

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025512.D
 Acq On : 20 Aug 2025 18:27
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 21 01:35:49 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	166180	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	619421	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	355189	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	670328	20.000	ng	0.00
76) Chrysene-d12	21.648	240	721835	20.000	ng	0.00
86) Perylene-d12	25.030	264	911460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	819056	81.851	ng	0.00
7) Phenol-d6	6.966	99	990921	77.239	ng	0.00
23) Nitrobenzene-d5	8.925	82	1014236	82.828	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	365485	76.447	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2168370	83.434	ng	0.00
79) Terphenyl-d14	19.919	244	2948745	74.739	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	162482	41.454	ng	99
3) Pyridine	3.731	79	413008	38.497	ng	98
4) n-Nitrosodimethylamine	3.637	42	189578	42.863	ng	97
6) Aniline	7.119	93	652984	37.776	ng	98
8) 2-Chlorophenol	7.361	128	440061	38.971	ng	98
9) Benzaldehyde	6.937	77	425209	47.306	ng	95
10) Phenol	6.996	94	510256	37.903	ng	98
11) bis(2-Chloroethyl)ether	7.213	93	399309	38.056	ng	98
12) 1,3-Dichlorobenzene	7.678	146	499346	40.104	ng	98
13) 1,4-Dichlorobenzene	7.819	146	504357	39.630	ng	99
14) 1,2-Dichlorobenzene	8.137	146	478303	38.825	ng	97
15) Benzyl Alcohol	8.025	79	376366	36.921	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	547414	38.945	ng	100
17) 2-Methylphenol	8.225	107	352050	37.654	ng	99
18) Hexachloroethane	8.860	117	192071	41.047	ng	93
19) n-Nitroso-di-n-propyla...	8.578	70	297628	35.024	ng	97
20) 3+4-Methylphenols	8.543	107	463927	35.797	ng	99
22) Acetophenone	8.596	105	629950	40.553	ng	99
24) Nitrobenzene	8.972	77	454821	41.561	ng	98
25) Isophorone	9.496	82	822867	37.972	ng	99
26) 2-Nitrophenol	9.672	139	233161	41.515	ng	96
27) 2,4-Dimethylphenol	9.737	122	381587	39.508	ng	95
28) bis(2-Chloroethoxy)met...	9.966	93	511989	39.085	ng	99
29) 2,4-Dichlorophenol	10.207	162	384438	40.068	ng	98
30) 1,2,4-Trichlorobenzene	10.419	180	428971	40.786	ng	99
31) Naphthalene	10.607	128	1279654	39.747	ng	99
32) Benzoic acid	9.866	122	261847	36.722	ng	97
33) 4-Chloroaniline	10.707	127	531205	37.353	ng	98
34) Hexachlorobutadiene	10.896	225	278633	42.538	ng	99
35) Caprolactam	11.490	113	114461	32.534	ng	96
36) 4-Chloro-3-methylphenol	11.837	107	401963	36.511	ng	99
37) 2-Methylnaphthalene	12.213	142	783727	37.407	ng	99
38) 1-Methylnaphthalene	12.431	142	822994	36.937	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	444699	43.350	ng	99
41) Hexachlorocyclopentadiene	12.566	237	255262	41.195	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	293959	42.446	ng	99

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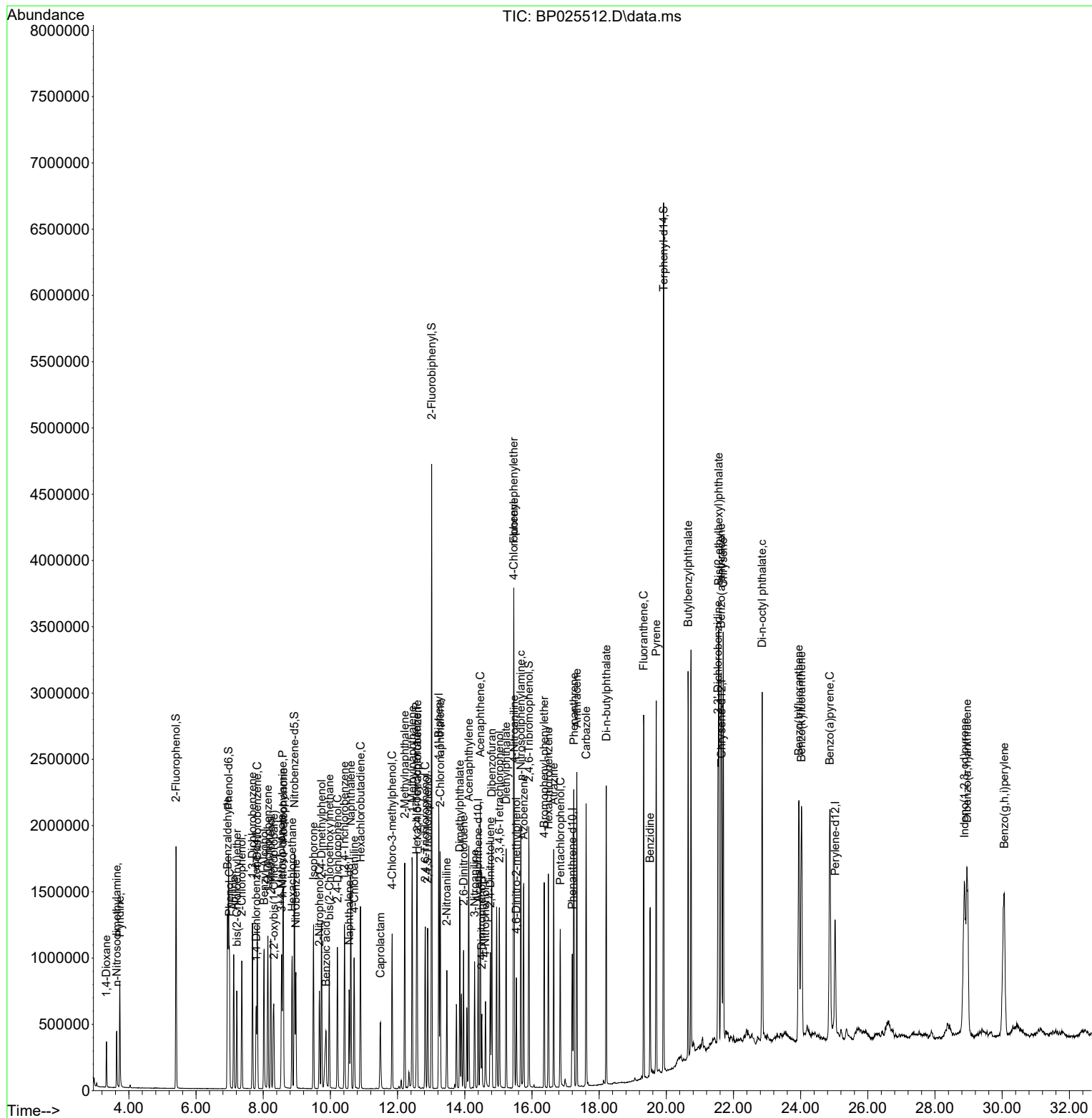
Instrument :
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	316844	41.744	ng	99
46) 1,1'-Biphenyl	13.225	154	1070736	41.508	ng	99
47) 2-Chloronaphthalene	13.266	162	827743	41.219	ng	100
48) 2-Nitroaniline	13.466	65	243579	41.628	ng	97
49) Acenaphthylene	14.119	152	1329242	40.001	ng	99
50) Dimethylphthalate	13.848	163	994069	38.219	ng	99
51) 2,6-Dinitrotoluene	13.966	165	222447	40.576	ng	98
52) Acenaphthene	14.460	154	771351	39.546	ng	99
53) 3-Nitroaniline	14.290	138	233840	37.912	ng	92
54) 2,4-Dinitrophenol	14.507	184	122042	41.686	ng	98
55) Dibenzofuran	14.801	168	1209507	39.221	ng	99
56) 4-Nitrophenol	14.613	139	188606	37.212	ng	94
57) 2,4-Dinitrotoluene	14.760	165	305079	39.004	ng	97
58) Fluorene	15.460	166	927874	38.132	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	264092	39.405	ng	100
60) Diethylphthalate	15.231	149	996051	37.688	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	462336	38.204	ng	97
62) 4-Nitroaniline	15.472	138	235988	37.321	ng	97
63) Azobenzene	15.754	77	890410	39.346	ng	98
65) 4,6-Dinitro-2-methylph...	15.537	198	170735	40.860	ng	94
66) n-Nitrosodiphenylamine	15.666	169	816452	39.942	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	299821	40.668	ng	96
68) Hexachlorobenzene	16.489	284	343811	40.230	ng	97
69) Atrazine	16.648	200	296023	38.670	ng	98
70) Pentachlorophenol	16.842	266	223956	41.514	ng	98
71) Phenanthrene	17.248	178	1455152	39.517	ng	99
72) Anthracene	17.336	178	1452720	38.632	ng	100
73) Carbazole	17.613	167	1370739	38.700	ng	99
74) Di-n-butylphthalate	18.213	149	1762119	40.436	ng	99
75) Fluoranthene	19.325	202	1698750	38.675	ng	99
77) Benzidine	19.519	184	784158	31.831	ng	99
78) Pyrene	19.701	202	1760829	37.531	ng	99
80) Butylbenzylphthalate	20.648	149	866705	40.760	ng	99
81) Benzo(a)anthracene	21.630	228	1846325	38.784	ng	98
82) 3,3'-Dichlorobenzidine	21.536	252	726259	40.475	ng	99
83) Chrysene	21.695	228	1751270	39.282	ng	99
84) Bis(2-ethylhexyl)phtha...	21.560	149	1292335	41.288	ng	100
85) Di-n-octyl phthalate	22.854	149	2379874	44.204	ng	98
87) Indeno(1,2,3-cd)pyrene	28.877	276	2704805	40.465	ng	98
88) Benzo(b)fluoranthene	23.948	252	2043506	38.021	ng	100
89) Benzo(k)fluoranthene	24.024	252	2039061	37.913	ng	99
90) Benzo(a)pyrene	24.865	252	2033101	38.861	ng	99
91) Dibenzo(a,h)anthracene	28.953	278	2223603	40.707	ng	99
92) Benzo(g,h,i)perylene	30.065	276	2210310	41.164	ng	98

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

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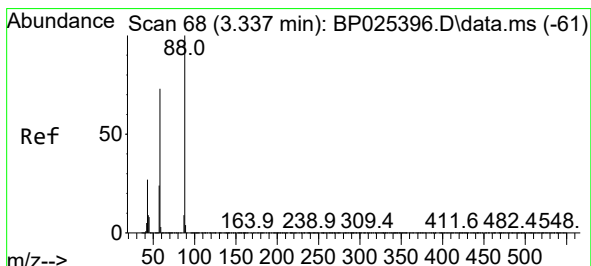
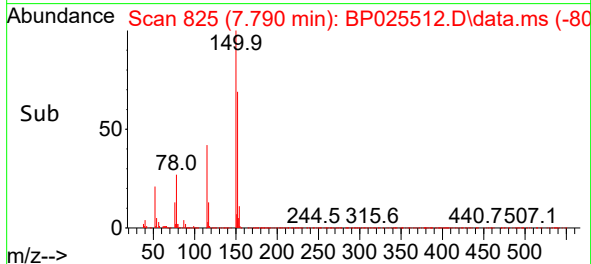
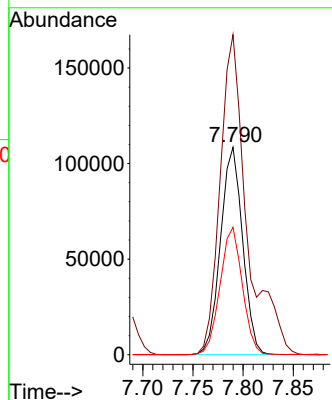
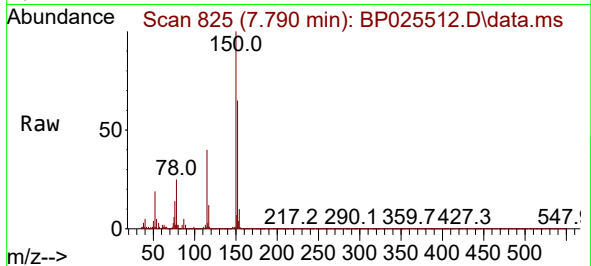




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025512.D
 Acq: 20 Aug 2025 18:27

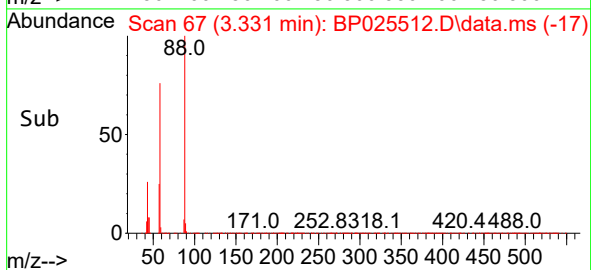
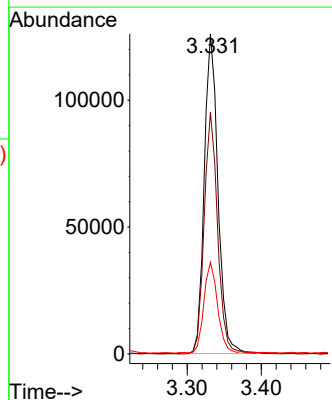
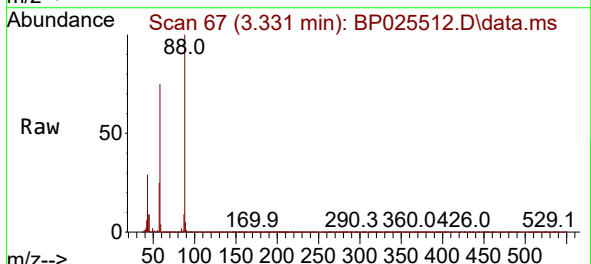
Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:152 Resp: 166180
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.9 188.9
 115 61.4 48.5 72.7



#2
 1,4-Dioxane
 Concen: 41.454 ng
 RT: 3.331 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BP025512.D
 Acq: 20 Aug 2025 18:27

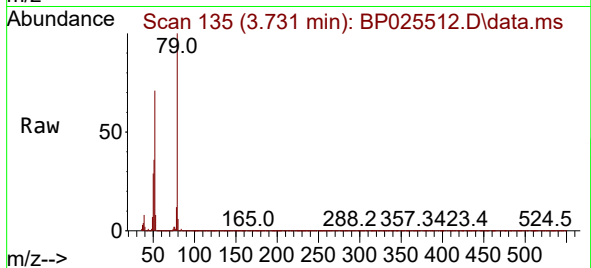
Tgt Ion: 88 Resp: 162482
 Ion Ratio Lower Upper
 88 100
 58 74.5 59.2 88.8
 43 28.7 21.7 32.5



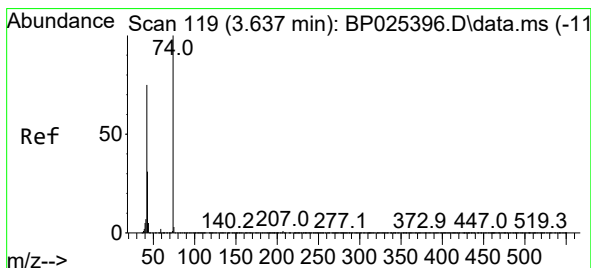
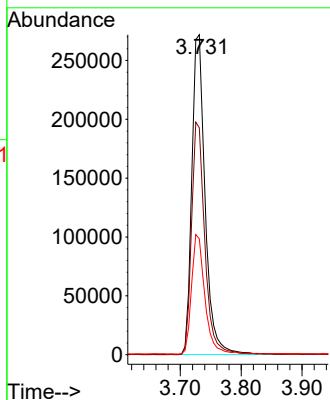
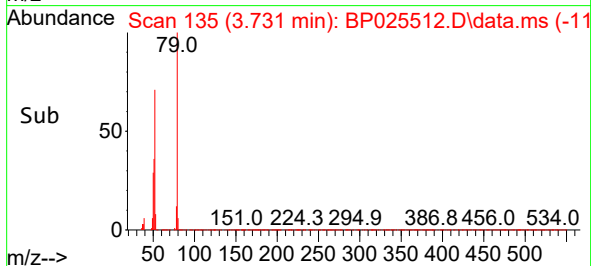


#3
Pyridine
Concen: 38.497 ng
RT: 3.731 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Instrument :
BNA_P
ClientSampleId :

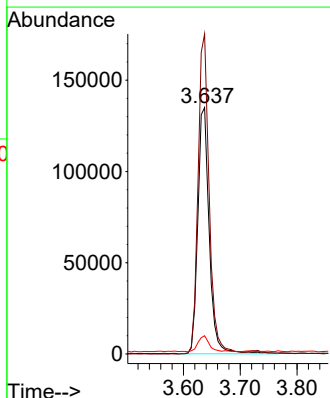
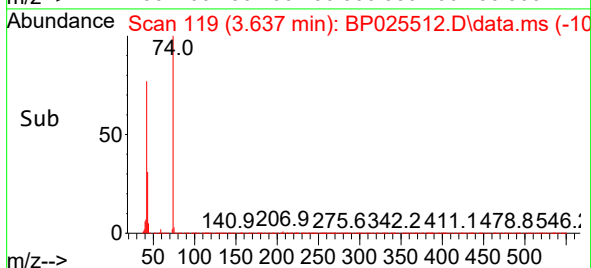
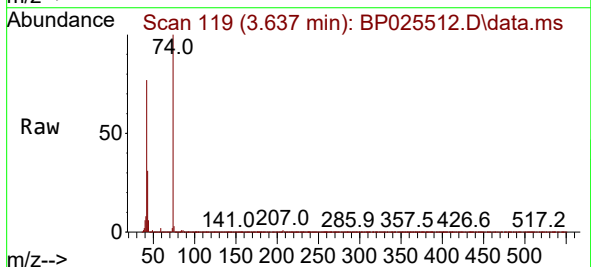


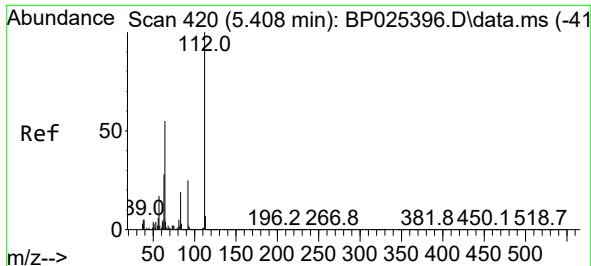
Tgt Ion: 79 Resp: 413008
Ion Ratio Lower Upper
79 100
52 70.9 55.5 83.3
51 36.2 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 42.863 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion: 42 Resp: 189578
Ion Ratio Lower Upper
42 100
74 129.9 107.0 160.4
44 7.4 6.2 9.4

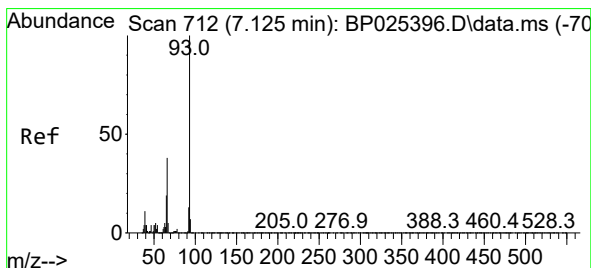
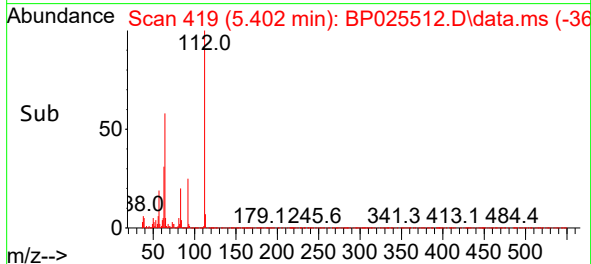
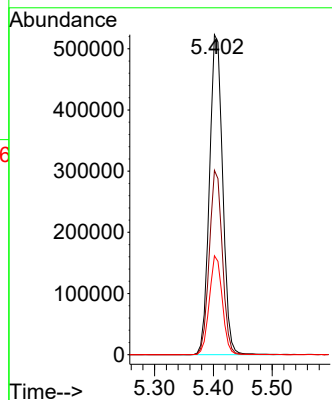
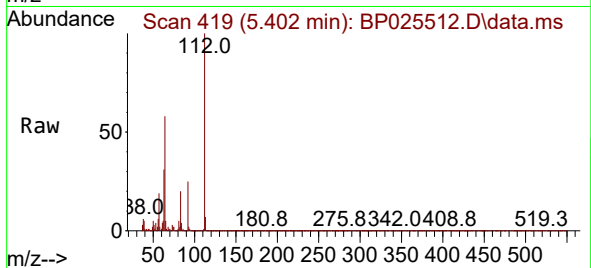




#5
2-Fluorophenol
Concen: 81.851 ng
RT: 5.402 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

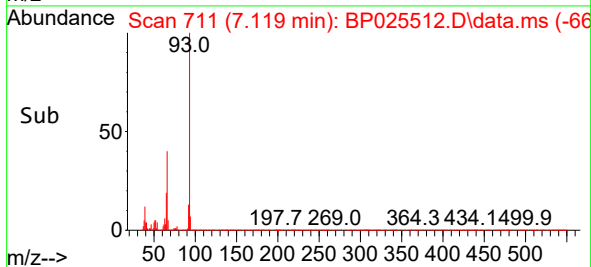
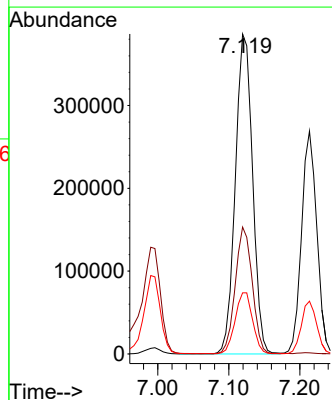
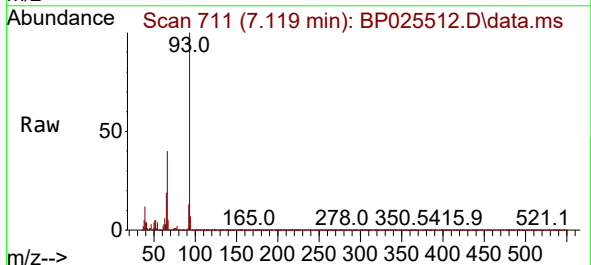
Instrument :
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ClientSampleId :

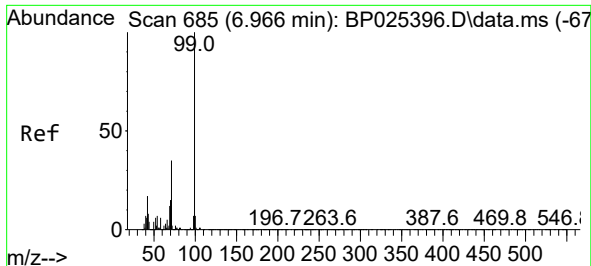
Tgt Ion:112 Resp: 819056
Ion Ratio Lower Upper
112 100
64 57.6 43.8 65.8
63 30.9 22.7 34.1



#6
Aniline
Concen: 37.776 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion: 93 Resp: 652984
Ion Ratio Lower Upper
93 100
66 39.7 30.4 45.6
65 19.1 15.3 22.9

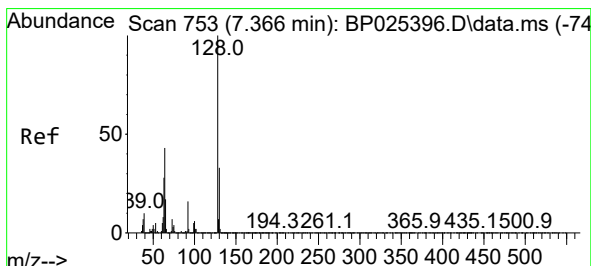
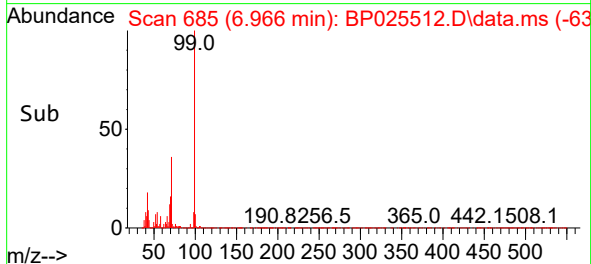
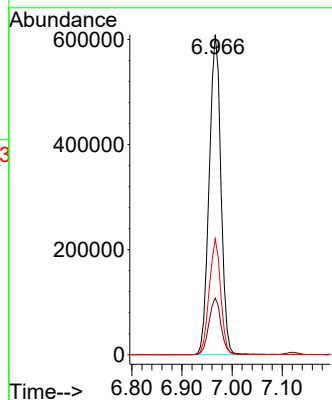
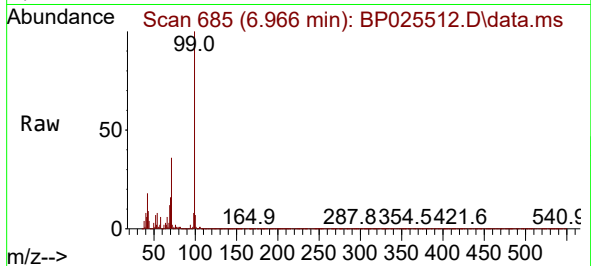




#7
Phenol-d6
Concen: 77.239 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

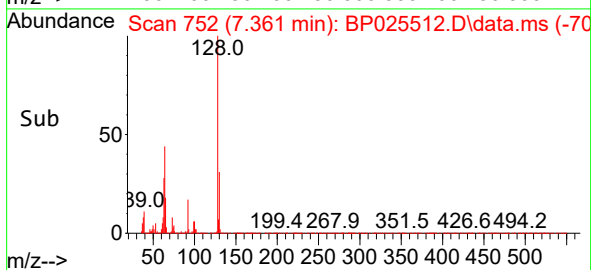
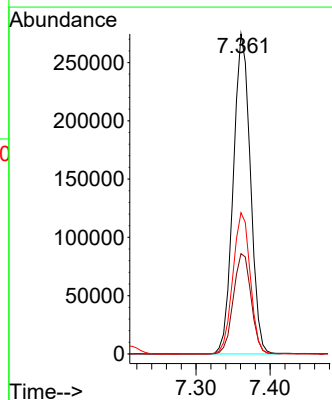
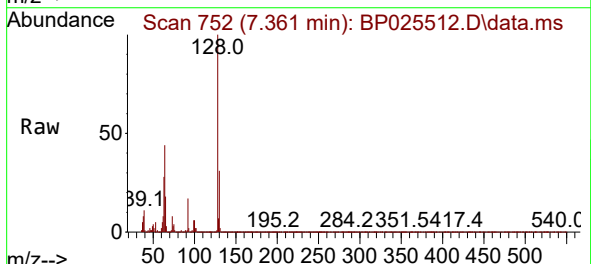
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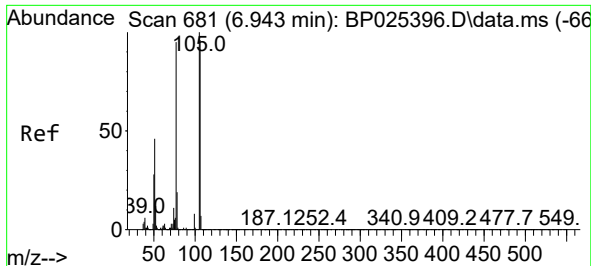
Tgt Ion: 99 Resp: 990921
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 36.2 28.2 42.4



#8
2-Chlorophenol
Concen: 38.971 ng
RT: 7.361 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

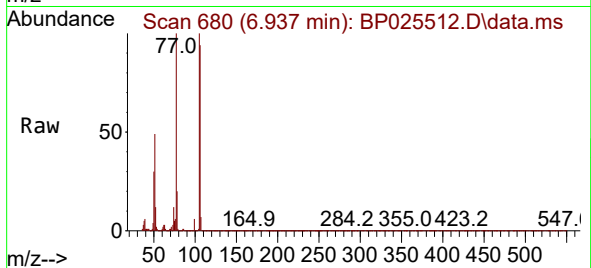
Tgt Ion:128 Resp: 440061
Ion Ratio Lower Upper
128 100
130 31.4 12.6 52.6
64 44.1 23.4 63.4



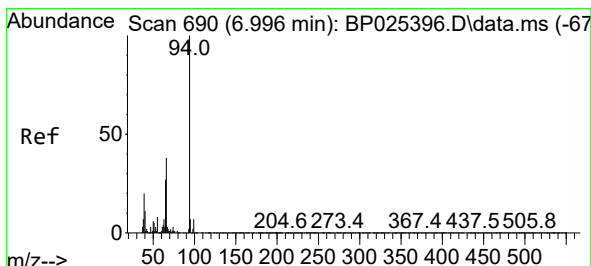
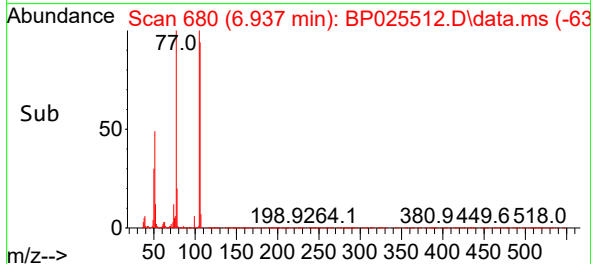
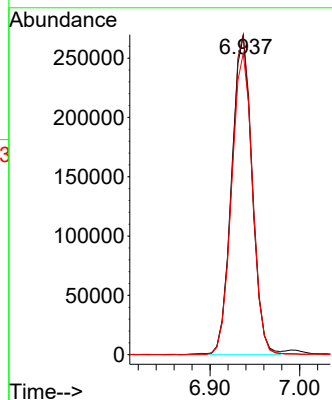


#9
Benzaldehyde
Concen: 47.306 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Instrument :
BNA_P
ClientSampleId :

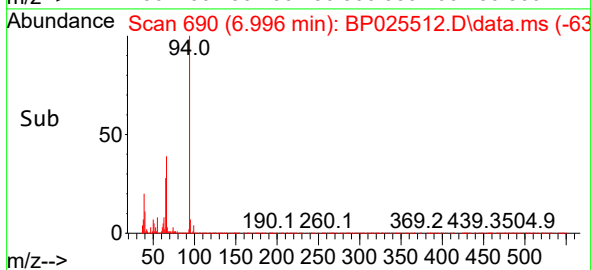
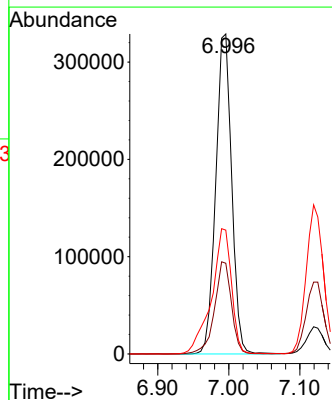
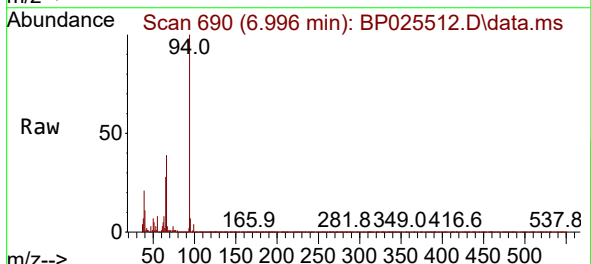


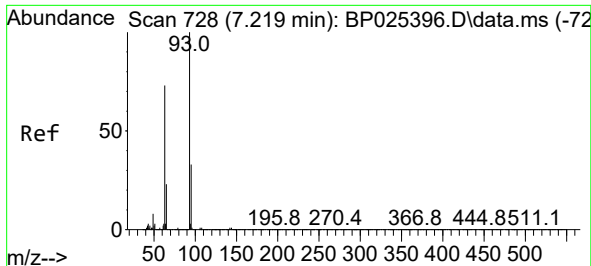
Tgt Ion: 77 Resp: 425209
Ion Ratio Lower Upper
77 100
105 100.5 84.8 124.8
106 94.6 80.5 120.5



#10
Phenol
Concen: 37.903 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion: 94 Resp: 510256
Ion Ratio Lower Upper
94 100
65 28.3 6.8 46.8
66 38.7 18.2 58.2

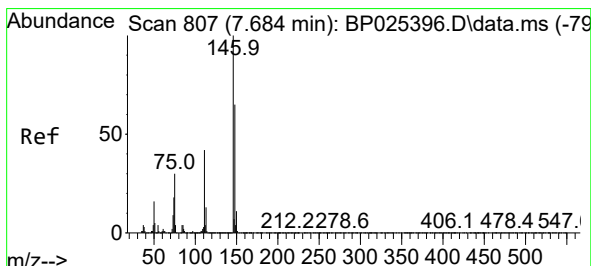
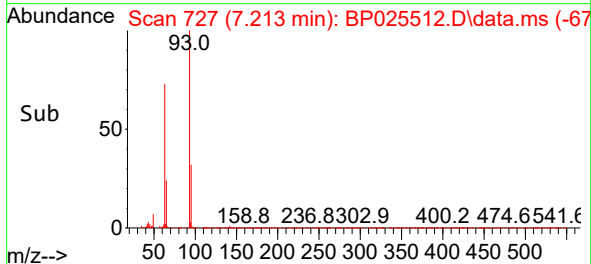
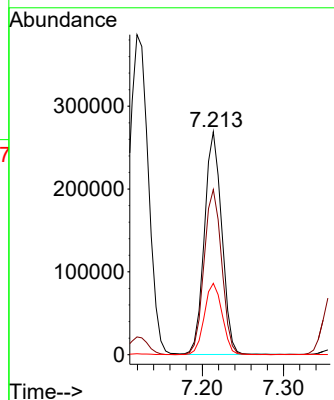
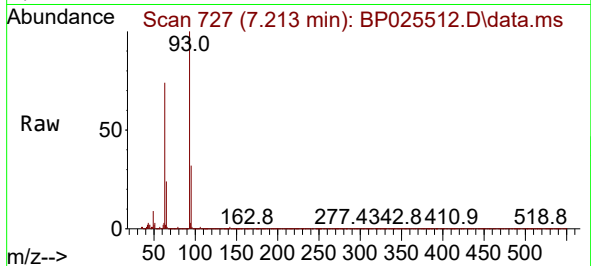




#11
bis(2-Chloroethyl)ether
Concen: 38.056 ng
RT: 7.213 min Scan# 728
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

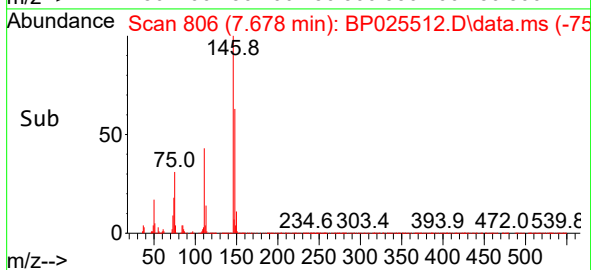
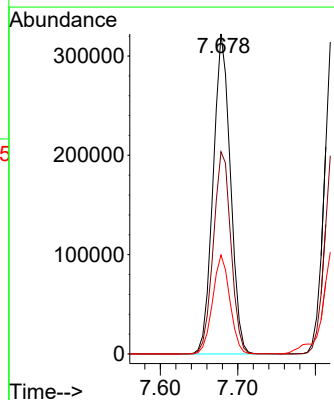
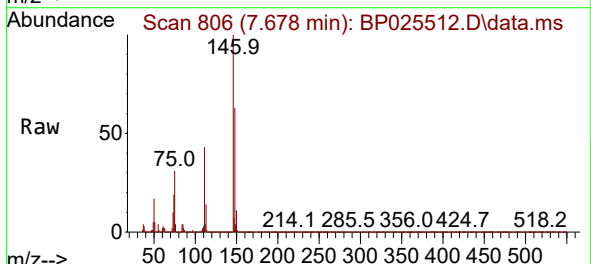
Instrument :
BNA_P
ClientSampleId :

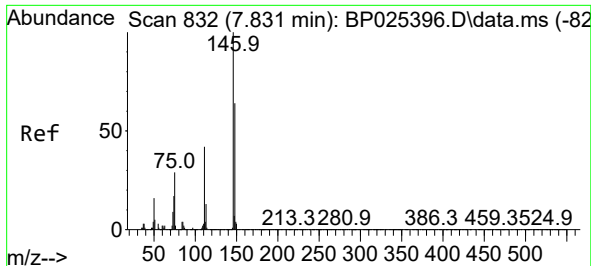
Tgt Ion: 93 Resp: 399309
Ion Ratio Lower Upper
93 100
63 74.1 52.6 92.6
95 32.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.104 ng
RT: 7.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:146 Resp: 499346
Ion Ratio Lower Upper
146 100
148 63.2 51.9 77.9
75 30.9 23.7 35.5

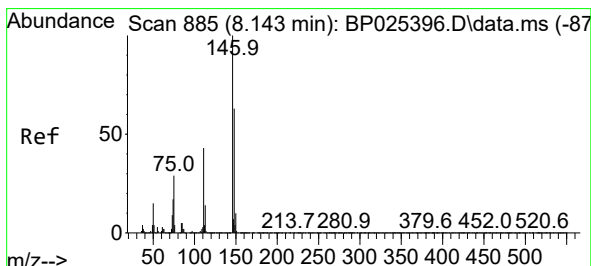
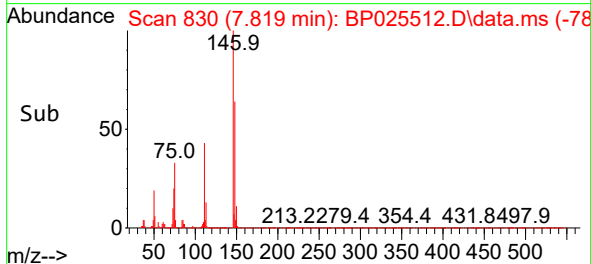
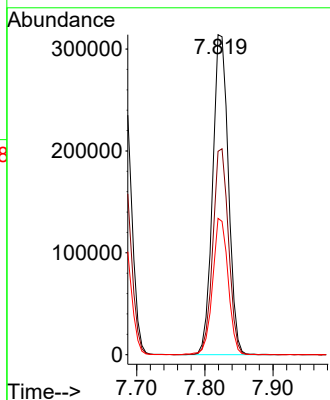
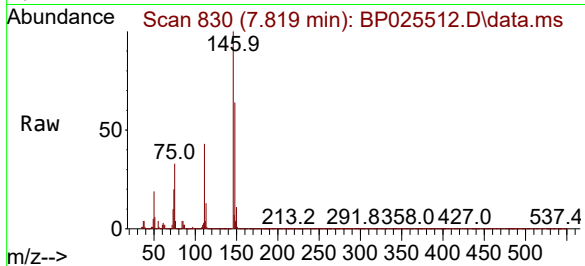




#13
1,4-Dichlorobenzene
Concen: 39.630 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

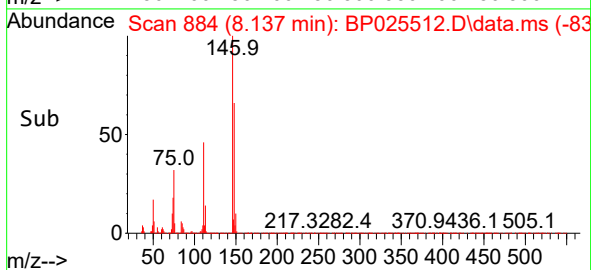
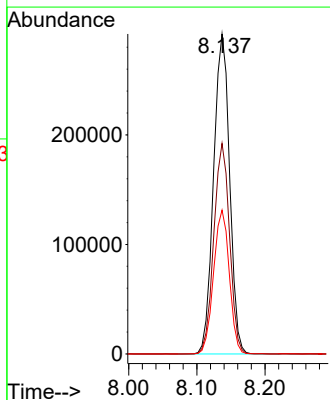
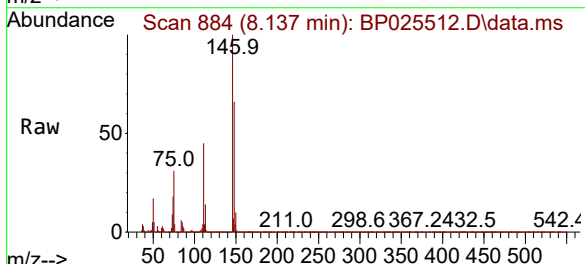
Instrument :
BNA_P
ClientSampleId :

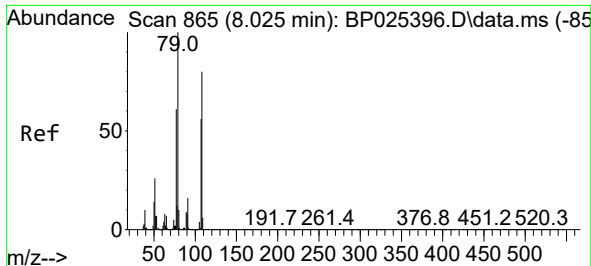
Tgt Ion:146 Resp: 504357
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 42.6 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 38.825 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:146 Resp: 478303
Ion Ratio Lower Upper
146 100
148 65.8 50.4 75.6
111 45.0 34.5 51.7

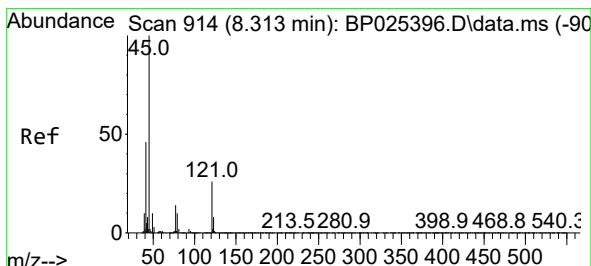
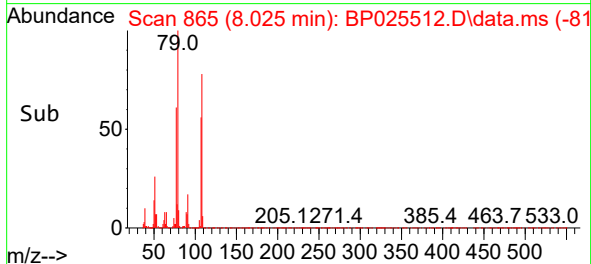
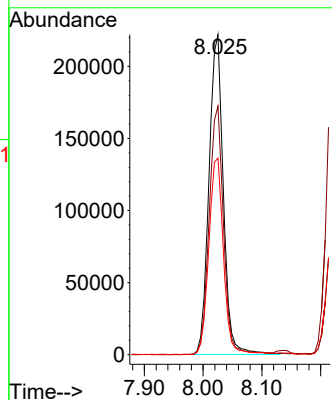
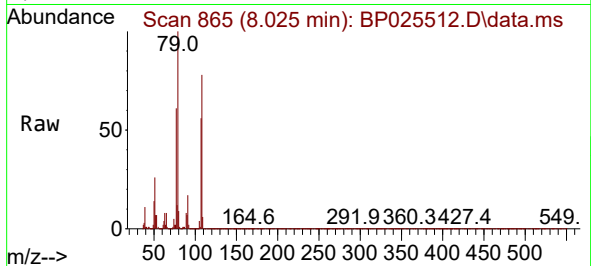




#15
Benzyl Alcohol
Concen: 36.921 ng
RT: 8.025 min Scan# 865
Delta R.T. 0.000 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

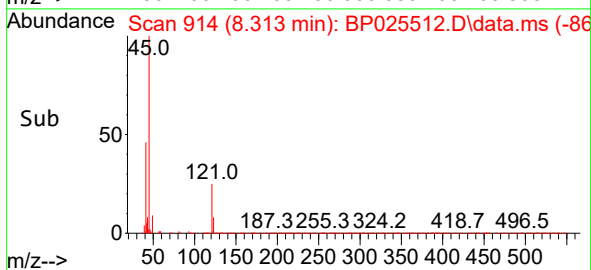
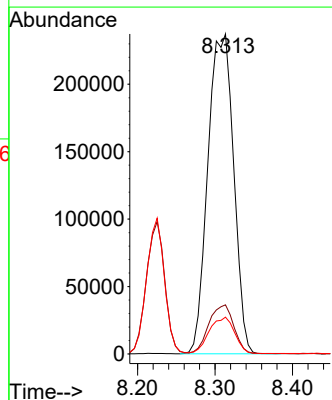
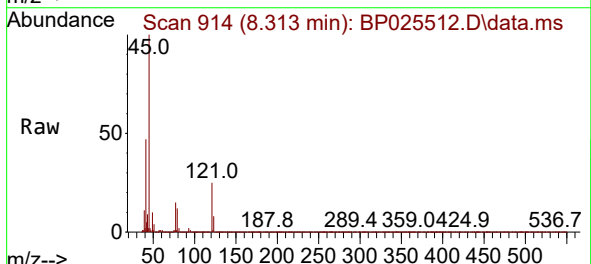
Instrument :
BNA_P
ClientSampleId :

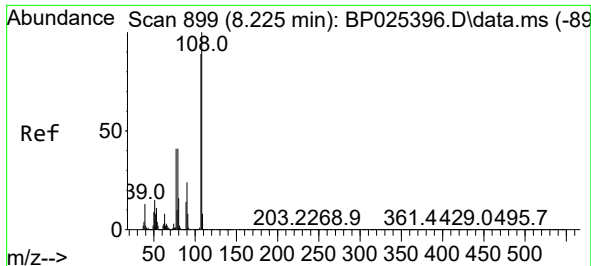
Tgt Ion: 79 Resp: 376366
Ion Ratio Lower Upper
79 100
108 77.7 63.8 95.6
77 61.4 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.945 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion: 45 Resp: 547414
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.3
79 11.5 0.0 31.8

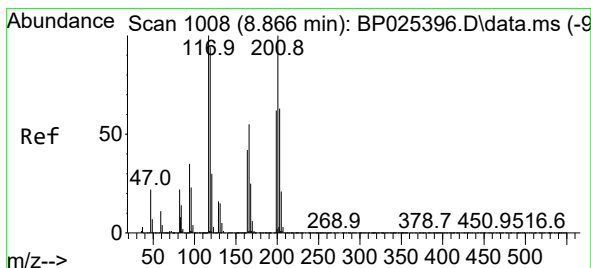
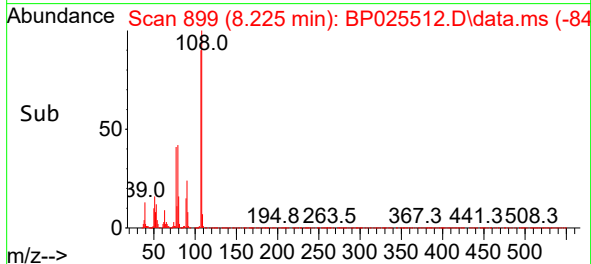
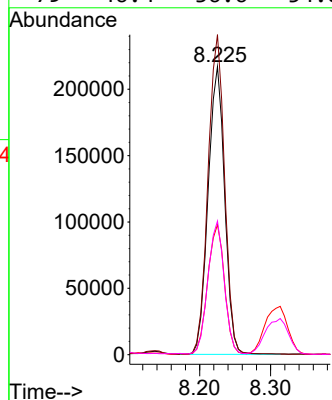
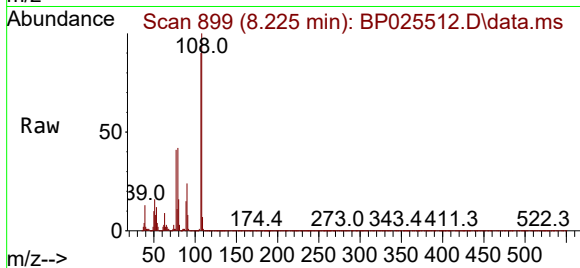




#17
2-Methylphenol
Concen: 37.654 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

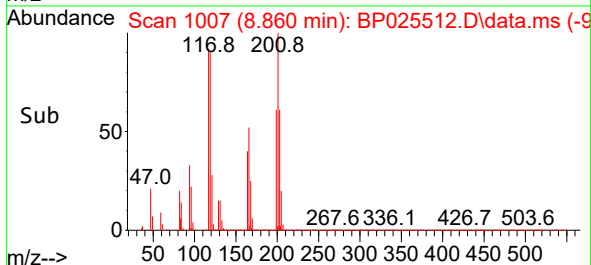
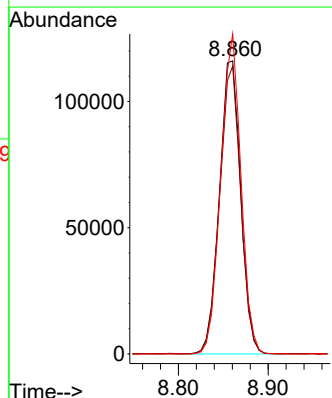
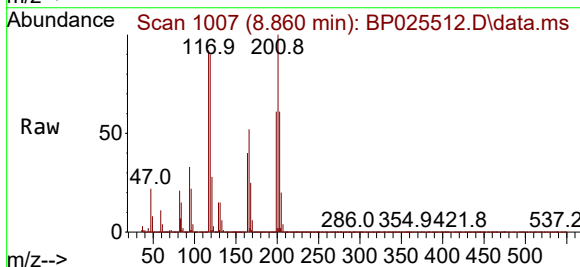
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:	107	Resp:	352050
Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.4	134.0
77	45.2	36.3	54.5
79	46.4	36.6	54.8



#18
Hexachloroethane
Concen: 41.047 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:	117	Resp:	192071
Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.1	112.7
201	109.2	80.1	120.1

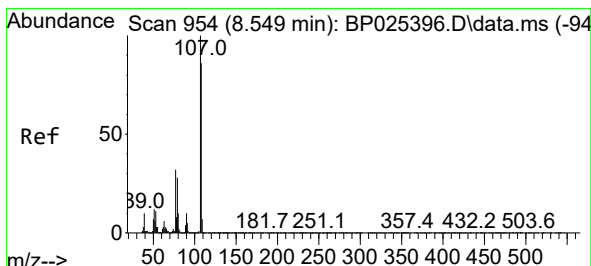
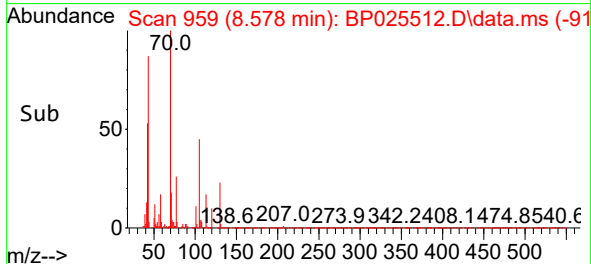
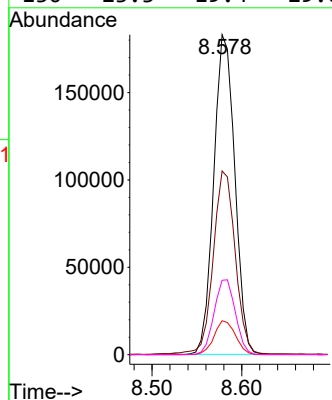
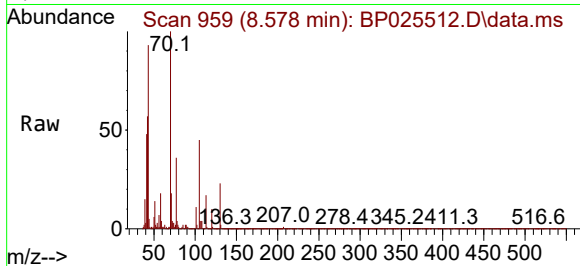




#19
n-Nitroso-di-n-propylamine
Concen: 35.024 ng
RT: 8.578 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

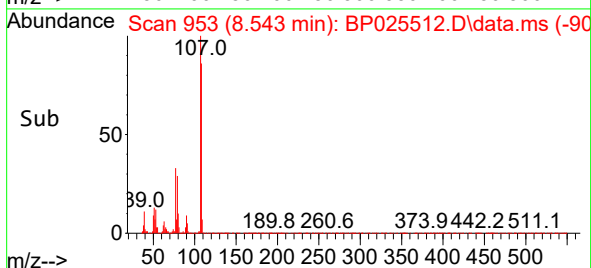
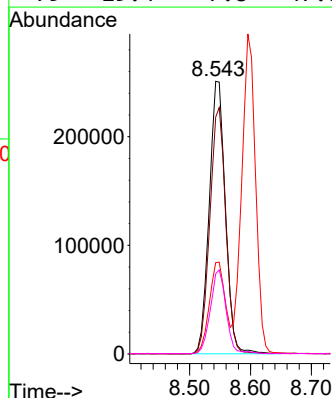
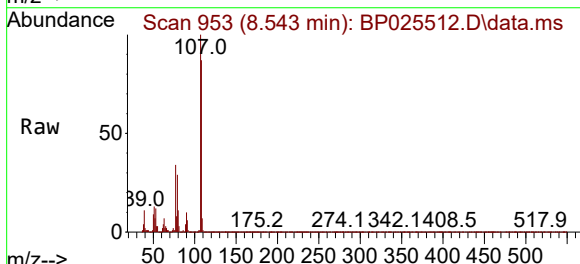
Instrument :
BNA_P
ClientSampleId :

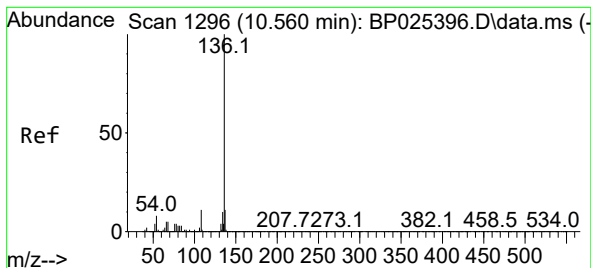
Tgt Ion: 70 Resp: 297628
Ion Ratio Lower Upper
70 100
42 57.4 43.8 65.6
101 10.6 8.5 12.7
130 23.3 19.4 29.0



#20
3+4-Methylphenols
Concen: 35.797 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion: 107 Resp: 463927
Ion Ratio Lower Upper
107 100
108 86.9 66.3 106.3
77 33.5 12.3 52.3
79 29.4 7.8 47.8

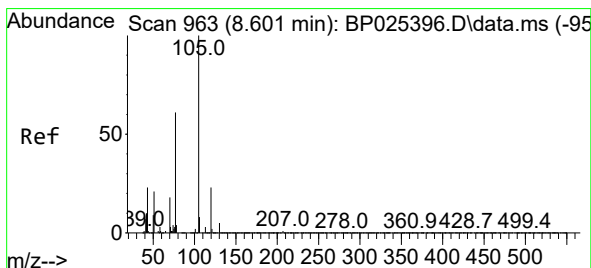
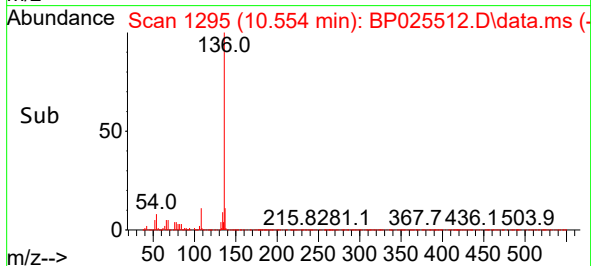
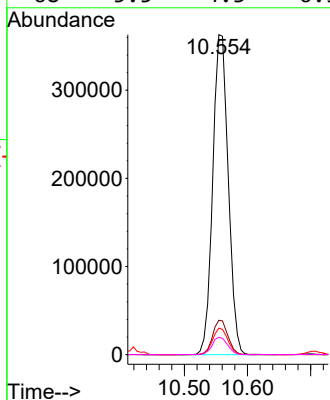
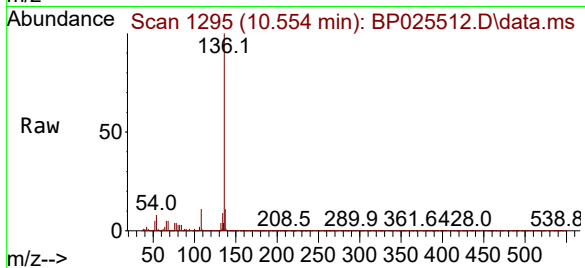




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

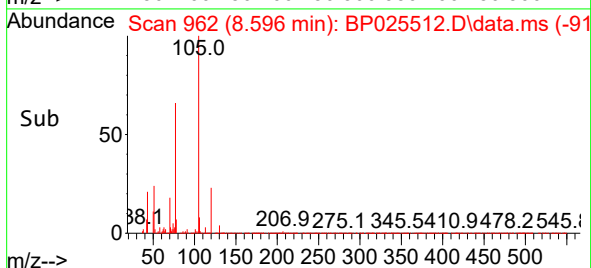
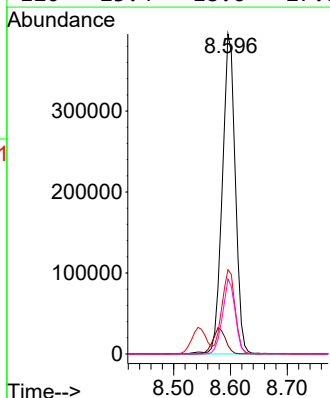
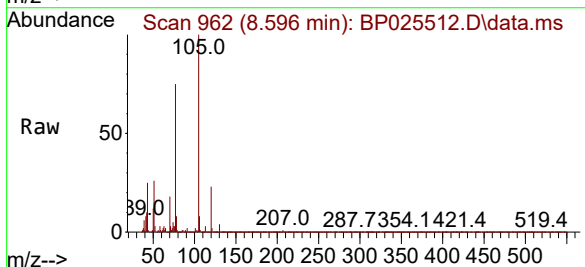
Instrument :
BNA_P
ClientSampleId :

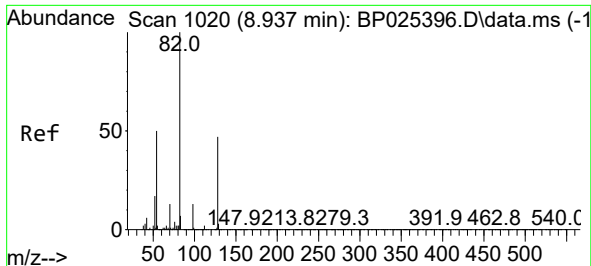
Tgt Ion:	136	Resp:	619421
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.3	6.0	9.0
68	5.5	4.3	6.5



#22
Acetophenone
Concen: 40.553 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:	105	Resp:	629950
Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.6	4.0
51	26.3	20.6	30.8
120	23.4	18.6	27.8

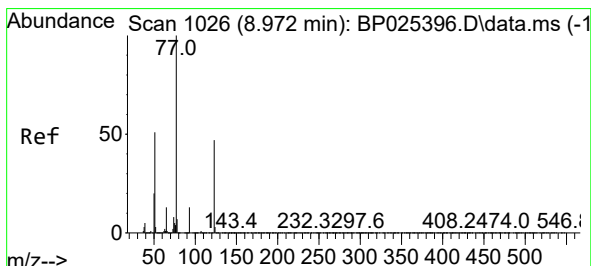
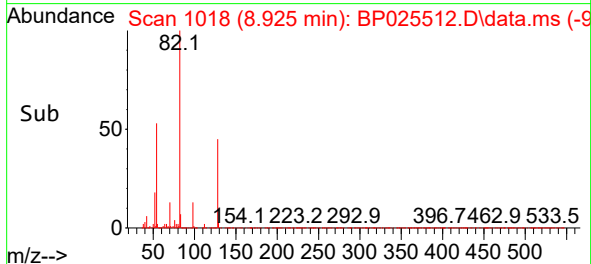
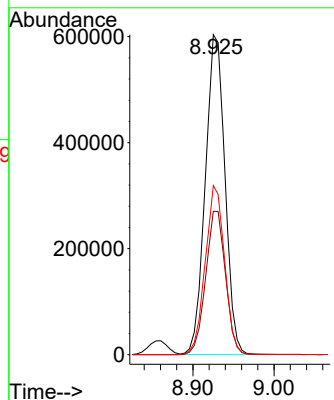
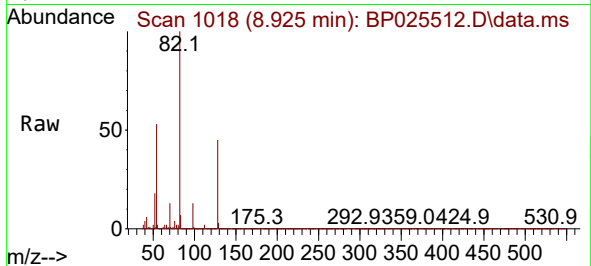




#23
Nitrobenzene-d5
Concen: 82.828 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

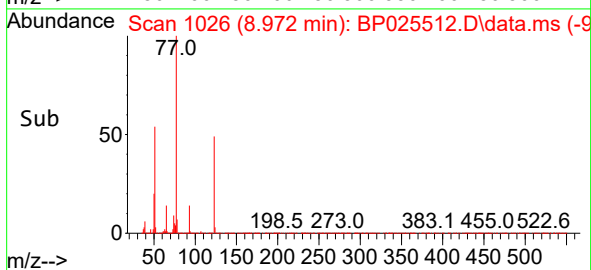
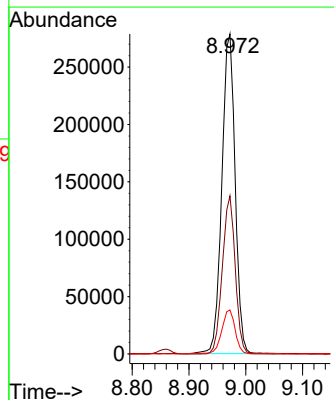
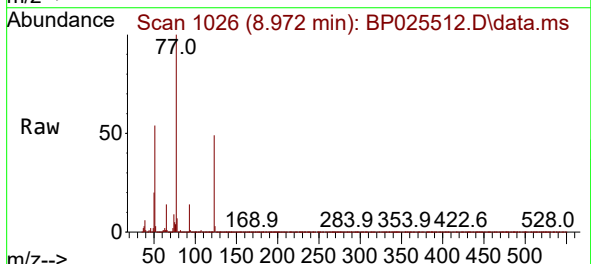
Instrument :
BNA_P
ClientSampleId :

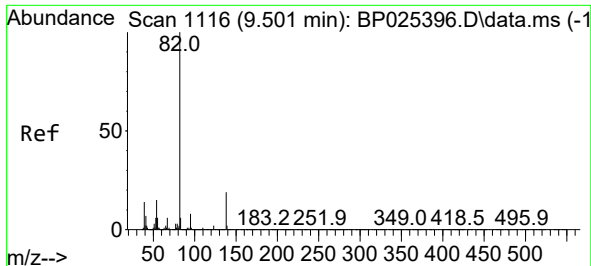
Tgt Ion: 82 Resp: 1014236
Ion Ratio Lower Upper
82 100
128 44.8 37.7 56.5
54 52.9 39.8 59.6



#24
Nitrobenzene
Concen: 41.561 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion: 77 Resp: 454821
Ion Ratio Lower Upper
77 100
123 49.4 38.6 58.0
65 13.8 10.6 15.8

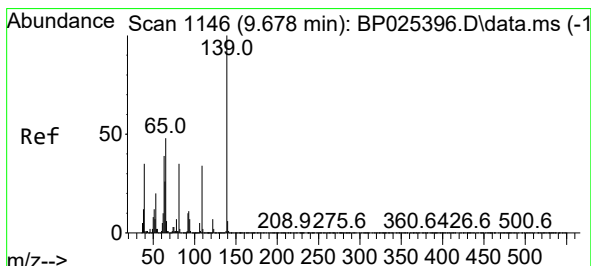
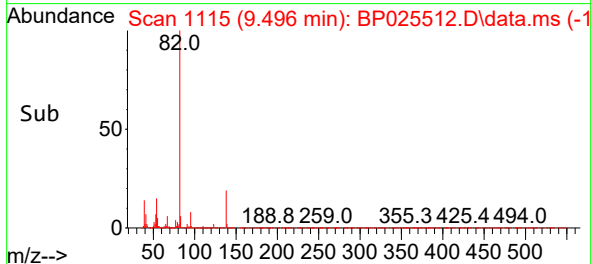
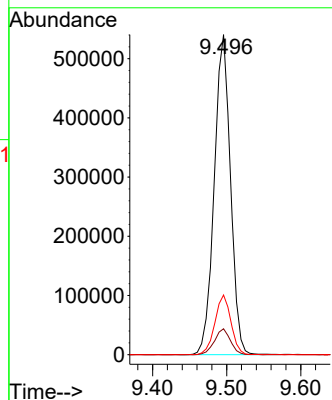
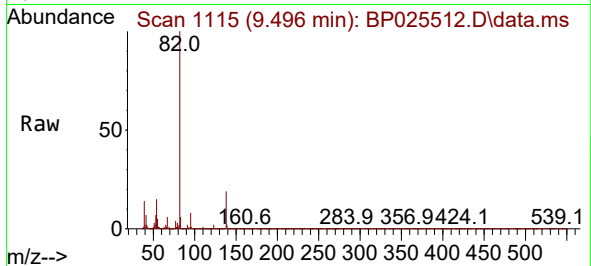




#25
Isophorone
Concen: 37.972 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

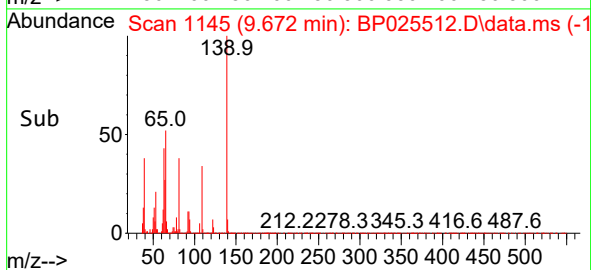
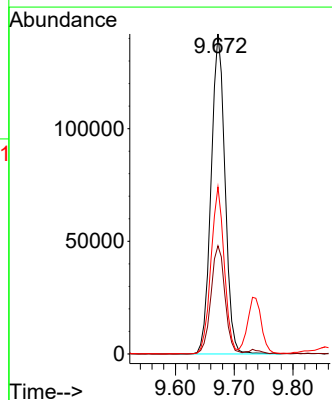
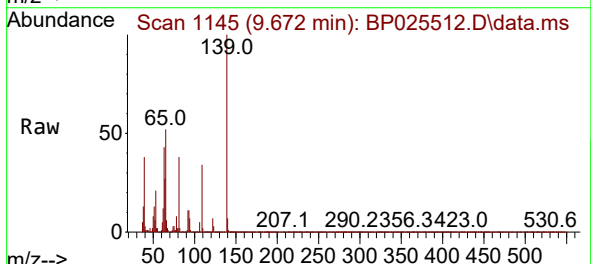
Instrument :
BNA_P
ClientSampleId :

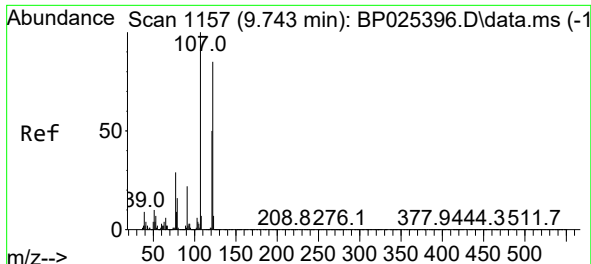
Tgt Ion: 82 Resp: 822867
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.6 15.4 23.0



#26
2-Nitrophenol
Concen: 41.515 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:139 Resp: 233161
Ion Ratio Lower Upper
139 100
109 33.8 26.9 40.3
65 52.2 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 39.508 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

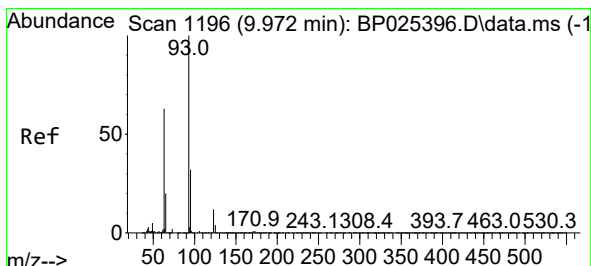
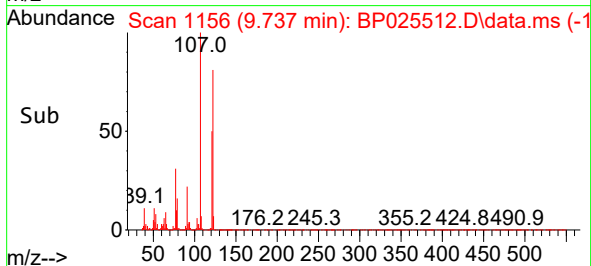
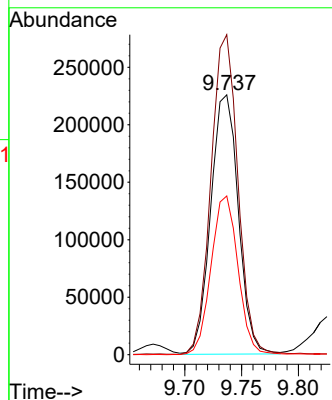
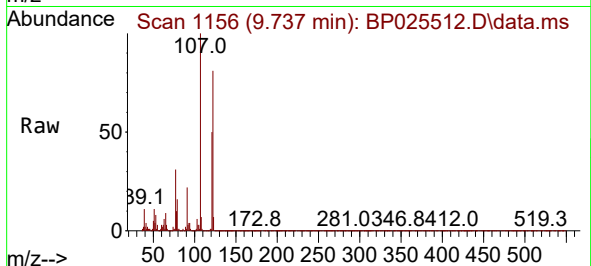
Tgt Ion:122 Resp: 381587

Ion Ratio Lower Upper

122 100

107 123.1 93.7 140.5

121 61.1 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.085 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

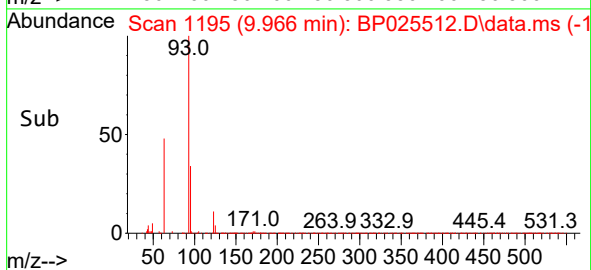
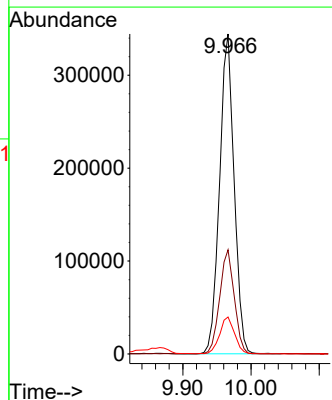
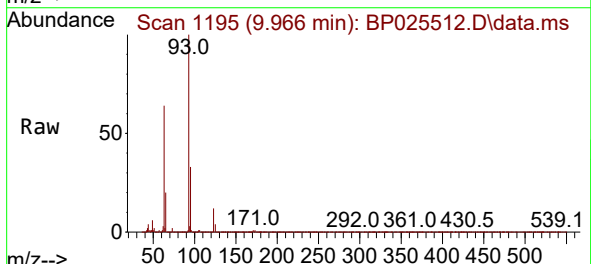
Tgt Ion: 93 Resp: 511989

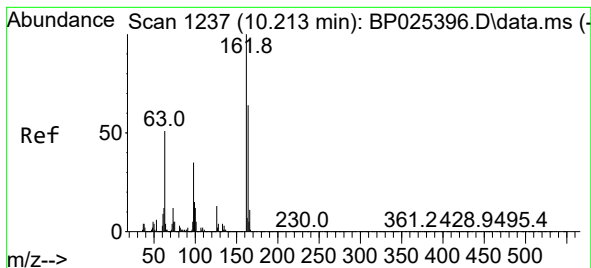
Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.0

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.068 ng

RT: 10.207 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

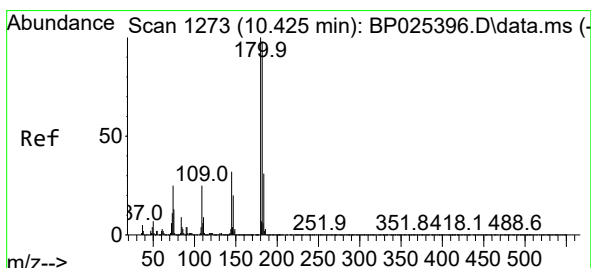
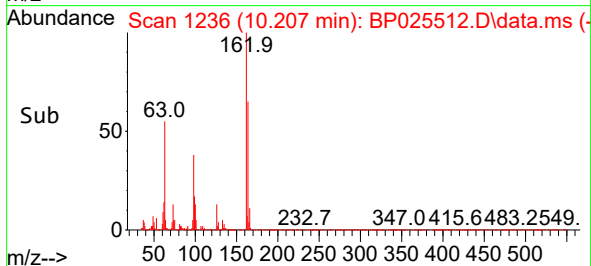
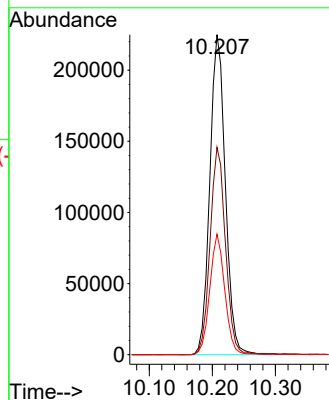
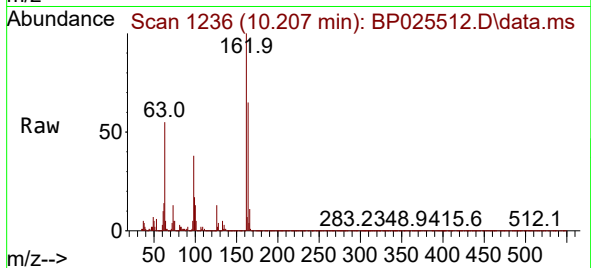
Tgt Ion:162 Resp: 384438

Ion Ratio Lower Upper

162 100

164 64.8 44.4 84.4

98 37.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 40.786 ng

RT: 10.419 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

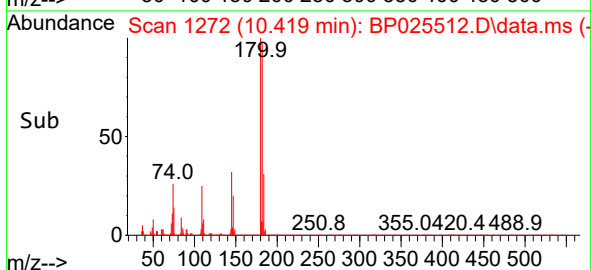
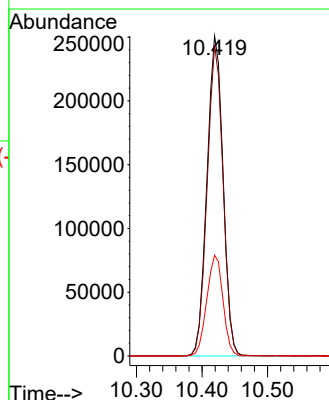
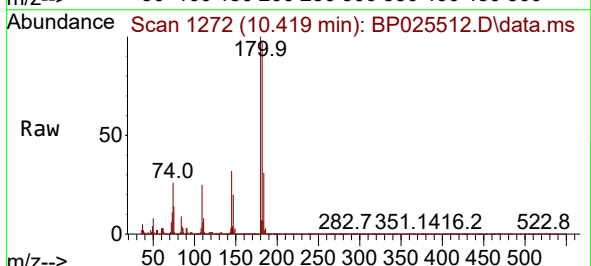
Tgt Ion:180 Resp: 428971

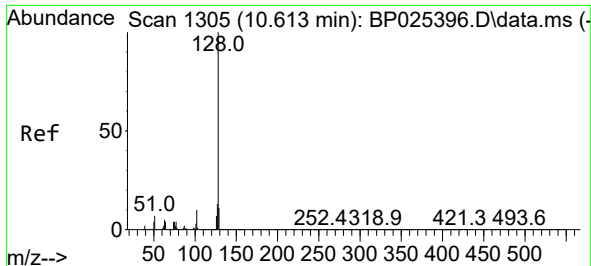
Ion Ratio Lower Upper

180 100

182 97.0 78.0 117.0

145 31.5 25.9 38.9

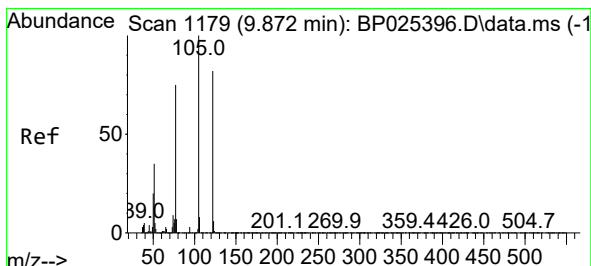
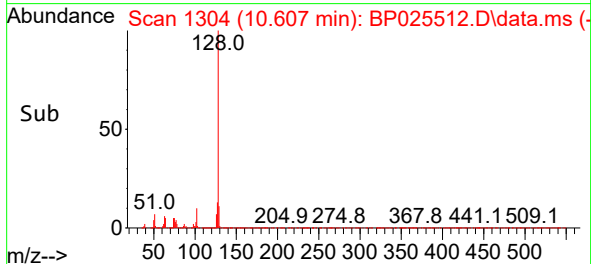
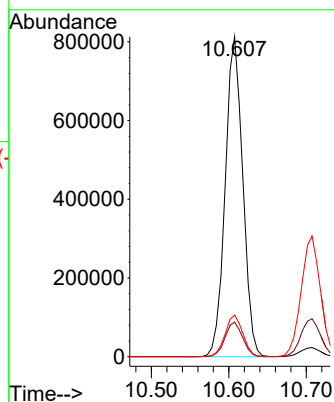
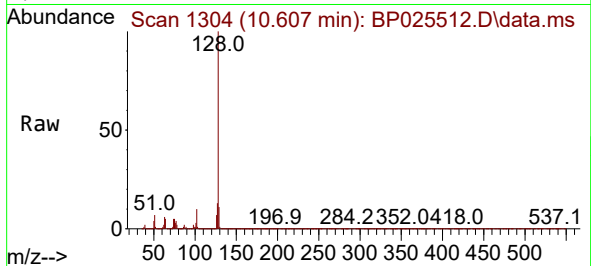




#31
Naphthalene
Concen: 39.747 ng
RT: 10.607 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

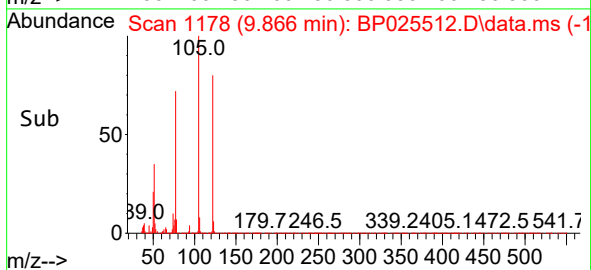
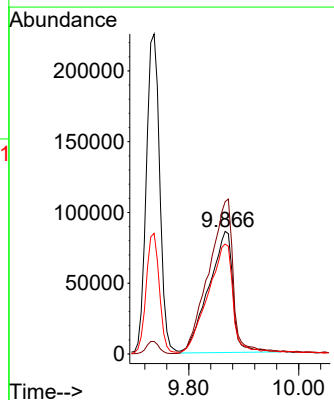
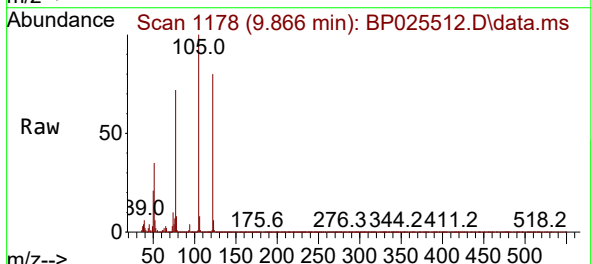
Instrument :
BNA_P
ClientSampleId :

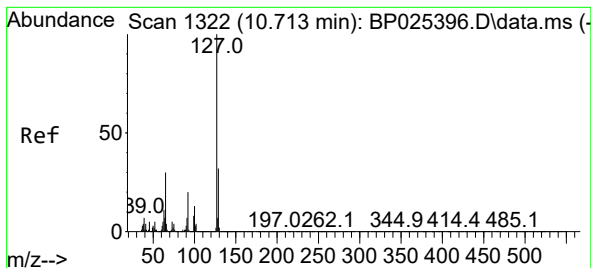
Tgt Ion:128 Resp: 1279654
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 36.722 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:122 Resp: 261847
Ion Ratio Lower Upper
122 100
105 124.3 100.6 140.6
77 89.7 71.5 111.5

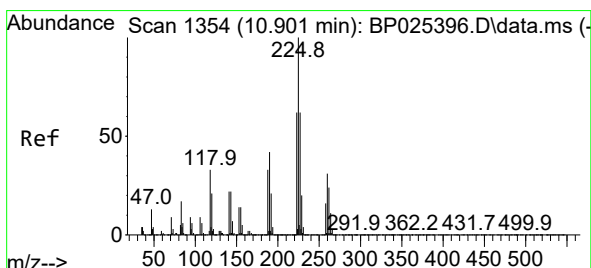
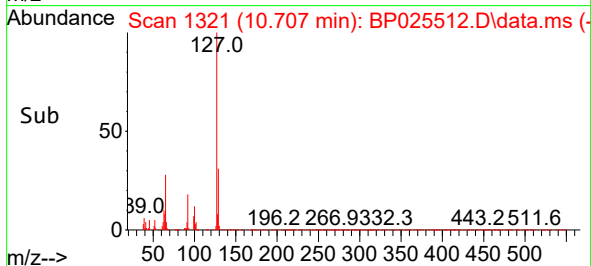
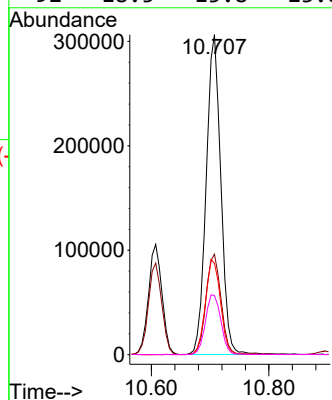
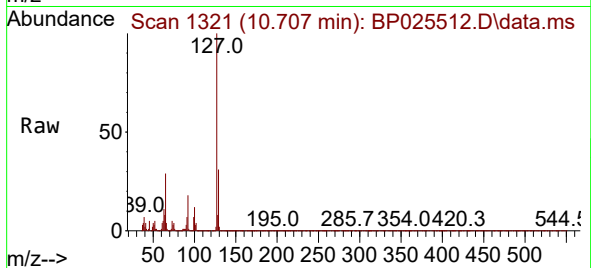




#33
4-Chloroaniline
Concen: 37.353 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

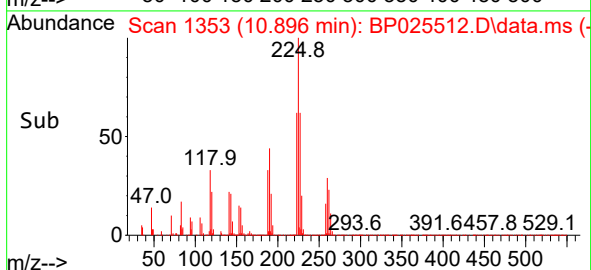
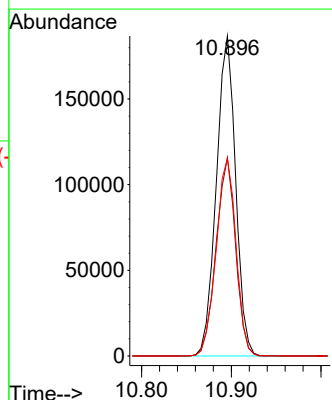
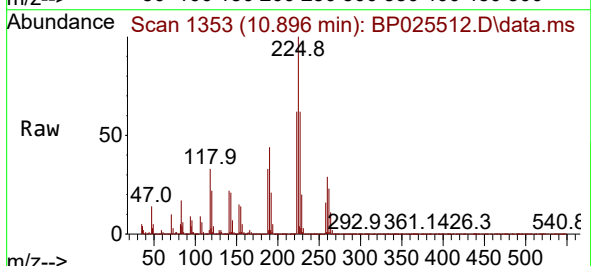
Instrument :
BNA_P
ClientSampleId :

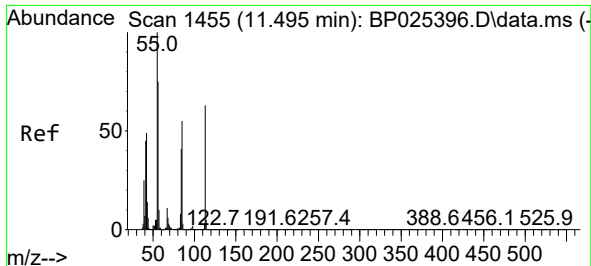
Tgt Ion:	127	Resp:	531205
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.4	38.2
65	28.5	23.8	35.6
92	18.5	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.538 ng
RT: 10.896 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:	225	Resp:	278633
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.0	75.0
227	61.7	49.7	74.5

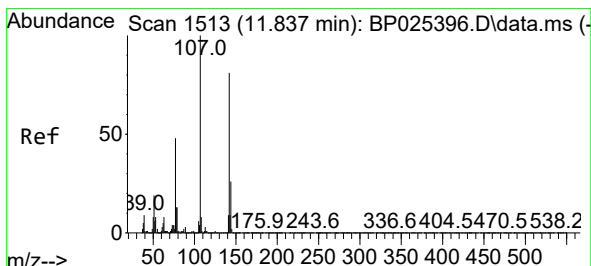
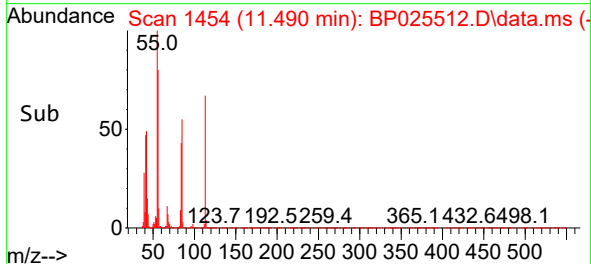
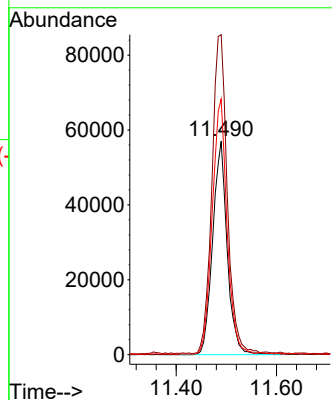
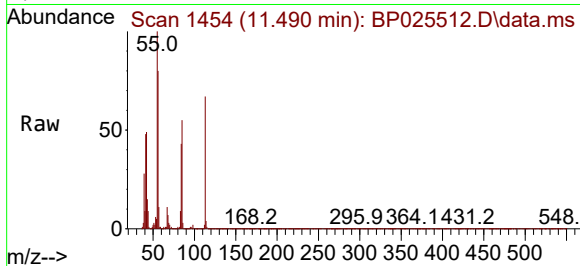




#35
Caprolactam
Concen: 32.534 ng
RT: 11.490 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

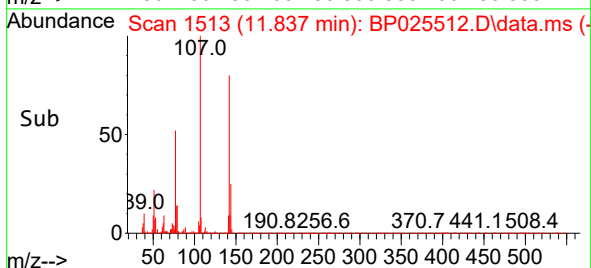
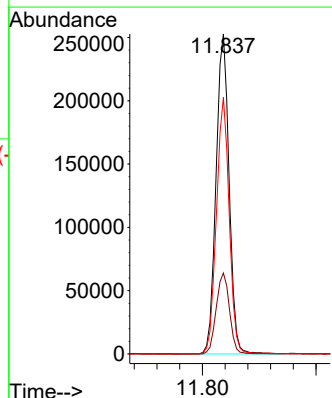
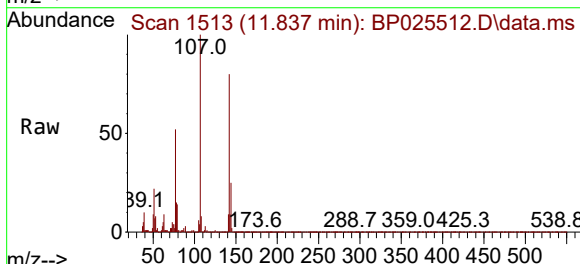
Instrument :
BNA_P
ClientSampleId :

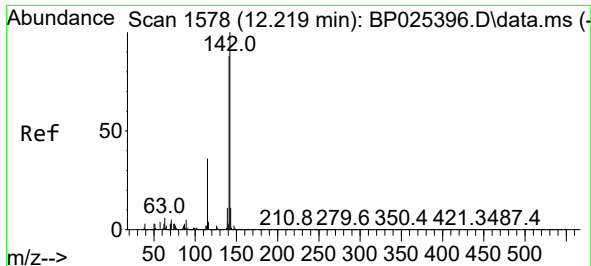
Tgt Ion:113 Resp: 114461
Ion Ratio Lower Upper
113 100
55 149.9 140.0 180.0
56 119.7 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 36.511 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:107 Resp: 401963
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.4
142 80.2 64.6 97.0

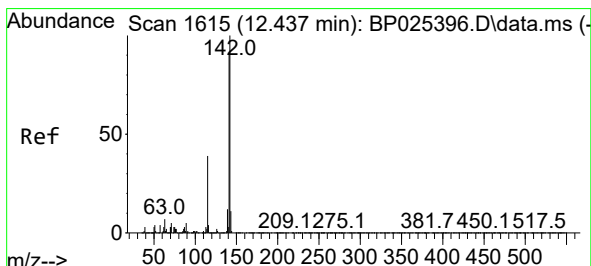
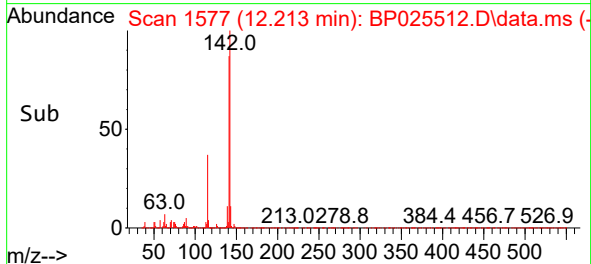
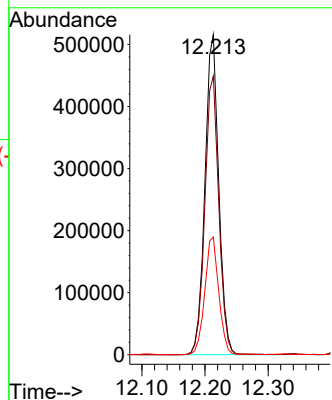
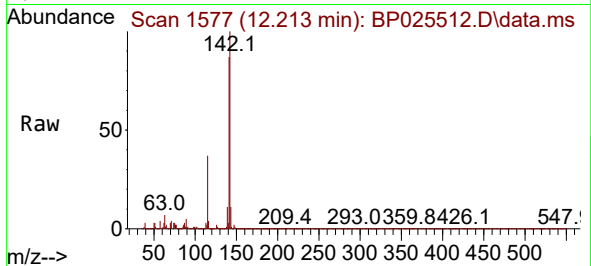




#37
2-Methylnaphthalene
Concen: 37.407 ng
RT: 12.213 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

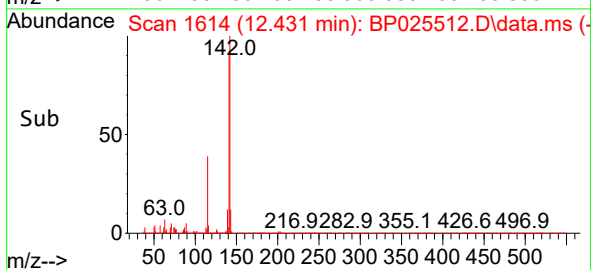
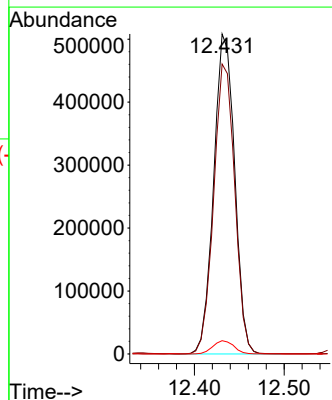
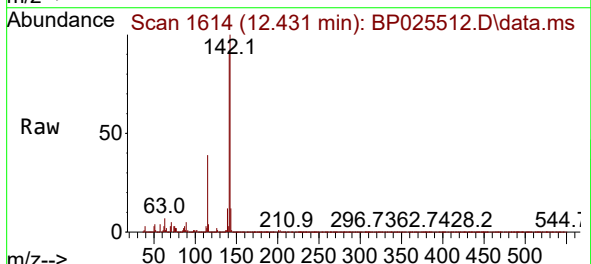
Instrument :
BNA_P
ClientSampleId :

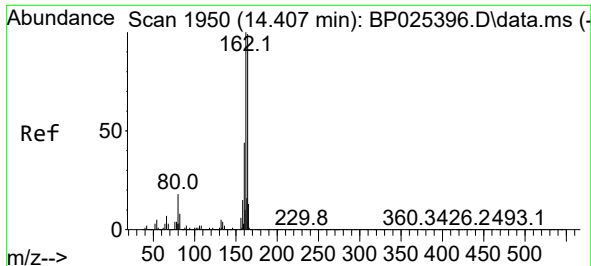
Tgt Ion:142 Resp: 783727
Ion Ratio Lower Upper
142 100
141 87.0 70.3 105.5
115 36.8 28.9 43.3



#38
1-Methylnaphthalene
Concen: 36.937 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:142 Resp: 822994
Ion Ratio Lower Upper
142 100
141 90.6 73.1 109.7
116 4.2 3.2 4.8

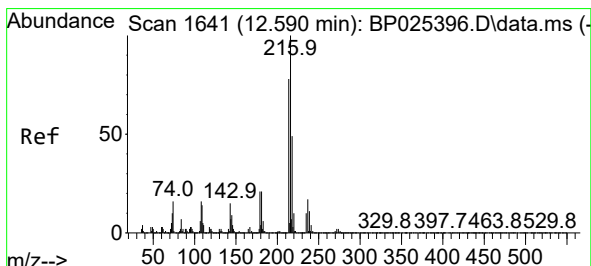
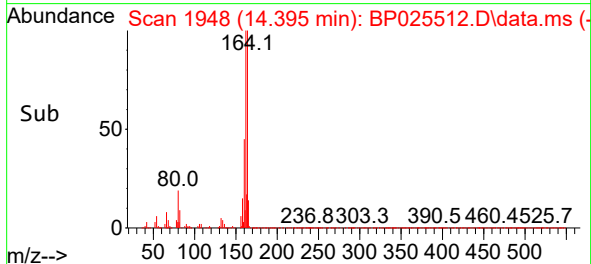
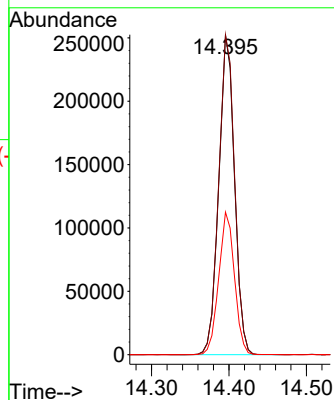
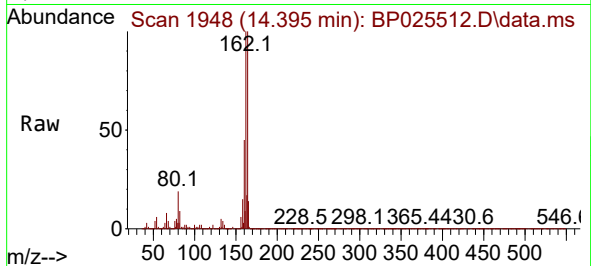




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

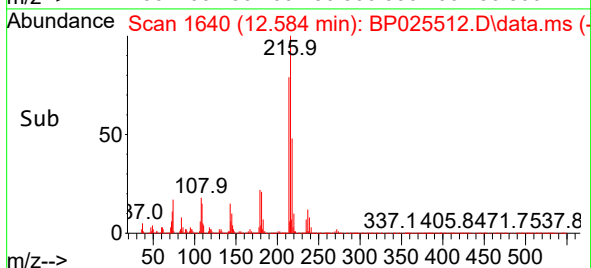
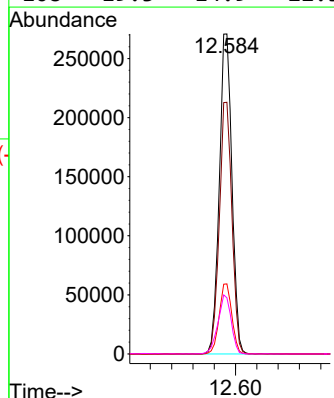
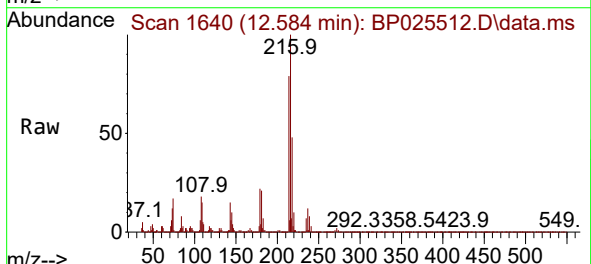
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 355189
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.6
160 44.6 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.350 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:216 Resp: 444699
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 22.0 17.1 25.7
108 19.3 14.9 22.3

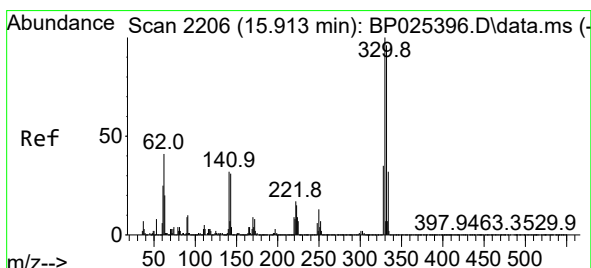
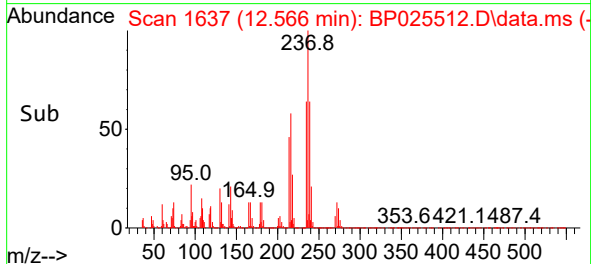
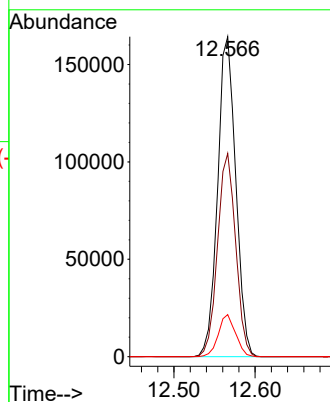
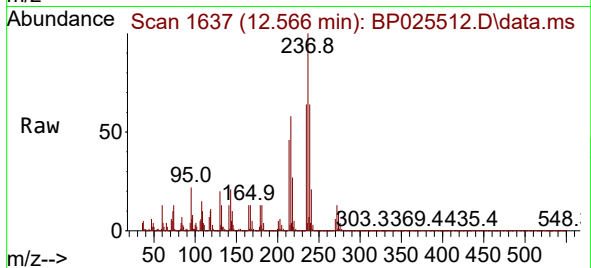




#41
Hexachlorocyclopentadiene
Concen: 41.195 ng
RT: 12.566 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

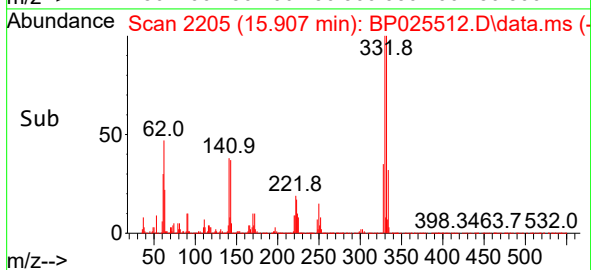
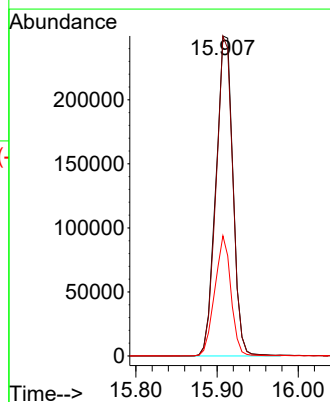
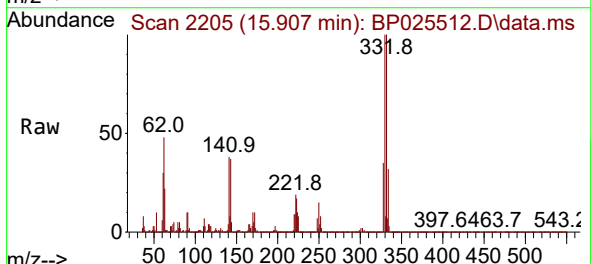
Instrument :
BNA_P
ClientSampleId :

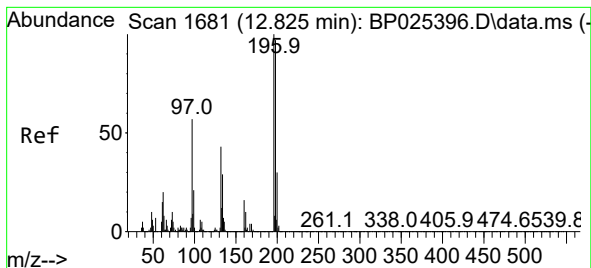
Tgt Ion:237 Resp: 255262
Ion Ratio Lower Upper
237 100
235 63.5 42.7 82.7
272 13.1 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 76.447 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:330 Resp: 365485
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 35.5 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 42.446 ng

RT: 12.825 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

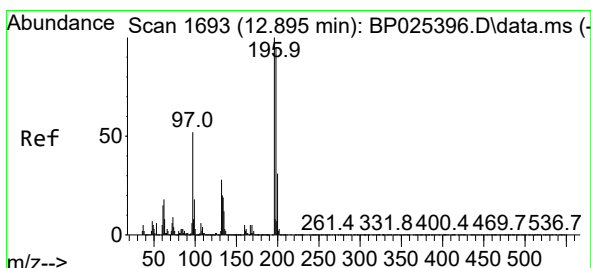
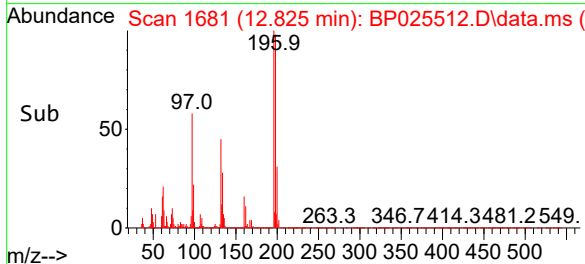
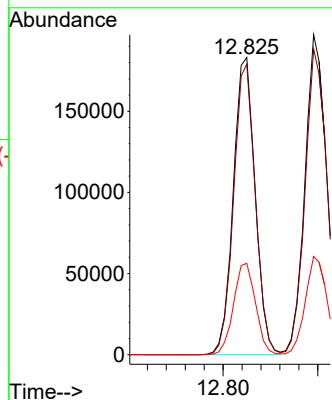
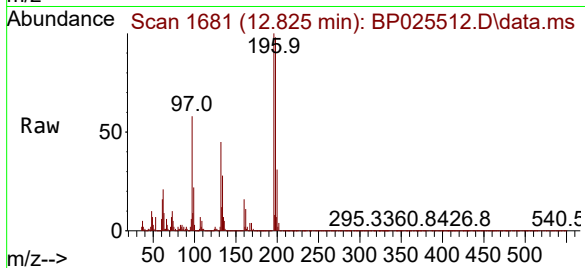
Tgt Ion:196 Resp: 293959

Ion Ratio Lower Upper

196 100

198 97.8 77.2 115.8

200 30.7 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 41.744 ng

RT: 12.896 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Tgt Ion:196 Resp: 316844

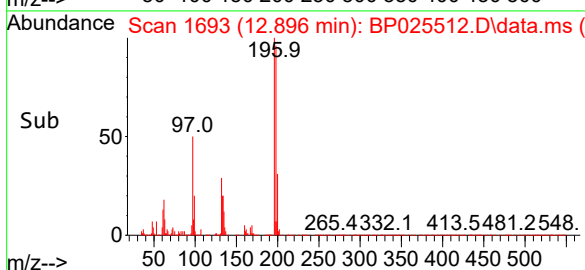
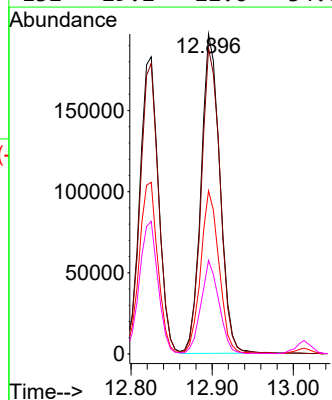
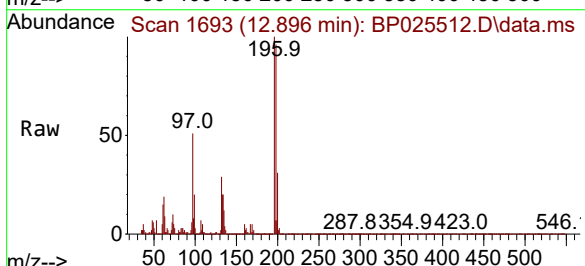
Ion Ratio Lower Upper

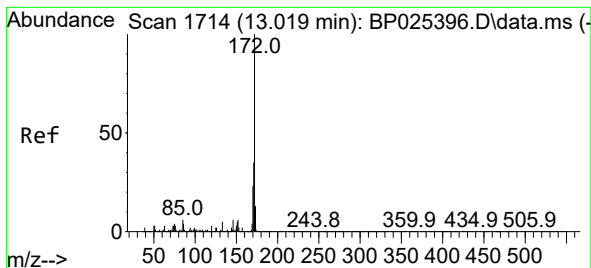
196 100

198 95.6 76.2 114.2

97 51.0 41.2 61.8

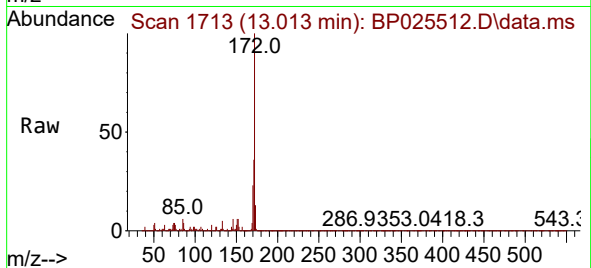
132 29.2 22.6 34.0



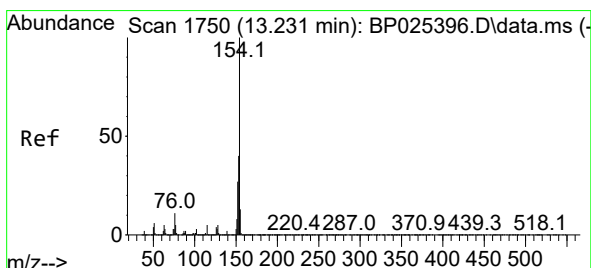
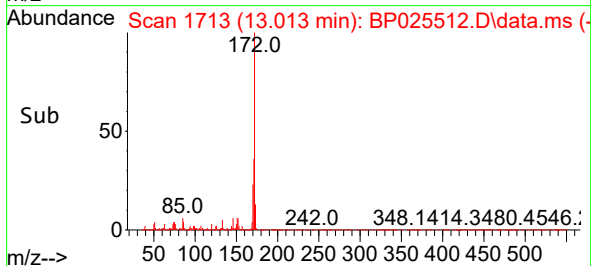
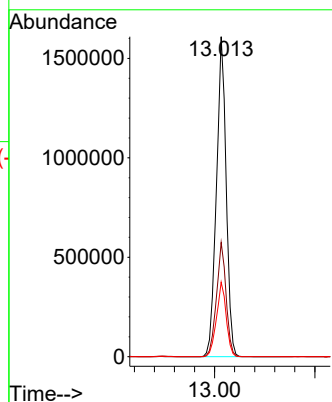


#45
2-Fluorobiphenyl
Concen: 83.434 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Instrument :
BNA_P
ClientSampleId :

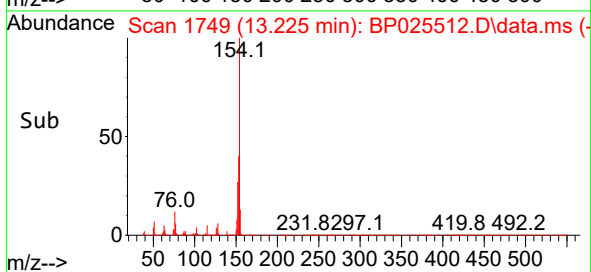
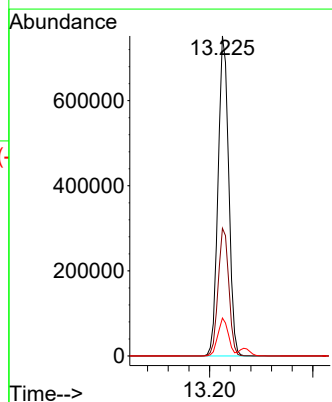
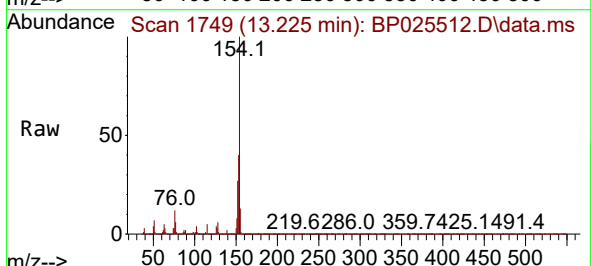


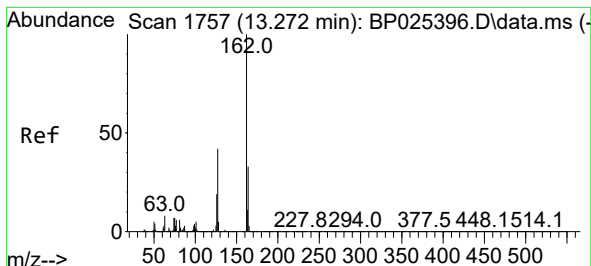
Tgt Ion:172 Resp: 2168370
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 41.508 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:154 Resp: 1070736
Ion Ratio Lower Upper
154 100
153 39.9 19.5 59.5
76 11.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 41.219 ng

RT: 13.266 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

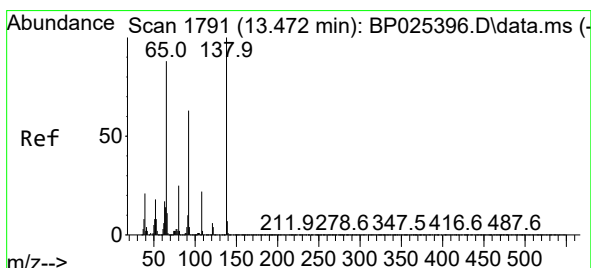
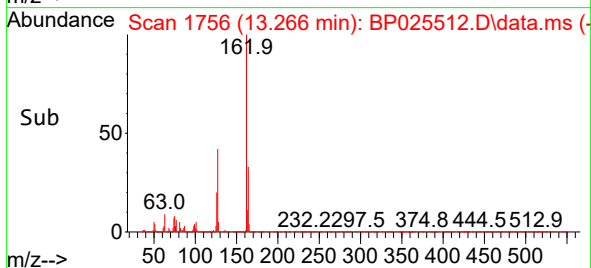
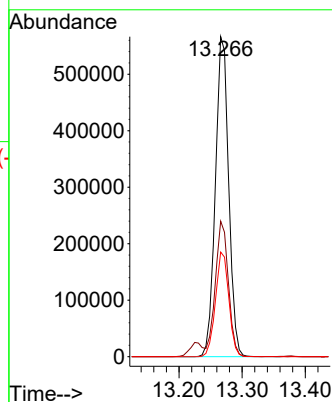
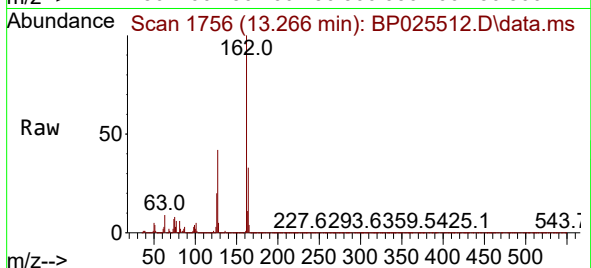
Tgt Ion:162 Resp: 827743

Ion Ratio Lower Upper

162 100

127 42.3 33.4 50.2

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 41.628 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

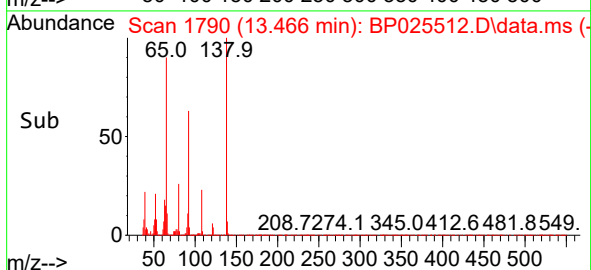
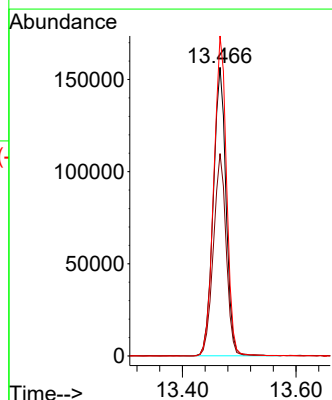
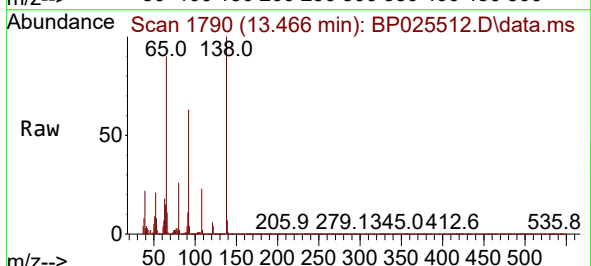
Tgt Ion: 65 Resp: 243579

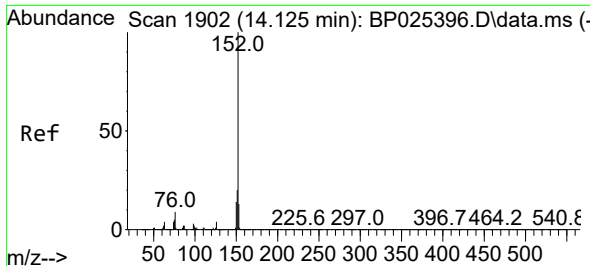
Ion Ratio Lower Upper

65 100

92 70.1 57.6 86.4

138 110.9 91.0 136.6

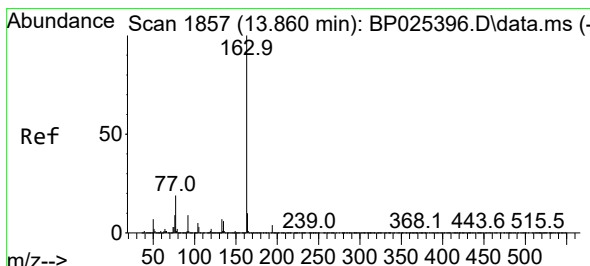
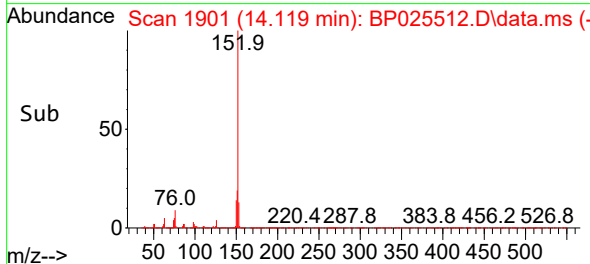
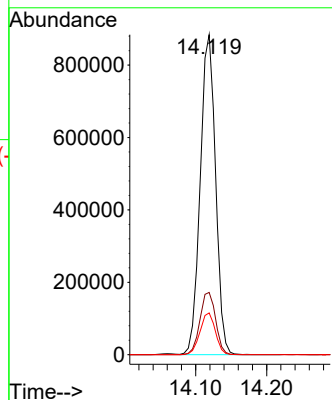
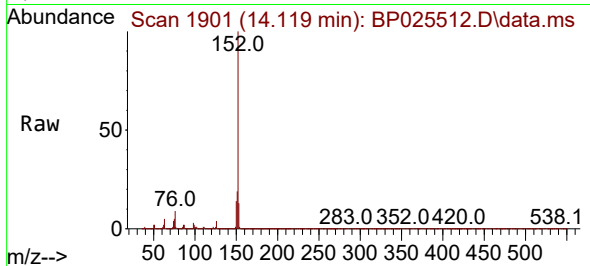




#49
Acenaphthylene
Concen: 40.001 ng
RT: 14.119 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

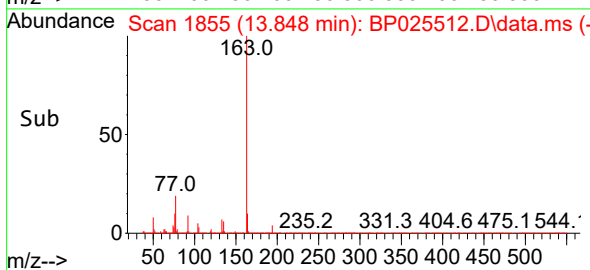
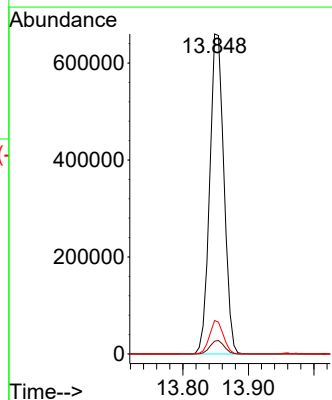
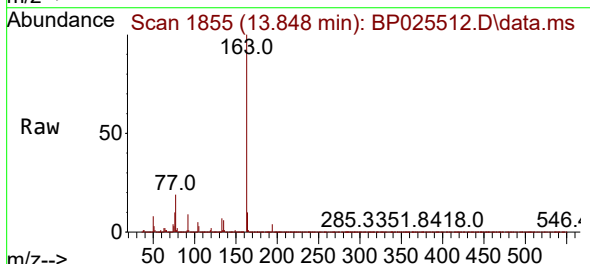
Instrument :
BNA_P
ClientSampleId :

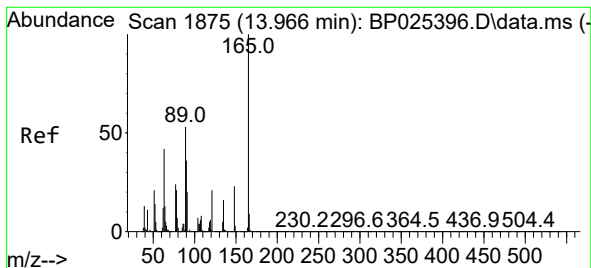
Tgt Ion:152 Resp: 1329242
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 38.219 ng
RT: 13.848 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:163 Resp: 994069
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.4 7.9 11.9

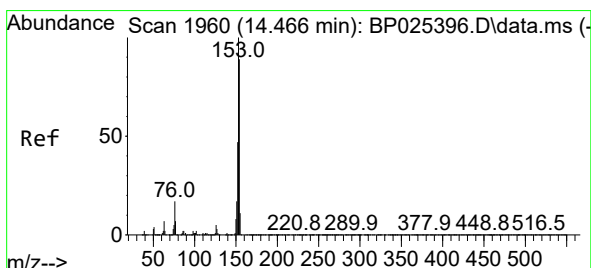
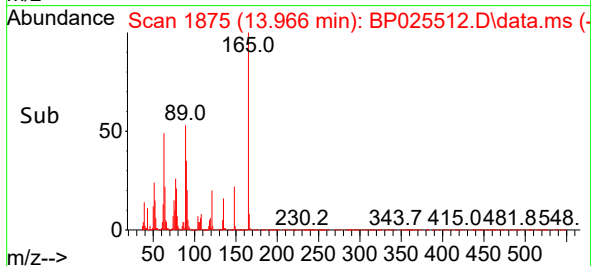
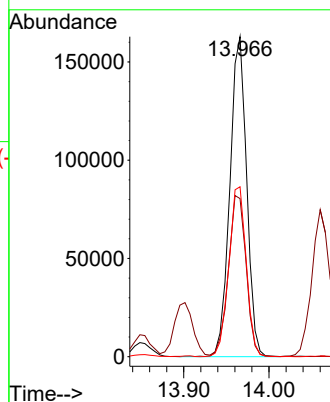
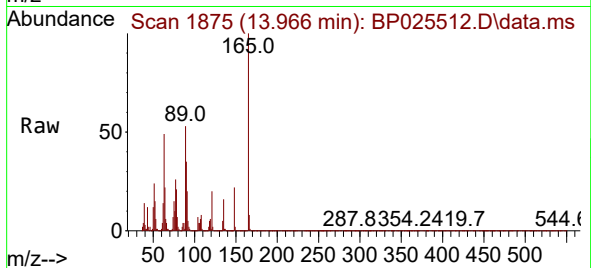




#51
2,6-Dinitrotoluene
Concen: 40.576 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

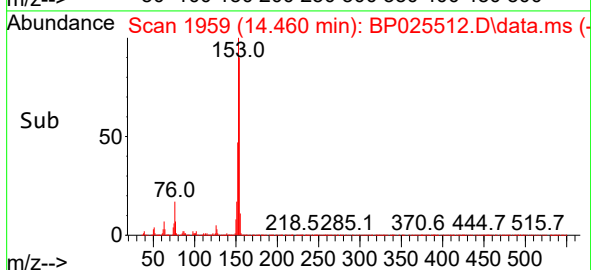
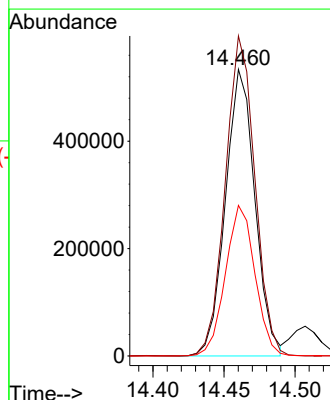
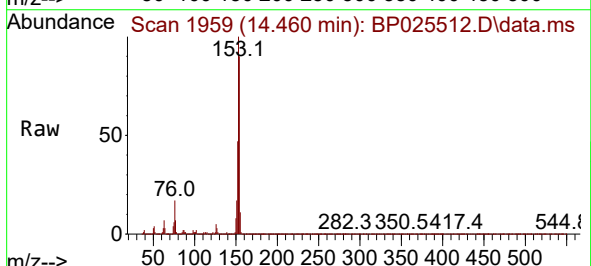
Instrument :
BNA_P
ClientSampleId :

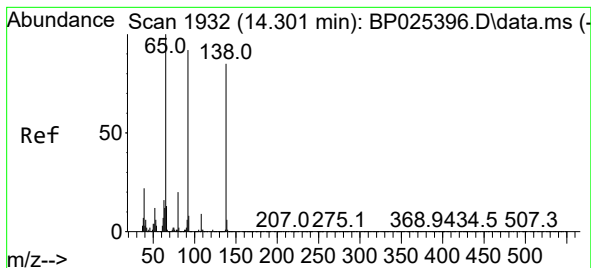
Tgt Ion:165 Resp: 222447
Ion Ratio Lower Upper
165 100
63 49.4 40.9 61.3
89 53.1 42.1 63.1



#52
Acenaphthene
Concen: 39.546 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:154 Resp: 771351
Ion Ratio Lower Upper
154 100
153 111.7 90.2 135.2
152 52.5 42.1 63.1

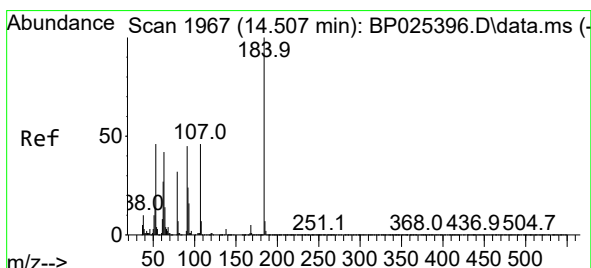
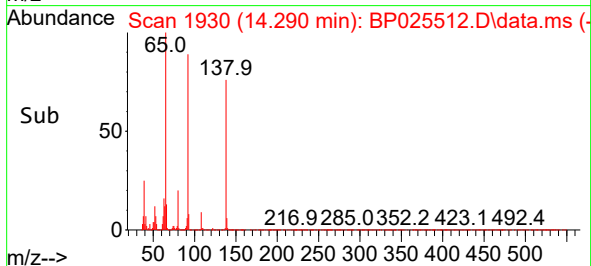
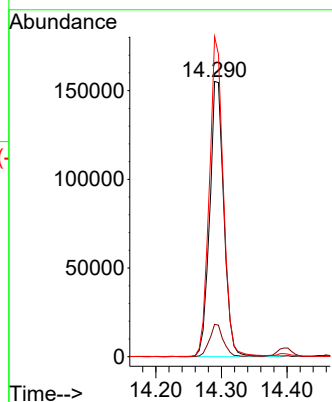
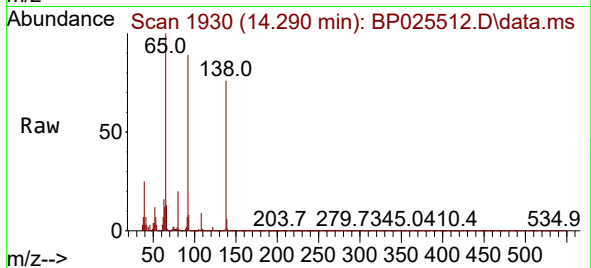




#53
3-Nitroaniline
Concen: 37.912 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

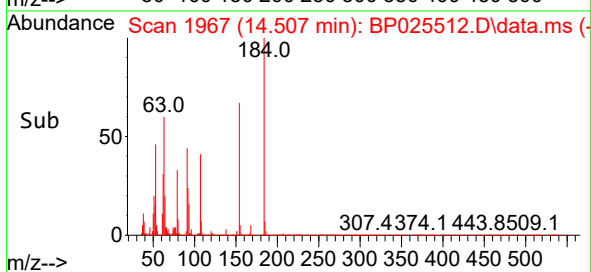
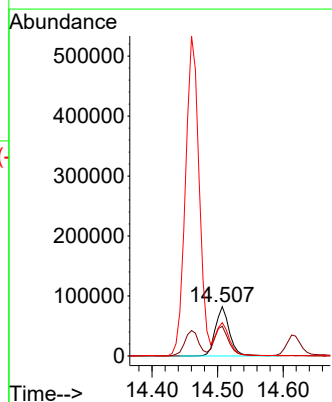
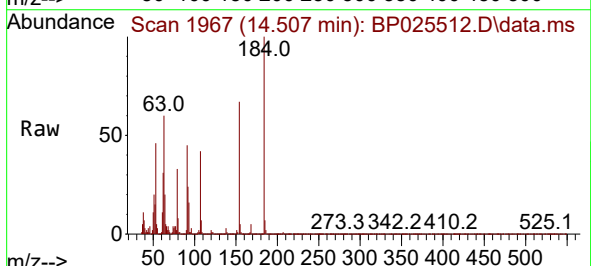
Instrument :
BNA_P
ClientSampleId :

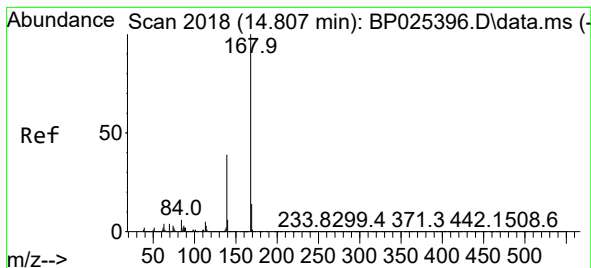
Tgt Ion:138 Resp: 233840
Ion Ratio Lower Upper
138 100
108 11.8 8.3 12.5
92 116.3 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 41.686 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:184 Resp: 122042
Ion Ratio Lower Upper
184 100
63 60.0 49.4 74.2
154 67.5 54.6 82.0





#55

Dibenzenofuran

Concen: 39.221 ng

RT: 14.801 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

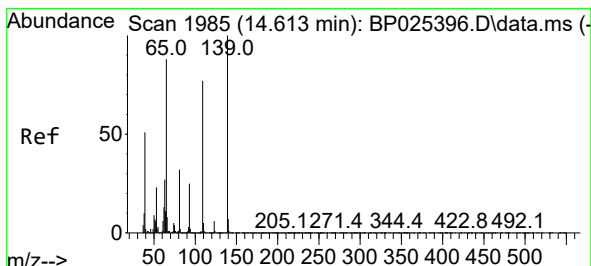
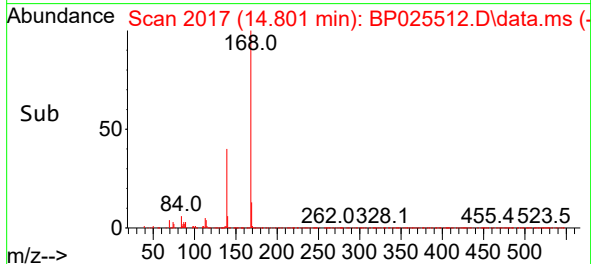
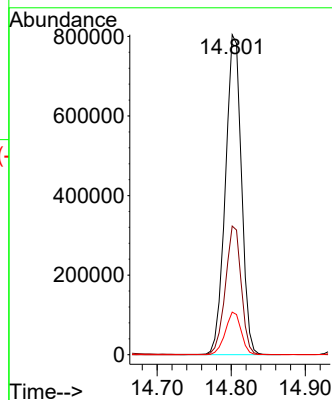
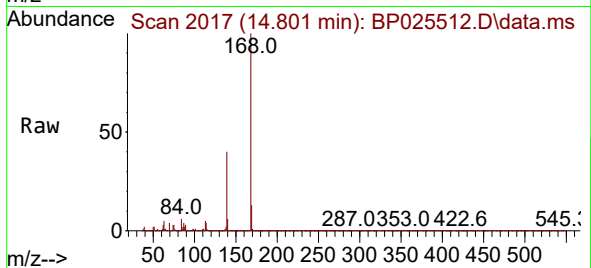
Tgt Ion:168 Resp: 1209507

Ion Ratio Lower Upper

168 100

139 40.2 31.5 47.3

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 37.212 ng

RT: 14.613 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

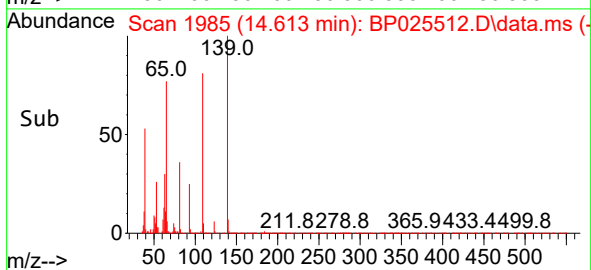
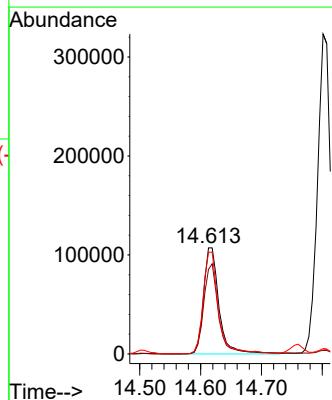
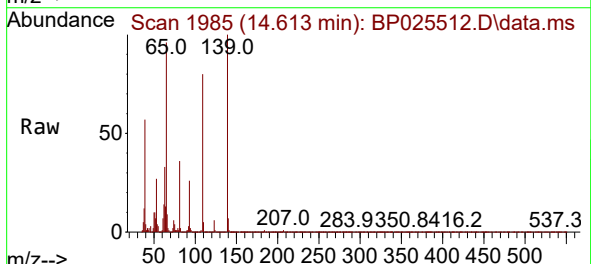
Tgt Ion:139 Resp: 188606

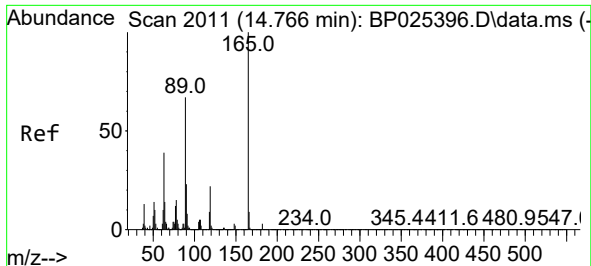
Ion Ratio Lower Upper

139 100

109 79.8 56.6 96.6

65 95.8 68.2 108.2





#57

2,4-Dinitrotoluene

Concen: 39.004 ng

RT: 14.760 min Scan# 2011

Delta R.T. -0.006 min

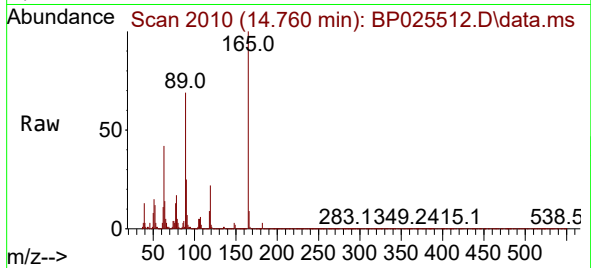
Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:165 Resp: 305079

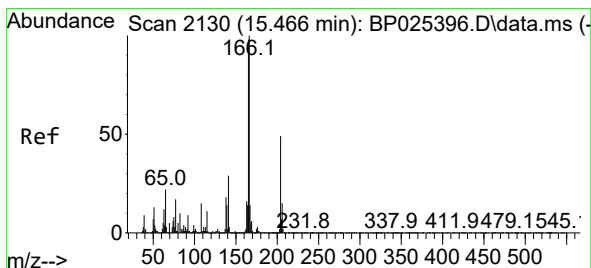
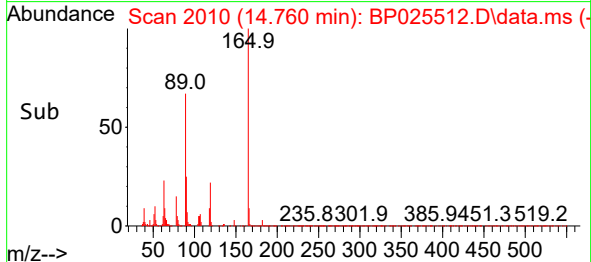
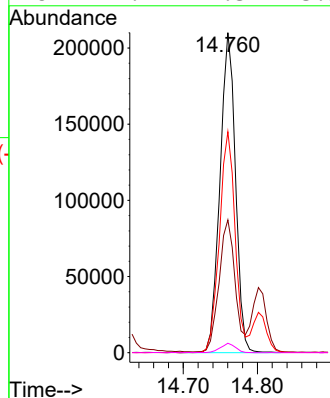
Ion Ratio Lower Upper

165 100

63 41.5 31.4 47.2

89 69.1 53.3 79.9

182 2.9 2.3 3.5



#58

Fluorene

Concen: 38.132 ng

RT: 15.460 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

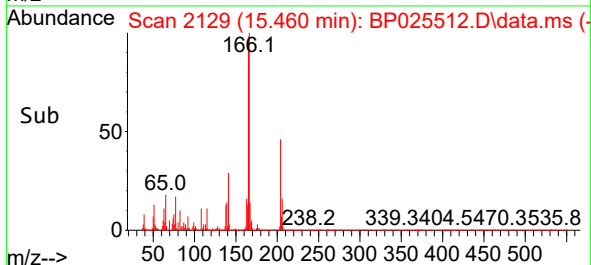
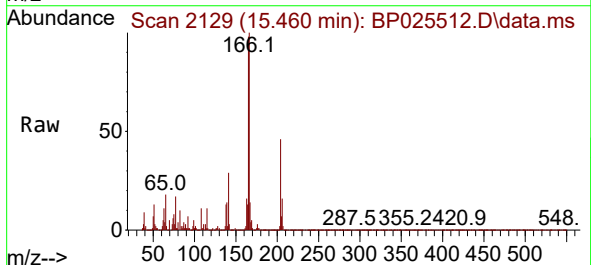
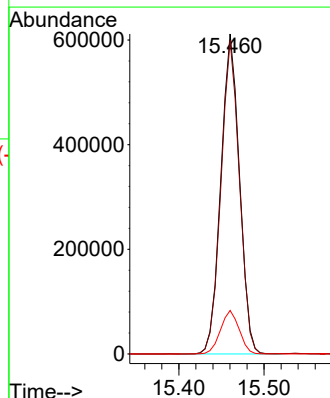
Tgt Ion:166 Resp: 927874

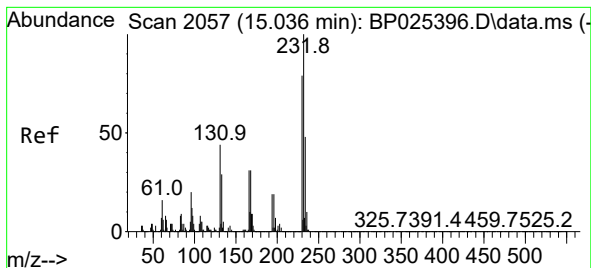
Ion Ratio Lower Upper

166 100

165 98.0 78.8 118.2

167 13.6 11.0 16.4

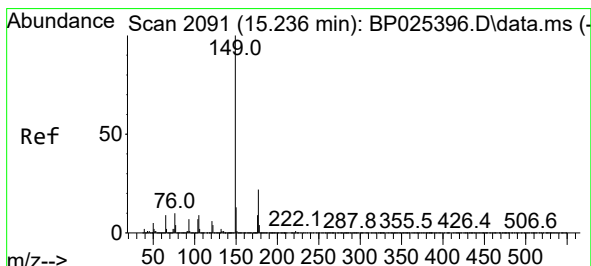
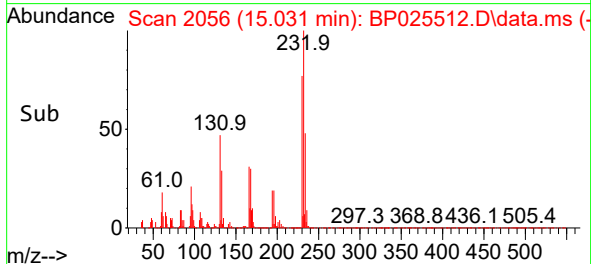
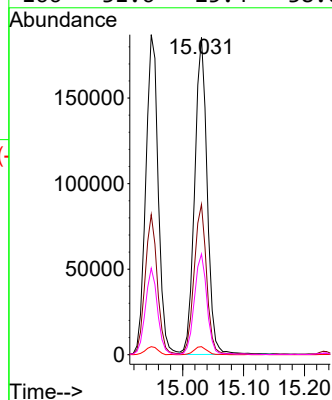
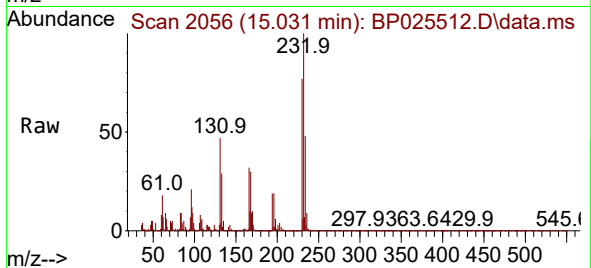




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.405 ng
RT: 15.031 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

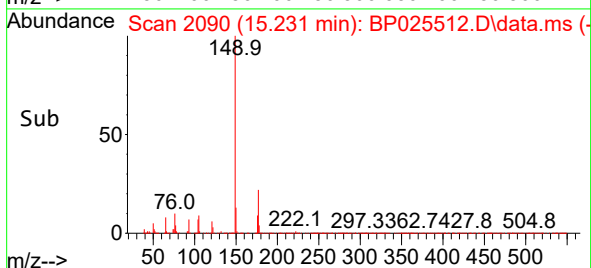
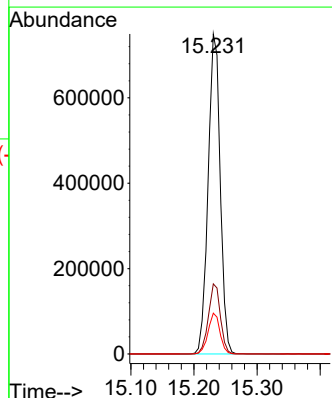
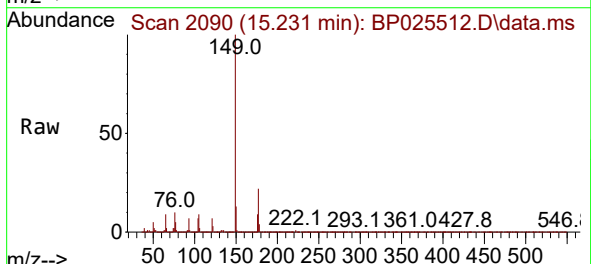
Instrument :
BNA_P
ClientSampleId :

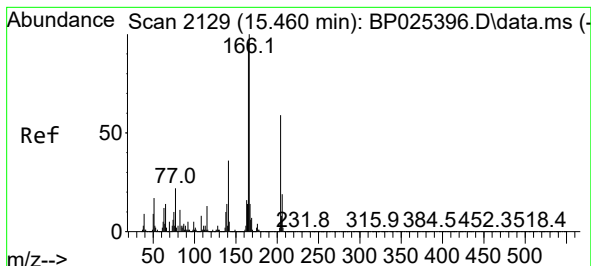
Tgt Ion:232 Resp: 264092
Ion Ratio Lower Upper
232 100
131 46.7 37.0 55.6
130 2.6 1.9 2.9
166 31.6 25.4 38.0



#60
Diethylphthalate
Concen: 37.688 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:149 Resp: 996051
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 12.8 10.3 15.5

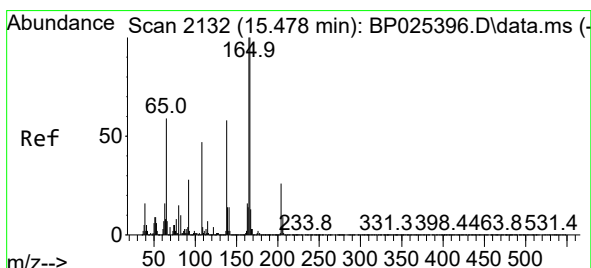
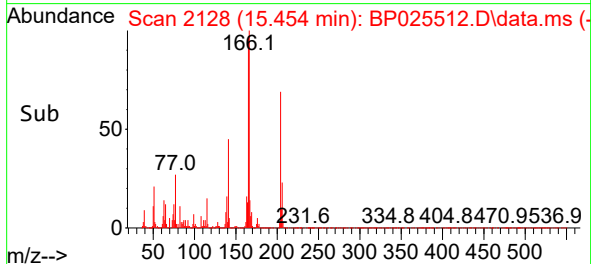
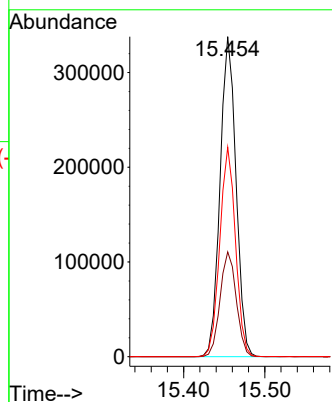
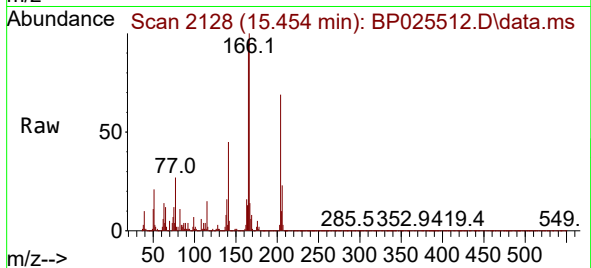




#61
4-Chlorophenyl-phenylether
Concen: 38.204 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

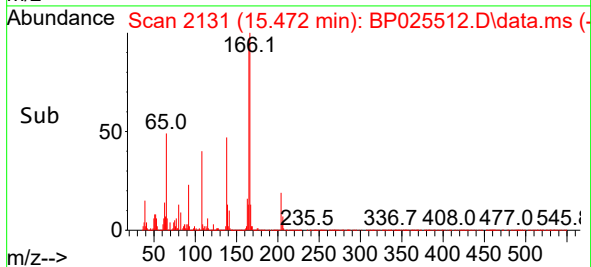
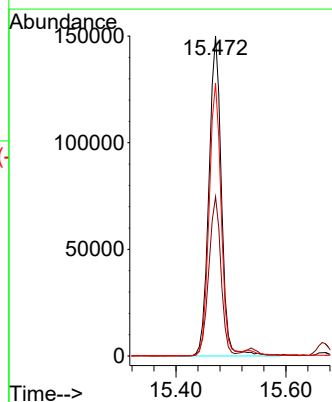
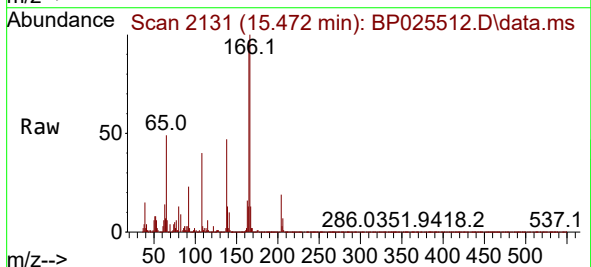
Instrument :
BNA_P
ClientSampleId :

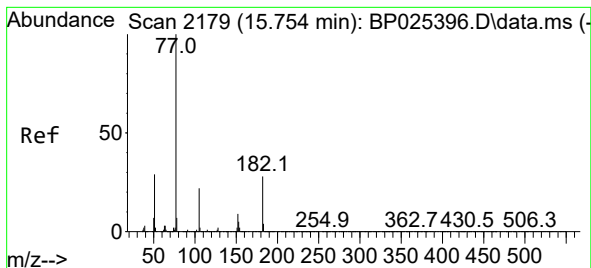
Tgt Ion:204 Resp: 462336
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 65.4 49.4 74.2



#62
4-Nitroaniline
Concen: 37.321 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:138 Resp: 235988
Ion Ratio Lower Upper
138 100
92 49.7 29.1 69.1
108 85.2 61.5 101.5





#63

Azobenzene

Concen: 39.346 ng

RT: 15.754 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 77 Resp: 890410

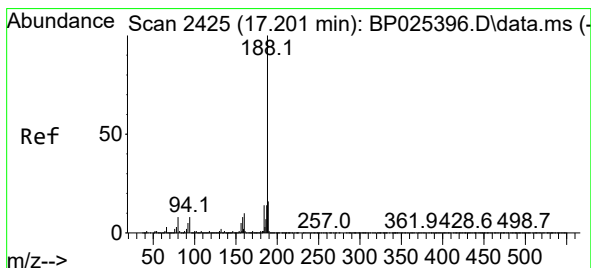
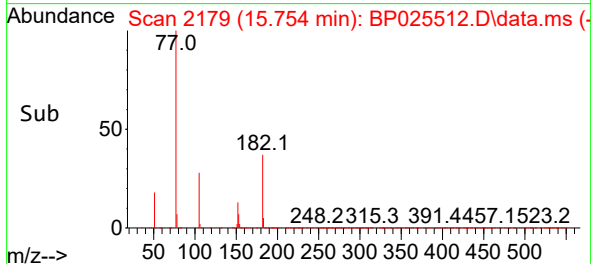
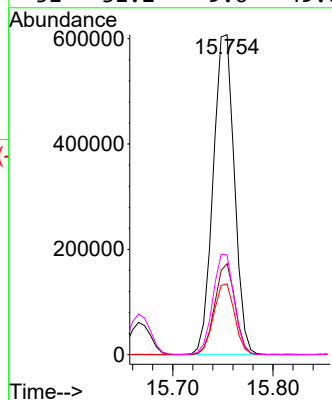
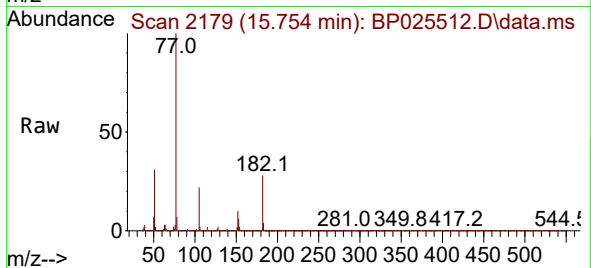
Ion Ratio Lower Upper

77 100

182 28.4 7.5 47.5

105 22.1 2.1 42.1

51 31.2 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: BP025512.D

Acq: 20 Aug 2025 18:27

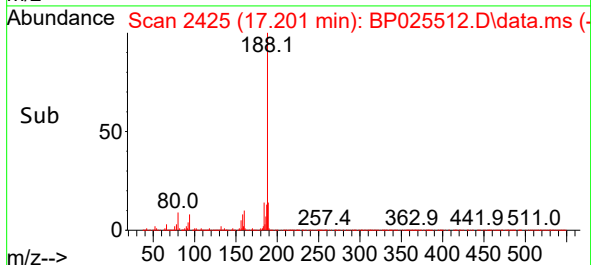
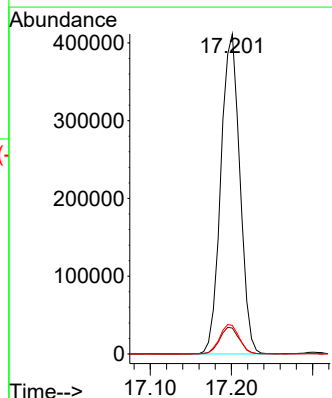
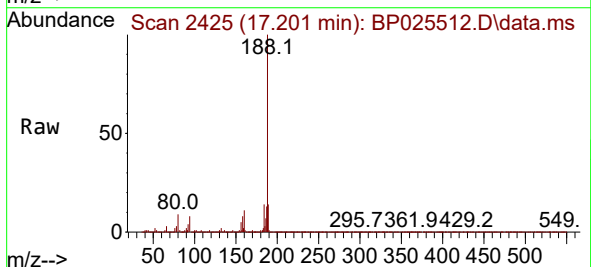
Tgt Ion:188 Resp: 670328

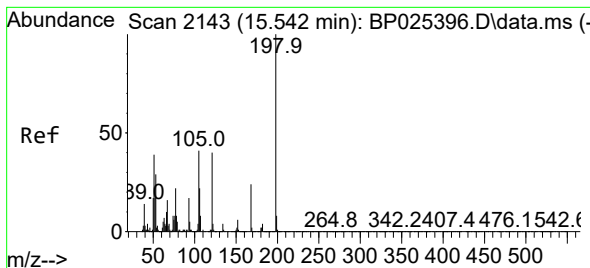
Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

80 8.9 6.7 10.1

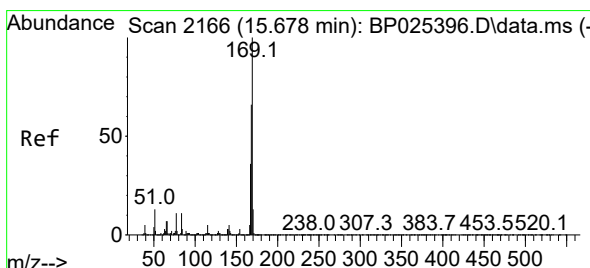
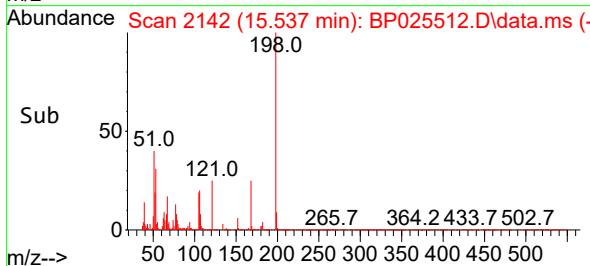
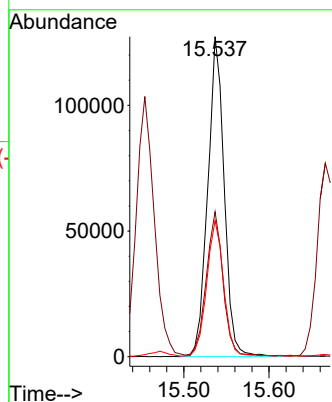
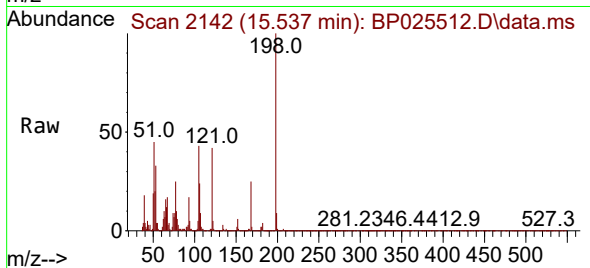




#65
4,6-Dinitro-2-methylphenol
Concen: 40.860 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

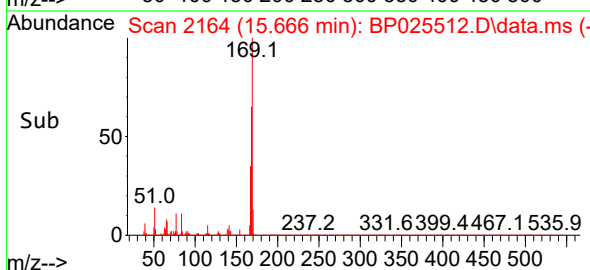
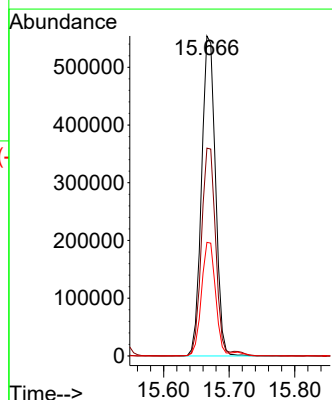
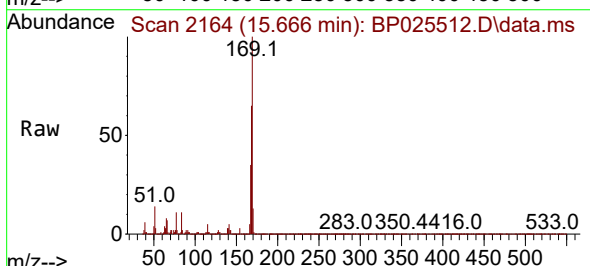
Instrument :
BNA_P
ClientSampleId :

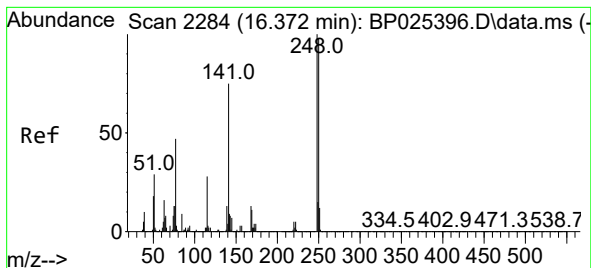
Tgt Ion:198 Resp: 170735
Ion Ratio Lower Upper
198 100
51 45.3 19.6 59.6
105 42.5 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 39.942 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:169 Resp: 816452
Ion Ratio Lower Upper
169 100
168 65.0 53.2 79.8
167 35.5 28.7 43.1

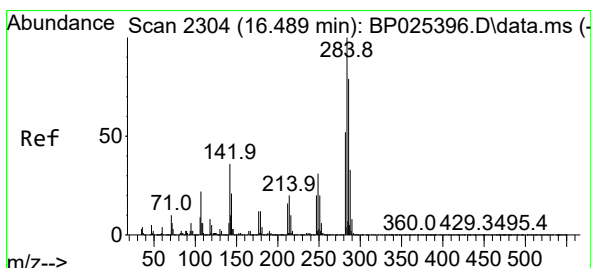
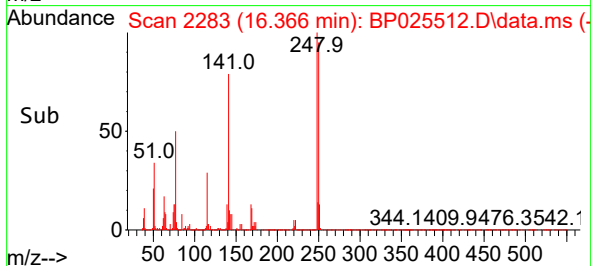
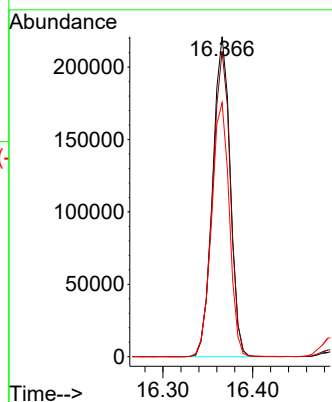
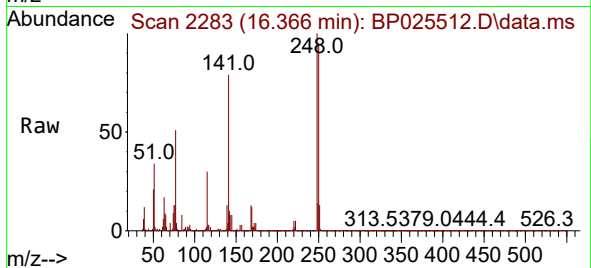




#67
4-Bromophenyl-phenylether
Concen: 40.668 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

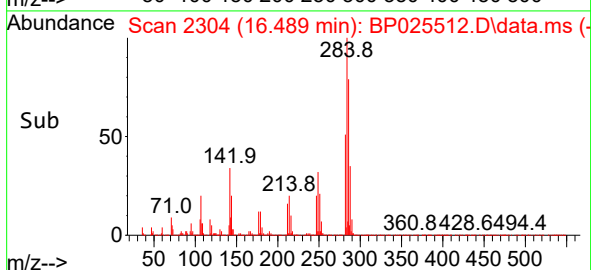
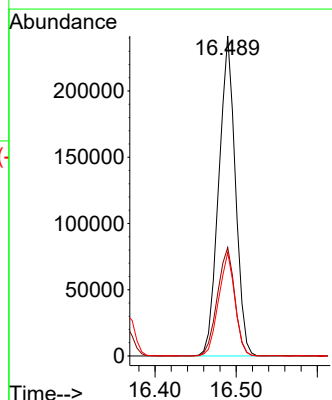
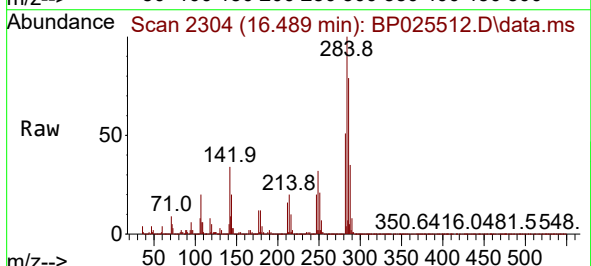
Instrument :
BNA_P
ClientSampleId :

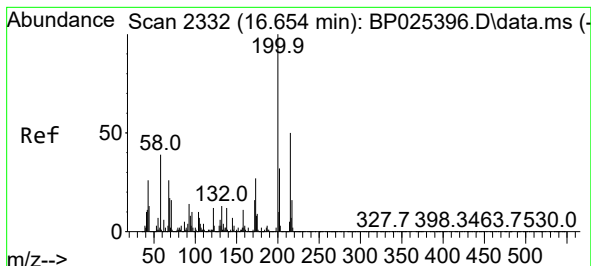
Tgt Ion:248 Resp: 299821
Ion Ratio Lower Upper
248 100
250 95.4 78.2 117.2
141 79.4 59.6 89.4



#68
Hexachlorobenzene
Concen: 40.230 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:284 Resp: 343811
Ion Ratio Lower Upper
284 100
142 33.9 29.1 43.7
249 32.3 25.0 37.4





#69

Atrazine

Concen: 38.670 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

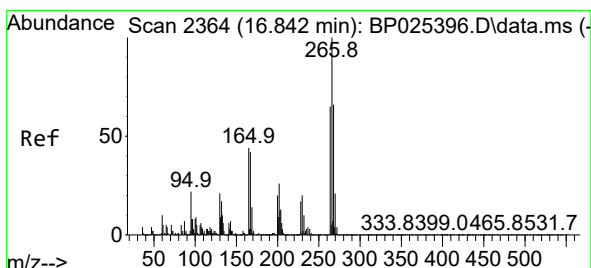
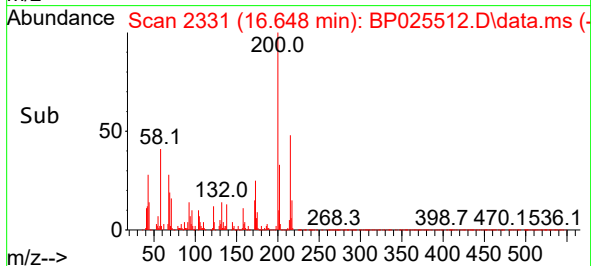
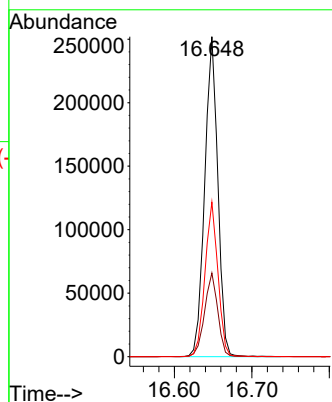
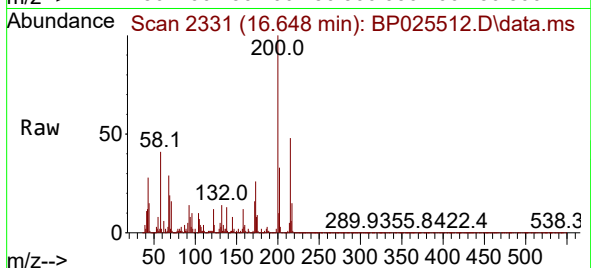
Tgt Ion:200 Resp: 296023

Ion Ratio Lower Upper

200 100

173 26.2 6.7 46.7

215 48.3 29.7 69.7



#70

Pentachlorophenol

Concen: 41.514 ng

RT: 16.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

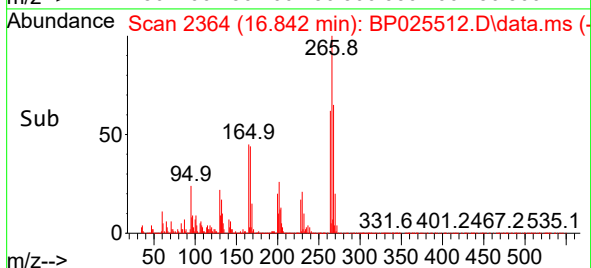
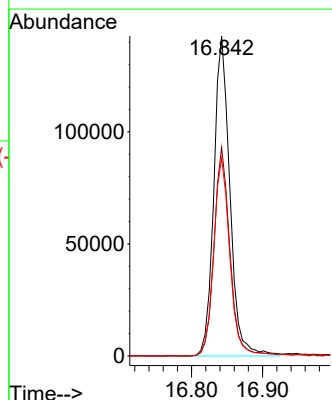
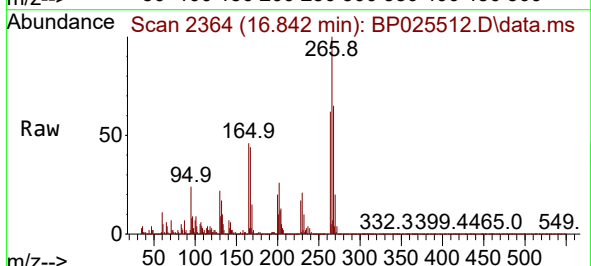
Tgt Ion:266 Resp: 223956

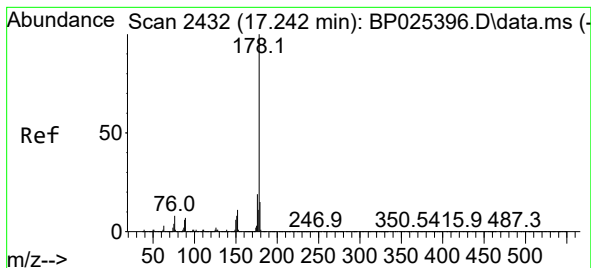
Ion Ratio Lower Upper

266 100

268 65.2 52.6 79.0

264 61.8 52.0 78.0





#71

Phenanthrene

Concen: 39.517 ng

RT: 17.248 min Scan# 2432

Delta R.T. 0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

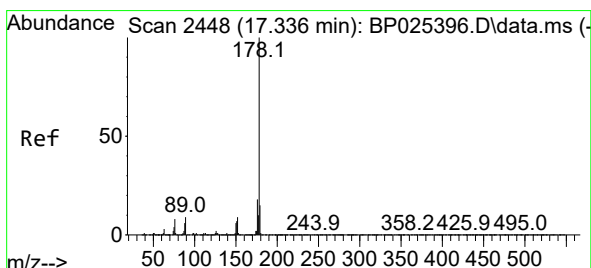
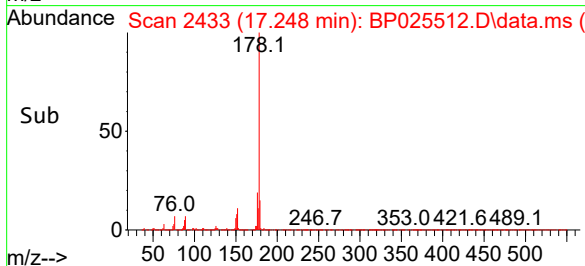
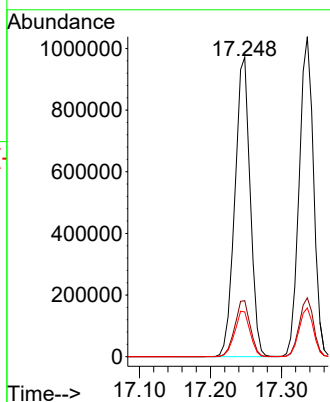
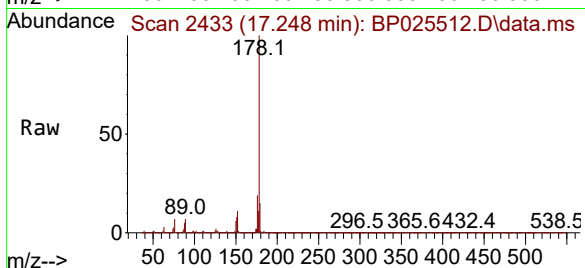
Tgt Ion:178 Resp: 1455152

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 15.0 12.2 18.4



#72

Anthracene

Concen: 38.632 ng

RT: 17.336 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

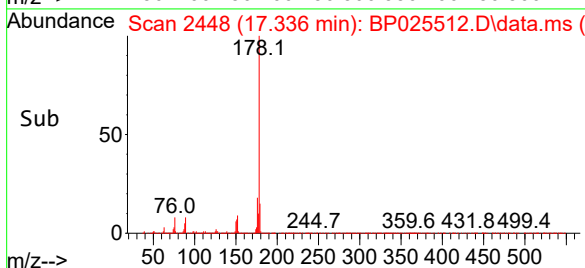
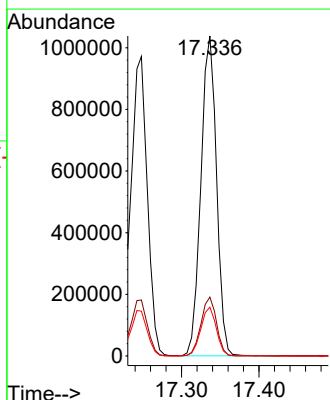
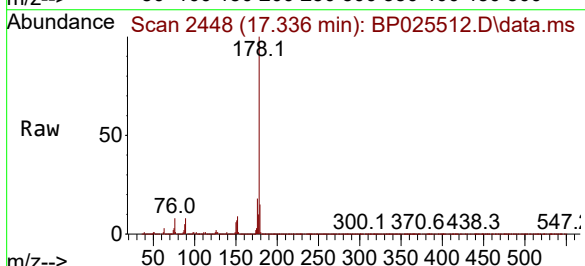
Tgt Ion:178 Resp: 1452720

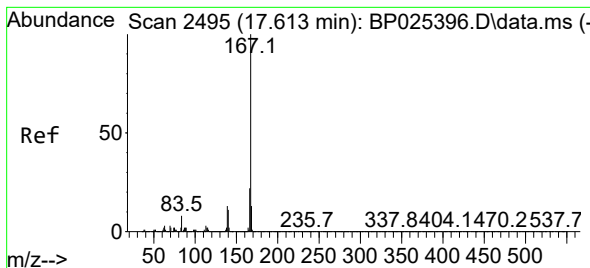
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.2 12.2 18.2





#73

Carbazole

Concen: 38.700 ng

RT: 17.613 min Scan# 2495

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

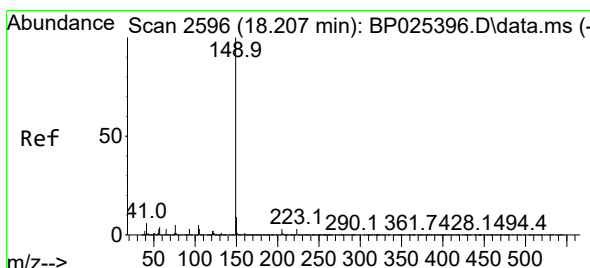
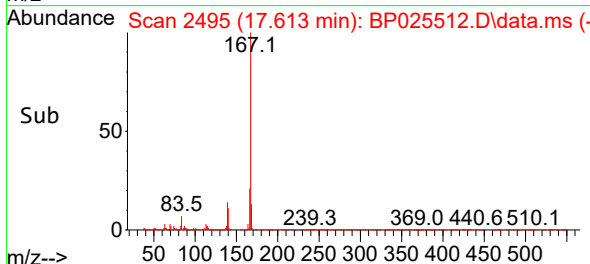
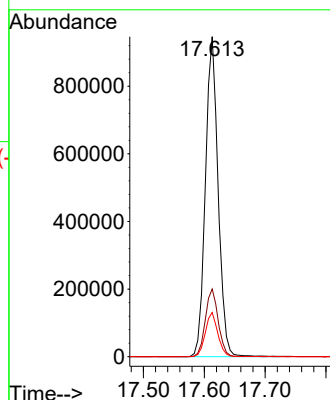
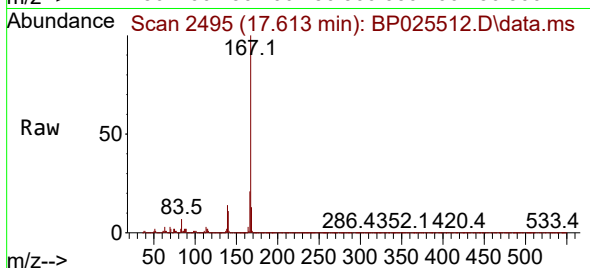
Tgt Ion:167 Resp: 1370739

Ion Ratio Lower Upper

167 100

166 21.2 17.5 26.3

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 40.436 ng

RT: 18.213 min Scan# 2597

Delta R.T. 0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

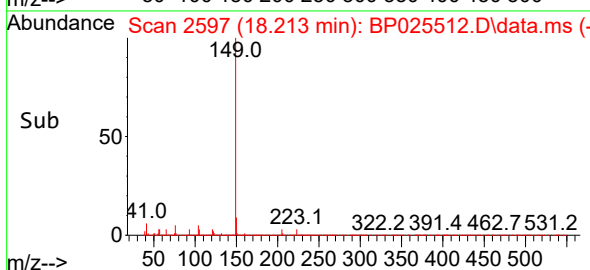
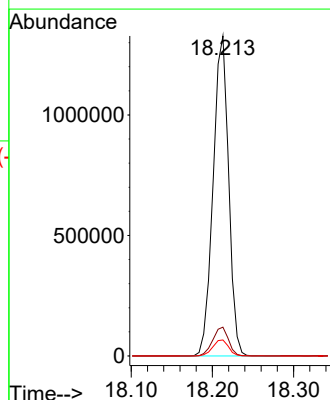
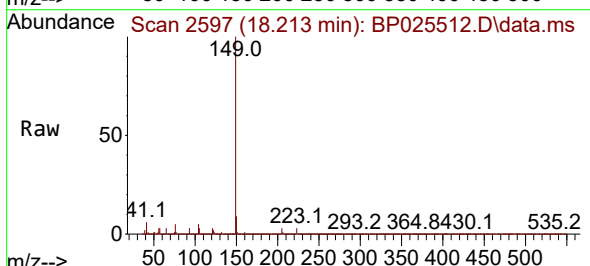
Tgt Ion:149 Resp: 1762119

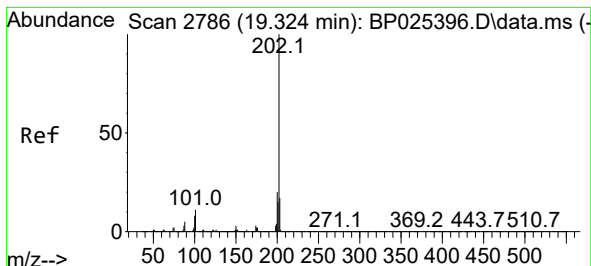
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 38.675 ng

RT: 19.325 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

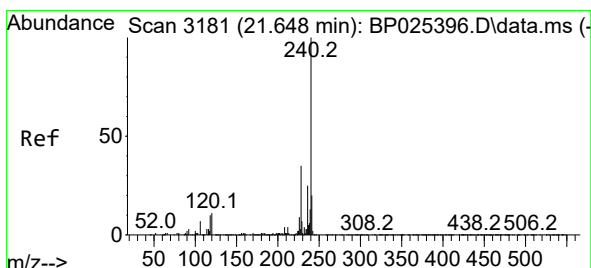
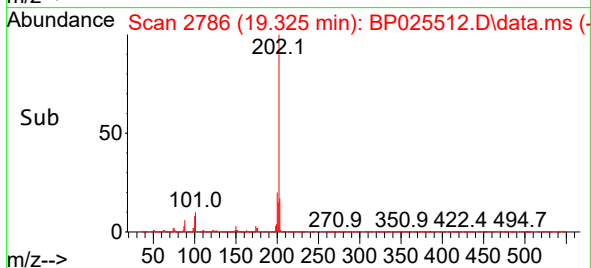
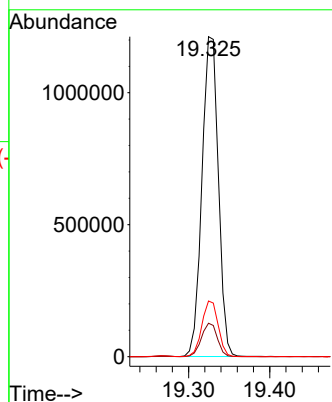
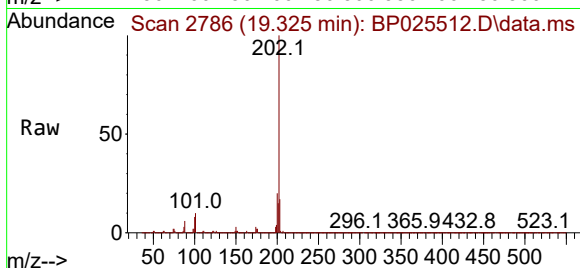
Tgt Ion:202 Resp: 1698750

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.1

203 17.4 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: BP025512.D

Acq: 20 Aug 2025 18:27

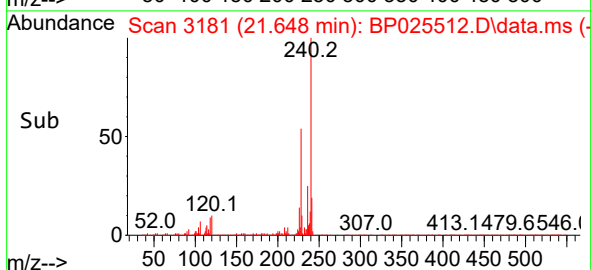
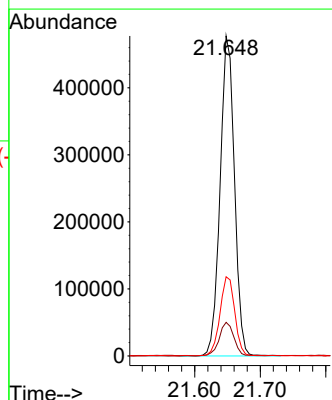
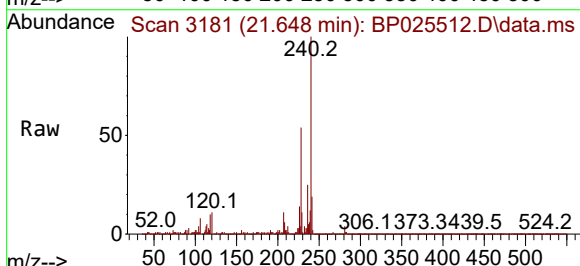
Tgt Ion:240 Resp: 721835

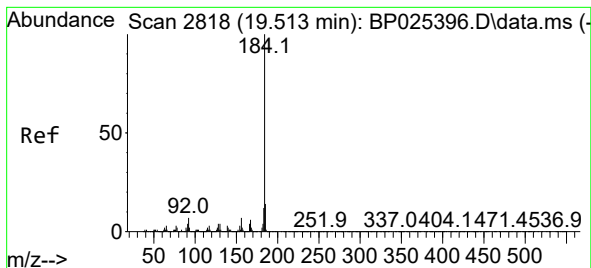
Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 24.8 19.8 29.8





#77

Benzidine

Concen: 31.831 ng

RT: 19.519 min Scan# 2819

Delta R.T. 0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

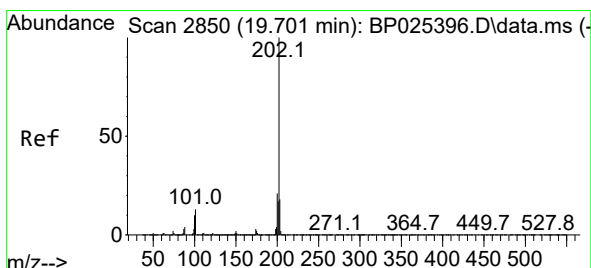
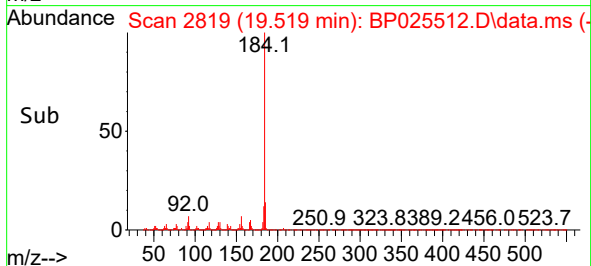
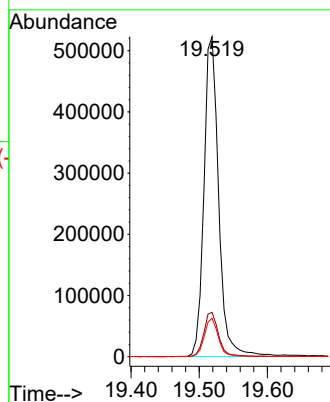
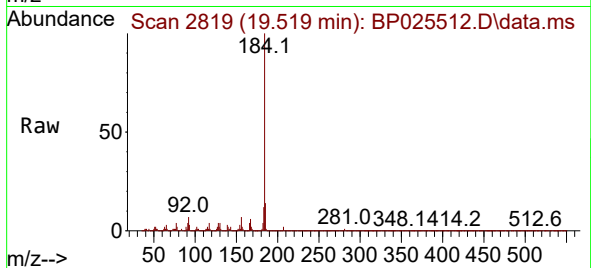
Tgt Ion:184 Resp: 784158

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 12.0 9.4 14.2



#78

Pyrene

Concen: 37.531 ng

RT: 19.701 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

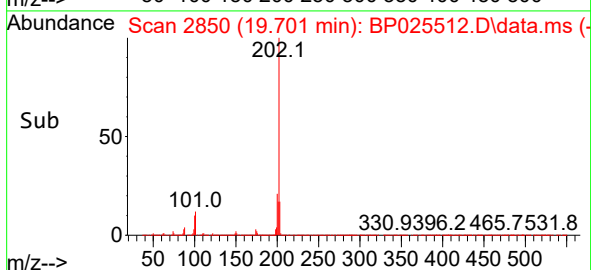
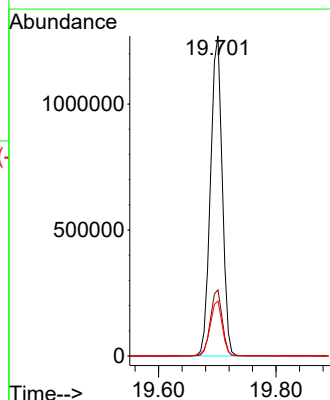
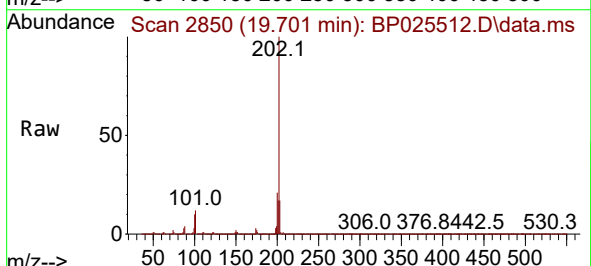
Tgt Ion:202 Resp: 1760829

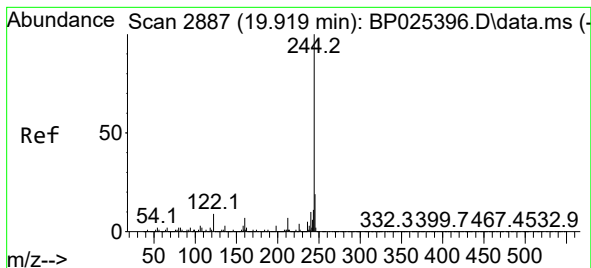
Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 74.739 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

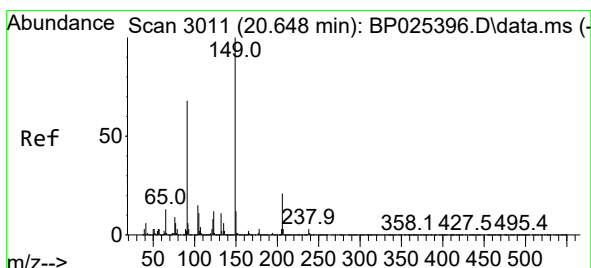
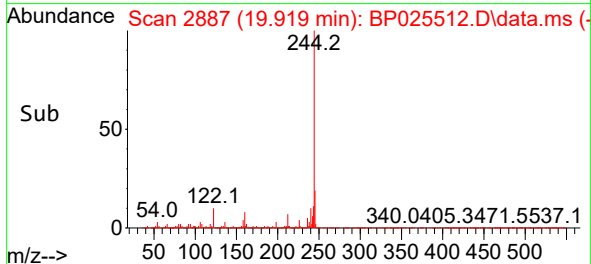
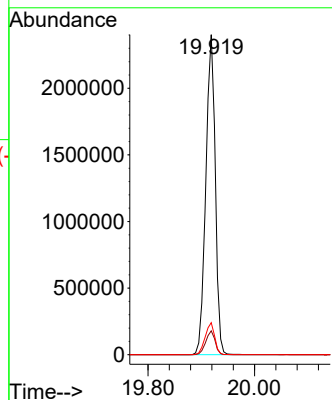
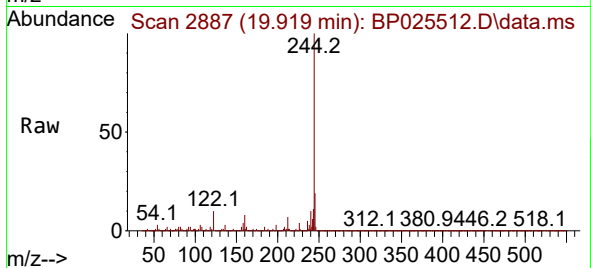
Tgt Ion:244 Resp: 2948745

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 10.0 7.4 11.2



#80

Butylbenzylphthalate

Concen: 40.760 ng

RT: 20.648 min Scan# 3011

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

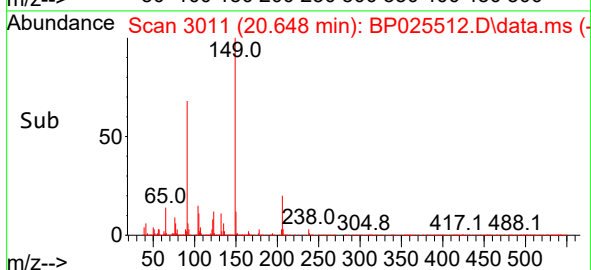
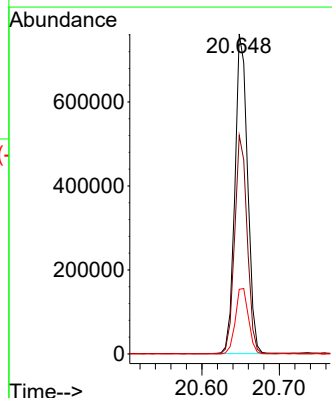
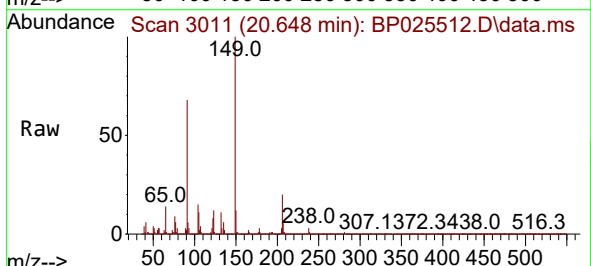
Tgt Ion:149 Resp: 866705

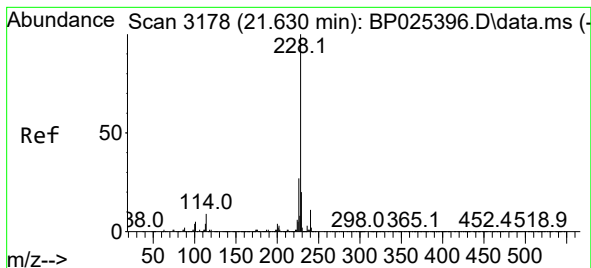
Ion Ratio Lower Upper

149 100

91 68.3 54.2 81.2

206 20.2 16.6 24.8





#81

Benzo(a)anthracene

Concen: 38.784 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

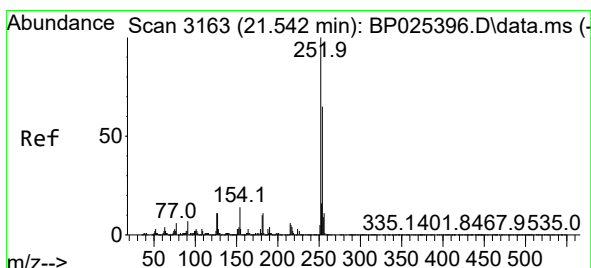
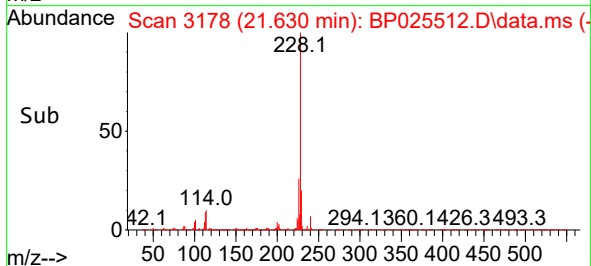
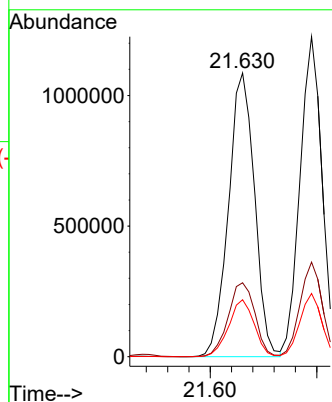
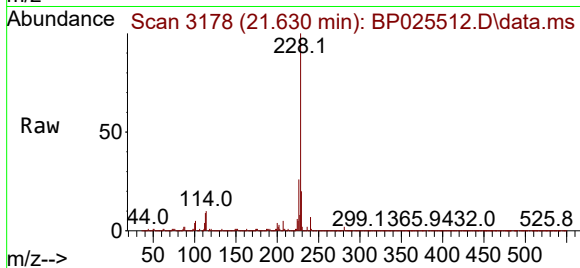
Tgt Ion:228 Resp: 1846325

Ion Ratio Lower Upper

228 100

226 26.1 21.7 32.5

229 20.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 40.475 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

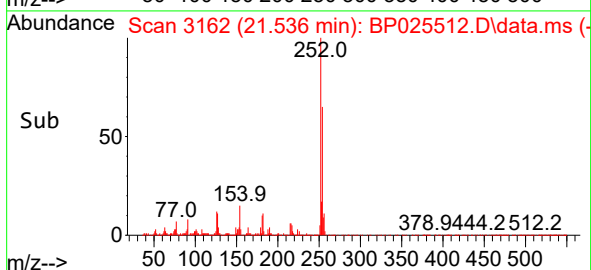
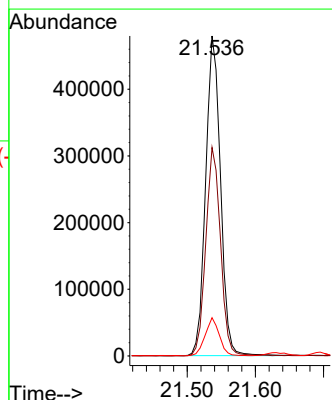
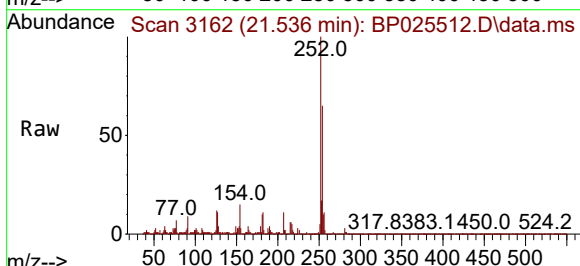
Tgt Ion:252 Resp: 726259

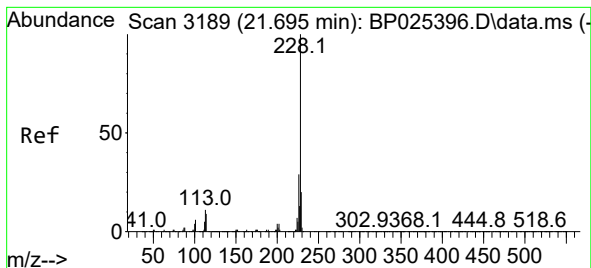
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

126 11.9 9.1 13.7





#83

Chrysene

Concen: 39.282 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

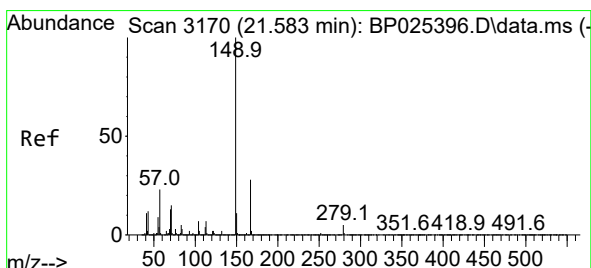
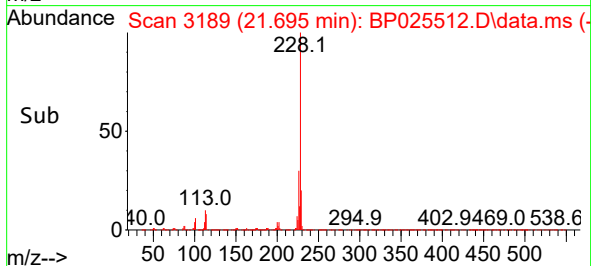
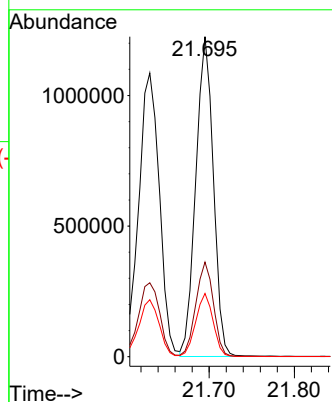
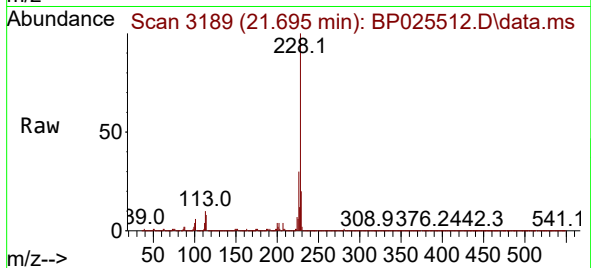
Tgt Ion:228 Resp: 1751270

Ion Ratio Lower Upper

228 100

226 29.6 23.2 34.8

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.288 ng

RT: 21.560 min Scan# 3166

Delta R.T. -0.023 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

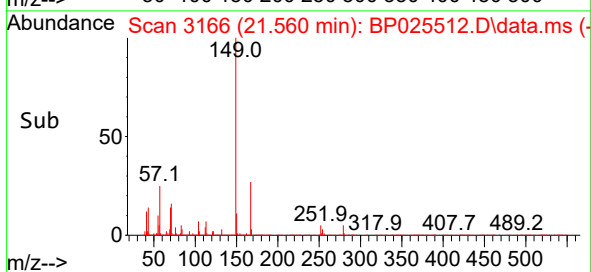
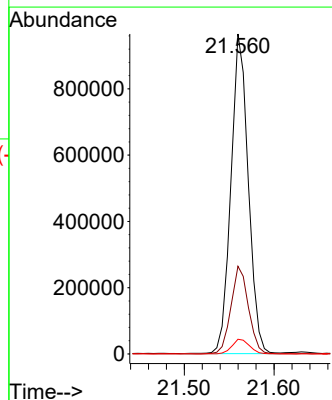
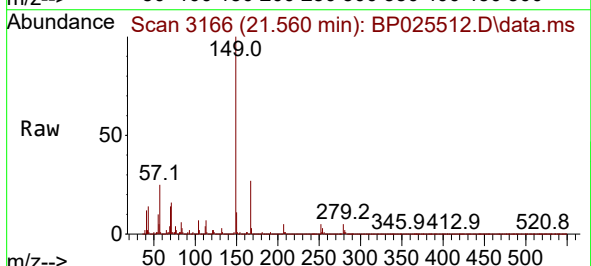
Tgt Ion:149 Resp: 1292335

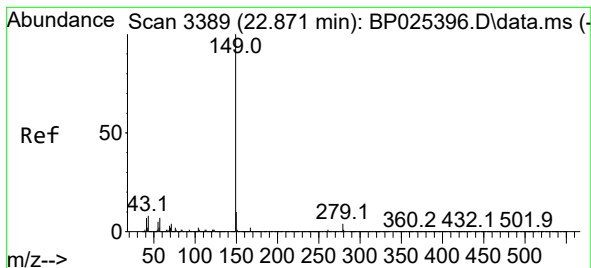
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 44.204 ng

RT: 22.854 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

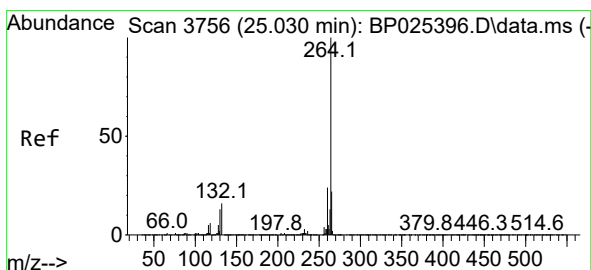
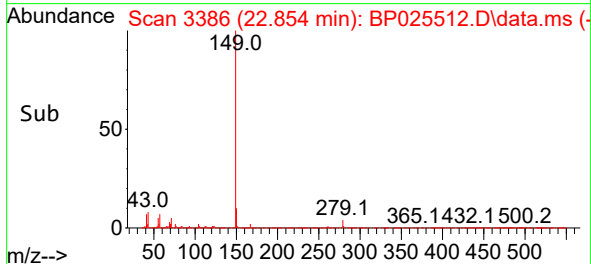
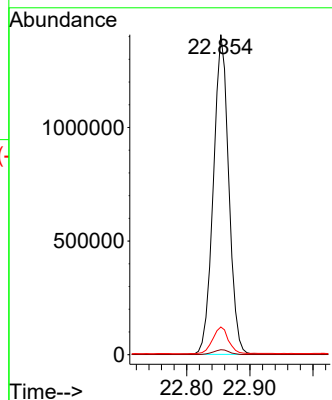
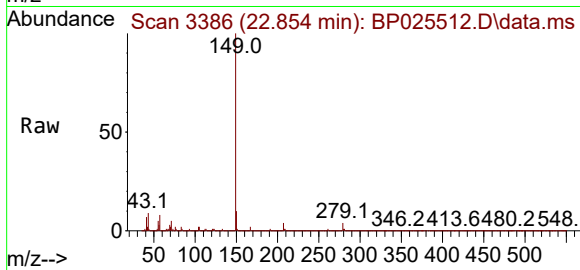
Tgt Ion:149 Resp: 2379874

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.030 min Scan# 3756

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

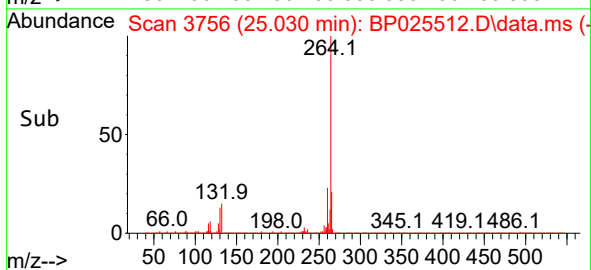
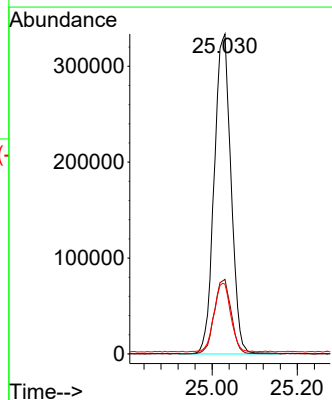
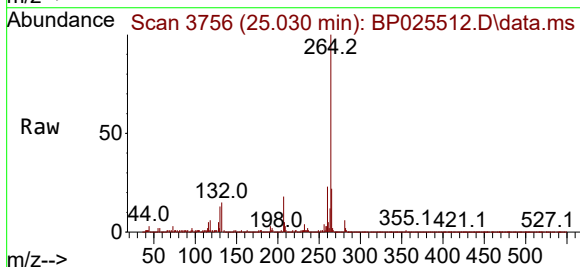
Tgt Ion:264 Resp: 911460

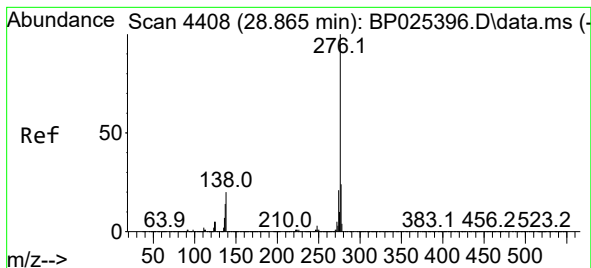
Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.465 ng

RT: 28.877 min Scan# 4408

Delta R.T. 0.012 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

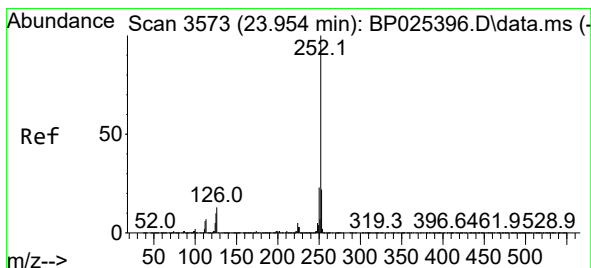
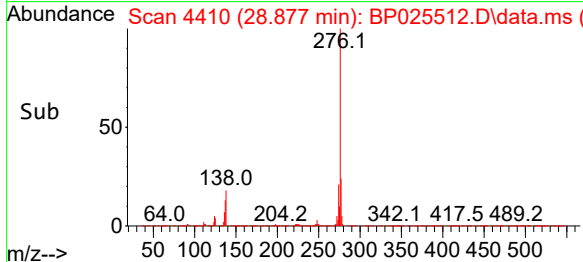
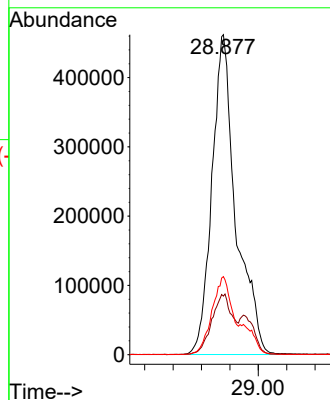
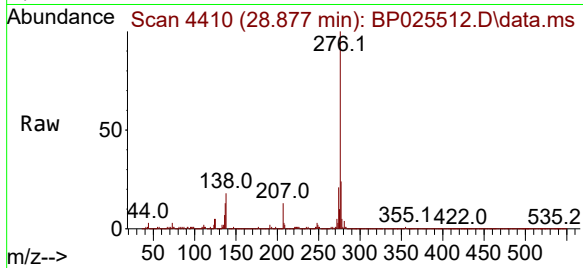
Tgt Ion:276 Resp: 2704805

Ion Ratio Lower Upper

276 100

138 16.7 12.9 19.3

277 20.2 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 38.021 ng

RT: 23.948 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

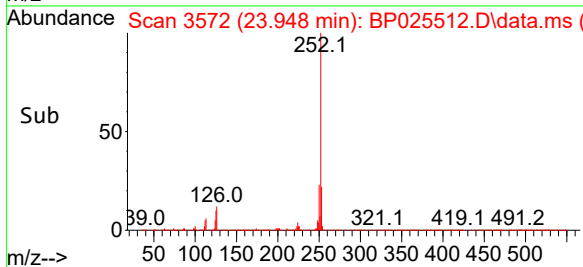
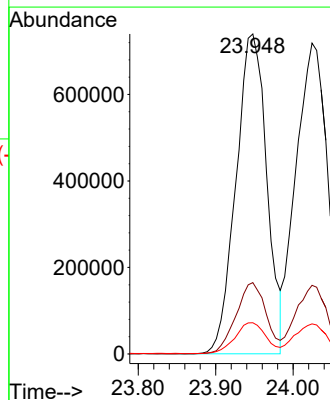
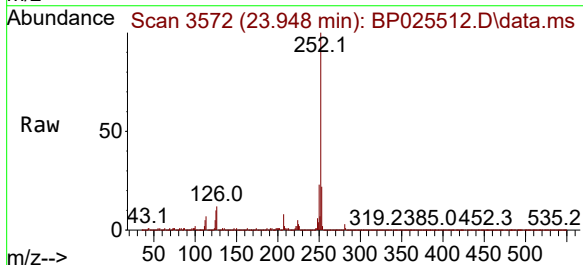
Tgt Ion:252 Resp: 2043506

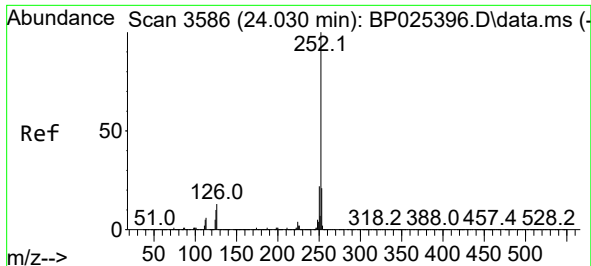
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.8 7.9 11.9

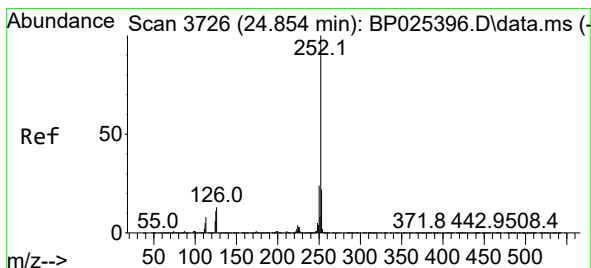
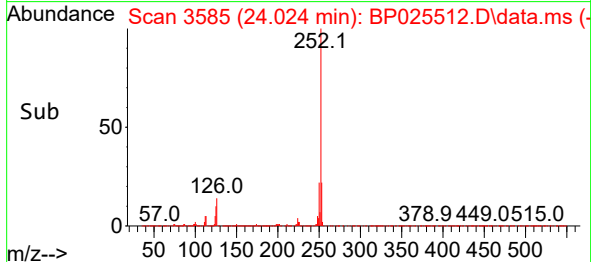
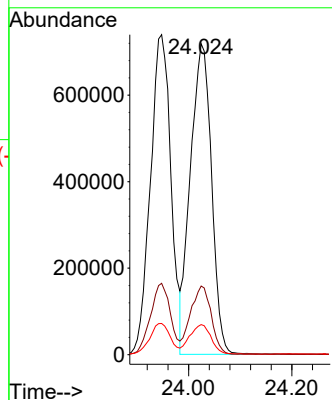
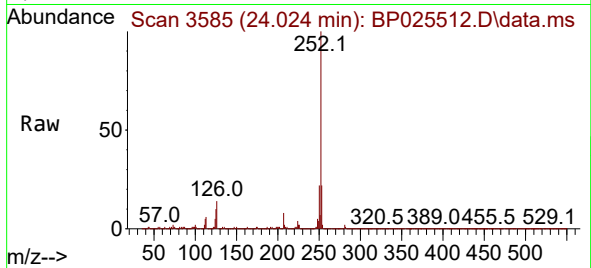




#89
Benzo(k)fluoranthene
Concen: 37.913 ng
RT: 24.024 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

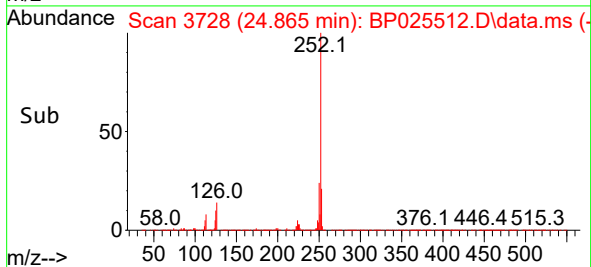
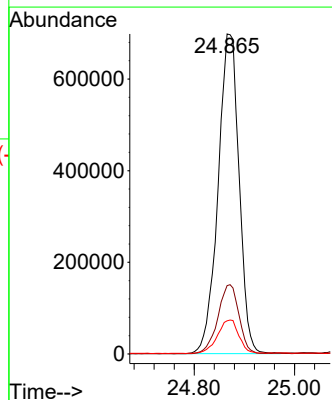
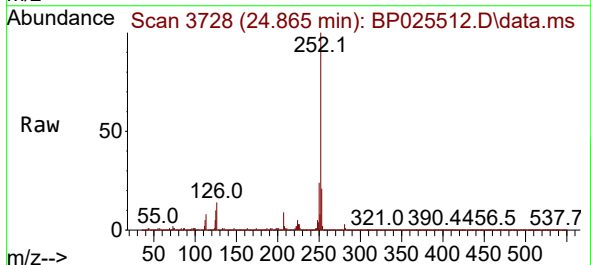
Instrument :
BNA_P
ClientSampleId :

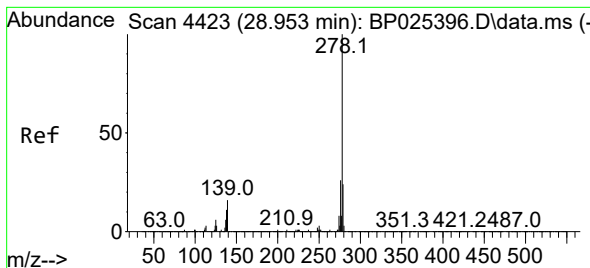
Tgt Ion:252 Resp: 2039061
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 9.7 7.8 11.6



#90
Benzo(a)pyrene
Concen: 38.861 ng
RT: 24.865 min Scan# 3728
Delta R.T. 0.012 min
Lab File: BP025512.D
Acq: 20 Aug 2025 18:27

Tgt Ion:252 Resp: 2033101
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 10.3 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 40.707 ng

RT: 28.953 min Scan# 4423

Delta R.T. 0.000 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Instrument :

BNA_P

ClientSampleId :

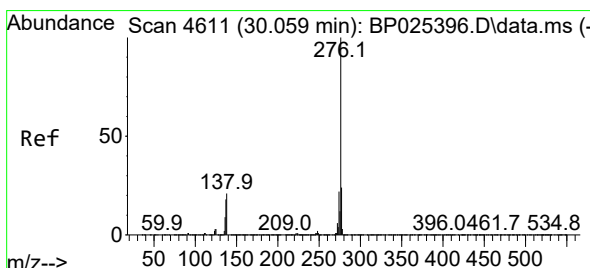
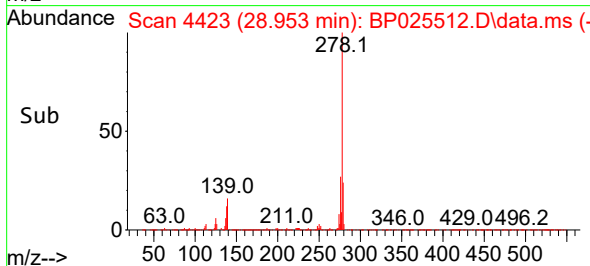
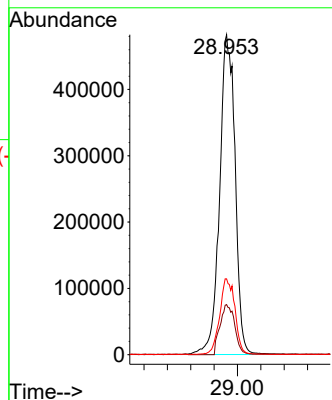
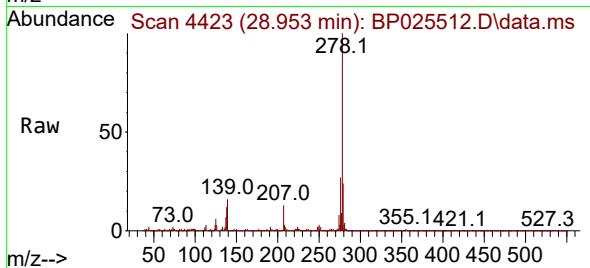
Tgt Ion:278 Resp: 2223603

Ion Ratio Lower Upper

278 100

139 15.7 13.0 19.4

279 23.7 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 41.164 ng

RT: 30.065 min Scan# 4612

Delta R.T. 0.006 min

Lab File: BP025512.D

Acq: 20 Aug 2025 18:27

Tgt Ion:276 Resp: 2210310

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 19.1 16.7 25.1

