

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025402.D
 Acq On : 14 Aug 2025 20:10
 Operator : CG/JU
 Sample : PB169210BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169210BS

Quant Time: Aug 15 01:37:43 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	7.790	152	156059	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	650560	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	435539	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	895607	20.000	ng	0.00
76) Chrysene-d12	21.648	240	937531	20.000	ng	0.00
86) Perylene-d12	25.018	264	1016818	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1280798	136.296	ng	0.00
7) Phenol-d6	6.972	99	1664968	138.195	ng	0.00
23) Nitrobenzene-d5	8.937	82	1023164	79.558	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	807504	137.743	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2538853	79.667	ng	0.00
79) Terphenyl-d14	19.942	244	4256352	83.062	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	150326	40.840	ng	99
3) Pyridine	3.725	79	377128	37.433	ng	98
4) n-Nitrosodimethylamine	3.631	42	183326	44.137	ng	97
6) Aniline	7.125	93	680651	41.931	ng	98
8) 2-Chlorophenol	7.366	128	518221	48.869	ng	99
9) Benzaldehyde	6.937	77	256830	30.427	ng	98
10) Phenol	6.996	94	629374	49.784	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	437105	44.360	ng	100
12) 1,3-Dichlorobenzene	7.684	146	509681	43.589	ng	100
13) 1,4-Dichlorobenzene	7.825	146	520662	43.564	ng	99
14) 1,2-Dichlorobenzene	8.143	146	502978	43.476	ng	97
15) Benzyl Alcohol	8.025	79	446566	46.649	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	580366	43.968	ng	98
17) 2-Methylphenol	8.225	107	435851	49.640	ng	99
18) Hexachloroethane	8.866	117	192819	43.879	ng	96
19) n-Nitroso-di-n-propyla...	8.584	70	349179	43.755	ng	97
20) 3+4-Methylphenols	8.549	107	601995	49.463	ng	98
22) Acetophenone	8.602	105	715431	43.852	ng	99
24) Nitrobenzene	8.978	77	512825	44.618	ng	99
25) Isophorone	9.502	82	1003541	44.092	ng	99
26) 2-Nitrophenol	9.678	139	274616	46.556	ng	99
27) 2,4-Dimethylphenol	9.743	122	502601	49.547	ng	99
28) bis(2-Chloroethoxy)met...	9.978	93	622573	45.252	ng	98
29) 2,4-Dichlorophenol	10.213	162	505992	50.213	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	484724	43.881	ng	99
31) Naphthalene	10.613	128	1505392	44.521	ng	99
32) Benzoic acid	9.884	122	383103	51.155	ng	97
33) 4-Chloroaniline	10.713	127	624236	41.794	ng	99
34) Hexachlorobutadiene	10.901	225	298042	43.323	ng	98
35) Caprolactam	11.496	113	181569	49.139	ng	99
36) 4-Chloro-3-methylphenol	11.831	107	582706	50.394	ng	98
37) 2-Methylnaphthalene	12.219	142	1004265	45.639	ng	99
38) 1-Methylnaphthalene	12.443	142	1051392	44.929	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	564099	44.845	ng	99
41) Hexachlorocyclopentadiene	12.578	237	716635	94.317	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	420901	49.564	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	468666	50.356	ng	98
46) 1,1'-Biphenyl	13.231	154	1476847	46.689	ng	100
47) 2-Chloronaphthalene	13.272	162	1146132	46.544	ng	99
48) 2-Nitroaniline	13.472	65	355089	49.489	ng	96
49) Acenaphthylene	14.131	152	1910326	46.883	ng	100
50) Dimethylphthalate	13.860	163	1540919	48.314	ng	99
51) 2,6-Dinitrotoluene	13.978	165	335519	49.911	ng	98
52) Acenaphthene	14.478	154	1132105	47.334	ng	100
53) 3-Nitroaniline	14.307	138	331713	43.858	ng	97
54) 2,4-Dinitrophenol	14.513	184	401585	111.865	ng	97
55) Dibenzofuran	14.813	168	1757203	46.470	ng	100
56) 4-Nitrophenol	14.625	139	648186	104.294	ng	98
57) 2,4-Dinitrotoluene	14.766	165	491249	51.219	ng	100
58) Fluorene	15.472	166	1388189	46.525	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.042	232	408762	49.740	ng	99
60) Diethylphthalate	15.248	149	1563135	48.233	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	683735	46.075	ng	98
62) 4-Nitroaniline	15.489	138	380486	49.072	ng	99
63) Azobenzene	15.772	77	1343333	48.409	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	277954	49.788	ng	95
66) n-Nitrosodiphenylamine	15.689	169	1290834	47.265	ng	99
67) 4-Bromophenyl-phenylether	16.384	248	460600	46.761	ng	96
68) Hexachlorobenzene	16.501	284	531682	46.564	ng	98
69) Atrazine	16.660	200	492822	48.184	ng	97
70) Pentachlorophenol	16.848	266	700841	97.234	ng	99
71) Phenanthrene	17.248	178	2335980	47.481	ng	100
72) Anthracene	17.348	178	2338590	46.547	ng	99
73) Carbazole	17.619	167	2254500	47.640	ng	99
74) Di-n-butylphthalate	18.219	149	2850461	48.957	ng	100
75) Fluoranthene	19.336	202	2769236	47.188	ng	99
77) Benzidine	19.525	184	2034719	63.593	ng	99
78) Pyrene	19.713	202	2848697	46.748	ng	99
80) Butylbenzylphthalate	20.666	149	1350312	48.894	ng	99
81) Benzo(a)anthracene	21.630	228	2905027	46.984	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	936735	40.194	ng	99
83) Chrysene	21.695	228	2733737	47.211	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1973001	48.532	ng	100
85) Di-n-octyl phthalate	22.877	149	3308927	47.320	ng	100
87) Indeno(1,2,3-cd)pyrene	28.848	276	3058393	41.014	ng	94
88) Benzo(b)fluoranthene	23.971	252	2918542	48.676	ng	99
89) Benzo(k)fluoranthene	24.042	252	2967349	49.456	ng	100
90) Benzo(a)pyrene	24.871	252	2854031	48.899	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	2946612	48.354	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2879368	48.068	ng	99

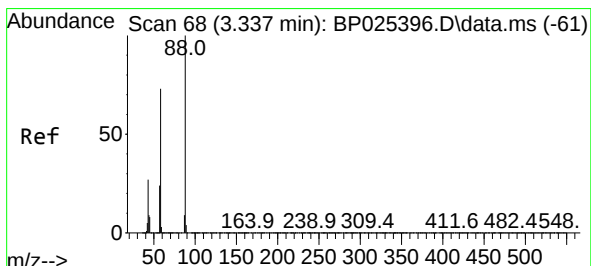
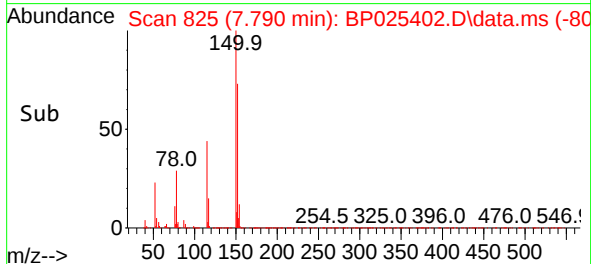
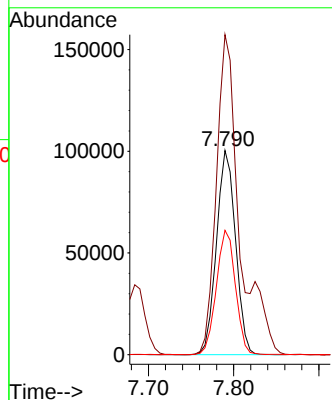
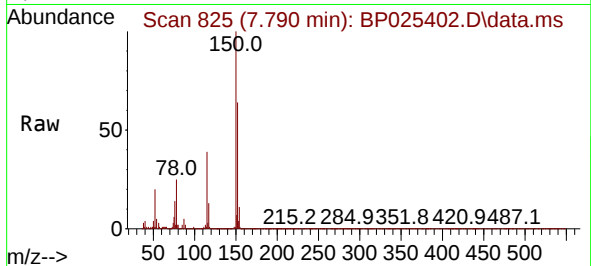
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025402.D
 Acq: 14 Aug 2025 20:10

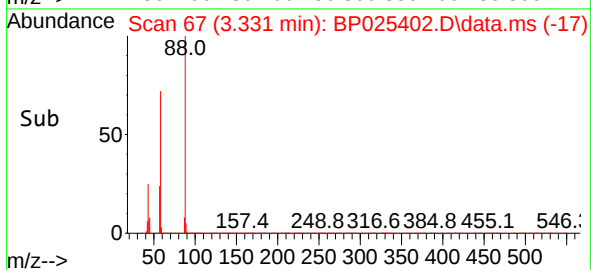
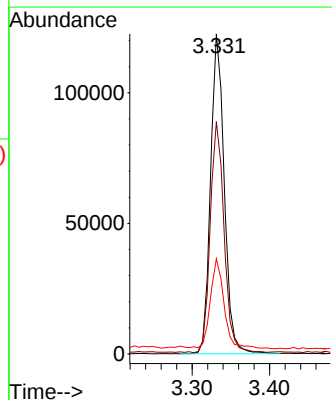
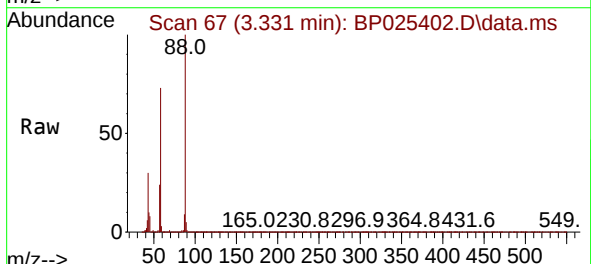
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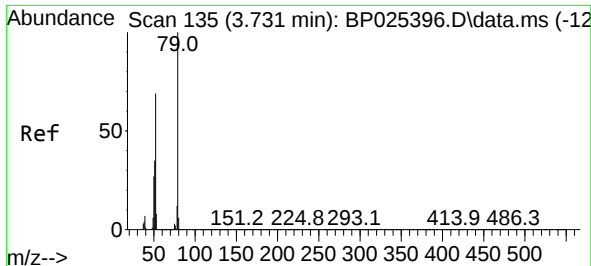
Tgt Ion:152 Resp: 156059
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.9 188.9
 115 60.9 48.5 72.7



#2
 1,4-Dioxane
 Concen: 40.840 ng
 RT: 3.331 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BP025402.D
 Acq: 14 Aug 2025 20:10

Tgt Ion: 88 Resp: 150326
 Ion Ratio Lower Upper
 88 100
 58 73.0 59.2 88.8
 43 28.2 21.7 32.5

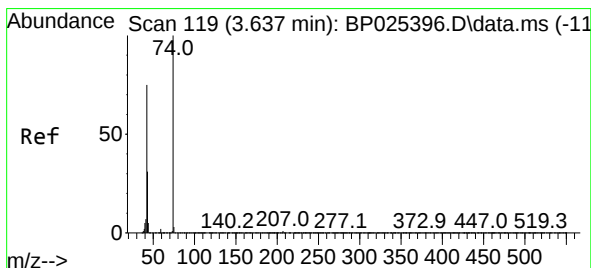
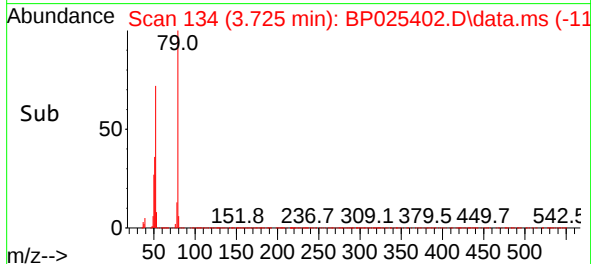
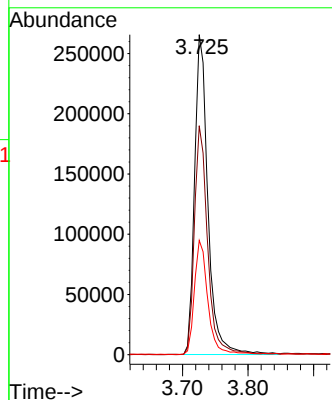
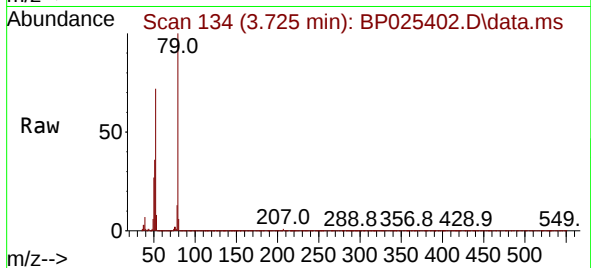




#3
Pyridine
Concen: 37.433 ng
RT: 3.725 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

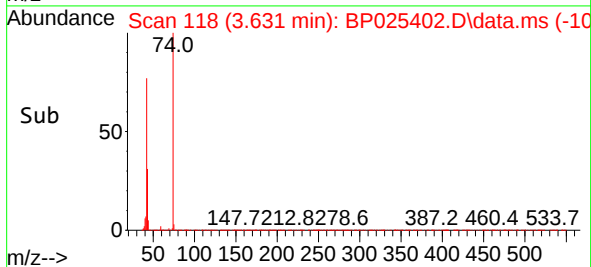
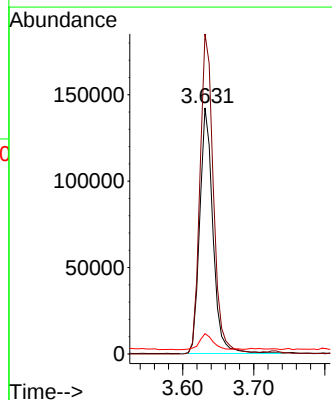
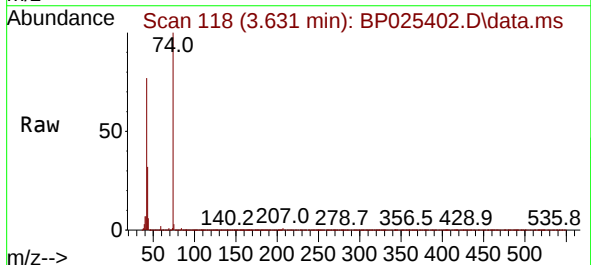
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BNA_P
ClientSampleId :
PB169210BS

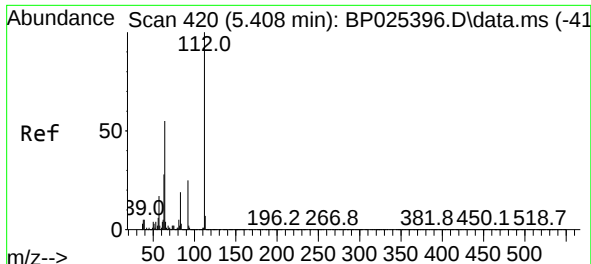
Tgt Ion: 79 Resp: 377128
Ion Ratio Lower Upper
79 100
52 71.5 55.5 83.3
51 35.7 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 44.137 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 42 Resp: 183326
Ion Ratio Lower Upper
42 100
74 130.0 107.0 160.4
44 8.3 6.2 9.4

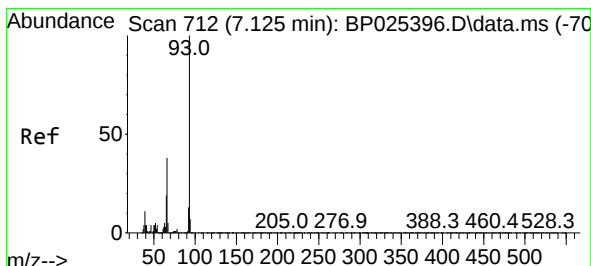
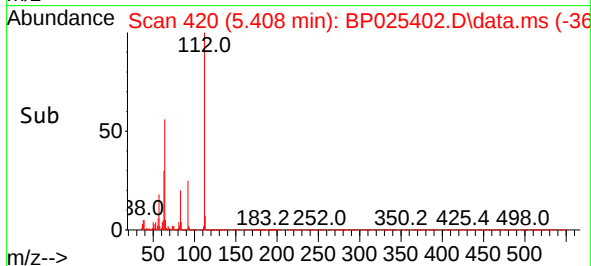
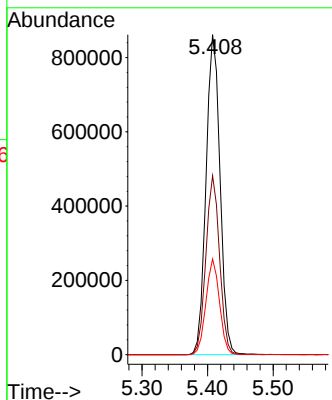
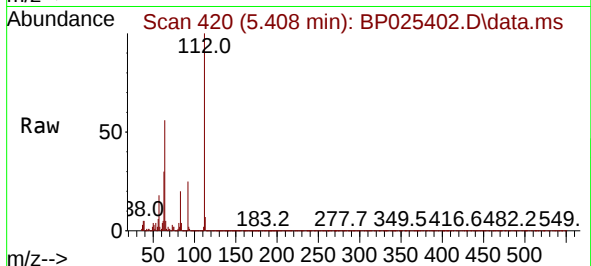




#5
2-Fluorophenol
Concen: 136.296 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

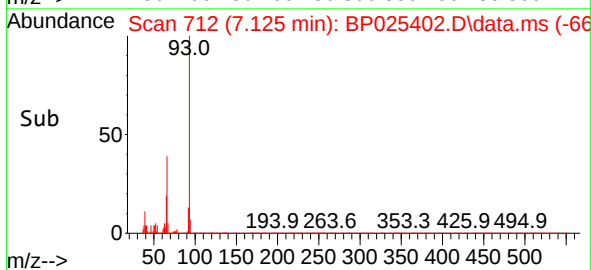
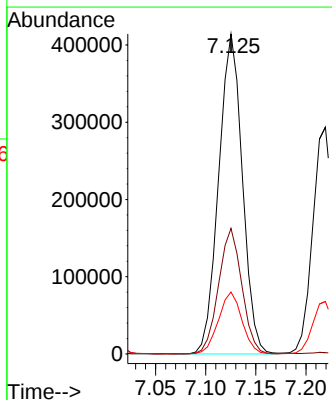
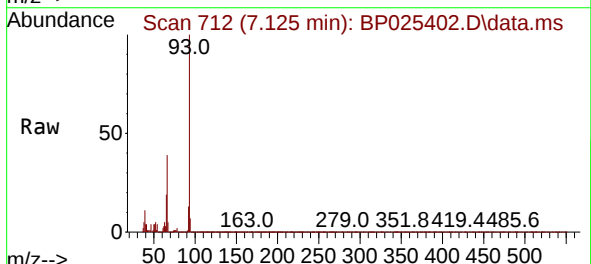
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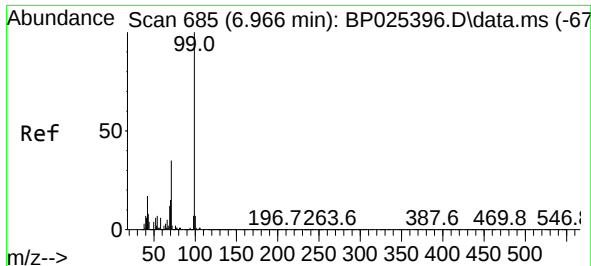
Tgt Ion:112 Resp: 1280798
Ion Ratio Lower Upper
112 100
64 56.0 43.8 65.8
63 29.9 22.7 34.1



#6
Aniline
Concen: 41.931 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 93 Resp: 680651
Ion Ratio Lower Upper
93 100
66 39.2 30.4 45.6
65 19.4 15.3 22.9

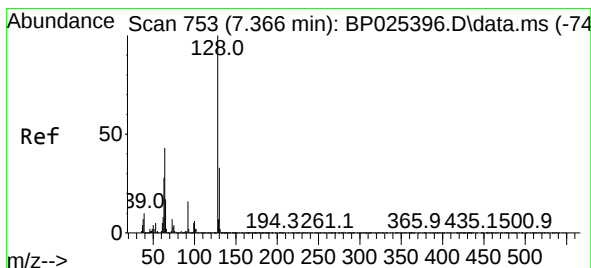
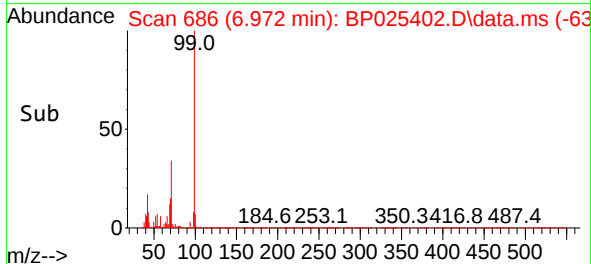
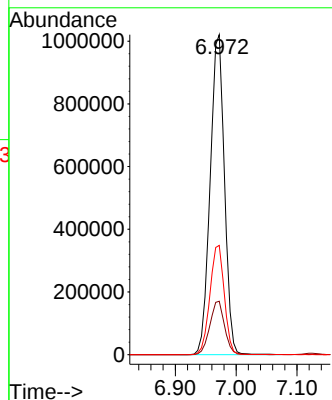
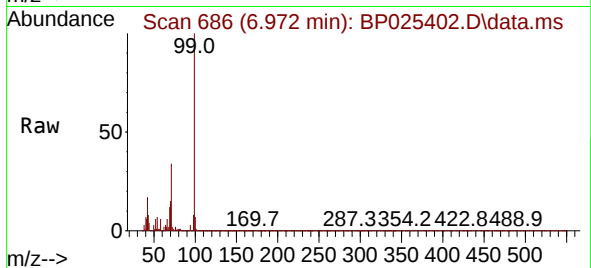




#7
Phenol-d6
Concen: 138.195 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

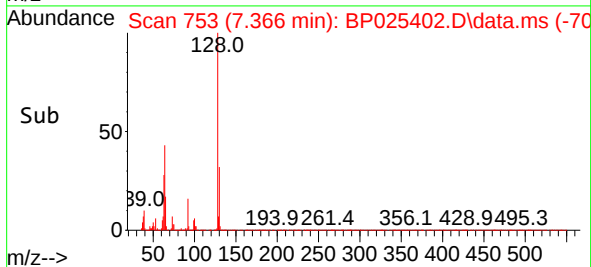
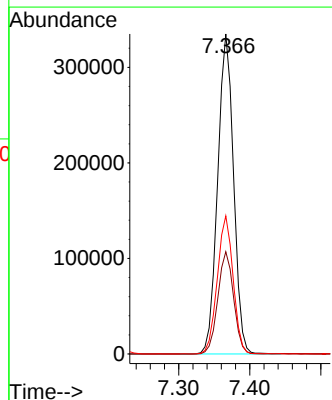
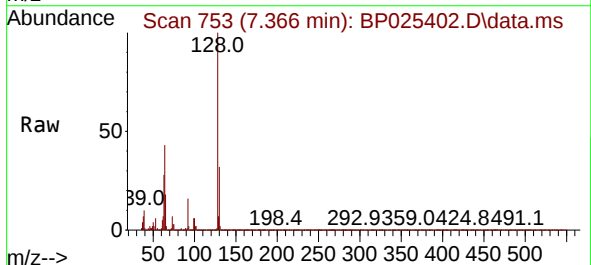
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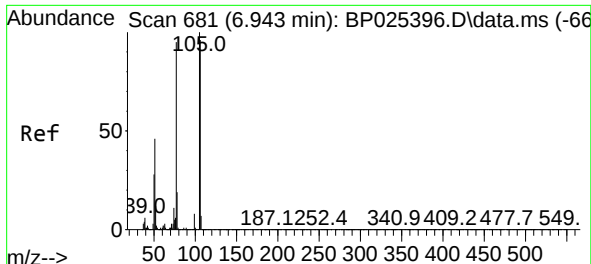
Tgt Ion: 99 Resp: 1664968
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 34.1 28.2 42.4



#8
2-Chlorophenol
Concen: 48.869 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 128 Resp: 518221
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 43.1 23.4 63.4

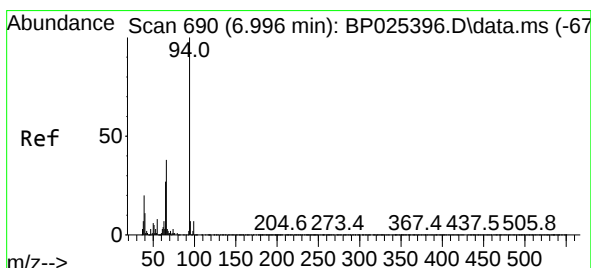
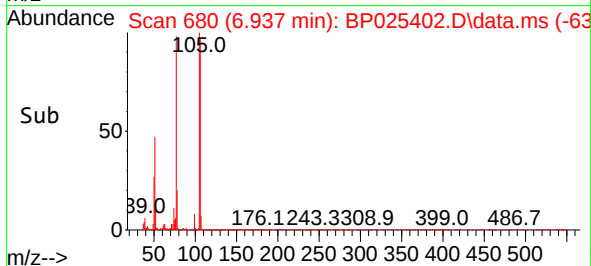
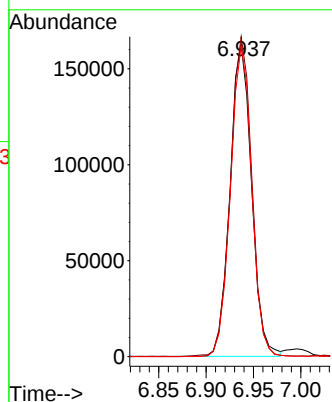
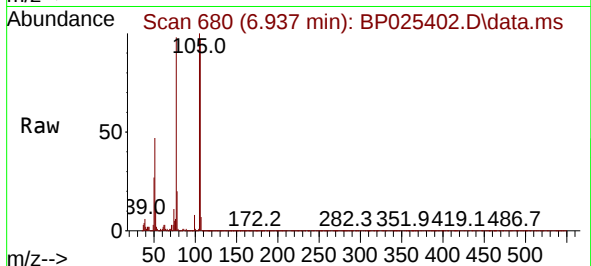




#9
Benzaldehyde
Concen: 30.427 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

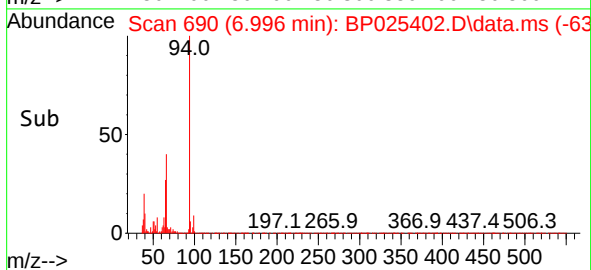
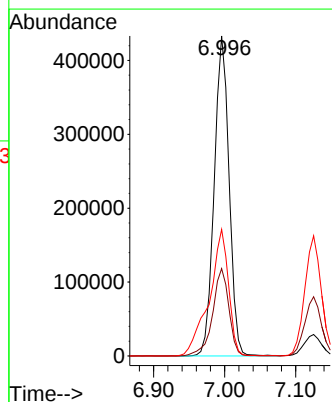
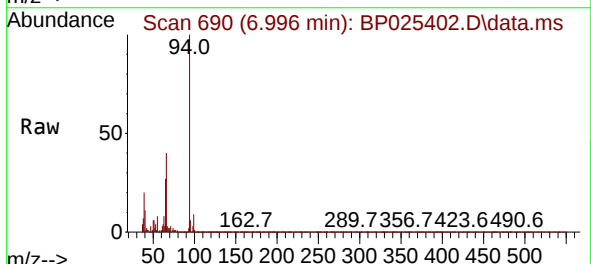
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BNA_P
ClientSampleId :
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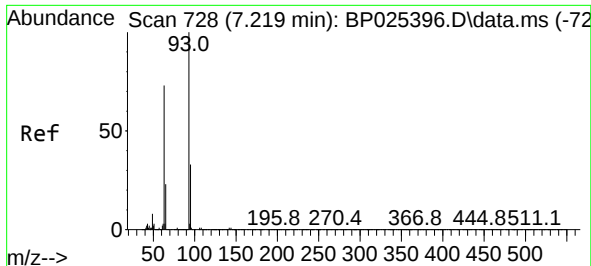
Tgt Ion: 77 Resp: 256830
Ion Ratio Lower Upper
77 100
105 102.4 84.8 124.8
106 99.4 80.5 120.5



#10
Phenol
Concen: 49.784 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 94 Resp: 629374
Ion Ratio Lower Upper
94 100
65 27.3 6.8 46.8
66 39.6 18.2 58.2

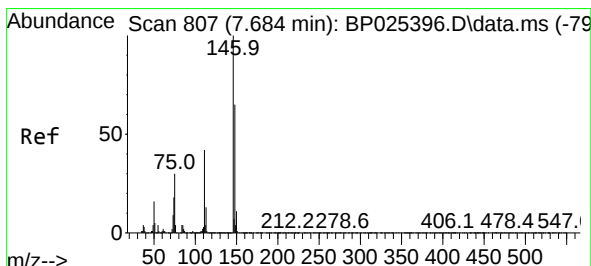
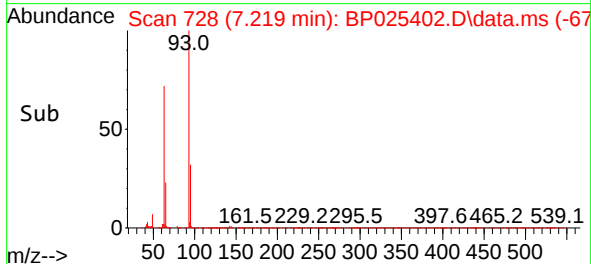
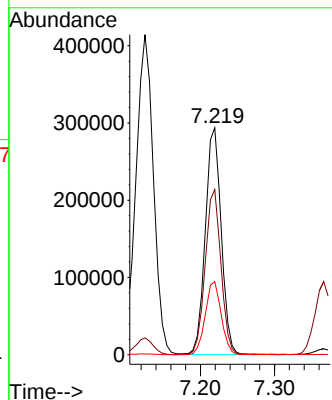
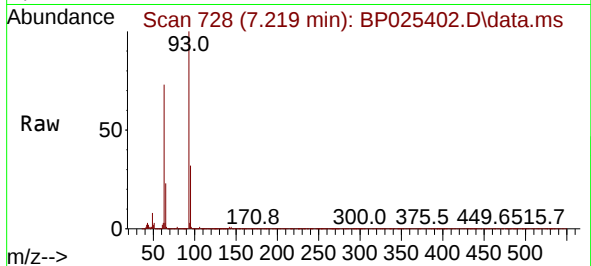




#11
bis(2-Chloroethyl)ether
Concen: 44.360 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

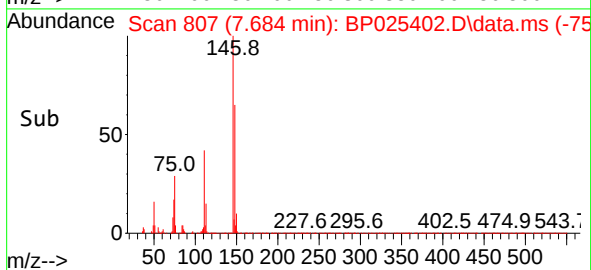
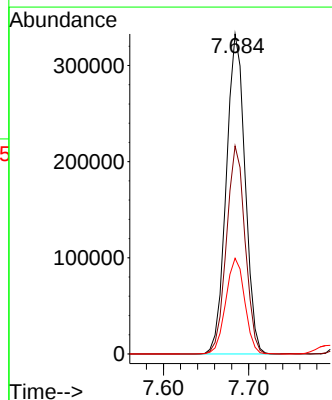
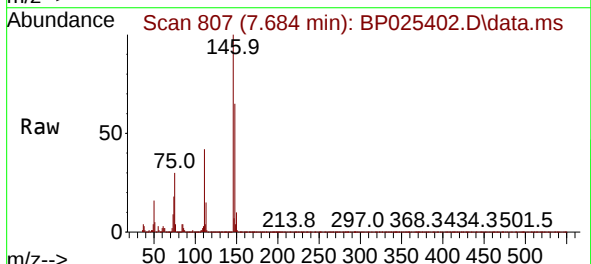
Instrument :
BNA_P
ClientSampleId :
PB169210BS

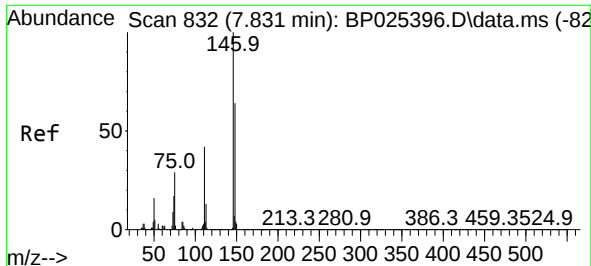
Tgt Ion: 93 Resp: 437105
Ion Ratio Lower Upper
93 100
63 72.8 52.6 92.6
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.589 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 146 Resp: 509681
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 29.9 23.7 35.5

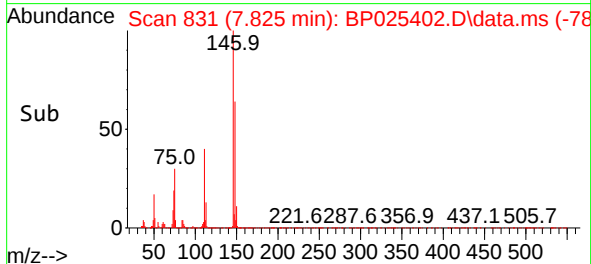
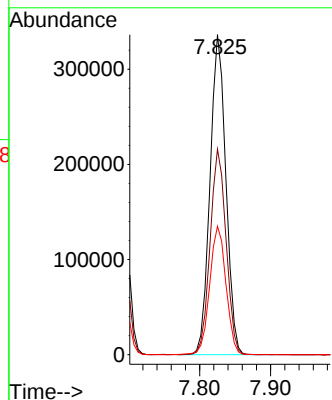
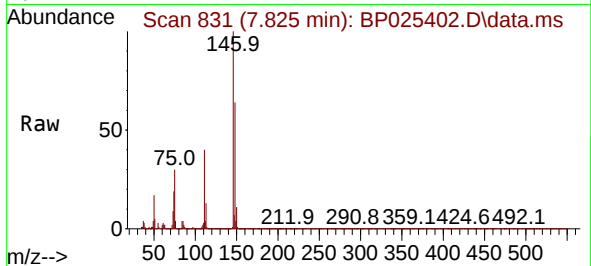




#13
1,4-Dichlorobenzene
Concen: 43.564 ng
RT: 7.825 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

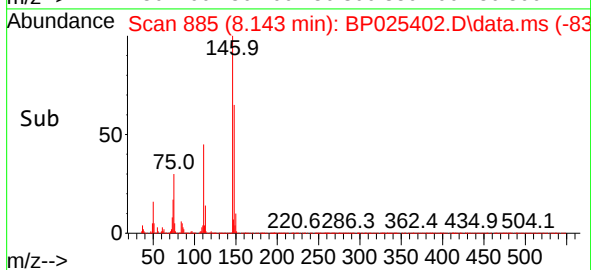
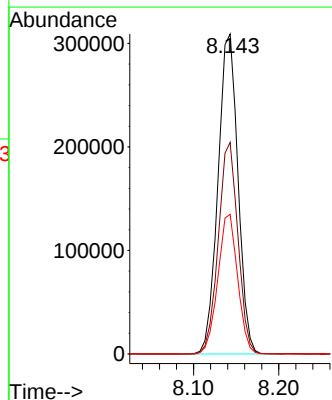
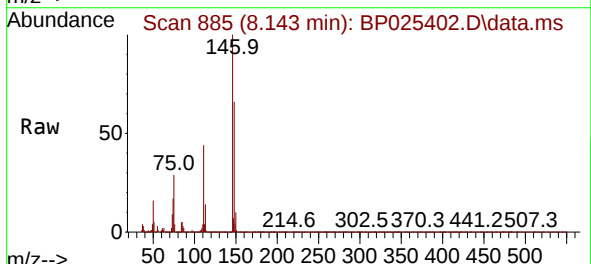
Instrument :
BNA_P
ClientSampleId :
PB169210BS

Tgt Ion:146 Resp: 520662
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
111 40.2 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 43.476 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:146 Resp: 502978
Ion Ratio Lower Upper
146 100
148 66.1 50.4 75.6
111 43.6 34.5 51.7

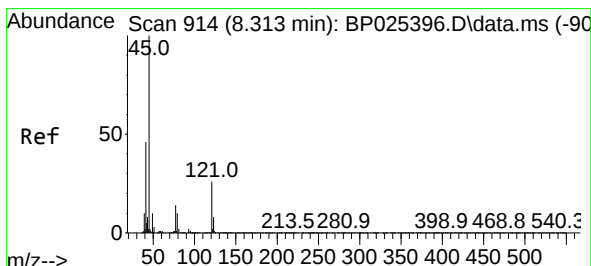
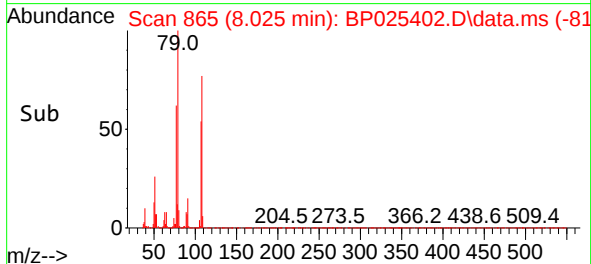
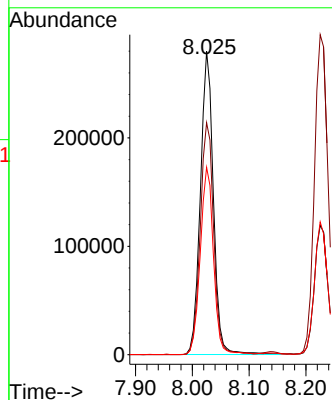
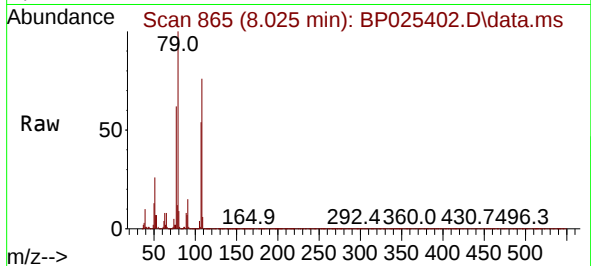




#15
Benzyl Alcohol
Concen: 46.649 ng
RT: 8.025 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

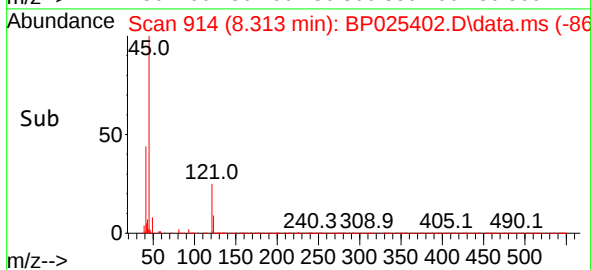
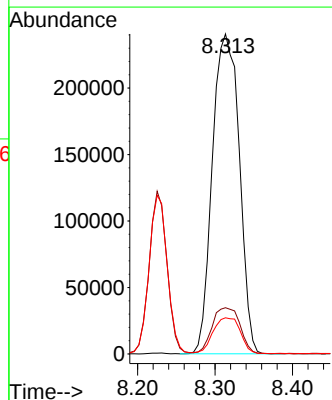
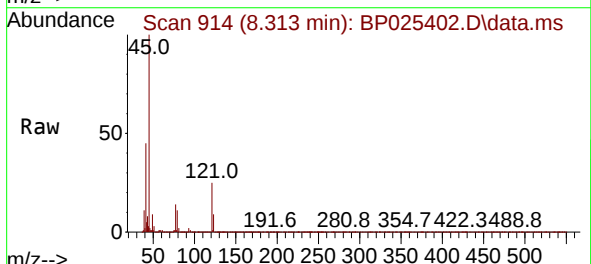
Instrument :
BNA_P
ClientSampleId :
PB169210BS

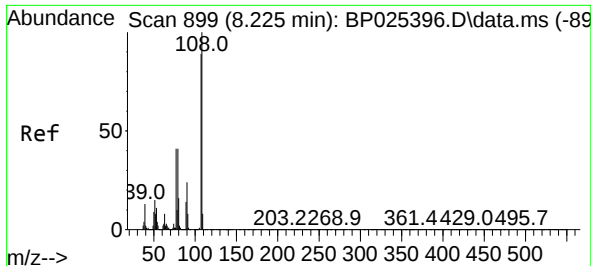
Tgt Ion: 79 Resp: 446566
Ion Ratio Lower Upper
79 100
108 76.5 63.8 95.6
77 61.7 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.968 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 45 Resp: 580366
Ion Ratio Lower Upper
45 100
77 14.5 0.0 35.3
79 11.3 0.0 31.8

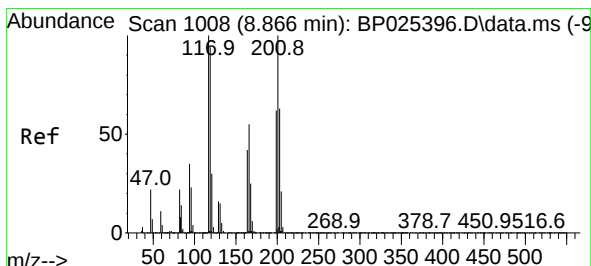
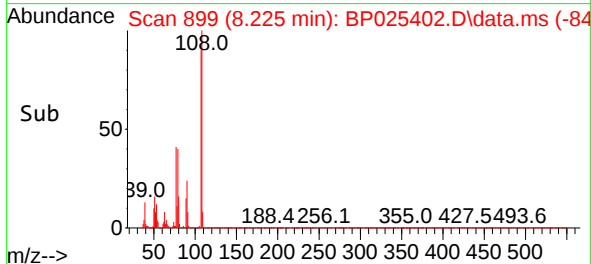
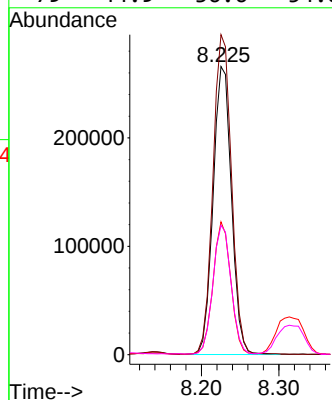
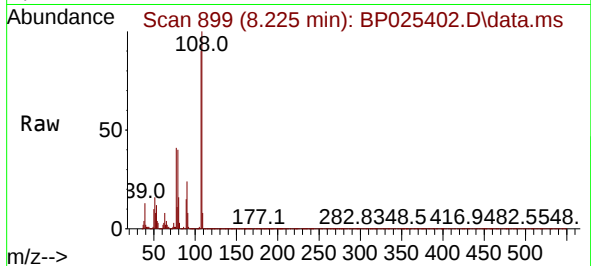




#17
2-Methylphenol
Concen: 49.640 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

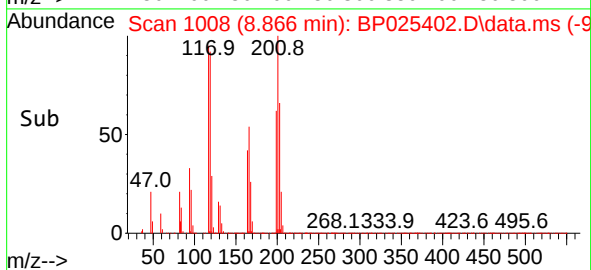
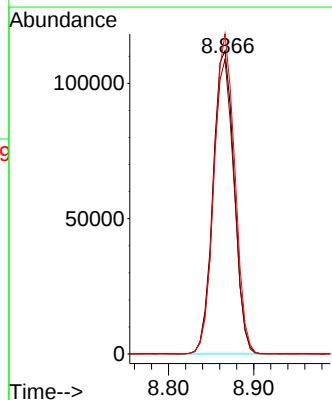
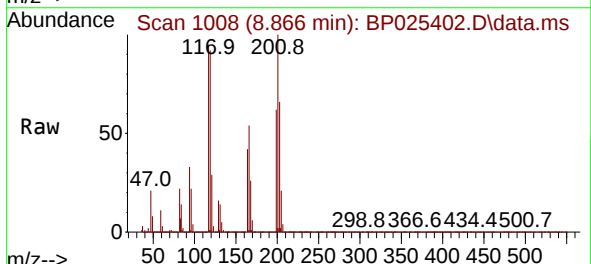
Instrument :
BNA_P
ClientSampleId :
PB169210BS

Tgt Ion:	107	Resp:	435851
Ion	Ratio	Lower	Upper
107	100		
108	111.1	89.4	134.0
77	46.1	36.3	54.5
79	44.9	36.6	54.8



#18
Hexachloroethane
Concen: 43.879 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:	117	Resp:	192819
Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.1	112.7
201	105.6	80.1	120.1

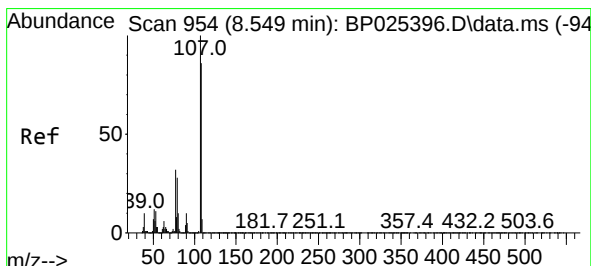
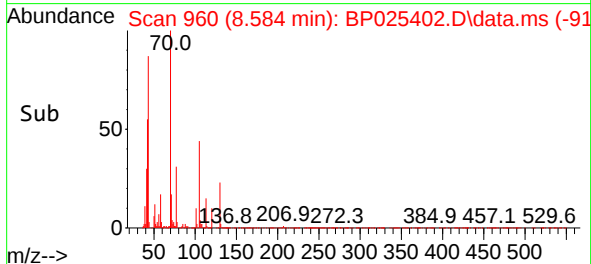
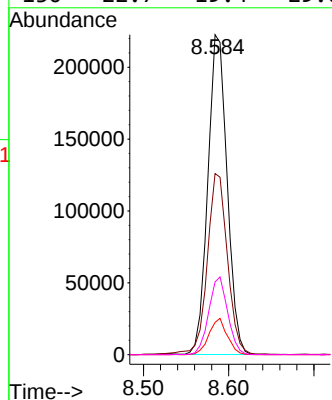
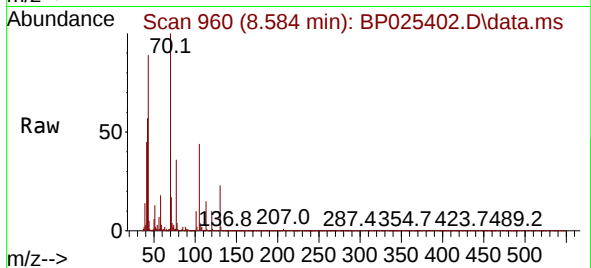




#19
n-Nitroso-di-n-propylamine
Concen: 43.755 ng
RT: 8.584 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

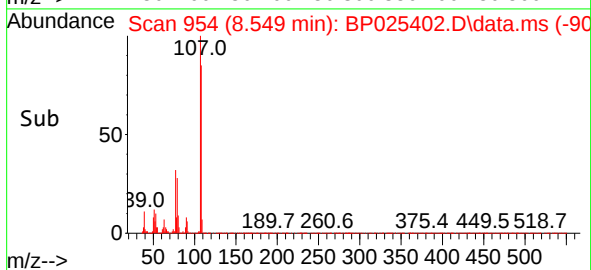
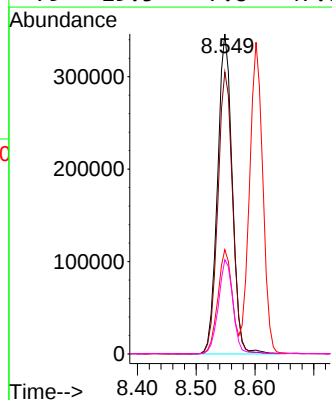
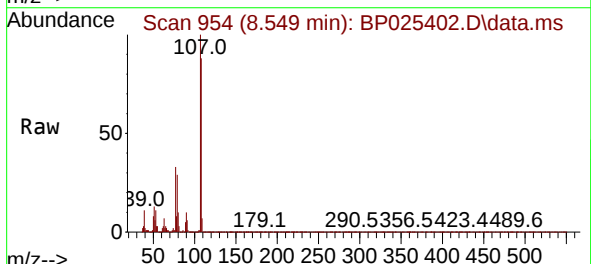
Instrument :
BNA_P
ClientSampleId :
PB169210BS

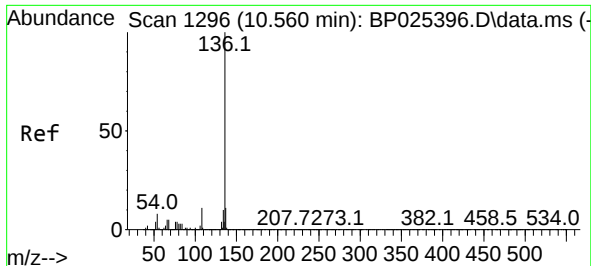
Tgt Ion: 70 Resp: 349179
Ion Ratio Lower Upper
70 100
42 56.6 43.8 65.6
101 10.1 8.5 12.7
130 22.7 19.4 29.0



#20
3+4-Methylphenols
Concen: 49.463 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 107 Resp: 601995
Ion Ratio Lower Upper
107 100
108 88.2 66.3 106.3
77 32.6 12.3 52.3
79 29.5 7.8 47.8

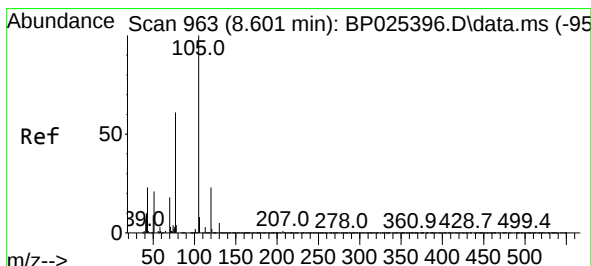
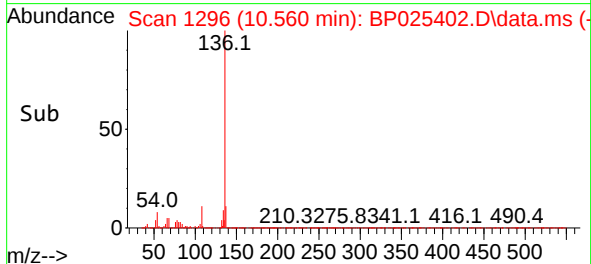
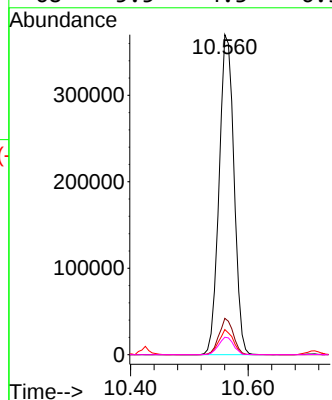
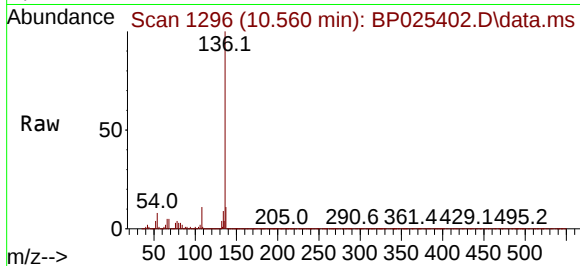




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

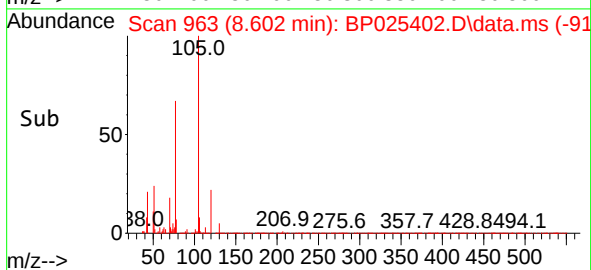
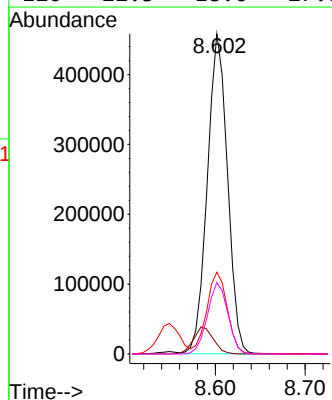
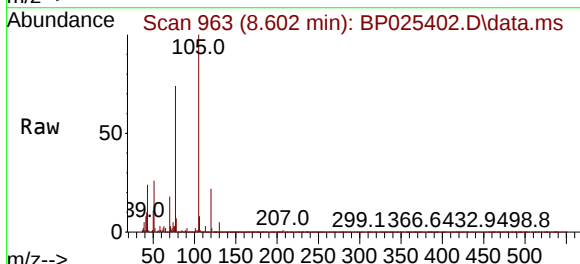
Instrument :
BNA_P
ClientSampleId :
PB169210BS

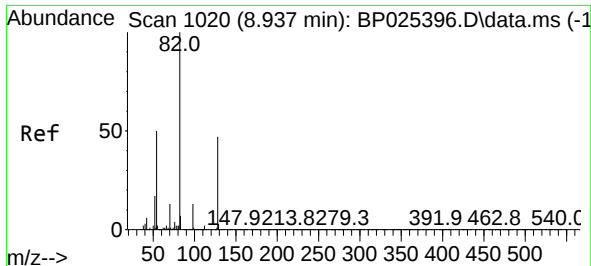
Tgt Ion:	136	Resp:	650560
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.8	6.0	9.0
68	5.5	4.3	6.5



#22
Acetophenone
Concen: 43.852 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:	105	Resp:	715431
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.6	4.0
51	25.5	20.6	30.8
120	22.3	18.6	27.8

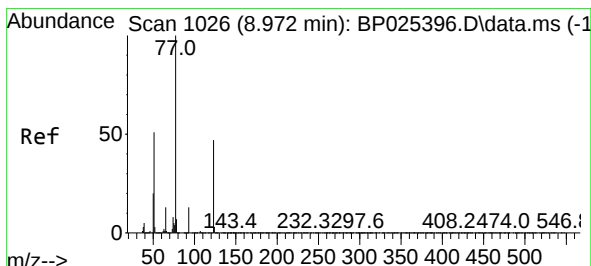
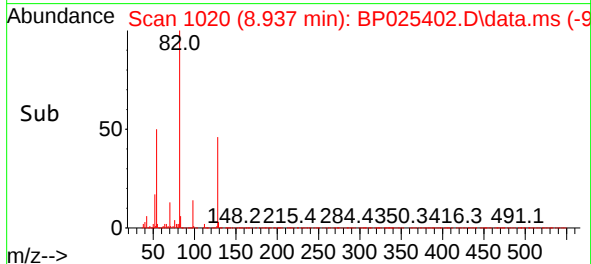
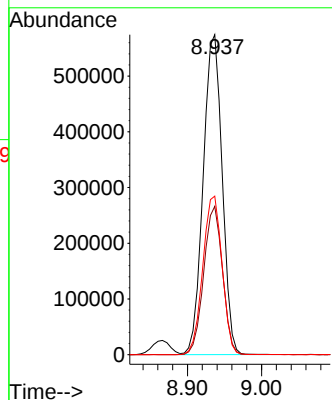
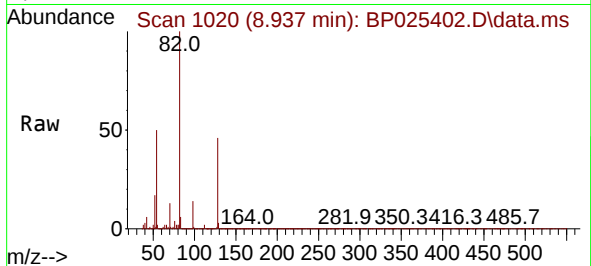




#23
Nitrobenzene-d5
Concen: 79.558 ng
RT: 8.937 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

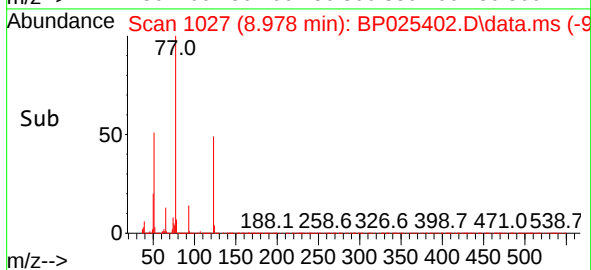
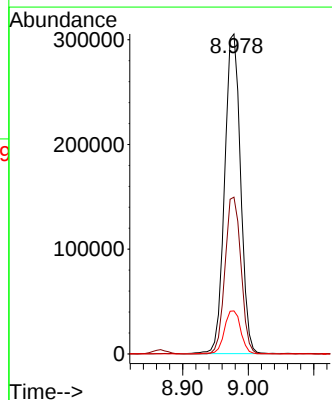
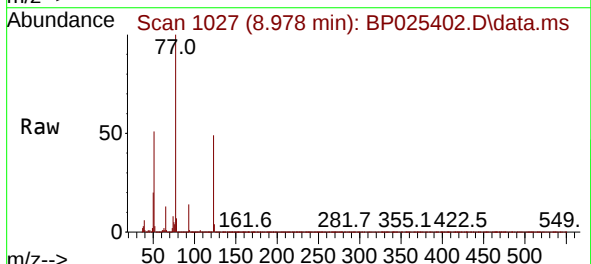
Instrument :
BNA_P
ClientSampleId :
PB169210BS

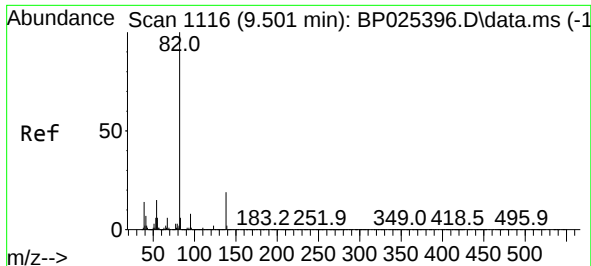
Tgt Ion: 82 Resp: 1023164
Ion Ratio Lower Upper
82 100
128 46.3 37.7 56.5
54 49.6 39.8 59.6



#24
Nitrobenzene
Concen: 44.618 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 77 Resp: 512825
Ion Ratio Lower Upper
77 100
123 49.0 38.6 58.0
65 13.5 10.6 15.8

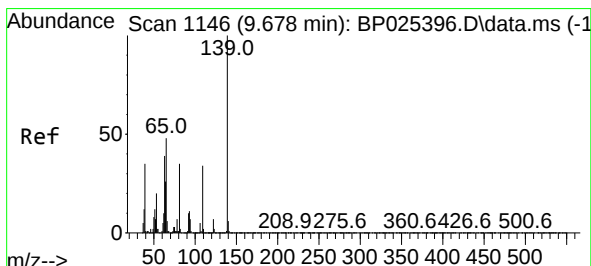
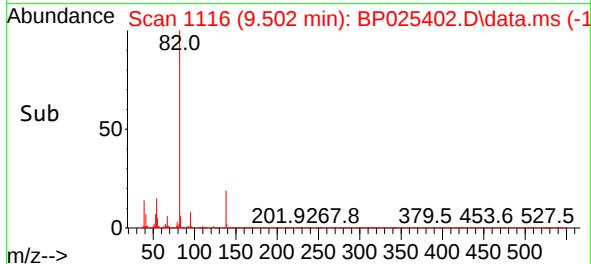
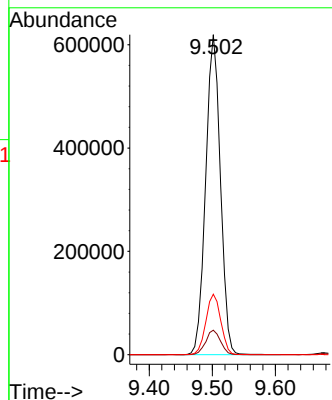
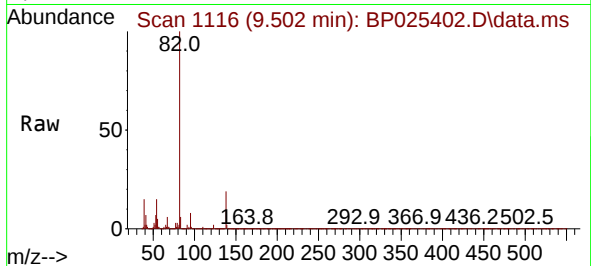




#25
Isophorone
Concen: 44.092 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

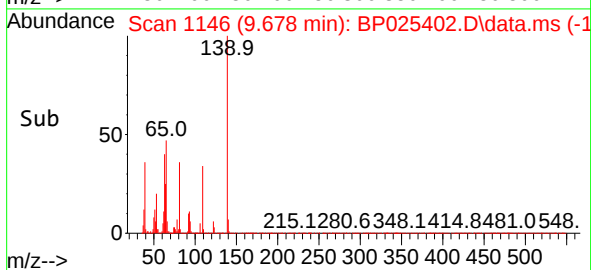
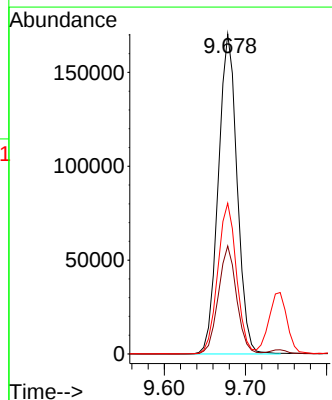
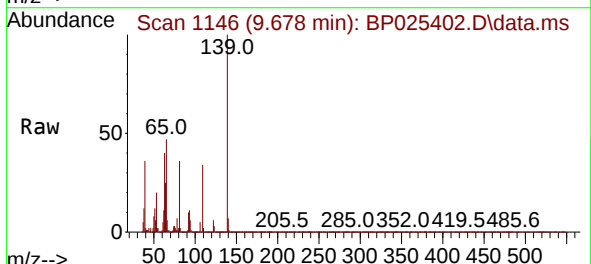
Instrument :
BNA_P
ClientSampleId :
PB169210BS

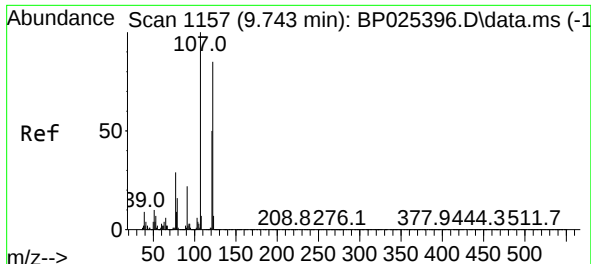
Tgt Ion: 82 Resp: 1003541
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.9 15.4 23.0



#26
2-Nitrophenol
Concen: 46.556 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 139 Resp: 274616
Ion Ratio Lower Upper
139 100
109 33.7 26.9 40.3
65 47.1 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 49.547 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

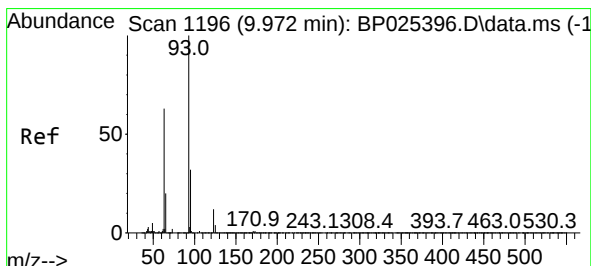
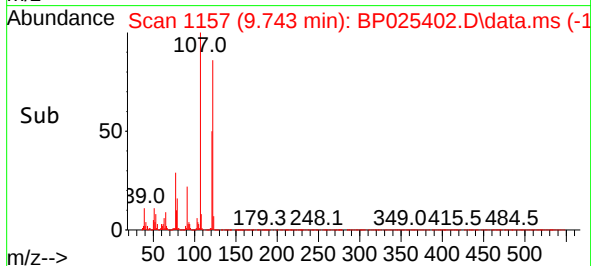
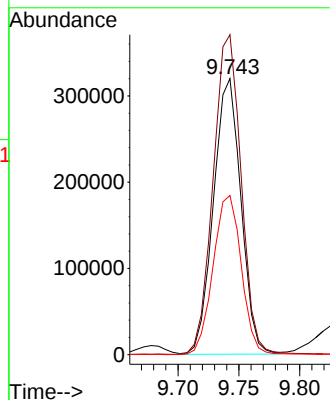
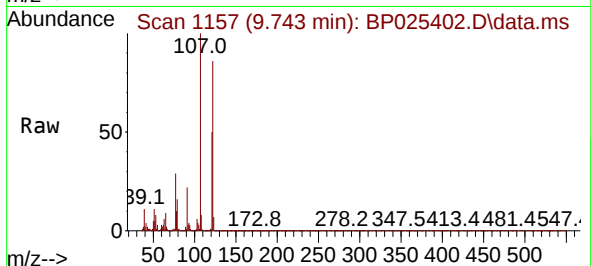
Tgt Ion:122 Resp: 502601

Ion Ratio Lower Upper

122 100

107 115.8 93.7 140.5

121 57.7 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.252 ng

RT: 9.978 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

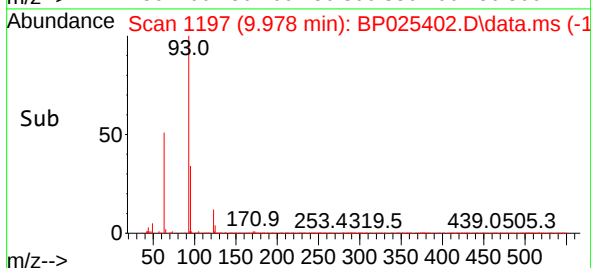
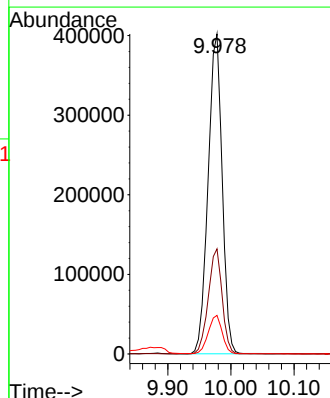
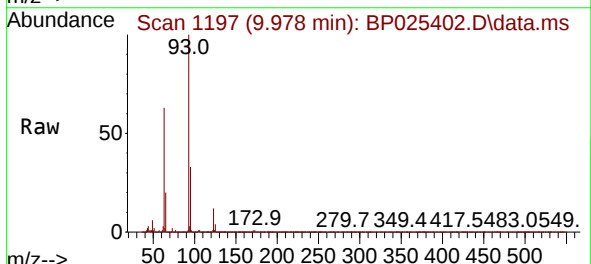
Tgt Ion: 93 Resp: 622573

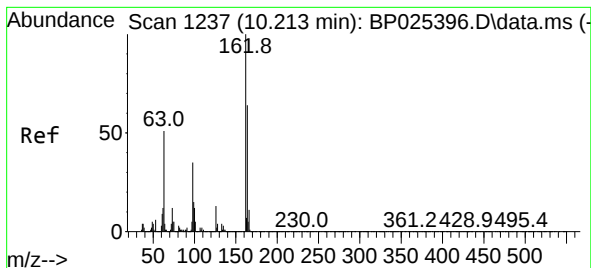
Ion Ratio Lower Upper

93 100

95 32.9 25.4 38.0

123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.213 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

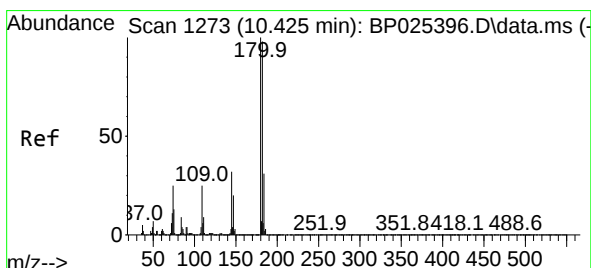
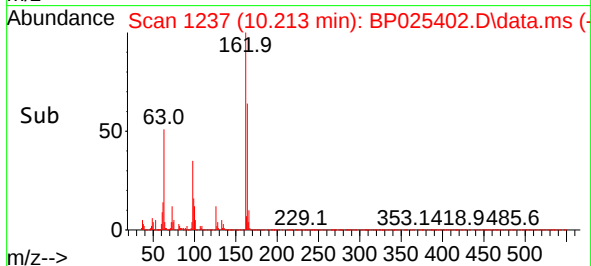
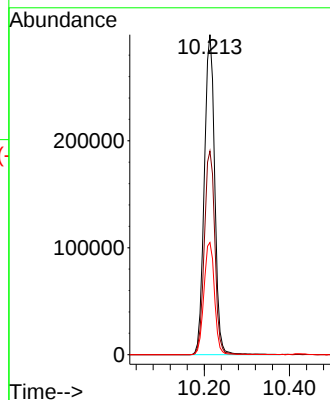
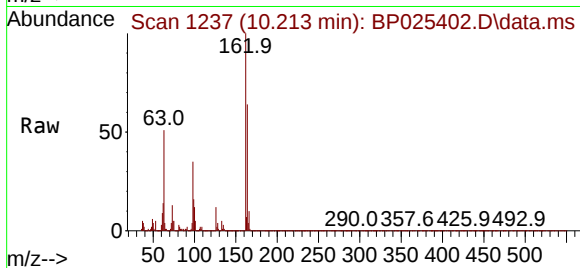
Tgt Ion:162 Resp: 505992

Ion Ratio Lower Upper

162 100

164 63.6 44.4 84.4

98 35.0 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 43.881 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

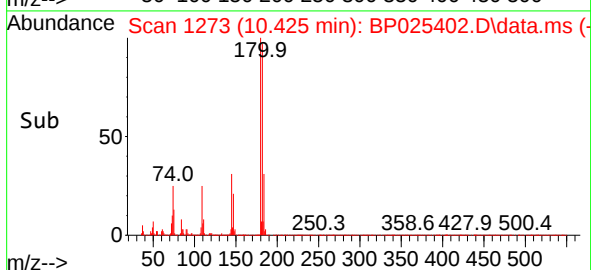
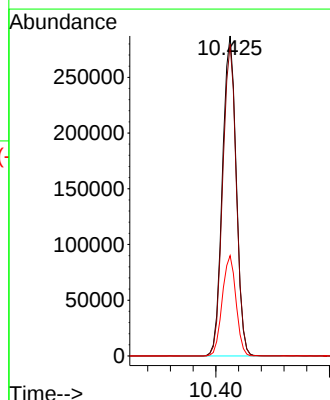
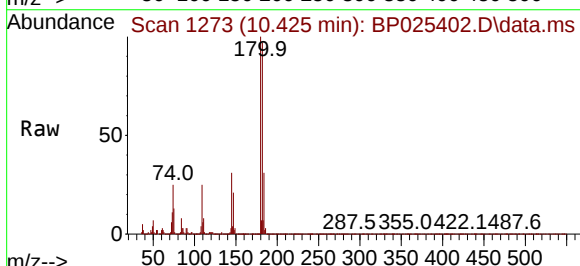
Tgt Ion:180 Resp: 484724

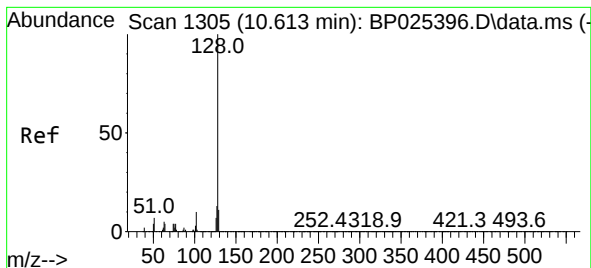
Ion Ratio Lower Upper

180 100

182 97.4 78.0 117.0

145 31.4 25.9 38.9





#31

Naphthalene

Concen: 44.521 ng

RT: 10.613 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

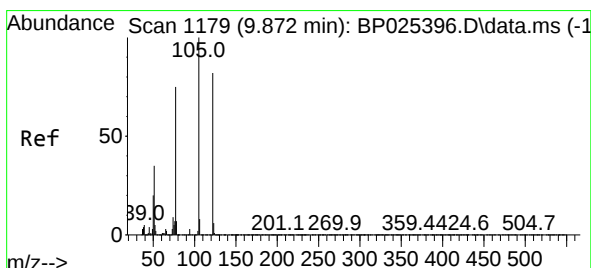
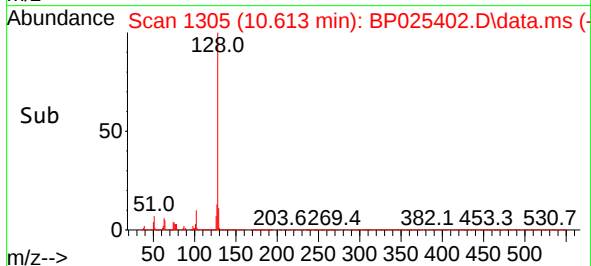
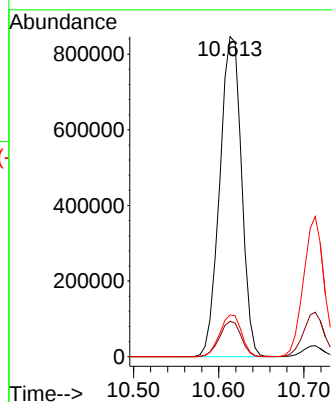
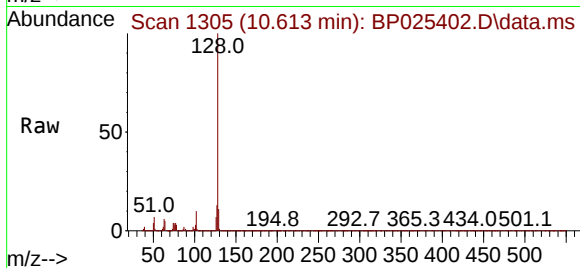
Tgt Ion:128 Resp: 1505392

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 51.155 ng

RT: 9.884 min Scan# 1181

Delta R.T. 0.012 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

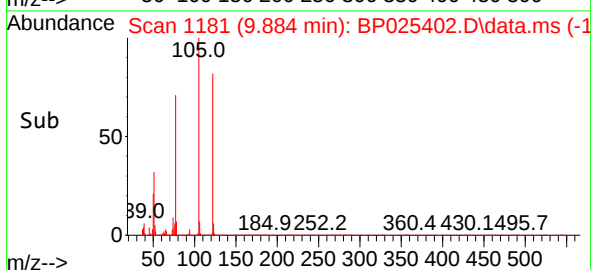
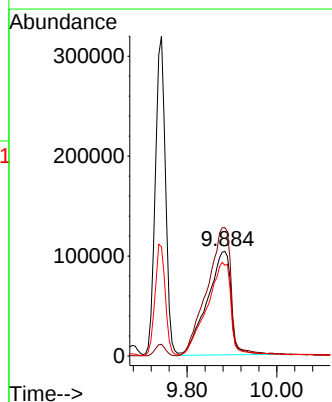
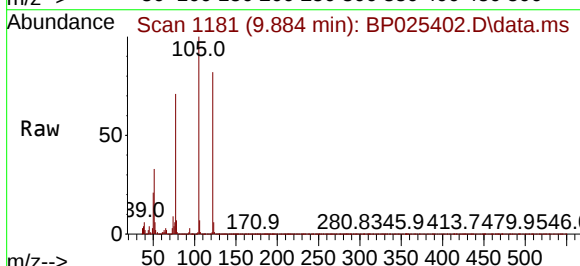
Tgt Ion:122 Resp: 383103

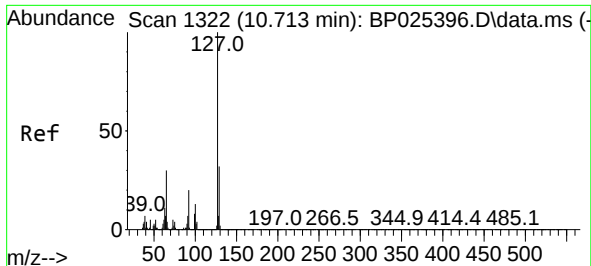
Ion Ratio Lower Upper

122 100

105 122.6 100.6 140.6

77 86.7 71.5 111.5

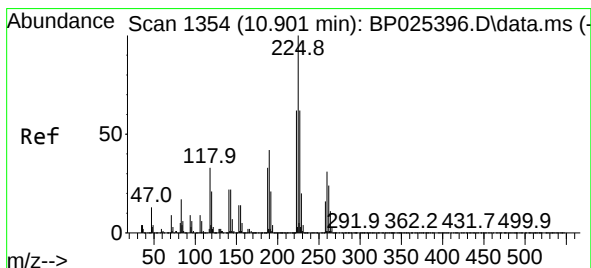
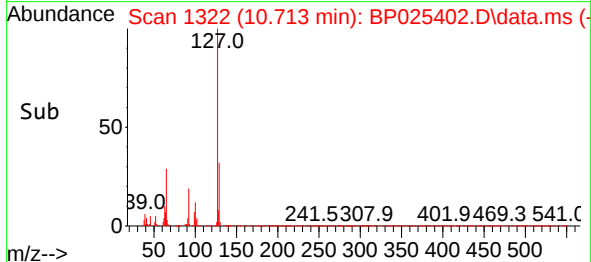
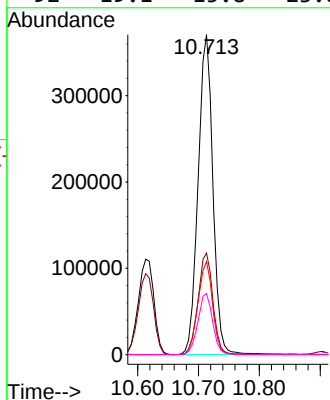
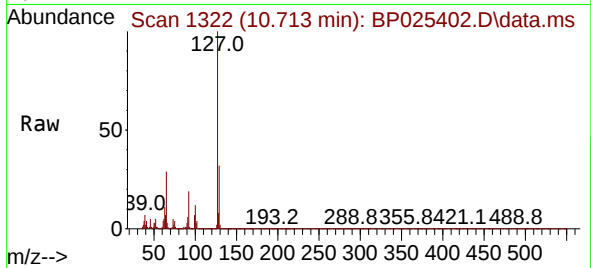




#33
4-Chloroaniline
Concen: 41.794 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

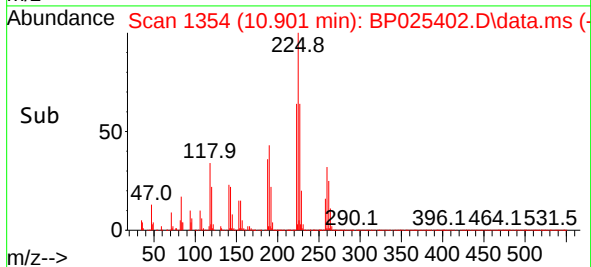
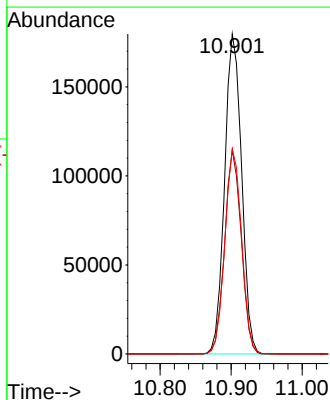
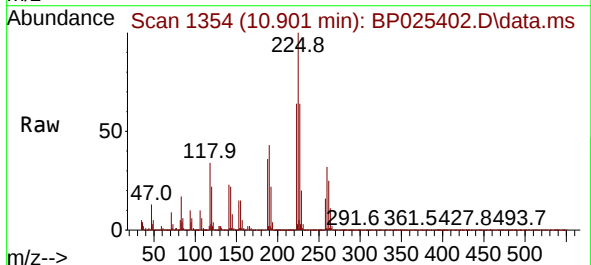
Instrument :
BNA_P
ClientSampleId :
PB169210BS

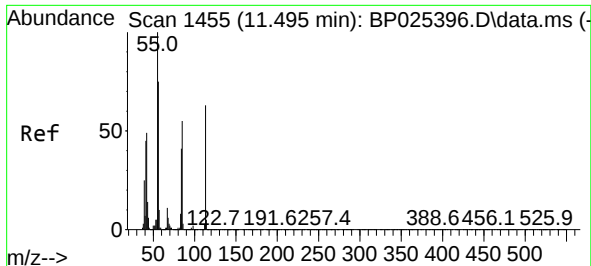
Tgt Ion:	127	Resp:	624236
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	29.1	23.8	35.6
92	19.1	15.8	23.8



#34
Hexachlorobutadiene
Concen: 43.323 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:	225	Resp:	298042
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.0	75.0
227	64.1	49.7	74.5

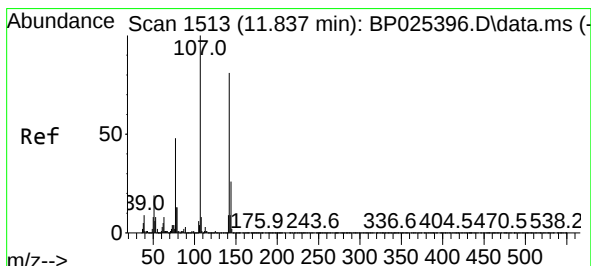
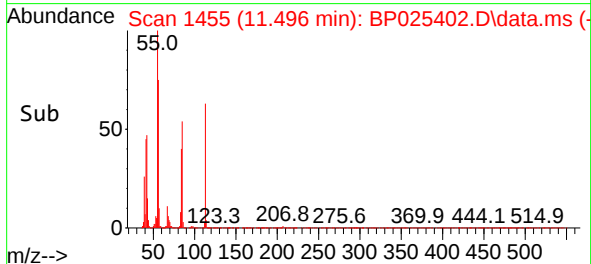
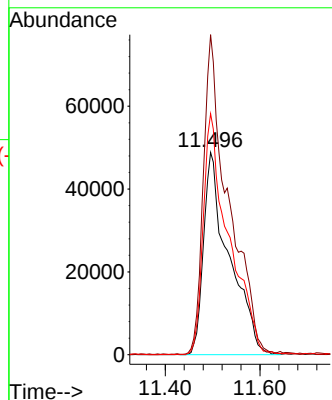
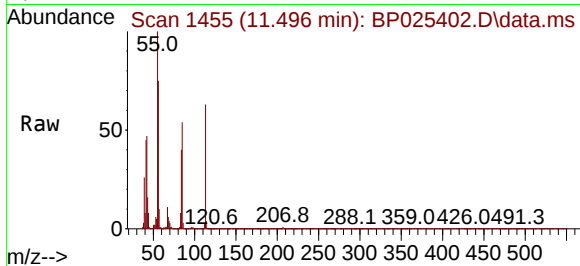




#35
 Caprolactam
 Concen: 49.139 ng
 RT: 11.496 min Scan# 1455
 Delta R.T. 0.000 min
 Lab File: BP025402.D
 Acq: 14 Aug 2025 20:10

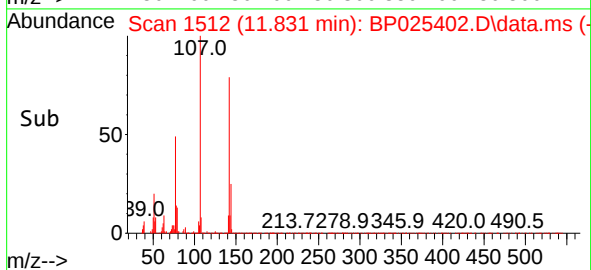
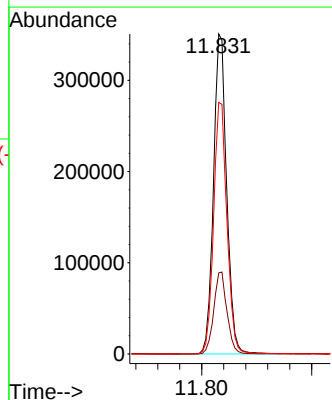
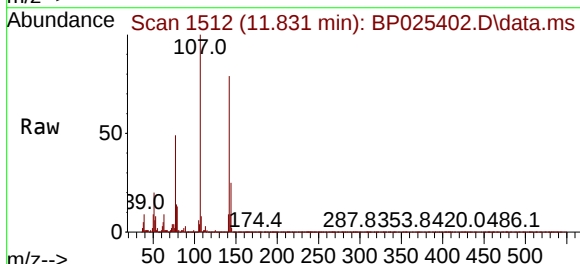
Instrument :
 BNA_P
 ClientSampleId :
 PB169210BS

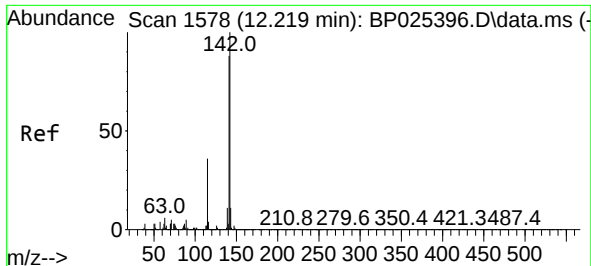
Tgt Ion:113 Resp: 181569
 Ion Ratio Lower Upper
 113 100
 55 158.2 140.0 180.0
 56 119.2 100.0 140.0



#36
 4-Chloro-3-methylphenol
 Concen: 50.394 ng
 RT: 11.831 min Scan# 1512
 Delta R.T. -0.006 min
 Lab File: BP025402.D
 Acq: 14 Aug 2025 20:10

Tgt Ion:107 Resp: 582706
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.0 31.4
 142 78.6 64.6 97.0

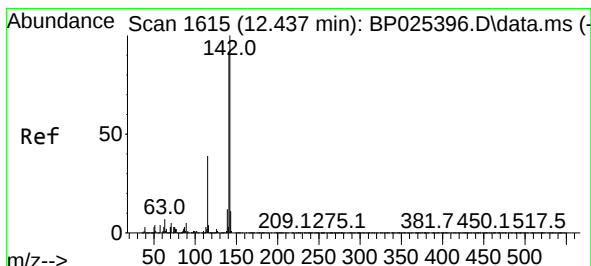
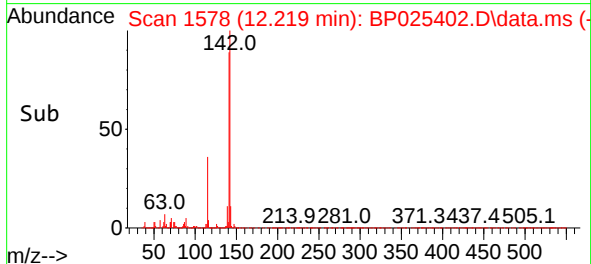
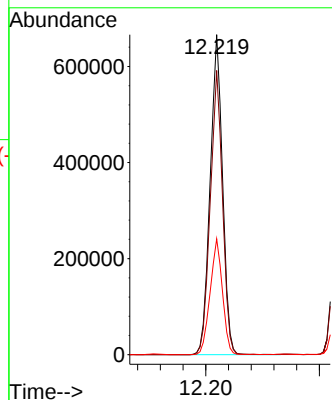
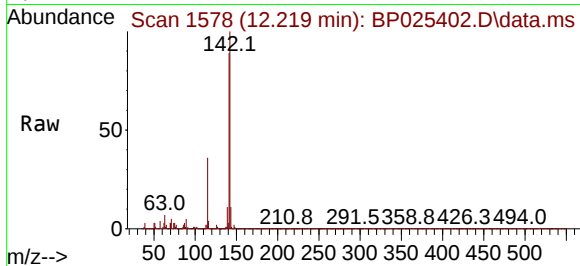




#37
2-Methylnaphthalene
Concen: 45.639 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

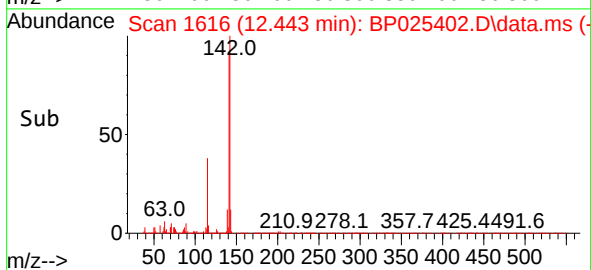
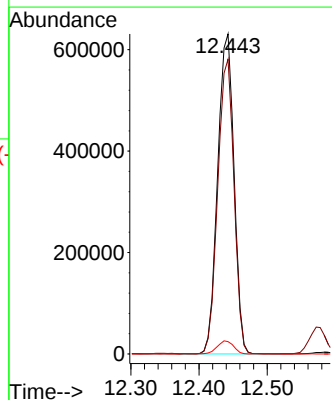
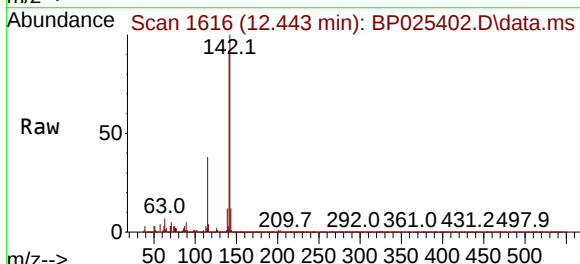
Instrument :
BNA_P
ClientSampleId :
PB169210BS

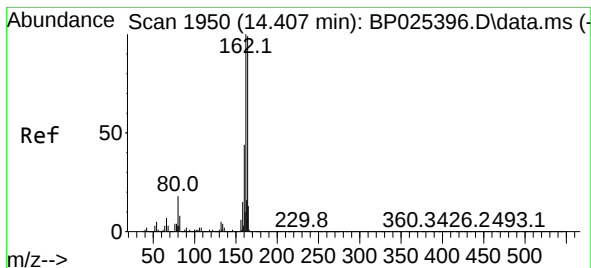
Tgt Ion:142 Resp: 1004265
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5
115 36.2 28.9 43.3



#38
1-Methylnaphthalene
Concen: 44.929 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:142 Resp: 1051392
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.413 min Scan# 1950

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

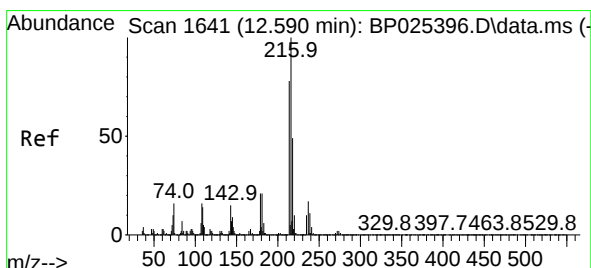
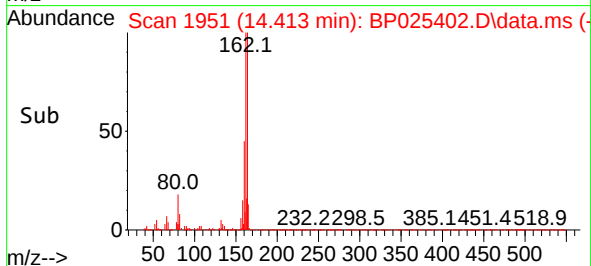
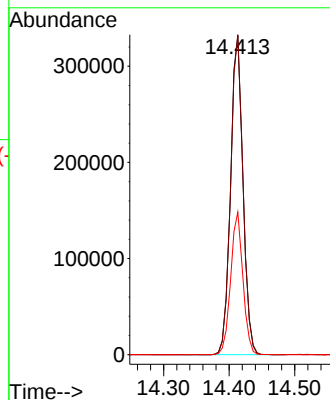
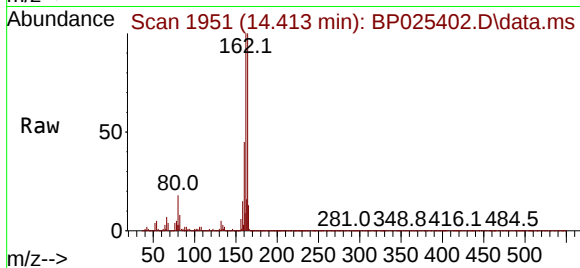
Tgt Ion:164 Resp: 435539

Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.6

160 44.7 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.845 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Tgt Ion:216 Resp: 564099

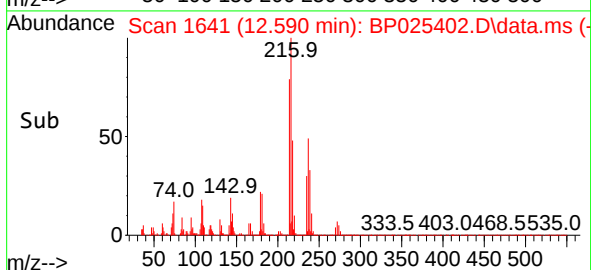
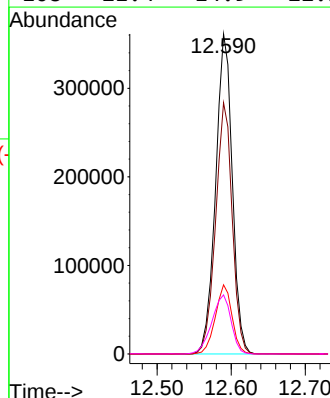
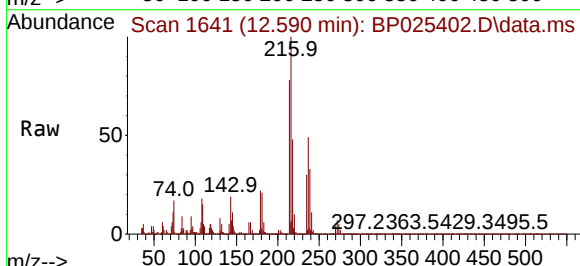
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 21.7 17.1 25.7

108 21.4 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 94.317 ng

RT: 12.578 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

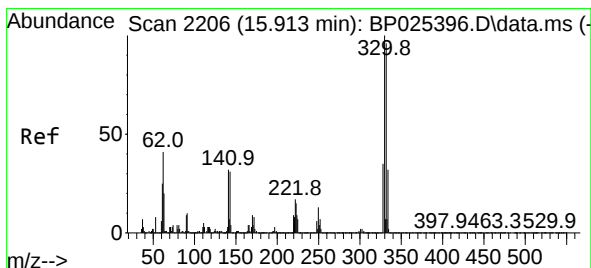
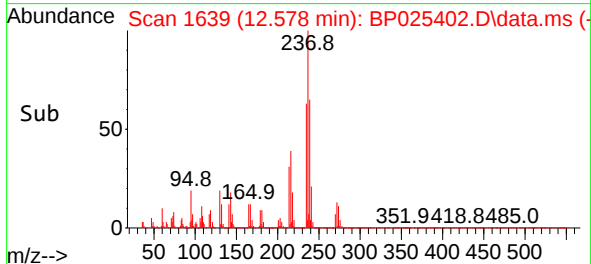
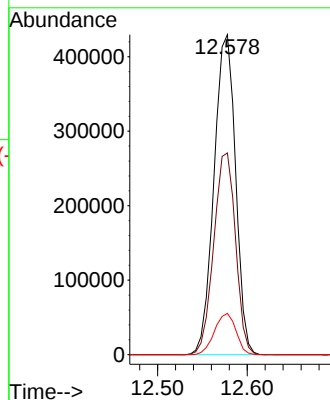
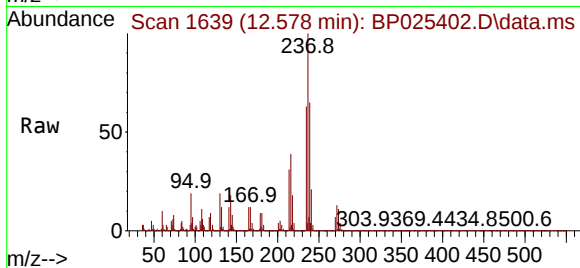
Tgt Ion:237 Resp: 716635

Ion Ratio Lower Upper

237 100

235 63.1 42.7 82.7

272 12.9 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 137.743 ng

RT: 15.919 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

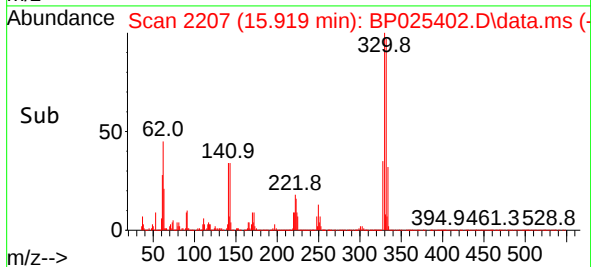
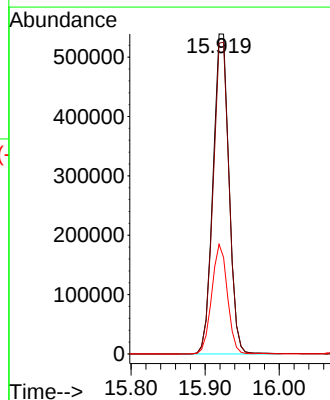
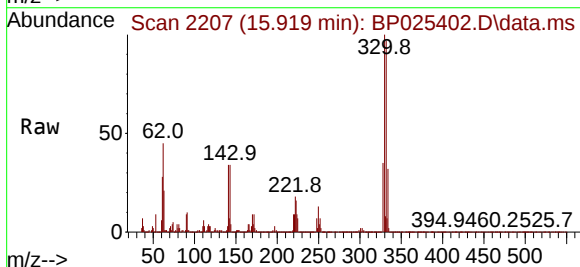
Tgt Ion:330 Resp: 807504

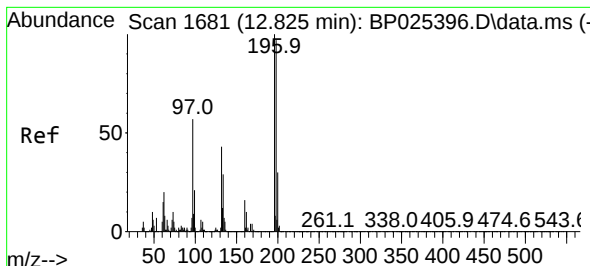
Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 33.6 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 49.564 ng

RT: 12.825 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

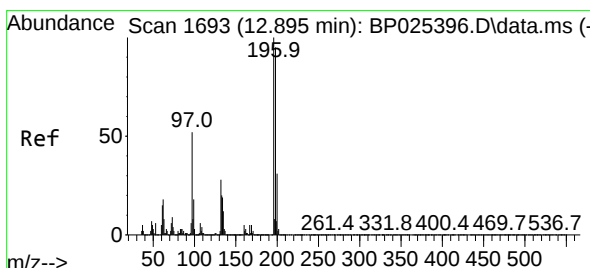
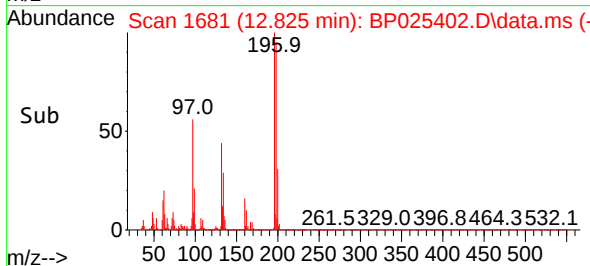
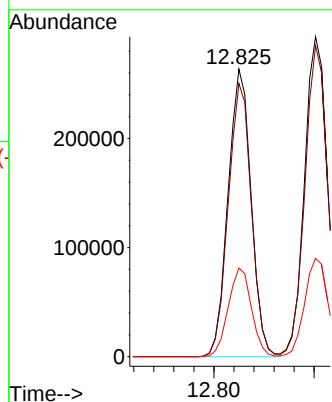
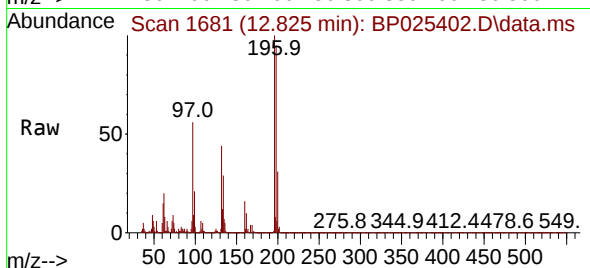
Tgt Ion:196 Resp: 420901

Ion Ratio Lower Upper

196 100

198 95.0 77.2 115.8

200 30.8 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 50.356 ng

RT: 12.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Tgt Ion:196 Resp: 468666

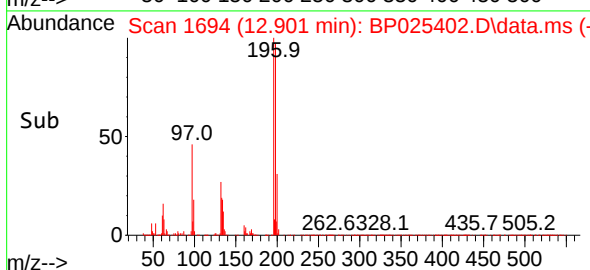
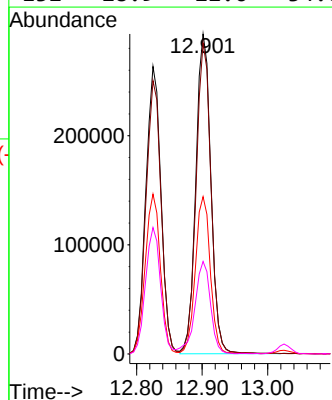
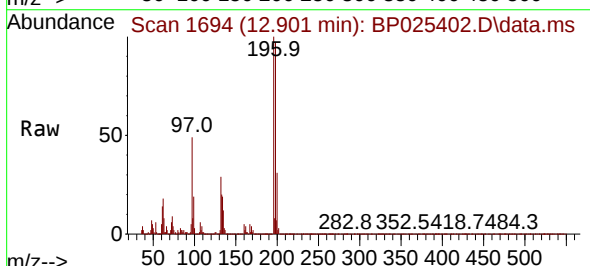
Ion Ratio Lower Upper

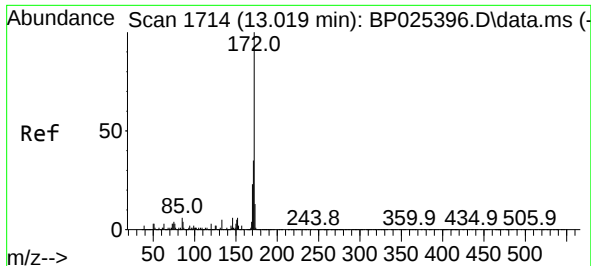
196 100

198 97.2 76.2 114.2

97 49.1 41.2 61.8

132 28.9 22.6 34.0

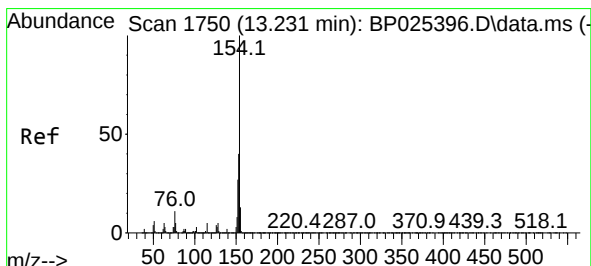
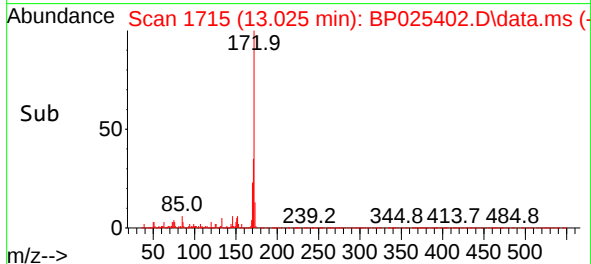
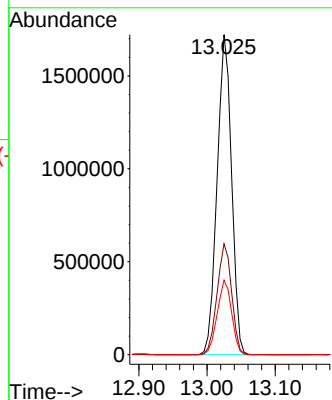
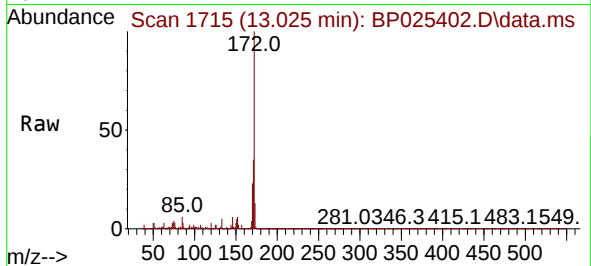




#45
2-Fluorobiphenyl
Concen: 79.667 ng
RT: 13.025 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

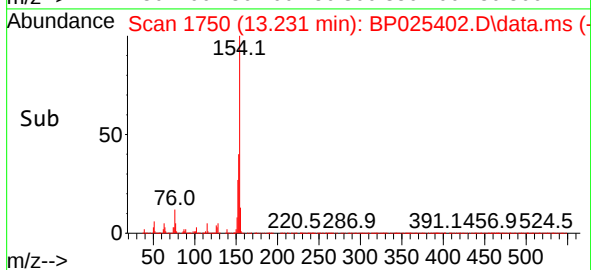
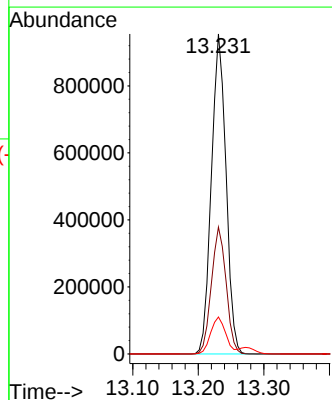
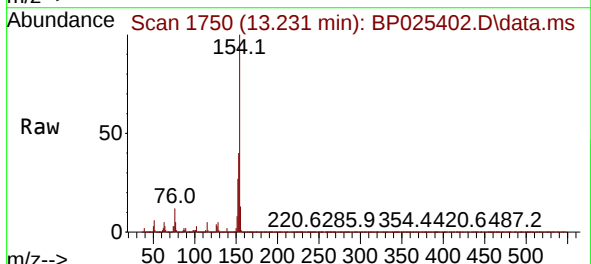
Instrument :
BNA_P
ClientSampleId :
PB169210BS

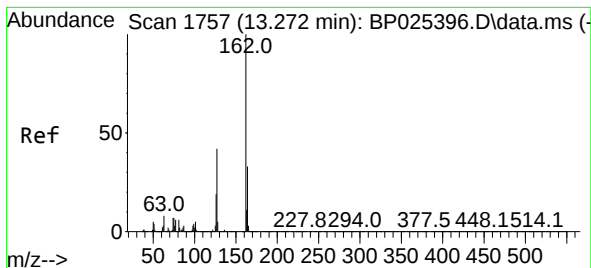
Tgt Ion:172 Resp: 2538853
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 46.689 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:154 Resp: 1476847
Ion Ratio Lower Upper
154 100
153 39.7 19.5 59.5
76 11.5 0.0 31.1

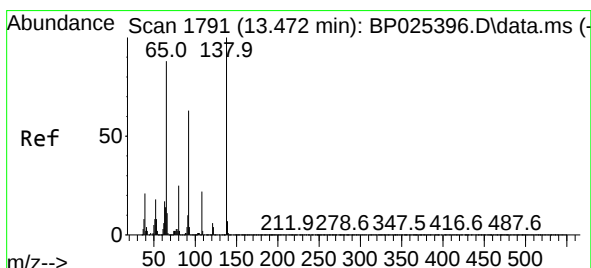
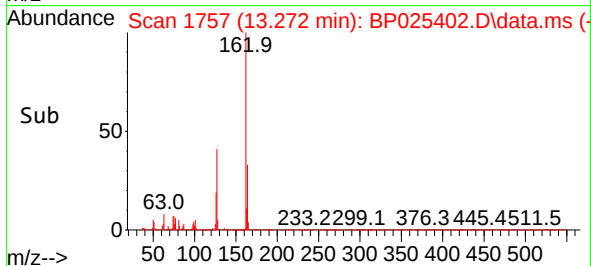
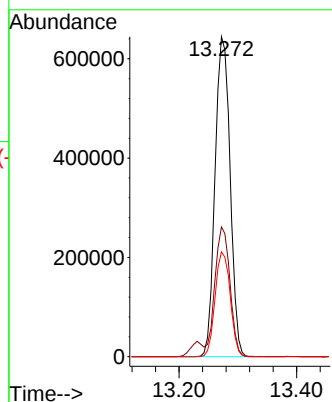
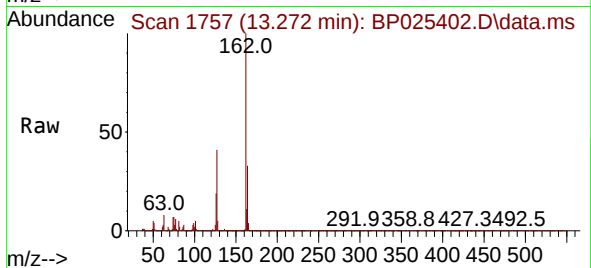




#47
2-Chloronaphthalene
Concen: 46.544 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

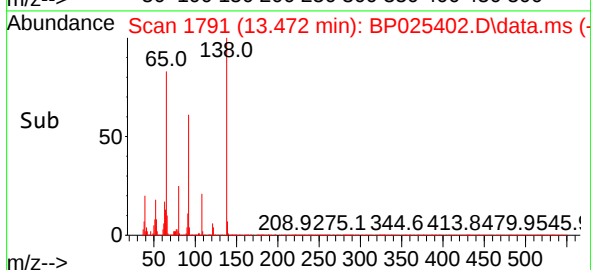
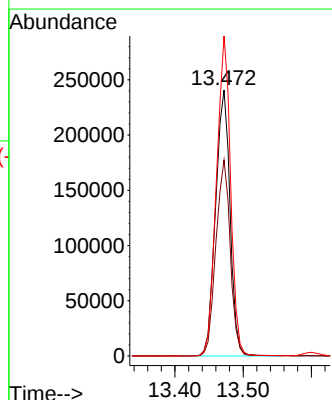
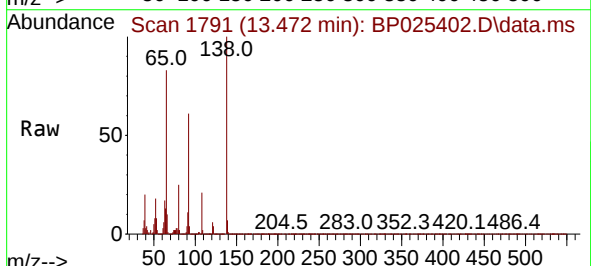
Instrument :
BNA_P
ClientSampleId :
PB169210BS

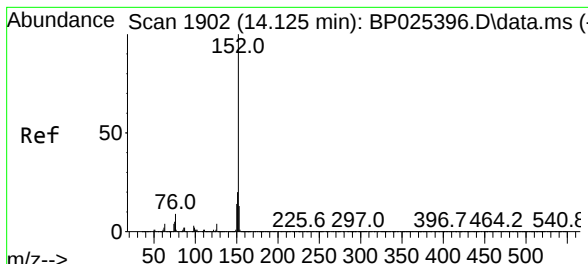
Tgt Ion:162 Resp: 1146132
Ion Ratio Lower Upper
162 100
127 40.6 33.4 50.2
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 49.489 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 65 Resp: 355089
Ion Ratio Lower Upper
65 100
92 73.7 57.6 86.4
138 120.3 91.0 136.6



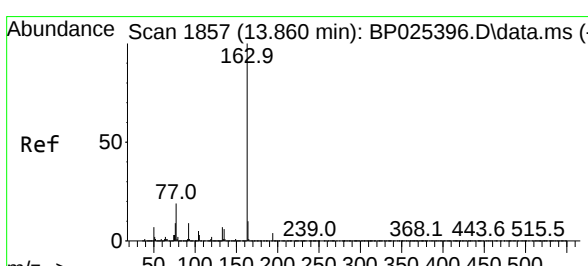
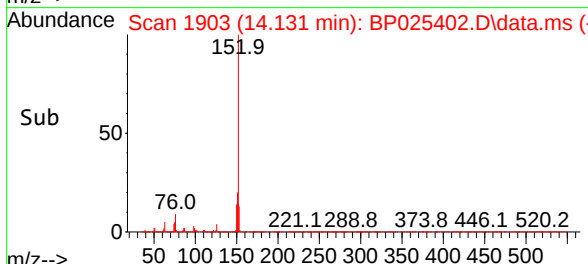
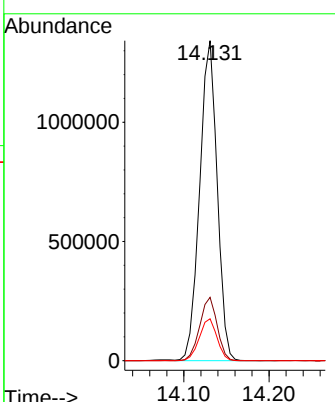
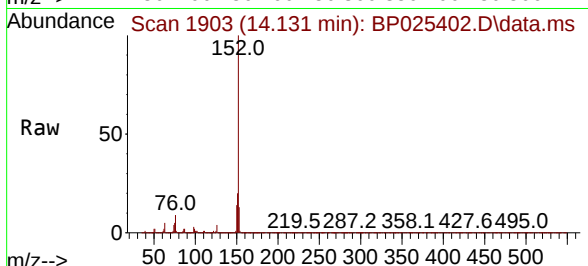


#49
 Acenaphthylene
 Concen: 46.883 ng
 RT: 14.131 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: BP025402.D
 Acq: 14 Aug 2025 20:10

Instrument : BNA_P
 ClientSampleId : PB169210BS

Tgt Ion:152 Resp: 1910326

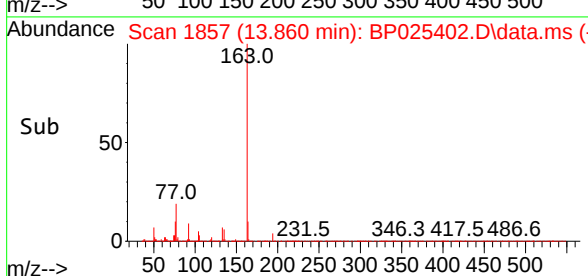
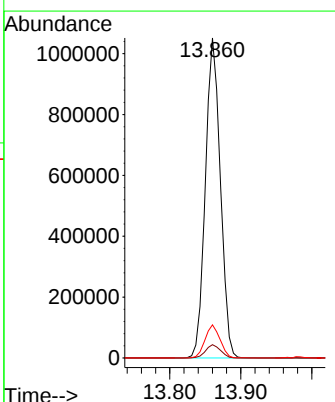
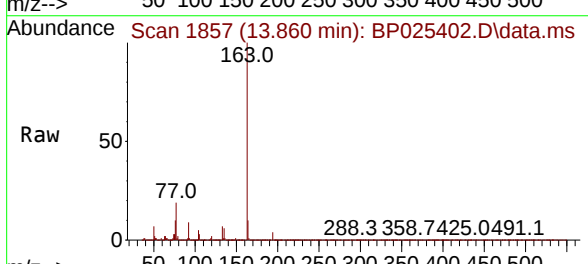
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.1	10.6	15.8

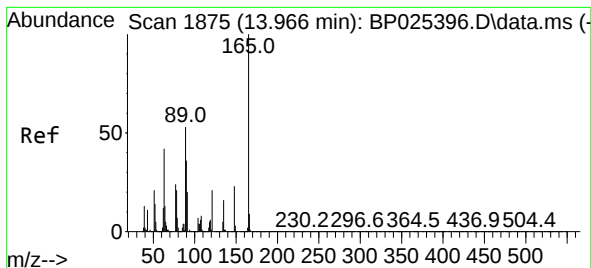


#50
 Dimethylphthalate
 Concen: 48.314 ng
 RT: 13.860 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: BP025402.D
 Acq: 14 Aug 2025 20:10

Tgt Ion:163 Resp: 1540919

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.4	7.9	11.9

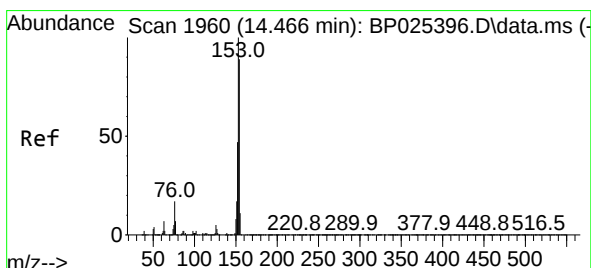
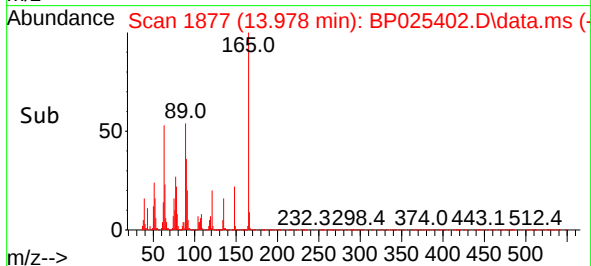
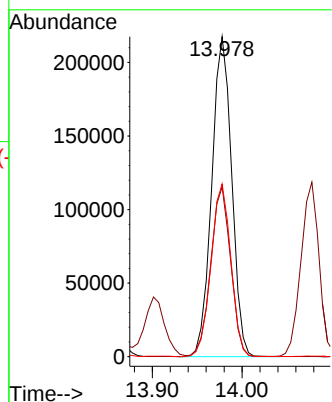
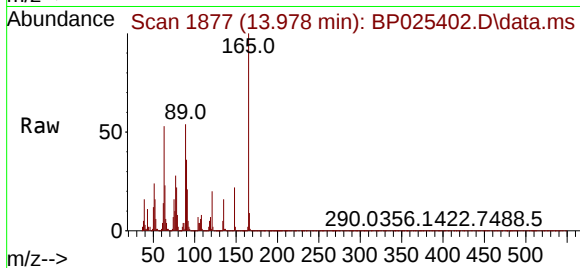




#51
2,6-Dinitrotoluene
Concen: 49.911 ng
RT: 13.978 min Scan# 1875
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

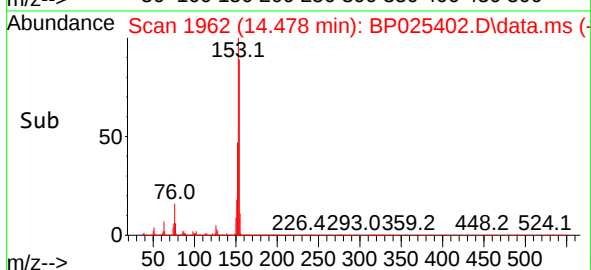
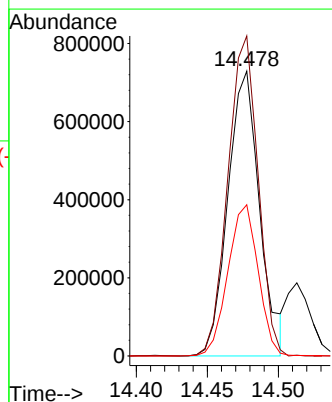
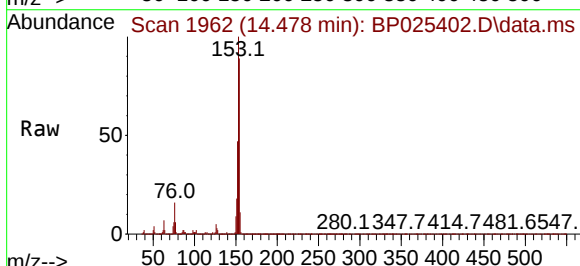
Instrument :
BNA_P
ClientSampleId :
PB169210BS

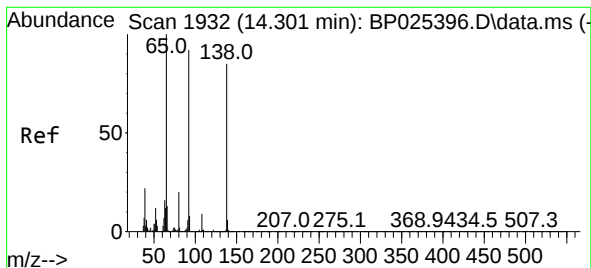
Tgt Ion:165 Resp: 335519
Ion Ratio Lower Upper
165 100
63 53.0 40.9 61.3
89 54.0 42.1 63.1



#52
Acenaphthene
Concen: 47.334 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:154 Resp: 1132105
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.2
152 53.1 42.1 63.1

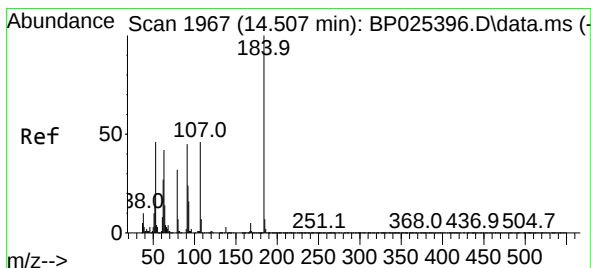
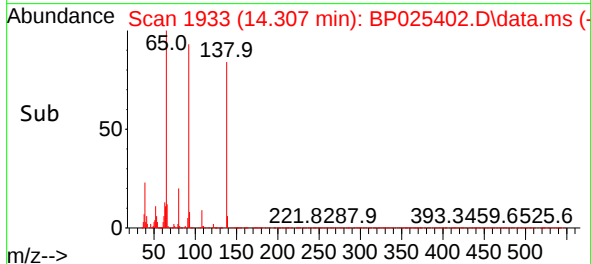
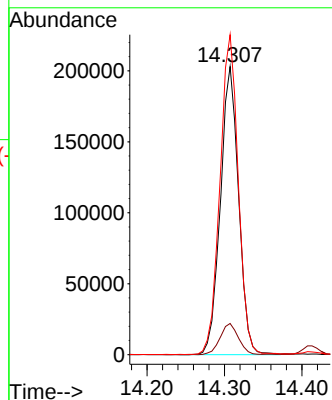
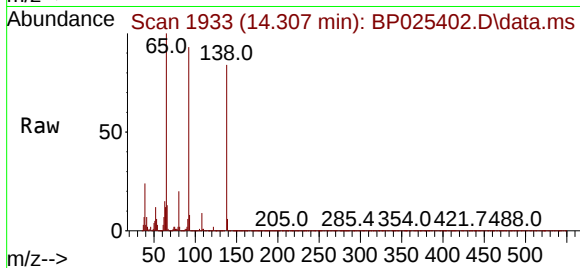




#53
3-Nitroaniline
Concen: 43.858 ng
RT: 14.307 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

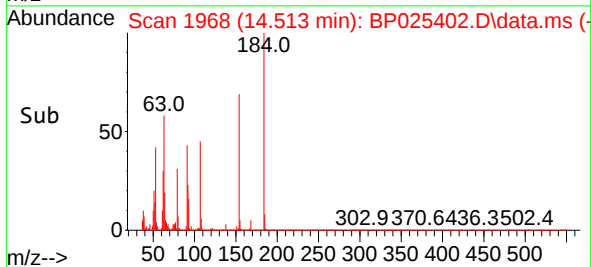
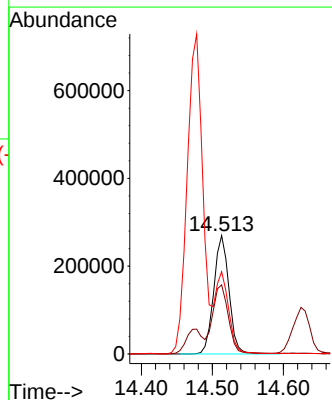
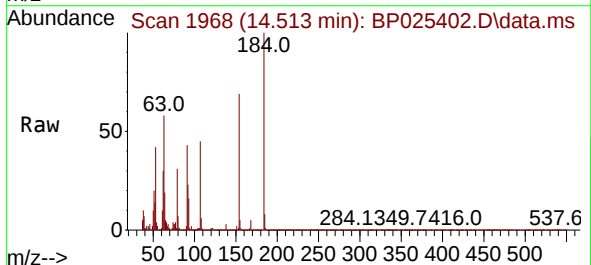
Instrument :
BNA_P
ClientSampleId :
PB169210BS

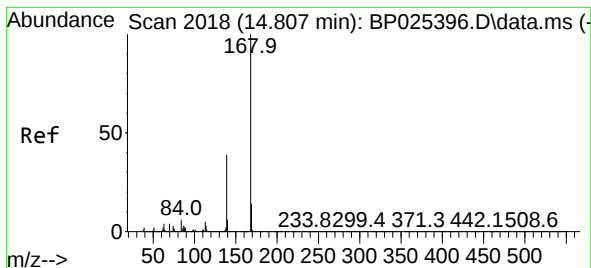
Tgt Ion:138 Resp: 331713
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 111.1 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 111.865 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:184 Resp: 401585
Ion Ratio Lower Upper
184 100
63 58.4 49.4 74.2
154 69.4 54.6 82.0

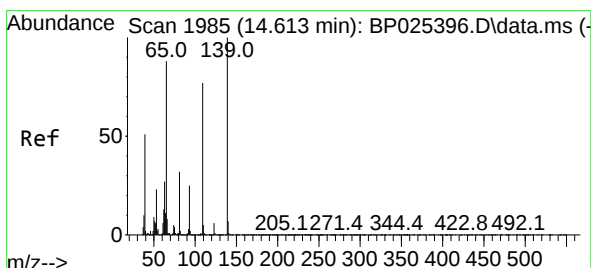
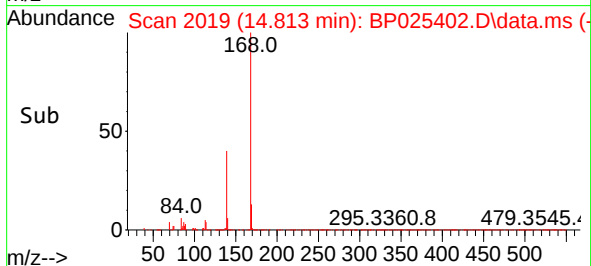
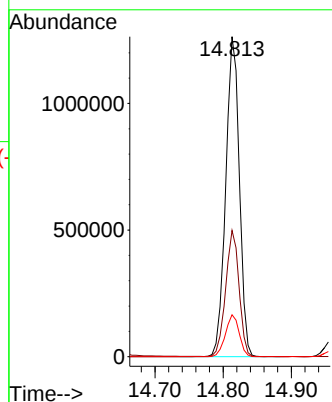
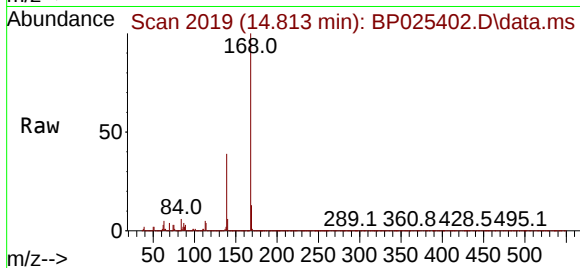




#55
Dibenzofuran
Concen: 46.470 ng
RT: 14.813 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

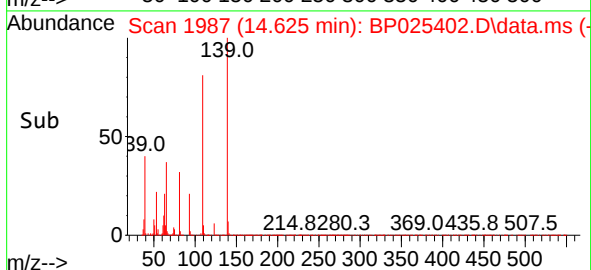
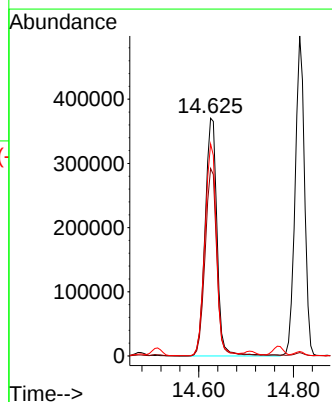
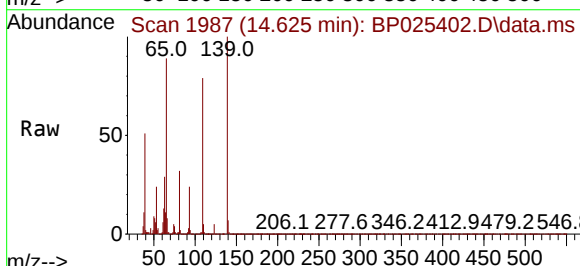
Instrument :
BNA_P
ClientSampleId :
PB169210BS

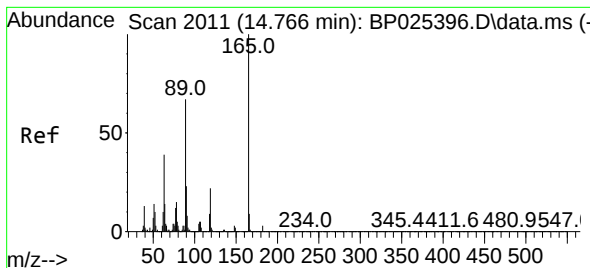
Tgt Ion:168 Resp: 1757203
Ion Ratio Lower Upper
168 100
139 39.5 31.5 47.3
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 104.294 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:139 Resp: 648186
Ion Ratio Lower Upper
139 100
109 78.9 56.6 96.6
65 89.2 68.2 108.2

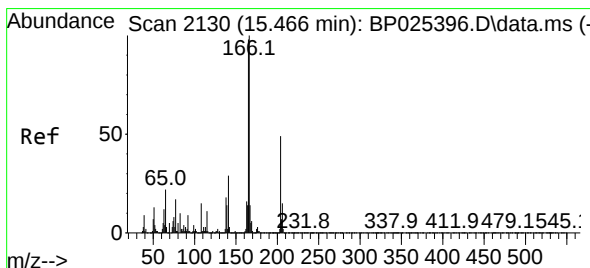
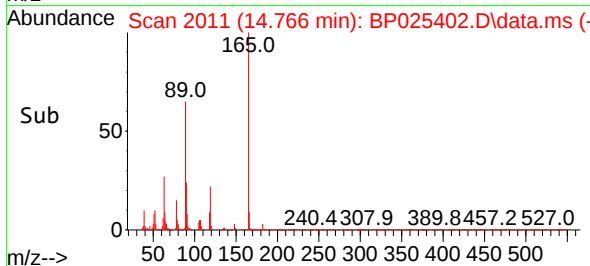
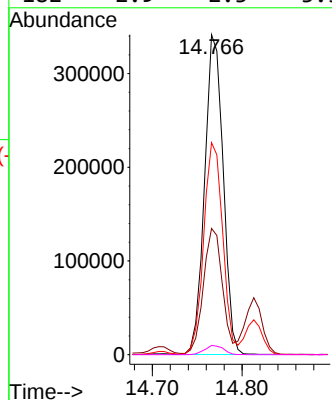
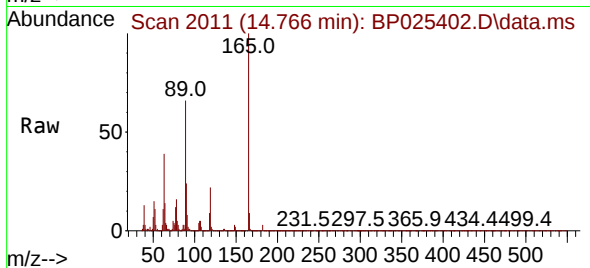




#57
2,4-Dinitrotoluene
Concen: 51.219 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

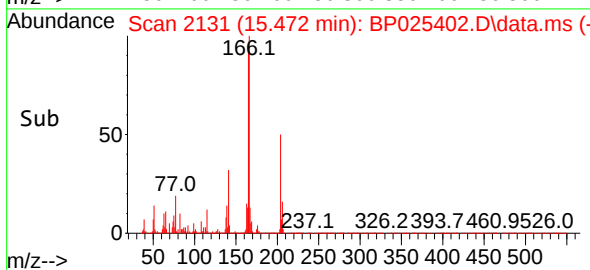
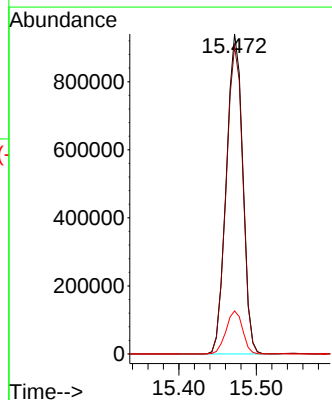
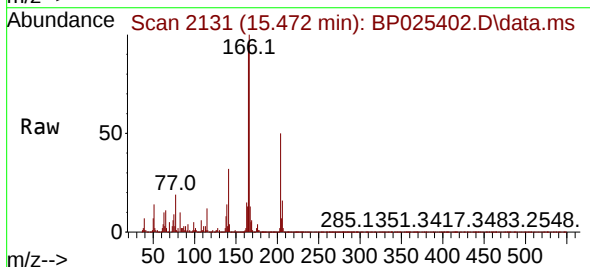
Instrument :
BNA_P
ClientSampleId :
PB169210BS

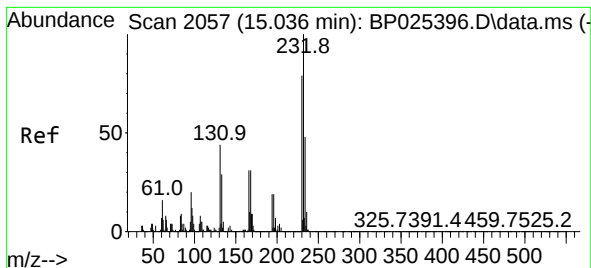
Tgt Ion:	165	Resp:	491249
Ion	Ratio	Lower	Upper
165	100		
63	39.4	31.4	47.2
89	66.3	53.3	79.9
182	2.9	2.3	3.5



#58
Fluorene
Concen: 46.525 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:	166	Resp:	1388189
Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.8	118.2
167	13.4	11.0	16.4

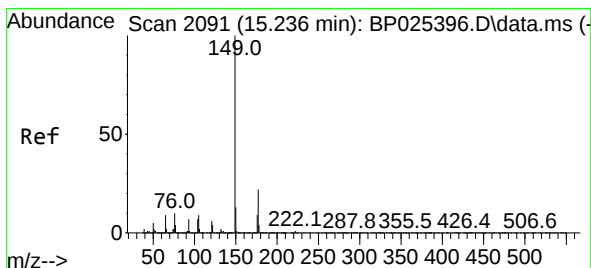
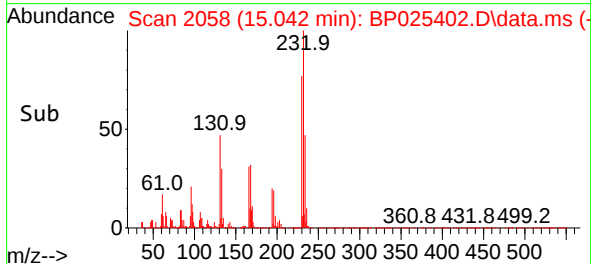
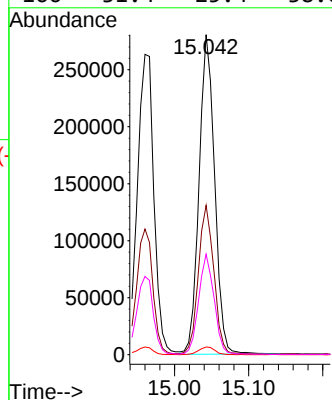
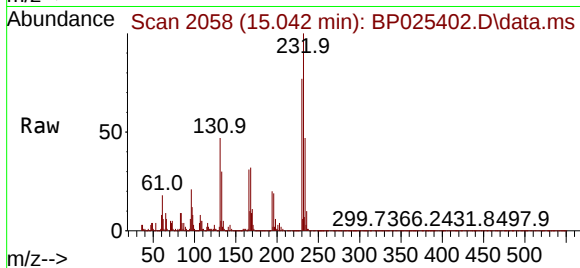




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.740 ng
RT: 15.042 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

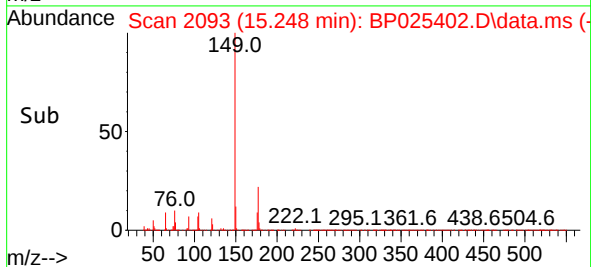
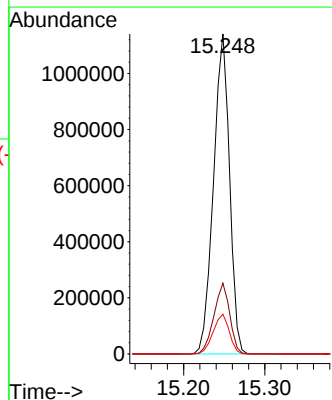
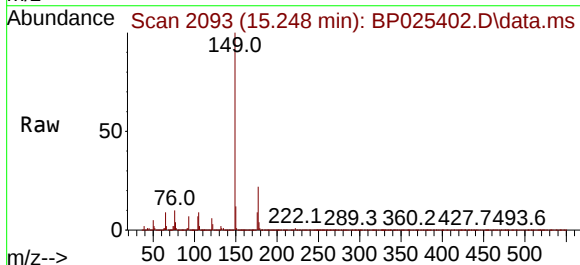
Instrument :
BNA_P
ClientSampleId :
PB169210BS

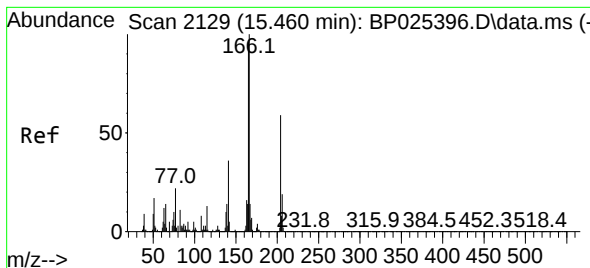
Tgt Ion:232 Resp: 408762
Ion Ratio Lower Upper
232 100
131 46.7 37.0 55.6
130 2.5 1.9 2.9
166 31.4 25.4 38.0



#60
Diethylphthalate
Concen: 48.233 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:149 Resp: 1563135
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 12.4 10.3 15.5

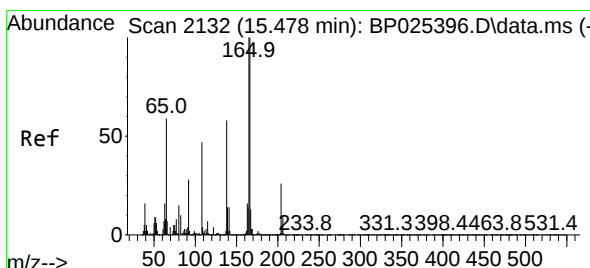
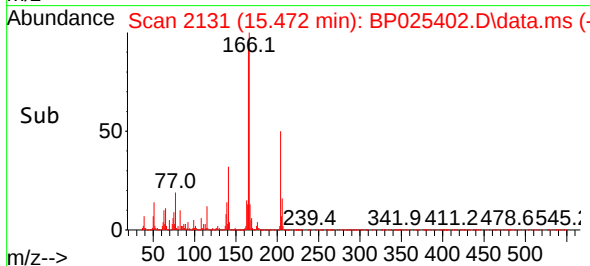
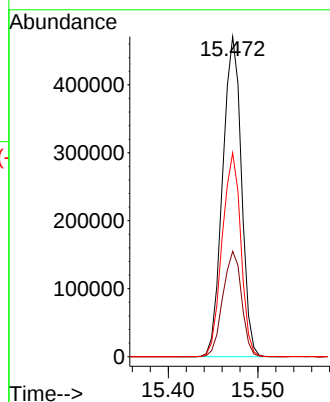
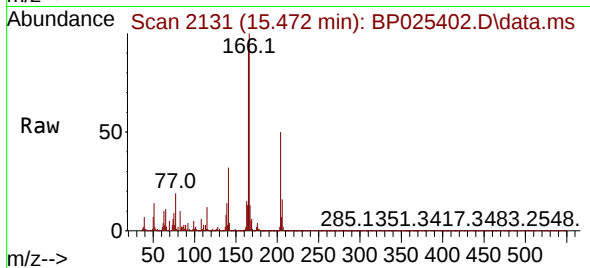




#61
4-Chlorophenyl-phenylether
Concen: 46.075 ng
RT: 15.472 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

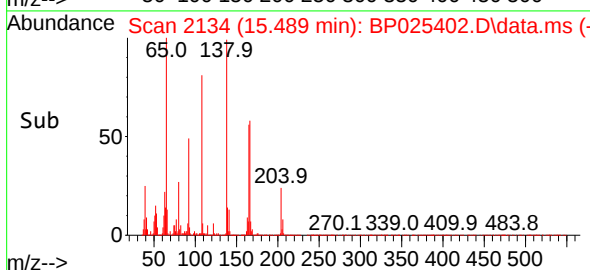
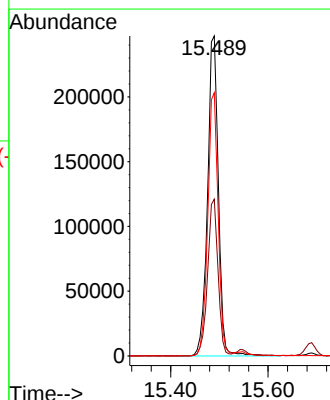
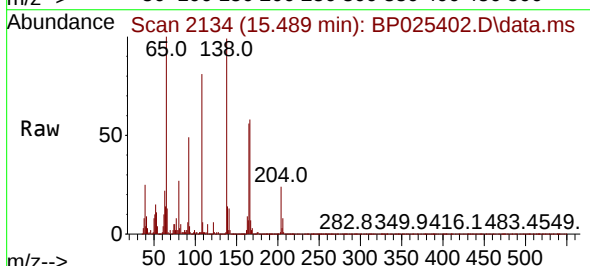
Instrument :
BNA_P
ClientSampleId :
PB169210BS

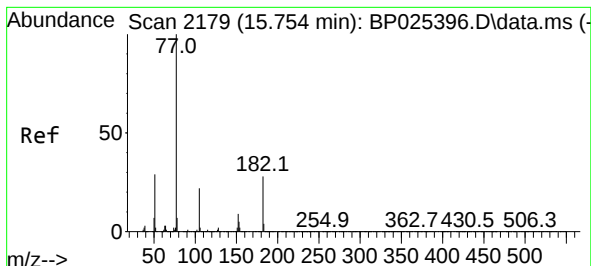
Tgt Ion:204 Resp: 683735
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.8
141 63.7 49.4 74.2



#62
4-Nitroaniline
Concen: 49.072 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:138 Resp: 380486
Ion Ratio Lower Upper
138 100
92 49.0 29.1 69.1
108 82.2 61.5 101.5





#63

Azobenzene

Concen: 48.409 ng

RT: 15.772 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion: 77 Resp: 1343333

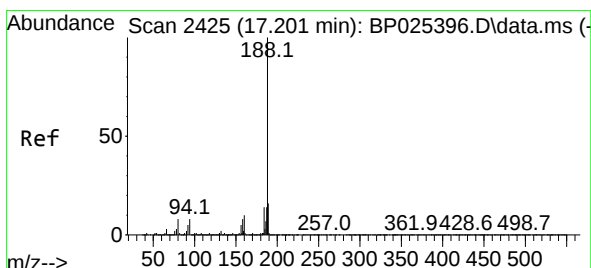
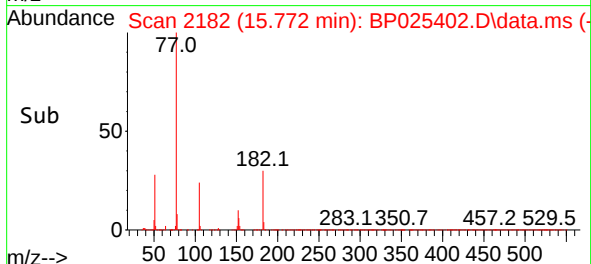
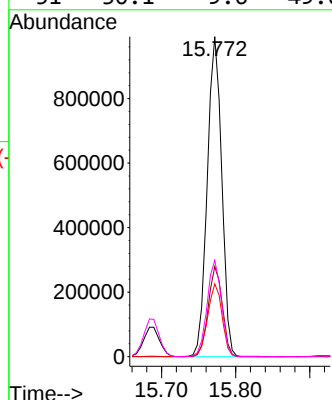
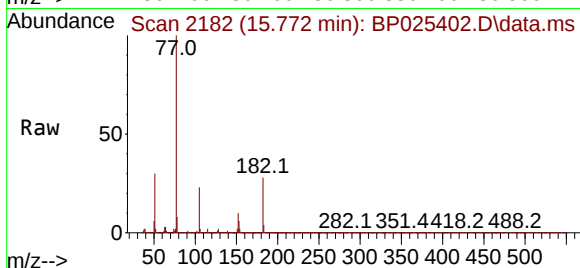
Ion Ratio Lower Upper

77 100

182 28.1 7.5 47.5

105 22.8 2.1 42.1

51 30.1 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

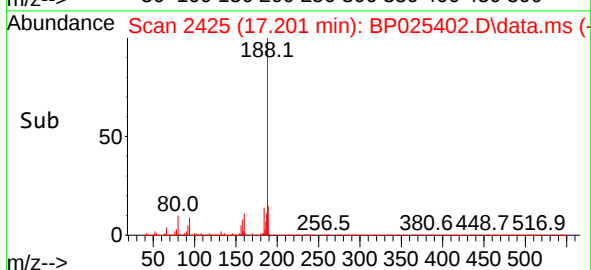
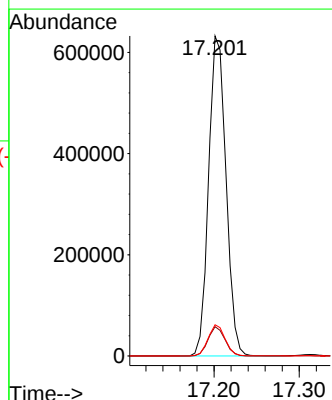
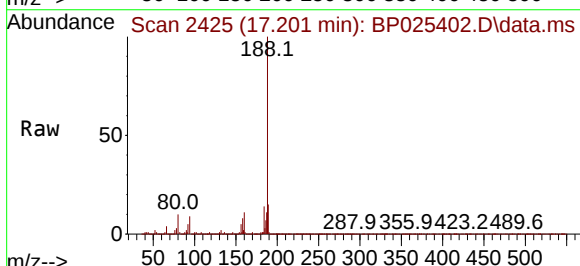
Tgt Ion:188 Resp: 895607

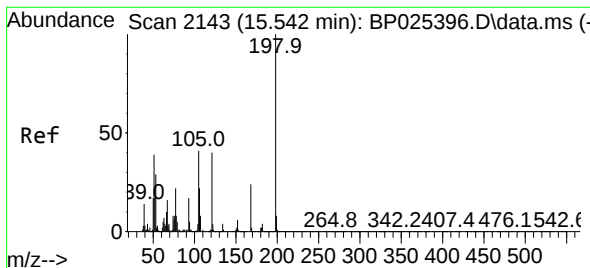
Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 9.8 6.7 10.1

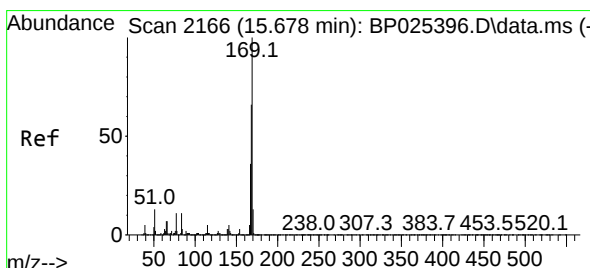
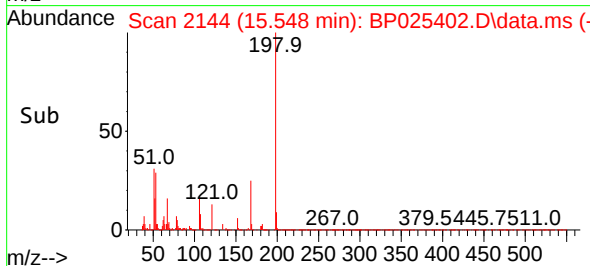
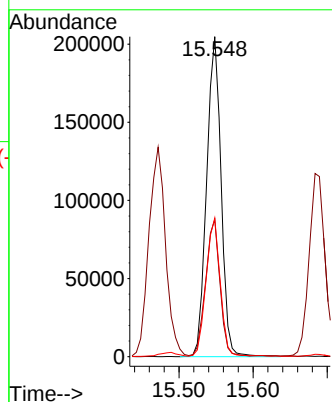
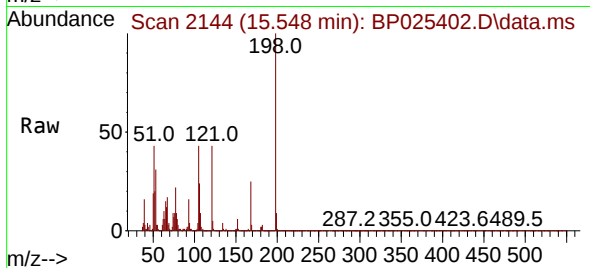




#65
4,6-Dinitro-2-methylphenol
Concen: 49.788 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

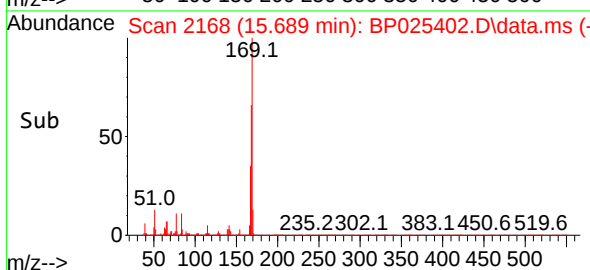
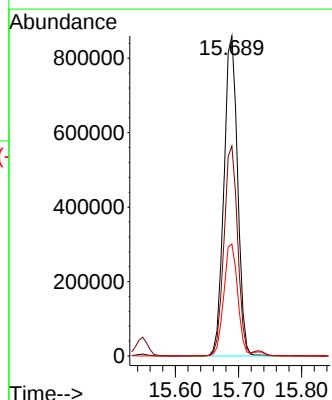
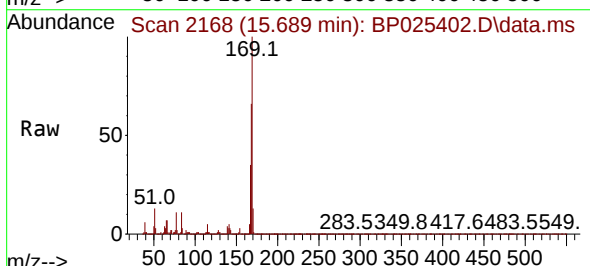
Instrument :
BNA_P
ClientSampleId :
PB169210BS

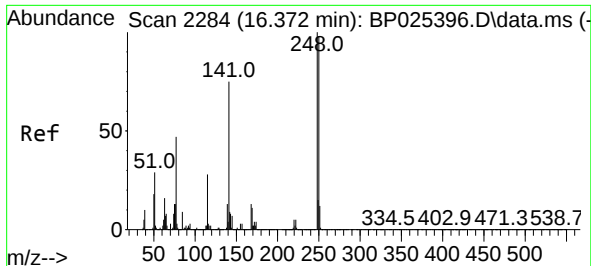
Tgt Ion:198 Resp: 277954
Ion Ratio Lower Upper
198 100
51 42.8 19.6 59.6
105 43.3 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 47.265 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:169 Resp: 1290834
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 35.0 28.7 43.1

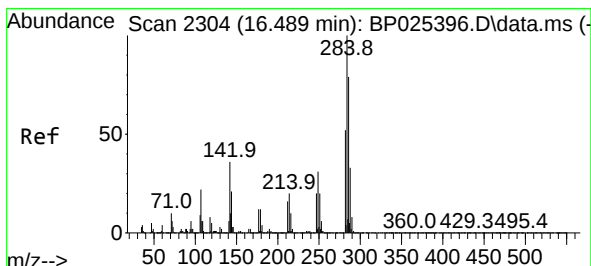
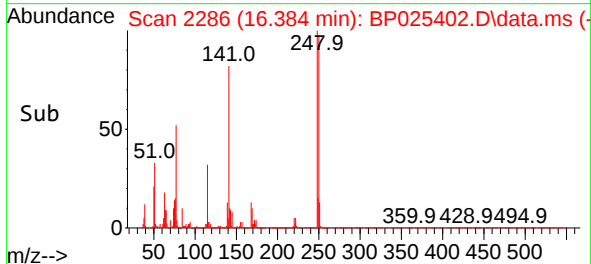
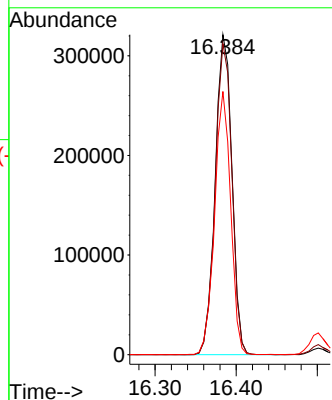
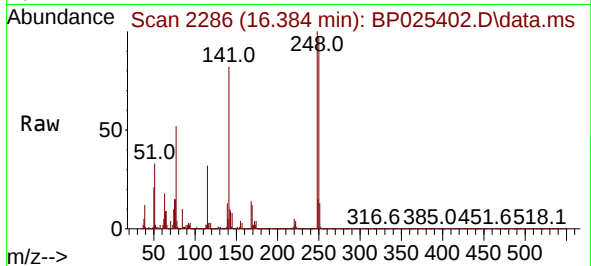




#67
4-Bromophenyl-phenylether
Concen: 46.761 ng
RT: 16.384 min Scan# 210
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

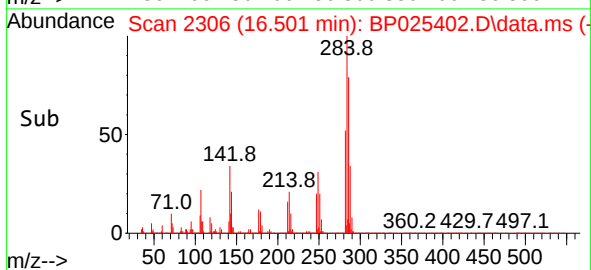
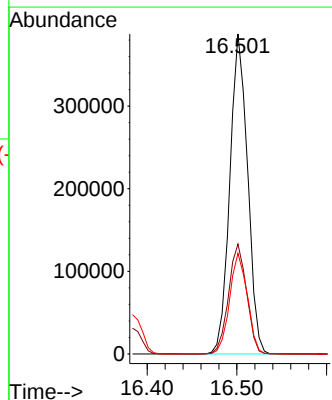
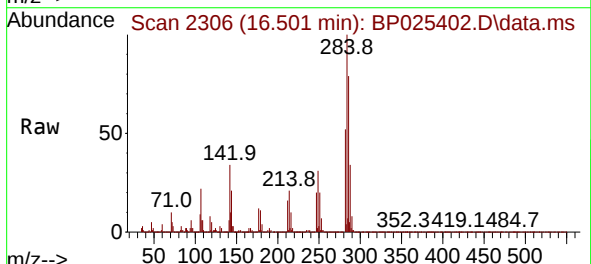
Instrument :
BNA_P
ClientSampleId :
PB169210BS

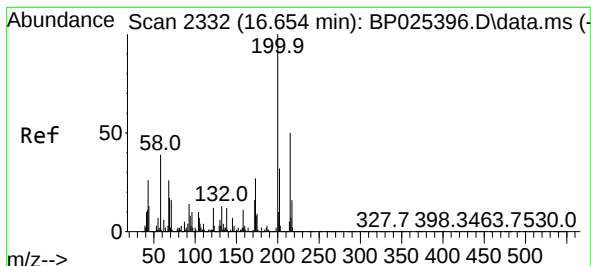
Tgt Ion:248 Resp: 460600
Ion Ratio Lower Upper
248 100
250 97.2 78.2 117.2
141 82.2 59.6 89.4



#68
Hexachlorobenzene
Concen: 46.564 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:284 Resp: 531682
Ion Ratio Lower Upper
284 100
142 34.4 29.1 43.7
249 31.5 25.0 37.4





#69

Atrazine

Concen: 48.184 ng

RT: 16.660 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

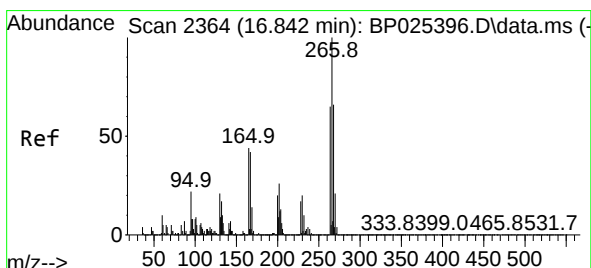
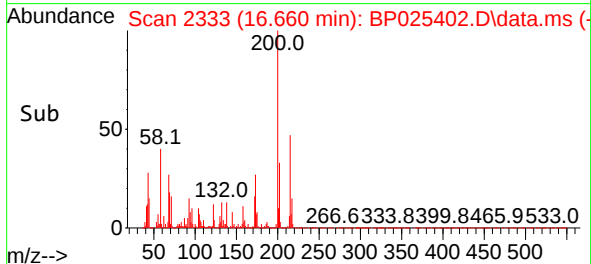
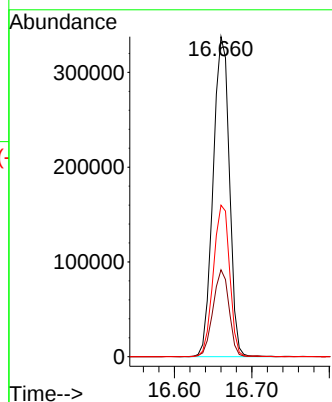
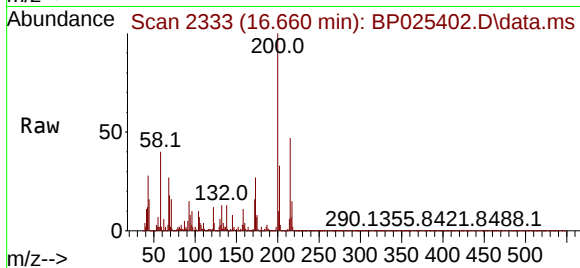
Tgt Ion:200 Resp: 492822

Ion Ratio Lower Upper

200 100

173 27.1 6.7 46.7

215 47.3 29.7 69.7



#70

Pentachlorophenol

Concen: 97.234 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

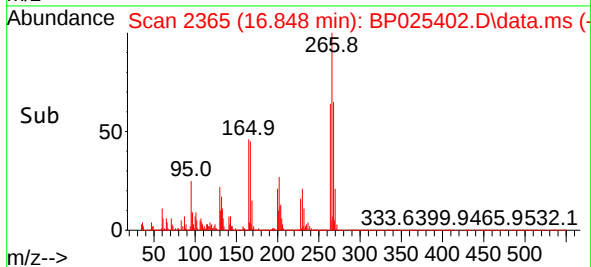
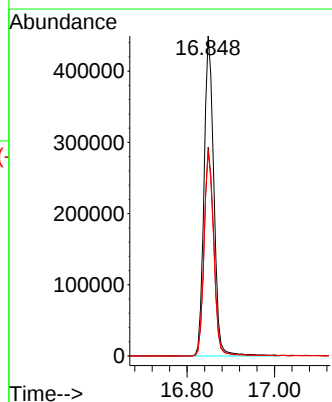
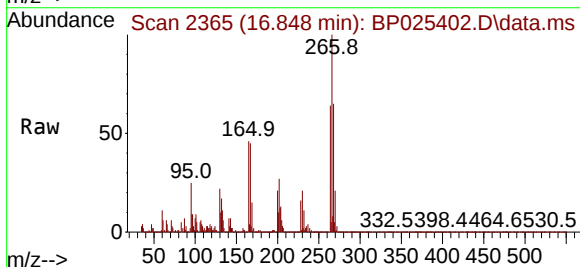
Tgt Ion:266 Resp: 700841

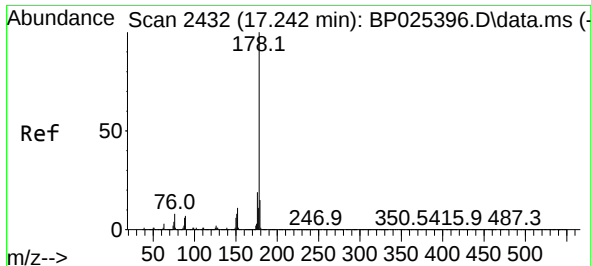
Ion Ratio Lower Upper

266 100

268 65.2 52.6 79.0

264 64.0 52.0 78.0

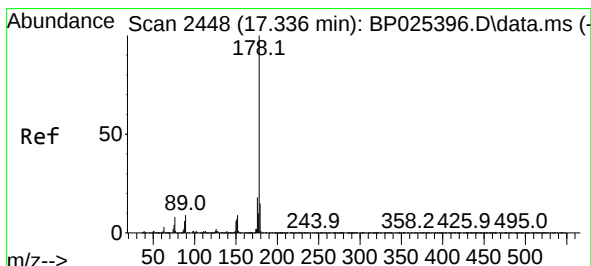
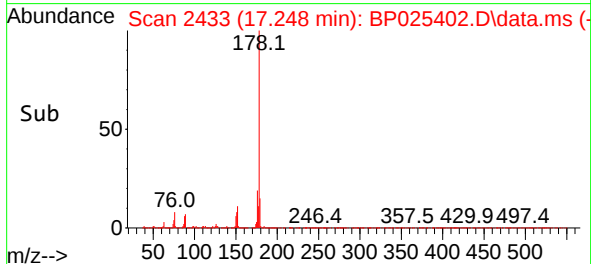
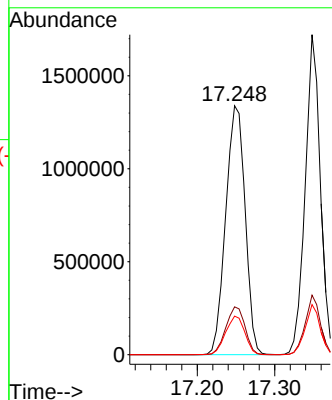
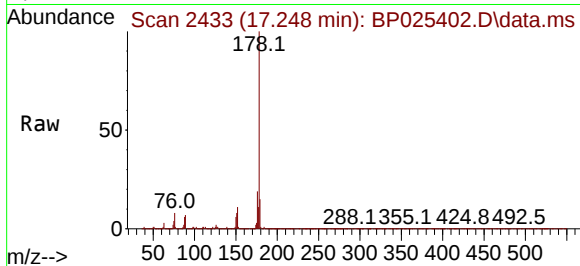




#71
Phenanthrene
Concen: 47.481 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

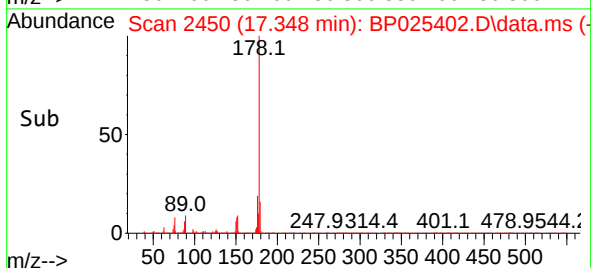
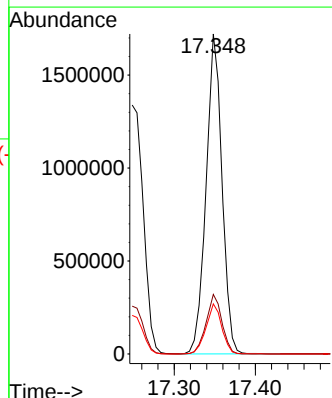
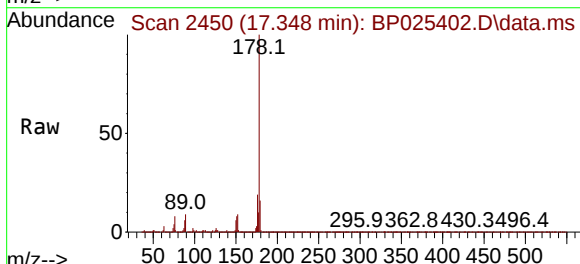
Instrument :
BNA_P
ClientSampleId :
PB169210BS

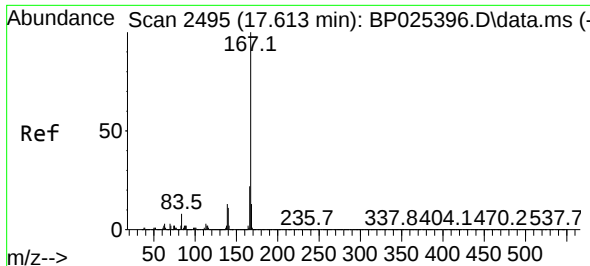
Tgt Ion:178 Resp: 2335980
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.2 18.4



#72
Anthracene
Concen: 46.547 ng
RT: 17.348 min Scan# 2450
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:178 Resp: 2338590
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.7 12.2 18.2

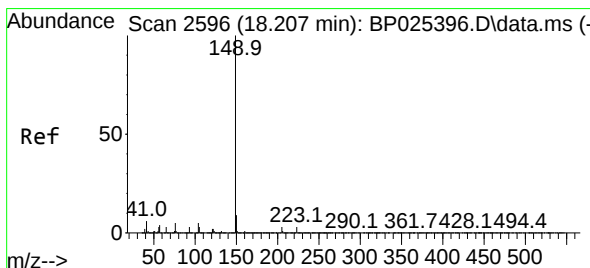
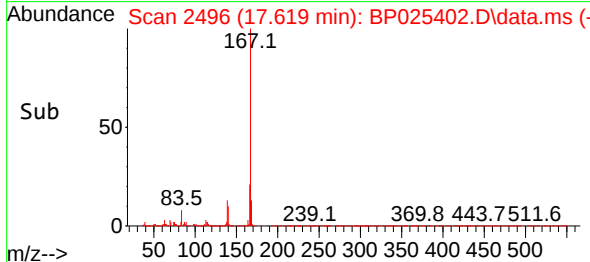
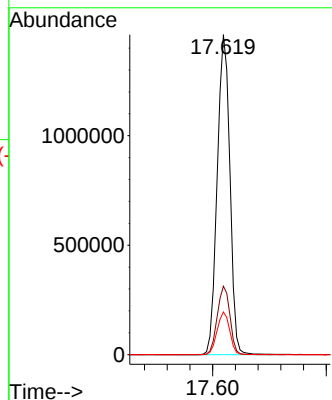
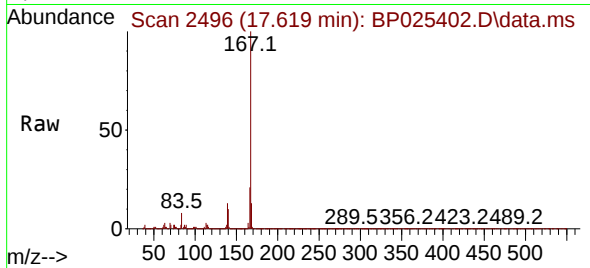




#73
 Carbazole
 Concen: 47.640 ng
 RT: 17.619 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BP025402.D
 Acq: 14 Aug 2025 20:10

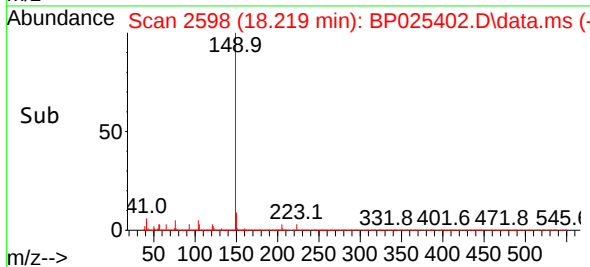
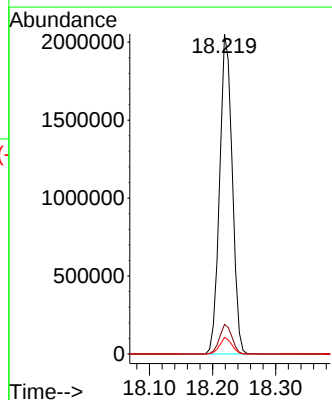
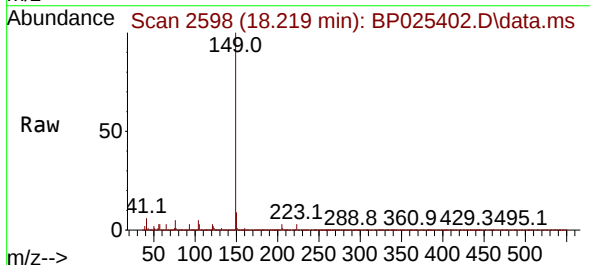
Instrument :
 BNA_P
 ClientSampleId :
 PB169210BS

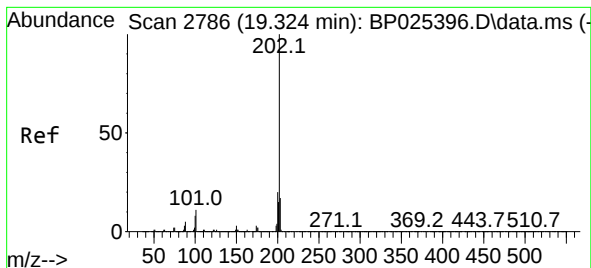
Tgt Ion:167 Resp: 2254500
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 48.957 ng
 RT: 18.219 min Scan# 2598
 Delta R.T. 0.012 min
 Lab File: BP025402.D
 Acq: 14 Aug 2025 20:10

Tgt Ion:149 Resp: 2850461
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 47.188 ng

RT: 19.336 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

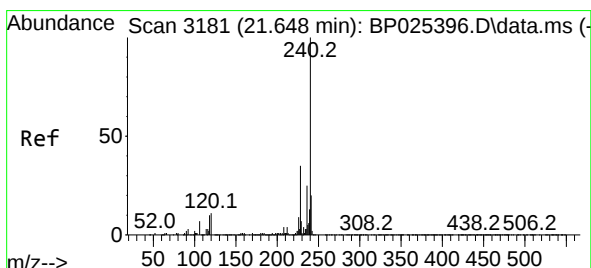
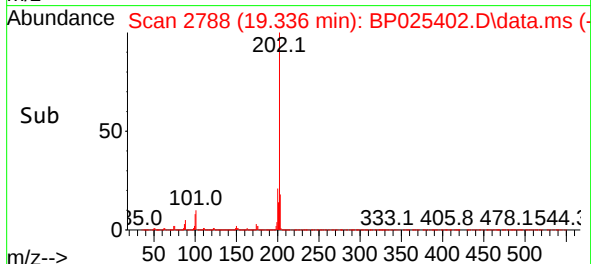
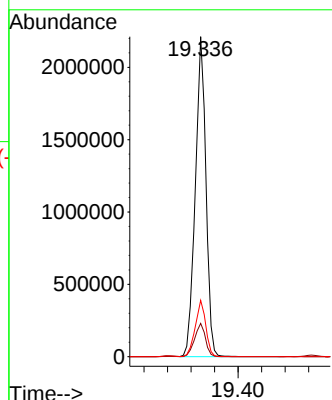
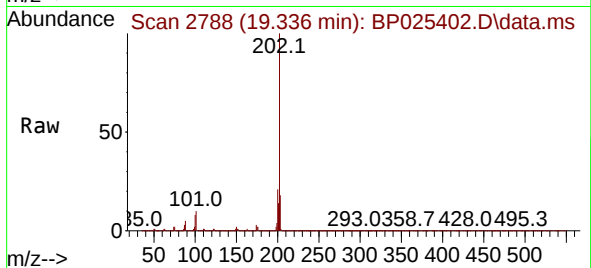
Tgt Ion:202 Resp: 2769236

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.1

203 17.6 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: BP025402.D

Acq: 14 Aug 2025 20:10

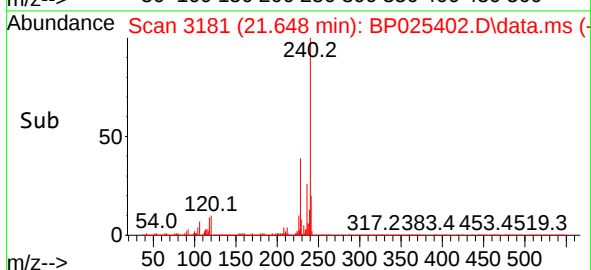
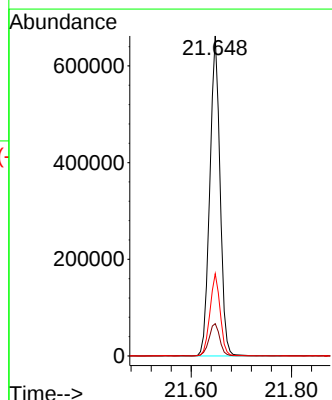
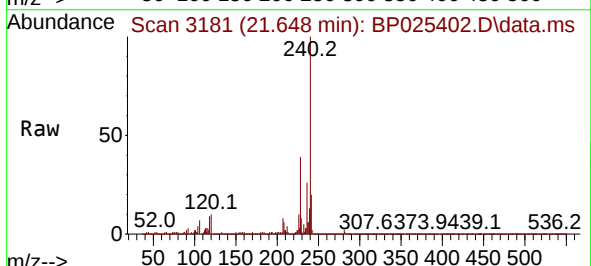
Tgt Ion:240 Resp: 937531

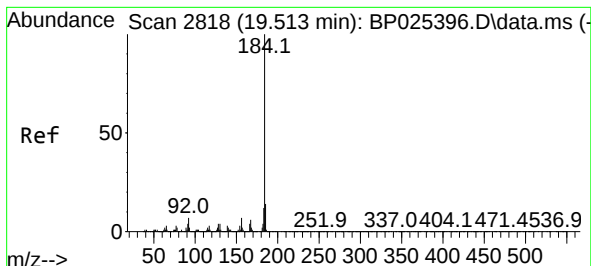
Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 25.7 19.8 29.8





#77

Benzidine

Concen: 63.593 ng

RT: 19.525 min Scan# 2818

Delta R.T. 0.012 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

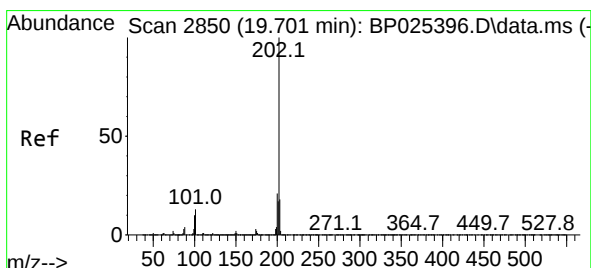
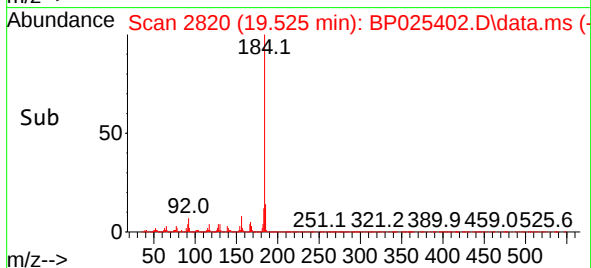
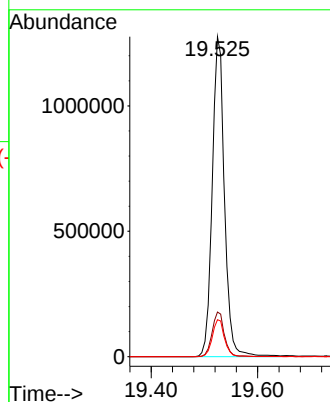
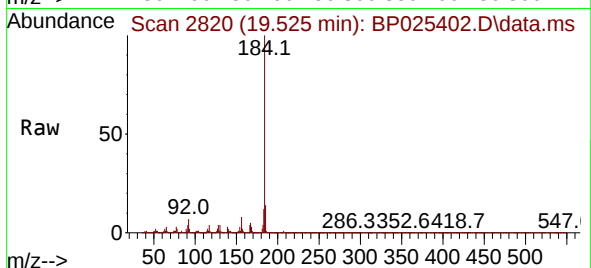
Tgt Ion:184 Resp: 2034719

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.5 9.4 14.2



#78

Pyrene

Concen: 46.748 ng

RT: 19.713 min Scan# 2852

Delta R.T. 0.012 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

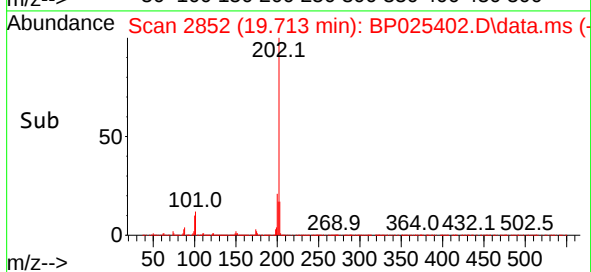
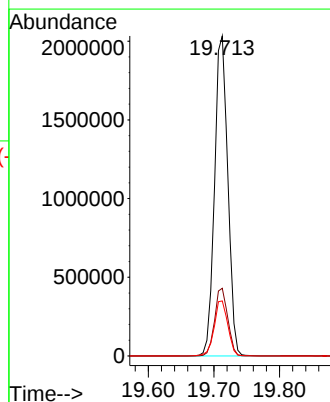
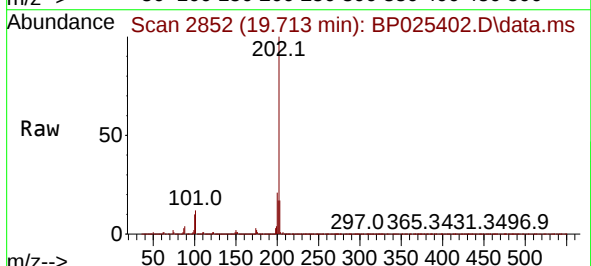
Tgt Ion:202 Resp: 2848697

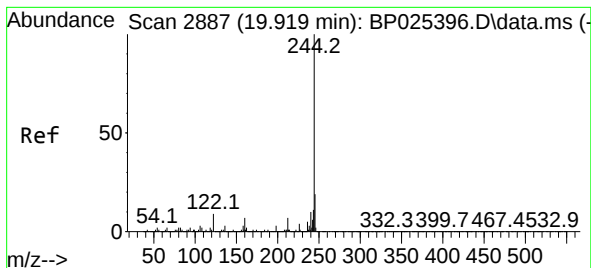
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 83.062 ng

RT: 19.942 min Scan# 2891

Delta R.T. 0.024 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

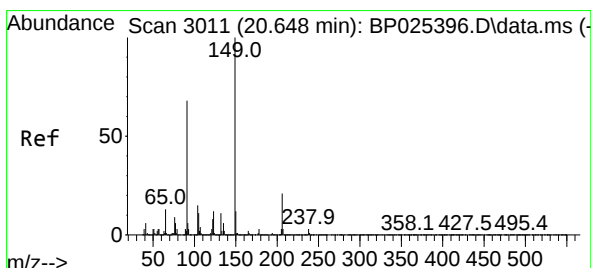
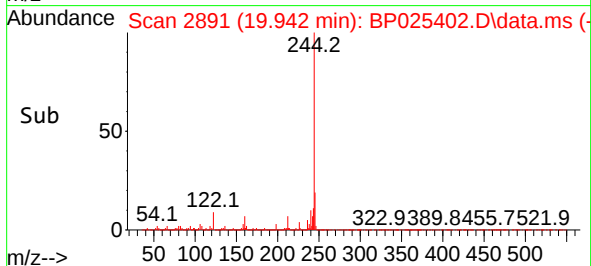
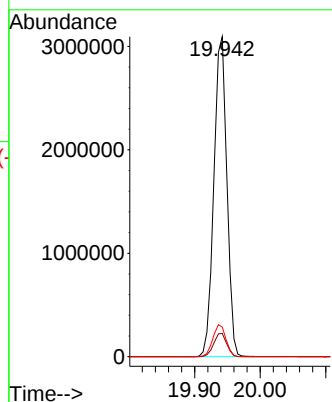
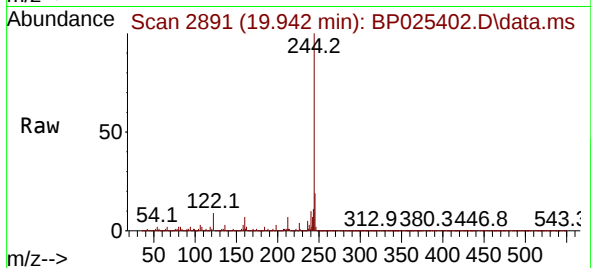
Tgt Ion:244 Resp: 4256352

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.2 7.4 11.2



#80

Butylbenzylphthalate

Concen: 48.894 ng

RT: 20.666 min Scan# 3014

Delta R.T. 0.018 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

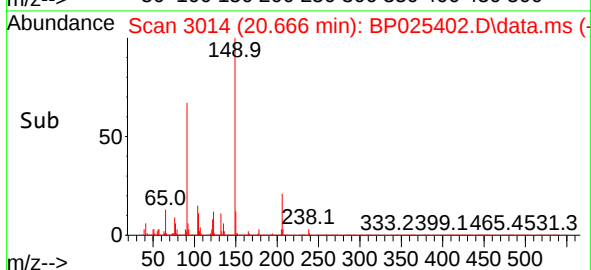
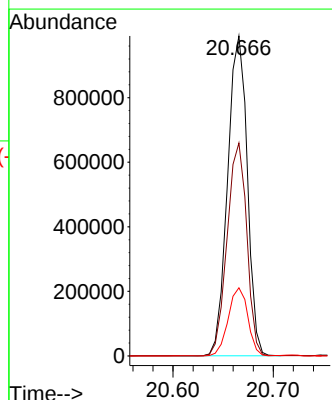
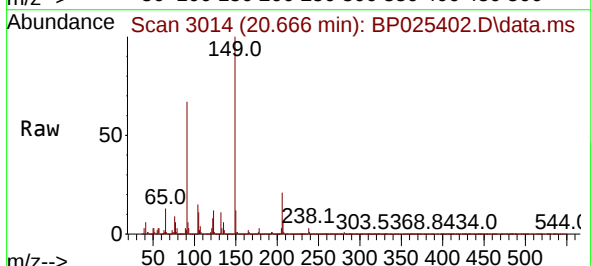
Tgt Ion:149 Resp: 1350312

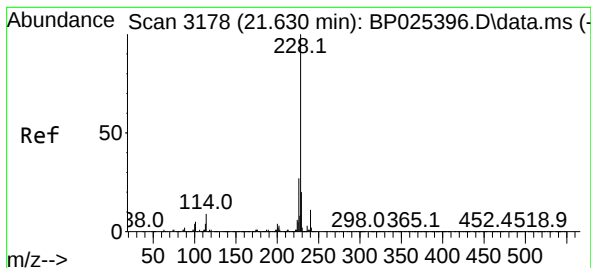
Ion Ratio Lower Upper

149 100

91 66.6 54.2 81.2

206 21.3 16.6 24.8





#81

Benzo(a)anthracene

Concen: 46.984 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

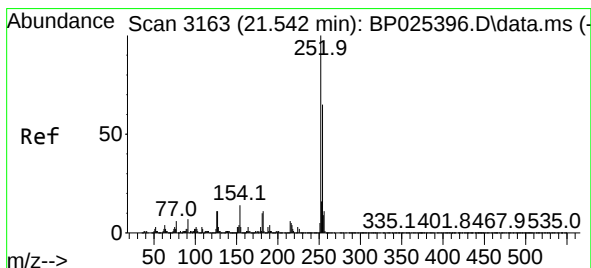
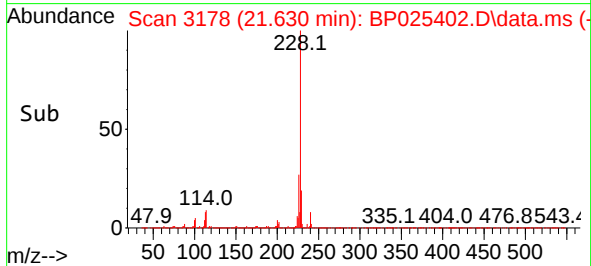
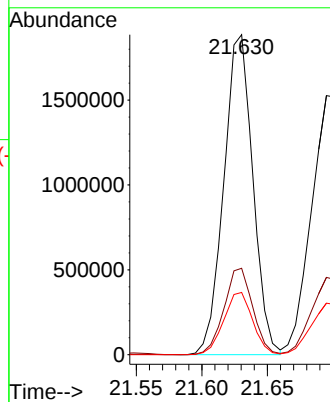
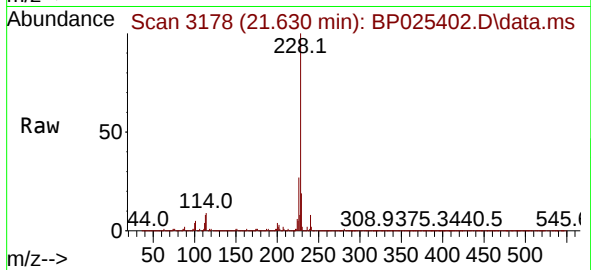
Tgt Ion:228 Resp: 2905027

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 40.194 ng

RT: 21.548 min Scan# 3164

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

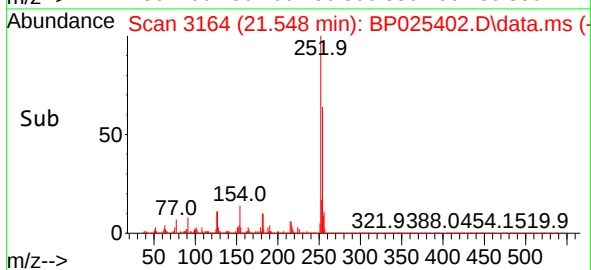
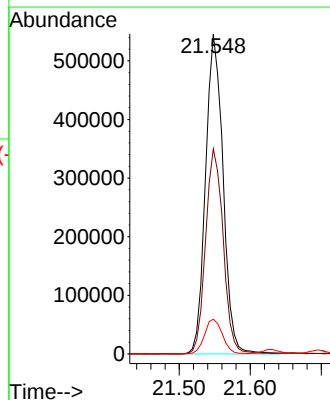
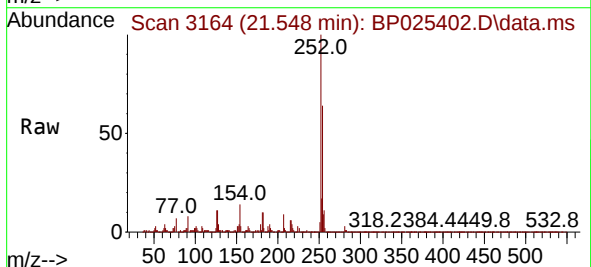
Tgt Ion:252 Resp: 936735

Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.6

126 10.9 9.1 13.7





#83

Chrysene

Concen: 47.211 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

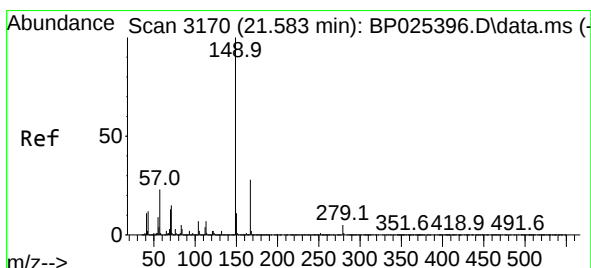
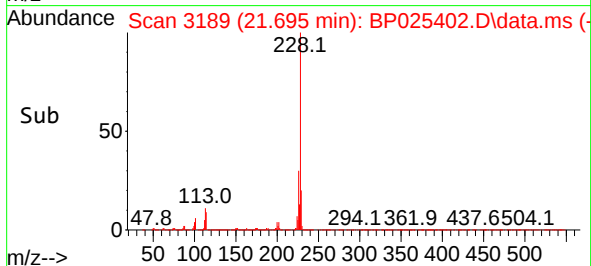
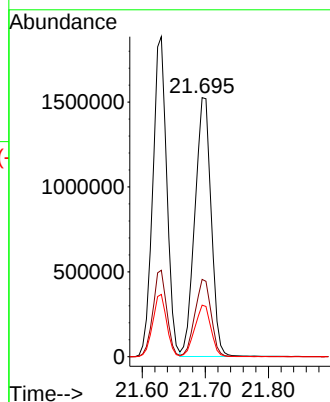
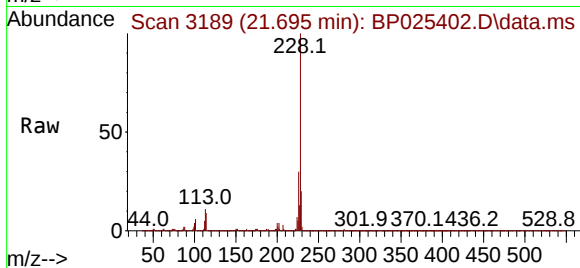
Tgt Ion:228 Resp: 2733737

Ion Ratio Lower Upper

228 100

226 29.9 23.2 34.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.532 ng

RT: 21.583 min Scan# 3170

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

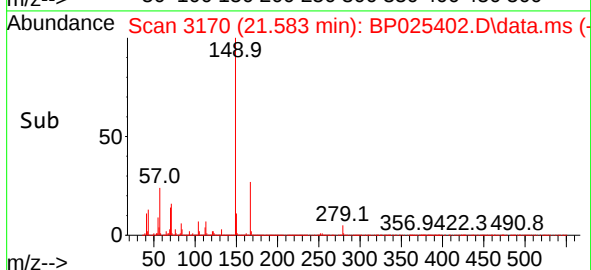
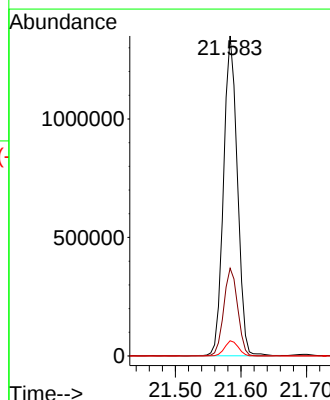
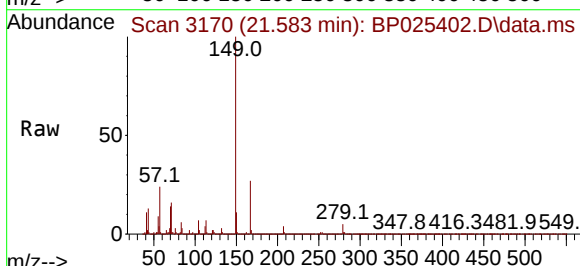
Tgt Ion:149 Resp: 1973001

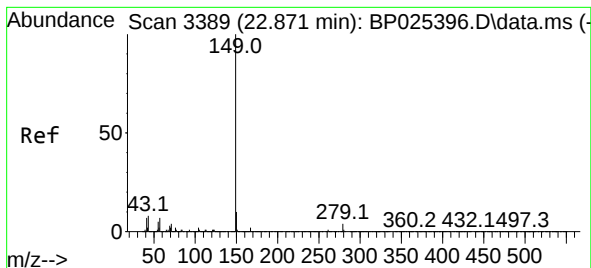
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 47.320 ng

RT: 22.877 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

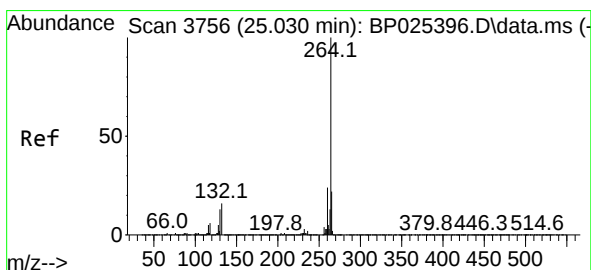
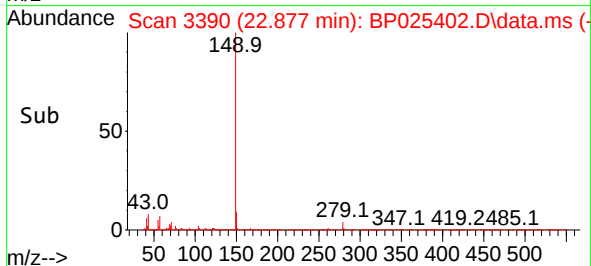
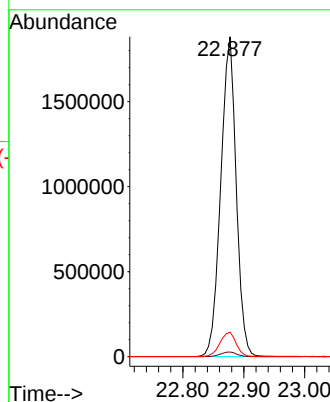
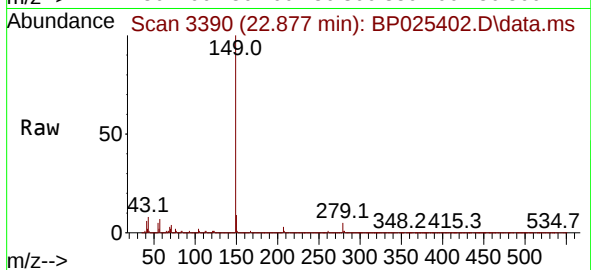
Tgt Ion:149 Resp: 3308927

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.018 min Scan# 3754

Delta R.T. -0.012 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

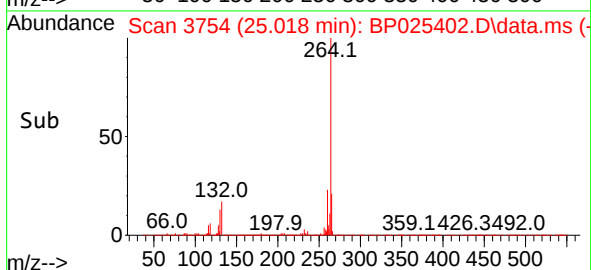
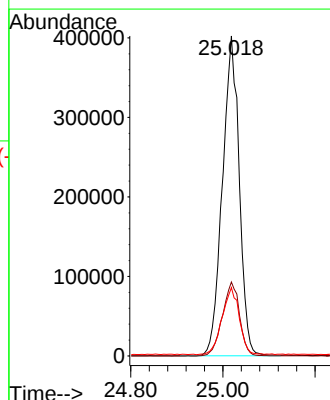
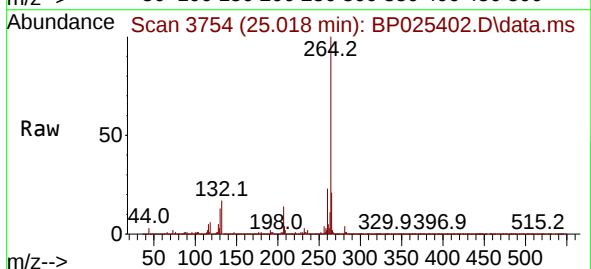
Tgt Ion:264 Resp: 1016818

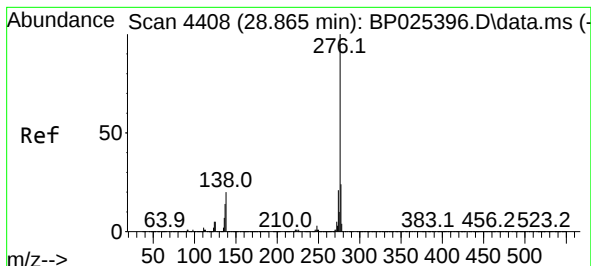
Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.014 ng

RT: 28.848 min Scan# 4408

Delta R.T. -0.018 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

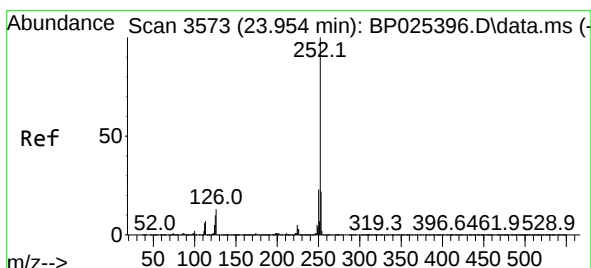
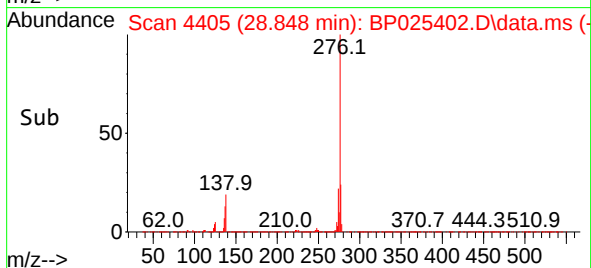
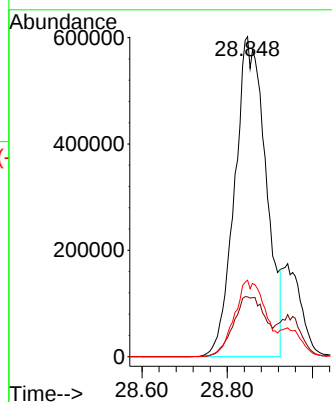
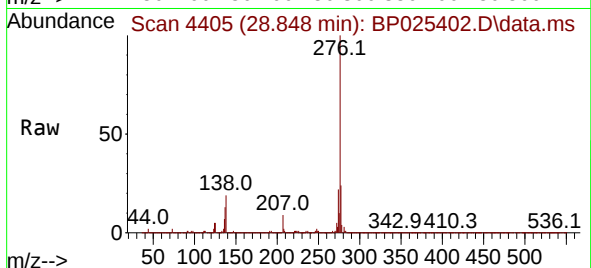
Tgt Ion:276 Resp: 3058393

Ion Ratio Lower Upper

276 100

138 19.2 12.9 19.3

277 23.9 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 48.676 ng

RT: 23.971 min Scan# 3576

Delta R.T. 0.018 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

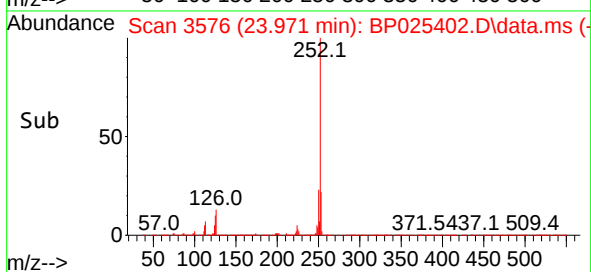
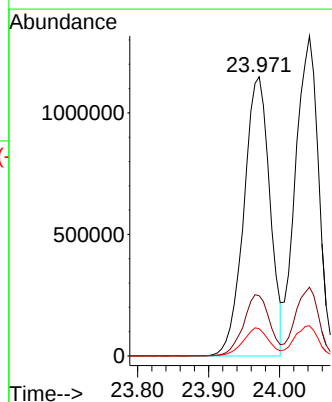
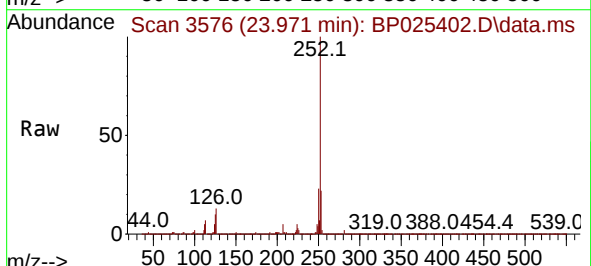
Tgt Ion:252 Resp: 2918542

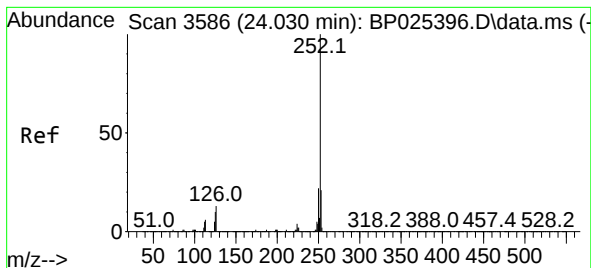
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 49.456 ng

RT: 24.042 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

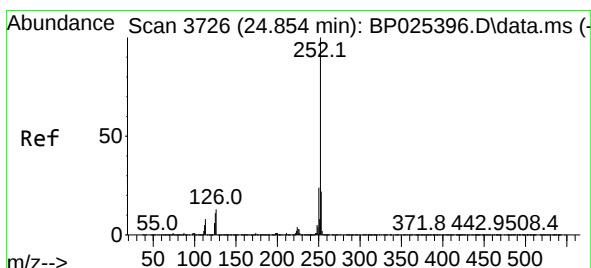
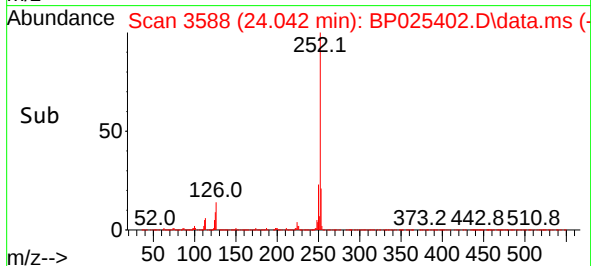
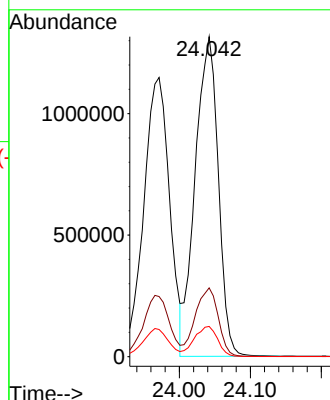
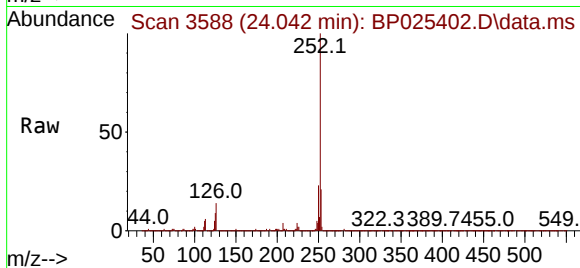
Tgt Ion:252 Resp: 2967349

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 9.5 7.8 11.6



#90

Benzo(a)pyrene

Concen: 48.899 ng

RT: 24.871 min Scan# 3729

Delta R.T. 0.018 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

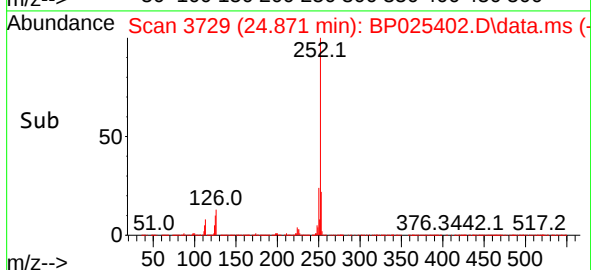
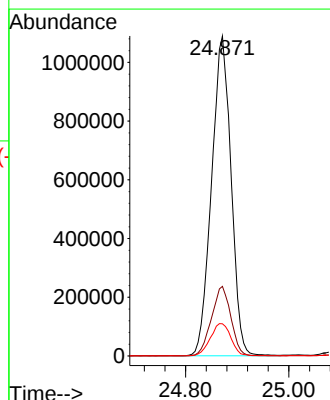
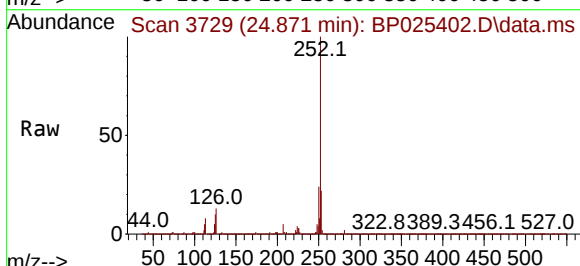
Tgt Ion:252 Resp: 2854031

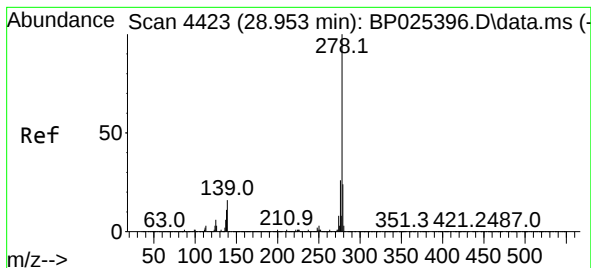
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.1 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 48.354 ng

RT: 28.942 min Scan# 4421

Delta R.T. -0.012 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

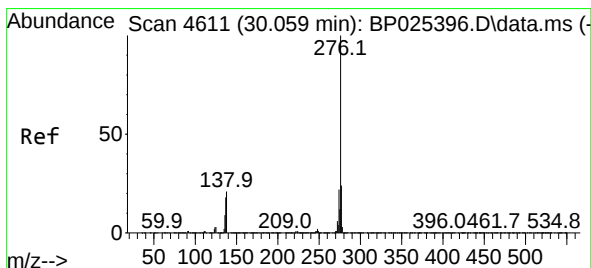
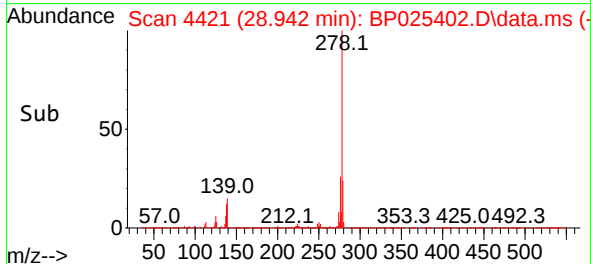
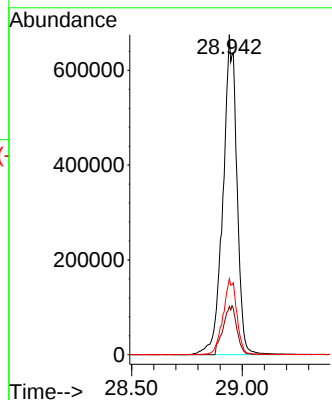
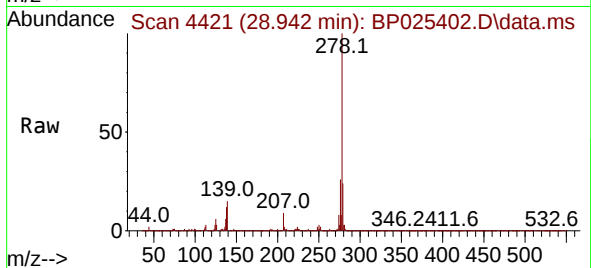
Tgt Ion:278 Resp: 2946612

Ion Ratio Lower Upper

278 100

139 15.1 13.0 19.4

279 23.7 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 48.068 ng

RT: 30.053 min Scan# 4610

Delta R.T. -0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Tgt Ion:276 Resp: 2879368

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 21.1 16.7 25.1

