

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025600.D
 Acq On : 27 Aug 2025 12:23
 Operator : CG/JU
 Sample : PB169382BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169382BS

Quant Time: Aug 27 12:59:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	196360	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	794802	20.000	ng	-0.01
39) Acenaphthene-d10	14.395	164	531087	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	1087302	20.000	ng	0.00
76) Chrysene-d12	21.636	240	1129054	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1232505	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1582633	133.850	ng	0.00
7) Phenol-d6	6.972	99	2018583	133.158	ng	0.00
23) Nitrobenzene-d5	8.925	82	1282375	81.617	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	1010417	141.347	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	3031848	78.021	ng	-0.01
79) Terphenyl-d14	19.919	244	5027692	81.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.320	88	181047	39.091	ng	97
3) Pyridine	3.720	79	507146	40.007	ng	98
4) n-Nitrosodimethylamine	3.625	42	256700	49.118	ng	95
6) Aniline	7.113	93	723181	35.407	ng	98
8) 2-Chlorophenol	7.355	128	647238	48.509	ng	98
9) Benzaldehyde	6.931	77	282672	26.615	ng	99
10) Phenol	6.996	94	777230	48.861	ng	97
11) bis(2-Chloroethyl)ether	7.208	93	571383	46.086	ng	99
12) 1,3-Dichlorobenzene	7.672	146	666297	45.287	ng	99
13) 1,4-Dichlorobenzene	7.813	146	676644	44.996	ng	99
14) 1,2-Dichlorobenzene	8.125	146	646907	44.440	ng	97
15) Benzyl Alcohol	8.013	79	570434	47.358	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.296	45	770887	46.415	ng	99
17) 2-Methylphenol	8.225	107	544196	49.259	ng	99
18) Hexachloroethane	8.843	117	254048	45.947	ng	96
19) n-Nitroso-di-n-propyla...	8.578	70	444153	44.233	ng	98
20) 3+4-Methylphenols	8.549	107	739884	48.315	ng	96
22) Acetophenone	8.590	105	920425	46.178	ng	99
24) Nitrobenzene	8.966	77	665660	47.405	ng	99
25) Isophorone	9.484	82	1273201	45.788	ng	99
26) 2-Nitrophenol	9.666	139	346533	48.086	ng	97
27) 2,4-Dimethylphenol	9.731	122	615366	49.654	ng	98
28) bis(2-Chloroethoxy)met...	9.960	93	776971	46.225	ng	99
29) 2,4-Dichlorophenol	10.207	162	622187	50.539	ng	98
30) 1,2,4-Trichlorobenzene	10.413	180	607575	45.020	ng	98
31) Naphthalene	10.601	128	1887940	45.701	ng	100
32) Benzoic acid	9.902	122	474361	51.846	ng	97
33) 4-Chloroaniline	10.707	127	492521	26.991	ng	100
34) Hexachlorobutadiene	10.878	225	381867	45.435	ng	99
35) Caprolactam	11.496	113	225097	49.864	ng	97
36) 4-Chloro-3-methylphenol	11.843	107	723039	51.183	ng	99
37) 2-Methylnaphthalene	12.207	142	1219663	45.368	ng	99
38) 1-Methylnaphthalene	12.419	142	1282083	44.845	ng	100
40) 1,2,4,5-Tetrachloroben...	12.578	216	707861	46.150	ng	99
41) Hexachlorocyclopentadiene	12.560	237	757715	81.783	ng	98
43) 2,4,6-Trichlorophenol	12.825	196	512160	49.460	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	573610	50.543	ng	98
46) 1,1'-Biphenyl	13.219	154	1789636	46.399	ng	98
47) 2-Chloronaphthalene	13.266	162	1380892	45.989	ng	100
48) 2-Nitroaniline	13.466	65	456032	52.123	ng	98
49) Acenaphthylene	14.119	152	2334553	46.986	ng	100
50) Dimethylphthalate	13.848	163	1874105	48.189	ng	100
51) 2,6-Dinitrotoluene	13.972	165	419118	51.130	ng	97
52) Acenaphthene	14.466	154	1306715	44.805	ng	99
53) 3-Nitroaniline	14.307	138	329213	35.697	ng	96
54) 2,4-Dinitrophenol	14.513	184	507194	115.865	ng	99
55) Dibenzofuran	14.807	168	2136958	46.345	ng	99
56) 4-Nitrophenol	14.637	139	739393	97.565	ng	94
57) 2,4-Dinitrotoluene	14.766	165	603327	51.588	ng	94
58) Fluorene	15.466	166	1687124	46.371	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.042	232	514506	51.343	ng	99
60) Diethylphthalate	15.231	149	1936184	48.996	ng	100
61) 4-Chlorophenyl-phenyle...	15.454	204	844472	46.669	ng	96
62) 4-Nitroaniline	15.489	138	471135	49.831	ng	98
63) Azobenzene	15.760	77	1701160	50.275	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	360084	53.128	ng	89
66) n-Nitrosodiphenylamine	15.672	169	1594046	48.077	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	572923	47.910	ng	97
68) Hexachlorobenzene	16.489	284	672803	48.535	ng	97
69) Atrazine	16.654	200	608818	49.031	ng	98
70) Pentachlorophenol	16.848	266	862459	98.561	ng	97
71) Phenanthrene	17.242	178	2766200	46.312	ng	99
72) Anthracene	17.331	178	2879177	47.203	ng	100
73) Carbazole	17.613	167	2702229	47.034	ng	100
74) Di-n-butylphthalate	18.201	149	3461380	48.969	ng	100
75) Fluoranthene	19.325	202	3257120	45.716	ng	99
77) Benzidine	19.519	184	1430954	37.137	ng	99
78) Pyrene	19.695	202	3464576	47.211	ng	100
80) Butylbenzylphthalate	20.642	149	1628807	48.973	ng	99
81) Benzo(a)anthracene	21.613	228	3475908	46.681	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	924024	32.923	ng	99
83) Chrysene	21.683	228	3233707	46.373	ng	99
84) Bis(2-ethylhexyl)phtha...	21.548	149	2324218	47.473	ng	99
85) Di-n-octyl phthalate	22.824	149	4101560	48.705	ng	99
87) Indeno(1,2,3-cd)pyrene	28.859	276	4163923	46.068	ng	94
88) Benzo(b)fluoranthene	23.942	252	3514330	48.355	ng	99
89) Benzo(k)fluoranthene	24.013	252	3450944	47.451	ng	99
90) Benzo(a)pyrene	24.854	252	3359525	47.487	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	3460052	46.843	ng	99
92) Benzo(g,h,i)perylene	30.042	276	3338490	45.980	ng	98

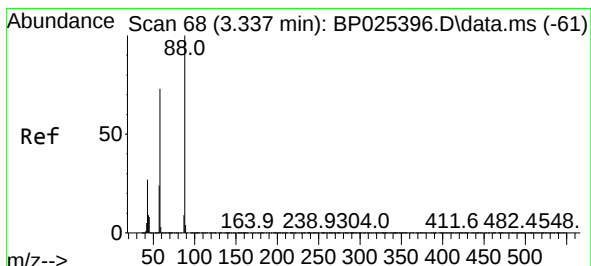
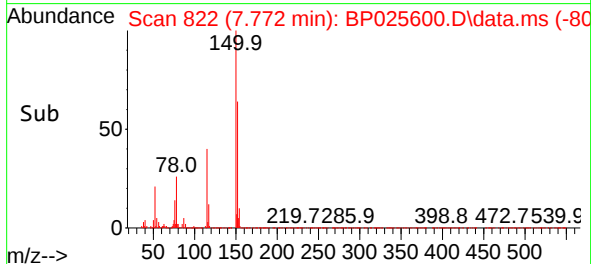
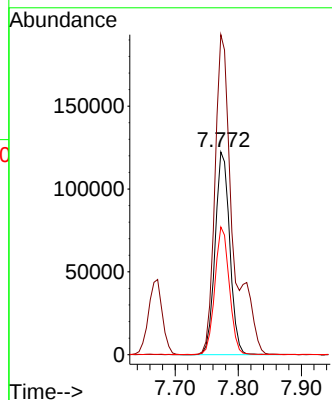
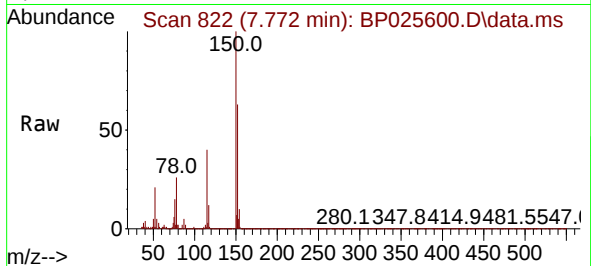
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025600.D
 Acq: 27 Aug 2025 12:23

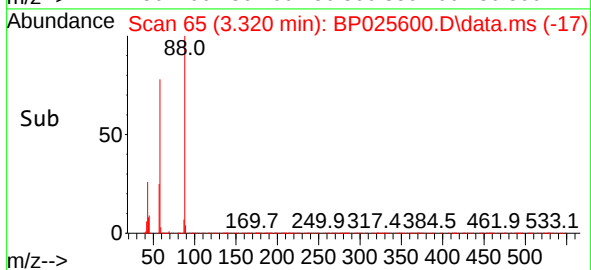
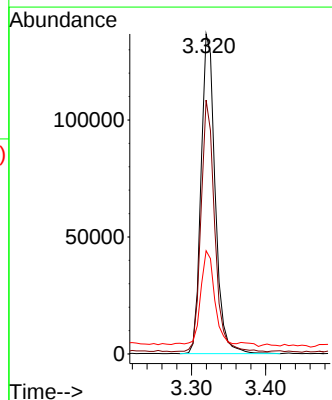
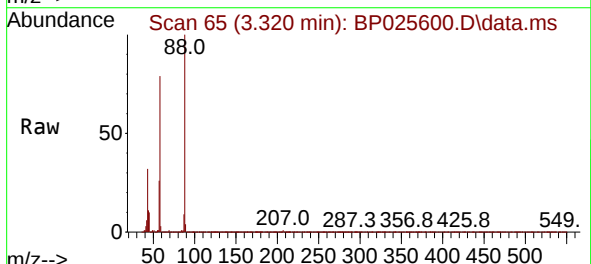
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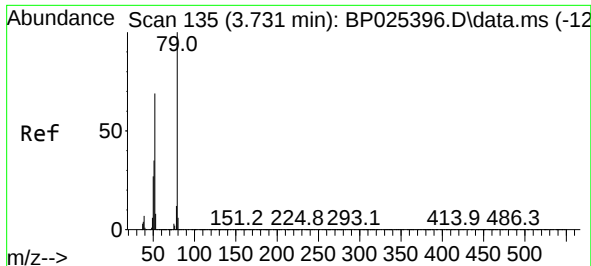
Tgt Ion:152 Resp: 196360
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.9 188.9
 115 63.0 48.5 72.7



#2
 1,4-Dioxane
 Concen: 39.091 ng
 RT: 3.320 min Scan# 65
 Delta R.T. -0.018 min
 Lab File: BP025600.D
 Acq: 27 Aug 2025 12:23

Tgt Ion: 88 Resp: 181047
 Ion Ratio Lower Upper
 88 100
 58 76.1 59.2 88.8
 43 28.5 21.7 32.5

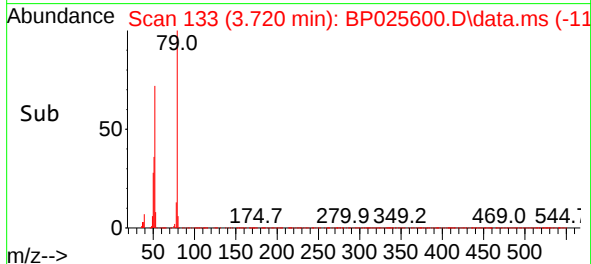
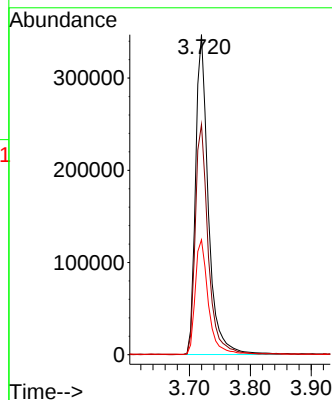
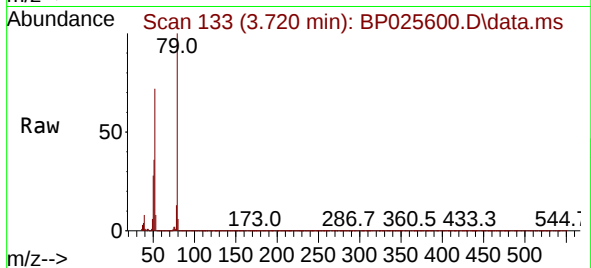




#3
Pyridine
Concen: 40.007 ng
RT: 3.720 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

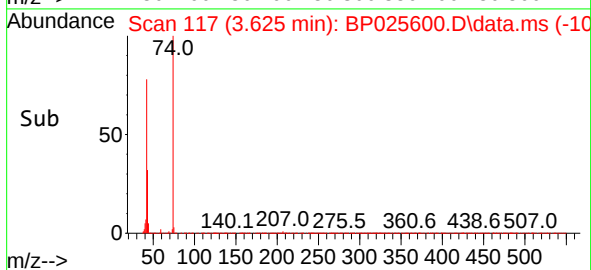
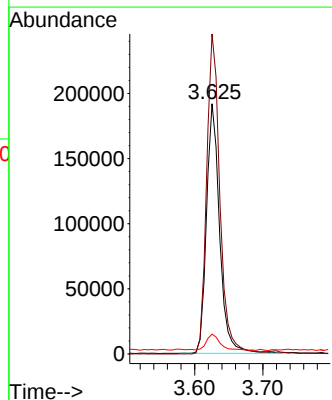
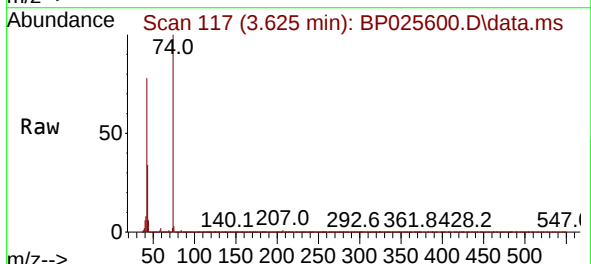
Instrument :
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ClientSampleId :
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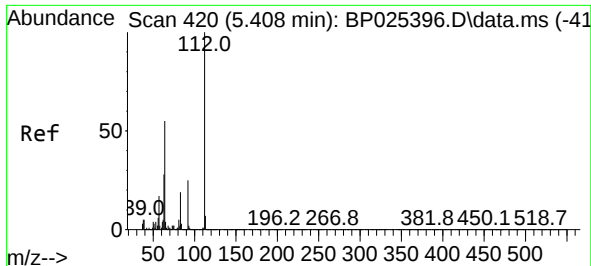
Tgt Ion: 79 Resp: 507146
Ion Ratio Lower Upper
79 100
52 72.0 55.5 83.3
51 35.9 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 49.118 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 42 Resp: 256700
Ion Ratio Lower Upper
42 100
74 127.8 107.0 160.4
44 8.0 6.2 9.4

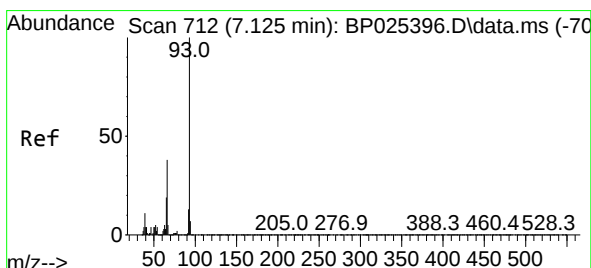
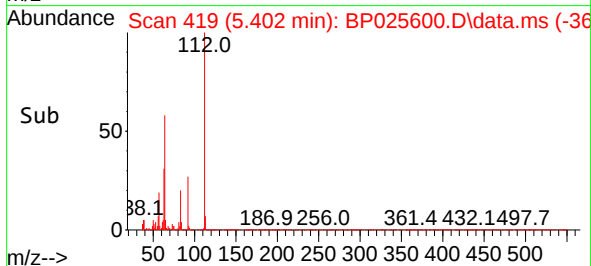
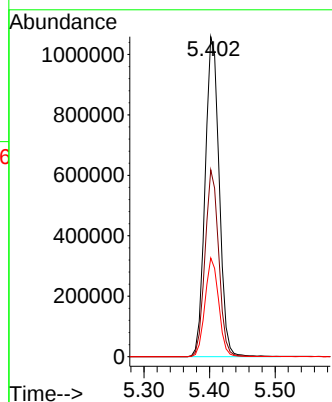
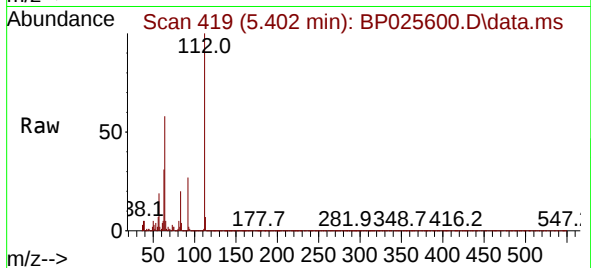




#5
2-Fluorophenol
Concen: 133.850 ng
RT: 5.402 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

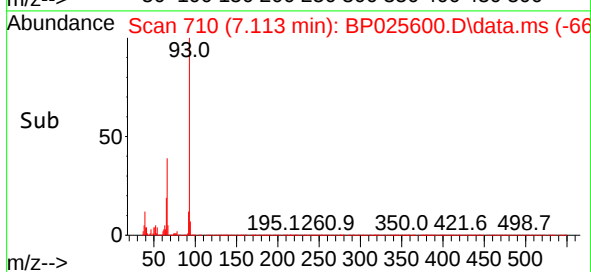
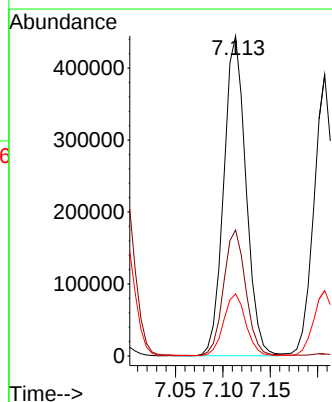
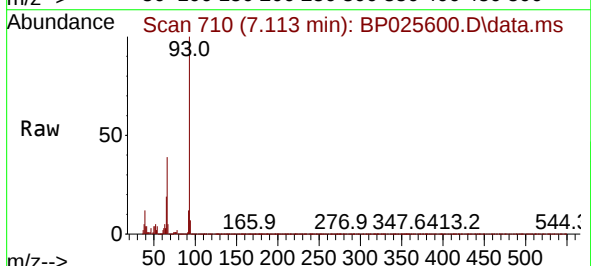
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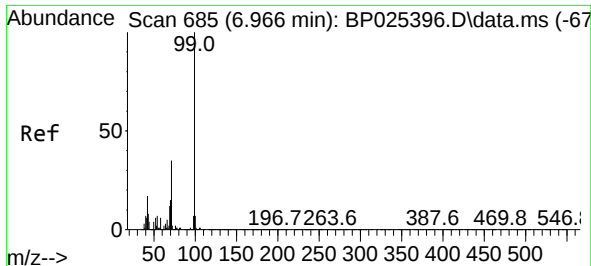
Tgt Ion:112 Resp: 1582633
Ion Ratio Lower Upper
112 100
64 58.4 43.8 65.8
63 30.9 22.7 34.1



#6
Aniline
Concen: 35.407 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 93 Resp: 723181
Ion Ratio Lower Upper
93 100
66 39.4 30.4 45.6
65 19.4 15.3 22.9

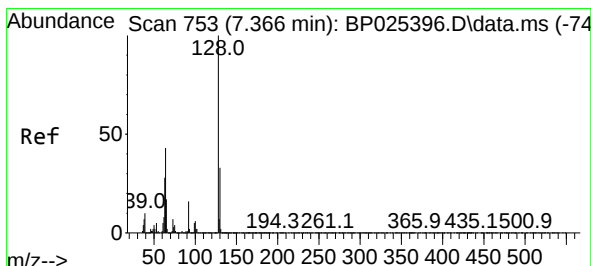
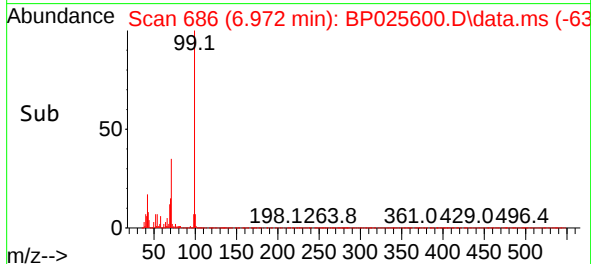
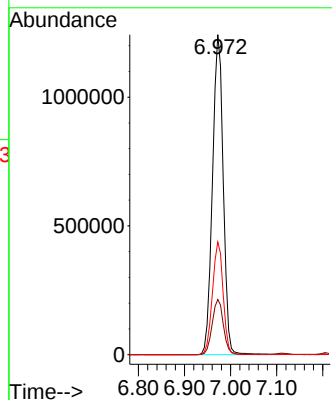
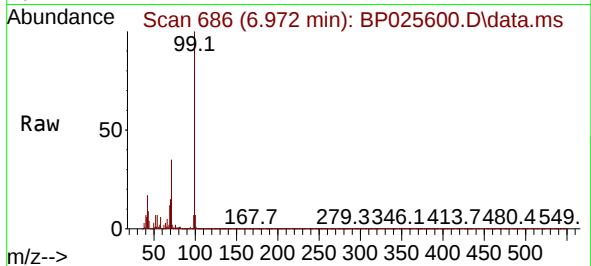




#7
Phenol-d6
Concen: 133.158 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

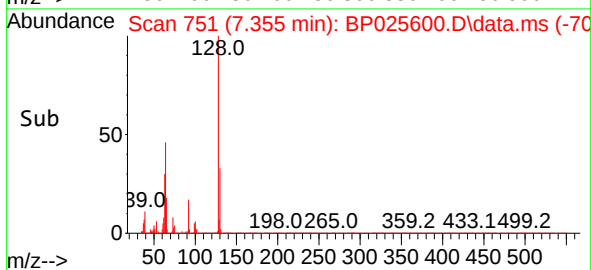
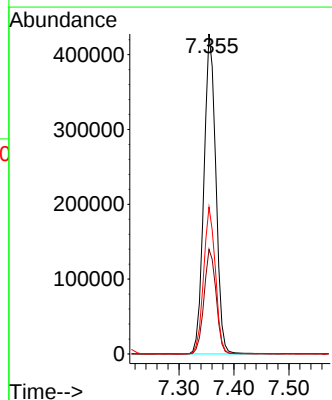
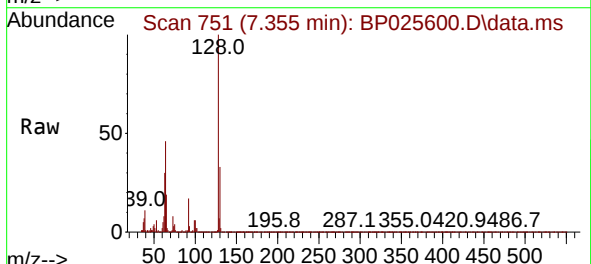
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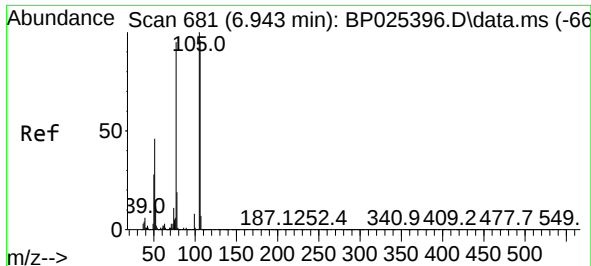
Tgt Ion: 99 Resp: 2018583
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 35.3 28.2 42.4



#8
2-Chlorophenol
Concen: 48.509 ng
RT: 7.355 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 128 Resp: 647238
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 45.9 23.4 63.4

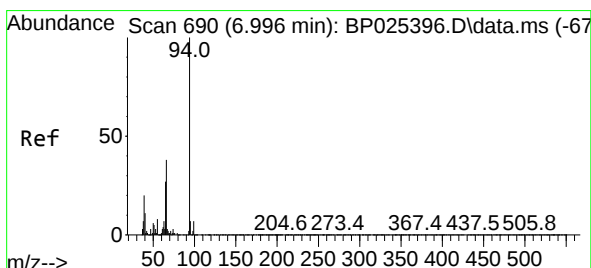
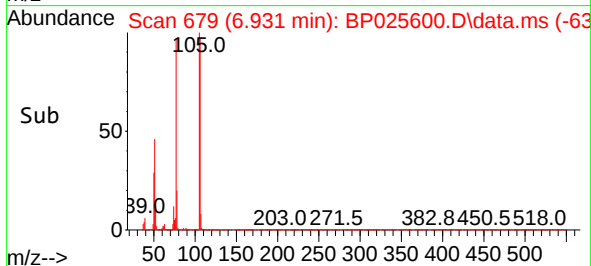
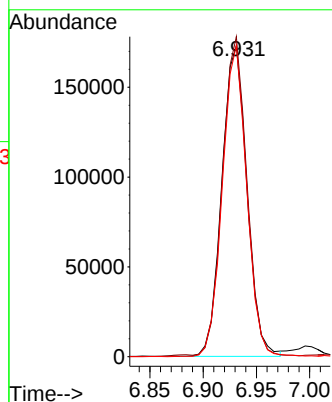
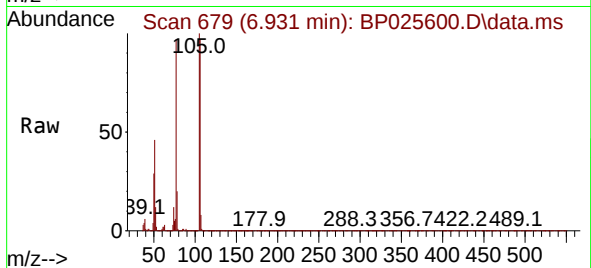




#9
Benzaldehyde
Concen: 26.615 ng
RT: 6.931 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

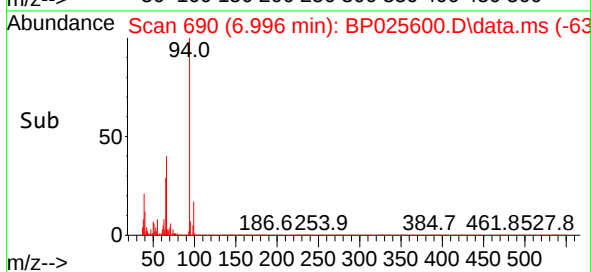
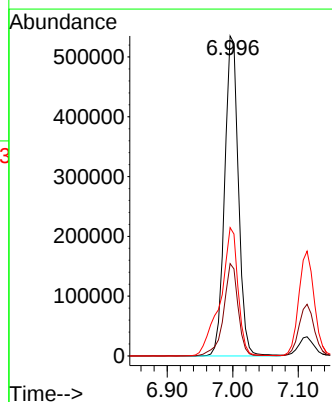
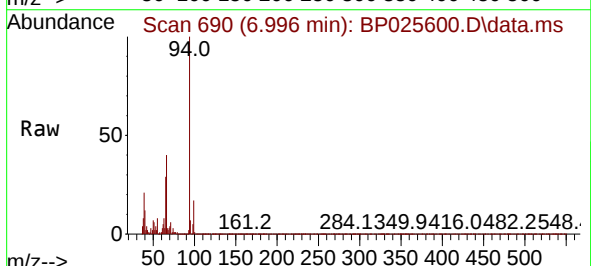
Instrument :
BNA_P
ClientSampleId :
PB169382BS

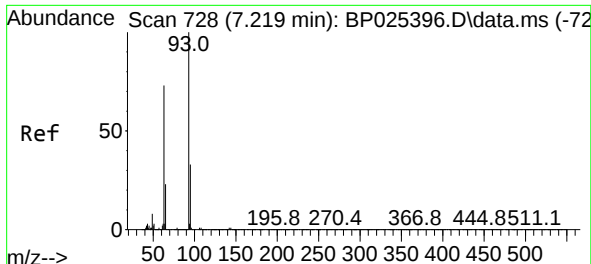
Tgt Ion: 77 Resp: 282672
Ion Ratio Lower Upper
77 100
105 102.9 84.8 124.8
106 100.1 80.5 120.5



#10
Phenol
Concen: 48.861 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 94 Resp: 777230
Ion Ratio Lower Upper
94 100
65 28.9 6.8 46.8
66 40.1 18.2 58.2



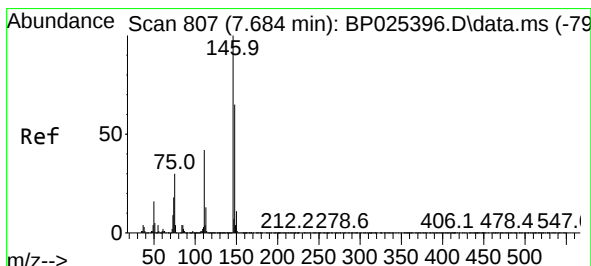
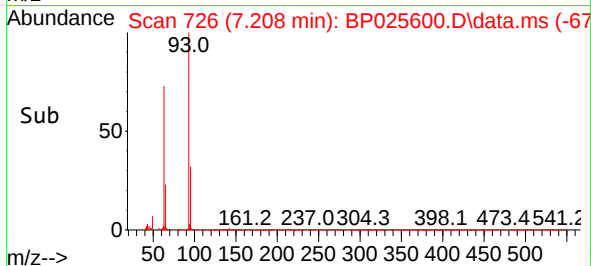
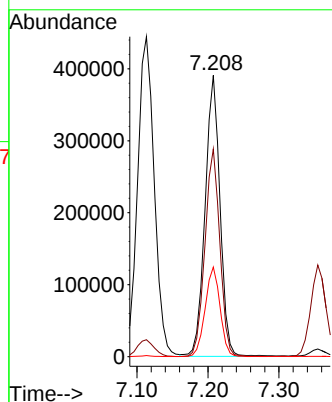
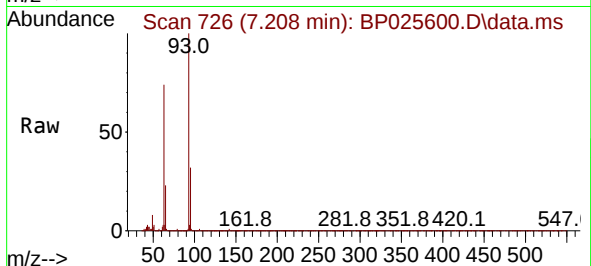


#11
 bis(2-Chloroethyl)ether
 Concen: 46.086 ng
 RT: 7.208 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP025600.D
 Acq: 27 Aug 2025 12:23

Instrument :
 BNA_P
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 PB169382BS

Tgt Ion: 93 Resp: 571383

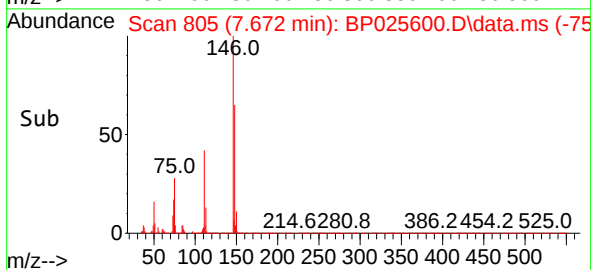
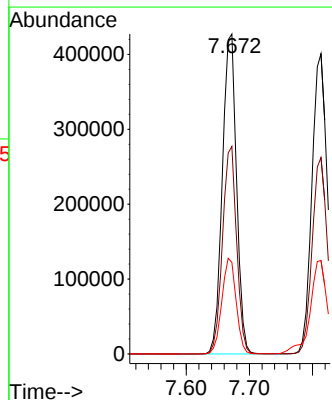
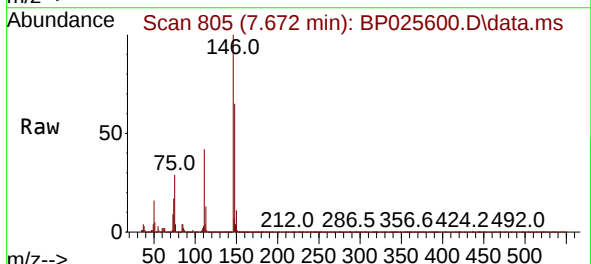
Ion	Ratio	Lower	Upper
93	100		
63	73.8	52.6	92.6
95	31.9	12.7	52.7

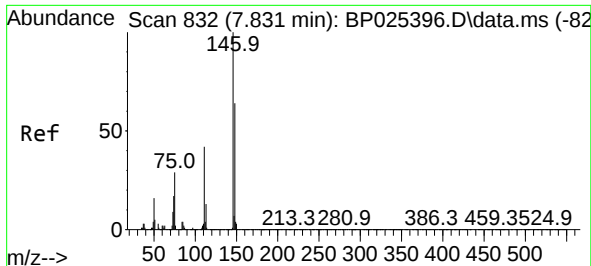


#12
 1,3-Dichlorobenzene
 Concen: 45.287 ng
 RT: 7.672 min Scan# 805
 Delta R.T. -0.012 min
 Lab File: BP025600.D
 Acq: 27 Aug 2025 12:23

Tgt Ion: 146 Resp: 666297

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	28.6	23.7	35.5

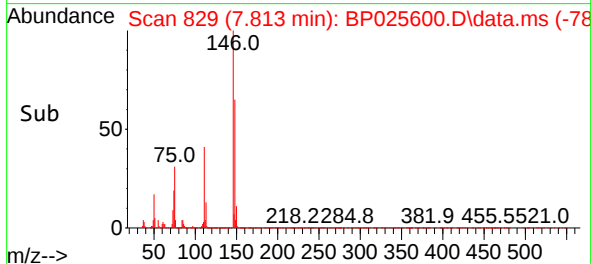
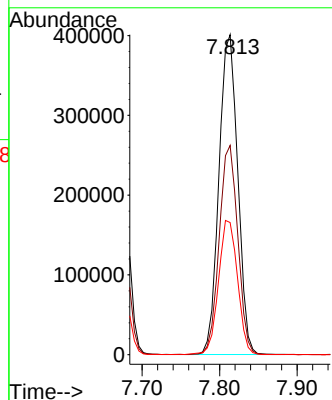
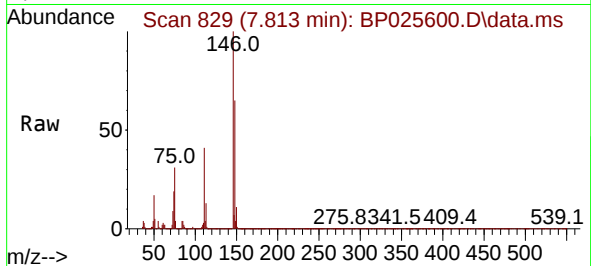




#13
1,4-Dichlorobenzene
Concen: 44.996 ng
RT: 7.813 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

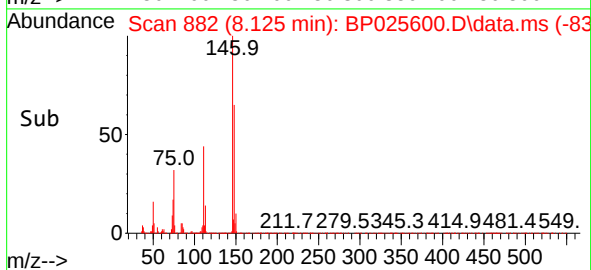
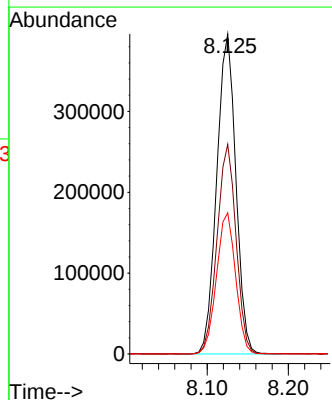
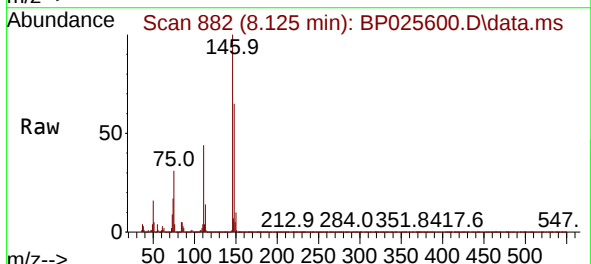
Instrument :
BNA_P
ClientSampleId :
PB169382BS

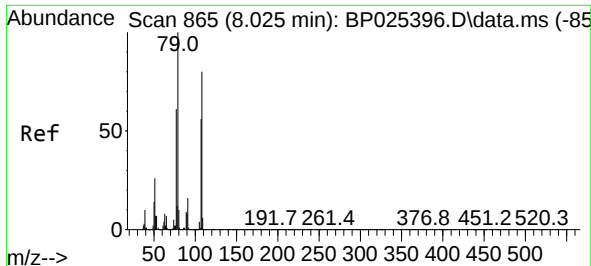
Tgt Ion:146 Resp: 676644
Ion Ratio Lower Upper
146 100
148 65.4 51.6 77.4
111 41.3 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 44.440 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.018 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:146 Resp: 646907
Ion Ratio Lower Upper
146 100
148 65.5 50.4 75.6
111 44.1 34.5 51.7

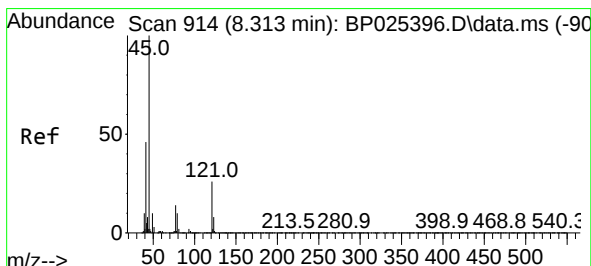
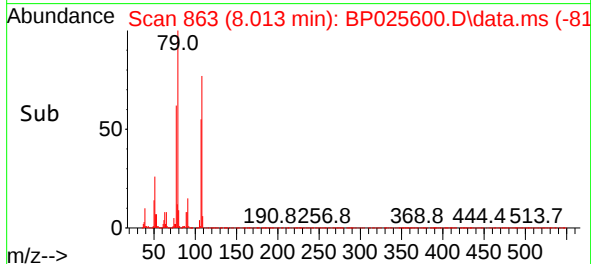
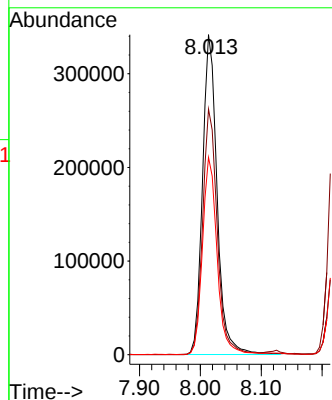
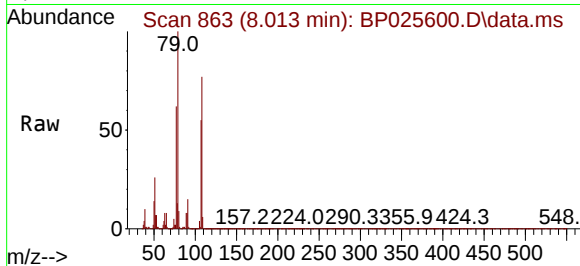




#15
Benzyl Alcohol
Concen: 47.358 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

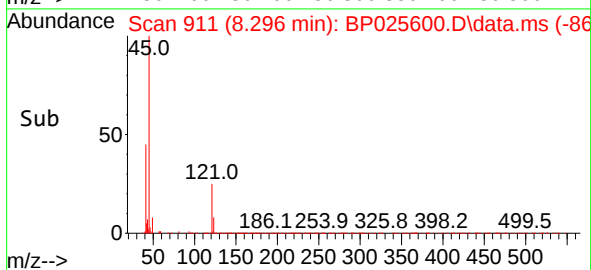
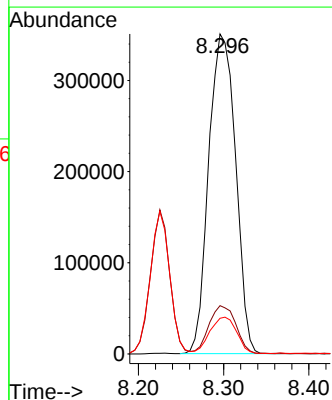
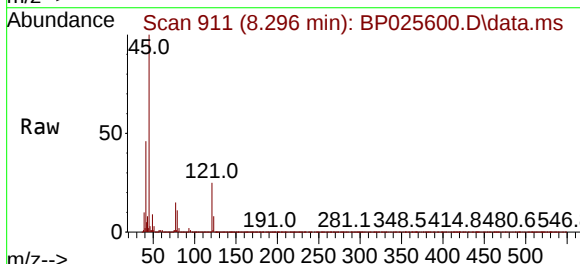
Instrument :
BNA_P
ClientSampleId :
PB169382BS

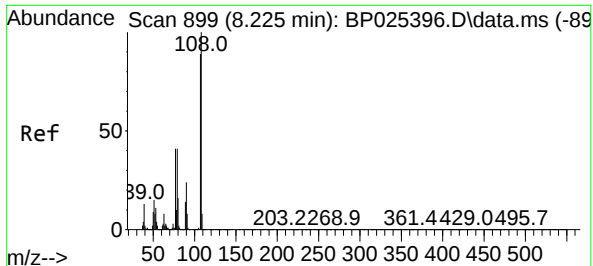
Tgt Ion: 79 Resp: 570434
Ion Ratio Lower Upper
79 100
108 76.7 63.8 95.6
77 61.7 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.415 ng
RT: 8.296 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 45 Resp: 770887
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.3
79 11.2 0.0 31.8

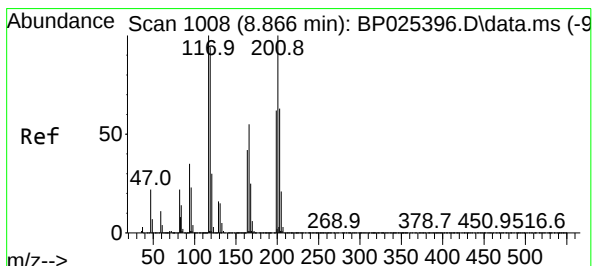
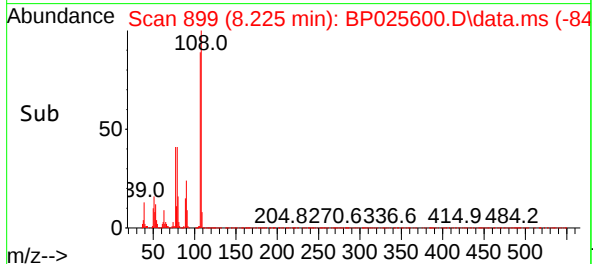
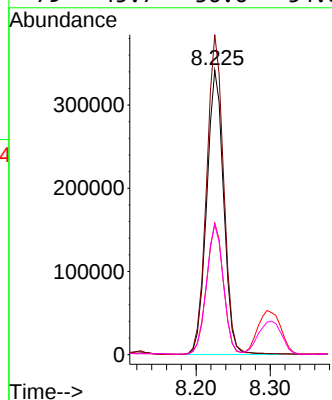
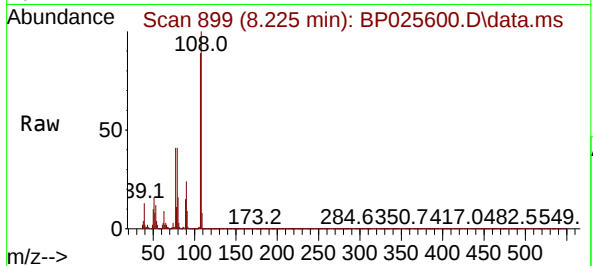




#17
2-Methylphenol
Concen: 49.259 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

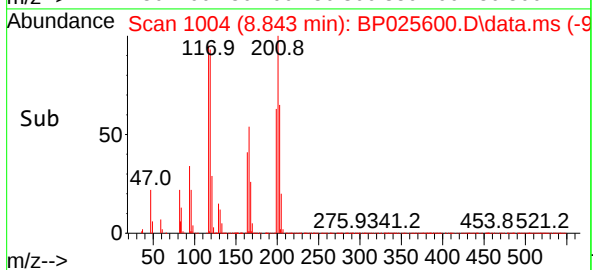
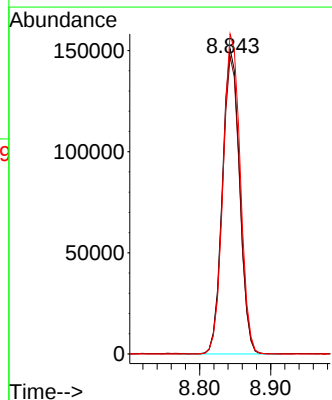
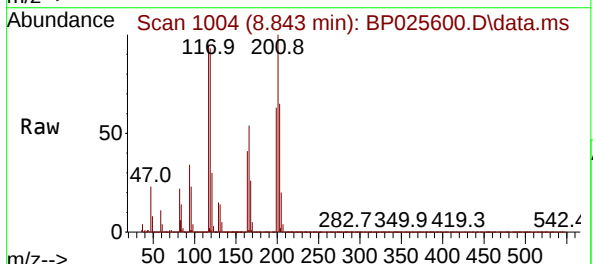
Instrument :
BNA_P
ClientSampleId :
PB169382BS

Tgt Ion:	107	Resp:	544196
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.4	134.0
77	46.3	36.3	54.5
79	45.7	36.6	54.8



#18
Hexachloroethane
Concen: 45.947 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.023 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:	117	Resp:	254048
Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.1	112.7
201	104.9	80.1	120.1

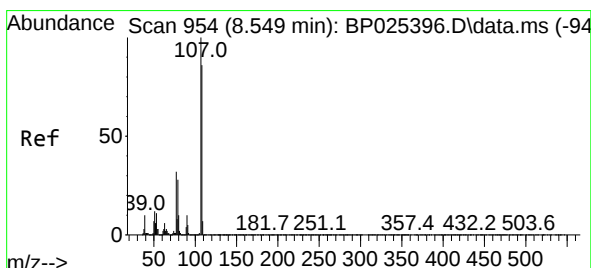
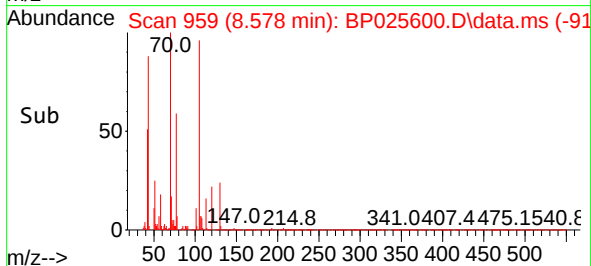
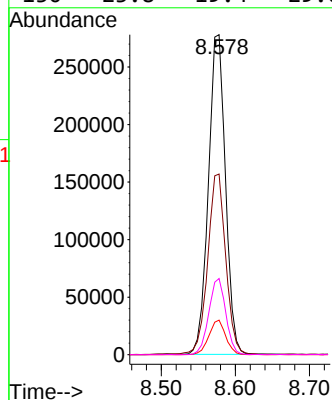
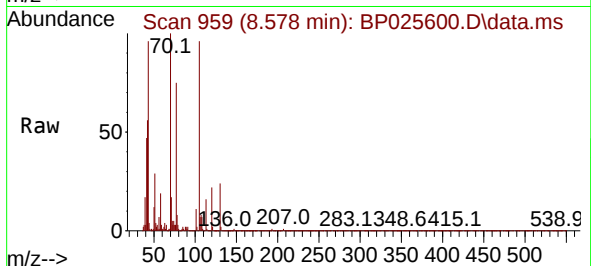




#19
n-Nitroso-di-n-propylamine
Concen: 44.233 ng
RT: 8.578 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

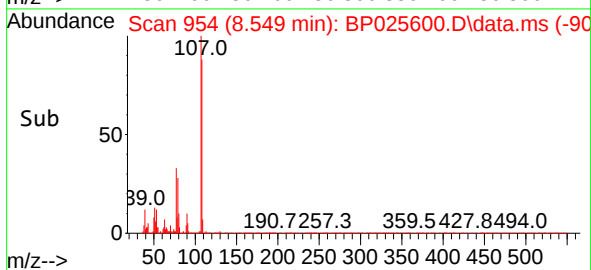
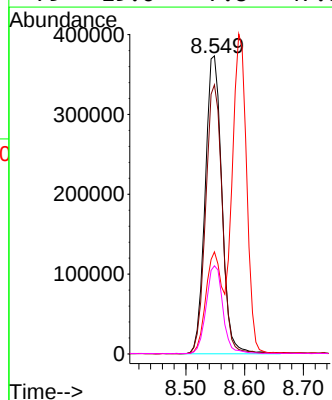
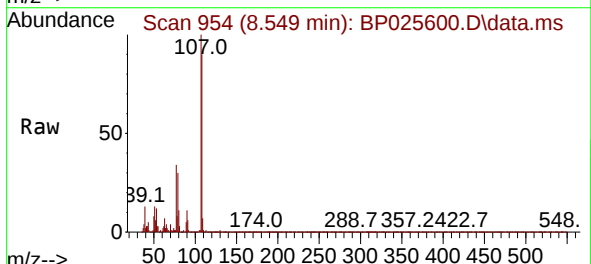
Instrument :
BNA_P
ClientSampleId :
PB169382BS

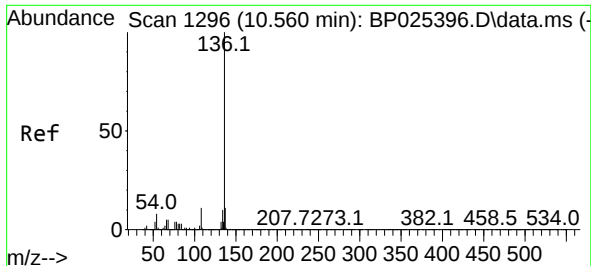
Tgt Ion: 70 Resp: 444153
Ion Ratio Lower Upper
70 100
42 56.5 43.8 65.6
101 10.8 8.5 12.7
130 23.8 19.4 29.0



#20
3+4-Methylphenols
Concen: 48.315 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 107 Resp: 739884
Ion Ratio Lower Upper
107 100
108 90.3 66.3 106.3
77 34.3 12.3 52.3
79 29.6 7.8 47.8

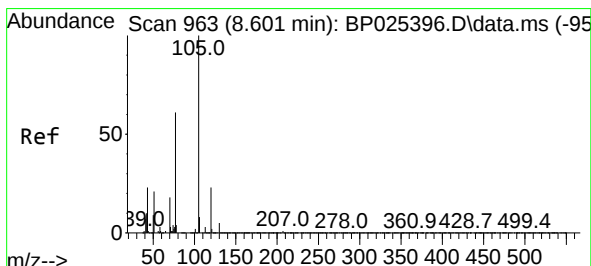
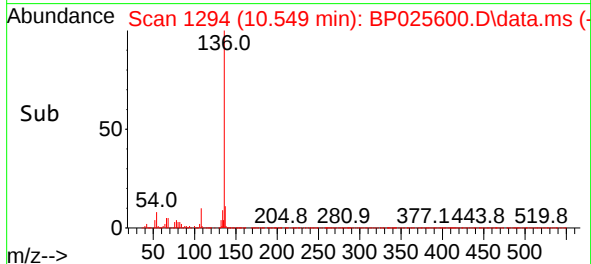
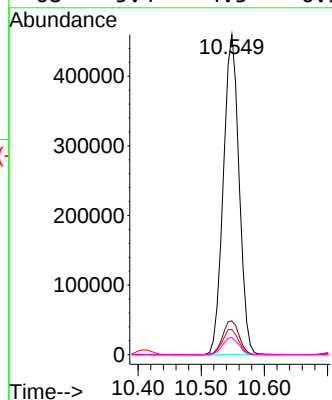
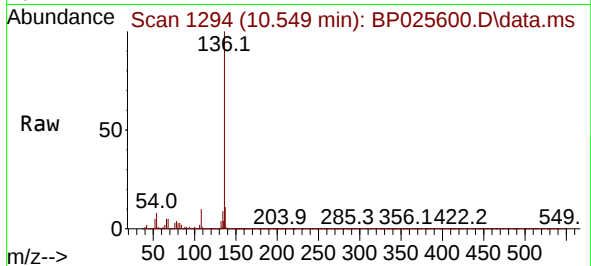




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

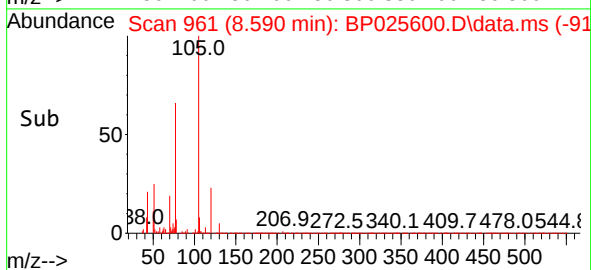
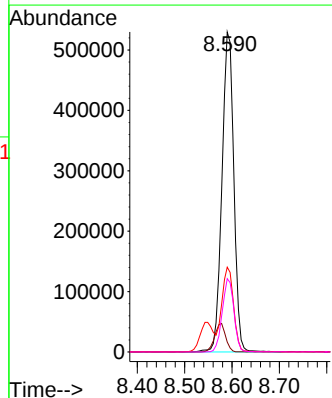
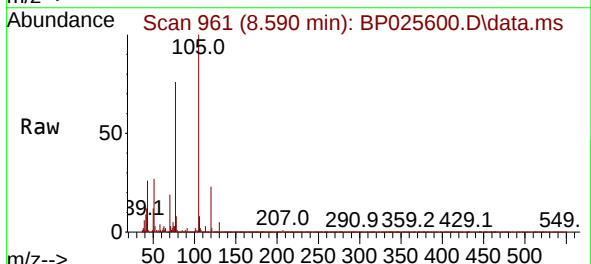
Instrument :
BNA_P
ClientSampleId :
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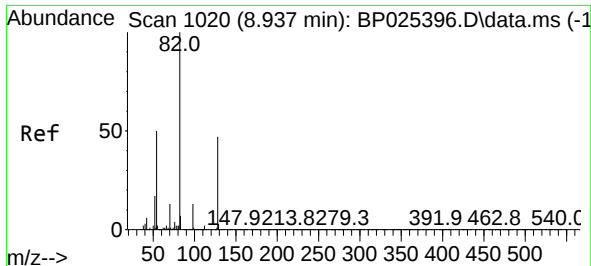
Tgt Ion:	136	Resp:	794802
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.9	6.0	9.0
68	5.4	4.3	6.5



#22
Acetophenone
Concen: 46.178 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:	105	Resp:	920425
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.6	4.0
51	26.5	20.6	30.8
120	22.9	18.6	27.8

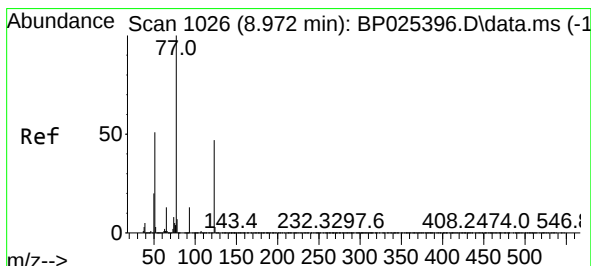
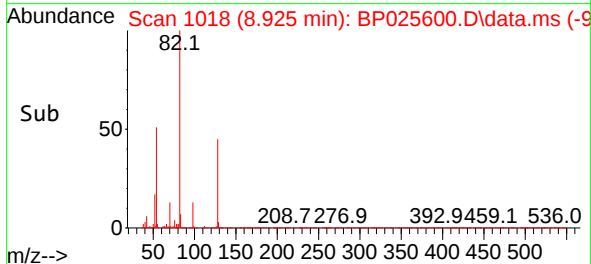
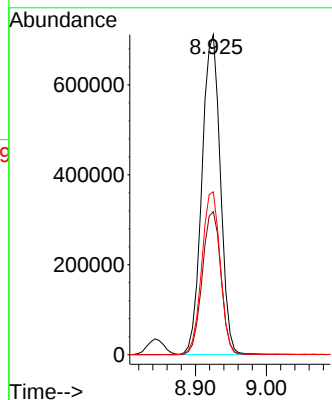
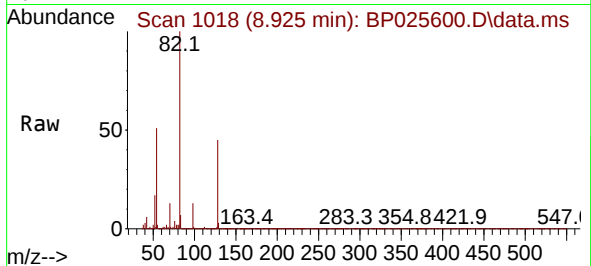




#23
Nitrobenzene-d5
Concen: 81.617 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

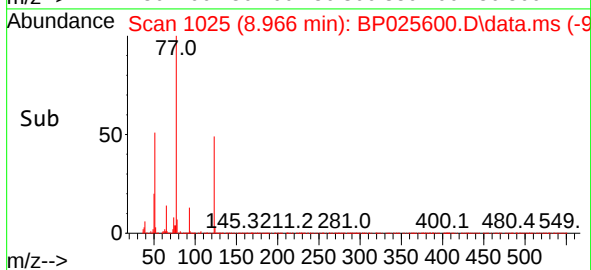
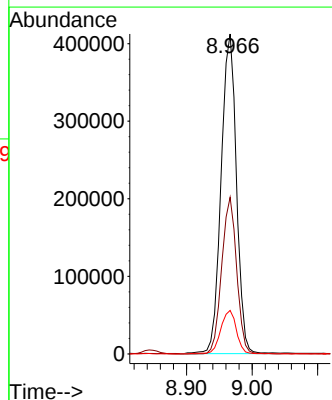
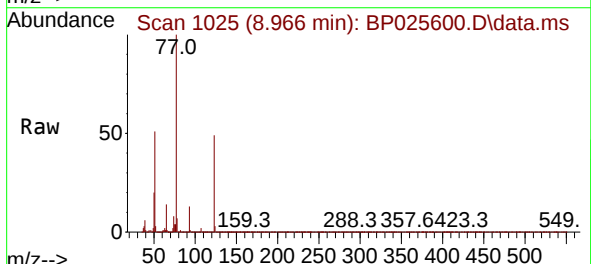
Instrument :
BNA_P
ClientSampleId :
PB169382BS

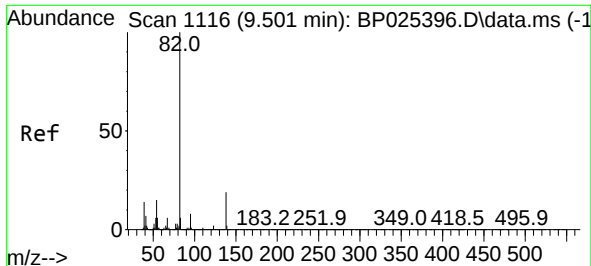
Tgt Ion: 82 Resp: 1282375
Ion Ratio Lower Upper
82 100
128 44.7 37.7 56.5
54 50.9 39.8 59.6



#24
Nitrobenzene
Concen: 47.405 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 77 Resp: 665660
Ion Ratio Lower Upper
77 100
123 49.0 38.6 58.0
65 13.6 10.6 15.8

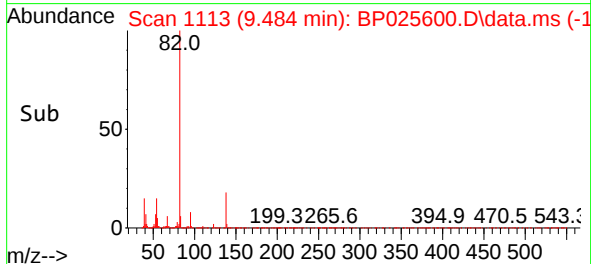
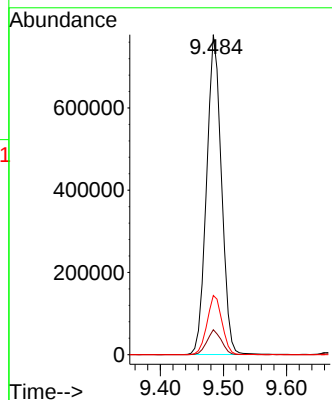
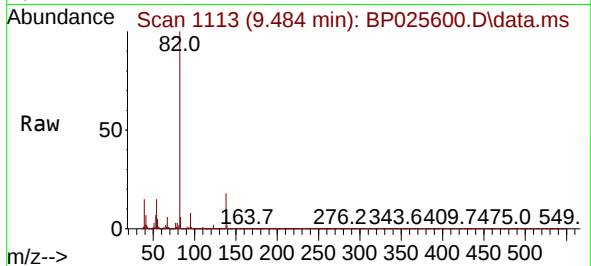




#25
Isophorone
Concen: 45.788 ng
RT: 9.484 min Scan# 1113
Delta R.T. -0.018 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

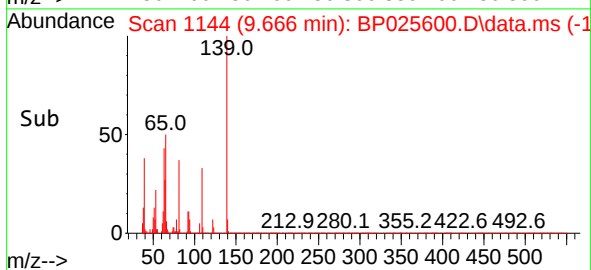
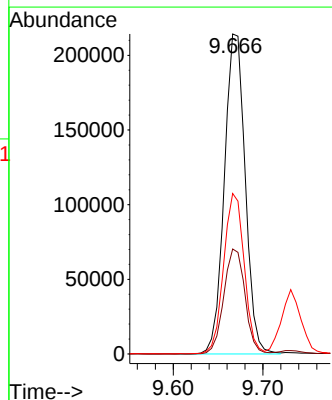
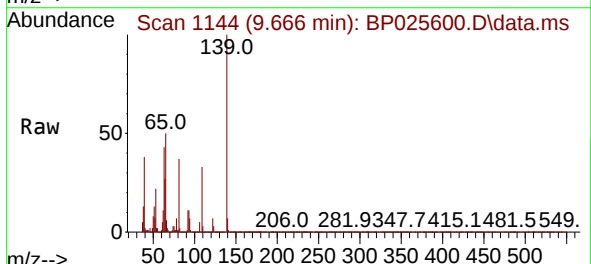
Instrument :
BNA_P
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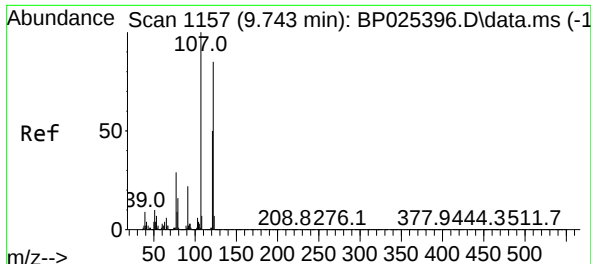
Tgt Ion: 82 Resp: 1273201
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.5 15.4 23.0



#26
2-Nitrophenol
Concen: 48.086 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 139 Resp: 346533
Ion Ratio Lower Upper
139 100
109 32.8 26.9 40.3
65 50.2 38.3 57.5

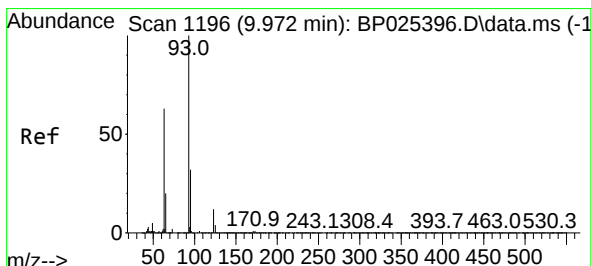
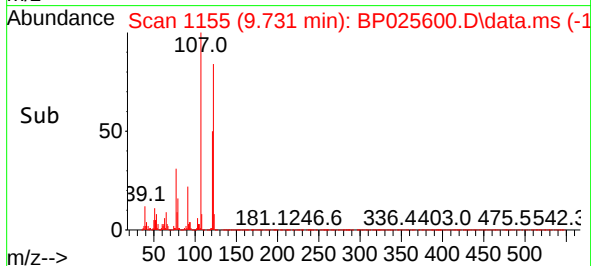
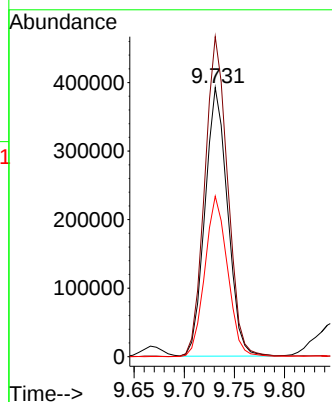
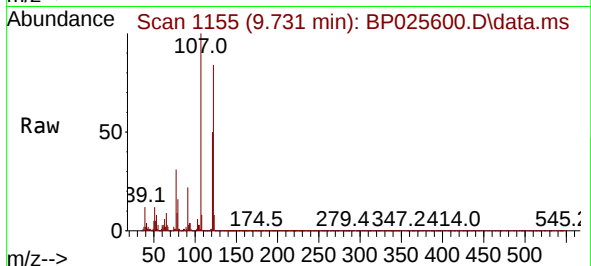




#27
2,4-Dimethylphenol
Concen: 49.654 ng
RT: 9.731 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

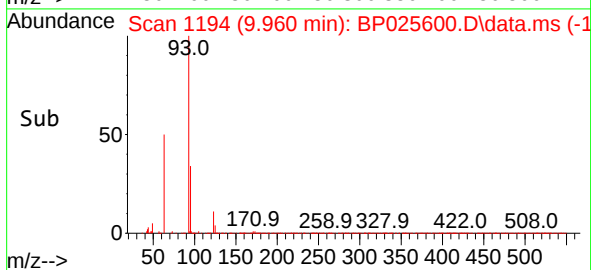
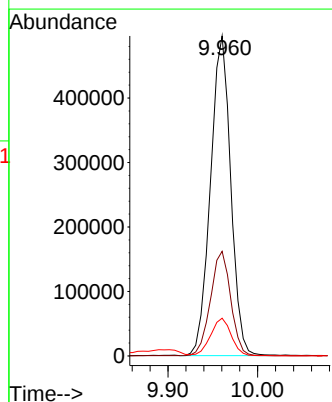
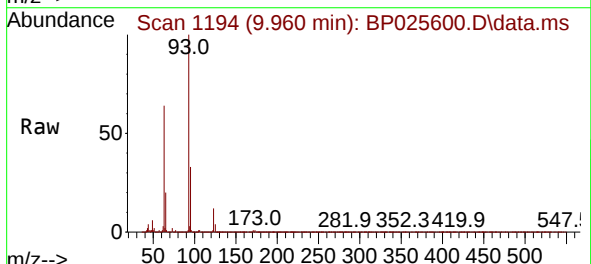
Instrument :
BNA_P
ClientSampleId :
PB169382BS

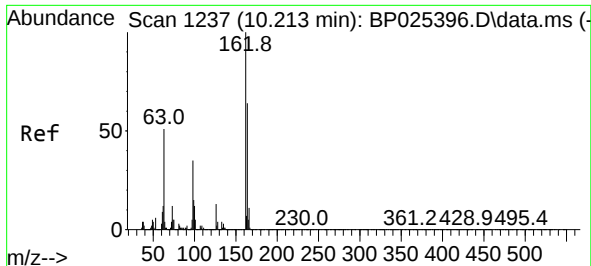
Tgt Ion:122 Resp: 615366
Ion Ratio Lower Upper
122 100
107 118.9 93.7 140.5
121 59.6 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.225 ng
RT: 9.960 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 93 Resp: 776971
Ion Ratio Lower Upper
93 100
95 32.7 25.4 38.0
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.539 ng

RT: 10.207 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Instrument :

BNA_P

ClientSampleId :

PB169382BS

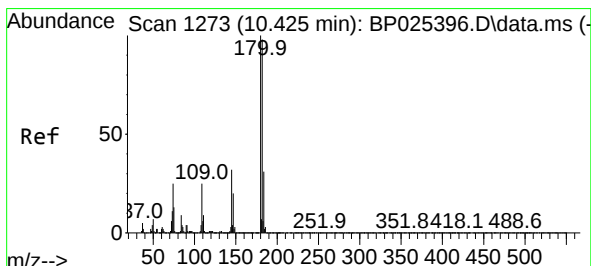
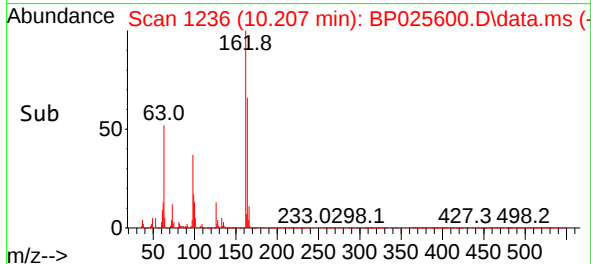
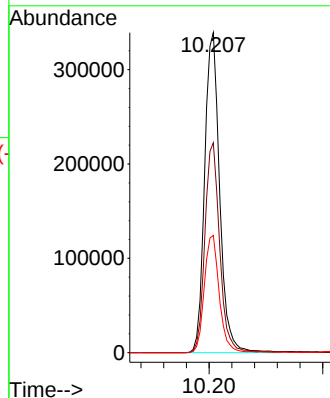
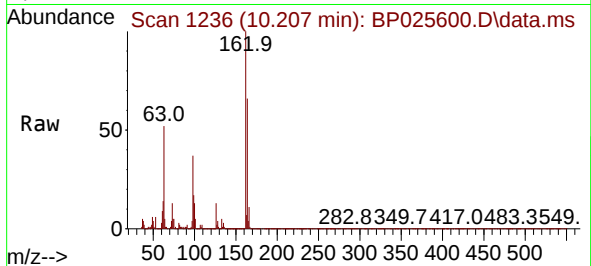
Tgt Ion:162 Resp: 622187

Ion Ratio Lower Upper

162 100

164 65.6 44.4 84.4

98 36.7 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 45.020 ng

RT: 10.413 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

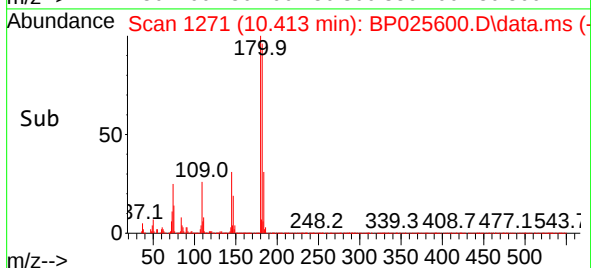
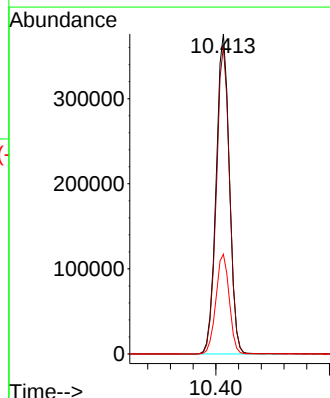
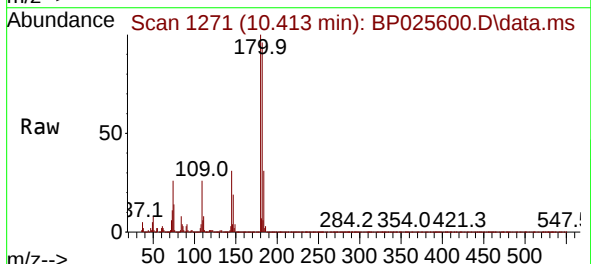
Tgt Ion:180 Resp: 607575

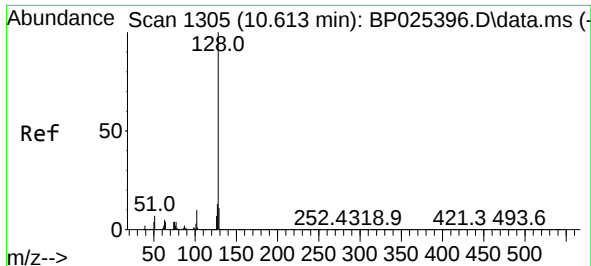
Ion Ratio Lower Upper

180 100

182 96.1 78.0 117.0

145 31.1 25.9 38.9

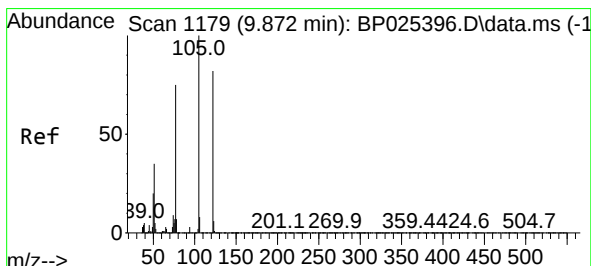
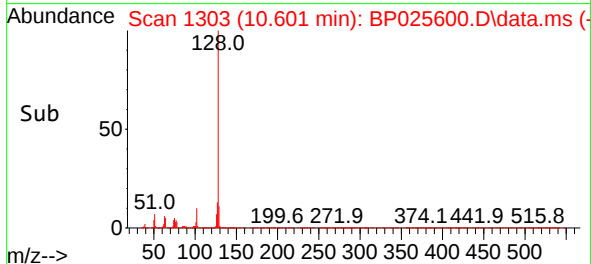
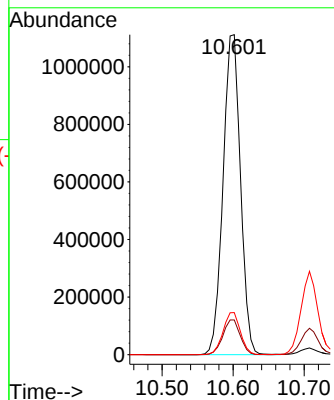
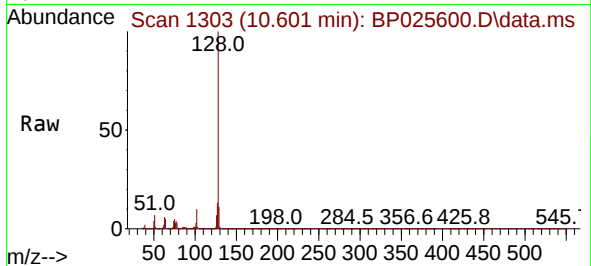




#31
Naphthalene
Concen: 45.701 ng
RT: 10.601 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

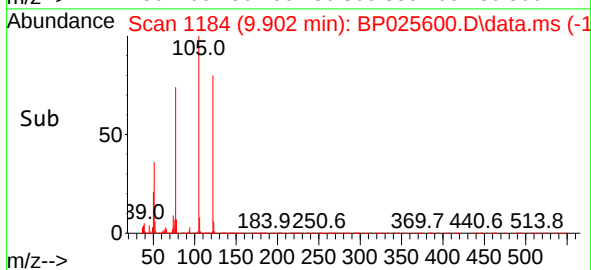
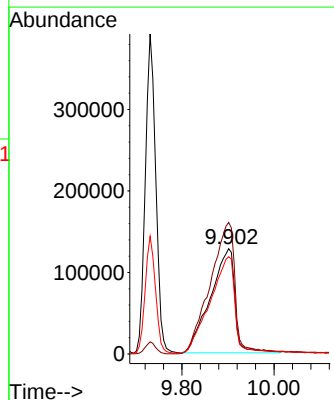
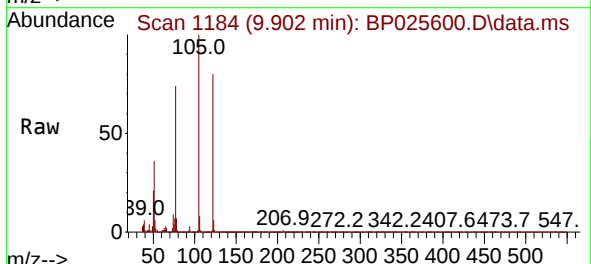
Instrument :
BNA_P
ClientSampleId :
PB169382BS

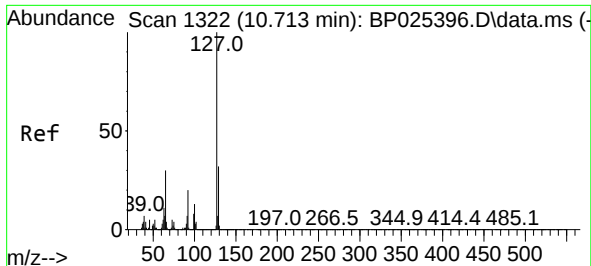
Tgt Ion:128 Resp: 1887940
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 51.846 ng
RT: 9.902 min Scan# 1184
Delta R.T. 0.030 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:122 Resp: 474361
Ion Ratio Lower Upper
122 100
105 125.1 100.6 140.6
77 92.4 71.5 111.5

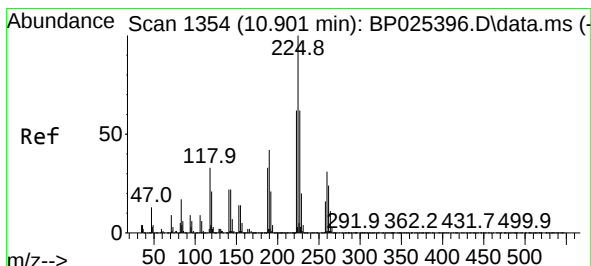
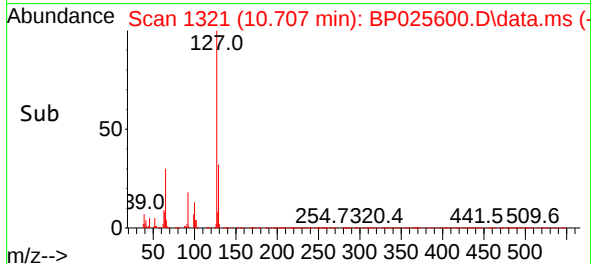
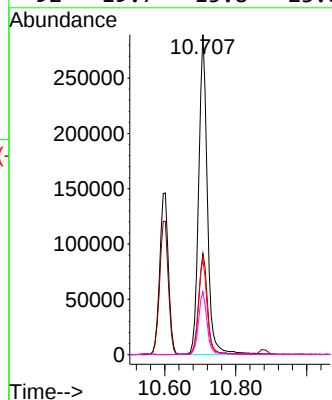
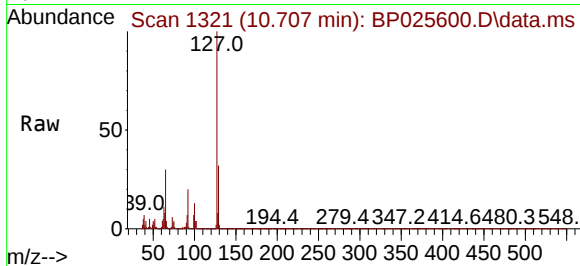




#33
4-Chloroaniline
Concen: 26.991 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

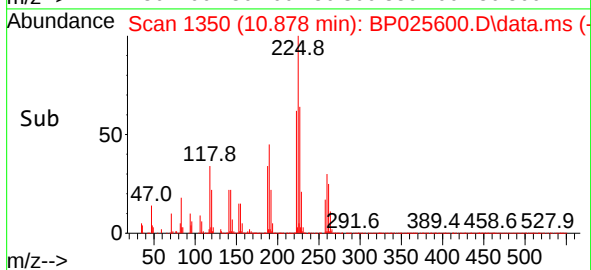
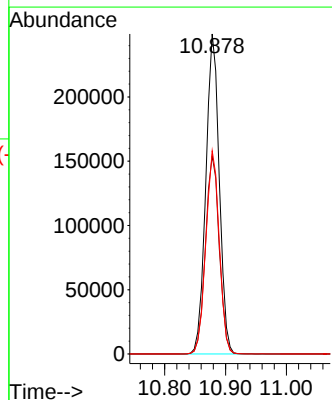
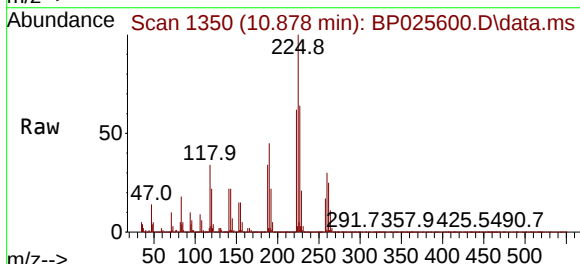
Instrument :
BNA_P
ClientSampleId :
PB169382BS

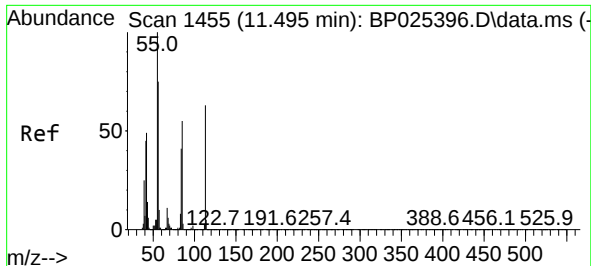
Tgt Ion:	127	Resp:	492521
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.4	38.2
65	29.8	23.8	35.6
92	19.7	15.8	23.8



#34
Hexachlorobutadiene
Concen: 45.435 ng
RT: 10.878 min Scan# 1350
Delta R.T. -0.023 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:	225	Resp:	381867
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.0	75.0
227	63.5	49.7	74.5

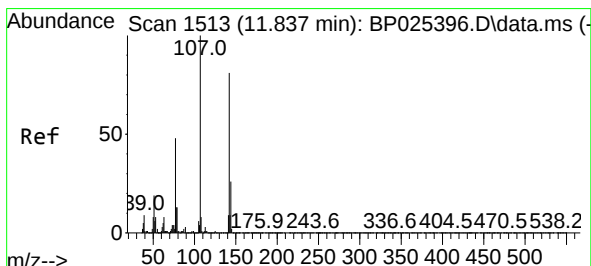
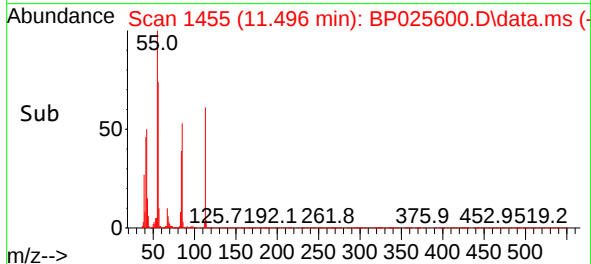
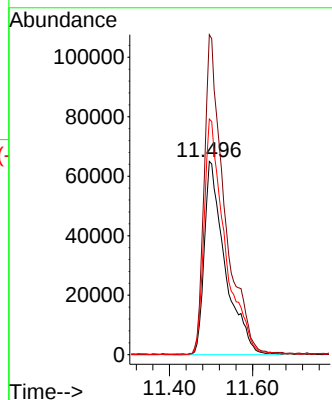
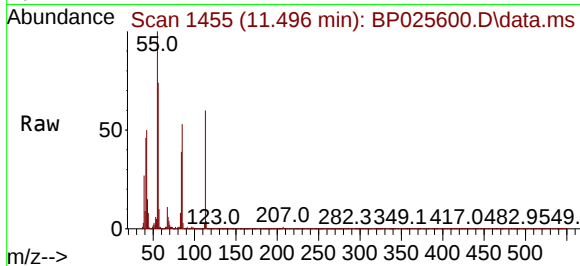




#35
Caprolactam
Concen: 49.864 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

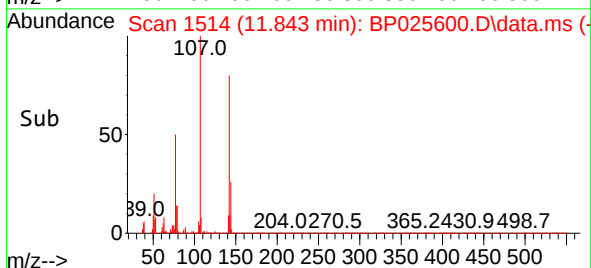
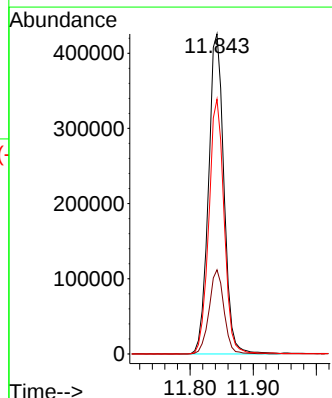
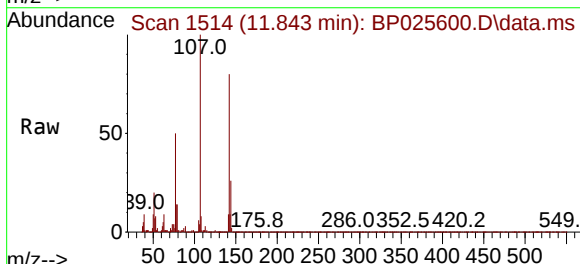
Instrument :
BNA_P
ClientSampleId :
PB169382BS

Tgt Ion:113 Resp: 225097
Ion Ratio Lower Upper
113 100
55 165.6 140.0 180.0
56 122.0 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 51.183 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:107 Resp: 723039
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.4
142 79.6 64.6 97.0

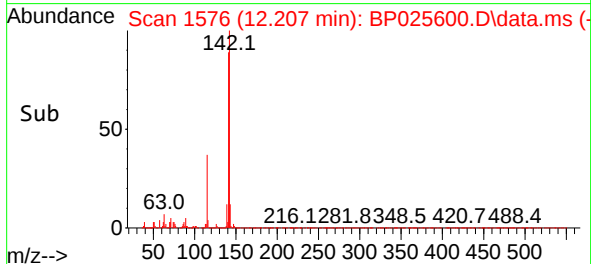
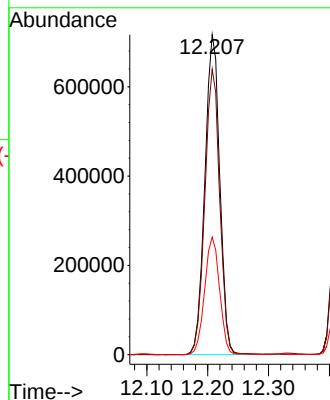
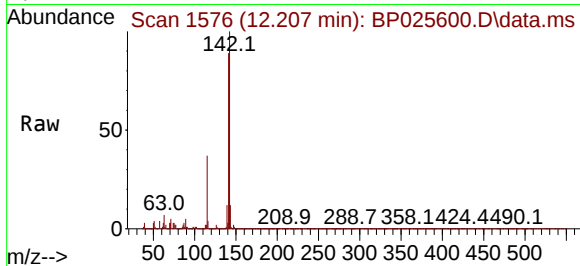




#37
2-Methylnaphthalene
Concen: 45.368 ng
RT: 12.207 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

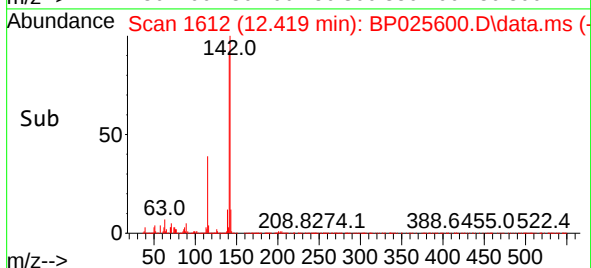
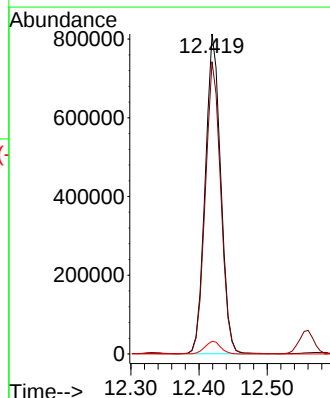
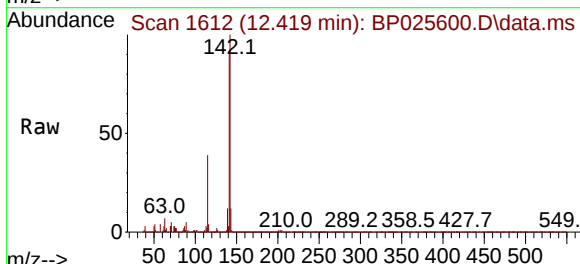
Instrument :
BNA_P
ClientSampleId :
PB169382BS

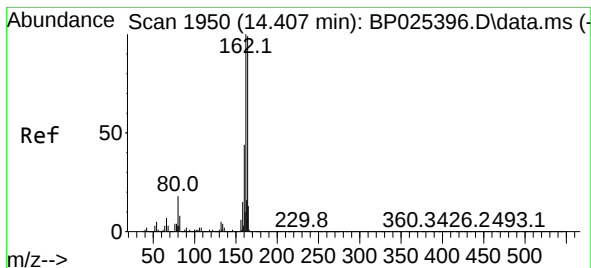
Tgt Ion:142 Resp: 1219663
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 36.7 28.9 43.3



#38
1-Methylnaphthalene
Concen: 44.845 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:142 Resp: 1282083
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.395 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Instrument :

BNA_P

ClientSampleId :

PB169382BS

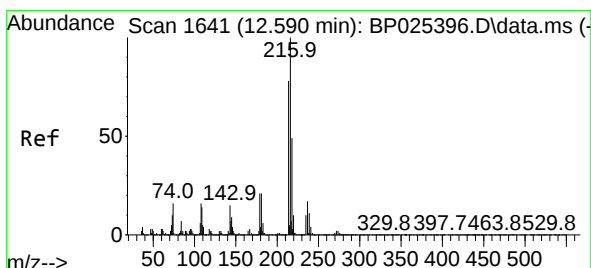
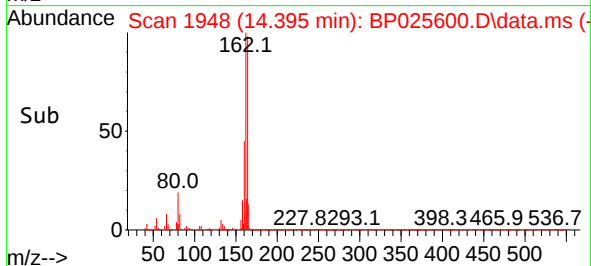
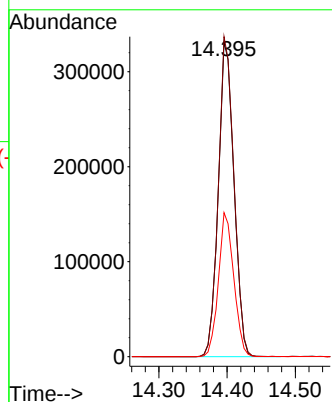
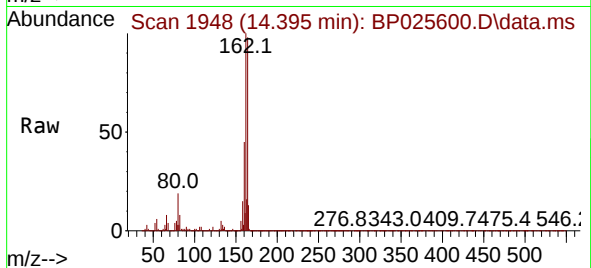
Tgt Ion:164 Resp: 531087

Ion Ratio Lower Upper

164 100

162 101.8 81.0 121.6

160 45.8 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.150 ng

RT: 12.578 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Tgt Ion:216 Resp: 707861

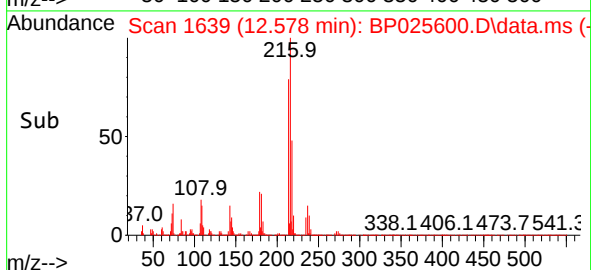
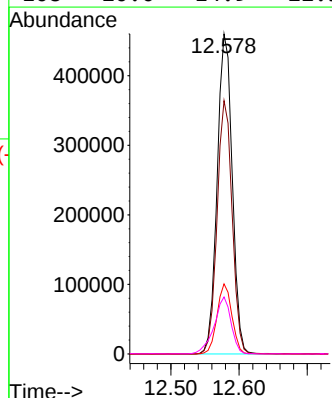
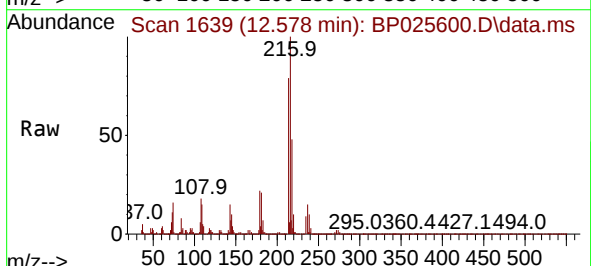
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 21.6 17.1 25.7

108 20.0 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 81.783 ng

RT: 12.560 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Instrument :

BNA_P

ClientSampleId :

PB169382BS

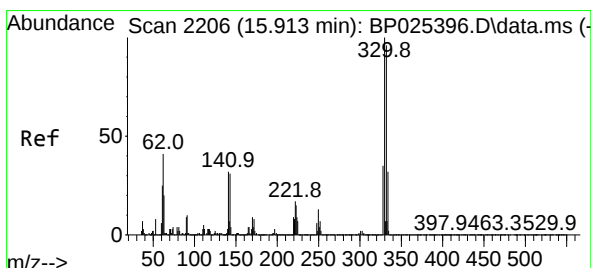
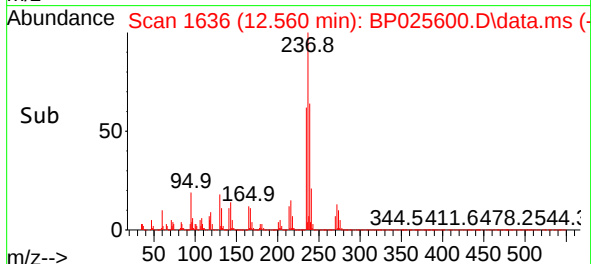
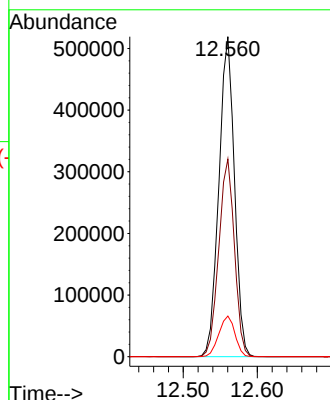
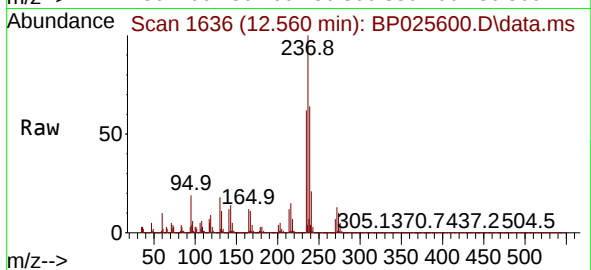
Tgt Ion:237 Resp: 757715

Ion Ratio Lower Upper

237 100

235 61.8 42.7 82.7

272 12.7 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 141.347 ng

RT: 15.913 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

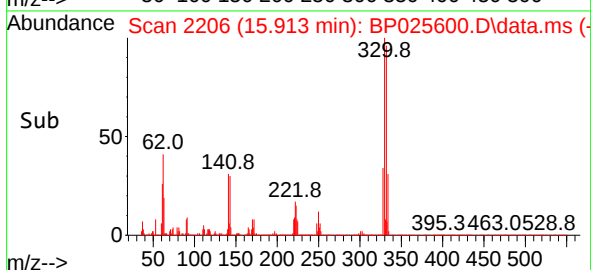
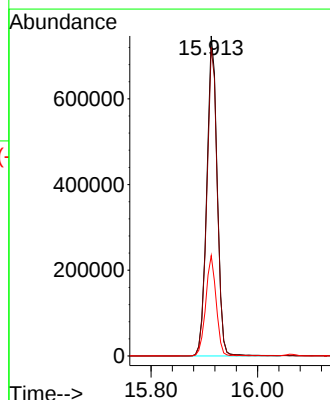
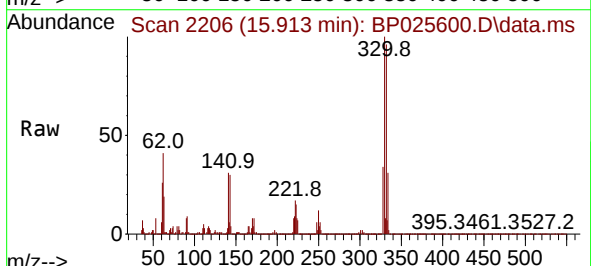
Tgt Ion:330 Resp: 1010417

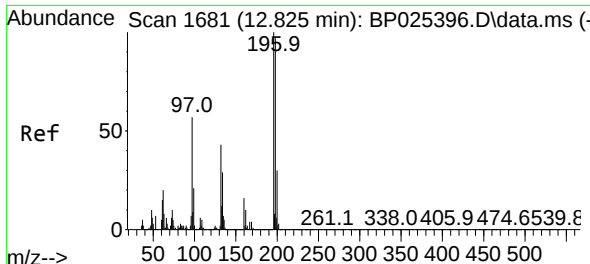
Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 31.4 26.6 39.8

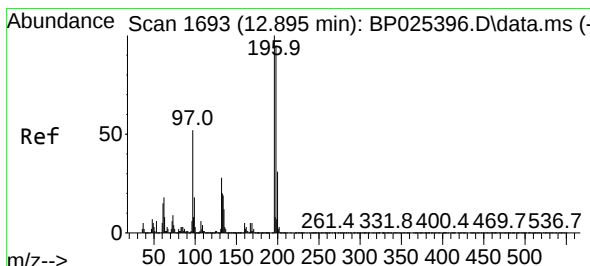
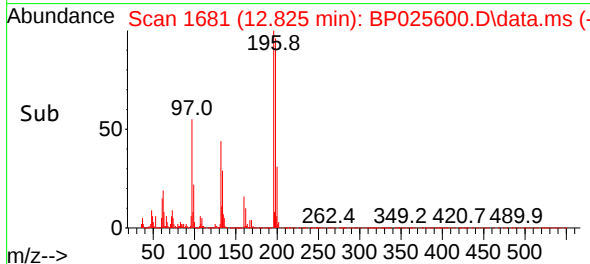
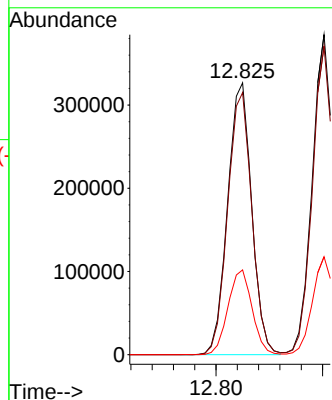
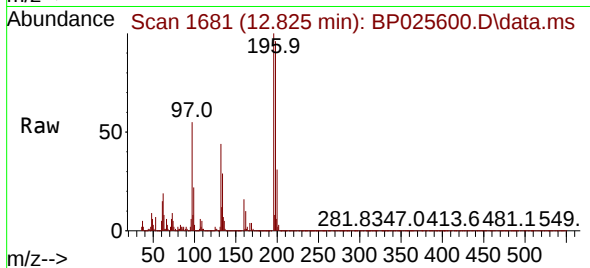




#43
2,4,6-Trichlorophenol
Concen: 49.460 ng
RT: 12.825 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

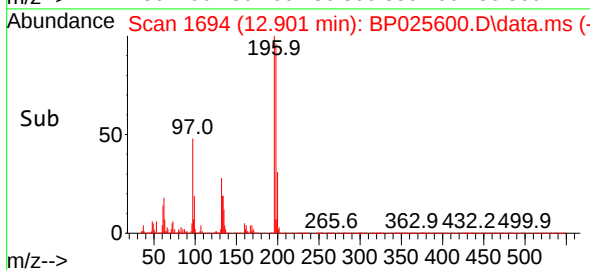
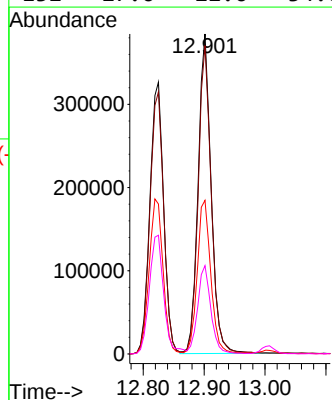
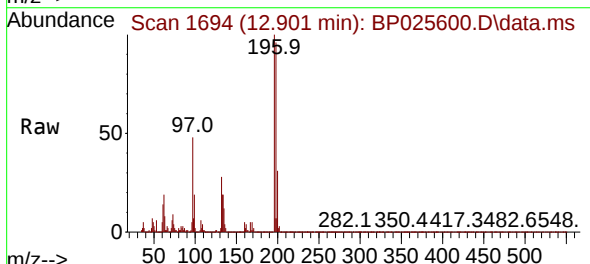
Instrument :
BNA_P
ClientSampleId :
PB169382BS

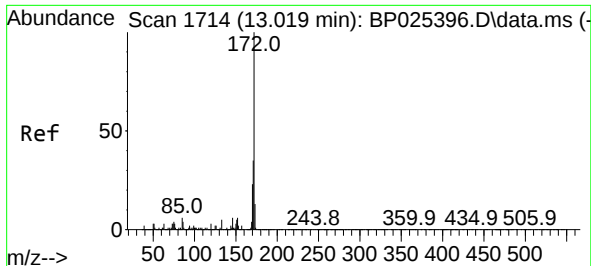
Tgt Ion:196 Resp: 512160
Ion Ratio Lower Upper
196 100
198 96.4 77.2 115.8
200 31.2 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 50.543 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:196 Resp: 573610
Ion Ratio Lower Upper
196 100
198 96.4 76.2 114.2
97 48.0 41.2 61.8
132 27.6 22.6 34.0

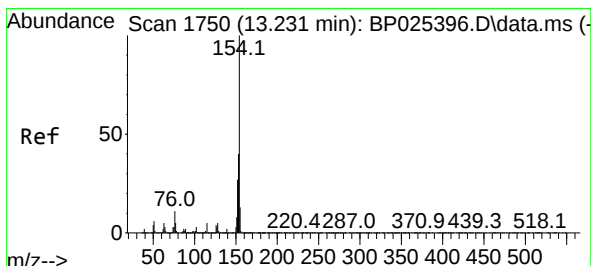
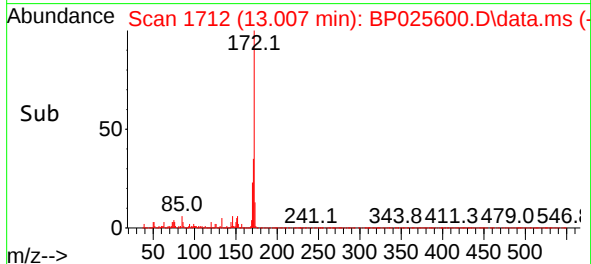
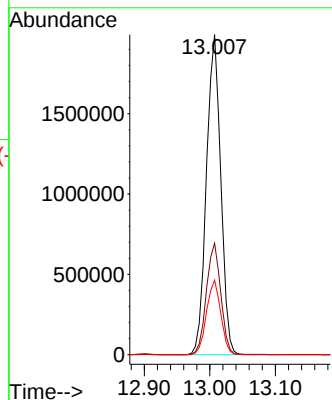
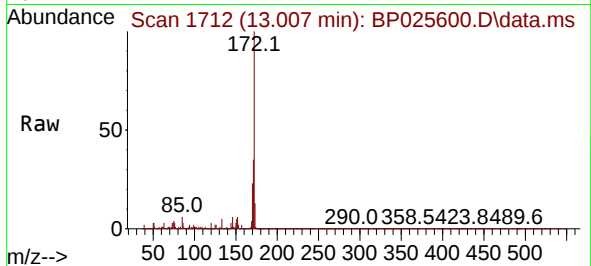




#45
2-Fluorobiphenyl
Concen: 78.021 ng
RT: 13.007 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

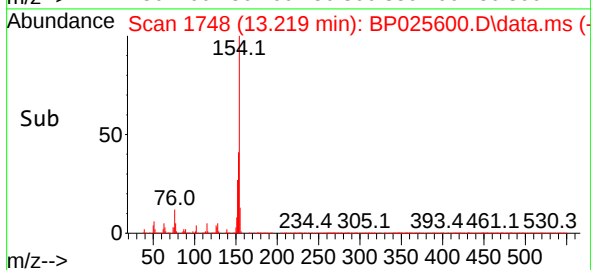
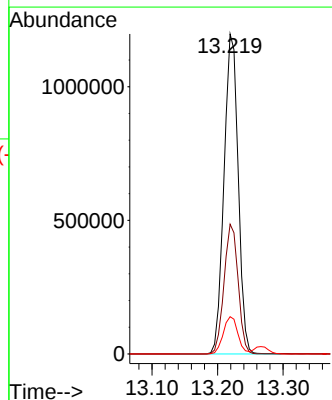
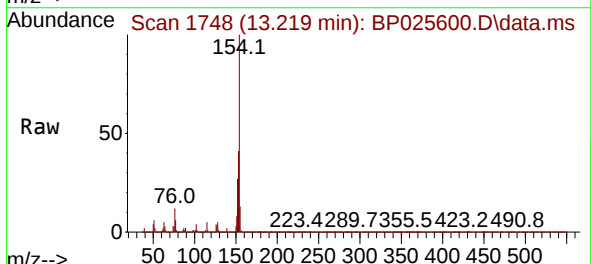
Instrument :
BNA_P
ClientSampleId :
PB169382BS

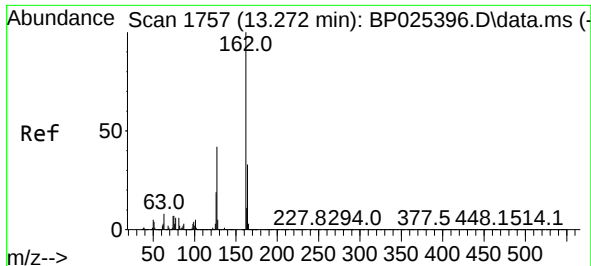
Tgt Ion:172 Resp: 3031848
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 46.399 ng
RT: 13.219 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:154 Resp: 1789636
Ion Ratio Lower Upper
154 100
153 40.6 19.5 59.5
76 11.6 0.0 31.1

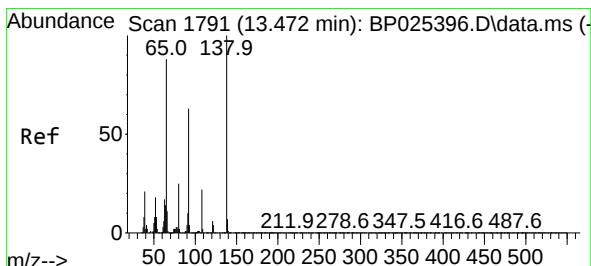
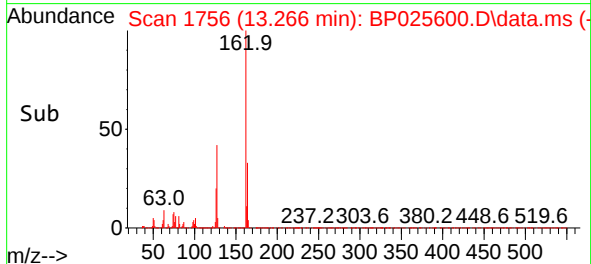
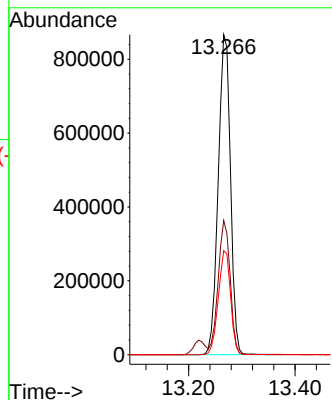
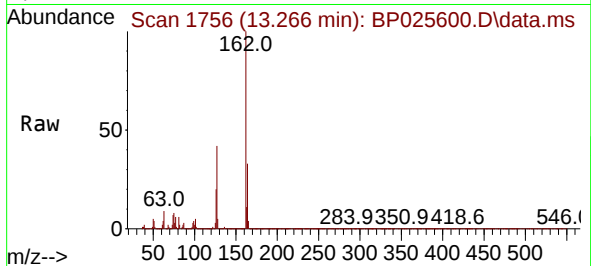




#47
2-Chloronaphthalene
Concen: 45.989 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

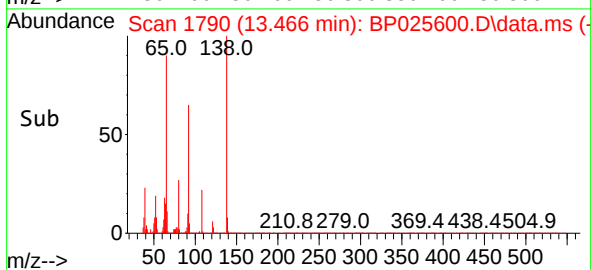
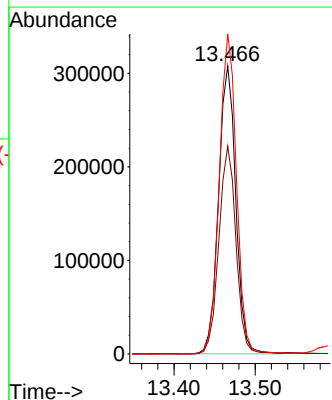
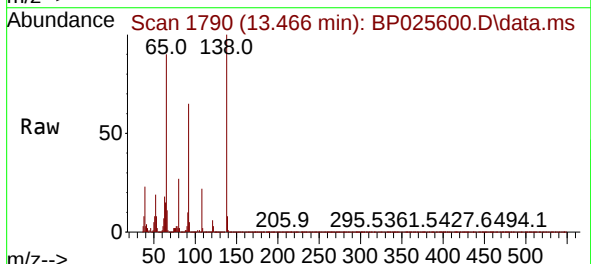
Instrument :
BNA_P
ClientSampleId :
PB169382BS

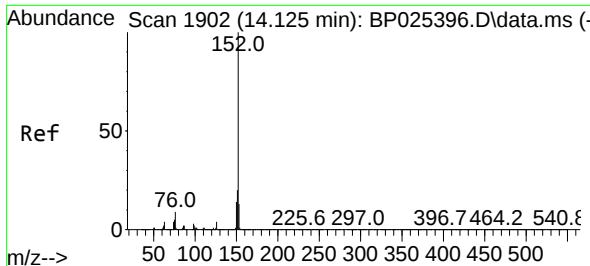
Tgt Ion:162 Resp: 1380892
Ion Ratio Lower Upper
162 100
127 41.9 33.4 50.2
164 32.5 26.2 39.2



#48
2-Nitroaniline
Concen: 52.123 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion: 65 Resp: 456032
Ion Ratio Lower Upper
65 100
92 72.2 57.6 86.4
138 111.1 91.0 136.6

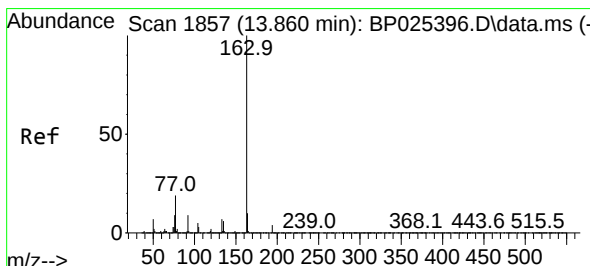
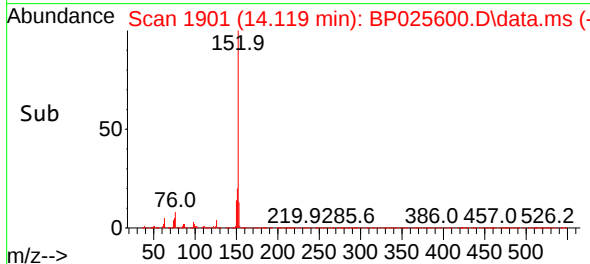
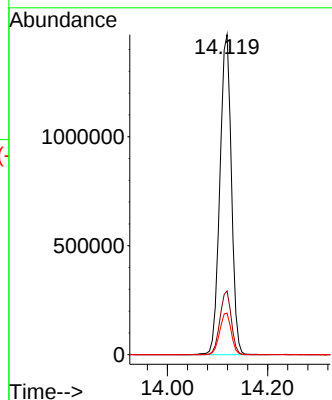
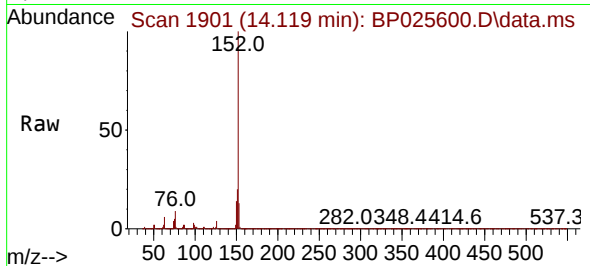




#49
Acenaphthylene
Concen: 46.986 ng
RT: 14.119 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

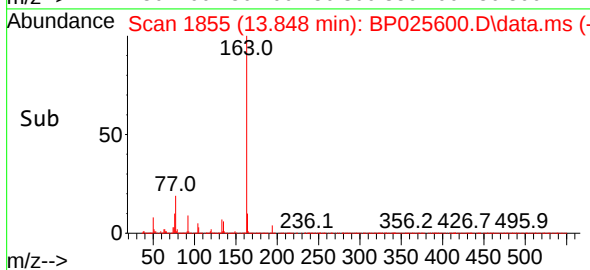
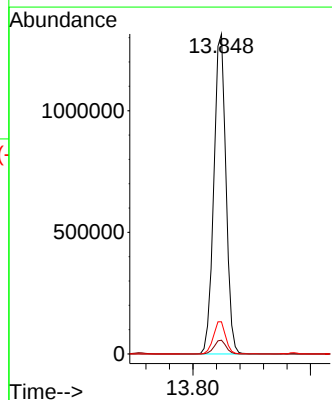
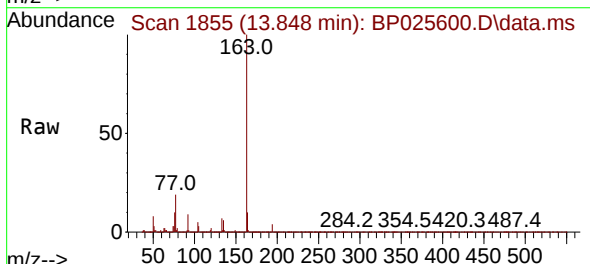
Instrument :
BNA_P
ClientSampleId :
PB169382BS

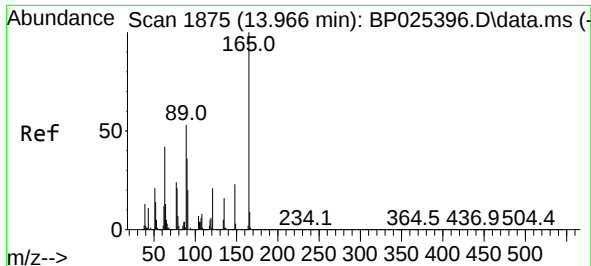
Tgt Ion:152 Resp: 2334553
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 48.189 ng
RT: 13.848 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:163 Resp: 1874105
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 7.9 11.9

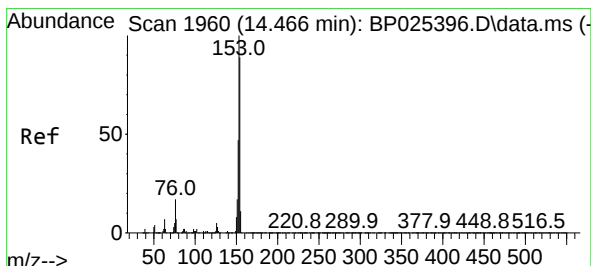
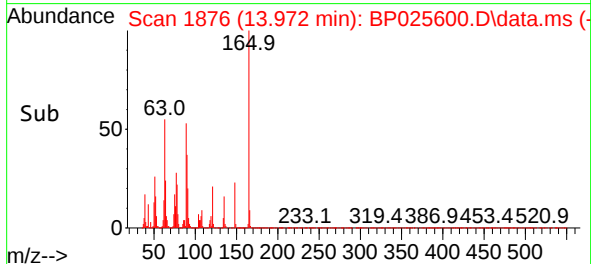
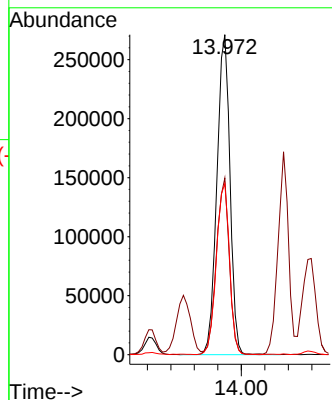
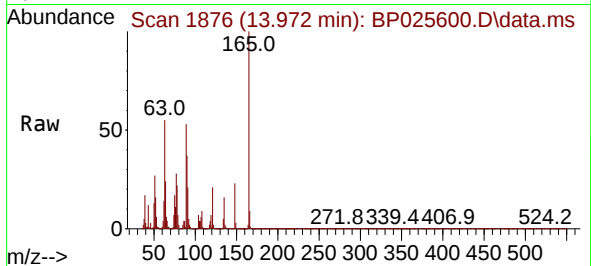




#51
2,6-Dinitrotoluene
Concen: 51.130 ng
RT: 13.972 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

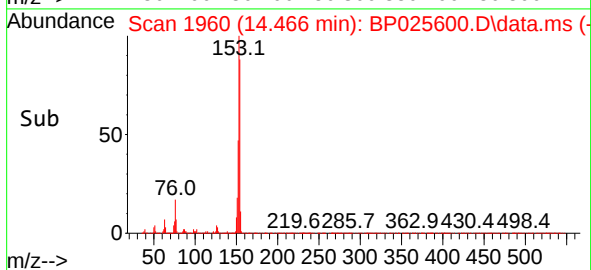
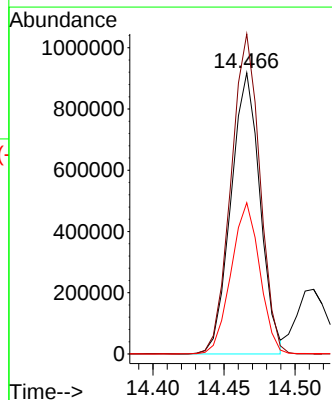
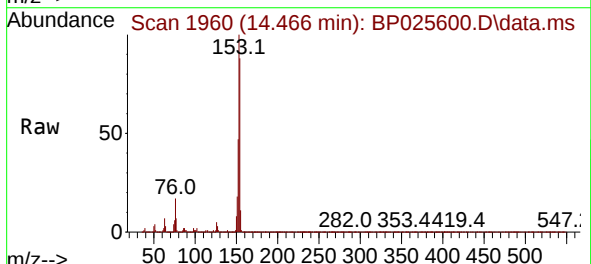
Instrument :
BNA_P
ClientSampleId :
PB169382BS

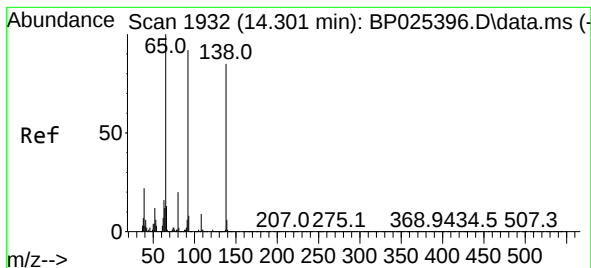
Tgt Ion:165 Resp: 419118
Ion Ratio Lower Upper
165 100
63 55.2 40.9 61.3
89 53.4 42.1 63.1



#52
Acenaphthene
Concen: 44.805 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:154 Resp: 1306715
Ion Ratio Lower Upper
154 100
153 113.8 90.2 135.2
152 53.8 42.1 63.1

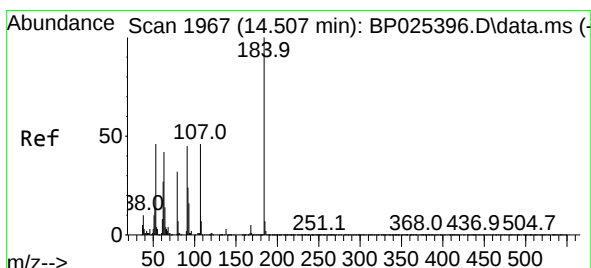
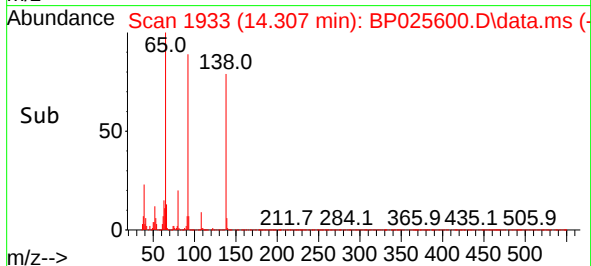
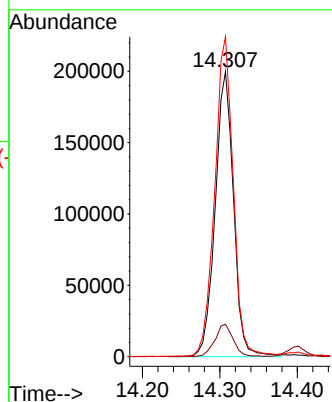
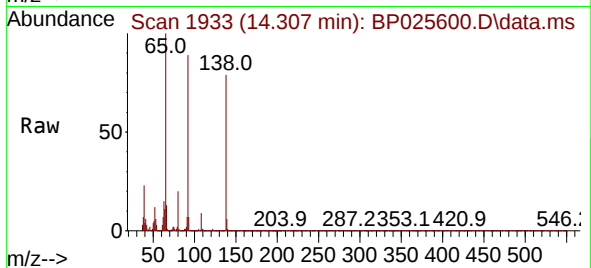




#53
3-Nitroaniline
Concen: 35.697 ng
RT: 14.307 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

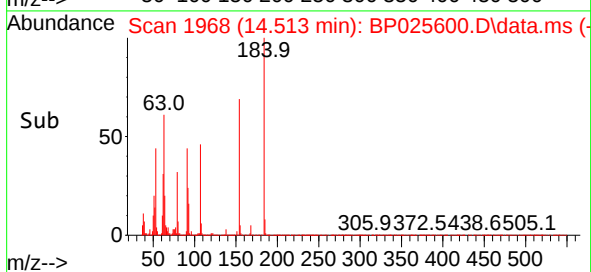
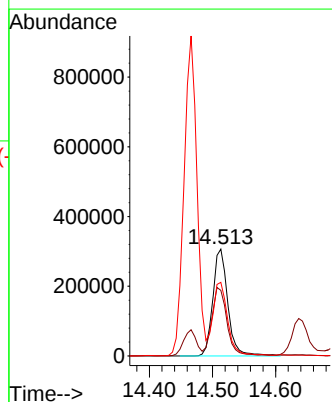
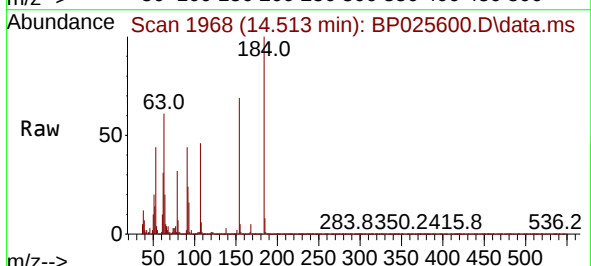
Instrument :
BNA_P
ClientSampleId :
PB169382BS

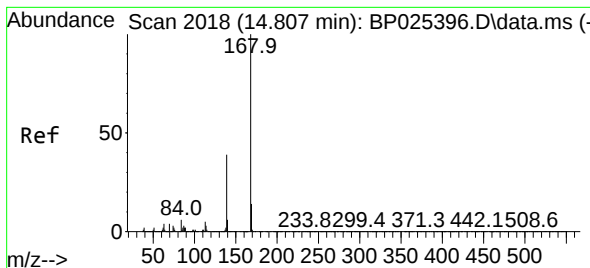
Tgt Ion:138 Resp: 329213
Ion Ratio Lower Upper
138 100
108 11.4 8.3 12.5
92 112.2 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 115.865 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:184 Resp: 507194
Ion Ratio Lower Upper
184 100
63 61.4 49.4 74.2
154 68.9 54.6 82.0

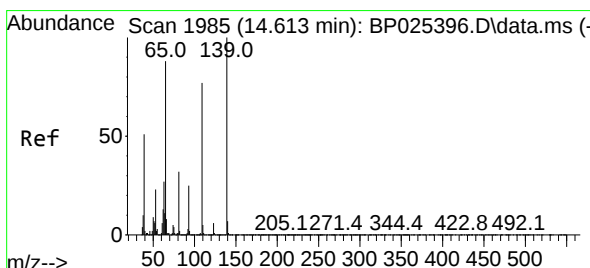
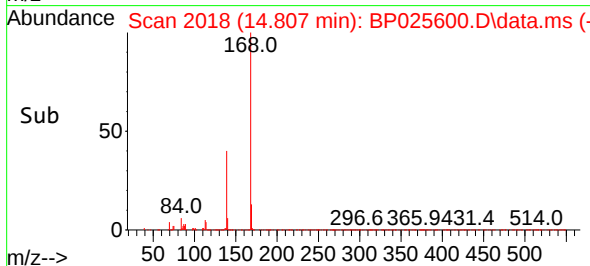
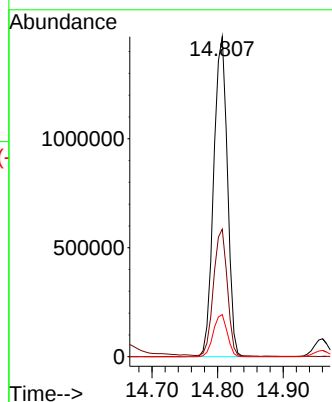
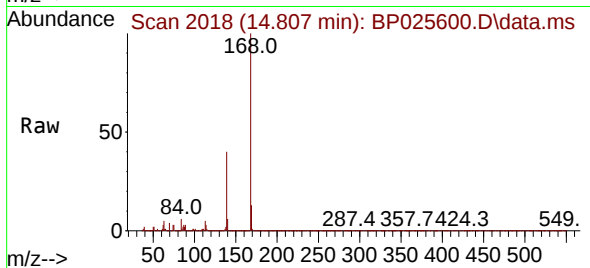




#55
Dibenzofuran
Concen: 46.345 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

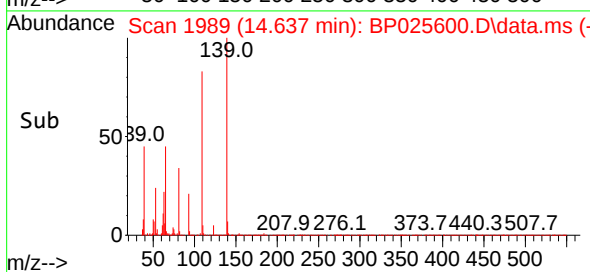
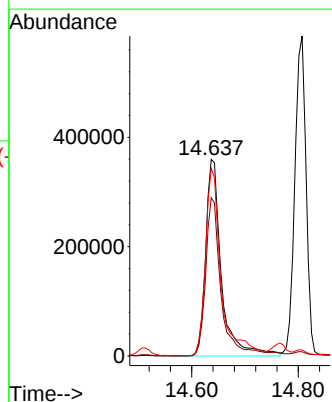
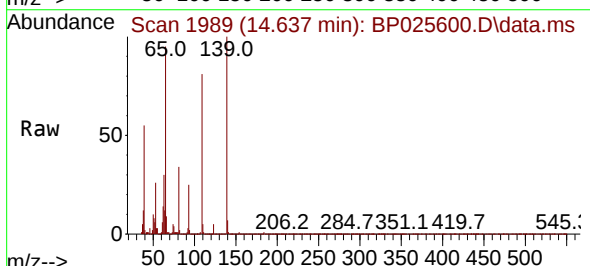
Instrument :
BNA_P
ClientSampleId :
PB169382BS

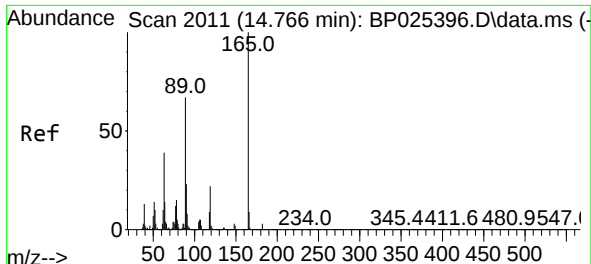
Tgt Ion:168 Resp: 2136958
Ion Ratio Lower Upper
168 100
139 39.9 31.5 47.3
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 97.565 ng
RT: 14.637 min Scan# 1989
Delta R.T. 0.024 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:139 Resp: 739393
Ion Ratio Lower Upper
139 100
109 80.5 56.6 96.6
65 95.4 68.2 108.2

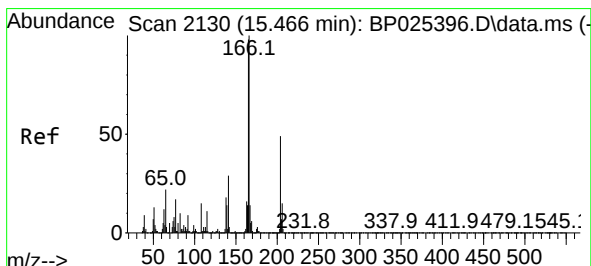
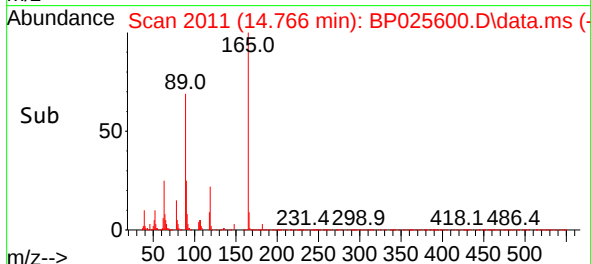
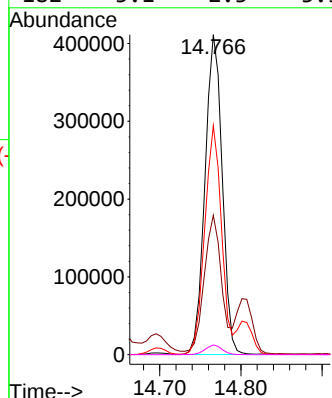
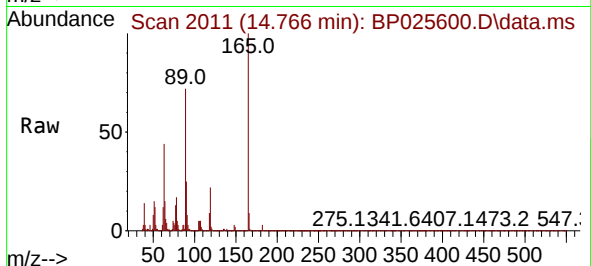




#57
2,4-Dinitrotoluene
Concen: 51.588 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

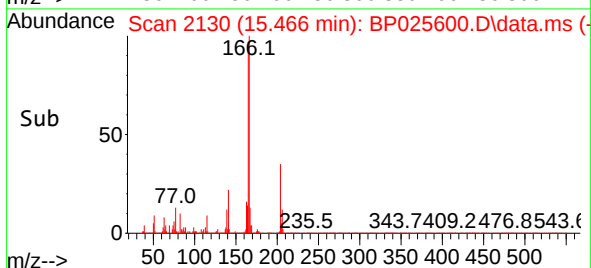
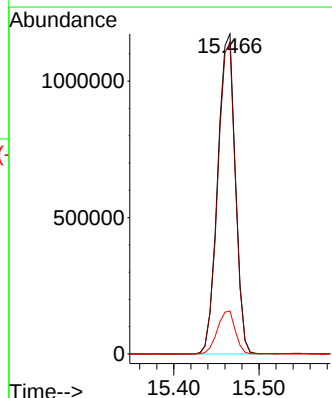
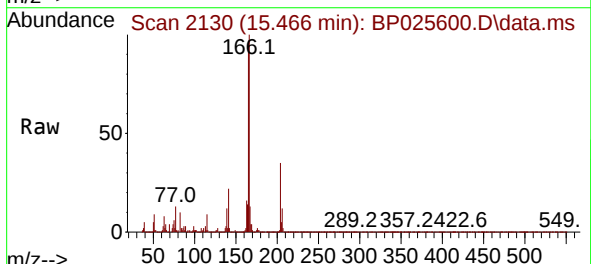
Instrument :
BNA_P
ClientSampleId :
PB169382BS

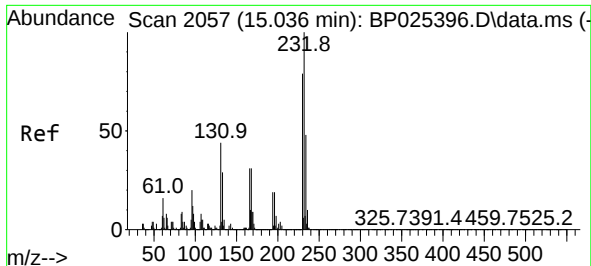
Tgt Ion:165 Resp: 603327
Ion Ratio Lower Upper
165 100
63 43.5 31.4 47.2
89 71.5 53.3 79.9
182 3.1 2.3 3.5



#58
Fluorene
Concen: 46.371 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:166 Resp: 1687124
Ion Ratio Lower Upper
166 100
165 97.4 78.8 118.2
167 13.4 11.0 16.4

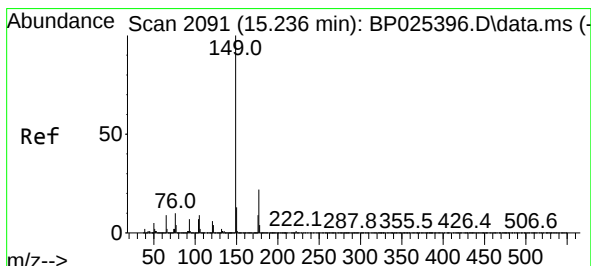
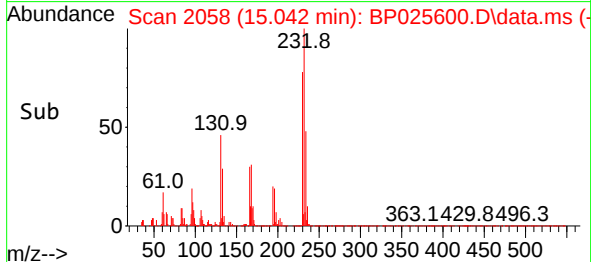
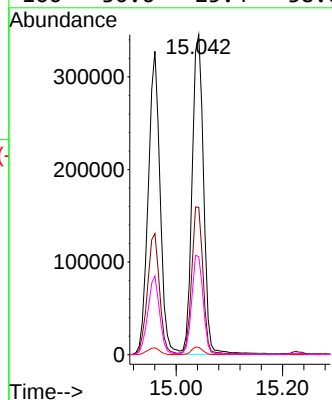
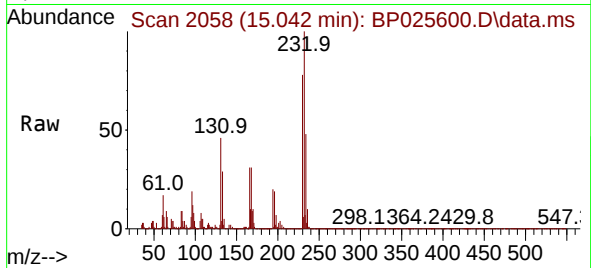




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.343 ng
RT: 15.042 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

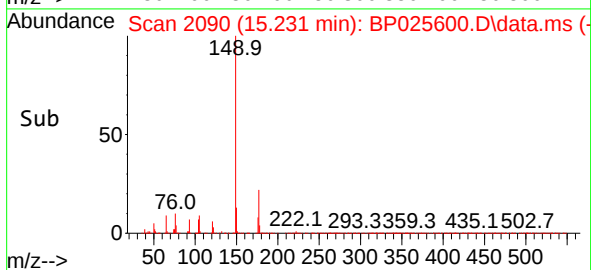
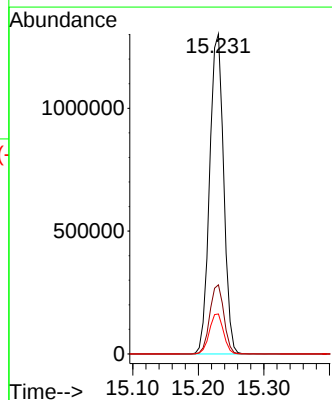
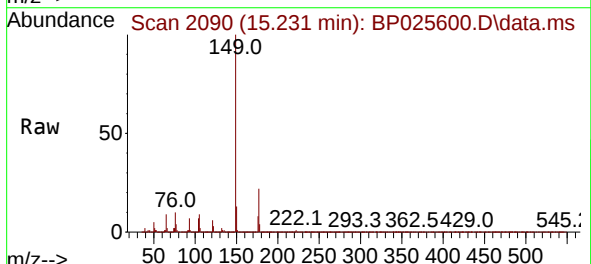
Instrument :
BNA_P
ClientSampleId :
PB169382BS

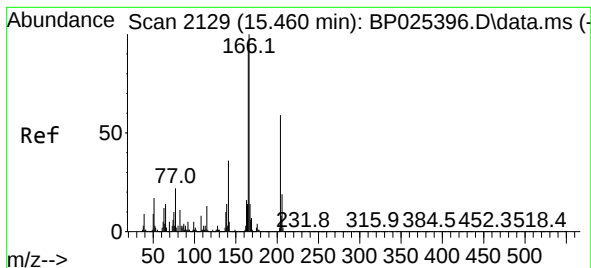
Tgt Ion:232 Resp: 514506
Ion Ratio Lower Upper
232 100
131 45.7 37.0 55.6
130 2.4 1.9 2.9
166 30.6 25.4 38.0



#60
Diethylphthalate
Concen: 48.996 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:149 Resp: 1936184
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.5 10.3 15.5

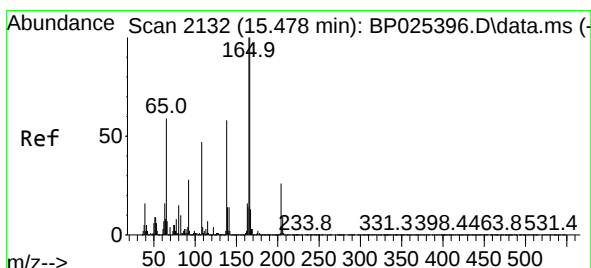
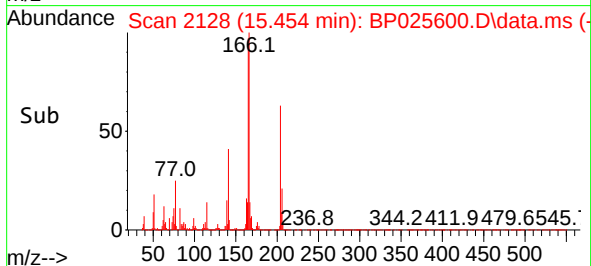
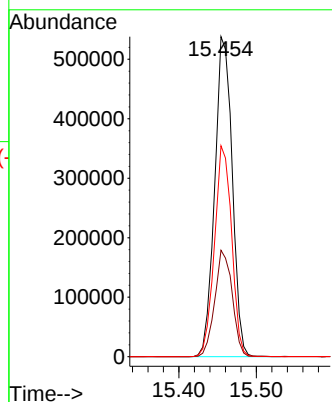
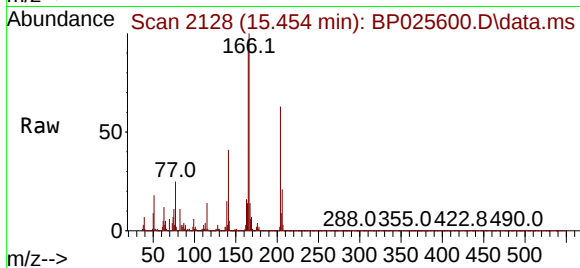




#61
4-Chlorophenyl-phenylether
Concen: 46.669 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

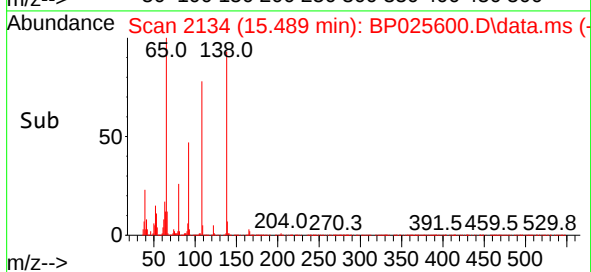
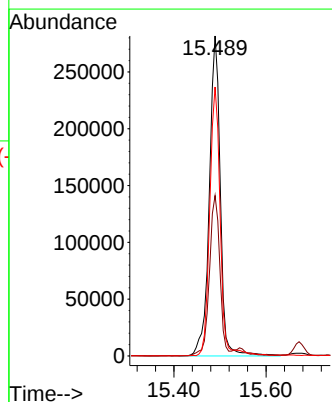
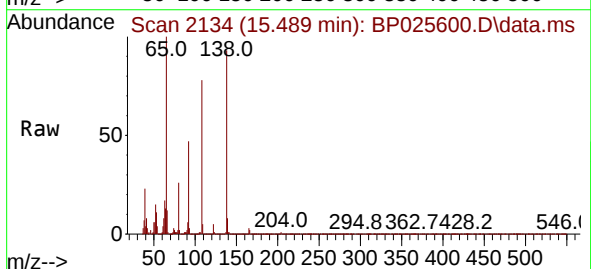
Instrument :
BNA_P
ClientSampleId :
PB169382BS

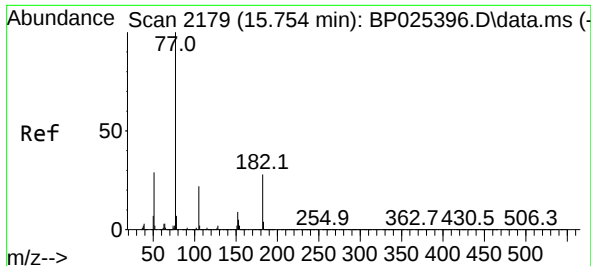
Tgt Ion:204 Resp: 844472
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 65.9 49.4 74.2



#62
4-Nitroaniline
Concen: 49.831 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:138 Resp: 471135
Ion Ratio Lower Upper
138 100
92 50.2 29.1 69.1
108 84.1 61.5 101.5

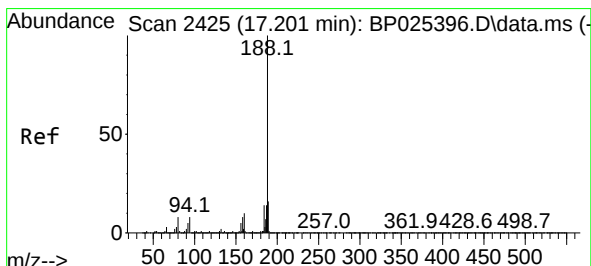
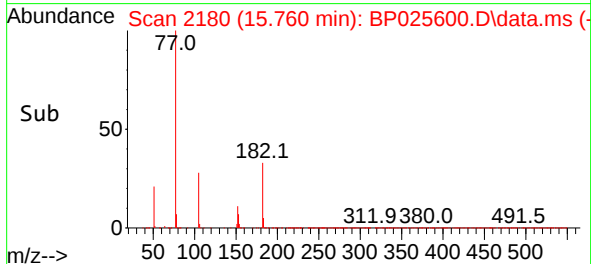
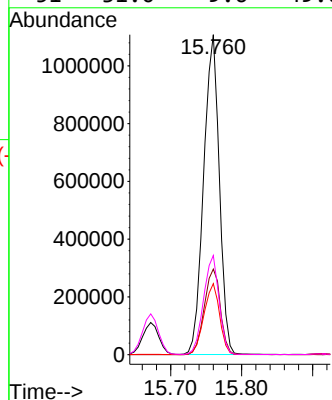
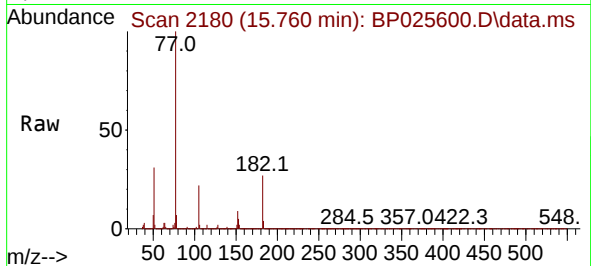




#63
Azobenzene
Concen: 50.275 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

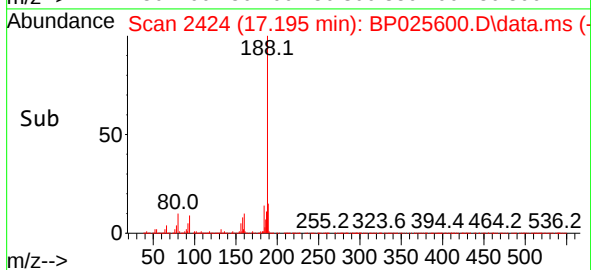
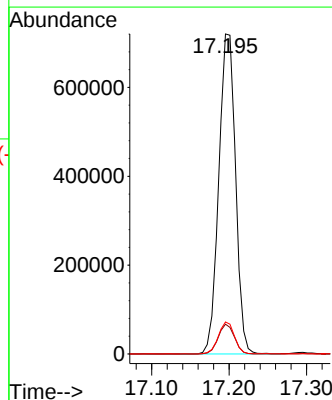
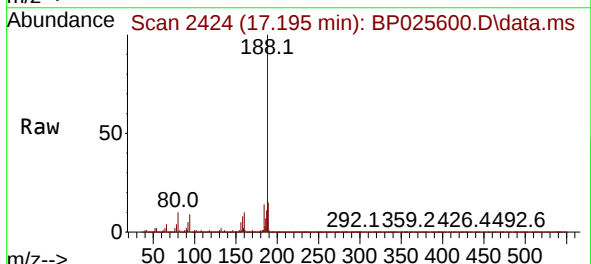
Instrument :
BNA_P
ClientSampleId :
PB169382BS

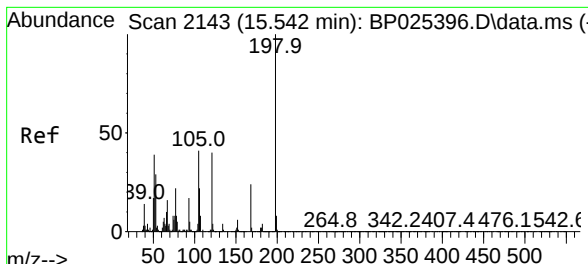
Tgt Ion: 77 Resp: 1701160
Ion Ratio Lower Upper
77 100
182 26.7 7.5 47.5
105 22.2 2.1 42.1
51 31.0 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:188 Resp: 1087302
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 10.0 6.7 10.1

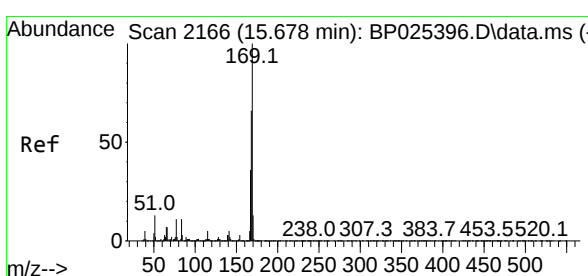
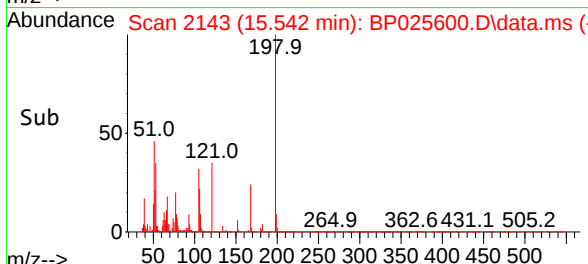
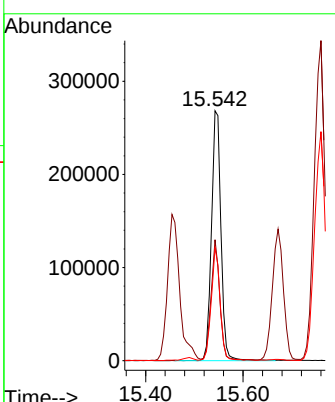
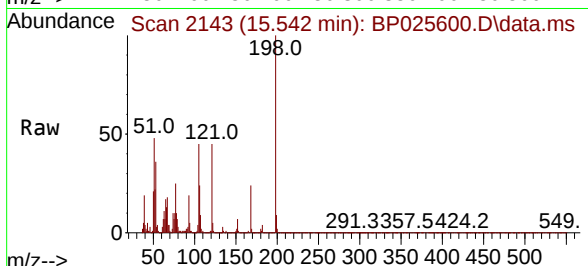




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.128 ng
 RT: 15.542 min Scan# 2143
 Delta R.T. 0.000 min
 Lab File: BP025600.D
 Acq: 27 Aug 2025 12:23

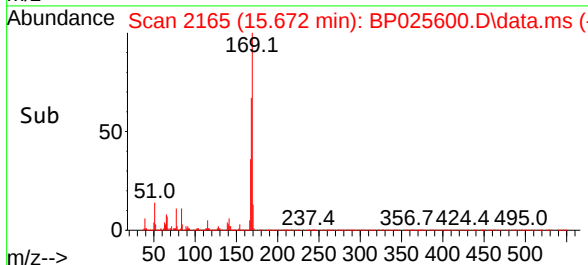
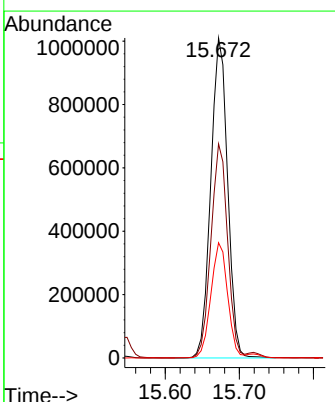
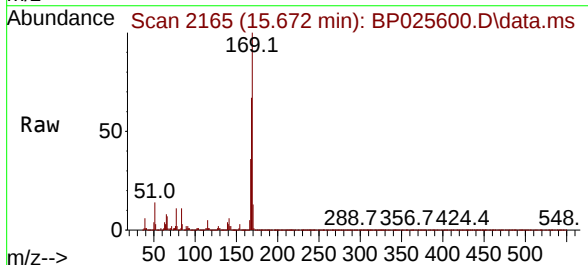
Instrument :
 BNA_P
 ClientSampleId :
 PB169382BS

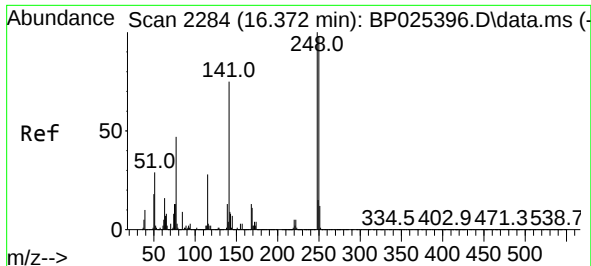
Tgt Ion:	198	Resp:	360084
Ion	Ratio	Lower	Upper
198	100		
51	48.4	19.6	59.6
105	45.2	20.9	60.9



#66
 n-Nitrosodiphenylamine
 Concen: 48.077 ng
 RT: 15.672 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: BP025600.D
 Acq: 27 Aug 2025 12:23

Tgt Ion:	169	Resp:	1594046
Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	36.0	28.7	43.1

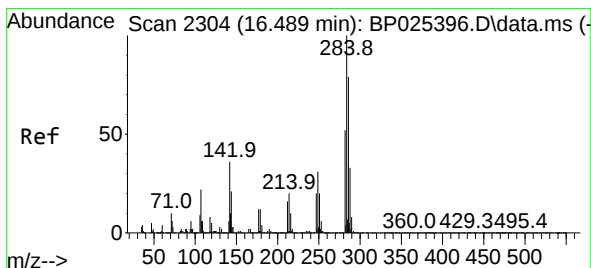
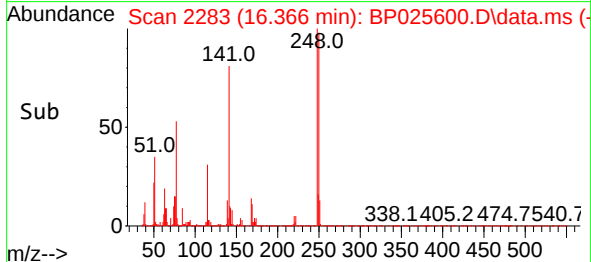
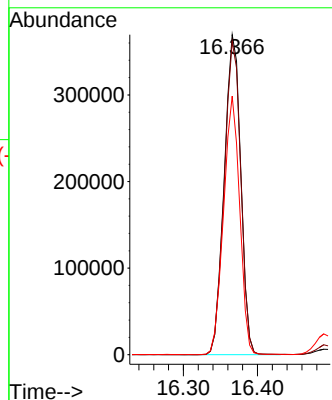
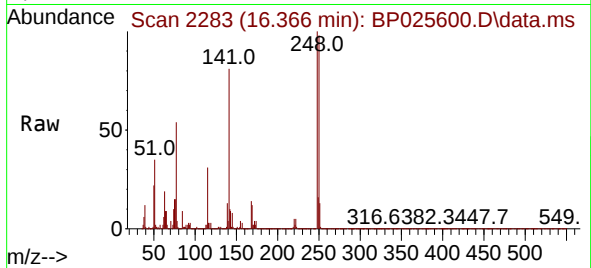




#67
4-Bromophenyl-phenylether
Concen: 47.910 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

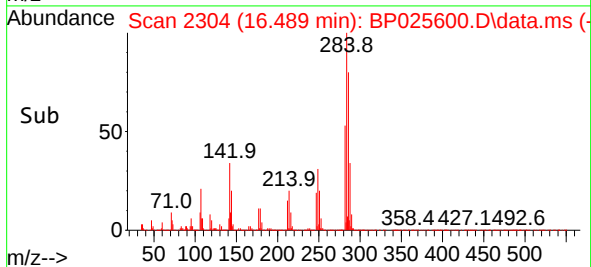
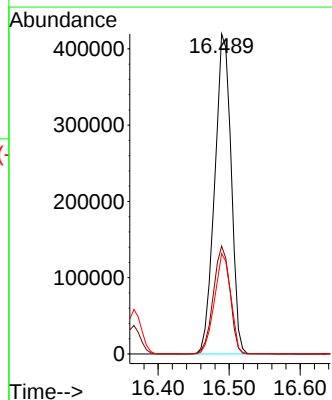
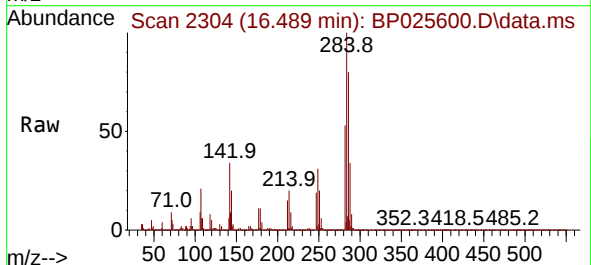
Instrument :
BNA_P
ClientSampleId :
PB169382BS

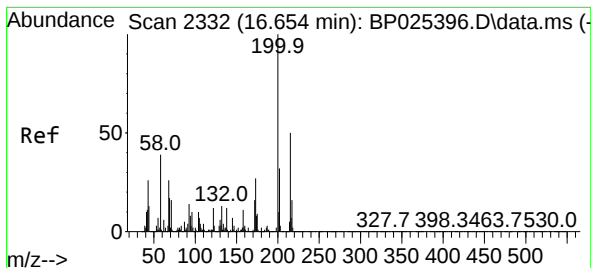
Tgt Ion:248 Resp: 572923
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.2
141 80.8 59.6 89.4



#68
Hexachlorobenzene
Concen: 48.535 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:284 Resp: 672803
Ion Ratio Lower Upper
284 100
142 33.7 29.1 43.7
249 31.3 25.0 37.4





#69

Atrazine

Concen: 49.031 ng

RT: 16.654 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Instrument :

BNA_P

ClientSampleId :

PB169382BS

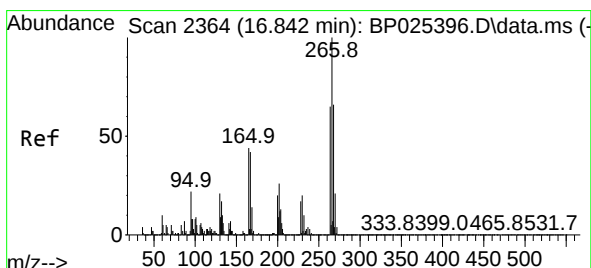
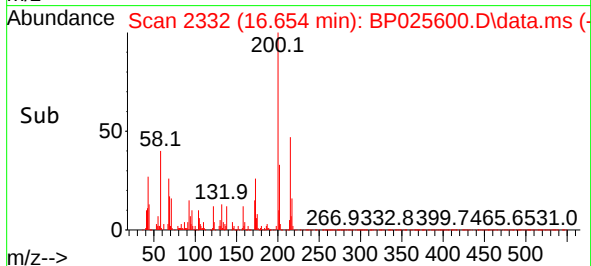
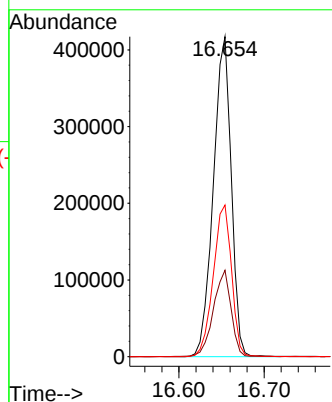
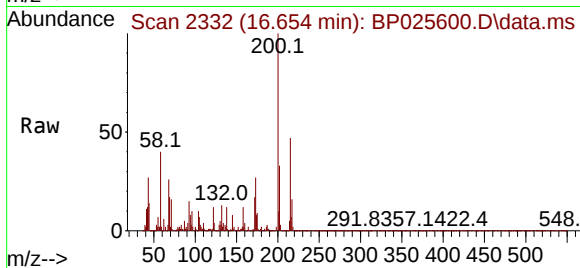
Tgt Ion:200 Resp: 608818

Ion Ratio Lower Upper

200 100

173 27.0 6.7 46.7

215 47.4 29.7 69.7



#70

Pentachlorophenol

Concen: 98.561 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

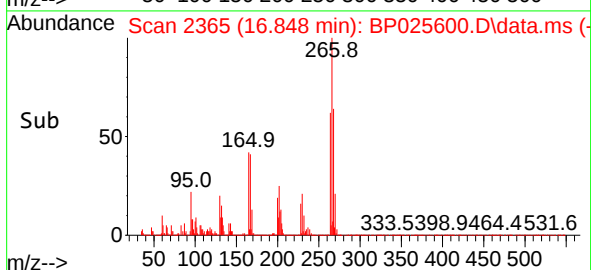
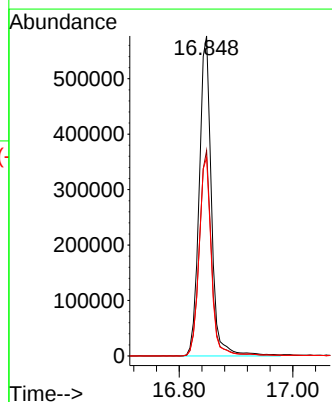
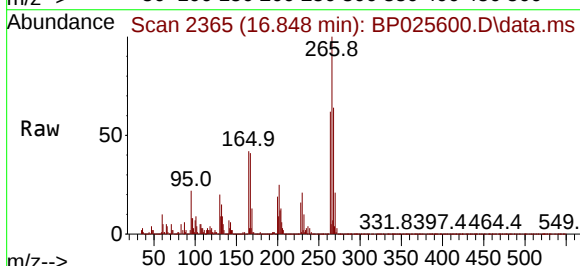
Tgt Ion:266 Resp: 862459

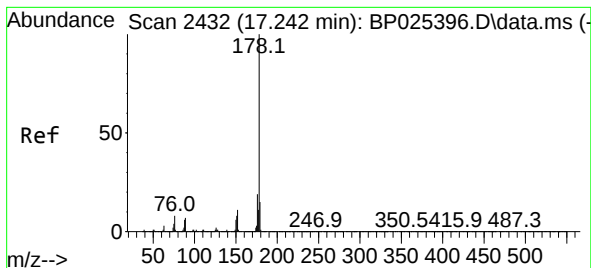
Ion Ratio Lower Upper

266 100

268 64.2 52.6 79.0

264 62.0 52.0 78.0





#71

Phenanthrene

Concen: 46.312 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Instrument :

BNA_P

ClientSampleId :

PB169382BS

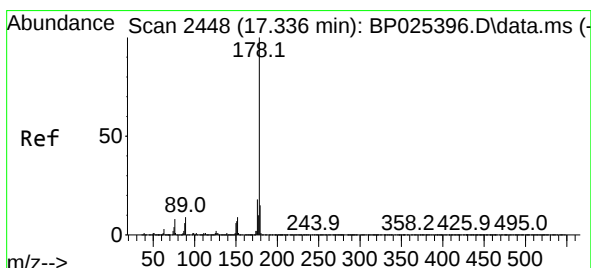
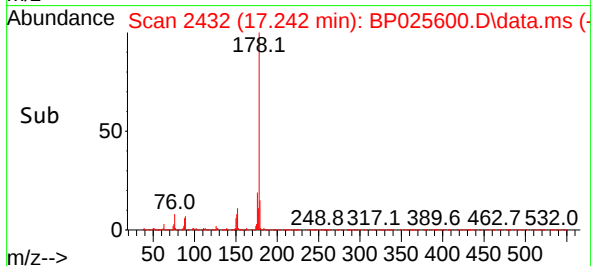
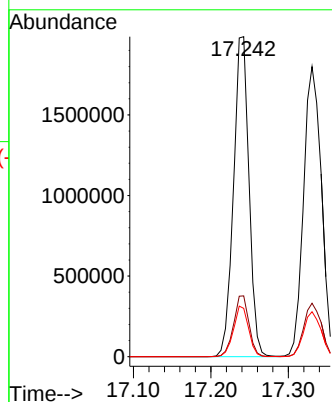
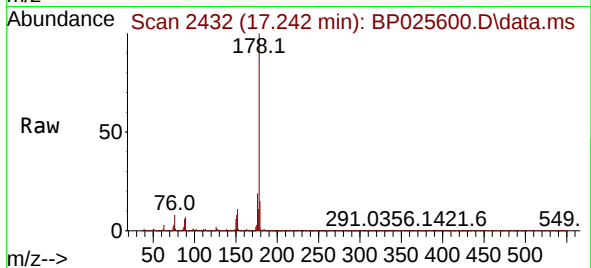
Tgt Ion:178 Resp: 2766200

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.1 12.2 18.4



#72

Anthracene

Concen: 47.203 ng

RT: 17.331 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

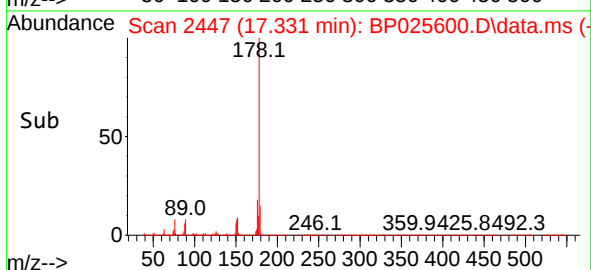
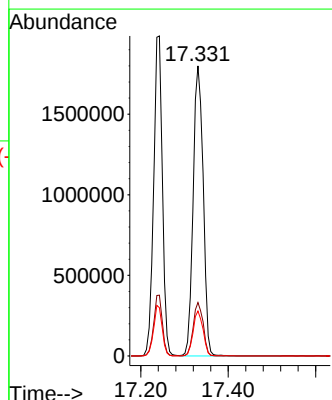
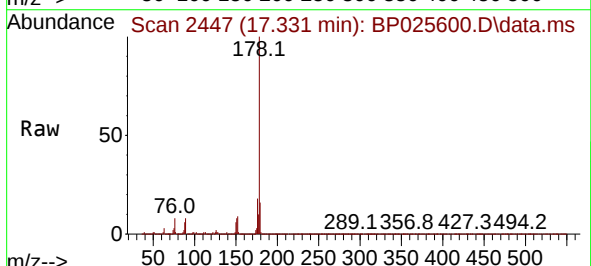
Tgt Ion:178 Resp: 2879177

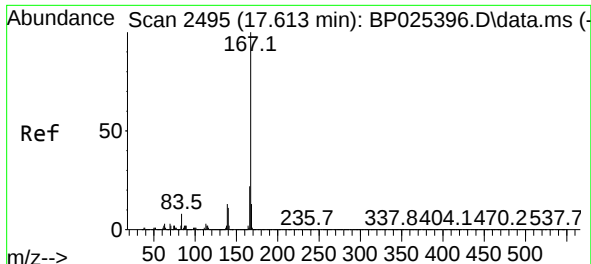
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.5 12.2 18.2



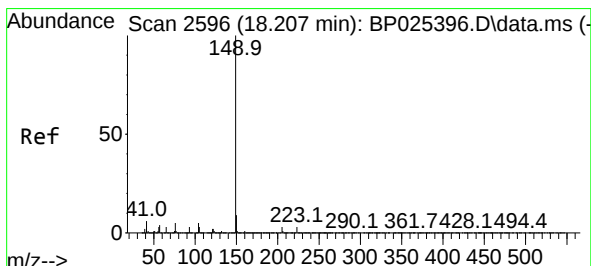
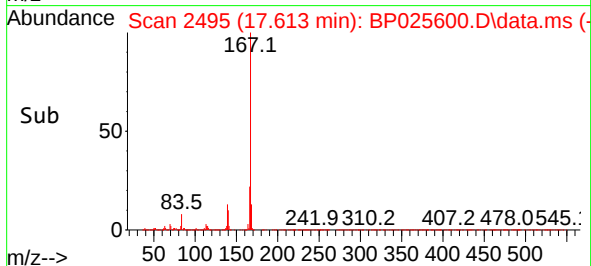
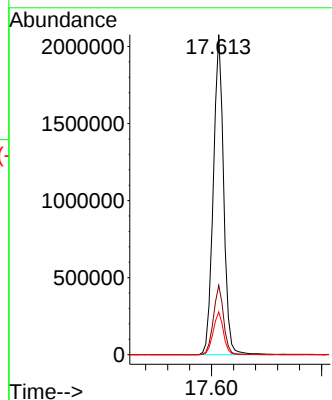
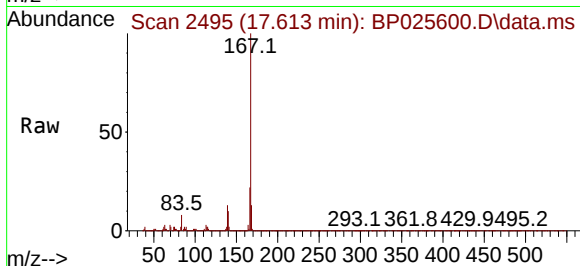


#73
 Carbazole
 Concen: 47.034 ng
 RT: 17.613 min Scan# 2495
 Delta R.T. 0.000 min
 Lab File: BP025600.D
 Acq: 27 Aug 2025 12:23

Instrument :
 BNA_P
 ClientSampleId :
 PB169382BS

Tgt Ion:167 Resp: 2702229

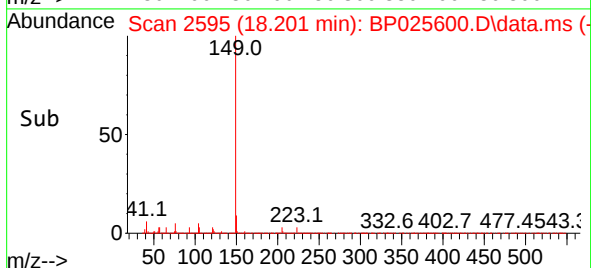
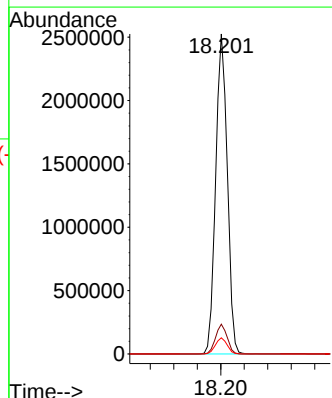
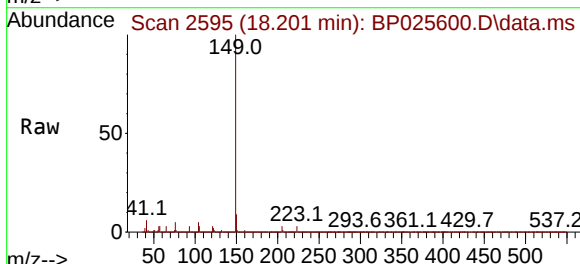
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	13.4	10.6	16.0

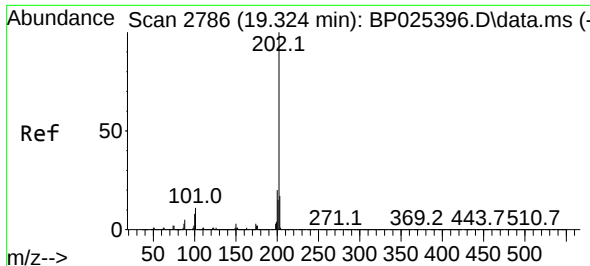


#74
 Di-n-butylphthalate
 Concen: 48.969 ng
 RT: 18.201 min Scan# 2595
 Delta R.T. -0.006 min
 Lab File: BP025600.D
 Acq: 27 Aug 2025 12:23

Tgt Ion:149 Resp: 3461380

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.1	4.2	6.2

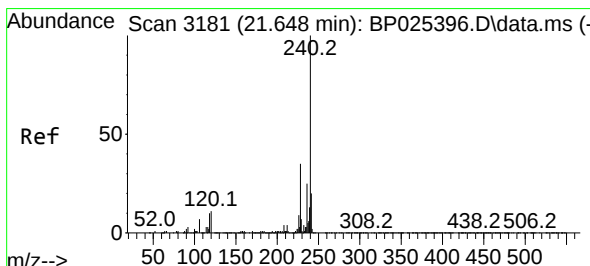
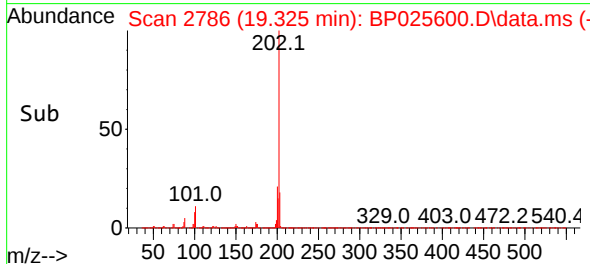
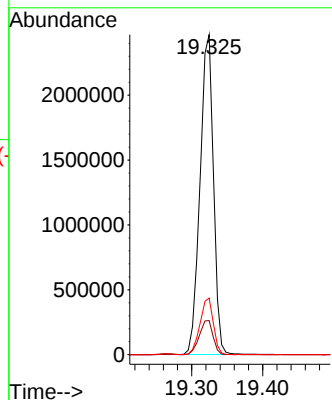
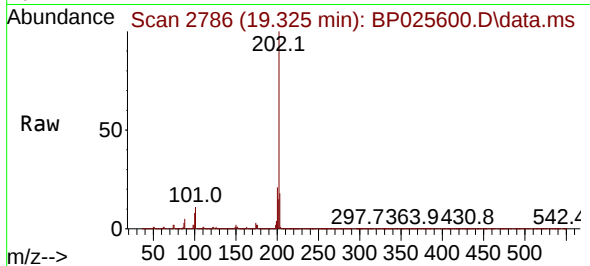




#75
Fluoranthene
Concen: 45.716 ng
RT: 19.325 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

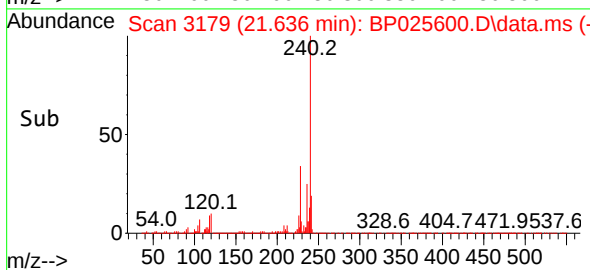
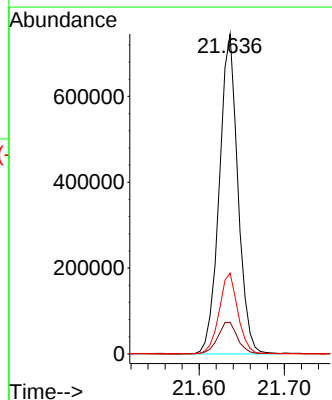
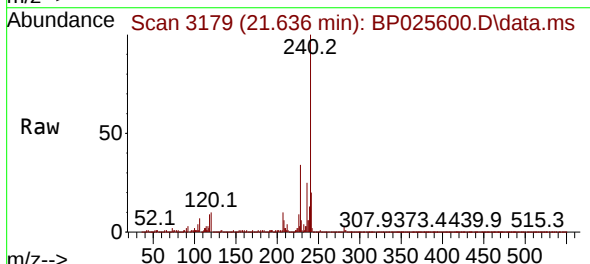
Instrument :
BNA_P
ClientSampleId :
PB169382BS

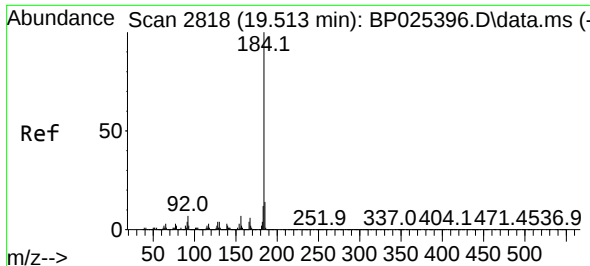
Tgt Ion:202 Resp: 3257120
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.1
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:240 Resp: 1129054
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.3 19.8 29.8

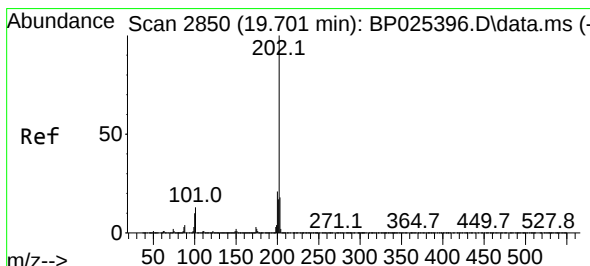
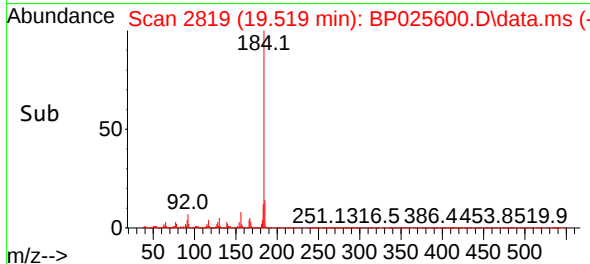
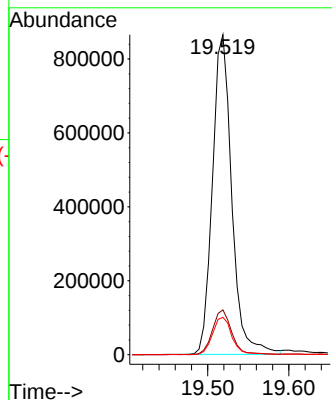
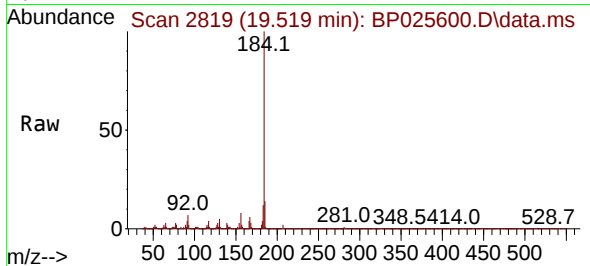




#77
Benzidine
Concen: 37.137 ng
RT: 19.519 min Scan# 2818
Delta R.T. 0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

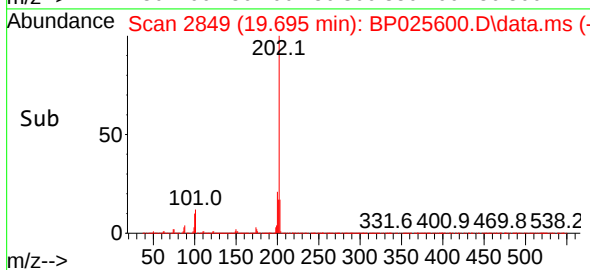
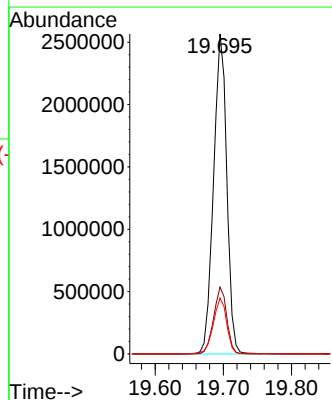
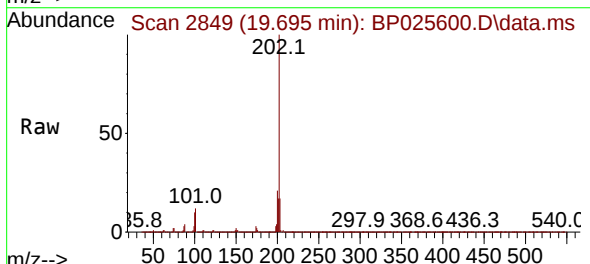
Instrument :
BNA_P
ClientSampleId :
PB169382BS

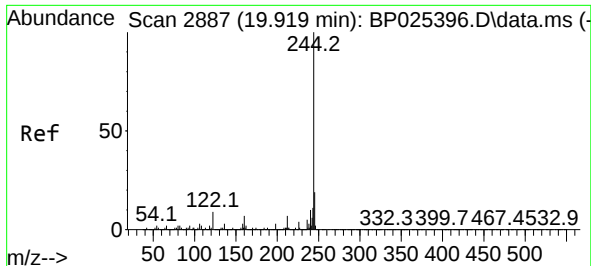
Tgt Ion:184 Resp: 1430954
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.6 9.4 14.2



#78
Pyrene
Concen: 47.211 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025600.D
Acq: 27 Aug 2025 12:23

Tgt Ion:202 Resp: 3464576
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.5 14.2 21.2

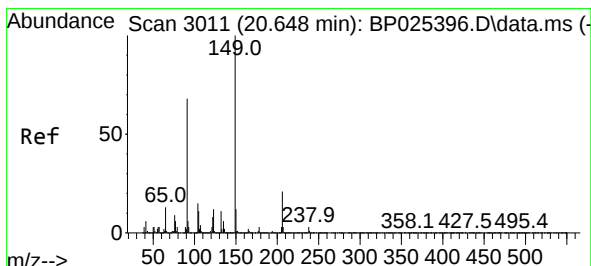
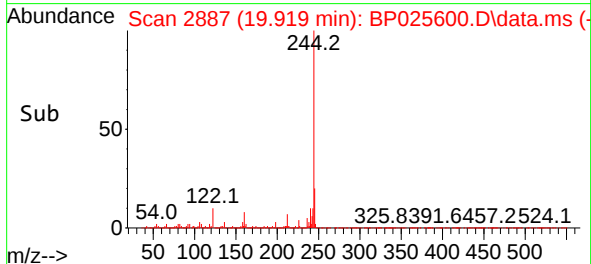
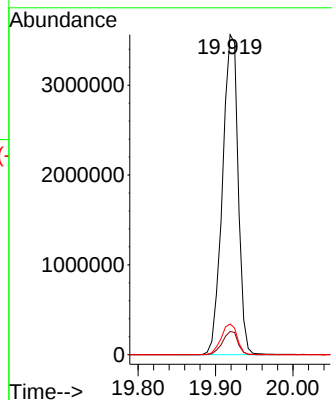
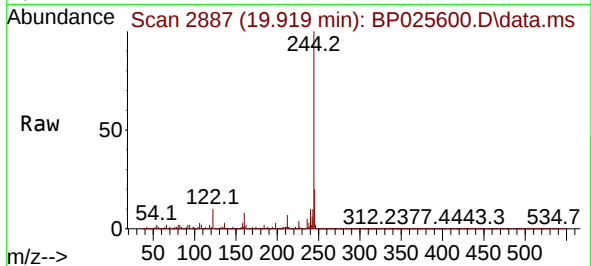




#79
 Terphenyl-d14
 Concen: 81.471 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025600.D
 Acq: 27 Aug 2025 12:23

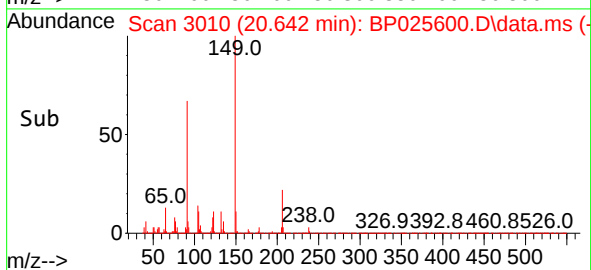
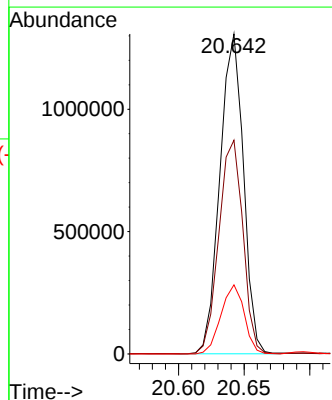
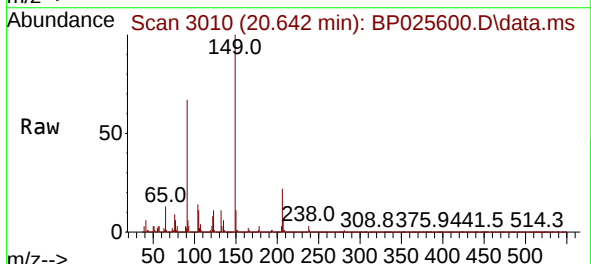
Instrument :
 BNA_P
 ClientSampleId :
 PB169382BS

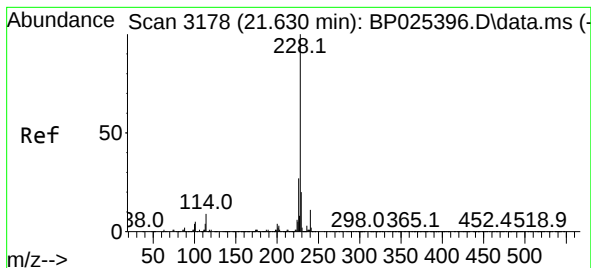
Tgt Ion:244 Resp: 5027692
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.6 7.4 11.2



#80
 Butylbenzylphthalate
 Concen: 48.973 ng
 RT: 20.642 min Scan# 3010
 Delta R.T. -0.006 min
 Lab File: BP025600.D
 Acq: 27 Aug 2025 12:23

Tgt Ion:149 Resp: 1628807
 Ion Ratio Lower Upper
 149 100
 91 66.8 54.2 81.2
 206 21.6 16.6 24.8





#81

Benzo(a)anthracene

Concen: 46.681 ng

RT: 21.613 min Scan# 3175

Delta R.T. -0.018 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Instrument :

BNA_P

ClientSampleId :

PB169382BS

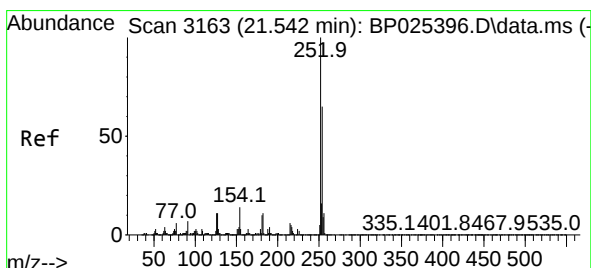
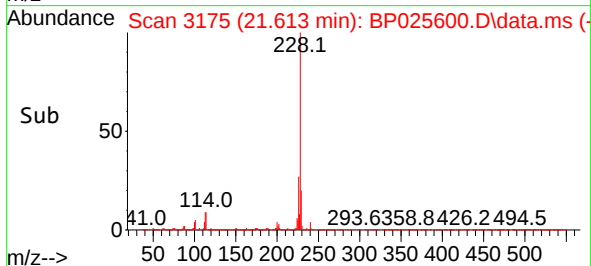
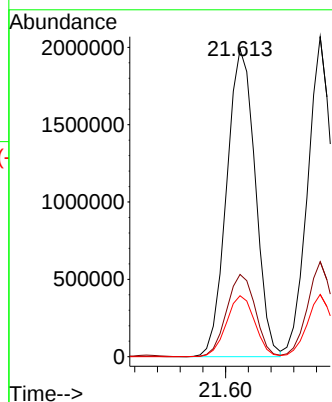
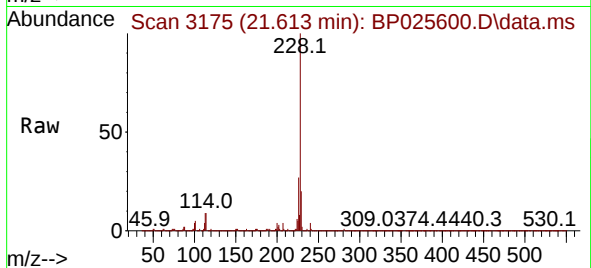
Tgt Ion:228 Resp: 3475908

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 32.923 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.012 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

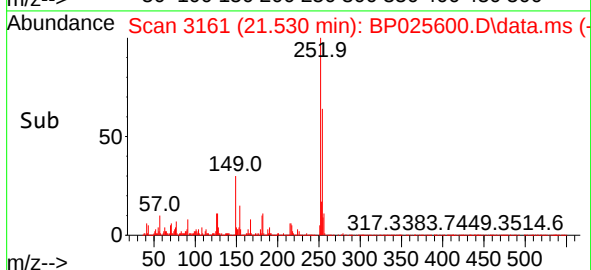
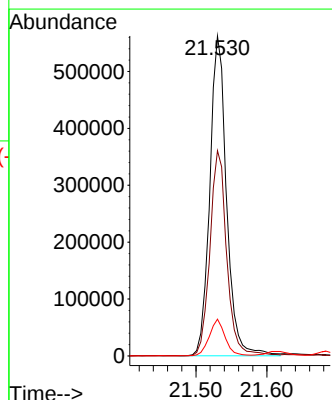
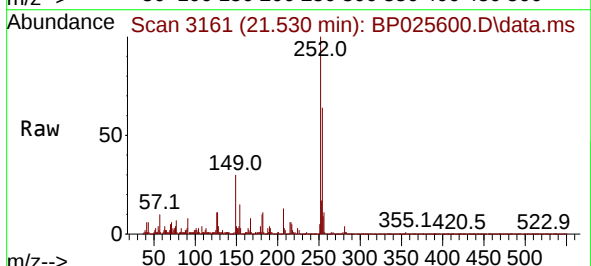
Tgt Ion:252 Resp: 924024

Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.6

126 11.5 9.1 13.7





#83

Chrysene

Concen: 46.373 ng

RT: 21.683 min Scan# 3189

Delta R.T. -0.012 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Instrument :

BNA_P

ClientSampleId :

PB169382BS

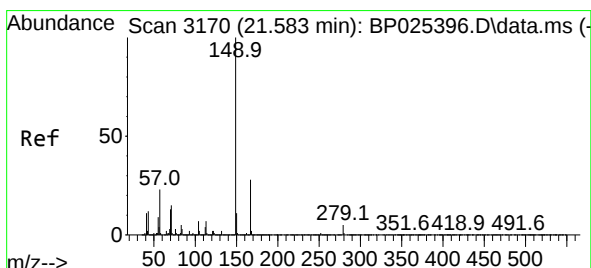
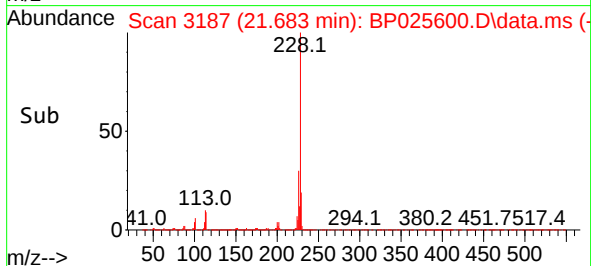
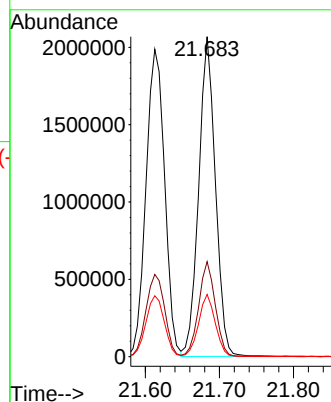
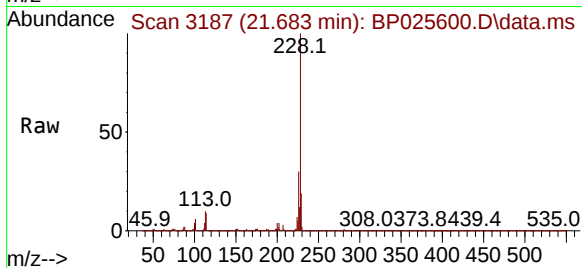
Tgt Ion:228 Resp: 3233707

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.473 ng

RT: 21.548 min Scan# 3164

Delta R.T. -0.035 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

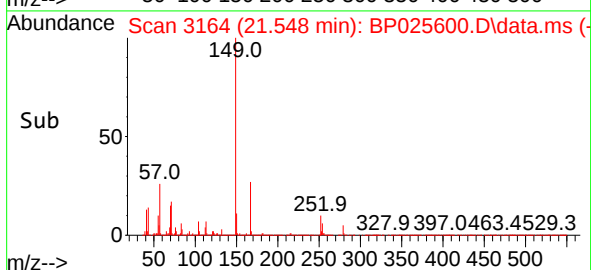
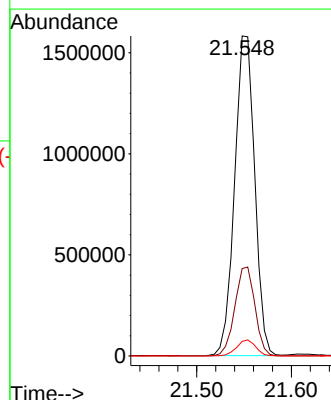
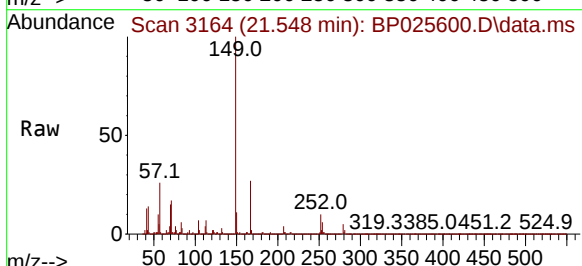
Tgt Ion:149 Resp: 2324218

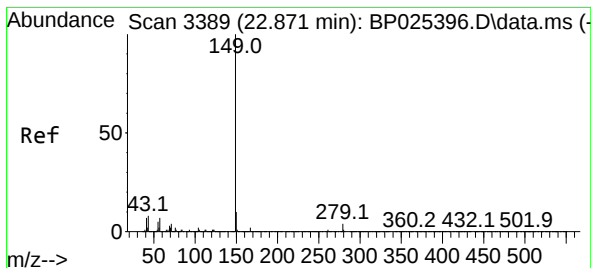
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 48.705 ng

RT: 22.824 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Instrument :

BNA_P

ClientSampleId :

PB169382BS

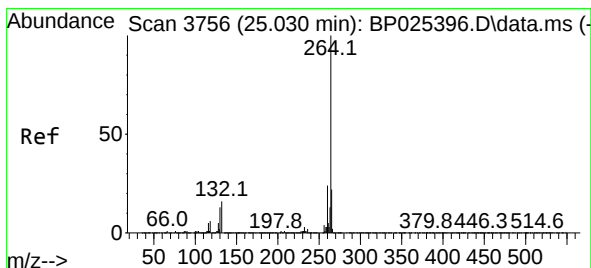
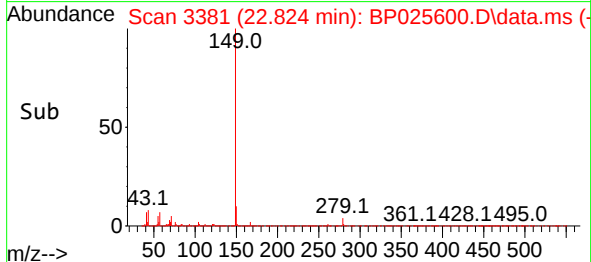
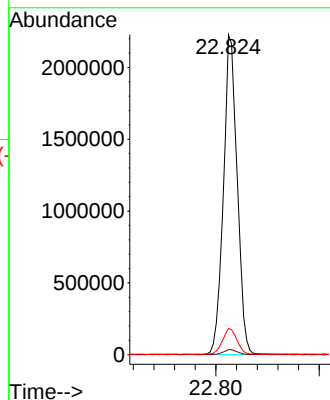
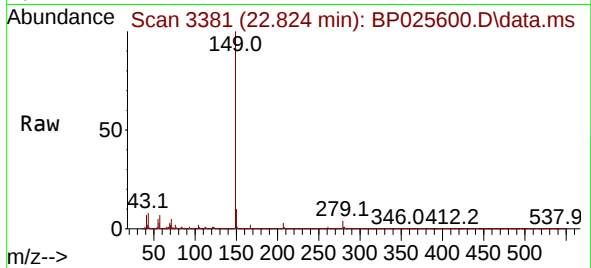
Tgt Ion:149 Resp: 4101560

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3750

Delta R.T. -0.035 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

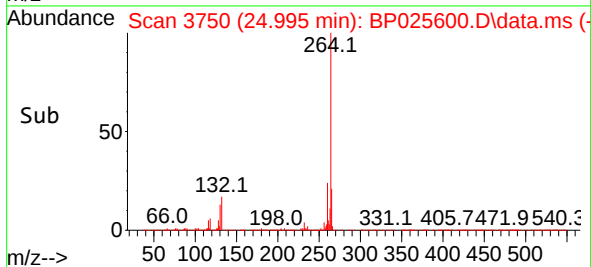
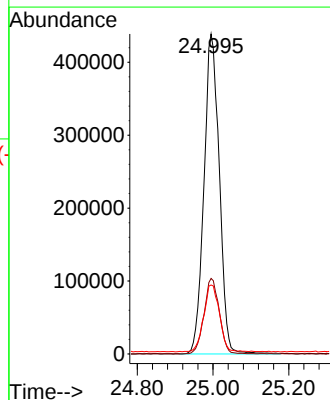
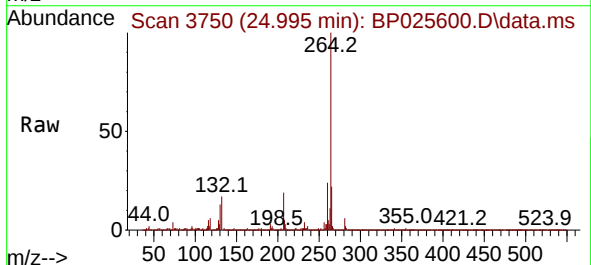
Tgt Ion:264 Resp: 1232505

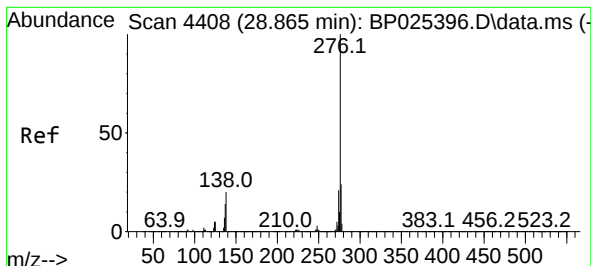
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.068 ng

RT: 28.859 min Scan# 4407

Delta R.T. -0.006 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Instrument :

BNA_P

ClientSampleId :

PB169382BS

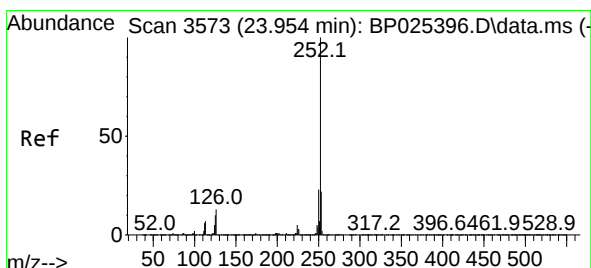
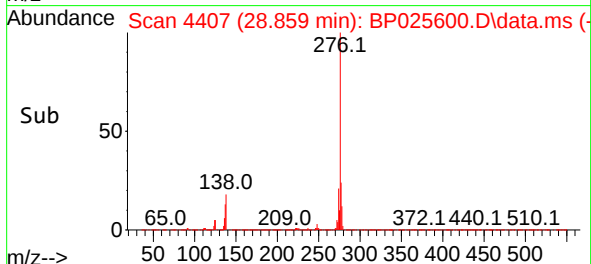
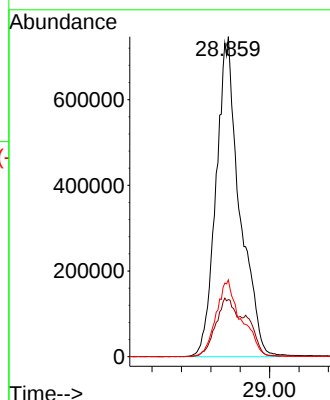
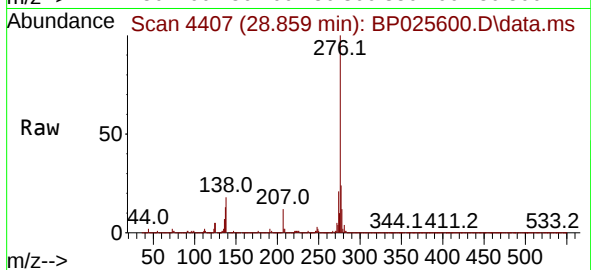
Tgt Ion:276 Resp: 4163923

Ion Ratio Lower Upper

276 100

138 17.1 12.9 19.3

277 25.5 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 48.355 ng

RT: 23.942 min Scan# 3571

Delta R.T. -0.012 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

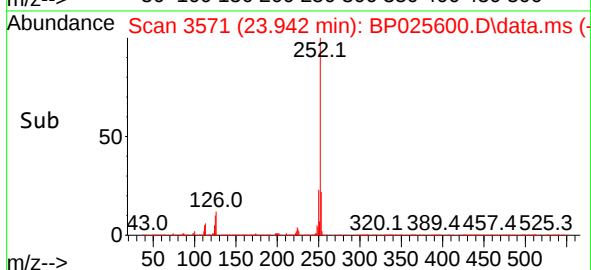
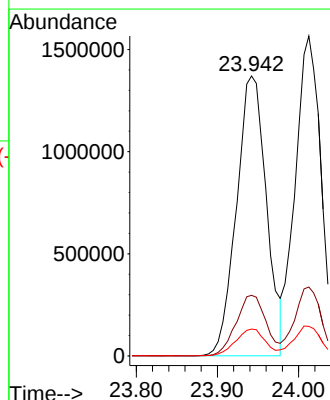
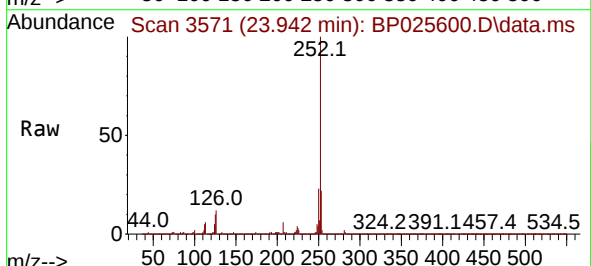
Tgt Ion:252 Resp: 3514330

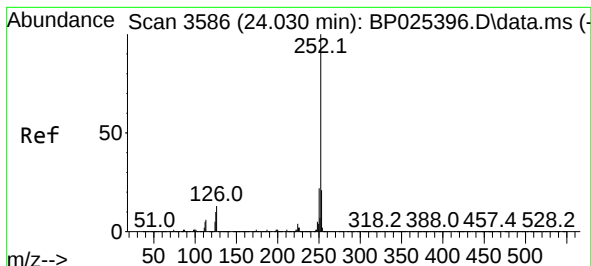
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 47.451 ng

RT: 24.013 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Instrument :

BNA_P

ClientSampleId :

PB169382BS

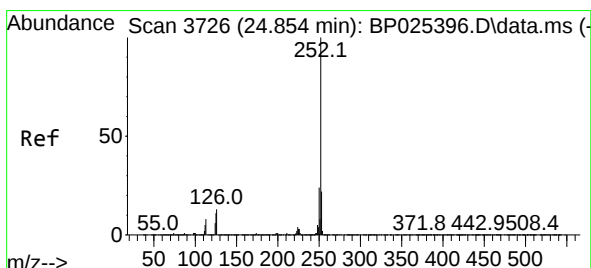
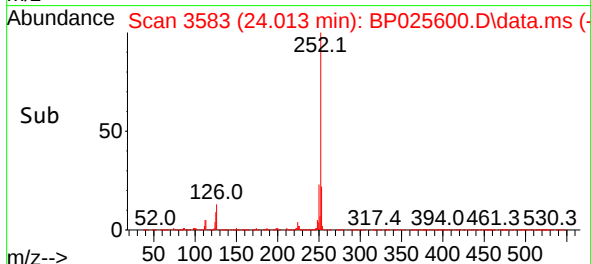
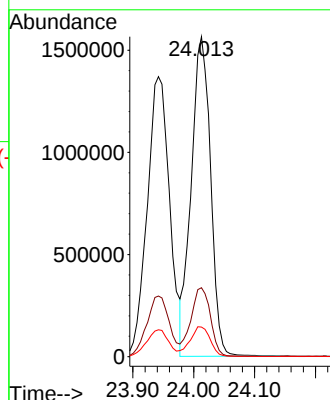
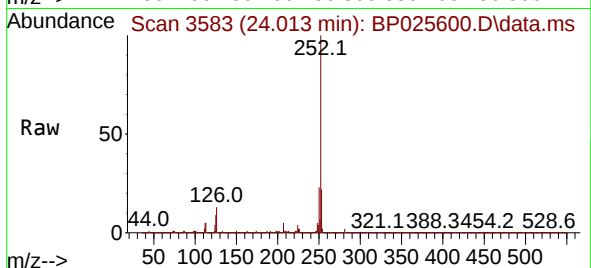
Tgt Ion:252 Resp: 3450944

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 9.3 7.8 11.6



#90

Benzo(a)pyrene

Concen: 47.487 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

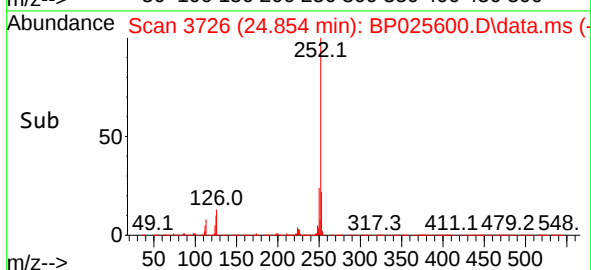
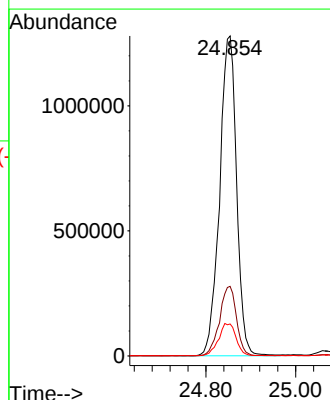
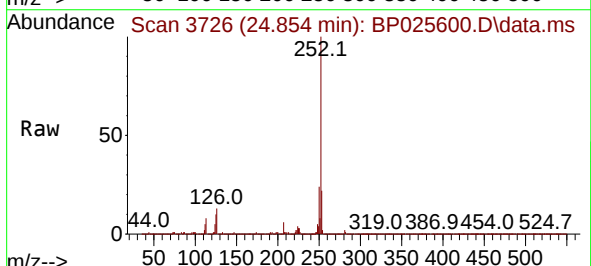
Tgt Ion:252 Resp: 3359525

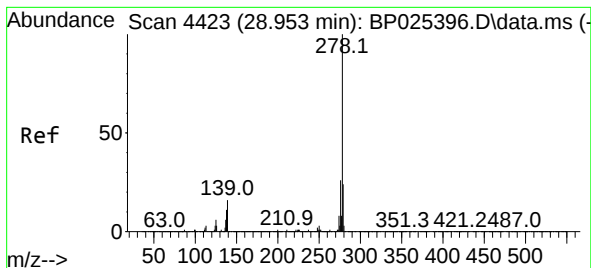
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 46.843 ng

RT: 28.924 min Scan# 4418

Delta R.T. -0.029 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Instrument :

BNA_P

ClientSampleId :

PB169382BS

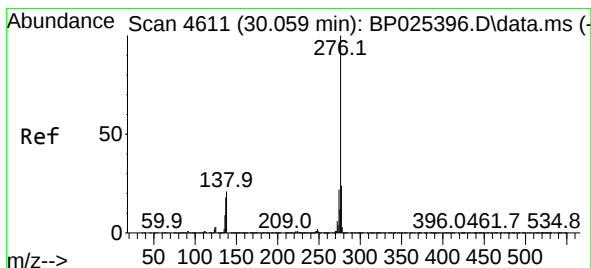
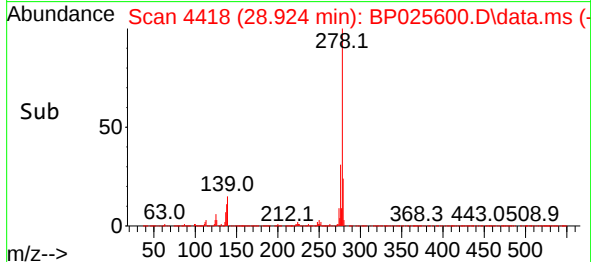
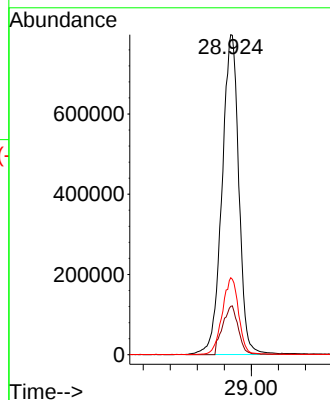
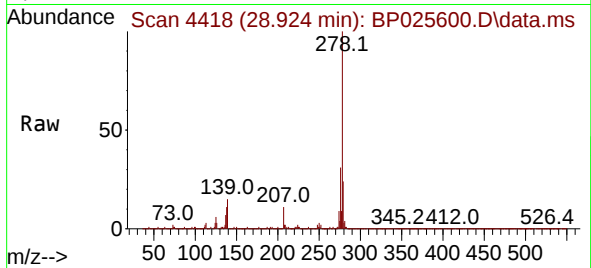
Tgt Ion:278 Resp: 3460052

Ion Ratio Lower Upper

278 100

139 15.1 13.0 19.4

279 24.1 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 45.980 ng

RT: 30.042 min Scan# 4608

Delta R.T. -0.018 min

Lab File: BP025600.D

Acq: 27 Aug 2025 12:23

Tgt Ion:276 Resp: 3338490

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 19.3 16.7 25.1

