

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025489.D
 Acq On : 20 Aug 2025 01:07
 Operator : CG/JU
 Sample : PB169242BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169242BS

Quant Time: Aug 20 02:27:35 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	7.796	152	125615	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	505871	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	363724	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	785967	20.000	ng	-0.01
76) Chrysene-d12	21.625	240	837525	20.000	ng	-0.02
86) Perylene-d12	24.989	264	883653	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1016778	134.424	ng	0.00
7) Phenol-d6	6.972	99	1302531	134.314	ng	0.00
23) Nitrobenzene-d5	8.931	82	838338	83.831	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	711475	145.325	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2044889	76.836	ng	0.00
79) Terphenyl-d14	19.901	244	3953214	86.358	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	100520	33.927	ng	97
3) Pyridine	3.731	79	298101	36.760	ng	98
4) n-Nitrosodimethylamine	3.631	42	161754	48.382	ng	91
6) Aniline	7.125	93	519797	39.782	ng	99
8) 2-Chlorophenol	7.366	128	417455	48.907	ng	98
9) Benzaldehyde	6.943	77	192102	28.274	ng	99
10) Phenol	7.002	94	503580	49.488	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	362223	45.670	ng	99
12) 1,3-Dichlorobenzene	7.684	146	425265	45.184	ng	99
13) 1,4-Dichlorobenzene	7.831	146	433606	45.073	ng	99
14) 1,2-Dichlorobenzene	8.143	146	419293	45.026	ng	98
15) Benzyl Alcohol	8.031	79	371563	48.221	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.308	45	499110	46.976	ng	99
17) 2-Methylphenol	8.231	107	347697	49.197	ng	97
18) Hexachloroethane	8.866	117	160973	45.510	ng	95
19) n-Nitroso-di-n-propyla...	8.590	70	289898	45.130	ng	97
20) 3+4-Methylphenols	8.549	107	483810	49.386	ng	98
22) Acetophenone	8.602	105	606991	47.846	ng	98
24) Nitrobenzene	8.972	77	430234	48.138	ng	97
25) Isophorone	9.502	82	843994	47.689	ng	99
26) 2-Nitrophenol	9.678	139	223852	48.804	ng	97
27) 2,4-Dimethylphenol	9.743	122	400946	50.831	ng	97
28) bis(2-Chloroethoxy)met...	9.972	93	505254	47.229	ng	98
29) 2,4-Dichlorophenol	10.213	162	404232	51.589	ng	98
30) 1,2,4-Trichlorobenzene	10.425	180	401415	46.732	ng	99
31) Naphthalene	10.613	128	1244457	47.331	ng	100
32) Benzoic acid	9.890	122	331854	56.986	ng	98
33) 4-Chloroaniline	10.713	127	401484	34.569	ng	99
34) Hexachlorobutadiene	10.902	225	251210	46.960	ng	99
35) Caprolactam	11.502	113	165373	57.557	ng	97
36) 4-Chloro-3-methylphenol	11.843	107	489388	54.429	ng	98
37) 2-Methylnaphthalene	12.213	142	816767	47.734	ng	98
38) 1-Methylnaphthalene	12.437	142	875005	48.086	ng	100
40) 1,2,4,5-Tetrachloroben...	12.584	216	466718	44.429	ng	99
41) Hexachlorocyclopentadiene	12.572	237	547819	86.335	ng	100
43) 2,4,6-Trichlorophenol	12.825	196	351027	49.497	ng	99

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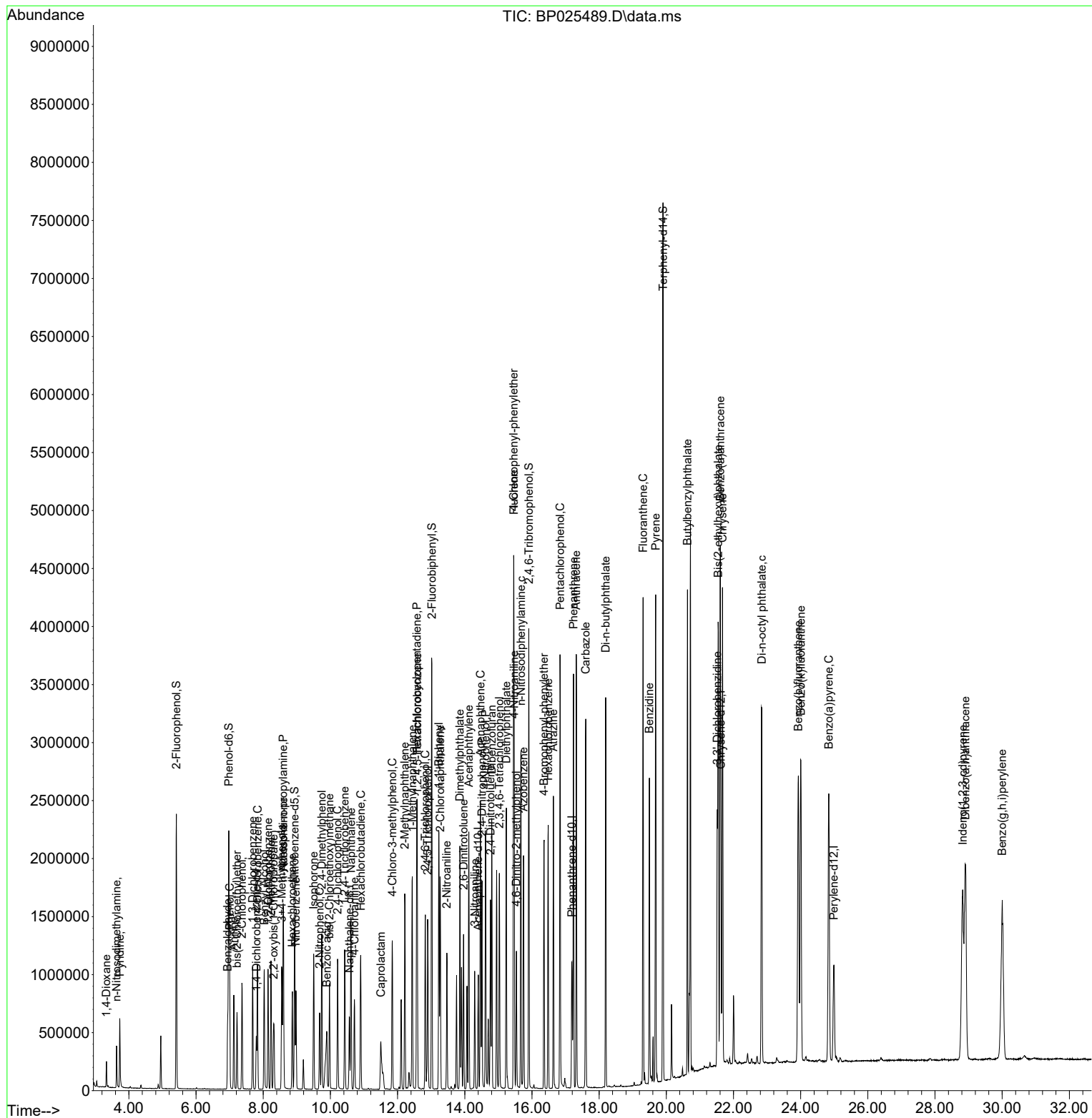
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	398379	51.255	ng	100
46) 1,1'-Biphenyl	13.231	154	1213211	45.928	ng	99
47) 2-Chloronaphthalene	13.266	162	928328	45.143	ng	100
48) 2-Nitroaniline	13.466	65	331140	55.264	ng	98
49) Acenaphthylene	14.119	152	1618996	47.578	ng	100
50) Dimethylphthalate	13.854	163	1356557	50.931	ng	99
51) 2,6-Dinitrotoluene	13.966	165	300006	53.440	ng	98
52) Acenaphthene	14.466	154	940183	47.071	ng	100
53) 3-Nitroaniline	14.296	138	256549	40.618	ng	97
54) 2,4-Dinitrophenol	14.513	184	376459	125.571	ng	95
55) Dibenzofuran	14.801	168	1506121	47.694	ng	98
56) 4-Nitrophenol	14.619	139	597756	115.169	ng	91
57) 2,4-Dinitrotoluene	14.766	165	460365	57.476	ng	97
58) Fluorene	15.460	166	1219615	48.945	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	366949	53.468	ng	98
60) Diethylphthalate	15.237	149	1431889	52.907	ng	98
61) 4-Chlorophenyl-phenyle...	15.454	204	595570	48.058	ng	97
62) 4-Nitroaniline	15.472	138	345776	53.400	ng	93
63) Azobenzene	15.748	77	1241428	53.570	ng	98
65) 4,6-Dinitro-2-methylph...	15.537	198	263835	53.851	ng	93
66) n-Nitrosodiphenylamine	15.672	169	1153302	48.120	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	404681	46.815	ng	97
68) Hexachlorobenzene	16.484	284	477945	47.697	ng	97
69) Atrazine	16.637	200	464200	51.717	ng	97
70) Pentachlorophenol	16.837	266	678508	107.267	ng	98
71) Phenanthrene	17.237	178	2106985	48.800	ng	100
72) Anthracene	17.319	178	2136608	48.459	ng	99
73) Carbazole	17.601	167	2120545	51.060	ng	99
74) Di-n-butylphthalate	18.195	149	2680990	52.470	ng	99
75) Fluoranthene	19.307	202	2590995	50.309	ng	99
77) Benzidine	19.495	184	1477006	51.674	ng	100
78) Pyrene	19.683	202	2692453	49.460	ng	99
80) Butylbenzylphthalate	20.630	149	1285781	52.116	ng	100
81) Benzo(a)anthracene	21.607	228	2778617	50.305	ng	100
82) 3,3'-Dichlorobenzidine	21.519	252	778549	37.395	ng	99
83) Chrysene	21.672	228	2595574	50.178	ng	99
84) Bis(2-ethylhexyl)phtha...	21.542	149	1893639	52.141	ng	100
85) Di-n-octyl phthalate	22.842	149	3252836	52.072	ng	98
87) Indeno(1,2,3-cd)pyrene	28.824	276	3313996	51.139	ng	97
88) Benzo(b)fluoranthene	23.930	252	2770744	53.175	ng	99
89) Benzo(k)fluoranthene	24.007	252	2746666	52.677	ng	99
90) Benzo(a)pyrene	24.836	252	2643770	52.123	ng	99
91) Dibenzo(a,h)anthracene	28.907	278	2719515	51.352	ng	98
92) Benzo(g,h,i)perylene	30.001	276	2689664	51.668	ng	99

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

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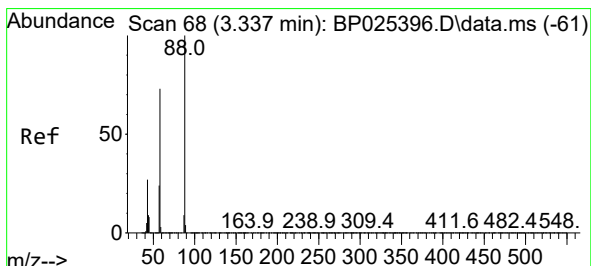
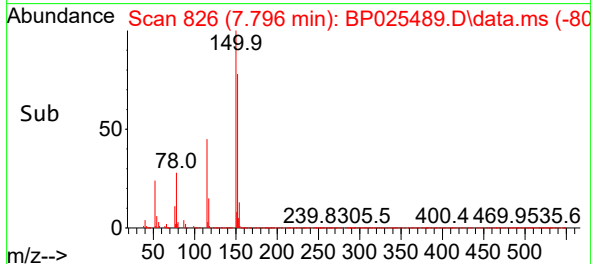
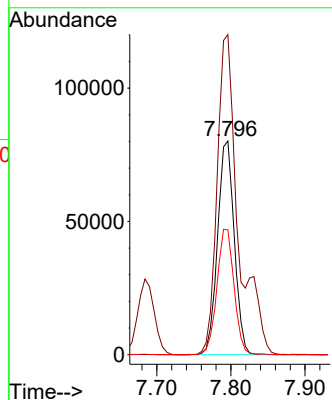
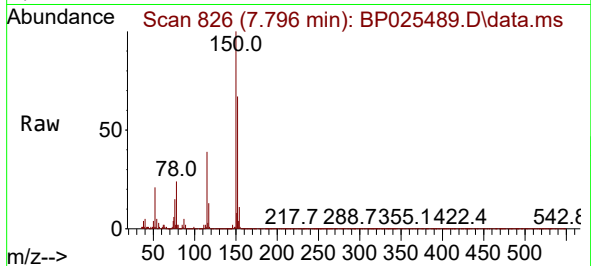




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.796 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025489.D
 Acq: 20 Aug 2025 01:07

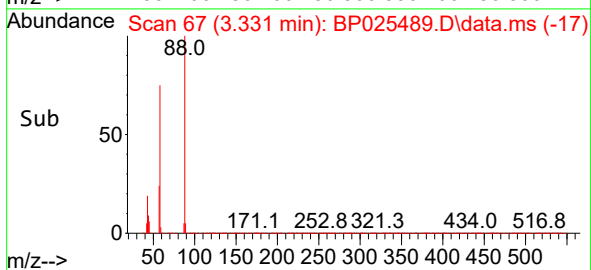
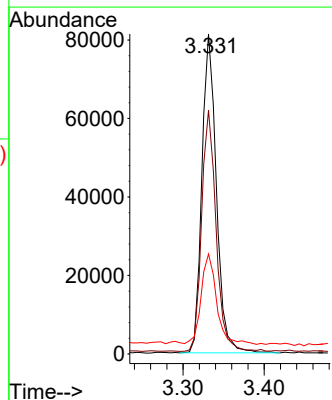
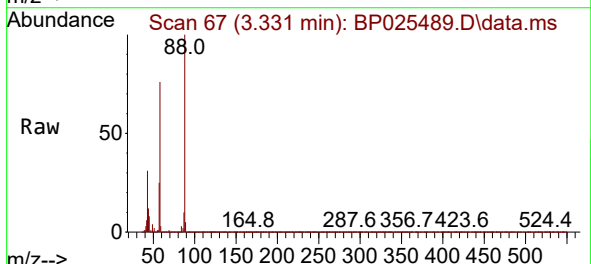
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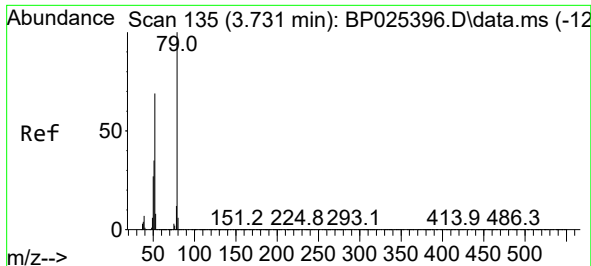
Tgt Ion:152 Resp: 125615
 Ion Ratio Lower Upper
 152 100
 150 149.8 125.9 188.9
 115 58.4 48.5 72.7



#2
 1,4-Dioxane
 Concen: 33.927 ng
 RT: 3.331 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BP025489.D
 Acq: 20 Aug 2025 01:07

Tgt Ion: 88 Resp: 100520
 Ion Ratio Lower Upper
 88 100
 58 75.5 59.2 88.8
 43 30.2 21.7 32.5

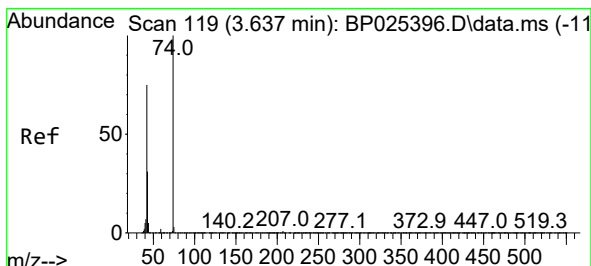
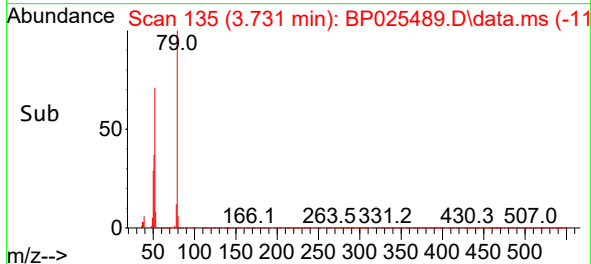
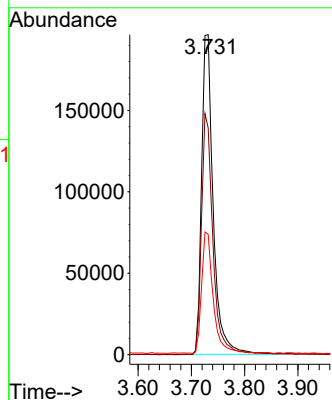
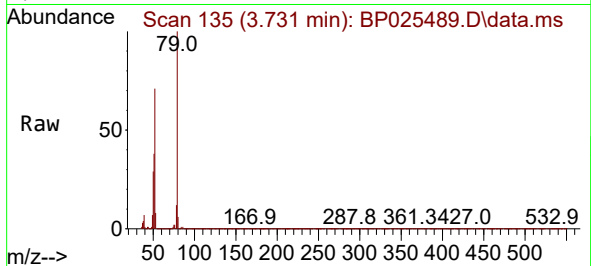




#3
Pyridine
Concen: 36.760 ng
RT: 3.731 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

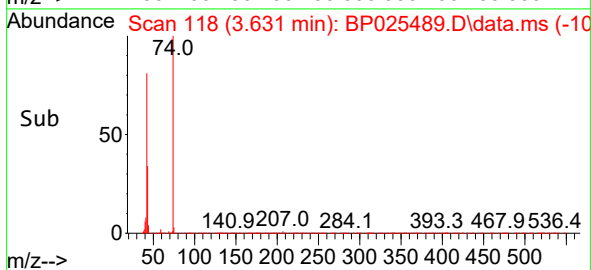
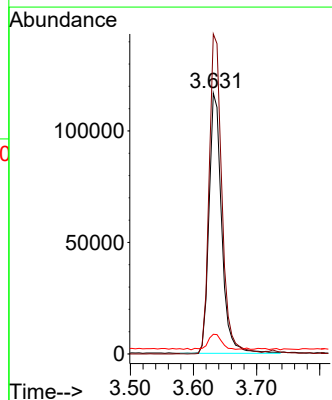
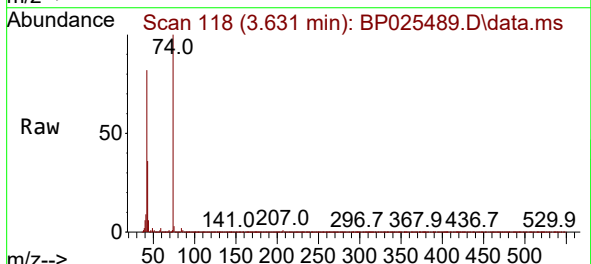
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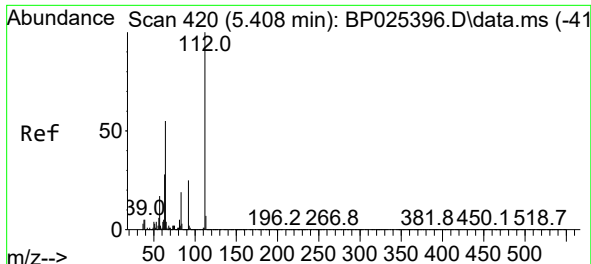
Tgt Ion: 79 Resp: 298101
Ion Ratio Lower Upper
79 100
52 70.9 55.5 83.3
51 37.6 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 48.382 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion: 42 Resp: 161754
Ion Ratio Lower Upper
42 100
74 122.7 107.0 160.4
44 7.5 6.2 9.4

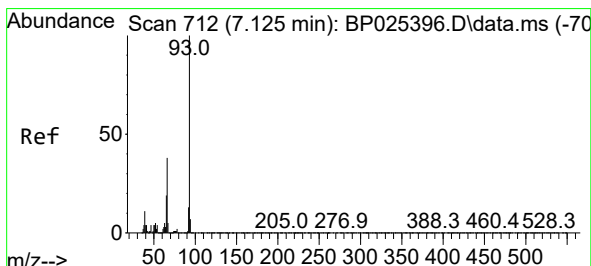
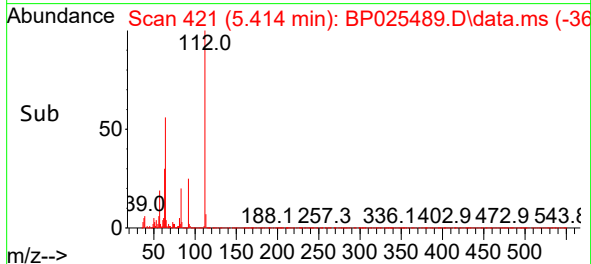
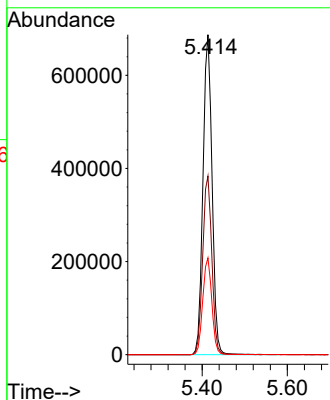
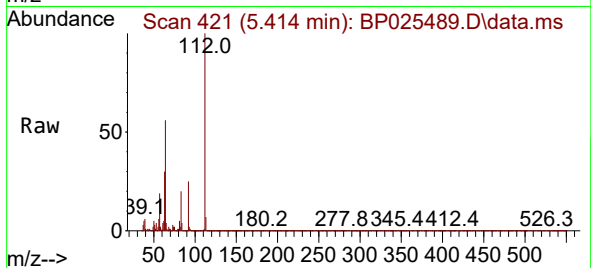




#5
2-Fluorophenol
Concen: 134.424 ng
RT: 5.414 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

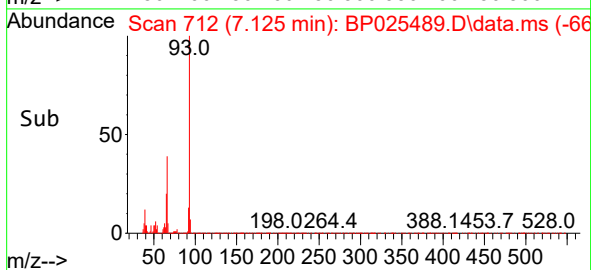
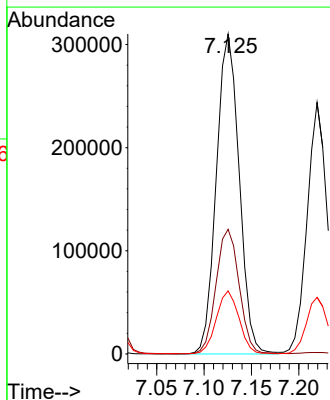
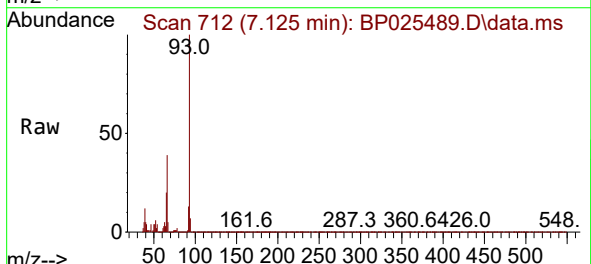
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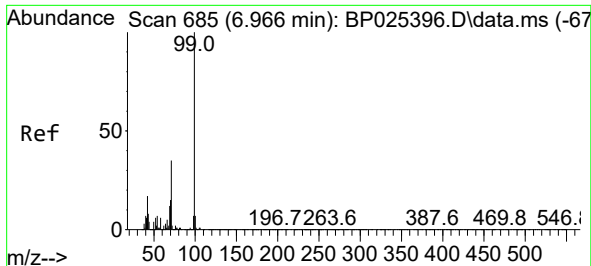
Tgt Ion:112 Resp: 1016778
Ion Ratio Lower Upper
112 100
64 55.8 43.8 65.8
63 30.3 22.7 34.1



#6
Aniline
Concen: 39.782 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion: 93 Resp: 519797
Ion Ratio Lower Upper
93 100
66 38.9 30.4 45.6
65 19.7 15.3 22.9

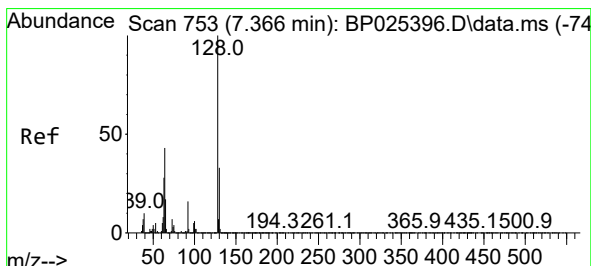
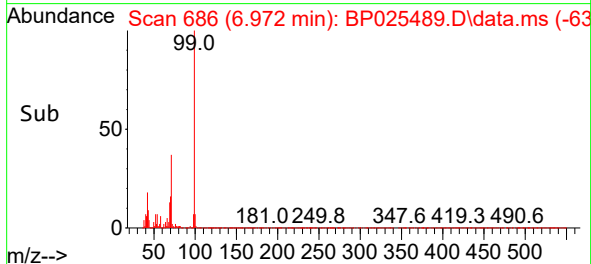
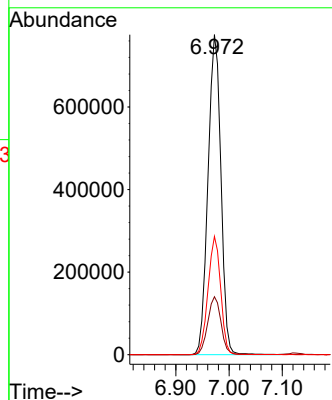
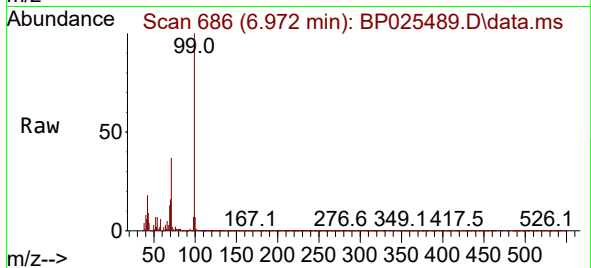




#7
Phenol-d6
Concen: 134.314 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

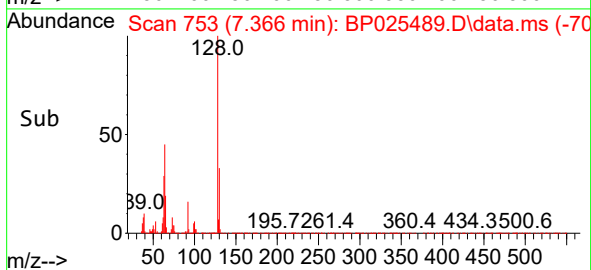
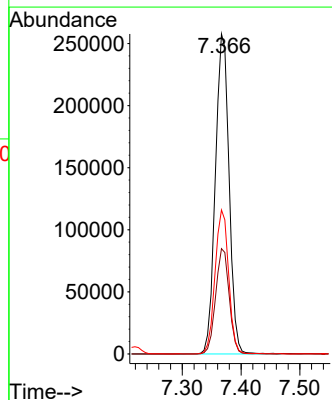
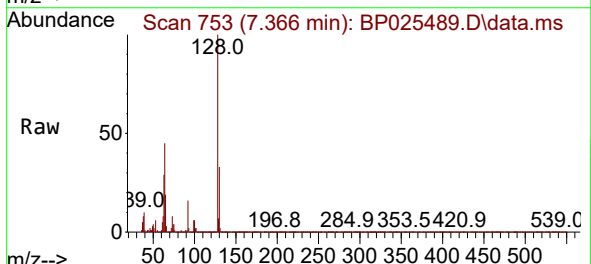
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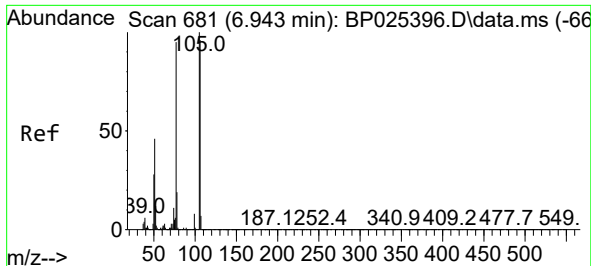
Tgt Ion: 99 Resp: 1302531
Ion Ratio Lower Upper
99 100
42 18.1 13.7 20.5
71 36.9 28.2 42.4



#8
2-Chlorophenol
Concen: 48.907 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:128 Resp: 417455
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 45.0 23.4 63.4

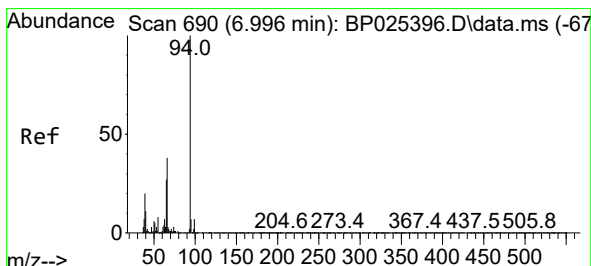
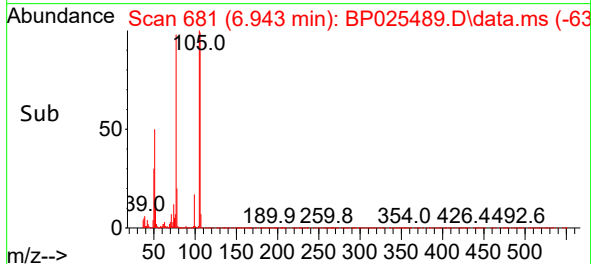
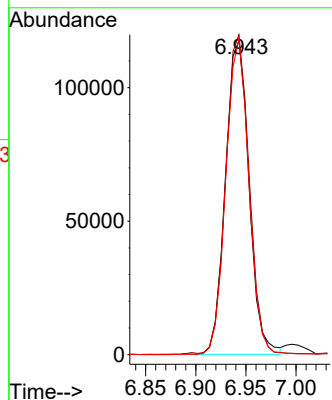
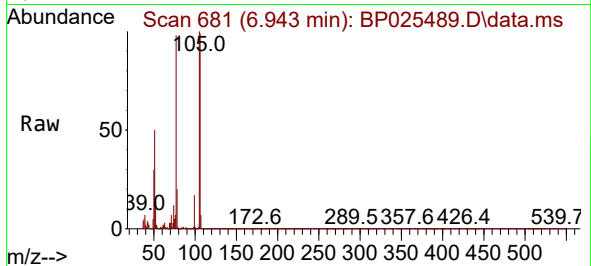




#9
Benzaldehyde
Concen: 28.274 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
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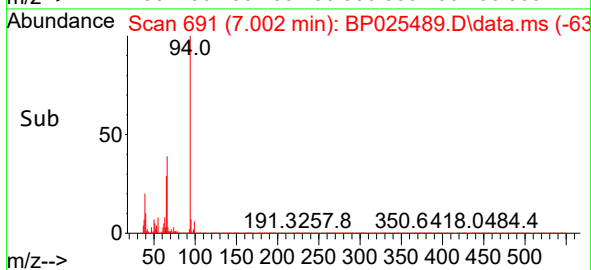
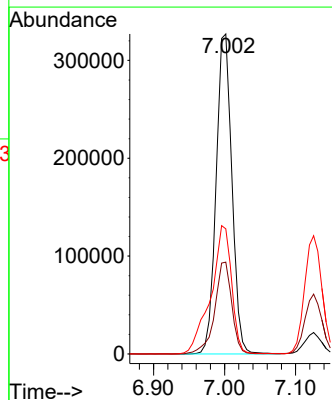
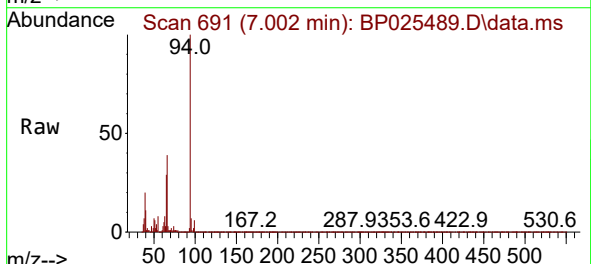
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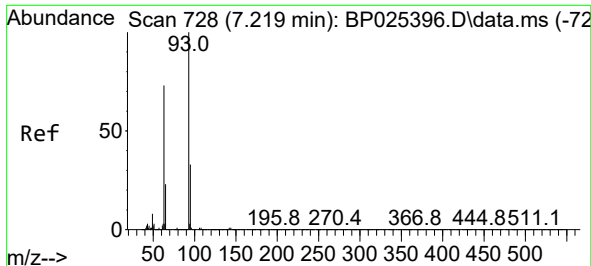
Tgt Ion: 77 Resp: 192102
Ion Ratio Lower Upper
77 100
105 101.8 84.8 124.8
106 100.5 80.5 120.5



#10
Phenol
Concen: 49.488 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 503580
Ion Ratio Lower Upper
94 100
65 28.7 6.8 46.8
66 39.1 18.2 58.2

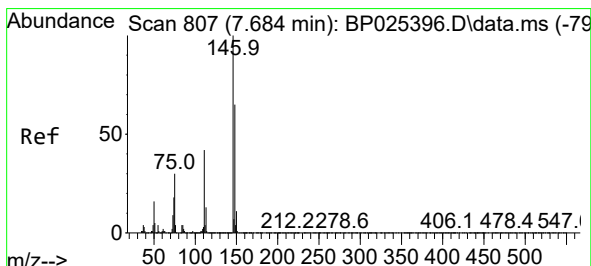
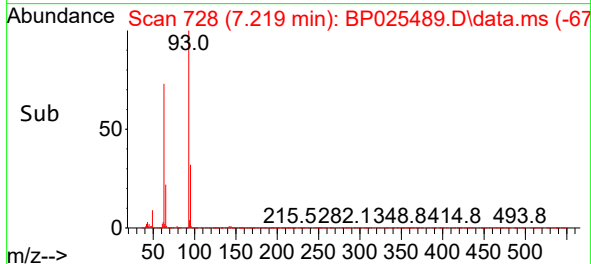
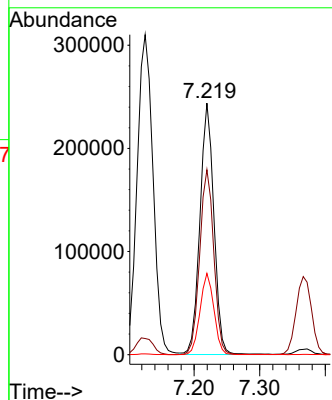
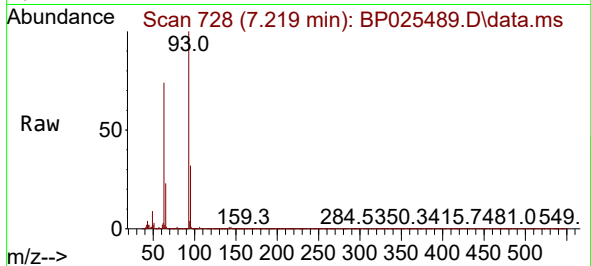




#11
bis(2-Chloroethyl)ether
Concen: 45.670 ng
RT: 7.219 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

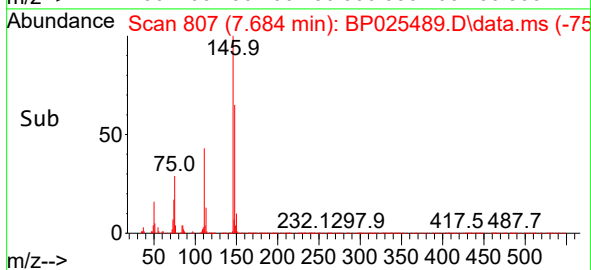
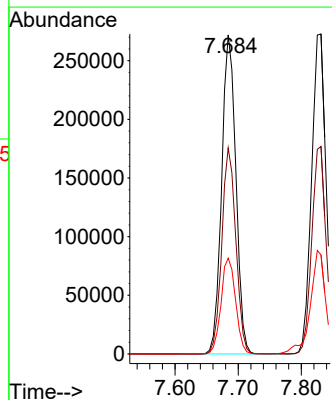
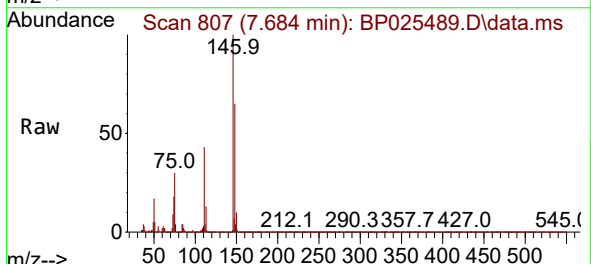
Instrument :
BNA_P
ClientSampleId :
PB169242BS

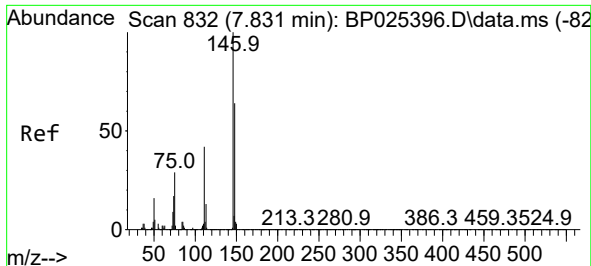
Tgt Ion: 93 Resp: 362223
Ion Ratio Lower Upper
93 100
63 73.5 52.6 92.6
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.184 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion: 146 Resp: 425265
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 30.1 23.7 35.5

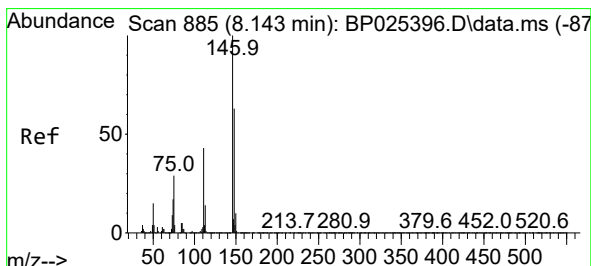
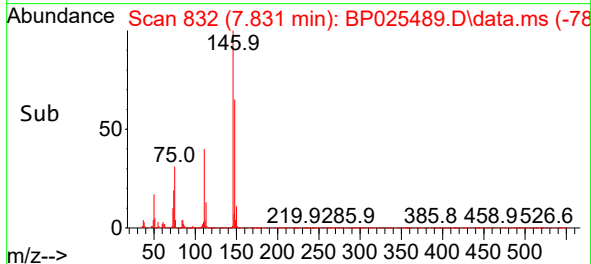
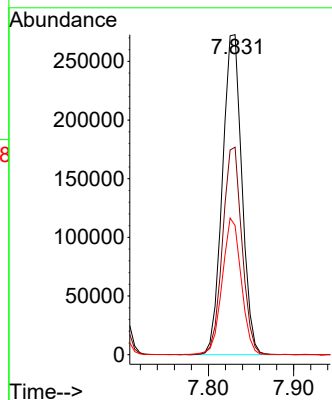
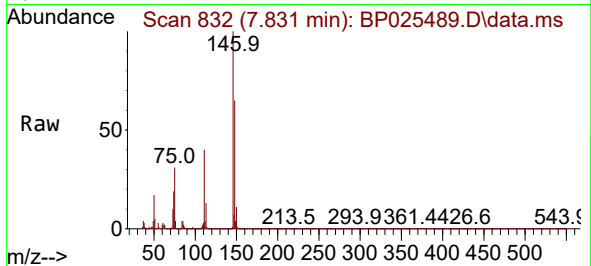




#13
1,4-Dichlorobenzene
Concen: 45.073 ng
RT: 7.831 min Scan# 811
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

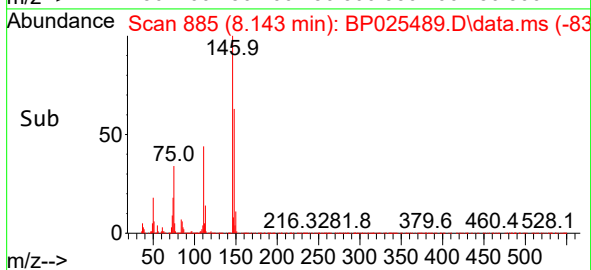
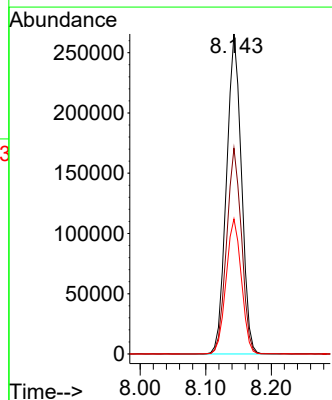
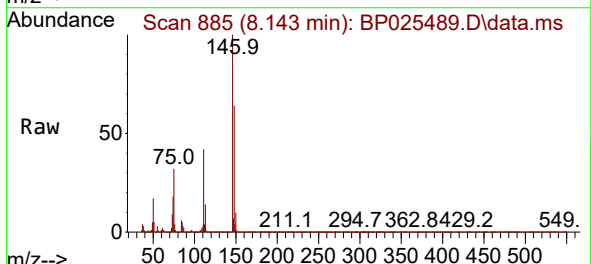
Instrument :
BNA_P
ClientSampleId :
PB169242BS

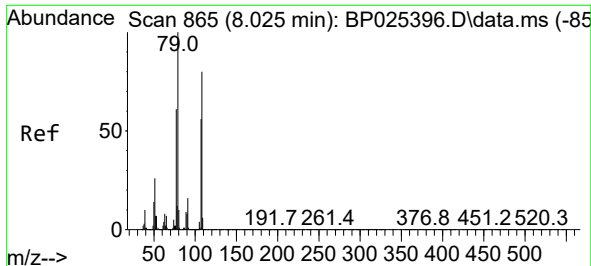
Tgt Ion:146 Resp: 433606
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
111 40.3 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 45.026 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:146 Resp: 419293
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
111 42.2 34.5 51.7

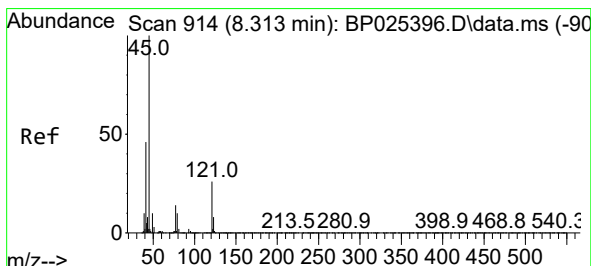
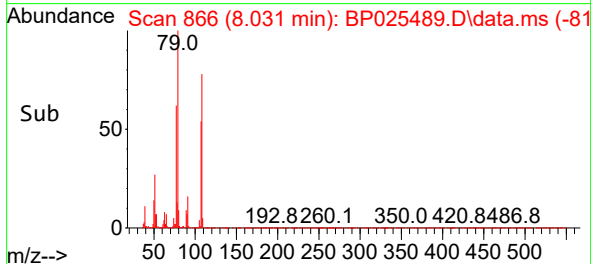
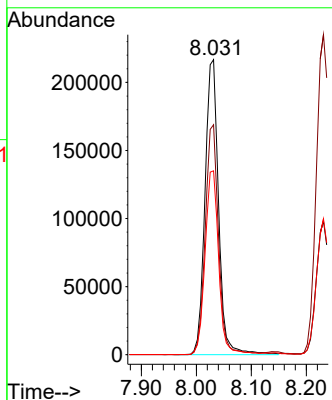
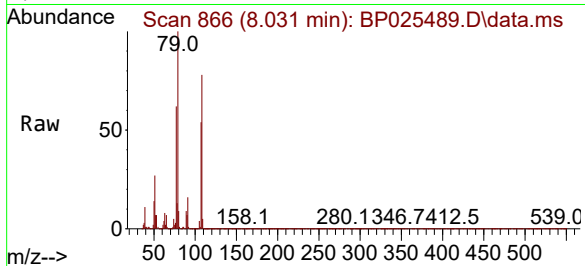




#15
Benzyl Alcohol
Concen: 48.221 ng
RT: 8.031 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

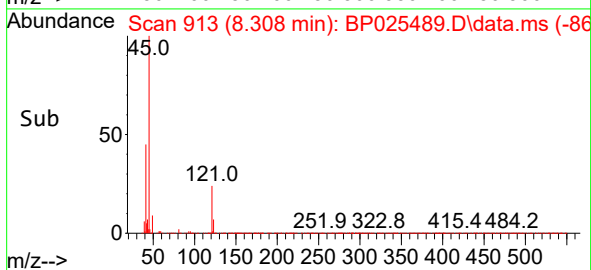
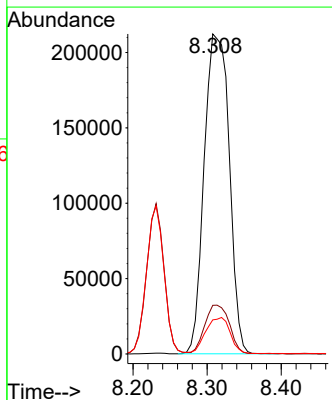
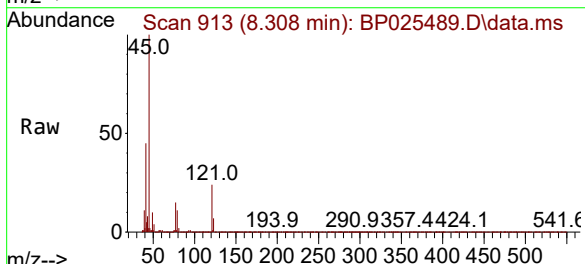
Instrument :
BNA_P
ClientSampleId :
PB169242BS

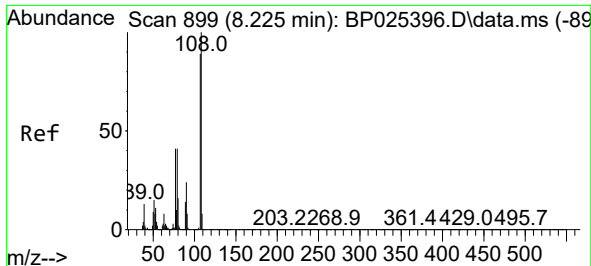
Tgt Ion: 79 Resp: 371563
Ion Ratio Lower Upper
79 100
108 77.9 63.8 95.6
77 62.3 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.976 ng
RT: 8.308 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion: 45 Resp: 499110
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.3
79 10.6 0.0 31.8

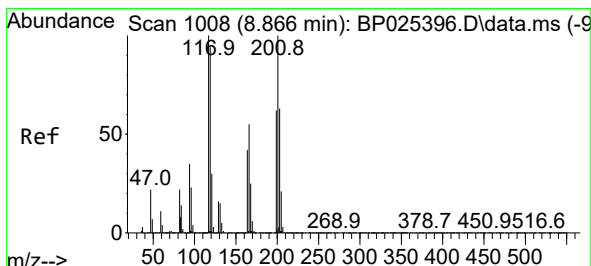
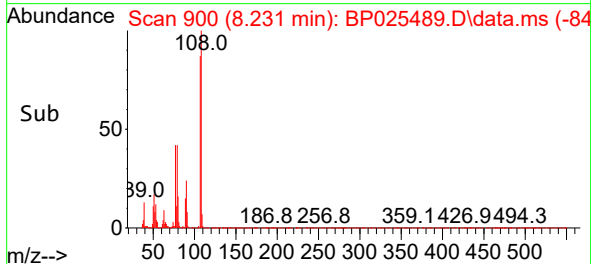
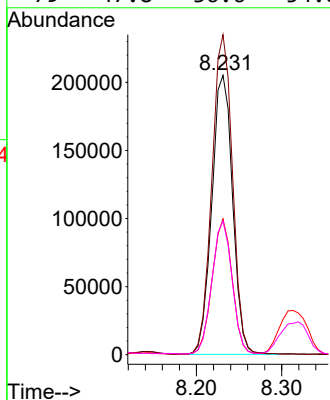
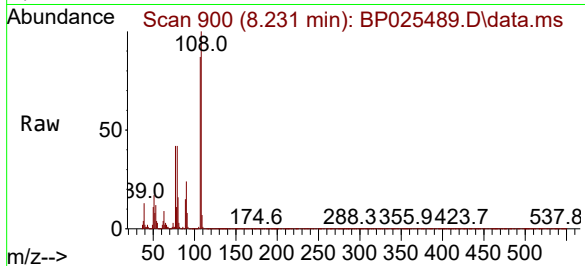




#17
2-Methylphenol
Concen: 49.197 ng
RT: 8.231 min Scan# 900
Delta R.T. 0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

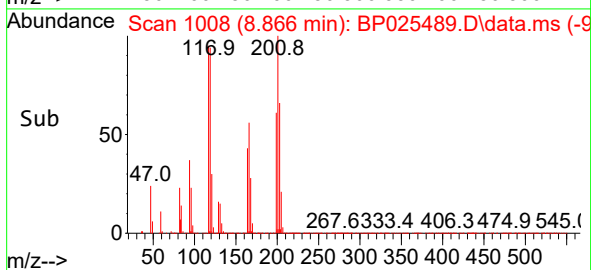
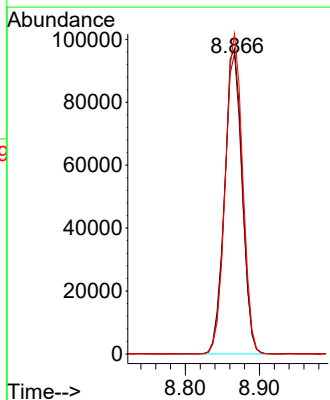
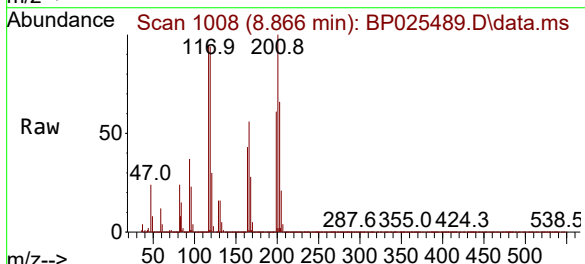
Instrument :
BNA_P
ClientSampleId :
PB169242BS

Tgt Ion:	107	Resp:	347697
Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.4	134.0
77	48.6	36.3	54.5
79	47.8	36.6	54.8



#18
Hexachloroethane
Concen: 45.510 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:	117	Resp:	160973
Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.1	112.7
201	104.8	80.1	120.1

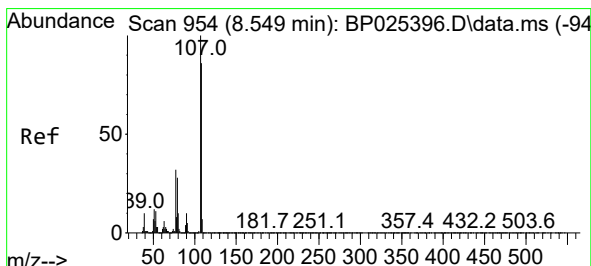
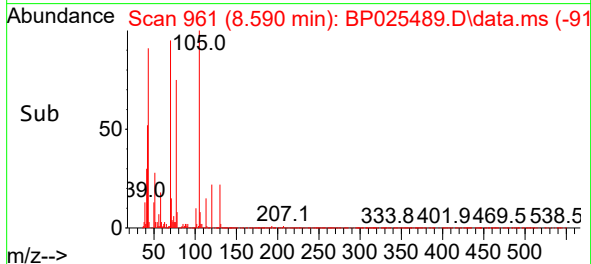
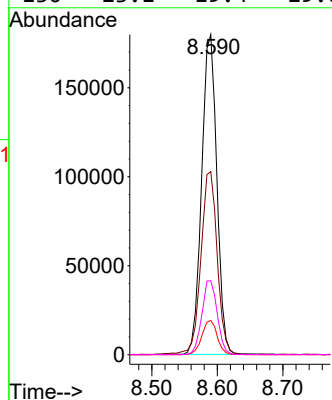
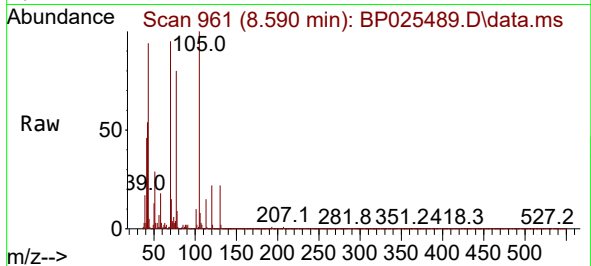




#19
n-Nitroso-di-n-propylamine
Concen: 45.130 ng
RT: 8.590 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

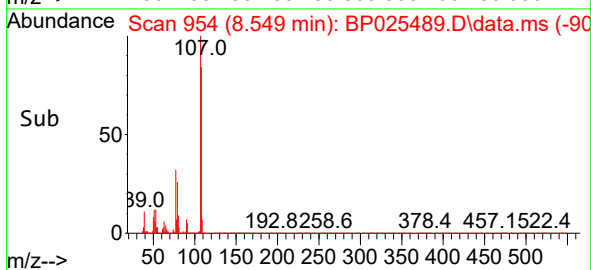
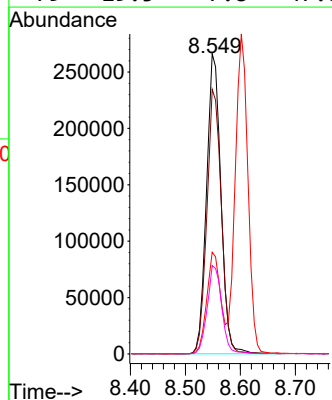
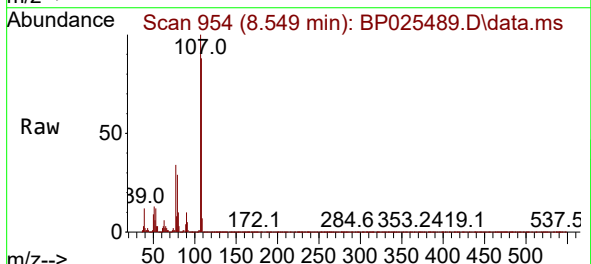
Instrument :
BNA_P
ClientSampleId :
PB169242BS

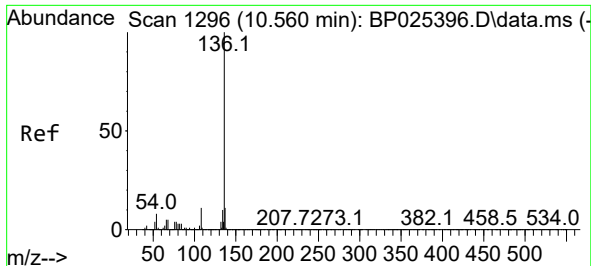
Tgt Ion: 70 Resp: 289898
Ion Ratio Lower Upper
70 100
42 57.2 43.8 65.6
101 10.7 8.5 12.7
130 23.1 19.4 29.0



#20
3+4-Methylphenols
Concen: 49.386 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion: 107 Resp: 483810
Ion Ratio Lower Upper
107 100
108 88.2 66.3 106.3
77 33.9 12.3 52.3
79 29.5 7.8 47.8

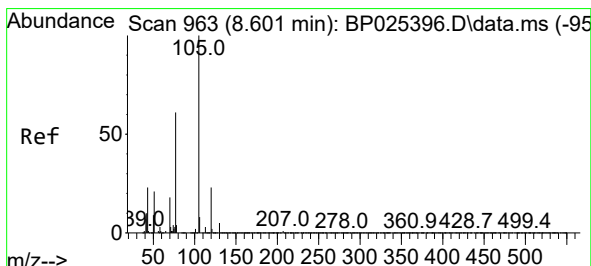
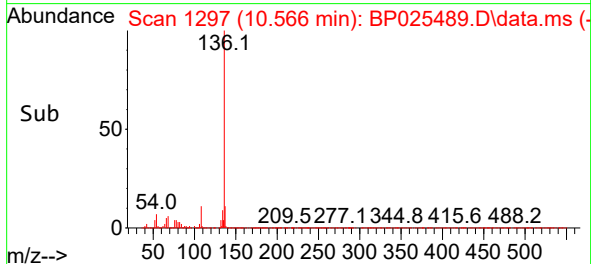
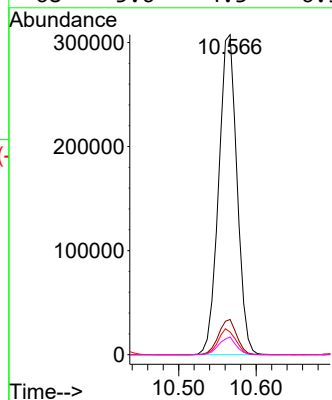
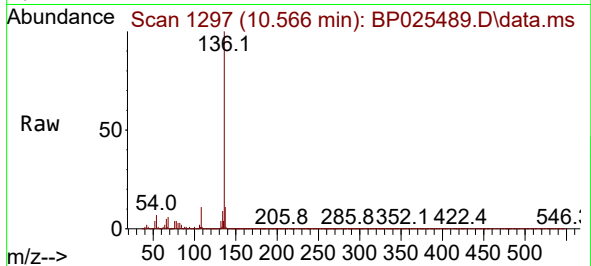




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

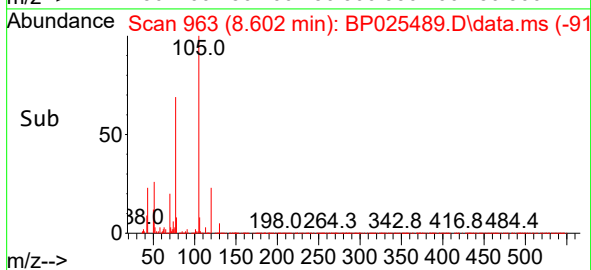
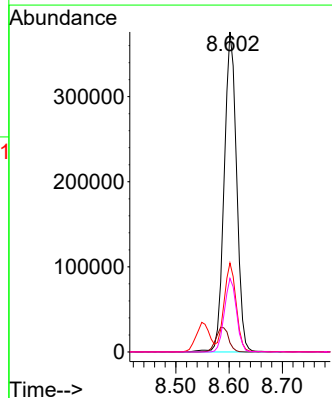
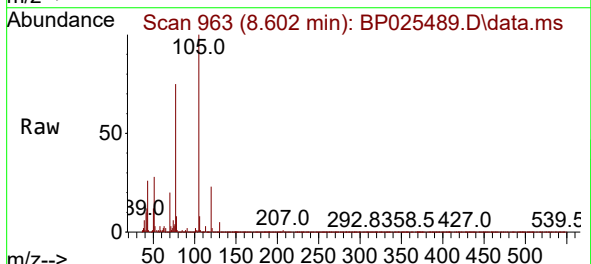
Instrument :
BNA_P
ClientSampleId :
PB169242BS

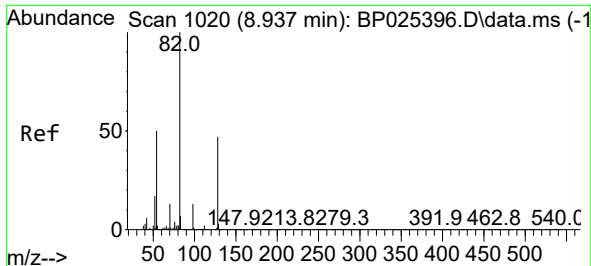
Tgt Ion:	136	Resp:	505871
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.0	6.0	9.0
68	5.6	4.3	6.5



#22
Acetophenone
Concen: 47.846 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:	105	Resp:	606991
Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.6	4.0
51	27.8	20.6	30.8
120	23.0	18.6	27.8

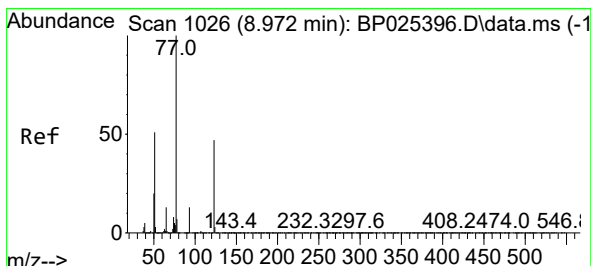
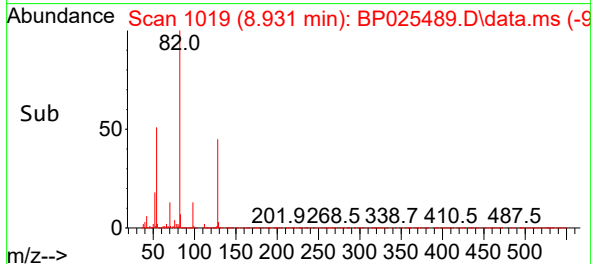
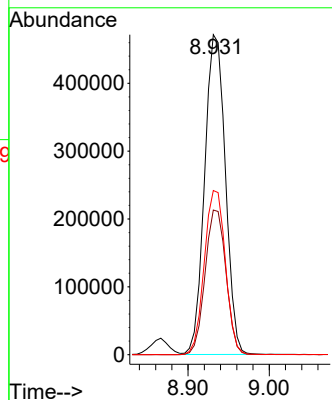
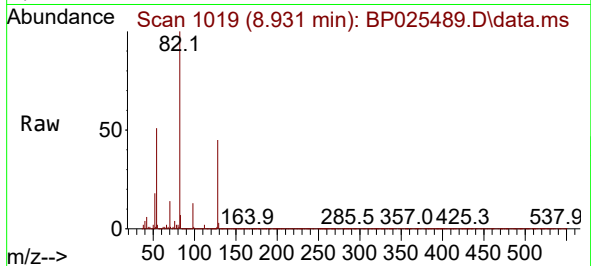




#23
Nitrobenzene-d5
Concen: 83.831 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

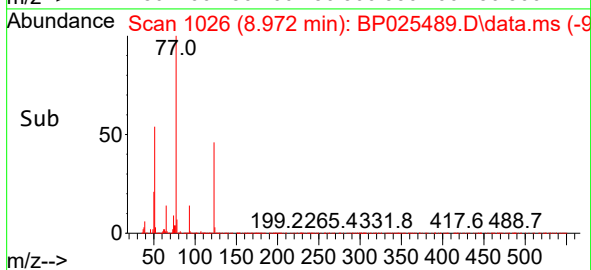
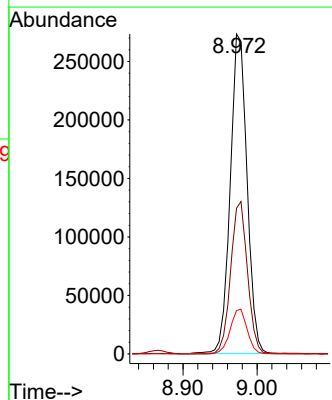
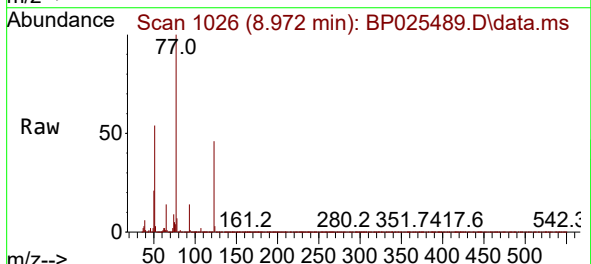
Instrument :
BNA_P
ClientSampleId :
PB169242BS

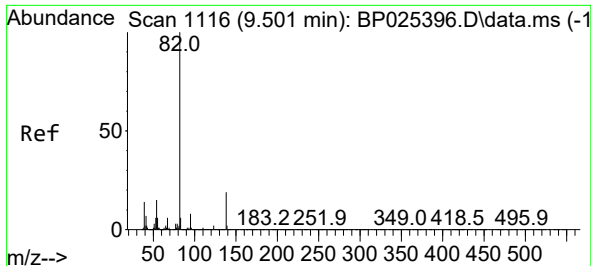
Tgt Ion: 82 Resp: 838338
Ion Ratio Lower Upper
82 100
128 45.2 37.7 56.5
54 51.3 39.8 59.6



#24
Nitrobenzene
Concen: 48.138 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion: 77 Resp: 430234
Ion Ratio Lower Upper
77 100
123 45.6 38.6 58.0
65 13.6 10.6 15.8

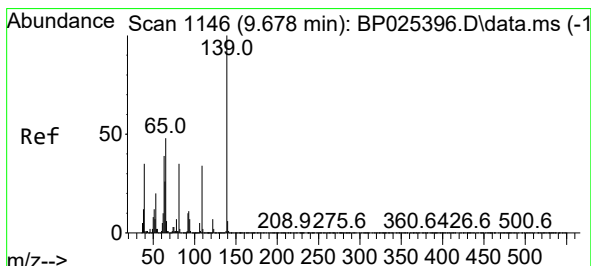
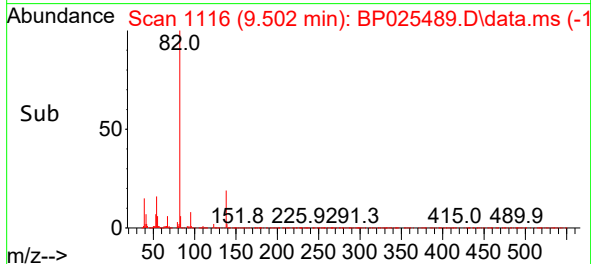
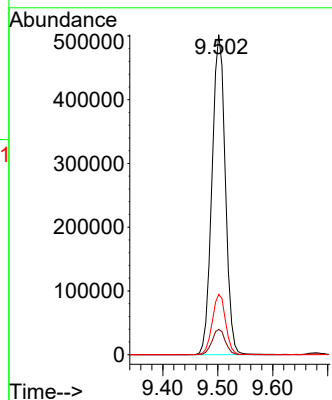
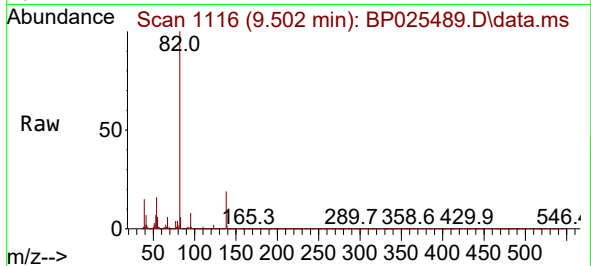




#25
Isophorone
Concen: 47.689 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

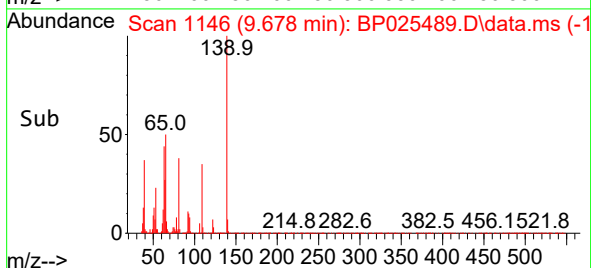
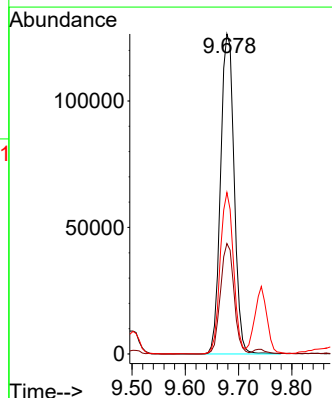
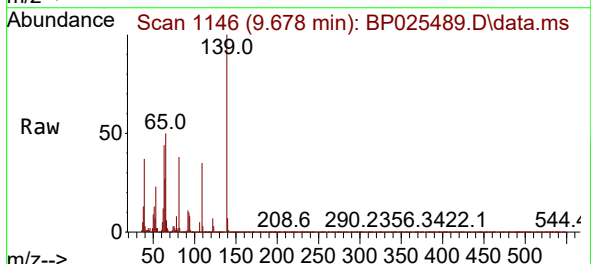
Instrument :
BNA_P
ClientSampleId :
PB169242BS

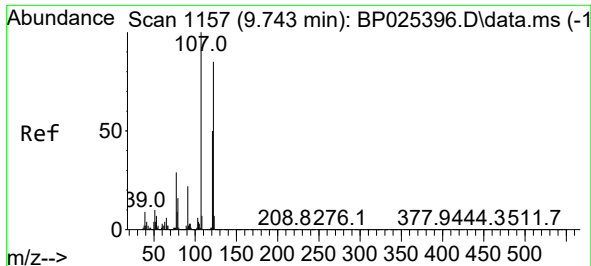
Tgt Ion: 82 Resp: 843994
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.9 15.4 23.0



#26
2-Nitrophenol
Concen: 48.804 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion: 139 Resp: 223852
Ion Ratio Lower Upper
139 100
109 34.5 26.9 40.3
65 50.5 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 50.831 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

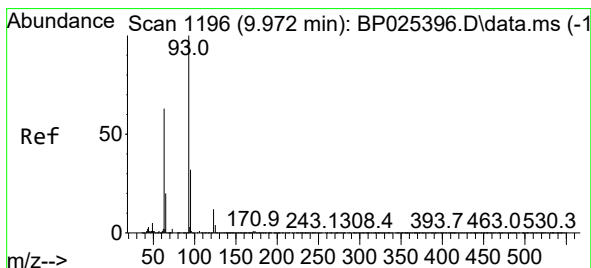
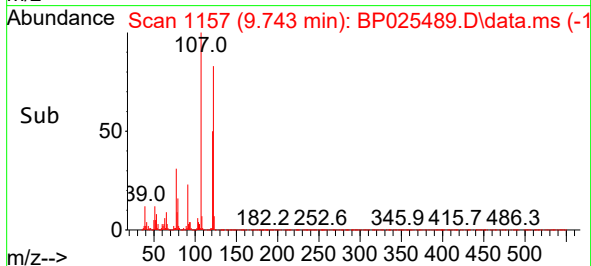
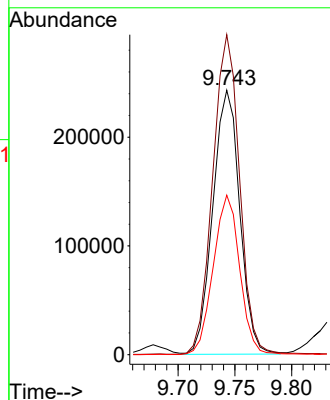
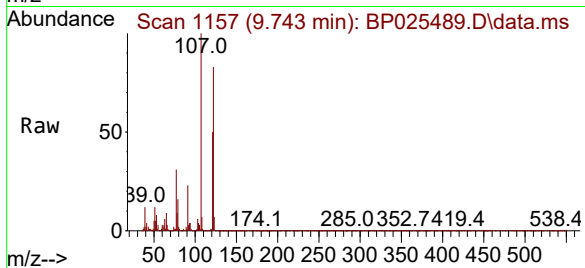
Tgt Ion:122 Resp: 400946

Ion Ratio Lower Upper

122 100

107 121.0 93.7 140.5

121 60.3 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.229 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

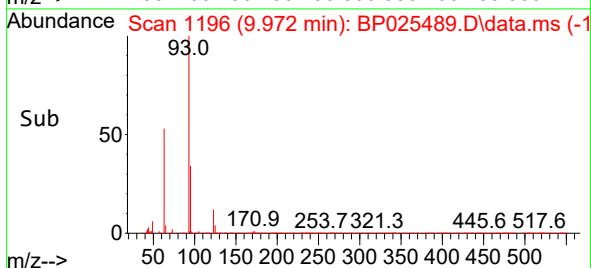
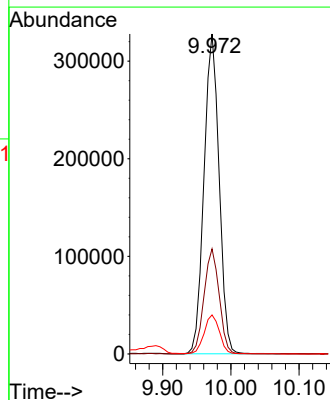
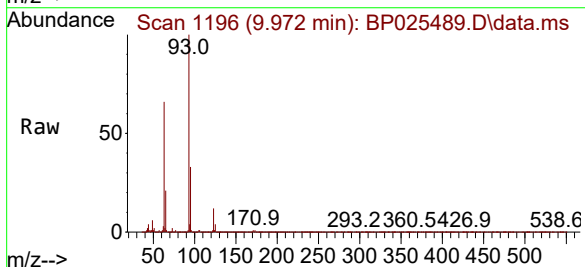
Tgt Ion: 93 Resp: 505254

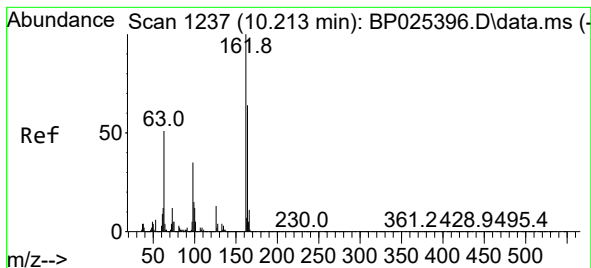
Ion Ratio Lower Upper

93 100

95 32.9 25.4 38.0

123 12.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 51.589 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

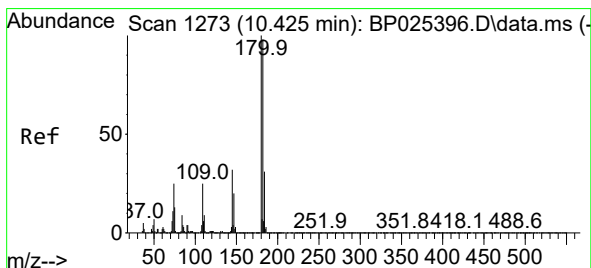
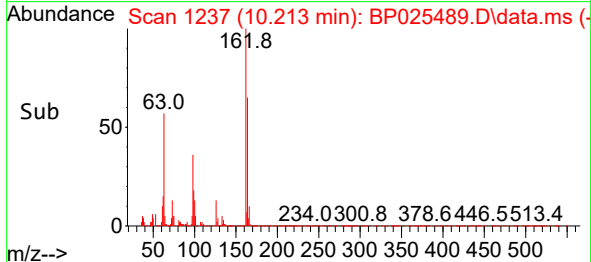
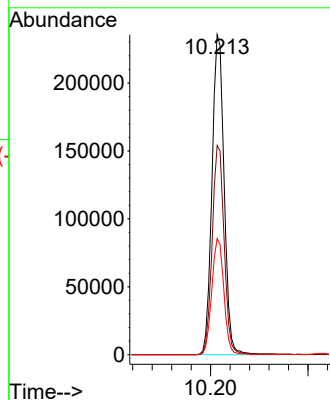
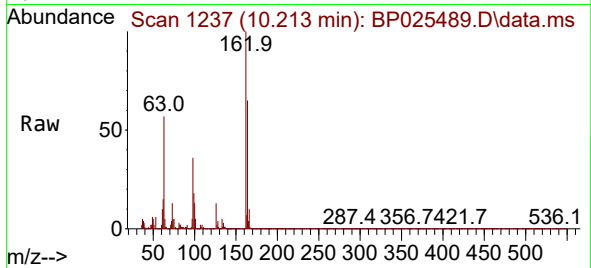
Tgt Ion:162 Resp: 404232

Ion Ratio Lower Upper

162 100

164 65.4 44.4 84.4

98 36.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 46.732 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

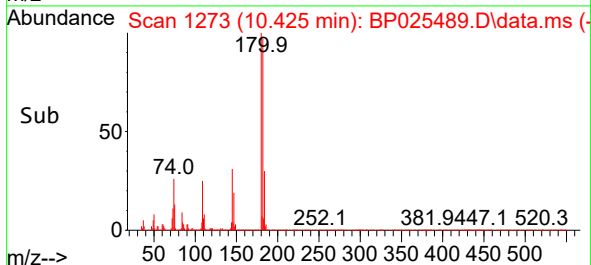
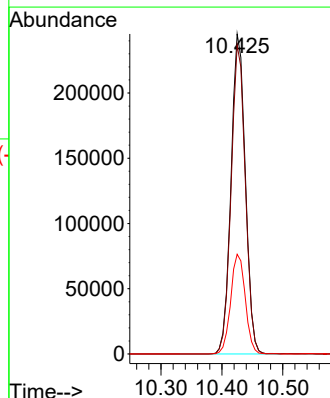
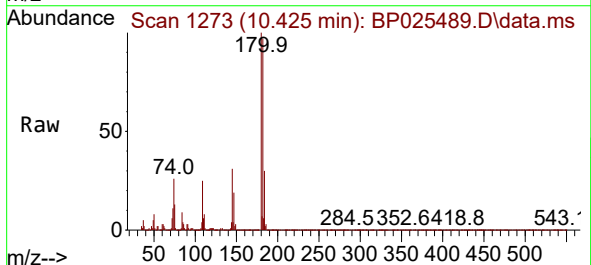
Tgt Ion:180 Resp: 401415

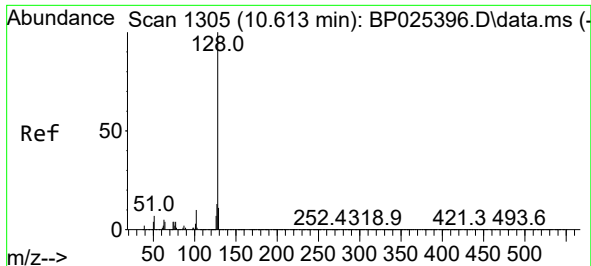
Ion Ratio Lower Upper

180 100

182 96.5 78.0 117.0

145 31.1 25.9 38.9

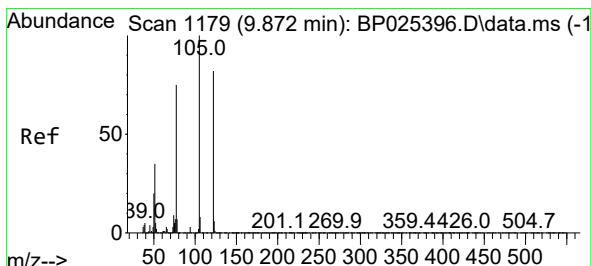
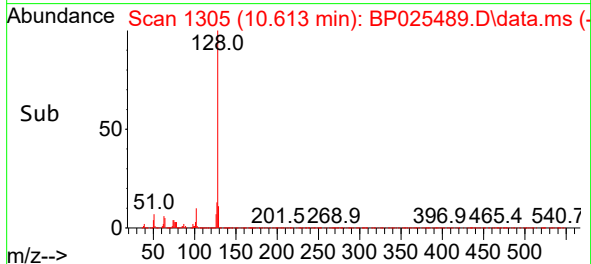
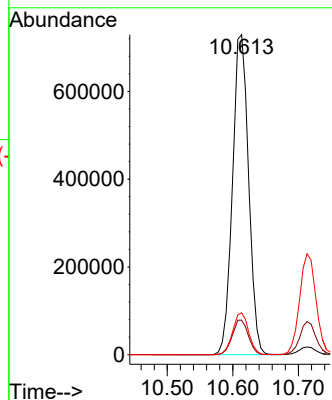
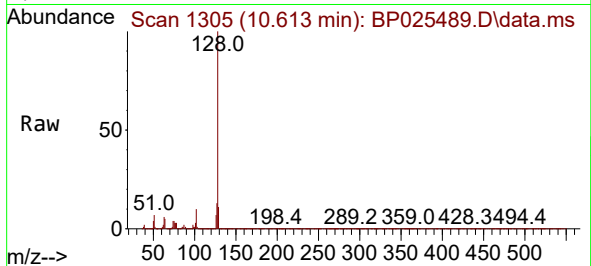




#31
Naphthalene
Concen: 47.331 ng
RT: 10.613 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

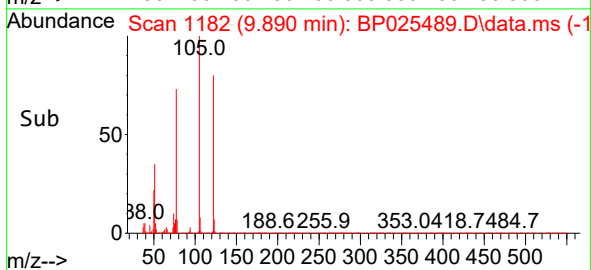
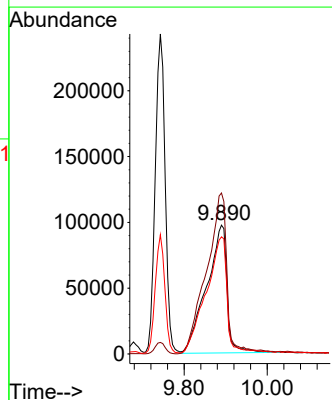
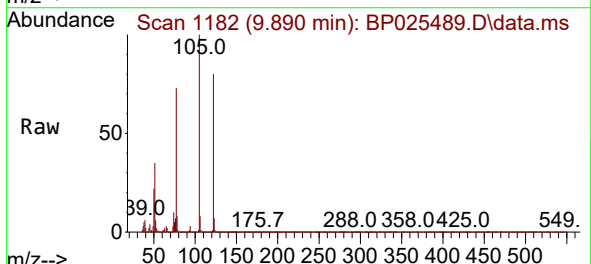
Instrument :
BNA_P
ClientSampleId :
PB169242BS

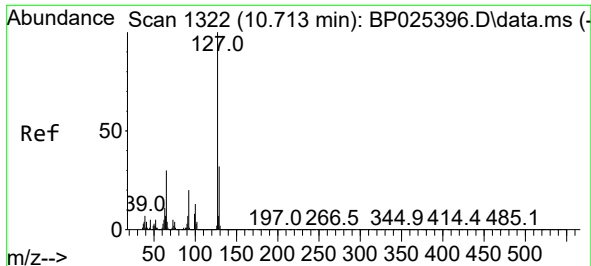
Tgt Ion:128 Resp: 1244457
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 56.986 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:122 Resp: 331854
Ion Ratio Lower Upper
122 100
105 124.9 100.6 140.6
77 90.9 71.5 111.5

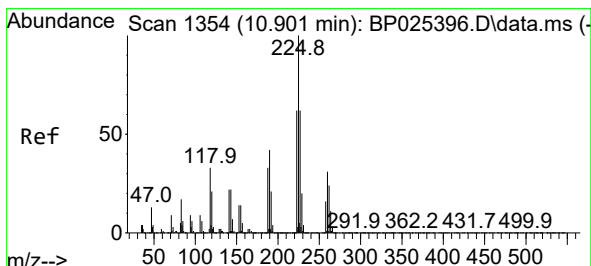
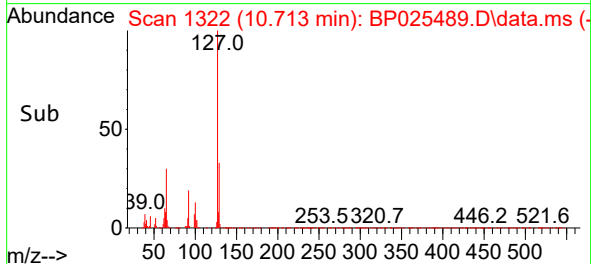
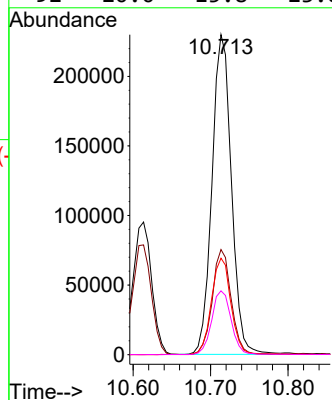
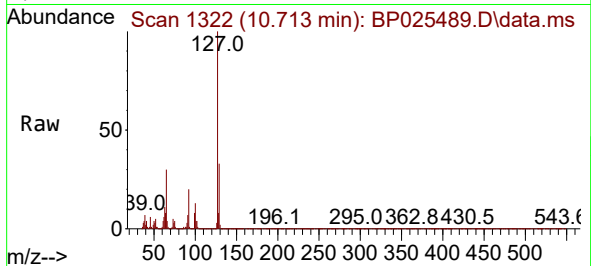




#33
4-Chloroaniline
Concen: 34.569 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

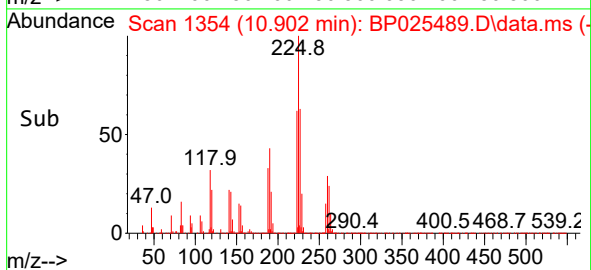
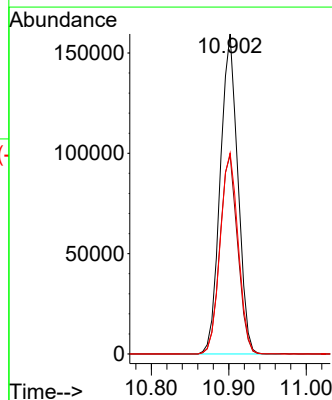
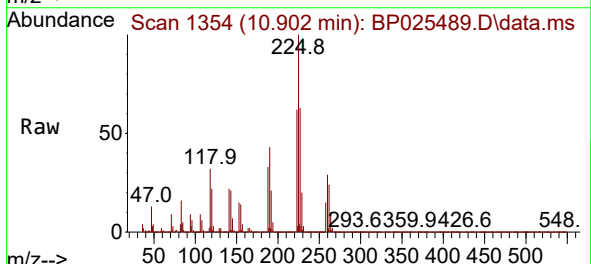
Instrument :
BNA_P
ClientSampleId :
PB169242BS

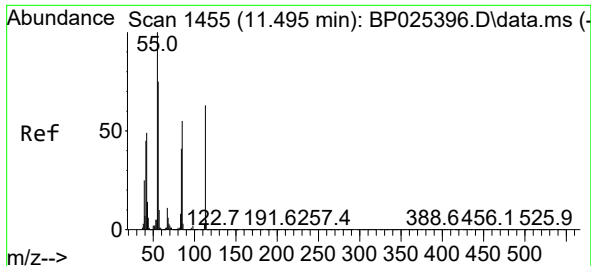
Tgt Ion:	127	Resp:	401484
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.2
65	30.2	23.8	35.6
92	20.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 46.960 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:	225	Resp:	251210
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.0	75.0
227	62.8	49.7	74.5

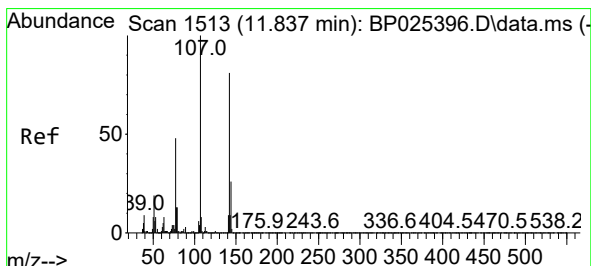
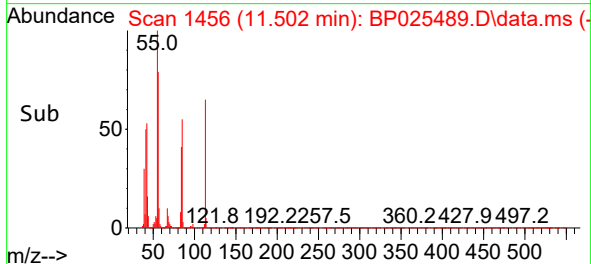
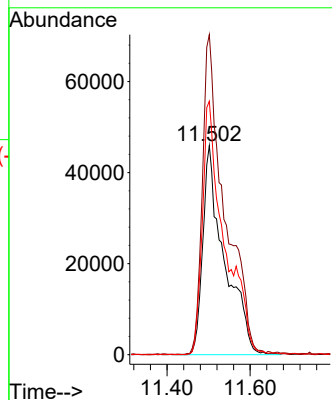
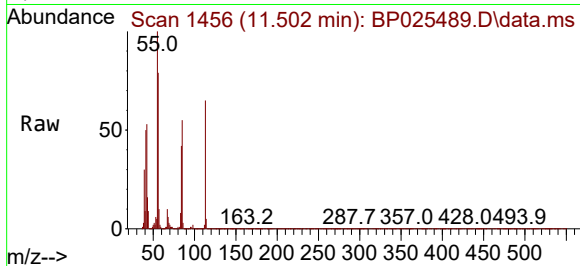




#35
Caprolactam
Concen: 57.557 ng
RT: 11.502 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

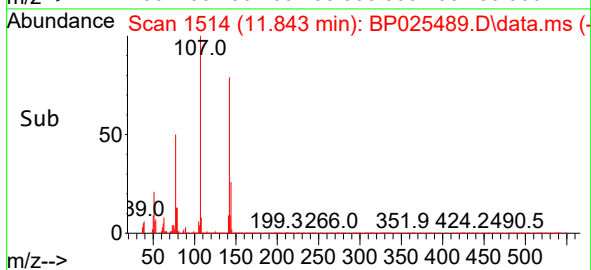
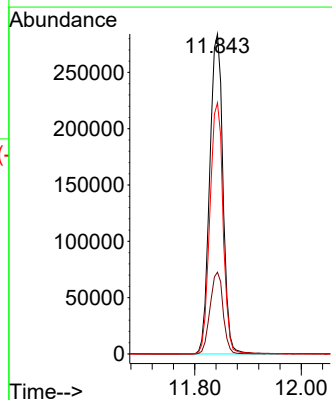
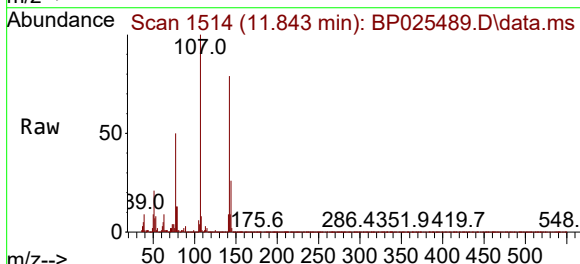
Instrument :
BNA_P
ClientSampleId :
PB169242BS

Tgt Ion:113 Resp: 165373
Ion Ratio Lower Upper
113 100
55 153.1 140.0 180.0
56 121.2 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 54.429 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:107 Resp: 489388
Ion Ratio Lower Upper
107 100
144 25.6 21.0 31.4
142 78.5 64.6 97.0

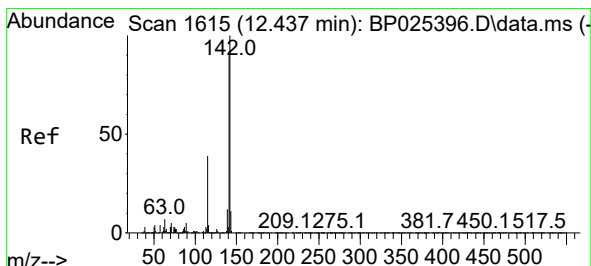
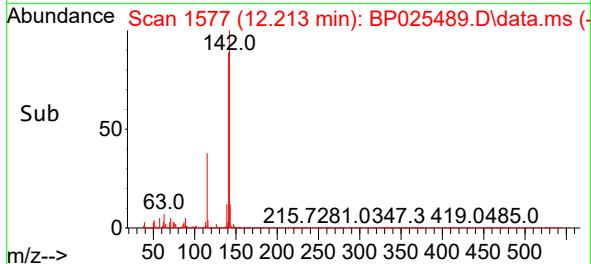
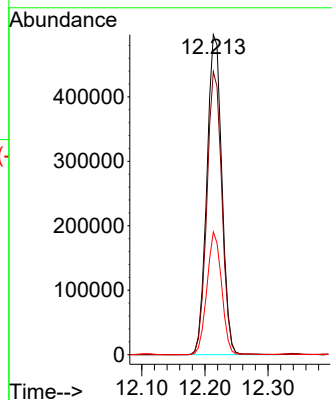
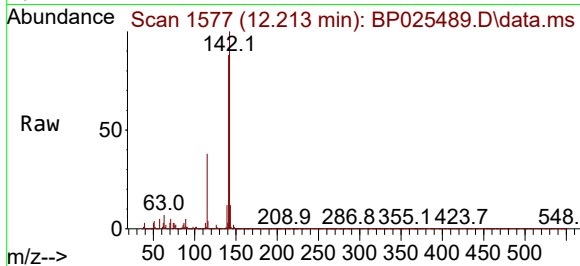




#37
2-Methylnaphthalene
Concen: 47.734 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

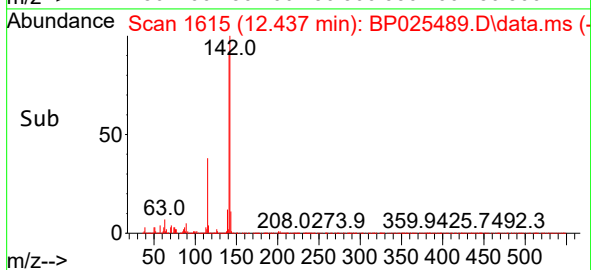
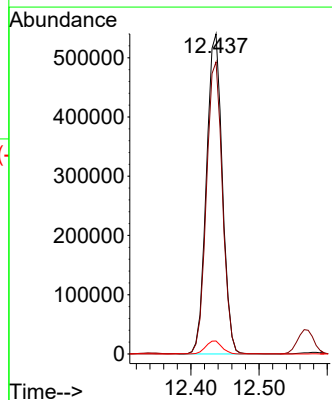
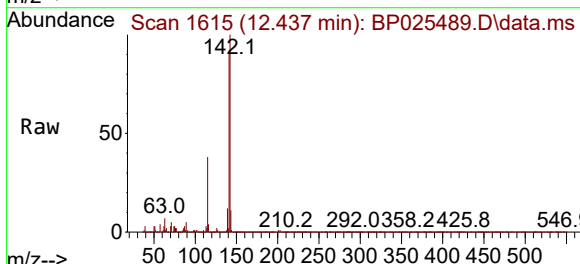
Instrument :
BNA_P
ClientSampleId :
PB169242BS

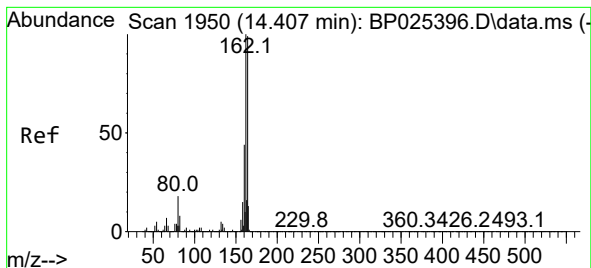
Tgt Ion:142 Resp: 816767
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
115 38.4 28.9 43.3



#38
1-Methylnaphthalene
Concen: 48.086 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:142 Resp: 875005
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

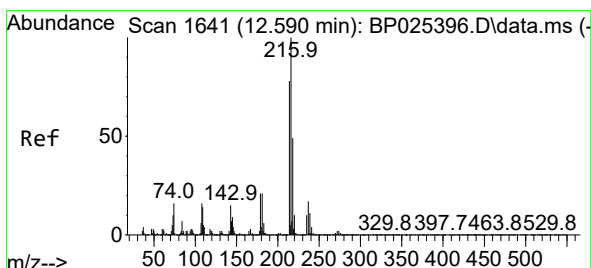
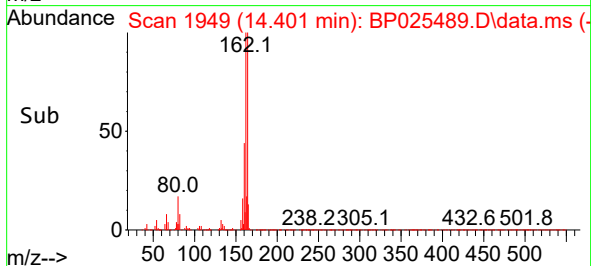
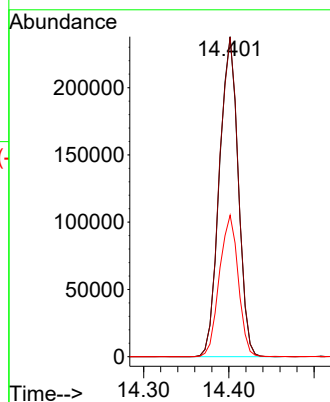
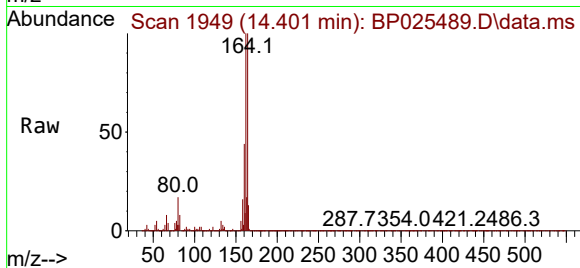
Tgt Ion:164 Resp: 363724

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.6

160 44.2 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.429 ng

RT: 12.584 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Tgt Ion:216 Resp: 466718

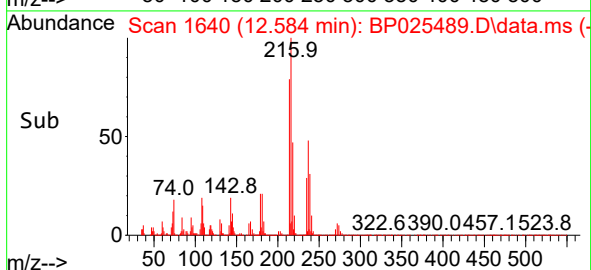
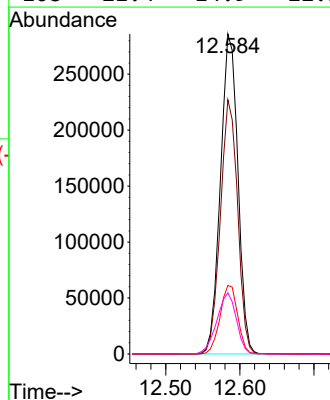
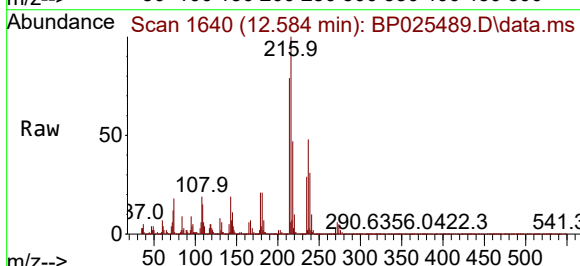
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 21.7 17.1 25.7

108 21.4 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 86.335 ng

RT: 12.572 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

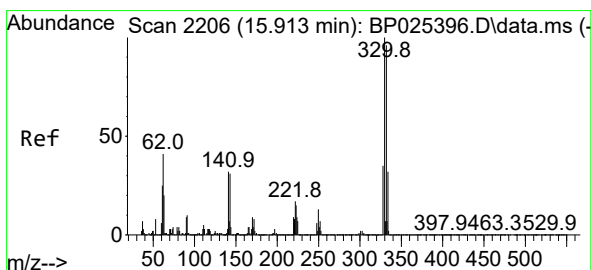
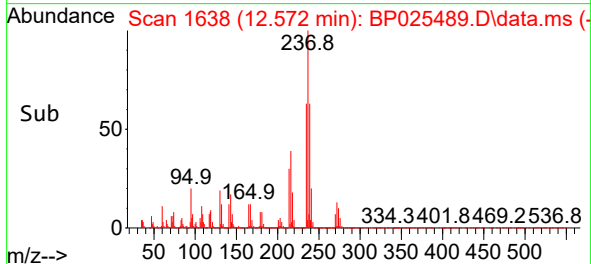
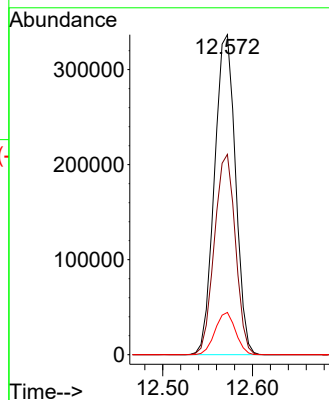
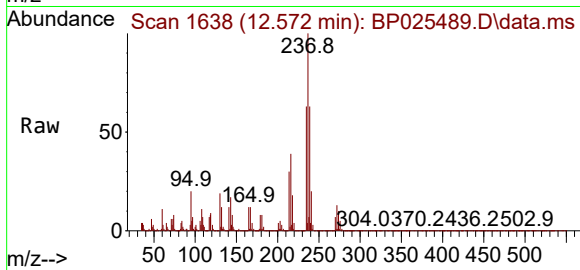
Tgt Ion:237 Resp: 547819

Ion Ratio Lower Upper

237 100

235 62.6 42.7 82.7

272 13.2 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 145.325 ng

RT: 15.907 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

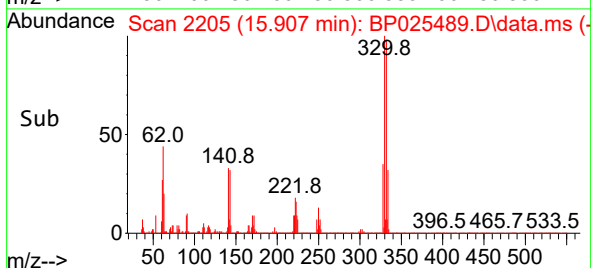
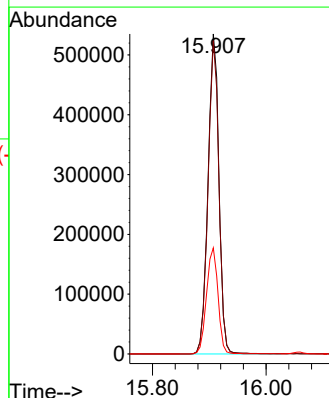
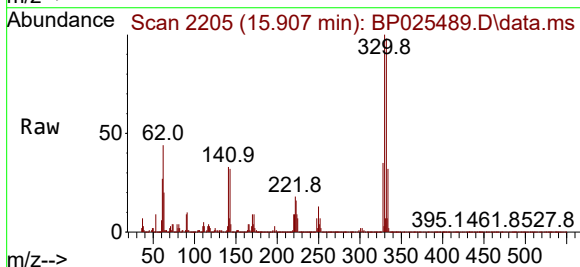
Tgt Ion:330 Resp: 711475

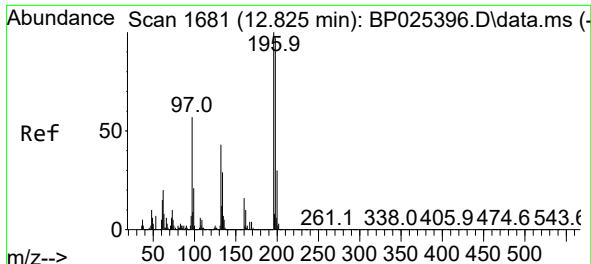
Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

141 34.8 26.6 39.8

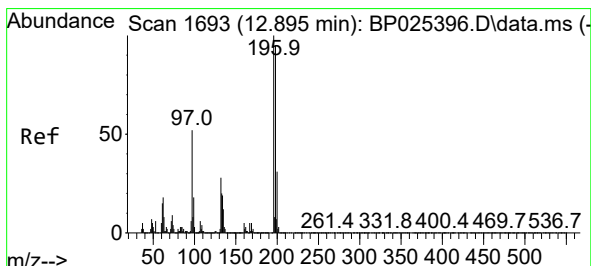
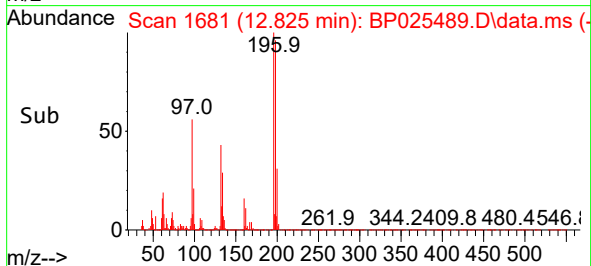
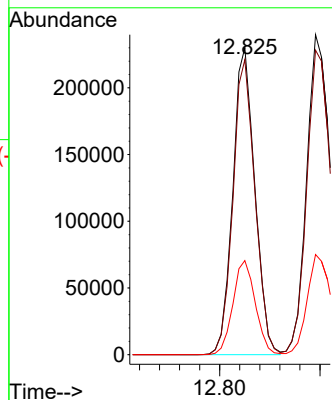
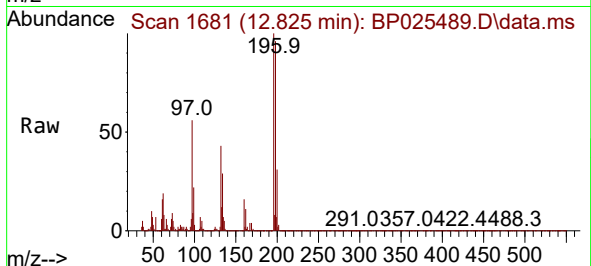




#43
2,4,6-Trichlorophenol
Concen: 49.497 ng
RT: 12.825 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

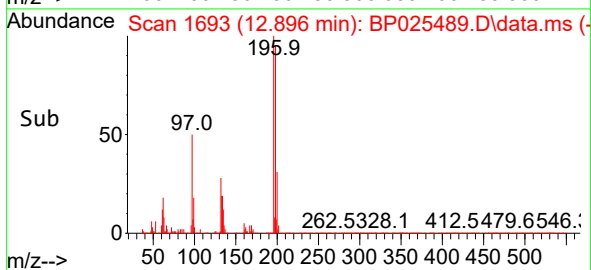
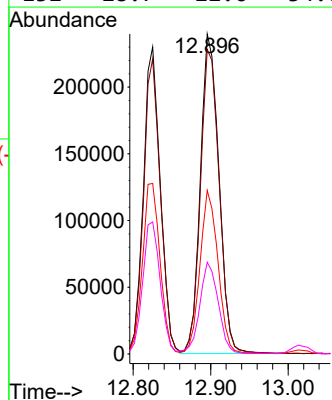
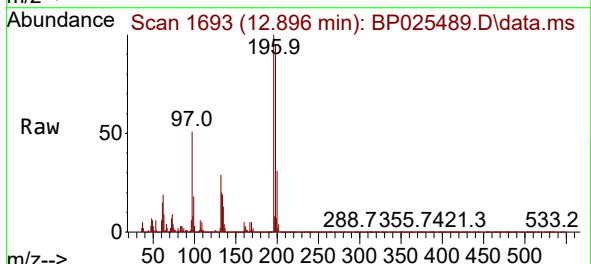
Instrument :
BNA_P
ClientSampleId :
PB169242BS

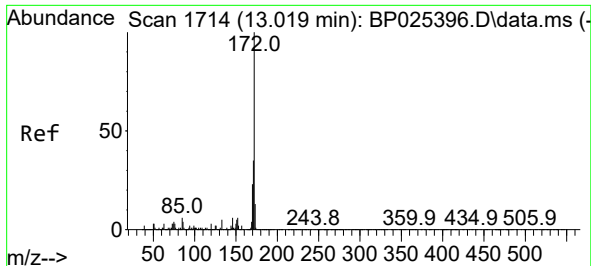
Tgt Ion:196 Resp: 351027
Ion Ratio Lower Upper
196 100
198 96.1 77.2 115.8
200 30.6 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 51.255 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:196 Resp: 398379
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.2
97 51.1 41.2 61.8
132 28.7 22.6 34.0

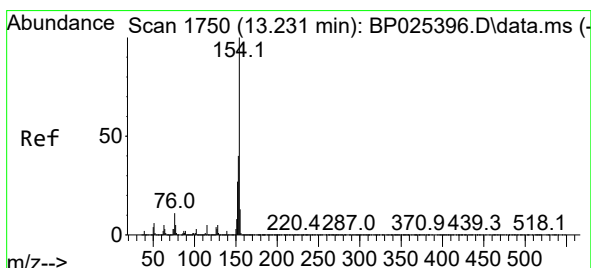
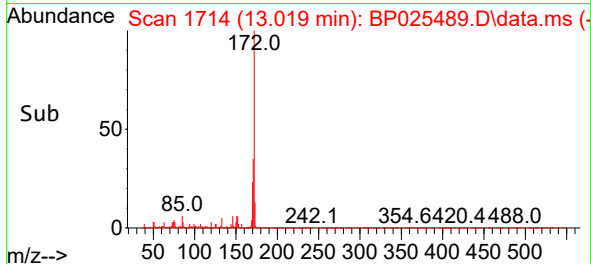
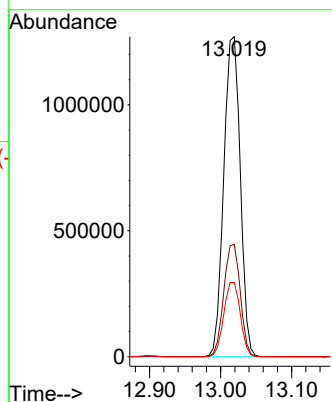
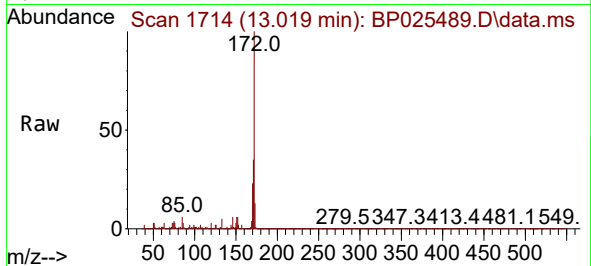




#45
2-Fluorobiphenyl
Concen: 76.836 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

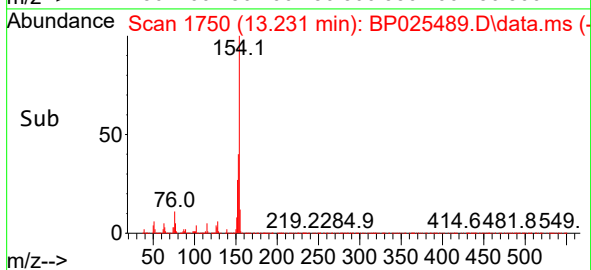
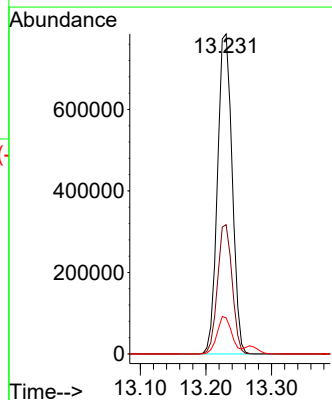
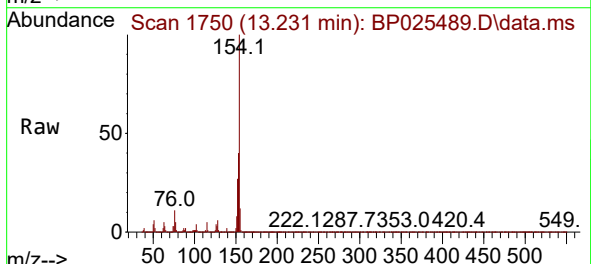
Instrument :
BNA_P
ClientSampleId :
PB169242BS

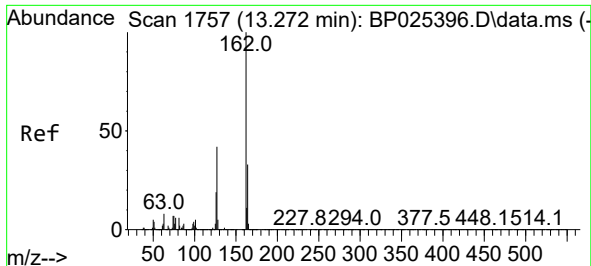
Tgt Ion:172 Resp: 2044889
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 45.928 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:154 Resp: 1213211
Ion Ratio Lower Upper
154 100
153 40.4 19.5 59.5
76 11.3 0.0 31.1

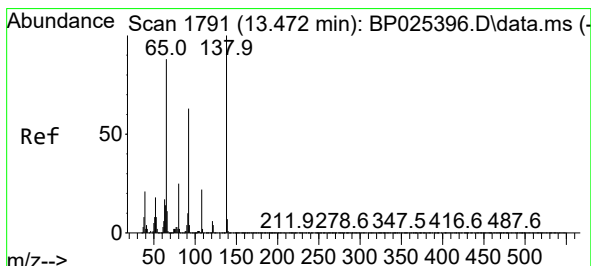
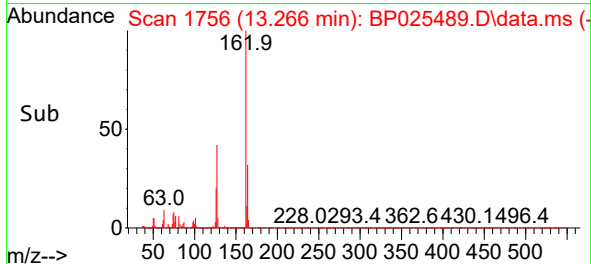
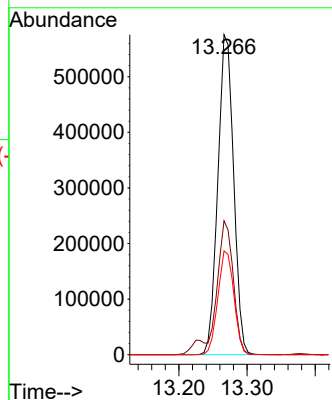
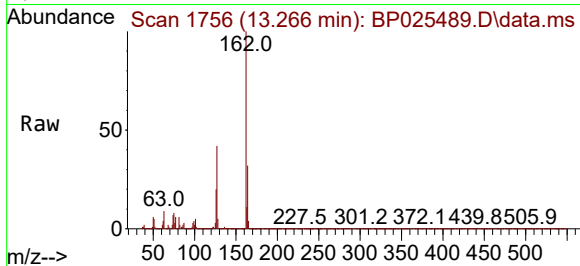




#47
2-Chloronaphthalene
Concen: 45.143 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

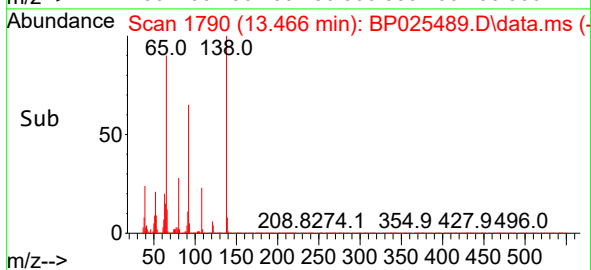
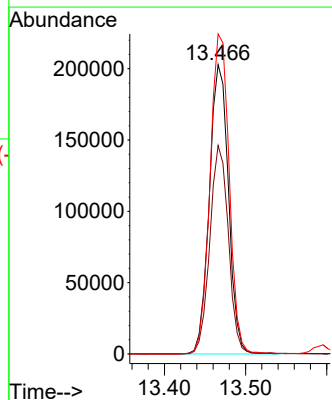
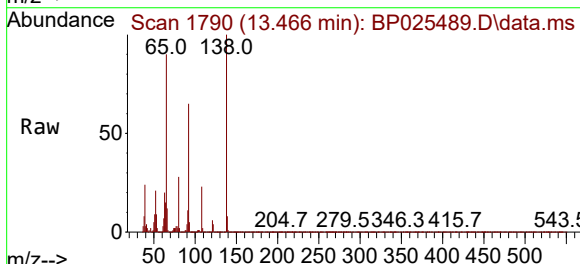
Instrument :
BNA_P
ClientSampleId :
PB169242BS

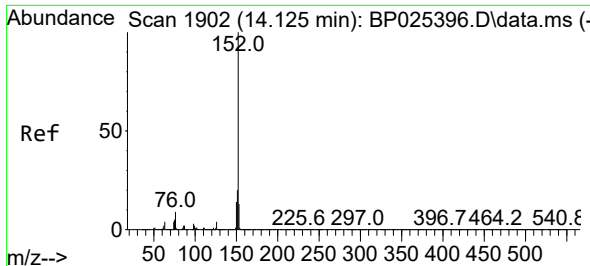
Tgt Ion:162 Resp: 928328
Ion Ratio Lower Upper
162 100
127 41.8 33.4 50.2
164 32.5 26.2 39.2



#48
2-Nitroaniline
Concen: 55.264 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion: 65 Resp: 331140
Ion Ratio Lower Upper
65 100
92 72.1 57.6 86.4
138 110.6 91.0 136.6

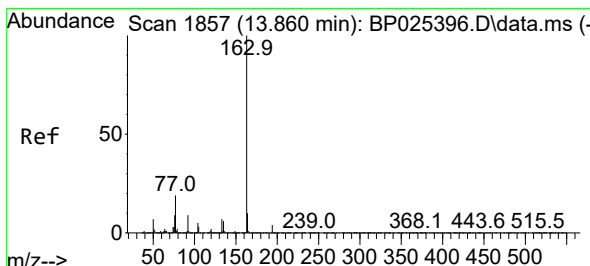
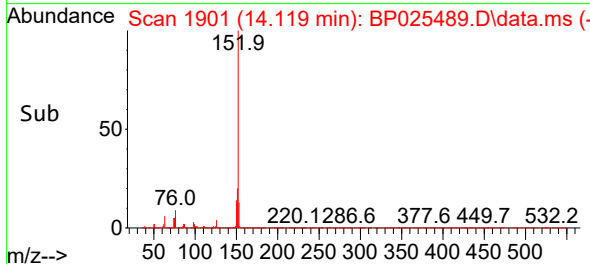
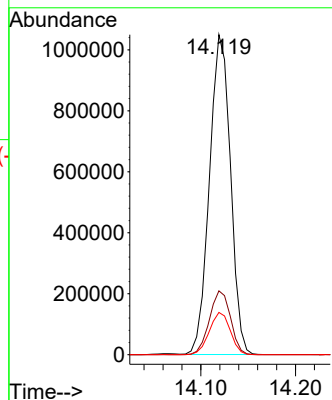
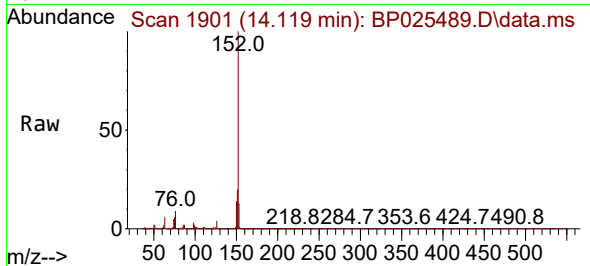




#49
Acenaphthylene
Concen: 47.578 ng
RT: 14.119 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

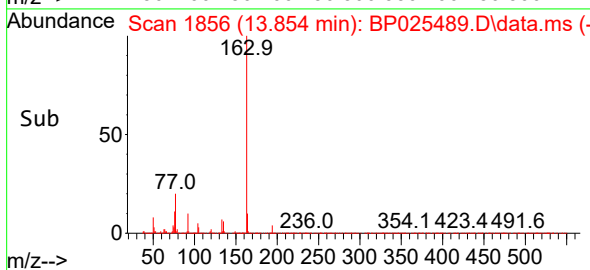
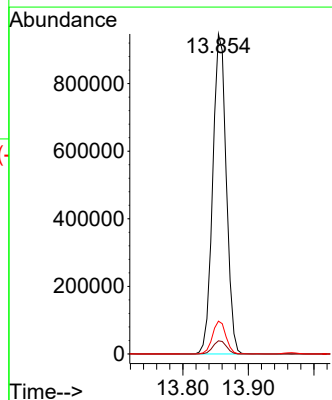
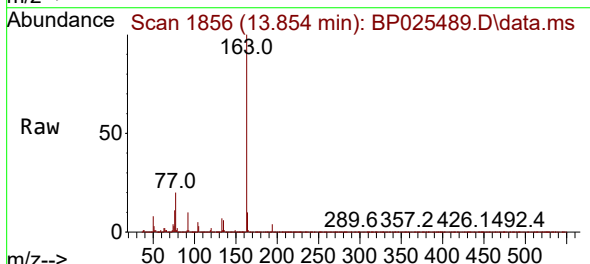
Instrument :
BNA_P
ClientSampleId :
PB169242BS

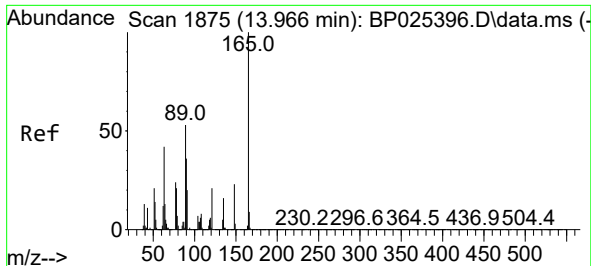
Tgt Ion:152 Resp: 1618996
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 50.931 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:163 Resp: 1356557
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 7.9 11.9

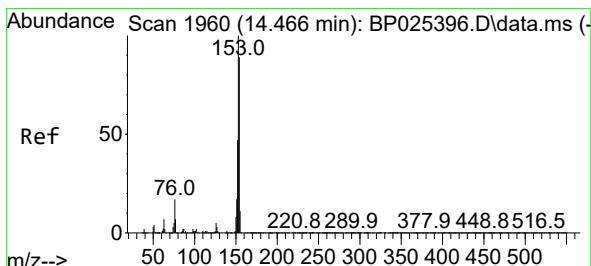
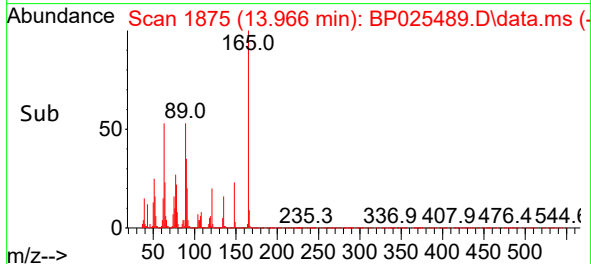
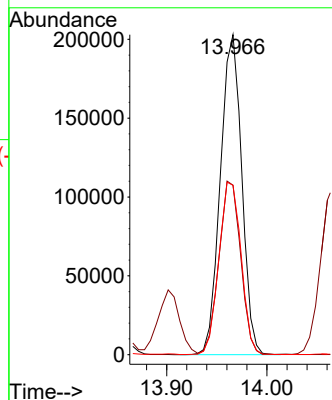
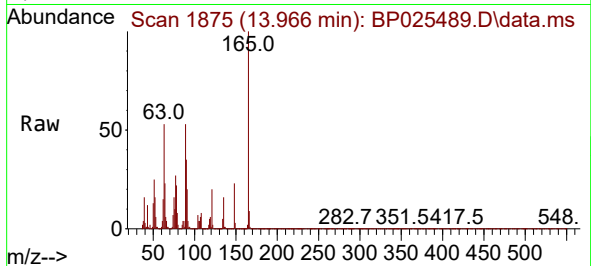




#51
2,6-Dinitrotoluene
Concen: 53.440 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

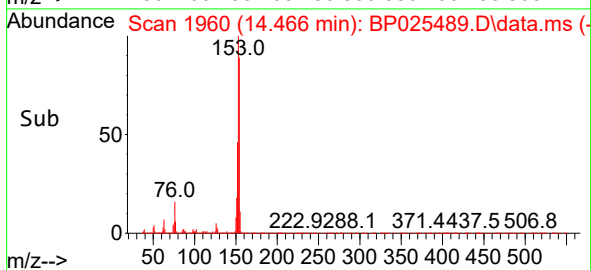
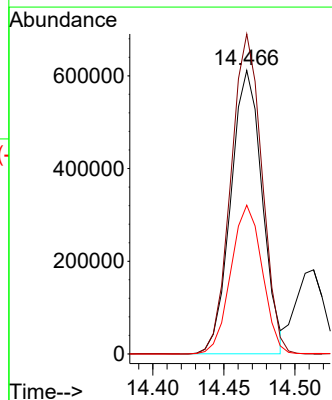
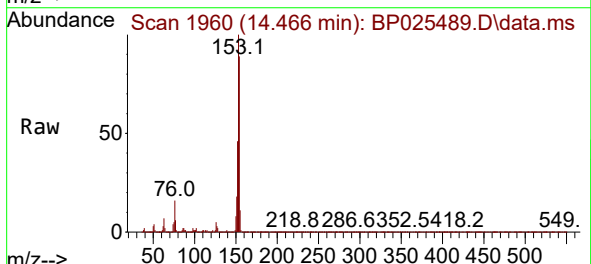
Instrument :
BNA_P
ClientSampleId :
PB169242BS

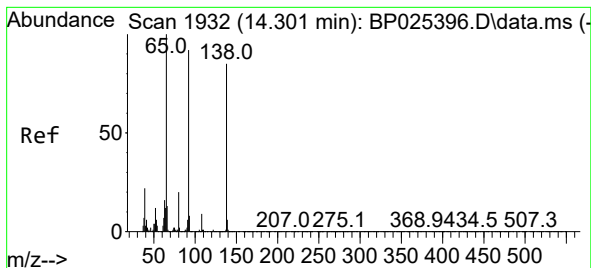
Tgt Ion:165 Resp: 300006
Ion Ratio Lower Upper
165 100
63 53.0 40.9 61.3
89 53.0 42.1 63.1



#52
Acenaphthene
Concen: 47.071 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:154 Resp: 940183
Ion Ratio Lower Upper
154 100
153 112.8 90.2 135.2
152 52.5 42.1 63.1

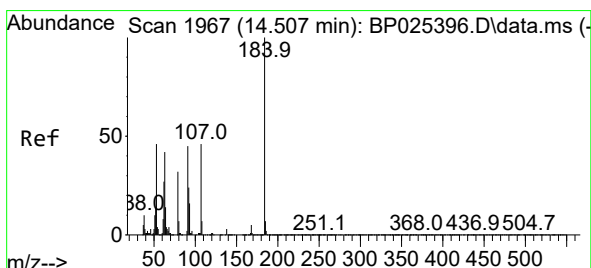
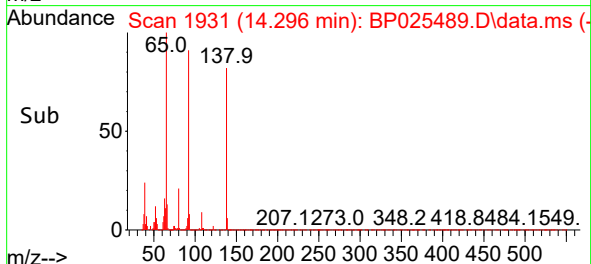
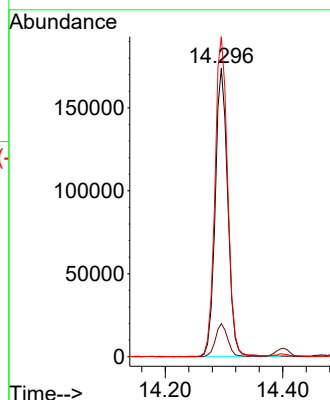
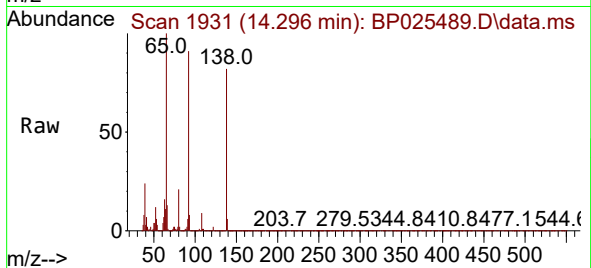




#53
3-Nitroaniline
Concen: 40.618 ng
RT: 14.296 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

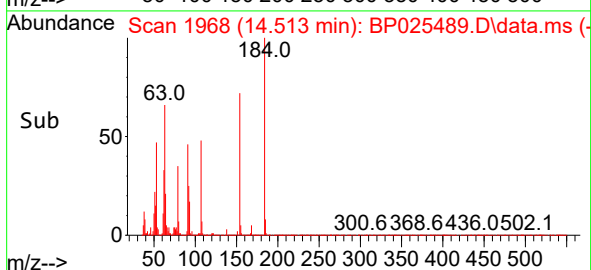
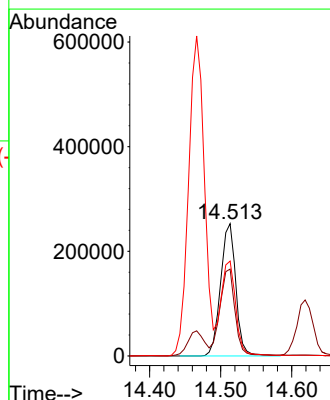
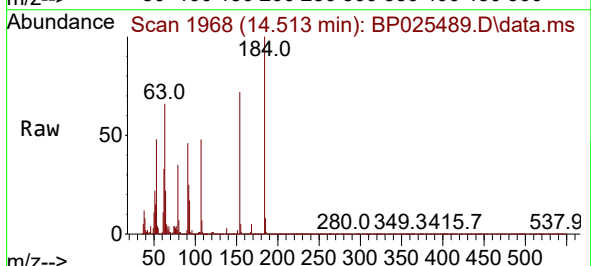
Instrument :
BNA_P
ClientSampleId :
PB169242BS

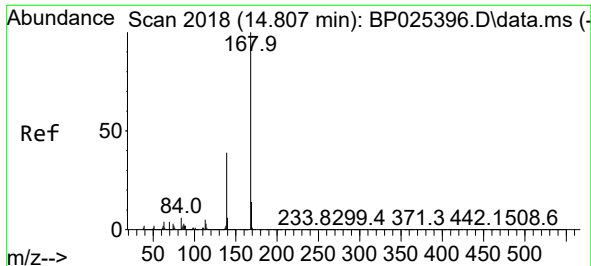
Tgt Ion:138 Resp: 256549
Ion Ratio Lower Upper
138 100
108 11.4 8.3 12.5
92 110.9 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 125.571 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:184 Resp: 376459
Ion Ratio Lower Upper
184 100
63 65.7 49.4 74.2
154 71.8 54.6 82.0

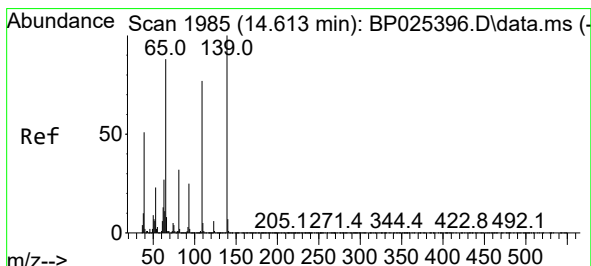
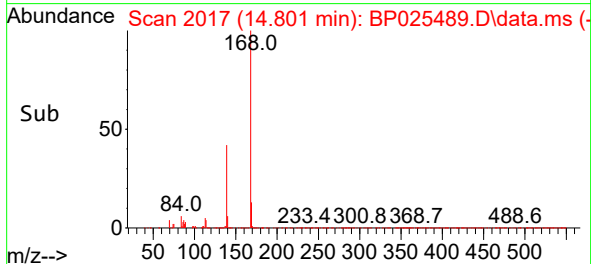
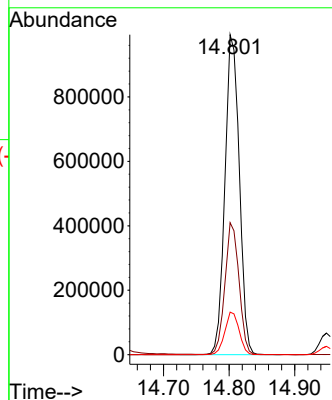
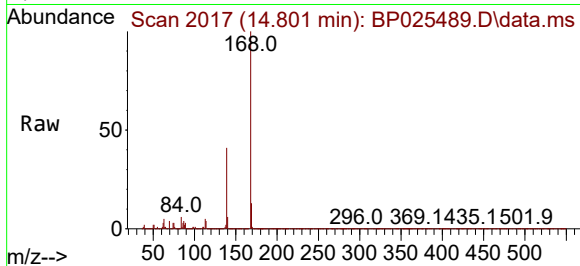




#55
Dibenzenofuran
Concen: 47.694 ng
RT: 14.801 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

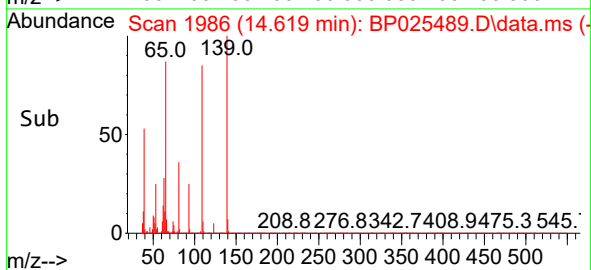
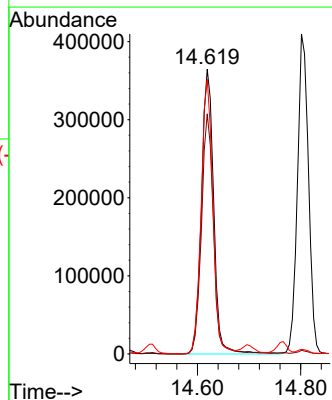
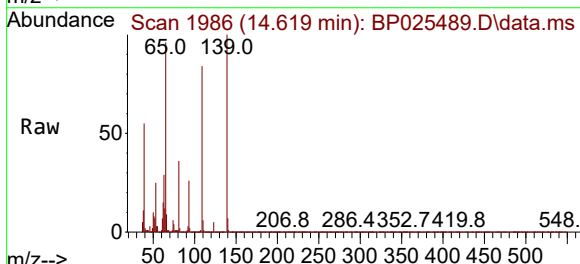
Instrument :
BNA_P
ClientSampleId :
PB169242BS

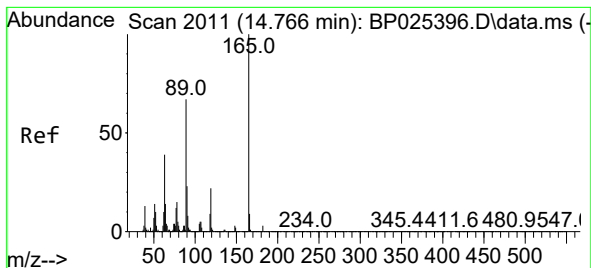
Tgt Ion:168 Resp: 1506121
Ion Ratio Lower Upper
168 100
139 41.3 31.5 47.3
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 115.169 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:139 Resp: 597756
Ion Ratio Lower Upper
139 100
109 84.3 56.6 96.6
65 96.4 68.2 108.2

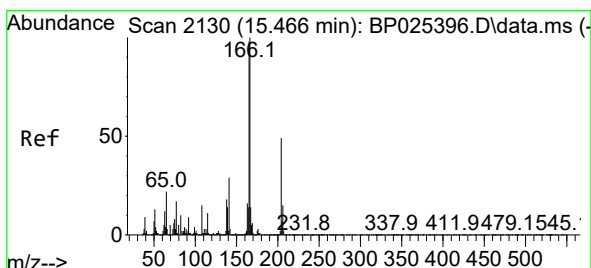
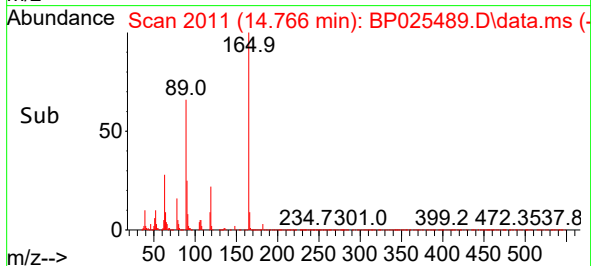
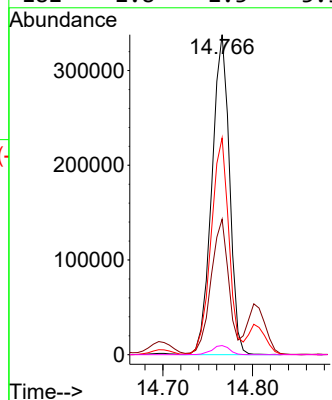
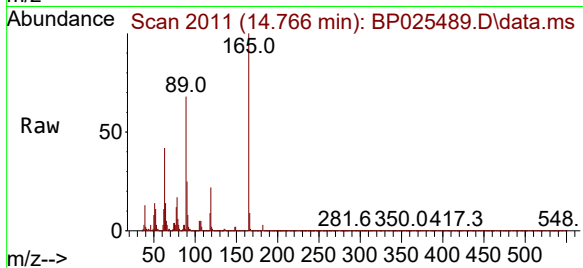




#57
2,4-Dinitrotoluene
Concen: 57.476 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

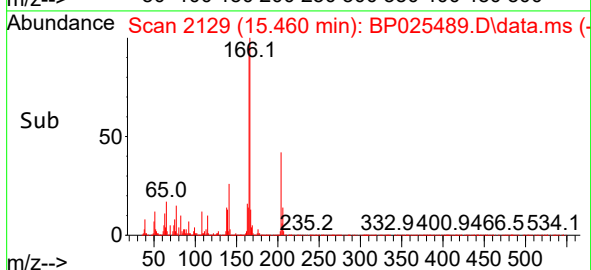
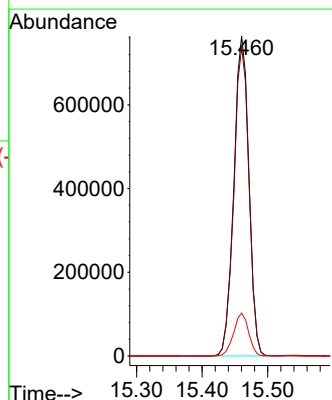
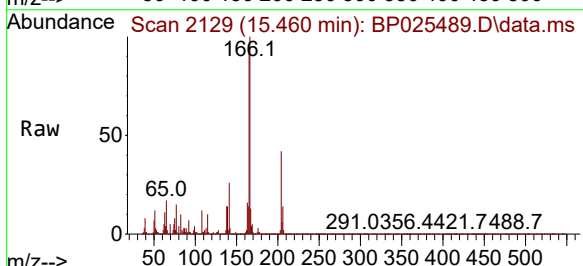
Instrument :
BNA_P
ClientSampleId :
PB169242BS

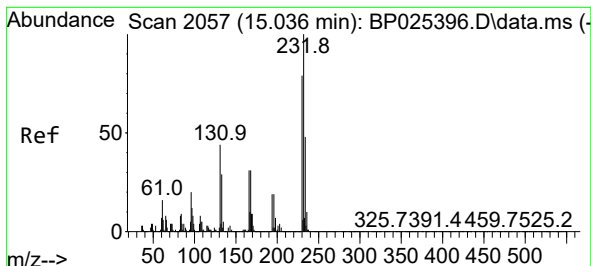
Tgt Ion:165 Resp: 460365
Ion Ratio Lower Upper
165 100
63 42.4 31.4 47.2
89 67.8 53.3 79.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 48.945 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:166 Resp: 1219615
Ion Ratio Lower Upper
166 100
165 96.4 78.8 118.2
167 13.4 11.0 16.4

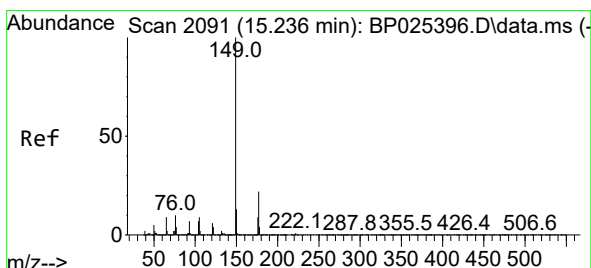
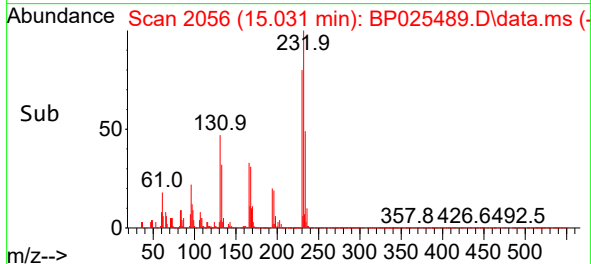
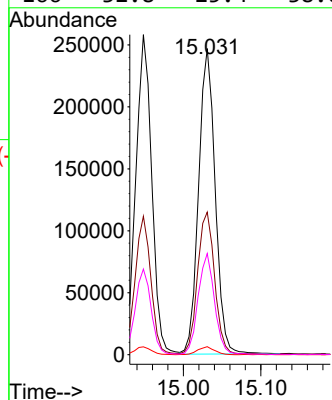
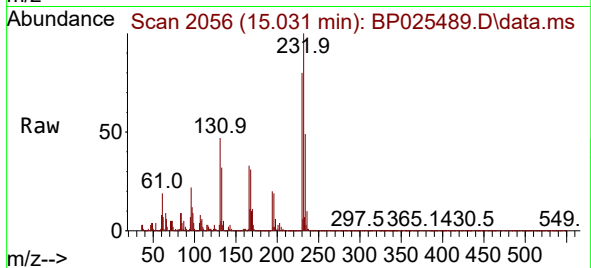




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.468 ng
RT: 15.031 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

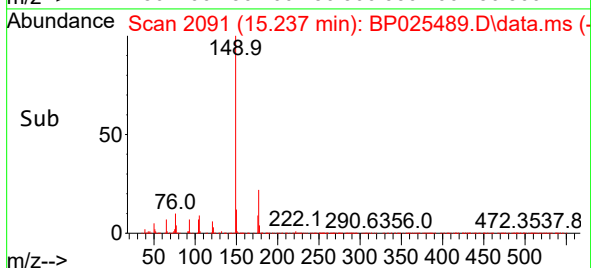
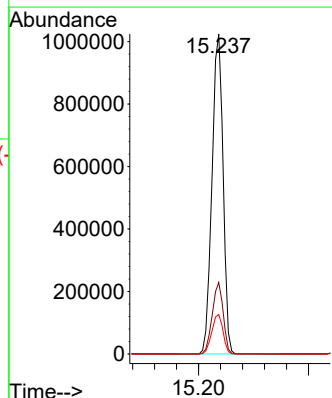
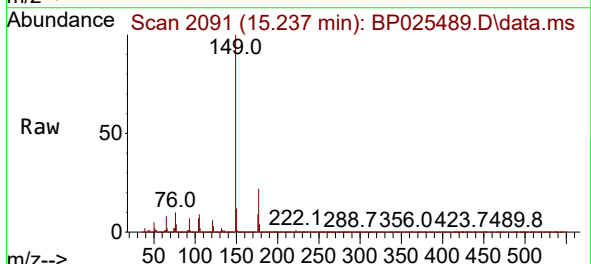
Instrument :
BNA_P
ClientSampleId :
PB169242BS

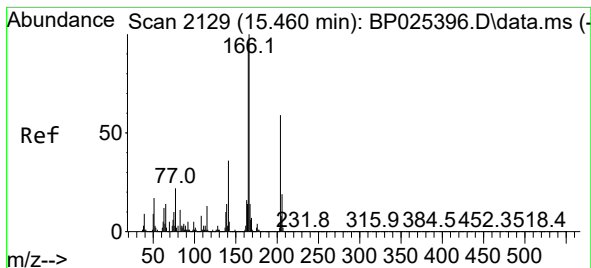
Tgt Ion:232 Resp: 366949
Ion Ratio Lower Upper
232 100
131 47.8 37.0 55.6
130 2.6 1.9 2.9
166 32.8 25.4 38.0



#60
Diethylphthalate
Concen: 52.907 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:149 Resp: 1431889
Ion Ratio Lower Upper
149 100
177 22.4 17.3 25.9
150 12.3 10.3 15.5

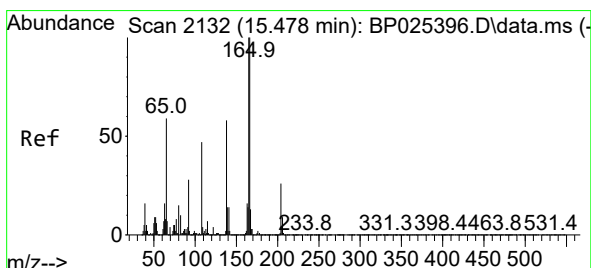
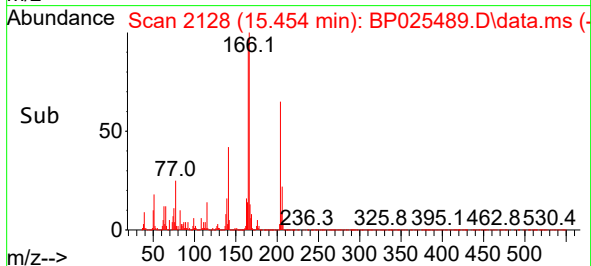
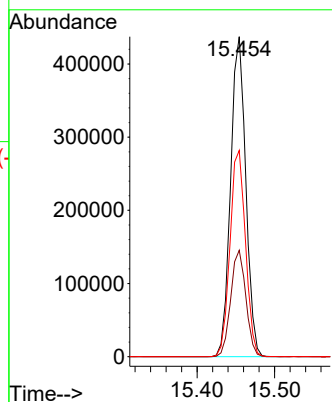
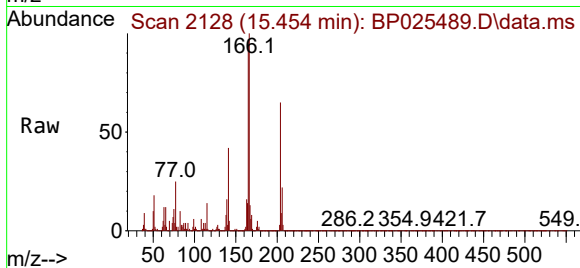




#61
4-Chlorophenyl-phenylether
Concen: 48.058 ng
RT: 15.454 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

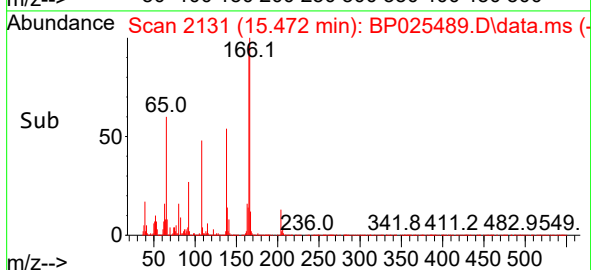
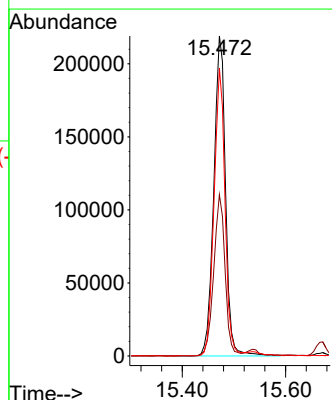
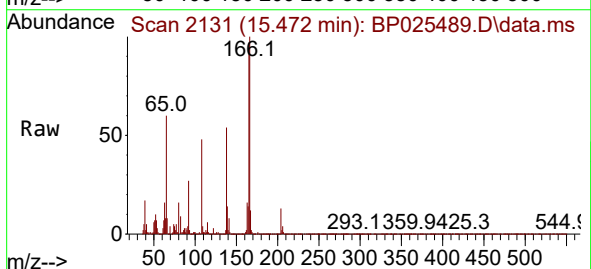
Instrument :
BNA_P
ClientSampleId :
PB169242BS

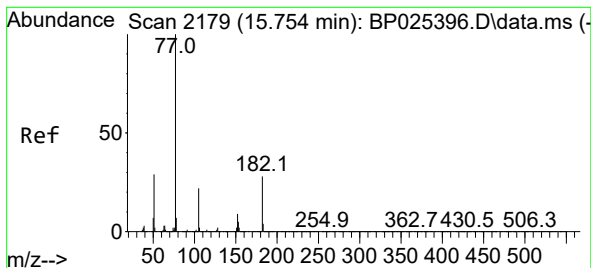
Tgt Ion:204 Resp: 595570
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 64.5 49.4 74.2



#62
4-Nitroaniline
Concen: 53.400 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:138 Resp: 345776
Ion Ratio Lower Upper
138 100
92 50.4 29.1 69.1
108 90.0 61.5 101.5





#63

Azobenzene

Concen: 53.570 ng

RT: 15.748 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

Tgt Ion: 77 Resp: 1241428

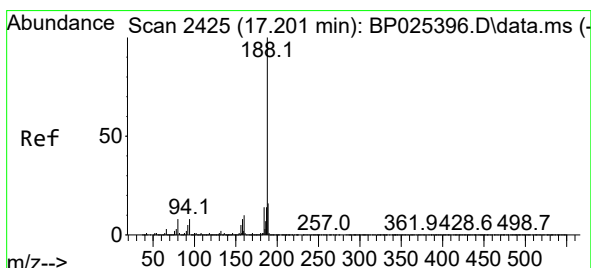
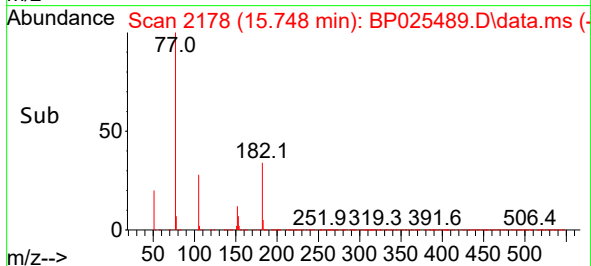
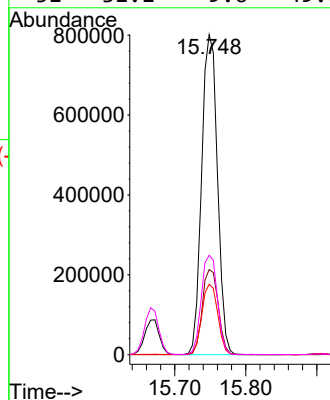
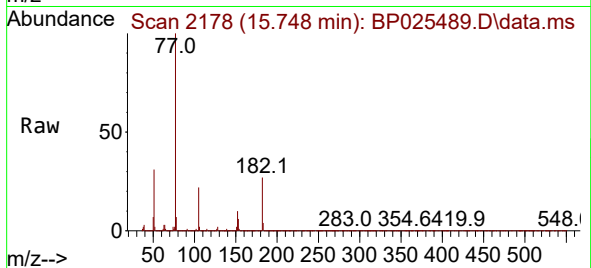
Ion Ratio Lower Upper

77 100

182 26.6 7.5 47.5

105 22.0 2.1 42.1

51 31.1 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

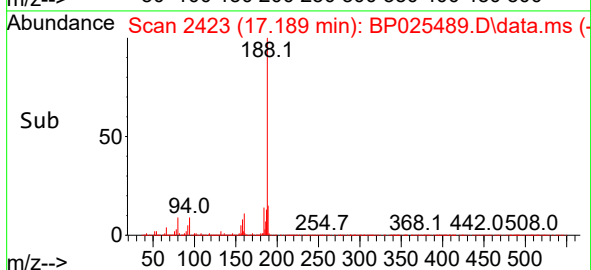
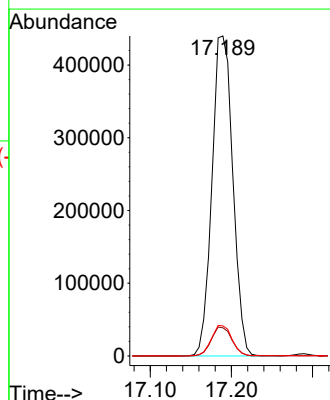
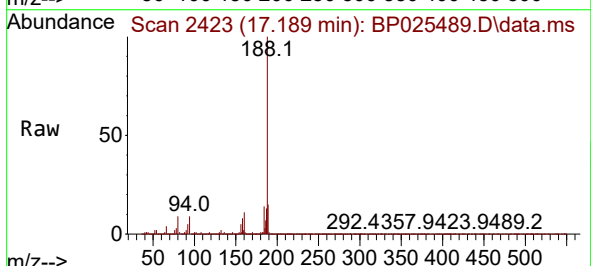
Tgt Ion:188 Resp: 785967

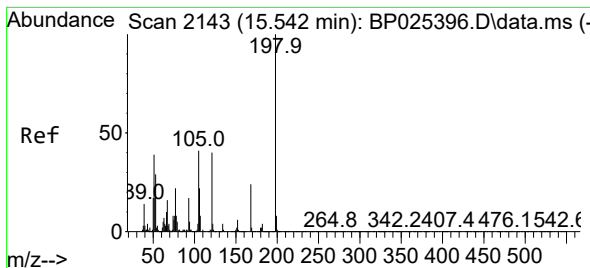
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.4 6.7 10.1

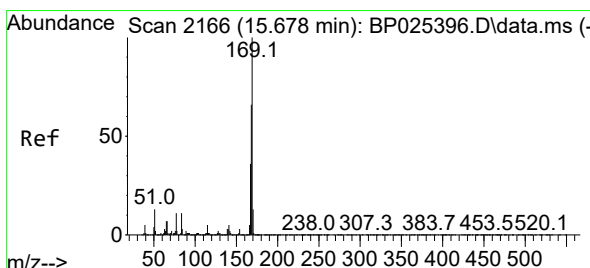
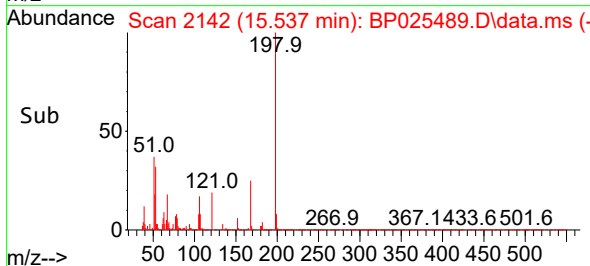
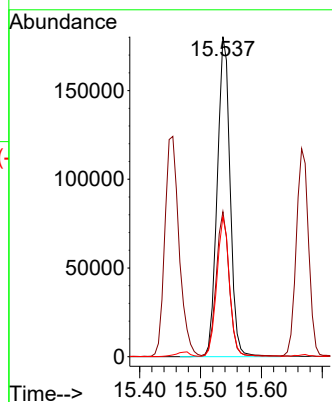
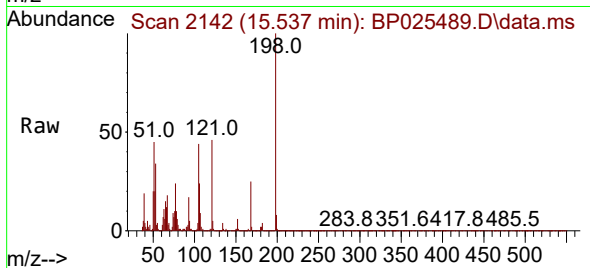




#65
4,6-Dinitro-2-methylphenol
Concen: 53.851 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

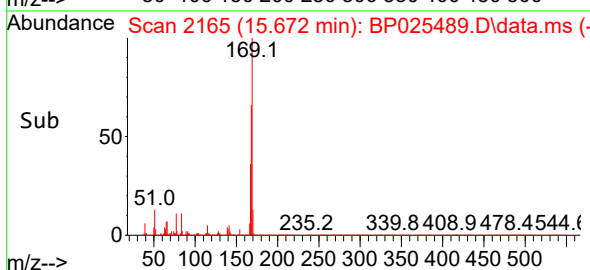
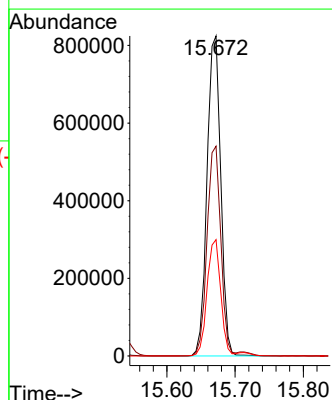
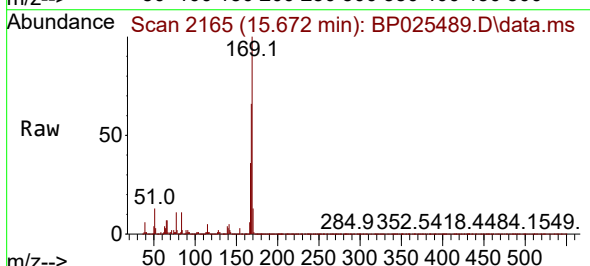
Instrument :
BNA_P
ClientSampleId :
PB169242BS

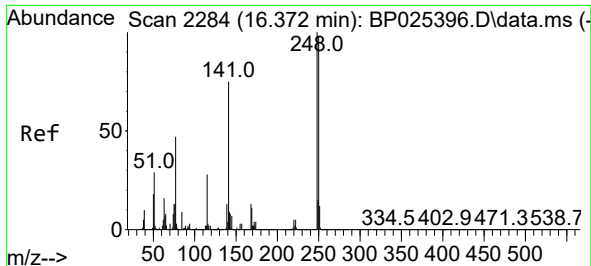
Tgt Ion:198 Resp: 263835
Ion Ratio Lower Upper
198 100
51 45.3 19.6 59.6
105 43.7 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 48.120 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:169 Resp: 1153302
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 36.3 28.7 43.1

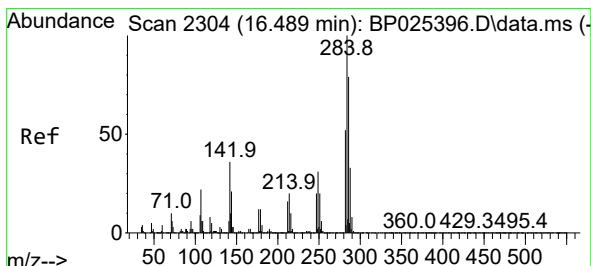
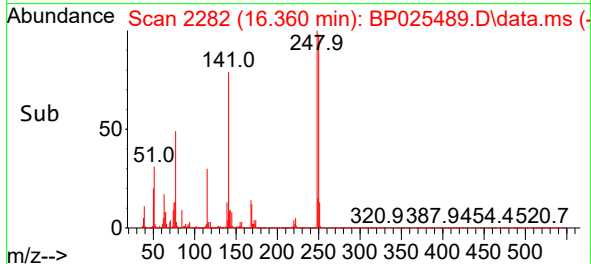
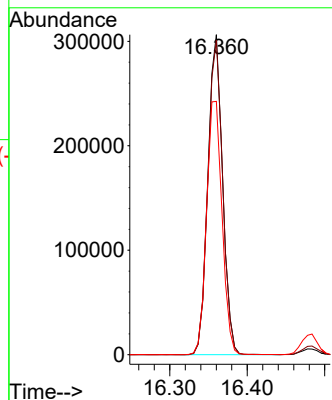
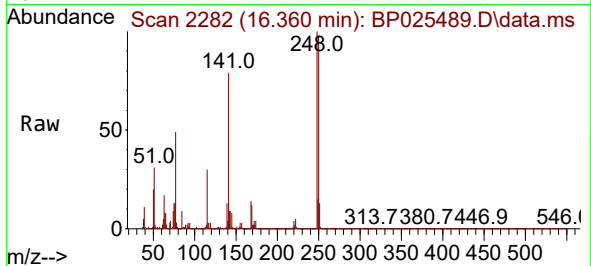




#67
4-Bromophenyl-phenylether
Concen: 46.815 ng
RT: 16.360 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

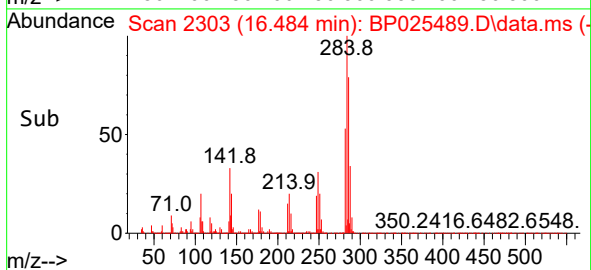
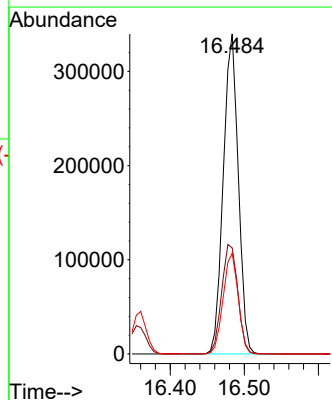
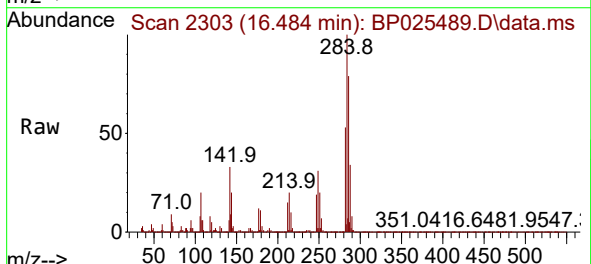
Instrument :
BNA_P
ClientSampleId :
PB169242BS

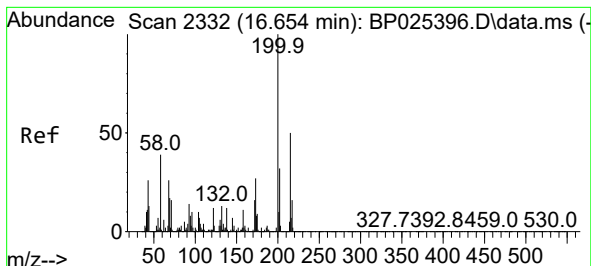
Tgt Ion:248 Resp: 404681
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.2
141 79.2 59.6 89.4



#68
Hexachlorobenzene
Concen: 47.697 ng
RT: 16.484 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025489.D
Acq: 20 Aug 2025 01:07

Tgt Ion:284 Resp: 477945
Ion Ratio Lower Upper
284 100
142 33.2 29.1 43.7
249 31.4 25.0 37.4





#69

Atrazine

Concen: 51.717 ng

RT: 16.637 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

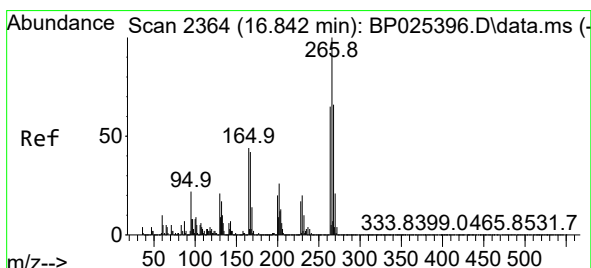
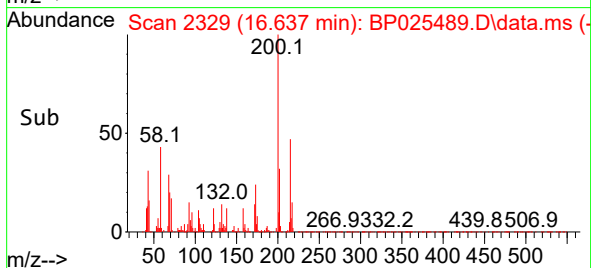
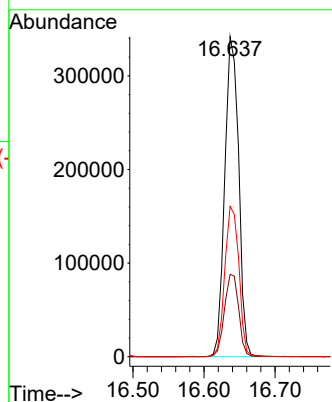
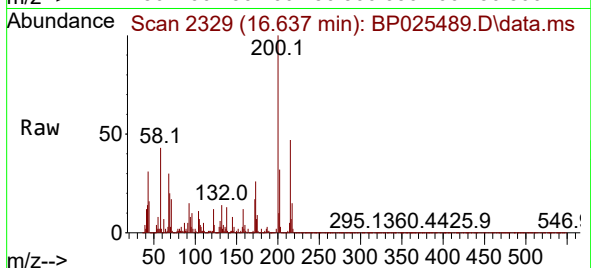
Tgt Ion:200 Resp: 464200

Ion Ratio Lower Upper

200 100

173 25.7 6.7 46.7

215 47.0 29.7 69.7



#70

Pentachlorophenol

Concen: 107.267 ng

RT: 16.837 min Scan# 2363

Delta R.T. -0.006 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

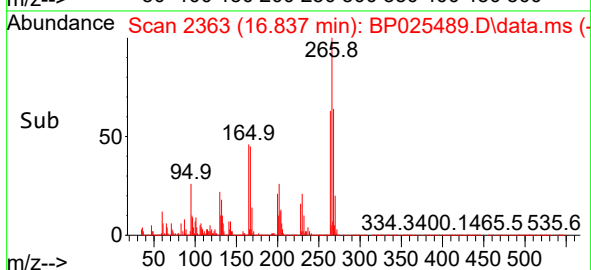
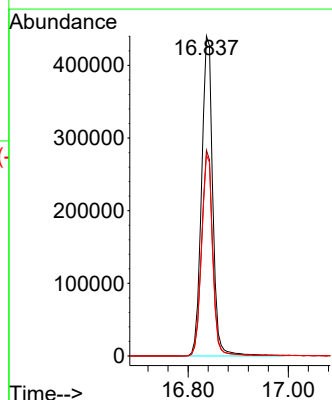
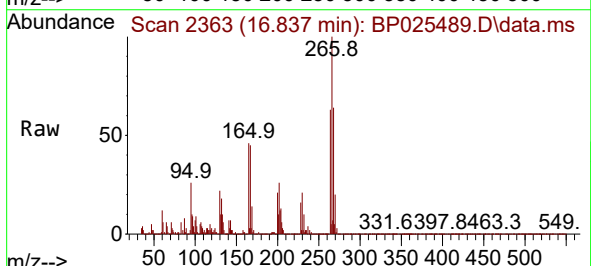
Tgt Ion:266 Resp: 678508

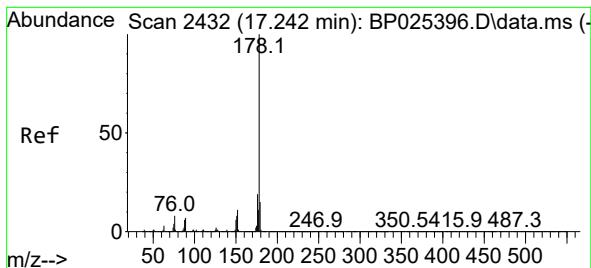
Ion Ratio Lower Upper

266 100

268 64.3 52.6 79.0

264 62.8 52.0 78.0





#71

Phenanthrene

Concen: 48.800 ng

RT: 17.237 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

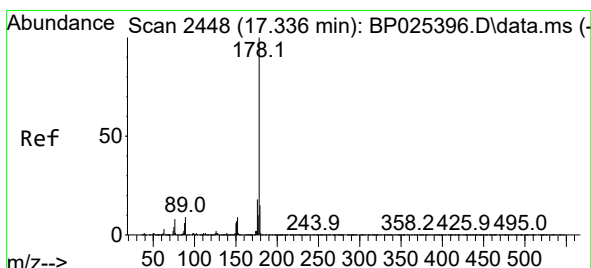
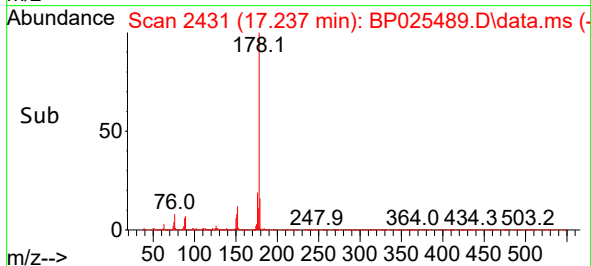
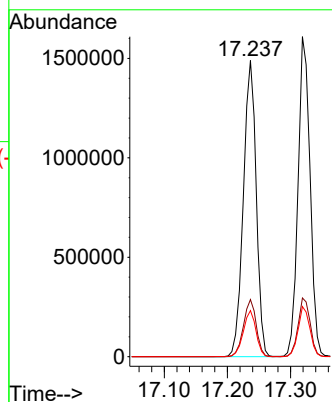
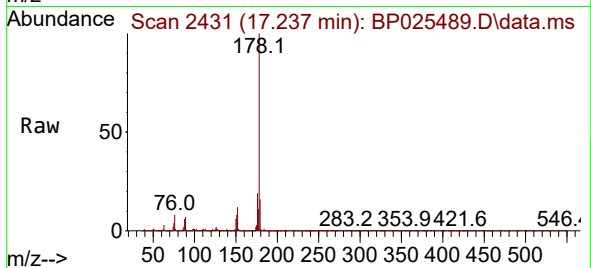
Tgt Ion:178 Resp: 2106985

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.6 12.2 18.4



#72

Anthracene

Concen: 48.459 ng

RT: 17.319 min Scan# 2445

Delta R.T. -0.017 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

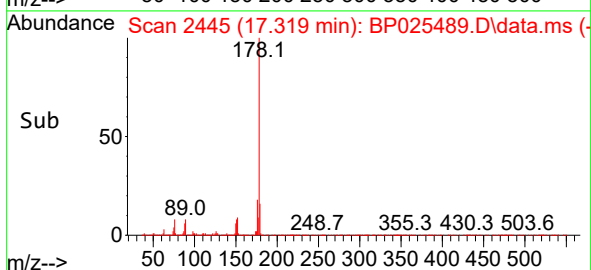
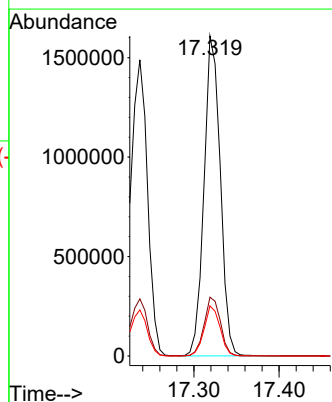
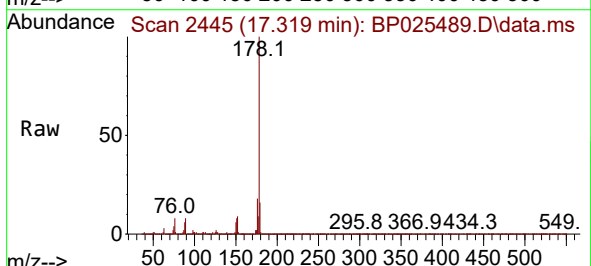
Tgt Ion:178 Resp: 2136608

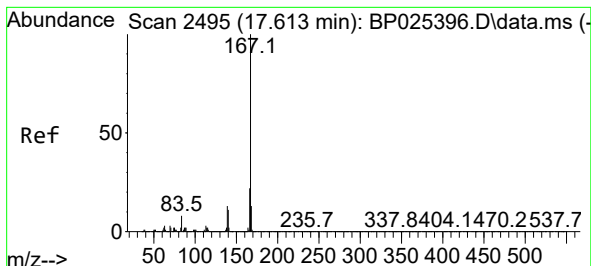
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.6 12.2 18.2





#73

Carbazole

Concen: 51.060 ng

RT: 17.601 min Scan# 2495

Delta R.T. -0.012 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

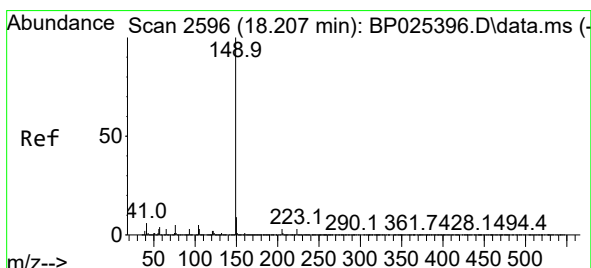
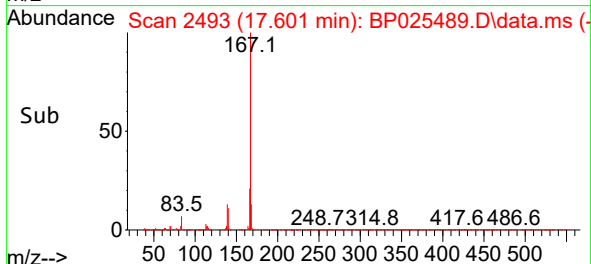
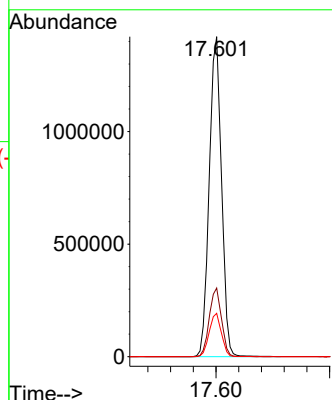
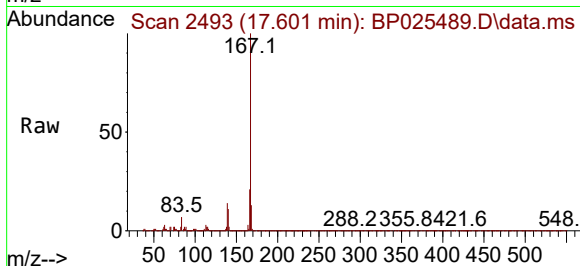
Tgt Ion:167 Resp: 2120545

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 13.6 10.6 16.0



#74

Di-n-butylphthalate

Concen: 52.470 ng

RT: 18.195 min Scan# 2594

Delta R.T. -0.012 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

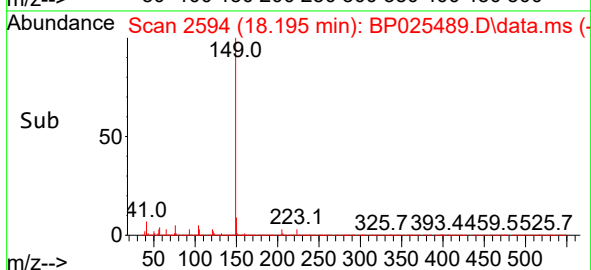
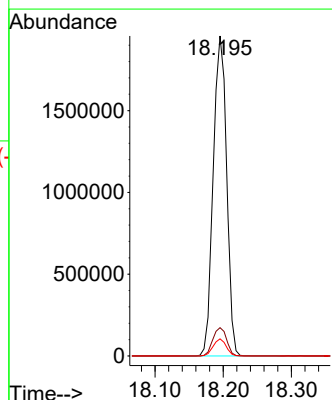
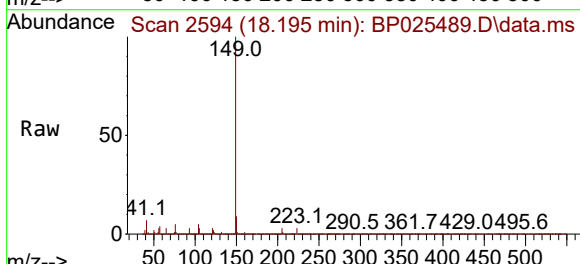
Tgt Ion:149 Resp: 2680990

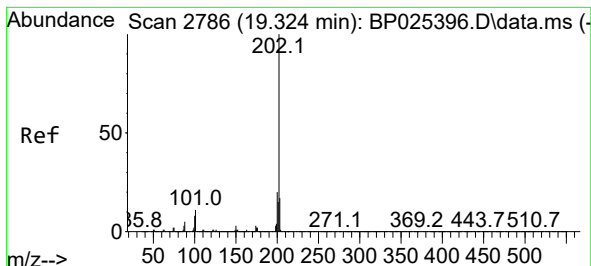
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 50.309 ng

RT: 19.307 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

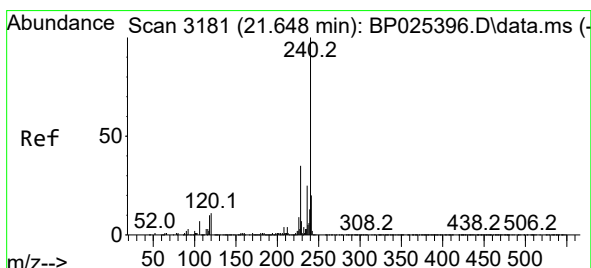
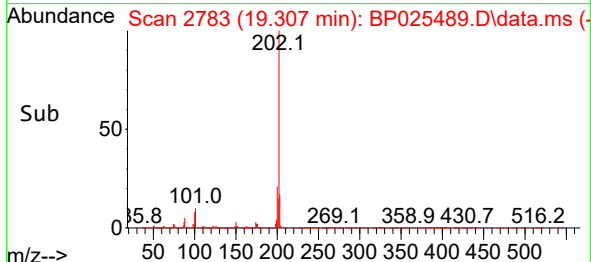
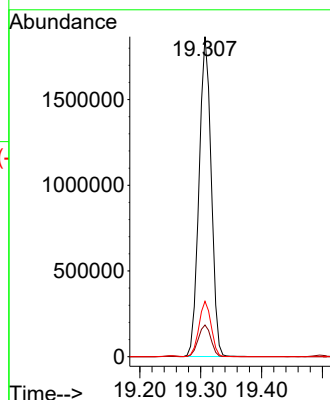
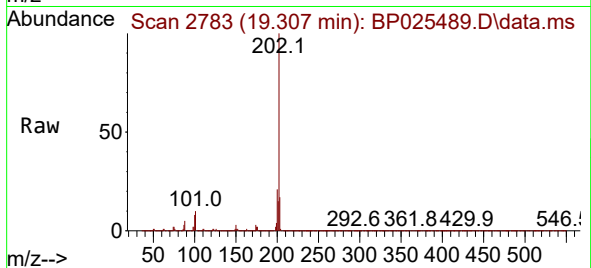
Tgt Ion:202 Resp: 2590995

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.1

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.625 min Scan# 3177

Delta R.T. -0.023 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

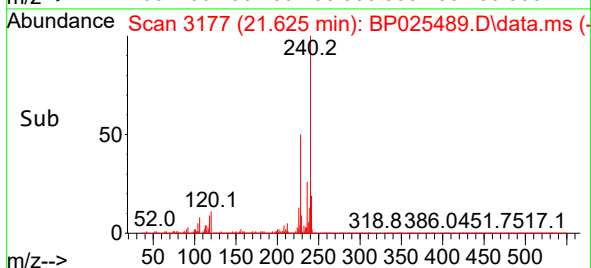
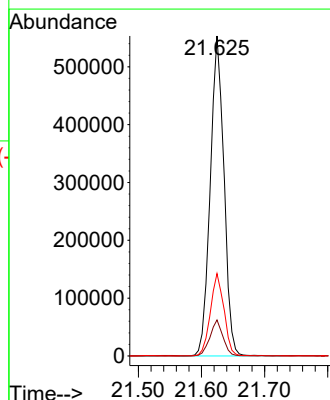
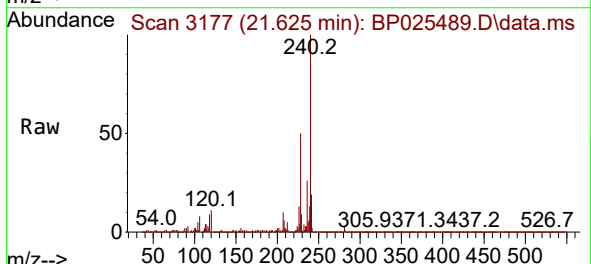
Tgt Ion:240 Resp: 837525

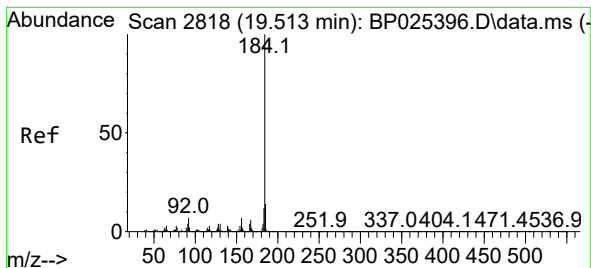
Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 25.8 19.8 29.8





#77

Benzidine

Concen: 51.674 ng

RT: 19.495 min Scan# 2815

Delta R.T. -0.017 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

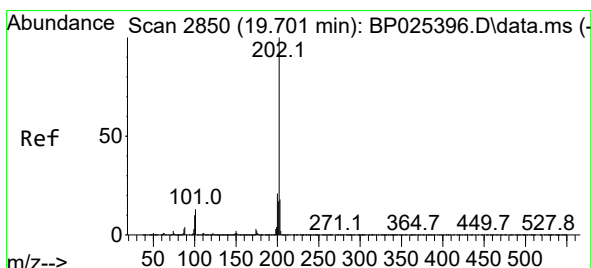
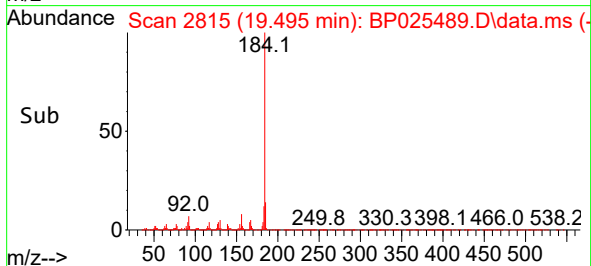
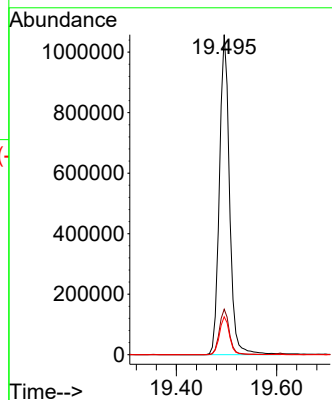
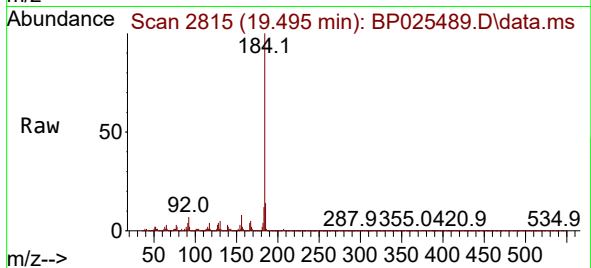
Tgt Ion:184 Resp: 1477006

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.9 9.4 14.2



#78

Pyrene

Concen: 49.460 ng

RT: 19.683 min Scan# 2847

Delta R.T. -0.017 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

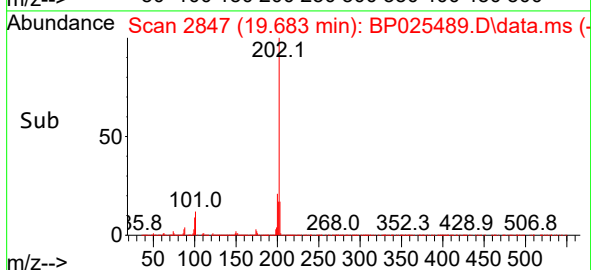
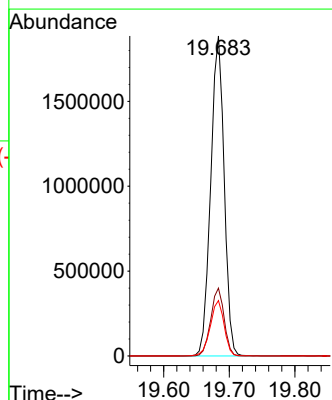
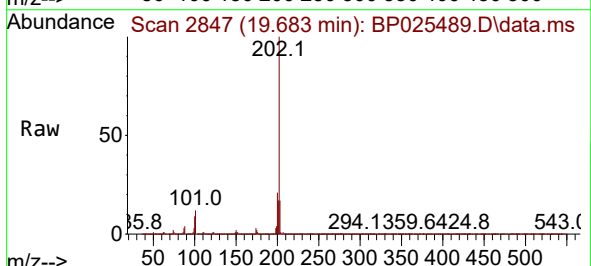
Tgt Ion:202 Resp: 2692453

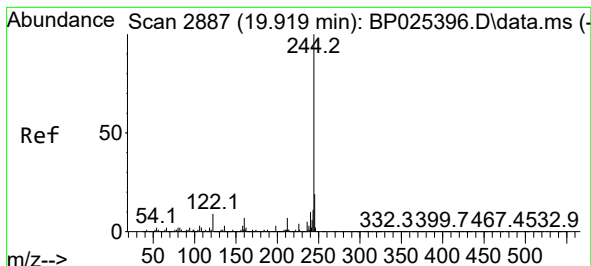
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 86.358 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

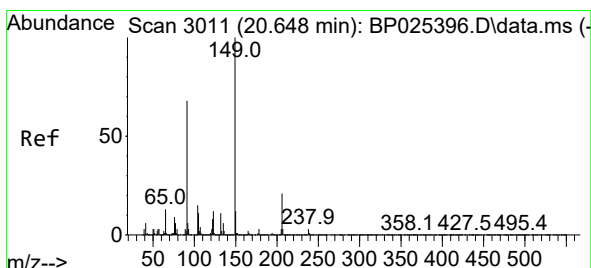
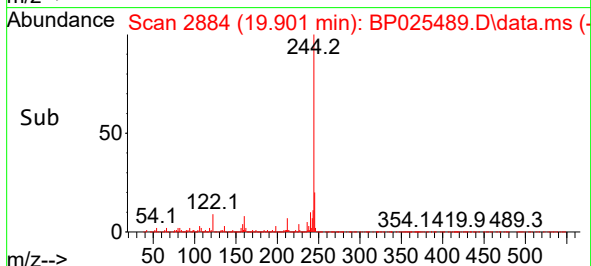
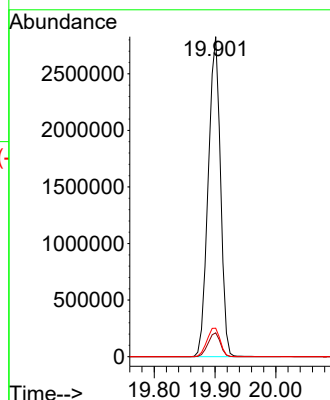
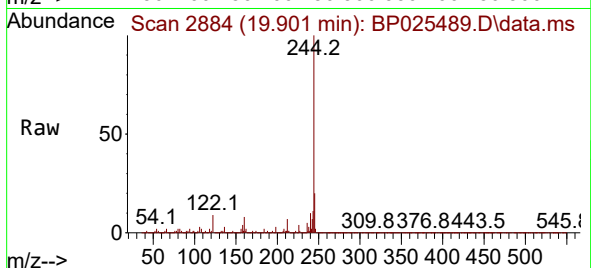
Tgt Ion:244 Resp: 3953214

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 8.9 7.4 11.2



#80

Butylbenzylphthalate

Concen: 52.116 ng

RT: 20.630 min Scan# 3008

Delta R.T. -0.017 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

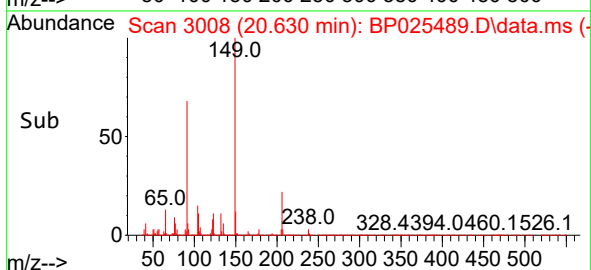
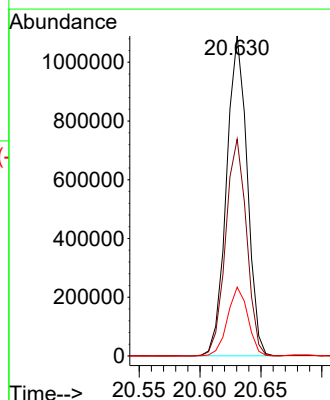
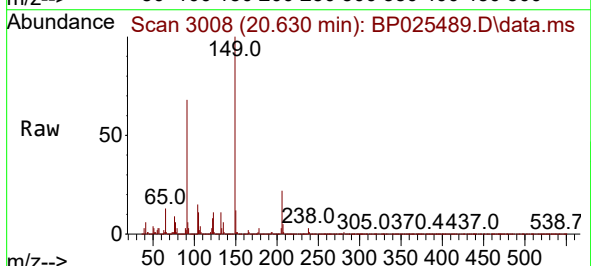
Tgt Ion:149 Resp: 1285781

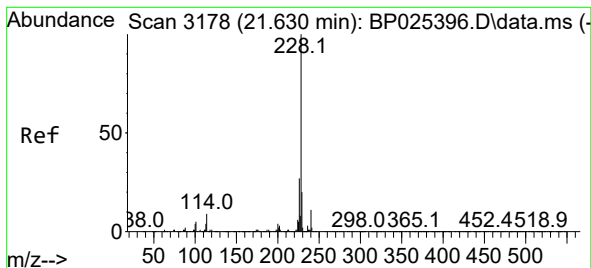
Ion Ratio Lower Upper

149 100

91 67.8 54.2 81.2

206 21.5 16.6 24.8





#81

Benzo(a)anthracene

Concen: 50.305 ng

RT: 21.607 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

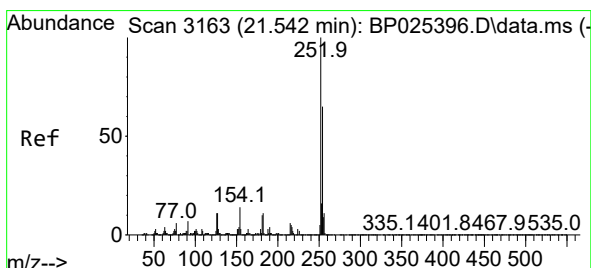
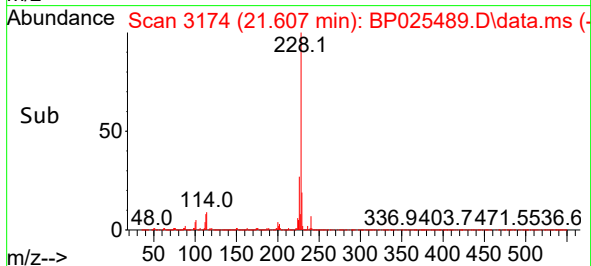
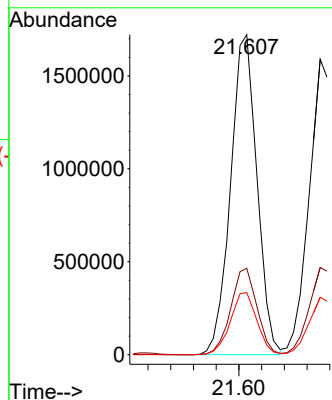
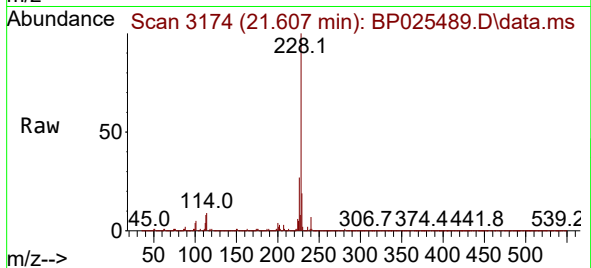
Tgt Ion:228 Resp: 2778617

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 37.395 ng

RT: 21.519 min Scan# 3159

Delta R.T. -0.023 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

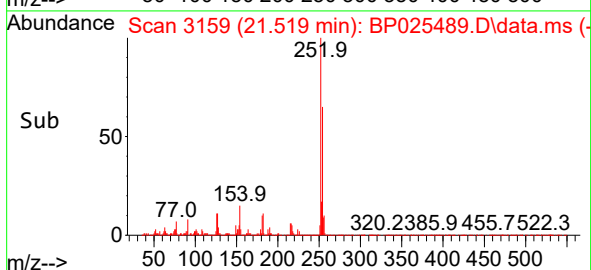
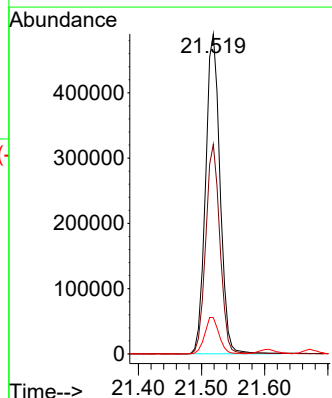
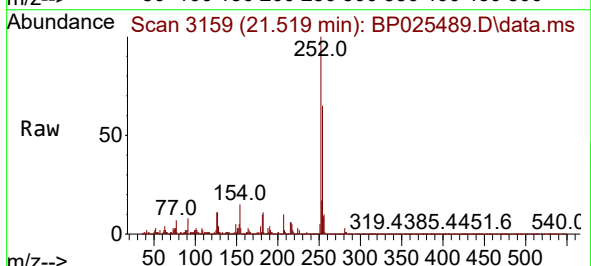
Tgt Ion:252 Resp: 778549

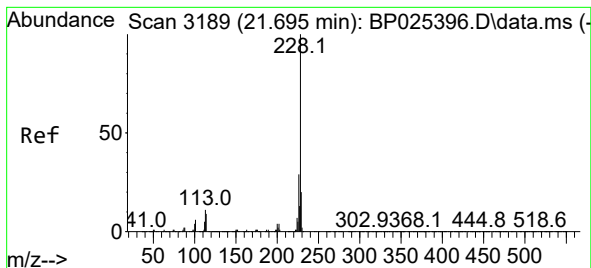
Ion Ratio Lower Upper

252 100

254 65.5 51.8 77.6

126 11.4 9.1 13.7





#83

Chrysene

Concen: 50.178 ng

RT: 21.672 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

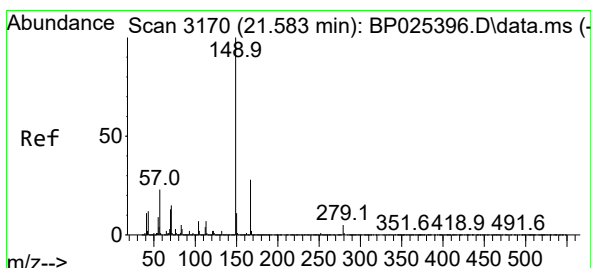
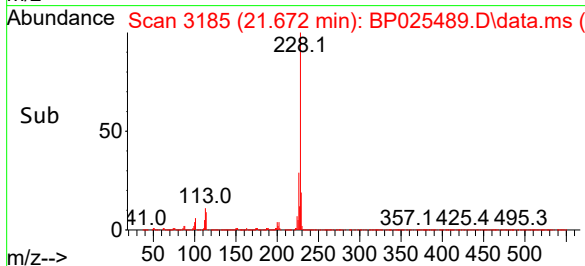
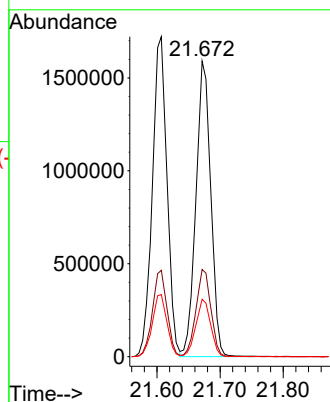
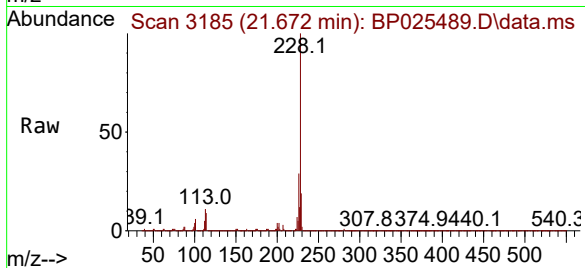
Tgt Ion:228 Resp: 2595574

Ion Ratio Lower Upper

228 100

226 29.5 23.2 34.8

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.141 ng

RT: 21.542 min Scan# 3163

Delta R.T. -0.041 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

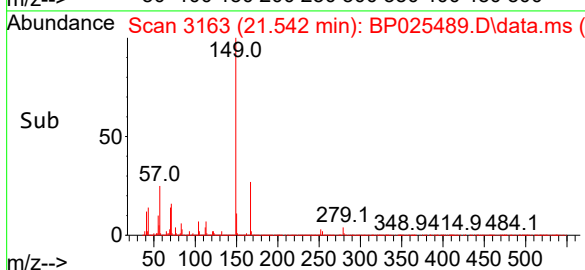
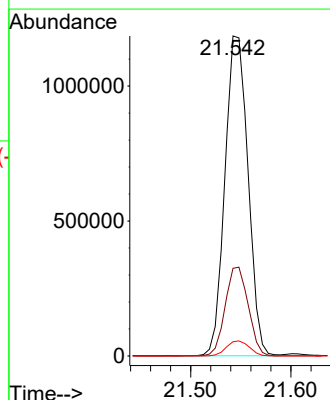
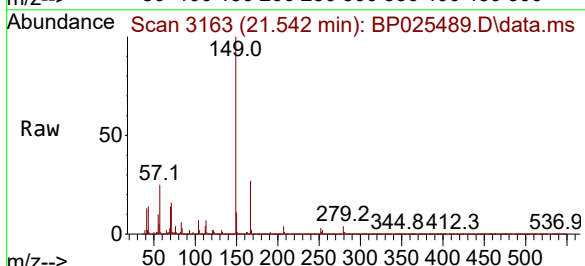
Tgt Ion:149 Resp: 1893639

Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 52.072 ng

RT: 22.842 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

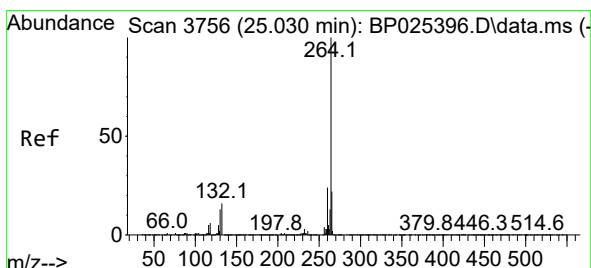
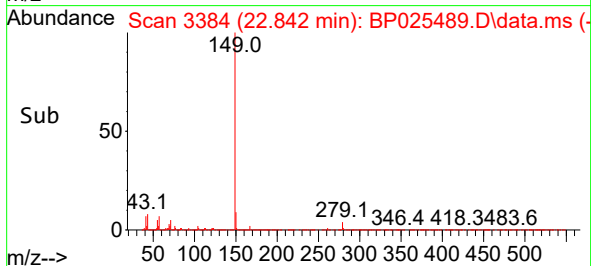
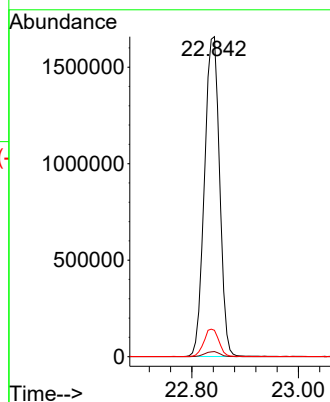
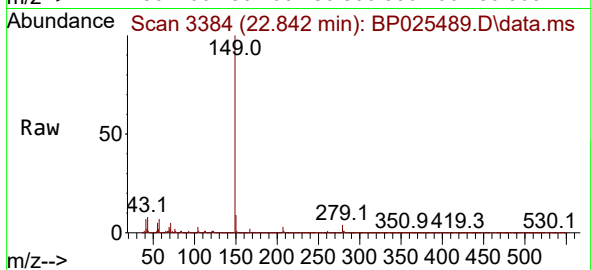
Tgt Ion:149 Resp: 3252836

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: 24.989 min Scan# 3749

Delta R.T. -0.041 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

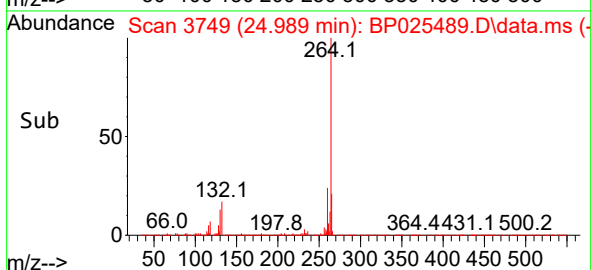
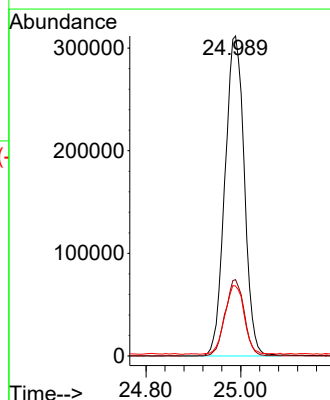
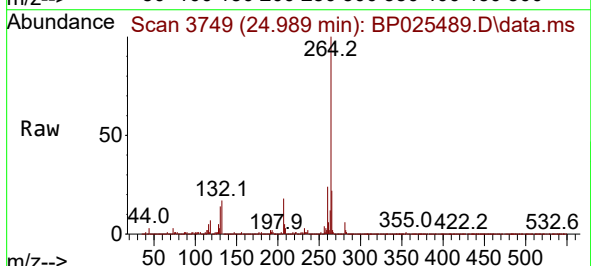
Tgt Ion:264 Resp: 883653

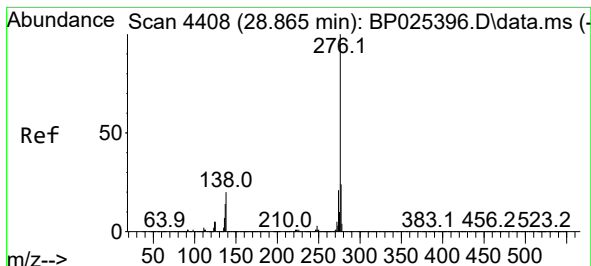
Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.139 ng

RT: 28.824 min Scan# 4408

Delta R.T. -0.041 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

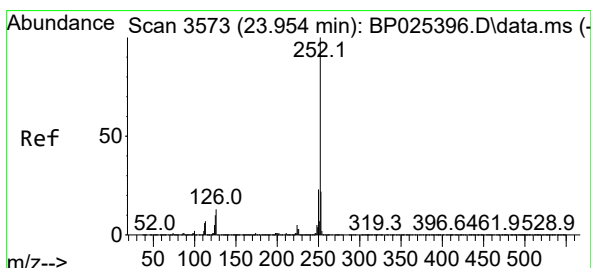
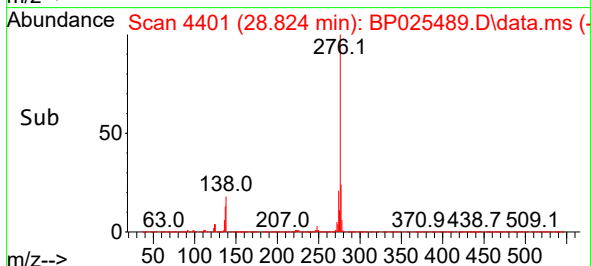
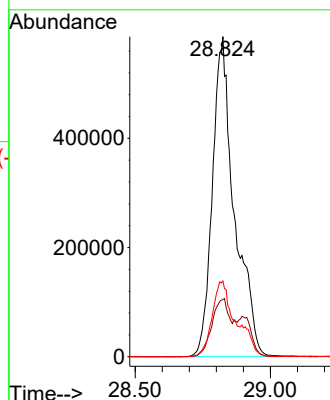
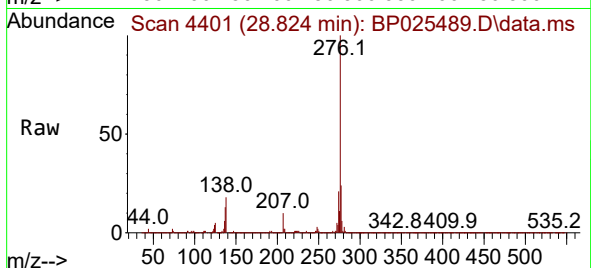
Tgt Ion:276 Resp: 3313996

Ion Ratio Lower Upper

276 100

138 14.4 12.9 19.3

277 20.5 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 53.175 ng

RT: 23.930 min Scan# 3569

Delta R.T. -0.023 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

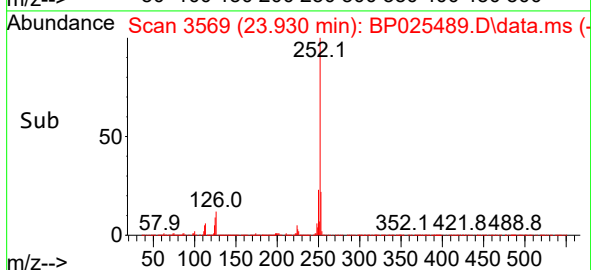
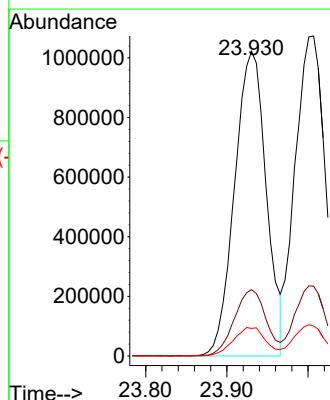
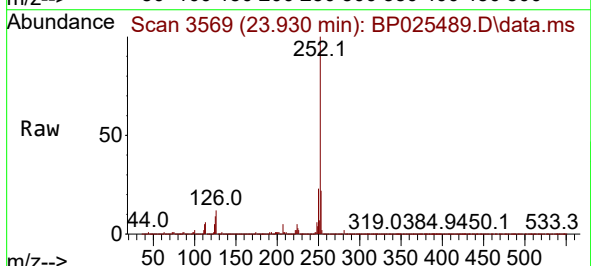
Tgt Ion:252 Resp: 2770744

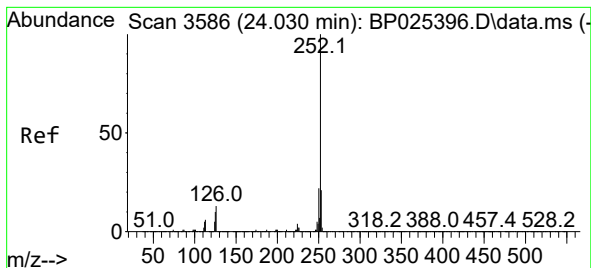
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 52.677 ng

RT: 24.007 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

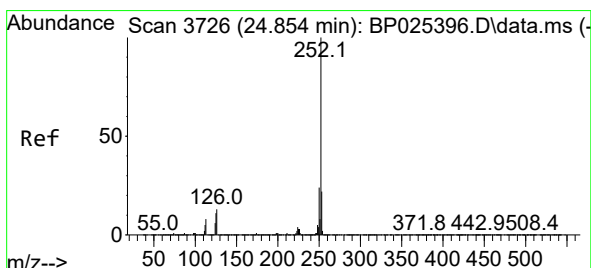
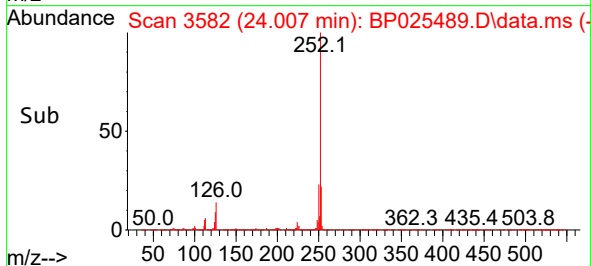
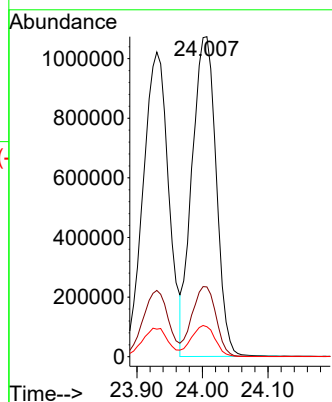
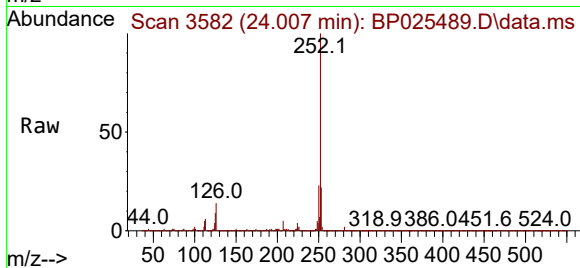
Tgt Ion:252 Resp: 2746666

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 9.4 7.8 11.6



#90

Benzo(a)pyrene

Concen: 52.123 ng

RT: 24.836 min Scan# 3723

Delta R.T. -0.017 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

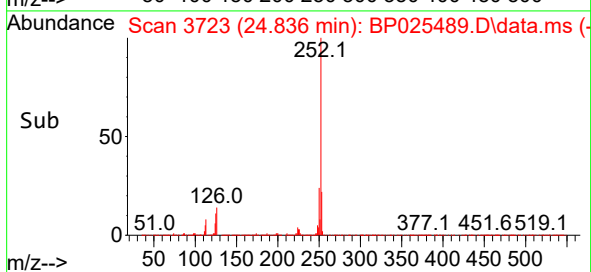
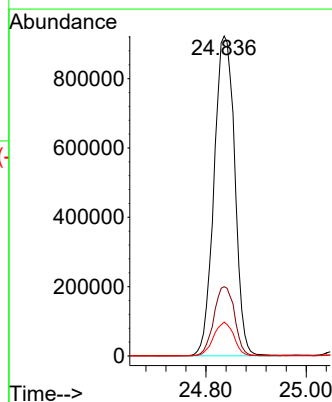
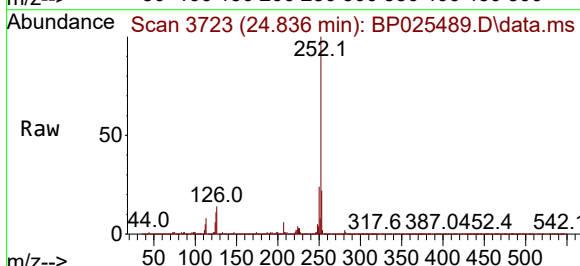
Tgt Ion:252 Resp: 2643770

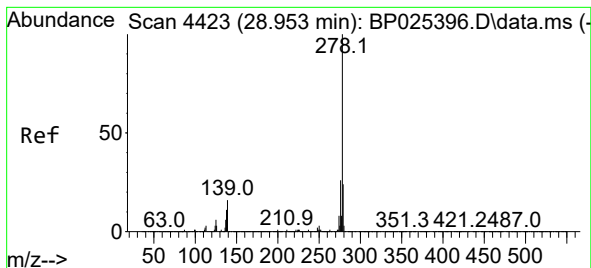
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 51.352 ng

RT: 28.907 min Scan# 4415

Delta R.T. -0.047 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Instrument :

BNA_P

ClientSampleId :

PB169242BS

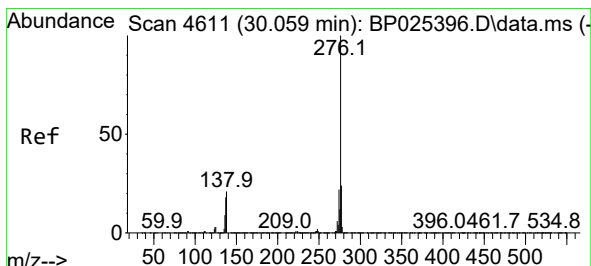
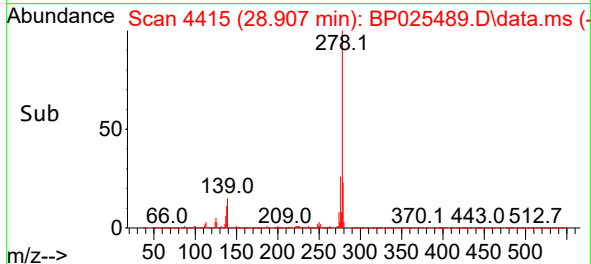
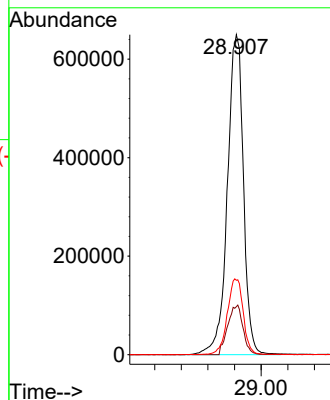
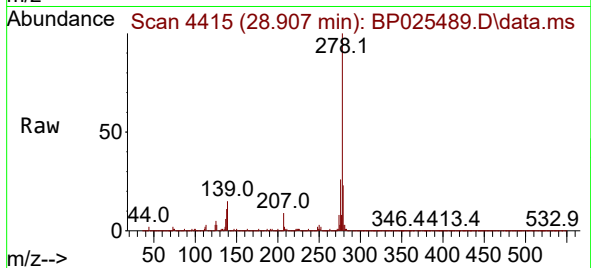
Tgt Ion:278 Resp: 2719515

Ion Ratio Lower Upper

278 100

139 15.0 13.0 19.4

279 23.2 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 51.668 ng

RT: 30.001 min Scan# 4601

Delta R.T. -0.059 min

Lab File: BP025489.D

Acq: 20 Aug 2025 01:07

Tgt Ion:276 Resp: 2689664

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 20.1 16.7 25.1

