

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092625\
 Data File : BP025871.D
 Acq On : 26 Sep 2025 15:45
 Operator : CG/JU
 Sample : PB169858BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169858BS

Quant Time: Sep 26 16:17:02 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	7.743	152	160355	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	612100	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	410962	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	836314	20.000	ng	0.00
76) Chrysene-d12	21.630	240	888003	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1004725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1187530	119.493	ng	0.00
7) Phenol-d6	6.949	99	1459169	110.464	ng	0.00
23) Nitrobenzene-d5	8.890	82	924409	66.618	ng	-0.01
42) 2,4,6-Tribromophenol	15.889	330	699413	136.446	ng	-0.02
45) 2-Fluorobiphenyl	12.972	172	2218294	71.872	ng	-0.02
79) Terphenyl-d14	19.901	244	3789269	76.766	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	129978	31.162	ng	95
3) Pyridine	3.702	79	368940	32.123	ng	93
4) n-Nitrosodimethylamine	3.608	42	171063	31.564	ng	82
6) Aniline	7.084	93	477620	26.340	ng	97
8) 2-Chlorophenol	7.325	128	442549	40.592	ng	97
9) Benzaldehyde	6.902	77	244818	30.921	ng	96
10) Phenol	6.972	94	543257	39.003	ng	97
11) bis(2-Chloroethyl)ether	7.172	93	417060	37.269	ng	93
12) 1,3-Dichlorobenzene	7.637	146	483738	38.985	ng	97
13) 1,4-Dichlorobenzene	7.778	146	497262	39.342	ng	99
14) 1,2-Dichlorobenzene	8.090	146	476497	38.806	ng	100
15) Benzyl Alcohol	7.990	79	400497	36.691	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.260	45	582829	31.848	ng	97
17) 2-Methylphenol	8.202	107	367363	39.120	ng	99
18) Hexachloroethane	8.807	117	186722	38.676	ng	95
19) n-Nitroso-di-n-propyla...	8.543	70	324976	35.272	ng	92
20) 3+4-Methylphenols	8.525	107	497369	37.818	ng	98
22) Acetophenone	8.560	105	719463	43.983	ng	# 96
24) Nitrobenzene	8.931	77	472138	37.927	ng	98
25) Isophorone	9.455	82	910130	37.315	ng	99
26) 2-Nitrophenol	9.631	139	244651	44.265	ng	92
27) 2,4-Dimethylphenol	9.707	122	406161	41.889	ng	99
28) bis(2-Chloroethoxy)met...	9.925	93	556250	39.454	ng	99
29) 2,4-Dichlorophenol	10.190	162	423687	43.826	ng	98
30) 1,2,4-Trichlorobenzene	10.378	180	462850	42.482	ng	98
31) Naphthalene	10.560	128	1312727	39.774	ng	99
32) Benzoic acid	9.896	122	350270	48.589	ng	97
33) 4-Chloroaniline	10.684	127	281269	20.446	ng	97
34) Hexachlorobutadiene	10.843	225	311594	44.426	ng	99
35) Caprolactam	11.484	113	141786	38.046	ng	89
36) 4-Chloro-3-methylphenol	11.825	107	465525	40.390	ng	99
37) 2-Methylnaphthalene	12.172	142	849194	40.059	ng	99
38) 1-Methylnaphthalene	12.390	142	876297	38.765	ng	98
40) 1,2,4,5-Tetrachloroben...	12.543	216	603941	48.497	ng	98
41) Hexachlorocyclopentadiene	12.513	237	588081	86.706	ng	97
43) 2,4,6-Trichlorophenol	12.796	196	360436	44.027	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092625\
 Data File : BP025871.D
 Acq On : 26 Sep 2025 15:45
 Operator : CG/JU
 Sample : PB169858BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

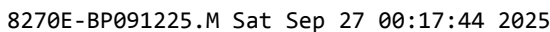
Instrument :
 BNA_P
 ClientSampleId :
 PB169858BS

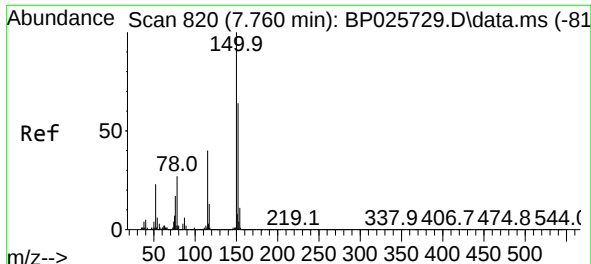
Quant Time: Sep 26 16:17:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	394983	43.351	ng	97
46) 1,1'-Biphenyl	13.184	154	1353668	44.876	ng	99
47) 2-Chloronaphthalene	13.231	162	964825	40.621	ng	98
48) 2-Nitroaniline	13.443	65	292612	36.958	ng	90
49) Acenaphthylene	14.090	152	1600243	40.663	ng	100
50) Dimethylphthalate	13.819	163	1261772	40.215	ng	99
51) 2,6-Dinitrotoluene	13.943	165	274143	41.241	ng	90
52) Acenaphthene	14.437	154	872989	38.466	ng	99
53) 3-Nitroaniline	14.284	138	185280	26.505	ng	99
54) 2,4-Dinitrophenol	14.501	184	345596	79.964	ng	94
55) Dibenzofuran	14.778	168	1478021	39.958	ng	99
56) 4-Nitrophenol	14.648	139	357200	60.495	ng	97
57) 2,4-Dinitrotoluene	14.754	165	405083	42.820	ng	87
58) Fluorene	15.437	166	1179742	40.110	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	359513	43.802	ng	94
60) Diethylphthalate	15.201	149	1292569	40.614	ng	99
61) 4-Chlorophenyl-phenyle...	15.425	204	623217	42.043	ng	97
62) 4-Nitroaniline	15.472	138	278214	38.850	ng	96
63) Azobenzene	15.725	77	1125591	36.577	ng	95
65) 4,6-Dinitro-2-methylph...	15.537	198	249592	44.876	ng	88
66) n-Nitrosodiphenylamine	15.648	169	1060723	41.445	ng	99
67) 4-Bromophenyl-phenylether	16.342	248	412593	44.907	ng	95
68) Hexachlorobenzene	16.466	284	481087	46.955	ng	# 88
69) Atrazine	16.625	200	430750	44.031	ng	98
70) Pentachlorophenol	16.831	266	598454	88.500	ng	99
71) Phenanthrene	17.225	178	1894846	39.941	ng	100
72) Anthracene	17.313	178	1954971	40.615	ng	99
73) Carbazole	17.601	167	1835937	41.026	ng	99
74) Di-n-butylphthalate	18.178	149	2342560	42.656	ng	99
75) Fluoranthene	19.313	202	2392514	42.050	ng	98
77) Benzidine	19.513	184	1108126	43.321	ng	99
78) Pyrene	19.683	202	2449473	41.340	ng	99
80) Butylbenzylphthalate	20.630	149	1097501	42.244	ng	98
81) Benzo(a)anthracene	21.613	228	2545090	41.864	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	690359	32.842	ng	99
83) Chrysene	21.677	228	2338559	40.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1626230	42.785	ng	98
85) Di-n-octyl phthalate	22.807	149	2914197	43.102	ng	96
87) Indeno(1,2,3-cd)pyrene	28.842	276	3164069	43.304	ng	# 79
88) Benzo(b)fluoranthene	23.936	252	2541550	41.366	ng	98
89) Benzo(k)fluoranthene	24.007	252	2643999	42.172	ng	99
90) Benzo(a)pyrene	24.842	252	2465193	40.971	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	2605063	43.569	ng	96
92) Benzo(g,h,i)perylene	30.030	276	2532589	43.070	ng	98

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

Quant Time: Sep 26 16:17:02 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

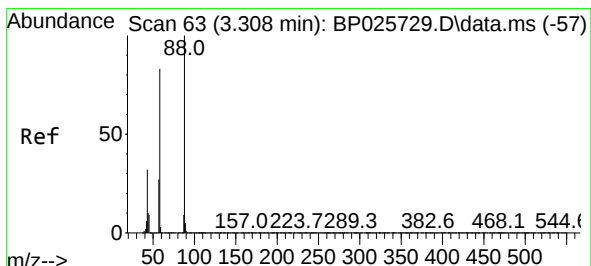
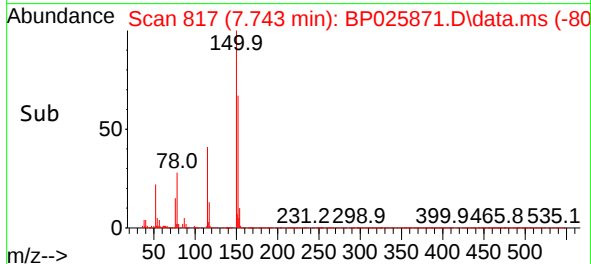
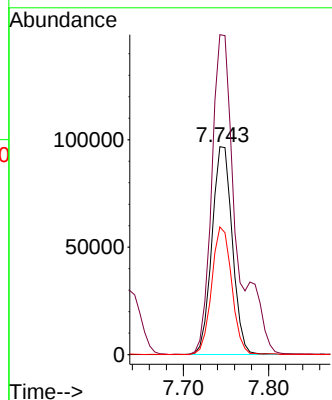
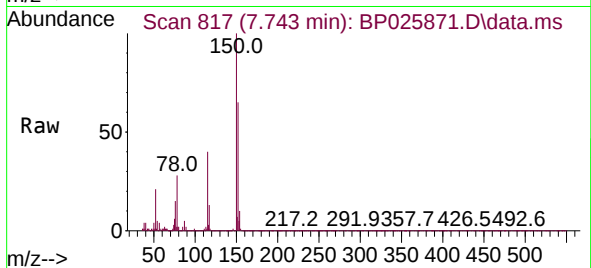




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.743 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BP025871.D
 Acq: 26 Sep 2025 15:45

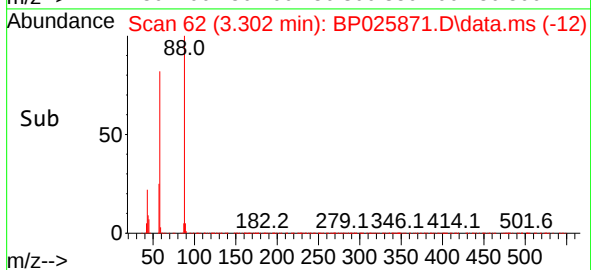
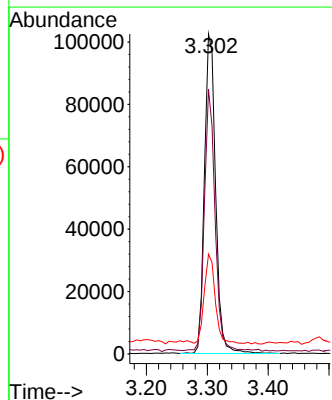
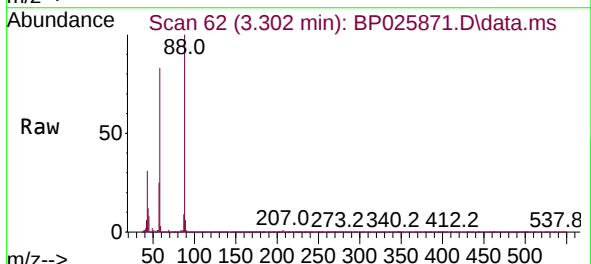
Instrument :
 BNA_P
 ClientSampleId :
 PB169858BS

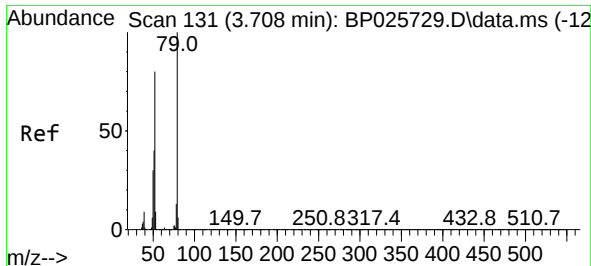
Tgt Ion:152 Resp: 160355
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.3 186.5
 115 61.4 50.3 75.5



#2
 1,4-Dioxane
 Concen: 31.162 ng
 RT: 3.302 min Scan# 62
 Delta R.T. -0.006 min
 Lab File: BP025871.D
 Acq: 26 Sep 2025 15:45

Tgt Ion: 88 Resp: 129978
 Ion Ratio Lower Upper
 88 100
 58 78.4 65.5 98.3
 43 27.2 25.2 37.8

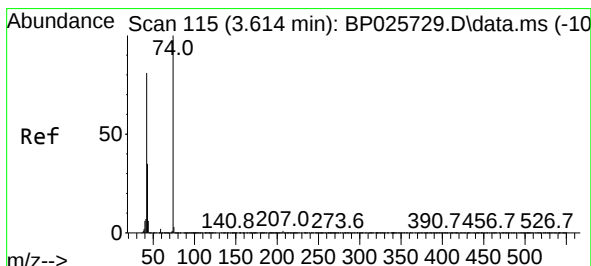
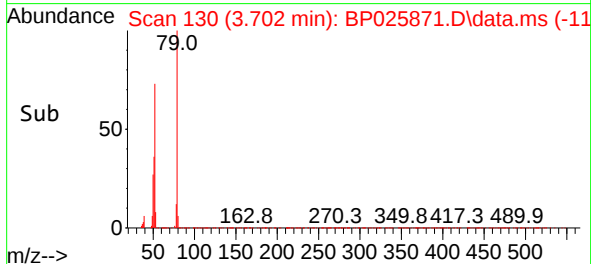
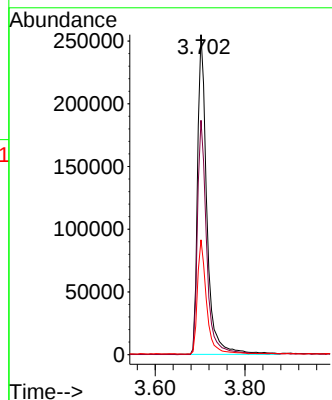
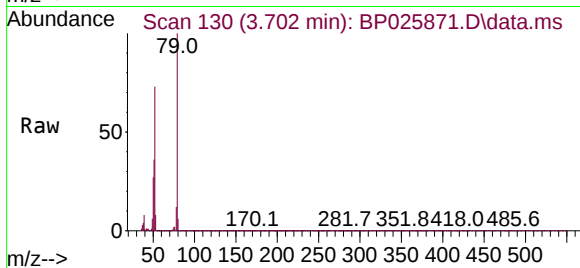




#3
Pyridine
Concen: 32.123 ng
RT: 3.702 min Scan# 113
Delta R.T. -0.006 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

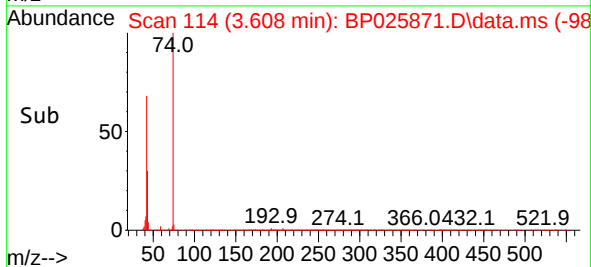
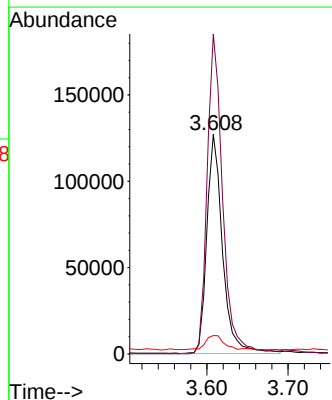
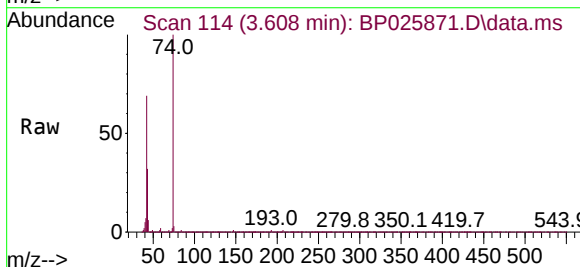
Instrument :
BNA_P
ClientSampleId :
PB169858BS

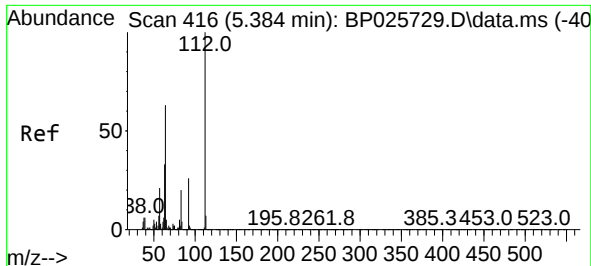
Tgt Ion: 79 Resp: 368940
Ion Ratio Lower Upper
79 100
52 73.2 63.7 95.5
51 35.9 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 31.564 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion: 42 Resp: 171063
Ion Ratio Lower Upper
42 100
74 145.9 99.2 148.8
44 8.4 6.4 9.6

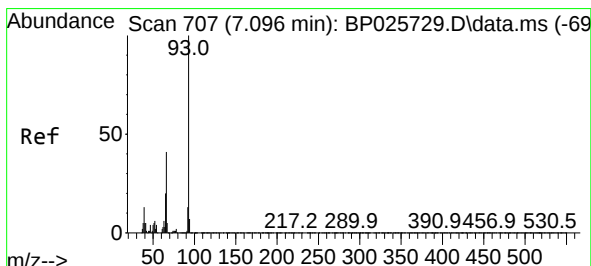
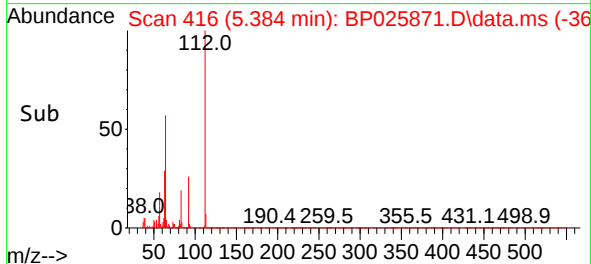
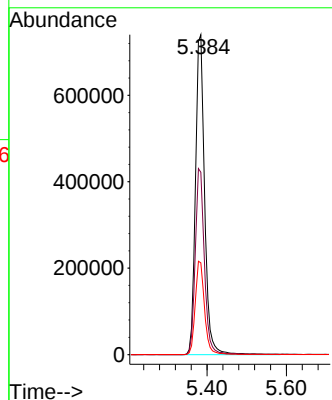
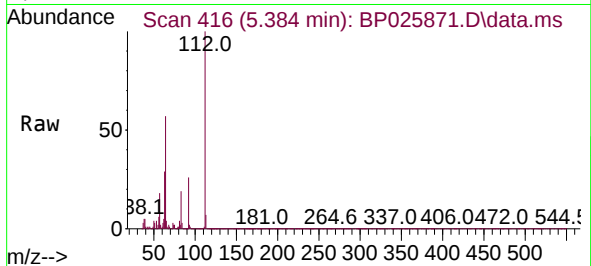




#5
2-Fluorophenol
Concen: 119.493 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

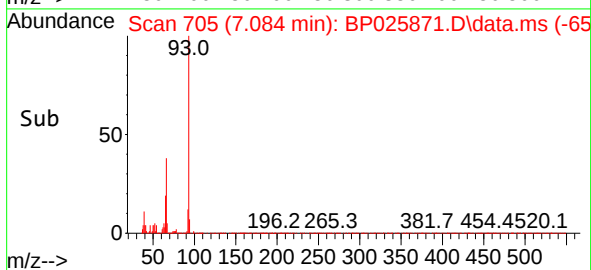
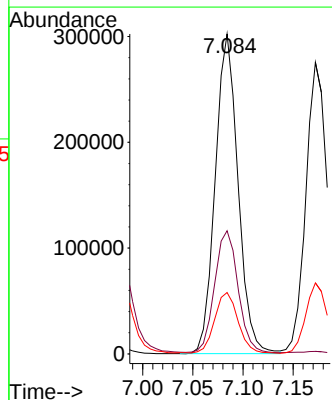
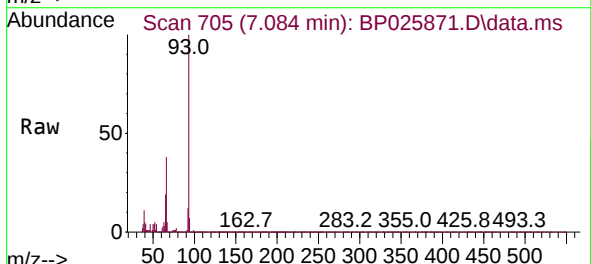
Instrument :
BNA_P
ClientSampleId :
PB169858BS

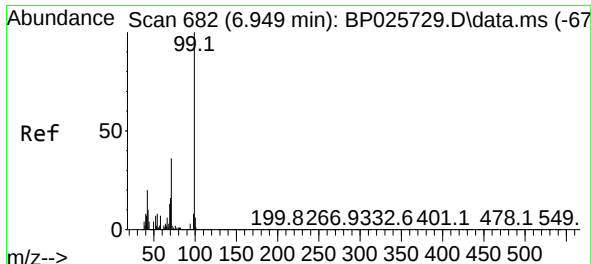
Tgt Ion:112 Resp: 1187530
Ion Ratio Lower Upper
112 100
64 57.0 50.2 75.4
63 28.7 26.7 40.1



#6
Aniline
Concen: 26.340 ng
RT: 7.084 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion: 93 Resp: 477620
Ion Ratio Lower Upper
93 100
66 38.5 32.6 49.0
65 19.2 16.2 24.2

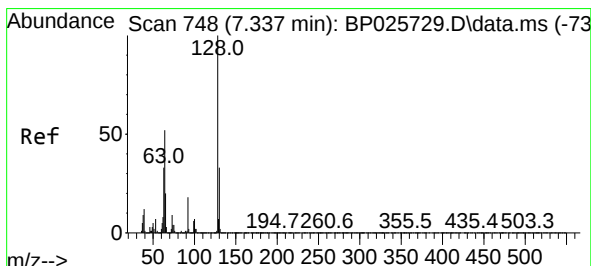
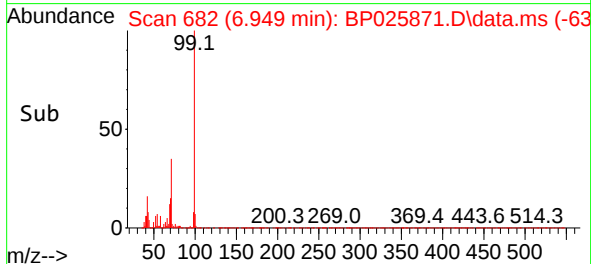
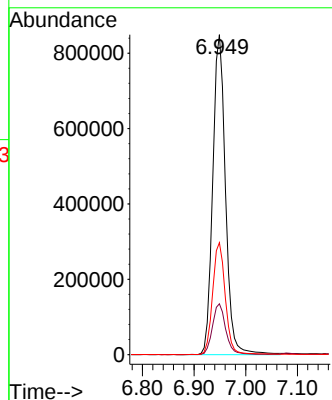
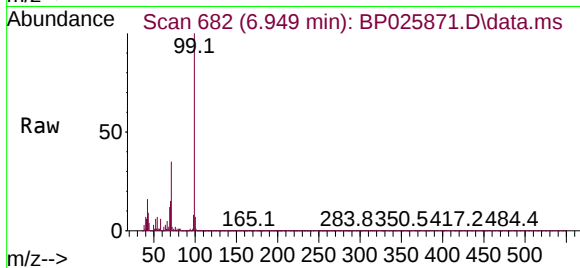




#7
Phenol-d6
Concen: 110.464 ng
RT: 6.949 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

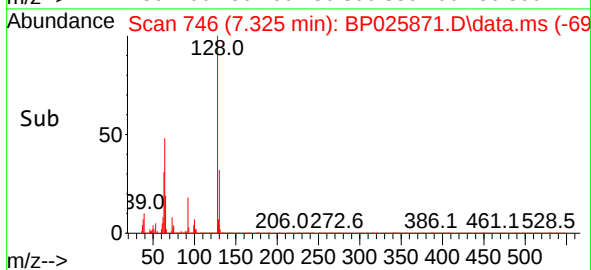
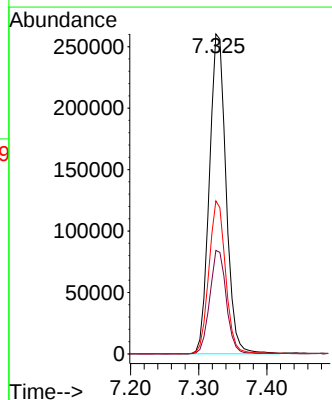
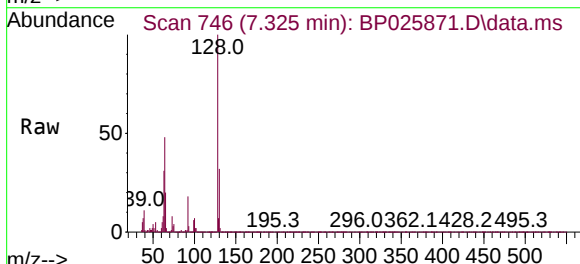
Instrument :
BNA_P
ClientSampleId :
PB169858BS

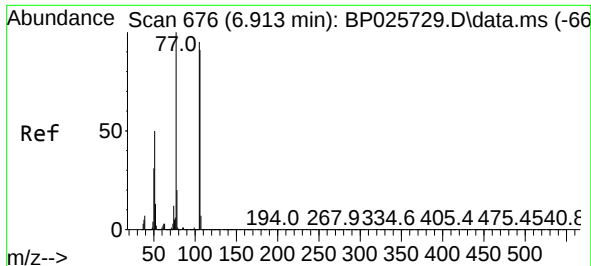
Tgt Ion: 99 Resp: 1459169
Ion Ratio Lower Upper
99 100
42 15.9 15.6 23.4
71 35.0 28.6 43.0



#8
2-Chlorophenol
Concen: 40.592 ng
RT: 7.325 min Scan# 746
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion: 128 Resp: 442549
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 47.8 31.6 71.6

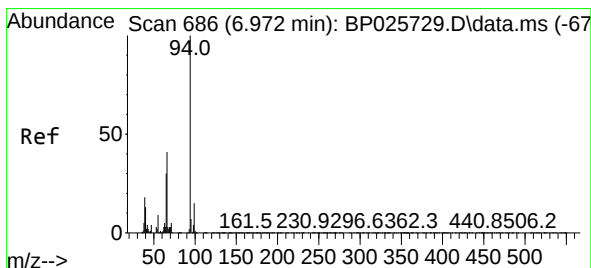
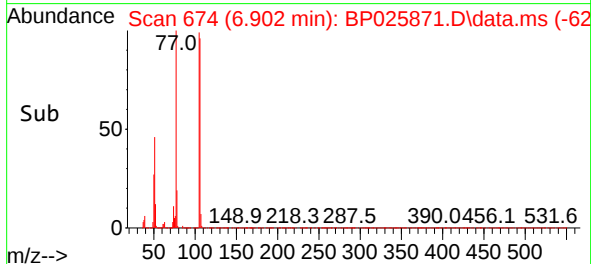
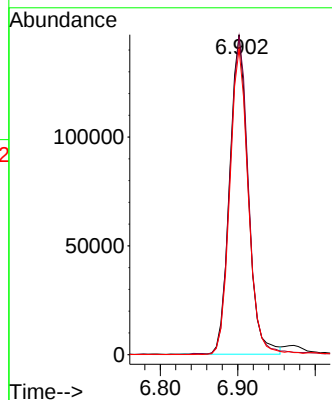
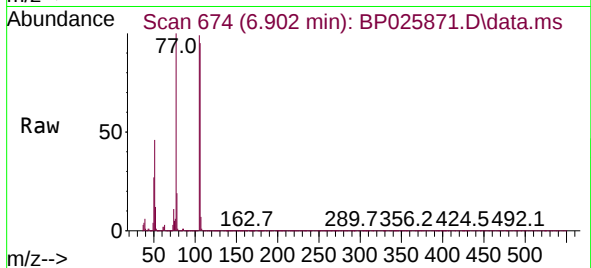




#9
Benzaldehyde
Concen: 30.921 ng
RT: 6.902 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

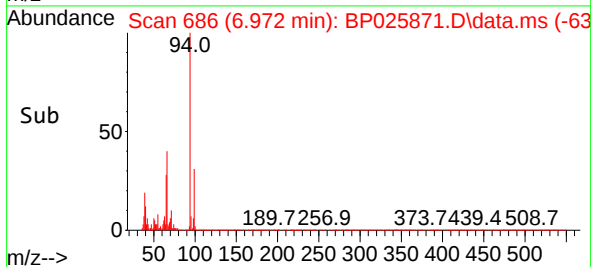
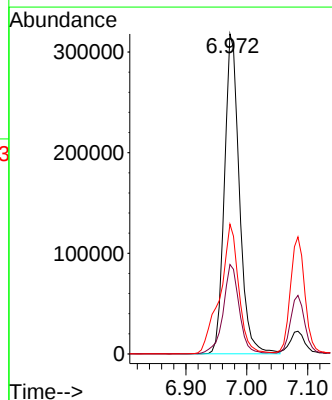
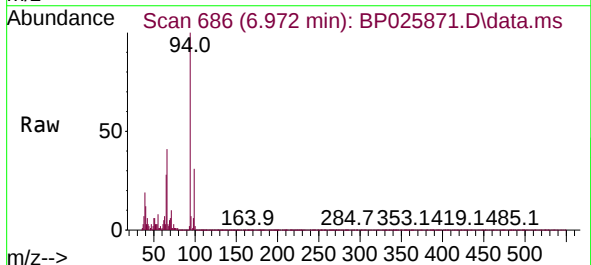
Instrument :
BNA_P
ClientSampleId :
PB169858BS

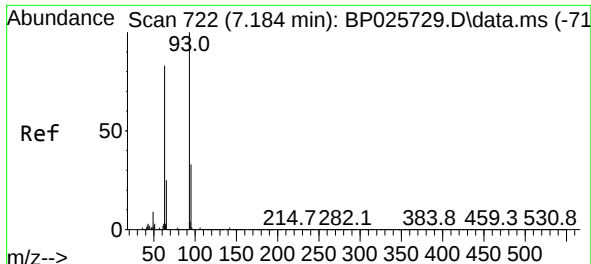
Tgt Ion: 77 Resp: 244818
Ion Ratio Lower Upper
77 100
105 99.3 75.2 115.2
106 95.5 71.3 111.3



#10
Phenol
Concen: 39.003 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion: 94 Resp: 543257
Ion Ratio Lower Upper
94 100
65 27.9 10.2 50.2
66 40.5 21.4 61.4

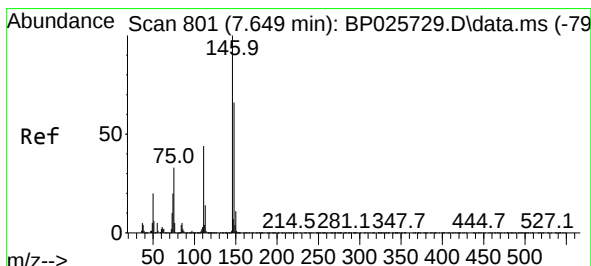
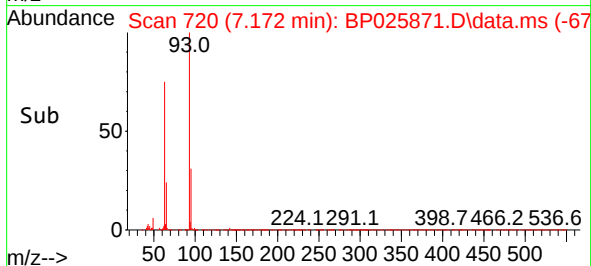
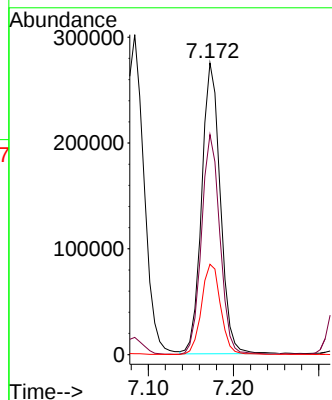
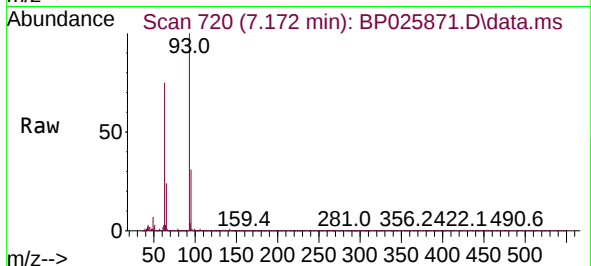




#11
bis(2-Chloroethyl)ether
Concen: 37.269 ng
RT: 7.172 min Scan# 711
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

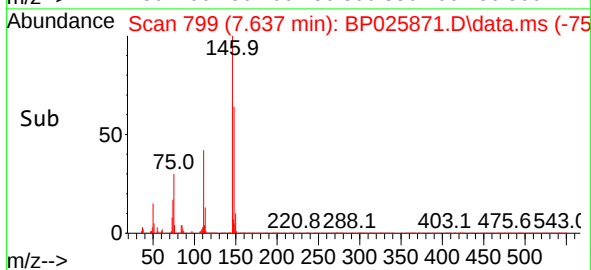
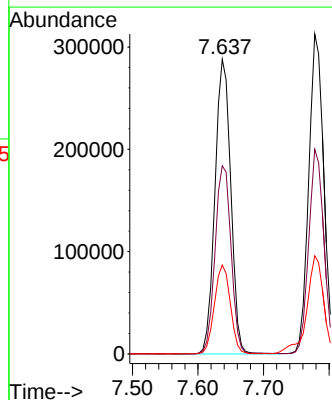
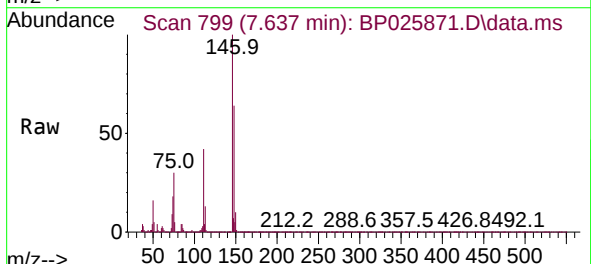
Instrument :
BNA_P
ClientSampleId :
PB169858BS

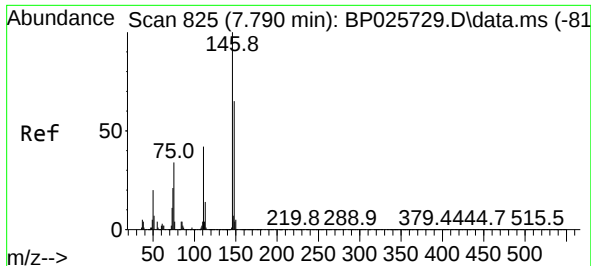
Tgt Ion: 93 Resp: 417060
Ion Ratio Lower Upper
93 100
63 75.5 62.6 102.6
95 31.0 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 38.985 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:146 Resp: 483738
Ion Ratio Lower Upper
146 100
148 63.8 52.7 79.1
75 30.2 26.4 39.6

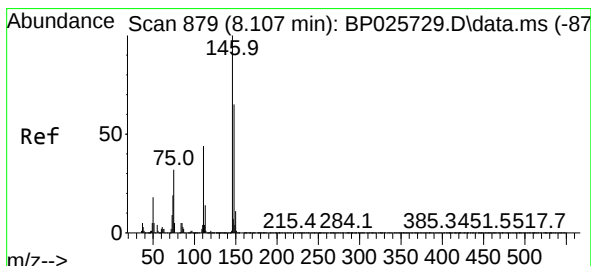
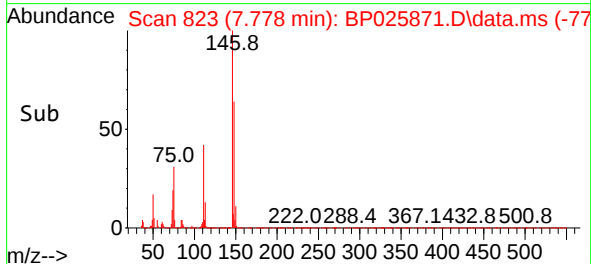
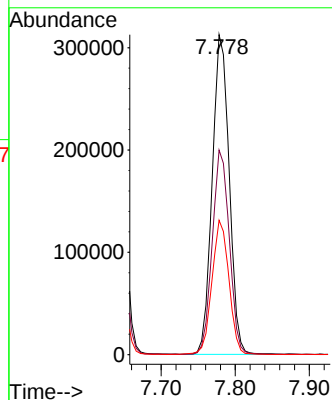
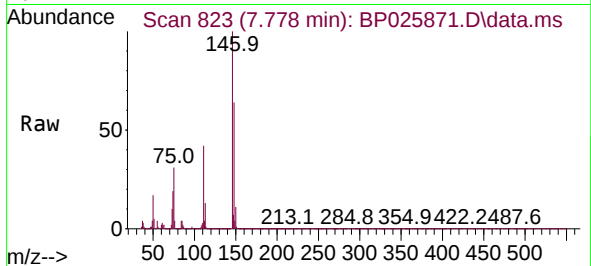




#13
1,4-Dichlorobenzene
Concen: 39.342 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

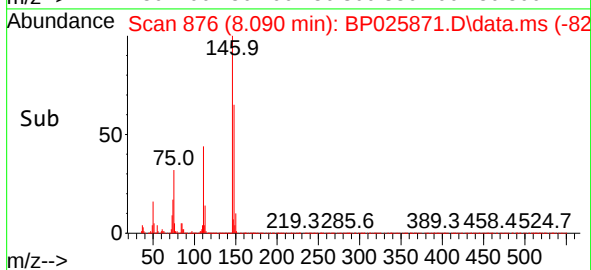
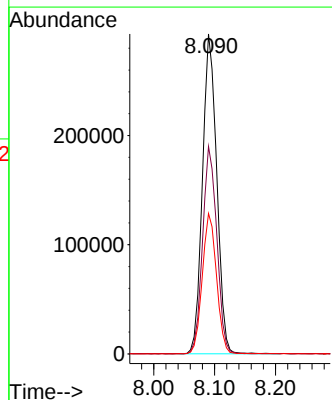
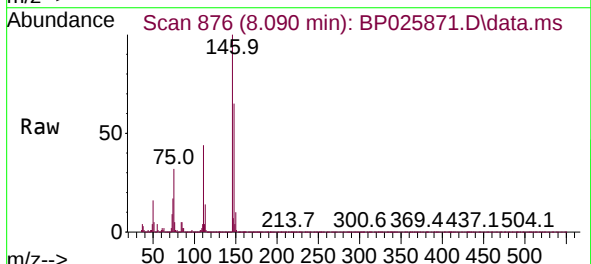
Instrument :
BNA_P
ClientSampleId :
PB169858BS

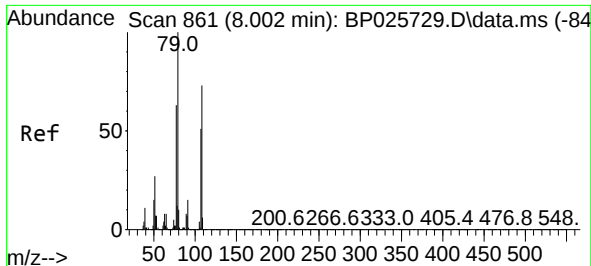
Tgt Ion:146 Resp: 497262
Ion Ratio Lower Upper
146 100
148 63.9 52.0 78.0
111 42.0 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 38.806 ng
RT: 8.090 min Scan# 876
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:146 Resp: 476497
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
111 43.9 35.5 53.3

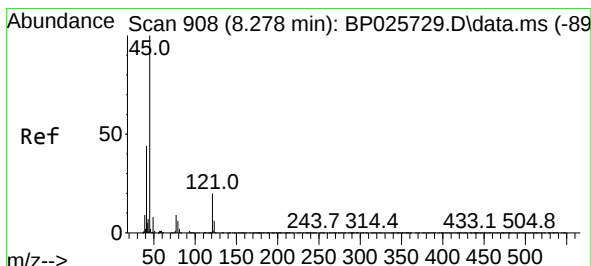
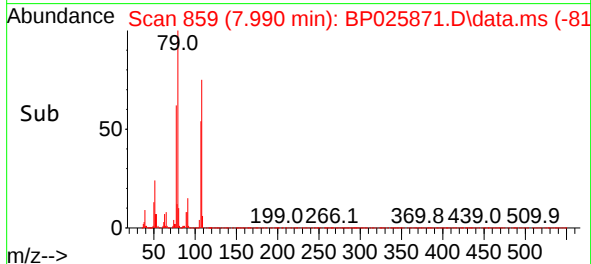
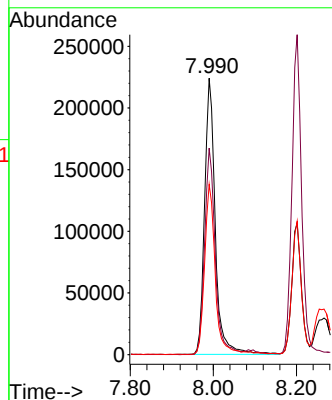
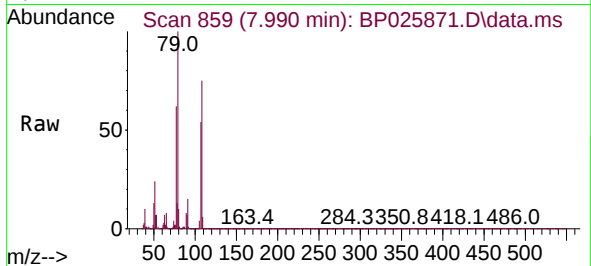




#15
Benzyl Alcohol
Concen: 36.691 ng
RT: 7.990 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

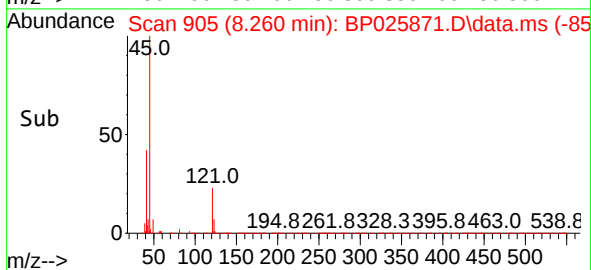
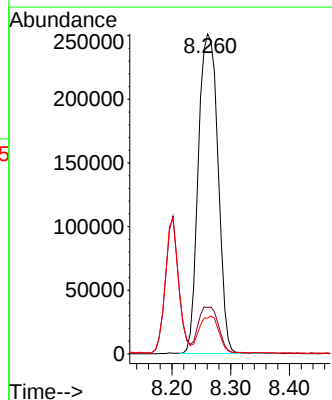
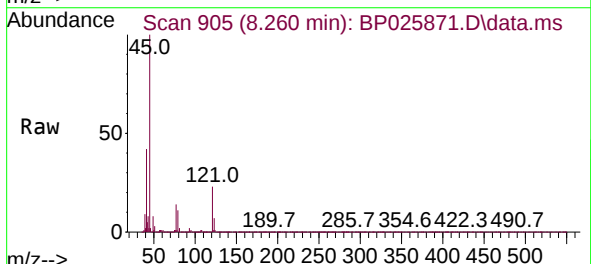
Instrument :
BNA_P
ClientSampleId :
PB169858BS

Tgt Ion: 79 Resp: 400497
Ion Ratio Lower Upper
79 100
108 74.7 58.7 88.1
77 61.7 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.848 ng
RT: 8.260 min Scan# 905
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion: 45 Resp: 582829
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.1
79 11.2 0.0 30.0

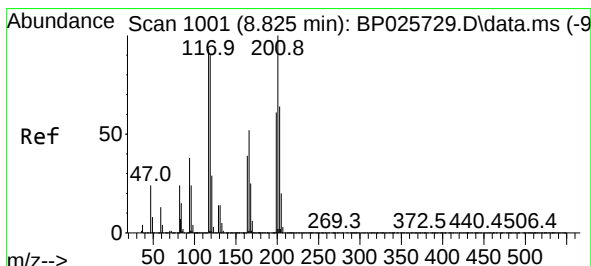
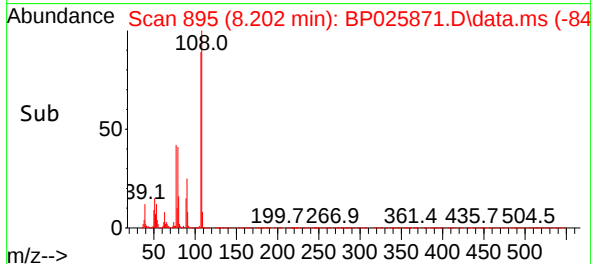
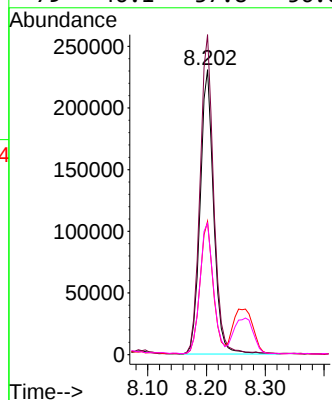
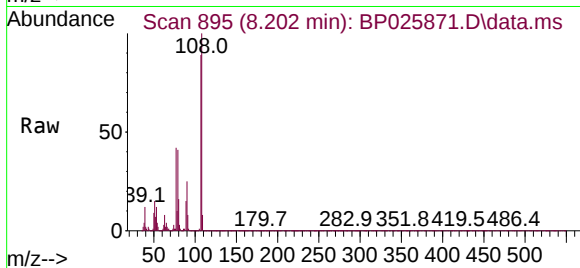




#17
2-Methylphenol
Concen: 39.120 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

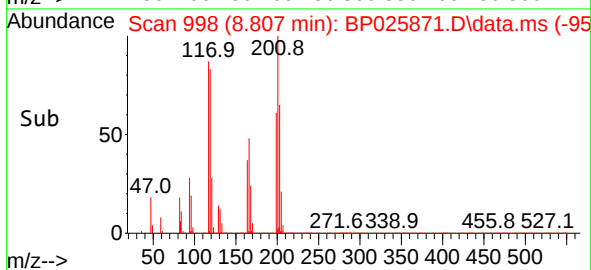
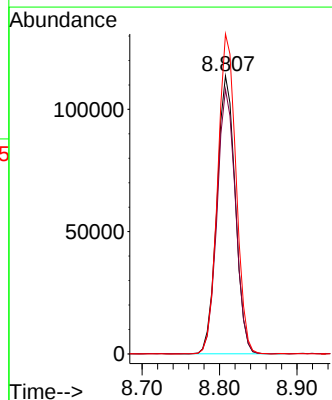
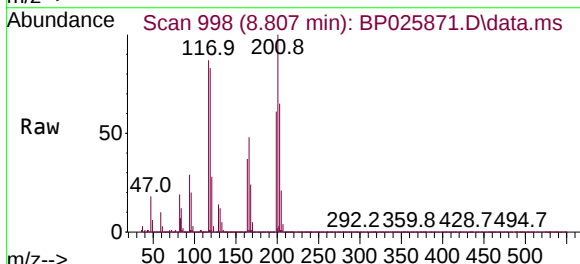
Instrument :
BNA_P
ClientSampleId :
PB169858BS

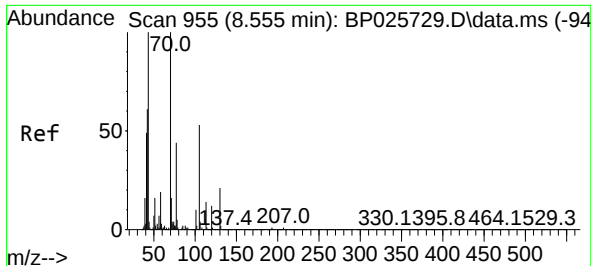
Tgt Ion:	107	Resp:	367363
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.6	134.4
77	46.8	39.3	58.9
79	46.1	37.8	56.6



#18
Hexachloroethane
Concen: 38.676 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:	117	Resp:	186722
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.1	115.7
201	115.1	85.6	128.4





#19

n-Nitroso-di-n-propylamine

Concen: 35.272 ng

RT: 8.543 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

Tgt Ion: 70 Resp: 324976

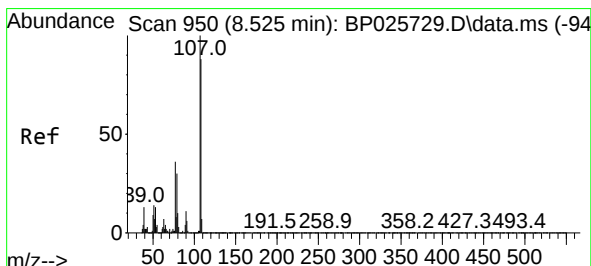
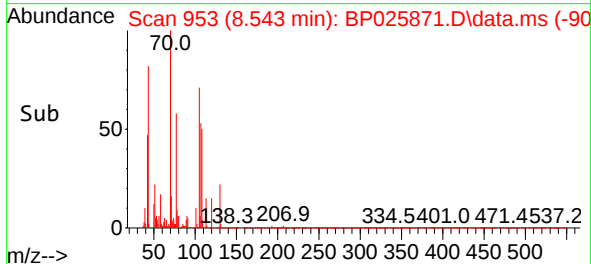
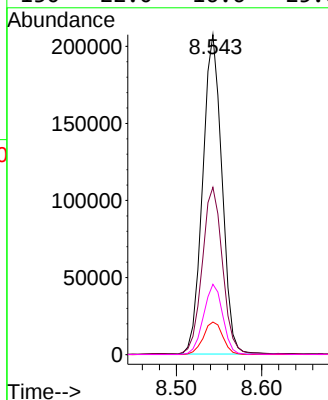
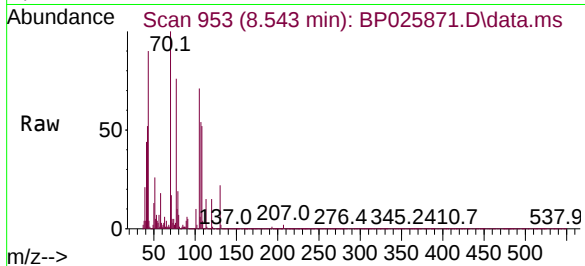
Ion Ratio Lower Upper

70 100

42 52.3 49.0 73.4

101 10.2 7.9 11.9

130 22.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.818 ng

RT: 8.525 min Scan# 950

Delta R.T. 0.000 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Tgt Ion:107 Resp: 497369

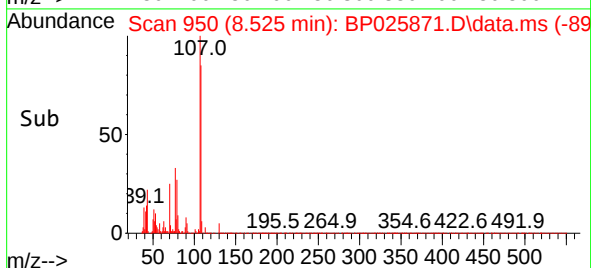
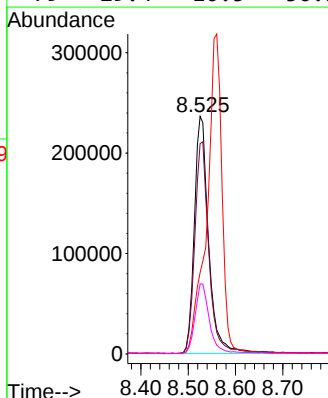
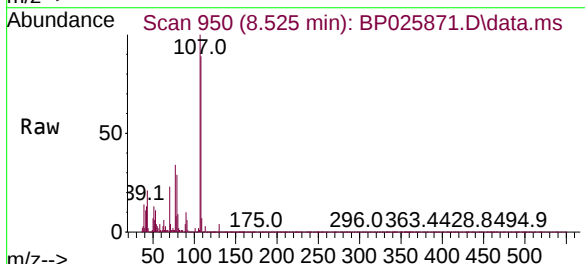
Ion Ratio Lower Upper

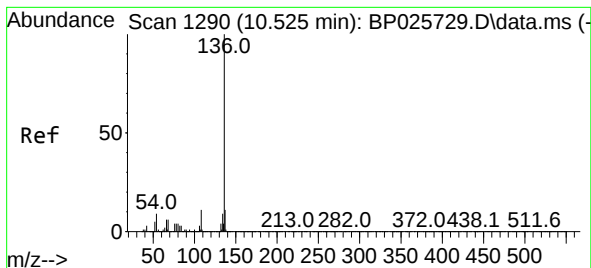
107 100

108 88.5 67.8 107.8

77 34.3 16.1 56.1

79 29.4 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.513 min Scan# 1288

Delta R.T. -0.012 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

Tgt Ion:136 Resp: 612100

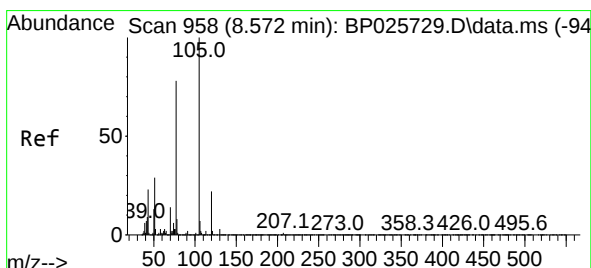
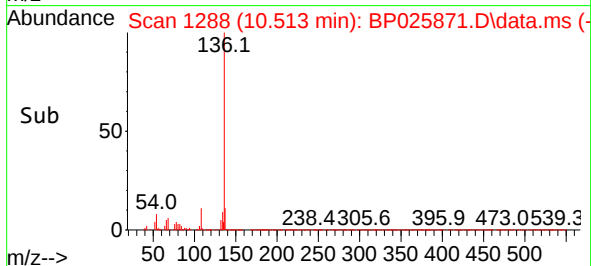
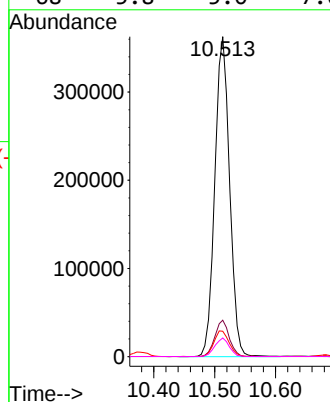
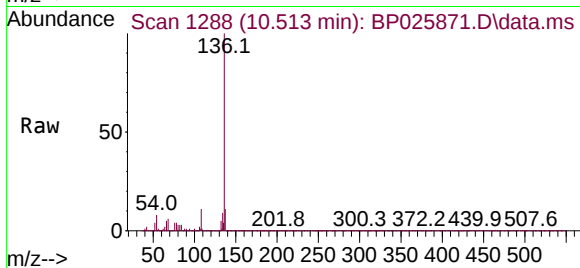
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.9 7.5 11.3

68 5.8 5.0 7.6



#22

Acetophenone

Concen: 43.983 ng

RT: 8.560 min Scan# 956

Delta R.T. -0.012 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Tgt Ion:105 Resp: 719463

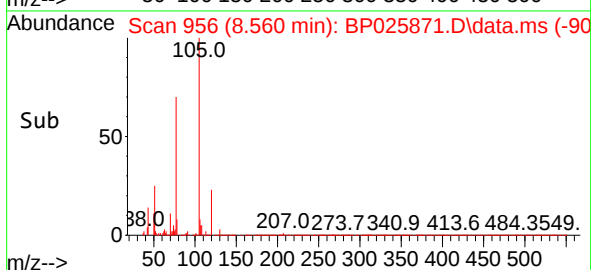
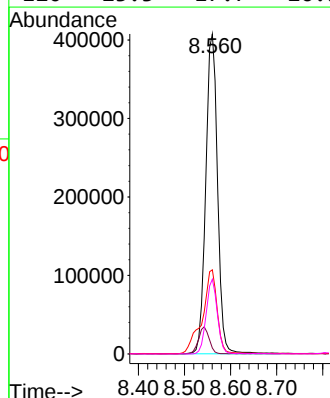
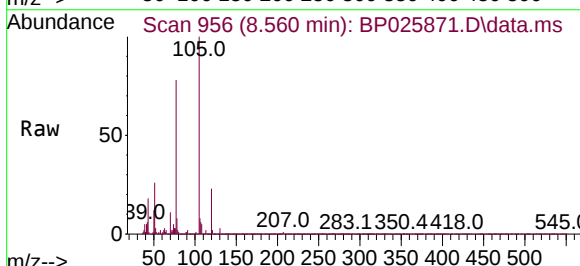
Ion Ratio Lower Upper

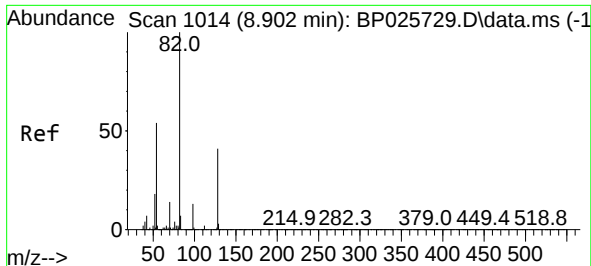
105 100

71 1.8 1.8 2.8

51 26.3 23.5 35.3

120 23.3 17.7 26.5

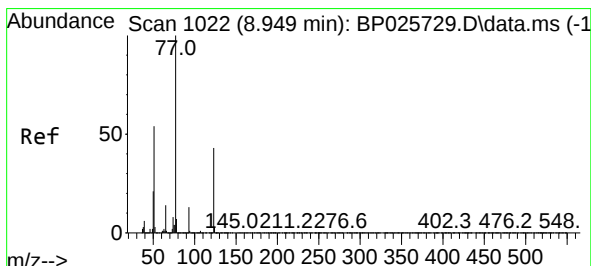
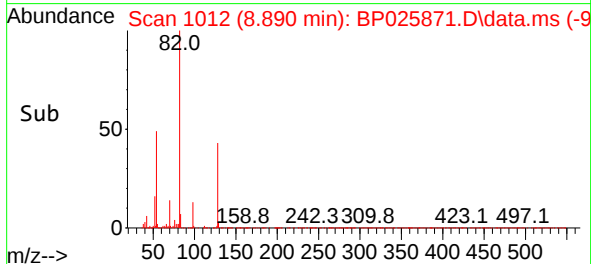
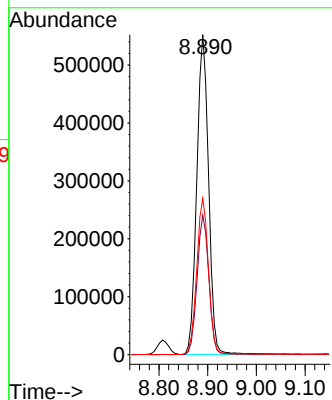
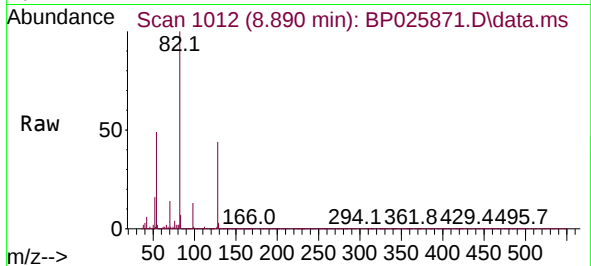




#23
Nitrobenzene-d5
Concen: 66.618 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

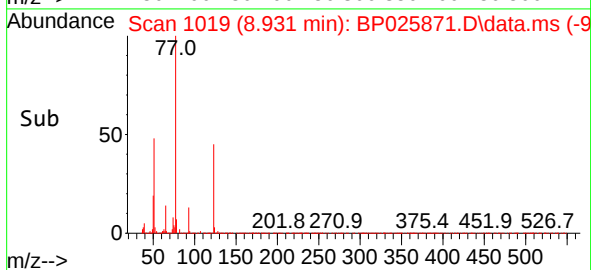
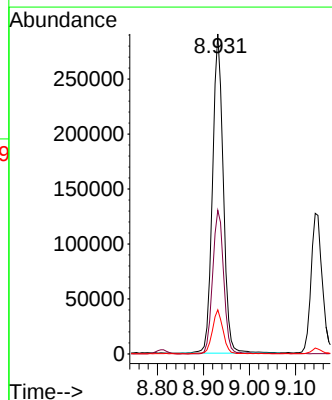
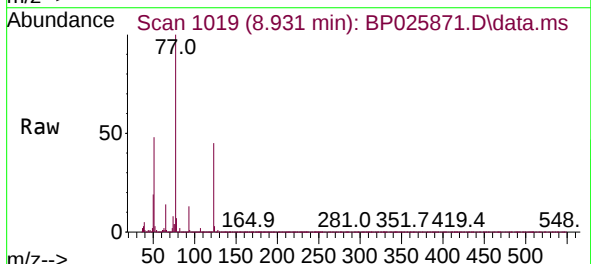
Instrument :
BNA_P
ClientSampleId :
PB169858BS

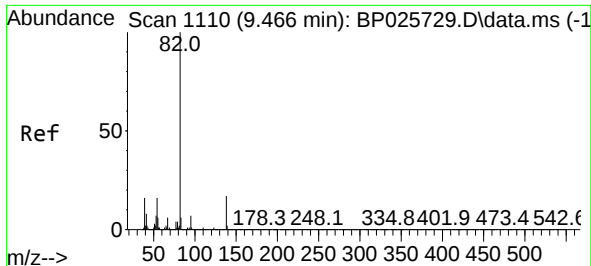
Tgt Ion: 82 Resp: 924409
Ion Ratio Lower Upper
82 100
128 43.5 32.9 49.3
54 48.8 43.4 65.2



#24
Nitrobenzene
Concen: 37.927 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion: 77 Resp: 472138
Ion Ratio Lower Upper
77 100
123 44.9 34.4 51.6
65 13.8 10.8 16.2

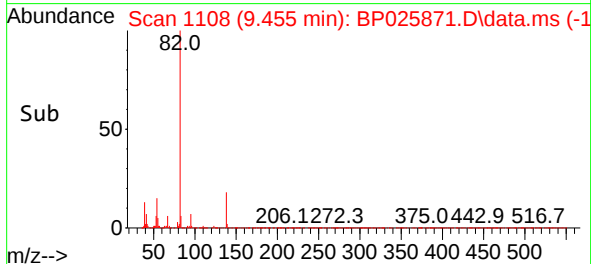
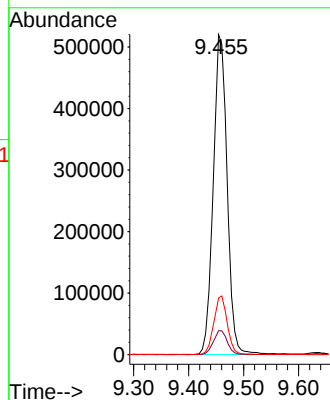
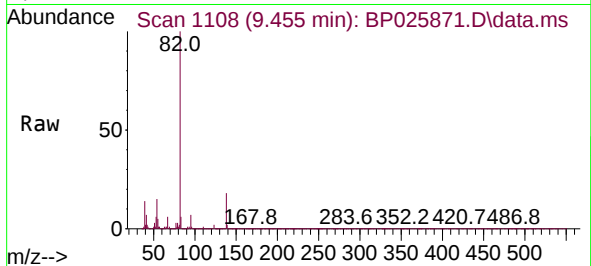




#25
Isophorone
Concen: 37.315 ng
RT: 9.455 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

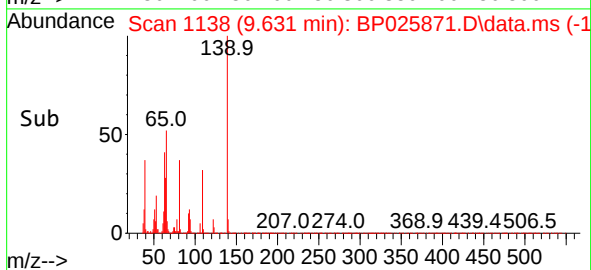
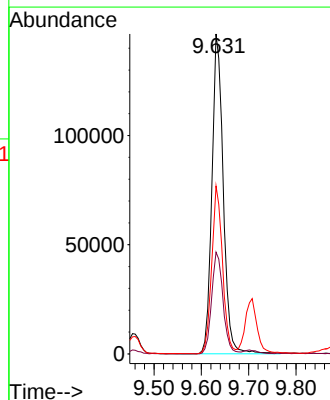
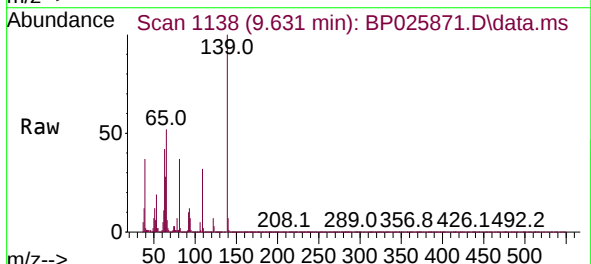
Instrument :
BNA_P
ClientSampleId :
PB169858BS

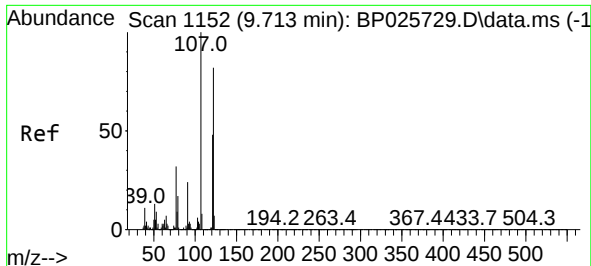
Tgt Ion: 82 Resp: 910130
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 17.7 13.5 20.3



#26
2-Nitrophenol
Concen: 44.265 ng
RT: 9.631 min Scan# 1138
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion: 139 Resp: 244651
Ion Ratio Lower Upper
139 100
109 31.8 29.0 43.4
65 52.5 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 41.889 ng

RT: 9.707 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

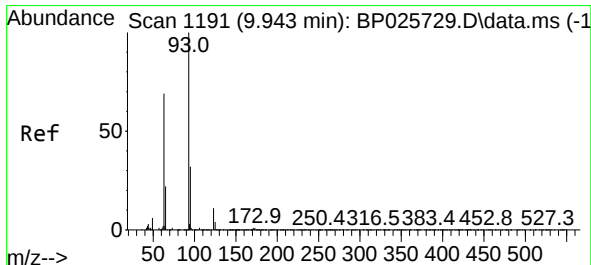
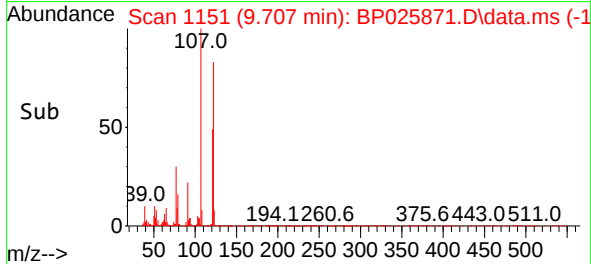
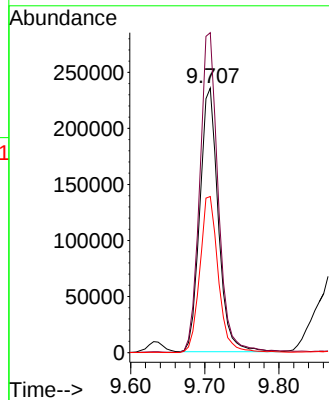
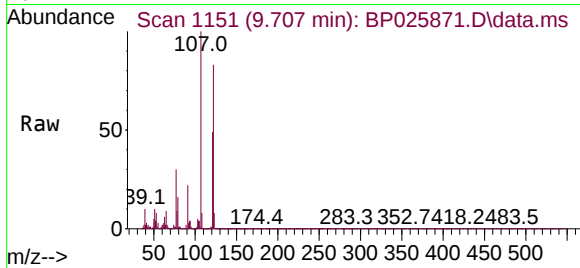
Tgt Ion:122 Resp: 406161

Ion Ratio Lower Upper

122 100

107 120.9 97.9 146.9

121 59.0 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.454 ng

RT: 9.925 min Scan# 1188

Delta R.T. -0.018 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

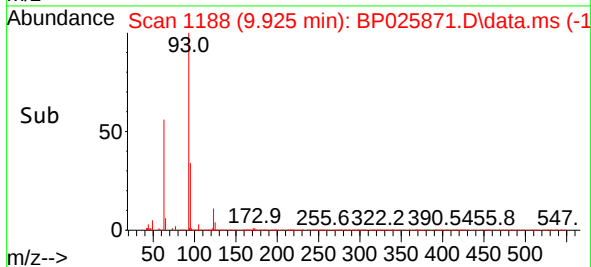
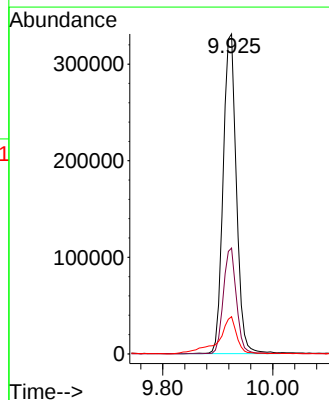
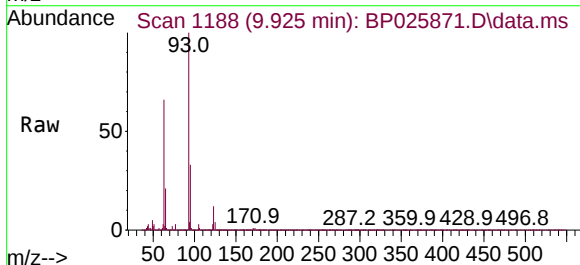
Tgt Ion: 93 Resp: 556250

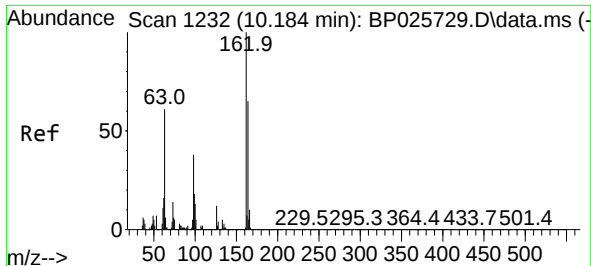
Ion Ratio Lower Upper

93 100

95 33.1 25.6 38.4

123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.826 ng

RT: 10.190 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

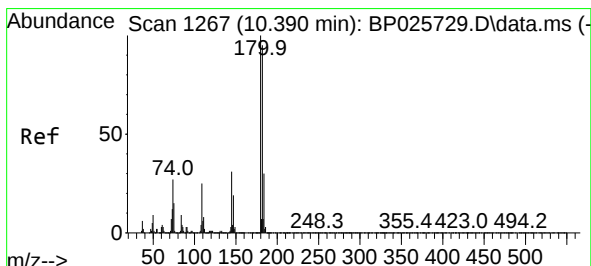
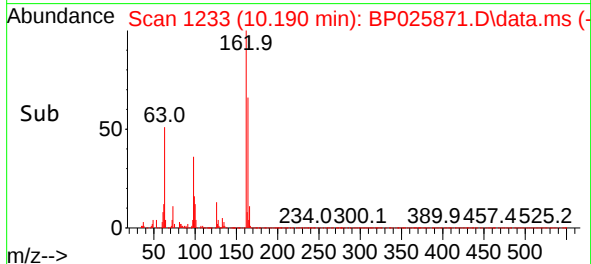
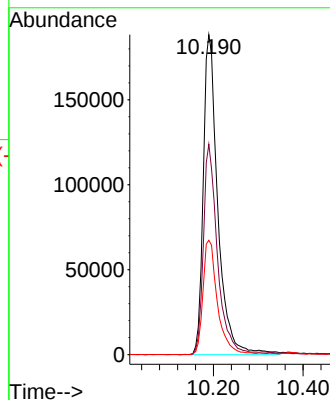
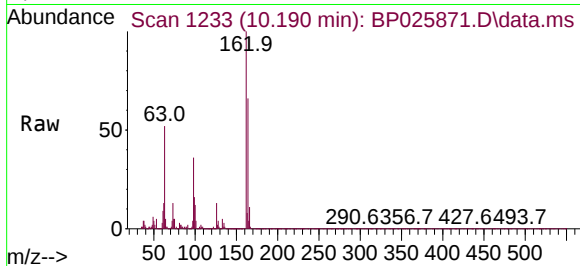
Tgt Ion:162 Resp: 423687

Ion Ratio Lower Upper

162 100

164 65.7 44.7 84.7

98 35.7 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 42.482 ng

RT: 10.378 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

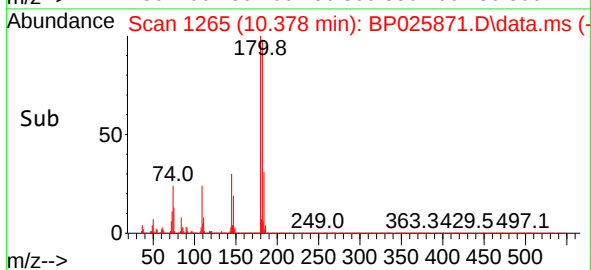
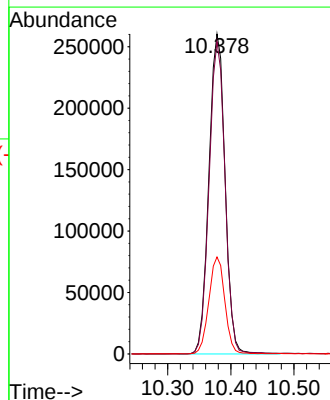
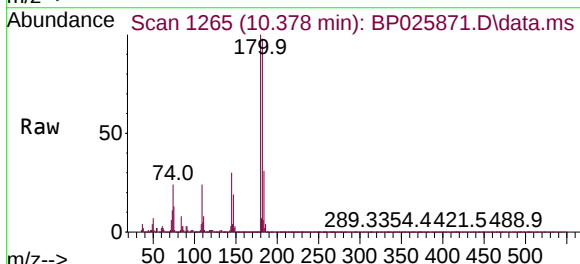
Tgt Ion:180 Resp: 462850

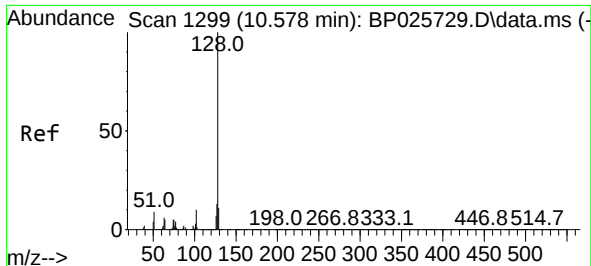
Ion Ratio Lower Upper

180 100

182 97.6 76.0 114.0

145 30.3 24.7 37.1

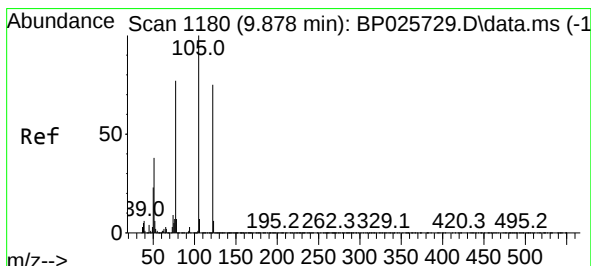
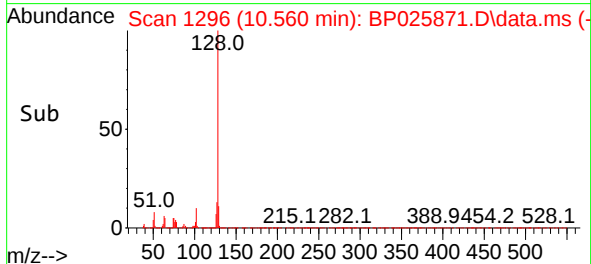
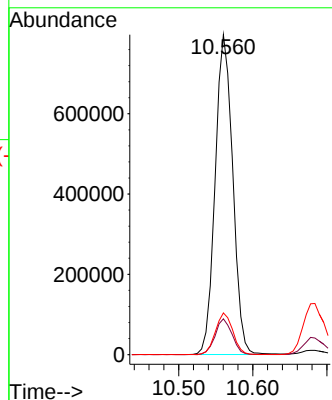
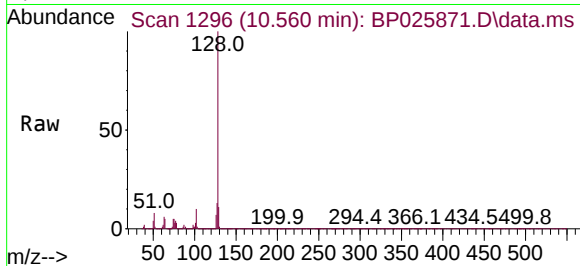




#31
Naphthalene
Concen: 39.774 ng
RT: 10.560 min Scan# 111
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

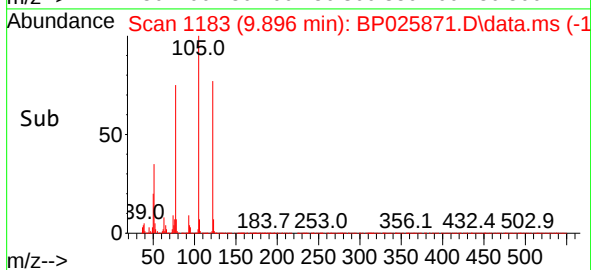
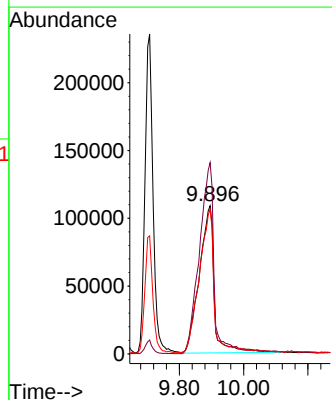
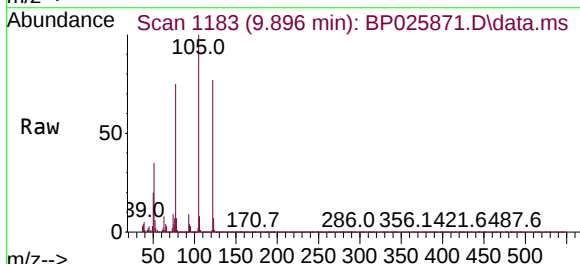
Instrument :
BNA_P
ClientSampleId :
PB169858BS

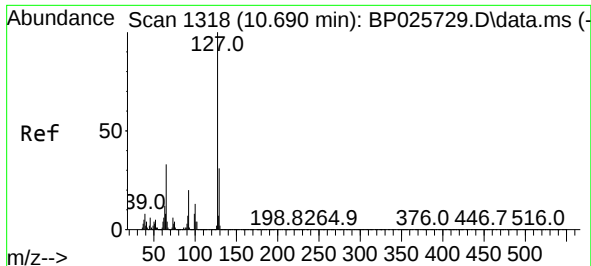
Tgt Ion:128 Resp: 1312727
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 48.589 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:122 Resp: 350270
Ion Ratio Lower Upper
122 100
105 129.2 111.5 151.5
77 97.5 81.8 121.8

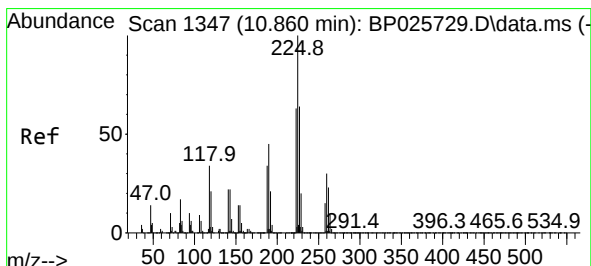
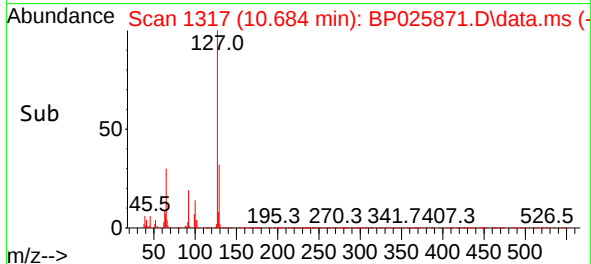
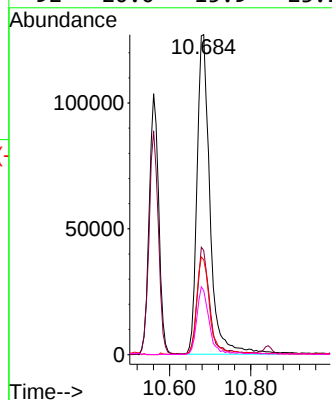
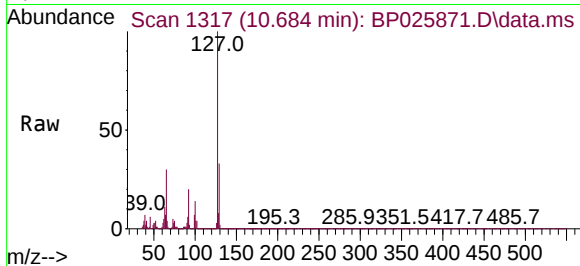




#33
4-Chloroaniline
Concen: 20.446 ng
RT: 10.684 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

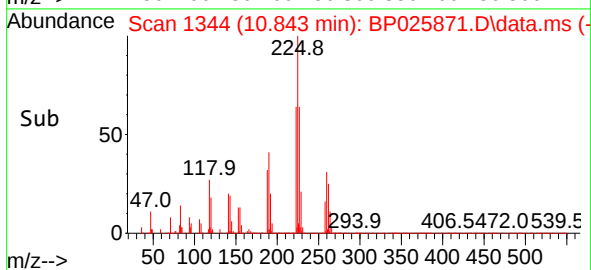
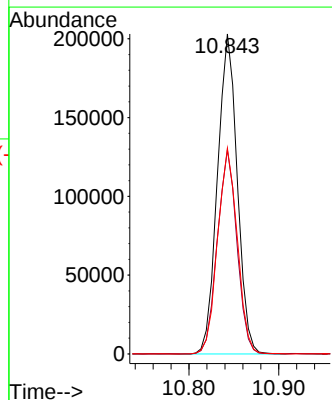
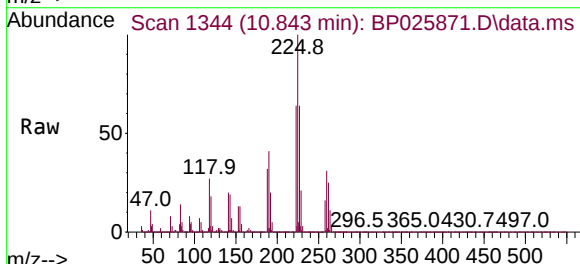
Instrument :
BNA_P
ClientSampleId :
PB169858BS

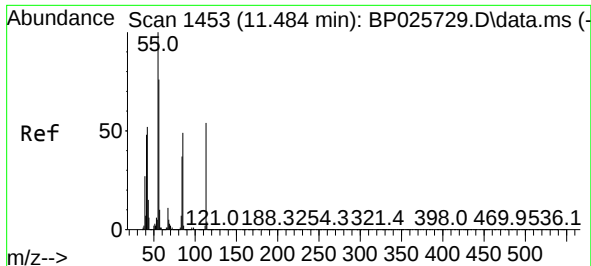
Tgt Ion:	127	Resp:	281269
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.1	37.7
65	29.7	26.4	39.6
92	20.0	15.9	23.9



#34
Hexachlorobutadiene
Concen: 44.426 ng
RT: 10.843 min Scan# 1344
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:	225	Resp:	311594
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.1	75.1
227	64.3	51.2	76.8

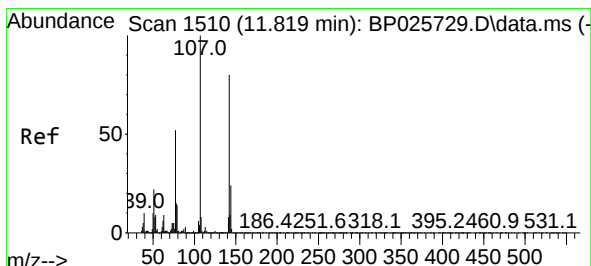
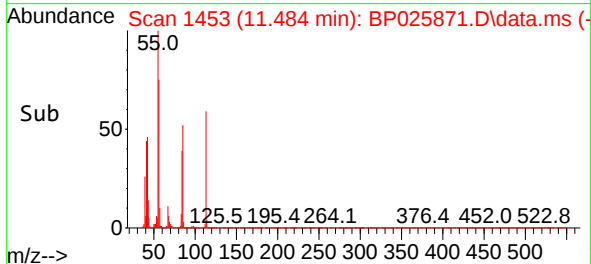
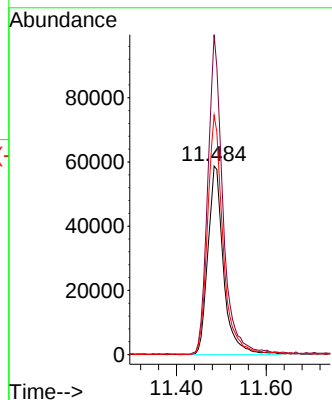
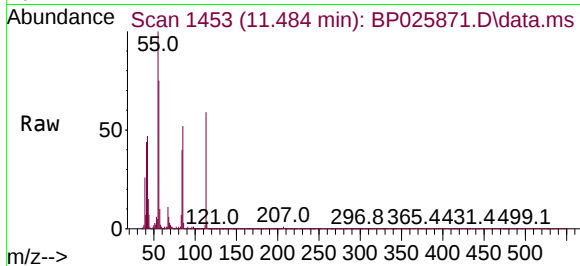




#35
Caprolactam
Concen: 38.046 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

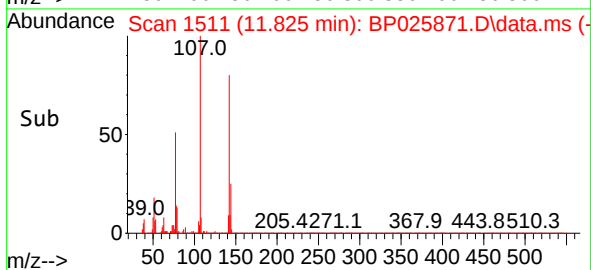
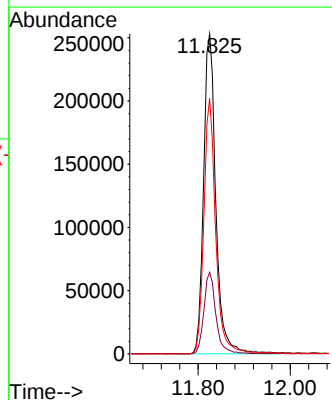
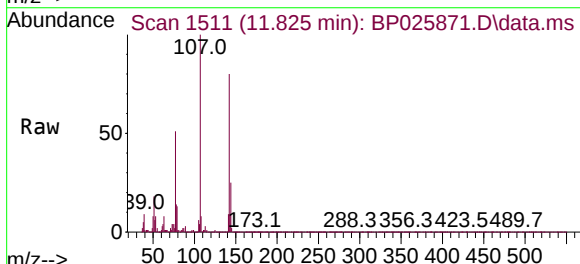
Instrument :
BNA_P
ClientSampleId :
PB169858BS

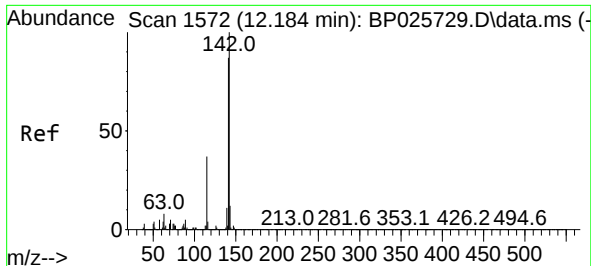
Tgt Ion:113 Resp: 141786
Ion Ratio Lower Upper
113 100
55 169.7 165.5 205.5
56 127.1 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 40.390 ng
RT: 11.825 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:107 Resp: 465525
Ion Ratio Lower Upper
107 100
144 25.5 19.4 29.2
142 79.9 63.8 95.6

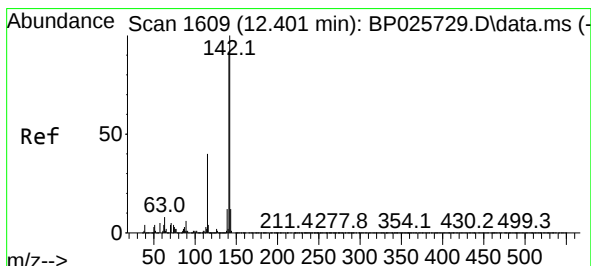
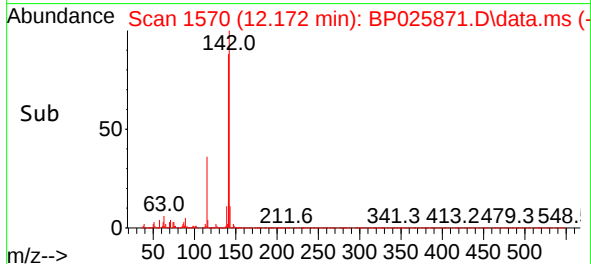
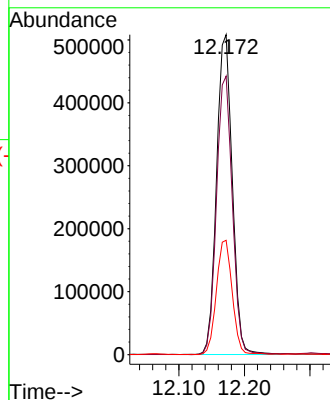
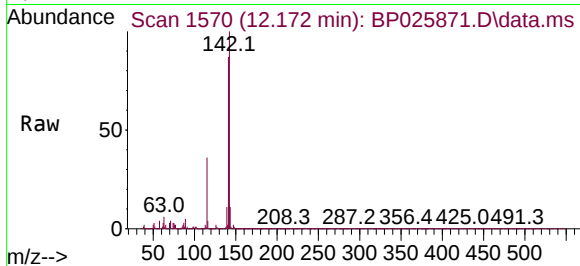




#37
2-Methylnaphthalene
Concen: 40.059 ng
RT: 12.172 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

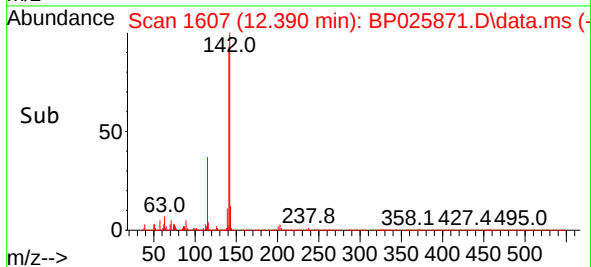
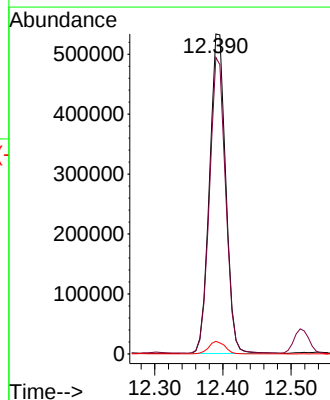
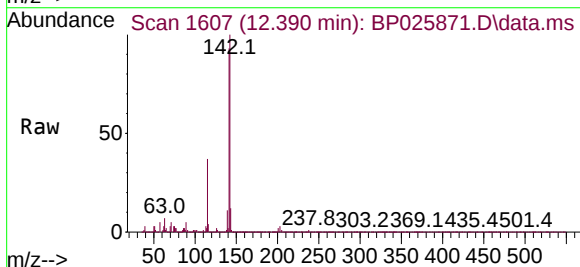
Instrument :
BNA_P
ClientSampleId :
PB169858BS

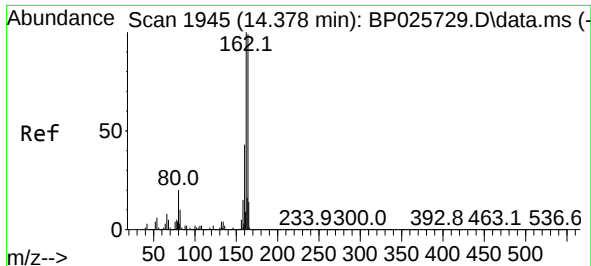
Tgt Ion:142 Resp: 849194
Ion Ratio Lower Upper
142 100
141 87.0 69.6 104.4
115 35.8 30.0 45.0



#38
1-Methylnaphthalene
Concen: 38.765 ng
RT: 12.390 min Scan# 1607
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:142 Resp: 876297
Ion Ratio Lower Upper
142 100
141 92.6 72.7 109.1
116 3.9 3.5 5.3

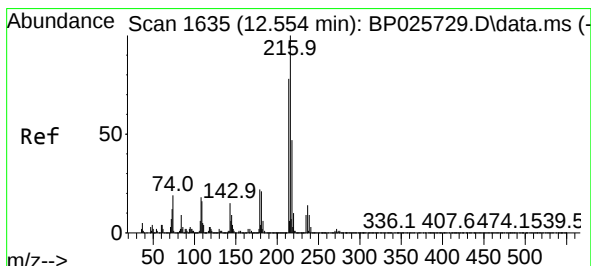
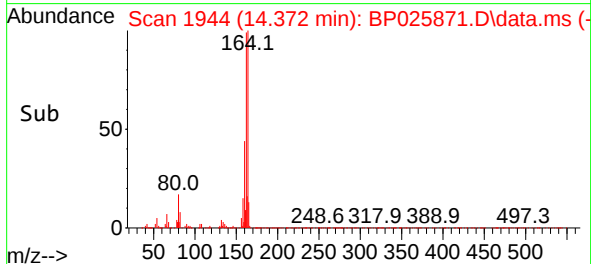
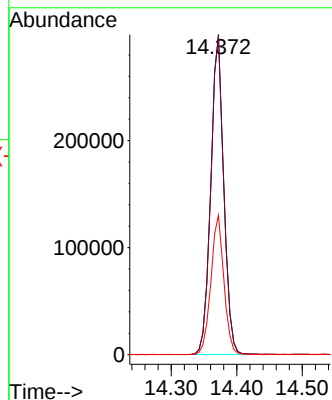
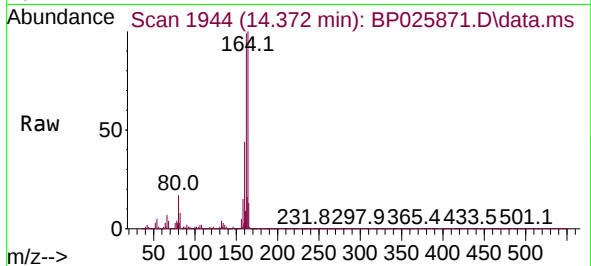




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

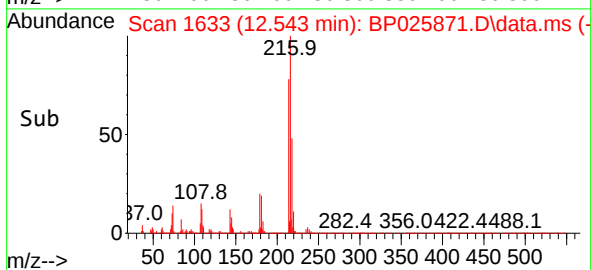
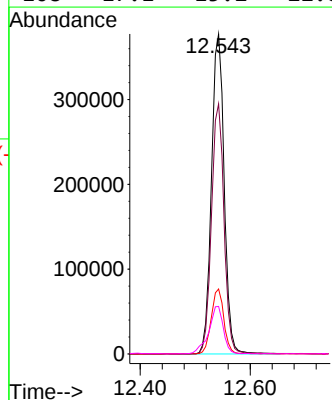
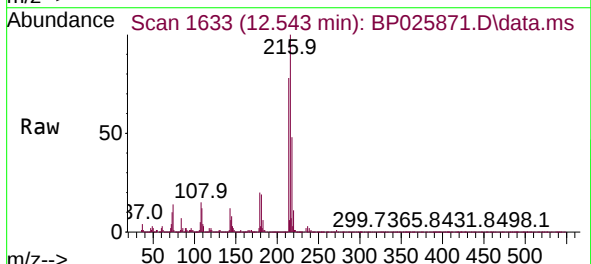
Instrument :
BNA_P
ClientSampleId :
PB169858BS

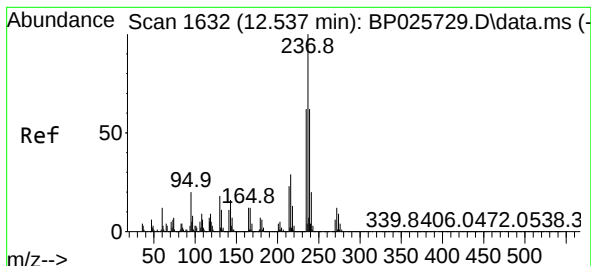
Tgt Ion:164 Resp: 410962
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 43.5 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.497 ng
RT: 12.543 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:216 Resp: 603941
Ion Ratio Lower Upper
216 100
214 77.3 62.4 93.6
179 20.3 17.0 25.6
108 17.1 15.2 22.8

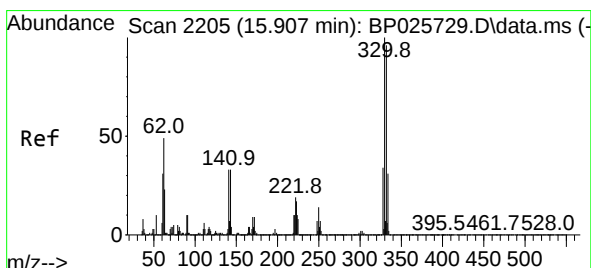
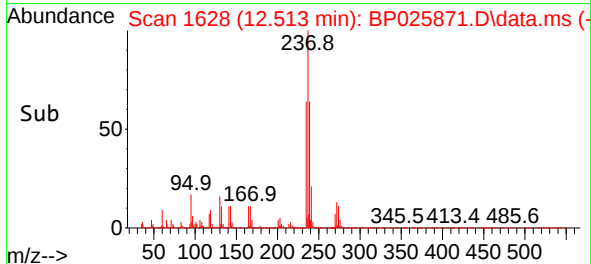
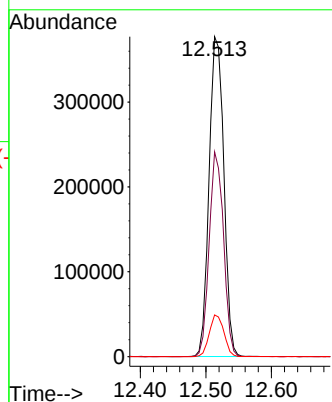
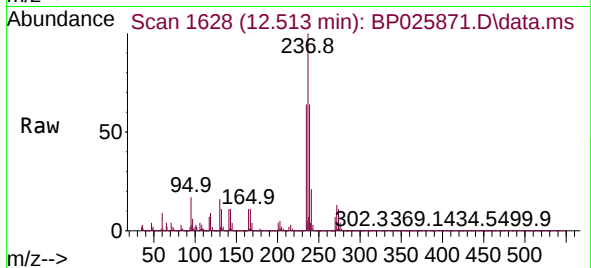




#41
Hexachlorocyclopentadiene
Concen: 86.706 ng
RT: 12.513 min Scan# 1628
Delta R.T. -0.024 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

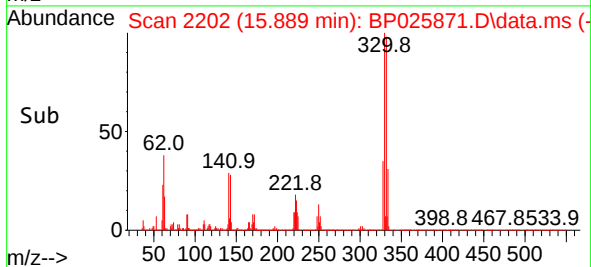
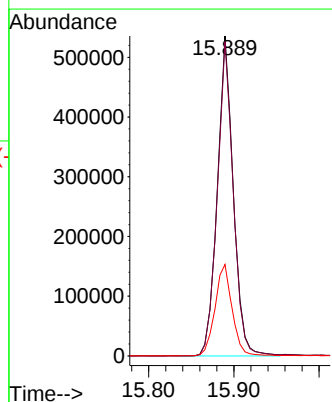
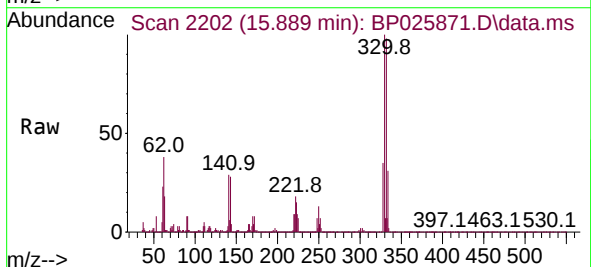
Instrument :
BNA_P
ClientSampleId :
PB169858BS

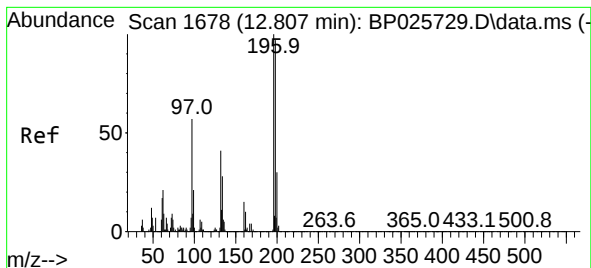
Tgt Ion:237 Resp: 588081
Ion Ratio Lower Upper
237 100
235 64.0 41.9 81.9
272 13.0 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 136.446 ng
RT: 15.889 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:330 Resp: 699413
Ion Ratio Lower Upper
330 100
332 98.3 76.9 115.3
141 30.6 31.0 46.4#





#43

2,4,6-Trichlorophenol

Concen: 44.027 ng

RT: 12.796 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

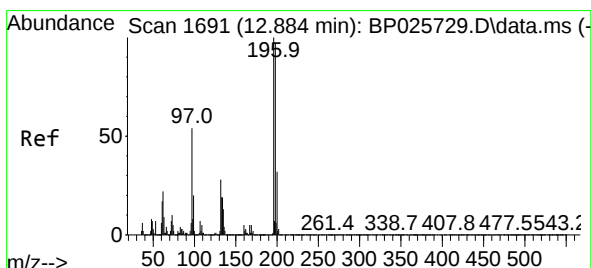
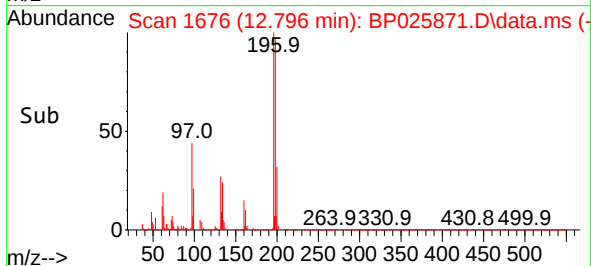
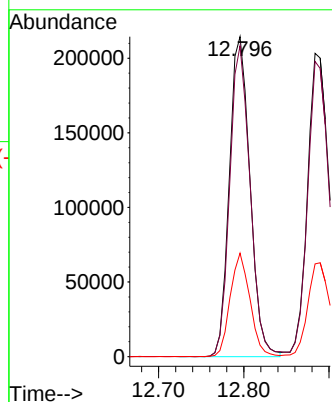
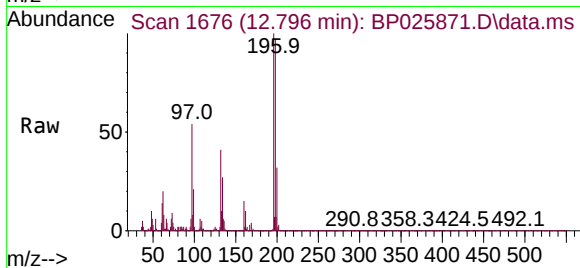
Tgt Ion:196 Resp: 360436

Ion Ratio Lower Upper

196 100

198 97.1 77.2 115.8

200 32.3 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 43.351 ng

RT: 12.884 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Tgt Ion:196 Resp: 394983

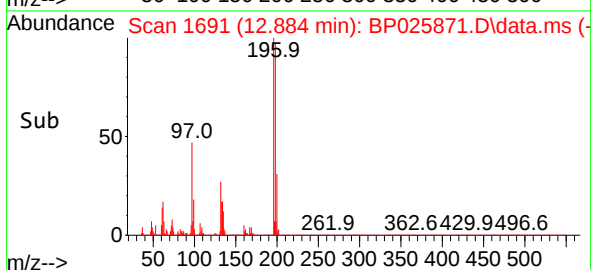
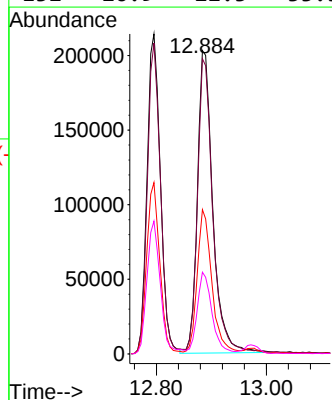
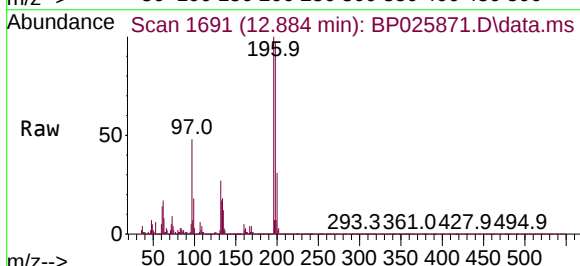
Ion Ratio Lower Upper

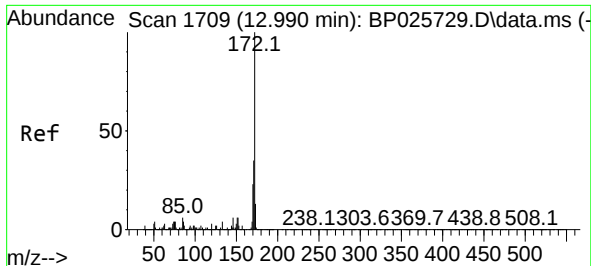
196 100

198 97.3 77.8 116.8

97 47.6 43.3 64.9

132 26.9 22.3 33.5

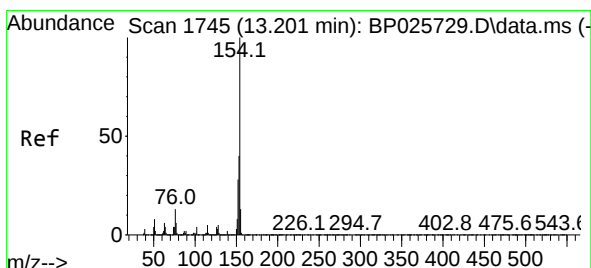
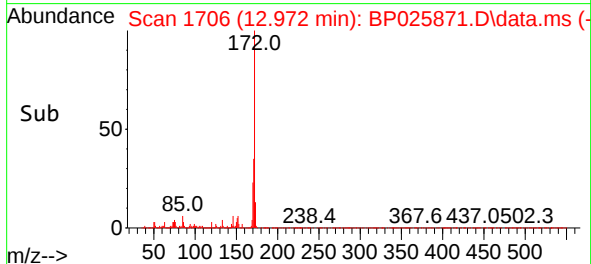
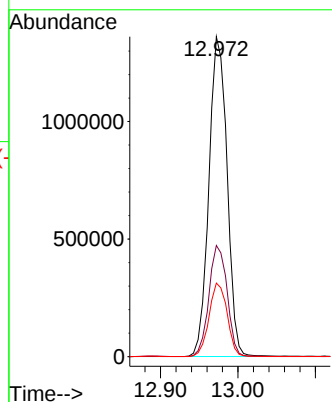
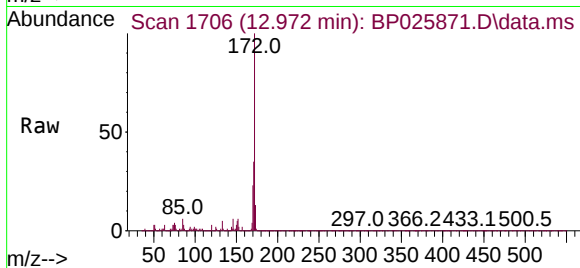




#45
2-Fluorobiphenyl
Concen: 71.872 ng
RT: 12.972 min Scan# 1706
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

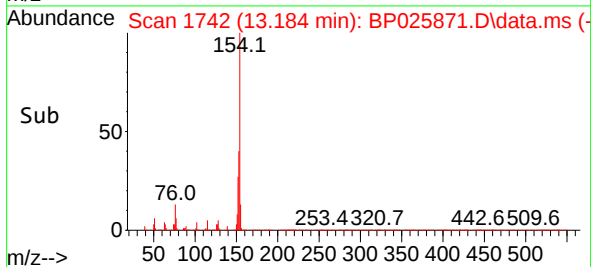
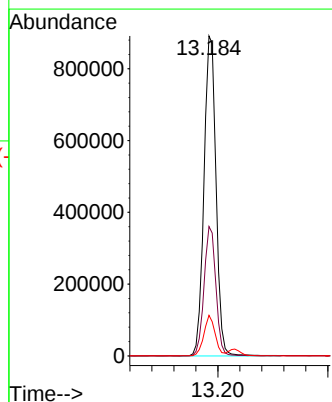
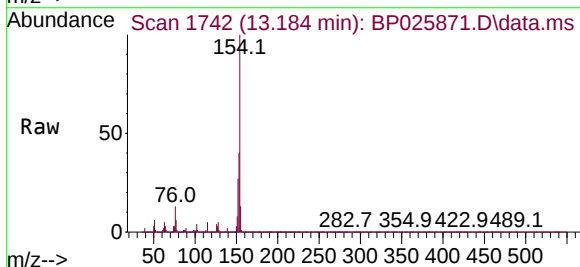
Instrument :
BNA_P
ClientSampleId :
PB169858BS

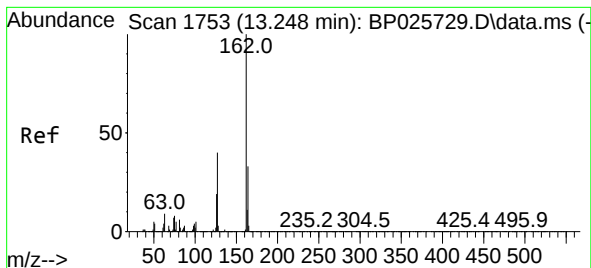
Tgt Ion:172 Resp: 2218294
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 44.876 ng
RT: 13.184 min Scan# 1742
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:154 Resp: 1353668
Ion Ratio Lower Upper
154 100
153 40.4 19.7 59.7
76 12.7 0.0 33.3

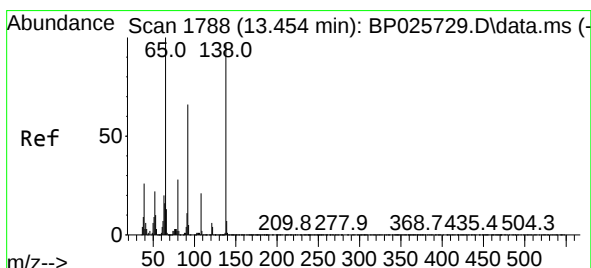
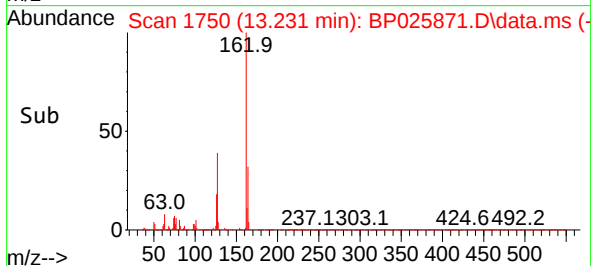
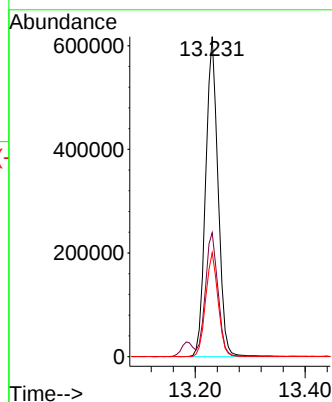
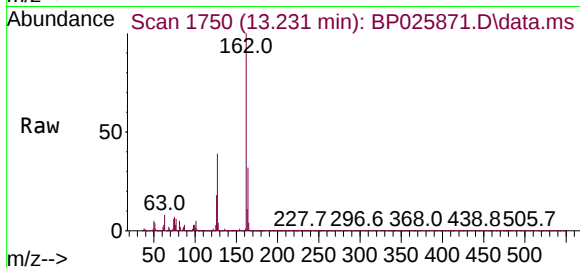




#47
2-Chloronaphthalene
Concen: 40.621 ng
RT: 13.231 min Scan# 1750
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

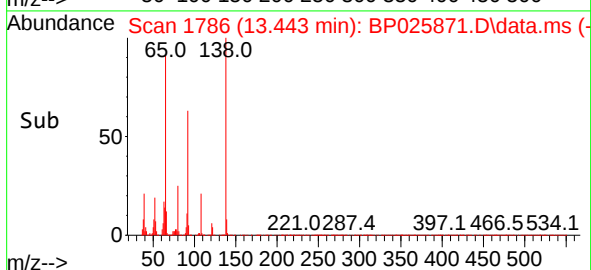
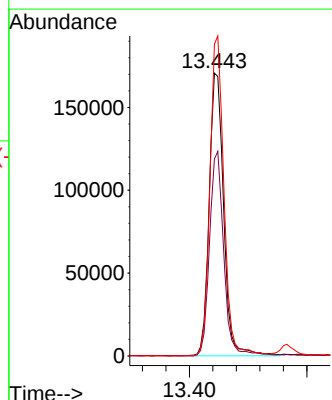
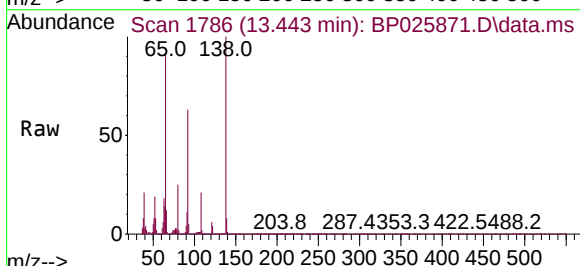
Instrument :
BNA_P
ClientSampleId :
PB169858BS

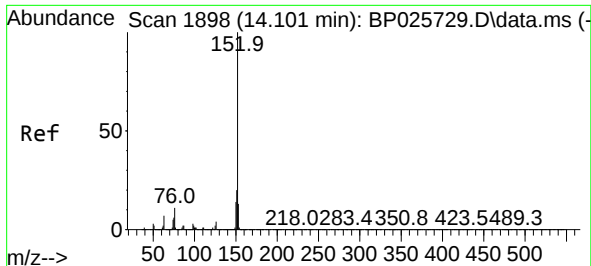
Tgt Ion:162 Resp: 964825
Ion Ratio Lower Upper
162 100
127 38.7 32.2 48.4
164 32.5 26.5 39.7



#48
2-Nitroaniline
Concen: 36.958 ng
RT: 13.443 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion: 65 Resp: 292612
Ion Ratio Lower Upper
65 100
92 69.7 53.1 79.7
138 110.3 77.8 116.8

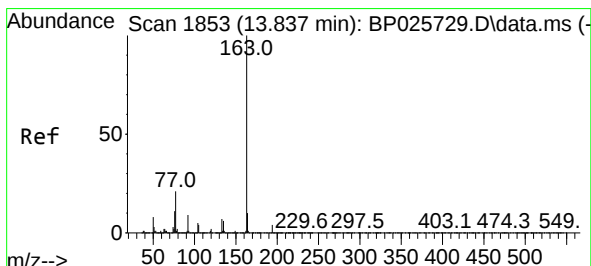
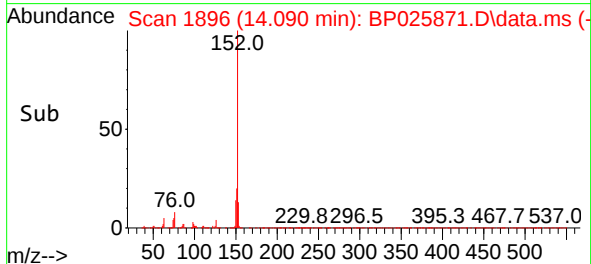
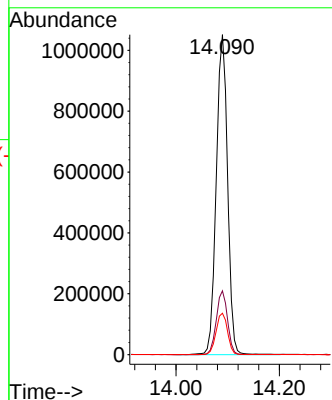
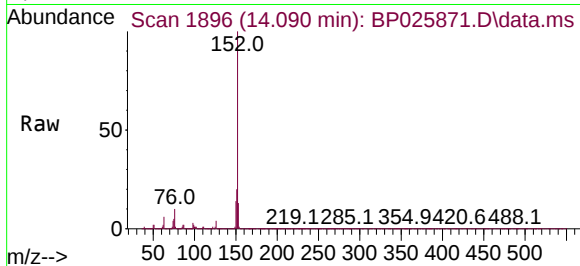




#49
Acenaphthylene
Concen: 40.663 ng
RT: 14.090 min Scan# 1896
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

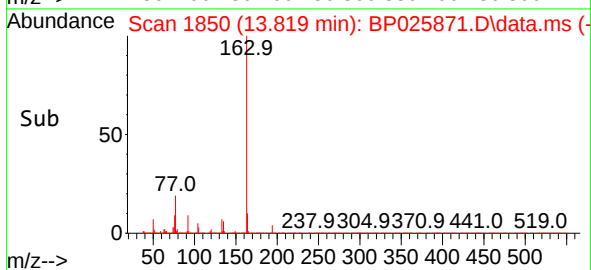
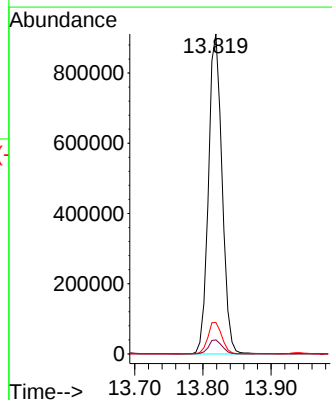
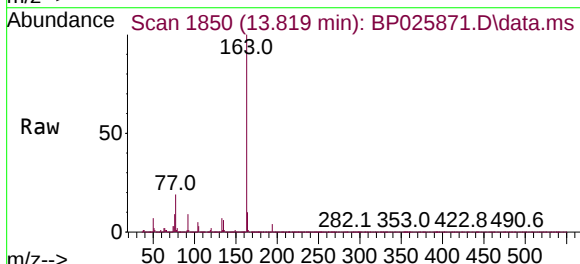
Instrument :
BNA_P
ClientSampleId :
PB169858BS

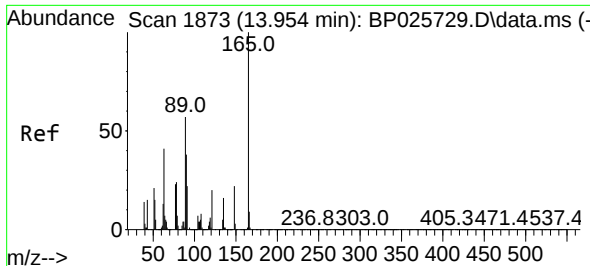
Tgt Ion:152 Resp: 1600243
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 40.215 ng
RT: 13.819 min Scan# 1850
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:163 Resp: 1261772
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.8 8.2 12.2

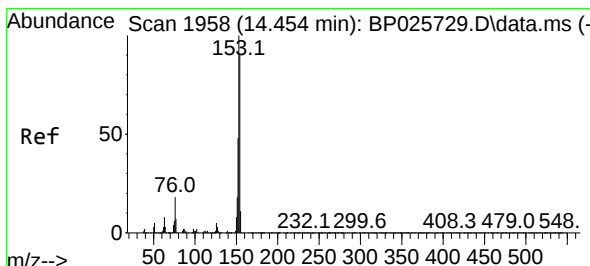
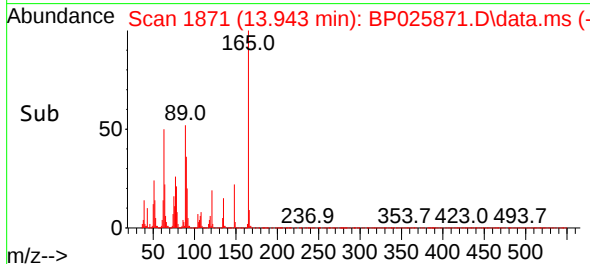
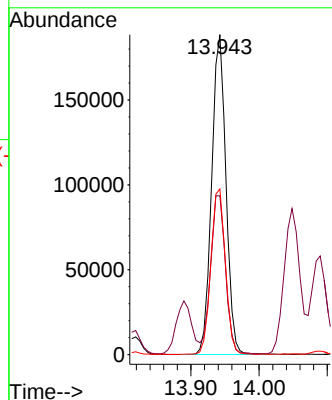
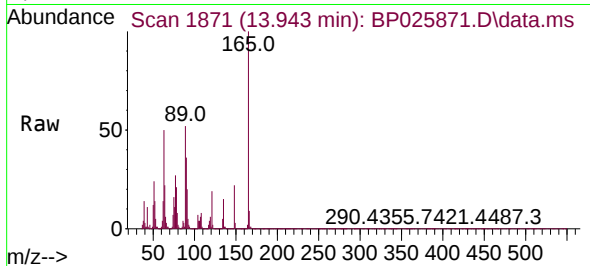




#51
2,6-Dinitrotoluene
Concen: 41.241 ng
RT: 13.943 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

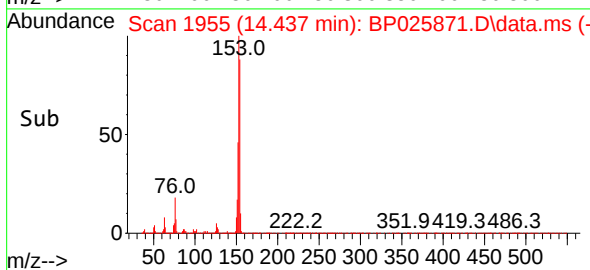
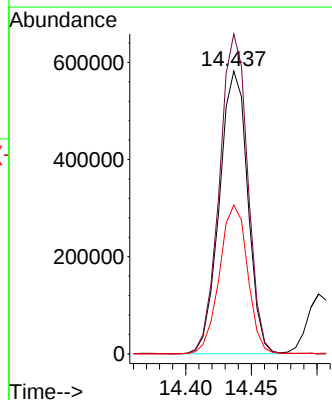
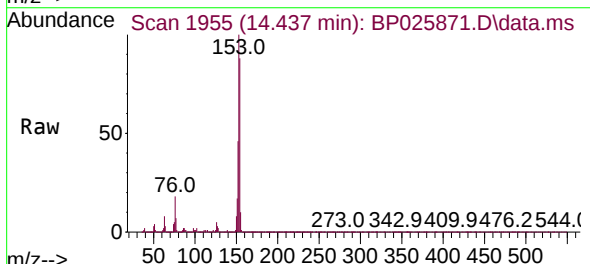
Instrument :
BNA_P
ClientSampleId :
PB169858BS

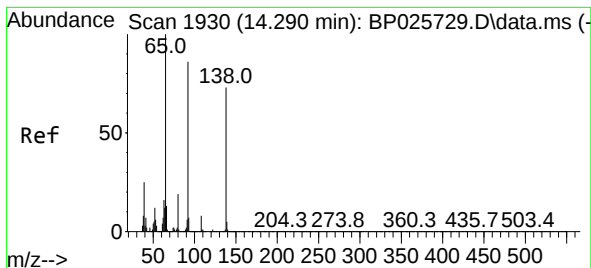
Tgt Ion:165 Resp: 274143
Ion Ratio Lower Upper
165 100
63 49.6 48.1 72.1
89 51.8 45.4 68.0



#52
Acenaphthene
Concen: 38.466 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:154 Resp: 872989
Ion Ratio Lower Upper
154 100
153 113.2 89.4 134.0
152 52.6 42.5 63.7

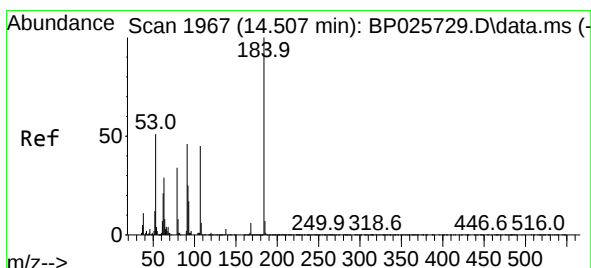
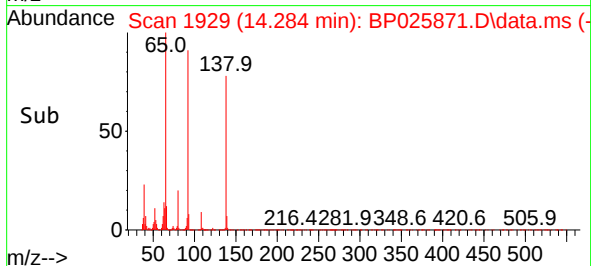
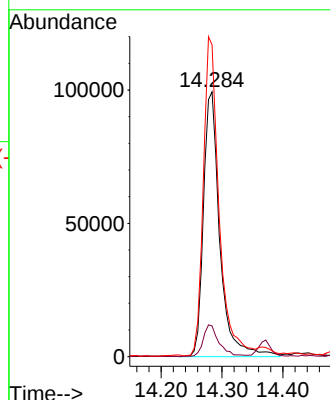
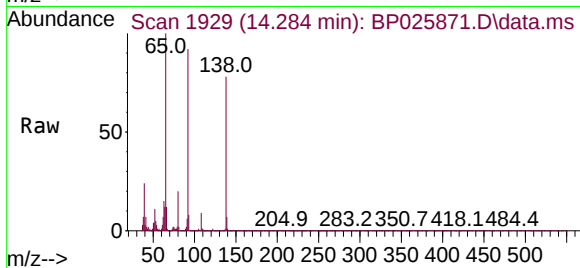




#53
3-Nitroaniline
Concen: 26.505 ng
RT: 14.284 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

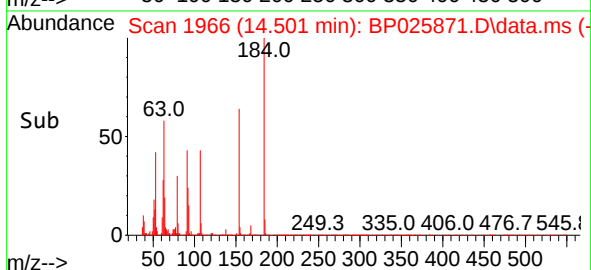
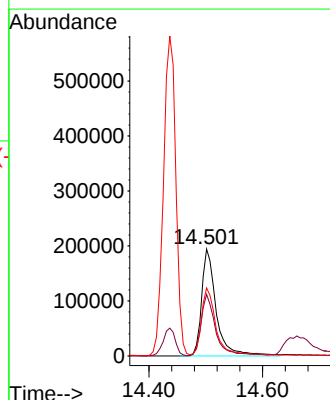
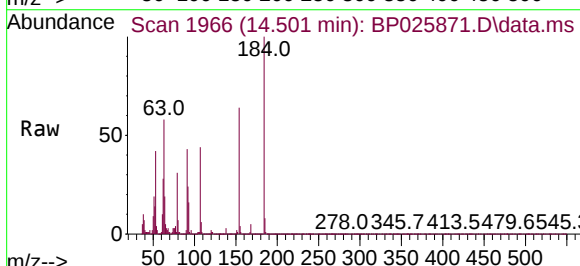
Instrument :
BNA_P
ClientSampleId :
PB169858BS

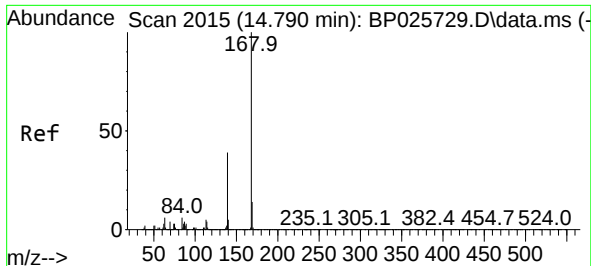
Tgt Ion:138 Resp: 185280
Ion Ratio Lower Upper
138 100
108 11.6 8.7 13.1
92 117.8 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 79.964 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:184 Resp: 345596
Ion Ratio Lower Upper
184 100
63 57.7 52.5 78.7
154 63.6 51.5 77.3

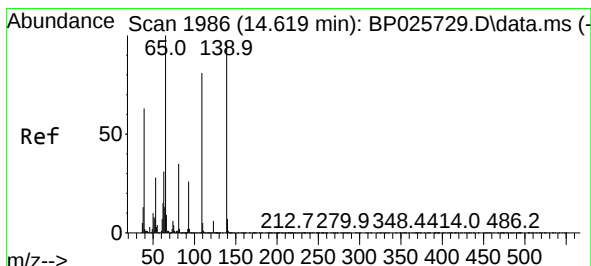
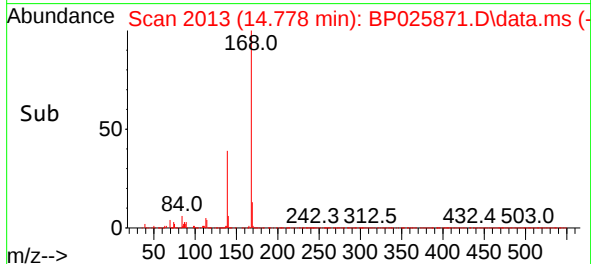
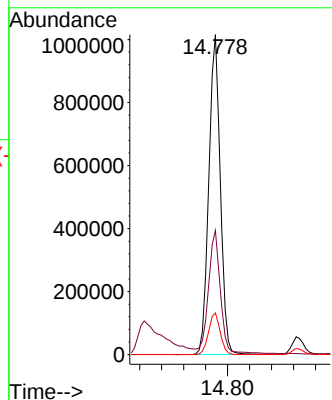
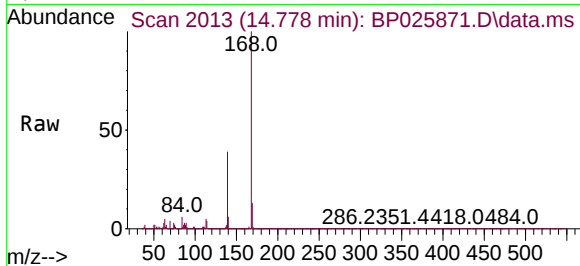




#55
Dibenzofuran
Concen: 39.958 ng
RT: 14.778 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

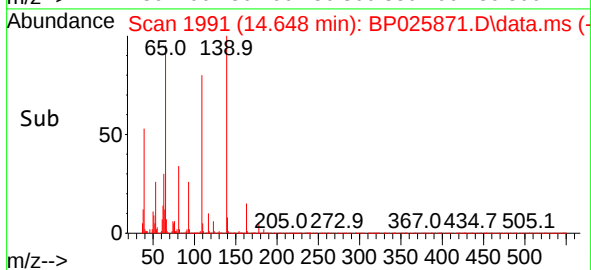
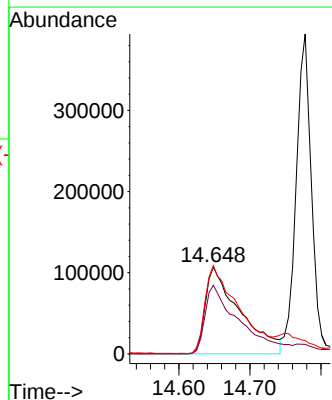
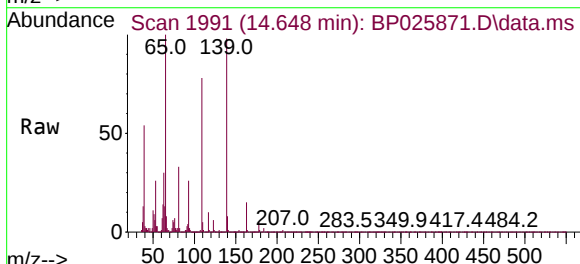
Instrument :
BNA_P
ClientSampleId :
PB169858BS

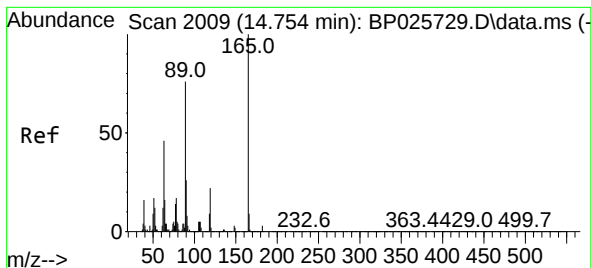
Tgt Ion:168 Resp: 1478021
Ion Ratio Lower Upper
168 100
139 38.8 31.7 47.5
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 60.495 ng
RT: 14.648 min Scan# 1991
Delta R.T. 0.029 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:139 Resp: 357200
Ion Ratio Lower Upper
139 100
109 79.2 62.9 102.9
65 101.8 83.4 123.4

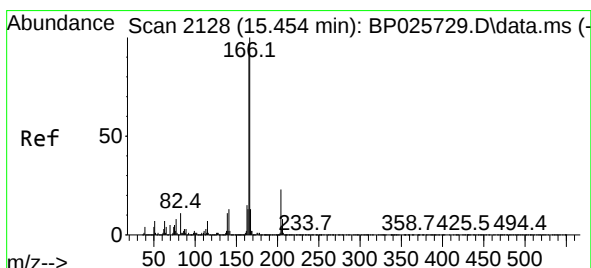
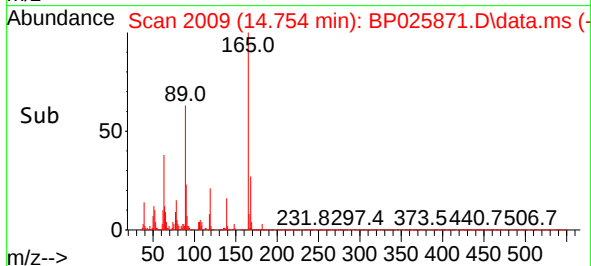
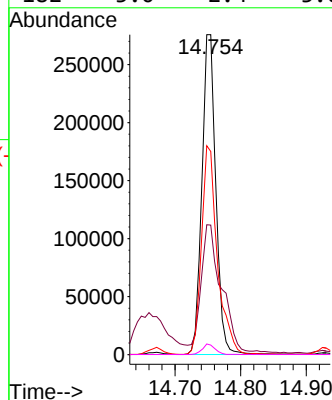
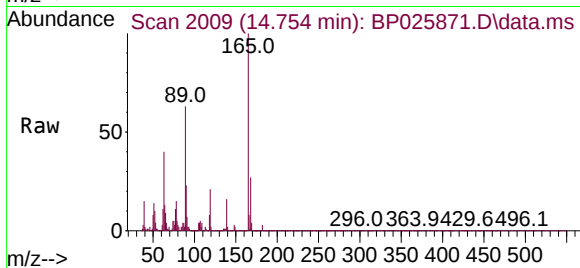




#57
2,4-Dinitrotoluene
Concen: 42.820 ng
RT: 14.754 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

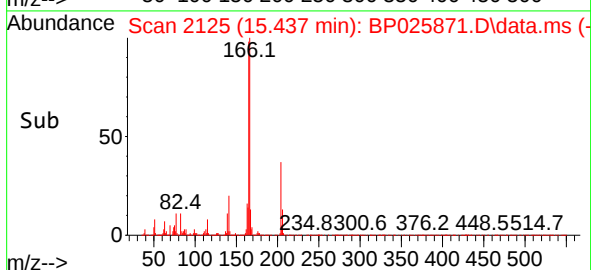
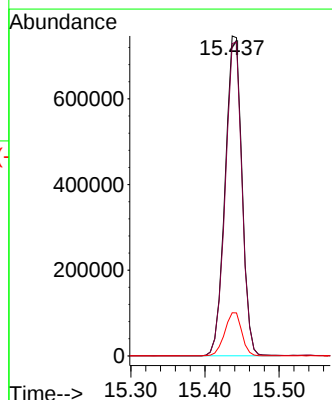
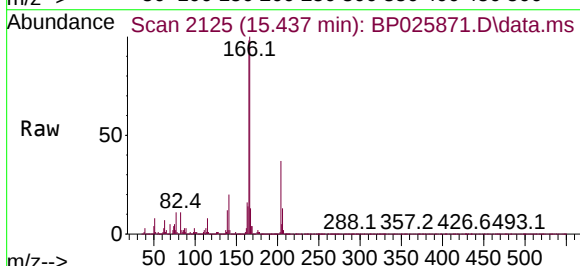
Instrument :
BNA_P
ClientSampleId :
PB169858BS

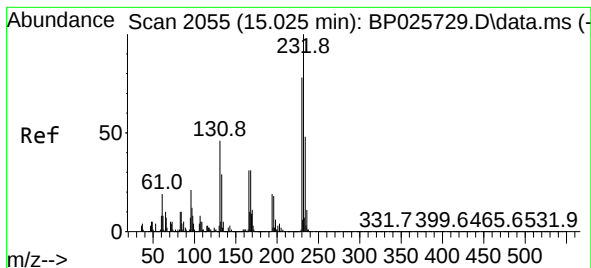
Tgt Ion:165 Resp: 405083
Ion Ratio Lower Upper
165 100
63 40.5 37.7 56.5
89 63.5 61.0 91.6
182 3.0 2.4 3.6



#58
Fluorene
Concen: 40.110 ng
RT: 15.437 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:166 Resp: 1179742
Ion Ratio Lower Upper
166 100
165 97.6 77.7 116.5
167 13.5 10.6 16.0

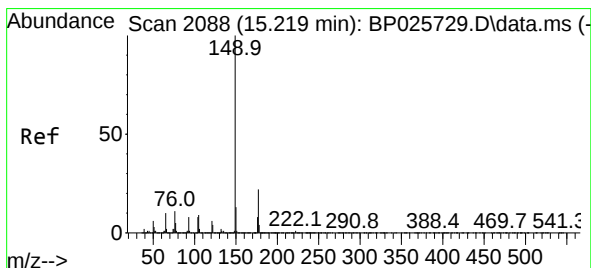
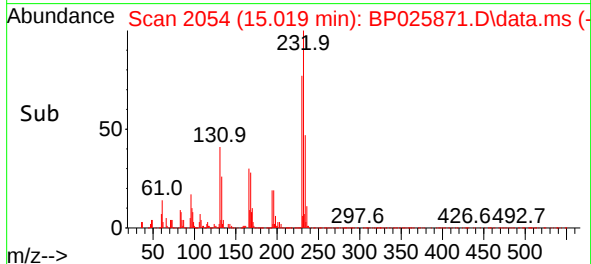
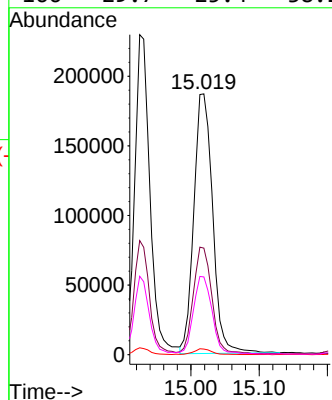
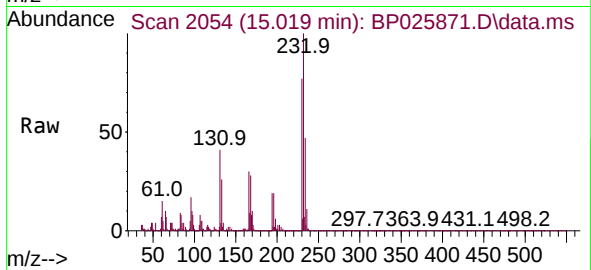




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.802 ng
RT: 15.019 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

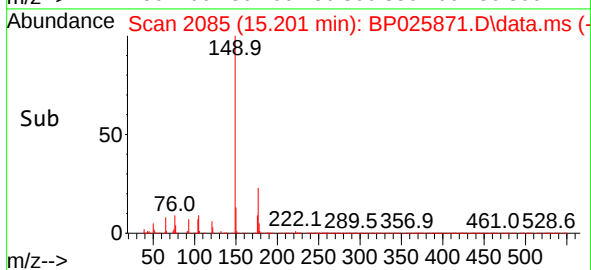
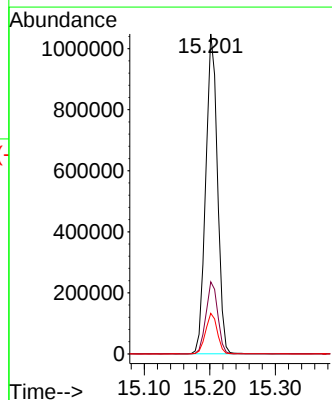
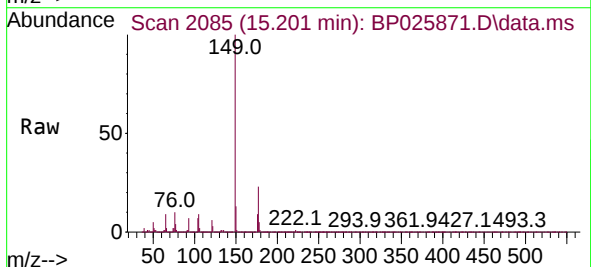
Instrument :
BNA_P
ClientSampleId :
PB169858BS

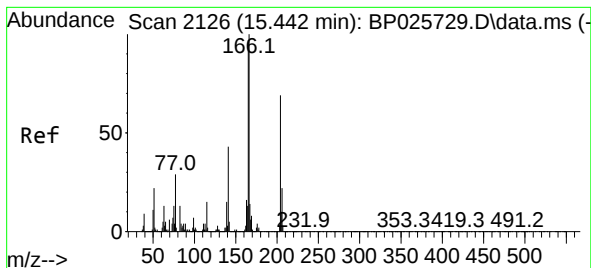
Tgt Ion:232 Resp: 359513
Ion Ratio Lower Upper
232 100
131 40.5 36.7 55.1
130 2.1 2.0 3.0
166 29.7 25.4 38.2



#60
Diethylphthalate
Concen: 40.614 ng
RT: 15.201 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:149 Resp: 1292569
Ion Ratio Lower Upper
149 100
177 22.5 17.7 26.5
150 12.7 10.0 15.0

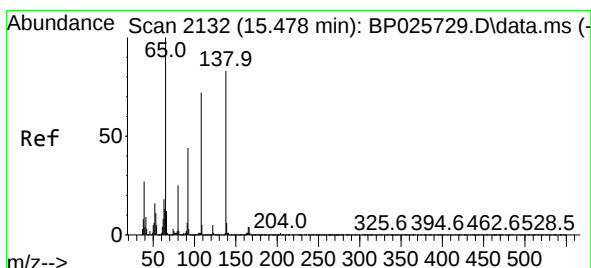
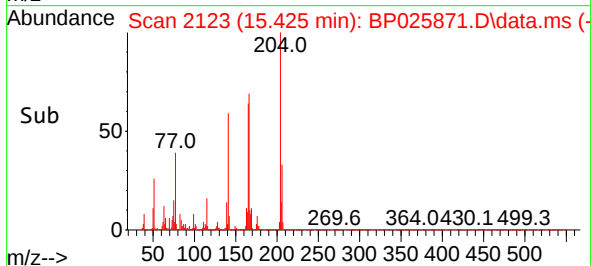
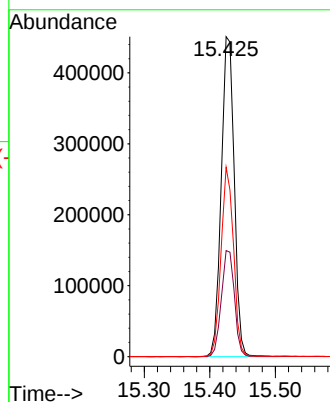
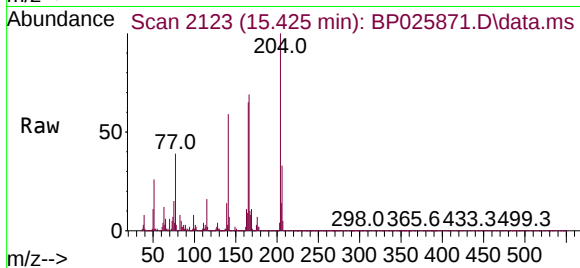




#61
4-Chlorophenyl-phenylether
Concen: 42.043 ng
RT: 15.425 min Scan# 2112
Delta R.T. -0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

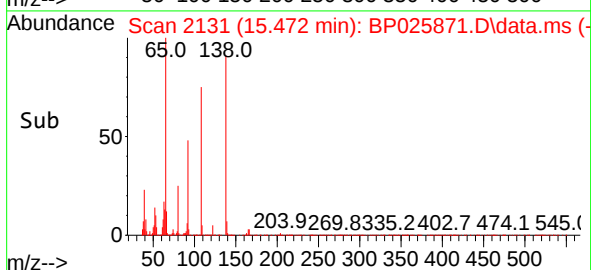
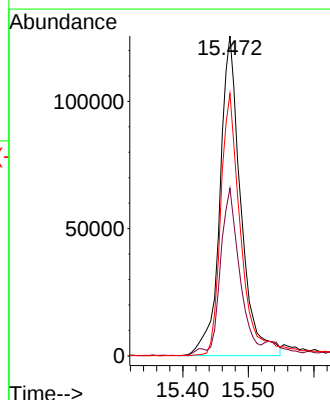
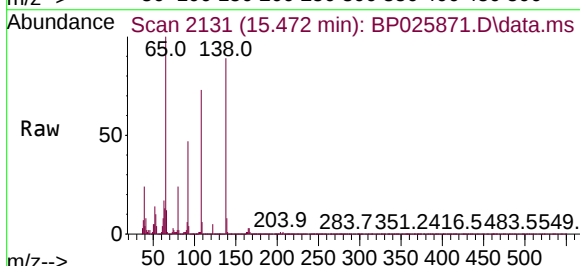
Instrument :
BNA_P
ClientSampleId :
PB169858BS

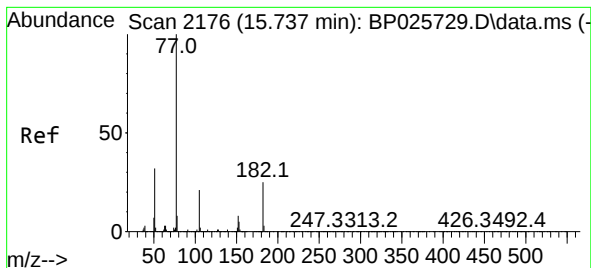
Tgt Ion:204 Resp: 623217
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 59.2 49.7 74.5



#62
4-Nitroaniline
Concen: 38.850 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:138 Resp: 278214
Ion Ratio Lower Upper
138 100
92 52.4 33.3 73.3
108 82.0 66.7 106.7





#63

Azobenzene

Concen: 36.577 ng

RT: 15.725 min Scan# 2176

Delta R.T. -0.012 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

Tgt Ion: 77 Resp: 1125591

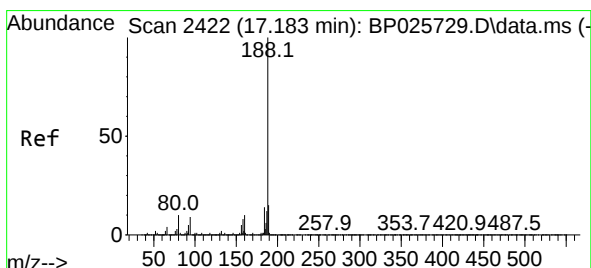
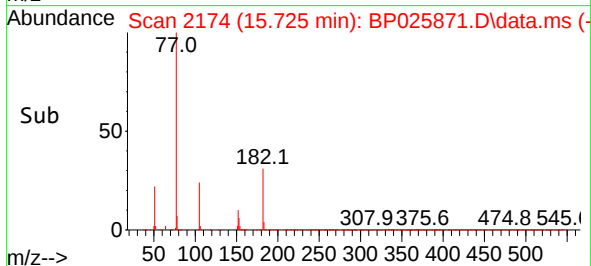
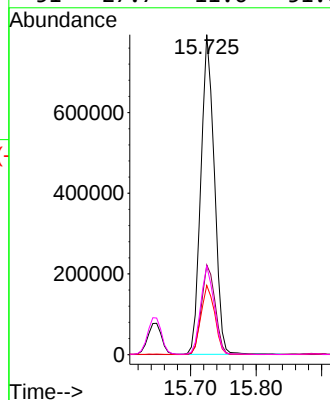
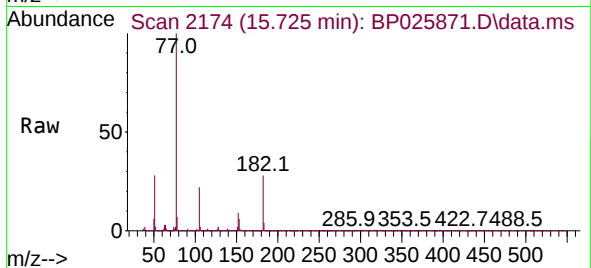
Ion Ratio Lower Upper

77 100

182 28.0 5.2 45.2

105 21.7 1.1 41.1

51 27.7 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.184 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

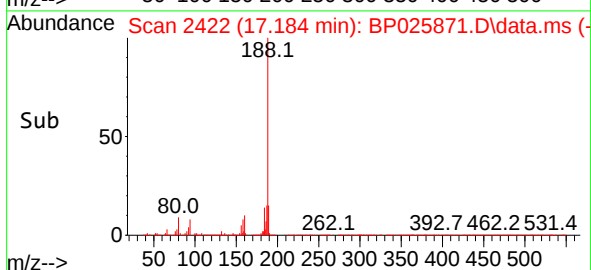
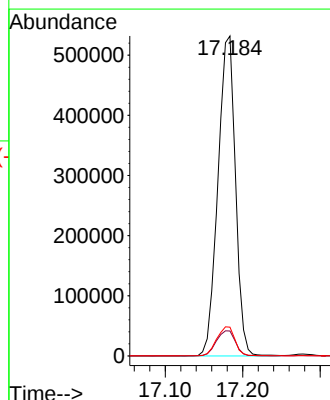
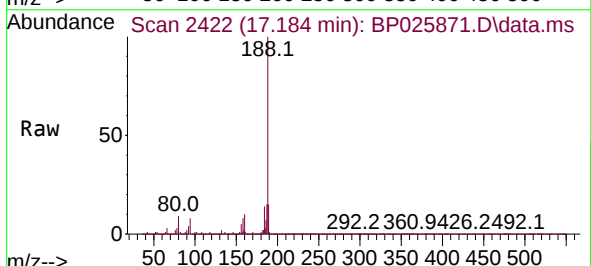
Tgt Ion:188 Resp: 836314

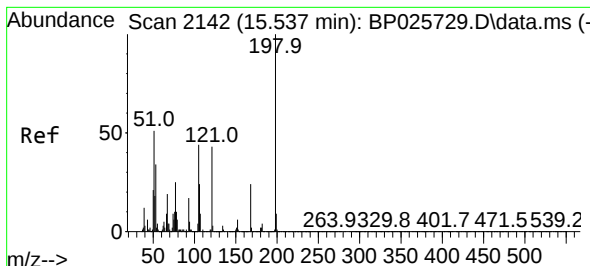
Ion Ratio Lower Upper

188 100

94 7.8 7.4 11.0

80 9.0 7.7 11.5

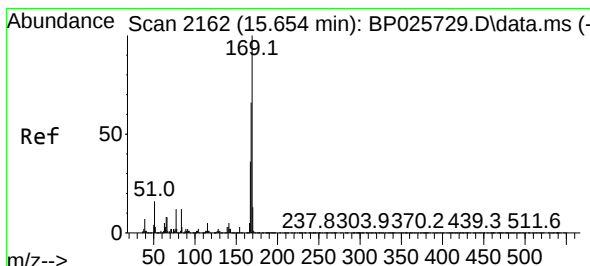
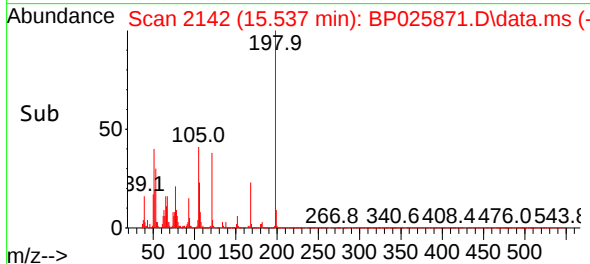
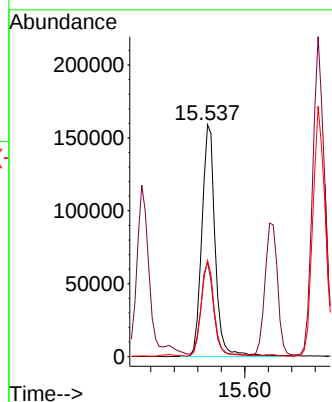
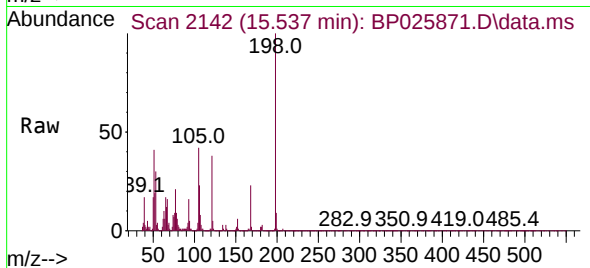




#65
4,6-Dinitro-2-methylphenol
Concen: 44.876 ng
RT: 15.537 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

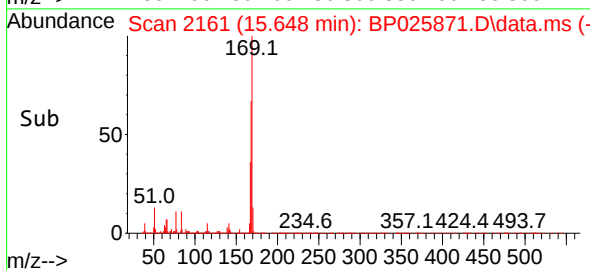
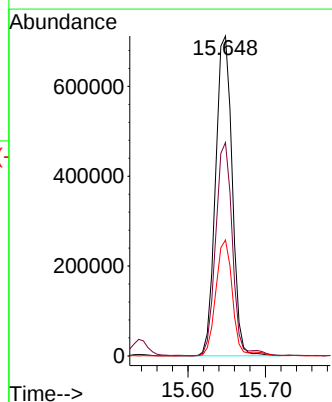
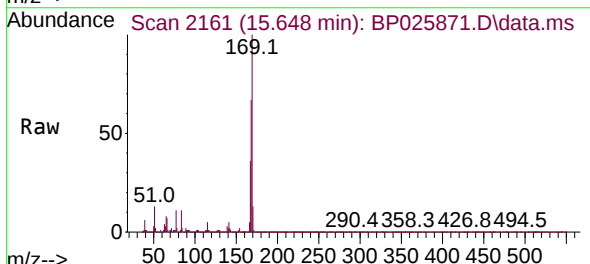
Instrument :
BNA_P
ClientSampleId :
PB169858BS

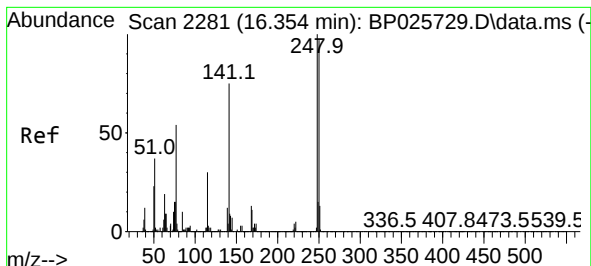
Tgt Ion:198 Resp: 249592
Ion Ratio Lower Upper
198 100
51 40.8 33.4 73.4
105 41.5 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 41.445 ng
RT: 15.648 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:169 Resp: 1060723
Ion Ratio Lower Upper
169 100
168 66.7 52.6 78.8
167 36.2 28.5 42.7

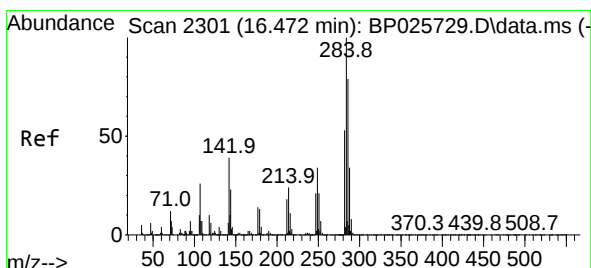
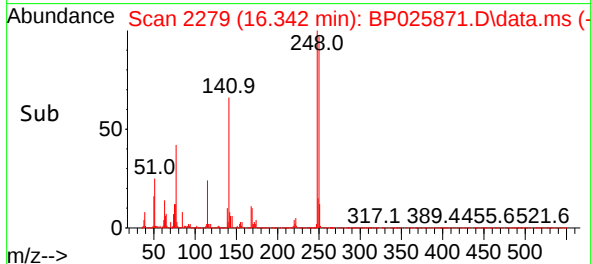
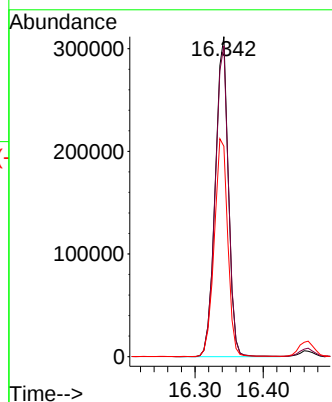
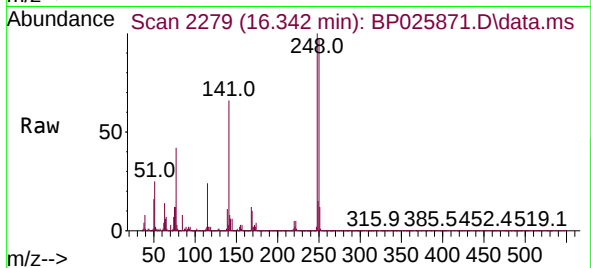




#67
4-Bromophenyl-phenylether
Concen: 44.907 ng
RT: 16.342 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

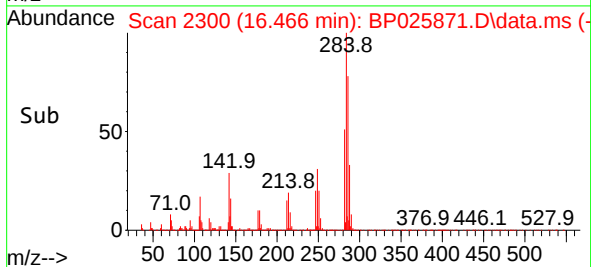
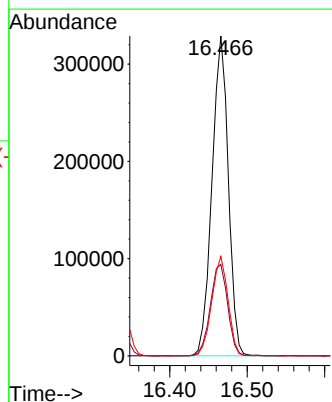
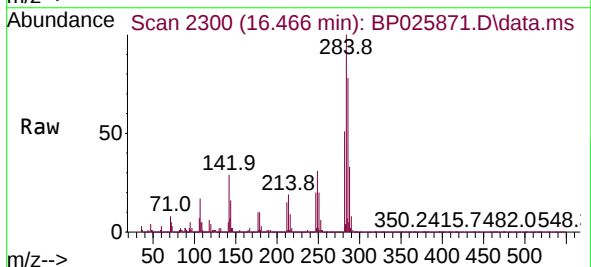
Instrument :
BNA_P
ClientSampleId :
PB169858BS

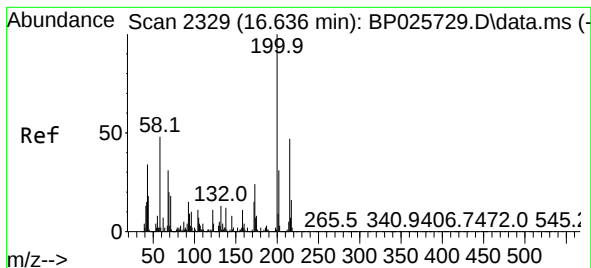
Tgt Ion:248 Resp: 412593
Ion Ratio Lower Upper
248 100
250 97.1 77.5 116.3
141 65.7 60.2 90.4



#68
Hexachlorobenzene
Concen: 46.955 ng
RT: 16.466 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:284 Resp: 481087
Ion Ratio Lower Upper
284 100
142 28.6 31.3 46.9#
249 31.1 27.3 40.9





#69

Atrazine

Concen: 44.031 ng

RT: 16.625 min Scan# 2327

Delta R.T. -0.012 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

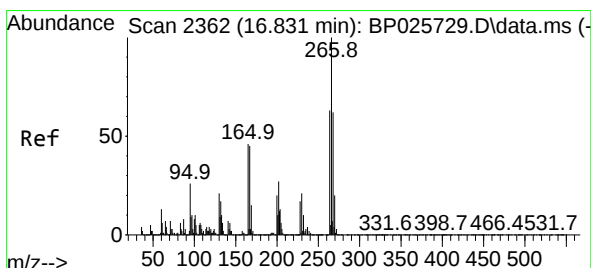
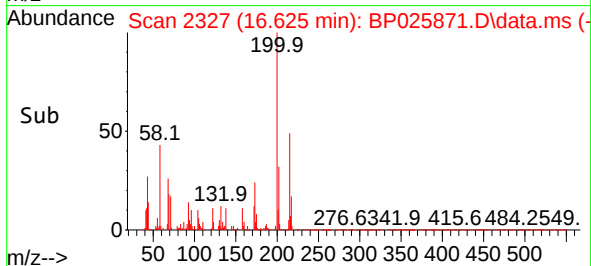
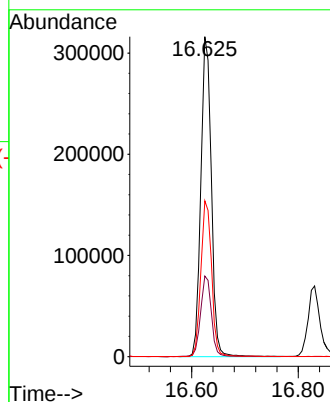
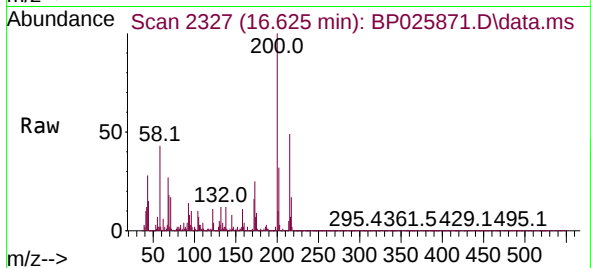
Tgt Ion:200 Resp: 430750

Ion Ratio Lower Upper

200 100

173 25.2 4.2 44.2

215 48.7 27.3 67.3



#70

Pentachlorophenol

Concen: 88.500 ng

RT: 16.831 min Scan# 2362

Delta R.T. 0.000 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

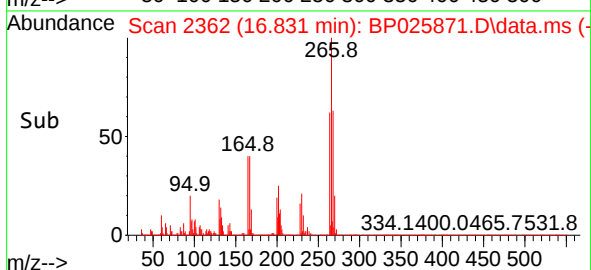
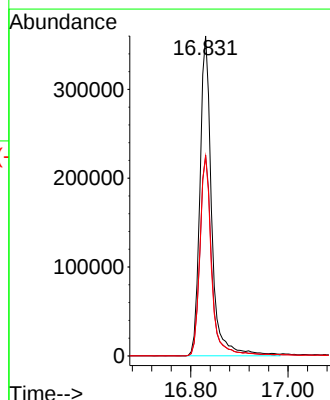
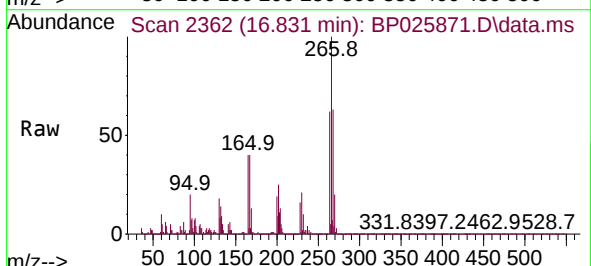
Tgt Ion:266 Resp: 598454

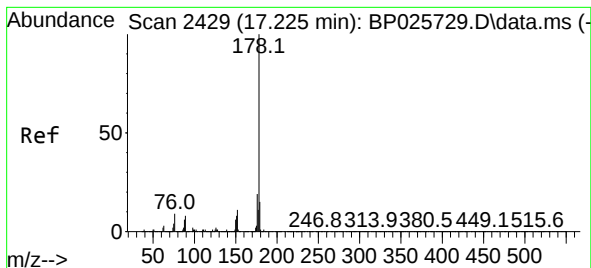
Ion Ratio Lower Upper

266 100

268 62.8 49.8 74.8

264 62.3 50.2 75.2





#71

Phenanthrene

Concen: 39.941 ng

RT: 17.225 min Scan# 2429

Delta R.T. 0.000 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

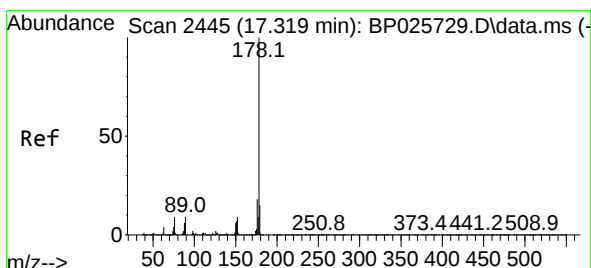
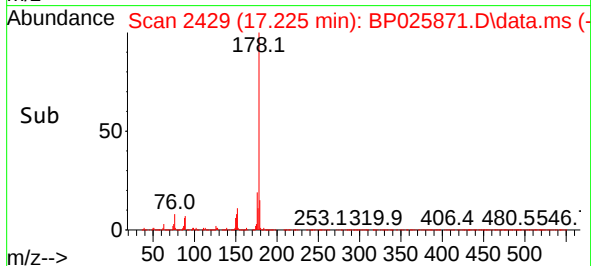
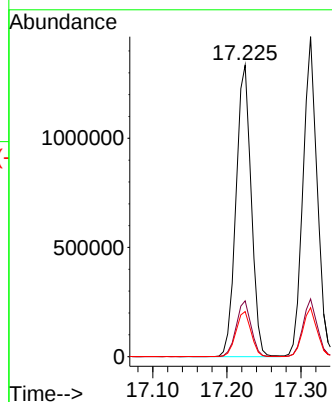
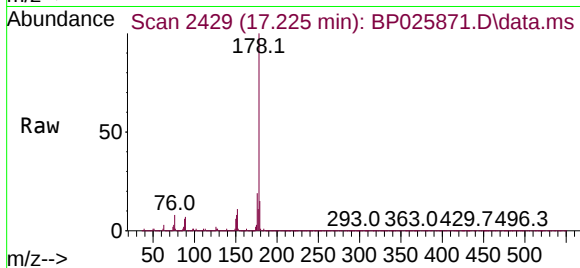
Tgt Ion:178 Resp: 1894846

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 40.615 ng

RT: 17.313 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

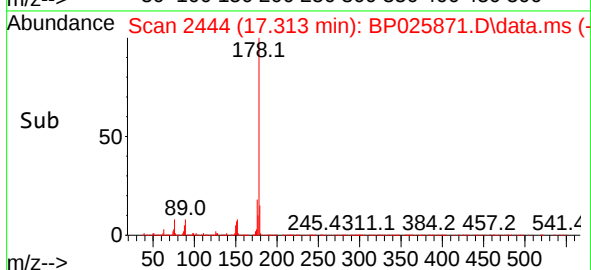
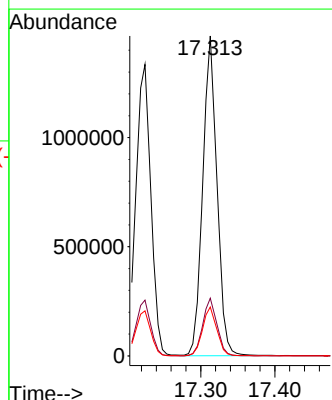
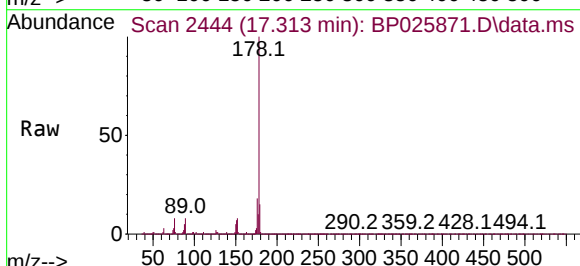
Tgt Ion:178 Resp: 1954971

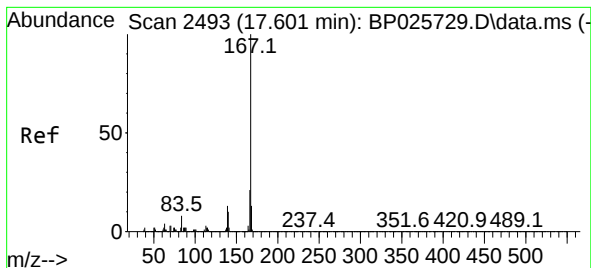
Ion Ratio Lower Upper

178 100

176 18.0 14.8 22.2

179 15.3 12.2 18.4





#73

Carbazole

Concen: 41.026 ng

RT: 17.601 min Scan# 2493

Delta R.T. 0.000 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

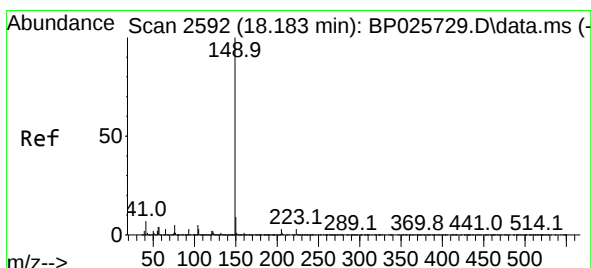
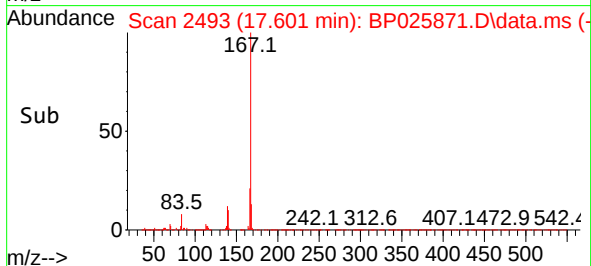
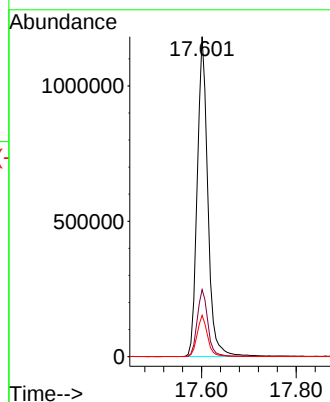
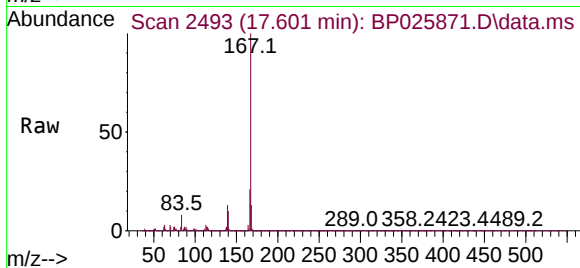
Tgt Ion:167 Resp: 1835937

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

139 12.9 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.656 ng

RT: 18.178 min Scan# 2591

Delta R.T. -0.006 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

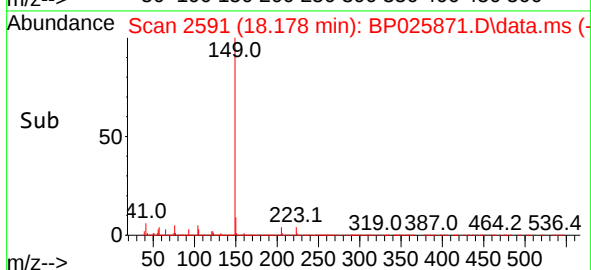
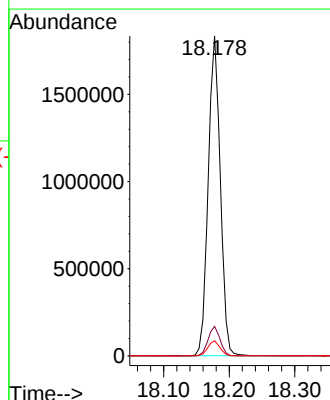
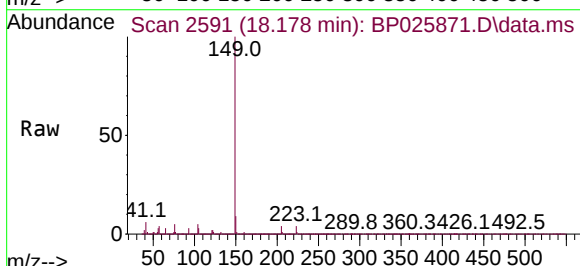
Tgt Ion:149 Resp: 2342560

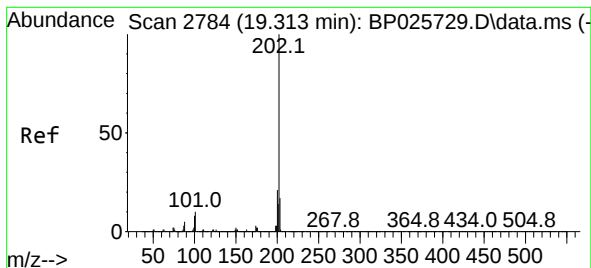
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.7 4.3 6.5





#75

Fluoranthene

Concen: 42.050 ng

RT: 19.313 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

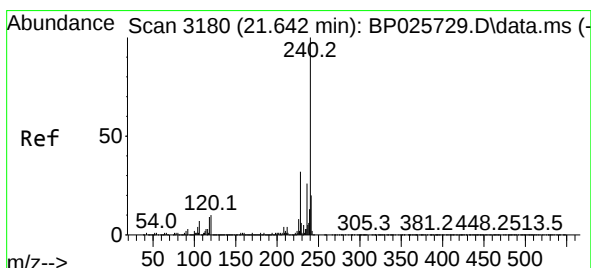
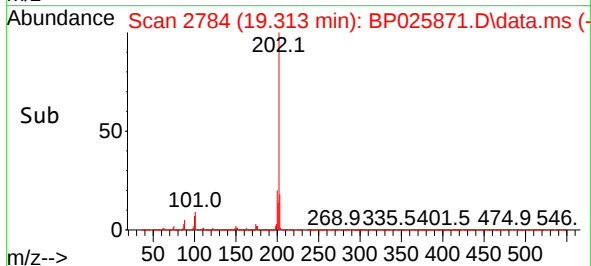
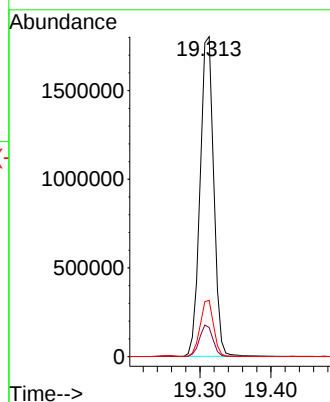
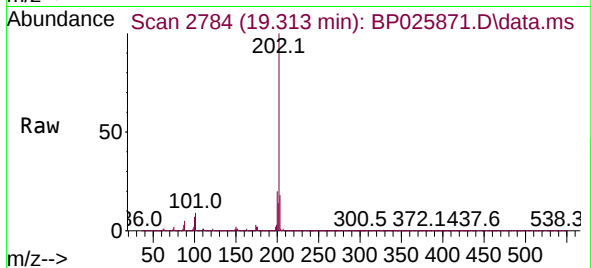
Tgt Ion:202 Resp: 2392514

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.4

203 17.6 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: BP025871.D

Acq: 26 Sep 2025 15:45

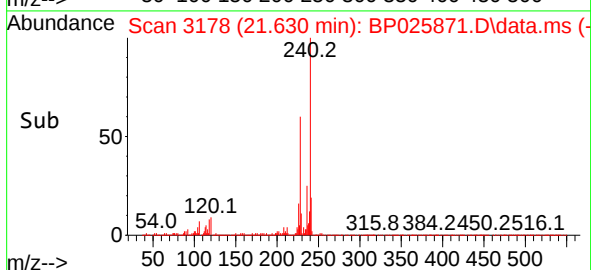
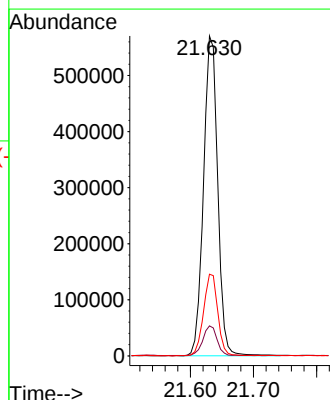
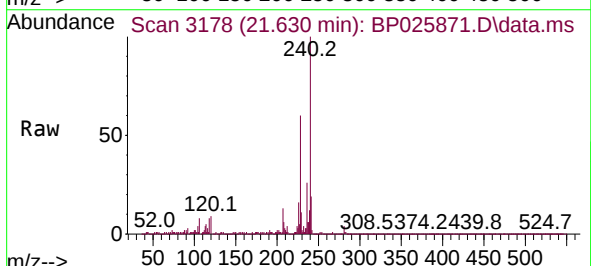
Tgt Ion:240 Resp: 888003

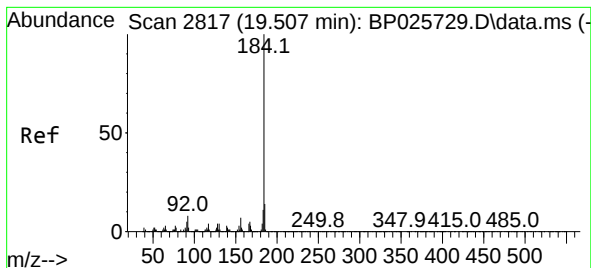
Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

236 25.5 20.7 31.1





#77

Benzidine

Concen: 43.321 ng

RT: 19.513 min Scan# 2817

Delta R.T. 0.006 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

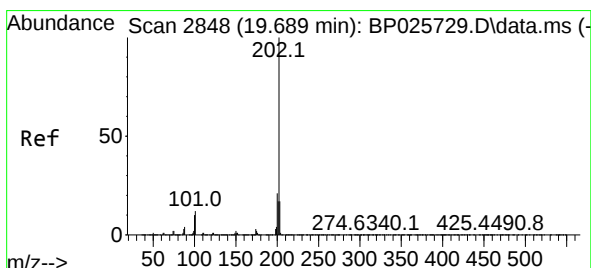
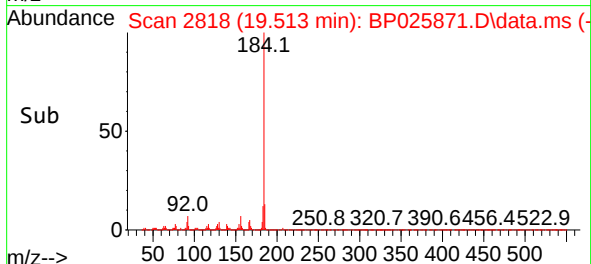
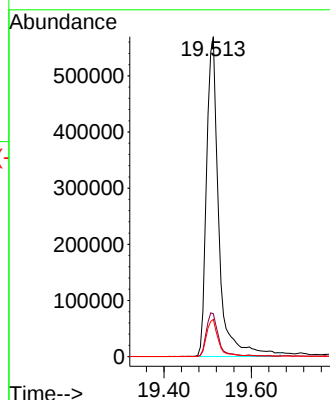
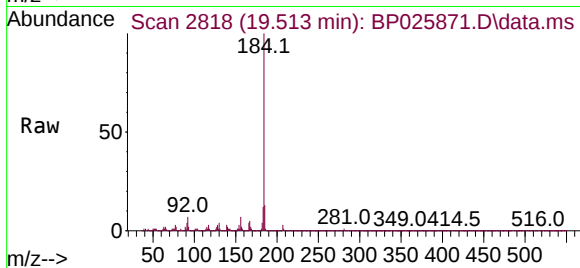
Tgt Ion:184 Resp: 1108126

Ion Ratio Lower Upper

184 100

185 13.5 11.5 17.3

183 11.6 9.2 13.8



#78

Pyrene

Concen: 41.340 ng

RT: 19.683 min Scan# 2847

Delta R.T. -0.006 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

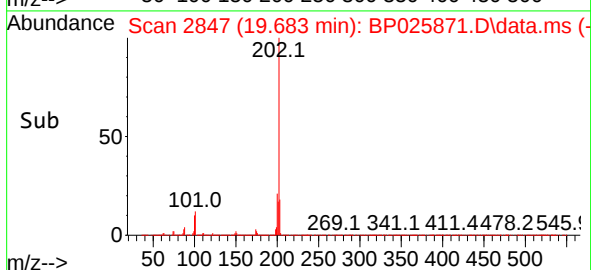
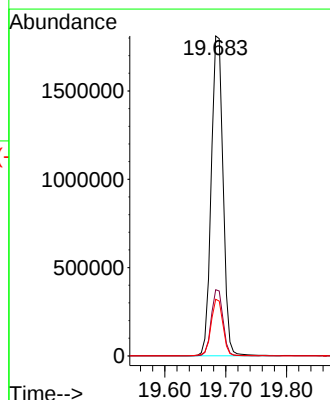
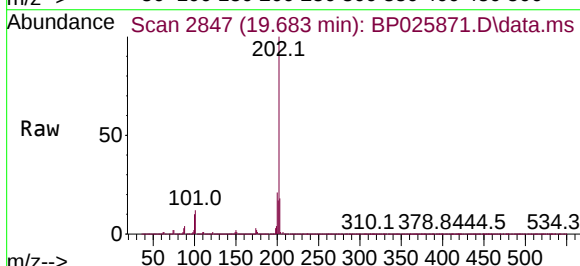
Tgt Ion:202 Resp: 2449473

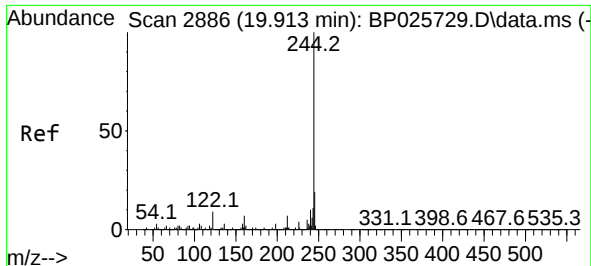
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

203 17.7 13.9 20.9

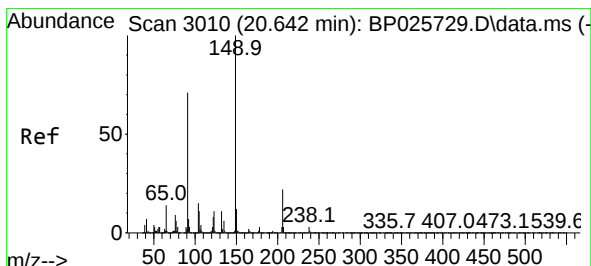
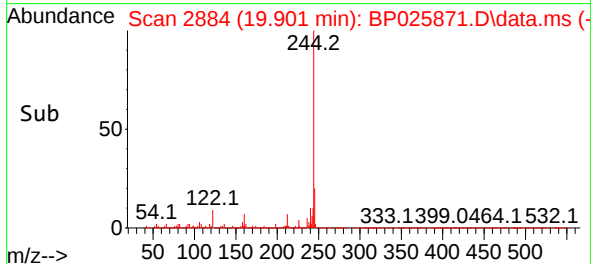
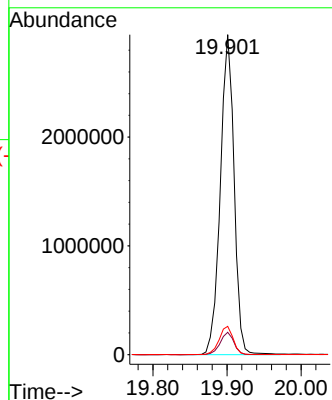
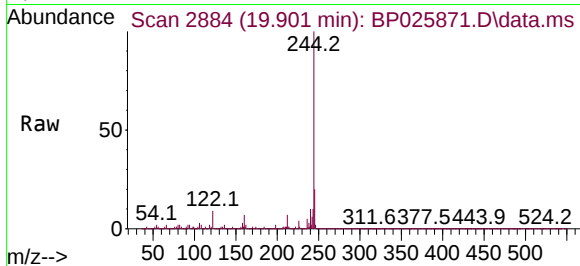




#79
 Terphenyl-d14
 Concen: 76.766 ng
 RT: 19.901 min Scan# 2884
 Delta R.T. -0.012 min
 Lab File: BP025871.D
 Acq: 26 Sep 2025 15:45

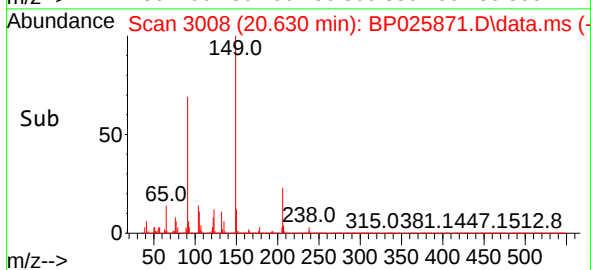
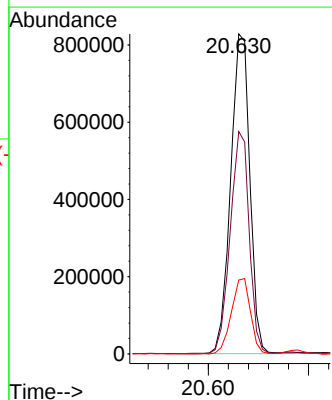
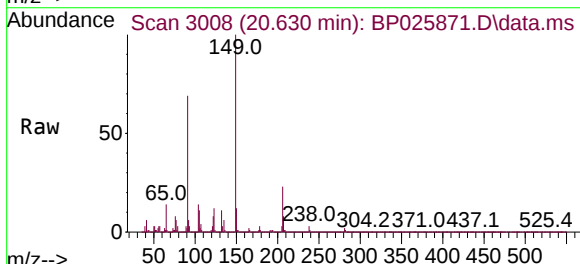
Instrument :
 BNA_P
 ClientSampleId :
 PB169858BS

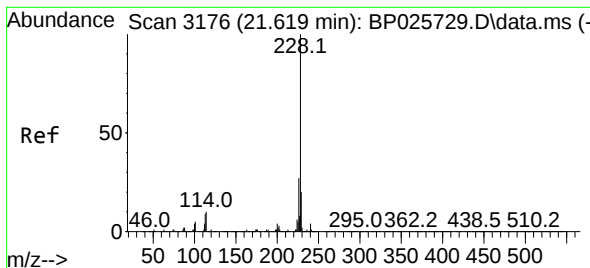
Tgt Ion:244 Resp: 3789269
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 8.8 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 42.244 ng
 RT: 20.630 min Scan# 3008
 Delta R.T. -0.012 min
 Lab File: BP025871.D
 Acq: 26 Sep 2025 15:45

Tgt Ion:149 Resp: 1097501
 Ion Ratio Lower Upper
 149 100
 91 69.5 56.6 85.0
 206 23.1 17.4 26.0





#81

Benzo(a)anthracene

Concen: 41.864 ng

RT: 21.613 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

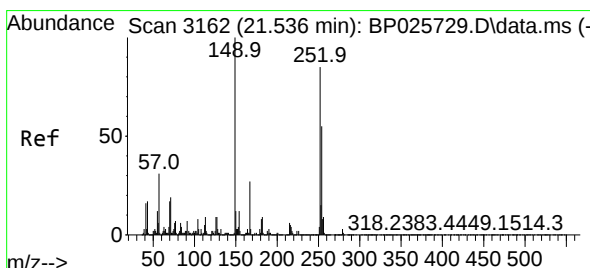
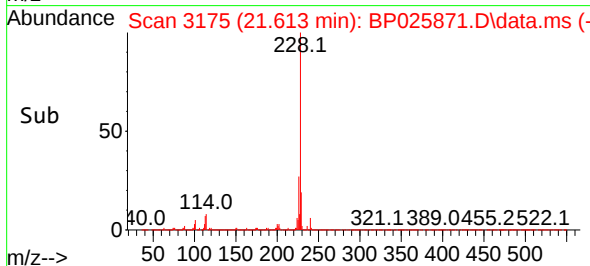
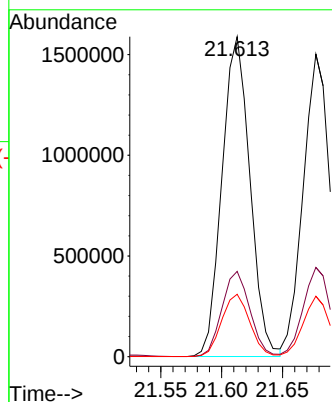
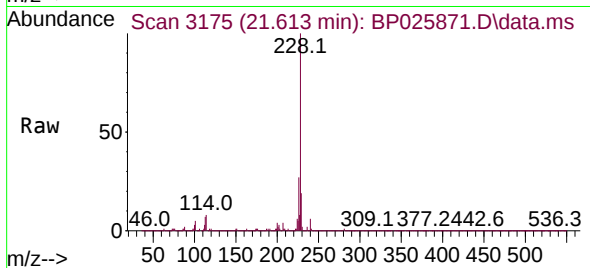
Tgt Ion:228 Resp: 2545090

Ion Ratio Lower Upper

228 100

226 26.6 21.6 32.4

229 19.5 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 32.842 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

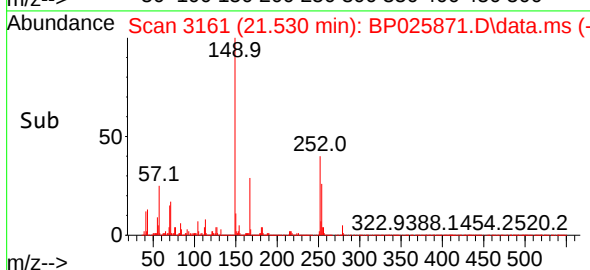
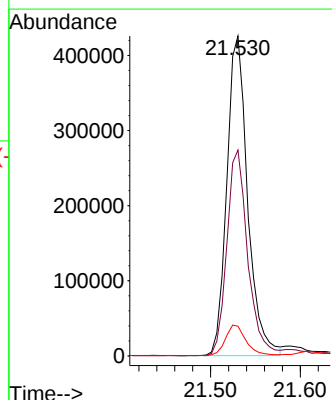
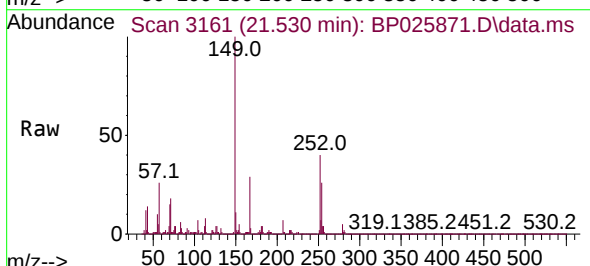
Tgt Ion:252 Resp: 690359

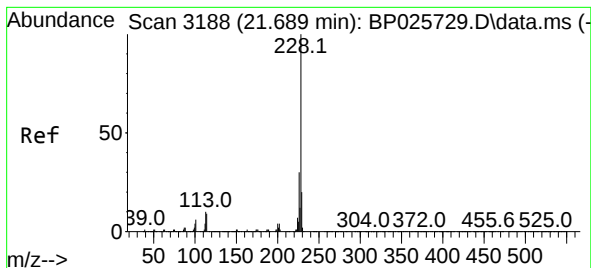
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.0

126 9.3 8.3 12.5





#83

Chrysene

Concen: 40.353 ng

RT: 21.677 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

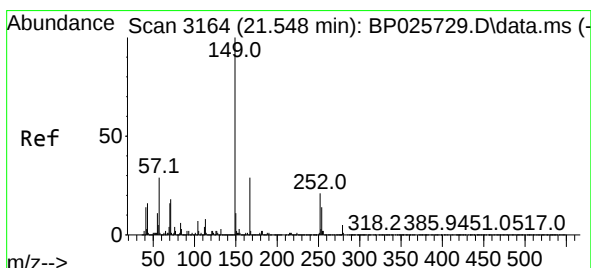
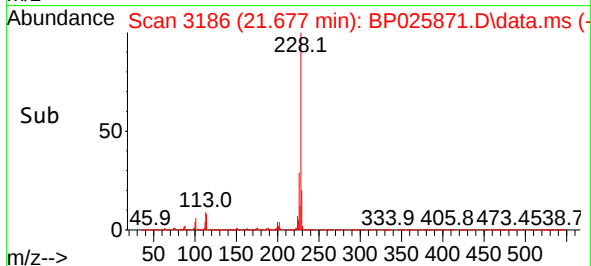
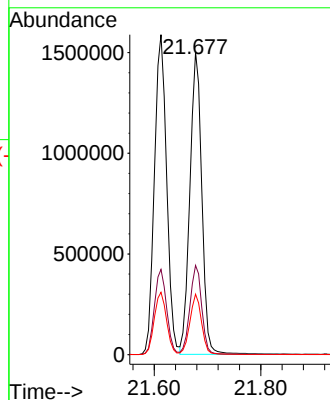
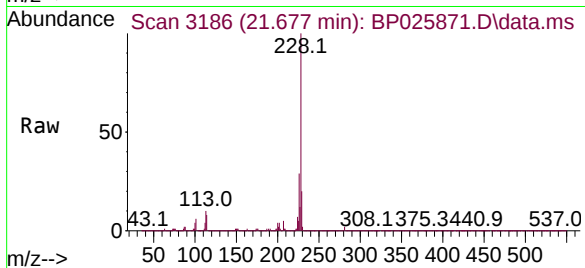
Tgt Ion:228 Resp: 2338559

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.785 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.018 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

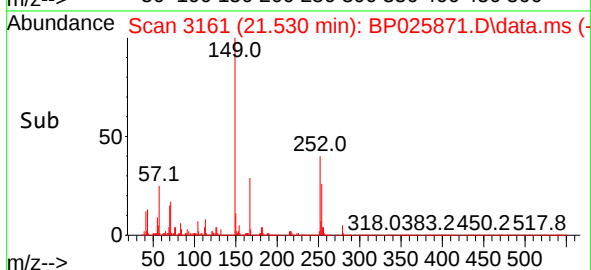
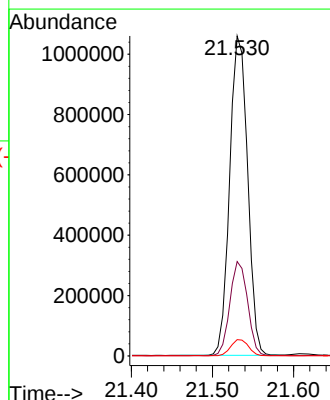
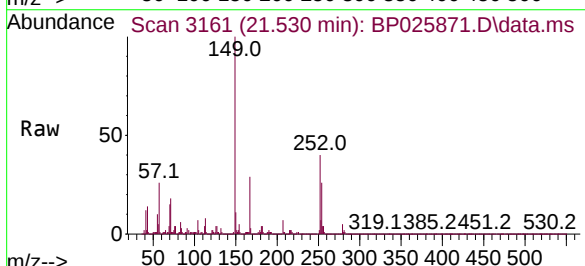
Tgt Ion:149 Resp: 1626230

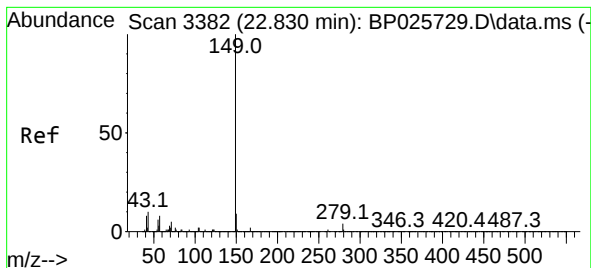
Ion Ratio Lower Upper

149 100

167 29.5 22.9 34.3

279 5.1 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 43.102 ng

RT: 22.807 min Scan# 3382

Delta R.T. -0.024 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

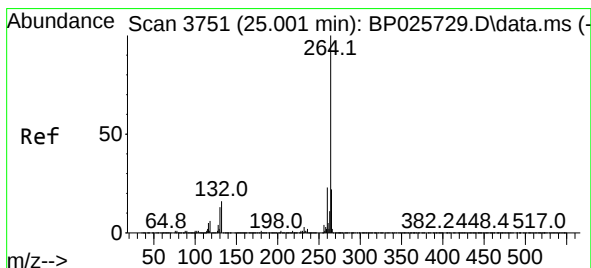
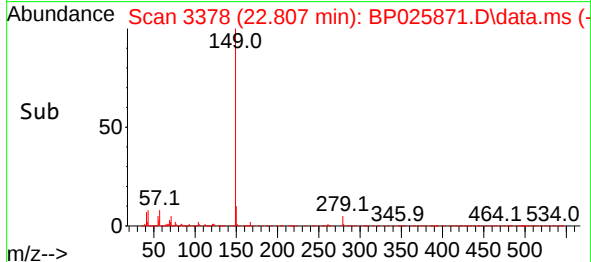
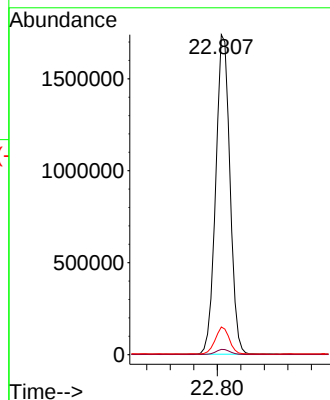
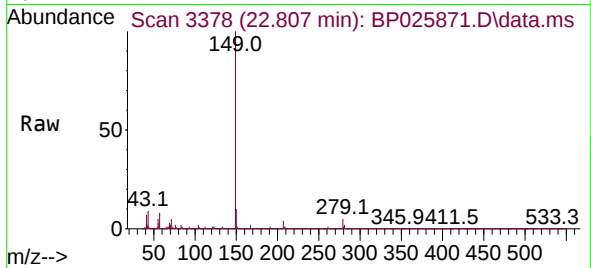
Tgt Ion:149 Resp: 2914197

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3750

Delta R.T. -0.006 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

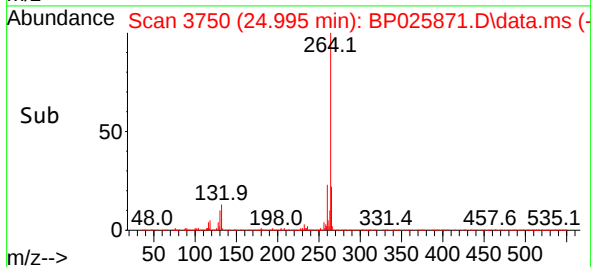
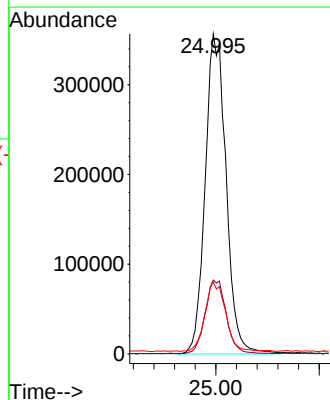
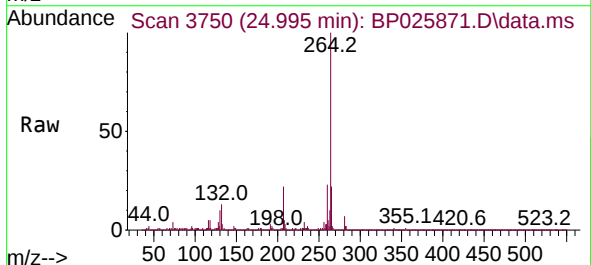
Tgt Ion:264 Resp: 1004725

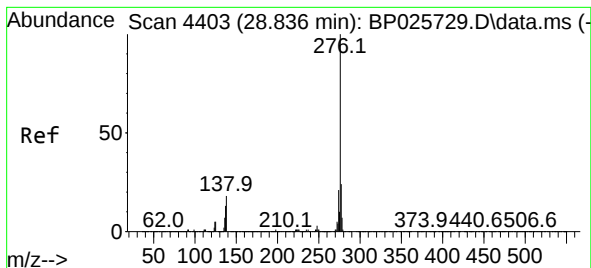
Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 22.5 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.304 ng

RT: 28.842 min Scan# 44

Delta R.T. 0.006 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

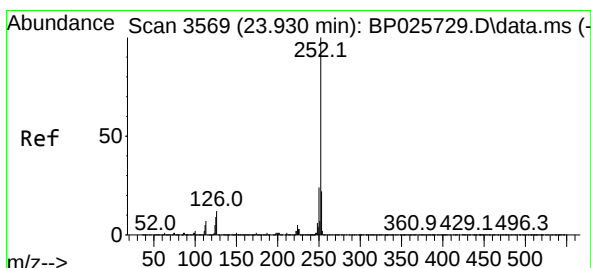
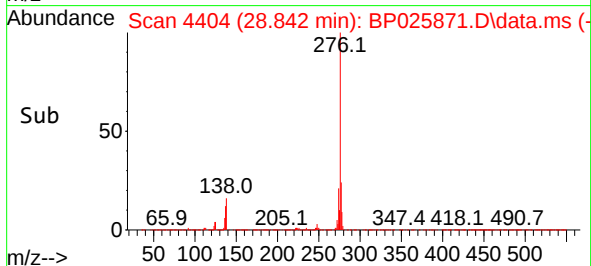
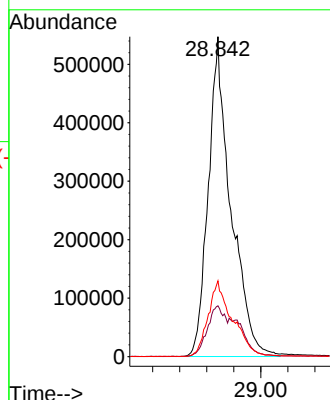
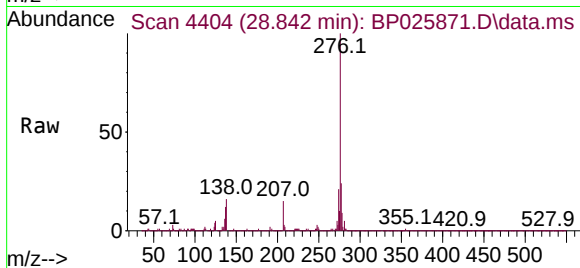
Tgt Ion:276 Resp: 3164069

Ion Ratio Lower Upper

276 100

138 12.6 13.4 20.2#

277 25.5 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 41.366 ng

RT: 23.936 min Scan# 3570

Delta R.T. 0.006 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

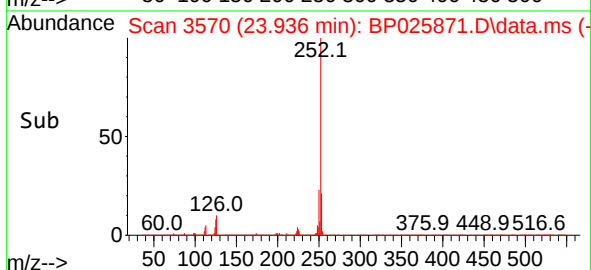
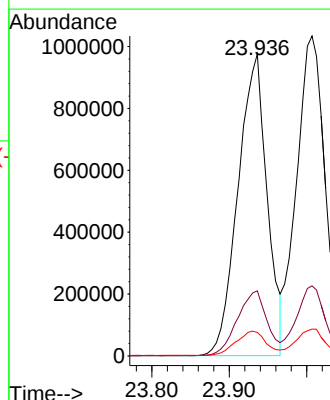
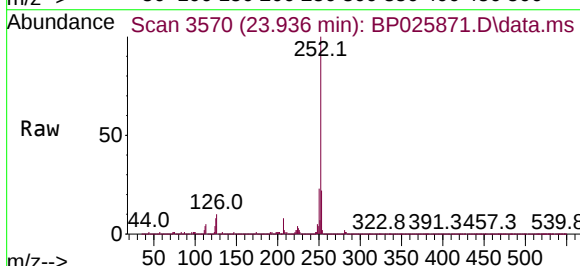
Tgt Ion:252 Resp: 2541550

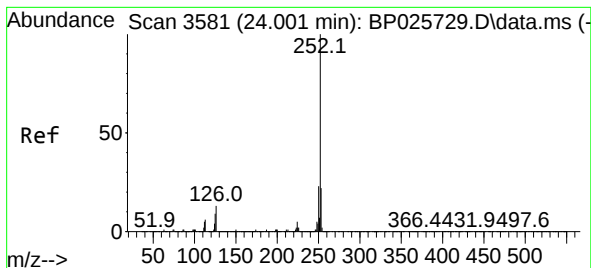
Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 7.7 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 42.172 ng

RT: 24.007 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

Instrument :

BNA_P

ClientSampleId :

PB169858BS

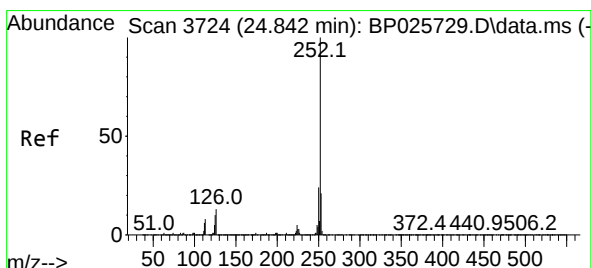
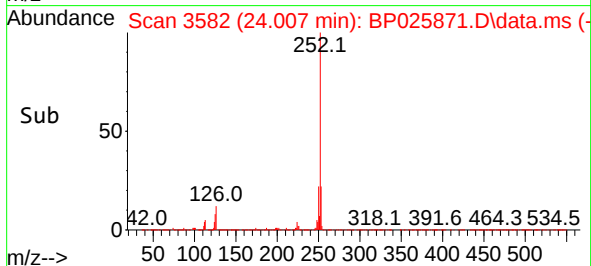
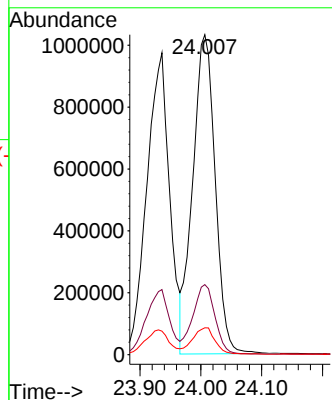
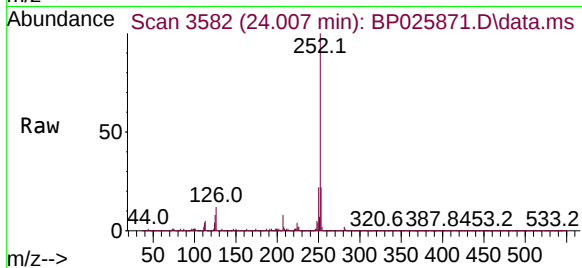
Tgt Ion:252 Resp: 2643999

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.4 7.5 11.3



#90

Benzo(a)pyrene

Concen: 40.971 ng

RT: 24.842 min Scan# 3724

Delta R.T. 0.000 min

Lab File: BP025871.D

Acq: 26 Sep 2025 15:45

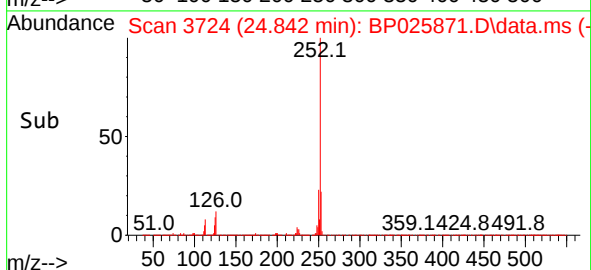
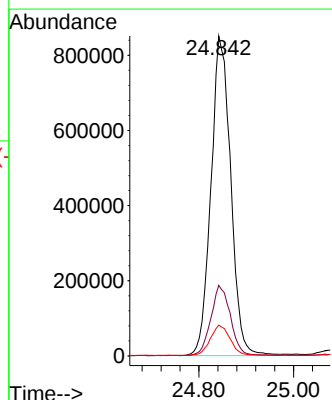
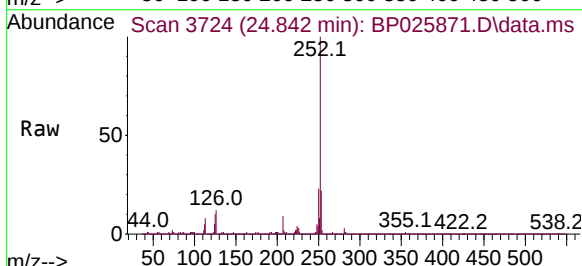
Tgt Ion:252 Resp: 2465193

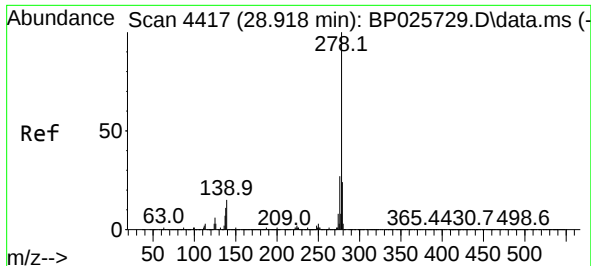
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.6 8.3 12.5

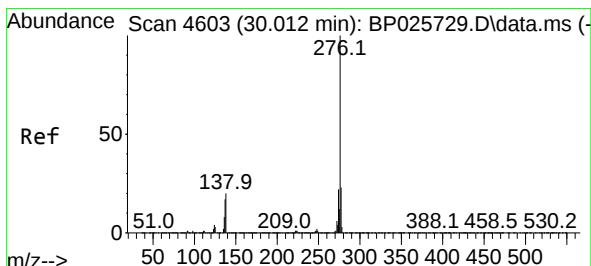
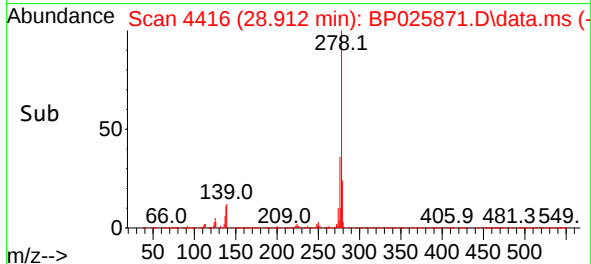
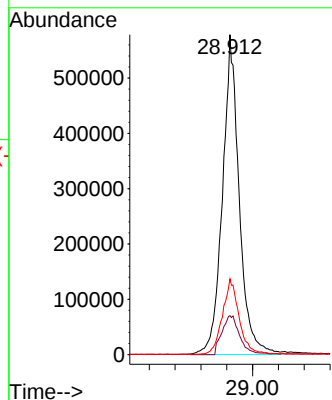
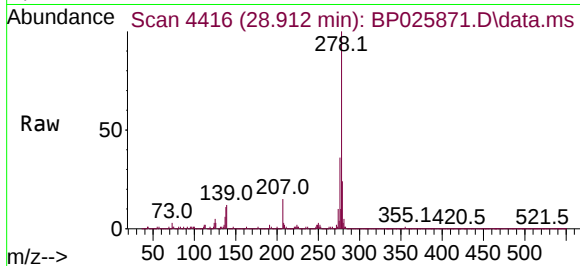




#91
Dibenzo(a,h)anthracene
Concen: 43.569 ng
RT: 28.912 min Scan# 4417
Delta R.T. -0.006 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Instrument :
BNA_P
ClientSampleId :
PB169858BS

Tgt Ion:278 Resp: 2605063
Ion Ratio Lower Upper
278 100
139 12.2 12.1 18.1
279 23.7 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 43.070 ng
RT: 30.030 min Scan# 4606
Delta R.T. 0.018 min
Lab File: BP025871.D
Acq: 26 Sep 2025 15:45

Tgt Ion:276 Resp: 2532589
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 18.2 16.0 24.0

