

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025440.D
 Acq On : 16 Aug 2025 01:13
 Operator : CG/JU
 Sample : PB169275BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169275BS

Quant Time: Aug 18 01:38:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	148044	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	580625	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	358574	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	675805	20.000	ng	0.00
76) Chrysene-d12	21.636	240	782158	20.000	ng	-0.01
86) Perylene-d12	24.995	264	908232	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1024331	114.905	ng	0.00
7) Phenol-d6	6.966	99	1276933	111.725	ng	0.00
23) Nitrobenzene-d5	8.931	82	825841	71.949	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	519140	107.562	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1852023	70.589	ng	0.00
79) Terphenyl-d14	19.925	244	2932093	68.586	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.325	88	111519	31.937	ng	99
3) Pyridine	3.725	79	309486	32.382	ng	96
4) n-Nitrosodimethylamine	3.625	42	160074	40.626	ng	90
6) Aniline	7.119	93	447538	29.063	ng	97
8) 2-Chlorophenol	7.360	128	402571	40.018	ng	99
9) Benzaldehyde	6.937	77	192085	23.988	ng	97
10) Phenol	6.990	94	479159	39.954	ng	96
11) bis(2-Chloroethyl)ether	7.213	93	350665	37.514	ng	98
12) 1,3-Dichlorobenzene	7.678	146	424285	38.250	ng	98
13) 1,4-Dichlorobenzene	7.825	146	429008	37.839	ng	98
14) 1,2-Dichlorobenzene	8.137	146	408187	37.192	ng	99
15) Benzyl Alcohol	8.019	79	341557	37.611	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.307	45	481340	38.440	ng	98
17) 2-Methylphenol	8.225	107	324461	38.954	ng	99
18) Hexachloroethane	8.860	117	161126	38.652	ng	99
19) n-Nitroso-di-n-propyla...	8.584	70	261796	34.581	ng	96
20) 3+4-Methylphenols	8.543	107	434147	37.603	ng	99
22) Acetophenone	8.596	105	560498	38.493	ng	# 97
24) Nitrobenzene	8.972	77	411470	40.112	ng	99
25) Isophorone	9.496	82	736234	36.244	ng	99
26) 2-Nitrophenol	9.672	139	203514	38.658	ng	96
27) 2,4-Dimethylphenol	9.737	122	362331	40.021	ng	99
28) bis(2-Chloroethoxy)met...	9.966	93	460615	37.513	ng	97
29) 2,4-Dichlorophenol	10.207	162	368265	40.947	ng	99
30) 1,2,4-Trichlorobenzene	10.419	180	382255	38.772	ng	96
31) Naphthalene	10.607	128	1154178	38.245	ng	99
32) Benzoic acid	9.860	122	254526	38.080	ng	96
33) 4-Chloroaniline	10.707	127	287154	21.541	ng	98
34) Hexachlorobutadiene	10.896	225	235114	38.293	ng	97
35) Caprolactam	11.484	113	118360	35.891	ng	94
36) 4-Chloro-3-methylphenol	11.831	107	401250	38.881	ng	96
37) 2-Methylnaphthalene	12.213	142	735380	37.445	ng	99
38) 1-Methylnaphthalene	12.431	142	756958	36.243	ng	100
40) 1,2,4,5-Tetrachloroben...	12.584	216	412119	39.795	ng	98
41) Hexachlorocyclopentadiene	12.566	237	453436	72.487	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	286973	41.046	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	316553	41.312	ng	97
46) 1,1'-Biphenyl	13.225	154	1038303	39.871	ng	100
47) 2-Chloronaphthalene	13.266	162	798368	39.380	ng	100
48) 2-Nitroaniline	13.466	65	242905	41.121	ng	96
49) Acenaphthylene	14.125	152	1312312	39.119	ng	100
50) Dimethylphthalate	13.848	163	998504	38.027	ng	99
51) 2,6-Dinitrotoluene	13.966	165	221290	39.984	ng	98
52) Acenaphthene	14.466	154	781441	39.685	ng	99
53) 3-Nitroaniline	14.290	138	172254	27.664	ng	94
54) 2,4-Dinitrophenol	14.501	184	201749	68.261	ng	95
55) Dibenzofuran	14.807	168	1200726	38.569	ng	98
56) 4-Nitrophenol	14.613	139	414800	81.067	ng	94
57) 2,4-Dinitrotoluene	14.760	165	318473	40.332	ng	99
58) Fluorene	15.466	166	926864	37.731	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.037	232	268117	39.628	ng	98
60) Diethylphthalate	15.237	149	1005774	37.696	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	455728	37.302	ng	98
62) 4-Nitroaniline	15.478	138	226098	35.419	ng	94
63) Azobenzene	15.760	77	901060	39.441	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	145391	34.513	ng	95
66) n-Nitrosodiphenylamine	15.678	169	837361	40.633	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	297875	40.077	ng	93
68) Hexachlorobenzene	16.495	284	343286	39.843	ng	99
69) Atrazine	16.648	200	308033	39.912	ng	97
70) Pentachlorophenol	16.842	266	464522	85.409	ng	98
71) Phenanthrene	17.242	178	1487597	40.071	ng	99
72) Anthracene	17.336	178	1562142	41.205	ng	99
73) Carbazole	17.613	167	1487469	41.655	ng	99
74) Di-n-butylphthalate	18.213	149	1713786	39.008	ng	99
75) Fluoranthene	19.325	202	1857132	41.938	ng	99
77) Benzidine	19.513	184	1155068	43.272	ng	99
78) Pyrene	19.701	202	1964133	38.635	ng	99
80) Butylbenzylphthalate	20.648	149	908498	39.431	ng	99
81) Benzo(a)anthracene	21.613	228	2109915	40.903	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	648008	33.328	ng	100
83) Chrysene	21.677	228	1999016	41.381	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1346772	39.708	ng	100
85) Di-n-octyl phthalate	22.848	149	2392459	41.010	ng	98
87) Indeno(1,2,3-cd)pyrene	28.812	276	2753599	41.342	ng	98
88) Benzo(b)fluoranthene	23.948	252	2179936	40.704	ng	99
89) Benzo(k)fluoranthene	24.013	252	2191943	40.900	ng	99
90) Benzo(a)pyrene	24.842	252	2111811	40.509	ng	99
91) Dibenzo(a,h)anthracene	28.895	278	2223171	40.844	ng	100
92) Benzo(g,h,i)perylene	30.006	276	2209159	41.289	ng	99

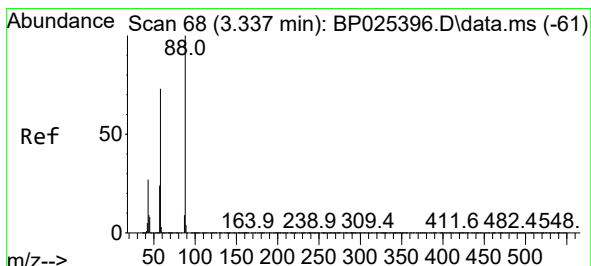
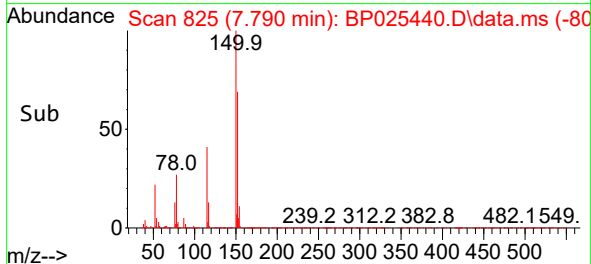
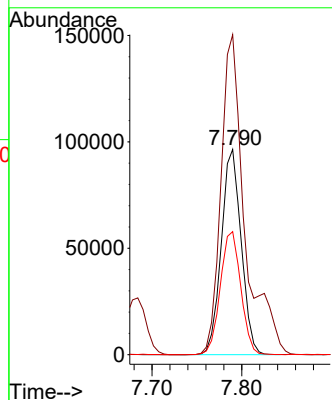
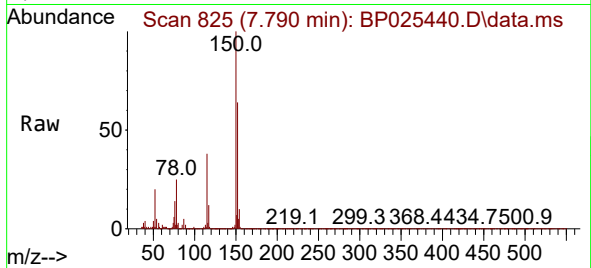
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025440.D
 Acq: 16 Aug 2025 01:13

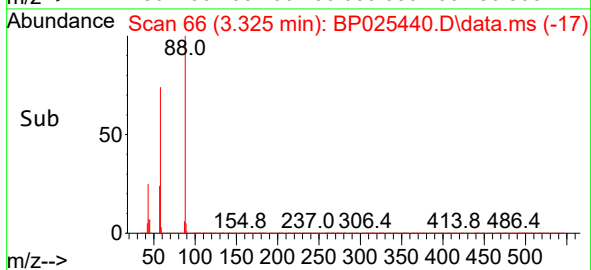
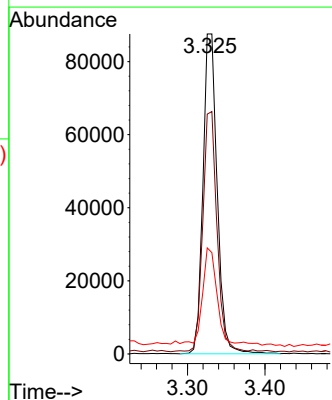
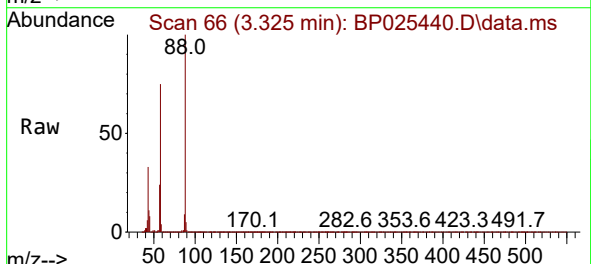
Instrument :
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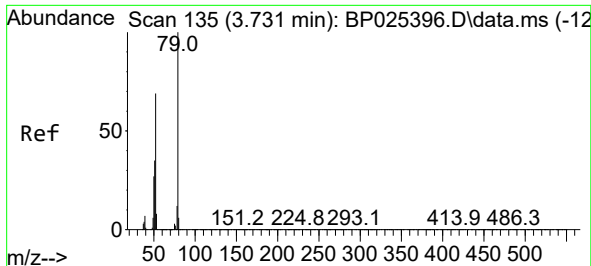
Tgt Ion:152 Resp: 148044
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.9 188.9
 115 60.0 48.5 72.7



#2
 1,4-Dioxane
 Concen: 31.937 ng
 RT: 3.325 min Scan# 66
 Delta R.T. -0.012 min
 Lab File: BP025440.D
 Acq: 16 Aug 2025 01:13

Tgt Ion: 88 Resp: 111519
 Ion Ratio Lower Upper
 88 100
 58 74.8 59.2 88.8
 43 28.3 21.7 32.5

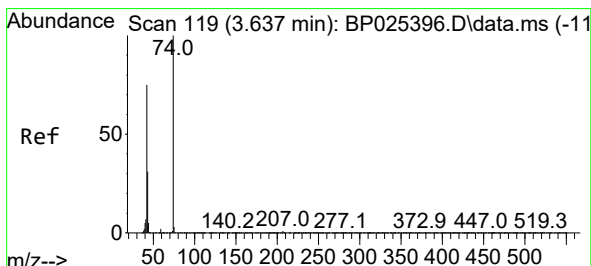
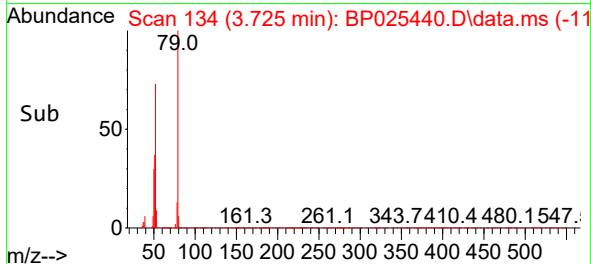
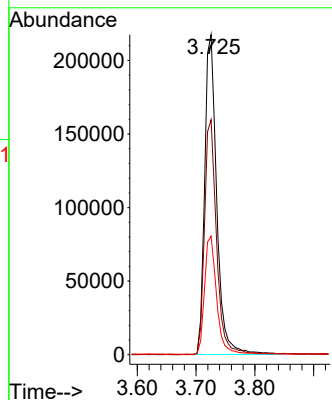
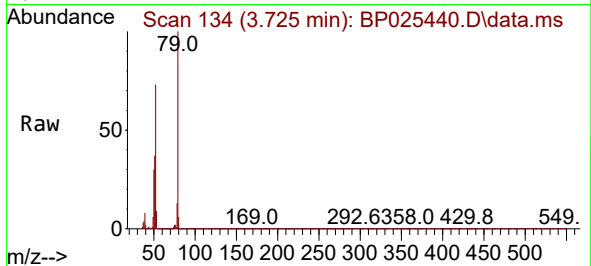




#3
 Pyridine
 Concen: 32.382 ng
 RT: 3.725 min Scan# 117
 Delta R.T. -0.006 min
 Lab File: BP025440.D
 Acq: 16 Aug 2025 01:13

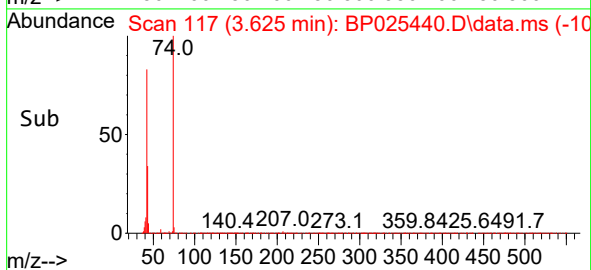
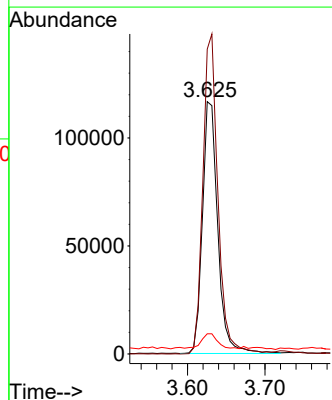
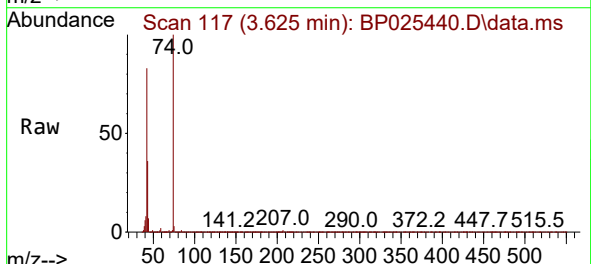
Instrument :
 BNA_P
 ClientSampleId :
 PB169275BS

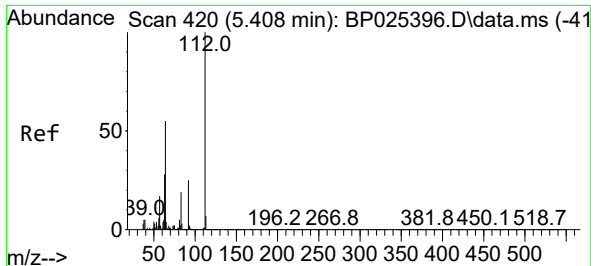
Tgt Ion: 79 Resp: 309486
 Ion Ratio Lower Upper
 79 100
 52 73.5 55.5 83.3
 51 37.1 28.3 42.5



#4
 n-Nitrosodimethylamine
 Concen: 40.626 ng
 RT: 3.625 min Scan# 117
 Delta R.T. -0.012 min
 Lab File: BP025440.D
 Acq: 16 Aug 2025 01:13

Tgt Ion: 42 Resp: 160074
 Ion Ratio Lower Upper
 42 100
 74 120.8 107.0 160.4
 44 8.0 6.2 9.4

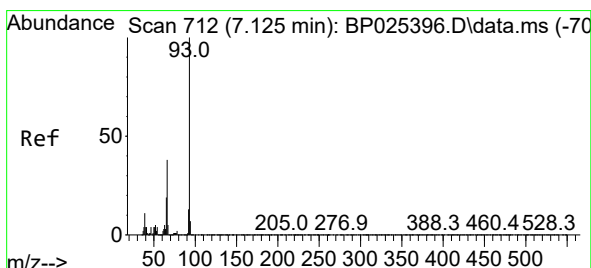
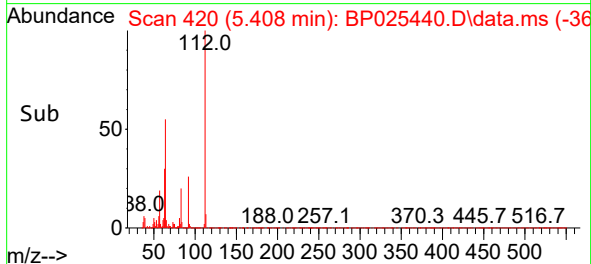
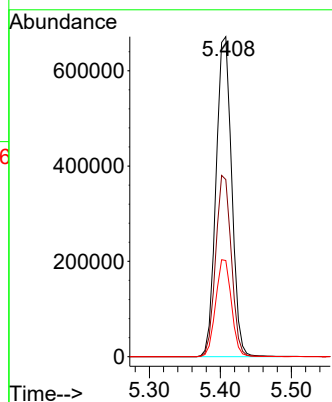
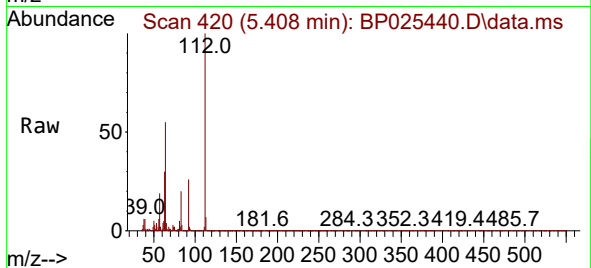




#5
2-Fluorophenol
Concen: 114.905 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

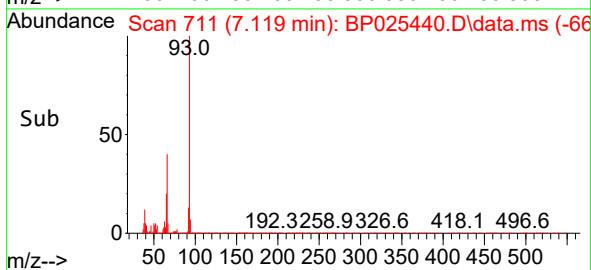
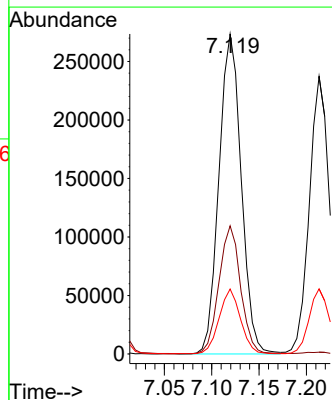
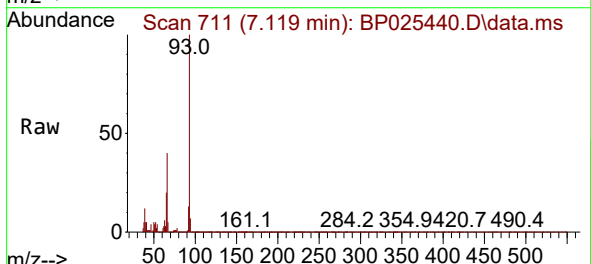
Instrument :
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ClientSampleId :
PB169275BS

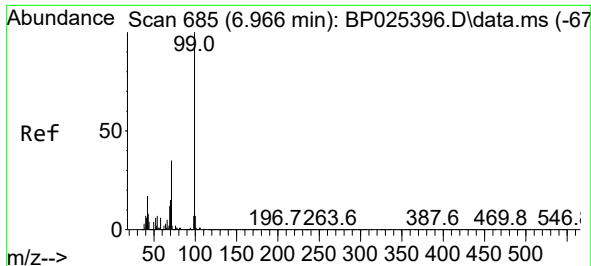
Tgt Ion:112 Resp: 1024331
Ion Ratio Lower Upper
112 100
64 55.3 43.8 65.8
63 30.1 22.7 34.1



#6
Aniline
Concen: 29.063 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion: 93 Resp: 447538
Ion Ratio Lower Upper
93 100
66 40.1 30.4 45.6
65 20.3 15.3 22.9

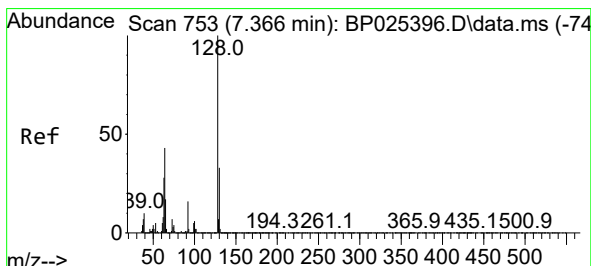
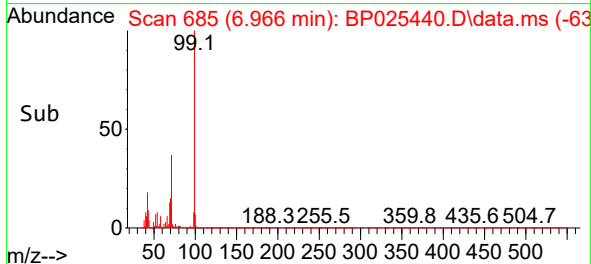
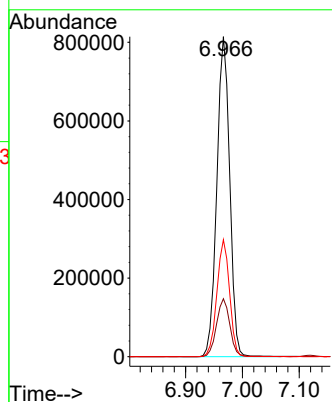
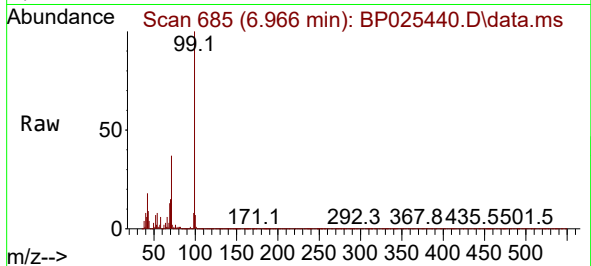




#7
Phenol-d6
Concen: 111.725 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

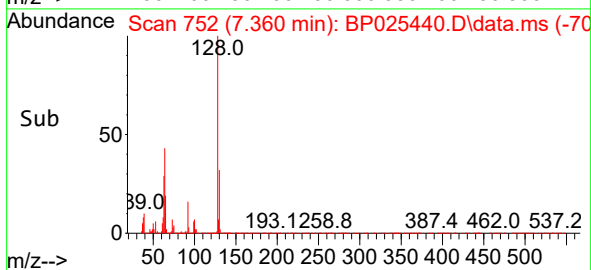
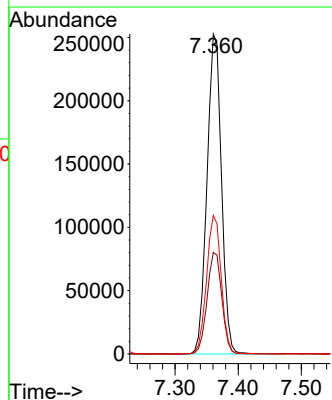
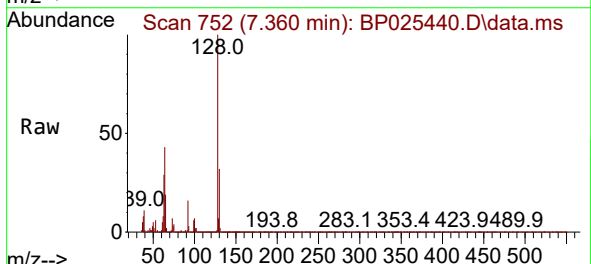
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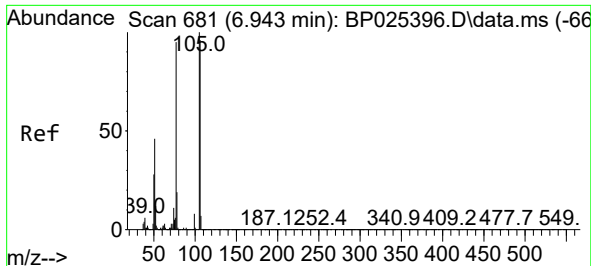
Tgt Ion: 99 Resp: 1276933
Ion Ratio Lower Upper
99 100
42 18.1 13.7 20.5
71 36.5 28.2 42.4



#8
2-Chlorophenol
Concen: 40.018 ng
RT: 7.360 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:128 Resp: 402571
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 43.3 23.4 63.4

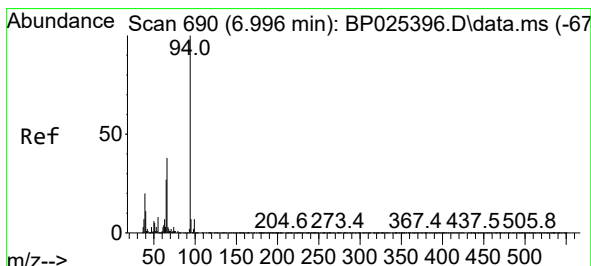
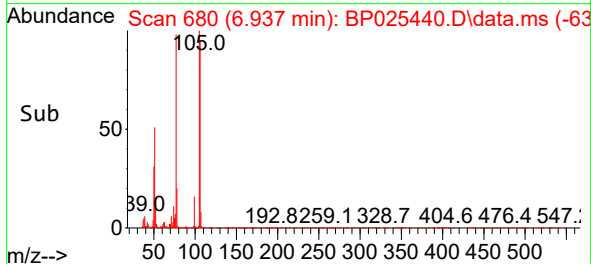
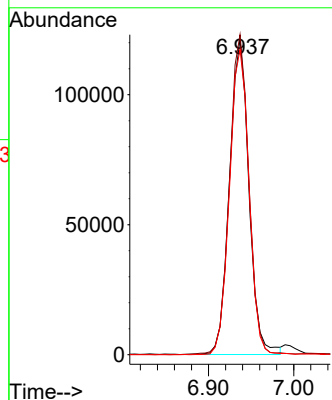
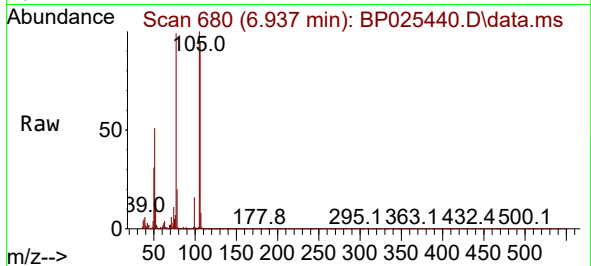




#9
Benzaldehyde
Concen: 23.988 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

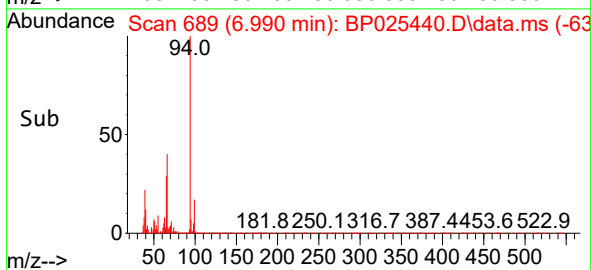
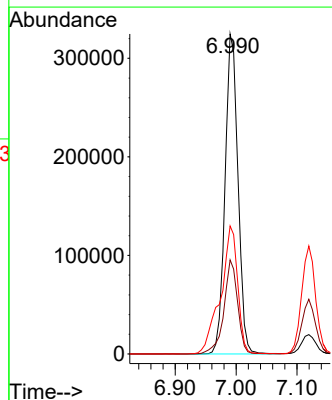
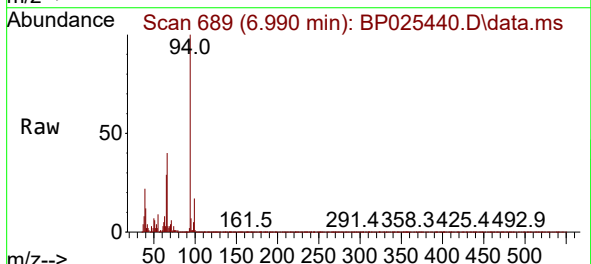
Instrument :
BNA_P
ClientSampleId :
PB169275BS

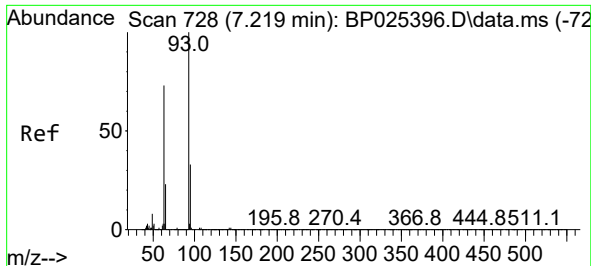
Tgt Ion: 77 Resp: 192085
Ion Ratio Lower Upper
77 100
105 101.5 84.8 124.8
106 96.8 80.5 120.5



#10
Phenol
Concen: 39.954 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion: 94 Resp: 479159
Ion Ratio Lower Upper
94 100
65 29.4 6.8 46.8
66 40.0 18.2 58.2

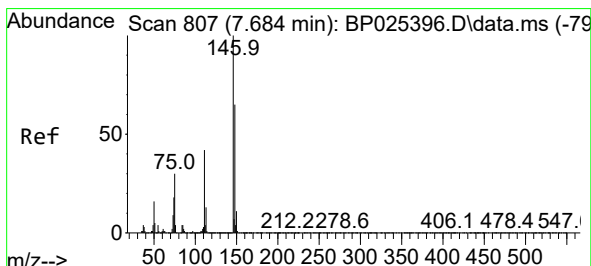
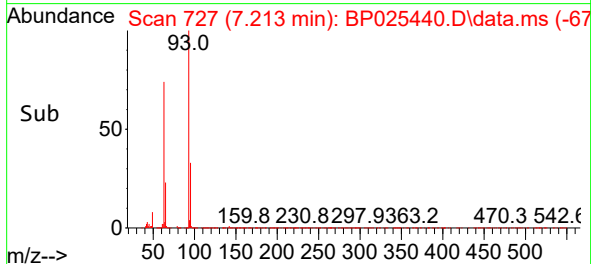
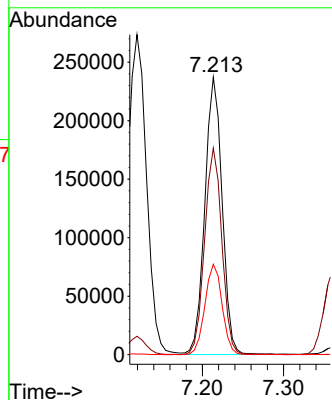
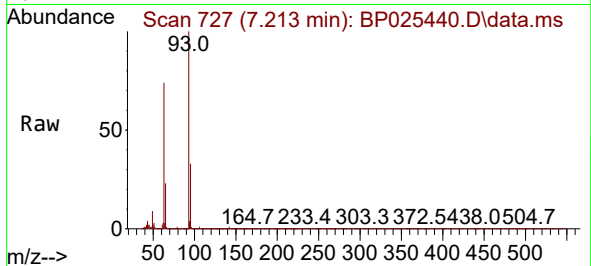




#11
bis(2-Chloroethyl)ether
Concen: 37.514 ng
RT: 7.213 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

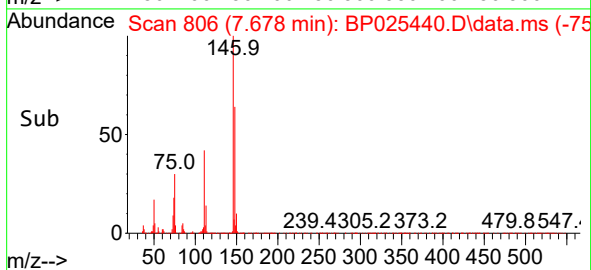
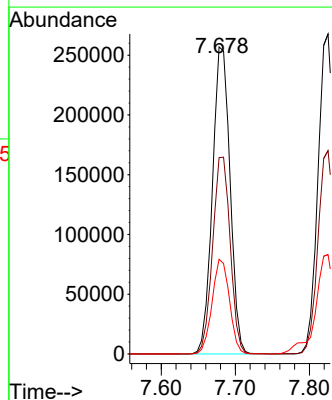
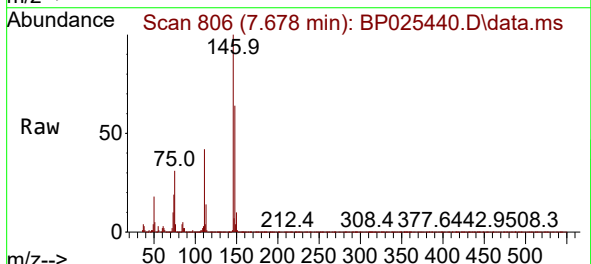
Instrument :
BNA_P
ClientSampleId :
PB169275BS

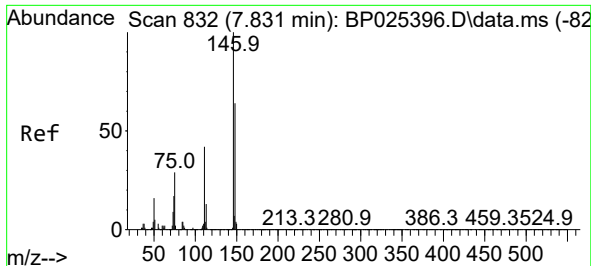
Tgt Ion: 93 Resp: 350665
Ion Ratio Lower Upper
93 100
63 74.4 52.6 92.6
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.250 ng
RT: 7.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion: 146 Resp: 424285
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 30.9 23.7 35.5

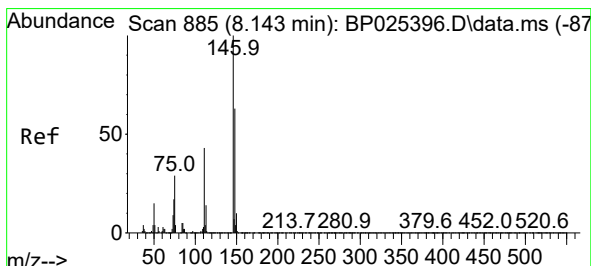
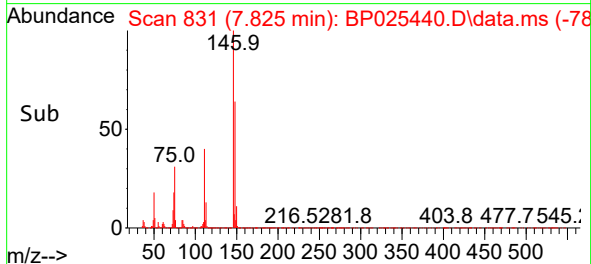
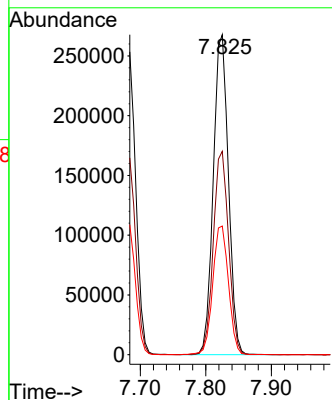
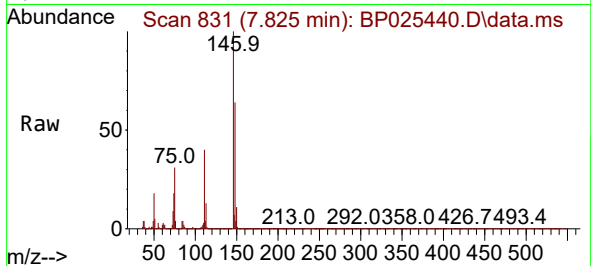




#13
1,4-Dichlorobenzene
Concen: 37.839 ng
RT: 7.825 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

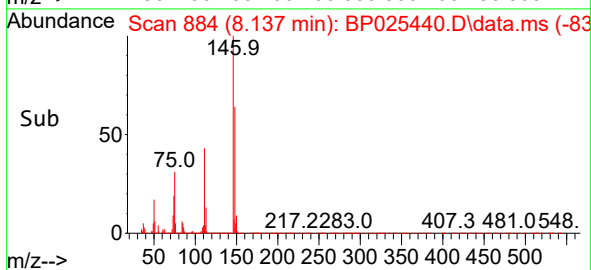
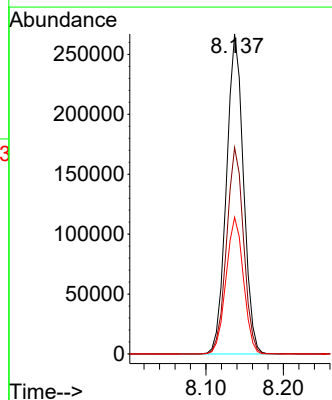
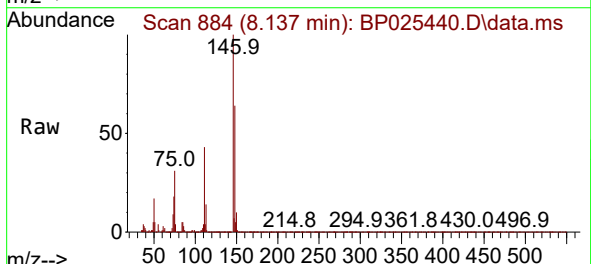
Instrument :
BNA_P
ClientSampleId :
PB169275BS

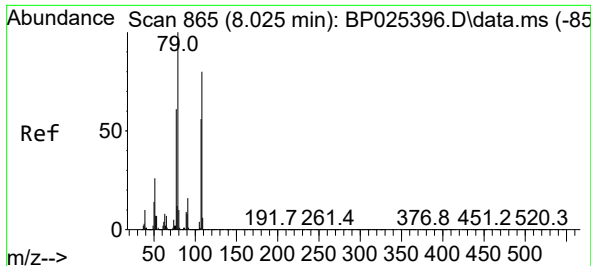
Tgt Ion:146 Resp: 429008
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 40.2 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 37.192 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:146 Resp: 408187
Ion Ratio Lower Upper
146 100
148 64.5 50.4 75.6
111 42.7 34.5 51.7

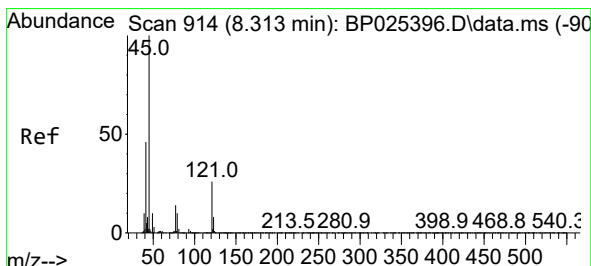
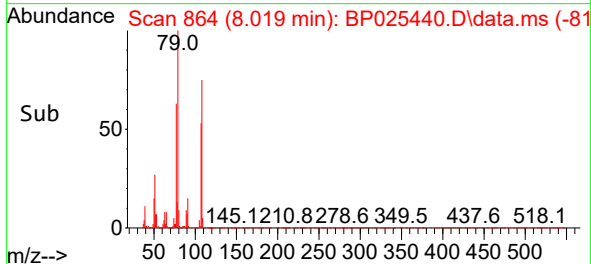
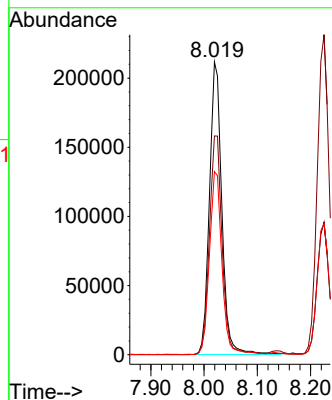
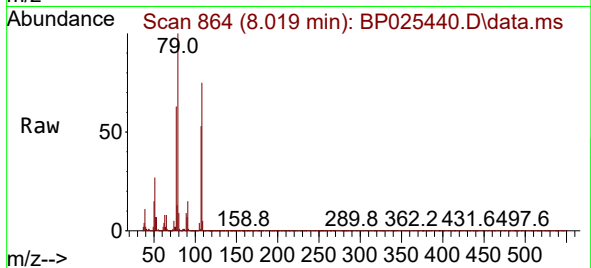




#15
Benzyl Alcohol
Concen: 37.611 ng
RT: 8.019 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

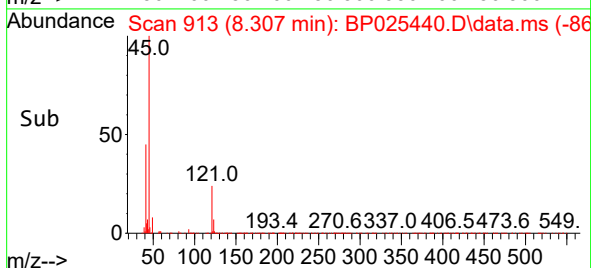
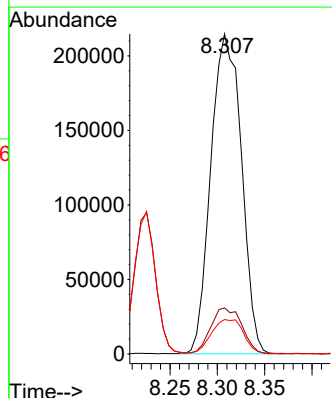
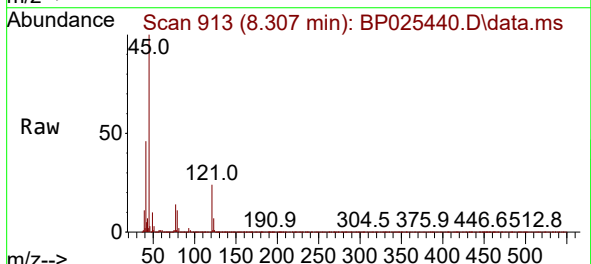
Instrument :
BNA_P
ClientSampleId :
PB169275BS

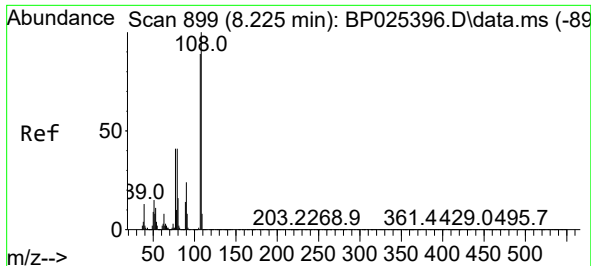
Tgt Ion: 79 Resp: 341557
Ion Ratio Lower Upper
79 100
108 74.7 63.8 95.6
77 62.5 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.440 ng
RT: 8.307 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion: 45 Resp: 481340
Ion Ratio Lower Upper
45 100
77 14.4 0.0 35.3
79 10.7 0.0 31.8

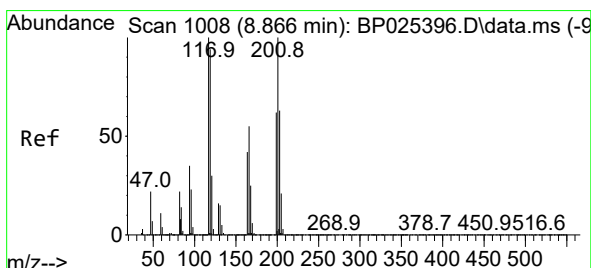
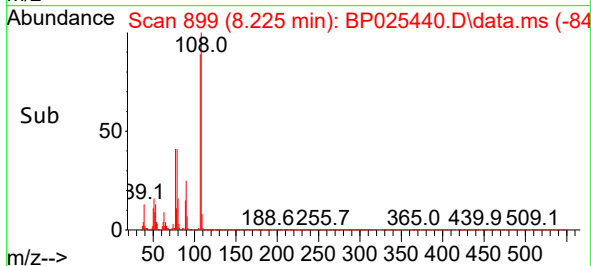
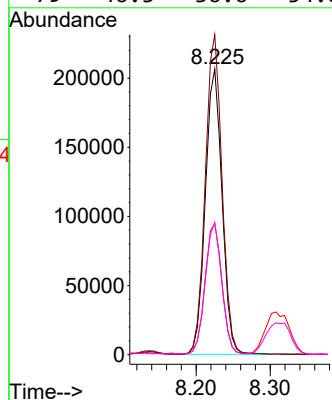
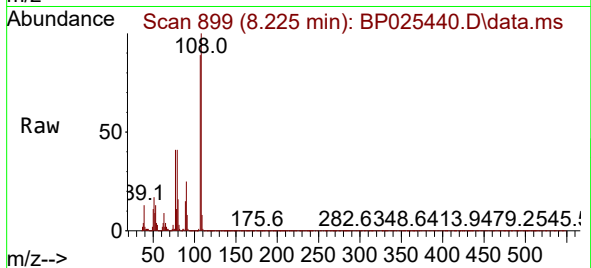




#17
2-Methylphenol
Concen: 38.954 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

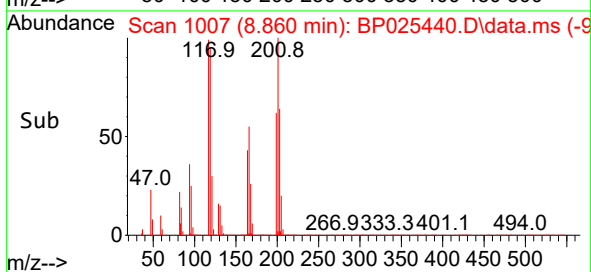
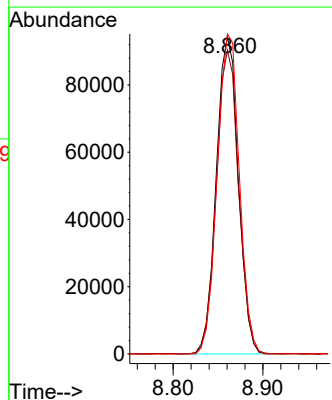
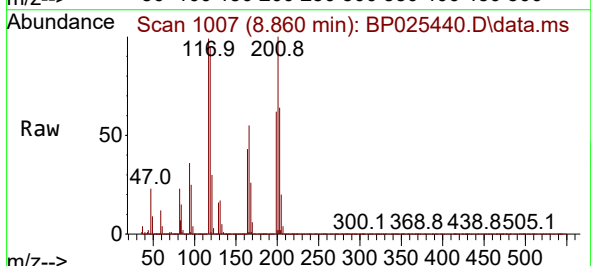
Instrument :
BNA_P
ClientSampleId :
PB169275BS

Tgt Ion:	107	Resp:	324461
Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.4	134.0
77	46.0	36.3	54.5
79	46.3	36.6	54.8



#18
Hexachloroethane
Concen: 38.652 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:	117	Resp:	161126
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.1	112.7
201	100.9	80.1	120.1

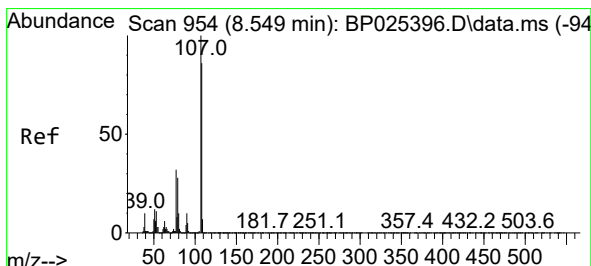
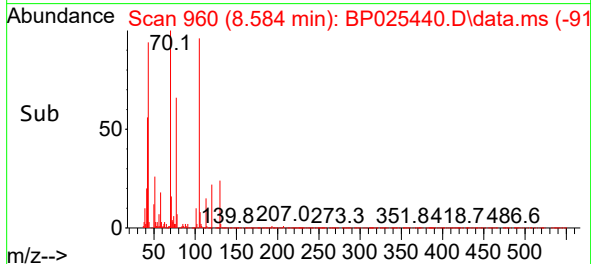
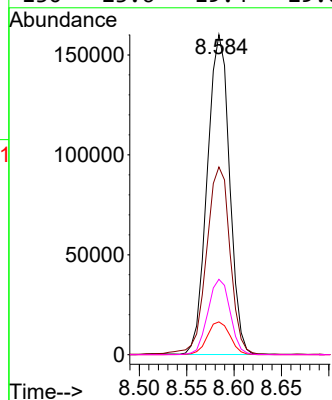
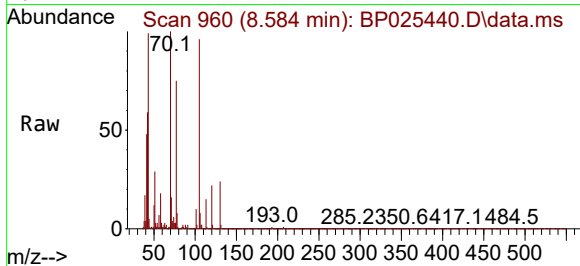




#19
n-Nitroso-di-n-propylamine
Concen: 34.581 ng
RT: 8.584 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

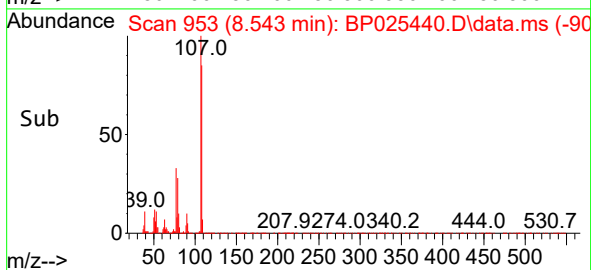
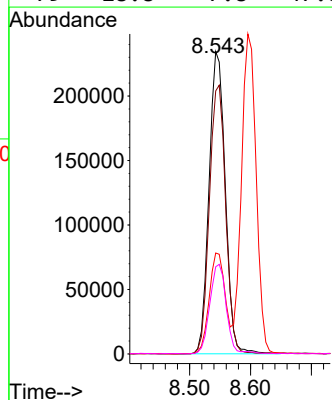
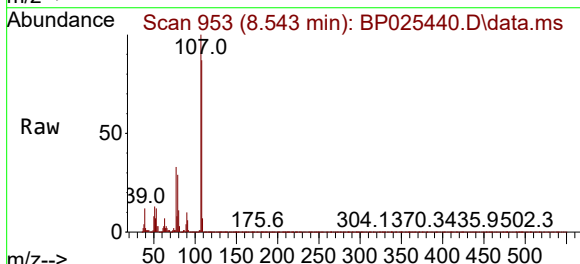
Instrument :
BNA_P
ClientSampleId :
PB169275BS

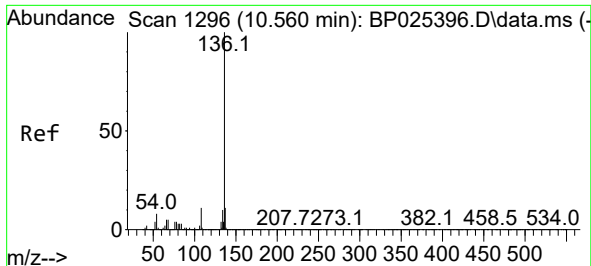
Tgt Ion: 70 Resp: 261796
Ion Ratio Lower Upper
70 100
42 58.7 43.8 65.6
101 10.3 8.5 12.7
130 23.6 19.4 29.0



#20
3+4-Methylphenols
Concen: 37.603 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion: 107 Resp: 434147
Ion Ratio Lower Upper
107 100
108 87.0 66.3 106.3
77 33.4 12.3 52.3
79 28.8 7.8 47.8

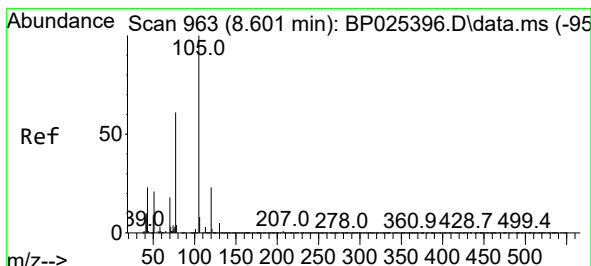
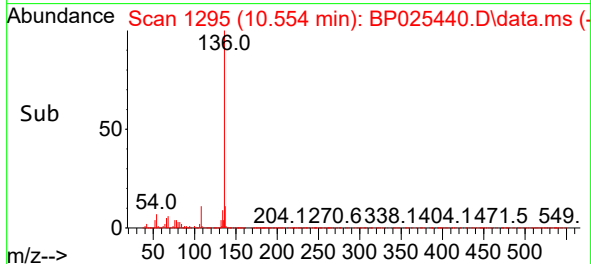
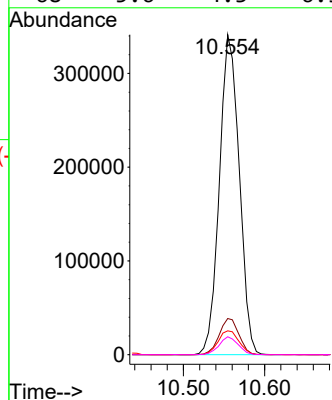
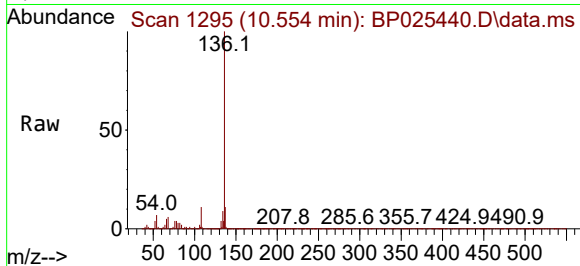




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

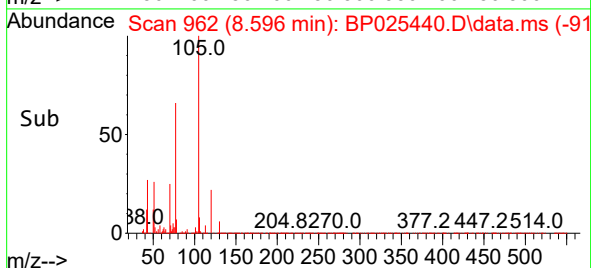
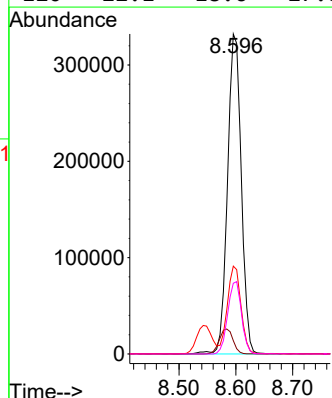
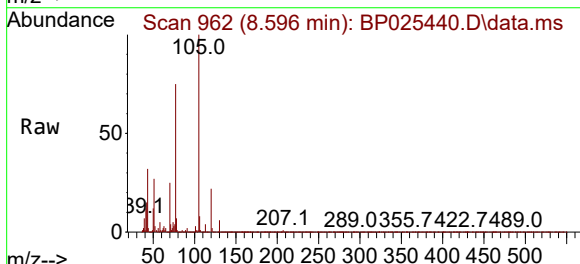
Instrument :
BNA_P
ClientSampleId :
PB169275BS

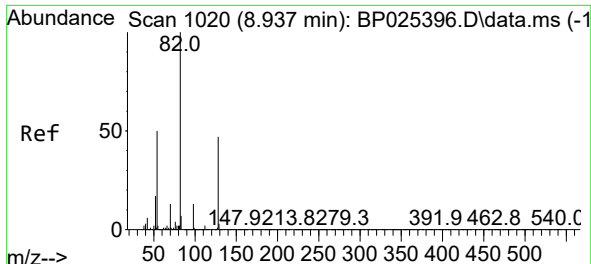
Tgt Ion:	136	Resp:	580625
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.5	6.0	9.0
68	5.6	4.3	6.5



#22
Acetophenone
Concen: 38.493 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:	105	Resp:	560498
Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.6	4.0#
51	27.5	20.6	30.8
120	22.1	18.6	27.8

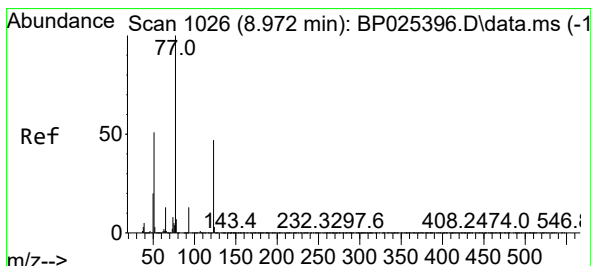
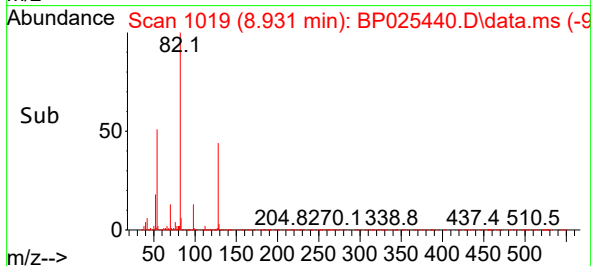
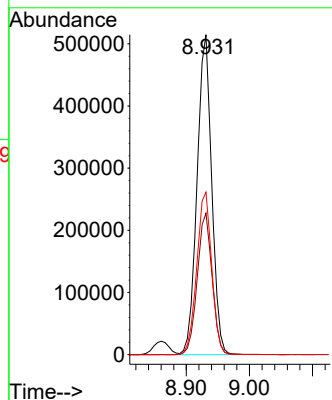
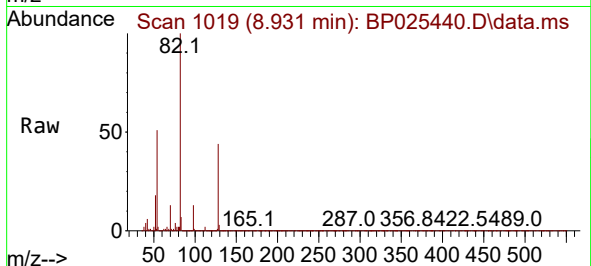




#23
Nitrobenzene-d5
Concen: 71.949 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

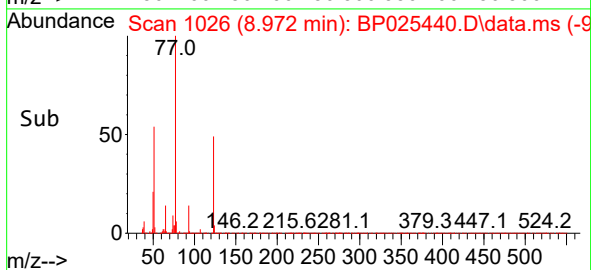
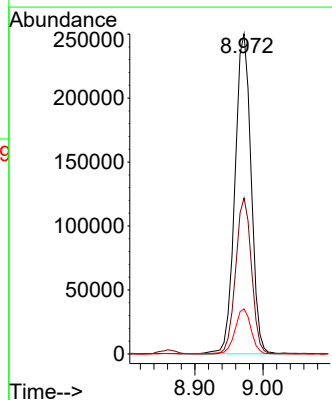
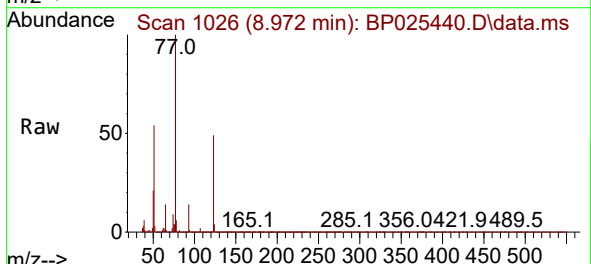
Instrument :
BNA_P
ClientSampleId :
PB169275BS

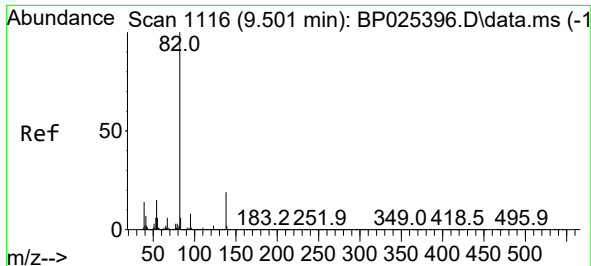
Tgt Ion: 82 Resp: 825841
Ion Ratio Lower Upper
82 100
128 44.2 37.7 56.5
54 50.8 39.8 59.6



#24
Nitrobenzene
Concen: 40.112 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion: 77 Resp: 411470
Ion Ratio Lower Upper
77 100
123 48.8 38.6 58.0
65 14.1 10.6 15.8

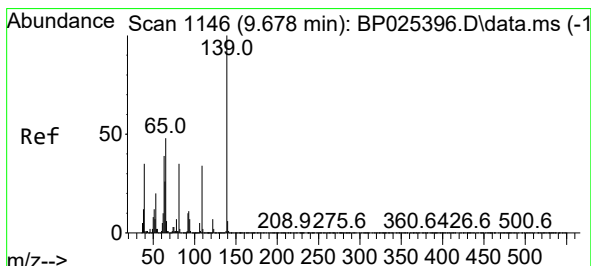
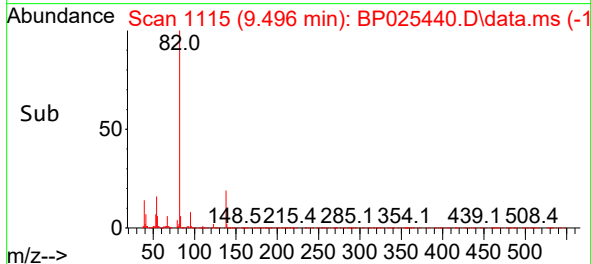
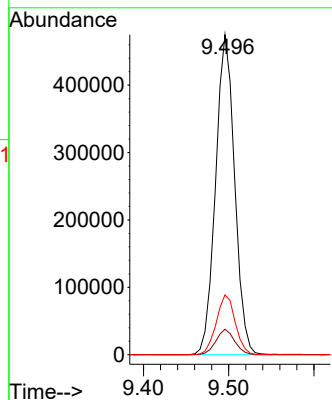
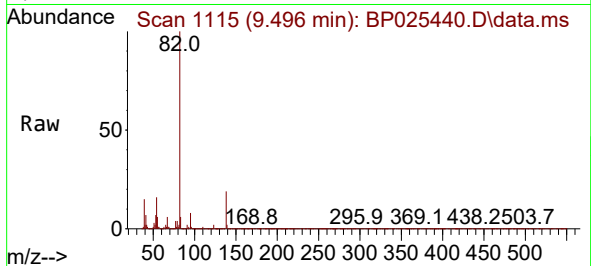




#25
Isophorone
Concen: 36.244 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

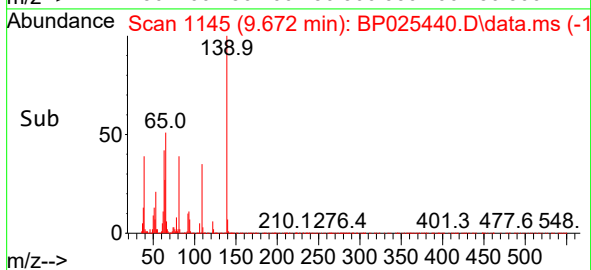
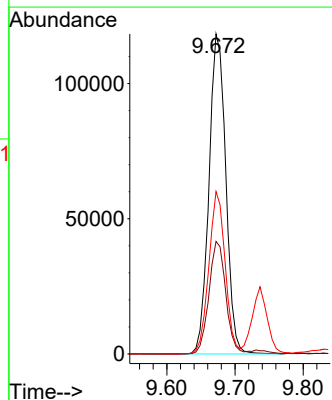
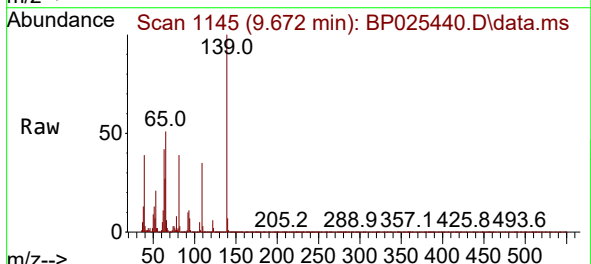
Instrument :
BNA_P
ClientSampleId :
PB169275BS

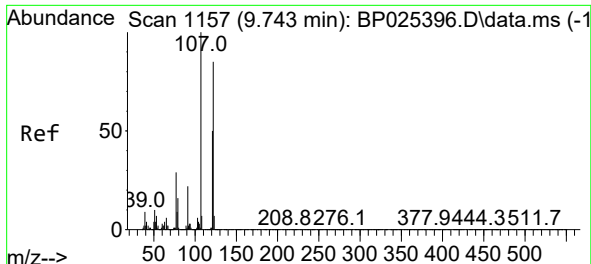
Tgt Ion: 82 Resp: 736234
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.7 15.4 23.0



#26
2-Nitrophenol
Concen: 38.658 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion: 139 Resp: 203514
Ion Ratio Lower Upper
139 100
109 35.2 26.9 40.3
65 50.8 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 40.021 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

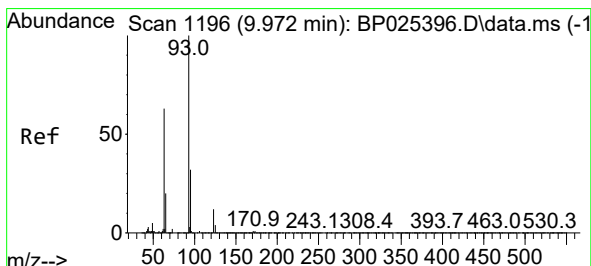
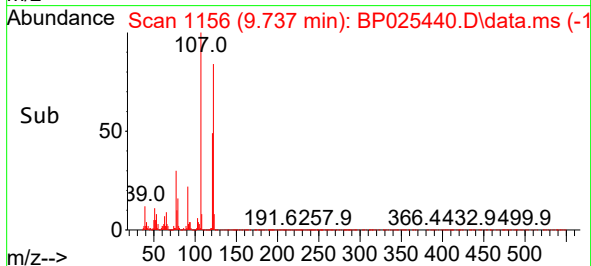
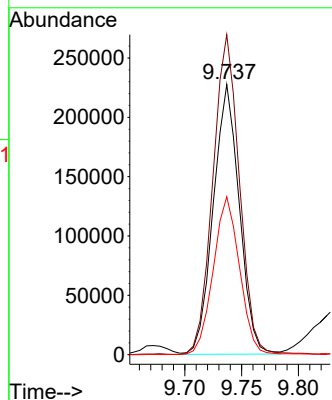
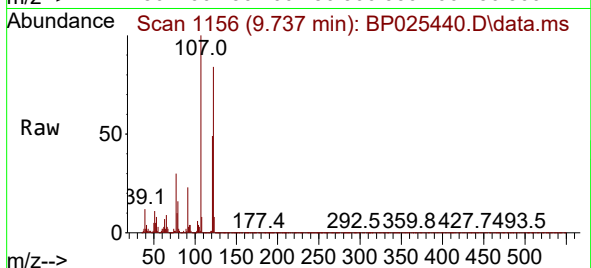
Tgt Ion:122 Resp: 362331

Ion Ratio Lower Upper

122 100

107 118.4 93.7 140.5

121 58.4 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 37.513 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

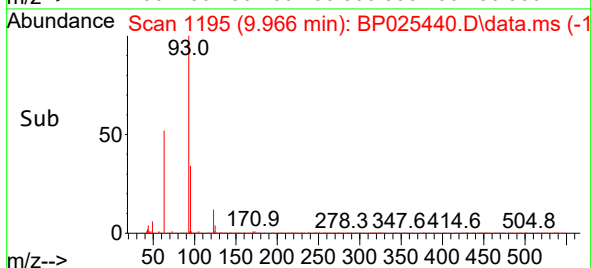
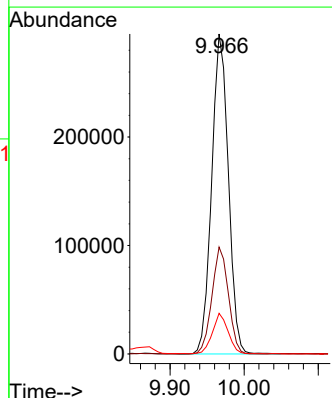
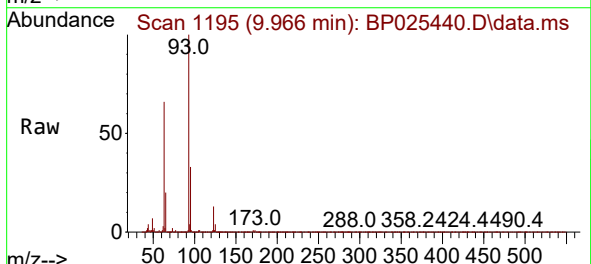
Tgt Ion: 93 Resp: 460615

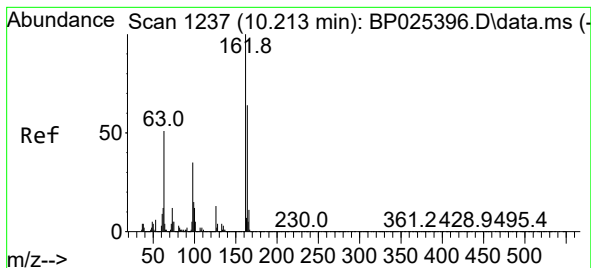
Ion Ratio Lower Upper

93 100

95 33.4 25.4 38.0

123 12.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.947 ng

RT: 10.207 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

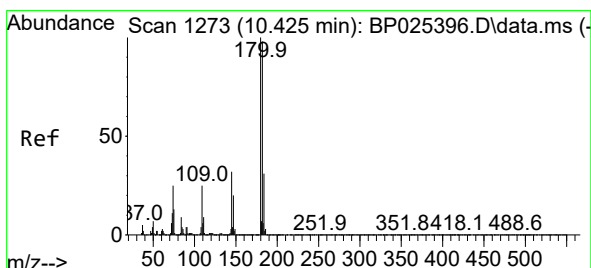
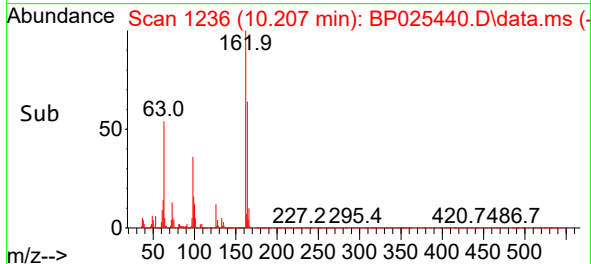
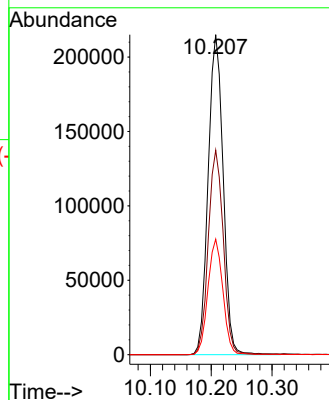
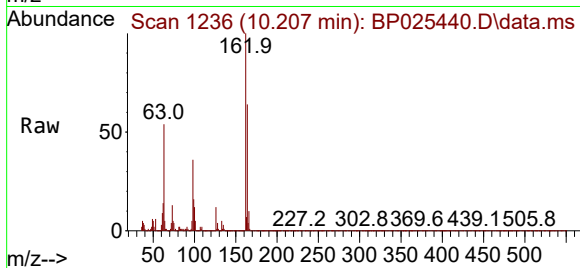
Tgt Ion:162 Resp: 368265

Ion Ratio Lower Upper

162 100

164 63.9 44.4 84.4

98 36.1 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 38.772 ng

RT: 10.419 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

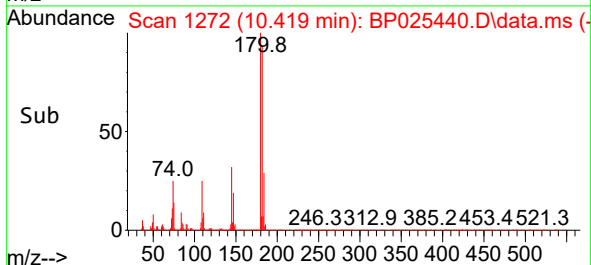
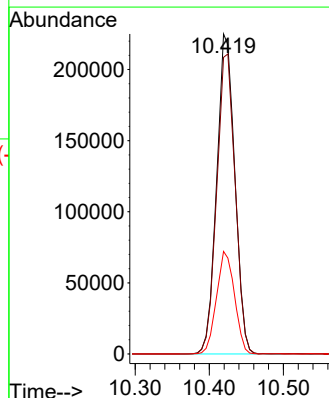
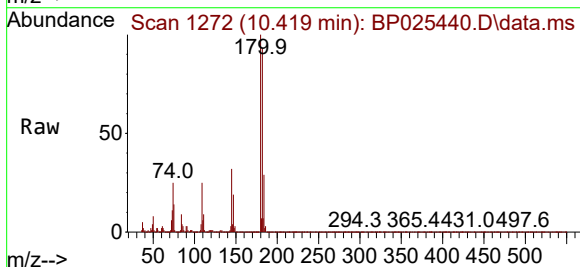
Tgt Ion:180 Resp: 382255

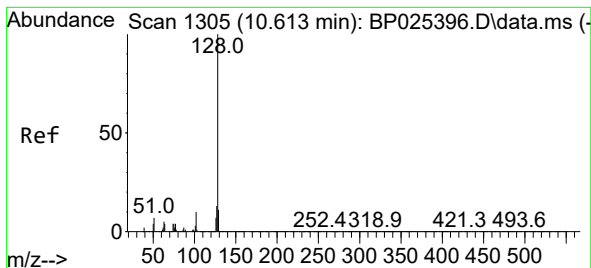
Ion Ratio Lower Upper

180 100

182 92.7 78.0 117.0

145 32.0 25.9 38.9

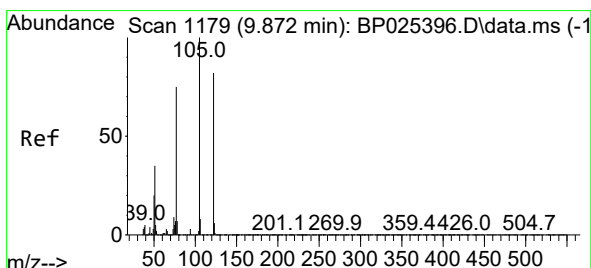
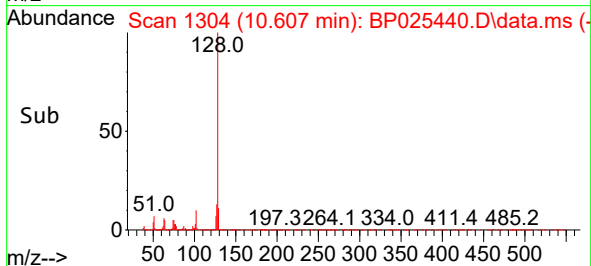
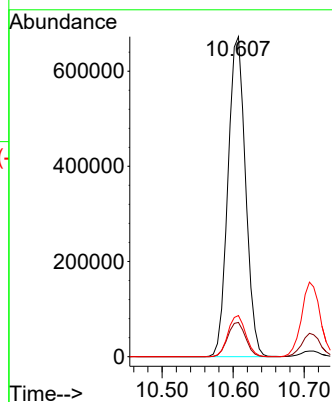
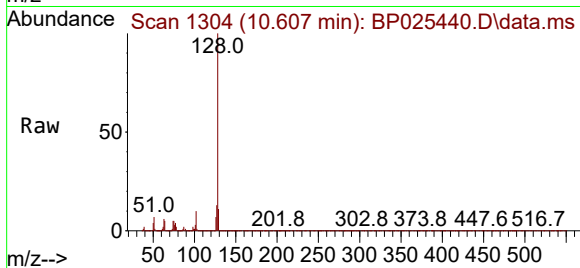




#31
Naphthalene
Concen: 38.245 ng
RT: 10.607 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

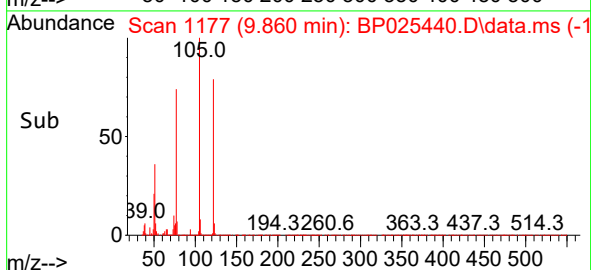
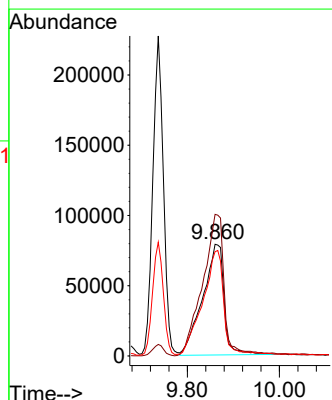
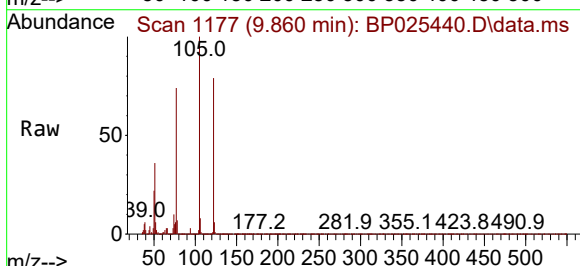
Instrument :
BNA_P
ClientSampleId :
PB169275BS

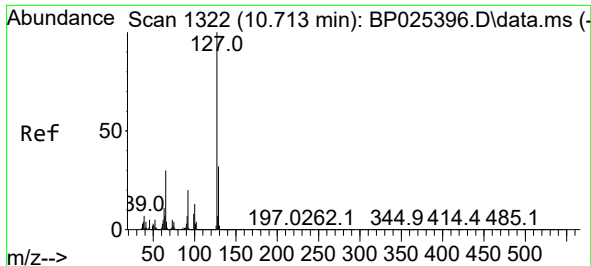
Tgt Ion:128 Resp: 1154178
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.9 10.7 16.1



#32
Benzoic acid
Concen: 38.080 ng
RT: 9.860 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:122 Resp: 254526
Ion Ratio Lower Upper
122 100
105 126.8 100.6 140.6
77 93.4 71.5 111.5

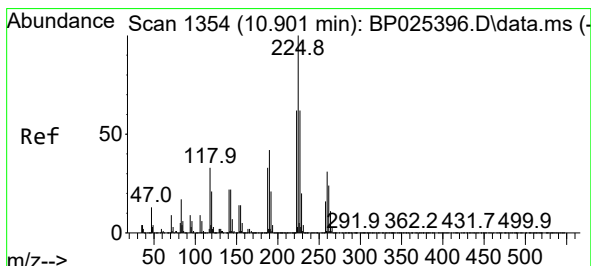
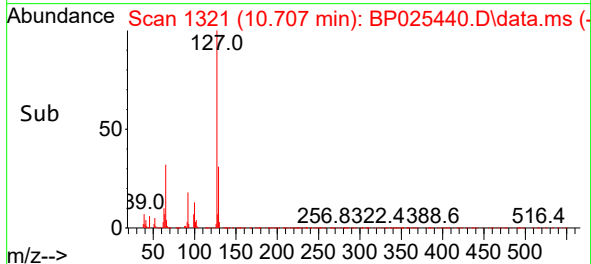
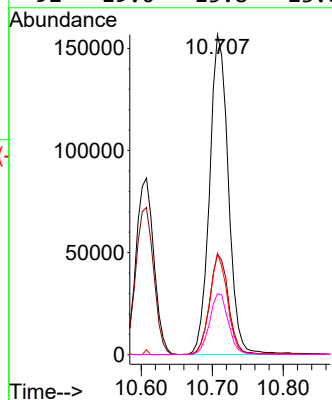
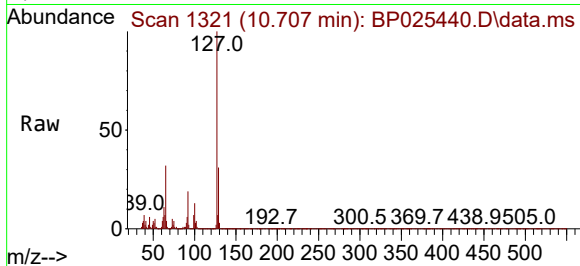




#33
4-Chloroaniline
Concen: 21.541 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

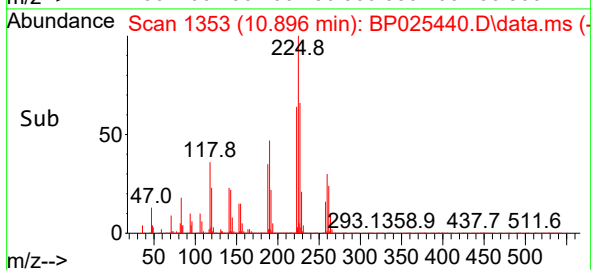
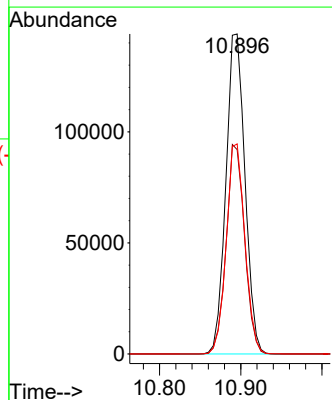
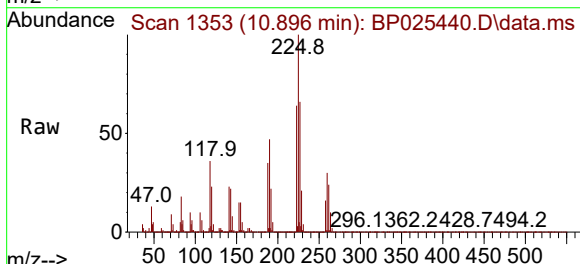
Instrument :
BNA_P
ClientSampleId :
PB169275BS

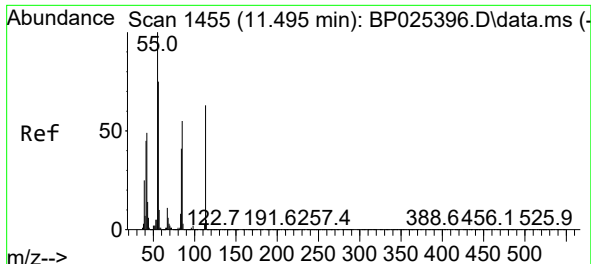
Tgt Ion:	127	Resp:	287154
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.4	38.2
65	31.7	23.8	35.6
92	19.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.293 ng
RT: 10.896 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:	225	Resp:	235114
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.0	75.0
227	65.7	49.7	74.5

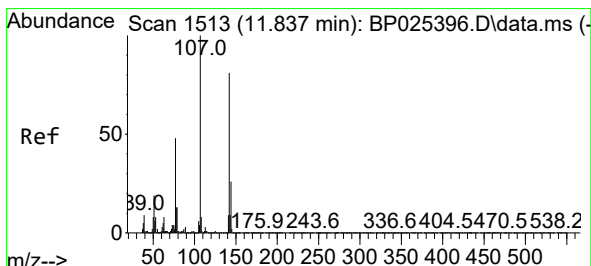
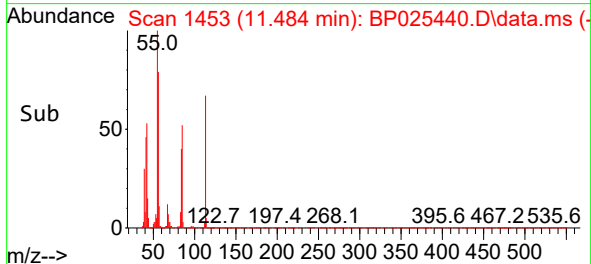
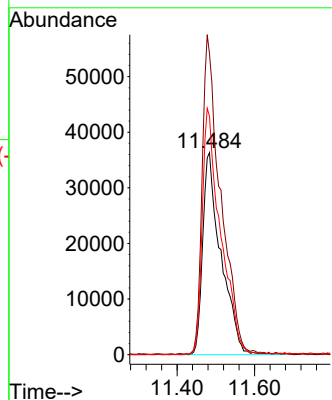
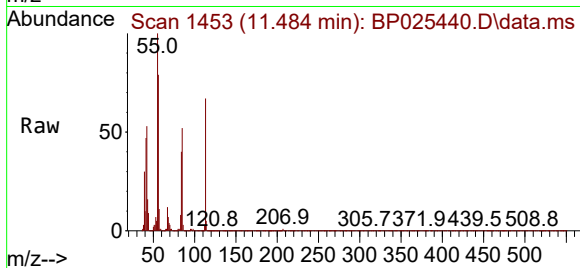




#35
Caprolactam
Concen: 35.891 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

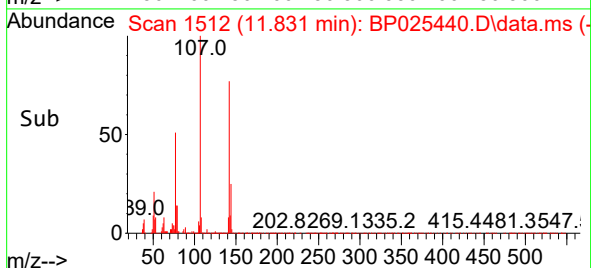
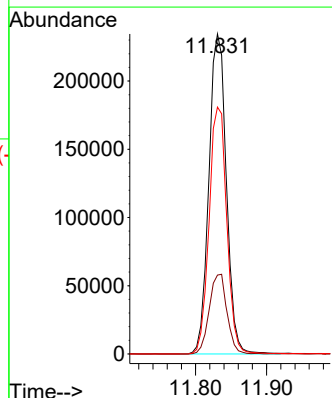
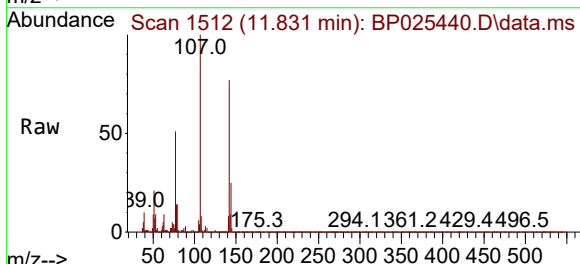
Instrument :
BNA_P
ClientSampleId :
PB169275BS

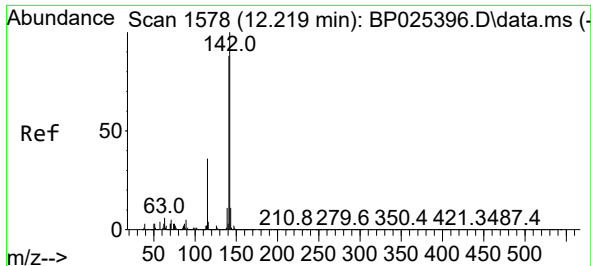
Tgt Ion:113 Resp: 118360
Ion Ratio Lower Upper
113 100
55 149.0 140.0 180.0
56 118.0 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 38.881 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:107 Resp: 401250
Ion Ratio Lower Upper
107 100
144 24.6 21.0 31.4
142 77.2 64.6 97.0

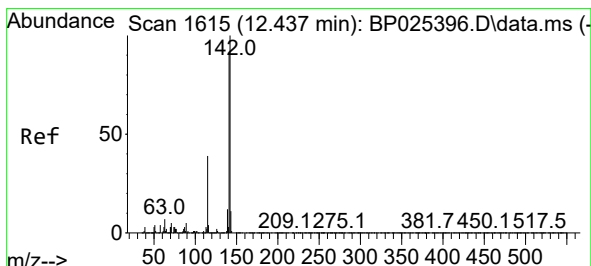
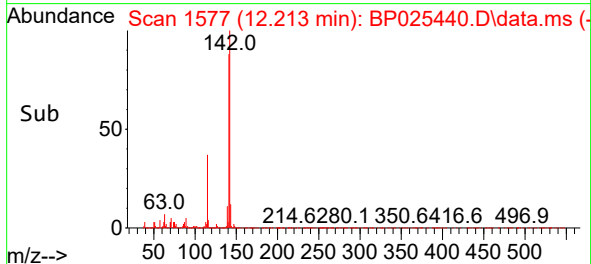
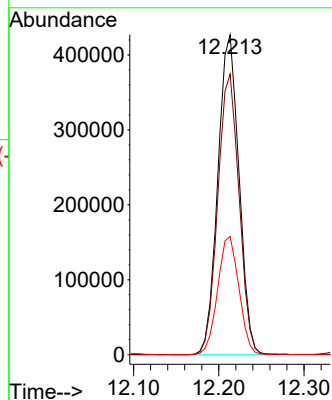
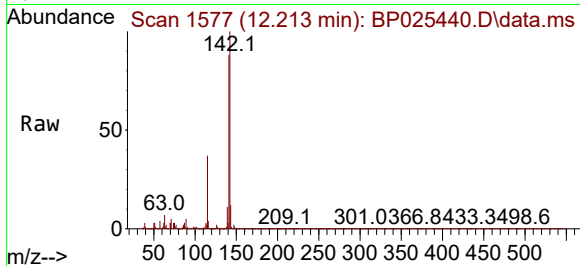




#37
2-Methylnaphthalene
Concen: 37.445 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

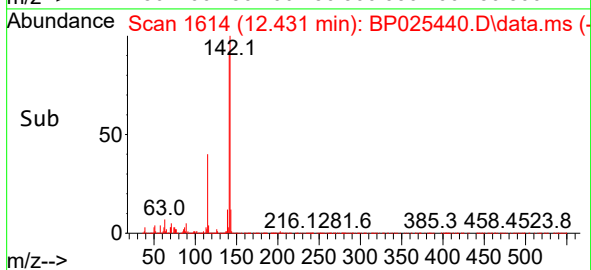
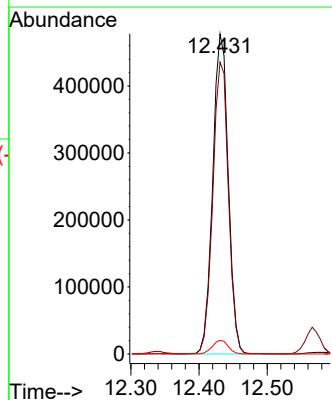
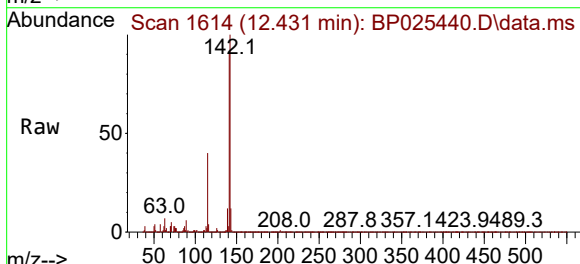
Instrument :
BNA_P
ClientSampleId :
PB169275BS

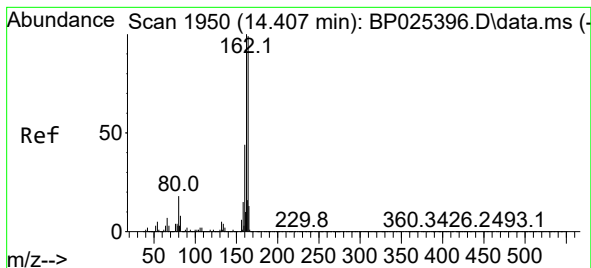
Tgt Ion:142 Resp: 735380
Ion Ratio Lower Upper
142 100
141 87.7 70.3 105.5
115 37.0 28.9 43.3



#38
1-Methylnaphthalene
Concen: 36.243 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:142 Resp: 756958
Ion Ratio Lower Upper
142 100
141 91.2 73.1 109.7
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

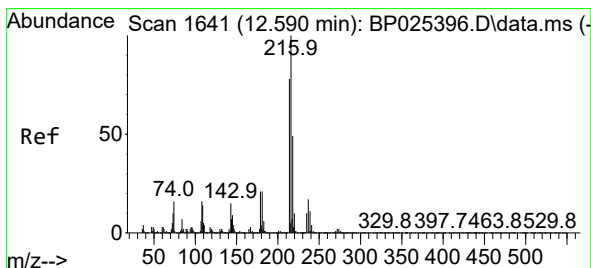
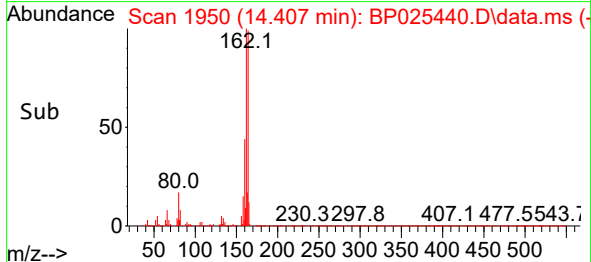
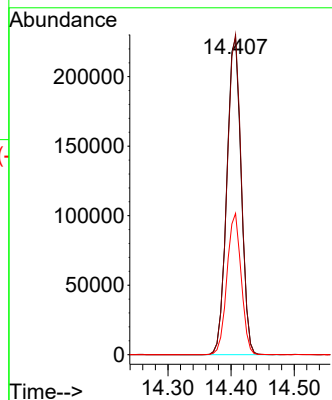
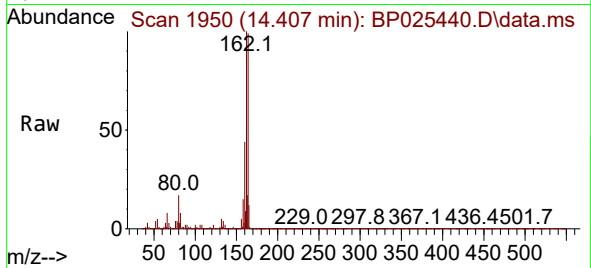
Tgt Ion:164 Resp: 358574

Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.6

160 44.6 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.795 ng

RT: 12.584 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Tgt Ion:216 Resp: 412119

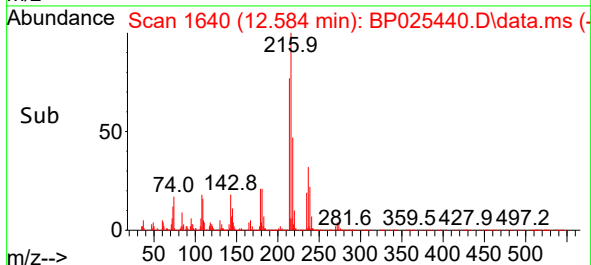
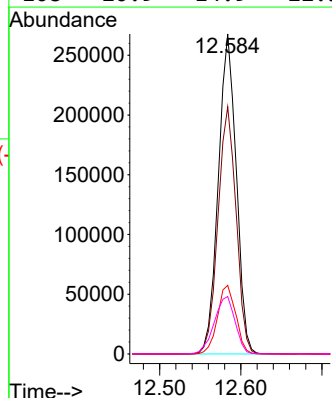
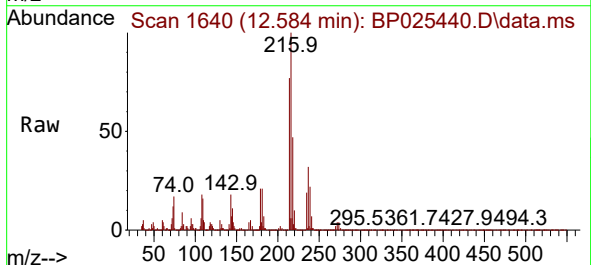
Ion Ratio Lower Upper

216 100

214 78.0 63.0 94.4

179 21.9 17.1 25.7

108 20.9 14.9 22.3

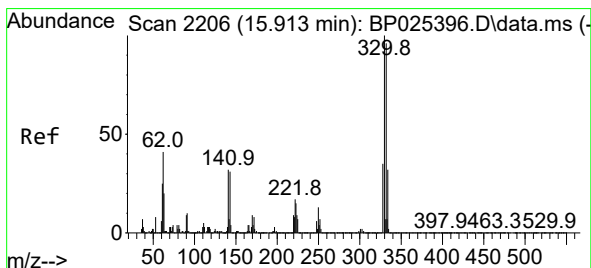
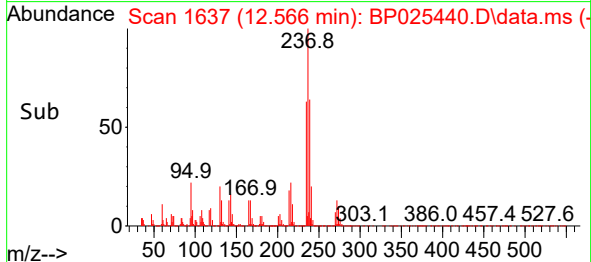
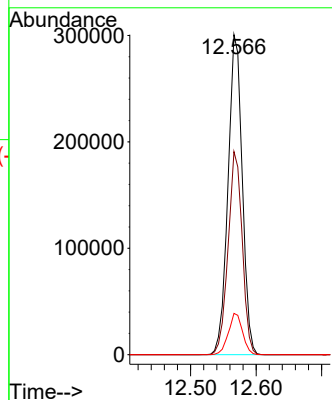
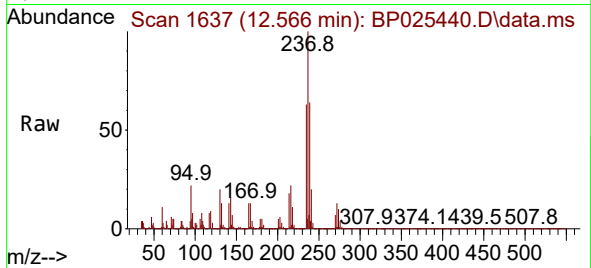




#41
Hexachlorocyclopentadiene
Concen: 72.487 ng
RT: 12.566 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

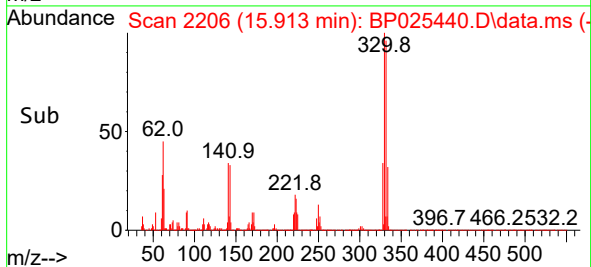
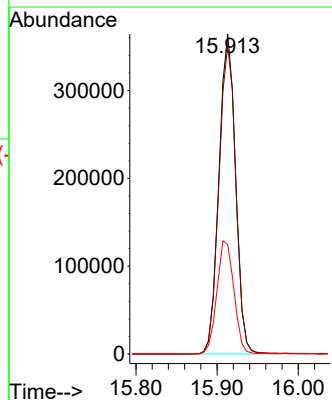
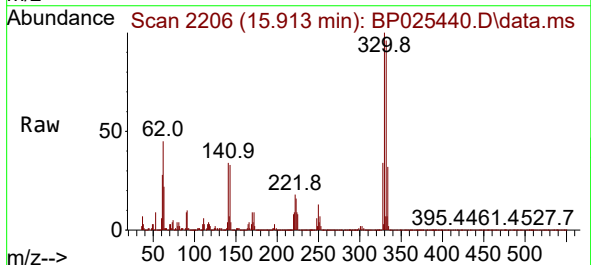
Instrument :
BNA_P
ClientSampleId :
PB169275BS

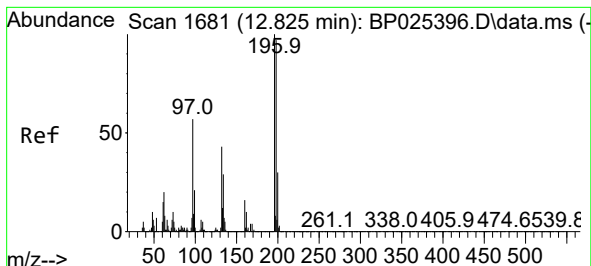
Tgt Ion:237 Resp: 453436
Ion Ratio Lower Upper
237 100
235 63.5 42.7 82.7
272 12.9 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 107.562 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:330 Resp: 519140
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 36.5 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 41.046 ng

RT: 12.825 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

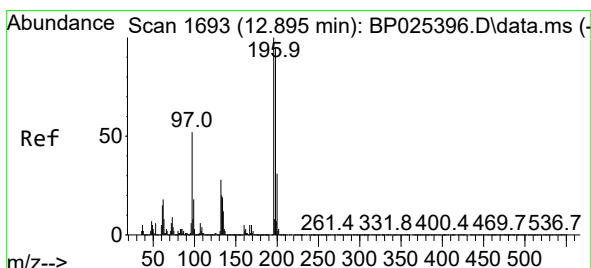
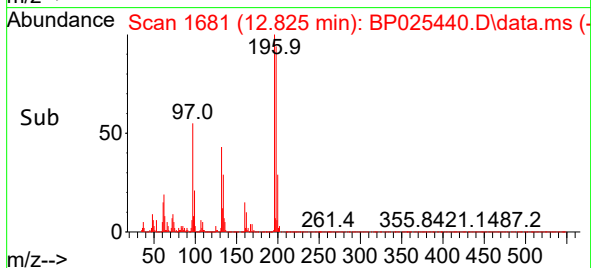
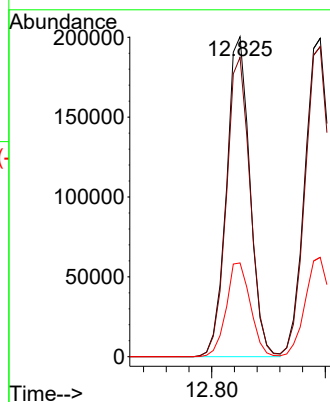
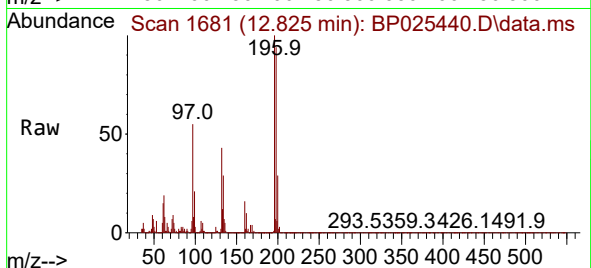
Tgt Ion:196 Resp: 286973

Ion Ratio Lower Upper

196 100

198 93.5 77.2 115.8

200 29.3 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 41.312 ng

RT: 12.895 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Tgt Ion:196 Resp: 316553

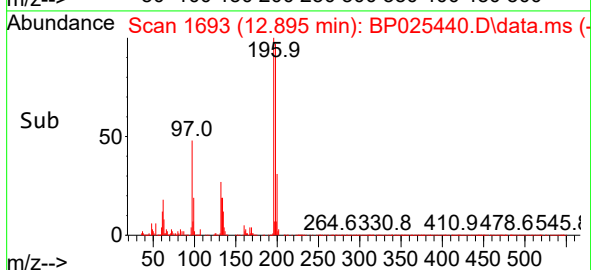
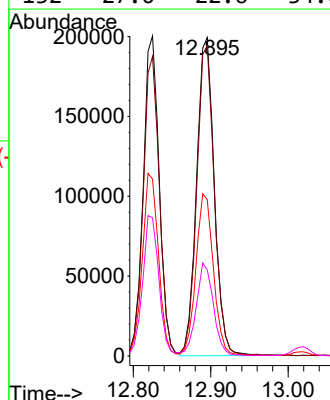
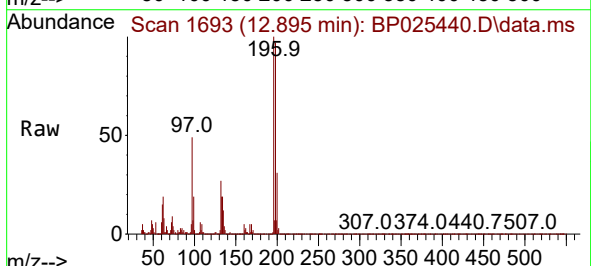
Ion Ratio Lower Upper

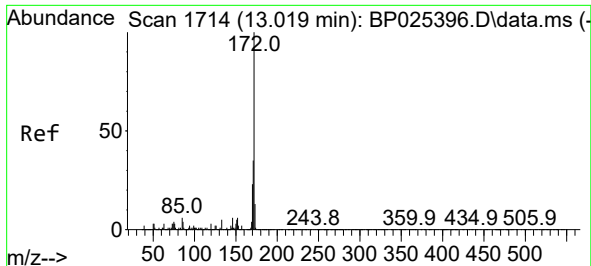
196 100

198 97.4 76.2 114.2

97 49.1 41.2 61.8

132 27.0 22.6 34.0

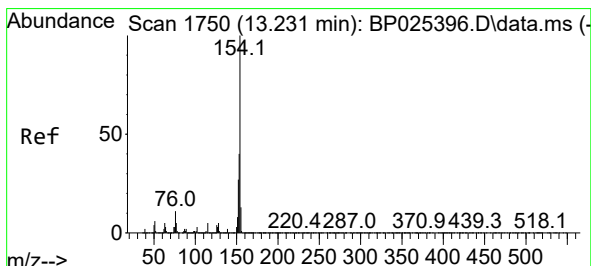
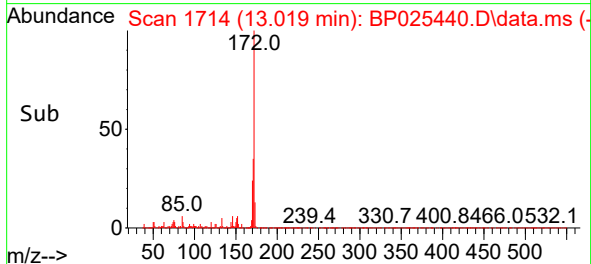
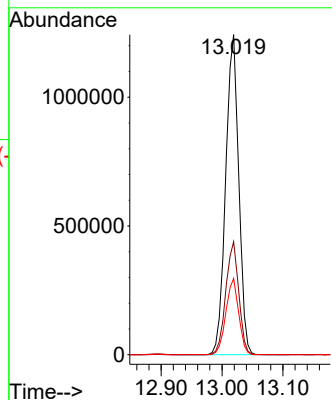
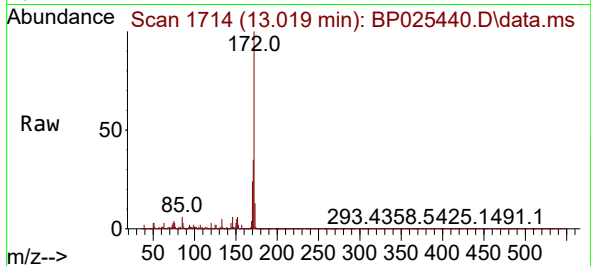




#45
2-Fluorobiphenyl
Concen: 70.589 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

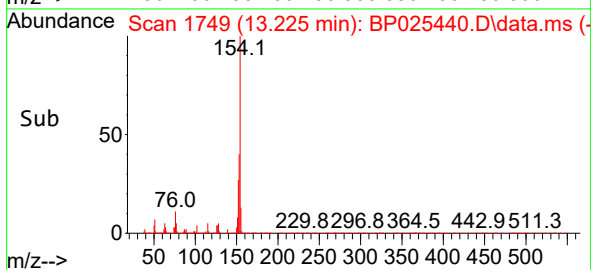
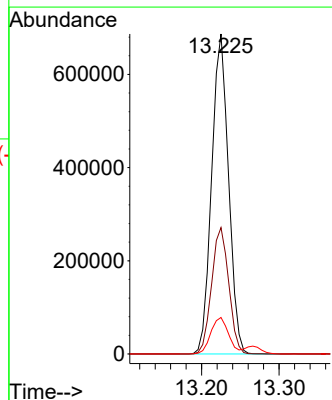
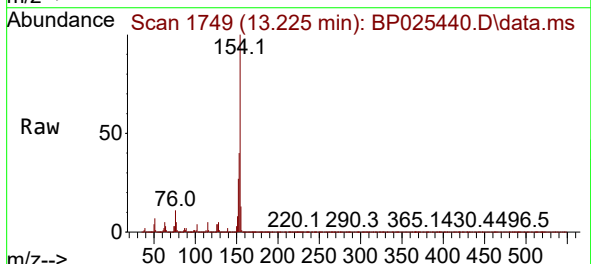
Instrument :
BNA_P
ClientSampleId :
PB169275BS

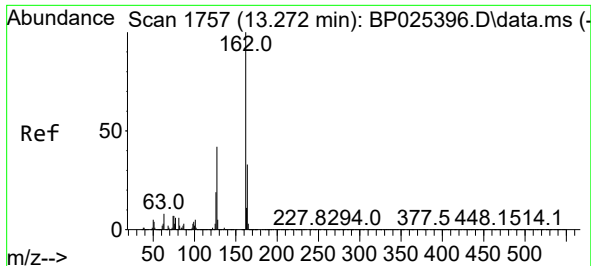
Tgt Ion:172 Resp: 1852023
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.8 18.6 28.0



#46
1,1'-Biphenyl
Concen: 39.871 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:154 Resp: 1038303
Ion Ratio Lower Upper
154 100
153 39.5 19.5 59.5
76 11.4 0.0 31.1

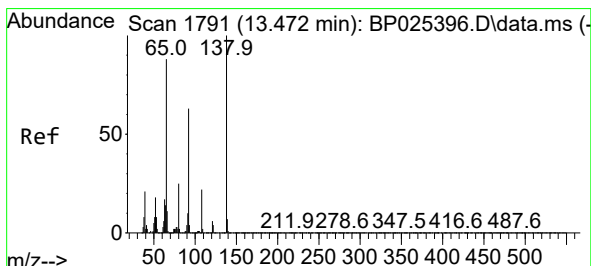
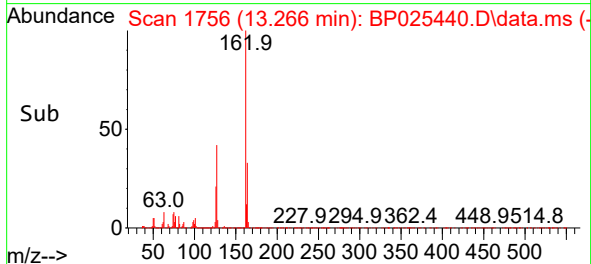
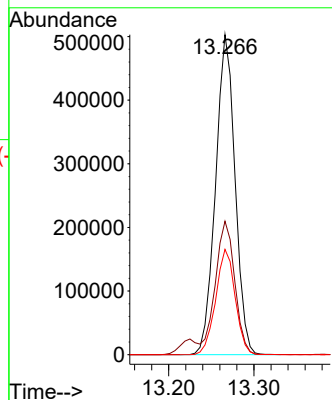
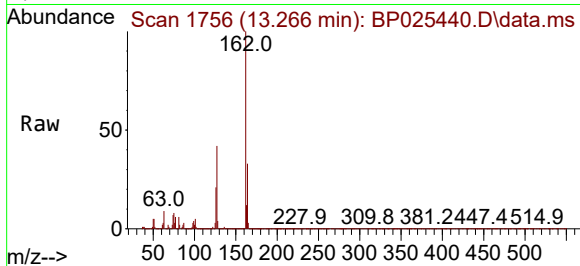




#47
2-Chloronaphthalene
Concen: 39.380 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

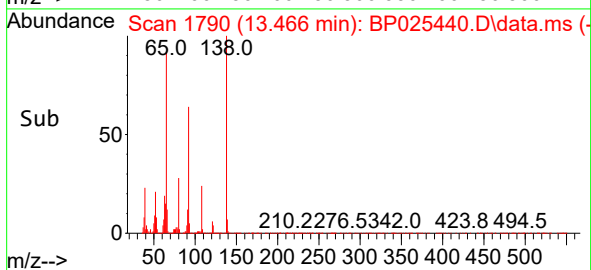
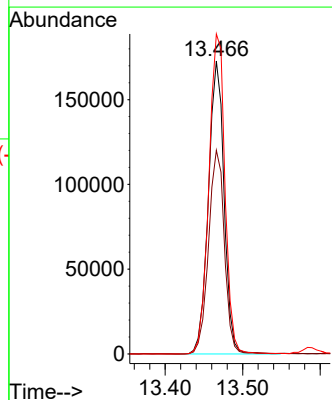
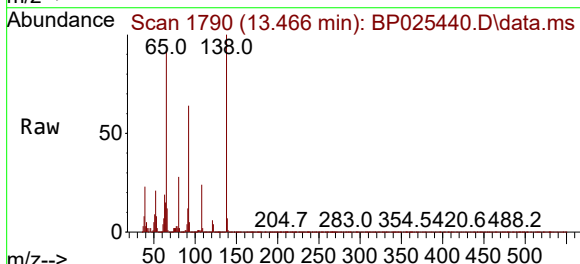
Instrument :
BNA_P
ClientSampleId :
PB169275BS

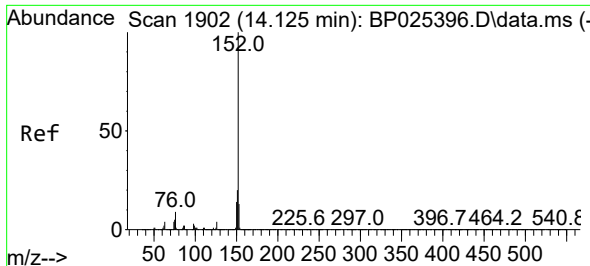
Tgt Ion:162 Resp: 798368
Ion Ratio Lower Upper
162 100
127 41.7 33.4 50.2
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 41.121 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion: 65 Resp: 242905
Ion Ratio Lower Upper
65 100
92 69.5 57.6 86.4
138 109.2 91.0 136.6

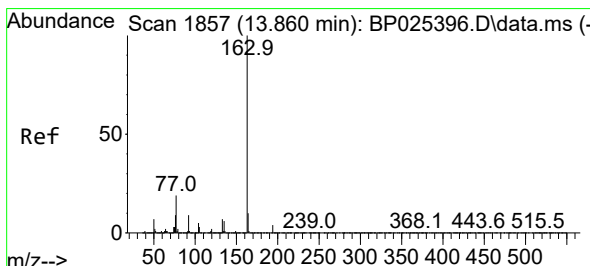
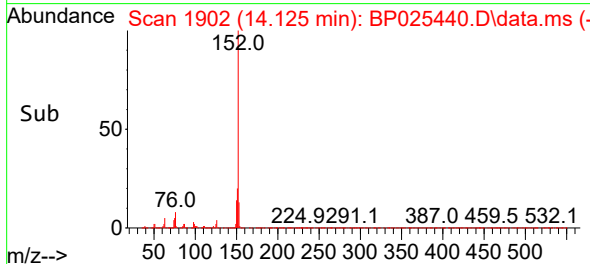
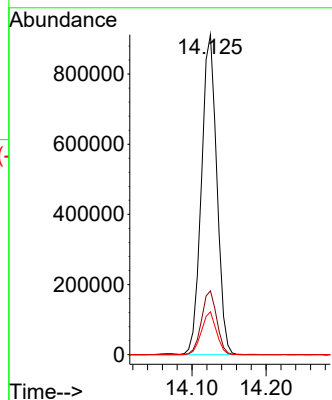
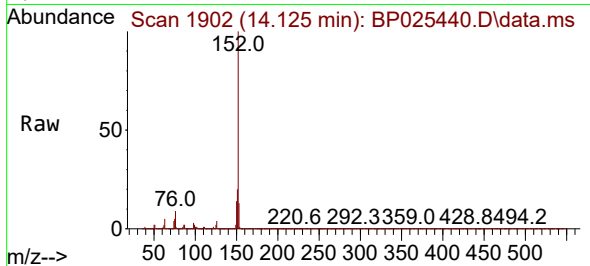




#49
Acenaphthylene
Concen: 39.119 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

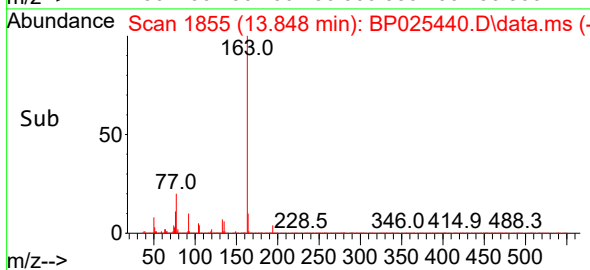
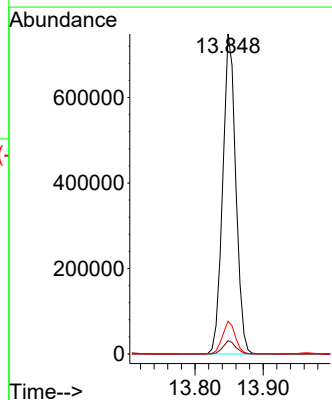
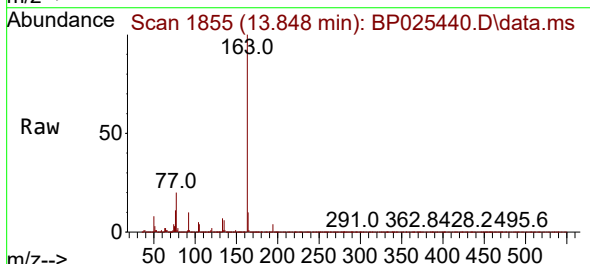
Instrument :
BNA_P
ClientSampleId :
PB169275BS

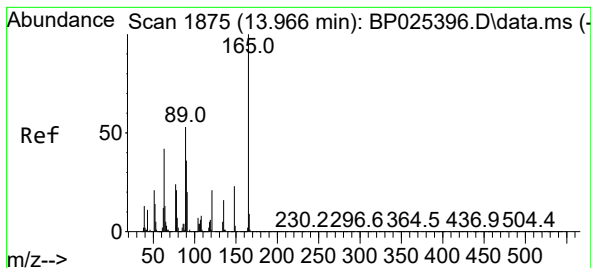
Tgt Ion:152 Resp: 1312312
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 38.027 ng
RT: 13.848 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:163 Resp: 998504
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 39.984 ng

RT: 13.966 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

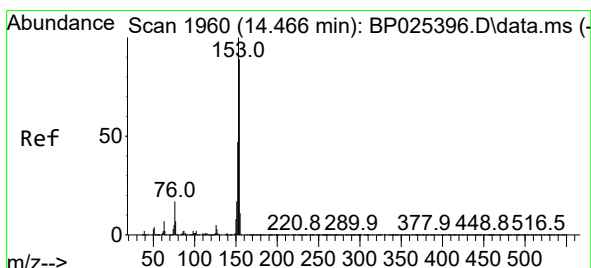
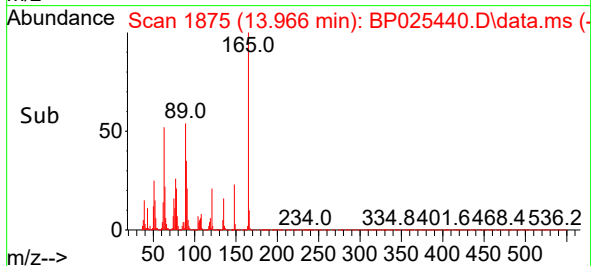
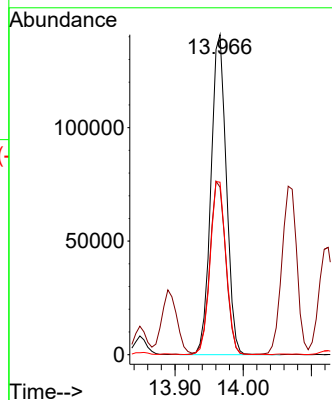
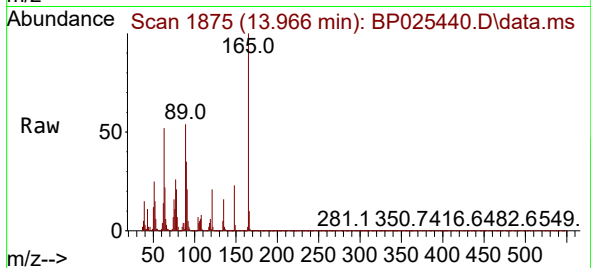
Tgt Ion:165 Resp: 221290

Ion Ratio Lower Upper

165 100

63 52.4 40.9 61.3

89 53.9 42.1 63.1



#52

Acenaphthene

Concen: 39.685 ng

RT: 14.466 min Scan# 1960

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

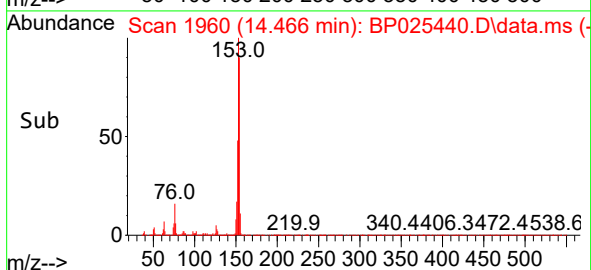
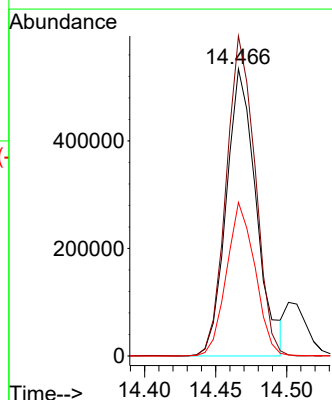
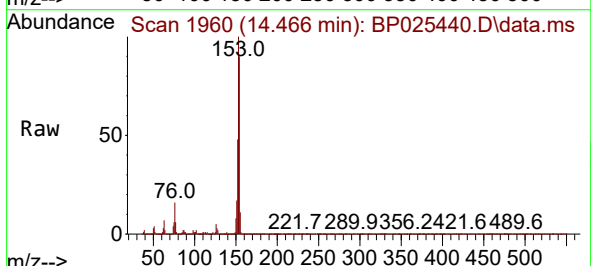
Tgt Ion:154 Resp: 781441

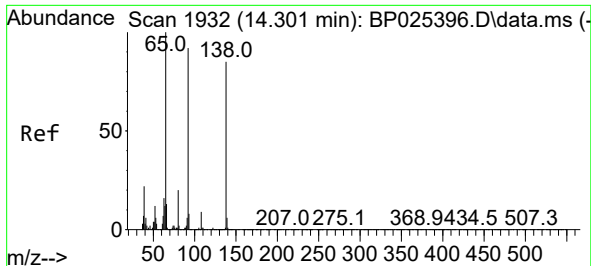
Ion Ratio Lower Upper

154 100

153 111.5 90.2 135.2

152 53.5 42.1 63.1

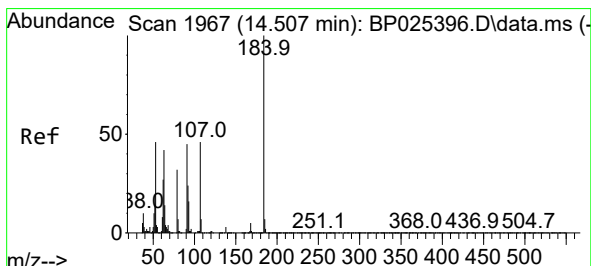
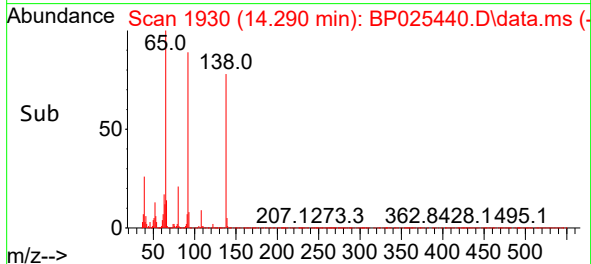
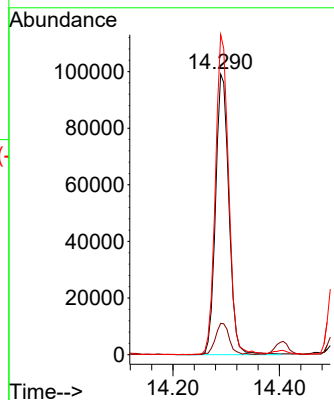
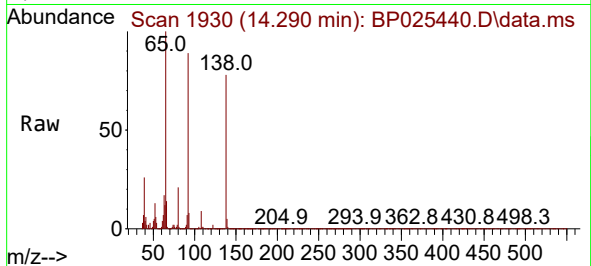




#53
3-Nitroaniline
Concen: 27.664 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

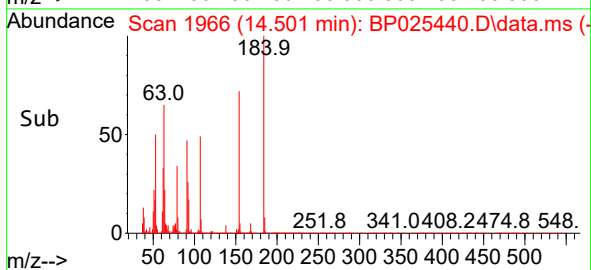
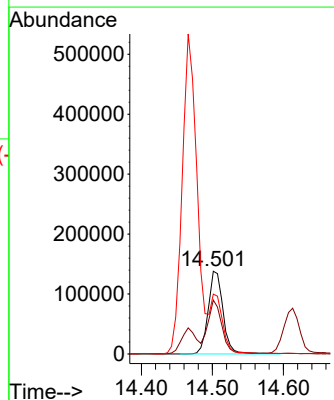
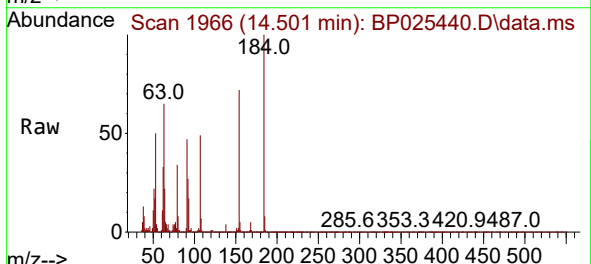
Instrument :
BNA_P
ClientSampleId :
PB169275BS

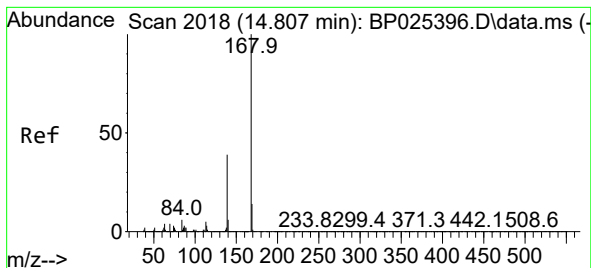
Tgt Ion:138 Resp: 172254
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 114.1 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 68.261 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:184 Resp: 201749
Ion Ratio Lower Upper
184 100
63 65.2 49.4 74.2
154 72.4 54.6 82.0

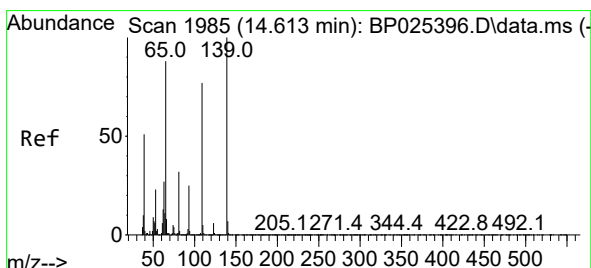
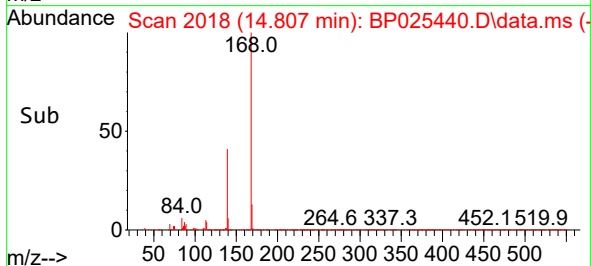
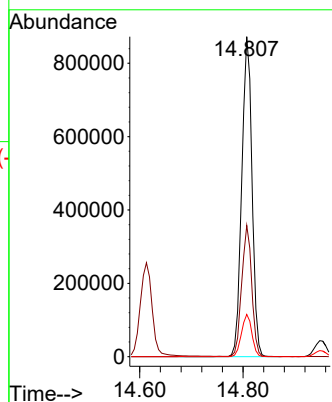
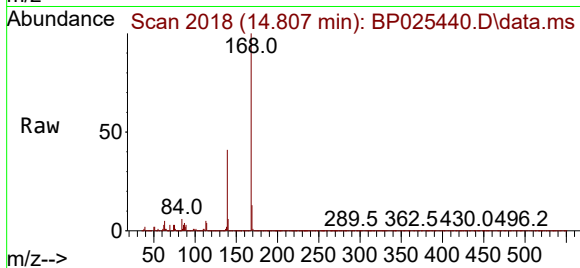




#55
Dibenzofuran
Concen: 38.569 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

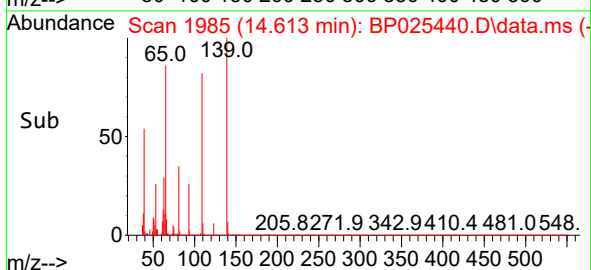
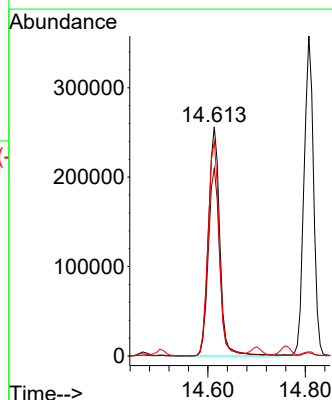
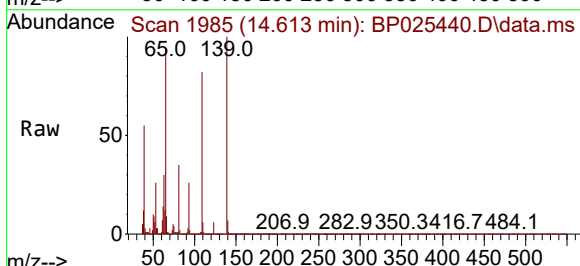
Instrument :
BNA_P
ClientSampleId :
PB169275BS

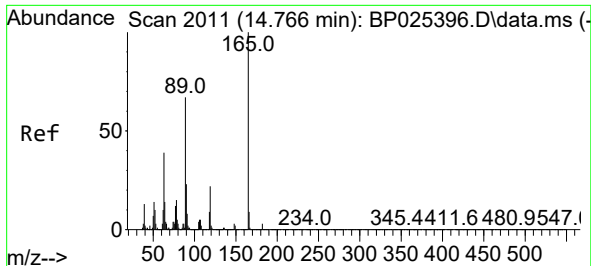
Tgt Ion:168 Resp: 1200726
Ion Ratio Lower Upper
168 100
139 41.0 31.5 47.3
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 81.067 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:139 Resp: 414800
Ion Ratio Lower Upper
139 100
109 81.9 56.6 96.6
65 93.5 68.2 108.2

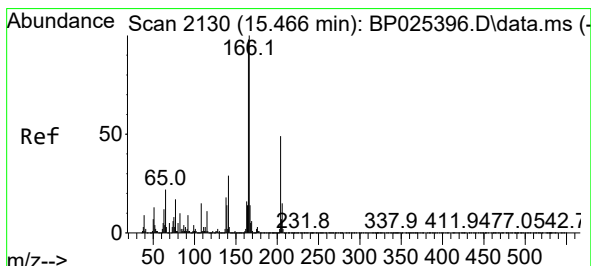
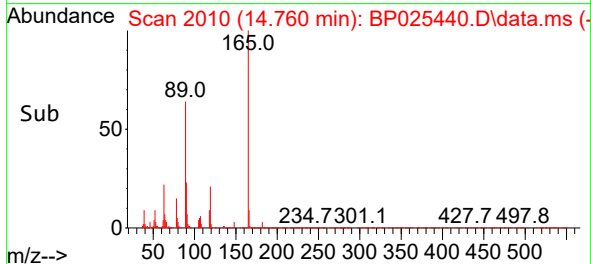
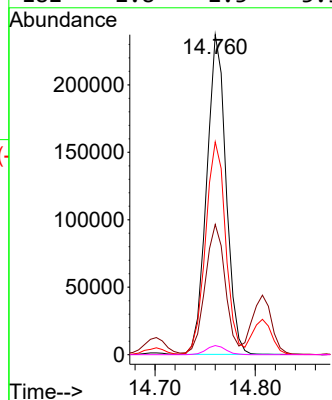
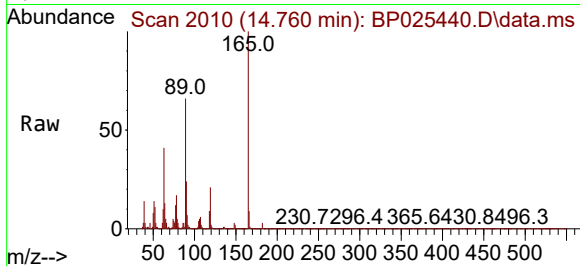




#57
2,4-Dinitrotoluene
Concen: 40.332 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

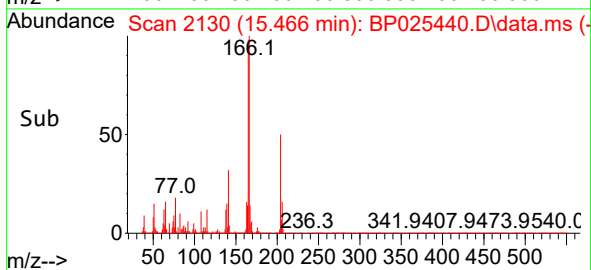
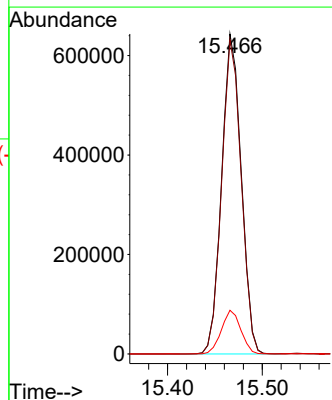
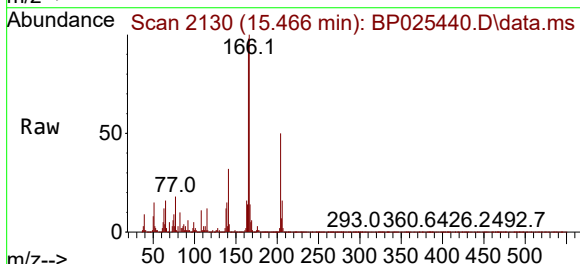
Instrument :
BNA_P
ClientSampleId :
PB169275BS

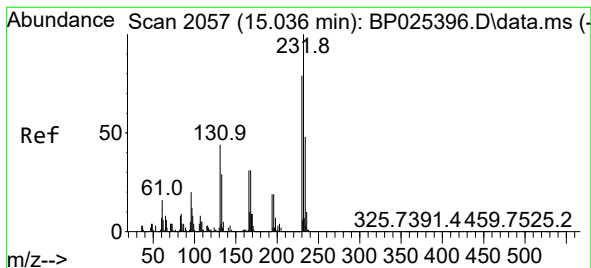
Tgt Ion:165 Resp: 318473
Ion Ratio Lower Upper
165 100
63 40.7 31.4 47.2
89 66.5 53.3 79.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 37.731 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:166 Resp: 926864
Ion Ratio Lower Upper
166 100
165 98.1 78.8 118.2
167 13.6 11.0 16.4



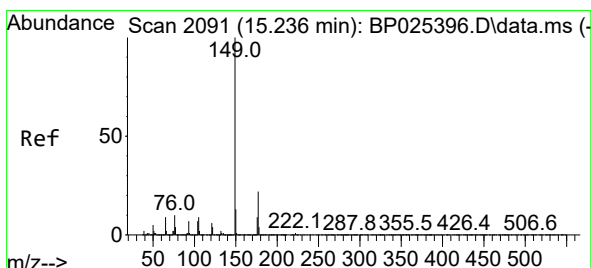
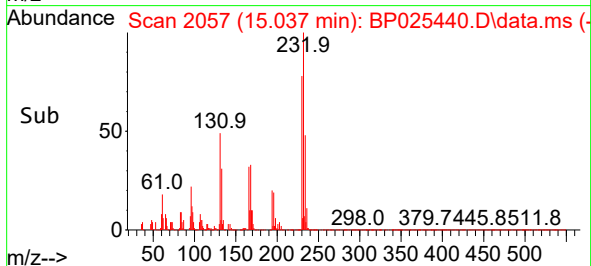
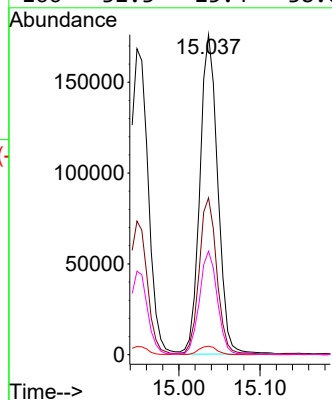
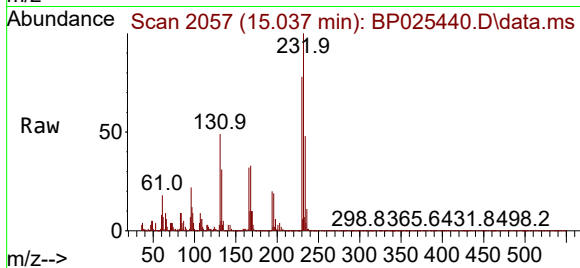


#59
2,3,4,6-Tetrachlorophenol
Concen: 39.628 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Instrument :
BNA_P
ClientSampleId :
PB169275BS

Tgt Ion:232 Resp: 268117

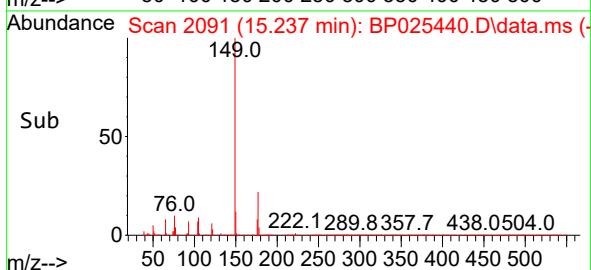
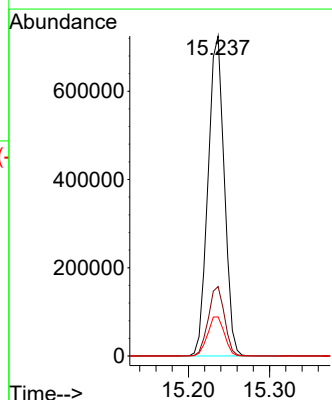
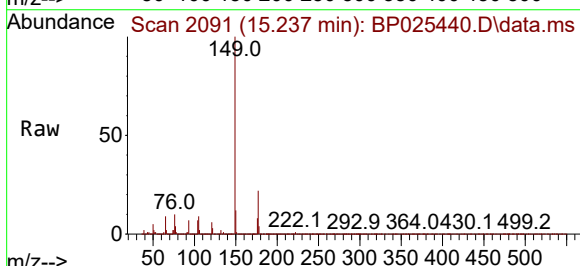
Ion	Ratio	Lower	Upper
232	100		
131	48.6	37.0	55.6
130	2.7	1.9	2.9
166	32.3	25.4	38.0

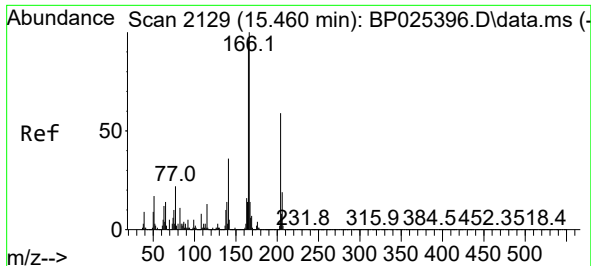


#60
Diethylphthalate
Concen: 37.696 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:149 Resp: 1005774

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.3	25.9
150	12.2	10.3	15.5

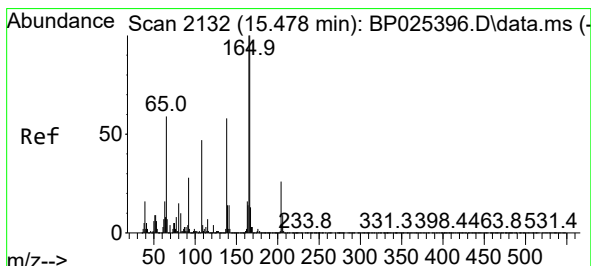
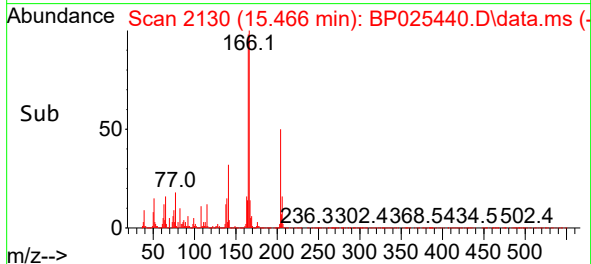
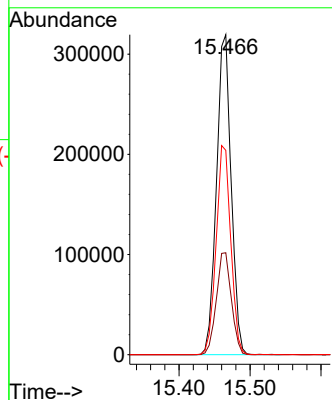
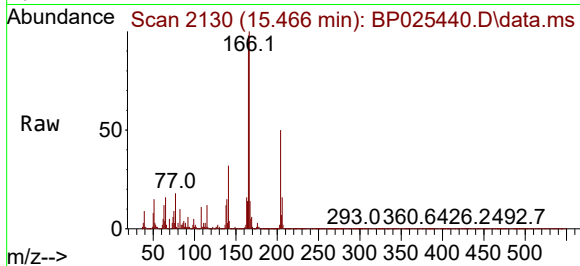




#61
4-Chlorophenyl-phenylether
Concen: 37.302 ng
RT: 15.466 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

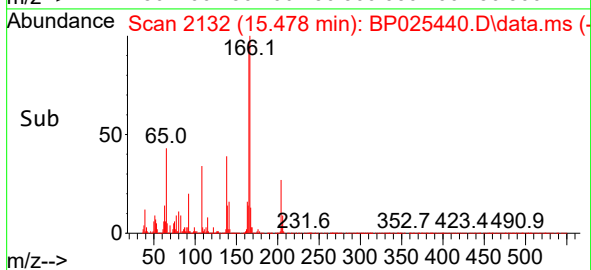
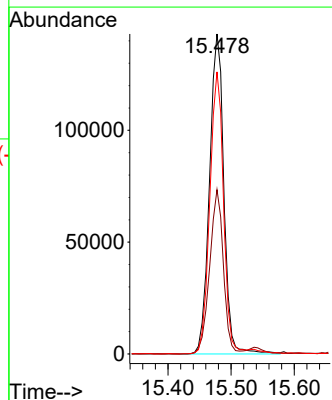
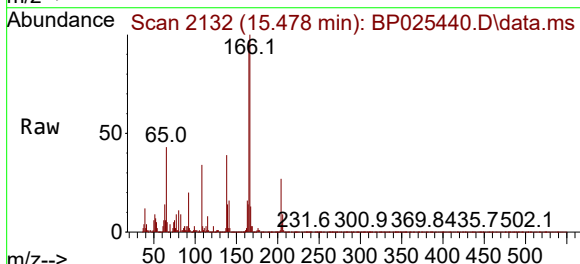
Instrument :
BNA_P
ClientSampleId :
PB169275BS

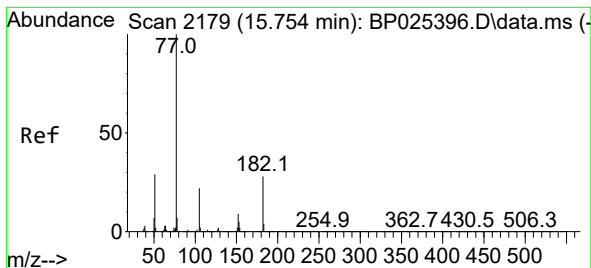
Tgt Ion:204 Resp: 455728
Ion Ratio Lower Upper
204 100
206 31.9 25.8 38.8
141 63.8 49.4 74.2



#62
4-Nitroaniline
Concen: 35.419 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:138 Resp: 226098
Ion Ratio Lower Upper
138 100
92 51.3 29.1 69.1
108 88.2 61.5 101.5





#63

Azobenzene

Concen: 39.441 ng

RT: 15.760 min Scan# 2179

Delta R.T. 0.006 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

Tgt Ion: 77 Resp: 901060

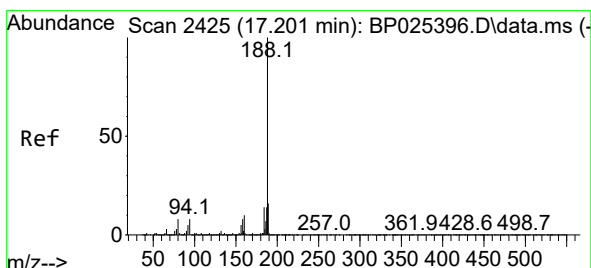
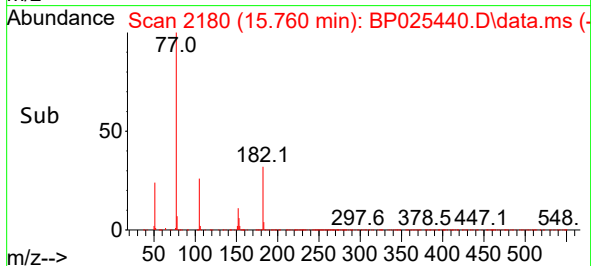
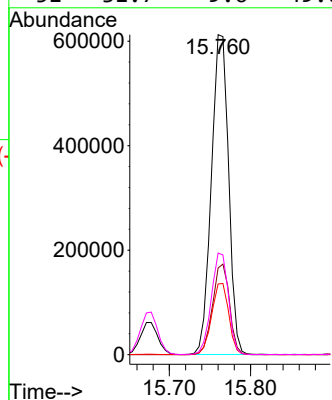
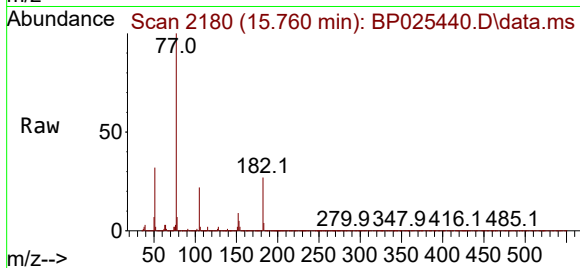
Ion Ratio Lower Upper

77 100

182 27.1 7.5 47.5

105 22.1 2.1 42.1

51 31.7 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

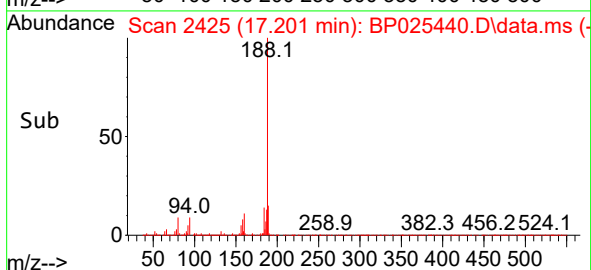
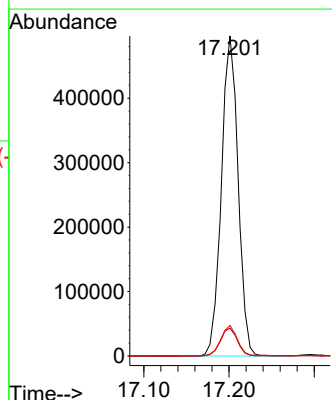
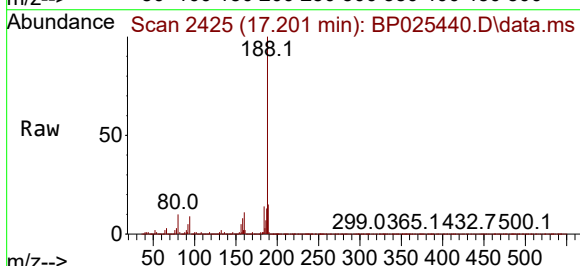
Tgt Ion:188 Resp: 675805

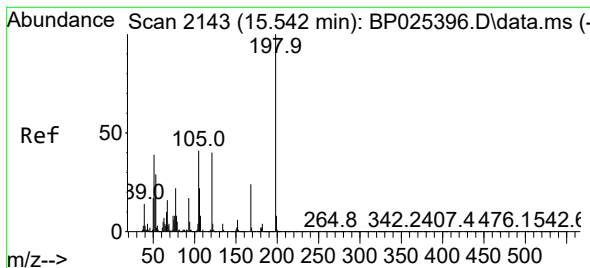
Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.5 6.7 10.1

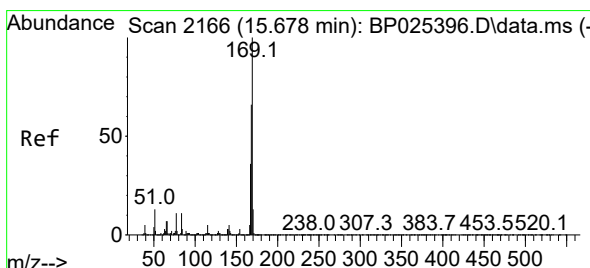
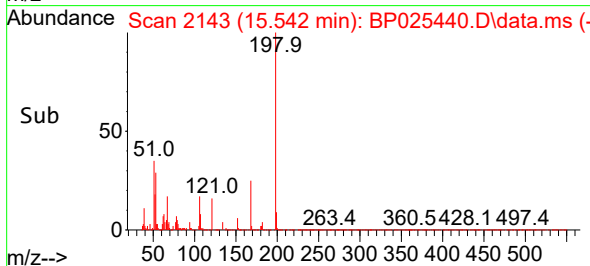
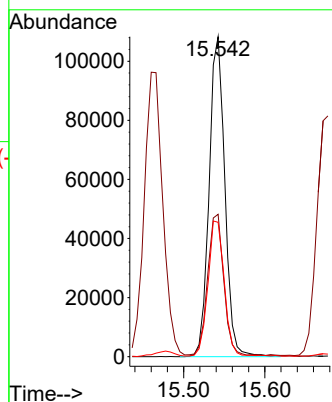
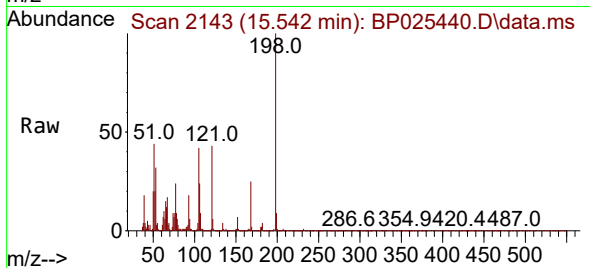




#65
4,6-Dinitro-2-methylphenol
Concen: 34.513 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

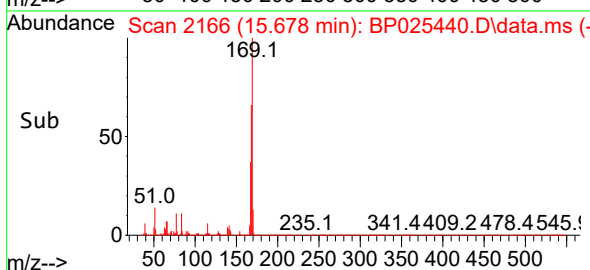
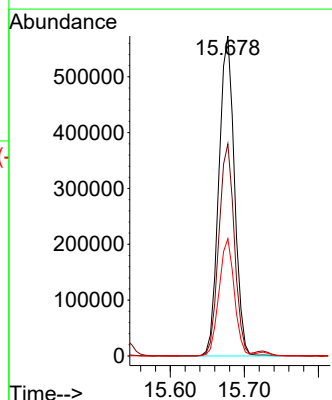
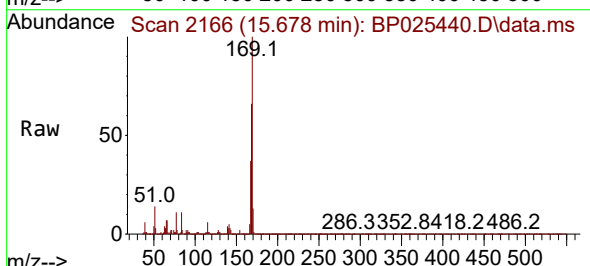
Instrument :
BNA_P
ClientSampleId :
PB169275BS

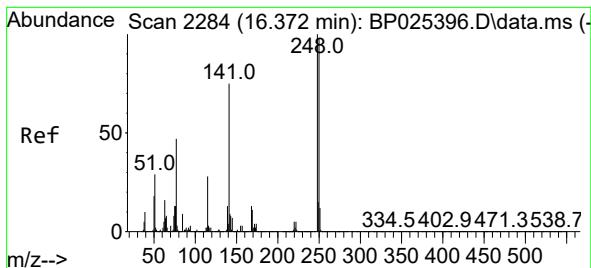
Tgt Ion:198 Resp: 145391
Ion Ratio Lower Upper
198 100
51 44.5 19.6 59.6
105 42.0 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 40.633 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:169 Resp: 837361
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.6 28.7 43.1

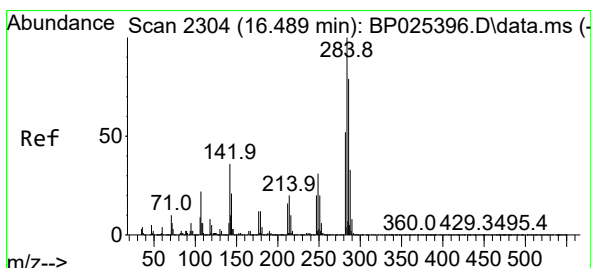
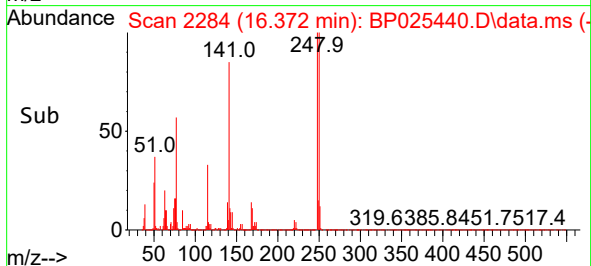
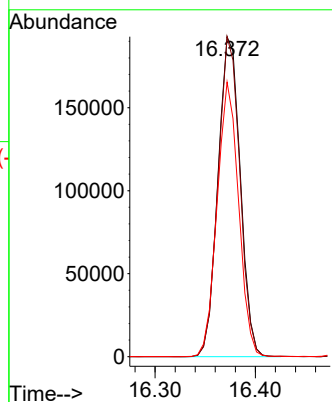
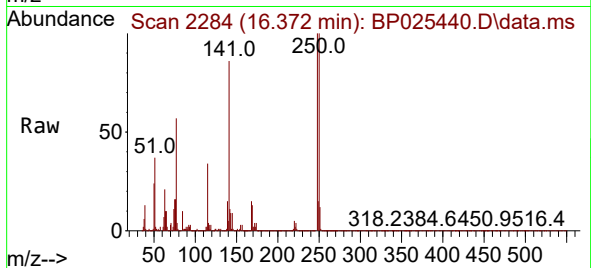




#67
4-Bromophenyl-phenylether
Concen: 40.077 ng
RT: 16.372 min Scan# 210
Delta R.T. 0.000 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

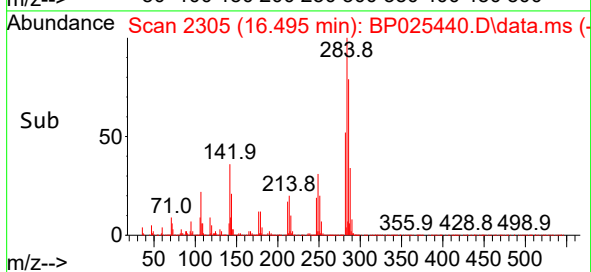
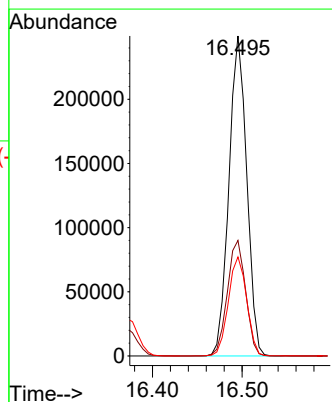
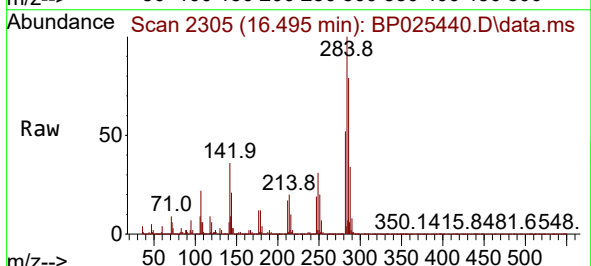
Instrument :
BNA_P
ClientSampleId :
PB169275BS

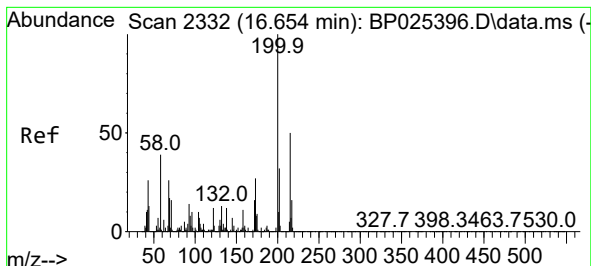
Tgt Ion:248 Resp: 297875
Ion Ratio Lower Upper
248 100
250 100.0 78.2 117.2
141 85.8 59.6 89.4



#68
Hexachlorobenzene
Concen: 39.843 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:284 Resp: 343286
Ion Ratio Lower Upper
284 100
142 36.1 29.1 43.7
249 30.9 25.0 37.4





#69

Atrazine

Concen: 39.912 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

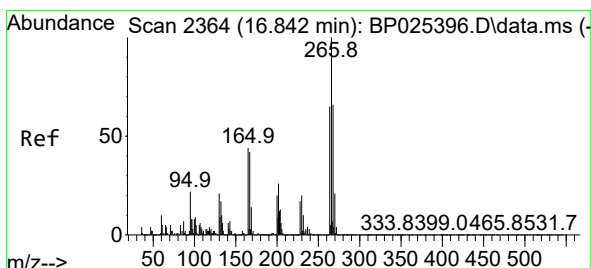
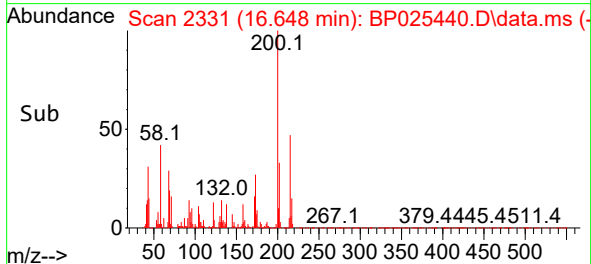
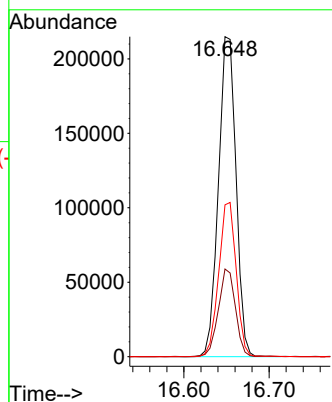
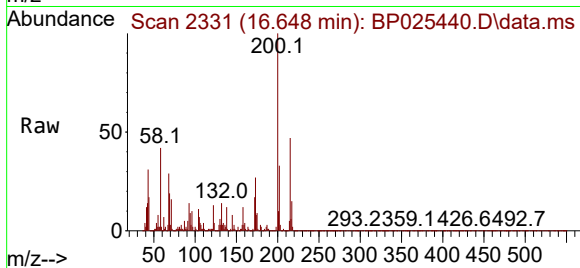
Tgt Ion:200 Resp: 308033

Ion Ratio Lower Upper

200 100

173 27.4 6.7 46.7

215 47.5 29.7 69.7



#70

Pentachlorophenol

Concen: 85.409 ng

RT: 16.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

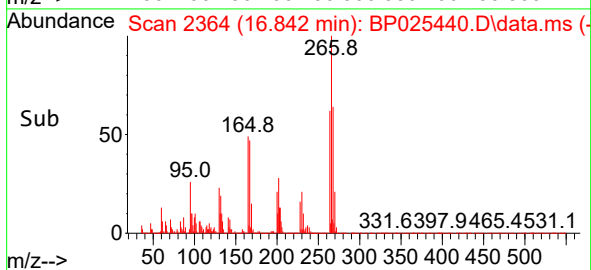
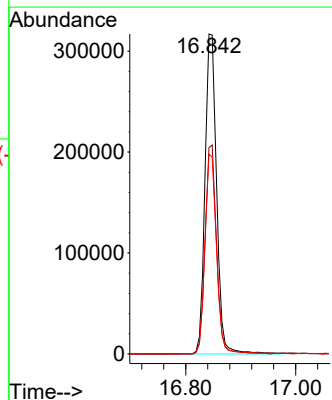
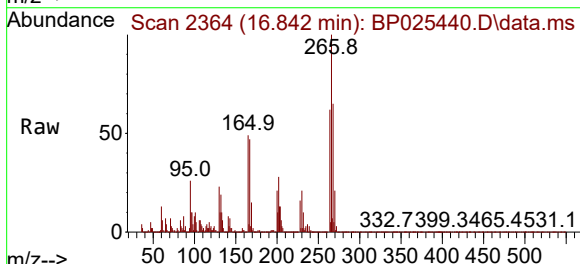
Tgt Ion:266 Resp: 464522

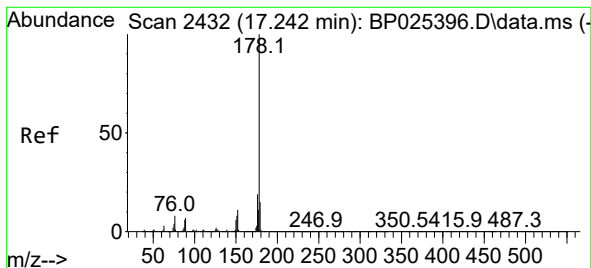
Ion Ratio Lower Upper

266 100

268 64.5 52.6 79.0

264 62.5 52.0 78.0





#71

Phenanthrene

Concen: 40.071 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

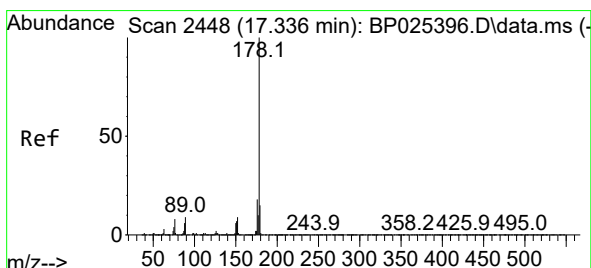
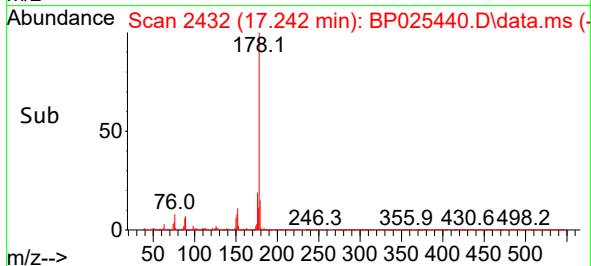
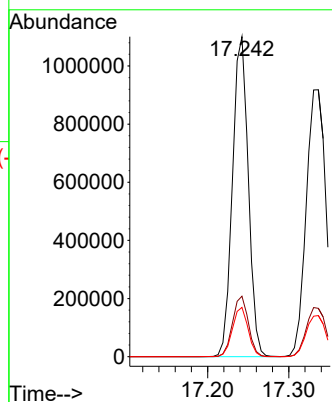
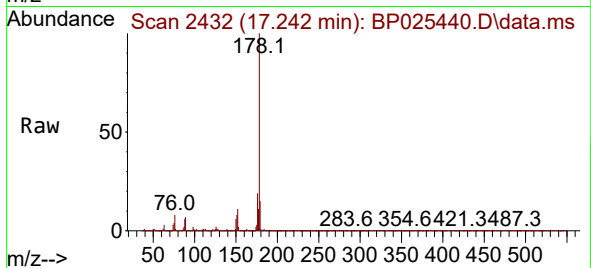
Tgt Ion:178 Resp: 1487597

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 15.4 12.2 18.4



#72

Anthracene

Concen: 41.205 ng

RT: 17.336 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

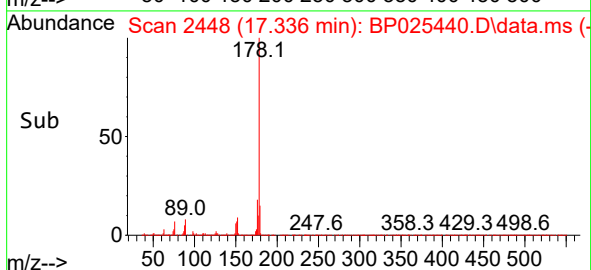
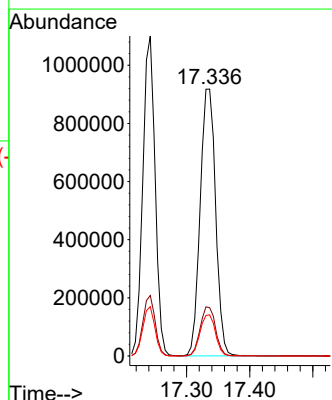
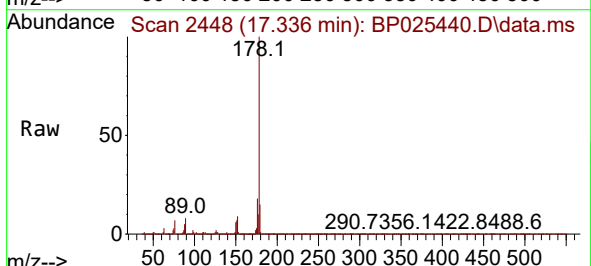
Tgt Ion:178 Resp: 1562142

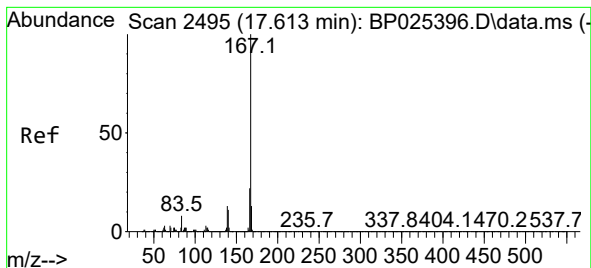
Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 15.4 12.2 18.2





#73

Carbazole

Concen: 41.655 ng

RT: 17.613 min Scan# 2495

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

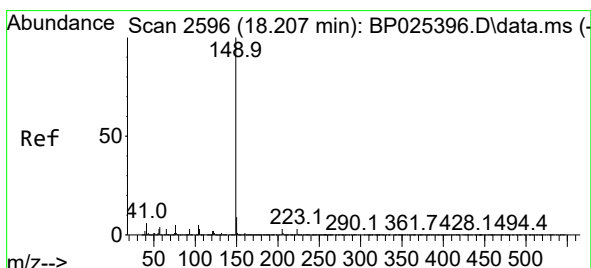
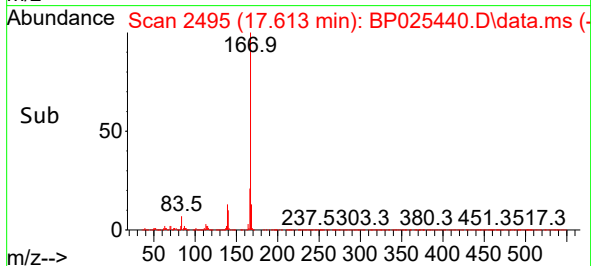
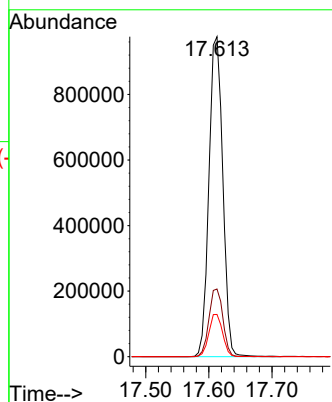
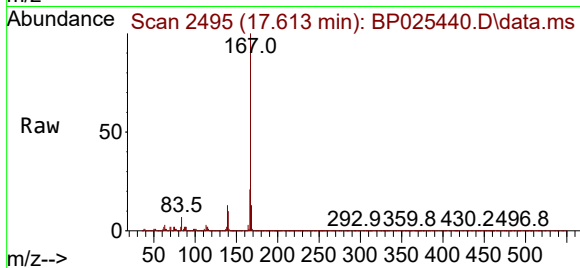
Tgt Ion:167 Resp: 1487469

Ion Ratio Lower Upper

167 100

166 21.1 17.5 26.3

139 13.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 39.008 ng

RT: 18.213 min Scan# 2597

Delta R.T. 0.006 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

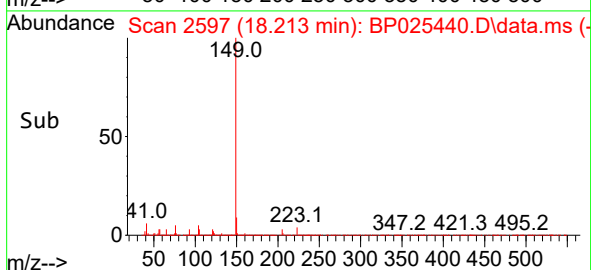
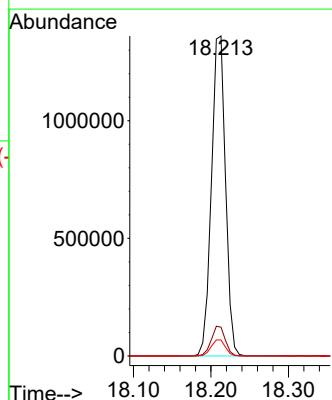
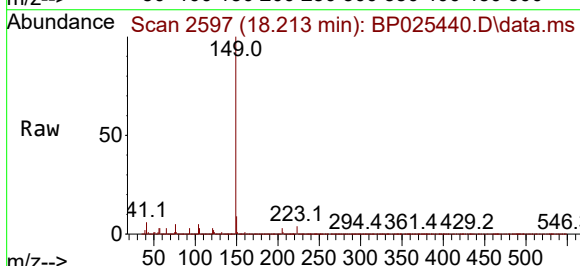
Tgt Ion:149 Resp: 1713786

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 41.938 ng

RT: 19.325 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

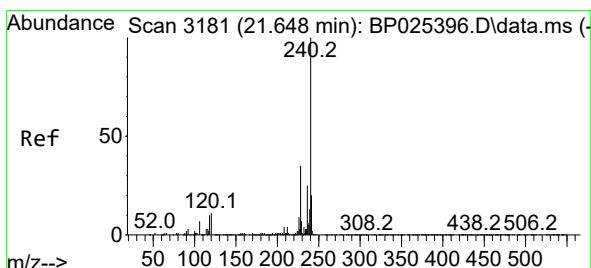
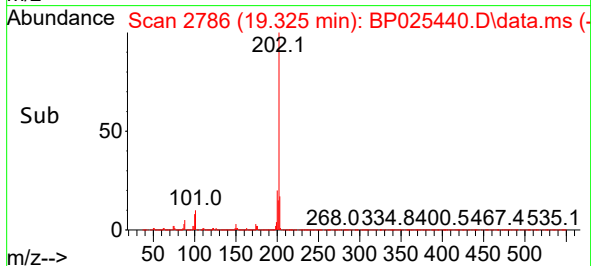
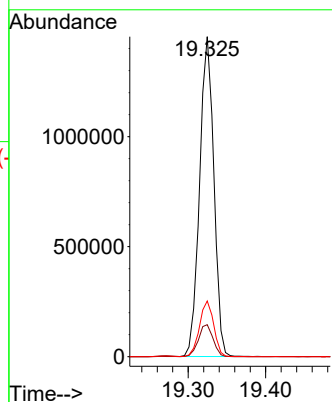
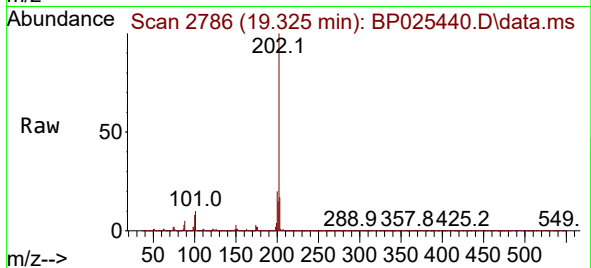
Tgt Ion:202 Resp: 1857132

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.1

203 17.4 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

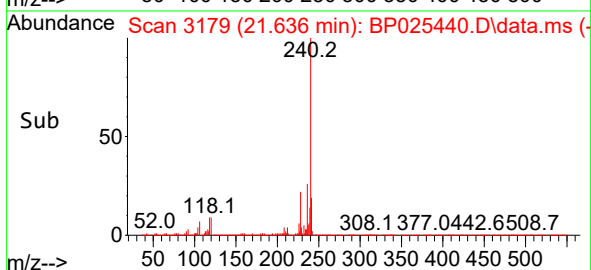
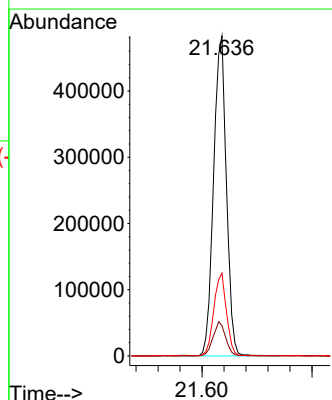
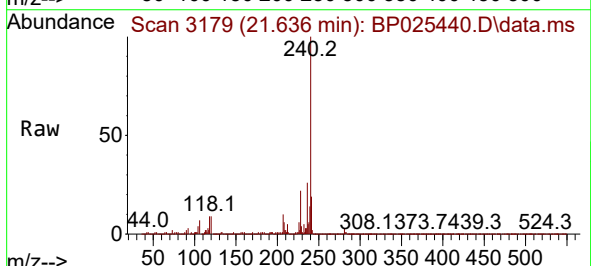
Tgt Ion:240 Resp: 782158

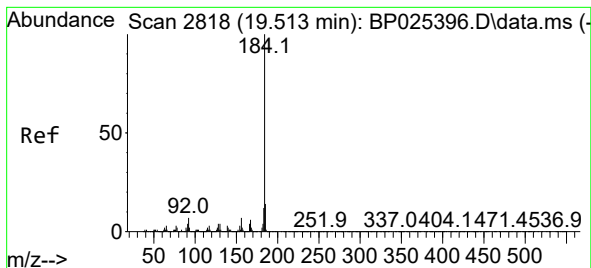
Ion Ratio Lower Upper

240 100

120 9.4 8.9 13.3

236 25.9 19.8 29.8





#77

Benzidine

Concen: 43.272 ng

RT: 19.513 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

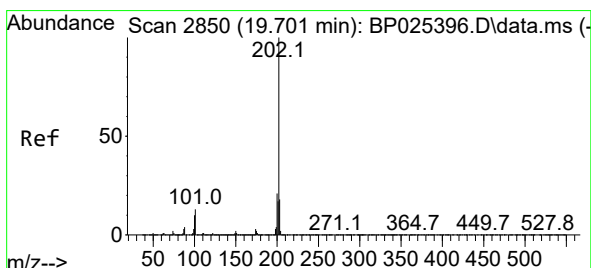
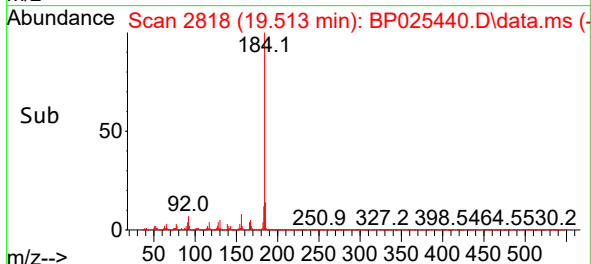
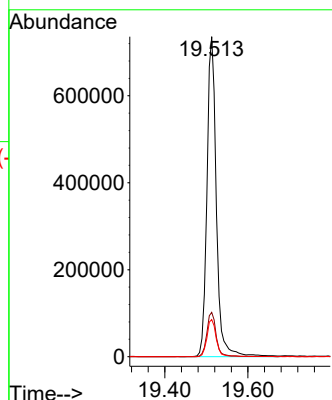
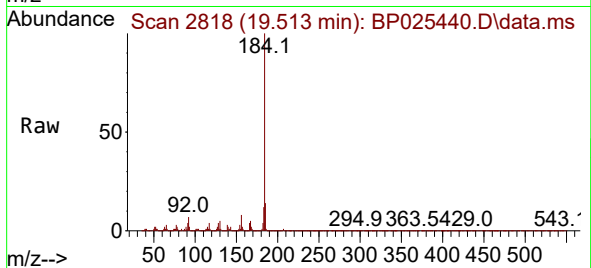
Tgt Ion:184 Resp: 1155068

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 11.6 9.4 14.2



#78

Pyrene

Concen: 38.635 ng

RT: 19.701 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

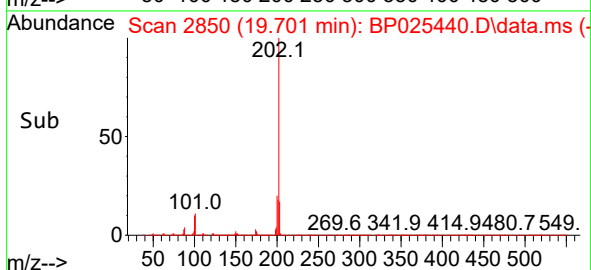
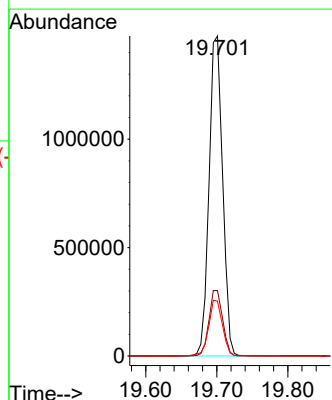
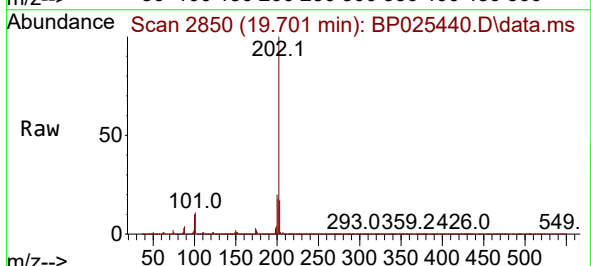
Tgt Ion:202 Resp: 1964133

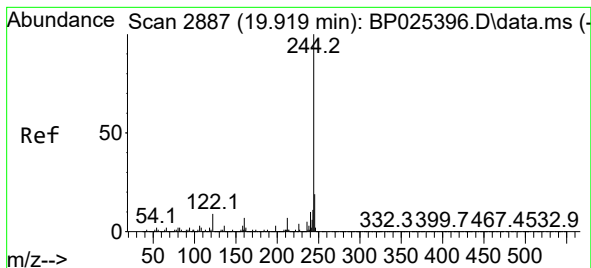
Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 68.586 ng

RT: 19.925 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

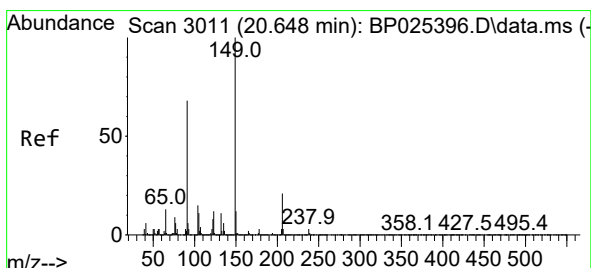
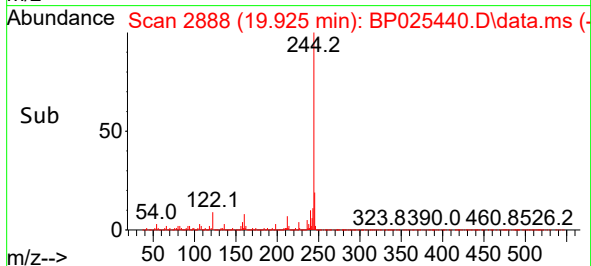
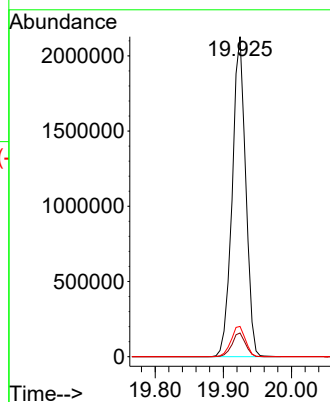
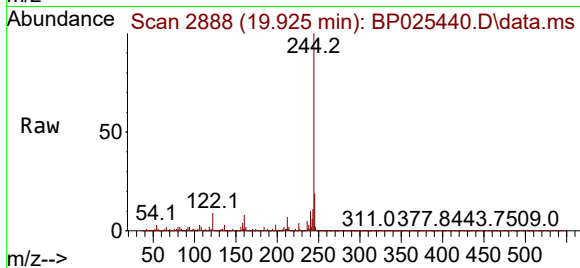
Tgt Ion:244 Resp: 2932093

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.4 7.4 11.2



#80

Butylbenzylphthalate

Concen: 39.431 ng

RT: 20.648 min Scan# 3011

Delta R.T. 0.000 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

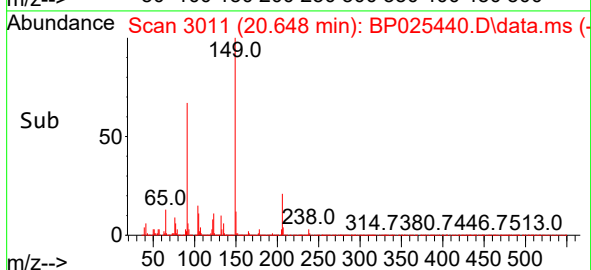
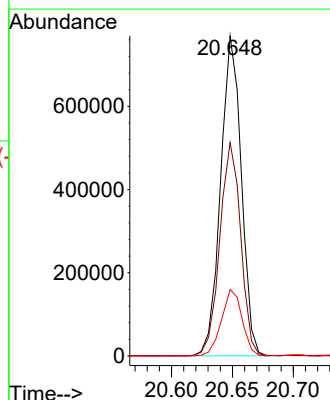
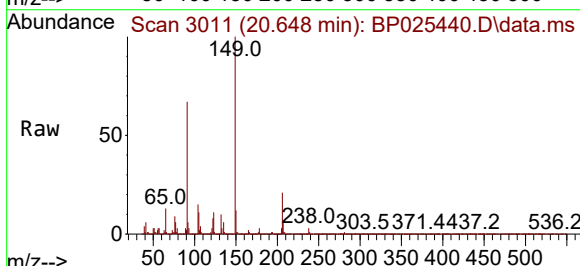
Tgt Ion:149 Resp: 908498

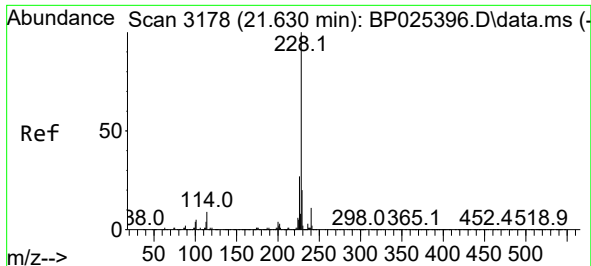
Ion Ratio Lower Upper

149 100

91 66.7 54.2 81.2

206 20.8 16.6 24.8

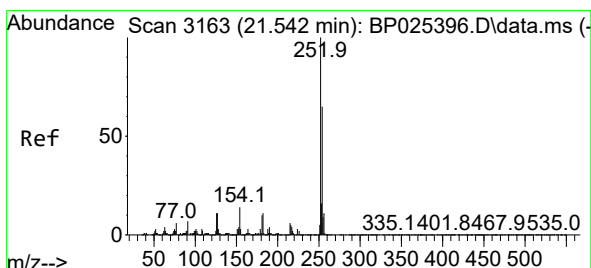
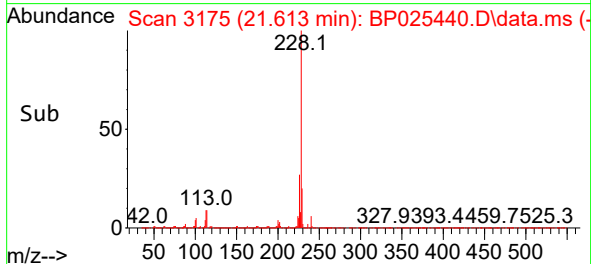
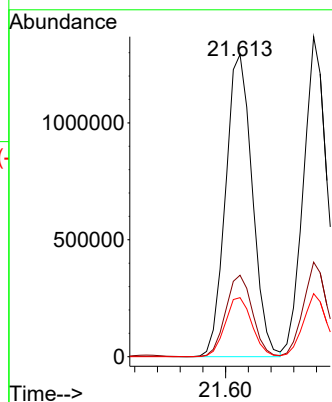
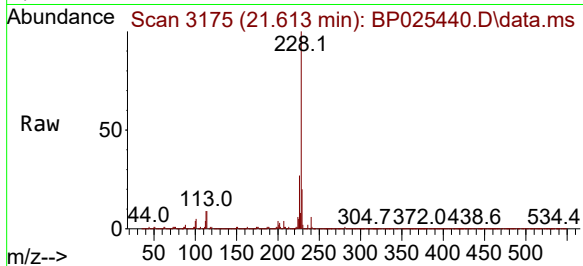




#81
Benzo(a)anthracene
Concen: 40.903 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.018 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

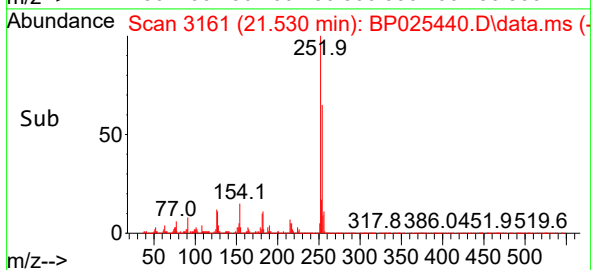
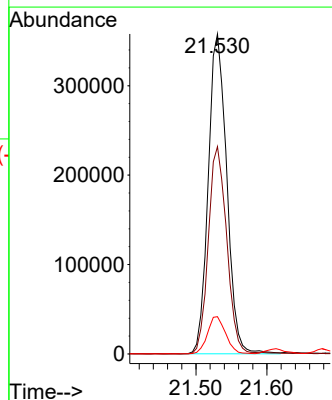
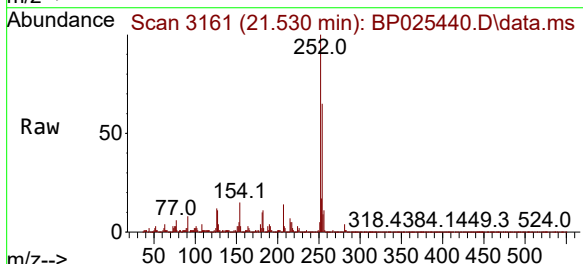
Instrument :
BNA_P
ClientSampleId :
PB169275BS

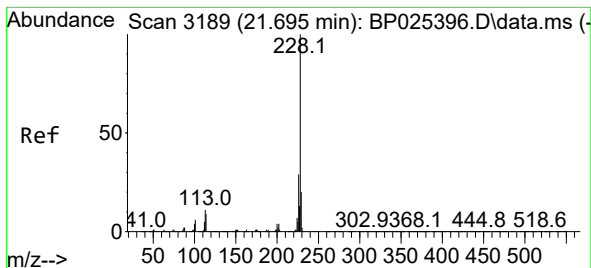
Tgt Ion:228 Resp: 2109915
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.5 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 33.328 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BP025440.D
Acq: 16 Aug 2025 01:13

Tgt Ion:252 Resp: 648008
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 11.7 9.1 13.7





#83

Chrysene

Concen: 41.381 ng

RT: 21.677 min Scan# 3186

Delta R.T. -0.018 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

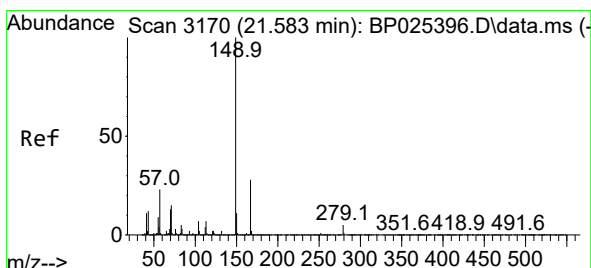
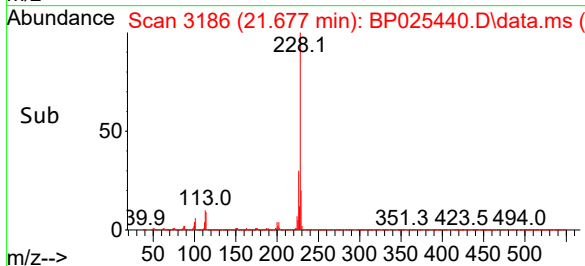
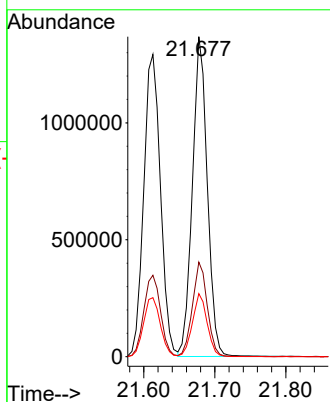
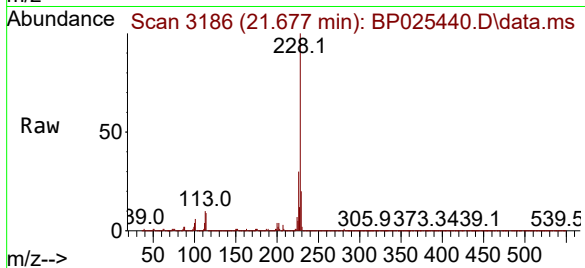
Tgt Ion:228 Resp: 1999016

Ion Ratio Lower Upper

228 100

226 29.5 23.2 34.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.708 ng

RT: 21.566 min Scan# 3167

Delta R.T. -0.018 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

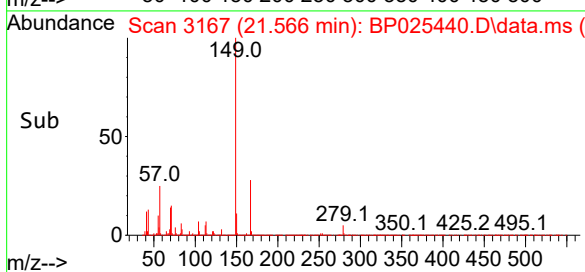
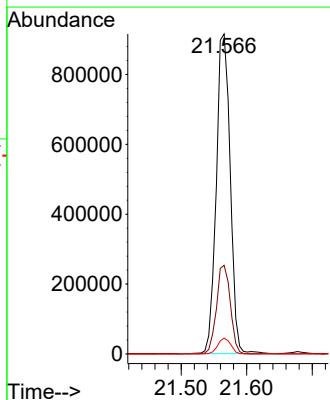
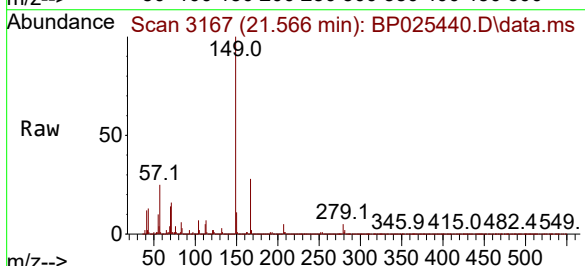
Tgt Ion:149 Resp: 1346772

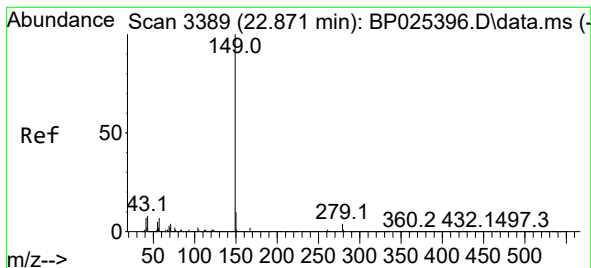
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 41.010 ng

RT: 22.848 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

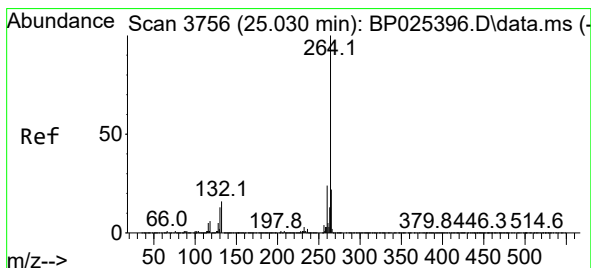
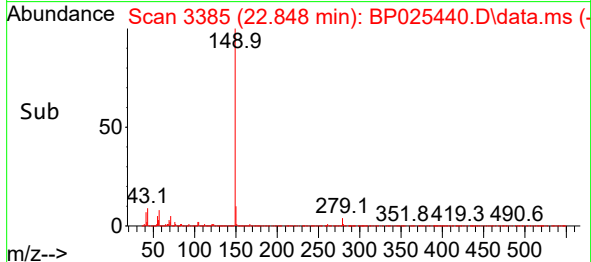
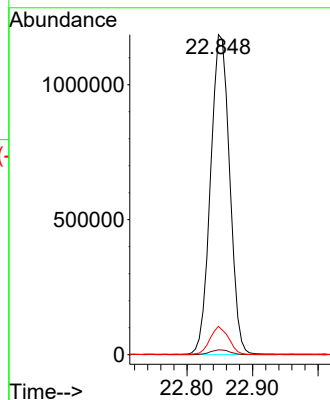
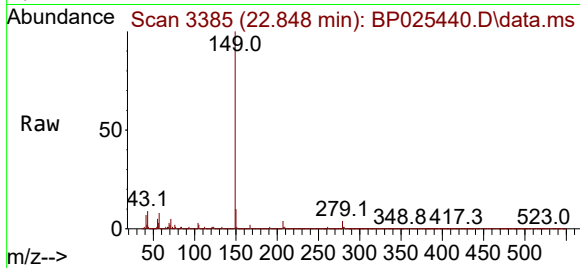
Tgt Ion:149 Resp: 2392459

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3750

Delta R.T. -0.035 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

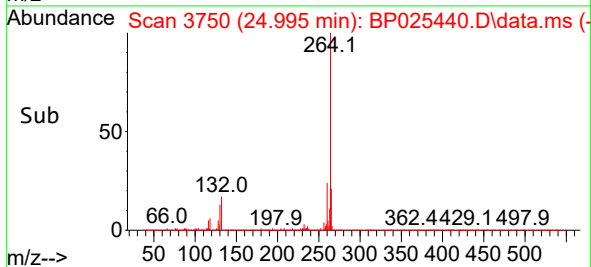
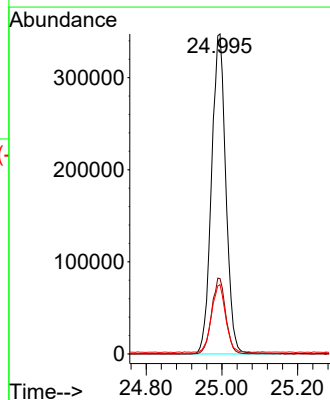
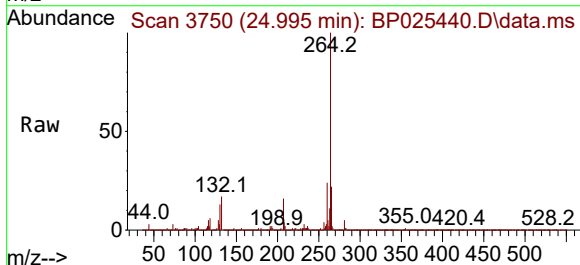
Tgt Ion:264 Resp: 908232

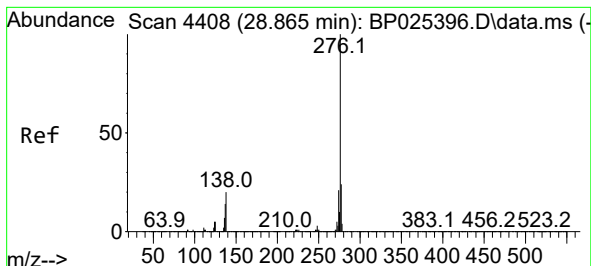
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.342 ng

RT: 28.812 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

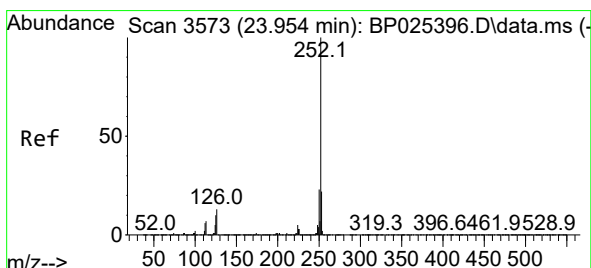
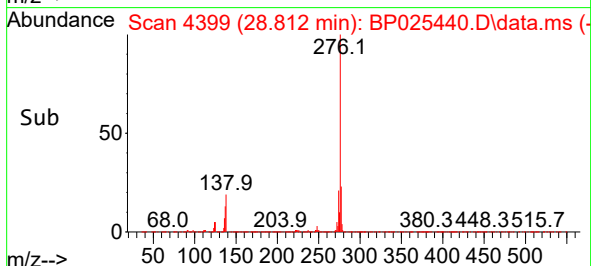
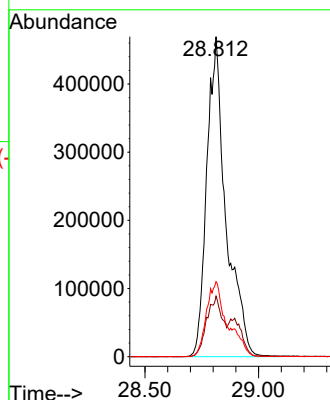
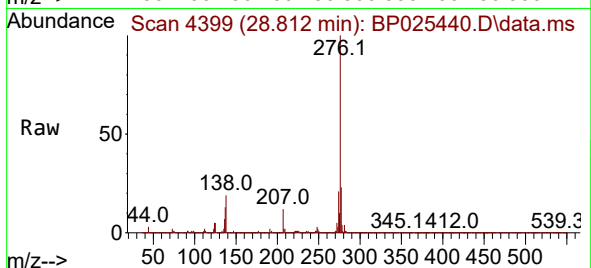
Tgt Ion:276 Resp: 2753599

Ion Ratio Lower Upper

276 100

138 15.7 12.9 19.3

277 20.4 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 40.704 ng

RT: 23.948 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

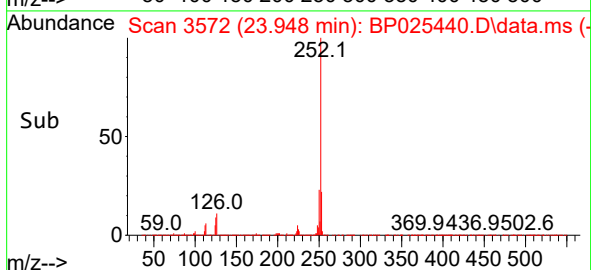
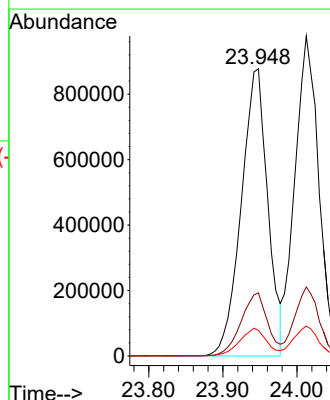
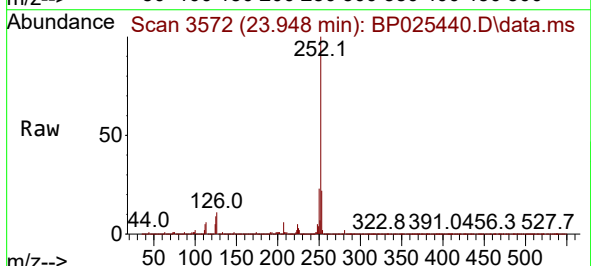
Tgt Ion:252 Resp: 2179936

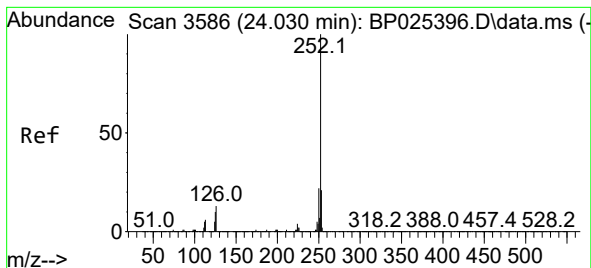
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 40.900 ng

RT: 24.013 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

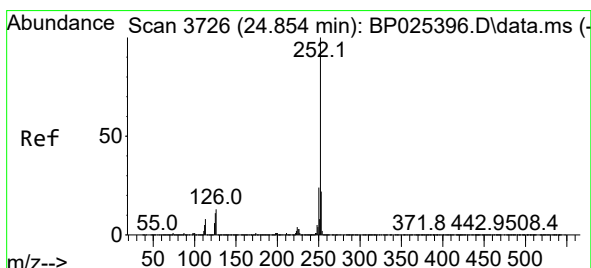
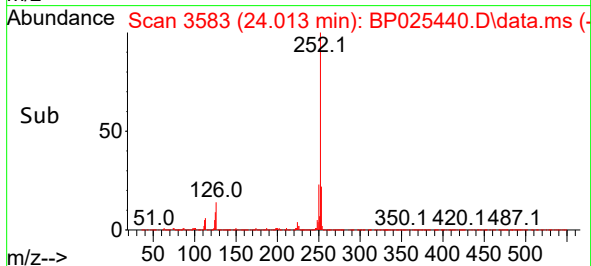
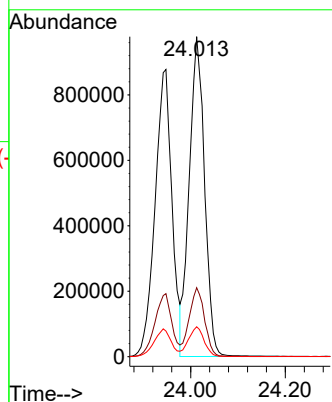
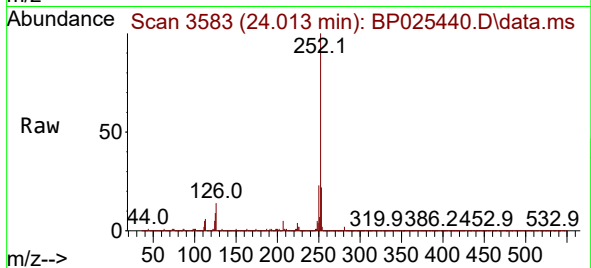
Tgt Ion:252 Resp: 2191943

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 9.3 7.8 11.6



#90

Benzo(a)pyrene

Concen: 40.509 ng

RT: 24.842 min Scan# 3724

Delta R.T. -0.012 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

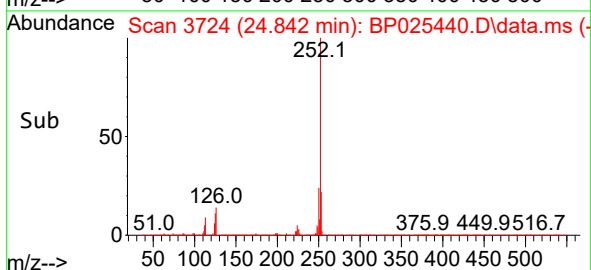
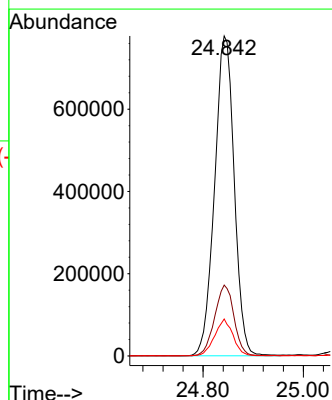
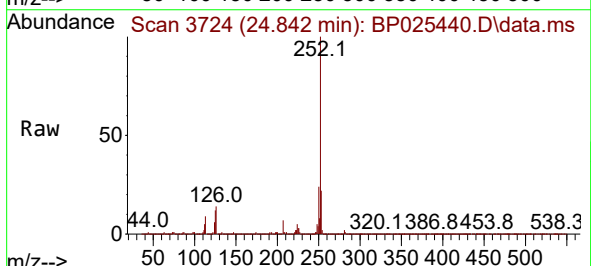
Tgt Ion:252 Resp: 2111811

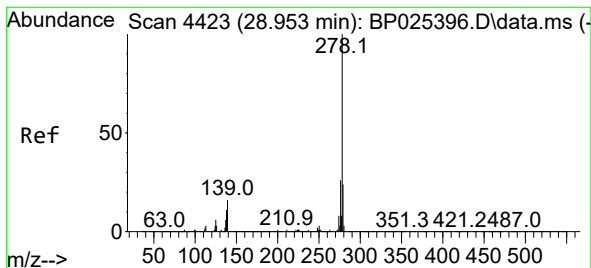
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.5 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 40.844 ng

RT: 28.895 min Scan# 44

Delta R.T. -0.059 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Instrument :

BNA_P

ClientSampleId :

PB169275BS

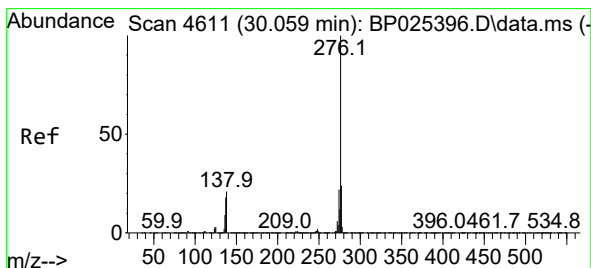
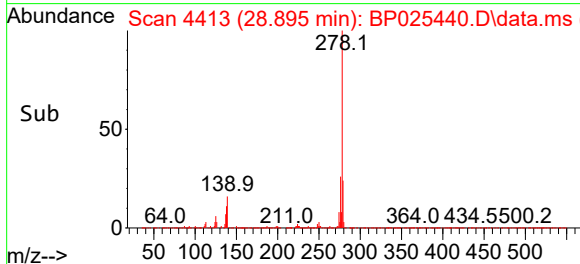
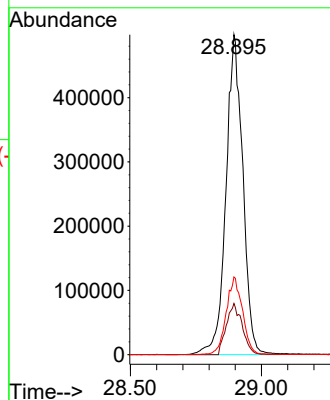
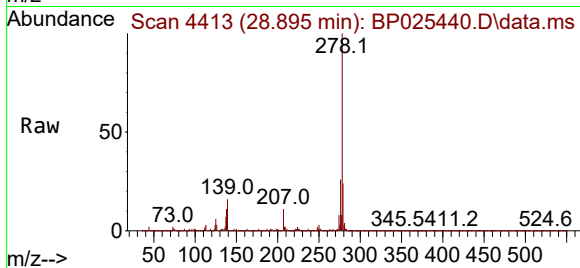
Tgt Ion:278 Resp: 2223171

Ion Ratio Lower Upper

278 100

139 16.0 13.0 19.4

279 24.3 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 41.289 ng

RT: 30.006 min Scan# 4602

Delta R.T. -0.053 min

Lab File: BP025440.D

Acq: 16 Aug 2025 01:13

Tgt Ion:276 Resp: 2209159

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.0

138 20.6 16.7 25.1

