

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025598.D
 Acq On : 27 Aug 2025 11:01
 Operator : CG/JU
 Sample : PB169370BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169370BS

Quant Time: Aug 27 11:25:21 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	7.778	152	148040	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	615021	20.000	ng	-0.01
39) Acenaphthene-d10	14.389	164	404292	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	853901	20.000	ng	-0.01
76) Chrysene-d12	21.648	240	969472	20.000	ng	0.00
86) Perylene-d12	25.018	264	1139124	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1200775	134.702	ng	0.00
7) Phenol-d6	6.966	99	1529949	133.867	ng	0.00
23) Nitrobenzene-d5	8.919	82	946996	77.890	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	760500	139.751	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	2252347	76.139	ng	-0.02
79) Terphenyl-d14	19.913	244	4059745	76.615	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	123258	35.300	ng	98
3) Pyridine	3.719	79	354119	37.053	ng	96
4) n-Nitrosodimethylamine	3.625	42	182595	46.343	ng	99
6) Aniline	7.113	93	430043	27.927	ng	99
8) 2-Chlorophenol	7.355	128	487294	48.442	ng	98
9) Benzaldehyde	6.925	77	123736	15.453	ng	96
10) Phenol	6.996	94	582746	48.593	ng	98
11) bis(2-Chloroethyl)ether	7.207	93	414503	44.345	ng	99
12) 1,3-Dichlorobenzene	7.666	146	485834	43.800	ng	98
13) 1,4-Dichlorobenzene	7.813	146	496698	43.811	ng	99
14) 1,2-Dichlorobenzene	8.125	146	481693	43.891	ng	98
15) Benzyl Alcohol	8.013	79	415831	45.791	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.296	45	567047	45.286	ng	98
17) 2-Methylphenol	8.219	107	402255	48.295	ng	99
18) Hexachloroethane	8.843	117	180289	43.250	ng	99
19) n-Nitroso-di-n-propyla...	8.572	70	329611	43.540	ng	97
20) 3+4-Methylphenols	8.543	107	540152	46.785	ng	99
22) Acetophenone	8.590	105	688325	44.628	ng	# 98
24) Nitrobenzene	8.960	77	495396	45.592	ng	99
25) Isophorone	9.484	82	933372	43.379	ng	99
26) 2-Nitrophenol	9.660	139	260567	46.727	ng	96
27) 2,4-Dimethylphenol	9.731	122	453181	47.256	ng	97
28) bis(2-Chloroethoxy)met...	9.960	93	571226	43.919	ng	98
29) 2,4-Dichlorophenol	10.207	162	452353	47.484	ng	98
30) 1,2,4-Trichlorobenzene	10.407	180	454350	43.508	ng	99
31) Naphthalene	10.596	128	1403986	43.921	ng	99
32) Benzoic acid	9.890	122	337738	47.704	ng	97
33) 4-Chloroaniline	10.701	127	232182	16.443	ng	99
34) Hexachlorobutadiene	10.884	225	279348	42.953	ng	98
35) Caprolactam	11.496	113	169799	48.609	ng	98
36) 4-Chloro-3-methylphenol	11.843	107	524556	47.987	ng	99
37) 2-Methylnaphthalene	12.201	142	913846	43.929	ng	100
38) 1-Methylnaphthalene	12.419	142	964156	43.582	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	526139	45.060	ng	99
41) Hexachlorocyclopentadiene	12.554	237	516663	73.254	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	382444	48.516	ng	99

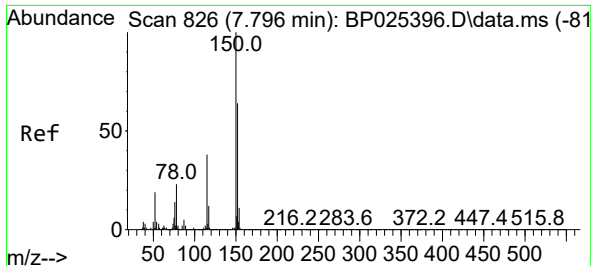
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	415430	48.086	ng	98
46) 1,1'-Biphenyl	13.213	154	1324535	45.110	ng	99
47) 2-Chloronaphthalene	13.260	162	1008960	44.140	ng	100
48) 2-Nitroaniline	13.460	65	340067	51.059	ng	97
49) Acenaphthylene	14.113	152	1757916	46.477	ng	99
50) Dimethylphthalate	13.842	163	1389966	46.949	ng	99
51) 2,6-Dinitrotoluene	13.960	165	310968	49.834	ng	98
52) Acenaphthene	14.454	154	994508	44.794	ng	99
53) 3-Nitroaniline	14.295	138	208610	29.714	ng	94
54) 2,4-Dinitrophenol	14.513	184	371494	111.480	ng	98
55) Dibenzofuran	14.795	168	1598571	45.542	ng	100
56) 4-Nitrophenol	14.637	139	558851	96.869	ng	99
57) 2,4-Dinitrotoluene	14.760	165	452100	50.781	ng	98
58) Fluorene	15.454	166	1296385	46.806	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.031	232	376756	49.388	ng	99
60) Diethylphthalate	15.225	149	1443571	47.987	ng	99
61) 4-Chlorophenyl-phenylether	15.448	204	634515	46.063	ng	99
62) 4-Nitroaniline	15.478	138	354037	49.190	ng	99
63) Azobenzene	15.742	77	1266252	49.158	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	265528	49.885	ng	98
66) n-Nitrosodiphenylamine	15.660	169	1193960	45.853	ng	100
67) 4-Bromophenyl-phenylether	16.360	248	422284	44.965	ng	99
68) Hexachlorobenzene	16.483	284	495747	45.538	ng	97
69) Atrazine	16.642	200	447985	45.940	ng	98
70) Pentachlorophenol	16.842	266	657272	95.643	ng	97
71) Phenanthrene	17.236	178	2100644	44.783	ng	99
72) Anthracene	17.325	178	2179229	45.493	ng	100
73) Carbazole	17.613	167	2113591	46.844	ng	99
74) Di-n-butylphthalate	18.201	149	2663481	47.980	ng	100
75) Fluoranthene	19.325	202	2659369	47.529	ng	99
77) Benzidine	19.513	184	999000	30.194	ng	99
78) Pyrene	19.701	202	2752492	43.681	ng	100
80) Butylbenzylphthalate	20.648	149	1349125	47.241	ng	100
81) Benzo(a)anthracene	21.624	228	3009321	47.067	ng	99
82) 3,3'-Dichlorobenzidine	21.542	252	772708	32.063	ng	99
83) Chrysene	21.689	228	2789151	46.581	ng	99
84) Bis(2-ethylhexyl)phtha...	21.560	149	2017022	47.980	ng	99
85) Di-n-octyl phthalate	22.848	149	3689681	51.027	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	3892421	46.594	ng	# 79
88) Benzo(b)fluoranthene	23.954	252	3178801	47.324	ng	99
89) Benzo(k)fluoranthene	24.030	252	3155896	46.951	ng	99
90) Benzo(a)pyrene	24.860	252	3049595	46.640	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	3208547	46.999	ng	97
92) Benzo(g,h,i)perylene	30.065	276	3152886	46.983	ng	98

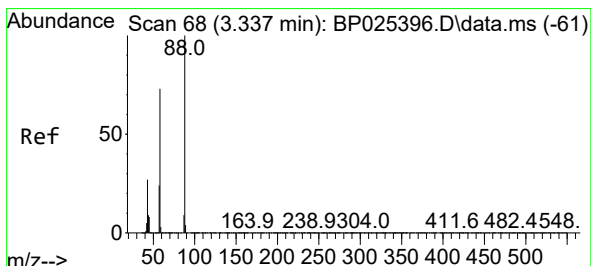
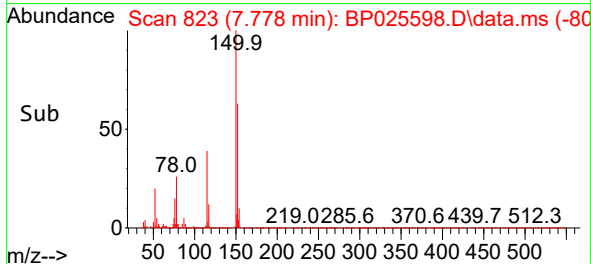
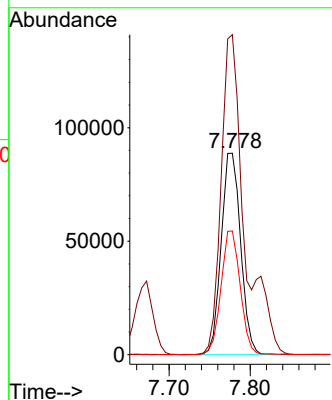
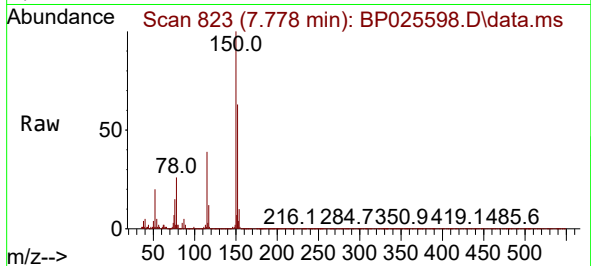
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.778 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP025598.D
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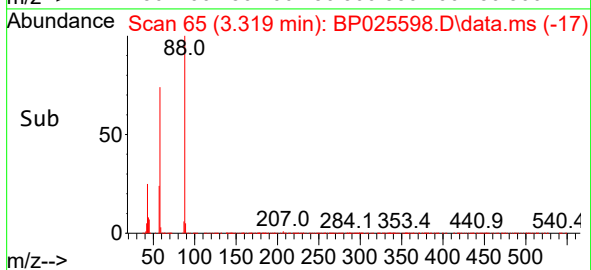
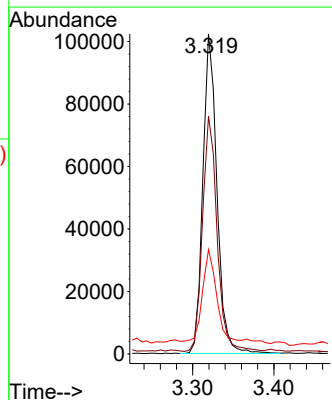
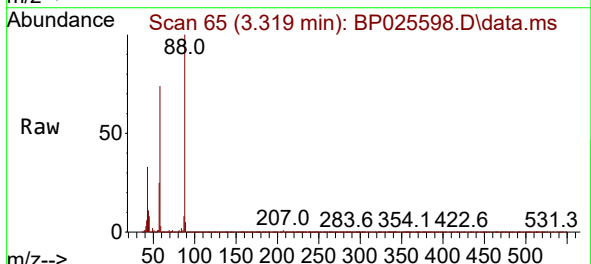
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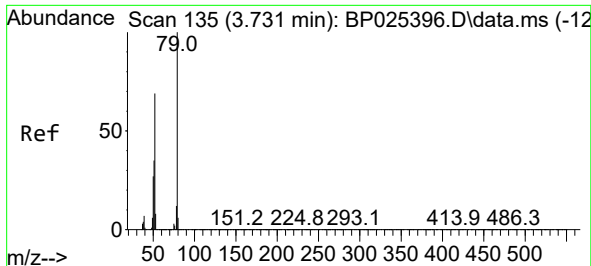
Tgt Ion:152 Resp: 148040
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.9 188.9
 115 61.4 48.5 72.7



#2
 1,4-Dioxane
 Concen: 35.300 ng
 RT: 3.319 min Scan# 65
 Delta R.T. -0.018 min
 Lab File: BP025598.D
 Acq: 27 Aug 2025 11:01

Tgt Ion: 88 Resp: 123258
 Ion Ratio Lower Upper
 88 100
 58 76.2 59.2 88.8
 43 27.4 21.7 32.5

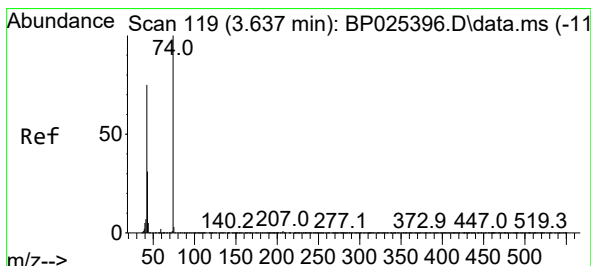
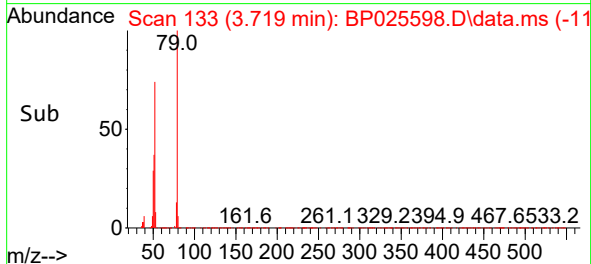
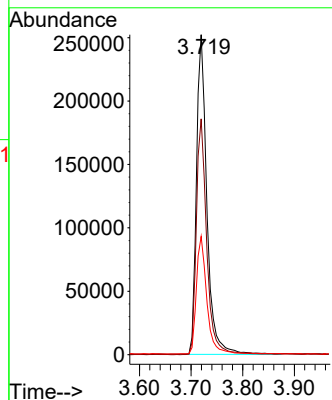
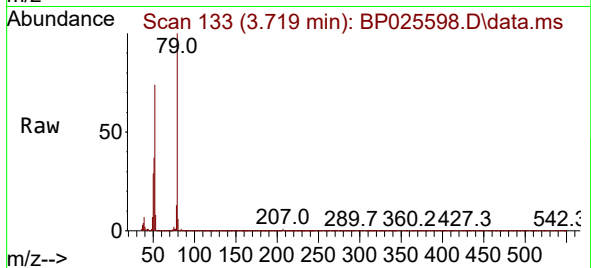




#3
Pyridine
Concen: 37.053 ng
RT: 3.719 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

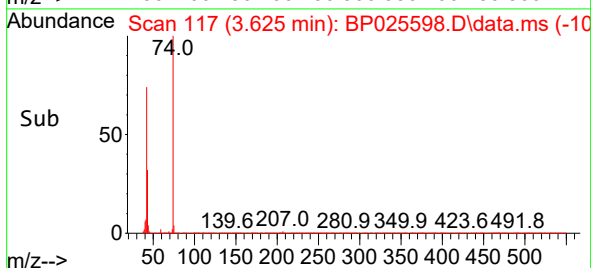
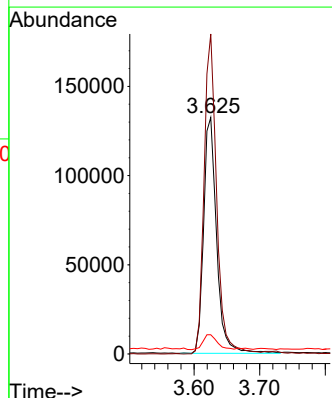
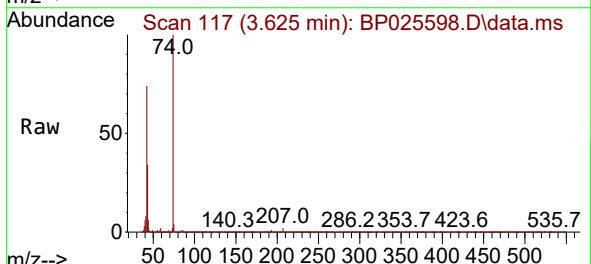
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ClientSampleId :
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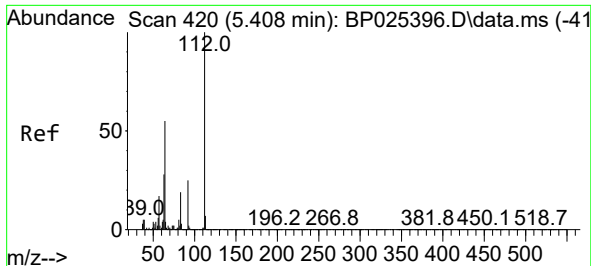
Tgt Ion: 79 Resp: 354119
Ion Ratio Lower Upper
79 100
52 73.7 55.5 83.3
51 37.0 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 46.343 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 42 Resp: 182595
Ion Ratio Lower Upper
42 100
74 135.3 107.0 160.4
44 8.1 6.2 9.4

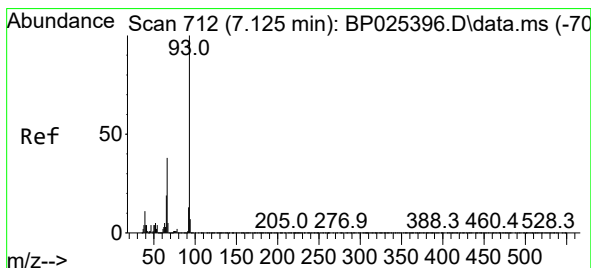
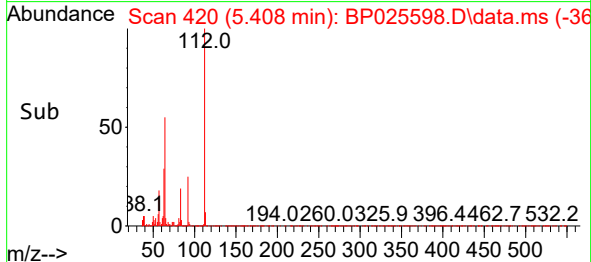
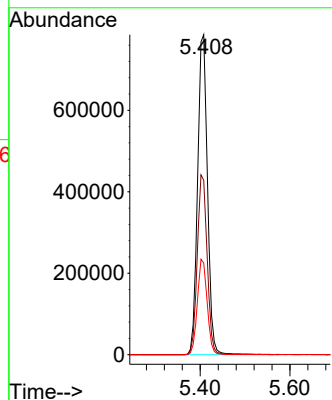
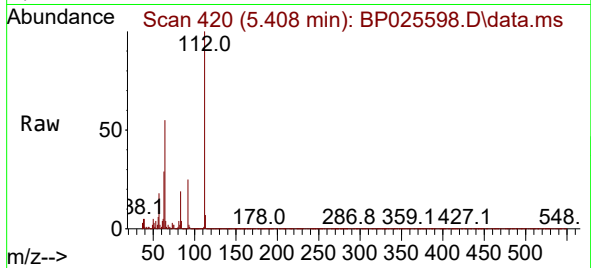




#5
2-Fluorophenol
Concen: 134.702 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

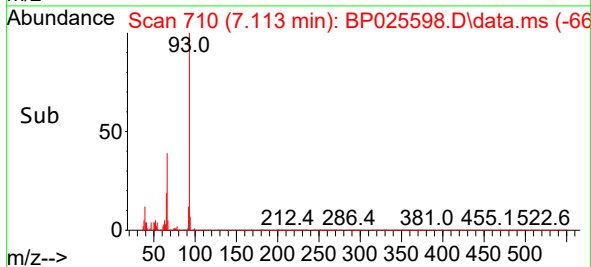
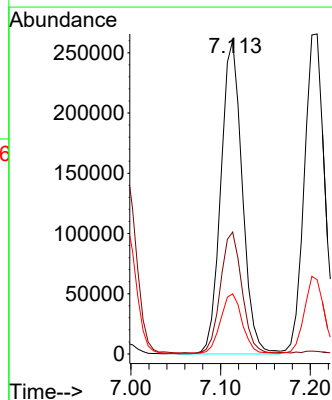
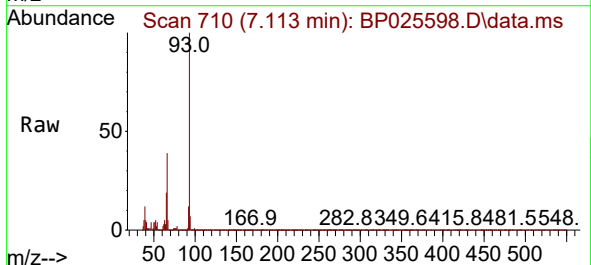
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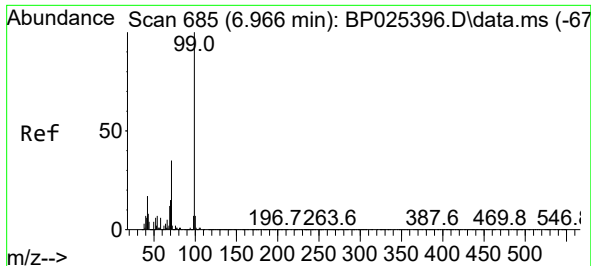
Tgt Ion:112 Resp: 1200775
Ion Ratio Lower Upper
112 100
64 54.5 43.8 65.8
63 28.7 22.7 34.1



#6
Aniline
Concen: 27.927 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 93 Resp: 430043
Ion Ratio Lower Upper
93 100
66 38.9 30.4 45.6
65 19.2 15.3 22.9

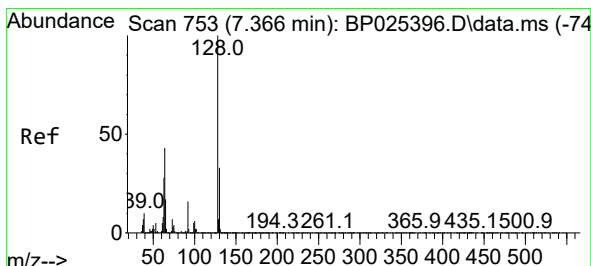
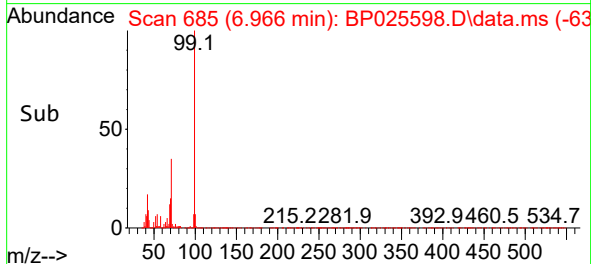
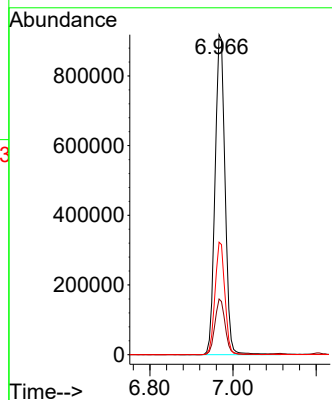
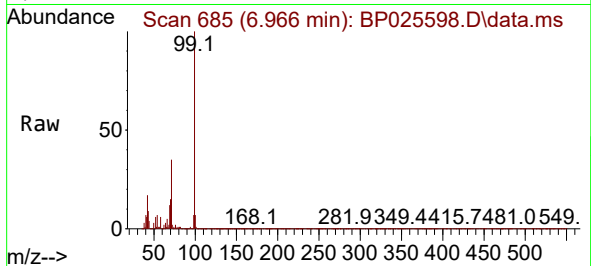




#7
Phenol-d6
Concen: 133.867 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

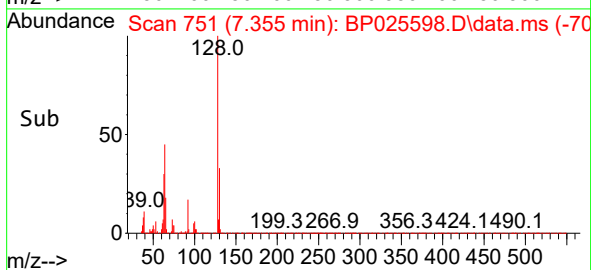
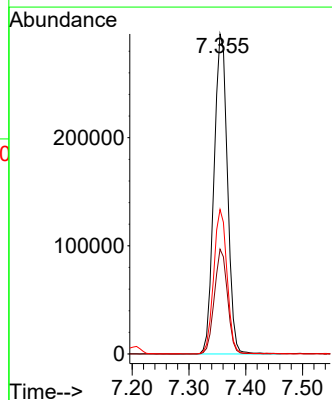
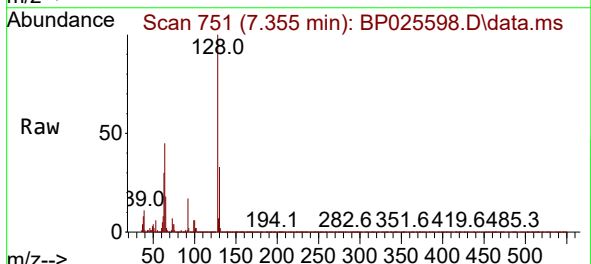
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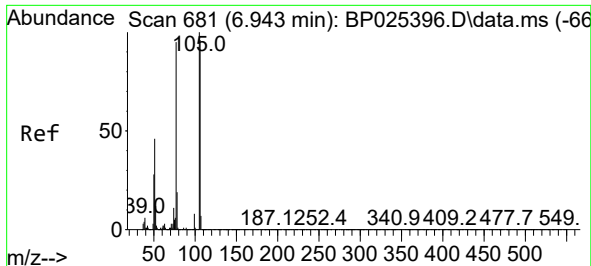
Tgt Ion: 99 Resp: 1529949
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 35.1 28.2 42.4



#8
2-Chlorophenol
Concen: 48.442 ng
RT: 7.355 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:128 Resp: 487294
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 45.2 23.4 63.4

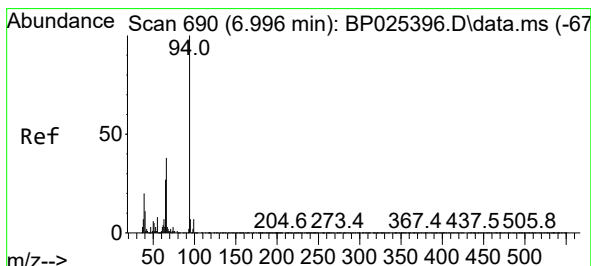
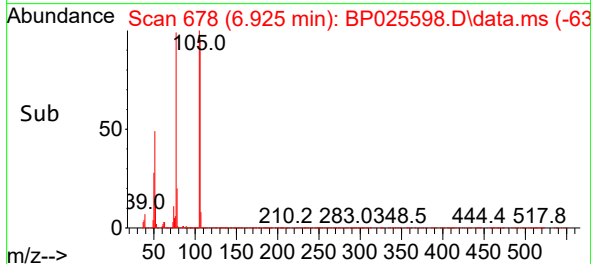
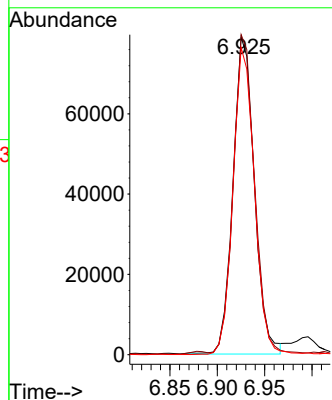
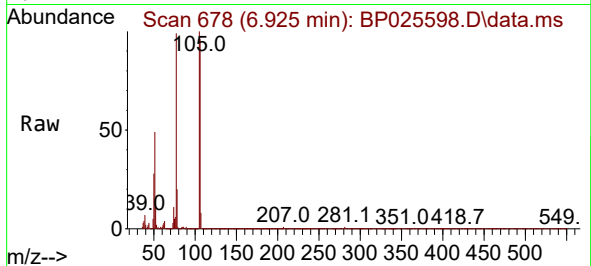




#9
Benzaldehyde
Concen: 15.453 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

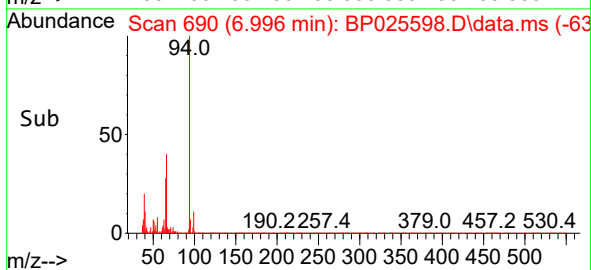
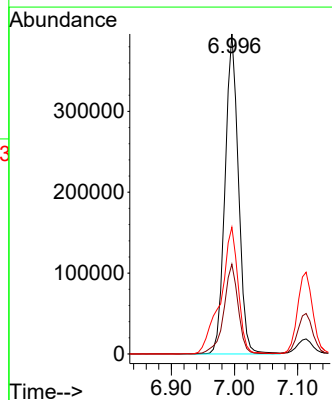
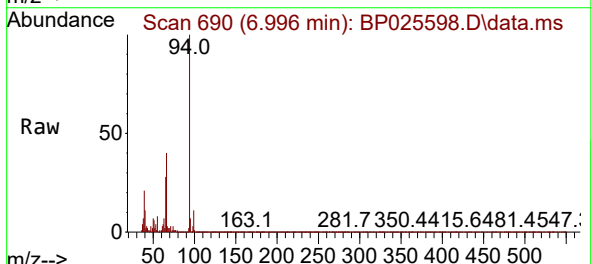
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PB169370BS

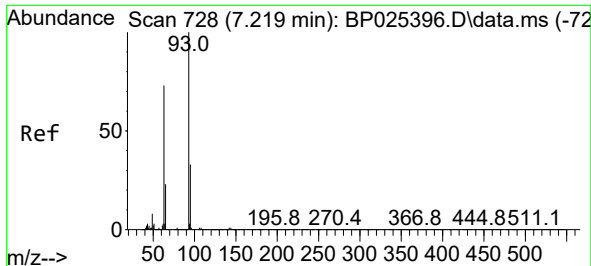
Tgt Ion: 77 Resp: 123736
Ion Ratio Lower Upper
77 100
105 100.8 84.8 124.8
106 96.8 80.5 120.5



#10
Phenol
Concen: 48.593 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 94 Resp: 582746
Ion Ratio Lower Upper
94 100
65 28.1 6.8 46.8
66 39.6 18.2 58.2

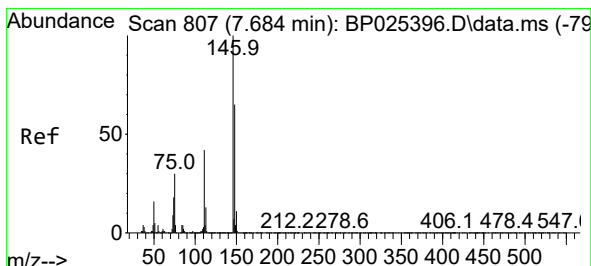
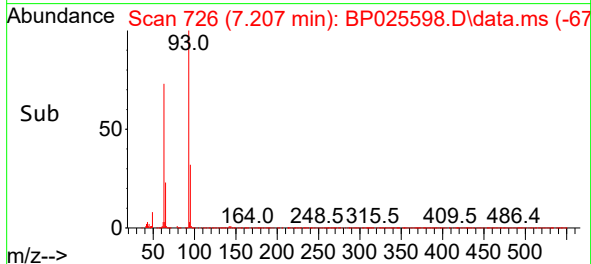
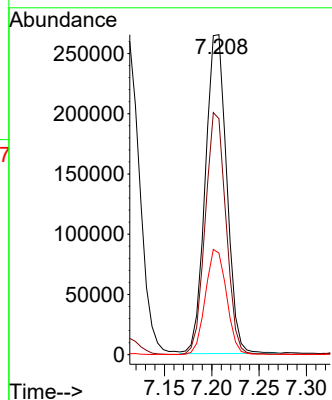
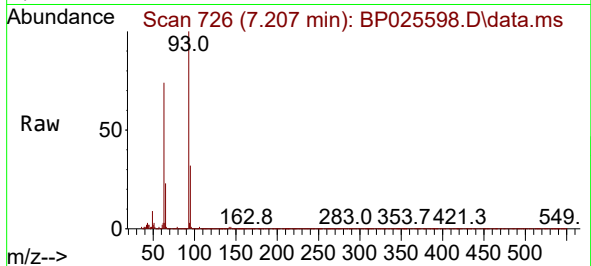




#11
bis(2-Chloroethyl)ether
Concen: 44.345 ng
RT: 7.207 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

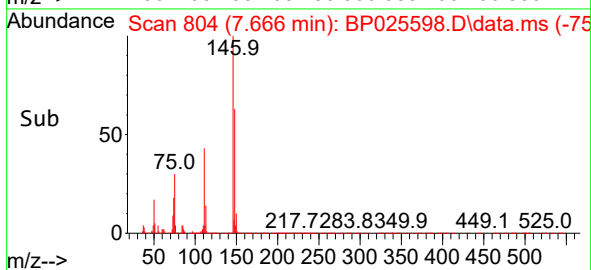
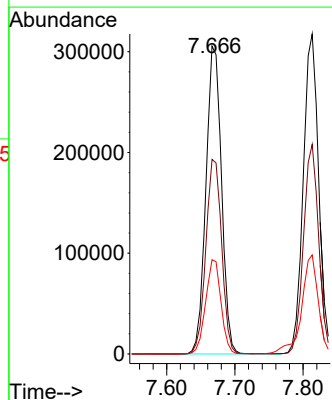
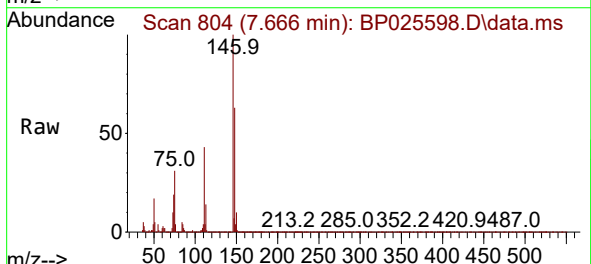
Instrument :
BNA_P
ClientSampleId :
PB169370BS

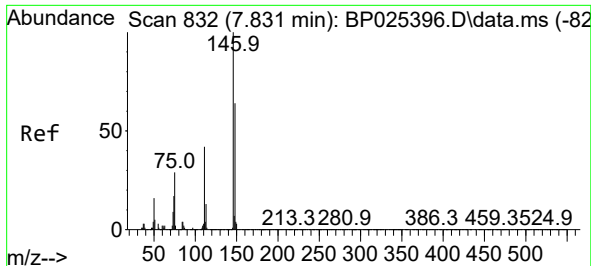
Tgt Ion: 93 Resp: 414503
Ion Ratio Lower Upper
93 100
63 73.7 52.6 92.6
95 31.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.800 ng
RT: 7.666 min Scan# 804
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 146 Resp: 485834
Ion Ratio Lower Upper
146 100
148 63.2 51.9 77.9
75 30.6 23.7 35.5

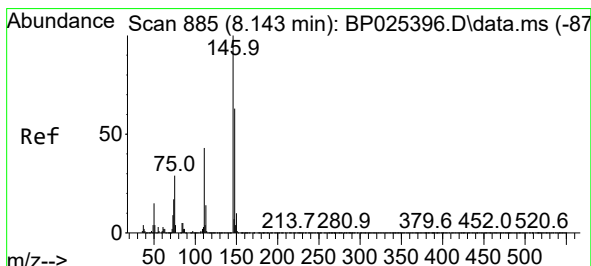
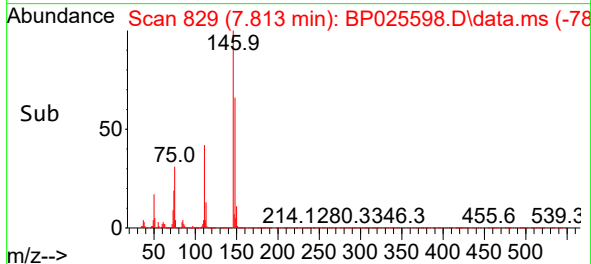
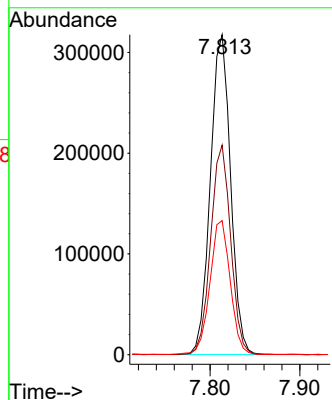
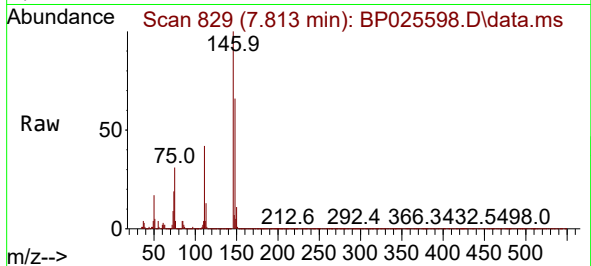




#13
1,4-Dichlorobenzene
Concen: 43.811 ng
RT: 7.813 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

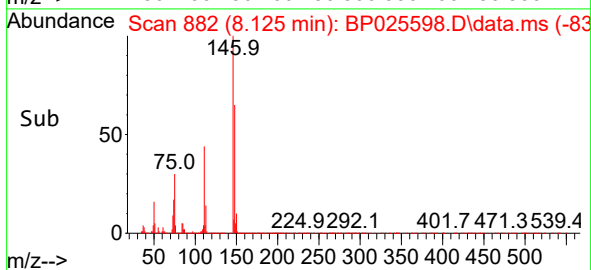
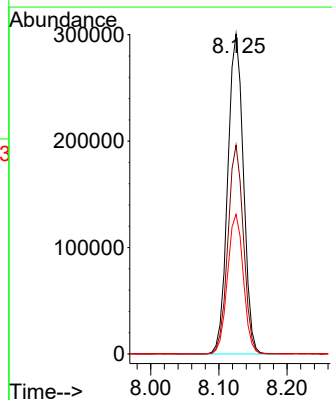
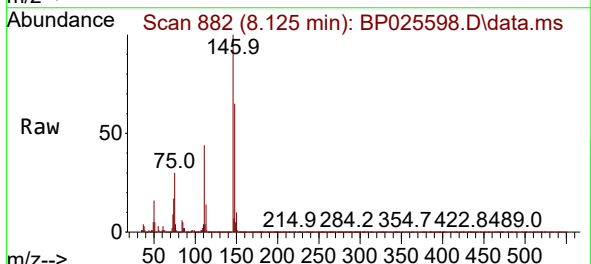
Instrument :
BNA_P
ClientSampleId :
PB169370BS

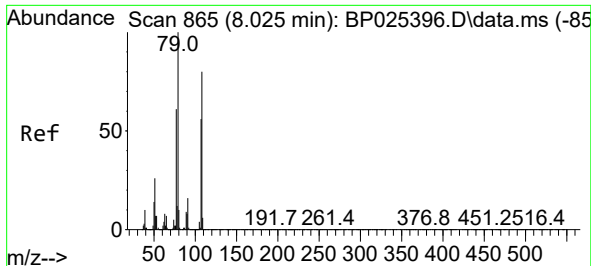
Tgt Ion:146 Resp: 496698
Ion Ratio Lower Upper
146 100
148 65.5 51.6 77.4
111 41.9 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 43.891 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:146 Resp: 481693
Ion Ratio Lower Upper
146 100
148 65.3 50.4 75.6
111 43.6 34.5 51.7

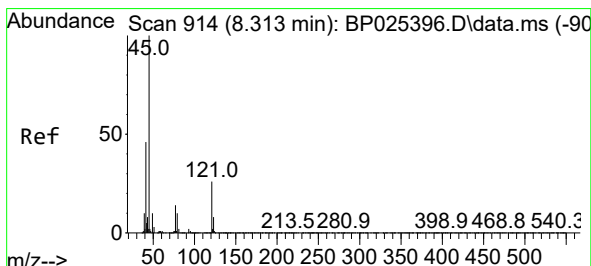
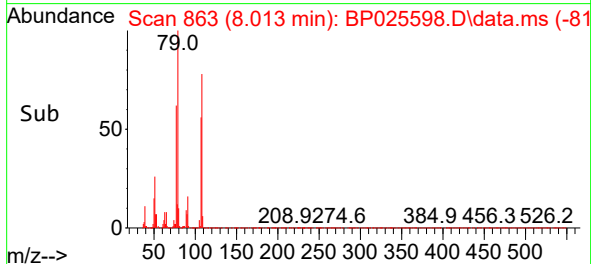
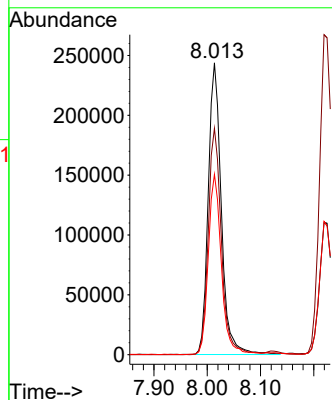
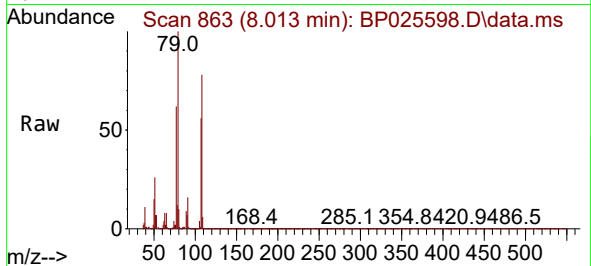




#15
Benzyl Alcohol
Concen: 45.791 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

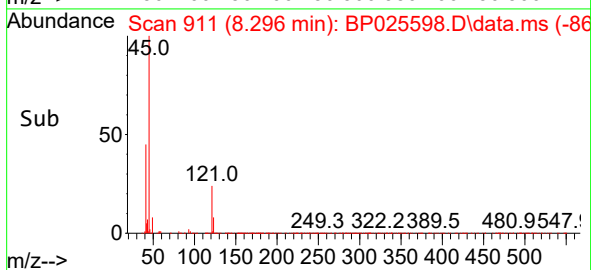
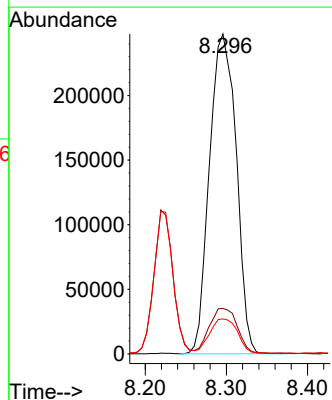
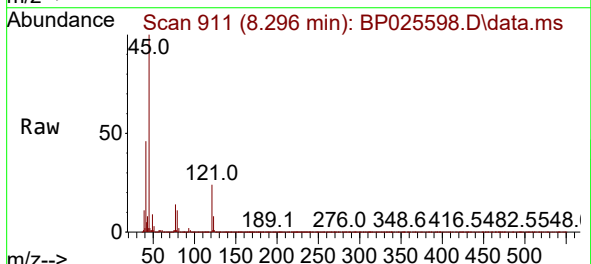
Instrument :
BNA_P
ClientSampleId :
PB169370BS

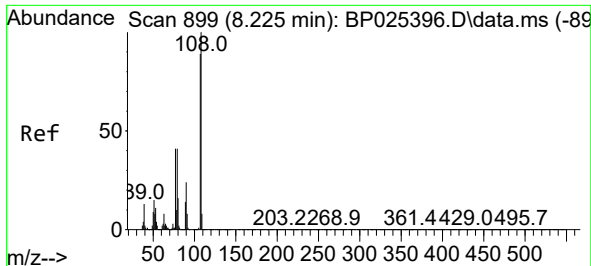
Tgt Ion: 79 Resp: 415831
Ion Ratio Lower Upper
79 100
108 77.5 63.8 95.6
77 61.8 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.286 ng
RT: 8.296 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 45 Resp: 567047
Ion Ratio Lower Upper
45 100
77 14.2 0.0 35.3
79 11.0 0.0 31.8

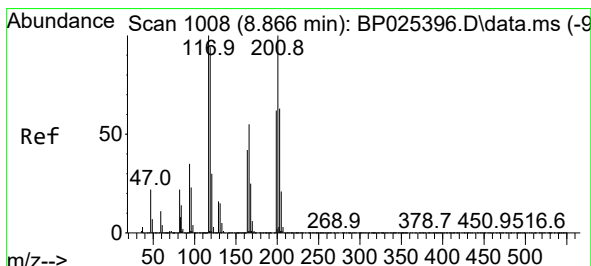
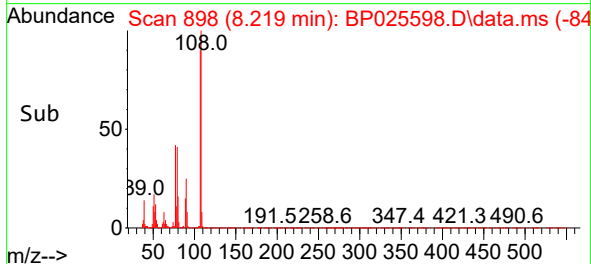
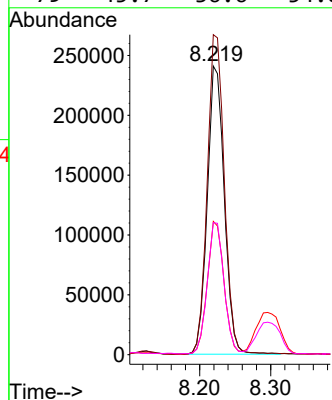
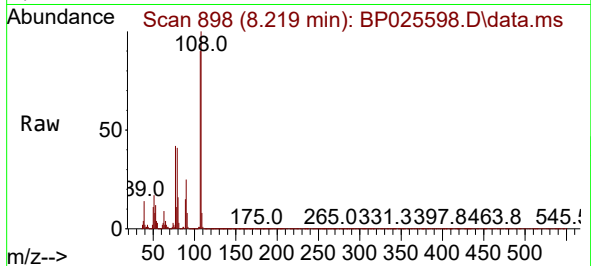




#17
2-Methylphenol
Concen: 48.295 ng
RT: 8.219 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

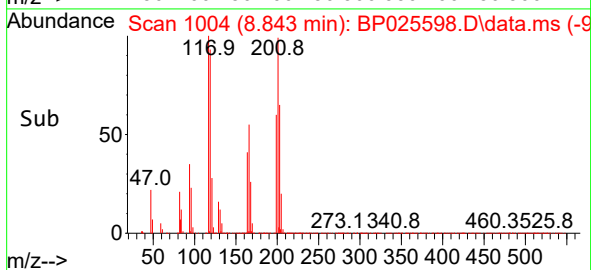
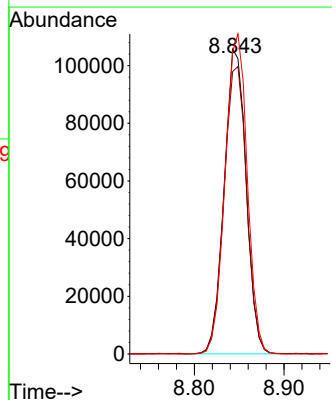
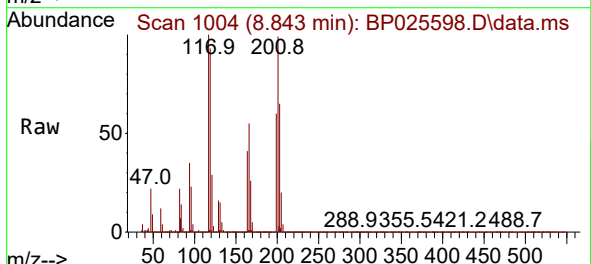
Instrument :
BNA_P
ClientSampleId :
PB169370BS

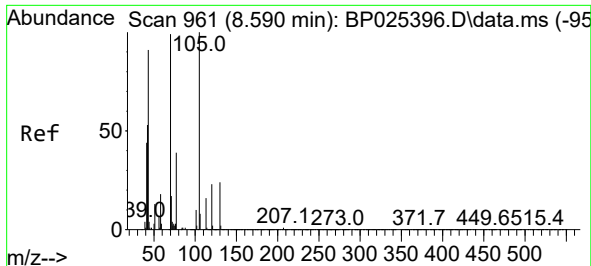
Tgt Ion:	107	Resp:	402255
Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.4	134.0
77	46.2	36.3	54.5
79	45.7	36.6	54.8



#18
Hexachloroethane
Concen: 43.250 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.023 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:	117	Resp:	180289
Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.1	112.7
201	99.1	80.1	120.1





#19

n-Nitroso-di-n-propylamine

Concen: 43.540 ng

RT: 8.572 min Scan# 91

Delta R.T. -0.018 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

Tgt Ion: 70 Resp: 329611

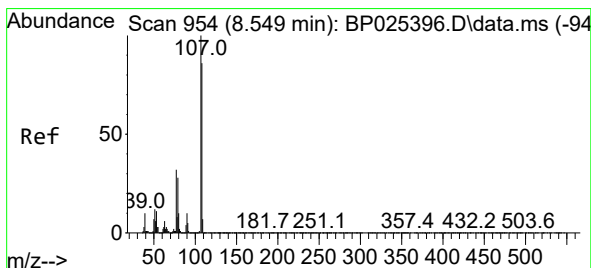
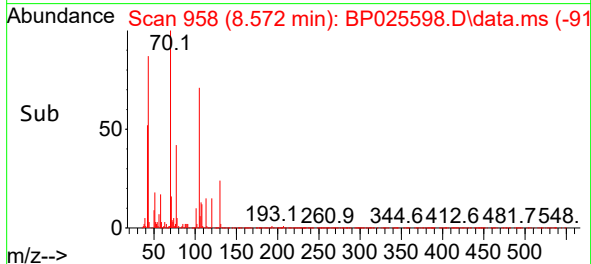
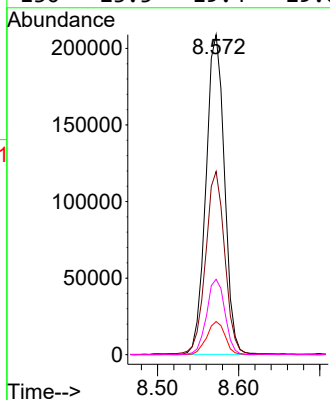
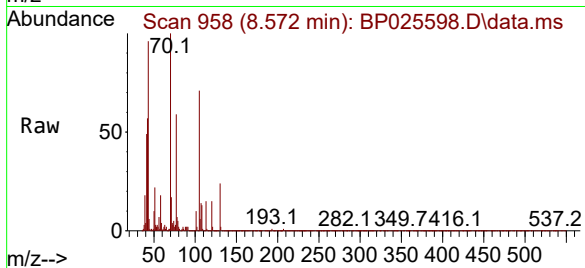
Ion Ratio Lower Upper

70 100

42 57.3 43.8 65.6

101 10.4 8.5 12.7

130 23.5 19.4 29.0



#20

3+4-Methylphenols

Concen: 46.785 ng

RT: 8.543 min Scan# 953

Delta R.T. -0.006 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Tgt Ion: 107 Resp: 540152

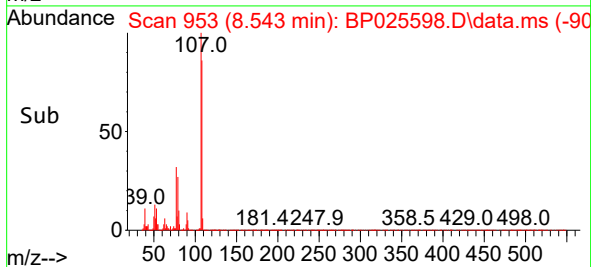
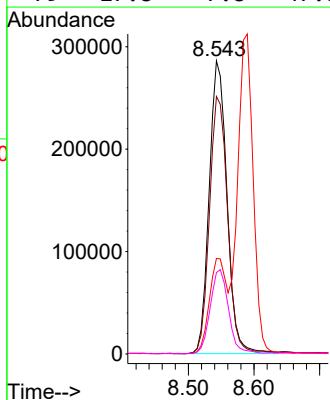
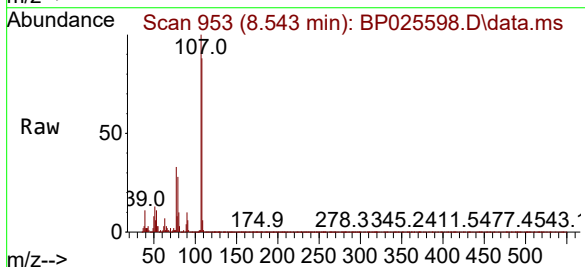
Ion Ratio Lower Upper

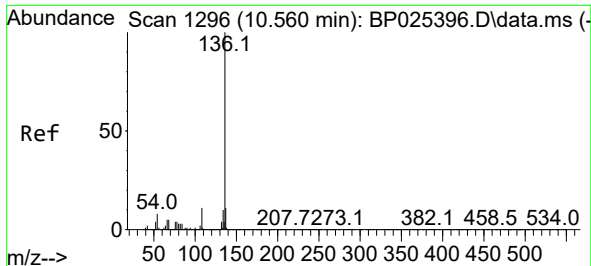
107 100

108 87.8 66.3 106.3

77 32.6 12.3 52.3

79 27.8 7.8 47.8

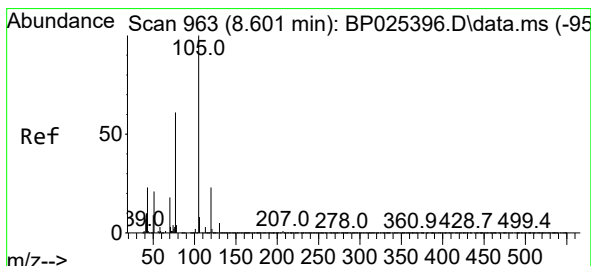
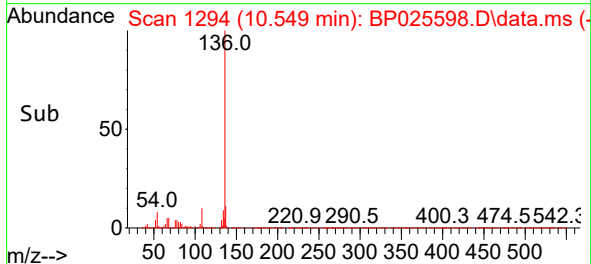
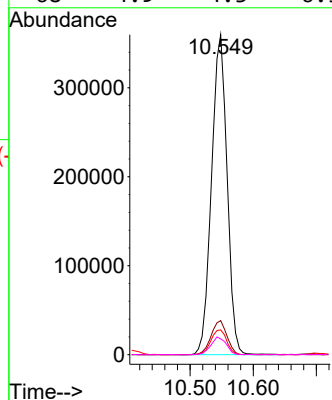
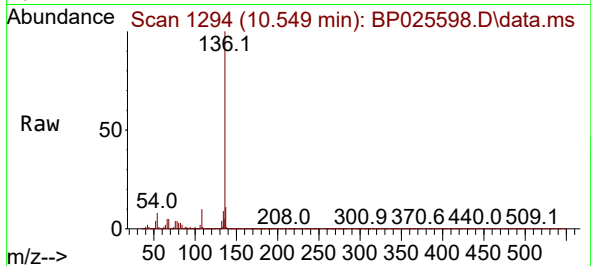




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

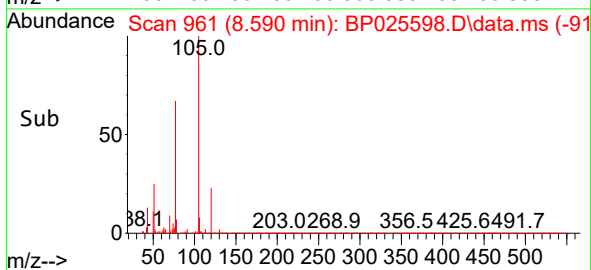
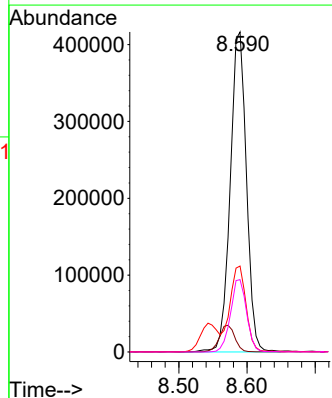
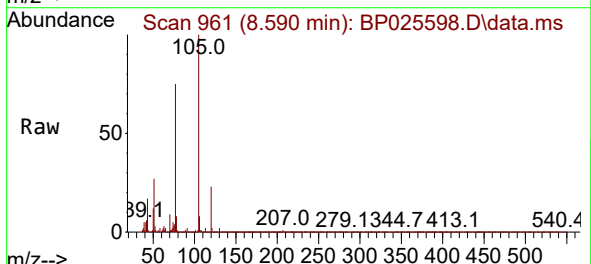
Instrument :
BNA_P
ClientSampleId :
PB169370BS

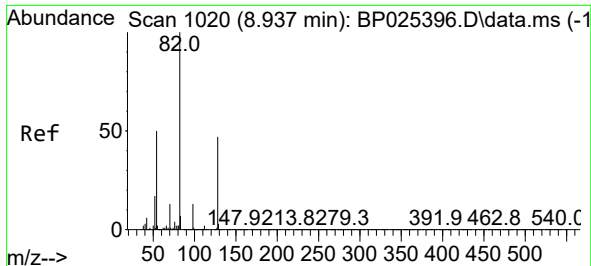
Tgt Ion:	136	Resp:	615021
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.2	13.8
54	7.7	6.0	9.0
68	4.9	4.3	6.5



#22
Acetophenone
Concen: 44.628 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:	105	Resp:	688325
Ion Ratio	Lower	Upper	
105	100		
71	1.4	2.6	4.0#
51	26.8	20.6	30.8
120	22.6	18.6	27.8

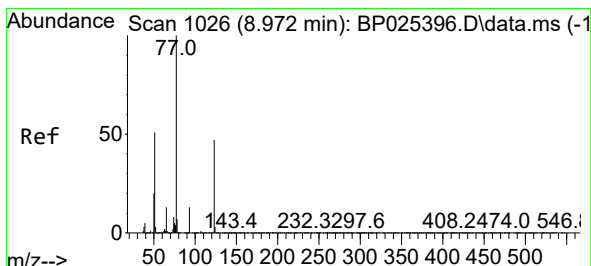
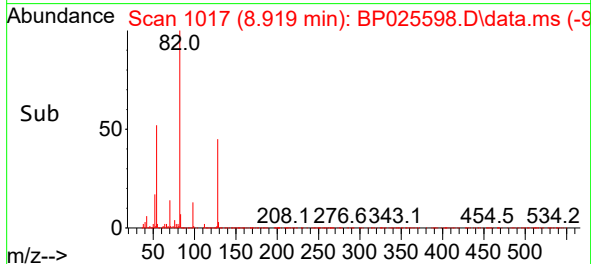
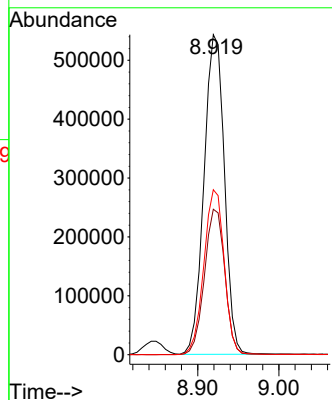
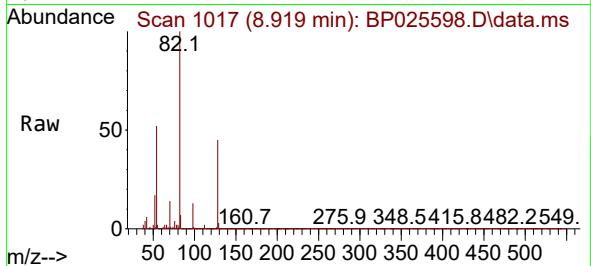




#23
Nitrobenzene-d5
Concen: 77.890 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

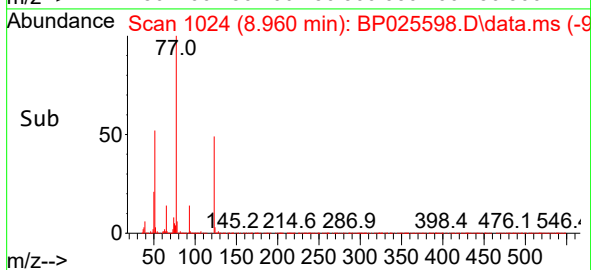
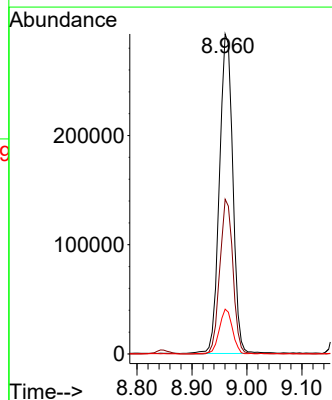
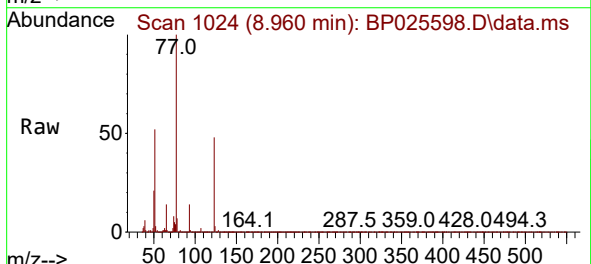
Instrument :
BNA_P
ClientSampleId :
PB169370BS

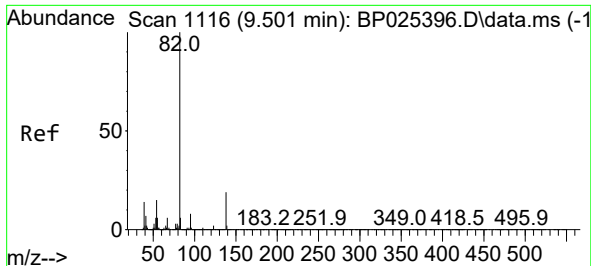
Tgt Ion: 82 Resp: 946996
Ion Ratio Lower Upper
82 100
128 45.4 37.7 56.5
54 51.6 39.8 59.6



#24
Nitrobenzene
Concen: 45.592 ng
RT: 8.960 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 77 Resp: 495396
Ion Ratio Lower Upper
77 100
123 48.4 38.6 58.0
65 14.0 10.6 15.8

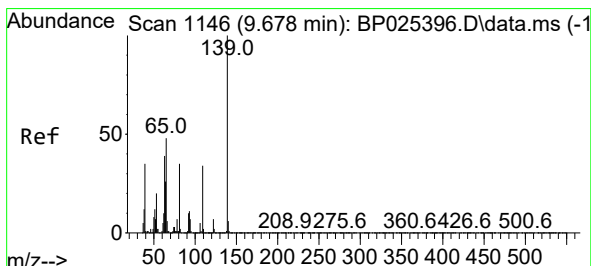
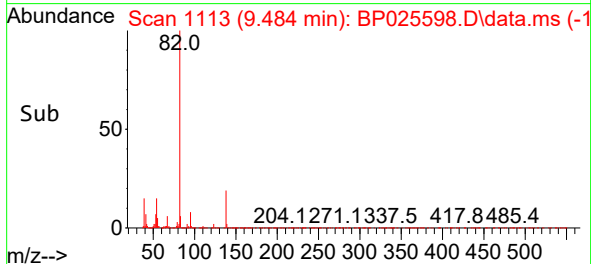
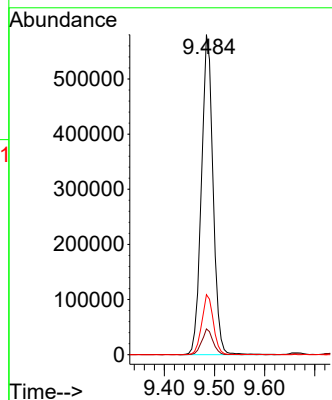
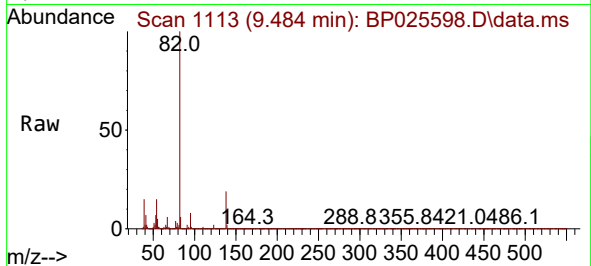




#25
Isophorone
Concen: 43.379 ng
RT: 9.484 min Scan# 1113
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

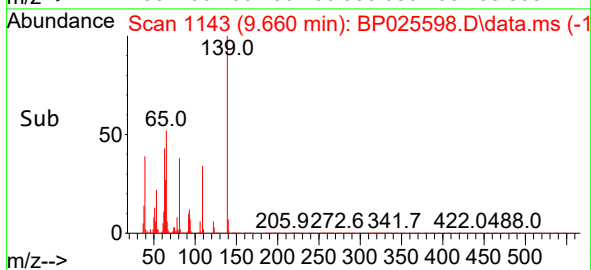
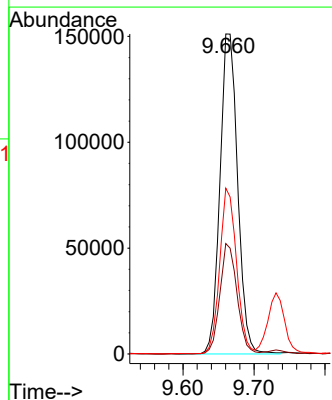
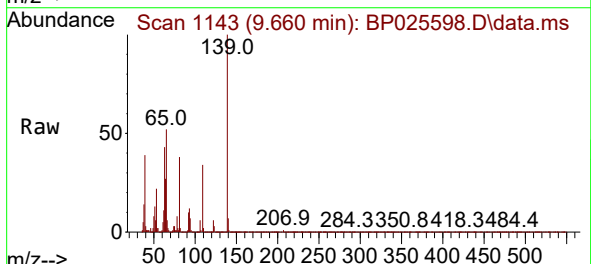
Instrument :
BNA_P
ClientSampleId :
PB169370BS

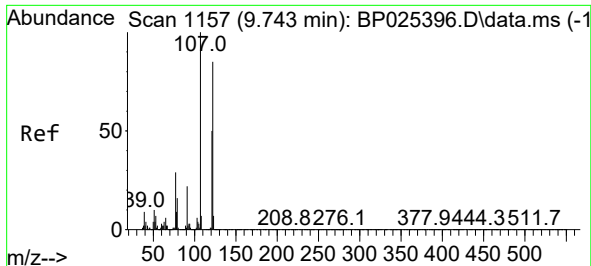
Tgt Ion: 82 Resp: 933372
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.8 15.4 23.0



#26
2-Nitrophenol
Concen: 46.727 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:139 Resp: 260567
Ion Ratio Lower Upper
139 100
109 34.5 26.9 40.3
65 51.8 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 47.256 ng

RT: 9.731 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

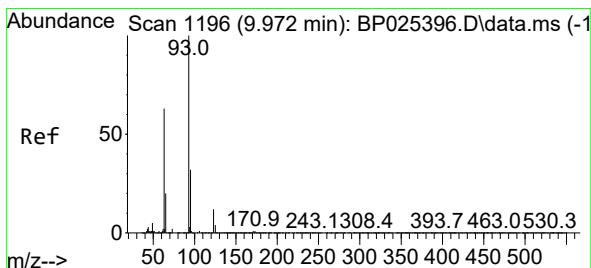
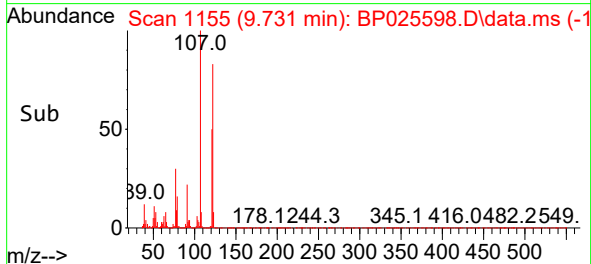
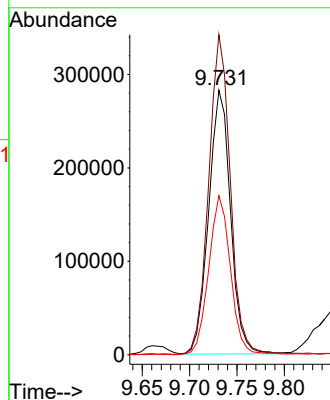
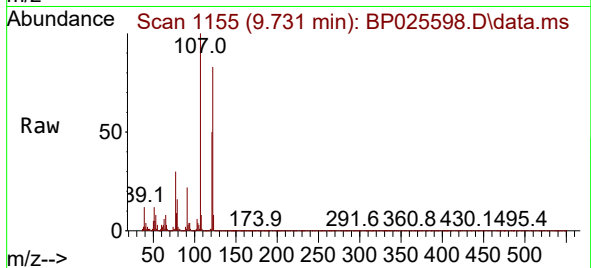
Tgt Ion:122 Resp: 453181

Ion Ratio Lower Upper

122 100

107 121.0 93.7 140.5

121 60.1 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.919 ng

RT: 9.960 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

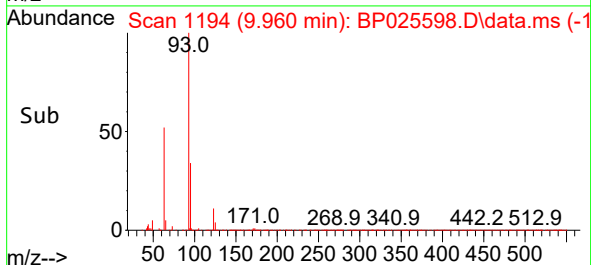
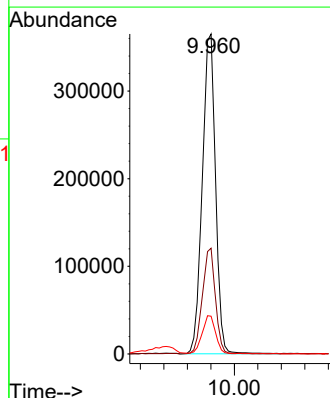
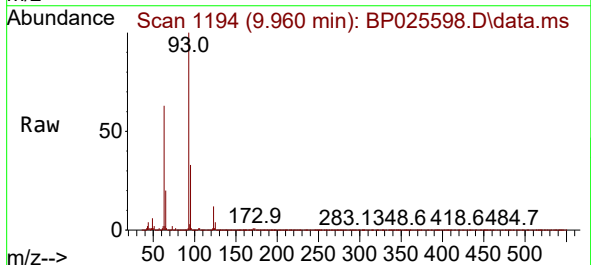
Tgt Ion: 93 Resp: 571226

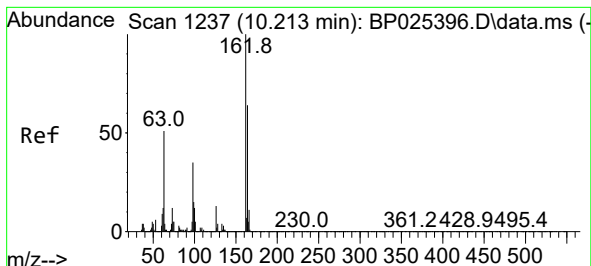
Ion Ratio Lower Upper

93 100

95 33.1 25.4 38.0

123 11.8 9.4 14.0

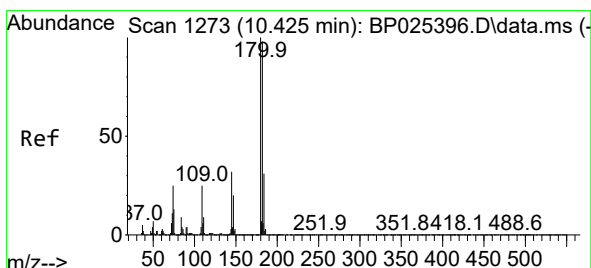
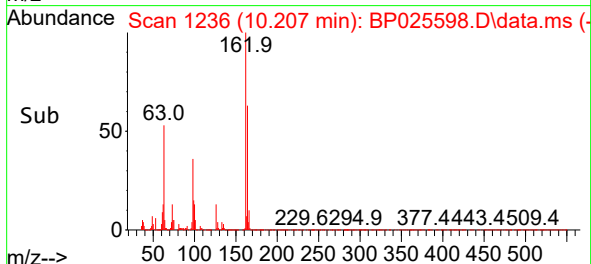
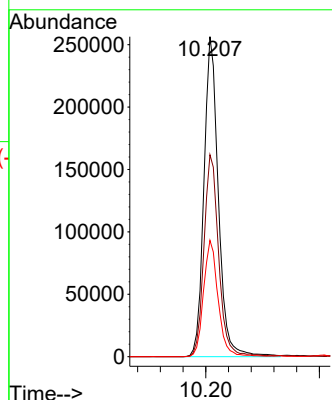
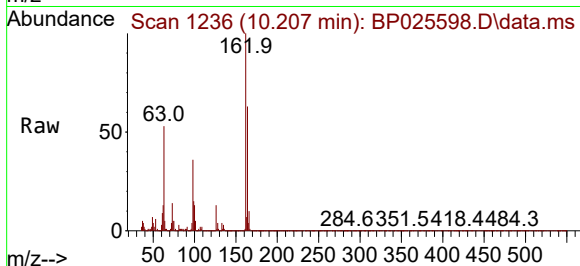




#29
2,4-Dichlorophenol
Concen: 47.484 ng
RT: 10.207 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

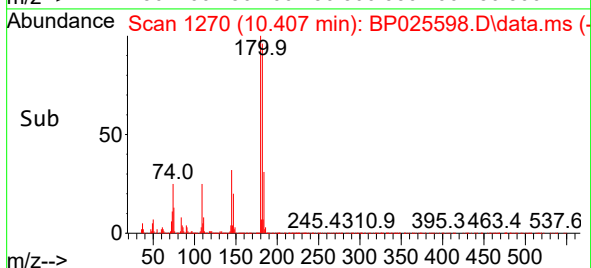
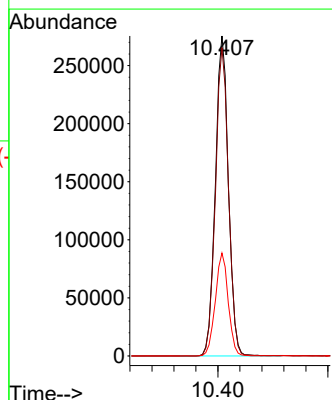
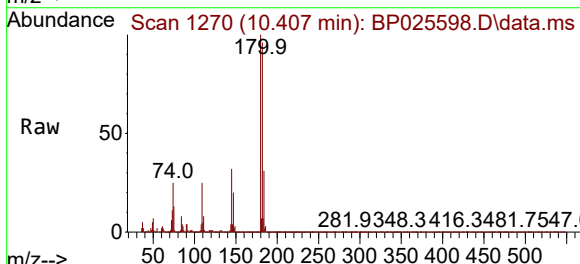
Instrument :
BNA_P
ClientSampleId :
PB169370BS

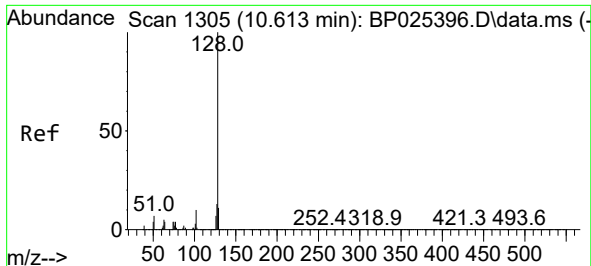
Tgt Ion:162 Resp: 452353
Ion Ratio Lower Upper
162 100
164 63.1 44.4 84.4
98 36.4 14.9 54.9



#30
1,2,4-Trichlorobenzene
Concen: 43.508 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:180 Resp: 454350
Ion Ratio Lower Upper
180 100
182 96.4 78.0 117.0
145 32.2 25.9 38.9

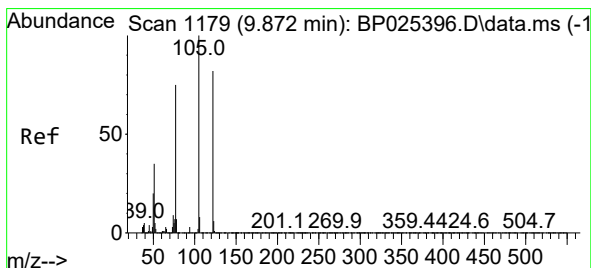
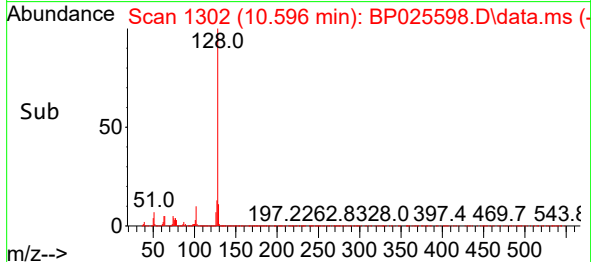
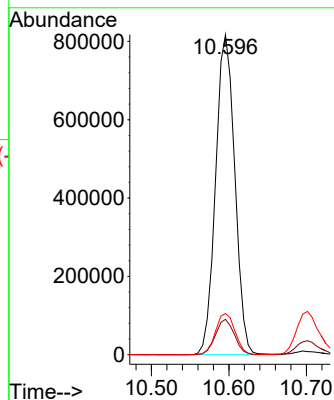
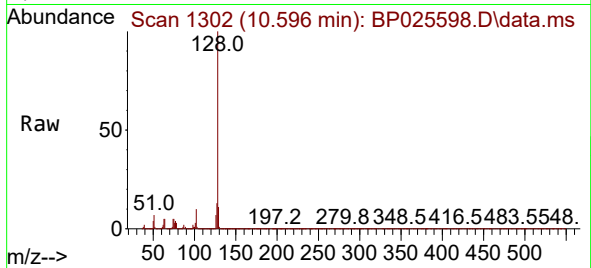




#31
Naphthalene
Concen: 43.921 ng
RT: 10.596 min Scan# 1182
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

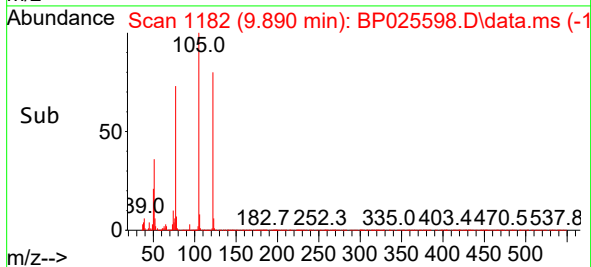
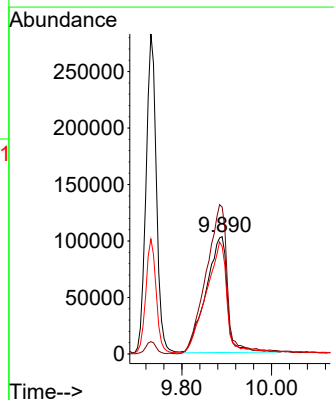
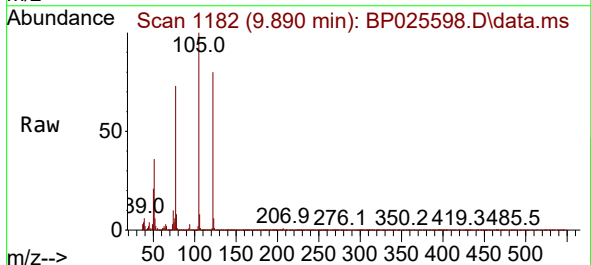
Instrument :
BNA_P
ClientSampleId :
PB169370BS

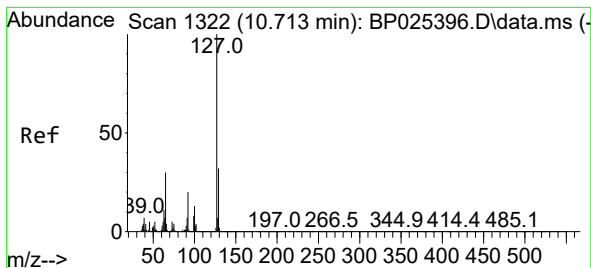
Tgt Ion:128 Resp: 1403986
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.7 16.1



#32
Benzoic acid
Concen: 47.704 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:122 Resp: 337738
Ion Ratio Lower Upper
122 100
105 125.5 100.6 140.6
77 91.8 71.5 111.5





#33

4-Chloroaniline

Concen: 16.443 ng

RT: 10.701 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

Tgt Ion:127 Resp: 232182

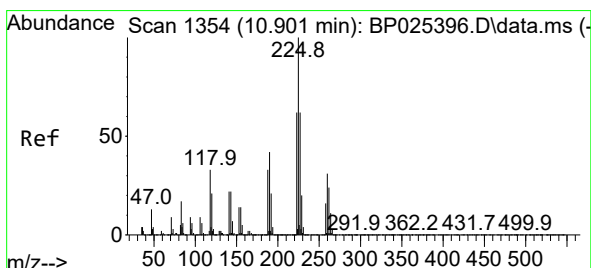
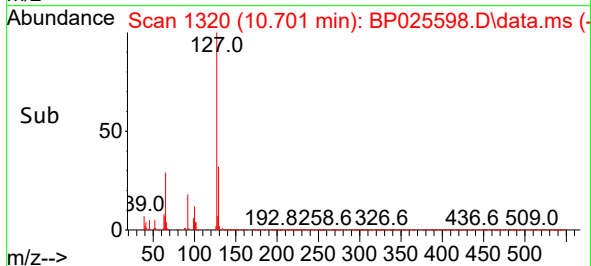
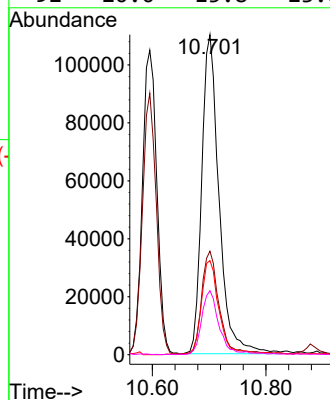
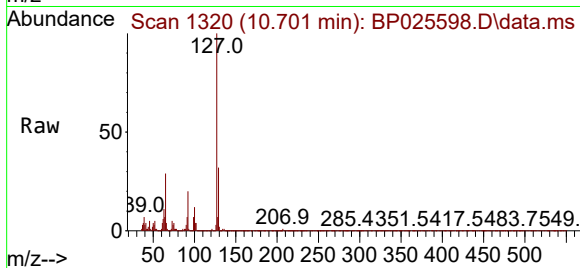
Ion Ratio Lower Upper

127 100

129 32.3 25.4 38.2

65 29.4 23.8 35.6

92 20.0 15.8 23.8



#34

Hexachlorobutadiene

Concen: 42.953 ng

RT: 10.884 min Scan# 1351

Delta R.T. -0.018 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

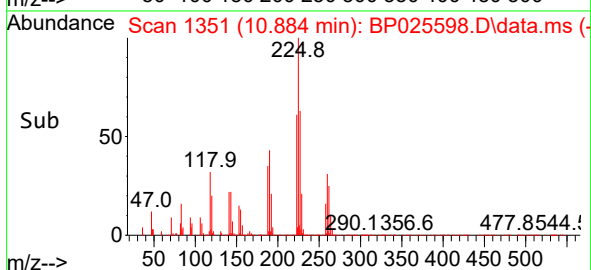
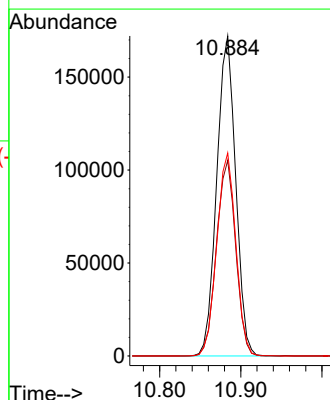
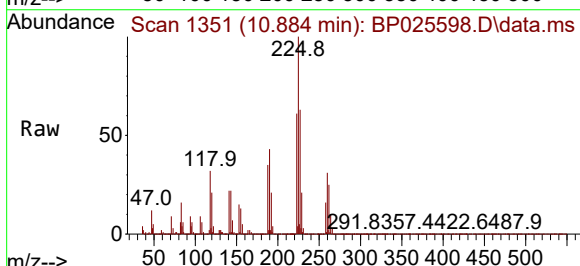
Tgt Ion:225 Resp: 279348

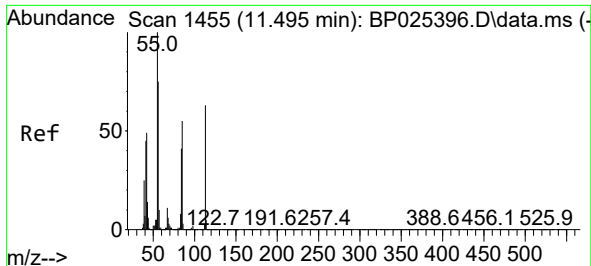
Ion Ratio Lower Upper

225 100

223 61.1 50.0 75.0

227 63.5 49.7 74.5

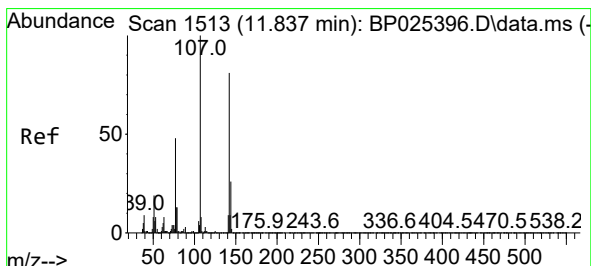
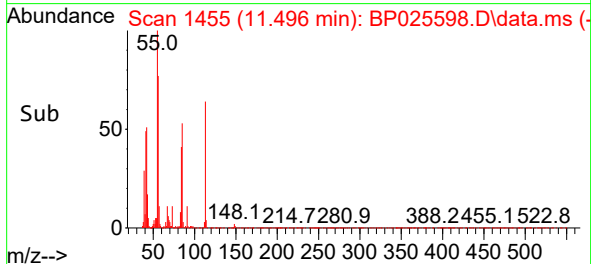
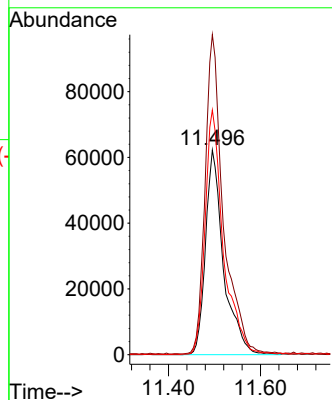
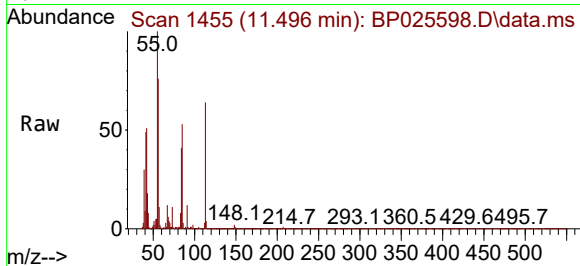




#35
 Caprolactam
 Concen: 48.609 ng
 RT: 11.496 min Scan# 1455
 Delta R.T. 0.000 min
 Lab File: BP025598.D
 Acq: 27 Aug 2025 11:01

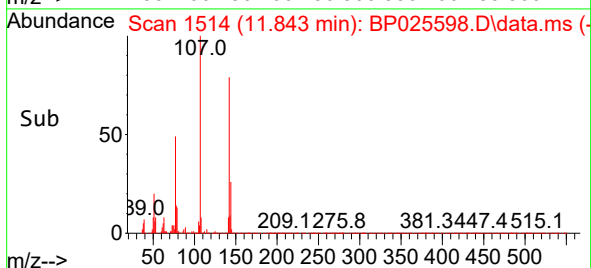
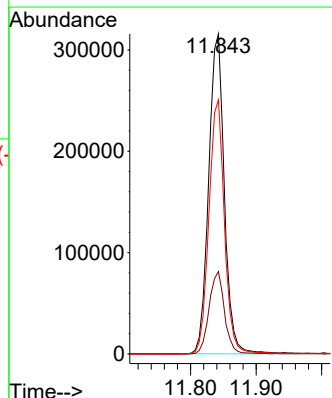
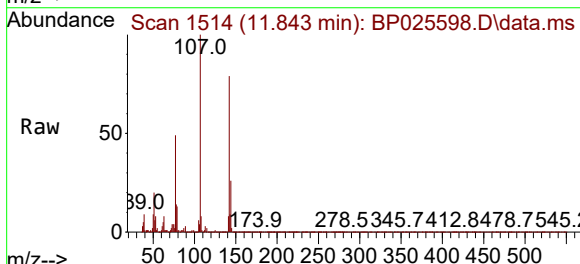
Instrument :
 BNA_P
 ClientSampleId :
 PB169370BS

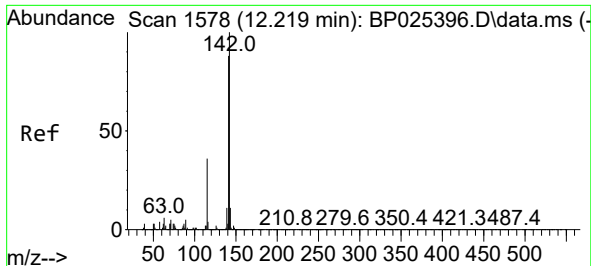
Tgt Ion:113 Resp: 169799
 Ion Ratio Lower Upper
 113 100
 55 156.4 140.0 180.0
 56 119.6 100.0 140.0



#36
 4-Chloro-3-methylphenol
 Concen: 47.987 ng
 RT: 11.843 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: BP025598.D
 Acq: 27 Aug 2025 11:01

Tgt Ion:107 Resp: 524556
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.0 31.4
 142 79.4 64.6 97.0

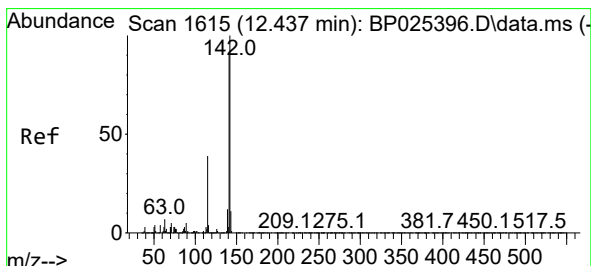
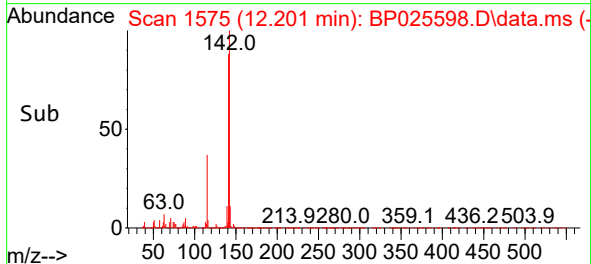
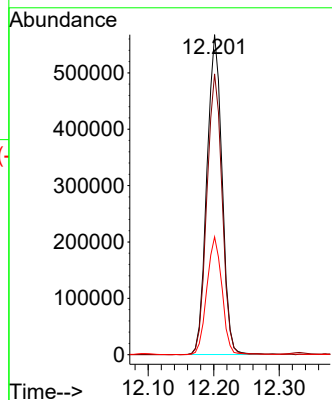
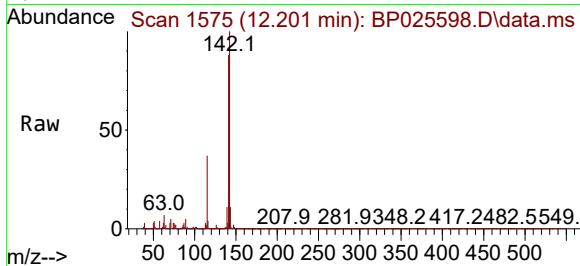




#37
2-Methylnaphthalene
Concen: 43.929 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

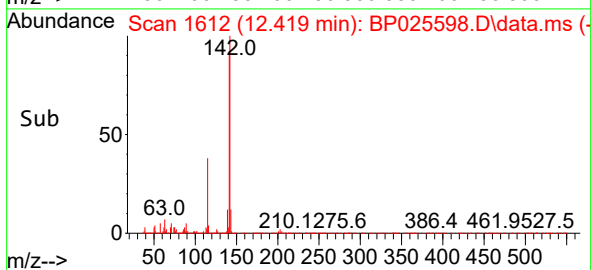
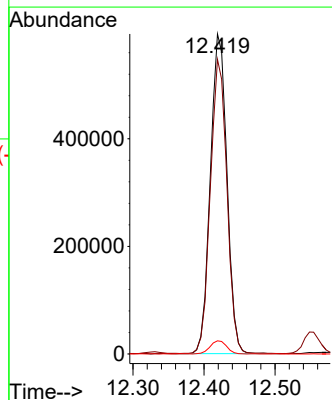
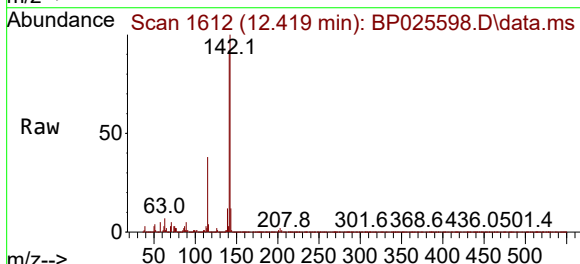
Instrument :
BNA_P
ClientSampleId :
PB169370BS

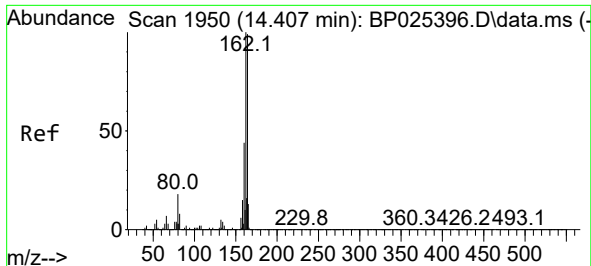
Tgt Ion:142 Resp: 913846
Ion Ratio Lower Upper
142 100
141 87.7 70.3 105.5
115 36.8 28.9 43.3



#38
1-Methylnaphthalene
Concen: 43.582 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:142 Resp: 964156
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7
116 4.1 3.2 4.8

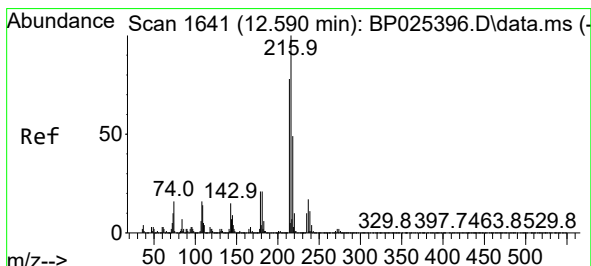
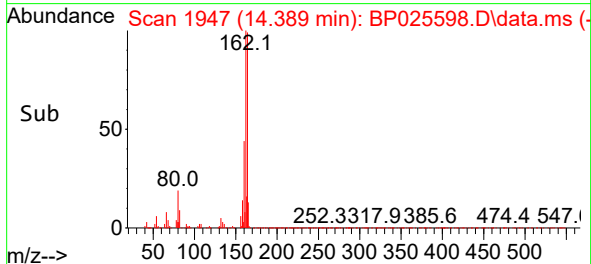
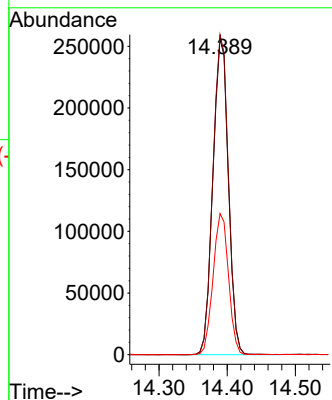
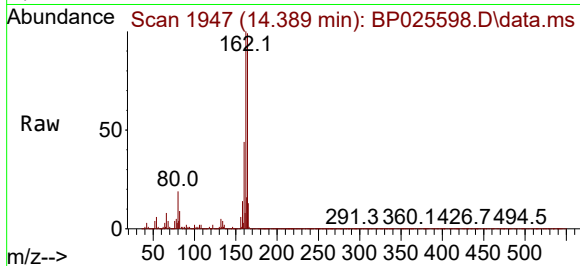




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

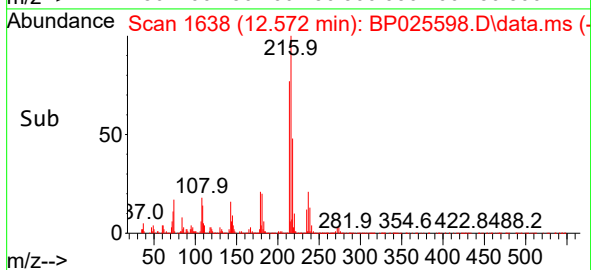
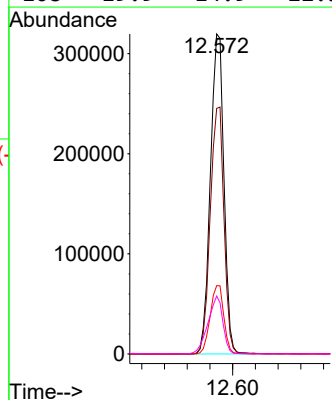
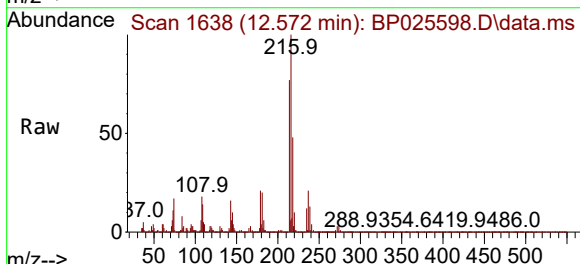
Instrument :
BNA_P
ClientSampleId :
PB169370BS

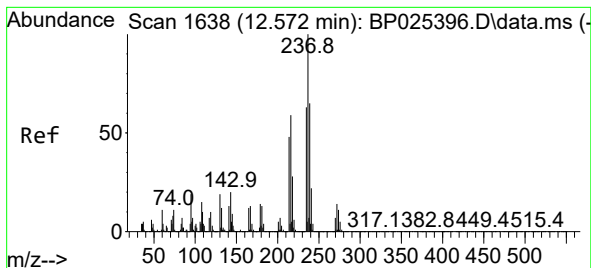
Tgt Ion:164 Resp: 404292
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.6
160 44.6 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.060 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:216 Resp: 526139
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 21.5 17.1 25.7
108 19.9 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 73.254 ng

RT: 12.554 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

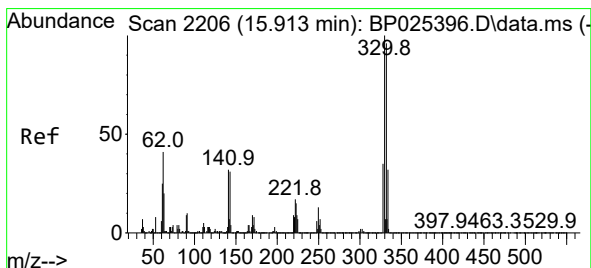
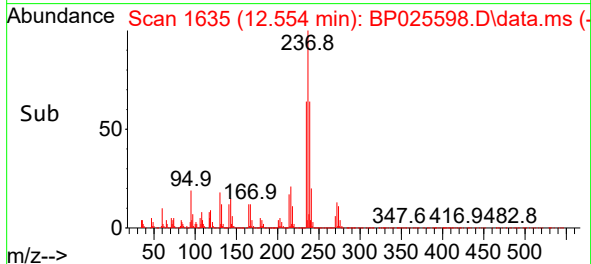
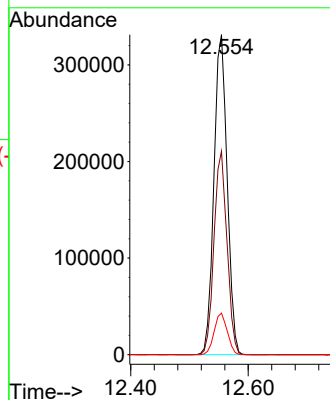
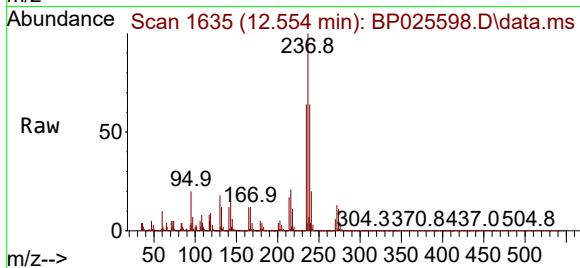
Tgt Ion:237 Resp: 516663

Ion Ratio Lower Upper

237 100

235 63.6 42.7 82.7

272 13.0 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 139.751 ng

RT: 15.901 min Scan# 2204

Delta R.T. -0.012 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

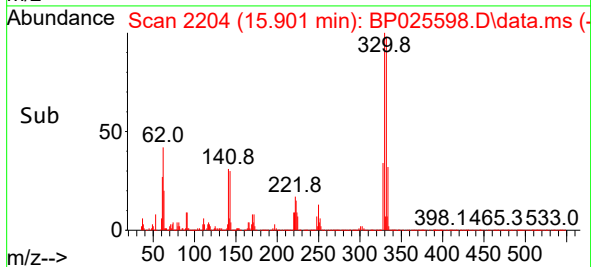
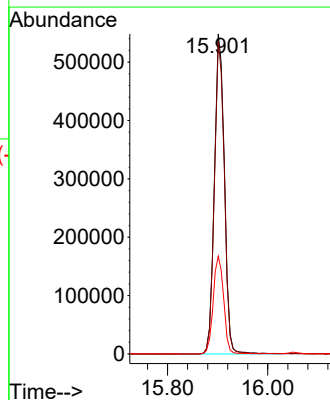
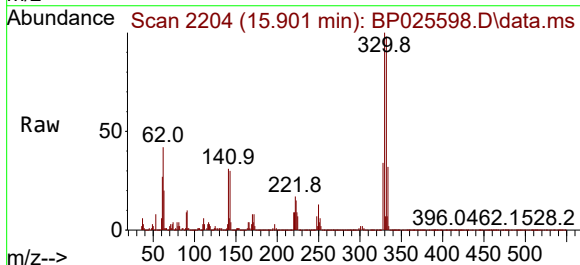
Tgt Ion:330 Resp: 760500

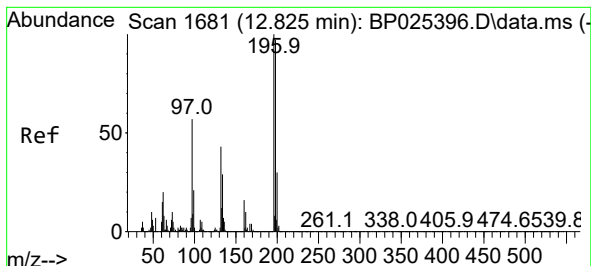
Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 31.7 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 48.516 ng

RT: 12.819 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

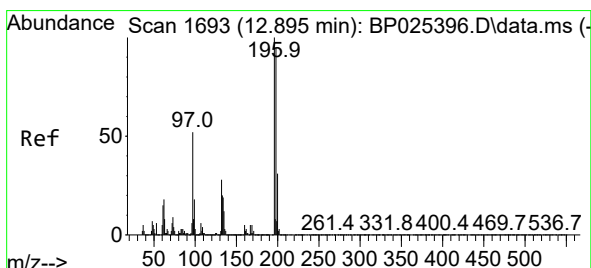
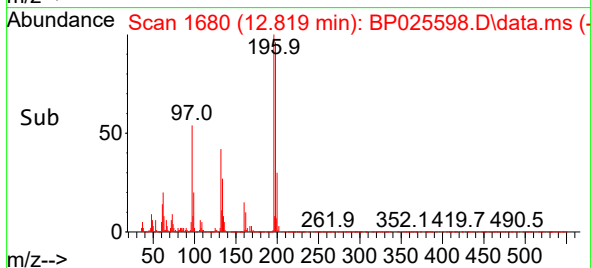
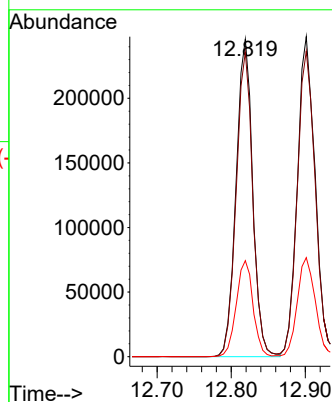
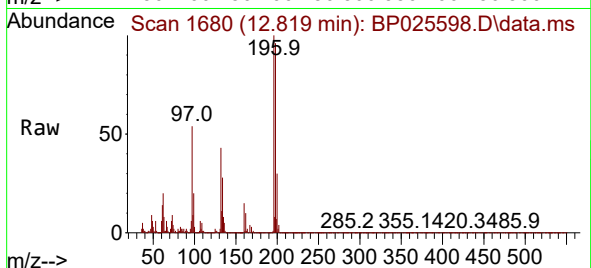
Tgt Ion:196 Resp: 382444

Ion Ratio Lower Upper

196 100

198 96.0 77.2 115.8

200 30.3 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 48.086 ng

RT: 12.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Tgt Ion:196 Resp: 415430

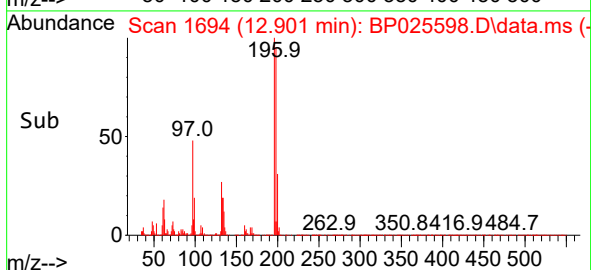
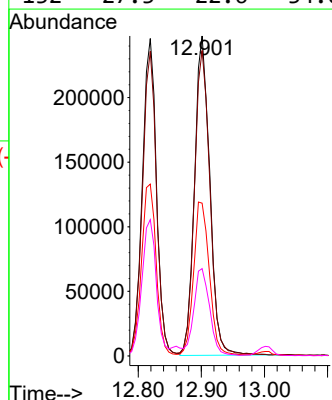
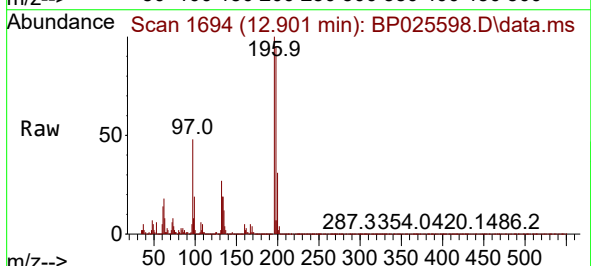
Ion Ratio Lower Upper

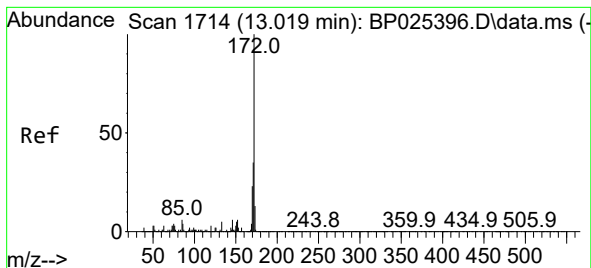
196 100

198 95.5 76.2 114.2

97 47.7 41.2 61.8

132 27.3 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 76.139 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

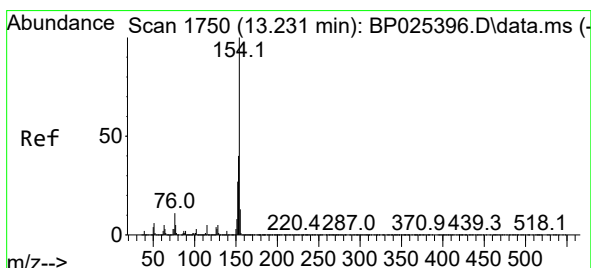
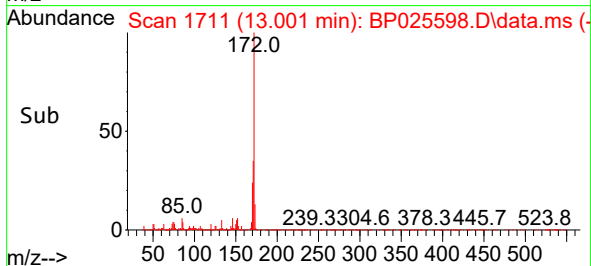
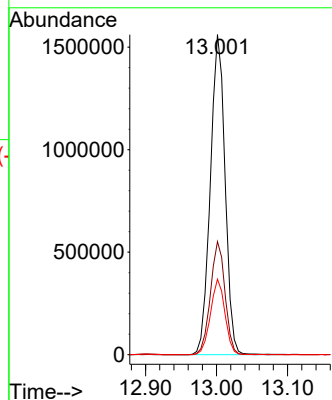
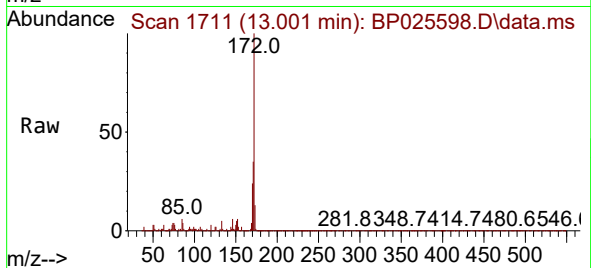
Tgt Ion:172 Resp: 2252347

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 45.110 ng

RT: 13.213 min Scan# 1747

Delta R.T. -0.018 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

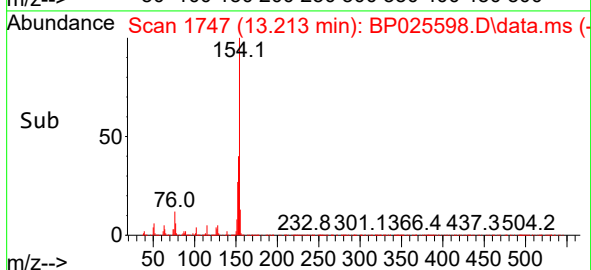
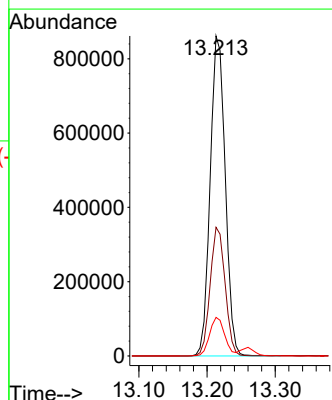
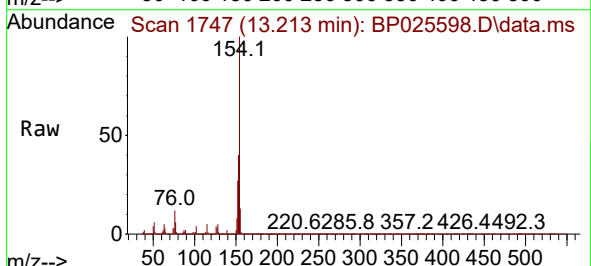
Tgt Ion:154 Resp: 1324535

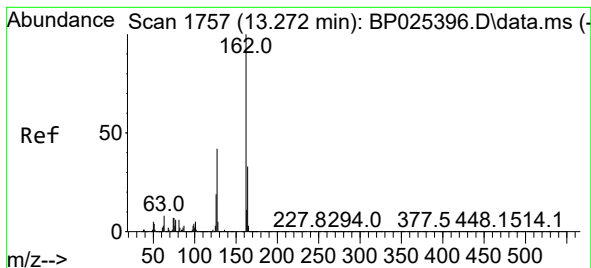
Ion Ratio Lower Upper

154 100

153 40.2 19.5 59.5

76 12.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.140 ng

RT: 13.260 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

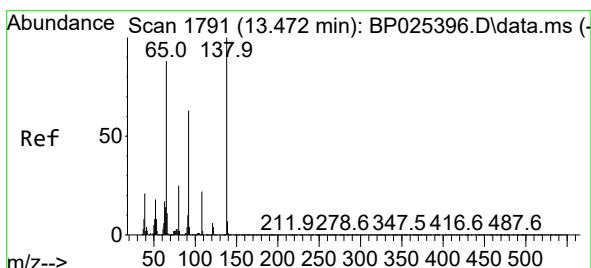
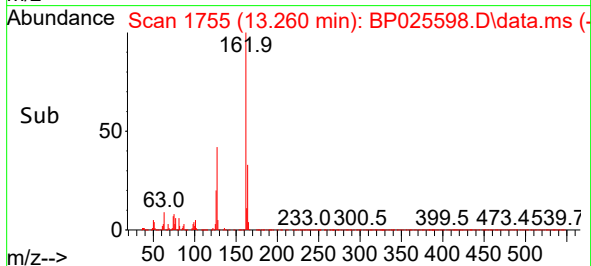
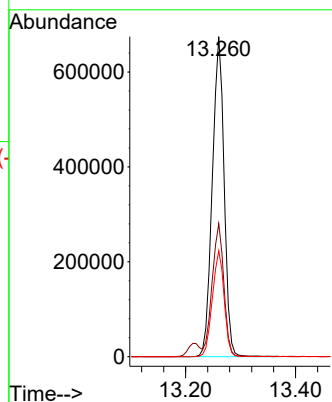
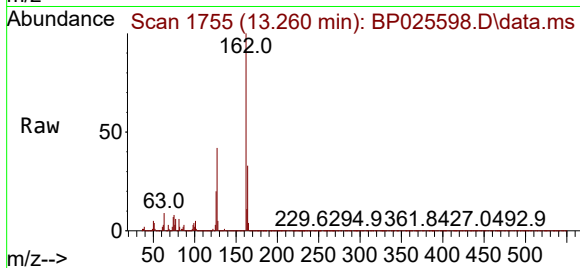
Tgt Ion:162 Resp: 1008960

Ion Ratio Lower Upper

162 100

127 41.6 33.4 50.2

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 51.059 ng

RT: 13.460 min Scan# 1789

Delta R.T. -0.012 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

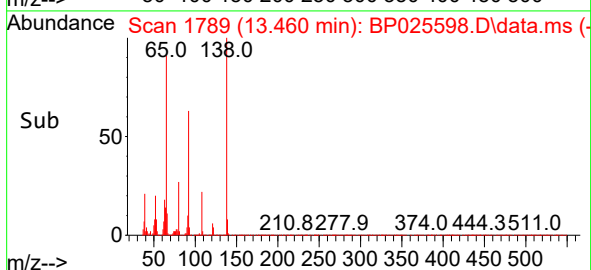
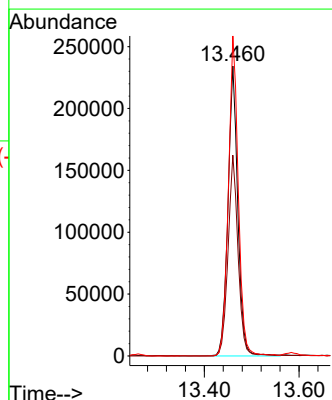
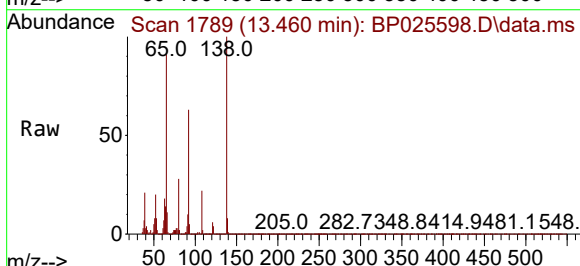
Tgt Ion: 65 Resp: 340067

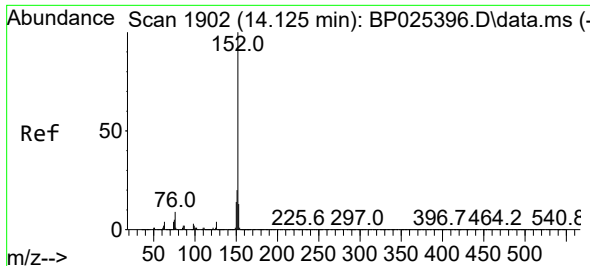
Ion Ratio Lower Upper

65 100

92 69.3 57.6 86.4

138 110.4 91.0 136.6

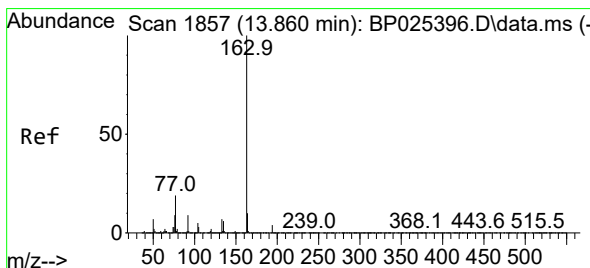
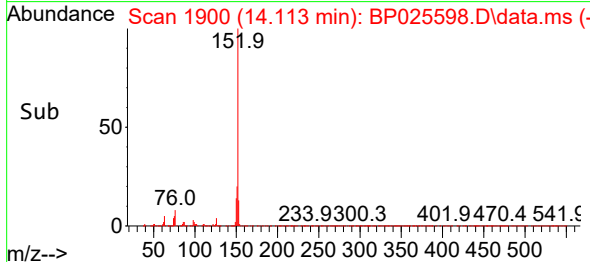
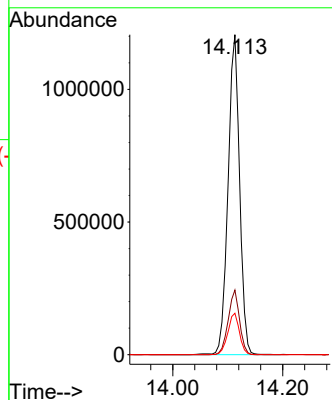
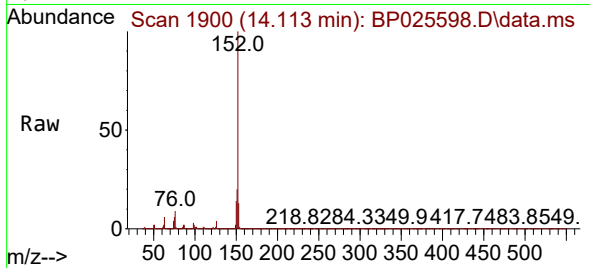




#49
Acenaphthylene
Concen: 46.477 ng
RT: 14.113 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

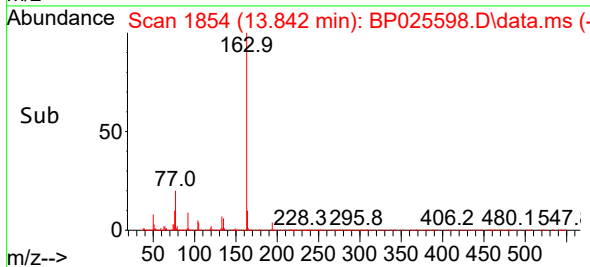
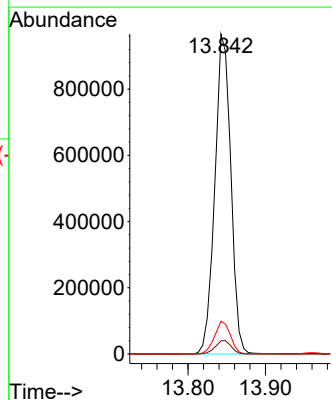
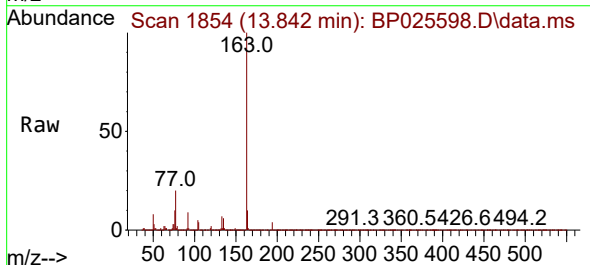
Instrument :
BNA_P
ClientSampleId :
PB169370BS

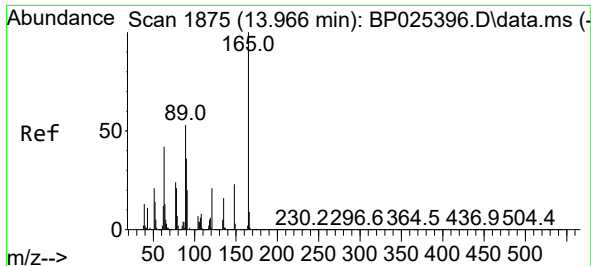
Tgt Ion:152 Resp: 1757916
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 46.949 ng
RT: 13.842 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:163 Resp: 1389966
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 7.9 11.9

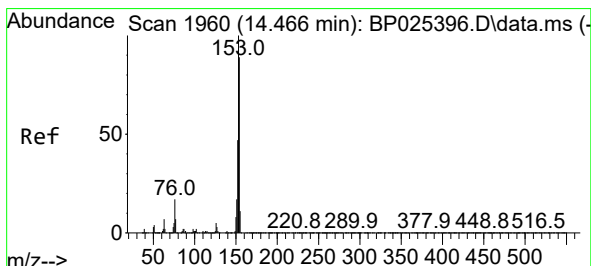
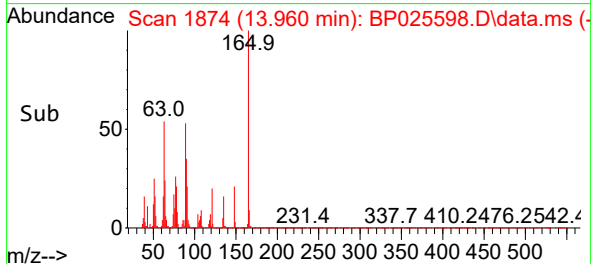
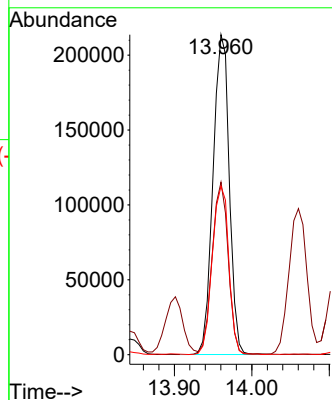
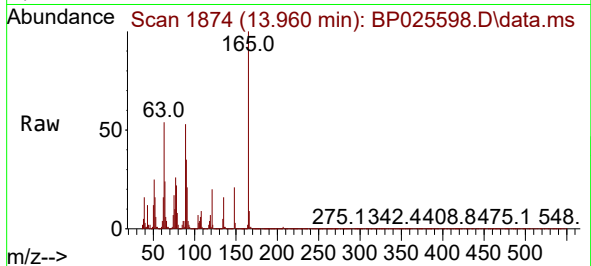




#51
2,6-Dinitrotoluene
Concen: 49.834 ng
RT: 13.960 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

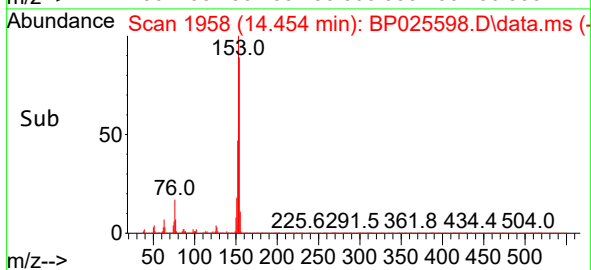
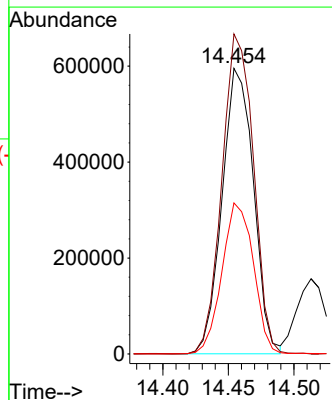
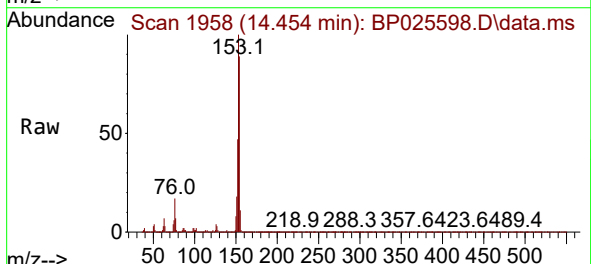
Instrument :
BNA_P
ClientSampleId :
PB169370BS

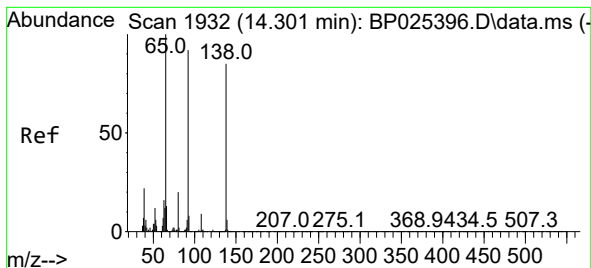
Tgt Ion:165 Resp: 310968
Ion Ratio Lower Upper
165 100
63 53.9 40.9 61.3
89 52.7 42.1 63.1



#52
Acenaphthene
Concen: 44.794 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:154 Resp: 994508
Ion Ratio Lower Upper
154 100
153 112.0 90.2 135.2
152 52.9 42.1 63.1

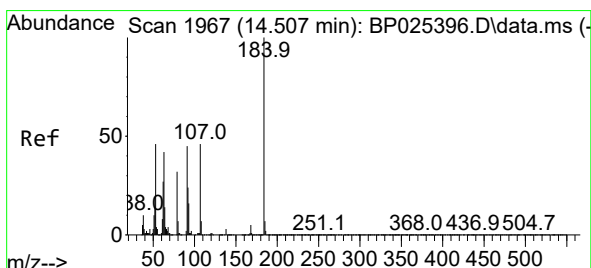
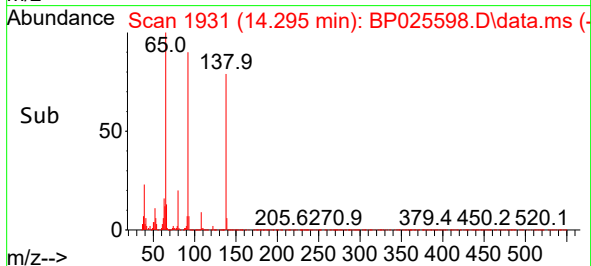
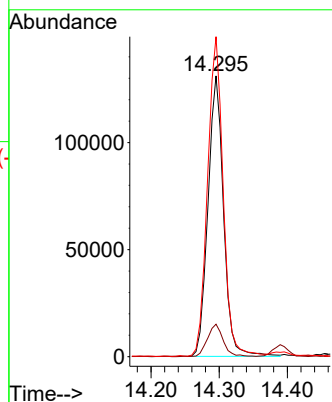
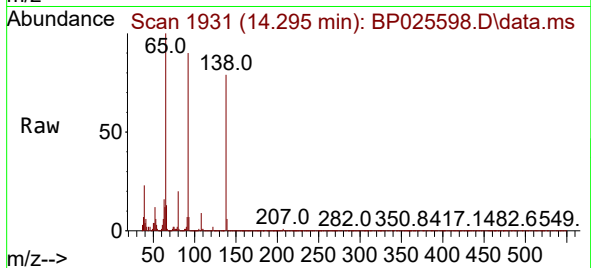




#53
3-Nitroaniline
Concen: 29.714 ng
RT: 14.295 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

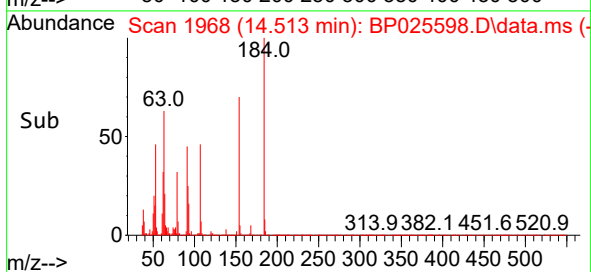
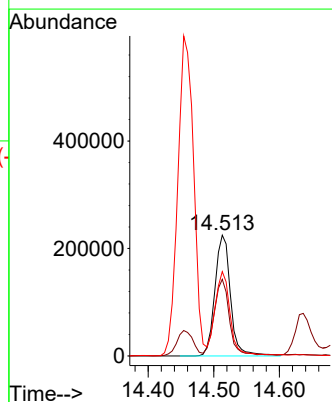
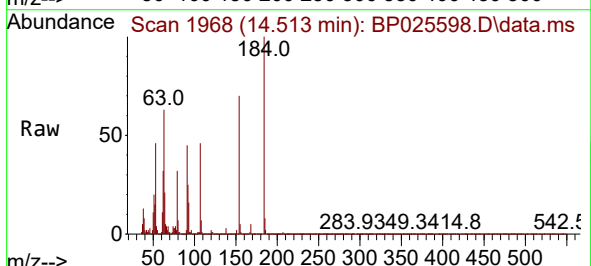
Instrument :
BNA_P
ClientSampleId :
PB169370BS

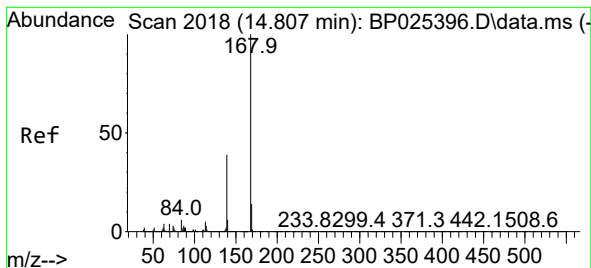
Tgt Ion:138 Resp: 208610
Ion Ratio Lower Upper
138 100
108 11.6 8.3 12.5
92 114.0 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 111.480 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:184 Resp: 371494
Ion Ratio Lower Upper
184 100
63 63.4 49.4 74.2
154 69.8 54.6 82.0

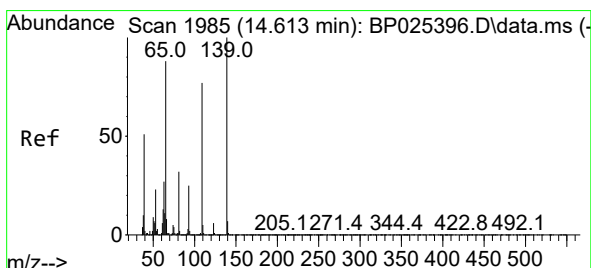
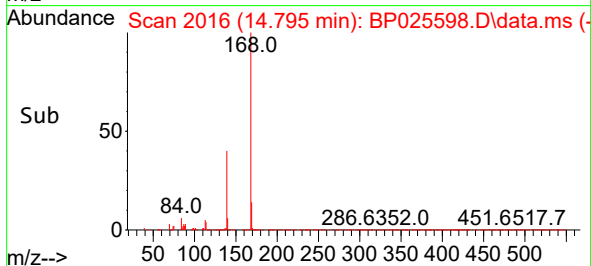
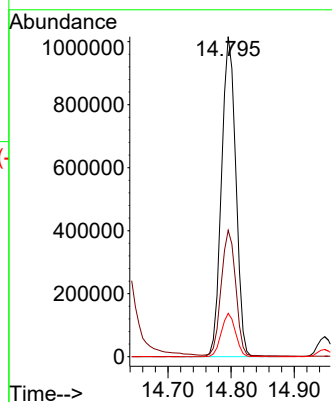
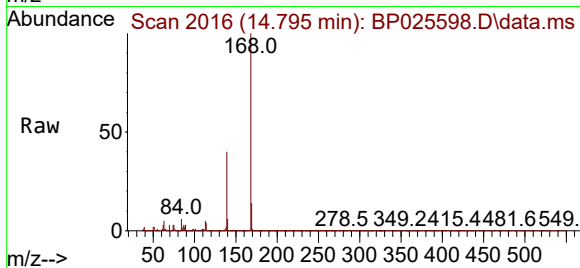




#55
Dibenzofuran
Concen: 45.542 ng
RT: 14.795 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

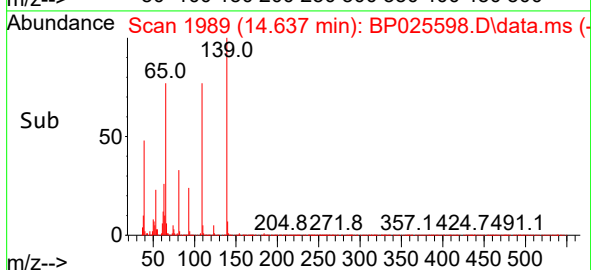
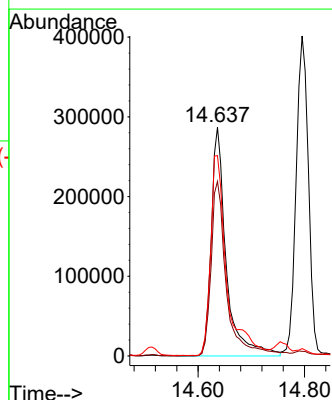
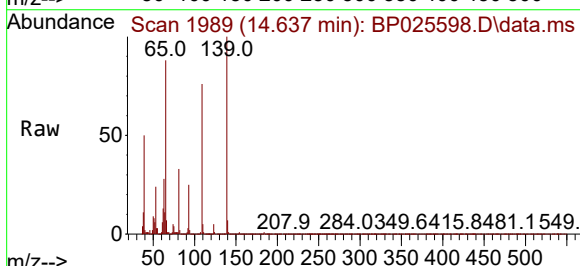
Instrument :
BNA_P
ClientSampleId :
PB169370BS

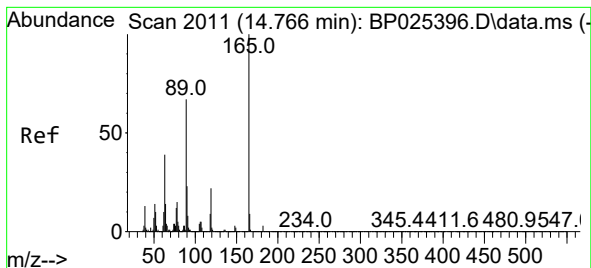
Tgt Ion:168 Resp: 1598571
Ion Ratio Lower Upper
168 100
139 39.5 31.5 47.3
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 96.869 ng
RT: 14.637 min Scan# 1989
Delta R.T. 0.024 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:139 Resp: 558851
Ion Ratio Lower Upper
139 100
109 76.3 56.6 96.6
65 87.5 68.2 108.2

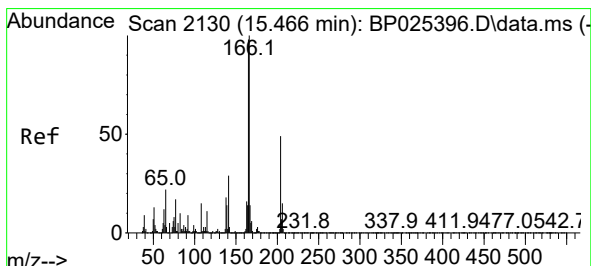
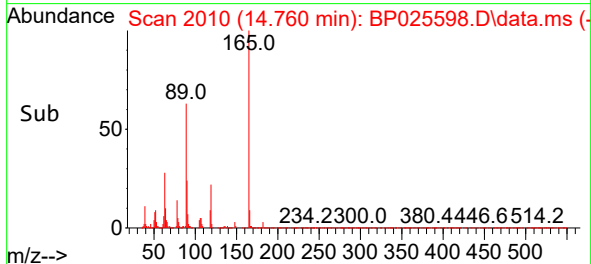
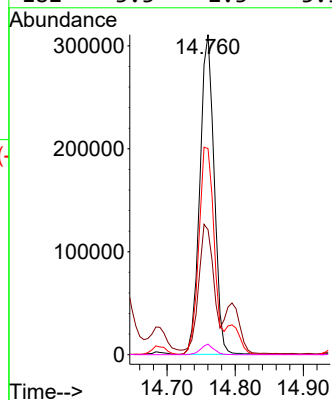
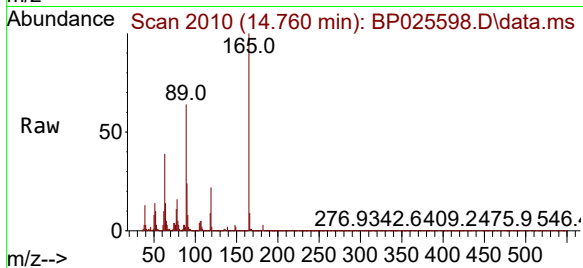




#57
2,4-Dinitrotoluene
Concen: 50.781 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

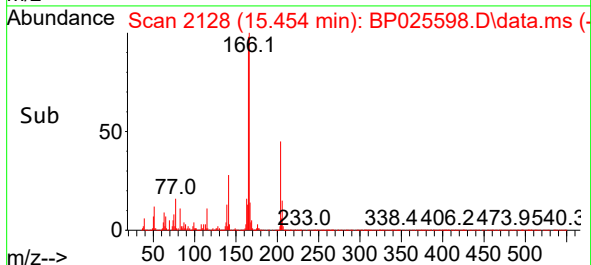
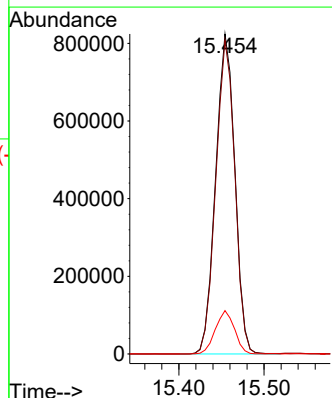
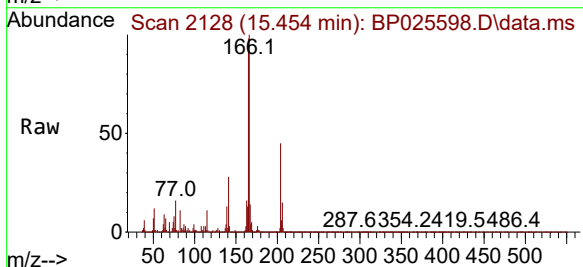
Instrument :
BNA_P
ClientSampleId :
PB169370BS

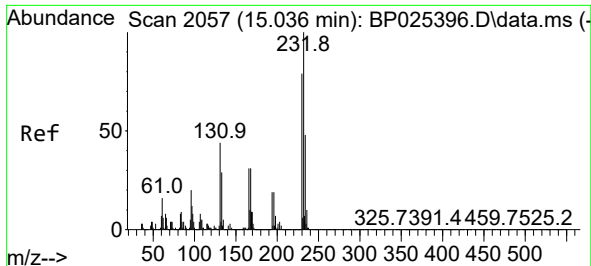
Tgt Ion:165 Resp: 452100
Ion Ratio Lower Upper
165 100
63 39.1 31.4 47.2
89 64.4 53.3 79.9
182 3.3 2.3 3.5



#58
Fluorene
Concen: 46.806 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:166 Resp: 1296385
Ion Ratio Lower Upper
166 100
165 98.0 78.8 118.2
167 13.5 11.0 16.4

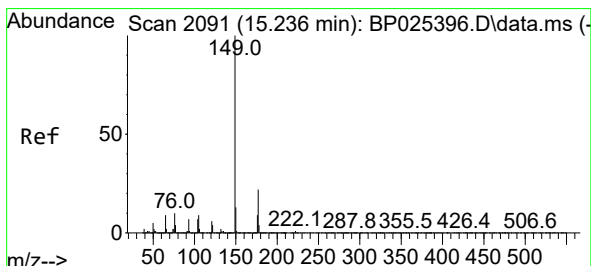
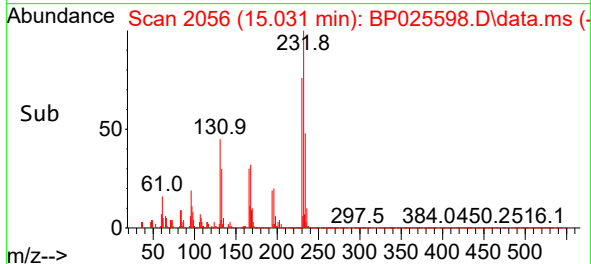
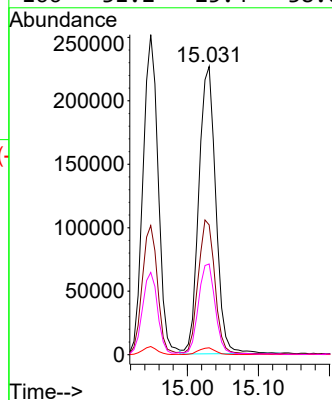
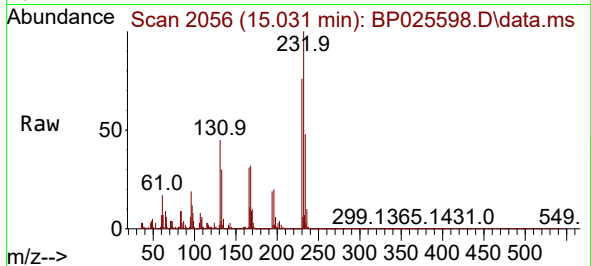




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.388 ng
RT: 15.031 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

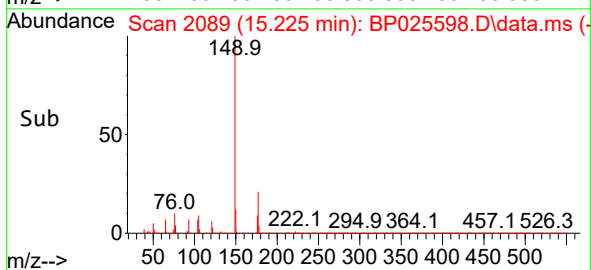
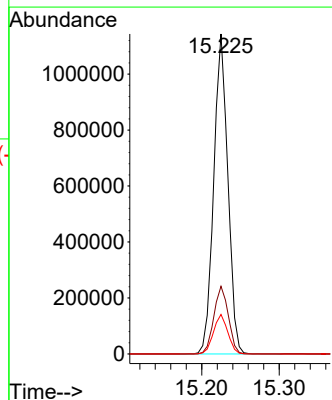
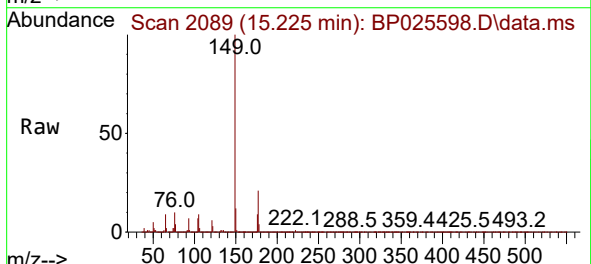
Instrument :
BNA_P
ClientSampleId :
PB169370BS

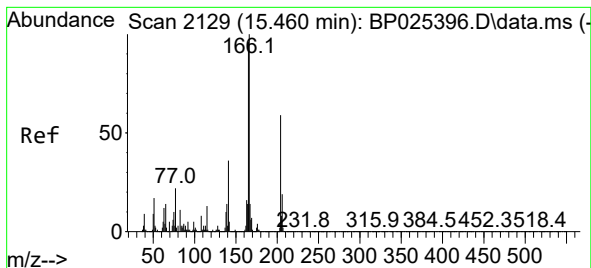
Tgt Ion:232 Resp: 376756
Ion Ratio Lower Upper
232 100
131 45.6 37.0 55.6
130 2.4 1.9 2.9
166 31.2 25.4 38.0



#60
Diethylphthalate
Concen: 47.987 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:149 Resp: 1443571
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 12.4 10.3 15.5

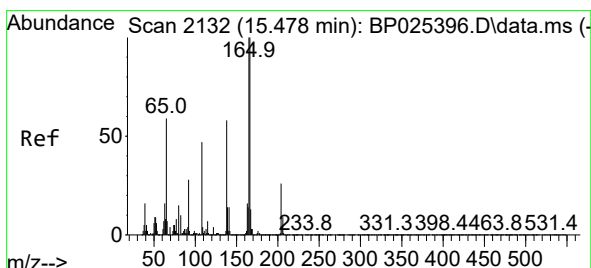
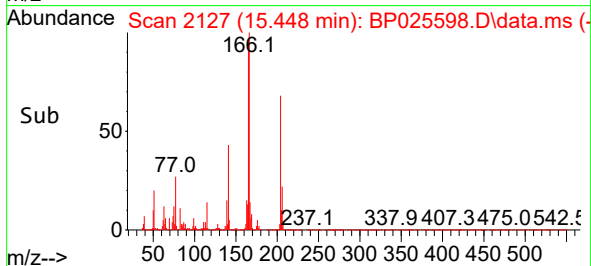
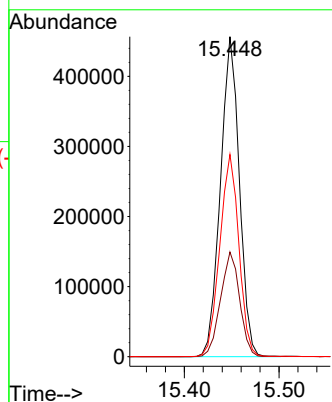
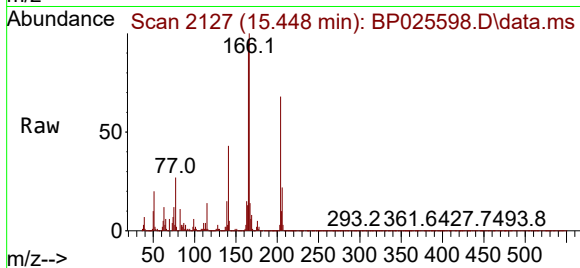




#61
4-Chlorophenyl-phenylether
Concen: 46.063 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

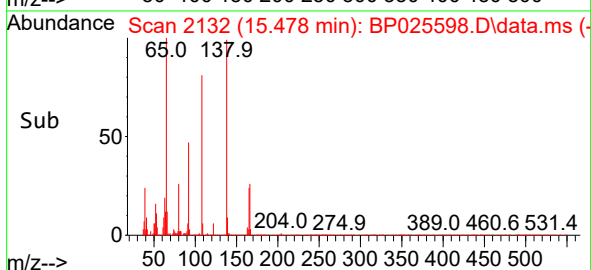
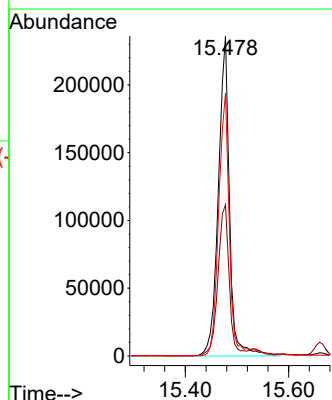
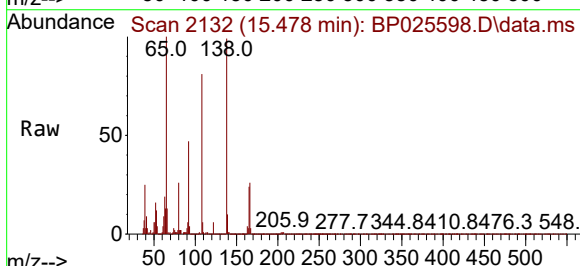
Instrument :
BNA_P
ClientSampleId :
PB169370BS

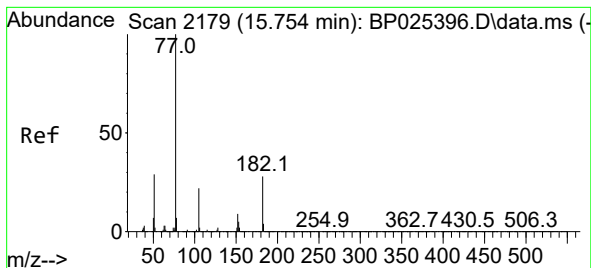
Tgt Ion:204 Resp: 634515
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 63.2 49.4 74.2



#62
4-Nitroaniline
Concen: 49.190 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:138 Resp: 354037
Ion Ratio Lower Upper
138 100
92 47.3 29.1 69.1
108 82.1 61.5 101.5

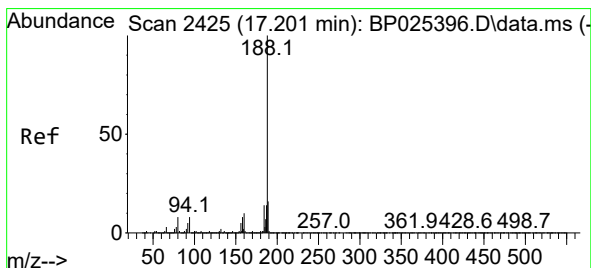
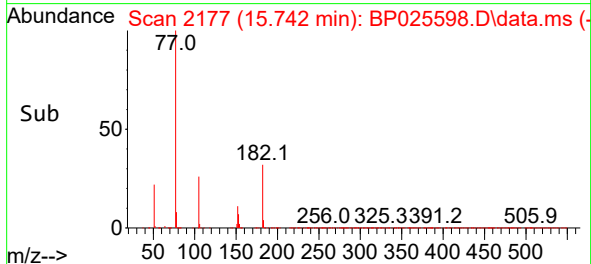
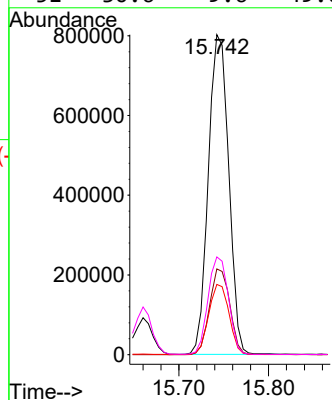
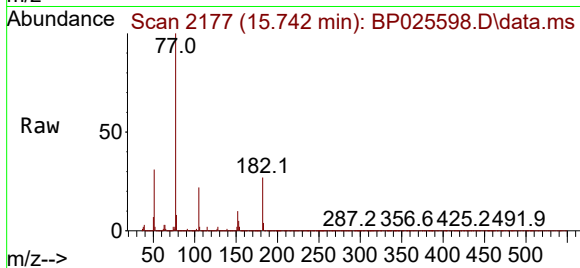




#63
Azobenzene
Concen: 49.158 ng
RT: 15.742 min Scan# 2177
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

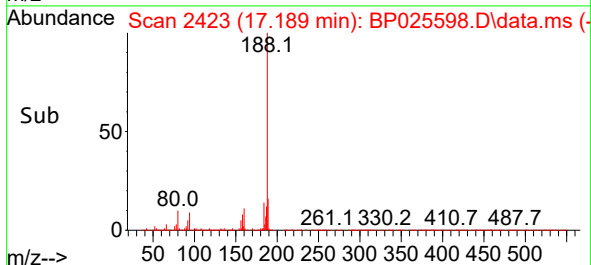
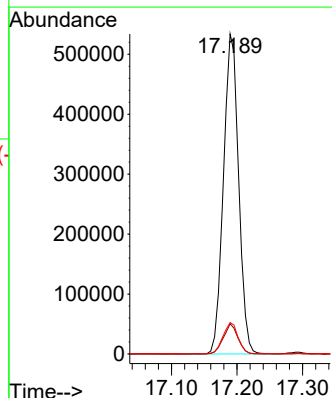
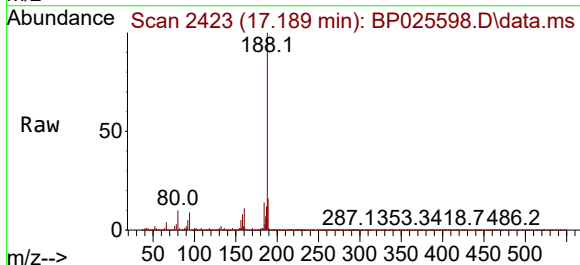
Instrument :
BNA_P
ClientSampleId :
PB169370BS

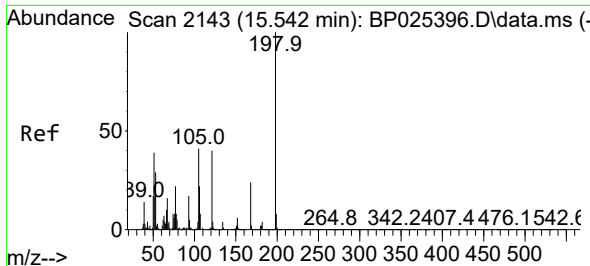
Tgt Ion: 77 Resp: 1266252
Ion Ratio Lower Upper
77 100
182 26.8 7.5 47.5
105 22.0 2.1 42.1
51 30.6 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 188 Resp: 853901
Ion Ratio Lower Upper
188 100
94 9.5 6.6 10.0
80 9.8 6.7 10.1

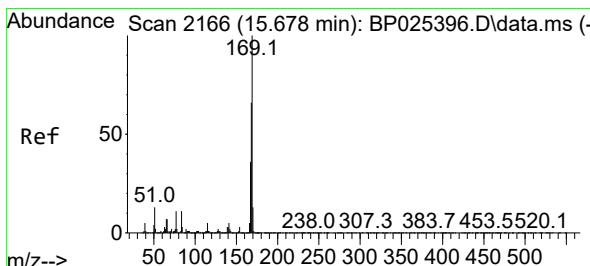
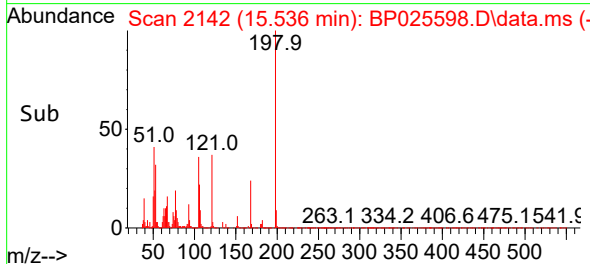
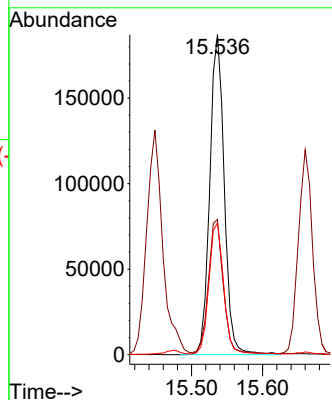
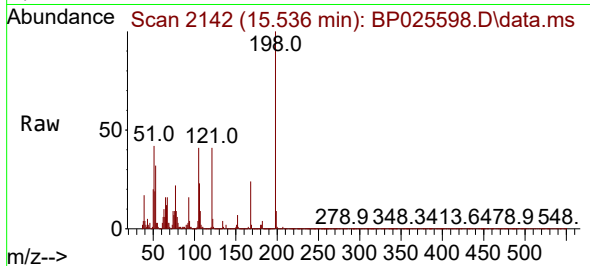




#65
4,6-Dinitro-2-methylphenol
Concen: 49.885 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

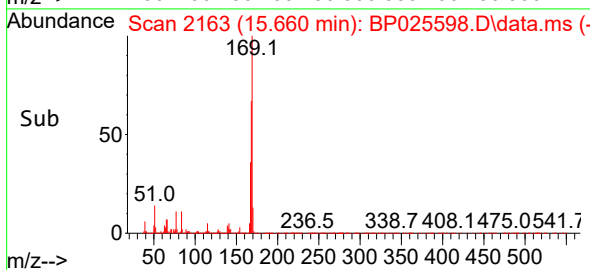
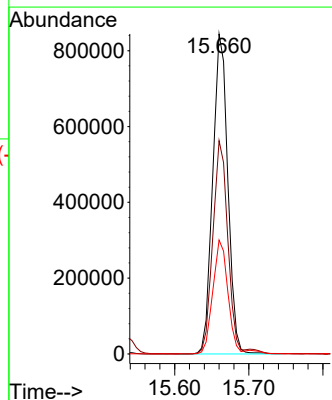
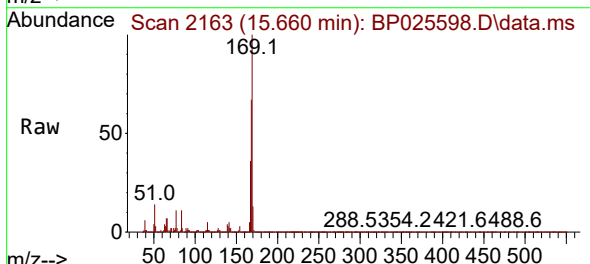
Instrument :
BNA_P
ClientSampleId :
PB169370BS

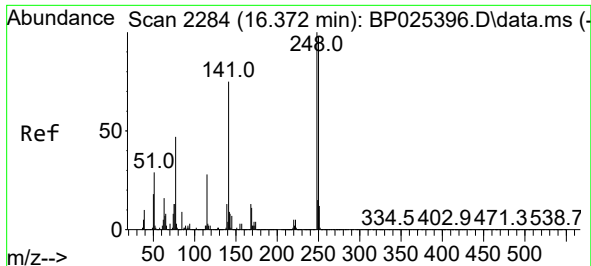
Tgt Ion:198 Resp: 265528
Ion Ratio Lower Upper
198 100
51 42.3 19.6 59.6
105 41.2 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 45.853 ng
RT: 15.660 min Scan# 2163
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:169 Resp: 1193960
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 35.6 28.7 43.1

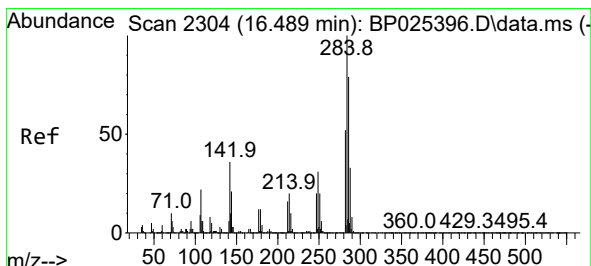
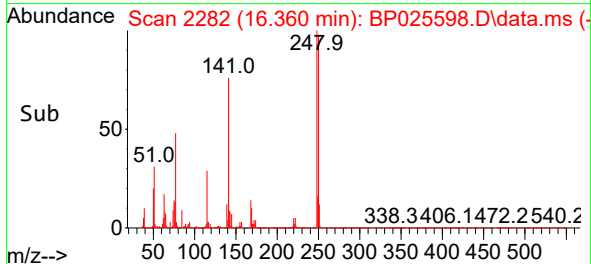
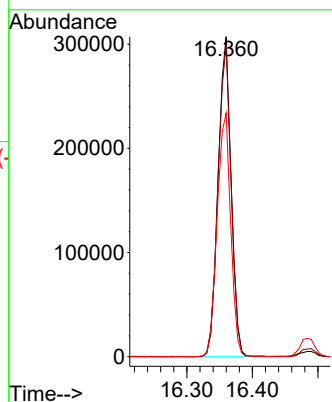
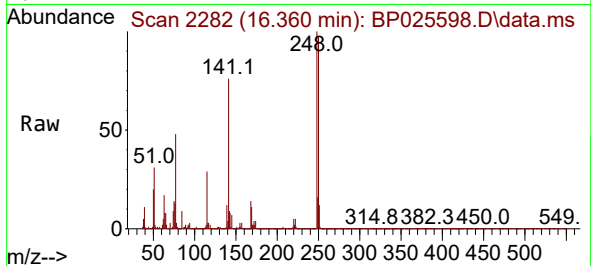




#67
4-Bromophenyl-phenylether
Concen: 44.965 ng
RT: 16.360 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

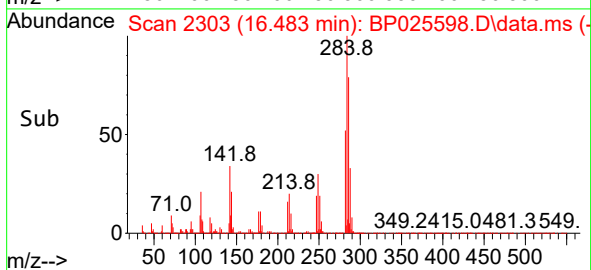
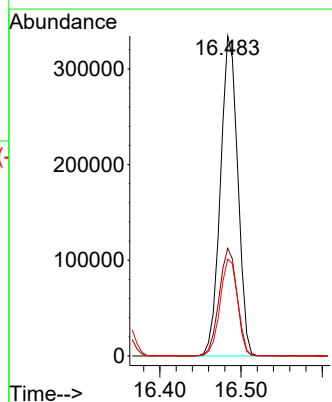
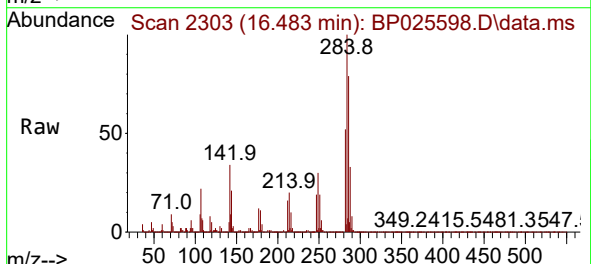
Instrument :
BNA_P
ClientSampleId :
PB169370BS

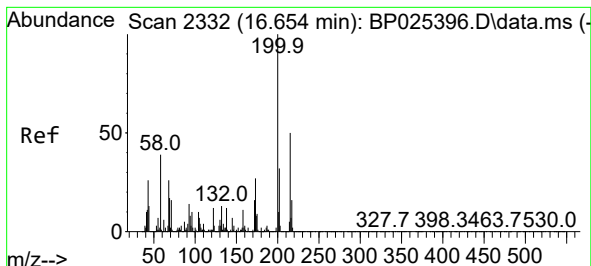
Tgt Ion:248 Resp: 422284
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.2
141 76.1 59.6 89.4



#68
Hexachlorobenzene
Concen: 45.538 ng
RT: 16.483 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:284 Resp: 495747
Ion Ratio Lower Upper
284 100
142 33.7 29.1 43.7
249 30.3 25.0 37.4





#69

Atrazine

Concen: 45.940 ng

RT: 16.642 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

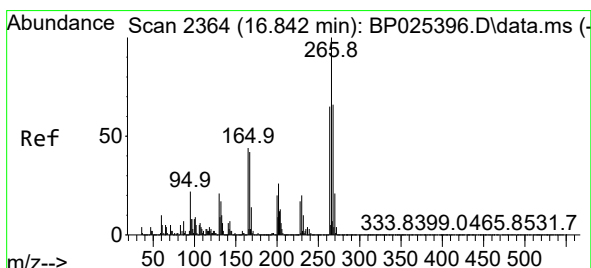
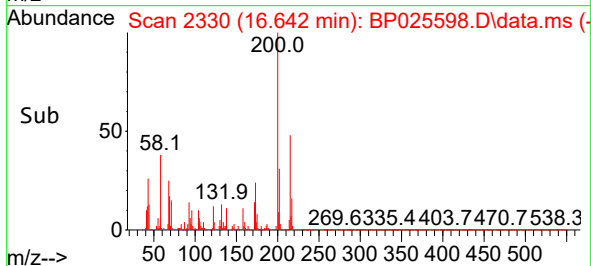
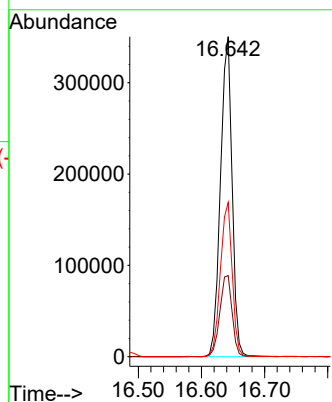
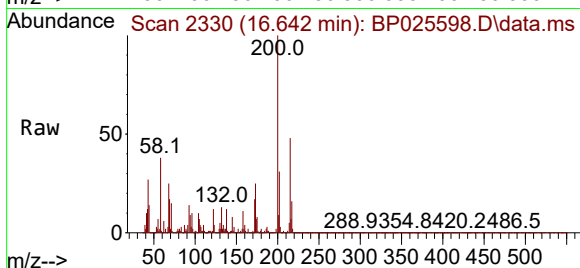
Tgt Ion:200 Resp: 447985

Ion Ratio Lower Upper

200 100

173 25.4 6.7 46.7

215 48.2 29.7 69.7



#70

Pentachlorophenol

Concen: 95.643 ng

RT: 16.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

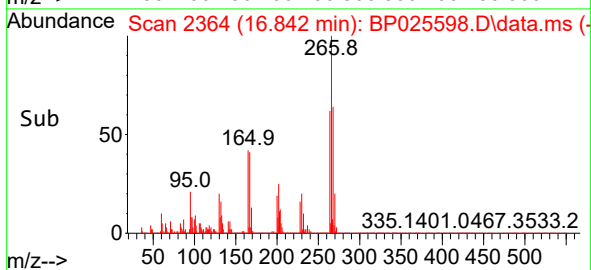
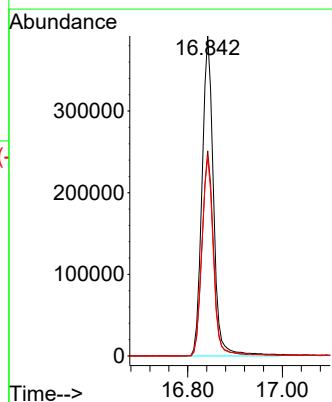
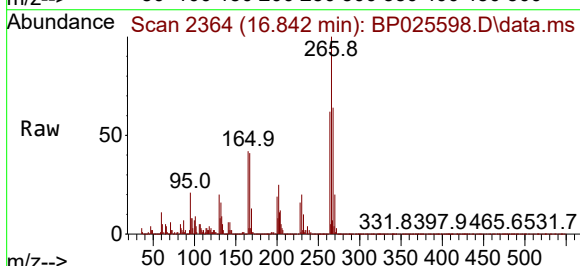
Tgt Ion:266 Resp: 657272

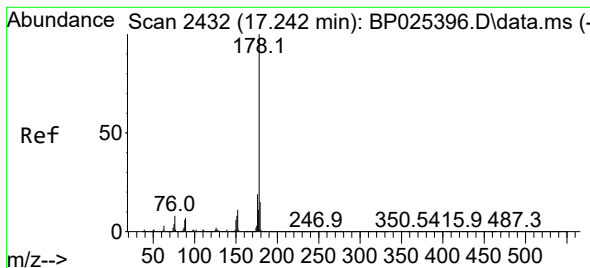
Ion Ratio Lower Upper

266 100

268 64.1 52.6 79.0

264 62.3 52.0 78.0





#71

Phenanthrene

Concen: 44.783 ng

RT: 17.236 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

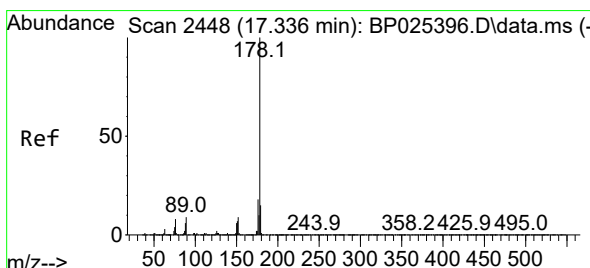
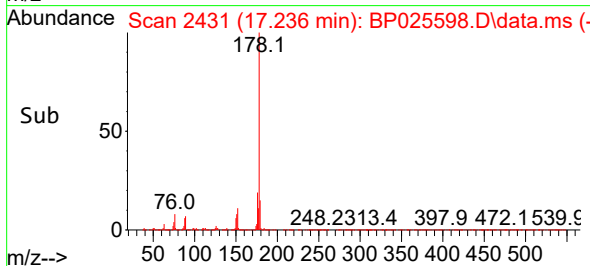
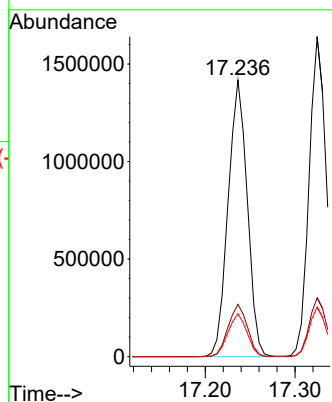
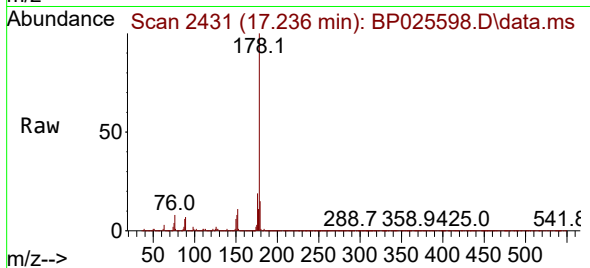
Tgt Ion:178 Resp: 2100644

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 15.5 12.2 18.4



#72

Anthracene

Concen: 45.493 ng

RT: 17.325 min Scan# 2446

Delta R.T. -0.012 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

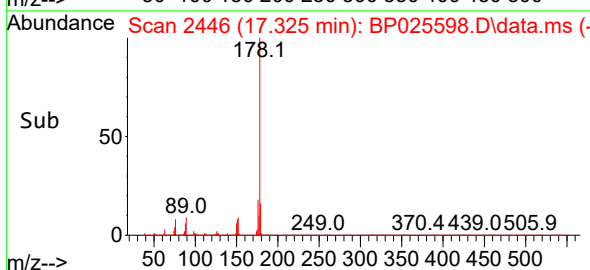
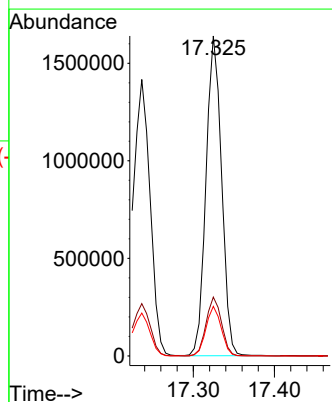
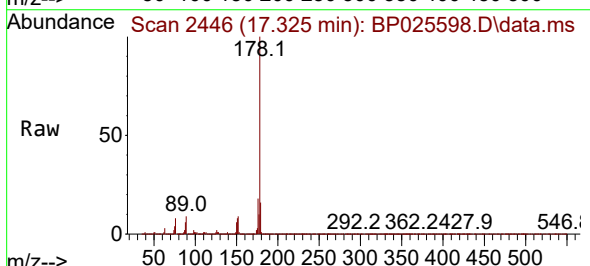
Tgt Ion:178 Resp: 2179229

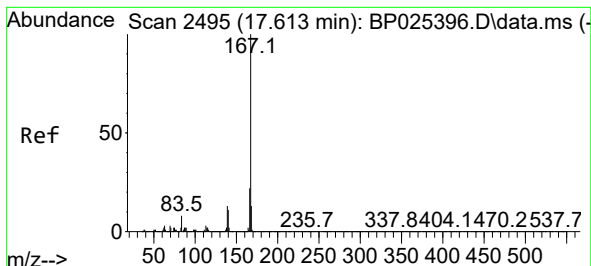
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.5 12.2 18.2





#73

Carbazole

Concen: 46.844 ng

RT: 17.613 min Scan# 2495

Delta R.T. 0.000 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

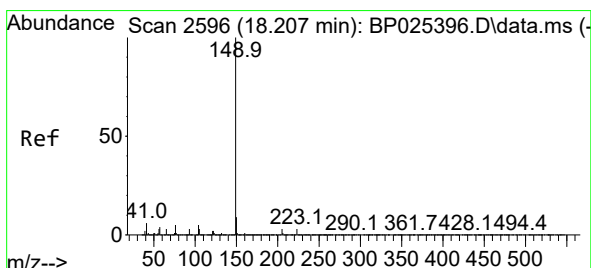
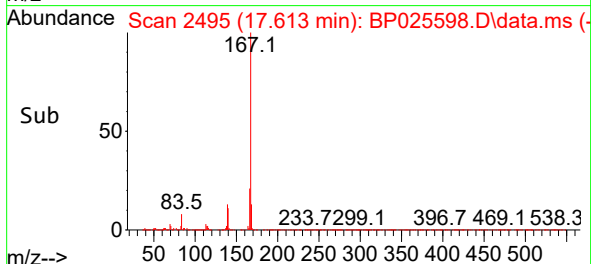
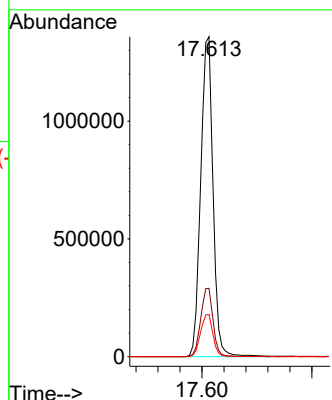
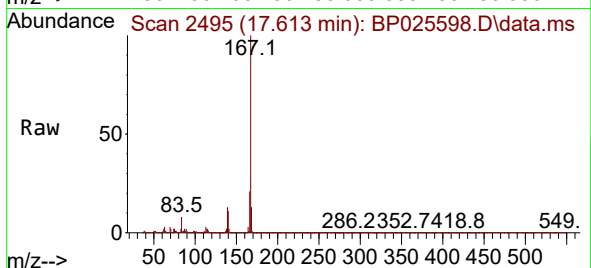
Tgt Ion:167 Resp: 2113591

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

139 13.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 47.980 ng

RT: 18.201 min Scan# 2595

Delta R.T. -0.006 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

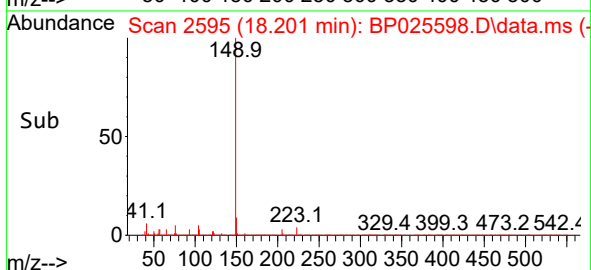
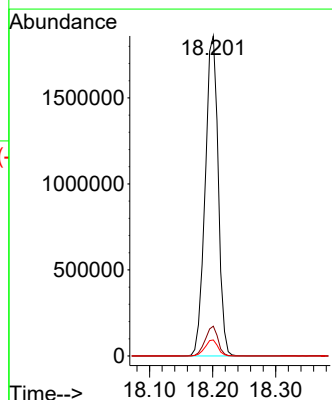
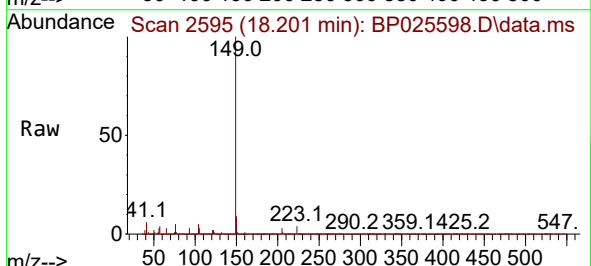
Tgt Ion:149 Resp: 2663481

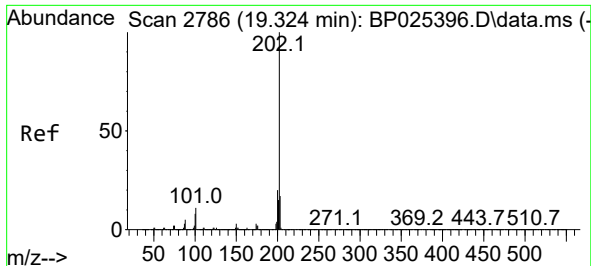
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.0 4.2 6.2

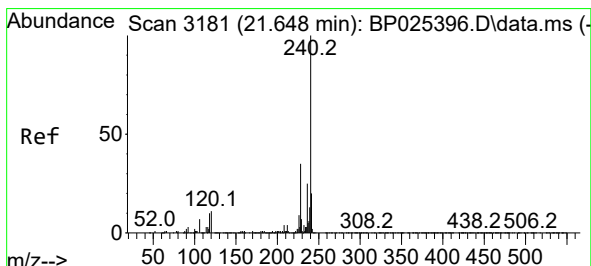
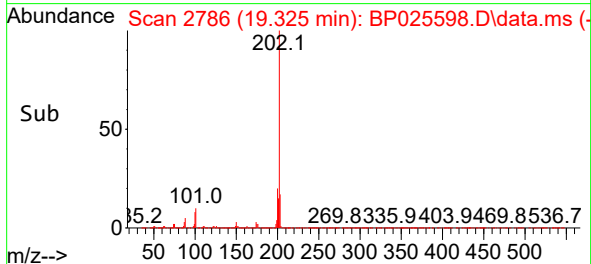
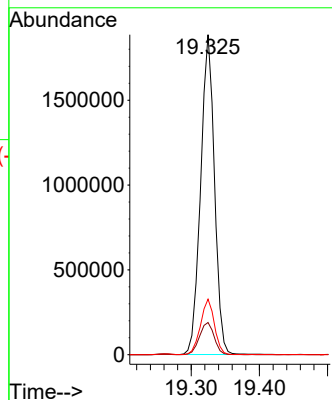
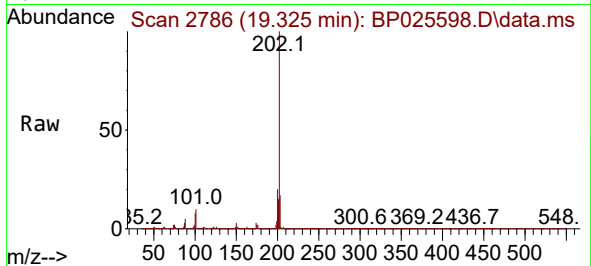




#75
Fluoranthene
Concen: 47.529 ng
RT: 19.325 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

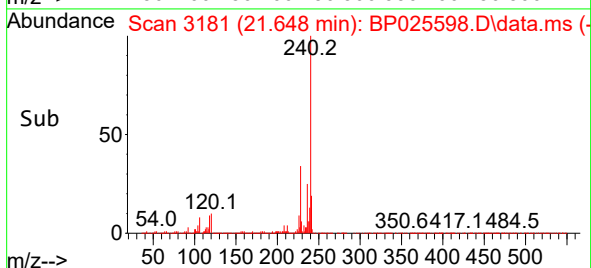
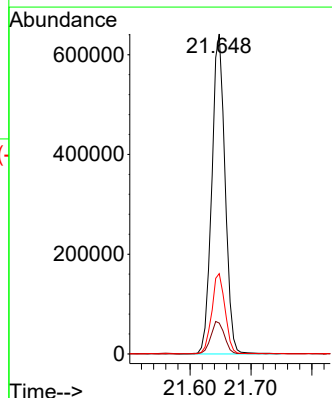
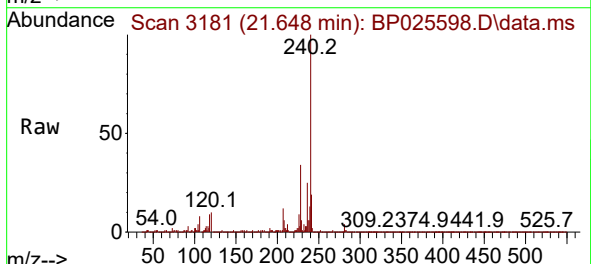
Instrument :
BNA_P
ClientSampleId :
PB169370BS

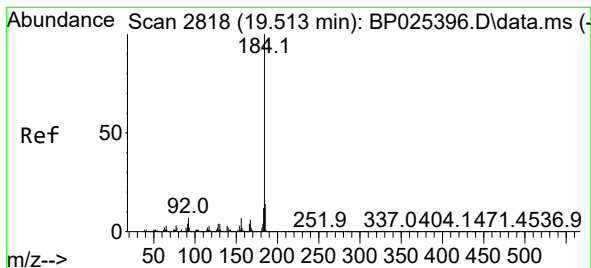
Tgt Ion:202 Resp: 2659369
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.1
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:240 Resp: 969472
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.1 19.8 29.8





#77

Benzidine

Concen: 30.194 ng

RT: 19.513 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

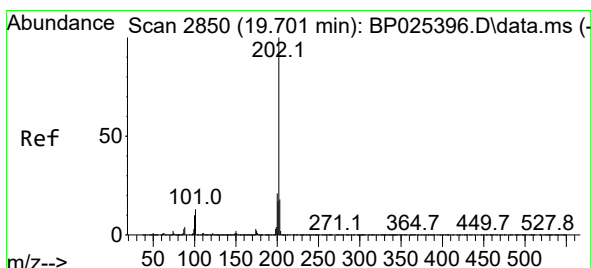
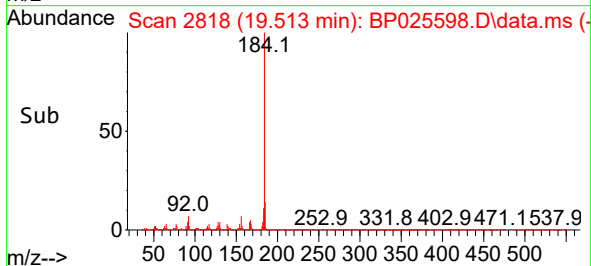
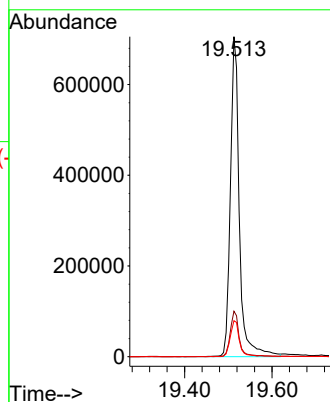
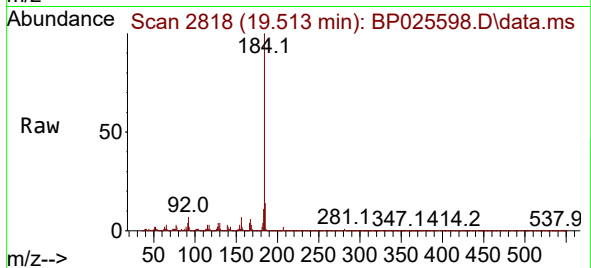
Tgt Ion:184 Resp: 999000

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.3 9.4 14.2



#78

Pyrene

Concen: 43.681 ng

RT: 19.701 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

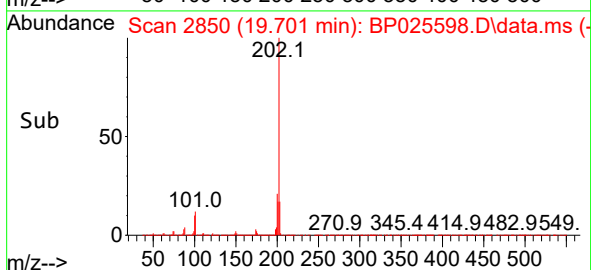
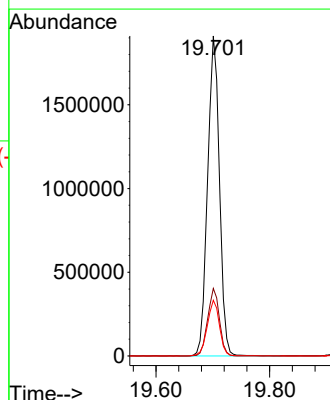
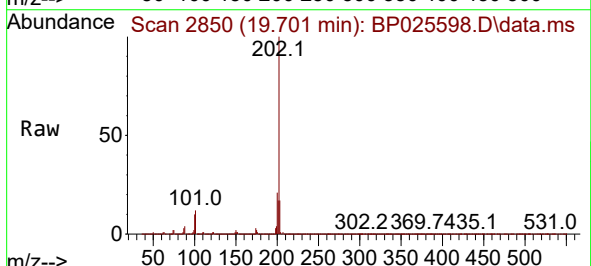
Tgt Ion:202 Resp: 2752492

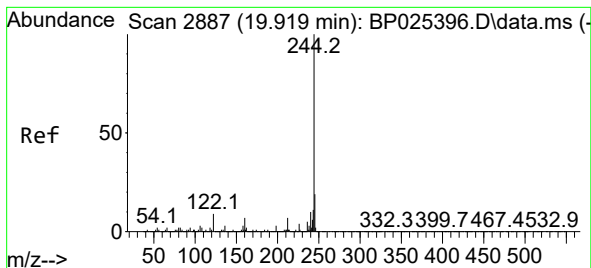
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 76.615 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

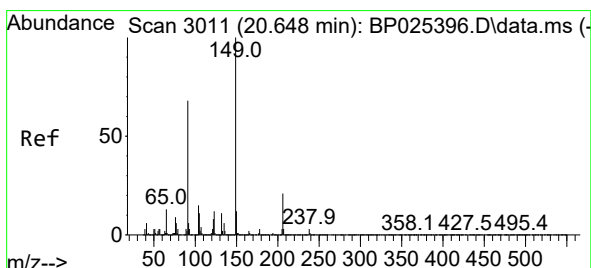
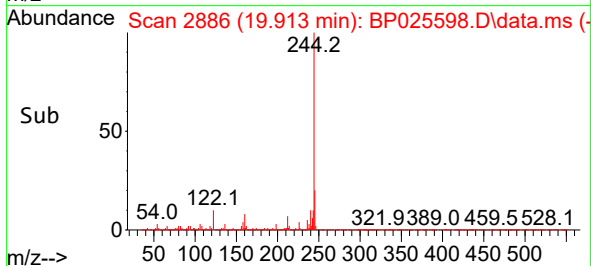
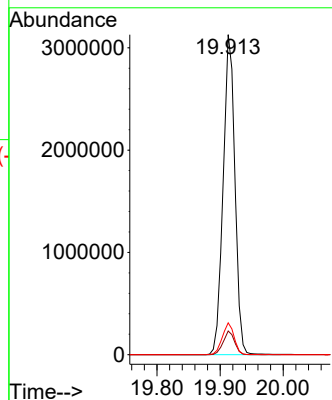
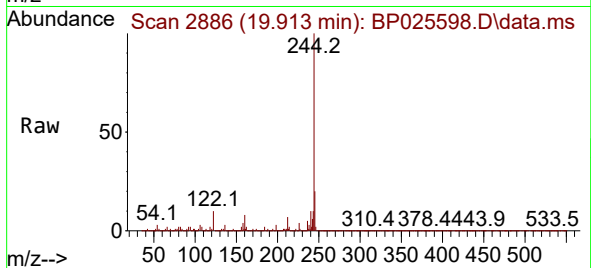
Tgt Ion:244 Resp: 4059745

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.9 7.4 11.2



#80

Butylbenzylphthalate

Concen: 47.241 ng

RT: 20.648 min Scan# 3011

Delta R.T. 0.000 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

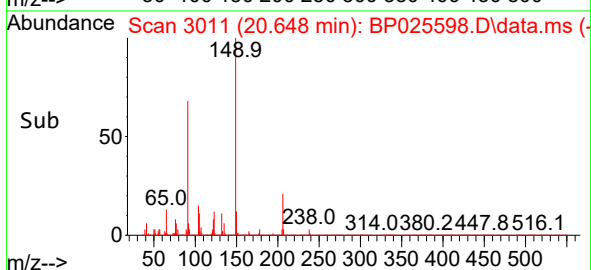
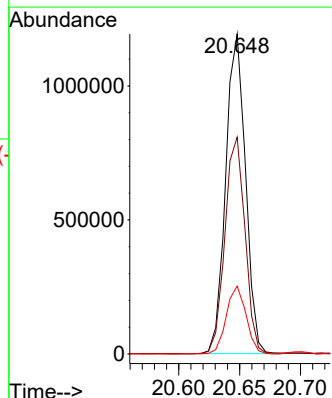
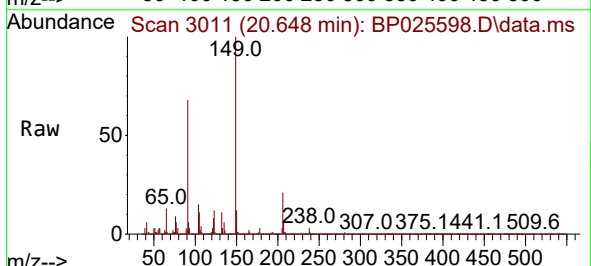
Tgt Ion:149 Resp: 1349125

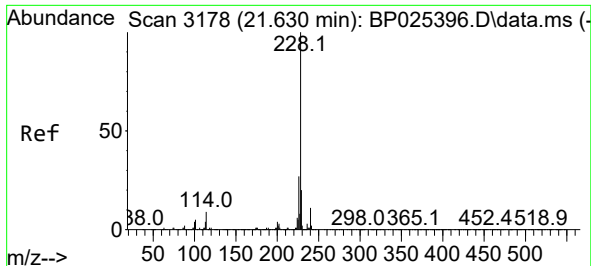
Ion Ratio Lower Upper

149 100

91 67.8 54.2 81.2

206 21.2 16.6 24.8

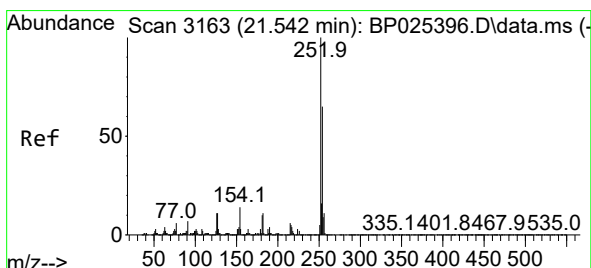
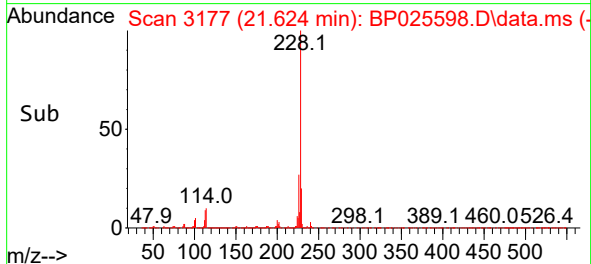
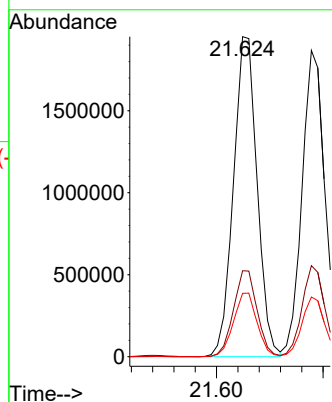
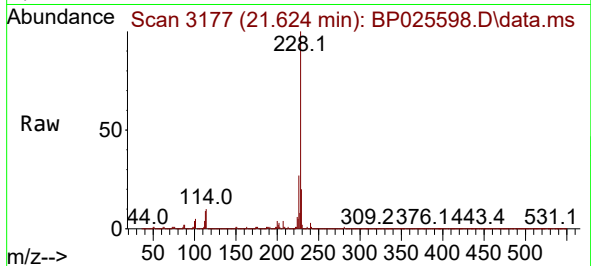




#81
Benzo(a)anthracene
Concen: 47.067 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

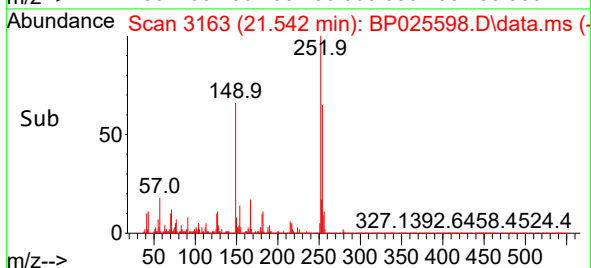
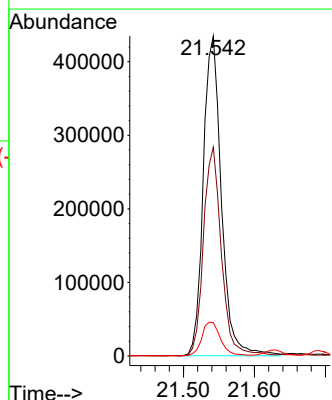
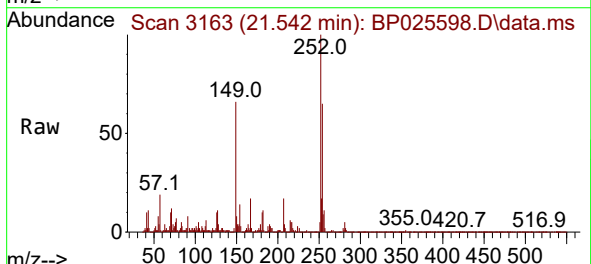
Instrument :
BNA_P
ClientSampleId :
PB169370BS

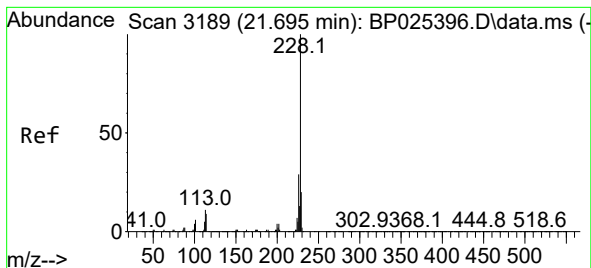
Tgt Ion:228 Resp: 3009321
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 32.063 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:252 Resp: 772708
Ion Ratio Lower Upper
252 100
254 65.2 51.8 77.6
126 10.4 9.1 13.7





#83

Chrysene

Concen: 46.581 ng

RT: 21.689 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

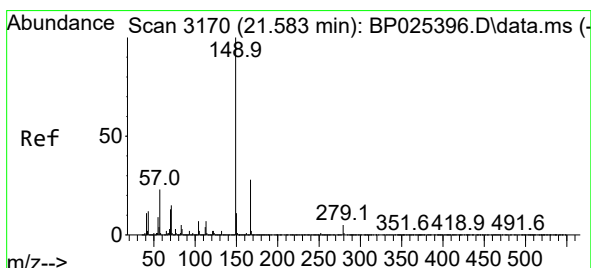
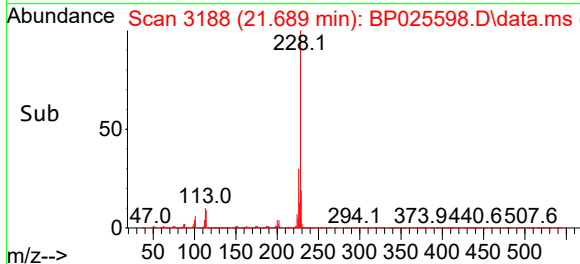
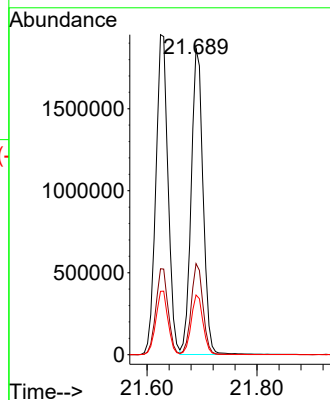
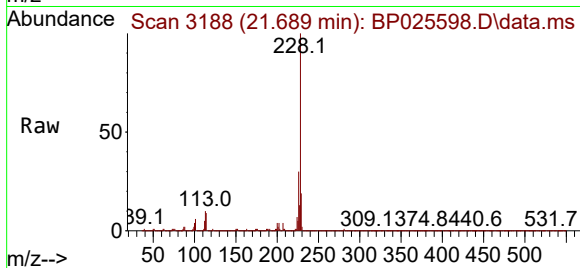
Tgt Ion:228 Resp: 2789151

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.980 ng

RT: 21.560 min Scan# 3166

Delta R.T. -0.023 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

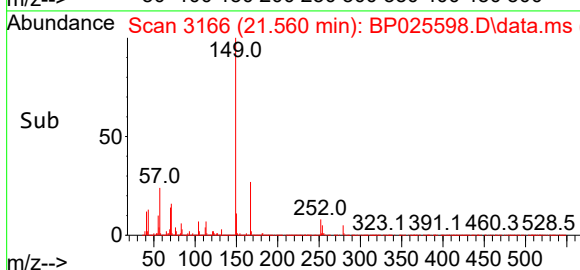
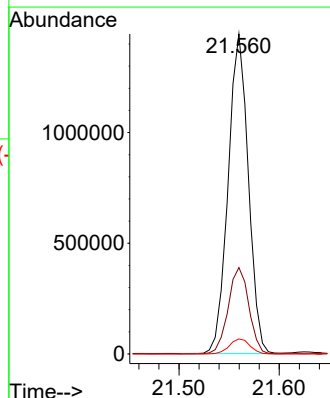
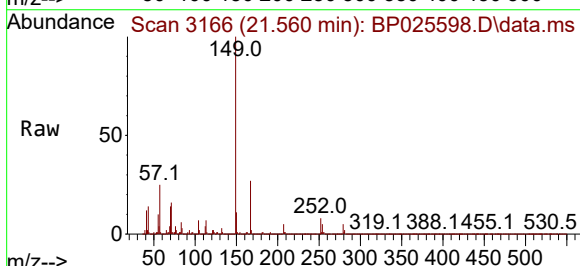
Tgt Ion:149 Resp: 2017022

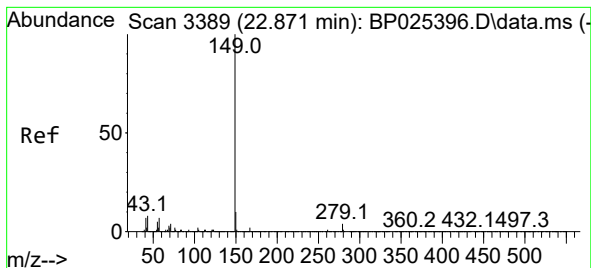
Ion Ratio Lower Upper

149 100

167 27.0 22.1 33.1

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 51.027 ng

RT: 22.848 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

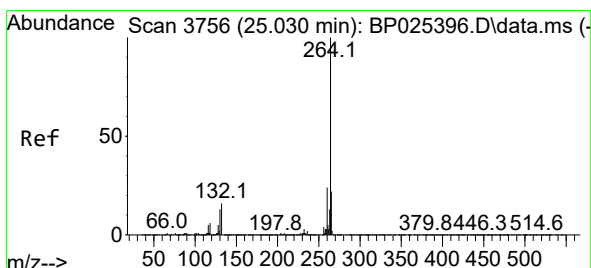
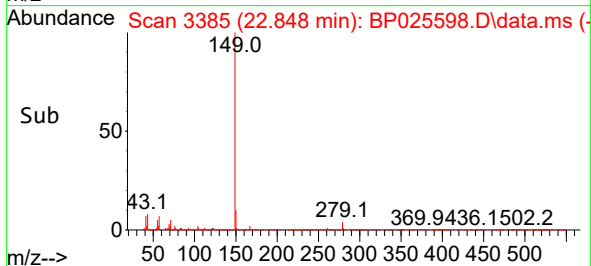
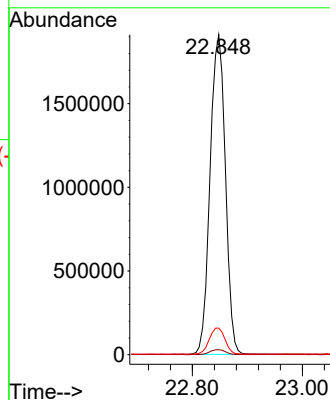
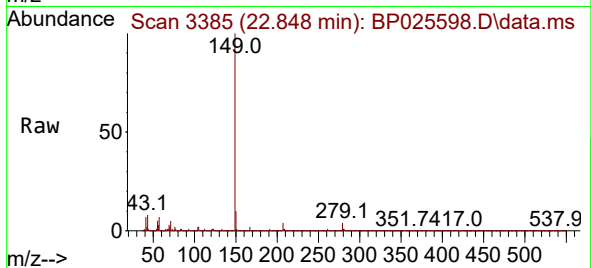
Tgt Ion:149 Resp: 3689681

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.018 min Scan# 3754

Delta R.T. -0.012 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

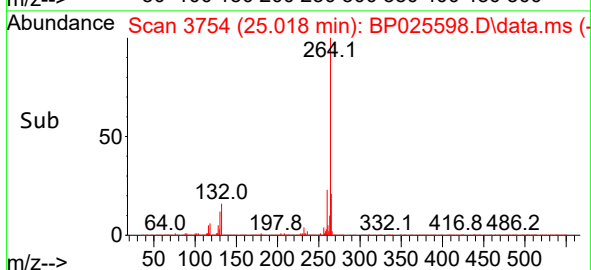
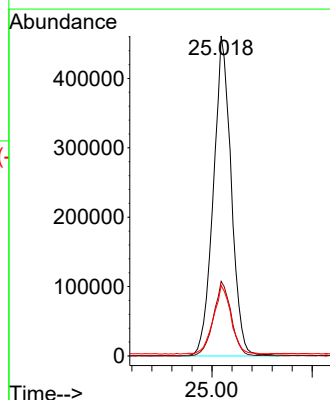
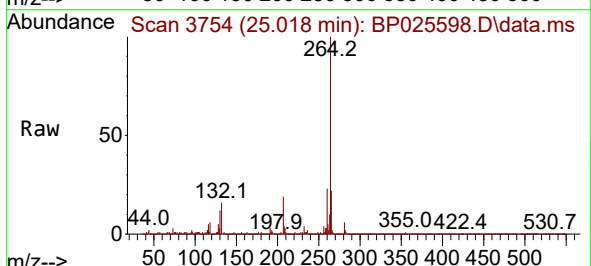
Tgt Ion:264 Resp: 1139124

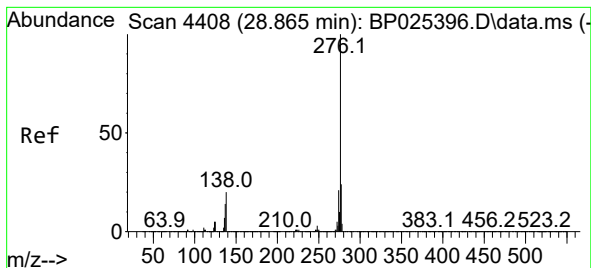
Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.594 ng

RT: 28.853 min Scan# 4408

Delta R.T. -0.012 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

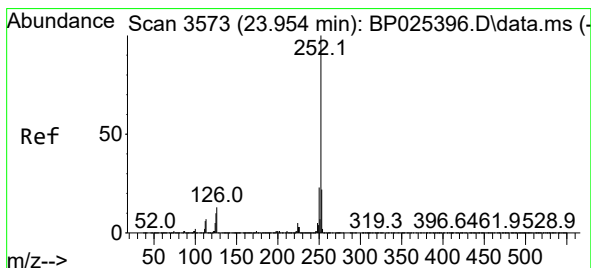
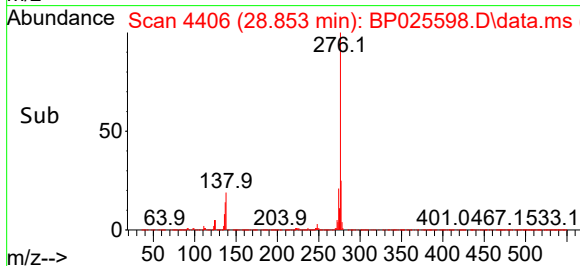
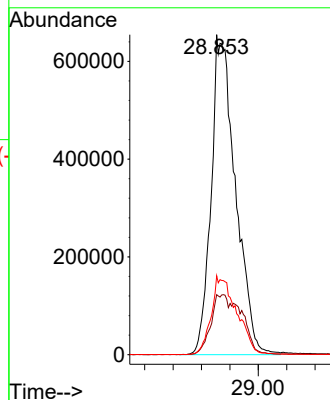
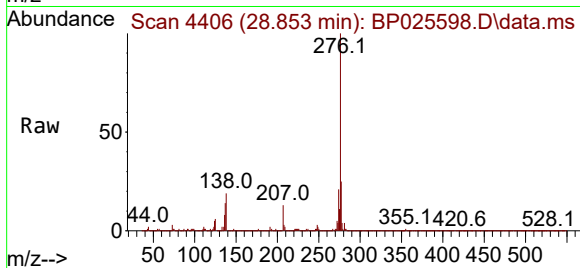
Tgt Ion:276 Resp: 3892421

Ion Ratio Lower Upper

276 100

138 7.7 12.9 19.3#

277 10.9 17.0 25.6#



#88

Benzo(b)fluoranthene

Concen: 47.324 ng

RT: 23.954 min Scan# 3573

Delta R.T. 0.000 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

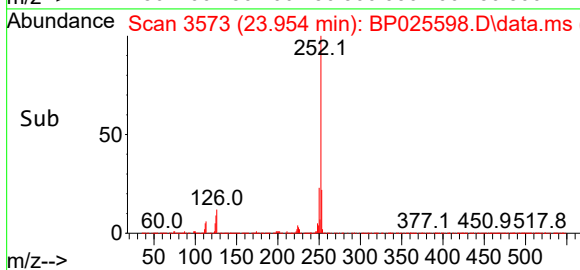
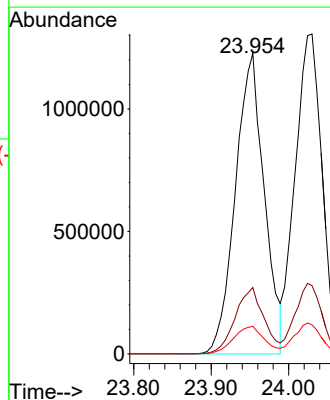
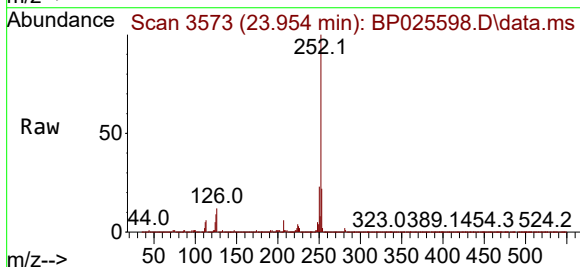
Tgt Ion:252 Resp: 3178801

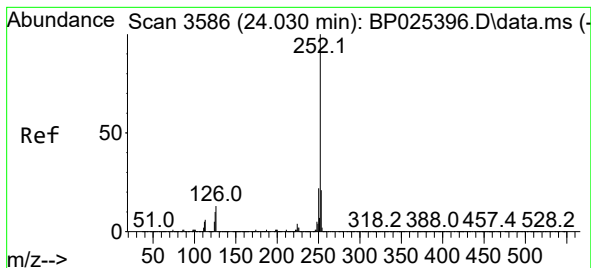
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.951 ng

RT: 24.030 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

Instrument :

BNA_P

ClientSampleId :

PB169370BS

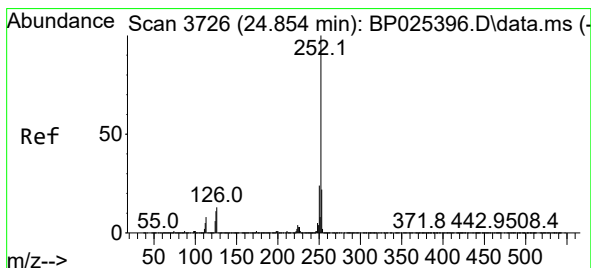
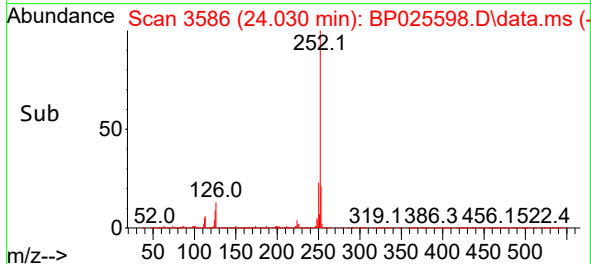
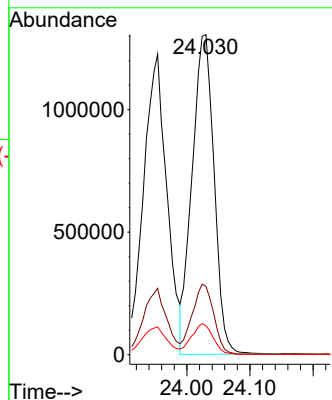
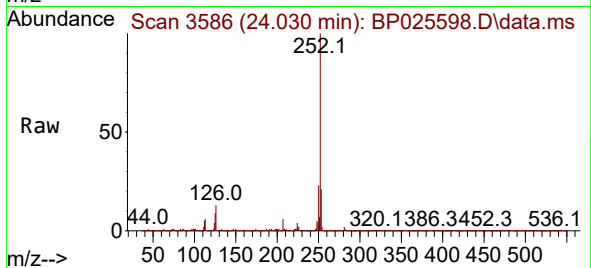
Tgt Ion:252 Resp: 3155896

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 9.1 7.8 11.6



#90

Benzo(a)pyrene

Concen: 46.640 ng

RT: 24.860 min Scan# 3727

Delta R.T. 0.006 min

Lab File: BP025598.D

Acq: 27 Aug 2025 11:01

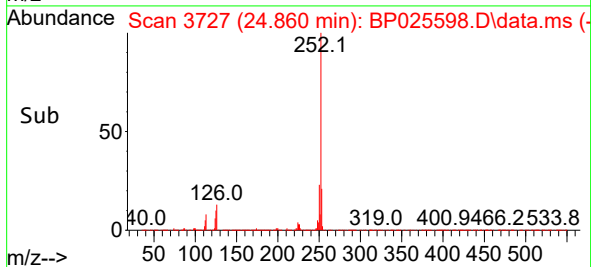
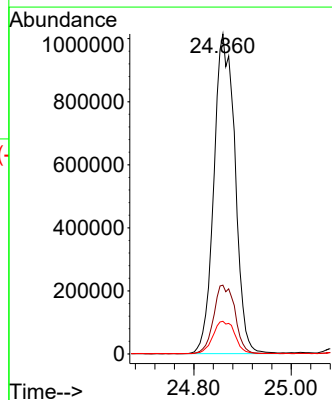
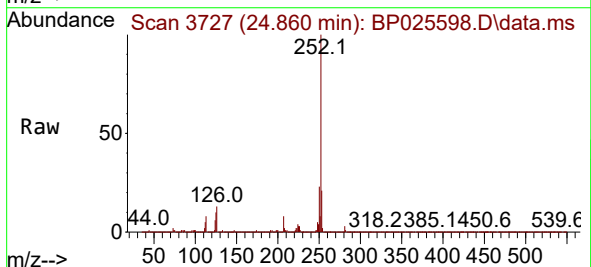
Tgt Ion:252 Resp: 3049595

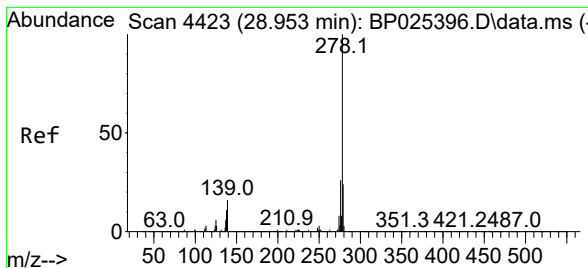
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 10.2 8.7 13.1

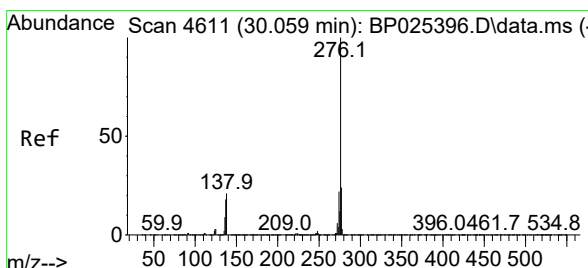
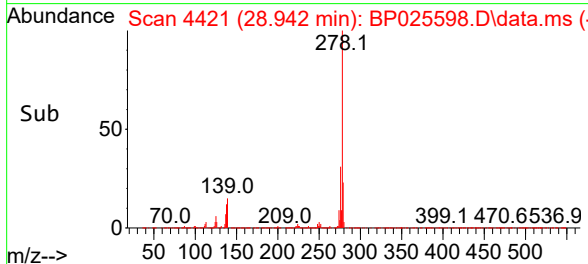
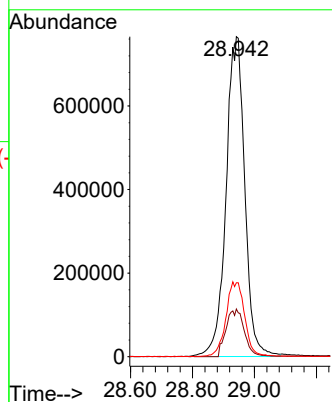
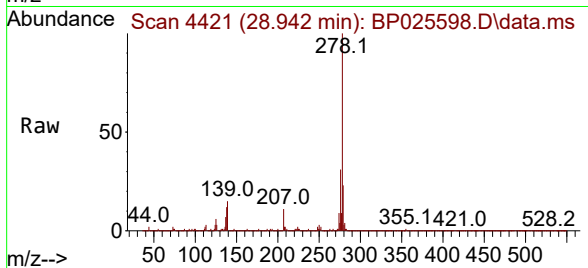




#91
Dibenzo(a,h)anthracene
Concen: 46.999 ng
RT: 28.942 min Scan# 4421
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:278 Resp: 3208547
Ion Ratio Lower Upper
278 100
139 14.9 13.0 19.4
279 23.1 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 46.983 ng
RT: 30.065 min Scan# 4612
Delta R.T. 0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:276 Resp: 3152886
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 20.1 16.7 25.1

