

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025514.D
 Acq On : 20 Aug 2025 19:49
 Operator : CG/JU
 Sample : PB169259BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169259BS

Quant Time: Aug 21 01:36:51 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	7.784	152	193210	20.000	ng	-0.01
21) Naphthalene-d8	10.560	136	716493	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	415906	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	793030	20.000	ng	0.00
76) Chrysene-d12	21.648	240	903156	20.000	ng	0.00
86) Perylene-d12	25.024	264	1093749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1482206	127.400	ng	0.00
7) Phenol-d6	6.972	99	1793190	120.218	ng	0.00
23) Nitrobenzene-d5	8.931	82	1171537	82.712	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	722062	128.983	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2505695	82.338	ng	0.00
79) Terphenyl-d14	19.925	244	3796862	76.915	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	174220	38.230	ng	98
3) Pyridine	3.725	79	474202	38.018	ng	96
4) n-Nitrosodimethylamine	3.631	42	239558	46.586	ng	96
6) Aniline	7.119	93	645772	32.133	ng	98
8) 2-Chlorophenol	7.361	128	572945	43.641	ng	98
9) Benzaldehyde	6.937	77	263614	25.225	ng	98
10) Phenol	6.996	94	667894	42.672	ng	95
11) bis(2-Chloroethyl)ether	7.214	93	519692	42.600	ng	97
12) 1,3-Dichlorobenzene	7.678	146	630575	43.558	ng	98
13) 1,4-Dichlorobenzene	7.819	146	644460	43.554	ng	99
14) 1,2-Dichlorobenzene	8.137	146	612126	42.736	ng	97
15) Benzyl Alcohol	8.025	79	493055	41.602	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.302	45	696846	42.641	ng	98
17) 2-Methylphenol	8.225	107	455684	41.920	ng	100
18) Hexachloroethane	8.861	117	244923	45.019	ng	98
19) n-Nitroso-di-n-propyla...	8.584	70	374997	37.955	ng	97
20) 3+4-Methylphenols	8.549	107	601647	39.929	ng	97
22) Acetophenone	8.602	105	802741	44.676	ng	# 98
24) Nitrobenzene	8.972	77	588320	46.476	ng	98
25) Isophorone	9.496	82	1055464	42.106	ng	99
26) 2-Nitrophenol	9.672	139	303049	46.648	ng	96
27) 2,4-Dimethylphenol	9.737	122	501812	44.917	ng	97
28) bis(2-Chloroethoxy)met...	9.966	93	651737	43.013	ng	99
29) 2,4-Dichlorophenol	10.213	162	499409	44.999	ng	98
30) 1,2,4-Trichlorobenzene	10.425	180	554932	45.613	ng	97
31) Naphthalene	10.607	128	1633423	43.862	ng	100
32) Benzoic acid	9.896	122	381761	46.285	ng	98
33) 4-Chloroaniline	10.713	127	361701	21.988	ng	99
34) Hexachlorobutadiene	10.896	225	353627	46.673	ng	99
35) Caprolactam	11.496	113	163441	40.163	ng	99
36) 4-Chloro-3-methylphenol	11.837	107	542442	42.595	ng	97
37) 2-Methylnaphthalene	12.213	142	1002467	41.365	ng	98
38) 1-Methylnaphthalene	12.437	142	1048812	40.695	ng	98
40) 1,2,4,5-Tetrachloroben...	12.584	216	580153	48.298	ng	99
41) Hexachlorocyclopentadiene	12.566	237	732135	100.906	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	390866	48.200	ng	99

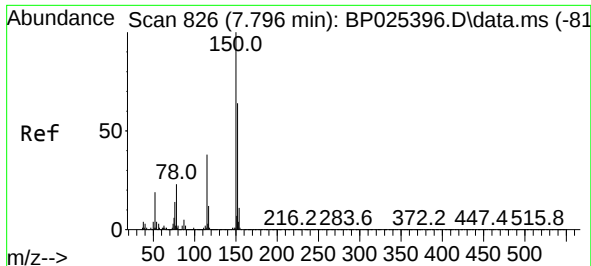
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 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	427836	48.139	ng	98
46) 1,1'-Biphenyl	13.225	154	1392727	46.108	ng	98
47) 2-Chloronaphthalene	13.266	162	1096171	46.617	ng	99
48) 2-Nitroaniline	13.466	65	334749	48.857	ng	98
49) Acenaphthylene	14.125	152	1772199	45.546	ng	100
50) Dimethylphthalate	13.854	163	1352833	44.419	ng	99
51) 2,6-Dinitrotoluene	13.966	165	298673	46.527	ng	95
52) Acenaphthene	14.466	154	1027103	44.971	ng	99
53) 3-Nitroaniline	14.296	138	224739	31.117	ng	95
54) 2,4-Dinitrophenol	14.513	184	369632	107.824	ng	98
55) Dibenzofuran	14.807	168	1603072	44.395	ng	99
56) 4-Nitrophenol	14.619	139	557711	93.972	ng	92
57) 2,4-Dinitrotoluene	14.766	165	424586	46.358	ng	96
58) Fluorene	15.466	166	1223490	42.940	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	361689	46.089	ng	98
60) Diethylphthalate	15.237	149	1363057	44.045	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	604052	42.627	ng	96
62) 4-Nitroaniline	15.478	138	323428	43.682	ng	95
63) Azobenzene	15.760	77	1220451	46.057	ng	97
65) 4,6-Dinitro-2-methylph...	15.543	198	253084	51.197	ng	96
66) n-Nitrosodiphenylamine	15.678	169	1120737	46.344	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	404207	46.344	ng	97
68) Hexachlorobenzene	16.495	284	457964	45.296	ng	97
69) Atrazine	16.654	200	429920	47.471	ng	99
70) Pentachlorophenol	16.842	266	630521	98.793	ng	97
71) Phenanthrene	17.242	178	1991575	45.716	ng	100
72) Anthracene	17.337	178	2065289	46.424	ng	100
73) Carbazole	17.613	167	1958150	46.730	ng	99
74) Di-n-butylphthalate	18.207	149	2408862	46.724	ng	100
75) Fluoranthene	19.331	202	2421989	46.609	ng	99
77) Benzidine	19.519	184	1350558	43.817	ng	99
78) Pyrene	19.701	202	2537821	43.232	ng	100
80) Butylbenzylphthalate	20.660	149	1274909	47.921	ng	99
81) Benzo(a)anthracene	21.630	228	2791590	46.868	ng	99
82) 3,3'-Dichlorobenzidine	21.548	252	796924	35.496	ng	100
83) Chrysene	21.701	228	2622312	47.011	ng	99
84) Bis(2-ethylhexyl)phtha...	21.572	149	1909245	48.751	ng	100
85) Di-n-octyl phthalate	22.866	149	3541294	52.570	ng	99
87) Indeno(1,2,3-cd)pyrene	28.865	276	3615356	45.073	ng	99
88) Benzo(b)fluoranthene	23.960	252	2951588	45.764	ng	100
89) Benzo(k)fluoranthene	24.030	252	3008563	46.616	ng	99
90) Benzo(a)pyrene	24.860	252	2866956	45.666	ng	99
91) Dibenzo(a,h)anthracene	28.959	278	2975886	45.399	ng	98
92) Benzo(g,h,i)perylene	30.054	276	2900628	45.017	ng	98

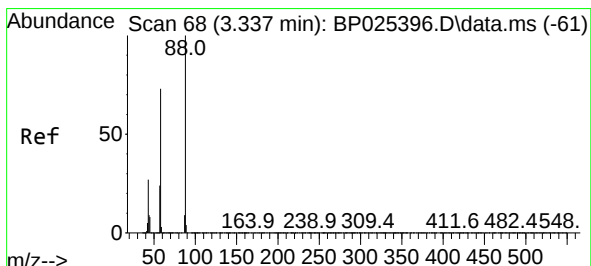
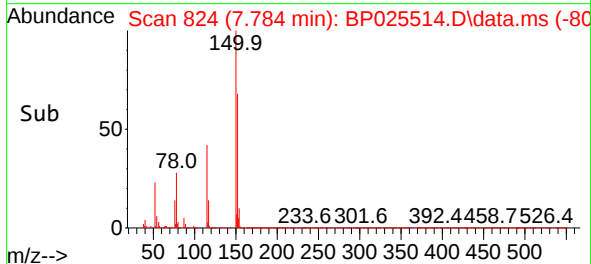
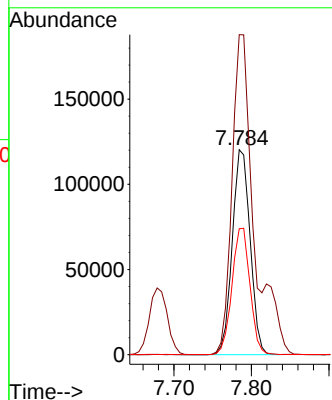
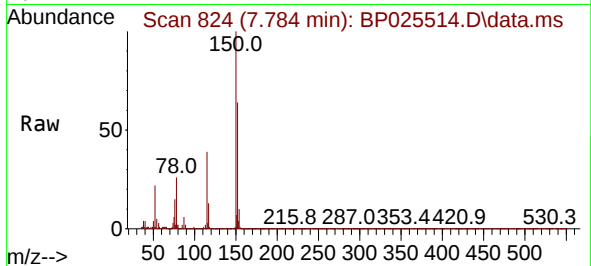
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.784 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP025514.D
 Acq: 20 Aug 2025 19:49

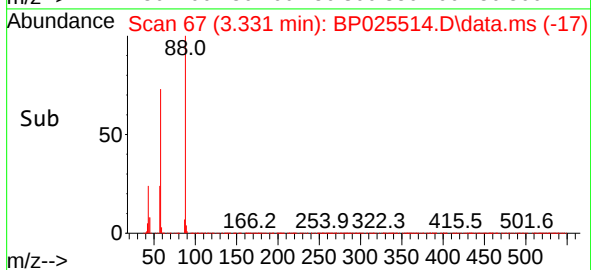
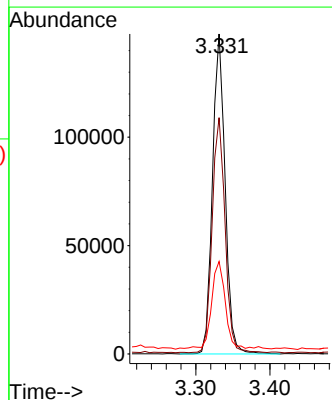
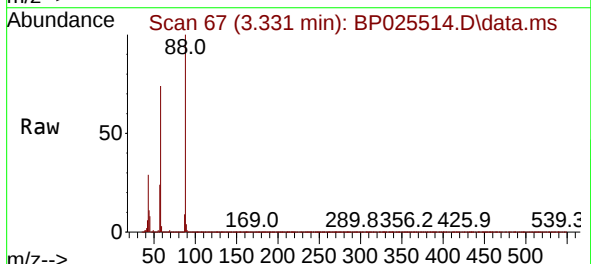
Instrument :
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 PB169259BS

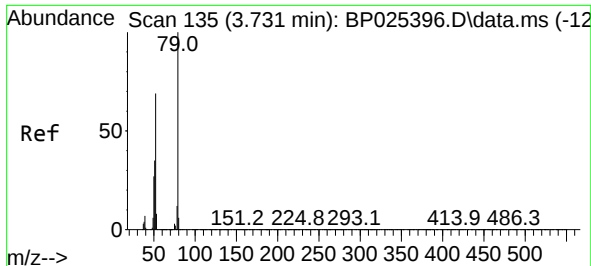
Tgt Ion:152 Resp: 193210
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.9 188.9
 115 61.4 48.5 72.7



#2
 1,4-Dioxane
 Concen: 38.230 ng
 RT: 3.331 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BP025514.D
 Acq: 20 Aug 2025 19:49

Tgt Ion: 88 Resp: 174220
 Ion Ratio Lower Upper
 88 100
 58 75.1 59.2 88.8
 43 30.0 21.7 32.5

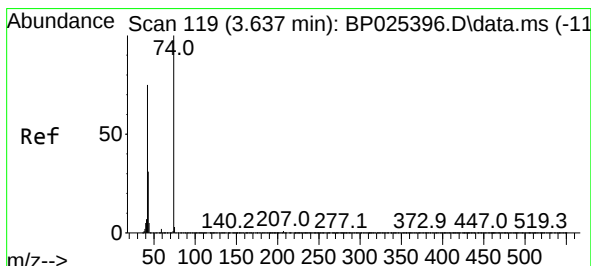
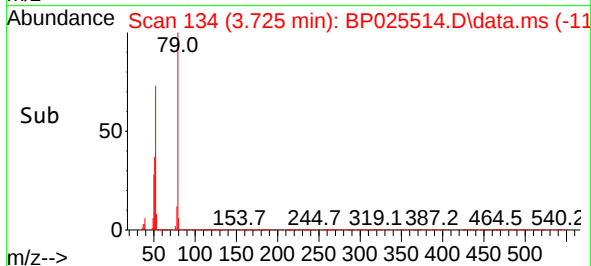
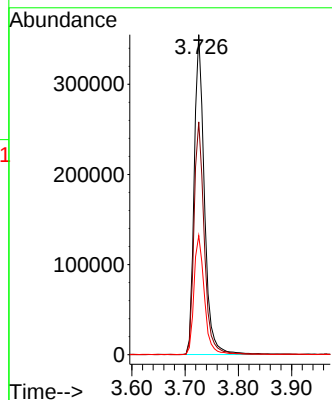
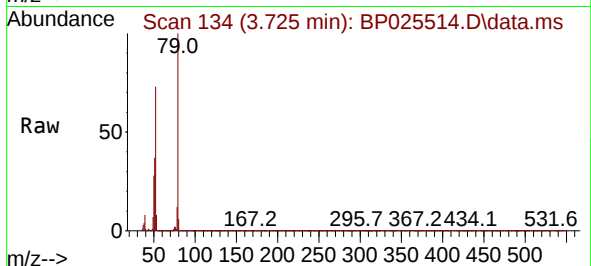




#3
Pyridine
Concen: 38.018 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

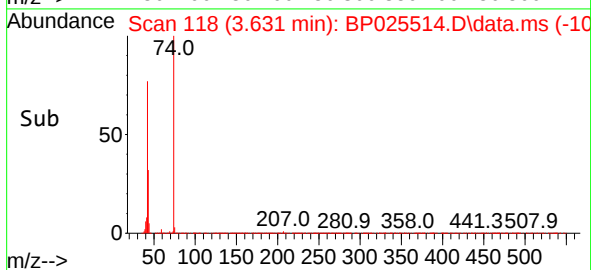
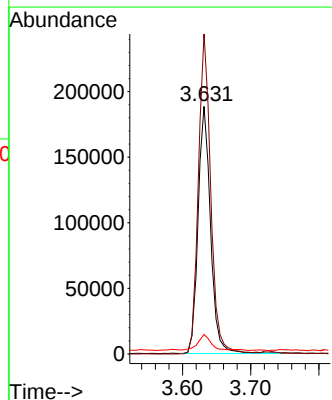
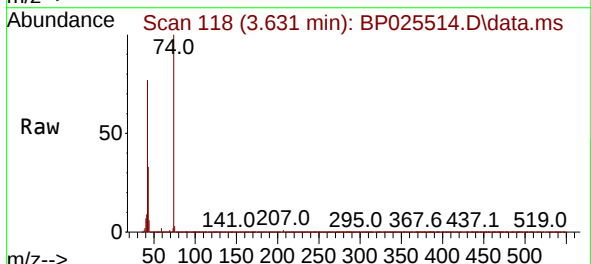
Instrument :
BNA_P
ClientSampleId :
PB169259BS

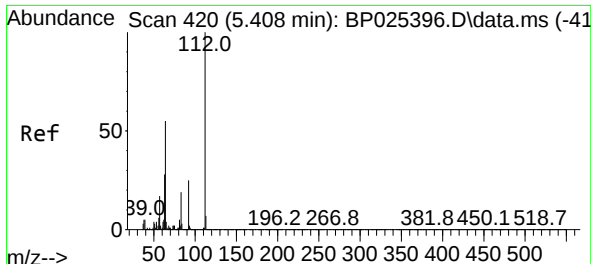
Tgt Ion: 79 Resp: 474202
Ion Ratio Lower Upper
79 100
52 72.8 55.5 83.3
51 37.2 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 46.586 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion: 42 Resp: 239558
Ion Ratio Lower Upper
42 100
74 129.3 107.0 160.4
44 7.9 6.2 9.4

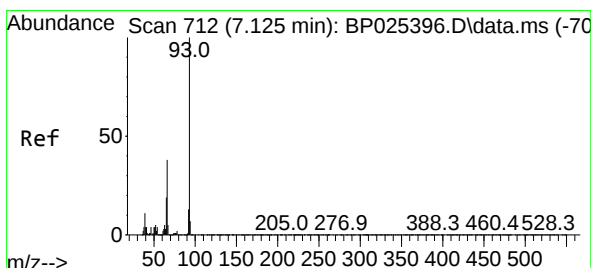
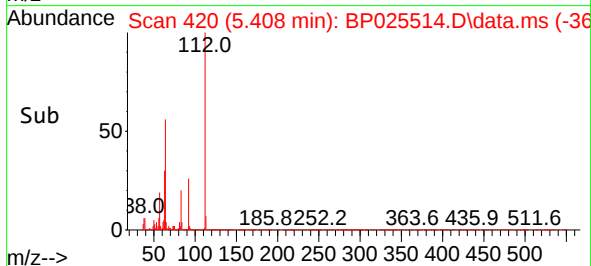
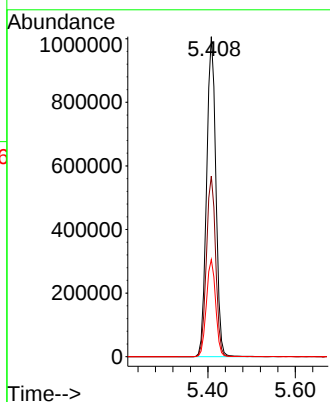
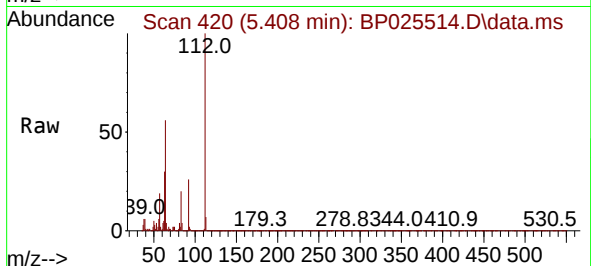




#5
2-Fluorophenol
Concen: 127.400 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

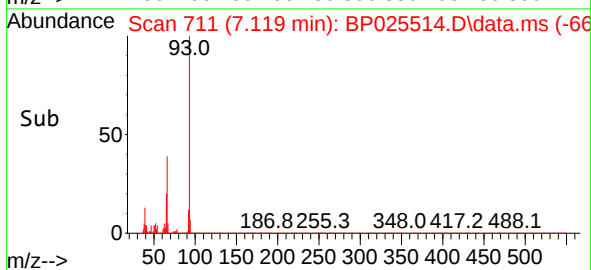
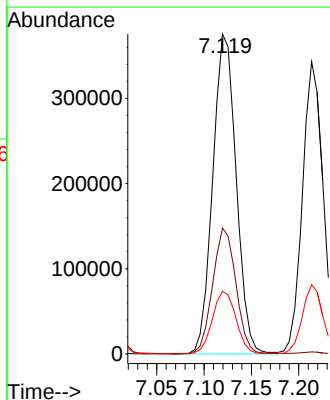
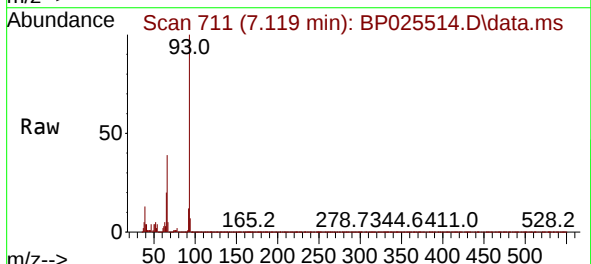
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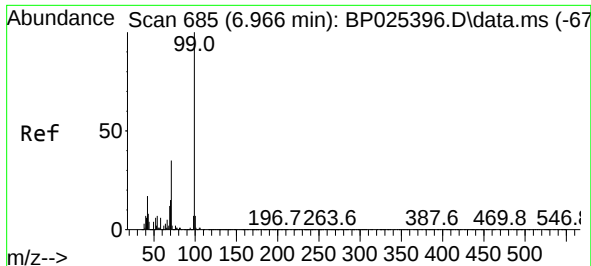
Tgt Ion:112 Resp: 1482206
Ion Ratio Lower Upper
112 100
64 56.4 43.8 65.8
63 30.4 22.7 34.1



#6
Aniline
Concen: 32.133 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion: 93 Resp: 645772
Ion Ratio Lower Upper
93 100
66 39.4 30.4 45.6
65 19.6 15.3 22.9



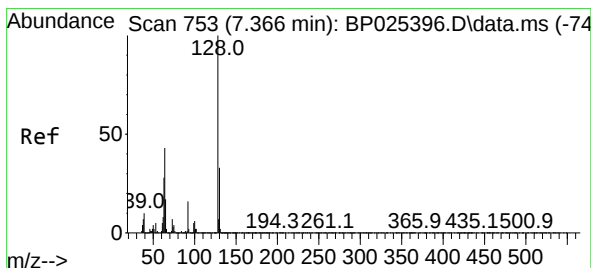
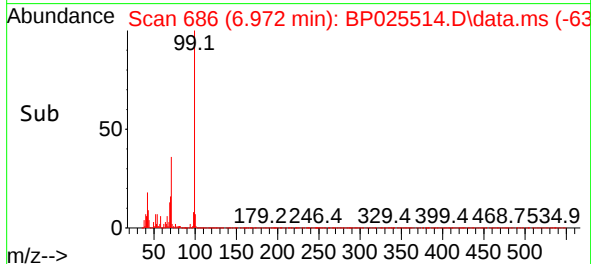
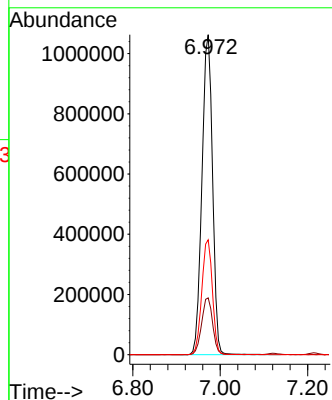
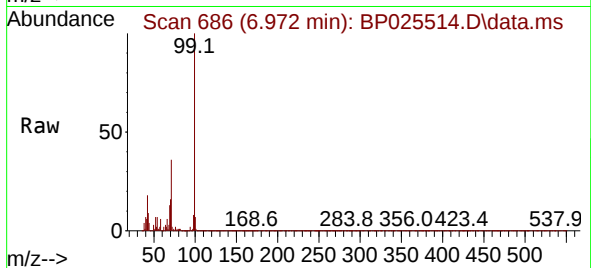


#7
Phenol-d6
Concen: 120.218 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Instrument :
BNA_P
ClientSampleId :
PB169259BS

Tgt Ion: 99 Resp: 1793190

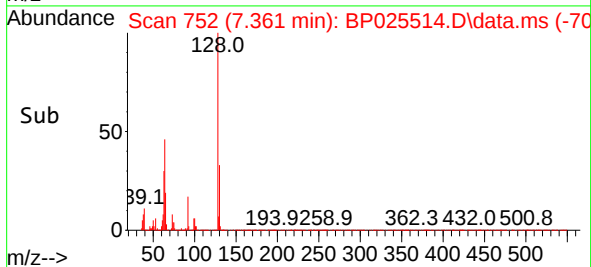
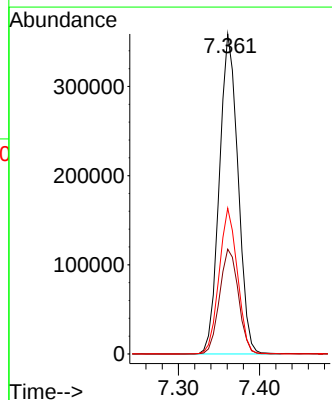
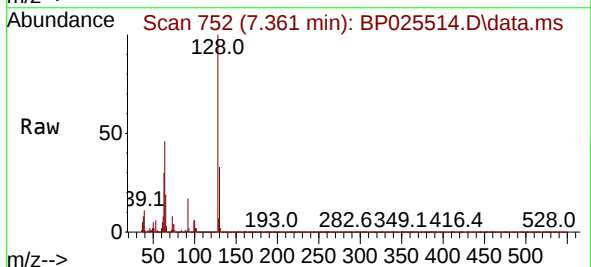
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.7	20.5
71	35.9	28.2	42.4

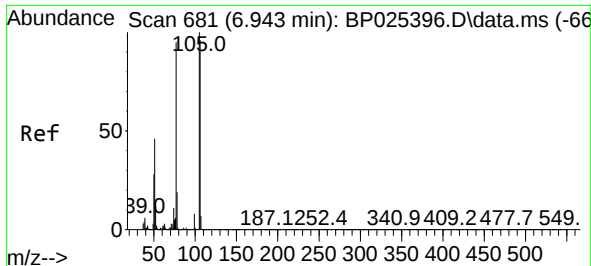


#8
2-Chlorophenol
Concen: 43.641 ng
RT: 7.361 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion: 128 Resp: 572945

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	45.6	23.4	63.4

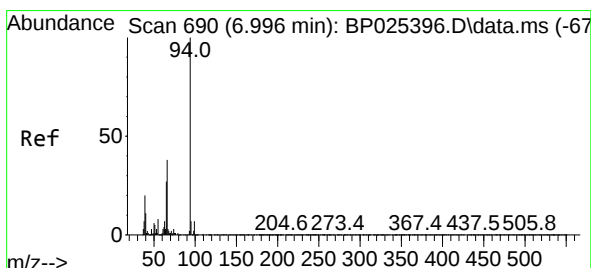
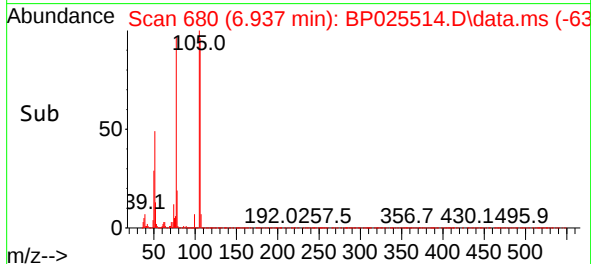
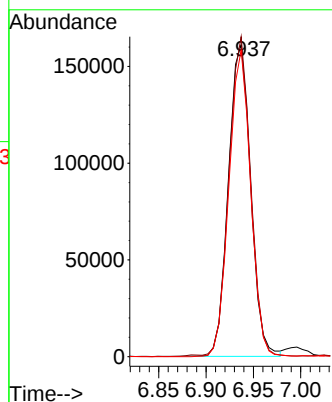
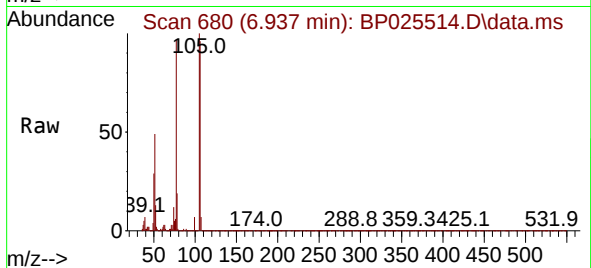




#9
Benzaldehyde
Concen: 25.225 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

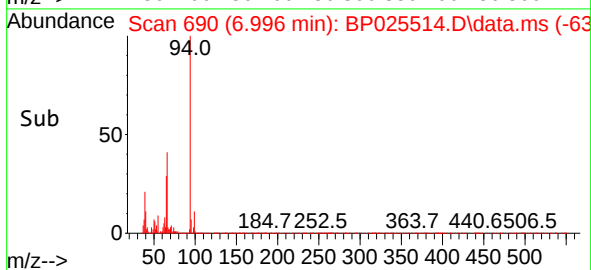
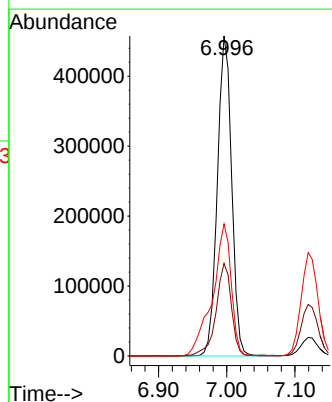
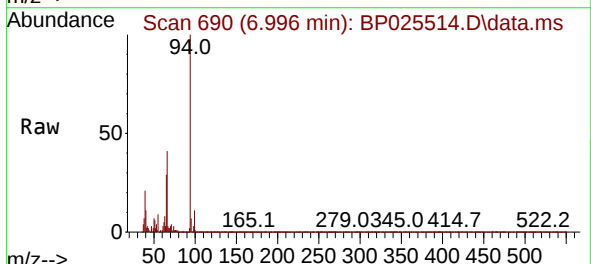
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PB169259BS

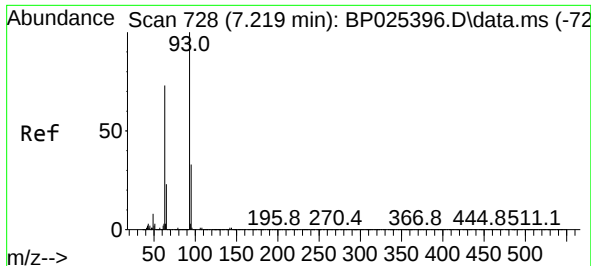
Tgt Ion: 77 Resp: 263614
Ion Ratio Lower Upper
77 100
105 102.6 84.8 124.8
106 98.3 80.5 120.5



#10
Phenol
Concen: 42.672 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion: 94 Resp: 667894
Ion Ratio Lower Upper
94 100
65 28.9 6.8 46.8
66 41.2 18.2 58.2



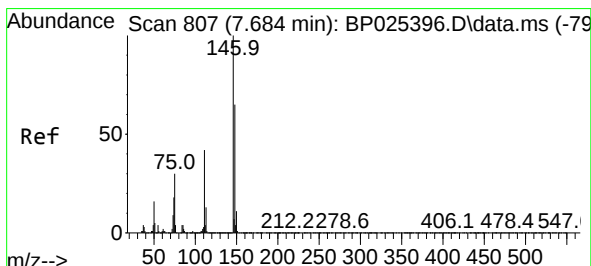
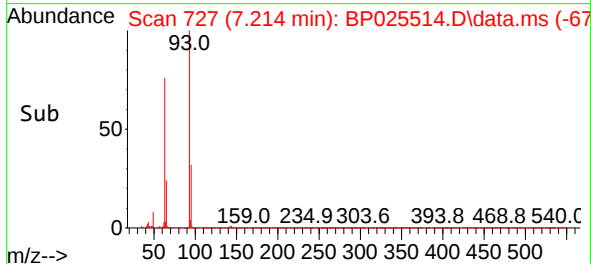
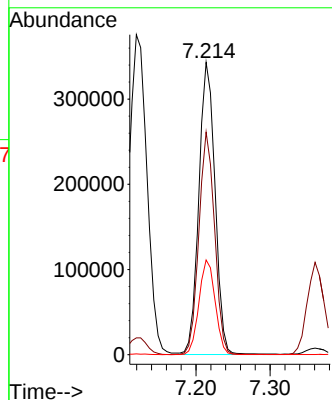
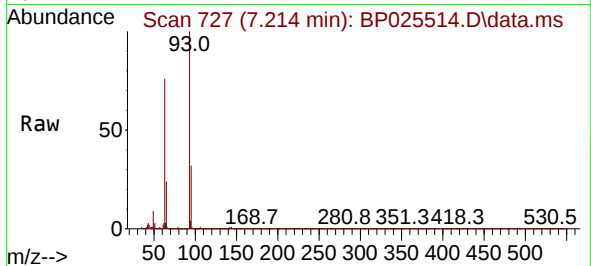


#11
 bis(2-Chloroethyl)ether
 Concen: 42.600 ng
 RT: 7.214 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP025514.D
 Acq: 20 Aug 2025 19:49

Instrument :
 BNA_P
 ClientSampleId :
 PB169259BS

Tgt Ion: 93 Resp: 519692

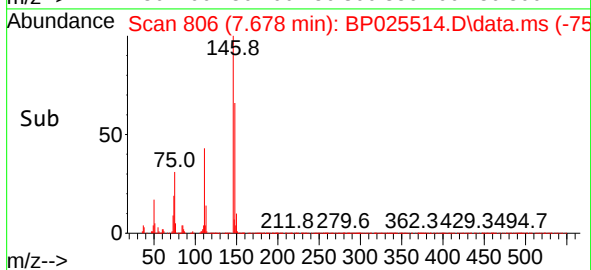
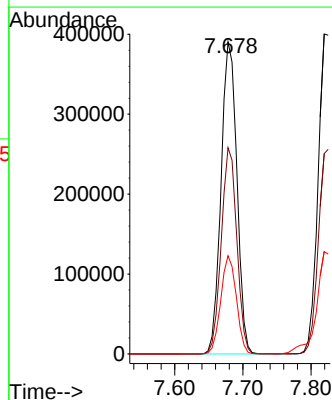
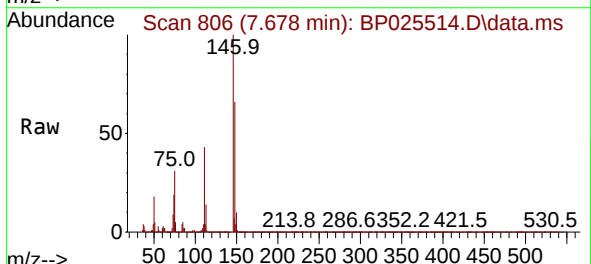
Ion	Ratio	Lower	Upper
93	100		
63	76.1	52.6	92.6
95	32.4	12.7	52.7

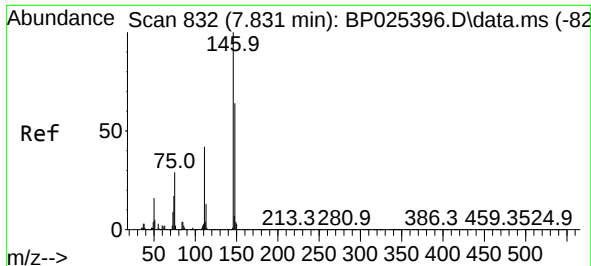


#12
 1,3-Dichlorobenzene
 Concen: 43.558 ng
 RT: 7.678 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BP025514.D
 Acq: 20 Aug 2025 19:49

Tgt Ion: 146 Resp: 630575

Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.9	77.9
75	31.5	23.7	35.5

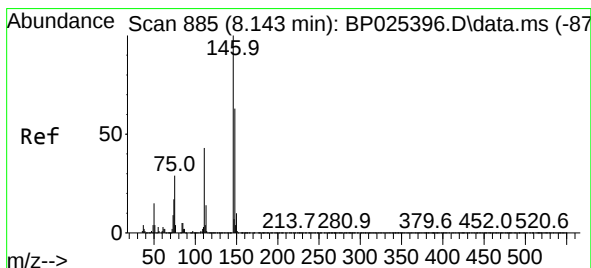
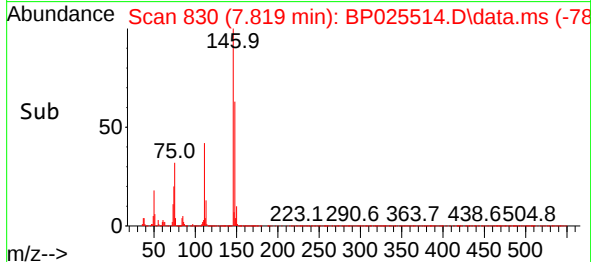
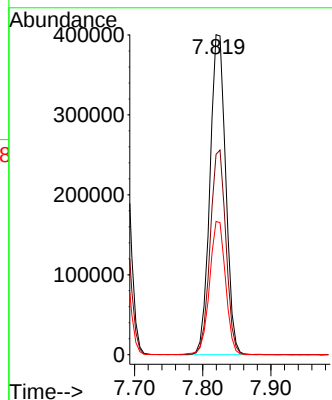
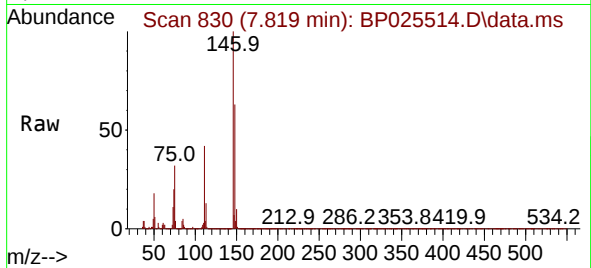




#13
1,4-Dichlorobenzene
Concen: 43.554 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

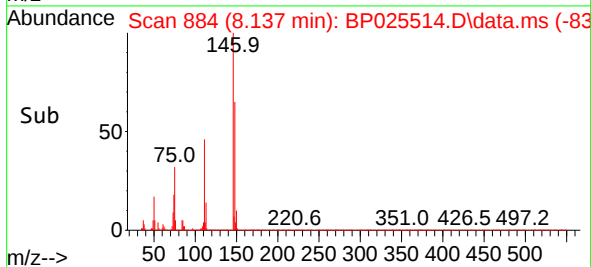
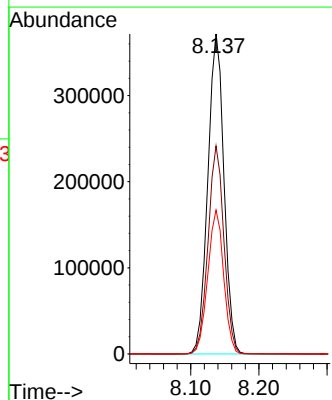
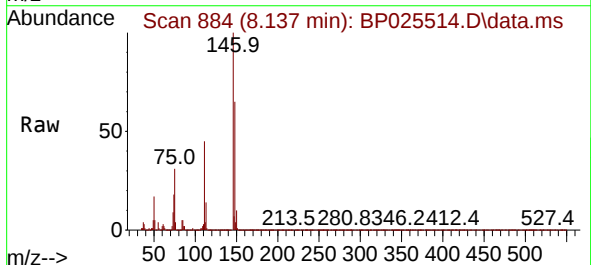
Instrument :
BNA_P
ClientSampleId :
PB169259BS

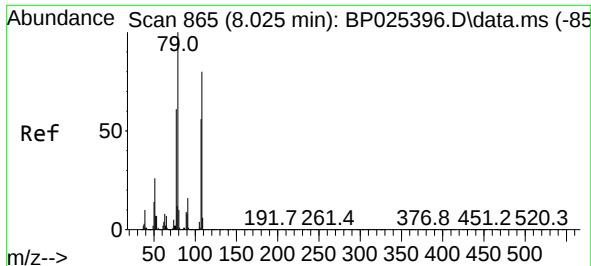
Tgt Ion:146 Resp: 644460
Ion Ratio Lower Upper
146 100
148 62.6 51.6 77.4
111 41.7 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 42.736 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:146 Resp: 612126
Ion Ratio Lower Upper
146 100
148 65.0 50.4 75.6
111 45.0 34.5 51.7

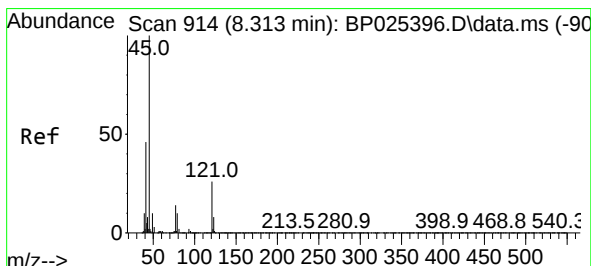
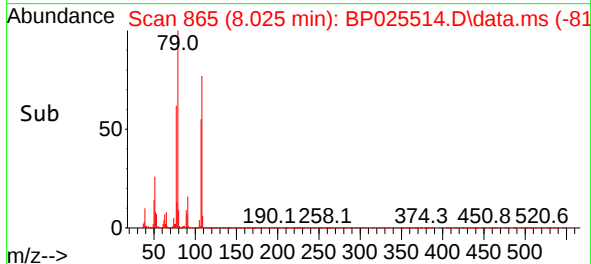
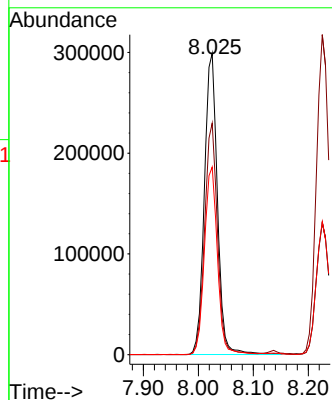
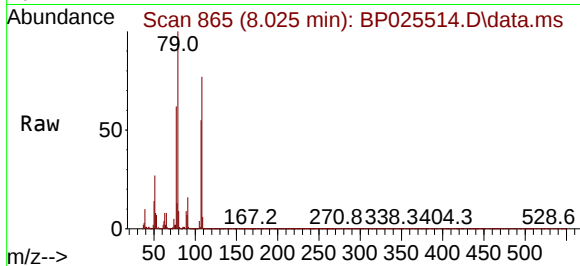




#15
Benzyl Alcohol
Concen: 41.602 ng
RT: 8.025 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

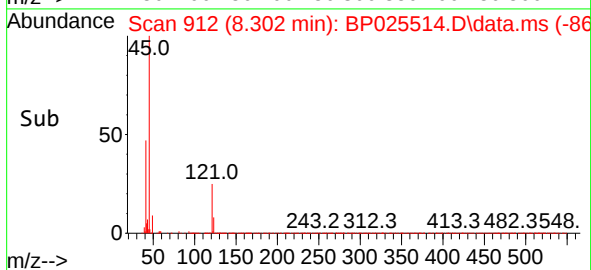
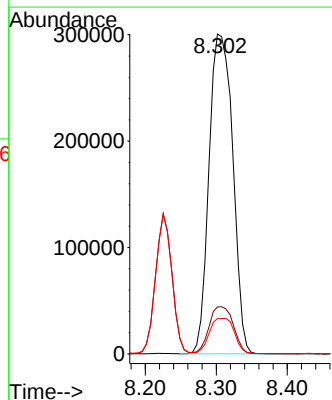
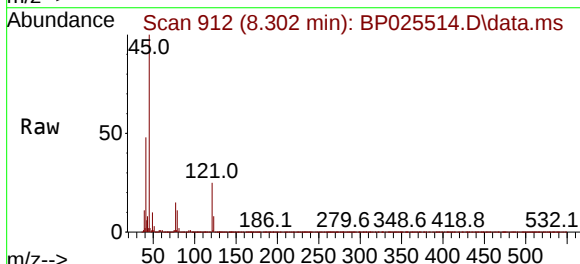
Instrument :
BNA_P
ClientSampleId :
PB169259BS

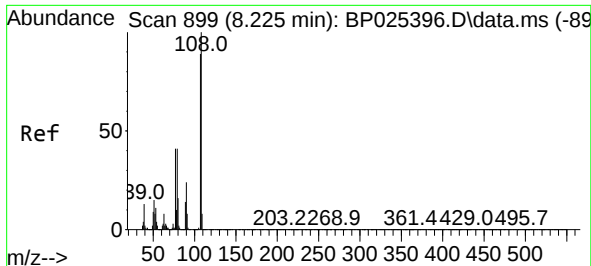
Tgt Ion: 79 Resp: 493055
Ion Ratio Lower Upper
79 100
108 76.8 63.8 95.6
77 62.2 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.641 ng
RT: 8.302 min Scan# 912
Delta R.T. -0.012 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion: 45 Resp: 696846
Ion Ratio Lower Upper
45 100
77 14.7 0.0 35.3
79 11.0 0.0 31.8

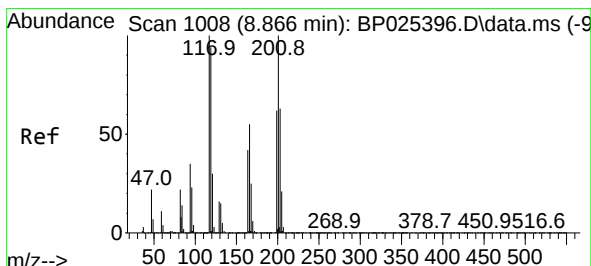
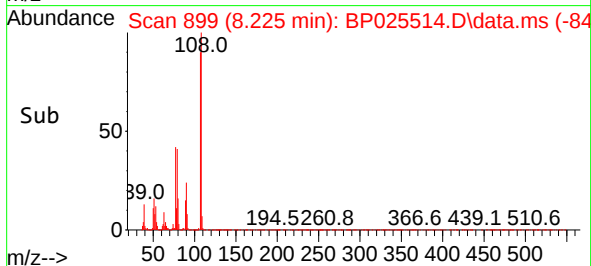
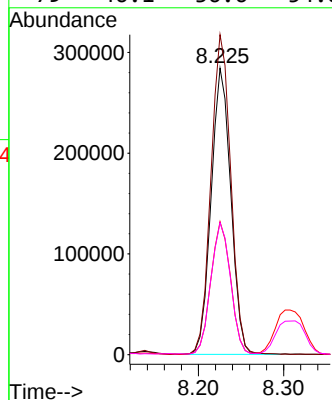
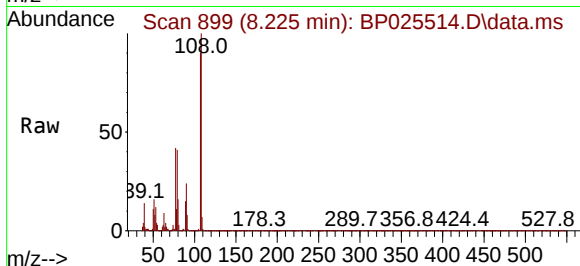




#17
2-Methylphenol
Concen: 41.920 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

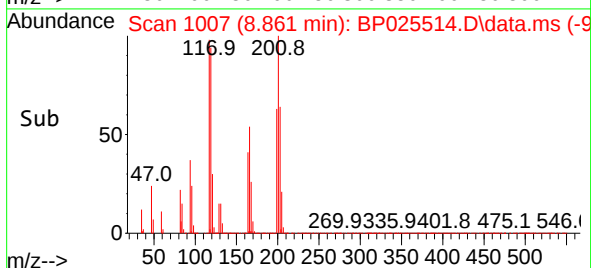
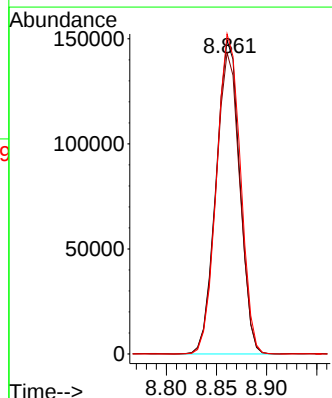
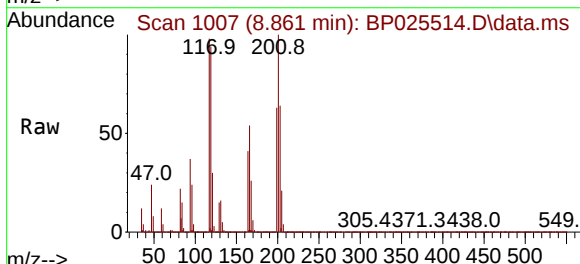
Instrument :
BNA_P
ClientSampleId :
PB169259BS

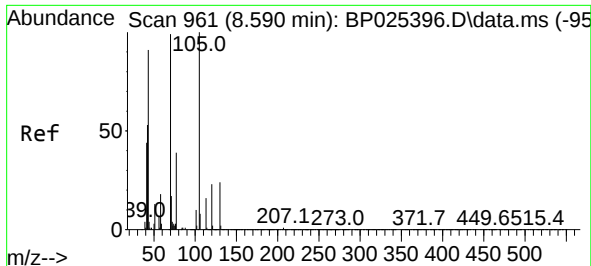
Tgt Ion:	107	Resp:	455684
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.4	134.0
77	46.4	36.3	54.5
79	46.1	36.6	54.8



#18
Hexachloroethane
Concen: 45.019 ng
RT: 8.861 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:	117	Resp:	244923
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.1	112.7
201	102.0	80.1	120.1

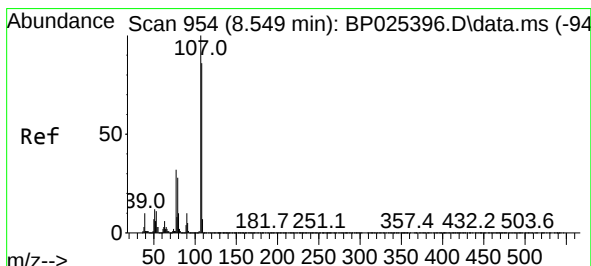
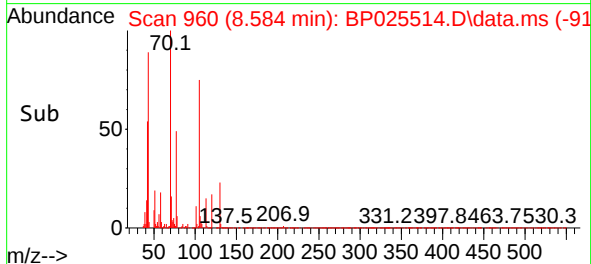
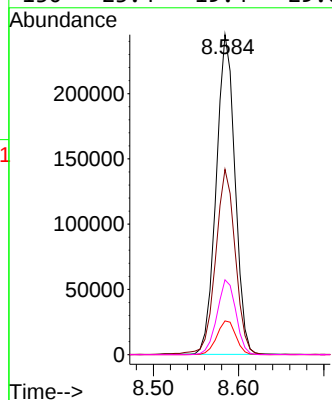
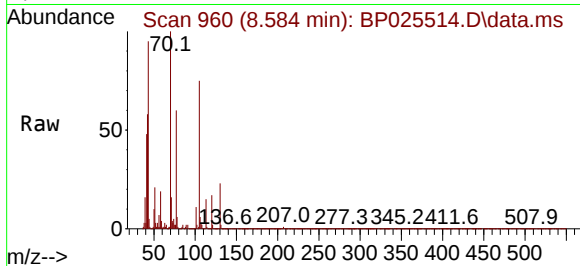




#19
n-Nitroso-di-n-propylamine
Concen: 37.955 ng
RT: 8.584 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

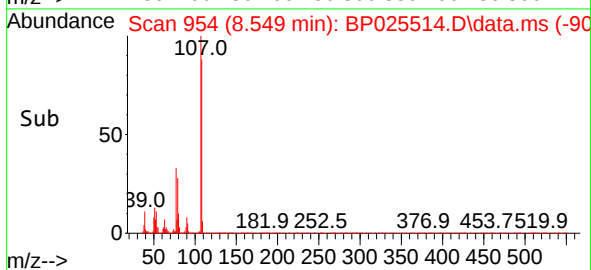
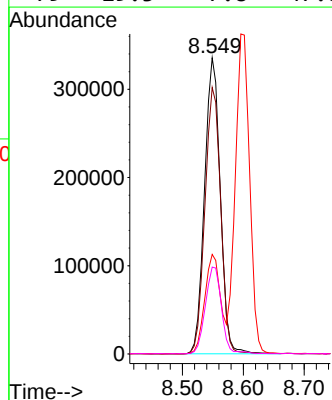
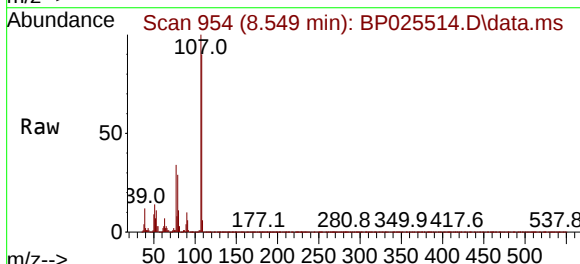
Instrument :
BNA_P
ClientSampleId :
PB169259BS

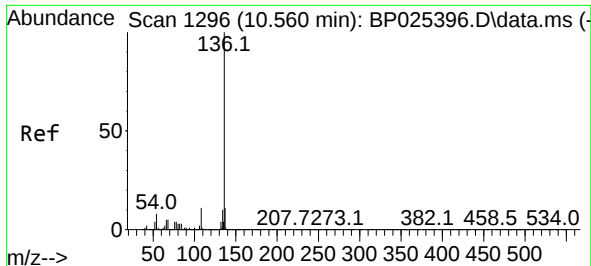
Tgt Ion: 70 Resp: 374997
Ion Ratio Lower Upper
70 100
42 57.9 43.8 65.6
101 10.5 8.5 12.7
130 23.4 19.4 29.0



#20
3+4-Methylphenols
Concen: 39.929 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion: 107 Resp: 601647
Ion Ratio Lower Upper
107 100
108 90.0 66.3 106.3
77 33.6 12.3 52.3
79 29.3 7.8 47.8

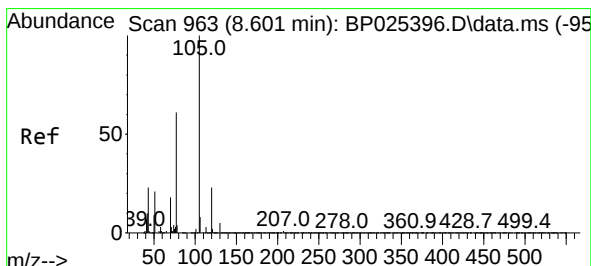
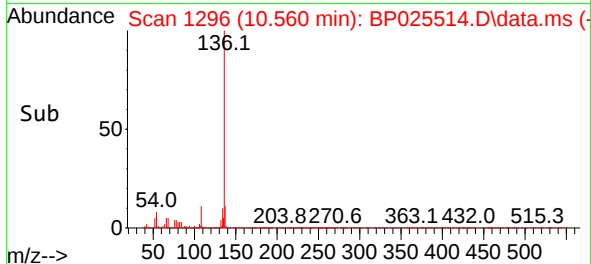
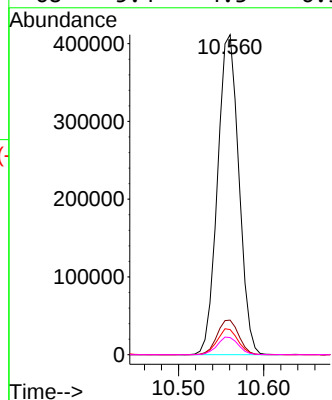
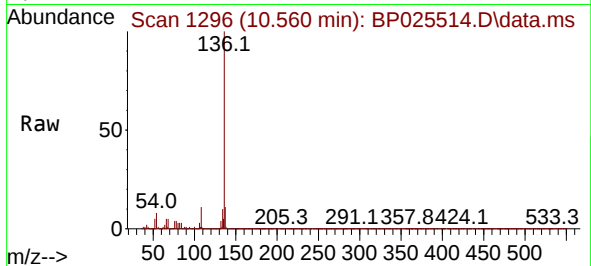




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

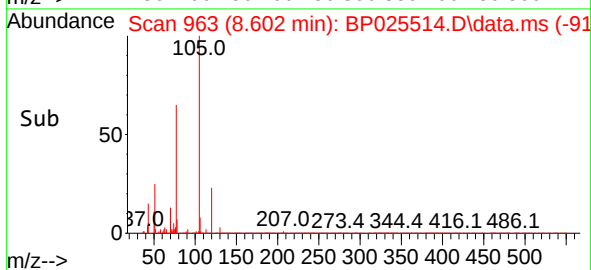
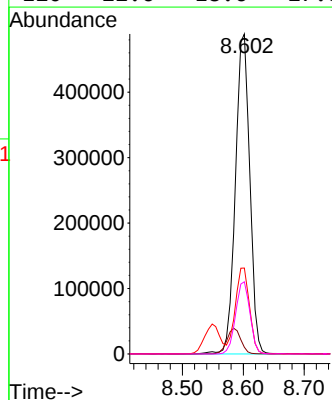
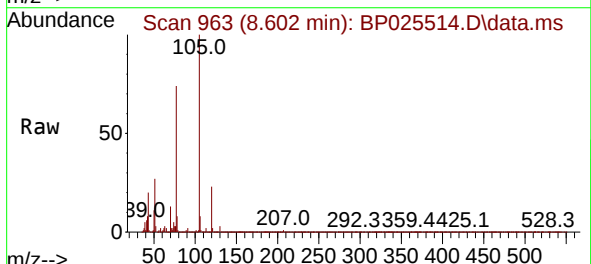
Instrument :
BNA_P
ClientSampleId :
PB169259BS

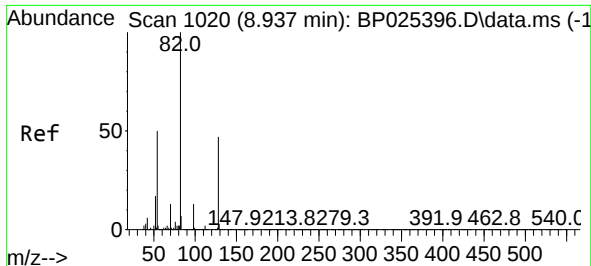
Tgt Ion:	136	Resp:	716493
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.8	6.0	9.0
68	5.4	4.3	6.5



#22
Acetophenone
Concen: 44.676 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:	105	Resp:	802741
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.6	4.0#
51	26.8	20.6	30.8
120	22.6	18.6	27.8

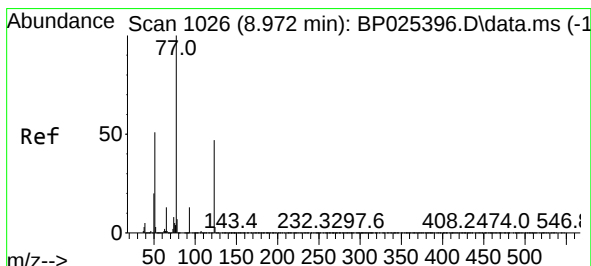
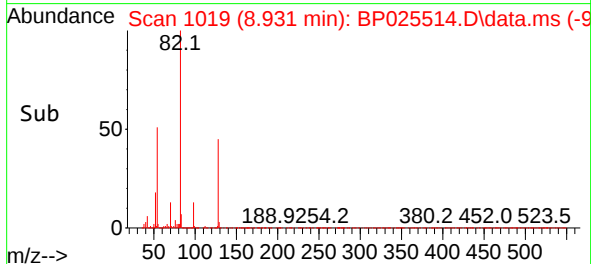
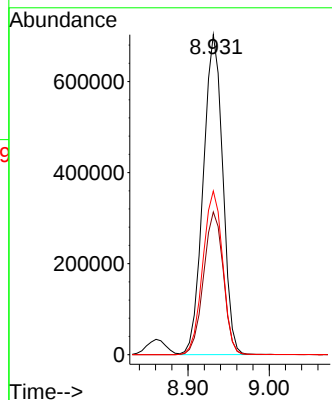
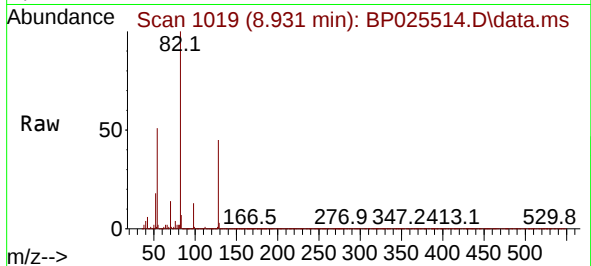




#23
Nitrobenzene-d5
Concen: 82.712 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

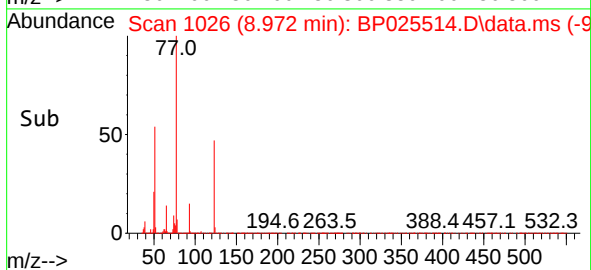
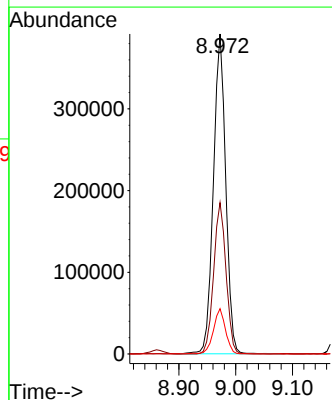
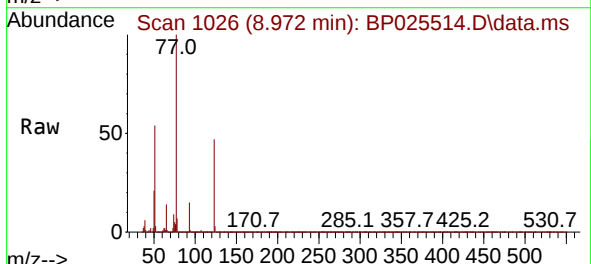
Instrument :
BNA_P
ClientSampleId :
PB169259BS

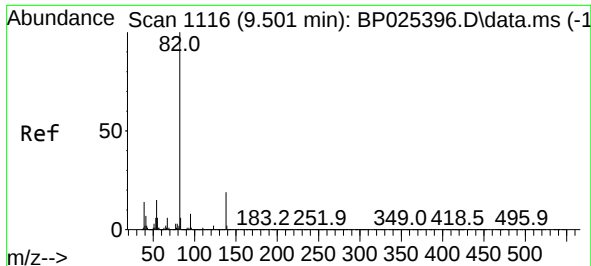
Tgt Ion: 82 Resp: 1171537
Ion Ratio Lower Upper
82 100
128 44.6 37.7 56.5
54 51.1 39.8 59.6



#24
Nitrobenzene
Concen: 46.476 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion: 77 Resp: 588320
Ion Ratio Lower Upper
77 100
123 47.3 38.6 58.0
65 14.2 10.6 15.8

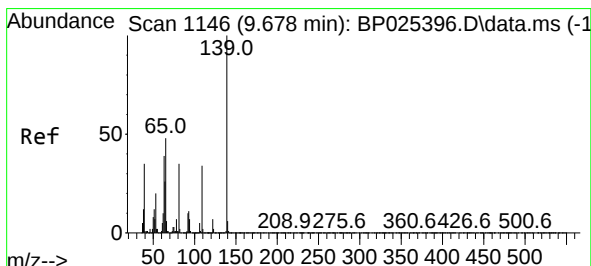
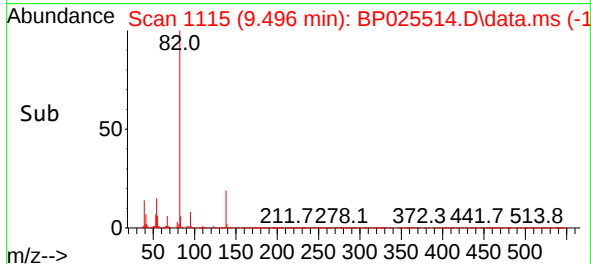
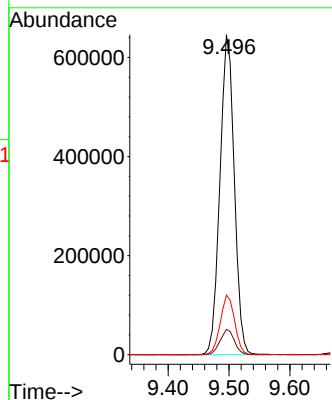
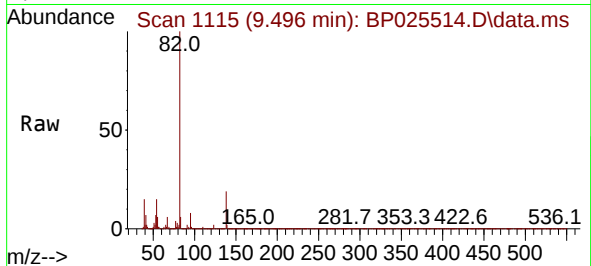




#25
Isophorone
Concen: 42.106 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

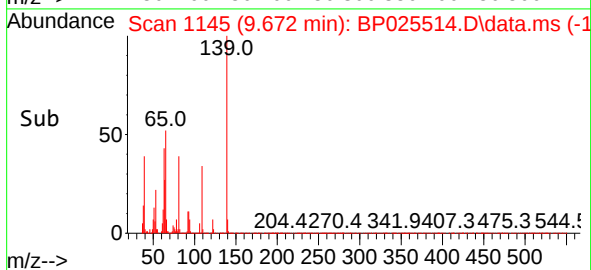
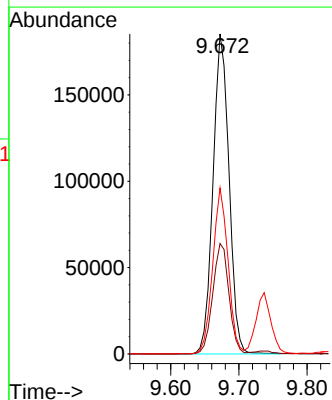
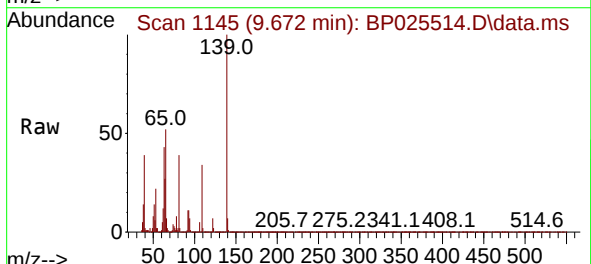
Instrument :
BNA_P
ClientSampleId :
PB169259BS

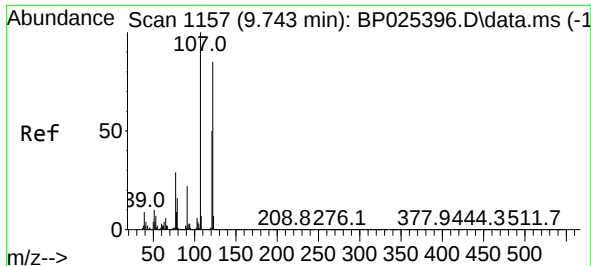
Tgt Ion: 82 Resp: 1055464
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.6 15.4 23.0



#26
2-Nitrophenol
Concen: 46.648 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion: 139 Resp: 303049
Ion Ratio Lower Upper
139 100
109 34.5 26.9 40.3
65 51.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 44.917 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

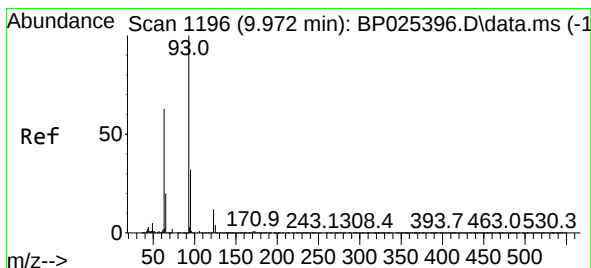
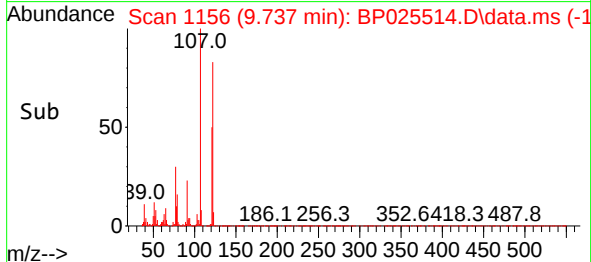
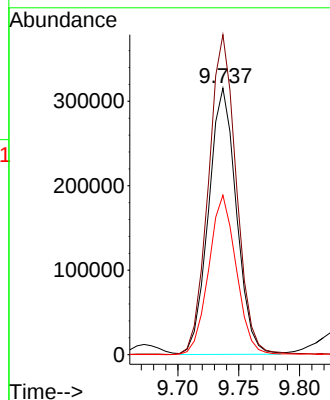
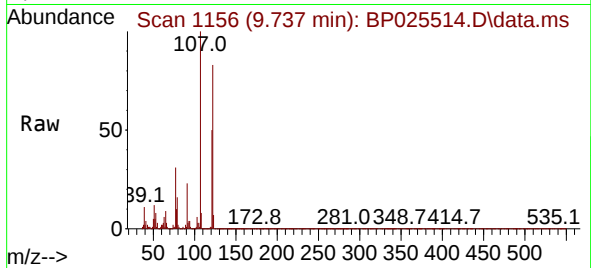
Tgt Ion:122 Resp: 501812

Ion Ratio Lower Upper

122 100

107 120.1 93.7 140.5

121 59.9 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.013 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

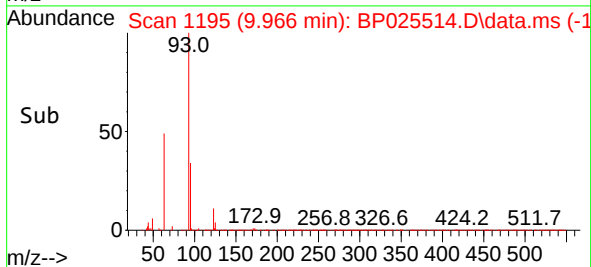
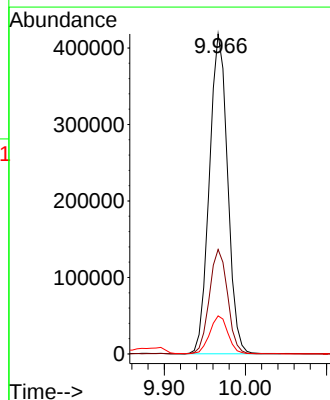
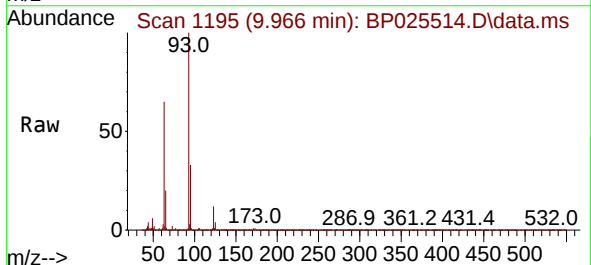
Tgt Ion: 93 Resp: 651737

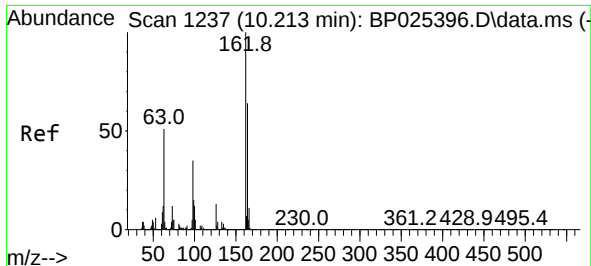
Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.0

123 11.9 9.4 14.0

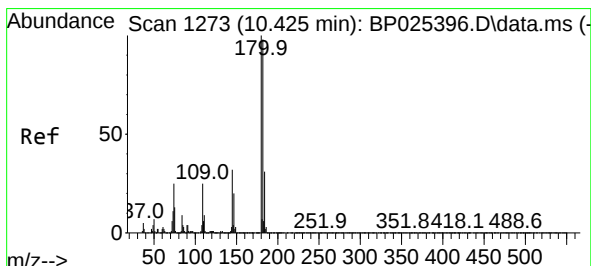
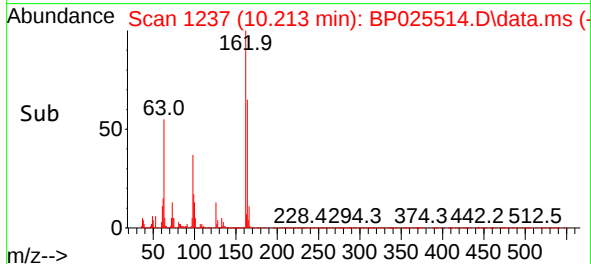
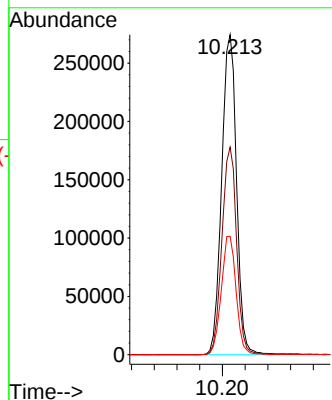
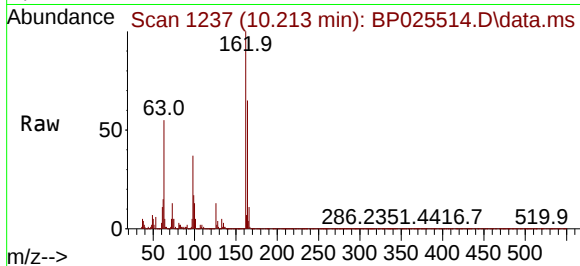




#29
2,4-Dichlorophenol
Concen: 44.999 ng
RT: 10.213 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

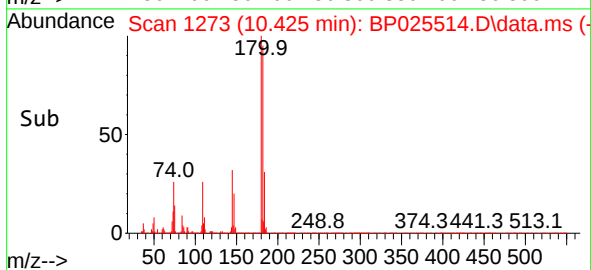
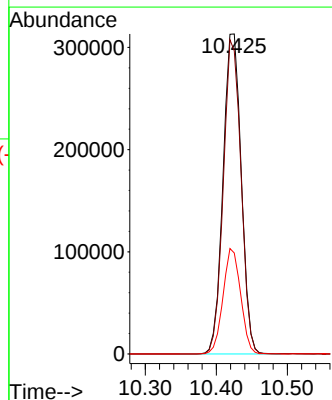
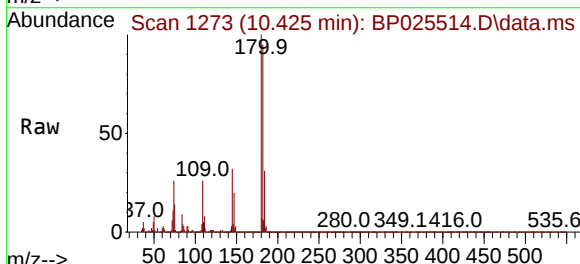
Instrument :
BNA_P
ClientSampleId :
PB169259BS

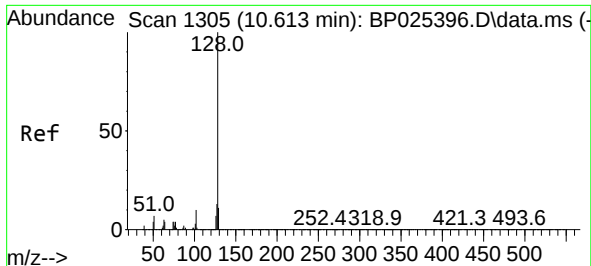
Tgt Ion:162 Resp: 499409
Ion Ratio Lower Upper
162 100
164 64.8 44.4 84.4
98 37.0 14.9 54.9



#30
1,2,4-Trichlorobenzene
Concen: 45.613 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:180 Resp: 554932
Ion Ratio Lower Upper
180 100
182 94.7 78.0 117.0
145 31.5 25.9 38.9

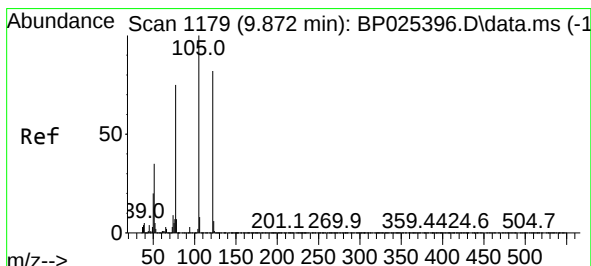
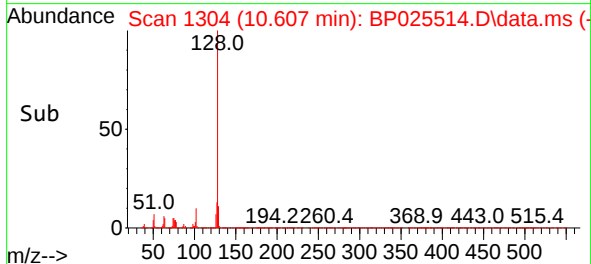
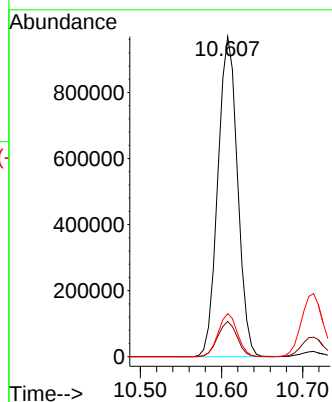
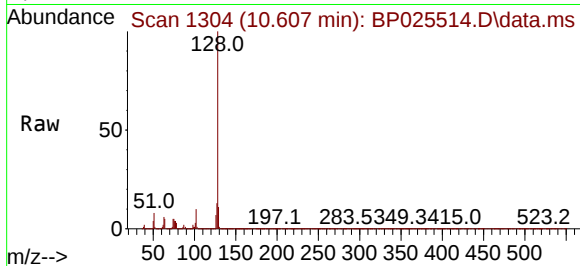




#31
Naphthalene
Concen: 43.862 ng
RT: 10.607 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

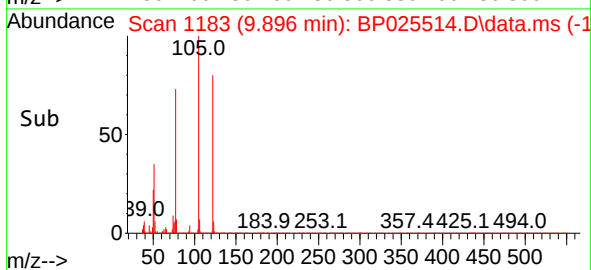
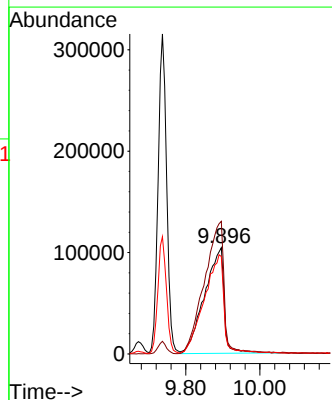
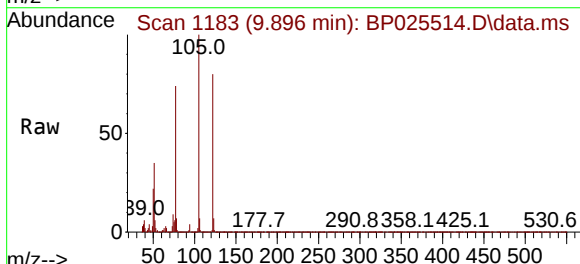
Instrument :
BNA_P
ClientSampleId :
PB169259BS

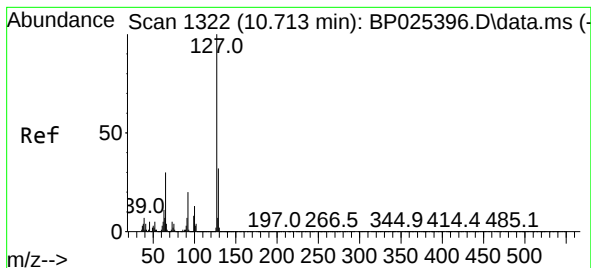
Tgt Ion:128 Resp: 1633423
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 46.285 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.024 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:122 Resp: 381761
Ion Ratio Lower Upper
122 100
105 124.8 100.6 140.6
77 91.8 71.5 111.5





#33

4-Chloroaniline

Concen: 21.988 ng

RT: 10.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

Tgt Ion:127 Resp: 361701

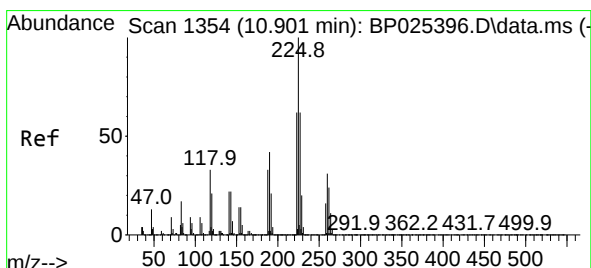
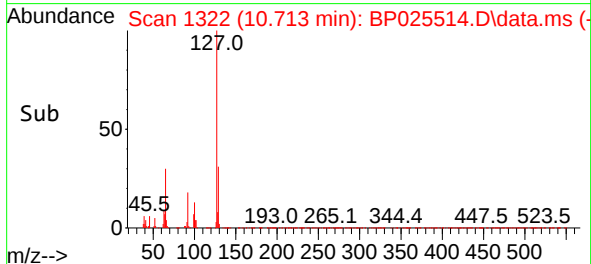
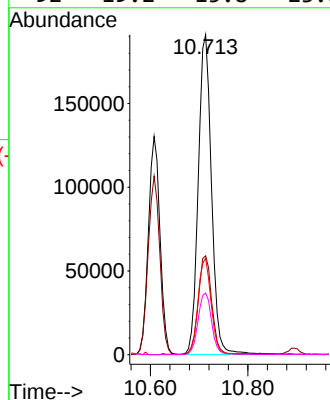
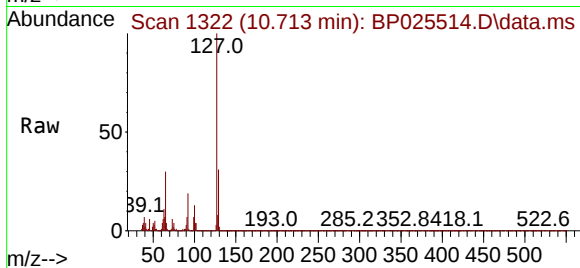
Ion Ratio Lower Upper

127 100

129 30.9 25.4 38.2

65 30.1 23.8 35.6

92 19.2 15.8 23.8



#34

Hexachlorobutadiene

Concen: 46.673 ng

RT: 10.896 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

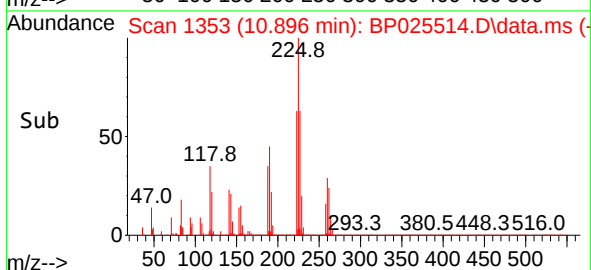
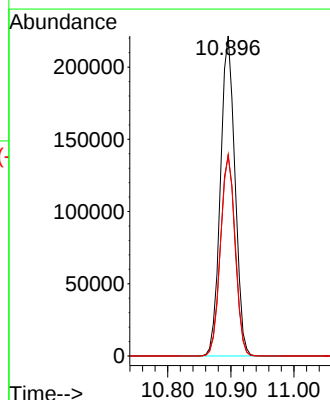
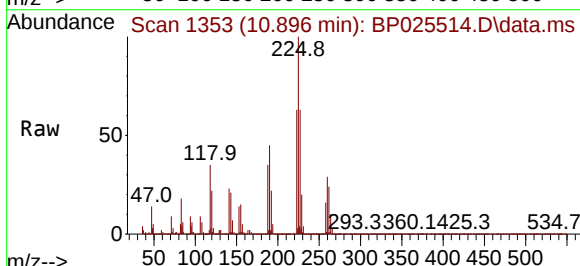
Tgt Ion:225 Resp: 353627

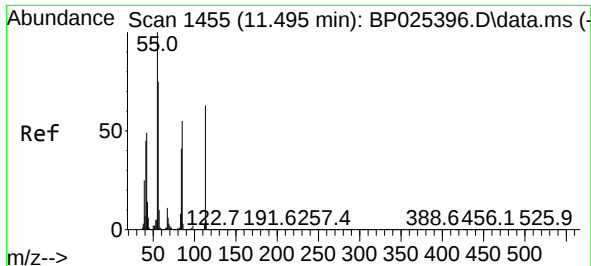
Ion Ratio Lower Upper

225 100

223 62.5 50.0 75.0

227 63.0 49.7 74.5

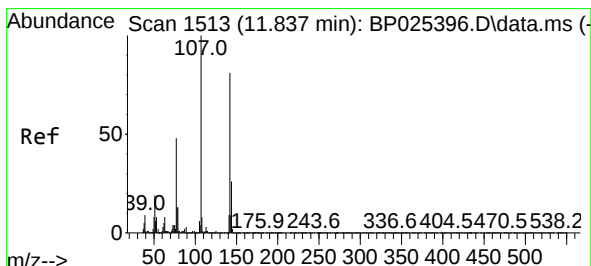
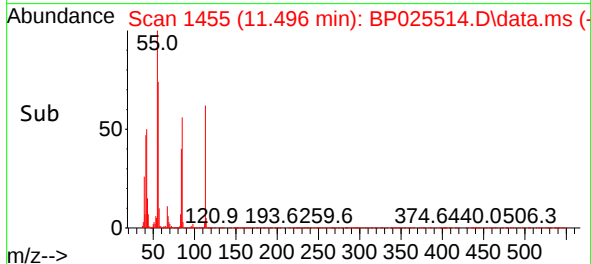
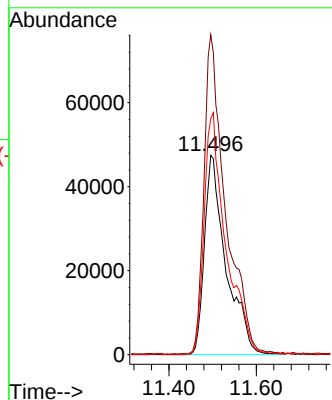
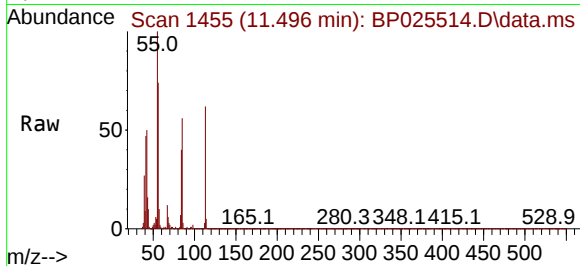




#35
Caprolactam
Concen: 40.163 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

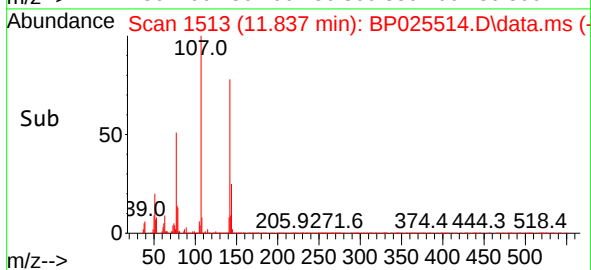
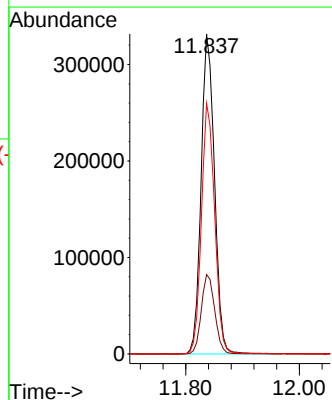
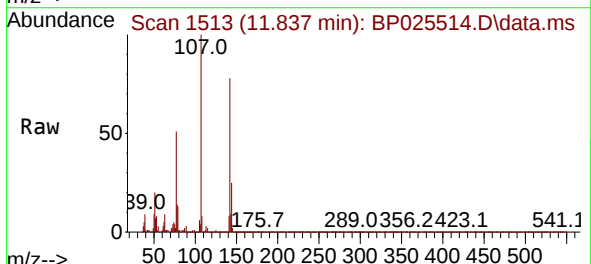
Instrument :
BNA_P
ClientSampleId :
PB169259BS

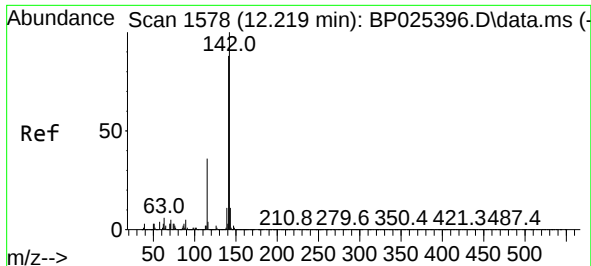
Tgt Ion:113 Resp: 163441
Ion Ratio Lower Upper
113 100
55 160.5 140.0 180.0
56 118.4 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 42.595 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:107 Resp: 542442
Ion Ratio Lower Upper
107 100
144 24.8 21.0 31.4
142 78.4 64.6 97.0

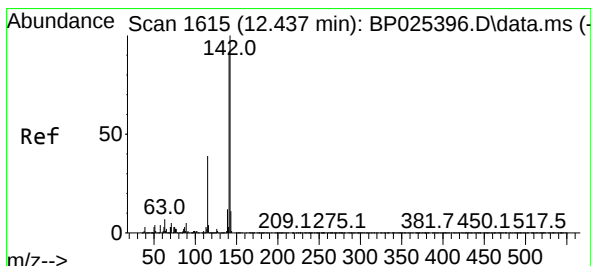
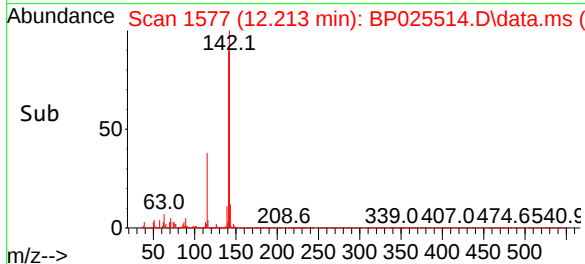
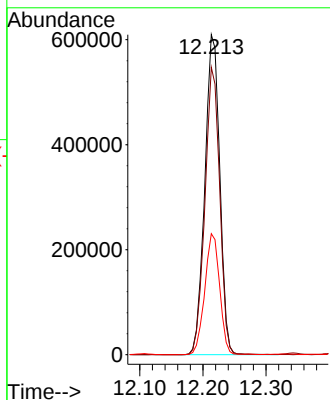
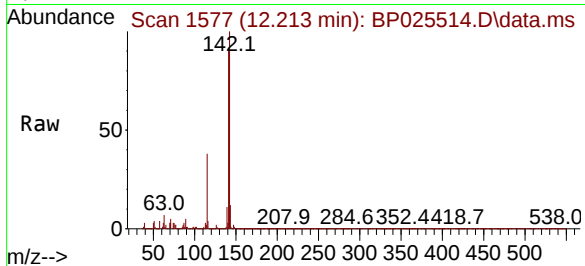




#37
2-Methylnaphthalene
Concen: 41.365 ng
RT: 12.213 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

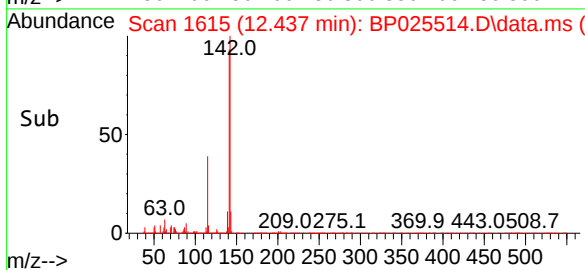
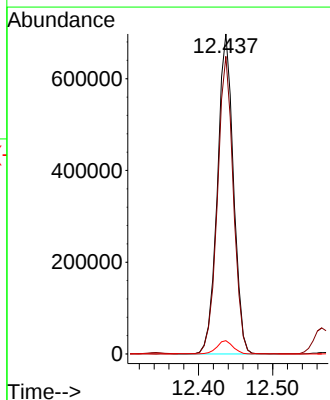
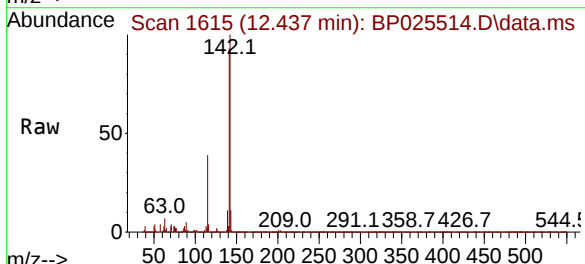
Instrument :
BNA_P
ClientSampleId :
PB169259BS

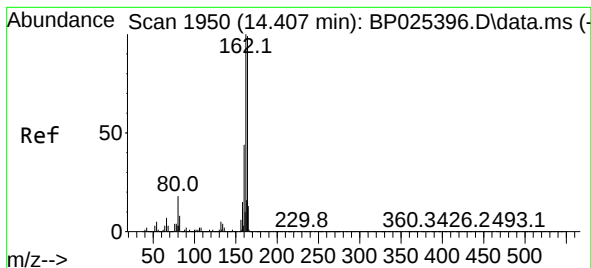
Tgt Ion:142 Resp: 1002467
Ion Ratio Lower Upper
142 100
141 89.8 70.3 105.5
115 37.8 28.9 43.3



#38
1-Methylnaphthalene
Concen: 40.695 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:142 Resp: 1048812
Ion Ratio Lower Upper
142 100
141 93.0 73.1 109.7
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

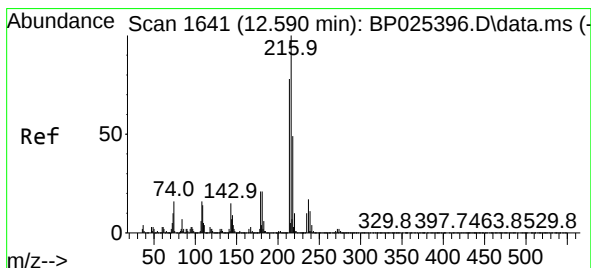
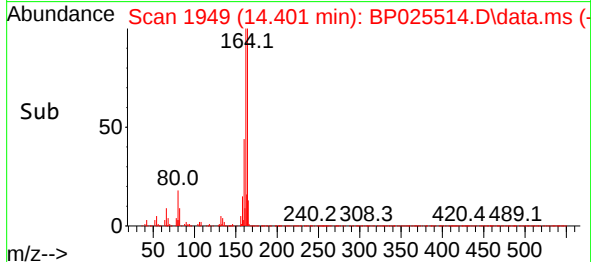
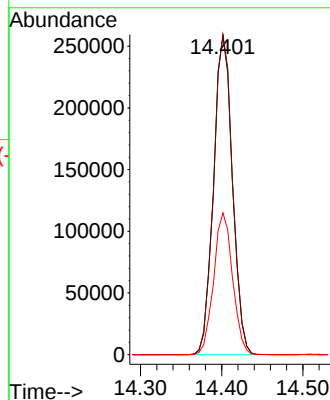
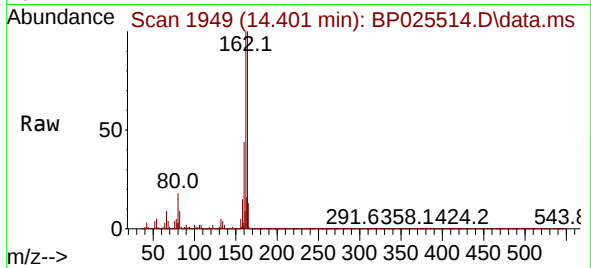
Tgt Ion:164 Resp: 415906

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.6

160 44.5 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.298 ng

RT: 12.584 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Tgt Ion:216 Resp: 580153

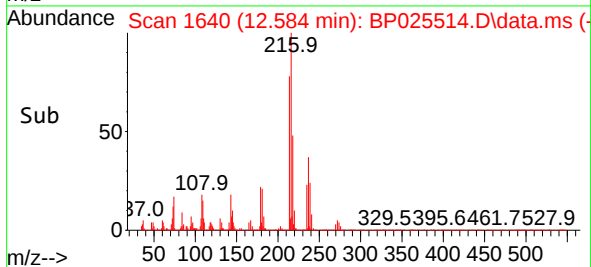
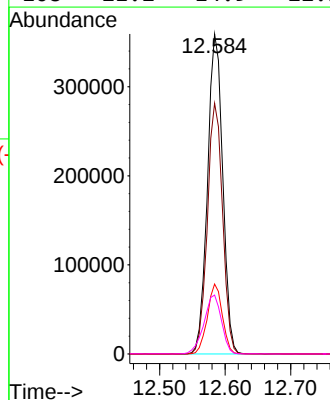
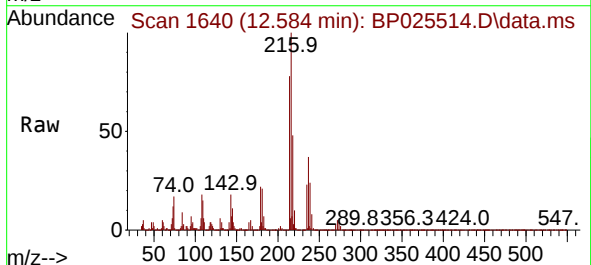
Ion Ratio Lower Upper

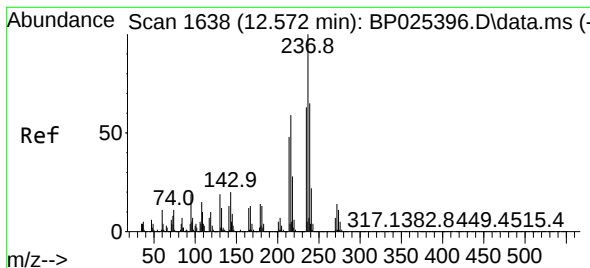
216 100

214 78.4 63.0 94.4

179 21.5 17.1 25.7

108 21.2 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 100.906 ng

RT: 12.566 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

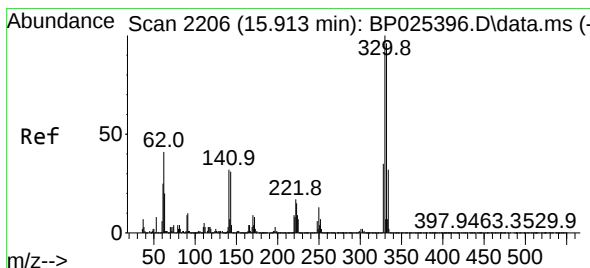
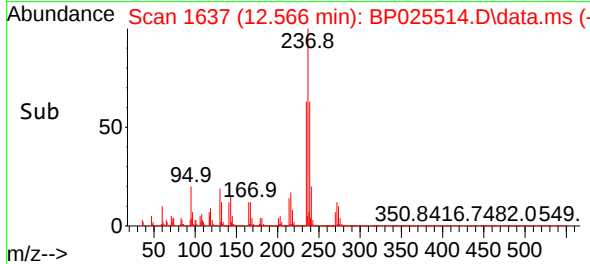
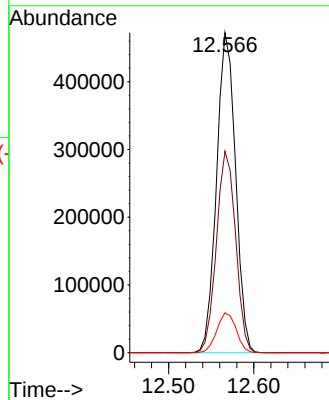
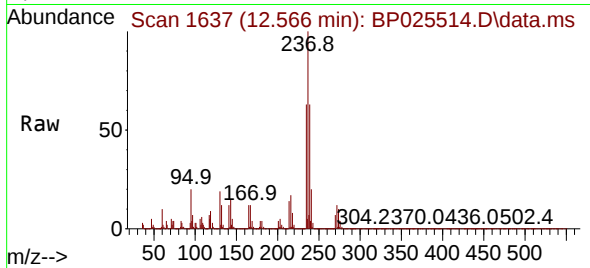
Tgt Ion:237 Resp: 732135

Ion Ratio Lower Upper

237 100

235 63.0 42.7 82.7

272 12.5 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 128.983 ng

RT: 15.913 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

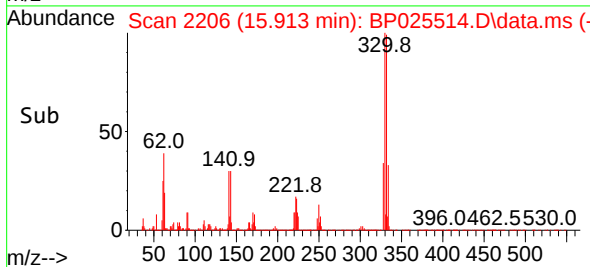
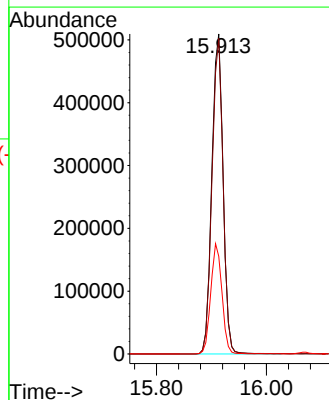
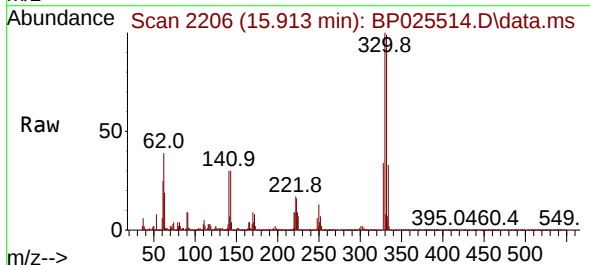
Tgt Ion:330 Resp: 722062

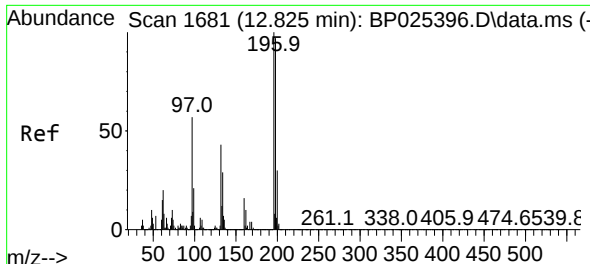
Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 34.3 26.6 39.8

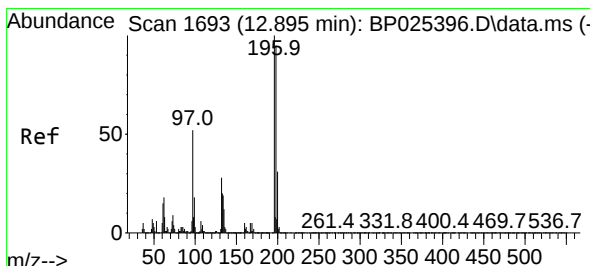
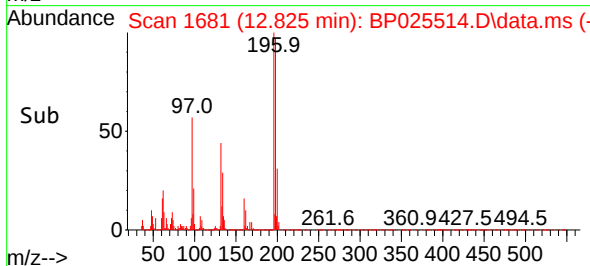
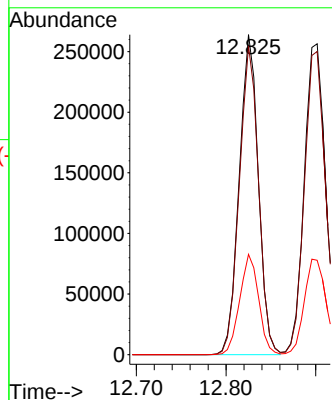
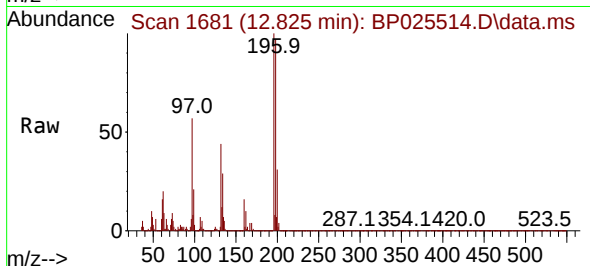




#43
2,4,6-Trichlorophenol
Concen: 48.200 ng
RT: 12.825 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

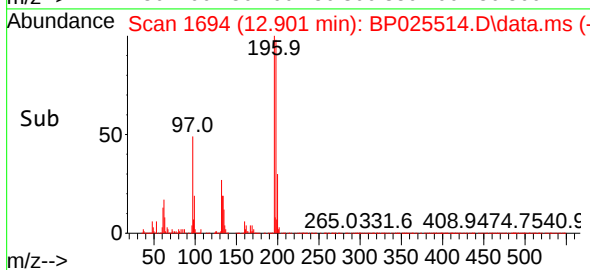
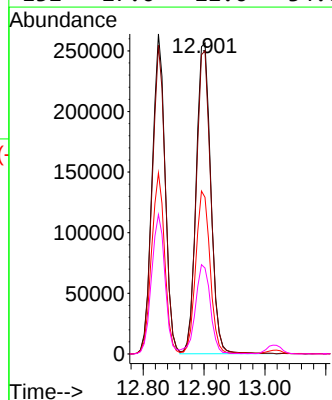
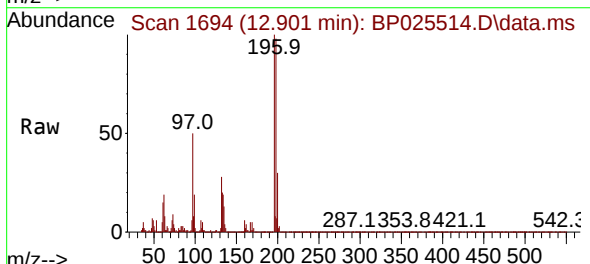
Instrument :
BNA_P
ClientSampleId :
PB169259BS

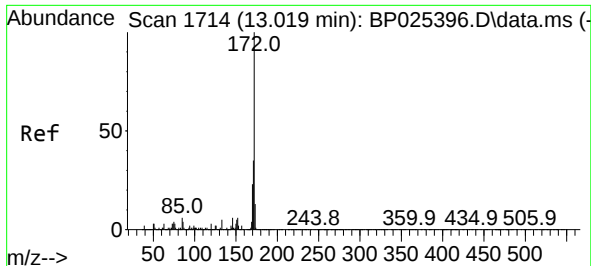
Tgt Ion:196 Resp: 390866
Ion Ratio Lower Upper
196 100
198 96.5 77.2 115.8
200 31.4 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 48.139 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:196 Resp: 427836
Ion Ratio Lower Upper
196 100
198 97.5 76.2 114.2
97 50.4 41.2 61.8
132 27.6 22.6 34.0

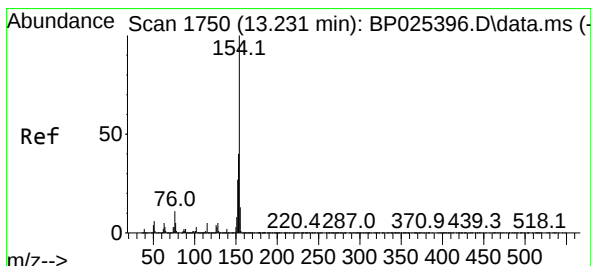
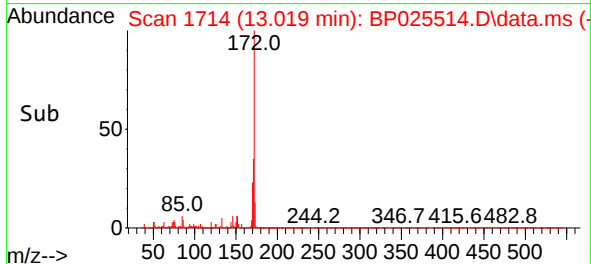
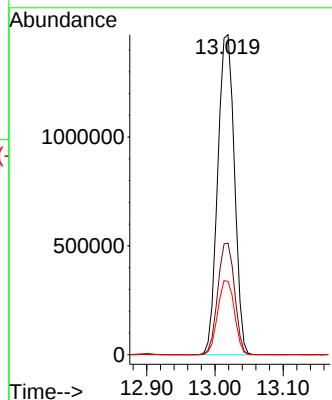
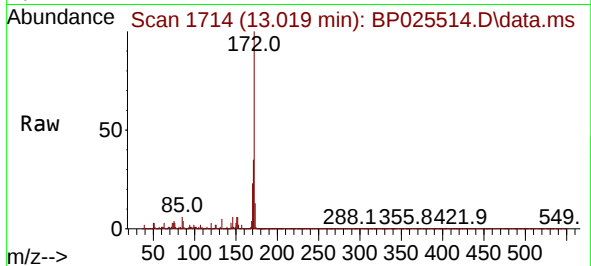




#45
2-Fluorobiphenyl
Concen: 82.338 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

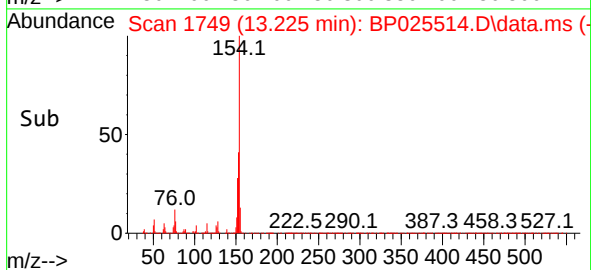
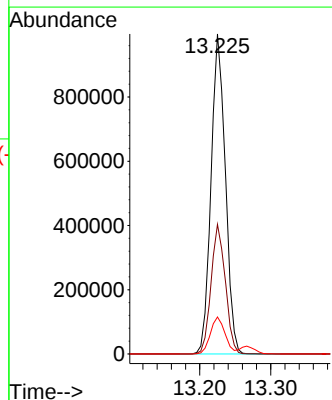
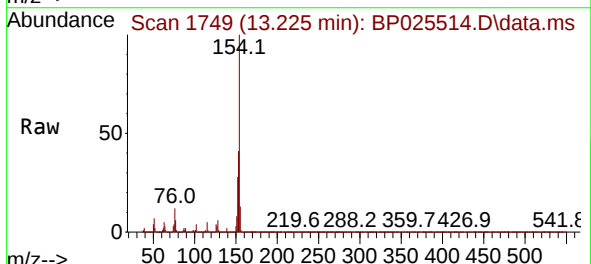
Instrument :
BNA_P
ClientSampleId :
PB169259BS

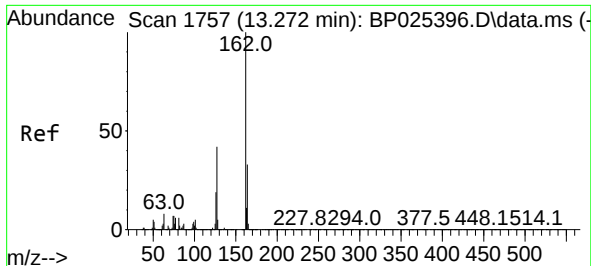
Tgt Ion:172 Resp: 2505695
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.9 18.6 28.0



#46
1,1'-Biphenyl
Concen: 46.108 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:154 Resp: 1392727
Ion Ratio Lower Upper
154 100
153 40.5 19.5 59.5
76 11.6 0.0 31.1

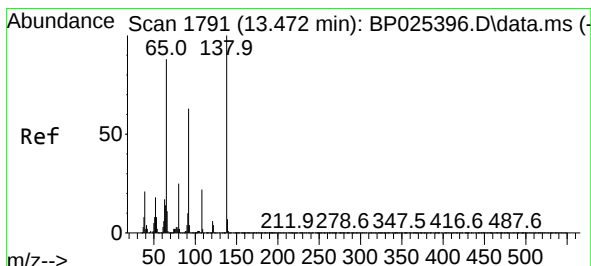
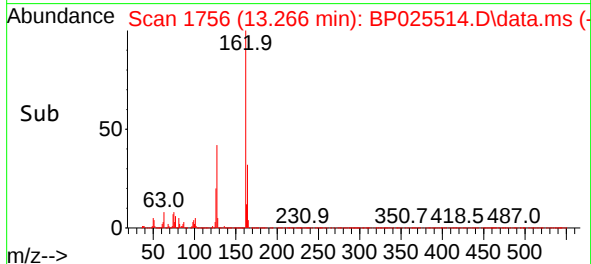
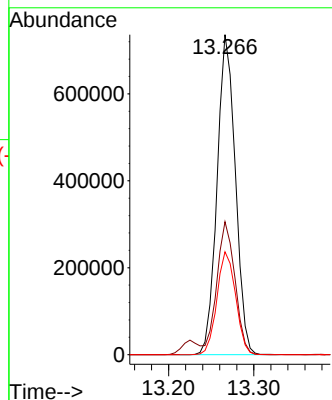
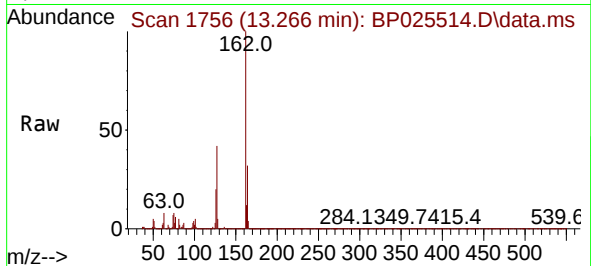




#47
2-Chloronaphthalene
Concen: 46.617 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

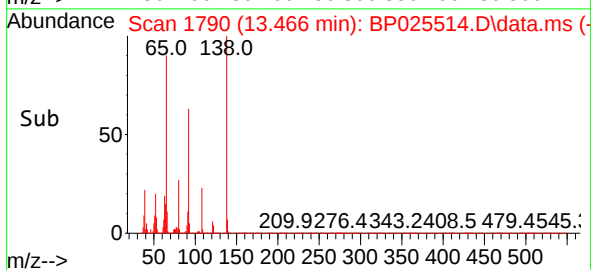
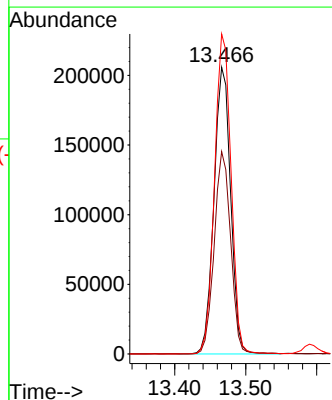
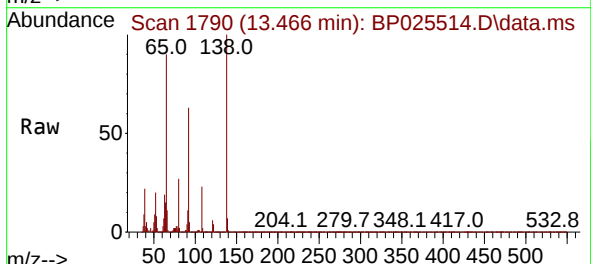
Instrument :
BNA_P
ClientSampleId :
PB169259BS

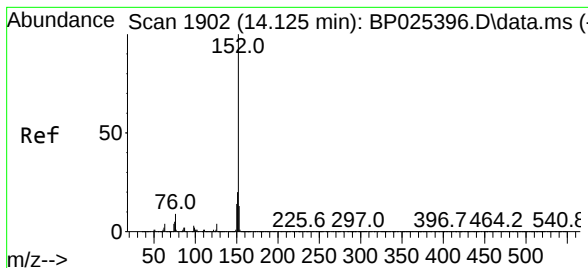
Tgt Ion:162 Resp: 1096171
Ion Ratio Lower Upper
162 100
127 41.5 33.4 50.2
164 32.2 26.2 39.2



#48
2-Nitroaniline
Concen: 48.857 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion: 65 Resp: 334749
Ion Ratio Lower Upper
65 100
92 70.6 57.6 86.4
138 111.6 91.0 136.6





#49

Acenaphthylene

Concen: 45.546 ng

RT: 14.125 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

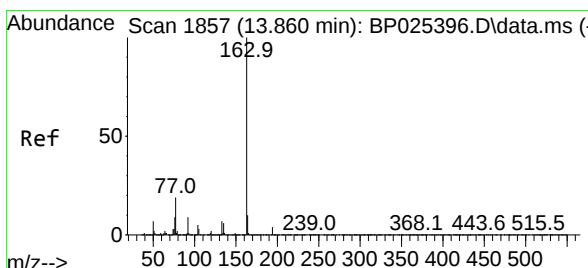
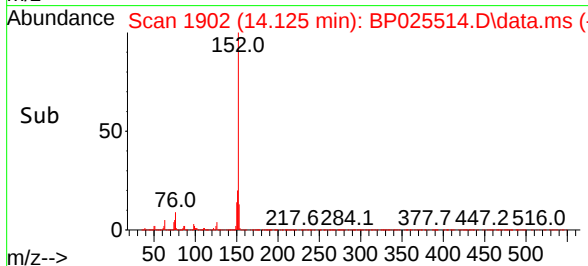
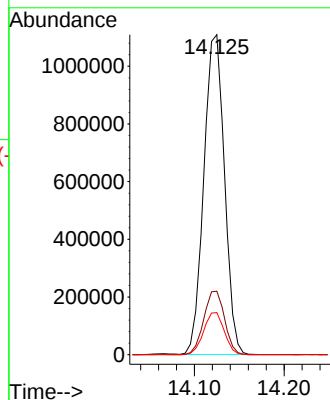
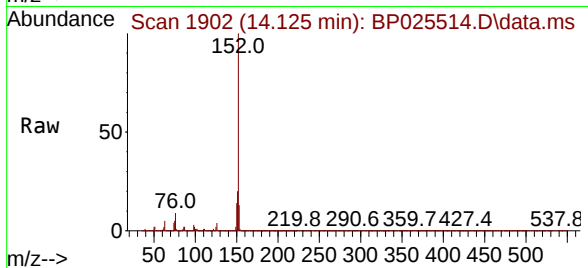
Tgt Ion:152 Resp: 1772199

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 44.419 ng

RT: 13.854 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

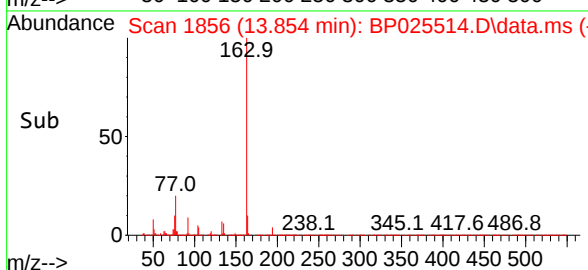
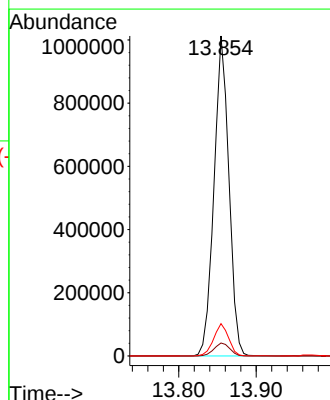
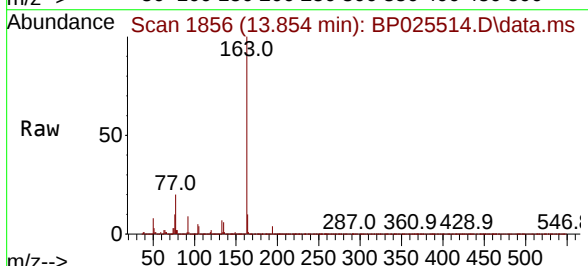
Tgt Ion:163 Resp: 1352833

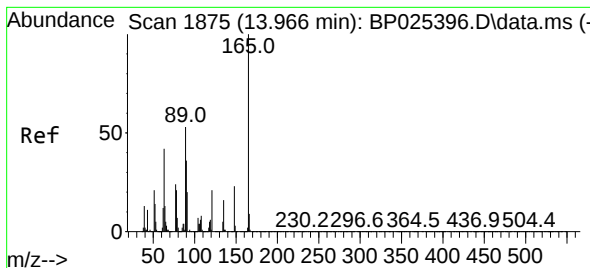
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 7.9 11.9

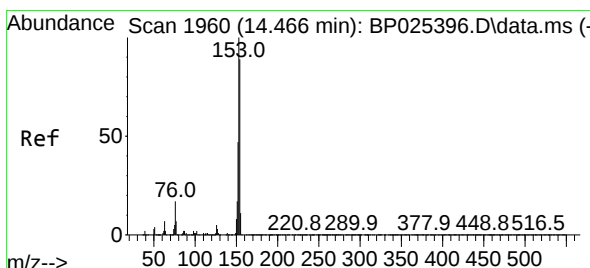
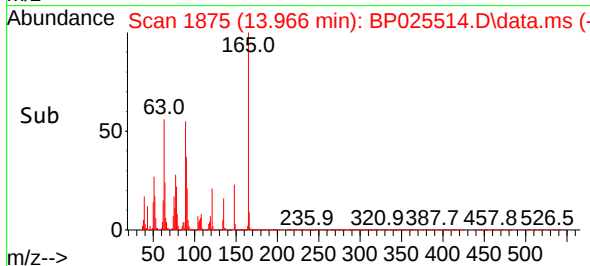
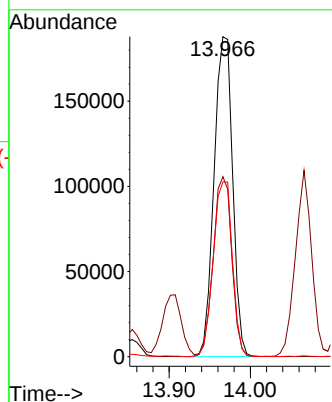
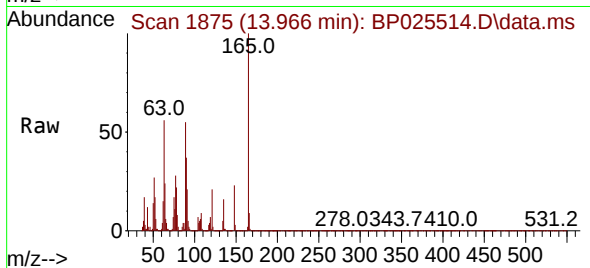




#51
2,6-Dinitrotoluene
Concen: 46.527 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

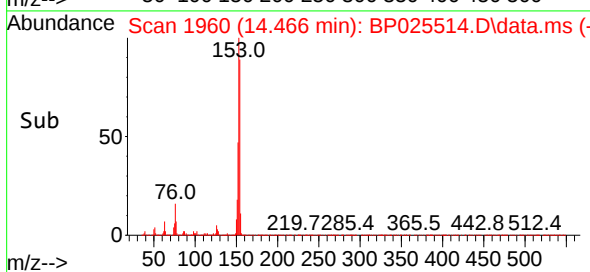
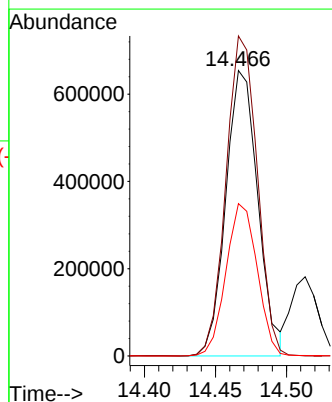
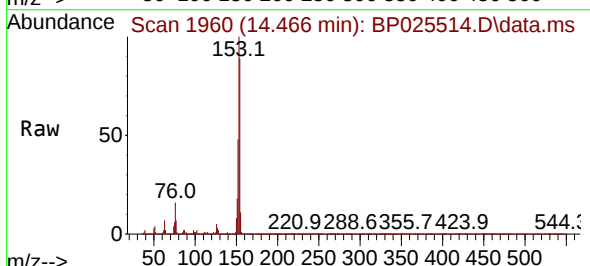
Instrument :
BNA_P
ClientSampleId :
PB169259BS

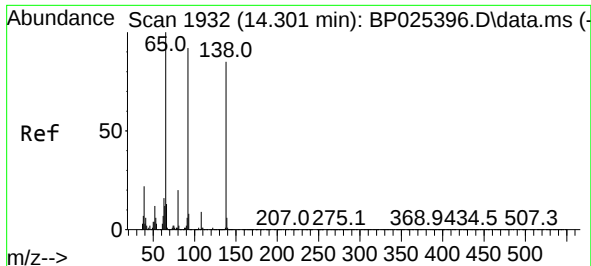
Tgt Ion:165 Resp: 298673
Ion Ratio Lower Upper
165 100
63 56.3 40.9 61.3
89 54.6 42.1 63.1



#52
Acenaphthene
Concen: 44.971 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:154 Resp: 1027103
Ion Ratio Lower Upper
154 100
153 112.1 90.2 135.2
152 53.4 42.1 63.1

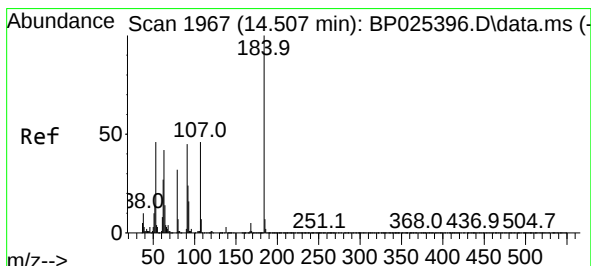
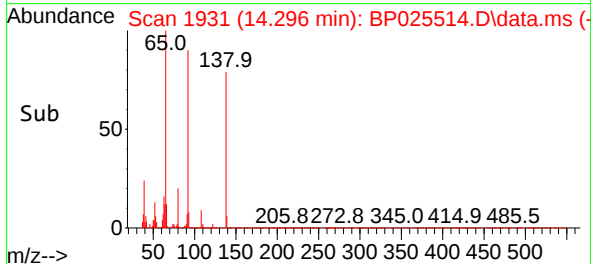
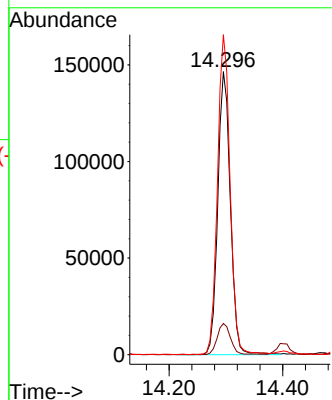
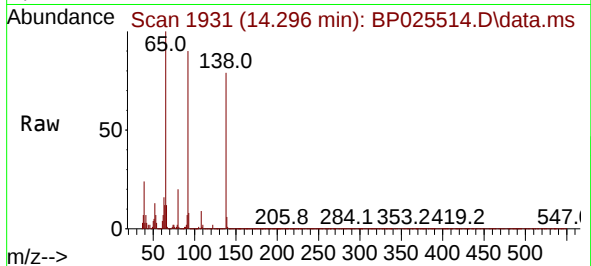




#53
3-Nitroaniline
Concen: 31.117 ng
RT: 14.296 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

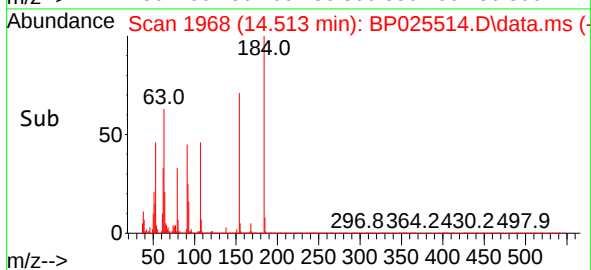
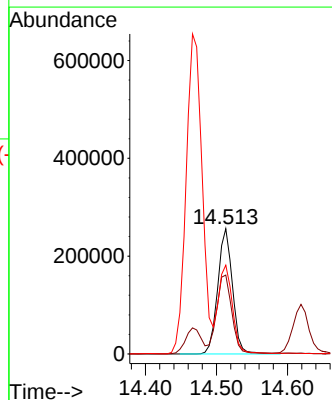
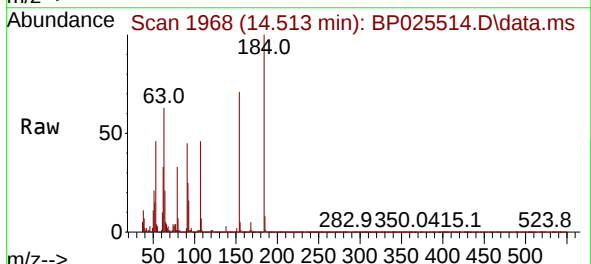
Instrument :
BNA_P
ClientSampleId :
PB169259BS

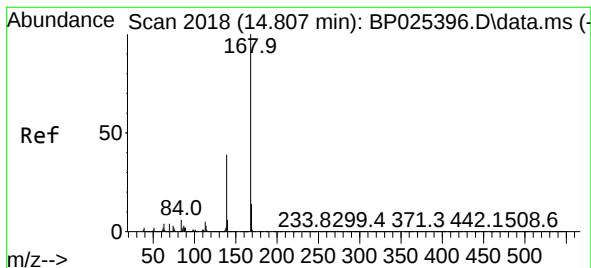
Tgt Ion:138 Resp: 224739
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 113.1 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 107.824 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:184 Resp: 369632
Ion Ratio Lower Upper
184 100
63 63.0 49.4 74.2
154 70.9 54.6 82.0





#55

Dibenzofuran

Concen: 44.395 ng

RT: 14.807 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

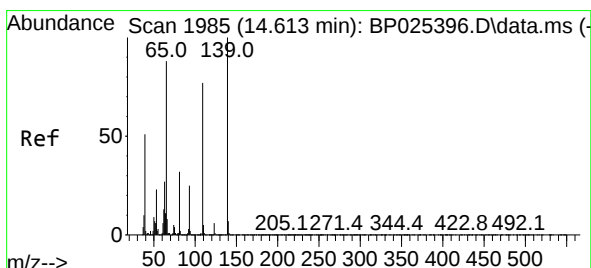
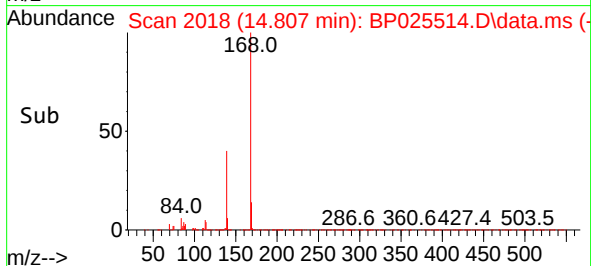
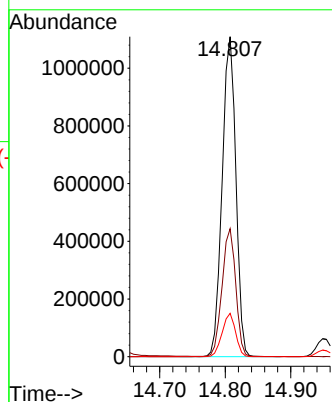
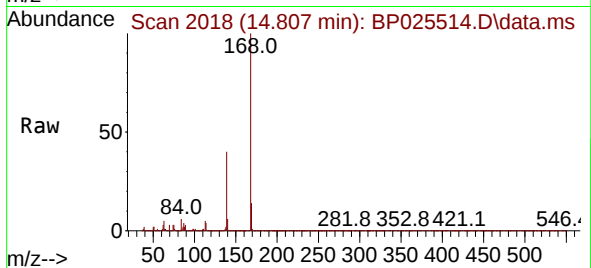
Tgt Ion:168 Resp: 1603072

Ion Ratio Lower Upper

168 100

139 40.0 31.5 47.3

169 13.5 10.9 16.3



#56

4-Nitrophenol

Concen: 93.972 ng

RT: 14.619 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

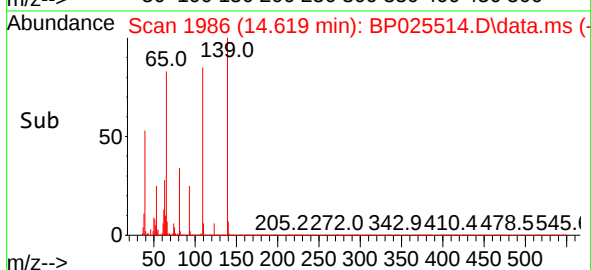
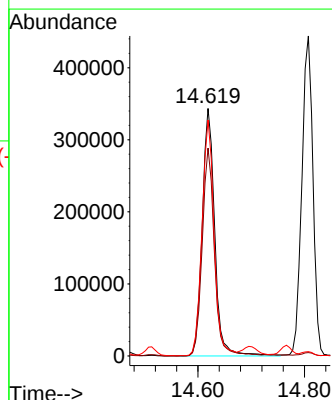
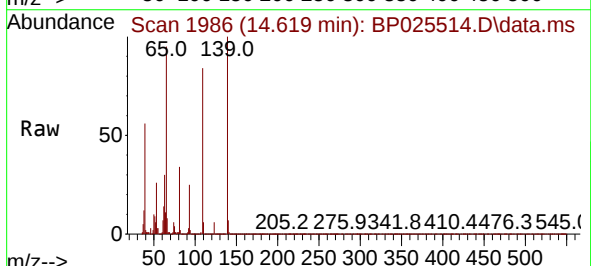
Tgt Ion:139 Resp: 557711

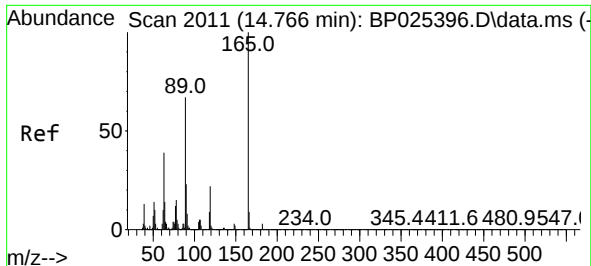
Ion Ratio Lower Upper

139 100

109 84.0 56.6 96.6

65 95.3 68.2 108.2

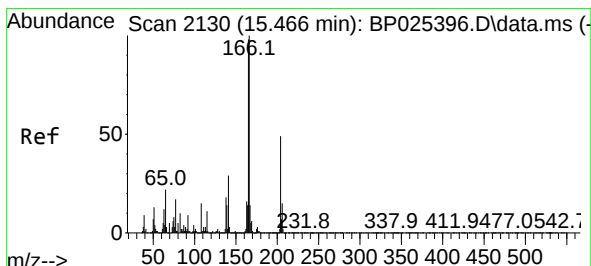
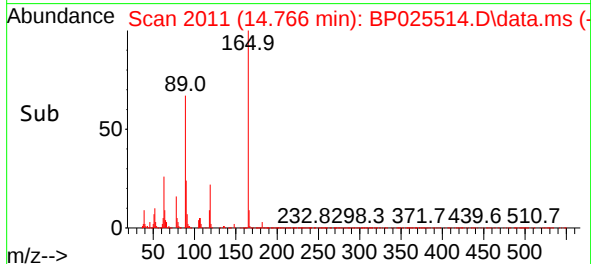
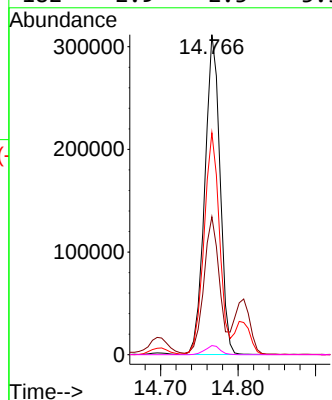
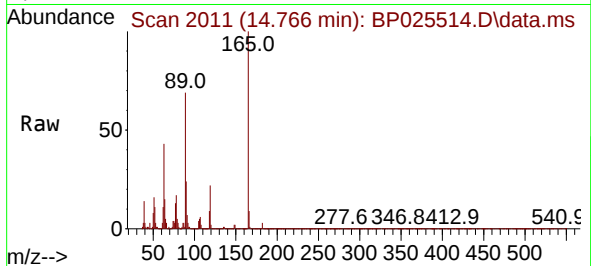




#57
2,4-Dinitrotoluene
Concen: 46.358 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

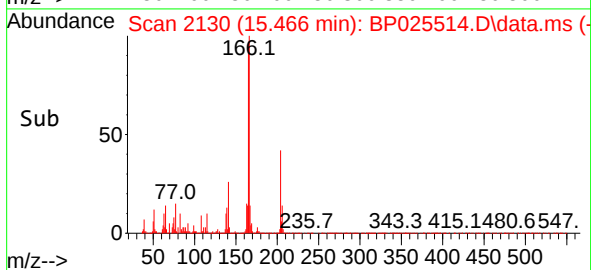
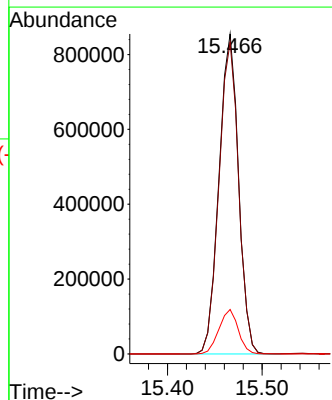
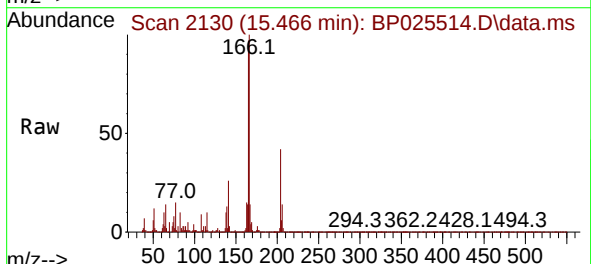
Instrument :
BNA_P
ClientSampleId :
PB169259BS

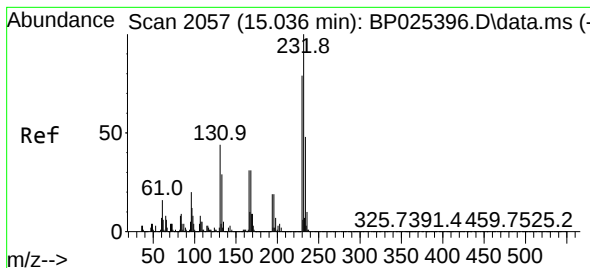
Tgt Ion:165 Resp: 424586
Ion Ratio Lower Upper
165 100
63 43.1 31.4 47.2
89 69.4 53.3 79.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 42.940 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:166 Resp: 1223490
Ion Ratio Lower Upper
166 100
165 97.5 78.8 118.2
167 13.9 11.0 16.4

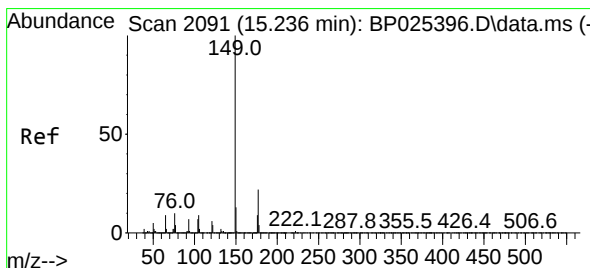
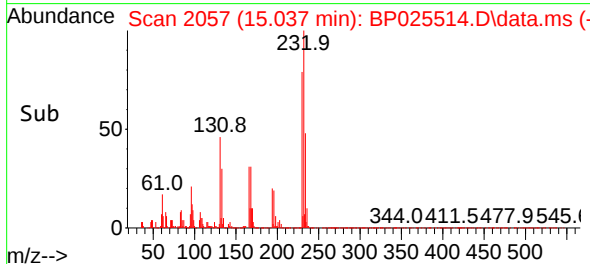
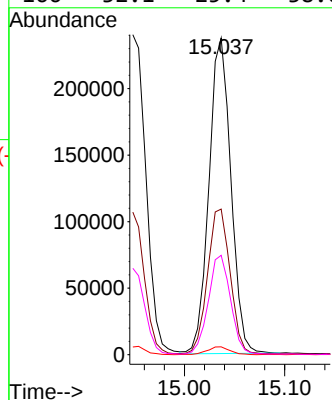
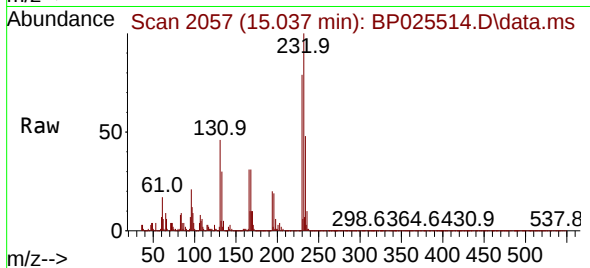




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.089 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

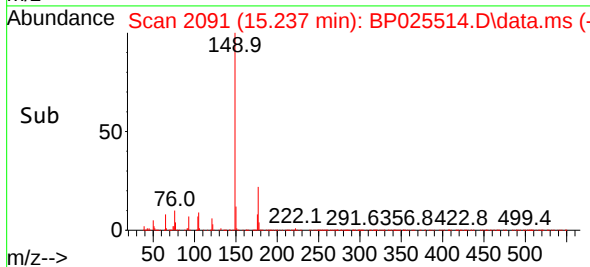
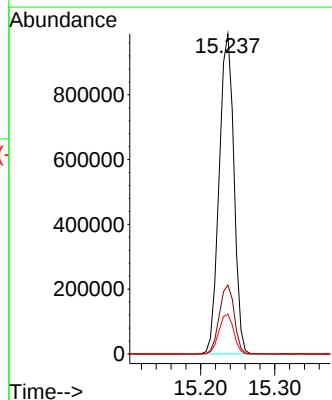
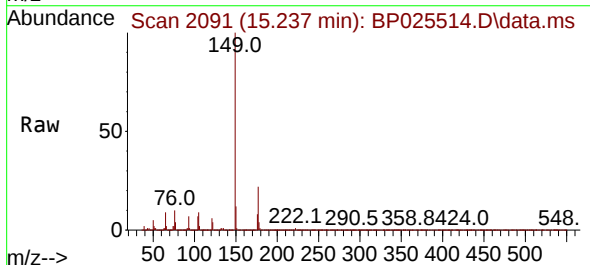
Instrument :
BNA_P
ClientSampleId :
PB169259BS

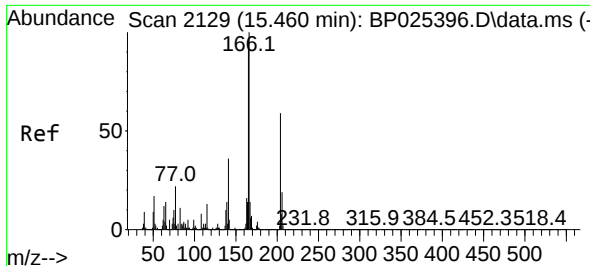
Tgt Ion:	232	Resp:	361689
Ion	Ratio	Lower	Upper
232	100		
131	48.1	37.0	55.6
130	2.6	1.9	2.9
166	32.1	25.4	38.0



#60
Diethylphthalate
Concen: 44.045 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:	149	Resp:	1363057
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.4	10.3	15.5

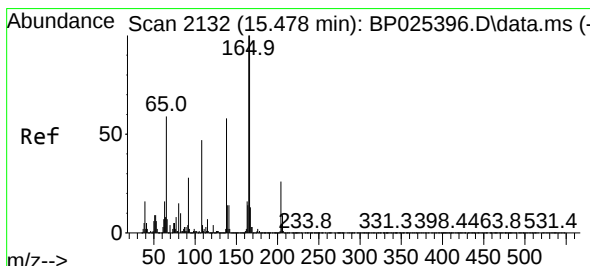
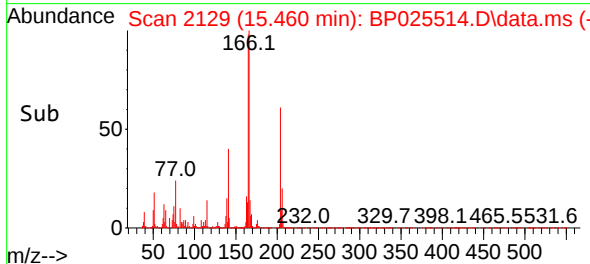
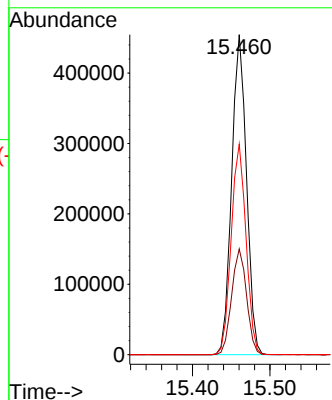
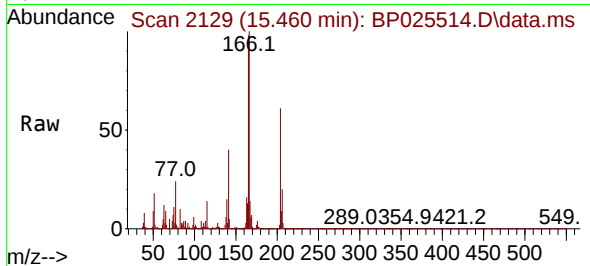




#61
4-Chlorophenyl-phenylether
Concen: 42.627 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

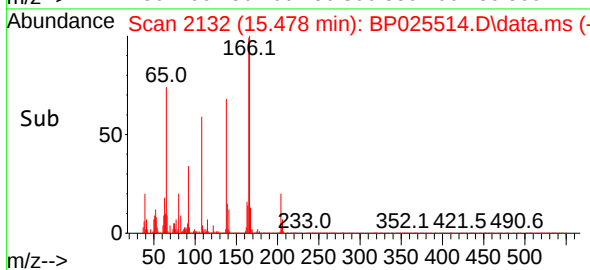
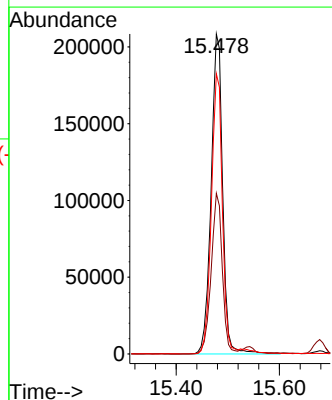
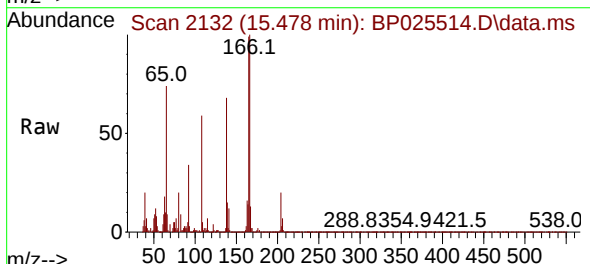
Instrument :
BNA_P
ClientSampleId :
PB169259BS

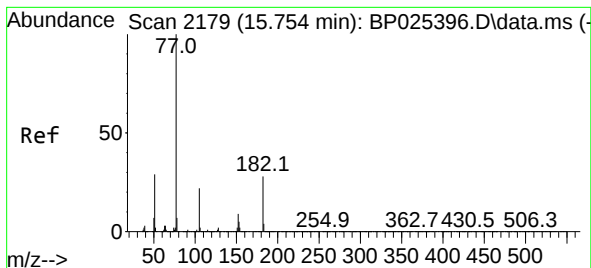
Tgt Ion:204 Resp: 604052
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.8
141 65.8 49.4 74.2



#62
4-Nitroaniline
Concen: 43.682 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:138 Resp: 323428
Ion Ratio Lower Upper
138 100
92 50.2 29.1 69.1
108 87.6 61.5 101.5





#63

Azobenzene

Concen: 46.057 ng

RT: 15.760 min Scan# 2179

Delta R.T. 0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

Tgt Ion: 77 Resp: 1220451

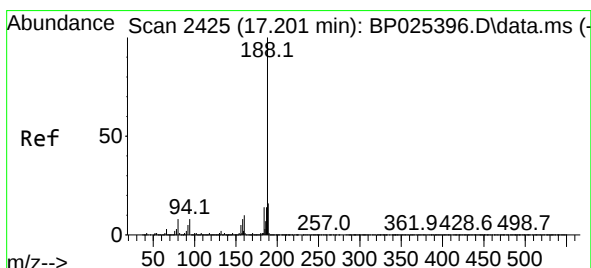
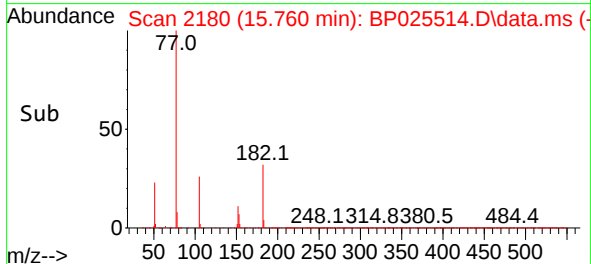
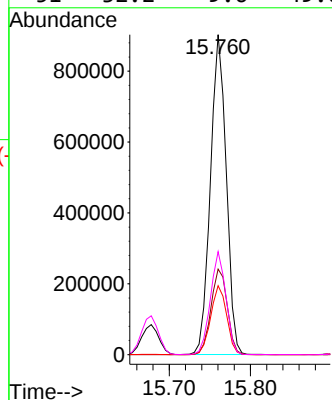
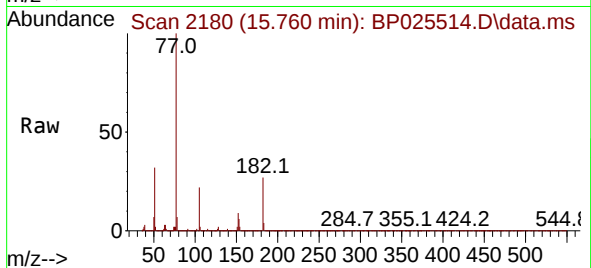
Ion Ratio Lower Upper

77 100

182 26.8 7.5 47.5

105 21.5 2.1 42.1

51 32.2 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: BP025514.D

Acq: 20 Aug 2025 19:49

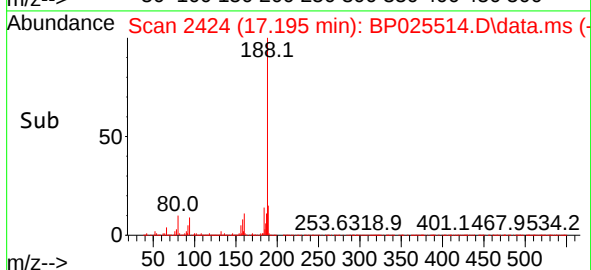
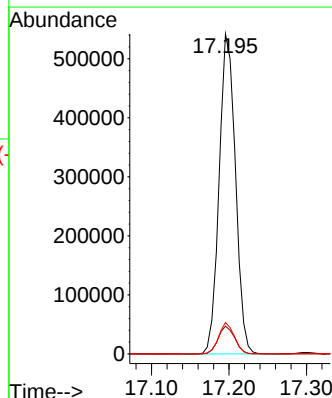
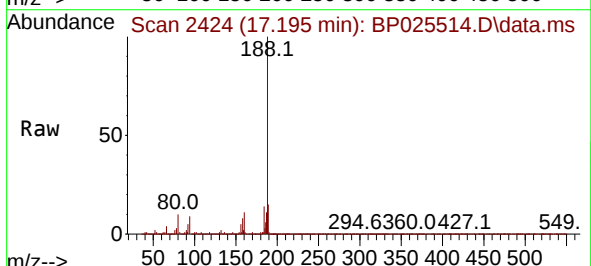
Tgt Ion:188 Resp: 793030

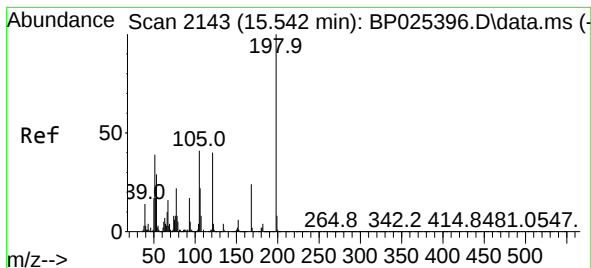
Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.9 6.7 10.1

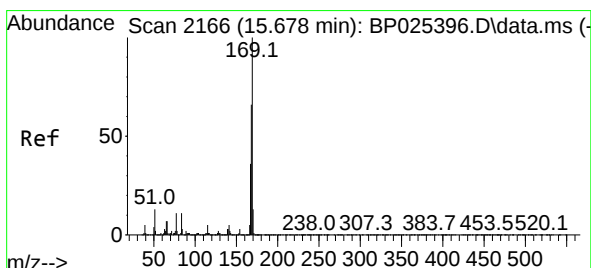
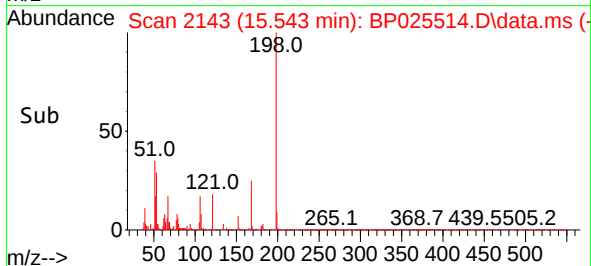
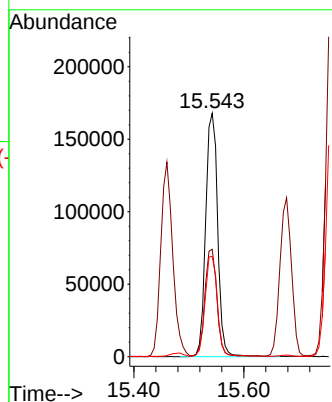
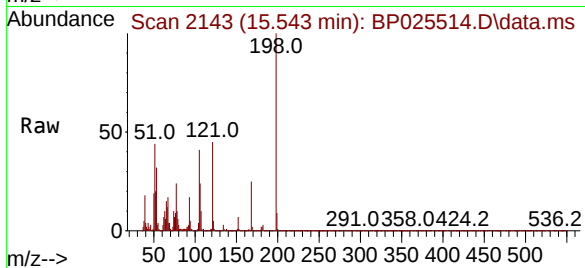




#65
4,6-Dinitro-2-methylphenol
Concen: 51.197 ng
RT: 15.543 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

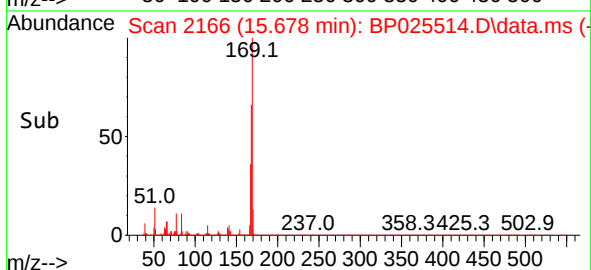
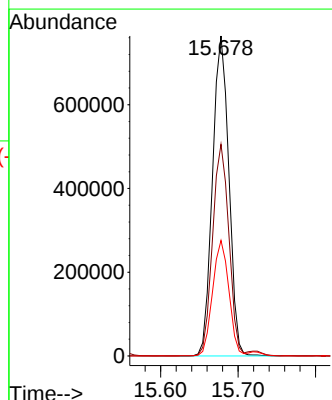
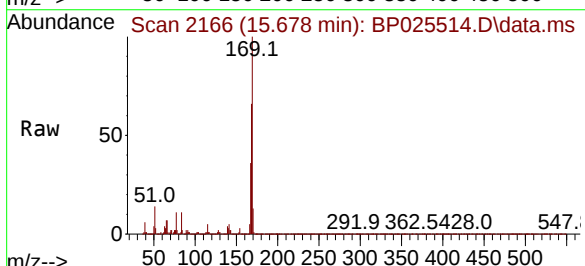
Instrument :
BNA_P
ClientSampleId :
PB169259BS

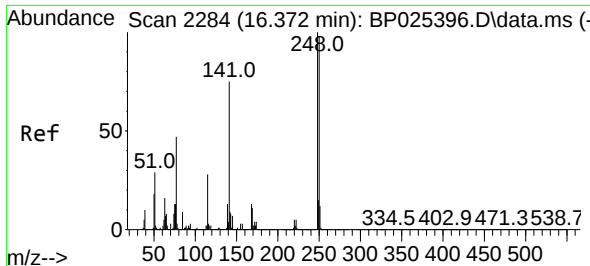
Tgt Ion:198 Resp: 253084
Ion Ratio Lower Upper
198 100
51 44.1 19.6 59.6
105 41.2 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 46.344 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:169 Resp: 1120737
Ion Ratio Lower Upper
169 100
168 66.2 53.2 79.8
167 36.1 28.7 43.1

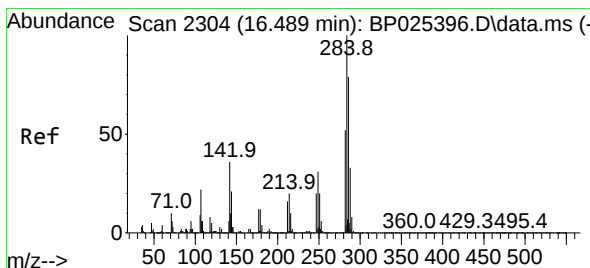
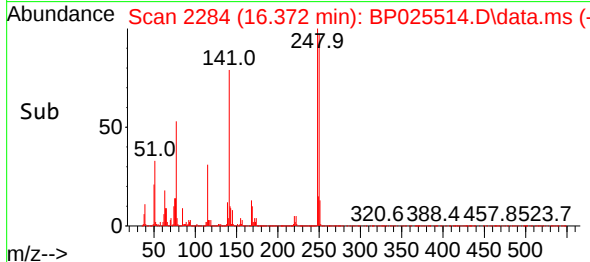
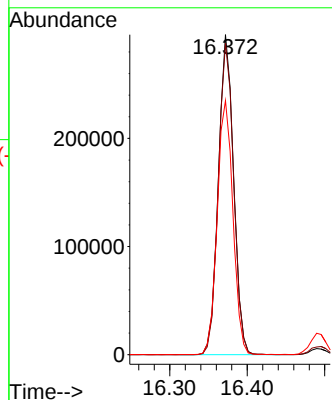
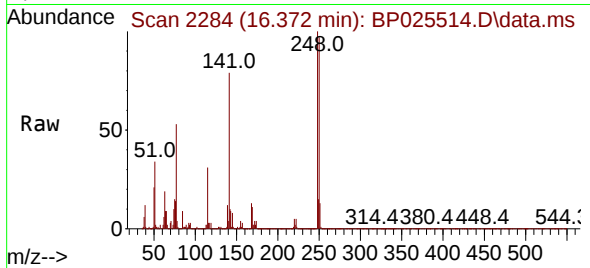




#67
4-Bromophenyl-phenylether
Concen: 46.344 ng
RT: 16.372 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

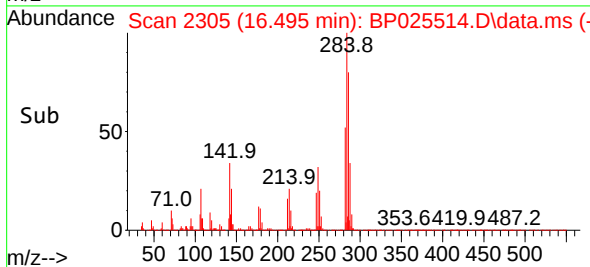
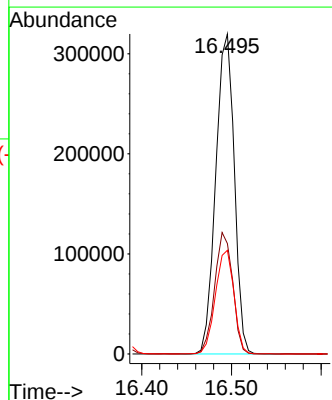
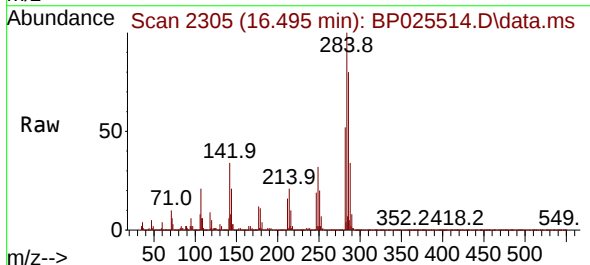
Instrument :
BNA_P
ClientSampleId :
PB169259BS

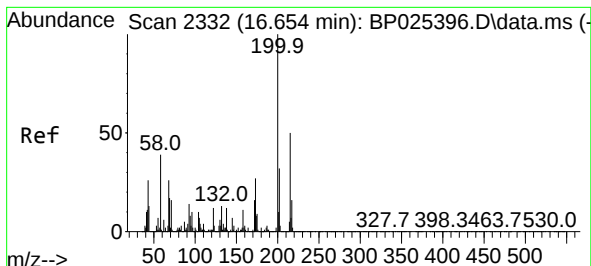
Tgt Ion:248 Resp: 404207
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.2
141 79.4 59.6 89.4



#68
Hexachlorobenzene
Concen: 45.296 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:284 Resp: 457964
Ion Ratio Lower Upper
284 100
142 34.5 29.1 43.7
249 32.4 25.0 37.4





#69

Atrazine

Concen: 47.471 ng

RT: 16.654 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

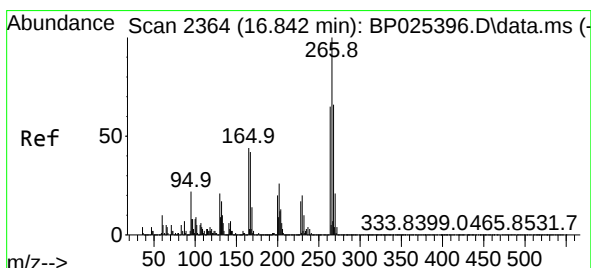
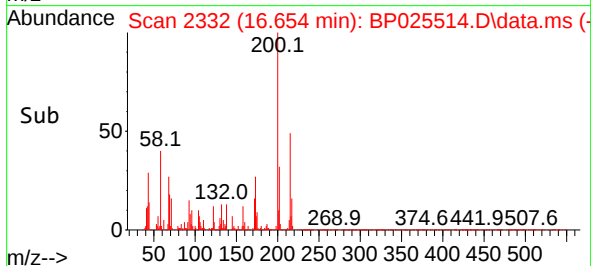
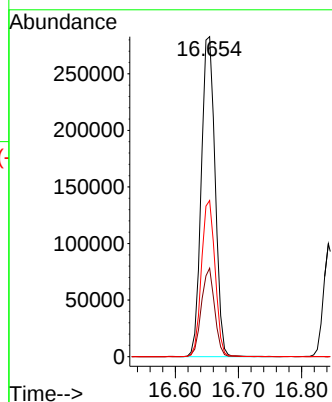
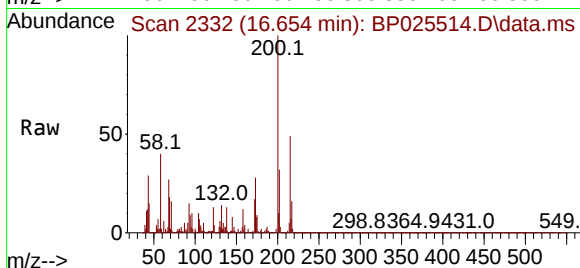
Tgt Ion:200 Resp: 429920

Ion Ratio Lower Upper

200 100

173 27.7 6.7 46.7

215 48.8 29.7 69.7



#70

Pentachlorophenol

Concen: 98.793 ng

RT: 16.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

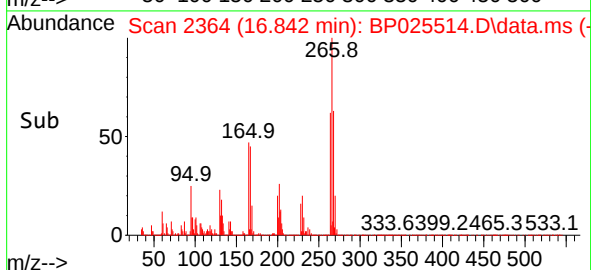
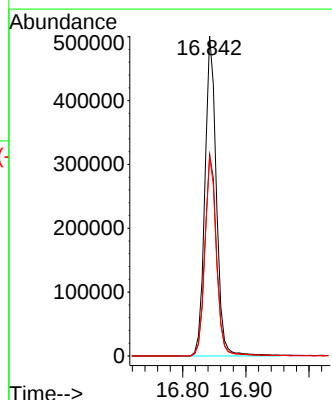
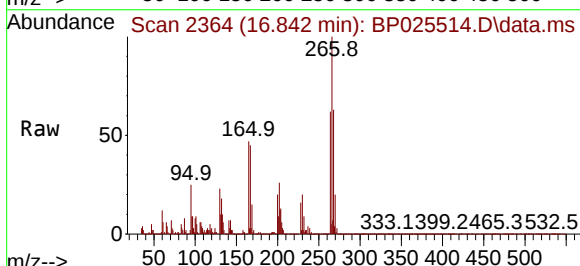
Tgt Ion:266 Resp: 630521

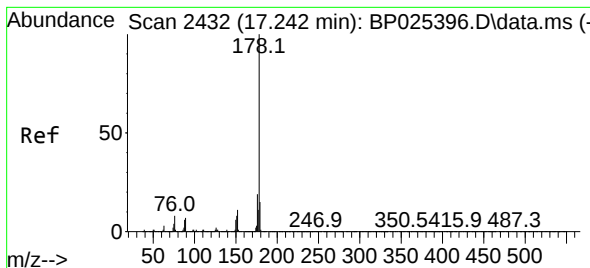
Ion Ratio Lower Upper

266 100

268 63.0 52.6 79.0

264 62.4 52.0 78.0





#71

Phenanthrene

Concen: 45.716 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

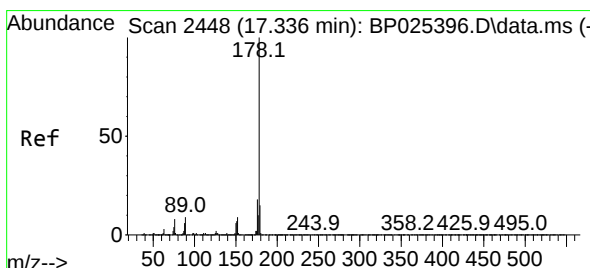
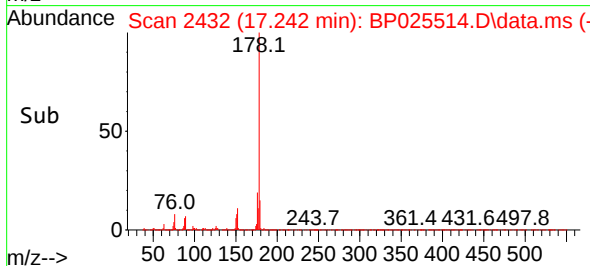
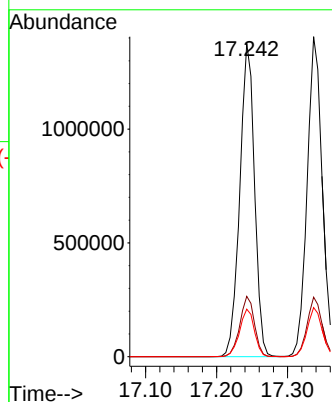
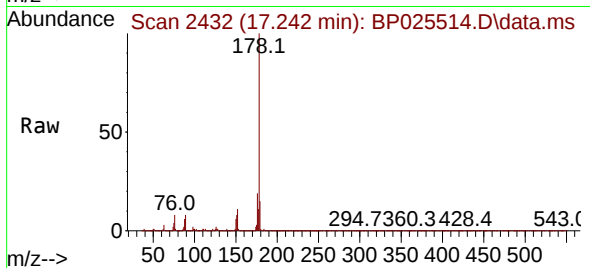
Tgt Ion:178 Resp: 1991575

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.2 12.2 18.4



#72

Anthracene

Concen: 46.424 ng

RT: 17.337 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

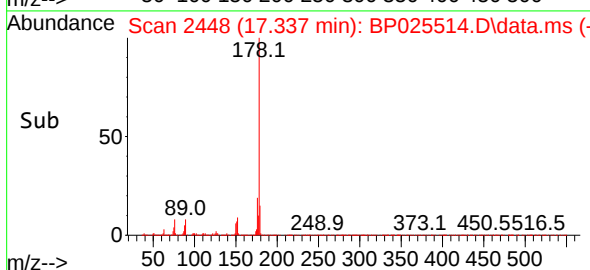
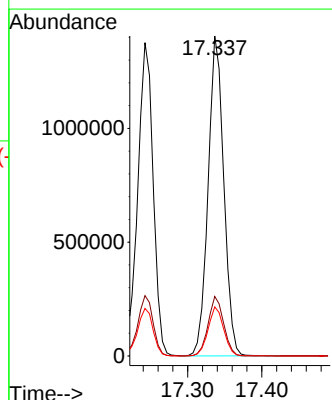
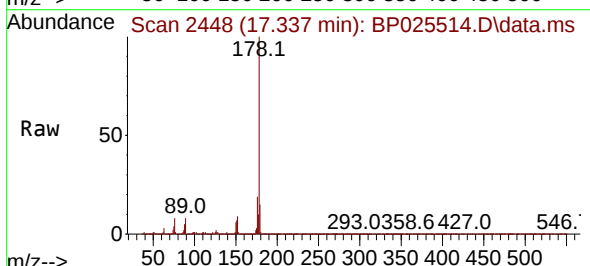
Tgt Ion:178 Resp: 2065289

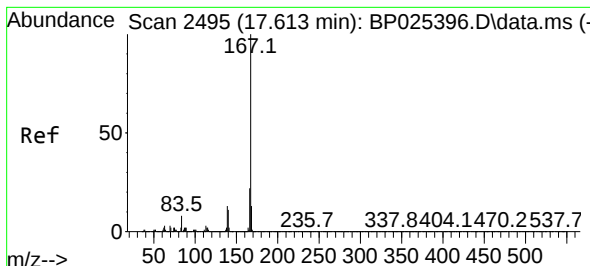
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.3 12.2 18.2





#73

Carbazole

Concen: 46.730 ng

RT: 17.613 min Scan# 2495

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

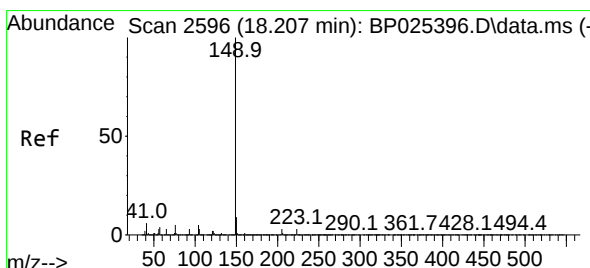
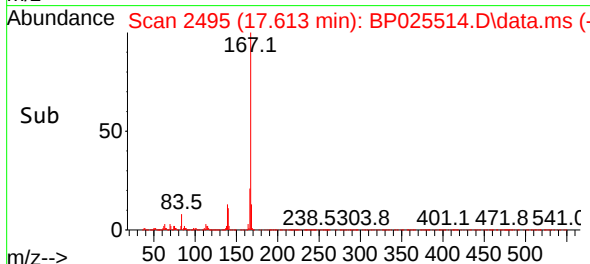
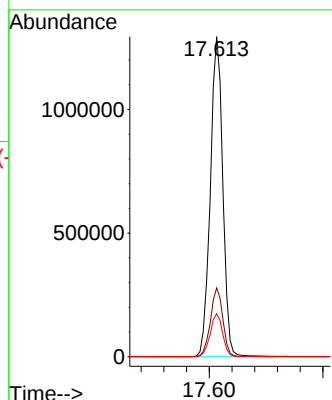
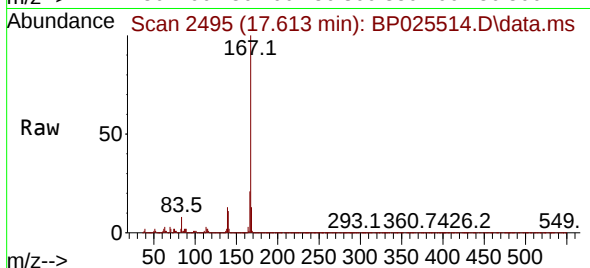
Tgt Ion:167 Resp: 1958150

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 46.724 ng

RT: 18.207 min Scan# 2596

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

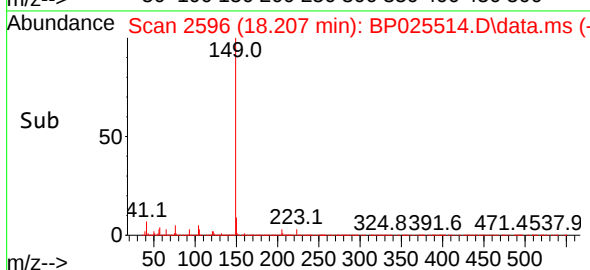
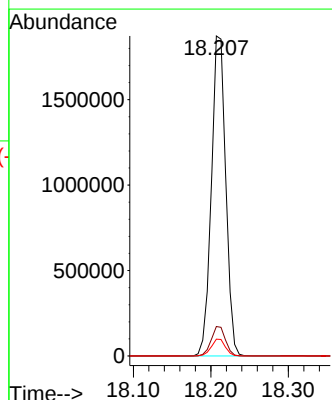
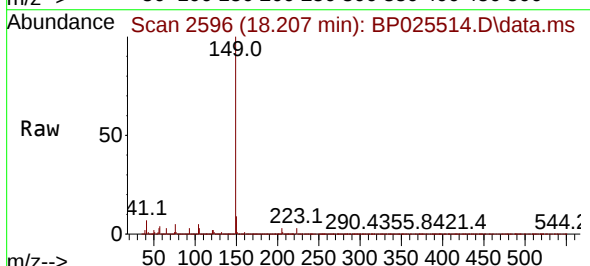
Tgt Ion:149 Resp: 2408862

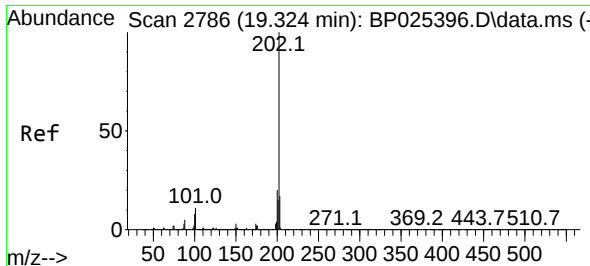
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.3 4.2 6.2

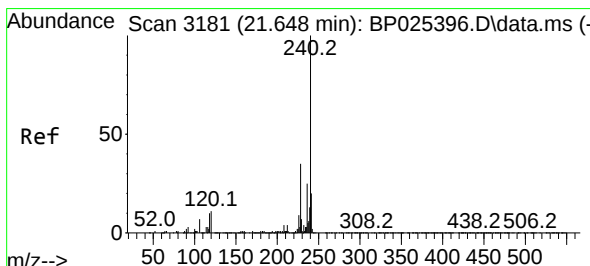
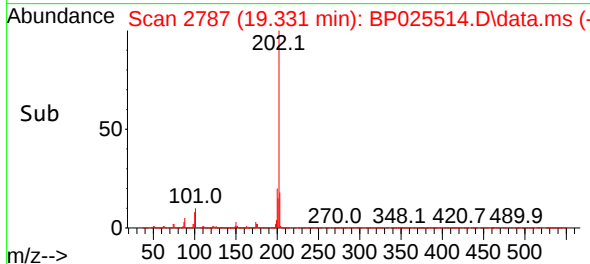
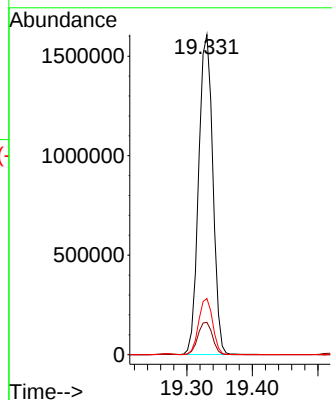
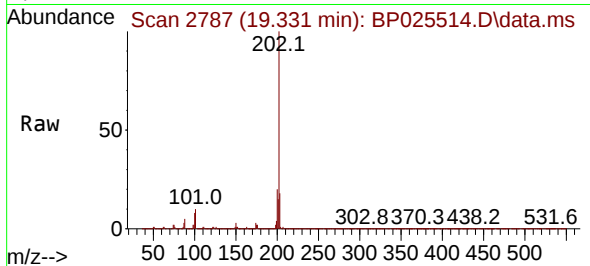




#75
Fluoranthene
Concen: 46.609 ng
RT: 19.331 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

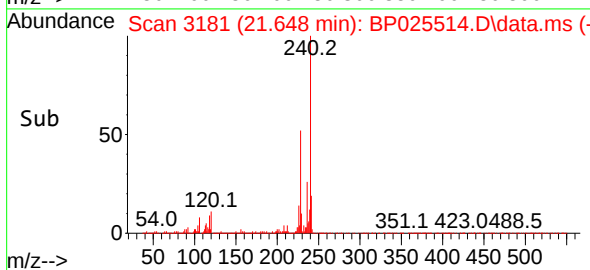
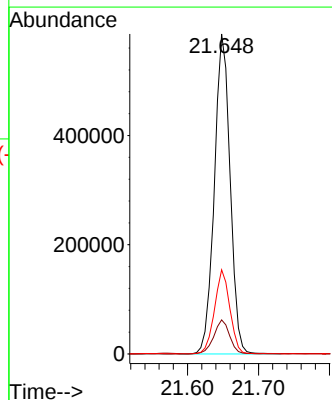
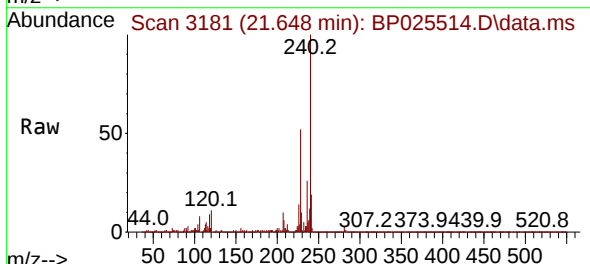
Instrument :
BNA_P
ClientSampleId :
PB169259BS

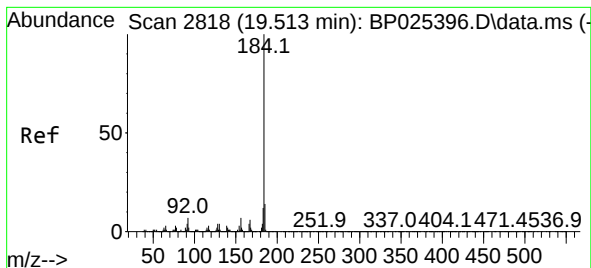
Tgt Ion:202 Resp: 2421989
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.1
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:240 Resp: 903156
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.3 19.8 29.8





#77

Benzidine

Concen: 43.817 ng

RT: 19.519 min Scan# 2819

Delta R.T. 0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

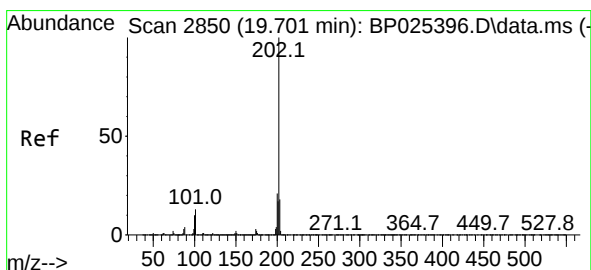
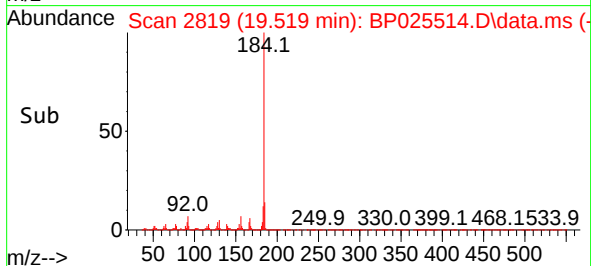
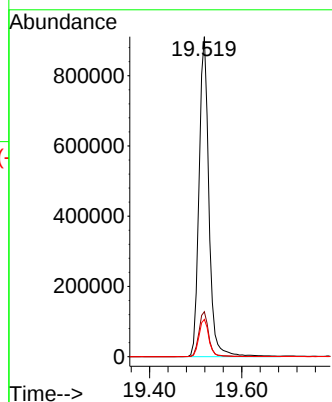
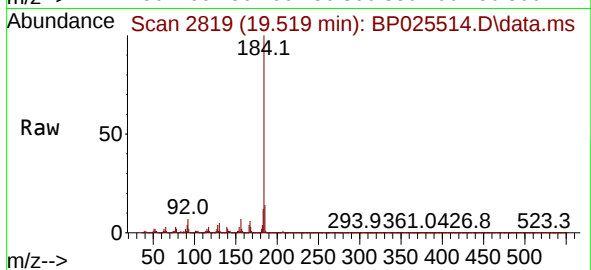
Tgt Ion:184 Resp: 1350558

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 11.6 9.4 14.2



#78

Pyrene

Concen: 43.232 ng

RT: 19.701 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

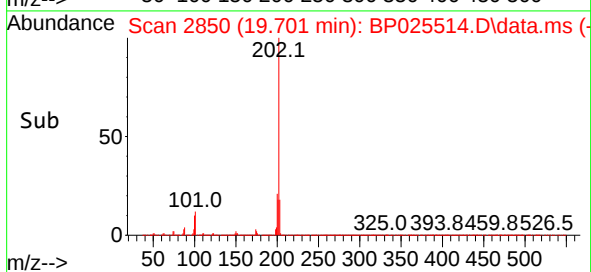
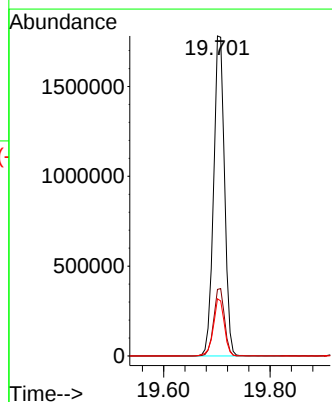
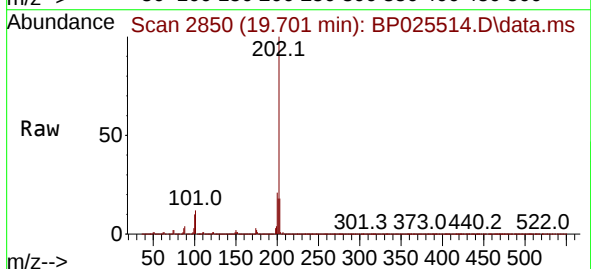
Tgt Ion:202 Resp: 2537821

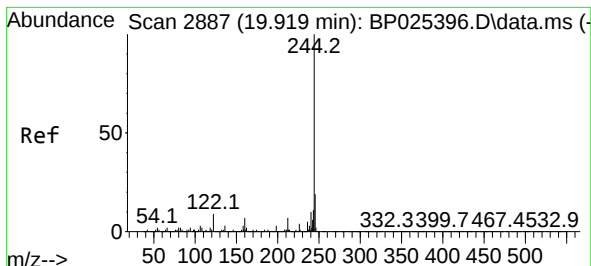
Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 76.915 ng

RT: 19.925 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

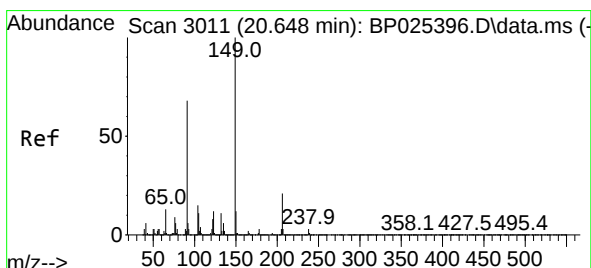
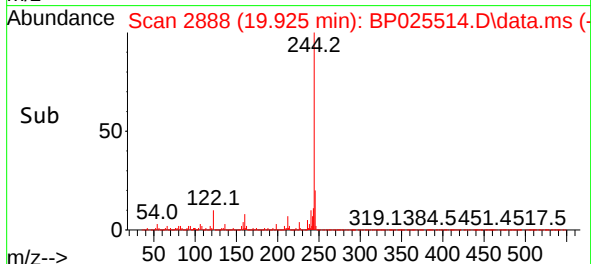
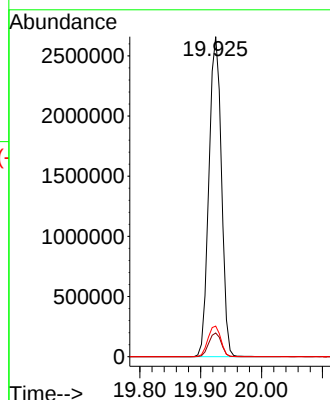
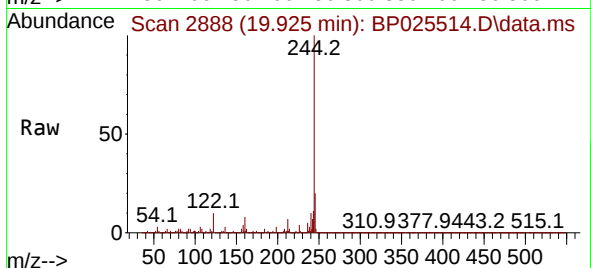
Tgt Ion:244 Resp: 3796862

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.5 7.4 11.2



#80

Butylbenzylphthalate

Concen: 47.921 ng

RT: 20.660 min Scan# 3013

Delta R.T. 0.012 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

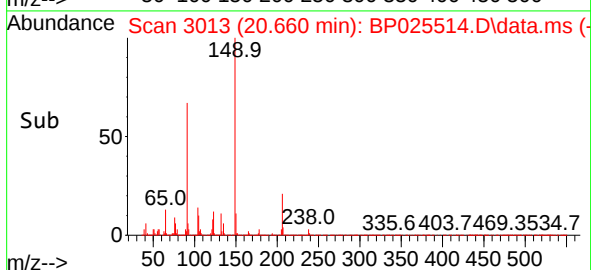
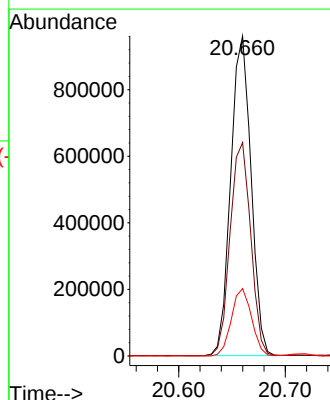
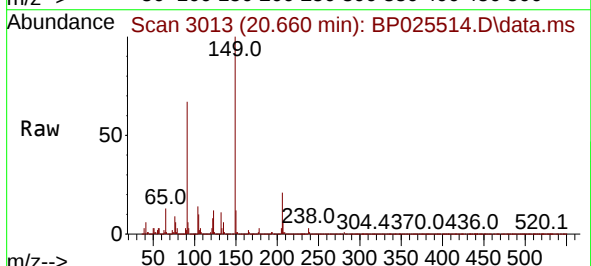
Tgt Ion:149 Resp: 1274909

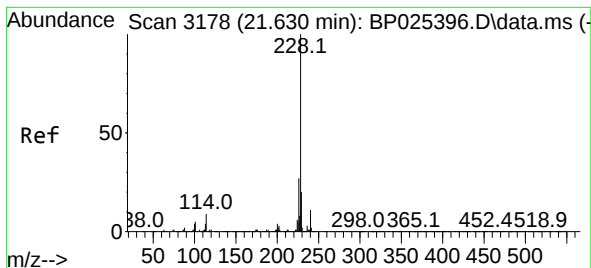
Ion Ratio Lower Upper

149 100

91 66.7 54.2 81.2

206 21.0 16.6 24.8





#81

Benzo(a)anthracene

Concen: 46.868 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

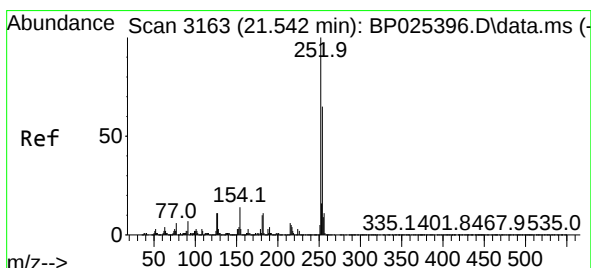
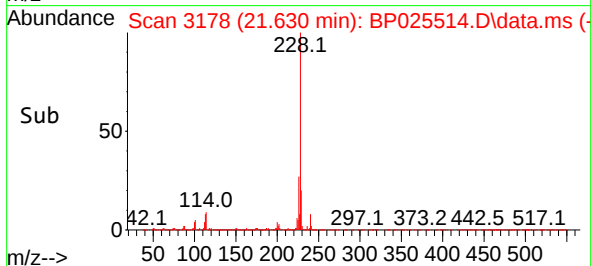
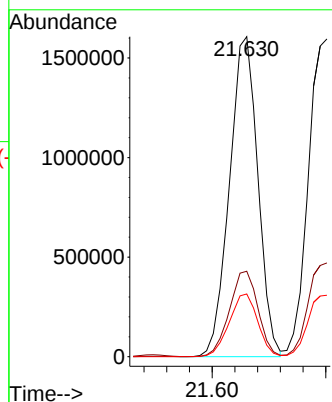
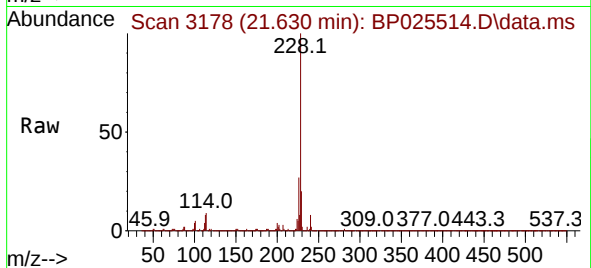
Tgt Ion:228 Resp: 2791590

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 35.496 ng

RT: 21.548 min Scan# 3164

Delta R.T. 0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

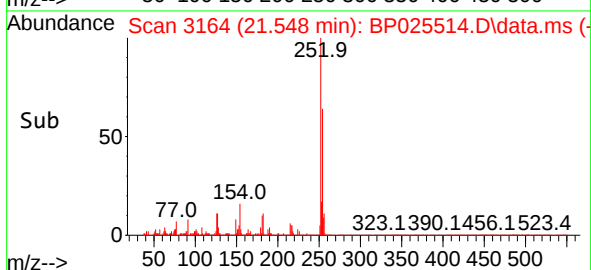
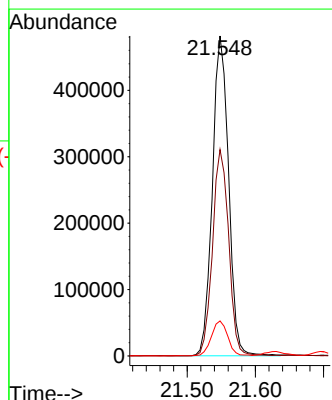
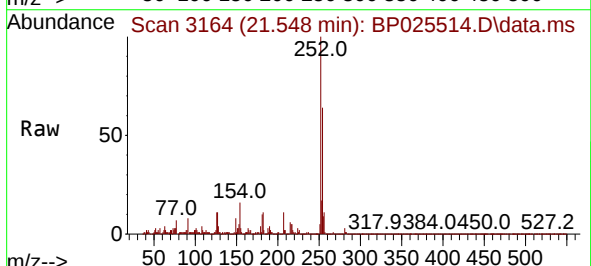
Tgt Ion:252 Resp: 796924

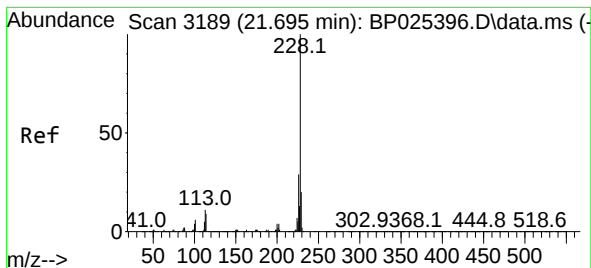
Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.6

126 10.9 9.1 13.7





#83

Chrysene

Concen: 47.011 ng

RT: 21.701 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

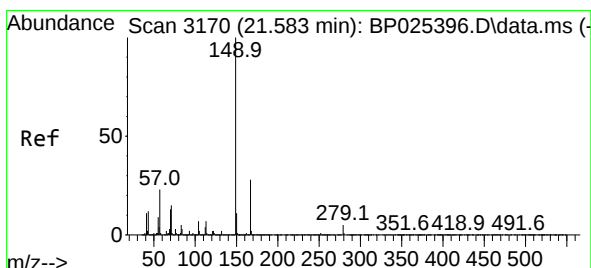
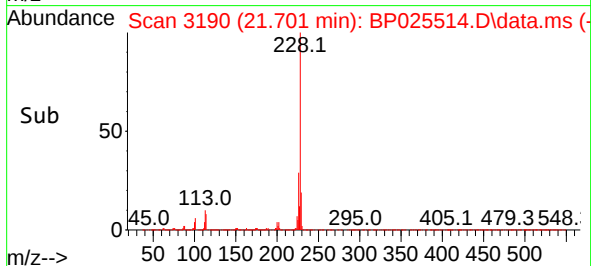
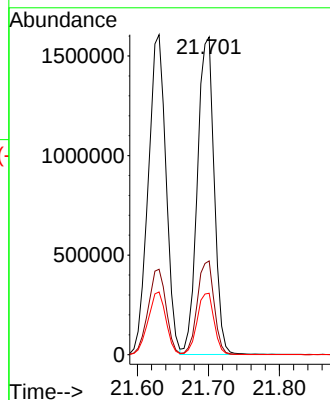
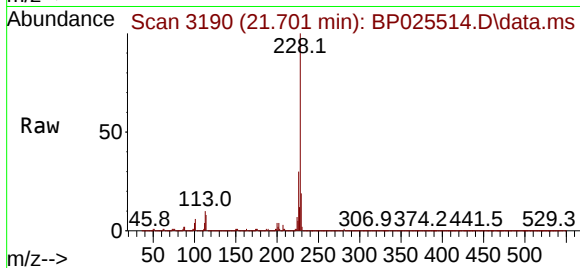
Tgt Ion:228 Resp: 2622312

Ion Ratio Lower Upper

228 100

226 29.5 23.2 34.8

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.751 ng

RT: 21.572 min Scan# 3168

Delta R.T. -0.012 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

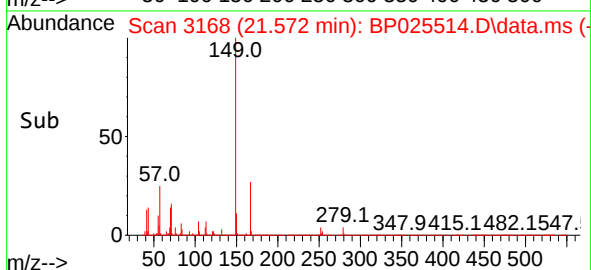
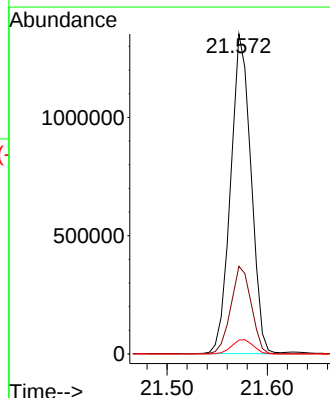
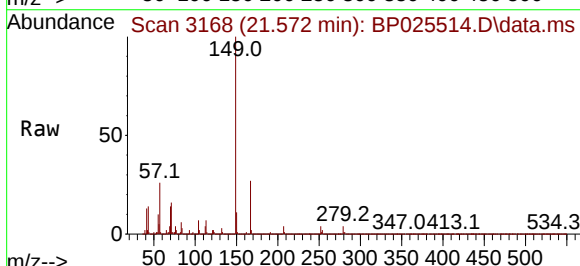
Tgt Ion:149 Resp: 1909245

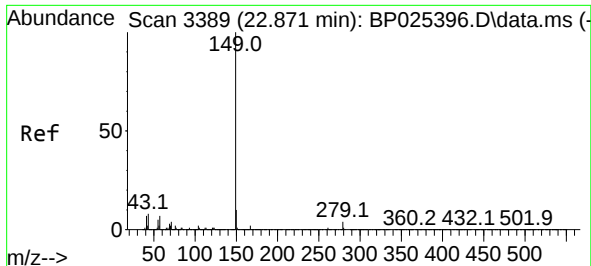
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 4.4 3.8 5.6

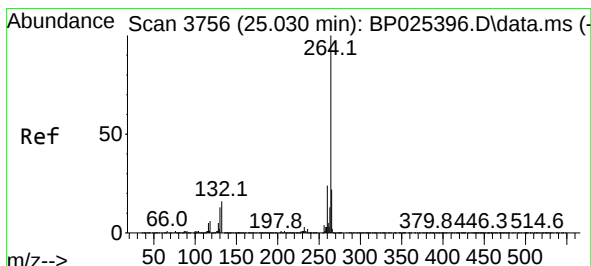
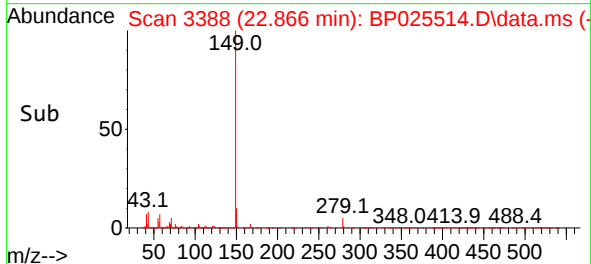
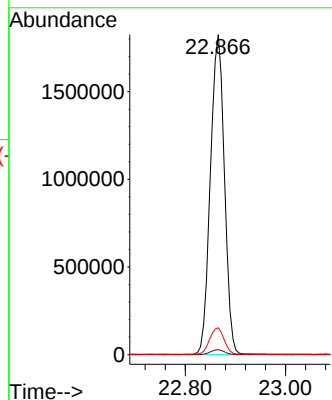
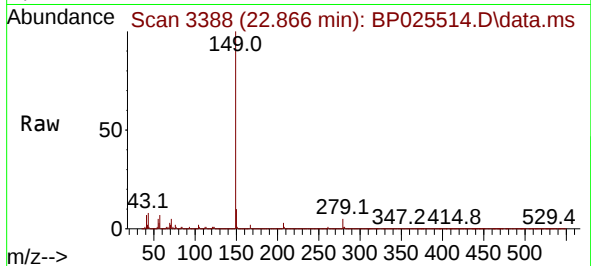




#85
Di-n-octyl phthalate
Concen: 52.570 ng
RT: 22.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

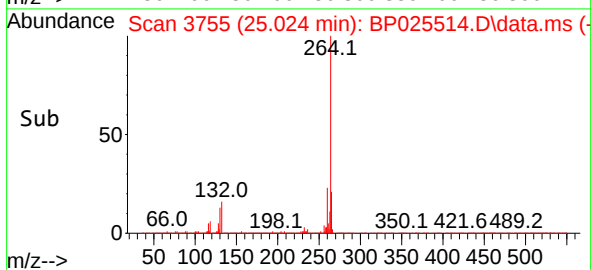
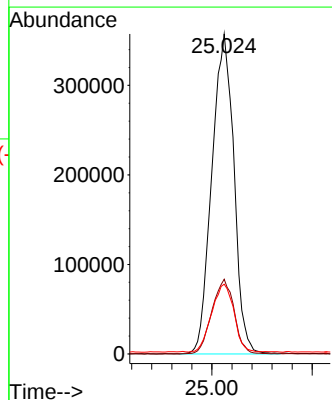
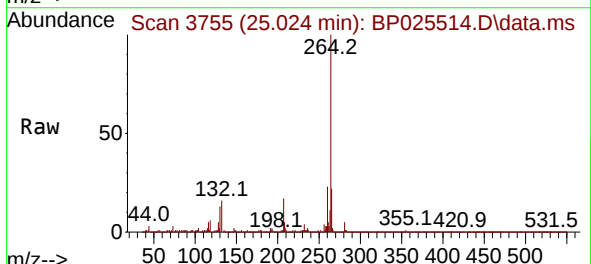
Instrument :
BNA_P
ClientSampleId :
PB169259BS

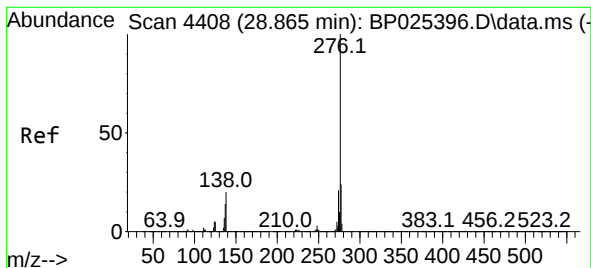
Tgt Ion:149 Resp: 3541294
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:264 Resp: 1093749
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.073 ng

RT: 28.865 min Scan# 4408

Delta R.T. 0.000 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

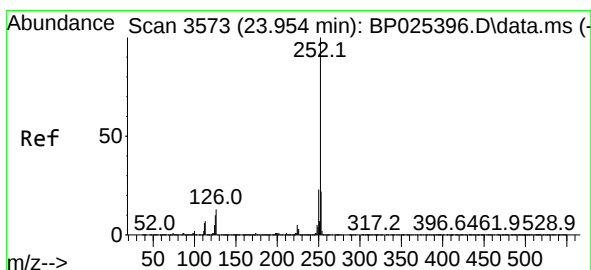
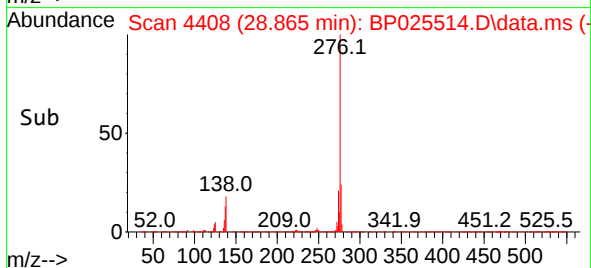
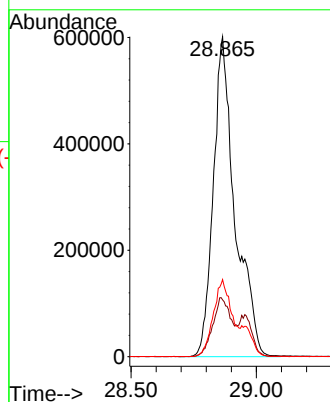
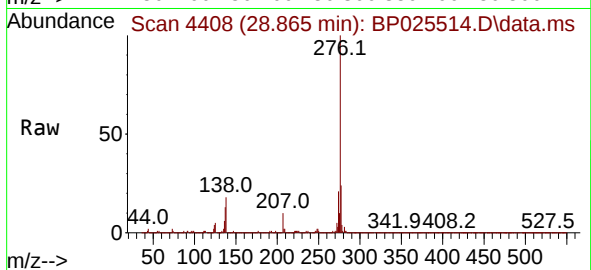
Tgt Ion:276 Resp: 3615356

Ion Ratio Lower Upper

276 100

138 16.2 12.9 19.3

277 20.8 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 45.764 ng

RT: 23.960 min Scan# 3574

Delta R.T. 0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

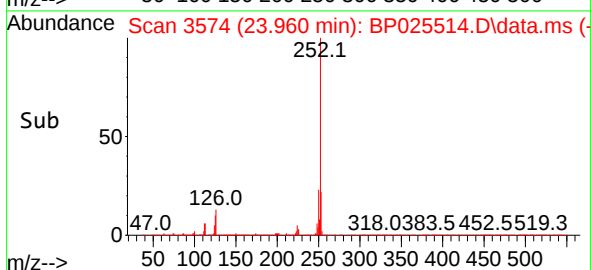
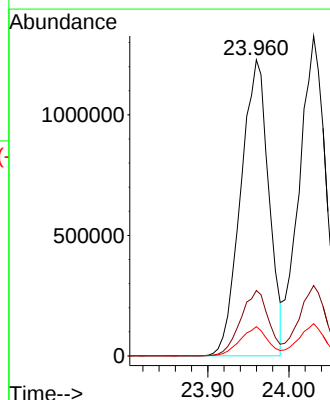
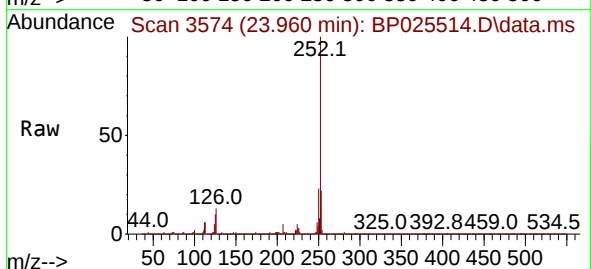
Tgt Ion:252 Resp: 2951588

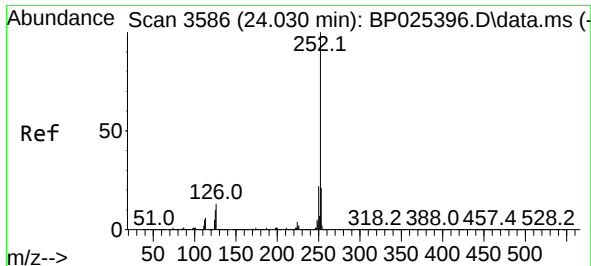
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.9 7.9 11.9

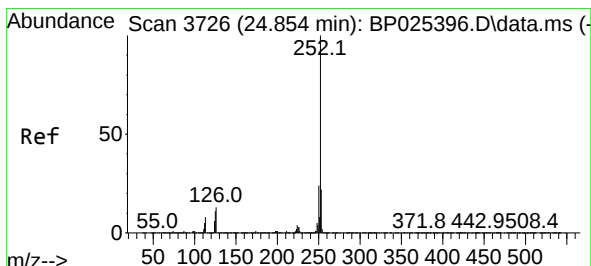
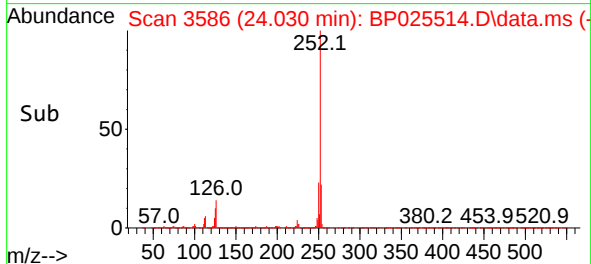
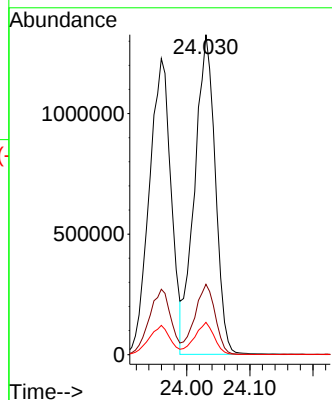
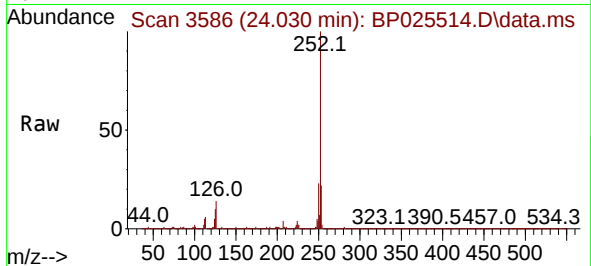




#89
Benzo(k)fluoranthene
Concen: 46.616 ng
RT: 24.030 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

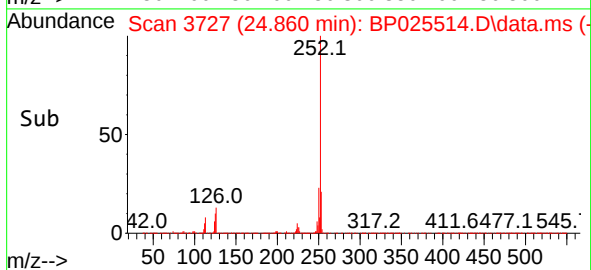
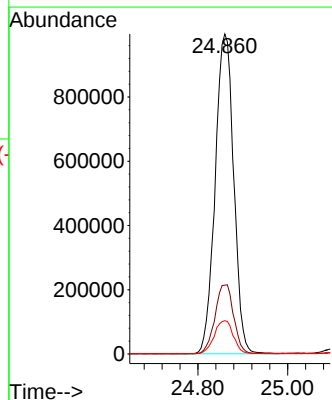
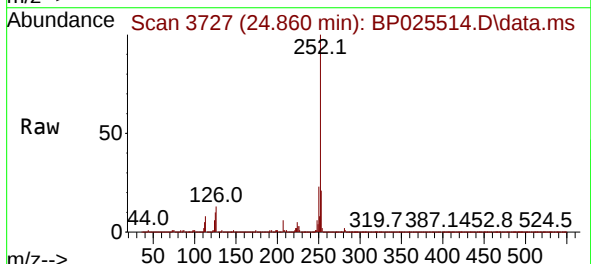
Instrument :
BNA_P
ClientSampleId :
PB169259BS

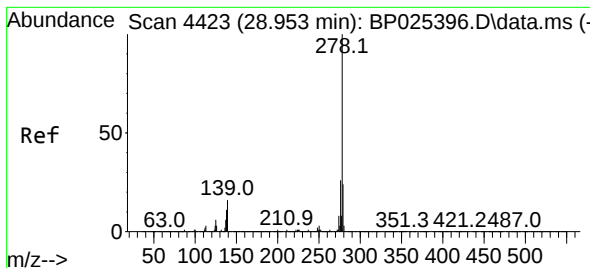
Tgt Ion:252 Resp: 3008563
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 10.1 7.8 11.6



#90
Benzo(a)pyrene
Concen: 45.666 ng
RT: 24.860 min Scan# 3727
Delta R.T. 0.006 min
Lab File: BP025514.D
Acq: 20 Aug 2025 19:49

Tgt Ion:252 Resp: 2866956
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 45.399 ng

RT: 28.959 min Scan# 4423

Delta R.T. 0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Instrument :

BNA_P

ClientSampleId :

PB169259BS

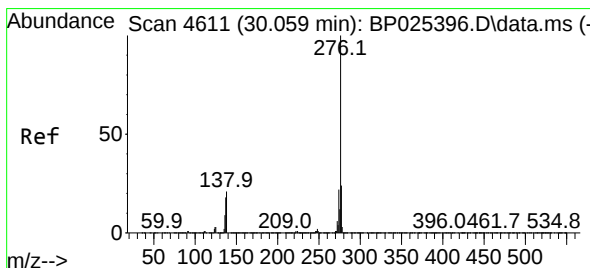
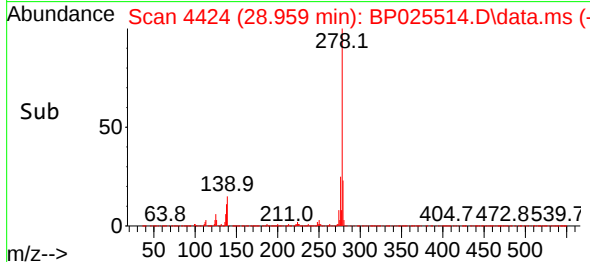
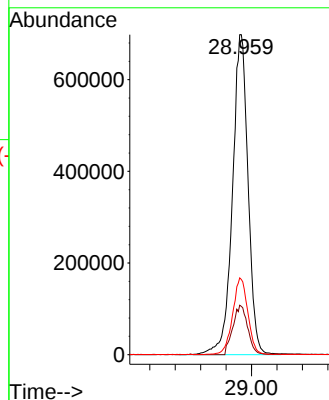
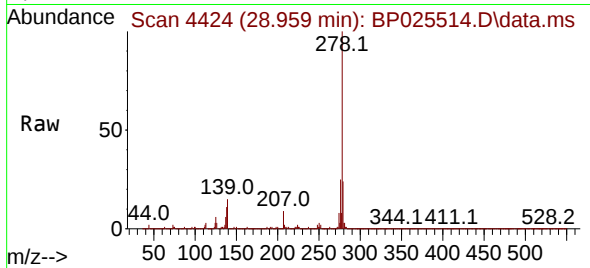
Tgt Ion:278 Resp: 2975886

Ion Ratio Lower Upper

278 100

139 15.1 13.0 19.4

279 23.5 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 45.017 ng

RT: 30.054 min Scan# 4610

Delta R.T. -0.006 min

Lab File: BP025514.D

Acq: 20 Aug 2025 19:49

Tgt Ion:276 Resp: 2900628

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 22.0 16.7 25.1

