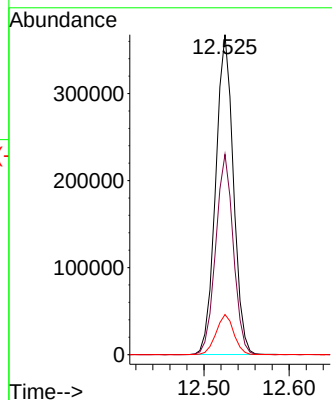
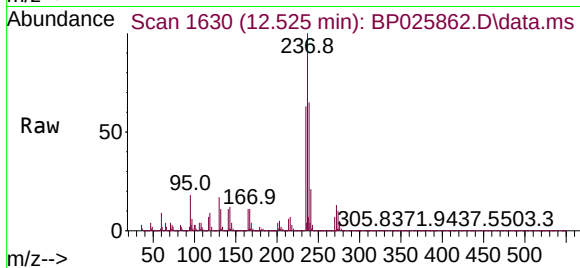




#41
Hexachlorocyclopentadiene
Concen: 97.450 ng
RT: 12.525 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

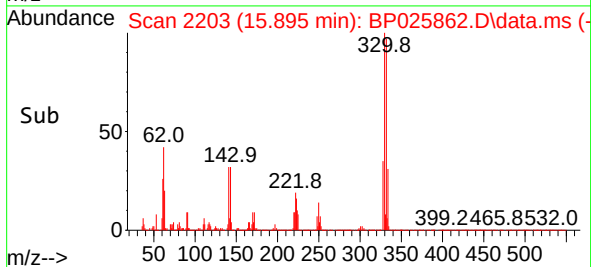
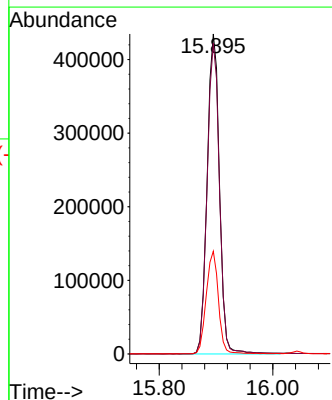
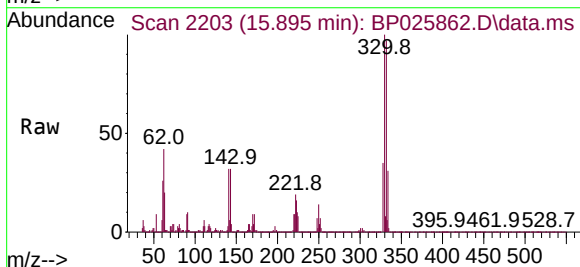
Instrument :
BNA_P
ClientSampleId :
PB169834BS

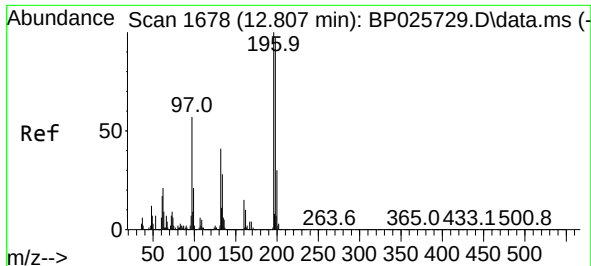
Tgt Ion:237 Resp: 530447
Ion Ratio Lower Upper
237 100
235 62.6 41.9 81.9
272 12.5 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 159.194 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:330 Resp: 654891
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 31.9 31.0 46.4

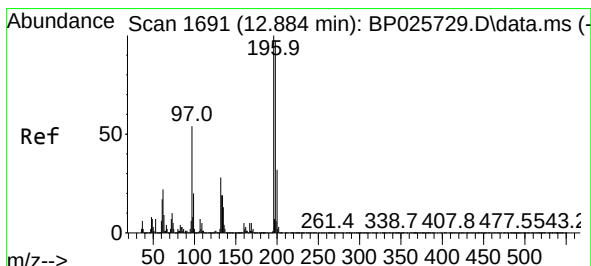
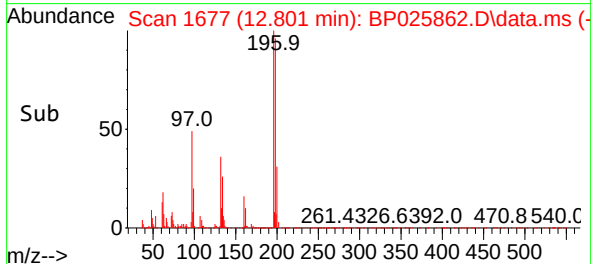
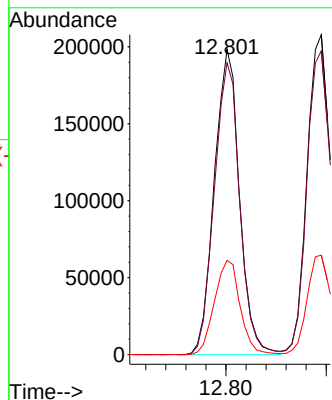
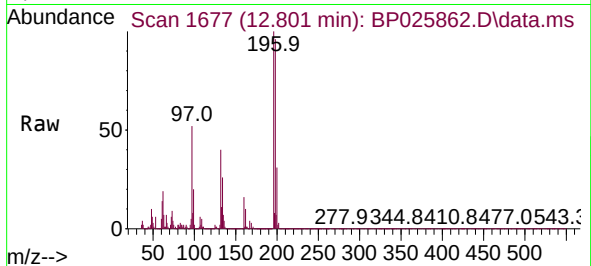




#43
2,4,6-Trichlorophenol
Concen: 52.711 ng
RT: 12.801 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

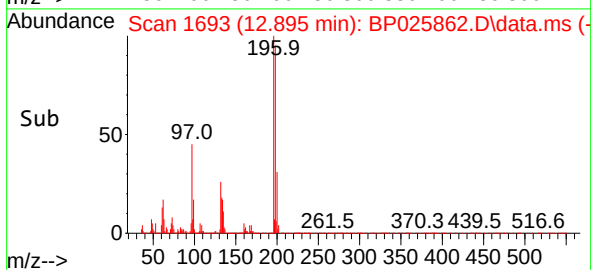
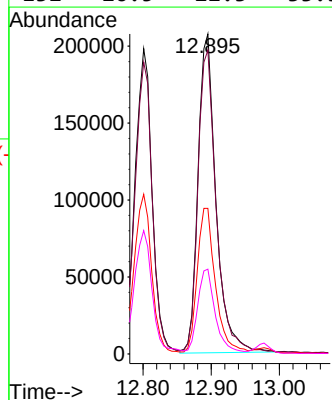
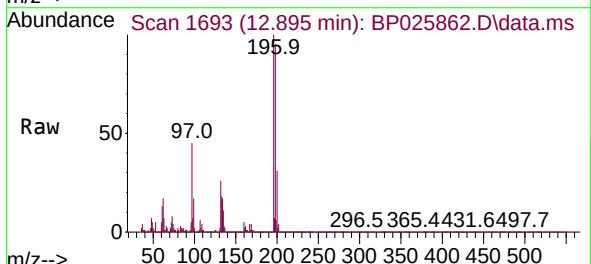
Instrument :
BNA_P
ClientSampleId :
PB169834BS

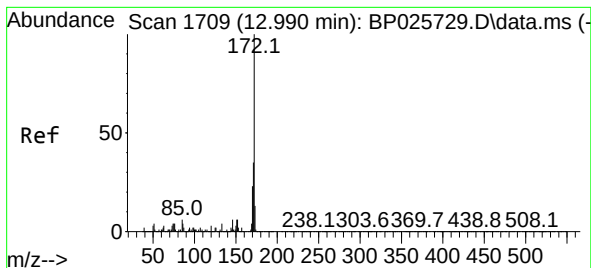
Tgt Ion:196 Resp: 346324
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
200 30.9 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 51.946 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.011 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:196 Resp: 379843
Ion Ratio Lower Upper
196 100
198 94.9 77.8 116.8
97 45.5 43.3 64.9
132 26.5 22.3 33.5

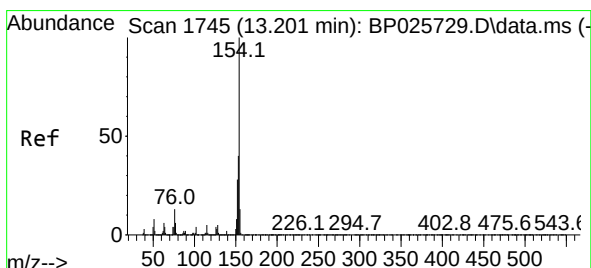
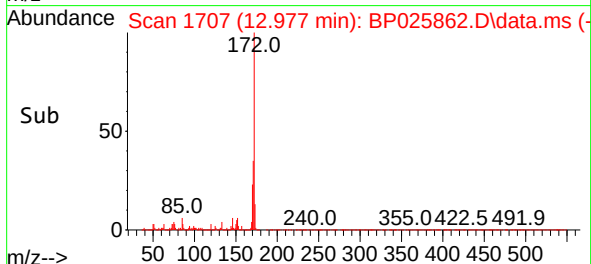
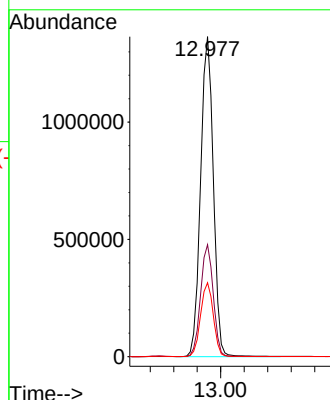
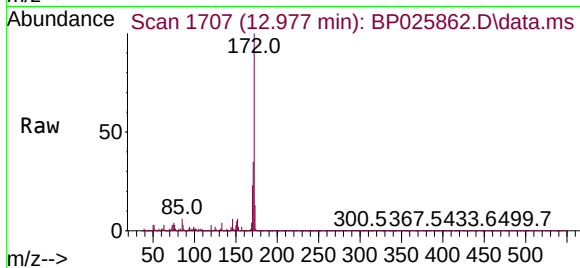




#45
2-Fluorobiphenyl
Concen: 82.797 ng
RT: 12.977 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

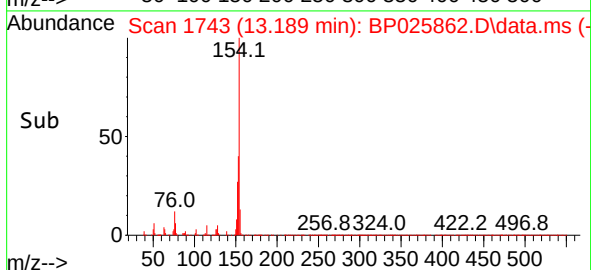
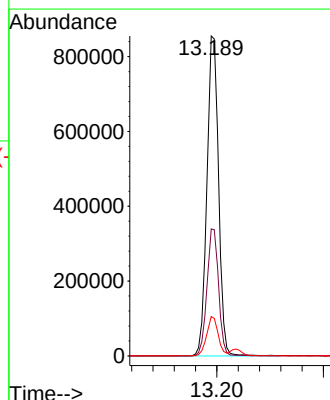
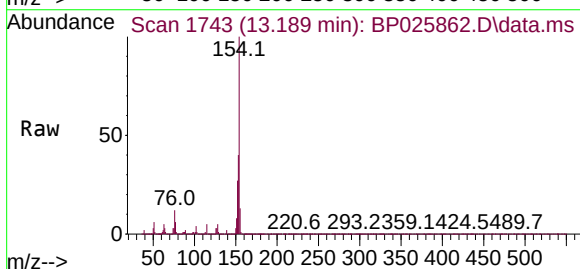
Instrument :
BNA_P
ClientSampleId :
PB169834BS

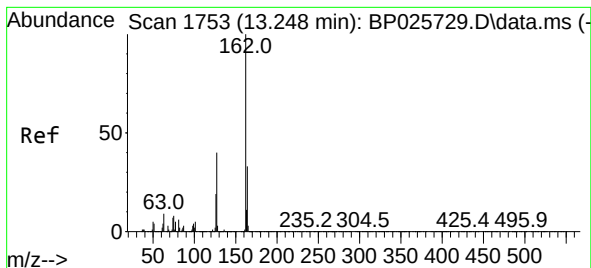
Tgt Ion:172 Resp: 2050890
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 53.528 ng
RT: 13.189 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:154 Resp: 1295843
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 12.3 0.0 33.3

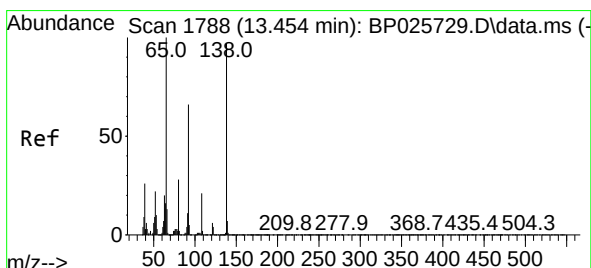
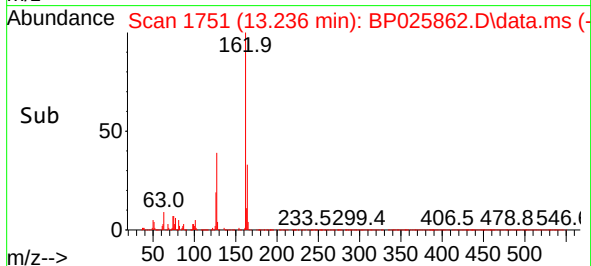
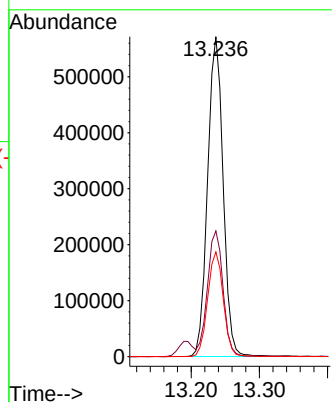
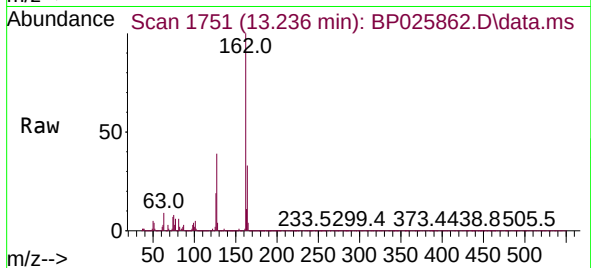




#47
2-Chloronaphthalene
Concen: 47.470 ng
RT: 13.236 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

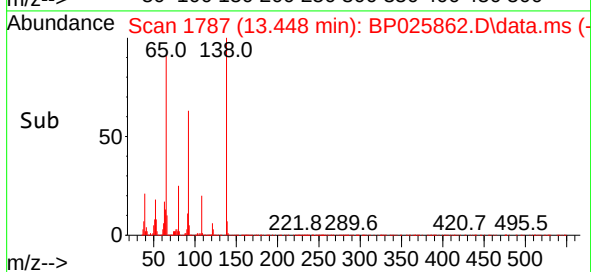
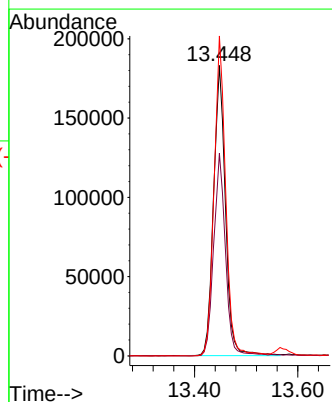
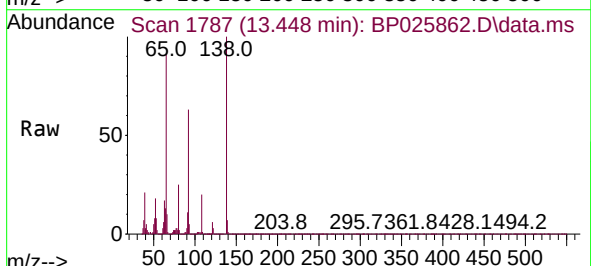
Instrument :
BNA_P
ClientSampleId :
PB169834BS

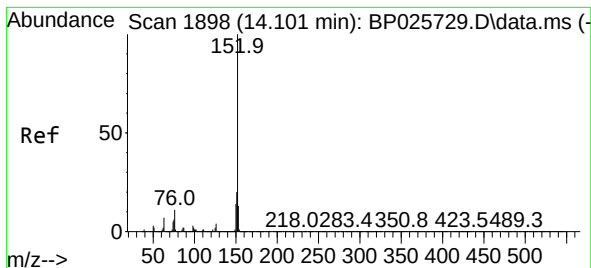
Tgt Ion:162 Resp: 904857
Ion Ratio Lower Upper
162 100
127 39.3 32.2 48.4
164 32.7 26.5 39.7



#48
2-Nitroaniline
Concen: 46.224 ng
RT: 13.448 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 65 Resp: 293717
Ion Ratio Lower Upper
65 100
92 69.8 53.1 79.7
138 110.2 77.8 116.8





#49

Acenaphthylene

Concen: 48.764 ng

RT: 14.083 min Scan# 1895

Delta R.T. -0.018 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Instrument :

BNA_P

ClientSampleId :

PB169834BS

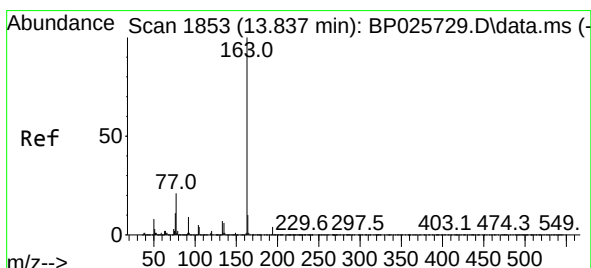
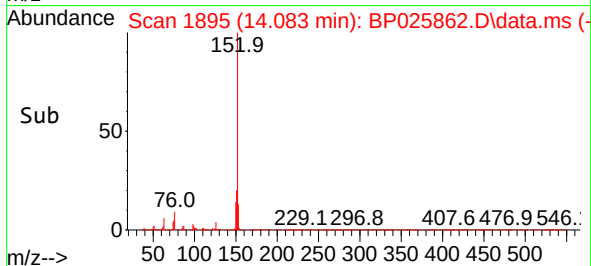
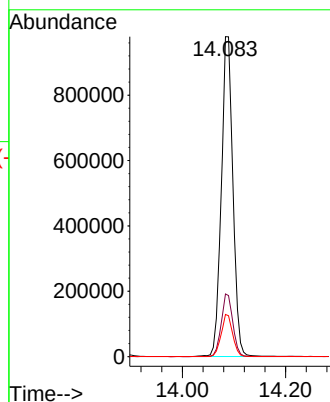
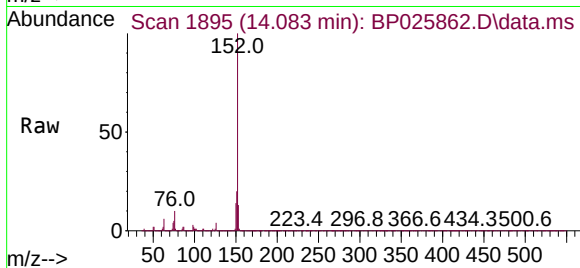
Tgt Ion:152 Resp: 1540130

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 47.764 ng

RT: 13.824 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

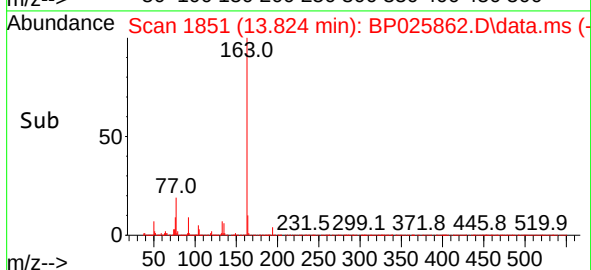
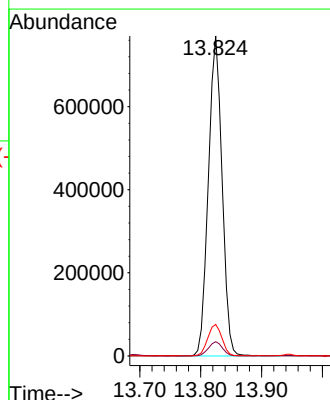
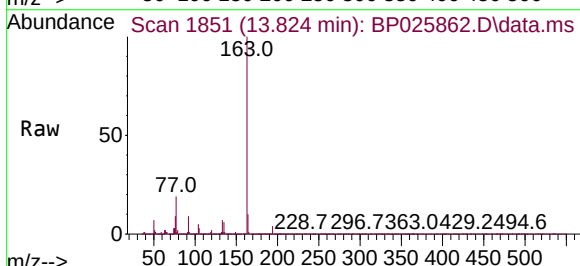
Tgt Ion:163 Resp: 1202704

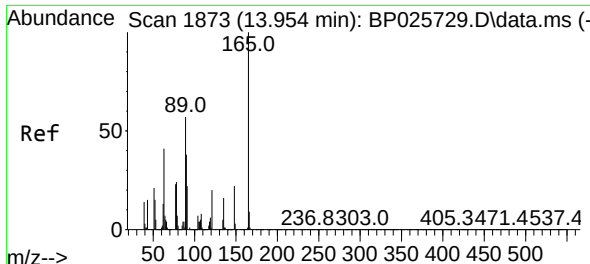
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 9.9 8.2 12.2

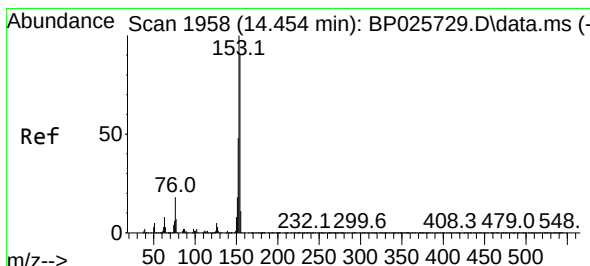
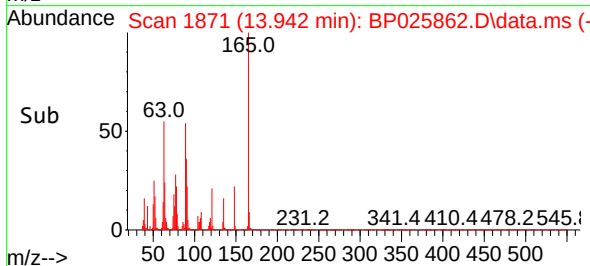
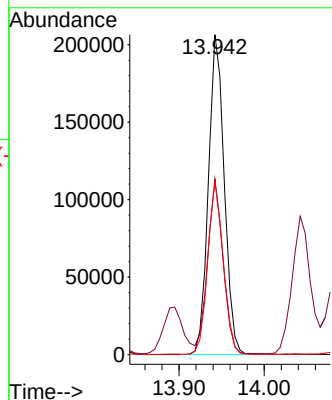
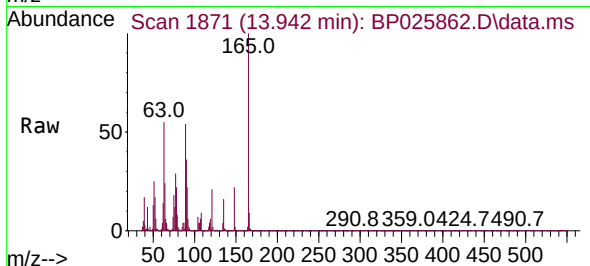




#51
2,6-Dinitrotoluene
Concen: 50.053 ng
RT: 13.942 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

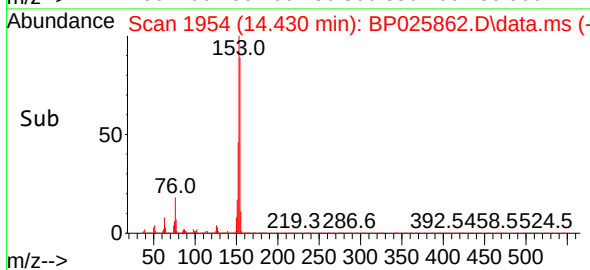
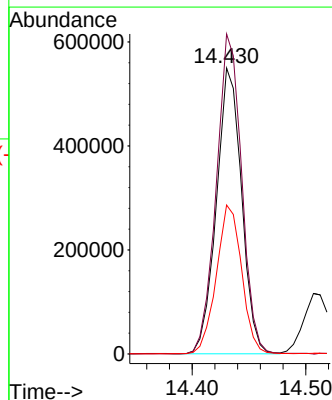
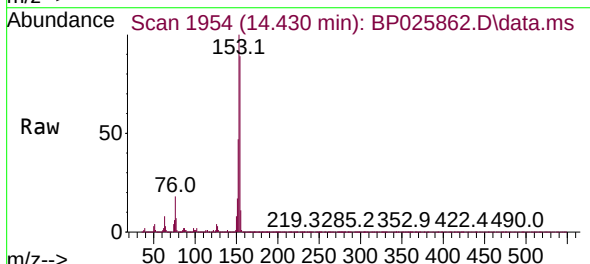
Instrument :
BNA_P
ClientSampleId :
PB169834BS

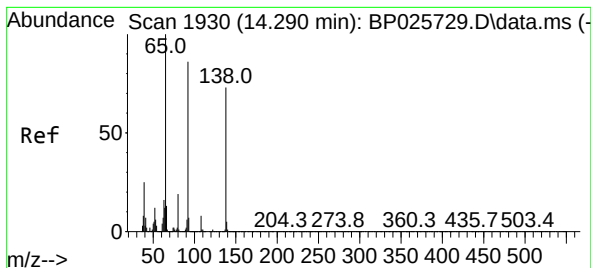
Tgt Ion:165 Resp: 267025
Ion Ratio Lower Upper
165 100
63 54.9 48.1 72.1
89 54.1 45.4 68.0



#52
Acenaphthene
Concen: 46.442 ng
RT: 14.430 min Scan# 1954
Delta R.T. -0.024 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:154 Resp: 845898
Ion Ratio Lower Upper
154 100
153 111.9 89.4 134.0
152 52.1 42.5 63.7

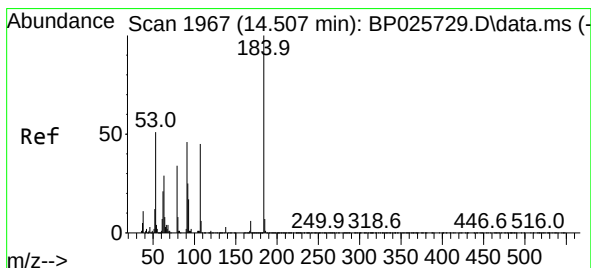
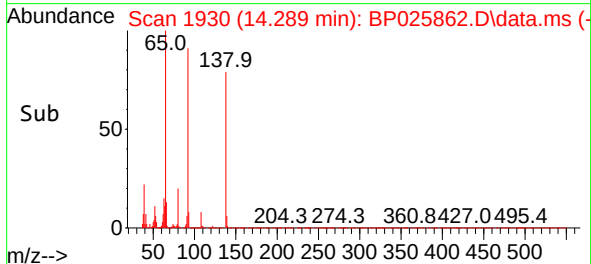
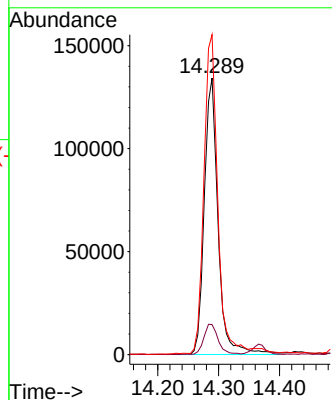
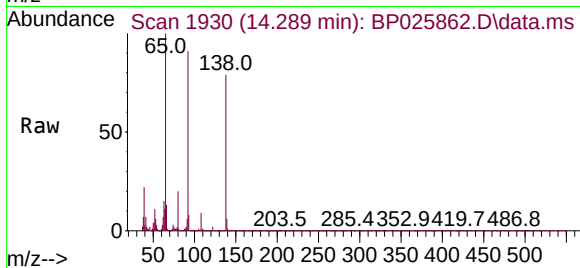




#53
3-Nitroaniline
Concen: 37.470 ng
RT: 14.289 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

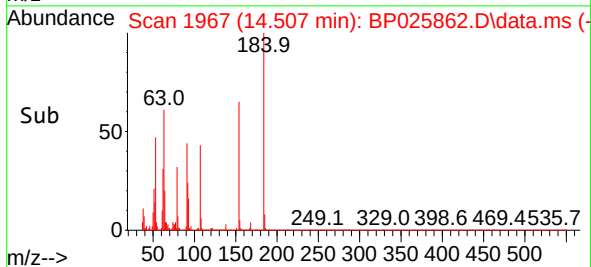
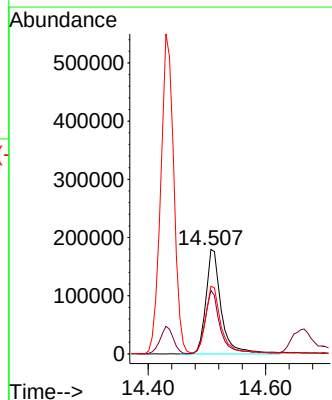
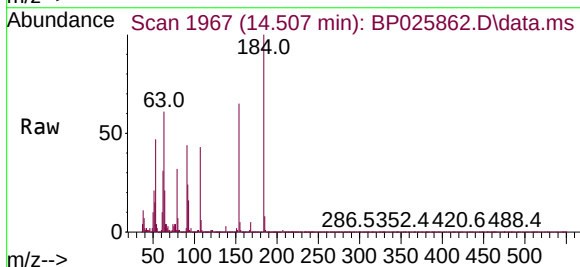
Instrument :
BNA_P
ClientSampleId :
PB169834BS

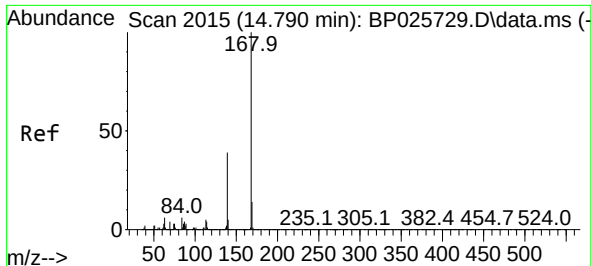
Tgt Ion:138 Resp: 210210
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 115.7 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 93.159 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:184 Resp: 326061
Ion Ratio Lower Upper
184 100
63 60.7 52.5 78.7
154 64.8 51.5 77.3

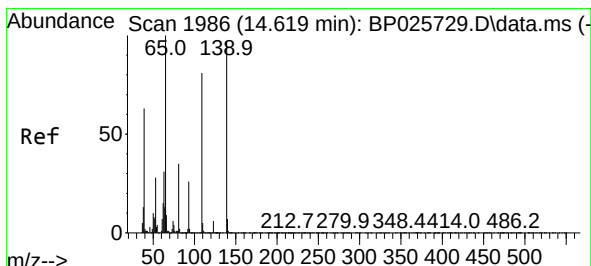
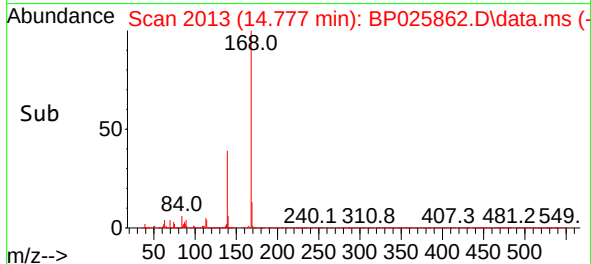
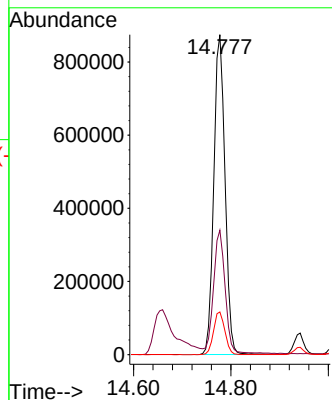
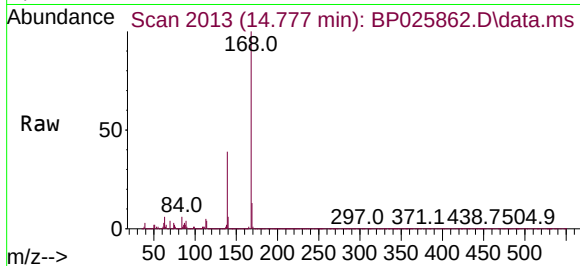




#55
Dibenzofuran
Concen: 47.284 ng
RT: 14.777 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

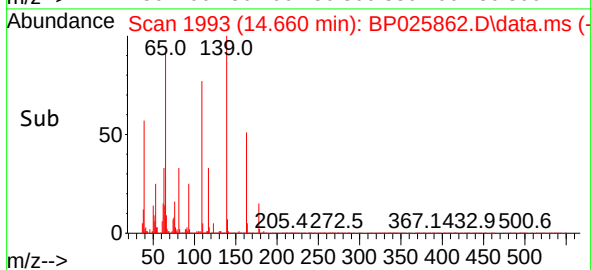
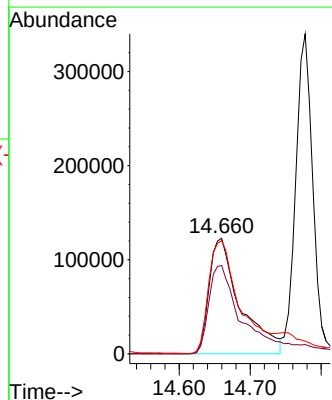
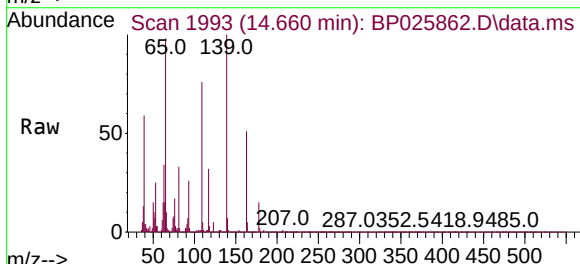
Instrument :
BNA_P
ClientSampleId :
PB169834BS

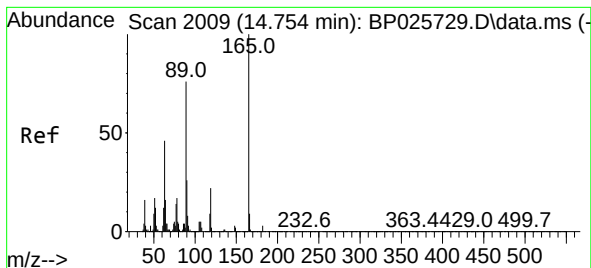
Tgt Ion:168 Resp: 1403644
Ion Ratio Lower Upper
168 100
139 38.9 31.7 47.5
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 77.478 ng
RT: 14.660 min Scan# 1993
Delta R.T. 0.041 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:139 Resp: 373586
Ion Ratio Lower Upper
139 100
109 76.5 62.9 102.9
65 98.0 83.4 123.4

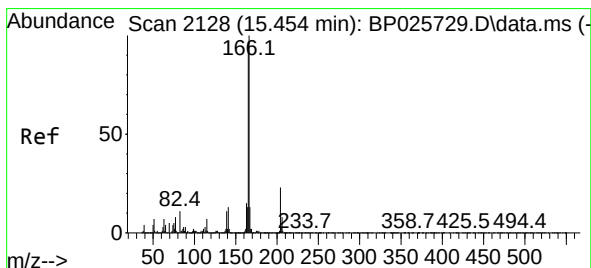
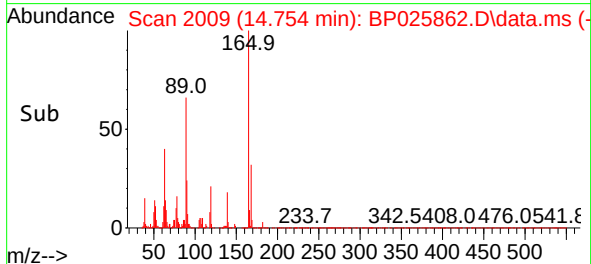
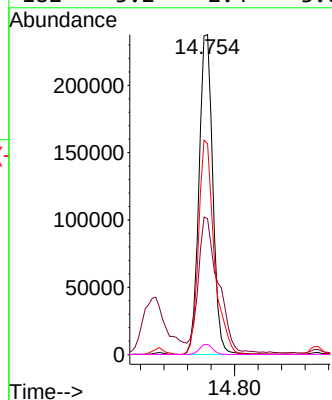
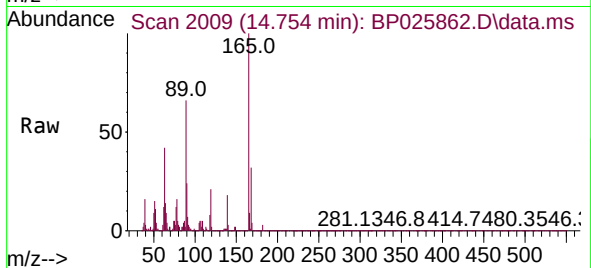




#57
2,4-Dinitrotoluene
Concen: 50.968 ng
RT: 14.754 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

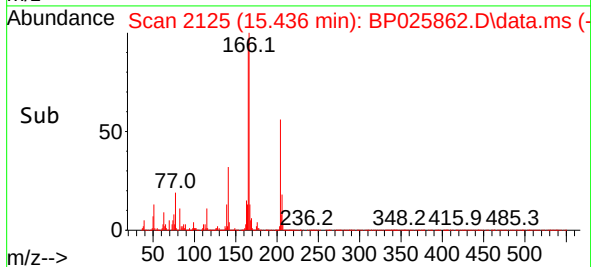
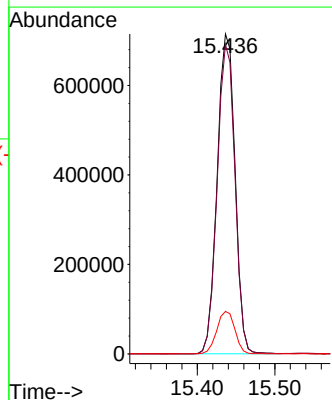
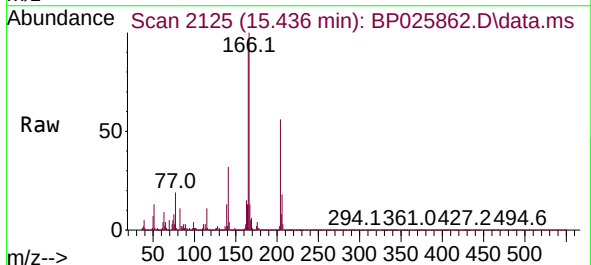
Instrument :
BNA_P
ClientSampleId :
PB169834BS

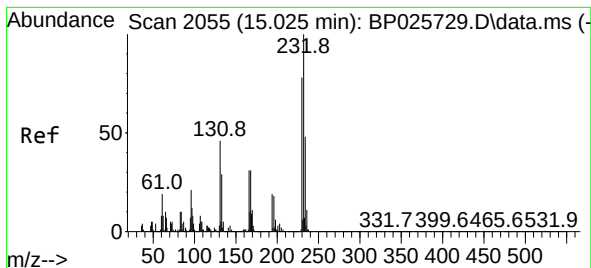
Tgt Ion:165 Resp: 386961
Ion Ratio Lower Upper
165 100
63 42.5 37.7 56.5
89 65.9 61.0 91.6
182 3.2 2.4 3.6



#58
Fluorene
Concen: 48.602 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:166 Resp: 1147258
Ion Ratio Lower Upper
166 100
165 96.7 77.7 116.5
167 13.3 10.6 16.0

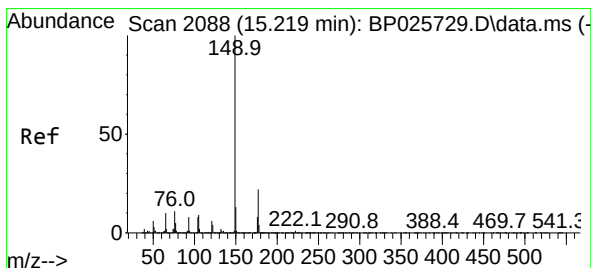
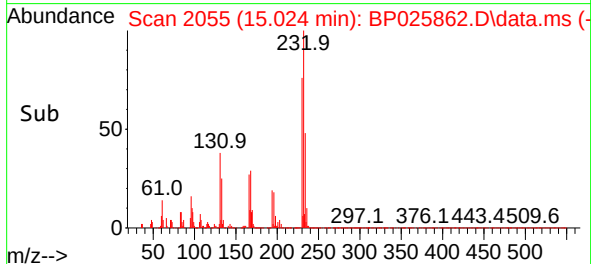
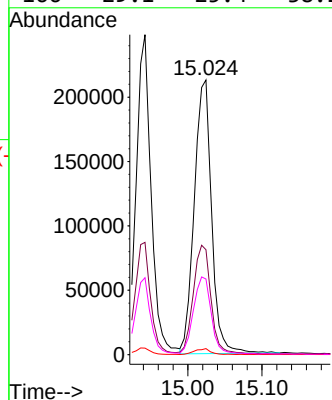
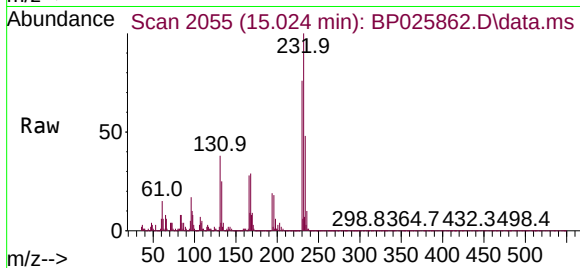




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.552 ng
RT: 15.024 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

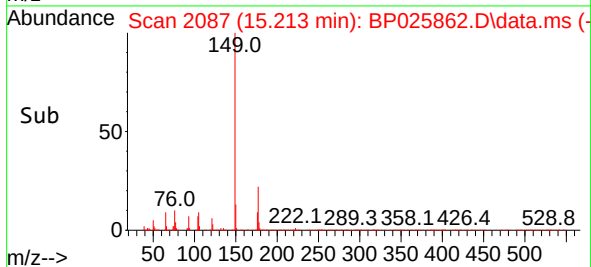
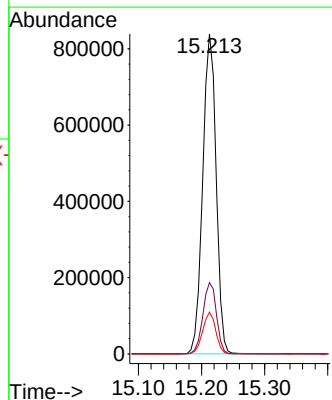
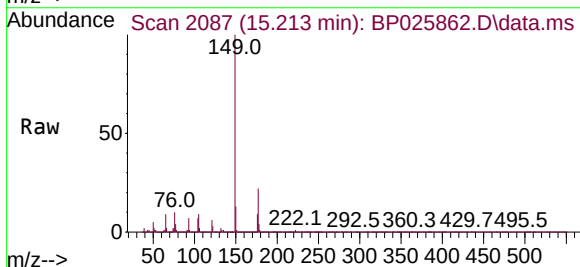
Instrument :
BNA_P
ClientSampleId :
PB169834BS

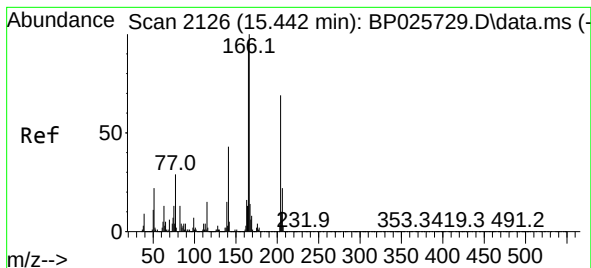
Tgt Ion:232	Resp:	346159
Ion Ratio	Lower	Upper
232	100	
131	40.6	36.7 55.1
130	2.0	2.0 3.0
166	29.1	25.4 38.2



#60
Diethylphthalate
Concen: 48.392 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:149	Resp:	1236009
Ion Ratio	Lower	Upper
149	100	
177	22.3	17.7 26.5
150	13.0	10.0 15.0

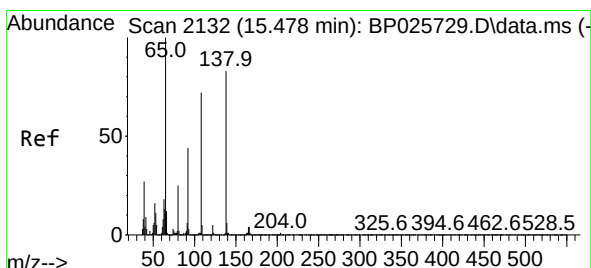
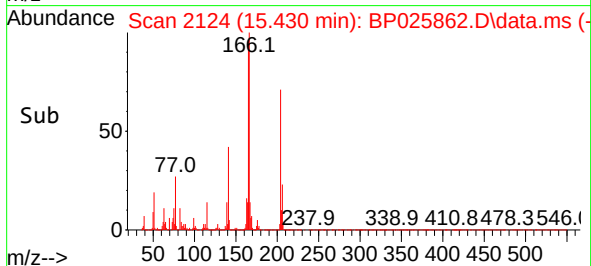
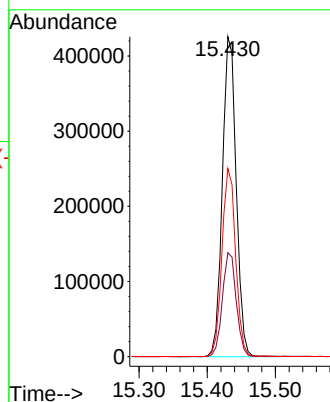
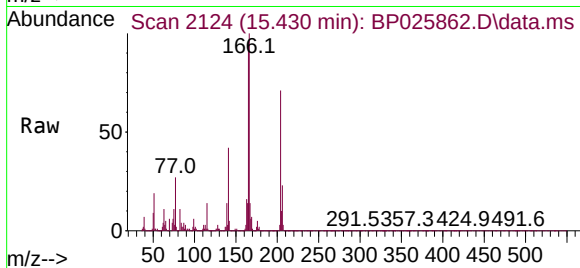




#61
4-Chlorophenyl-phenylether
Concen: 49.886 ng
RT: 15.430 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

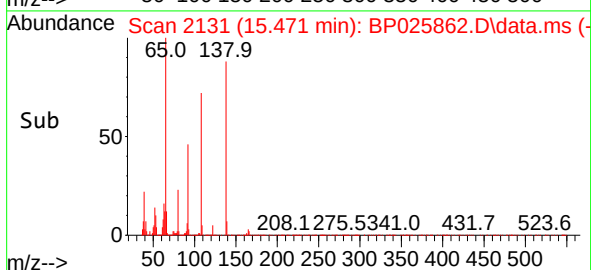
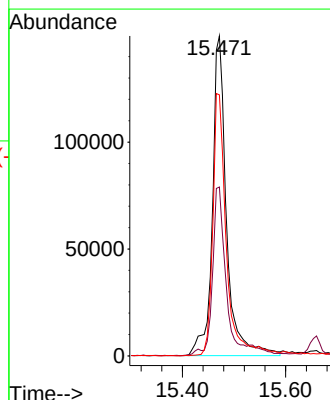
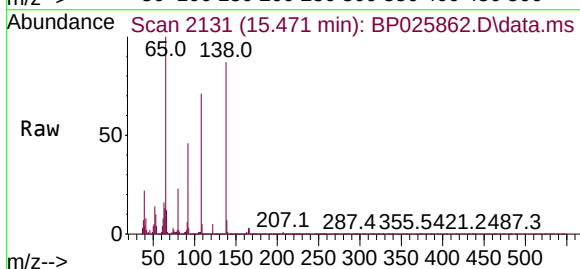
Instrument :
BNA_P
ClientSampleId :
PB169834BS

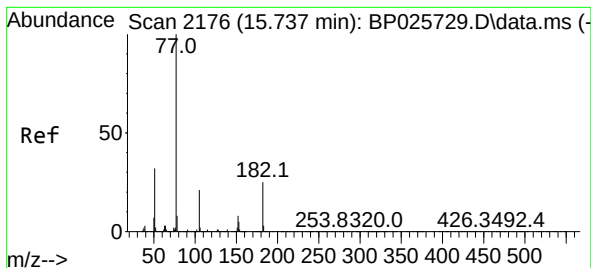
Tgt Ion:204 Resp: 593466
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 58.8 49.7 74.5



#62
4-Nitroaniline
Concen: 49.591 ng
RT: 15.471 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:138 Resp: 285016
Ion Ratio Lower Upper
138 100
92 52.8 33.3 73.3
108 81.6 66.7 106.7





#63

Azobenzene

Concen: 44.386 ng

RT: 15.730 min Scan# 2176

Delta R.T. -0.006 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Instrument :

BNA_P

ClientSampleId :

PB169834BS

Tgt Ion: 77 Resp: 1096204

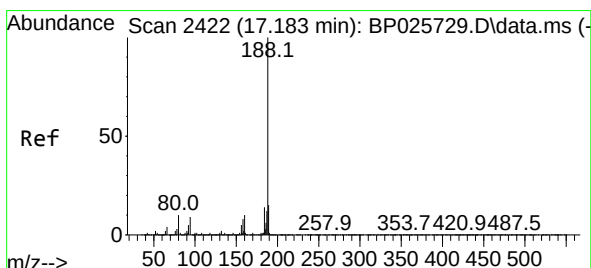
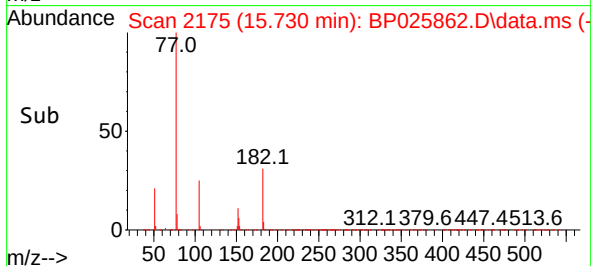
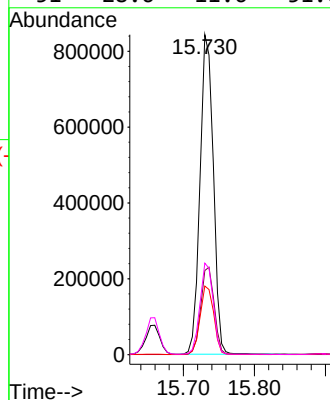
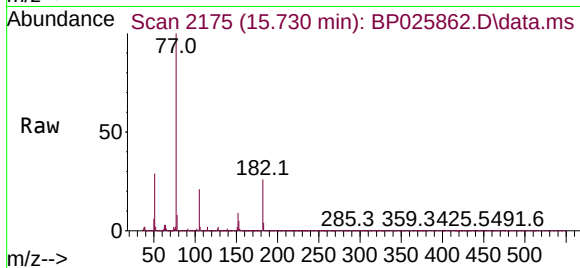
Ion Ratio Lower Upper

77 100

182 26.3 5.2 45.2

105 21.4 1.1 41.1

51 28.6 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.177 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

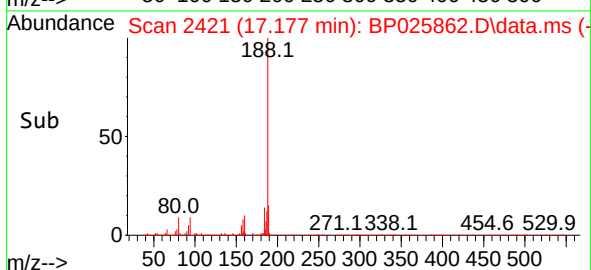
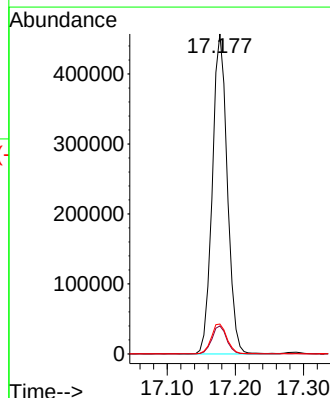
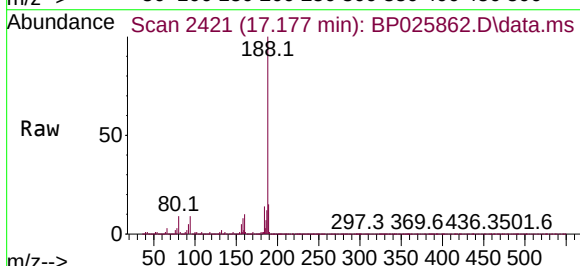
Tgt Ion:188 Resp: 695295

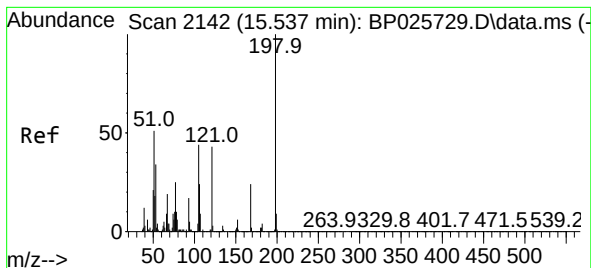
Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.0

80 9.3 7.7 11.5

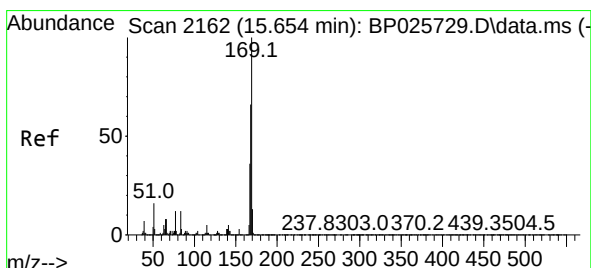
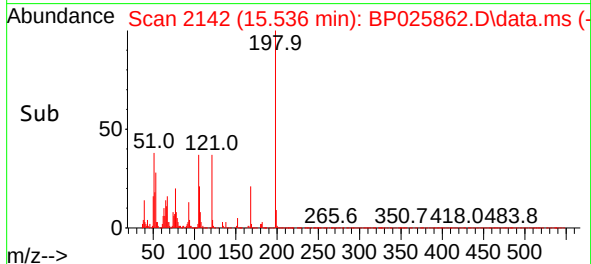
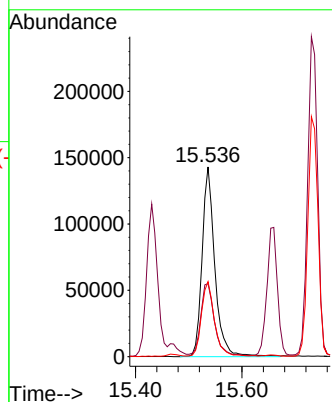
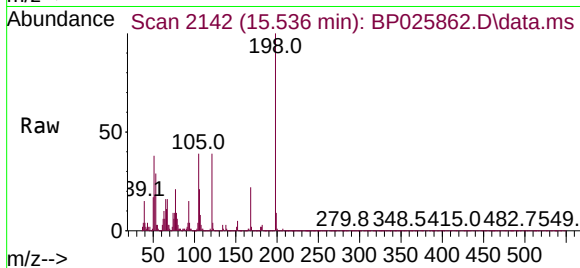




#65
4,6-Dinitro-2-methylphenol
Concen: 51.246 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

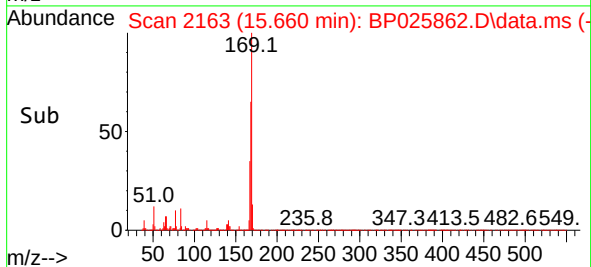
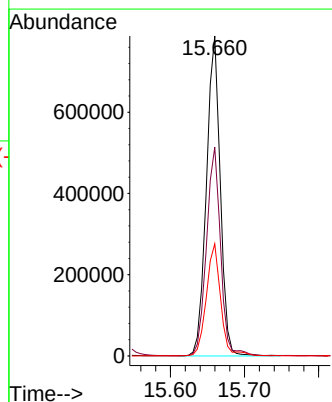
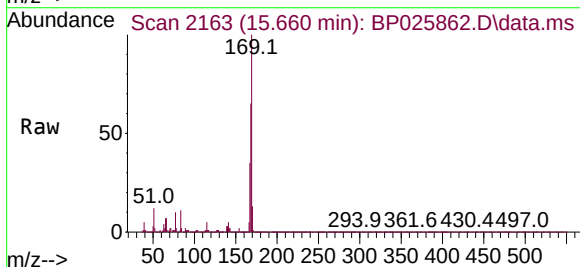
Instrument :
BNA_P
ClientSampleId :
PB169834BS

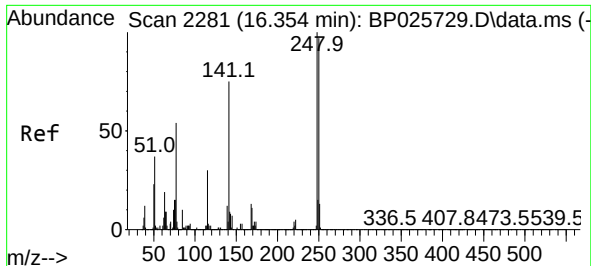
Tgt Ion:198 Resp: 236960
Ion Ratio Lower Upper
198 100
51 38.5 33.4 73.4
105 39.5 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 48.088 ng
RT: 15.660 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:169 Resp: 1023204
Ion Ratio Lower Upper
169 100
168 65.2 52.6 78.8
167 35.0 28.5 42.7

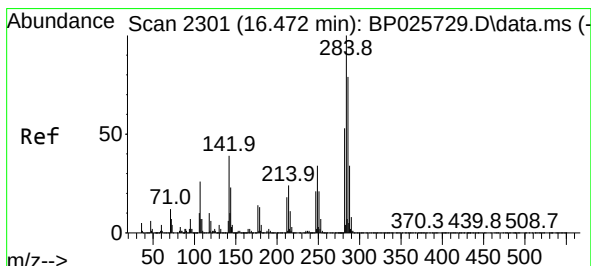
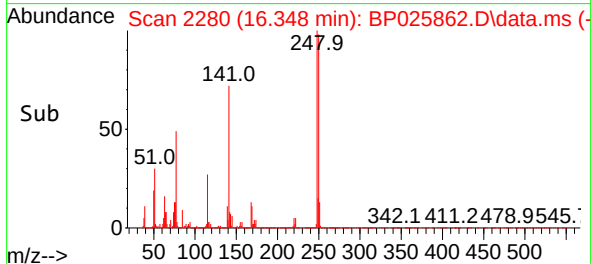
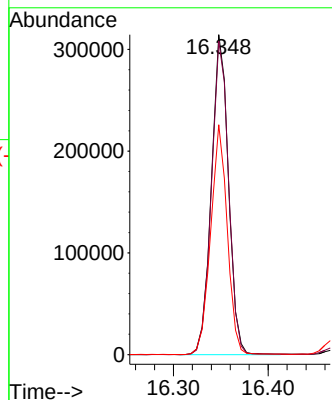
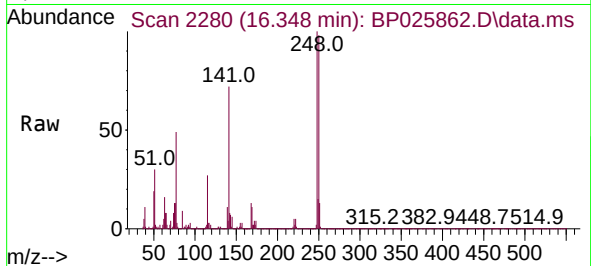




#67
4-Bromophenyl-phenylether
Concen: 51.449 ng
RT: 16.348 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

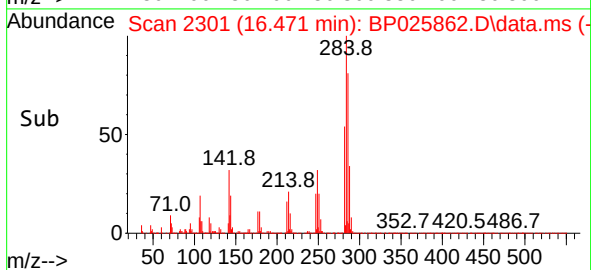
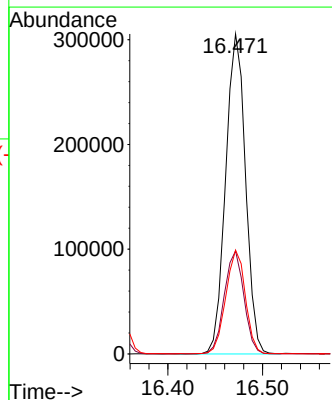
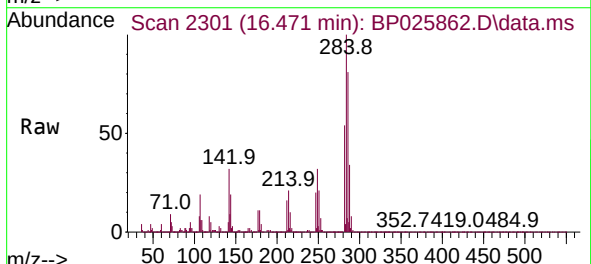
Instrument :
BNA_P
ClientSampleId :
PB169834BS

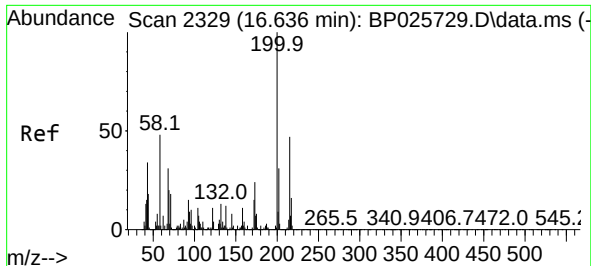
Tgt Ion:248 Resp: 392989
Ion Ratio Lower Upper
248 100
250 98.0 77.5 116.3
141 71.8 60.2 90.4



#68
Hexachlorobenzene
Concen: 52.224 ng
RT: 16.471 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:284 Resp: 444855
Ion Ratio Lower Upper
284 100
142 32.2 31.3 46.9
249 32.4 27.3 40.9

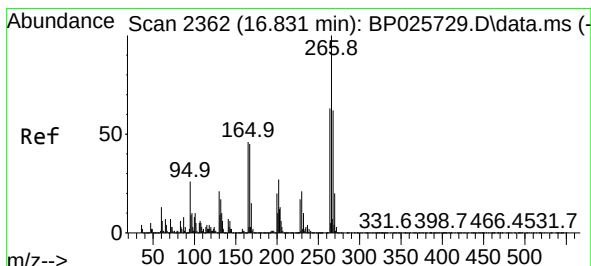
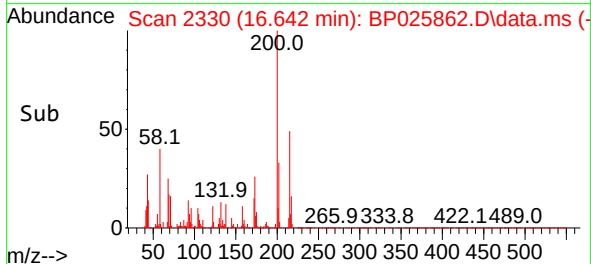
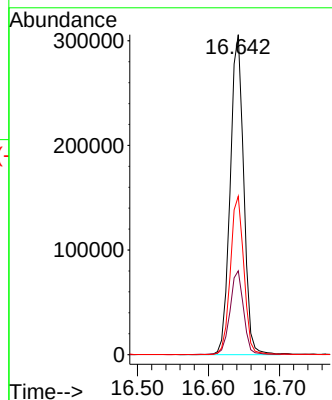
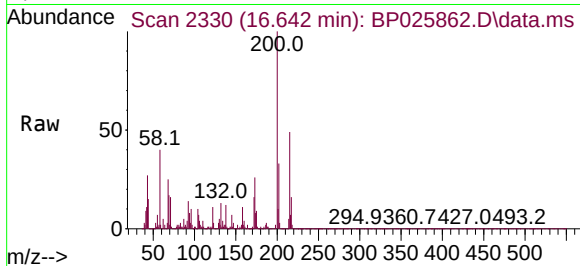




#69
 Atrazine
 Concen: 49.749 ng
 RT: 16.642 min Scan# 2330
 Delta R.T. 0.006 min
 Lab File: BP025862.D
 Acq: 25 Sep 2025 16:47

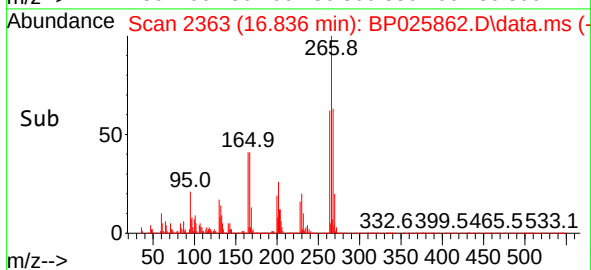
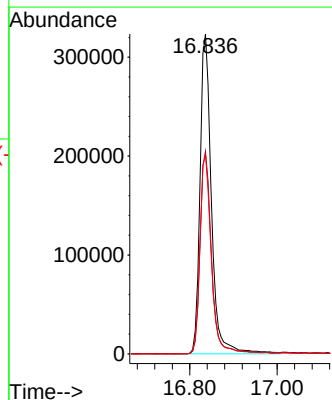
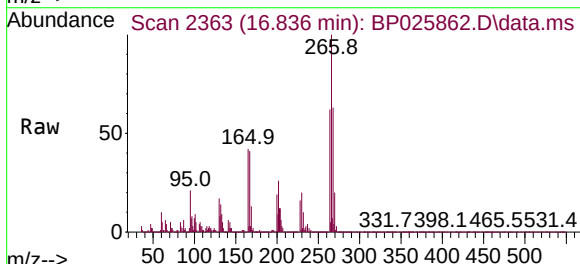
Instrument :
 BNA_P
 ClientSampleId :
 PB169834BS

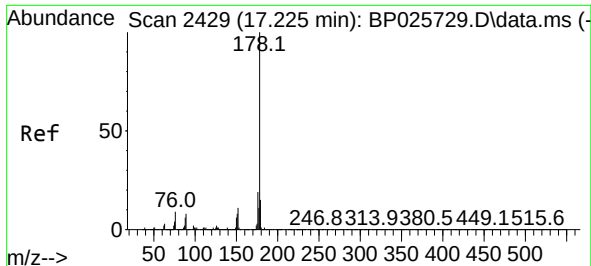
Tgt Ion:200 Resp: 404623
 Ion Ratio Lower Upper
 200 100
 173 26.2 4.2 44.2
 215 49.5 27.3 67.3



#70
 Pentachlorophenol
 Concen: 103.647 ng
 RT: 16.836 min Scan# 2363
 Delta R.T. 0.006 min
 Lab File: BP025862.D
 Acq: 25 Sep 2025 16:47

Tgt Ion:266 Resp: 582695
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.8 74.8
 264 62.3 50.2 75.2

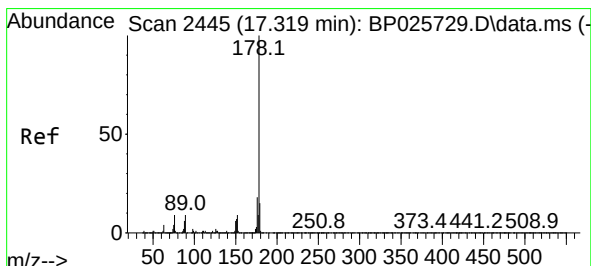
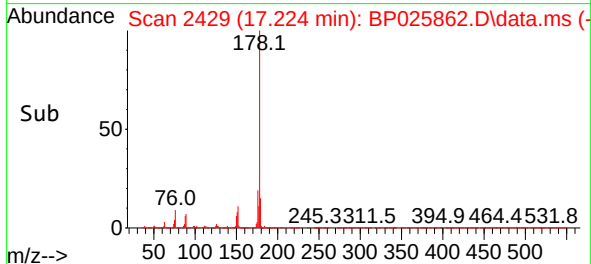
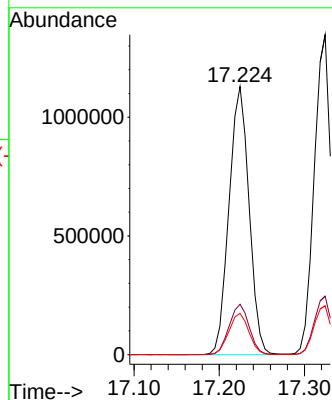
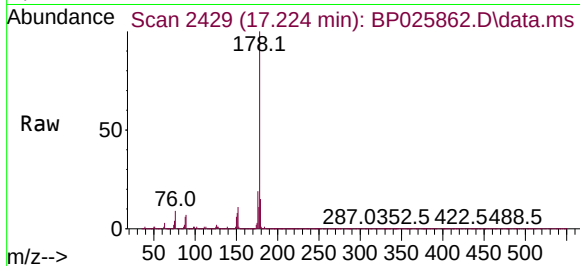




#71
Phenanthrene
Concen: 46.747 ng
RT: 17.224 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

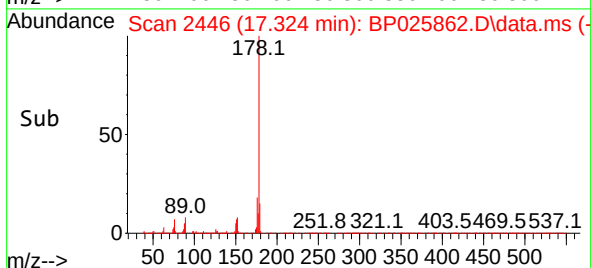
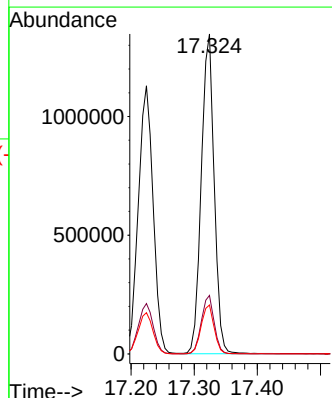
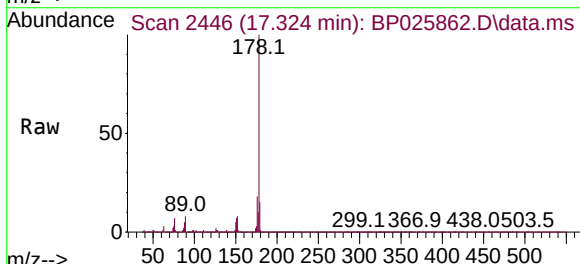
Instrument :
BNA_P
ClientSampleId :
PB169834BS

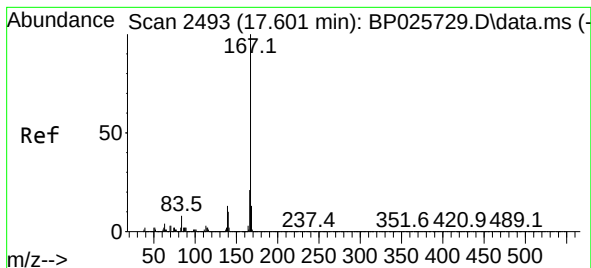
Tgt Ion:178 Resp: 1843738
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 47.690 ng
RT: 17.324 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:178 Resp: 1908459
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.3 12.2 18.4





#73

Carbazole

Concen: 48.053 ng

RT: 17.607 min Scan# 2493

Delta R.T. 0.006 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Instrument :

BNA_P

ClientSampleId :

PB169834BS

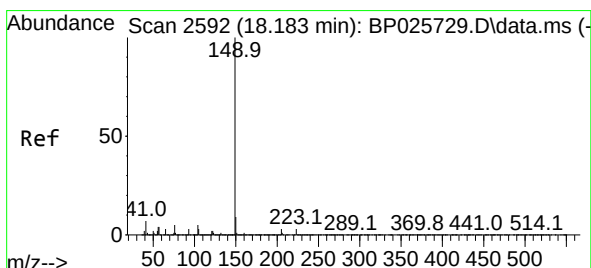
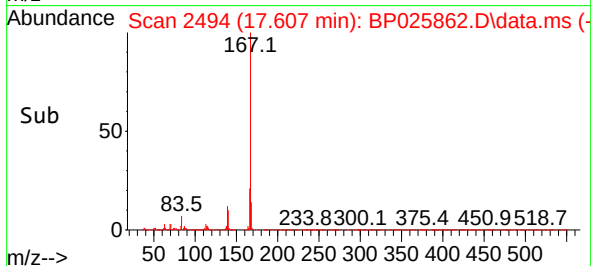
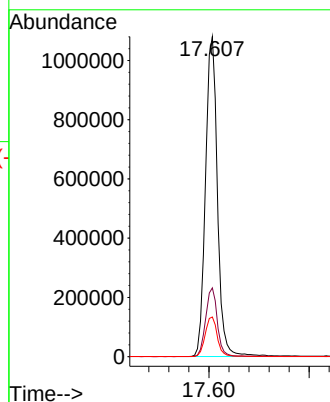
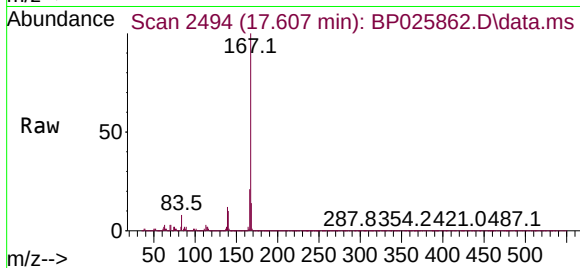
Tgt Ion:167 Resp: 1787791

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 12.4 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.117 ng

RT: 18.183 min Scan# 2592

Delta R.T. -0.000 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

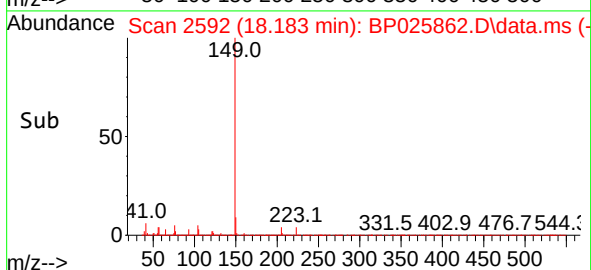
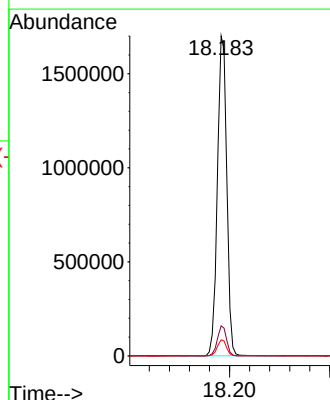
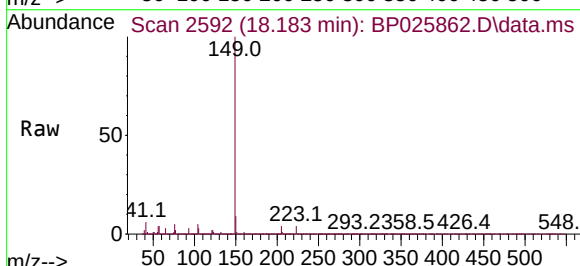
Tgt Ion:149 Resp: 2196885

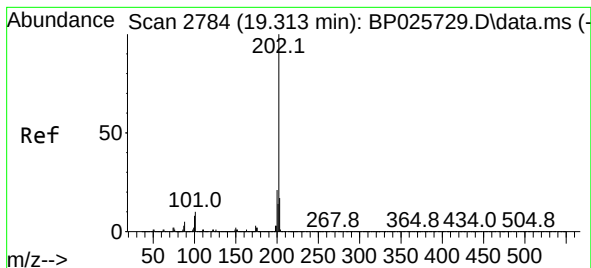
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 48.318 ng

RT: 19.318 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Instrument :

BNA_P

ClientSampleId :

PB169834BS

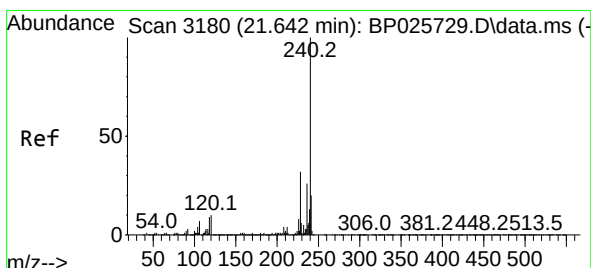
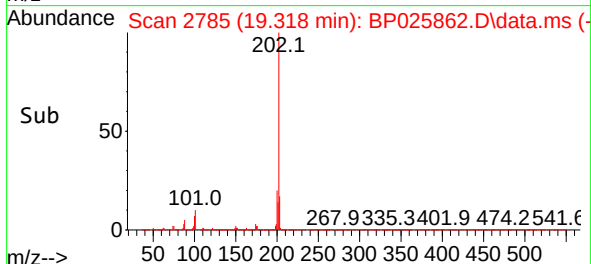
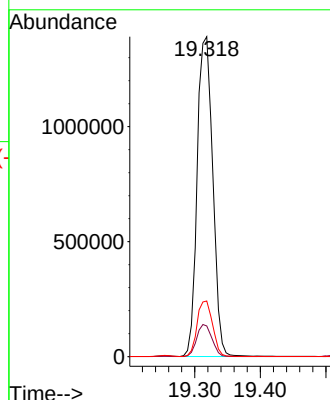
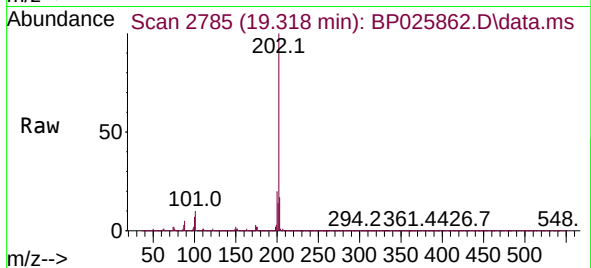
Tgt Ion:202 Resp: 2285551

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.4

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.012 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

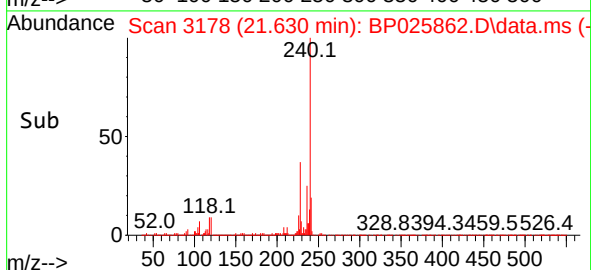
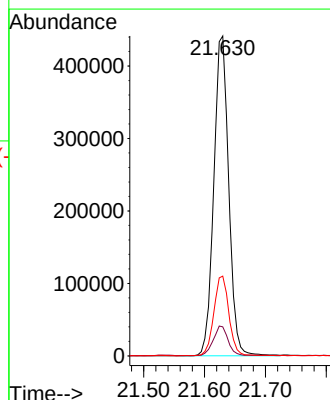
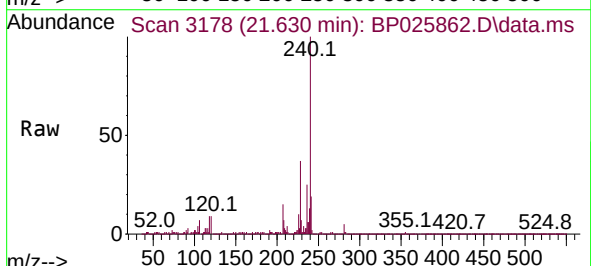
Tgt Ion:240 Resp: 752857

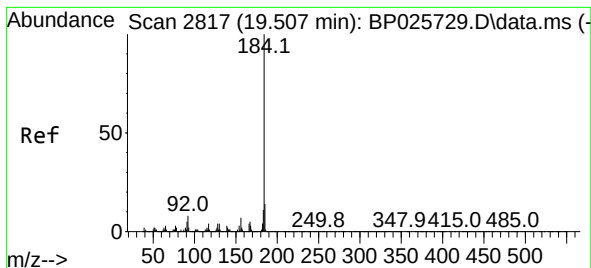
Ion Ratio Lower Upper

240 100

120 9.1 8.0 12.0

236 24.9 20.7 31.1





#77

Benzidine

Concen: 59.603 ng

RT: 19.512 min Scan# 2818

Delta R.T. 0.006 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Instrument :

BNA_P

ClientSampleId :

PB169834BS

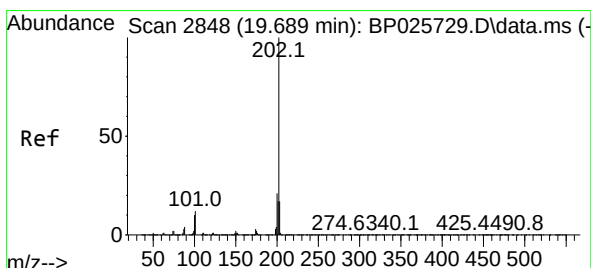
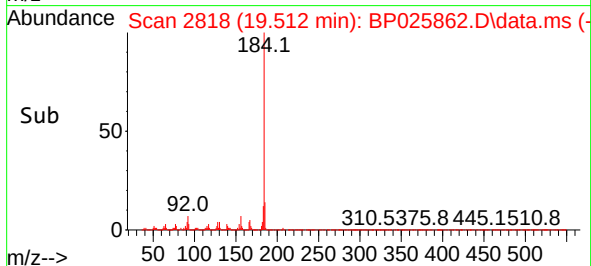
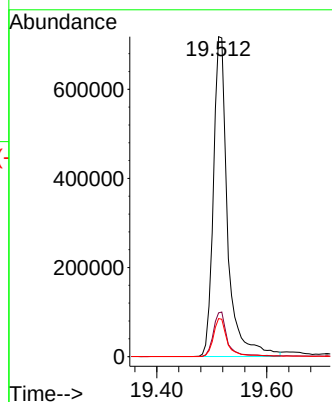
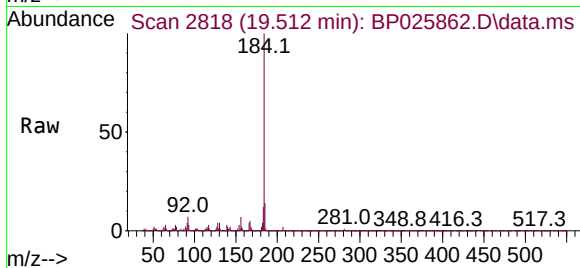
Tgt Ion:184 Resp: 1292563

Ion Ratio Lower Upper

184 100

185 13.7 11.5 17.3

183 11.9 9.2 13.8



#78

Pyrene

Concen: 47.496 ng

RT: 19.695 min Scan# 2849

Delta R.T. 0.006 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

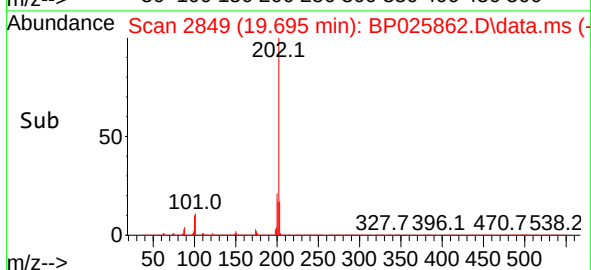
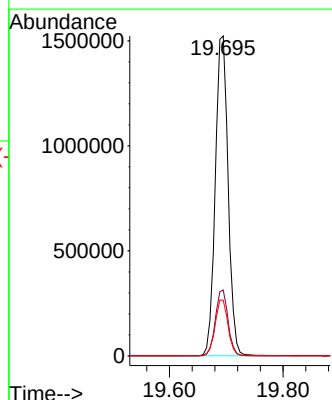
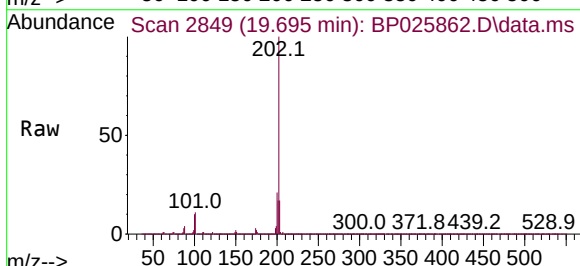
Tgt Ion:202 Resp: 2385927

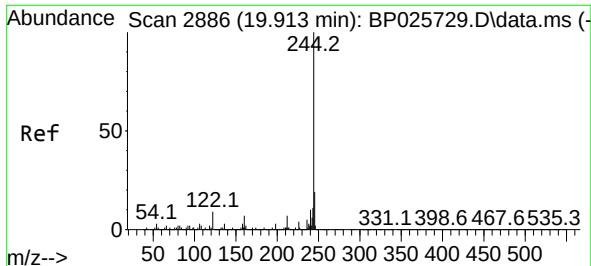
Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

203 17.4 13.9 20.9

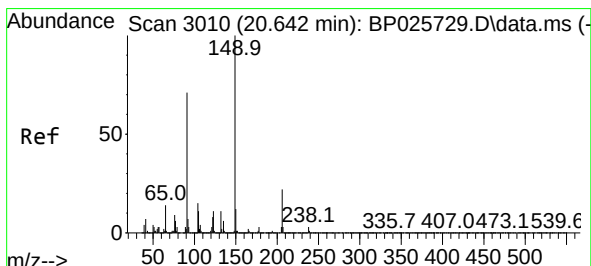
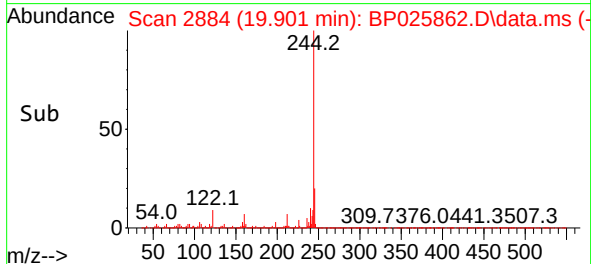
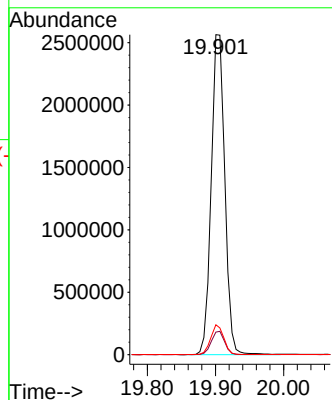
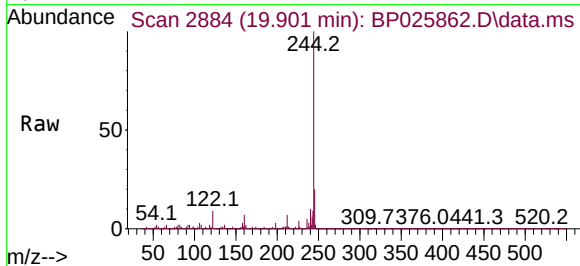




#79
 Terphenyl-d14
 Concen: 84.861 ng
 RT: 19.901 min Scan# 2886
 Delta R.T. -0.012 min
 Lab File: BP025862.D
 Acq: 25 Sep 2025 16:47

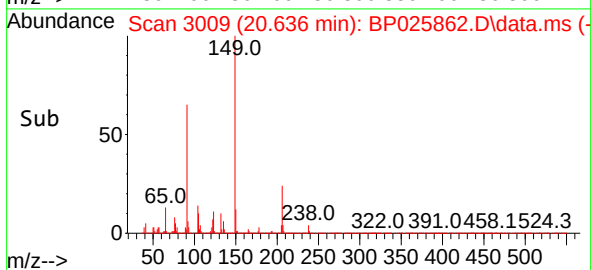
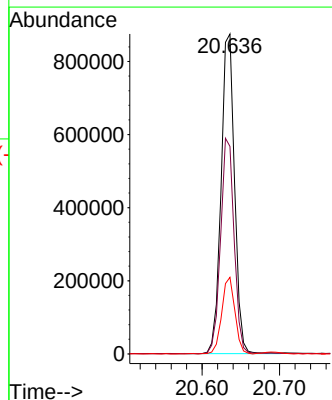
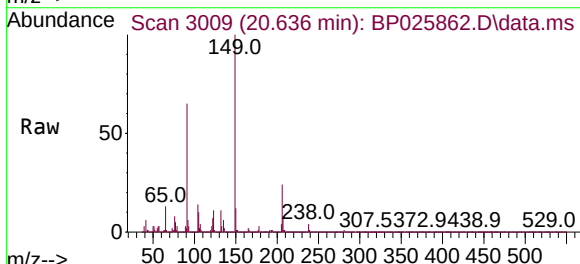
Instrument :
 BNA_P
 ClientSampleId :
 PB169834BS

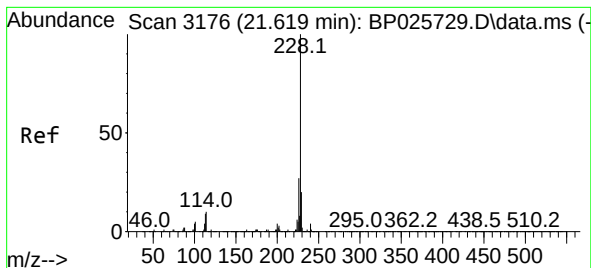
Tgt Ion:244 Resp: 3551362
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.3 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 47.822 ng
 RT: 20.636 min Scan# 3009
 Delta R.T. -0.006 min
 Lab File: BP025862.D
 Acq: 25 Sep 2025 16:47

Tgt Ion:149 Resp: 1053316
 Ion Ratio Lower Upper
 149 100
 91 64.8 56.6 85.0
 206 23.9 17.4 26.0





#81

Benzo(a)anthracene

Concen: 47.595 ng

RT: 21.606 min Scan# 3176

Delta R.T. -0.012 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Instrument :

BNA_P

ClientSampleId :

PB169834BS

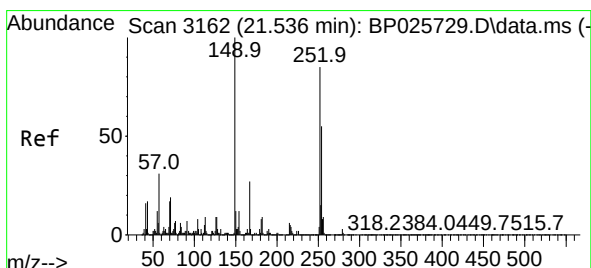
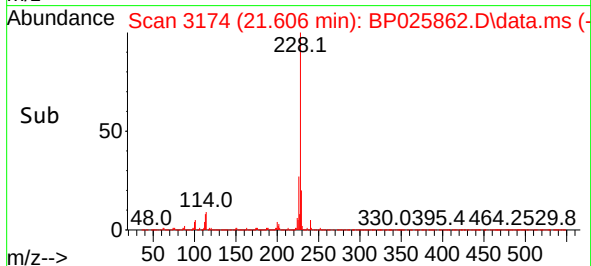
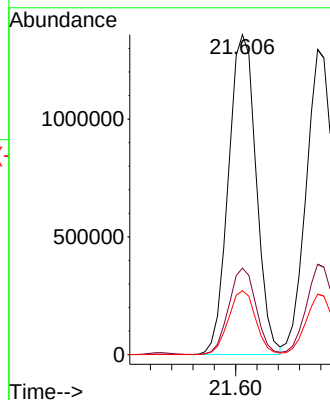
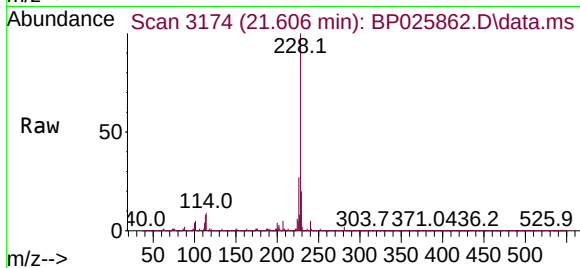
Tgt Ion:228 Resp: 2453113

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 42.174 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

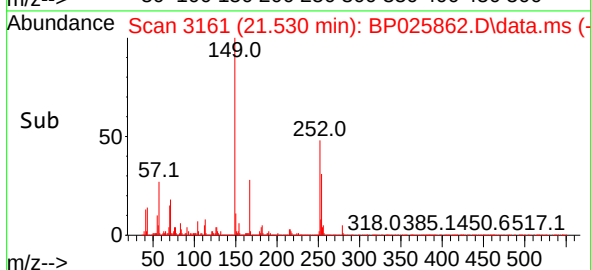
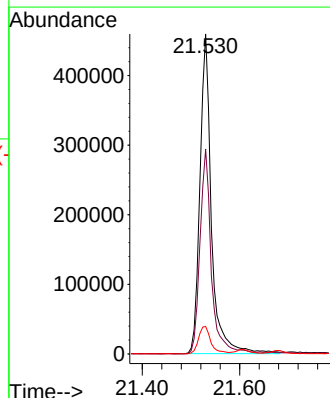
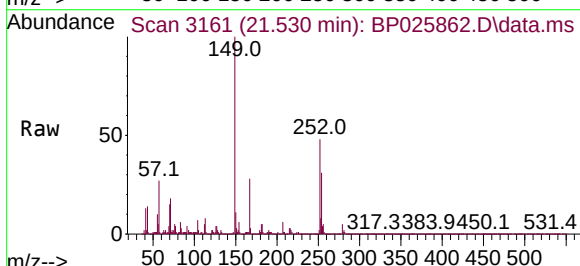
Tgt Ion:252 Resp: 751619

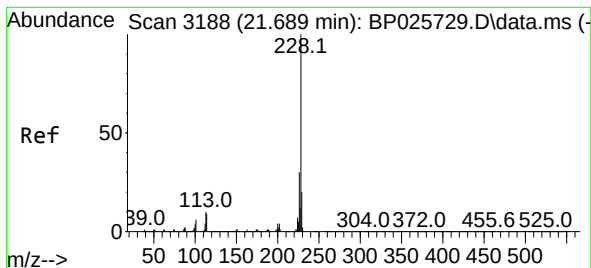
Ion Ratio Lower Upper

252 100

254 64.0 51.4 77.0

126 8.6 8.3 12.5





#83

Chrysene

Concen: 47.394 ng

RT: 21.677 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Instrument :

BNA_P

ClientSampleId :

PB169834BS

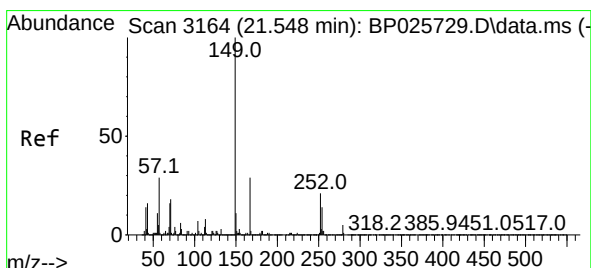
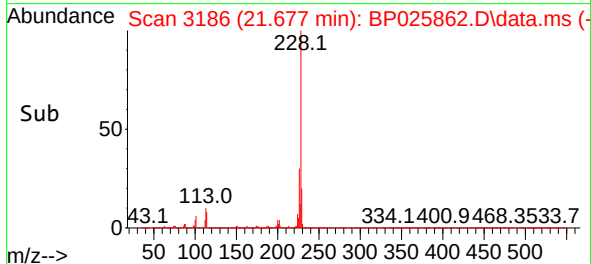
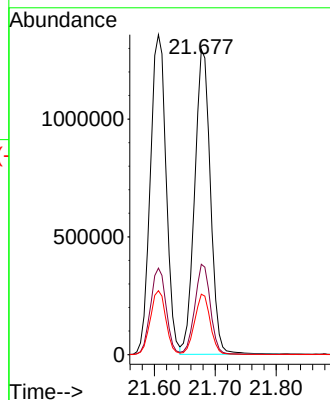
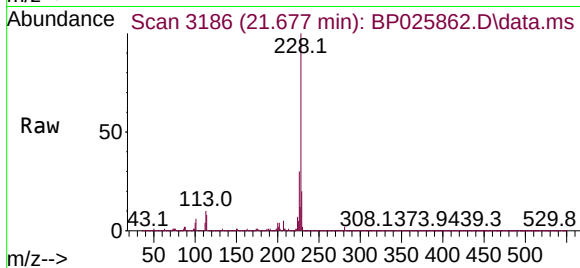
Tgt Ion:228 Resp: 2328576

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.887 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.012 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

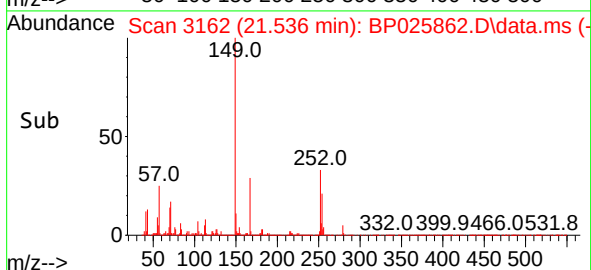
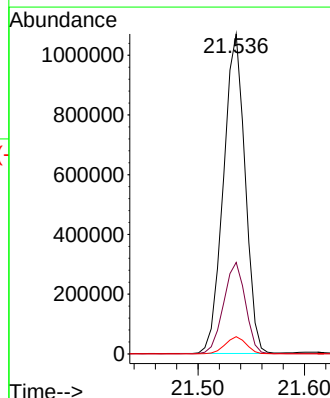
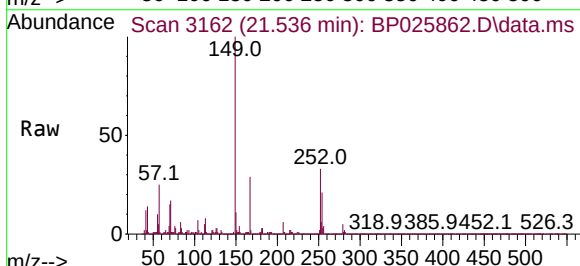
Tgt Ion:149 Resp: 1510913

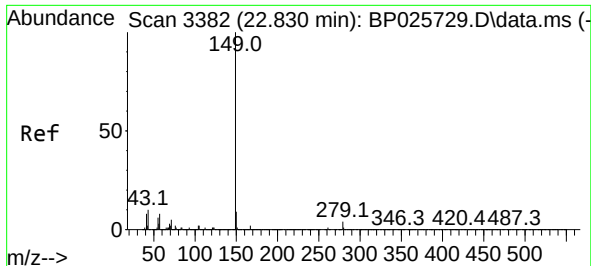
Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

279 5.4 3.8 5.8

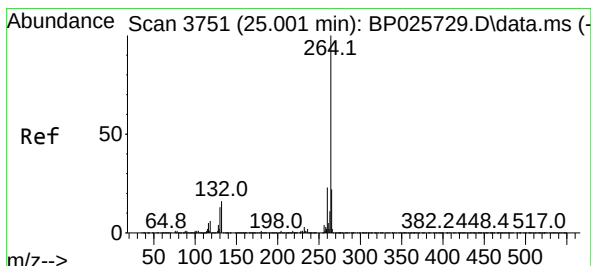
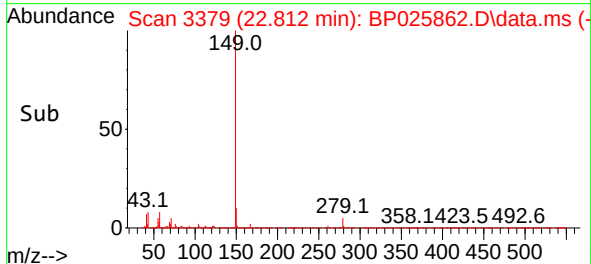
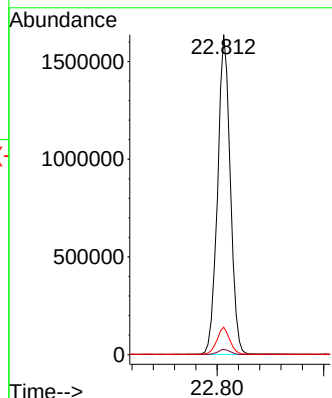
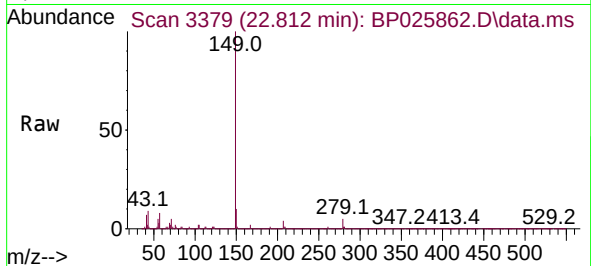




#85
Di-n-octyl phthalate
Concen: 47.214 ng
RT: 22.812 min Scan# 3382
Delta R.T. -0.018 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

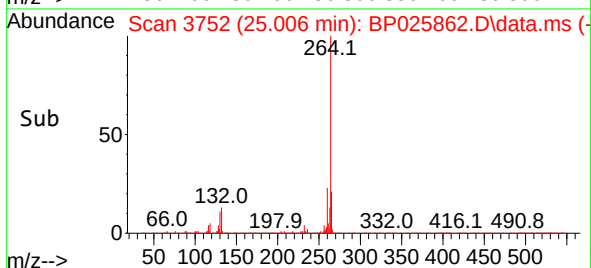
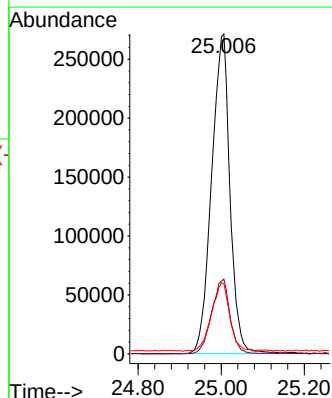
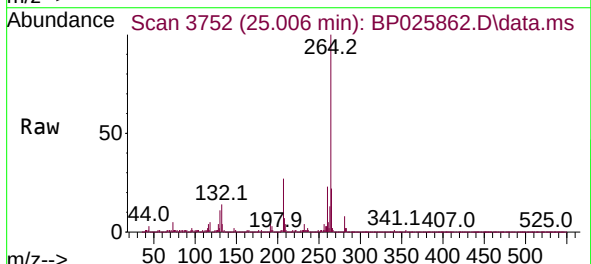
Instrument :
BNA_P
ClientSampleId :
PB169834BS

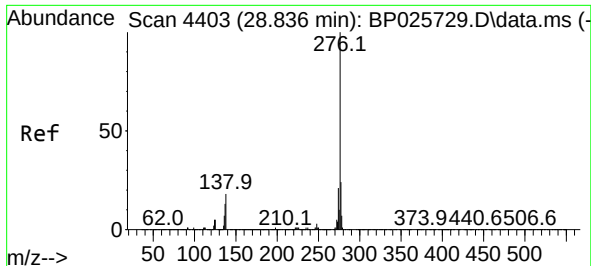
Tgt Ion:149 Resp: 2706412
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3752
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:264 Resp: 831049
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 22.0 17.3 25.9

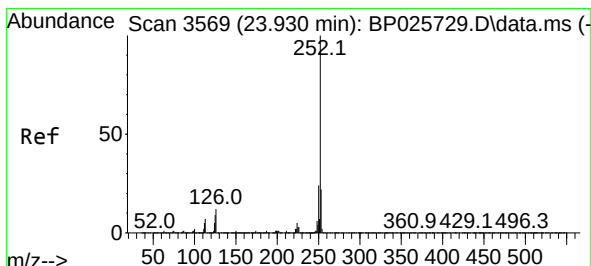
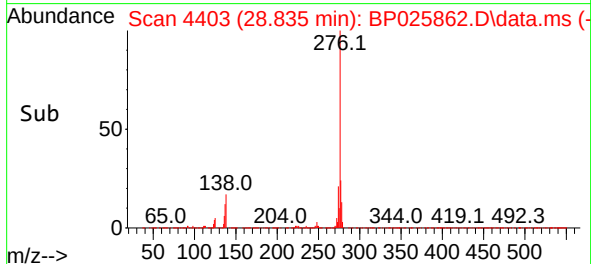
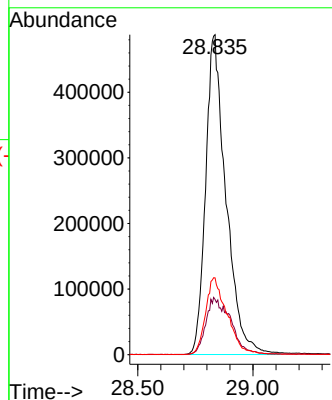
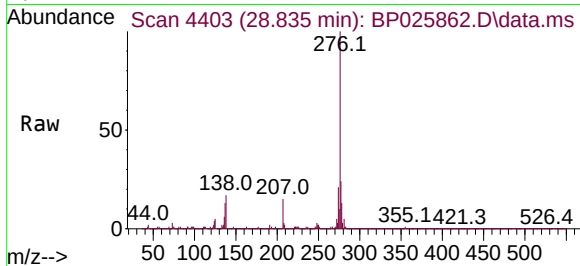




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.472 ng
 RT: 28.835 min Scan# 4403
 Delta R.T. -0.000 min
 Lab File: BP025862.D
 Acq: 25 Sep 2025 16:47

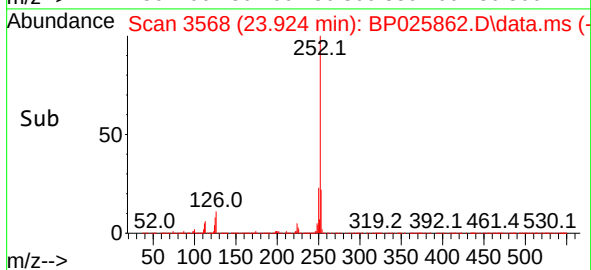
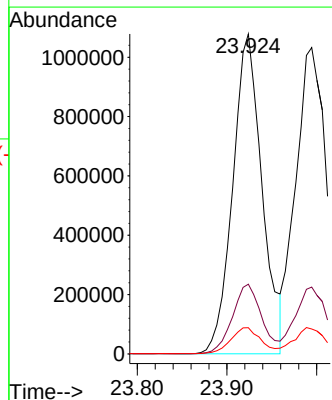
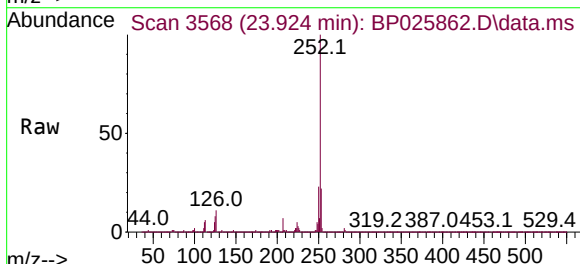
Instrument :
 BNA_P
 ClientSampleId :
 PB169834BS

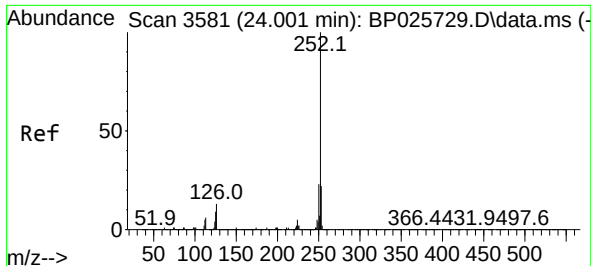
Tgt Ion:276 Resp: 2989856
 Ion Ratio Lower Upper
 276 100
 138 21.5 13.4 20.2#
 277 25.4 9.1 13.7#



#88
 Benzo(b)fluoranthene
 Concen: 48.289 ng
 RT: 23.924 min Scan# 3568
 Delta R.T. -0.006 min
 Lab File: BP025862.D
 Acq: 25 Sep 2025 16:47

Tgt Ion:252 Resp: 2454085
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.9 26.9
 125 8.2 7.3 10.9

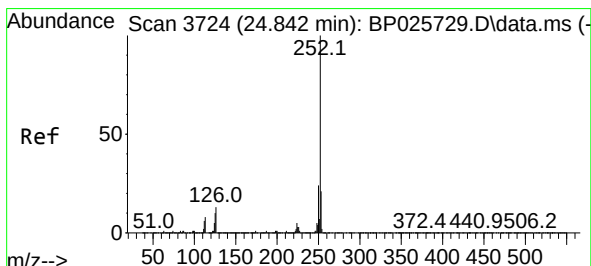
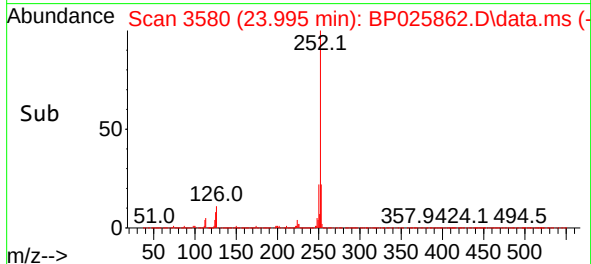
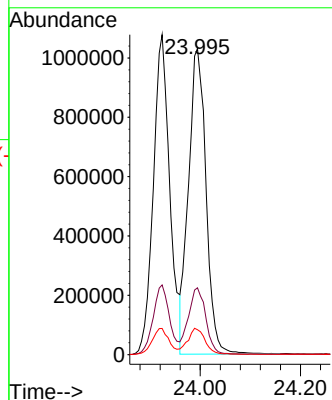
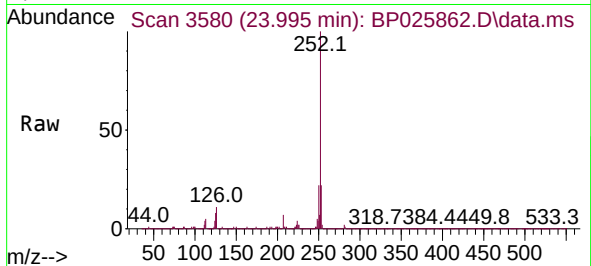




#89
Benzo(k)fluoranthene
Concen: 48.185 ng
RT: 23.995 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

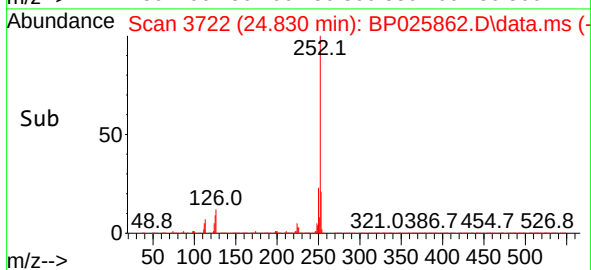
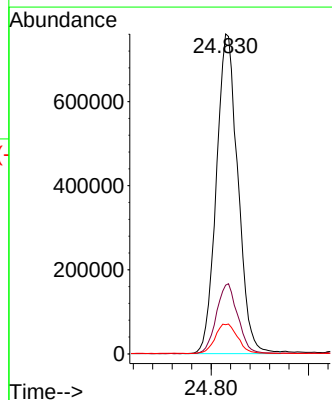
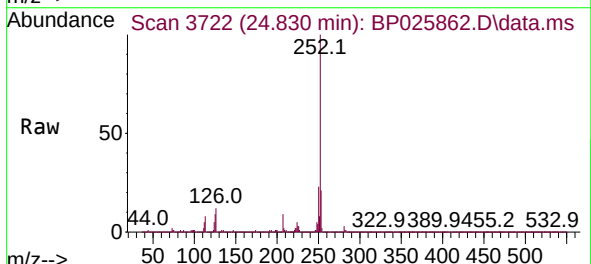
Instrument :
BNA_P
ClientSampleId :
PB169834BS

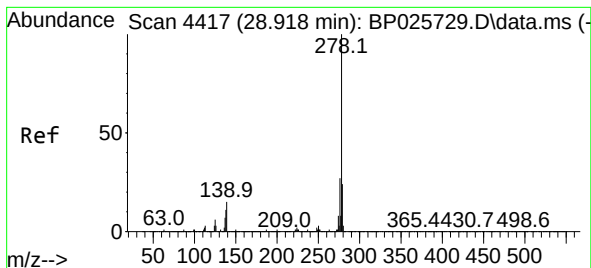
Tgt Ion:252 Resp: 2498831
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.1 7.5 11.3



#90
Benzo(a)pyrene
Concen: 46.918 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:252 Resp: 2335045
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 9.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 49.957 ng

RT: 28.900 min Scan# 4417

Delta R.T. -0.018 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Instrument :

BNA_P

ClientSampleId :

PB169834BS

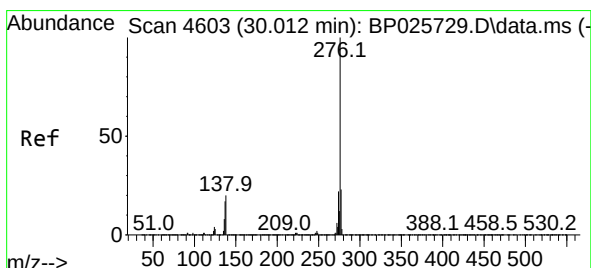
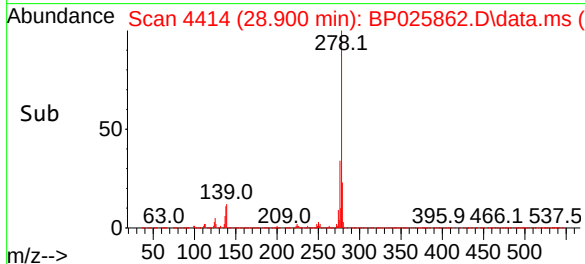
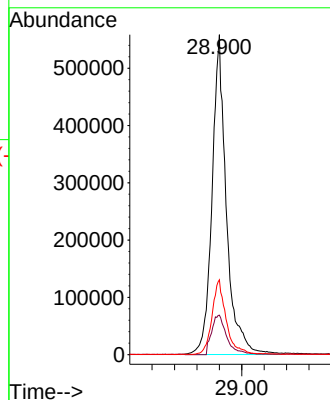
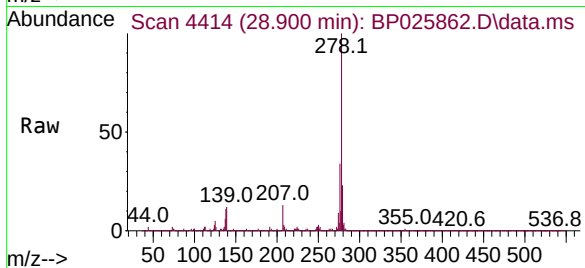
Tgt Ion:278 Resp: 2470674

Ion Ratio Lower Upper

278 100

139 12.3 12.1 18.1

279 23.4 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 49.559 ng

RT: 30.030 min Scan# 4606

Delta R.T. 0.017 min

Lab File: BP025862.D

Acq: 25 Sep 2025 16:47

Tgt Ion:276 Resp: 2410379

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.2 16.0 24.0

