

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025424.D
 Acq On : 15 Aug 2025 11:59
 Operator : CG/JU
 Sample : PB169230BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169230BS

Quant Time: Aug 15 12:24:12 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	169971	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	670319	20.000	ng	0.00
39) Acenaphthene-d10	14.396	164	424018	20.000	ng	-0.01
64) Phenanthrene-d10	17.190	188	812951	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	911094	20.000	ng	0.00
86) Perylene-d12	25.019	264	1094193	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1156544	113.000	ng	0.00
7) Phenol-d6	6.972	99	1449790	110.485	ng	0.00
23) Nitrobenzene-d5	8.931	82	922542	69.619	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	632733	110.863	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2128772	68.614	ng	0.00
79) Terphenyl-d14	19.919	244	3276717	65.800	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	178151	44.438	ng	99
3) Pyridine	3.726	79	351940	32.073	ng	97
4) n-Nitrosodimethylamine	3.631	42	183440	40.550	ng	97
6) Aniline	7.125	93	575167	32.532	ng	98
8) 2-Chlorophenol	7.361	128	461335	39.944	ng	99
9) Benzaldehyde	6.937	77	219291	23.853	ng	95
10) Phenol	6.996	94	556276	40.400	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	398485	37.131	ng	98
12) 1,3-Dichlorobenzene	7.684	146	486604	38.209	ng	99
13) 1,4-Dichlorobenzene	7.825	146	493901	37.943	ng	99
14) 1,2-Dichlorobenzene	8.137	146	473554	37.582	ng	98
15) Benzyl Alcohol	8.019	79	400986	38.459	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.308	45	537421	37.382	ng	98
17) 2-Methylphenol	8.225	107	379222	39.655	ng	99
18) Hexachloroethane	8.861	117	185309	38.719	ng	96
19) n-Nitroso-di-n-propyla...	8.584	70	306664	35.282	ng	96
20) 3+4-Methylphenols	8.543	107	514736	38.831	ng	97
22) Acetophenone	8.596	105	645991	38.428	ng	# 98
24) Nitrobenzene	8.972	77	470422	39.722	ng	98
25) Isophorone	9.496	82	867444	36.989	ng	99
26) 2-Nitrophenol	9.672	139	238004	39.160	ng	99
27) 2,4-Dimethylphenol	9.737	122	426335	40.790	ng	98
28) bis(2-Chloroethoxy)met...	9.966	93	533145	37.610	ng	98
29) 2,4-Dichlorophenol	10.208	162	430899	41.501	ng	100
30) 1,2,4-Trichlorobenzene	10.419	180	439417	38.606	ng	99
31) Naphthalene	10.608	128	1343452	38.560	ng	99
32) Benzoic acid	9.878	122	306370	39.703	ng	98
33) 4-Chloroaniline	10.702	127	385406	25.043	ng	99
34) Hexachlorobutadiene	10.896	225	272129	38.391	ng	98
35) Caprolactam	11.490	113	146622	38.511	ng	95
36) 4-Chloro-3-methylphenol	11.831	107	486472	40.832	ng	97
37) 2-Methylnaphthalene	12.213	142	864478	38.128	ng	99
38) 1-Methylnaphthalene	12.431	142	898180	37.251	ng	100
40) 1,2,4,5-Tetrachloroben...	12.578	216	483197	39.457	ng	99
41) Hexachlorocyclopentadiene	12.566	237	636193	86.005	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	343891	41.596	ng	99

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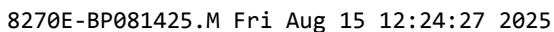
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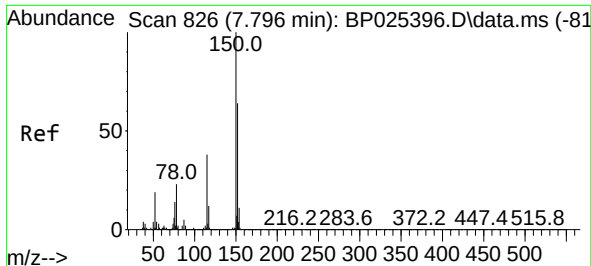
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	381721	42.128	ng	98
46) 1,1'-Biphenyl	13.225	154	1235911	40.134	ng	99
47) 2-Chloronaphthalene	13.266	162	949832	39.620	ng	99
48) 2-Nitroaniline	13.460	65	296397	42.432	ng	99
49) Acenaphthylene	14.119	152	1568169	39.531	ng	100
50) Dimethylphthalate	13.849	163	1223759	39.412	ng	100
51) 2,6-Dinitrotoluene	13.960	165	270344	41.309	ng	93
52) Acenaphthene	14.460	154	911236	39.134	ng	99
53) 3-Nitroaniline	14.290	138	223962	30.416	ng	95
54) 2,4-Dinitrophenol	14.501	184	319395	91.387	ng	97
55) Dibenzofuran	14.796	168	1435621	38.997	ng	98
56) 4-Nitrophenol	14.607	139	509537	84.213	ng	94
57) 2,4-Dinitrotoluene	14.754	165	389153	41.677	ng	97
58) Fluorene	15.460	166	1123848	38.689	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	327248	40.903	ng	99
60) Diethylphthalate	15.231	149	1237967	39.238	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	548873	37.992	ng	98
62) 4-Nitroaniline	15.466	138	293368	38.864	ng	95
63) Azobenzene	15.748	77	1081923	40.048	ng	98
65) 4,6-Dinitro-2-methylph...	15.531	198	215285	42.483	ng	94
66) n-Nitrosodiphenylamine	15.666	169	1020090	41.149	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	357730	40.010	ng	98
68) Hexachlorobenzene	16.484	284	421113	40.631	ng	97
69) Atrazine	16.648	200	371199	39.983	ng	99
70) Pentachlorophenol	16.831	266	569065	86.979	ng	99
71) Phenanthrene	17.237	178	1834594	41.081	ng	99
72) Anthracene	17.325	178	1867641	40.953	ng	99
73) Carbazole	17.601	167	1745068	40.625	ng	99
74) Di-n-butylphthalate	18.207	149	2153331	40.744	ng	100
75) Fluoranthene	19.319	202	2161988	40.586	ng	99
77) Benzidine	19.513	184	1323440	42.563	ng	99
78) Pyrene	19.695	202	2262750	38.210	ng	100
80) Butylbenzylphthalate	20.654	149	1053807	39.265	ng	99
81) Benzo(a)anthracene	21.625	228	2464717	41.019	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	686690	30.320	ng	99
83) Chrysene	21.695	228	2304341	40.951	ng	99
84) Bis(2-ethylhexyl)phtha...	21.578	149	1594510	40.360	ng	100
85) Di-n-octyl phthalate	22.860	149	2830250	41.649	ng	99
87) Indeno(1,2,3-cd)pyrene	28.848	276	3386531	42.203	ng	99
88) Benzo(b)fluoranthene	23.936	252	2671223	41.401	ng	99
89) Benzo(k)fluoranthene	24.024	252	2607648	40.388	ng	100
90) Benzo(a)pyrene	24.866	252	2585640	41.168	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	2746421	41.882	ng	98
92) Benzo(g,h,i)perylene	30.018	276	1615238	25.058	ng	99

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

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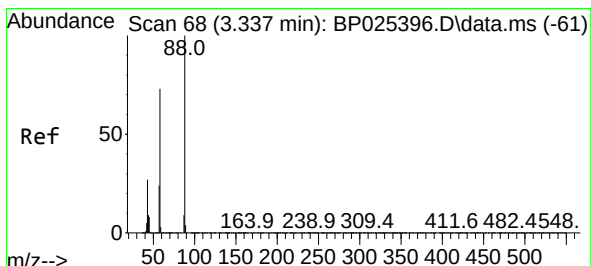
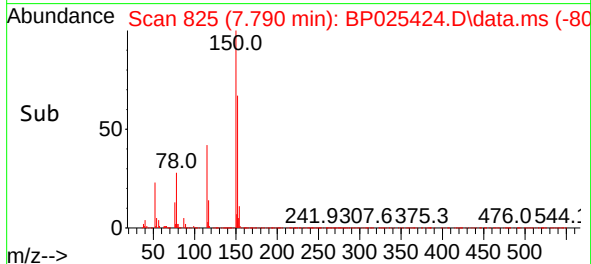
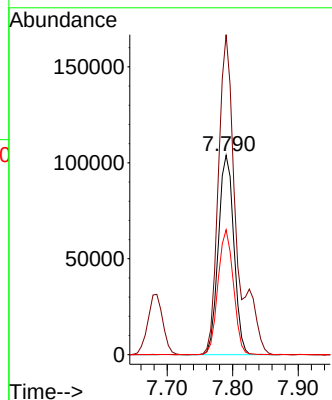
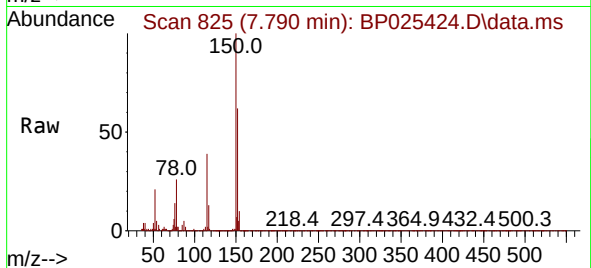




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025424.D
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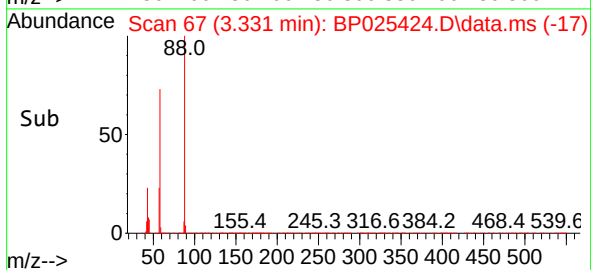
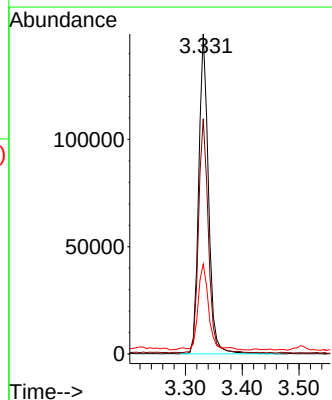
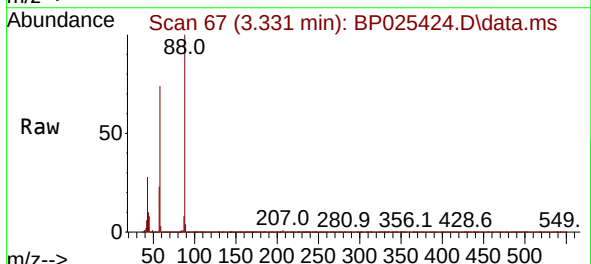
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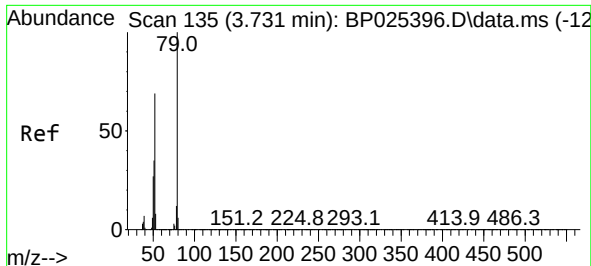
Tgt Ion:152 Resp: 169971
 Ion Ratio Lower Upper
 152 100
 150 160.6 125.9 188.9
 115 62.7 48.5 72.7



#2
 1,4-Dioxane
 Concen: 44.438 ng
 RT: 3.331 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

Tgt Ion: 88 Resp: 178151
 Ion Ratio Lower Upper
 88 100
 58 73.9 59.2 88.8
 43 28.8 21.7 32.5

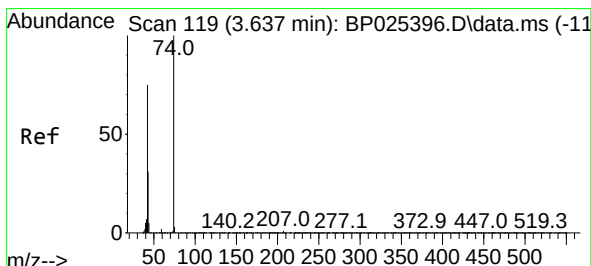
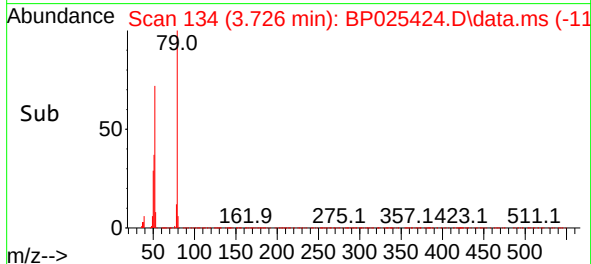
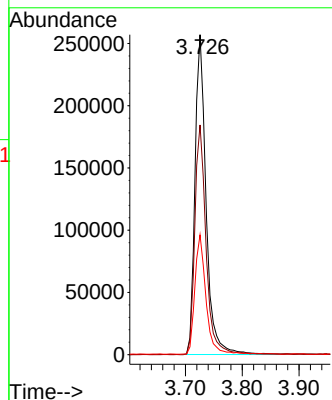
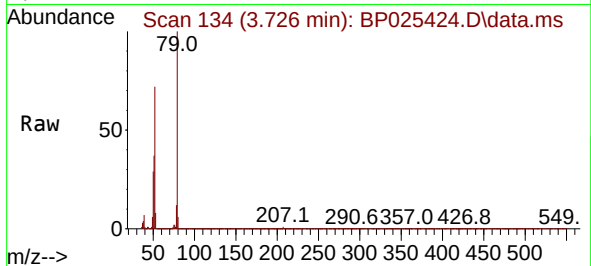




#3
 Pyridine
 Concen: 32.073 ng
 RT: 3.726 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

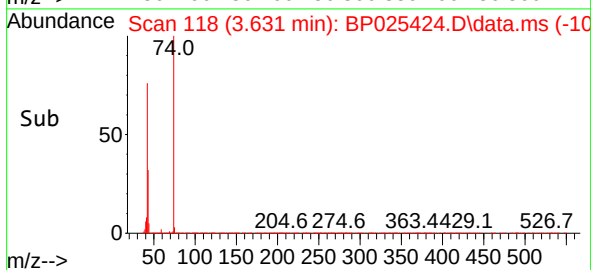
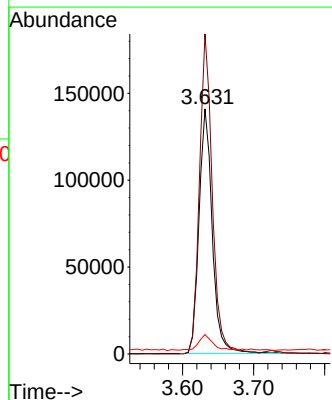
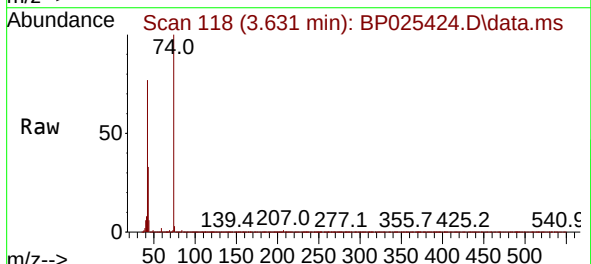
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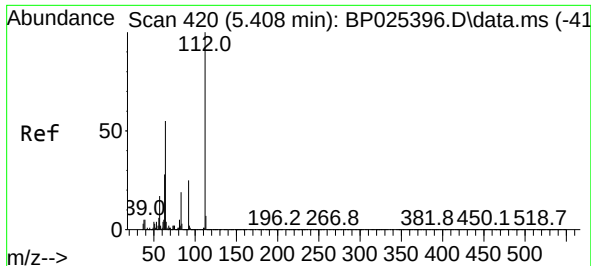
Tgt Ion: 79 Resp: 351940
 Ion Ratio Lower Upper
 79 100
 52 71.8 55.5 83.3
 51 37.5 28.3 42.5



#4
 n-Nitrosodimethylamine
 Concen: 40.550 ng
 RT: 3.631 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

Tgt Ion: 42 Resp: 183440
 Ion Ratio Lower Upper
 42 100
 74 130.5 107.0 160.4
 44 7.9 6.2 9.4

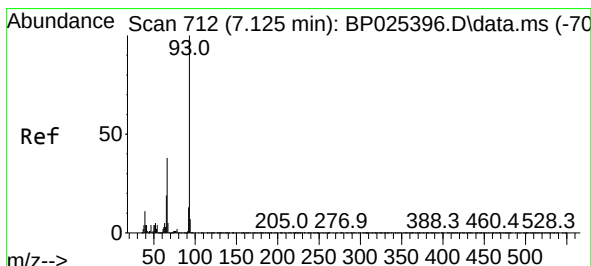
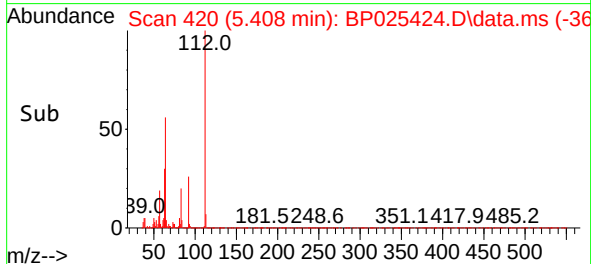
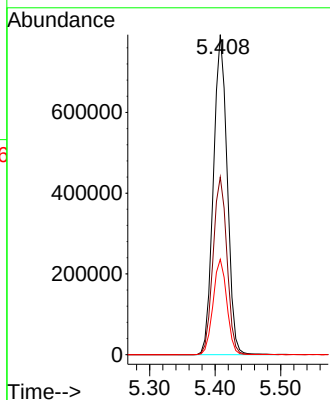
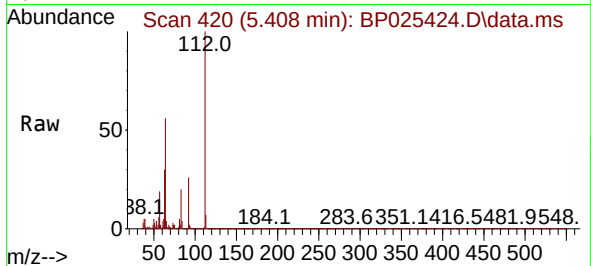




#5
2-Fluorophenol
Concen: 113.000 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

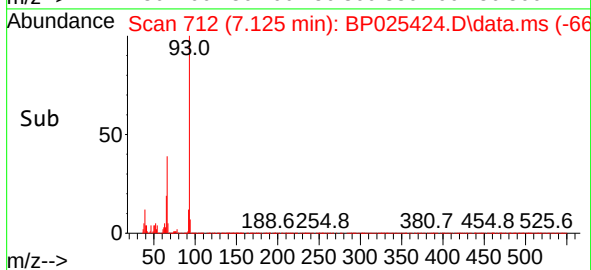
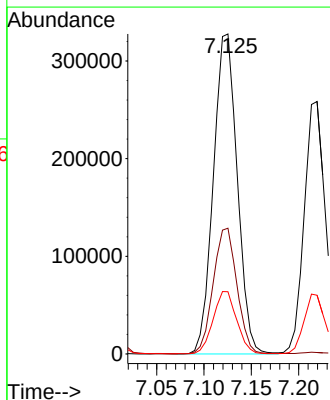
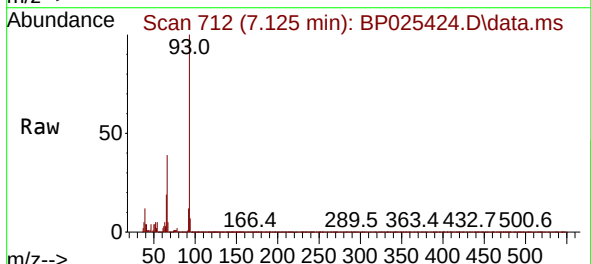
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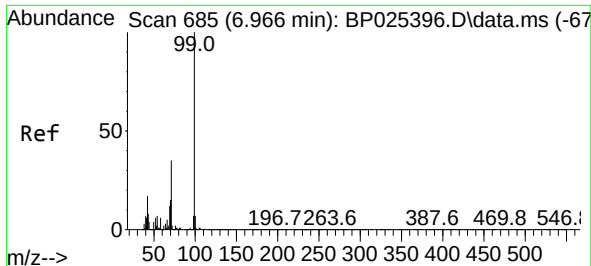
Tgt Ion:112 Resp: 1156544
Ion Ratio Lower Upper
112 100
64 55.5 43.8 65.8
63 29.8 22.7 34.1



#6
Aniline
Concen: 32.532 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion: 93 Resp: 575167
Ion Ratio Lower Upper
93 100
66 39.3 30.4 45.6
65 19.5 15.3 22.9

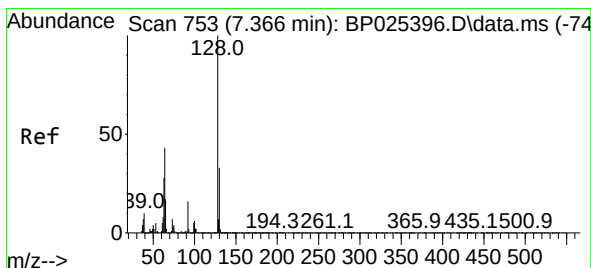
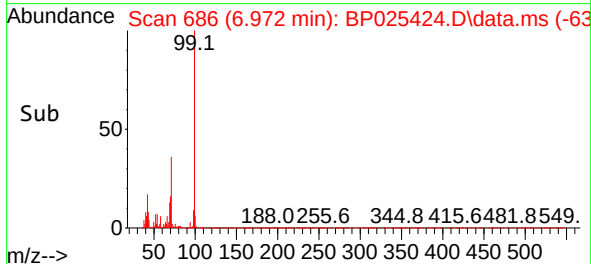
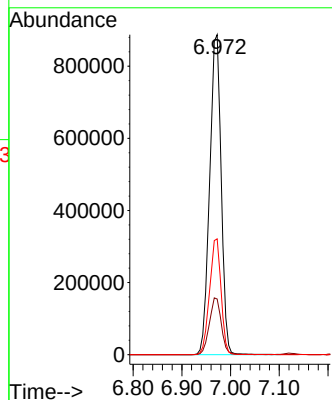
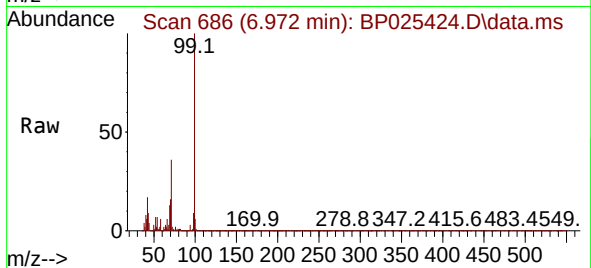




#7
Phenol-d6
Concen: 110.485 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

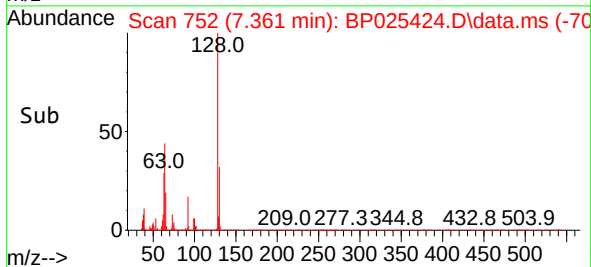
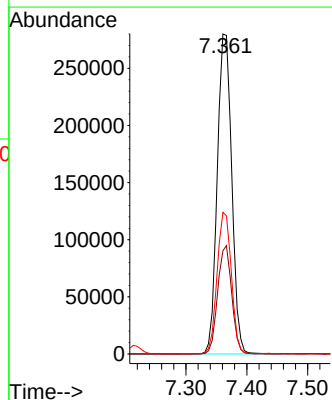
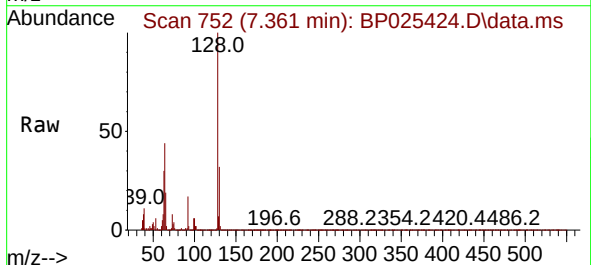
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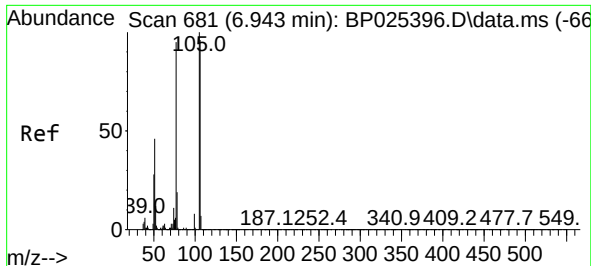
Tgt Ion: 99 Resp: 1449790
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 36.2 28.2 42.4



#8
2-Chlorophenol
Concen: 39.944 ng
RT: 7.361 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion: 128 Resp: 461335
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 44.2 23.4 63.4

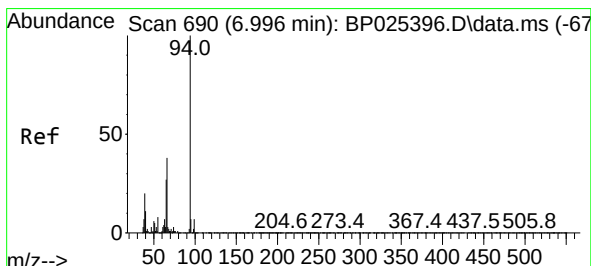
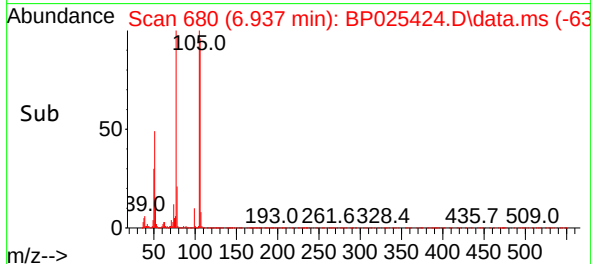
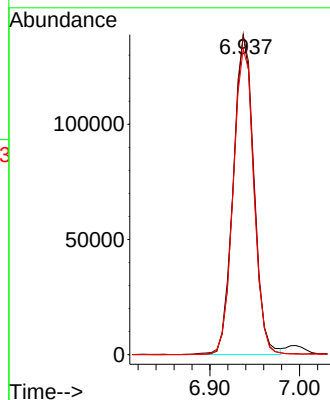
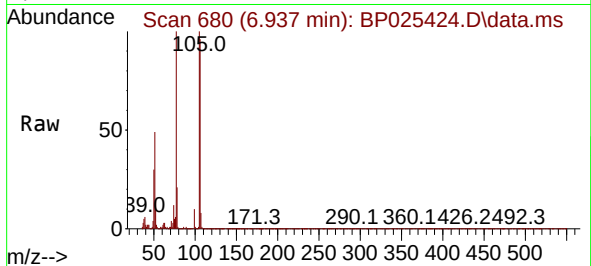




#9
Benzaldehyde
Concen: 23.853 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

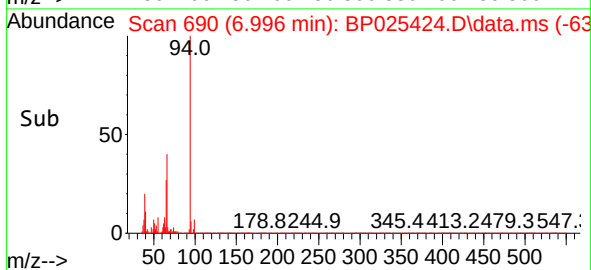
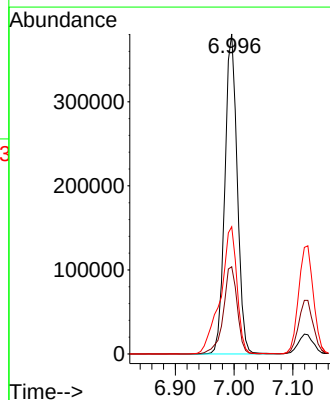
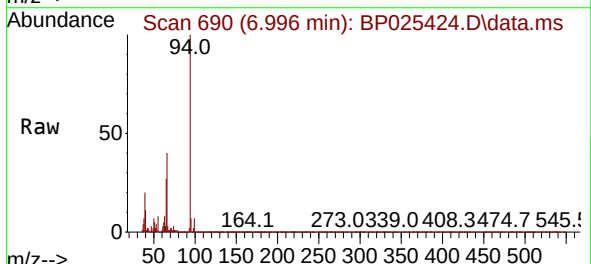
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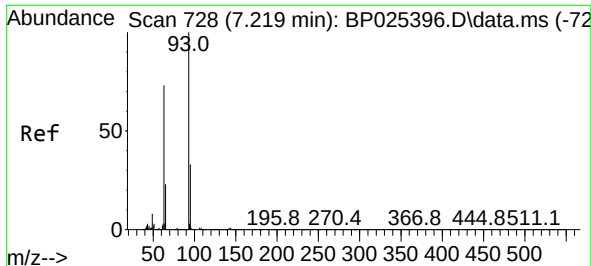
Tgt Ion: 77 Resp: 219291
Ion Ratio Lower Upper
77 100
105 99.6 84.8 124.8
106 95.6 80.5 120.5



#10
Phenol
Concen: 40.400 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025424.D
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Tgt Ion: 94 Resp: 556276
Ion Ratio Lower Upper
94 100
65 27.3 6.8 46.8
66 39.7 18.2 58.2

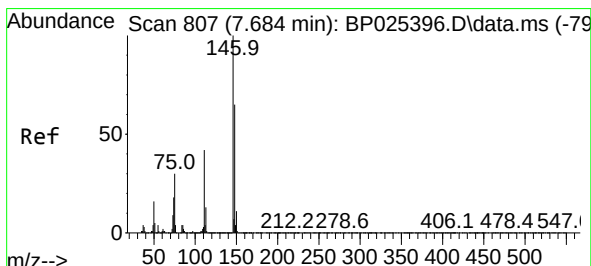
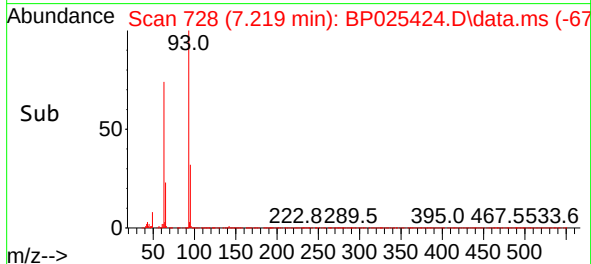
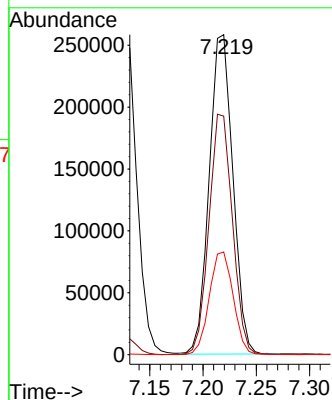
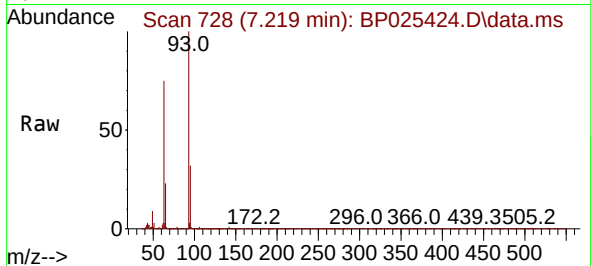




#11
bis(2-Chloroethyl)ether
Concen: 37.131 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

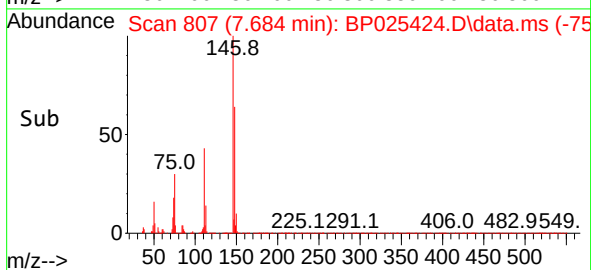
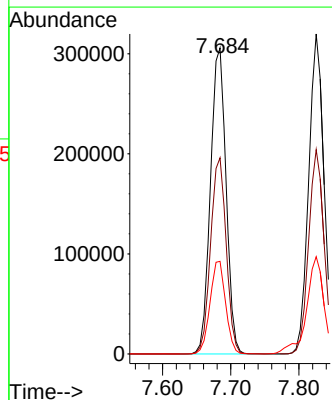
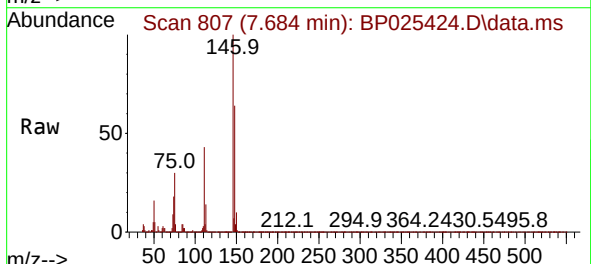
Instrument :
BNA_P
ClientSampleId :
PB169230BS

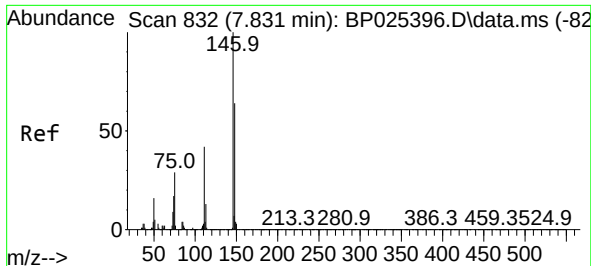
Tgt Ion: 93 Resp: 398485
Ion Ratio Lower Upper
93 100
63 74.6 52.6 92.6
95 32.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.209 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion: 146 Resp: 486604
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 30.3 23.7 35.5

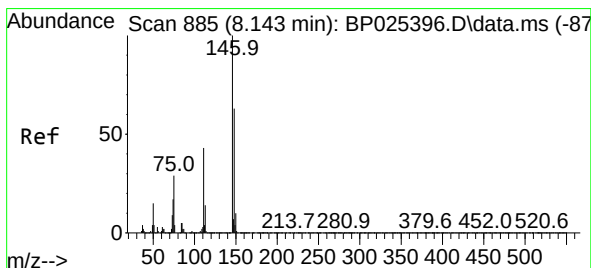
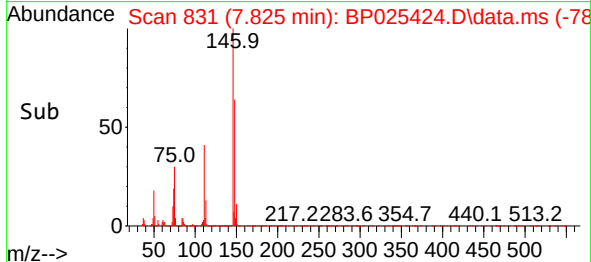
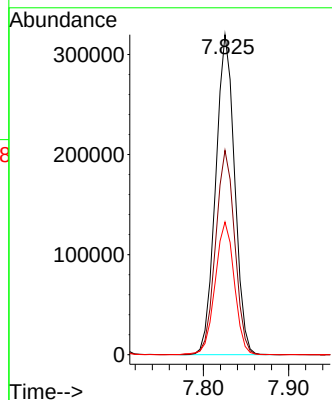
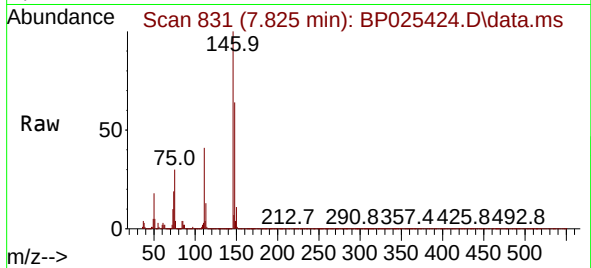




#13
1,4-Dichlorobenzene
Concen: 37.943 ng
RT: 7.825 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

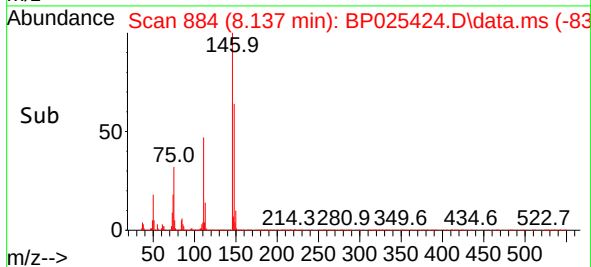
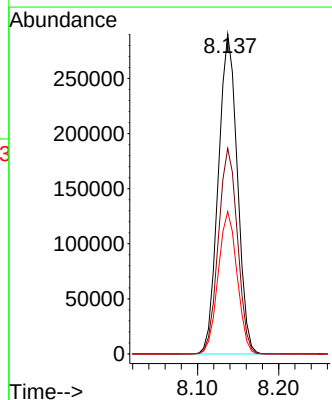
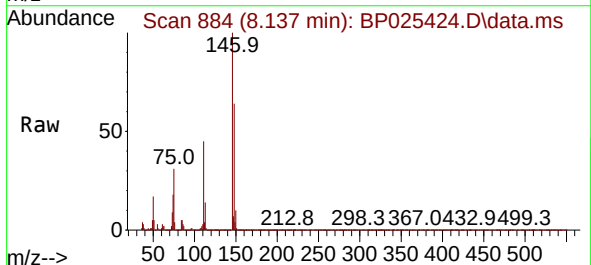
Instrument :
BNA_P
ClientSampleId :
PB169230BS

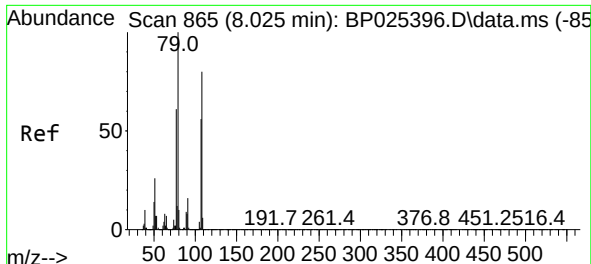
Tgt Ion:146 Resp: 493901
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
111 41.4 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 37.582 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:146 Resp: 473554
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
111 44.5 34.5 51.7

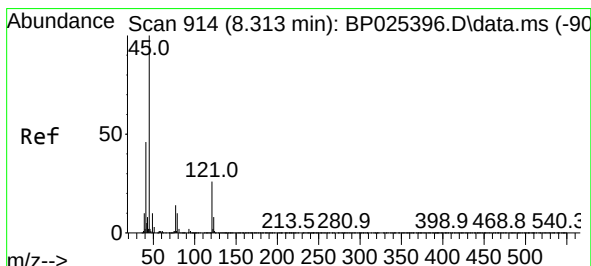
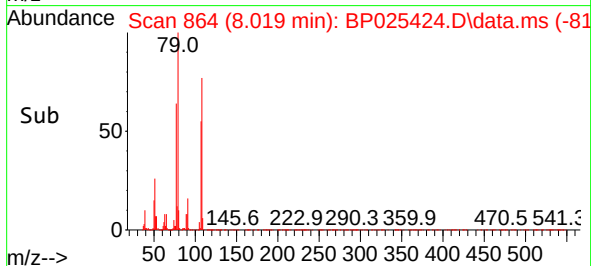
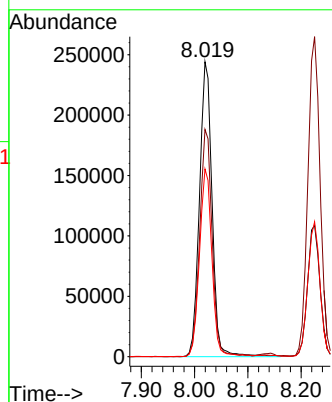
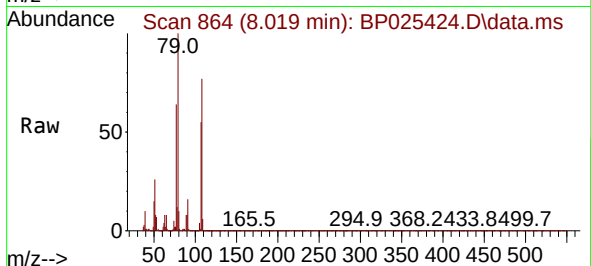




#15
Benzyl Alcohol
Concen: 38.459 ng
RT: 8.019 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

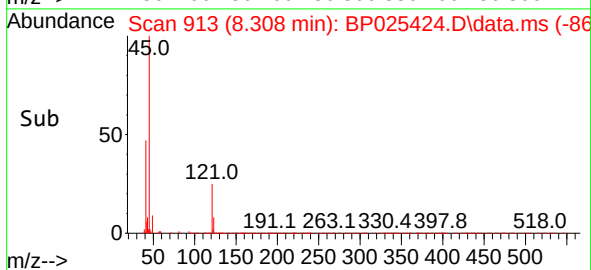
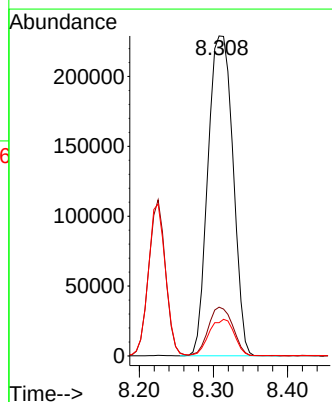
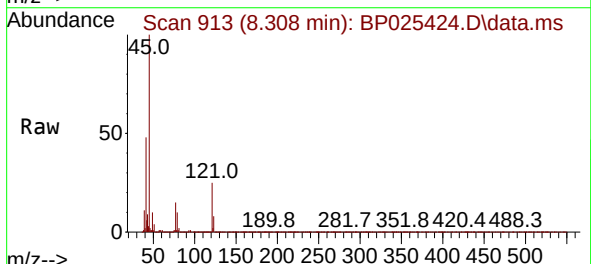
Instrument :
BNA_P
ClientSampleId :
PB169230BS

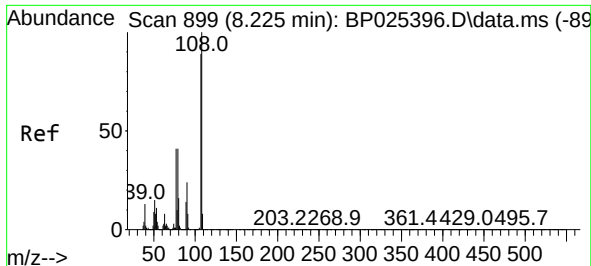
Tgt Ion: 79 Resp: 400986
Ion Ratio Lower Upper
79 100
108 77.0 63.8 95.6
77 63.7 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.382 ng
RT: 8.308 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion: 45 Resp: 537421
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.3
79 10.4 0.0 31.8

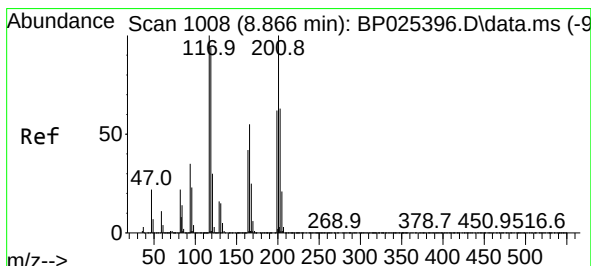
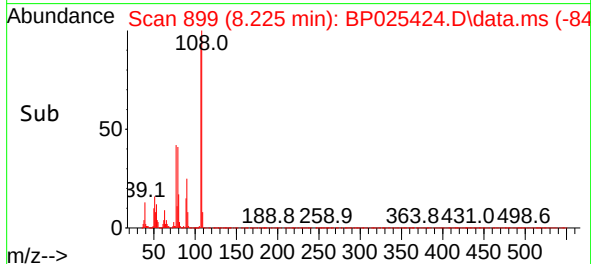
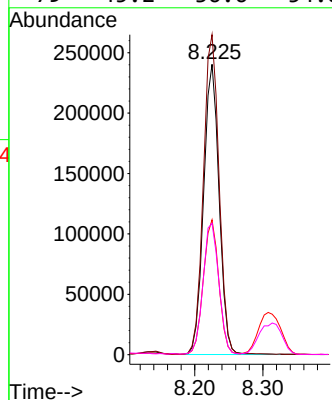
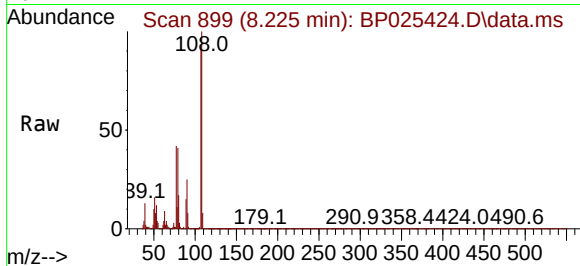




#17
2-Methylphenol
Concen: 39.655 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

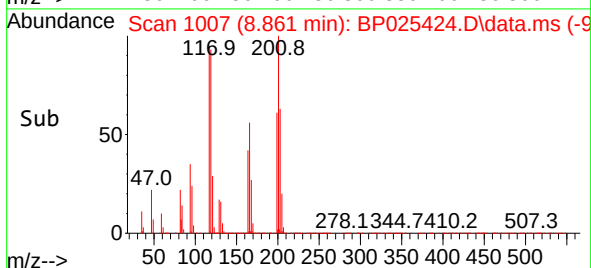
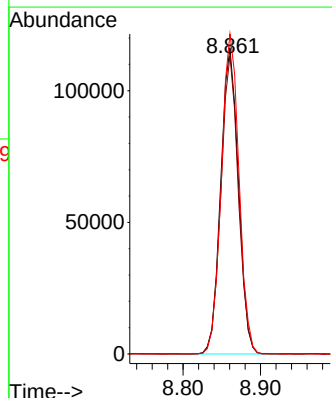
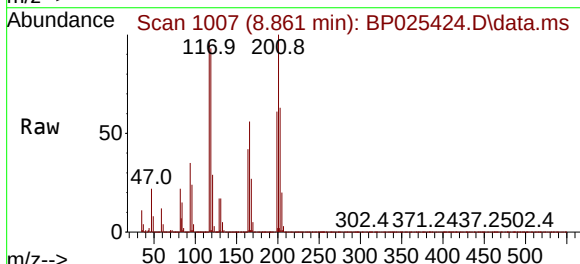
Instrument :
BNA_P
ClientSampleId :
PB169230BS

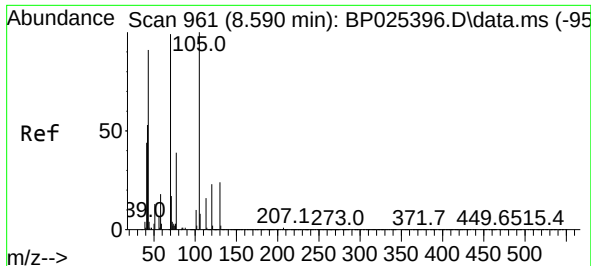
Tgt Ion:	107	Resp:	379222
Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.4	134.0
77	46.5	36.3	54.5
79	45.2	36.6	54.8



#18
Hexachloroethane
Concen: 38.719 ng
RT: 8.861 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:	117	Resp:	185309
Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.1	112.7
201	104.7	80.1	120.1





#19

n-Nitroso-di-n-propylamine

Concen: 35.282 ng

RT: 8.584 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

Tgt Ion: 70 Resp: 306664

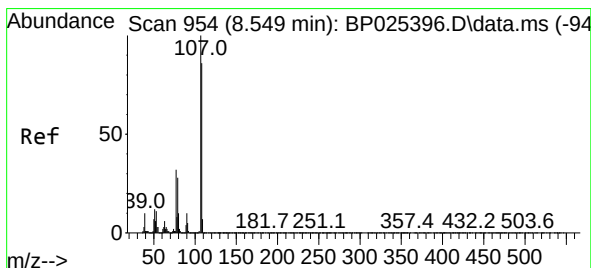
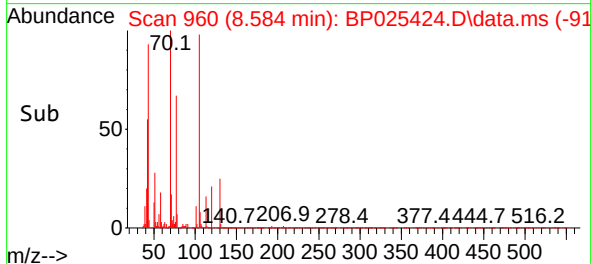
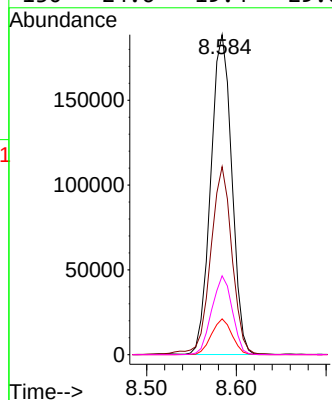
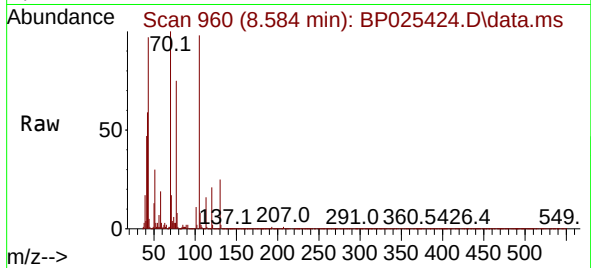
Ion Ratio Lower Upper

70 100

42 58.8 43.8 65.6

101 11.2 8.5 12.7

130 24.6 19.4 29.0



#20

3+4-Methylphenols

Concen: 38.831 ng

RT: 8.543 min Scan# 953

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Tgt Ion: 107 Resp: 514736

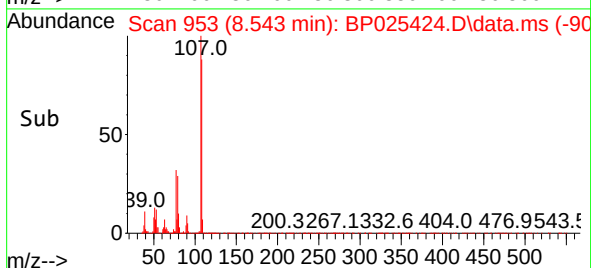
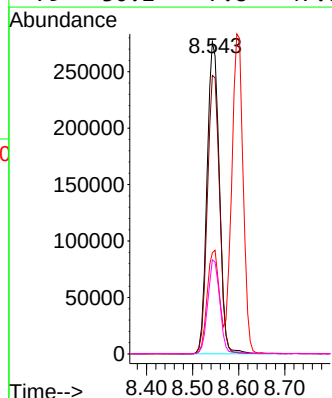
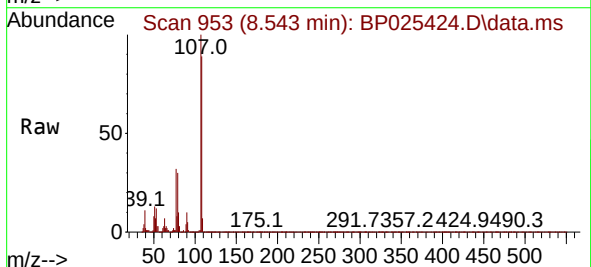
Ion Ratio Lower Upper

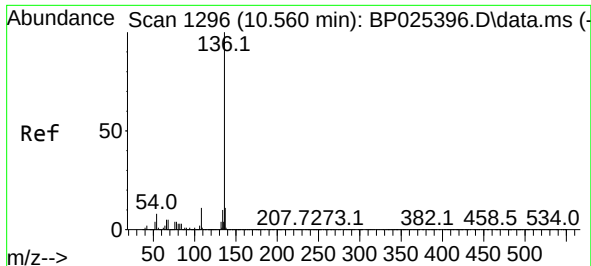
107 100

108 89.3 66.3 106.3

77 32.5 12.3 52.3

79 30.2 7.8 47.8

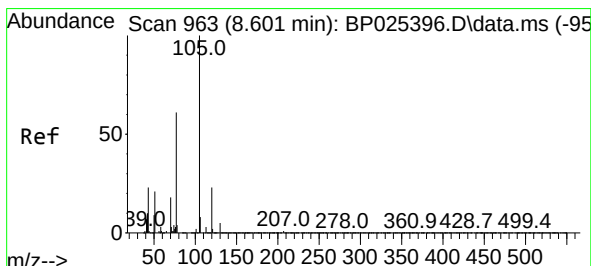
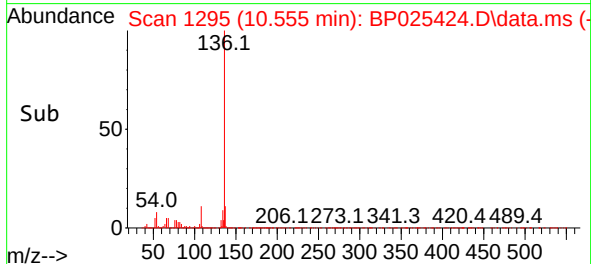
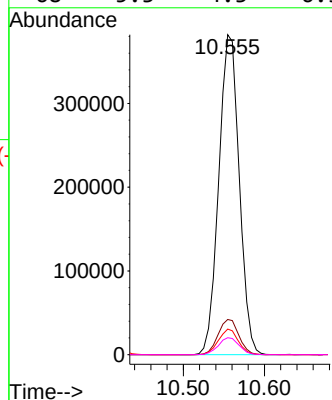
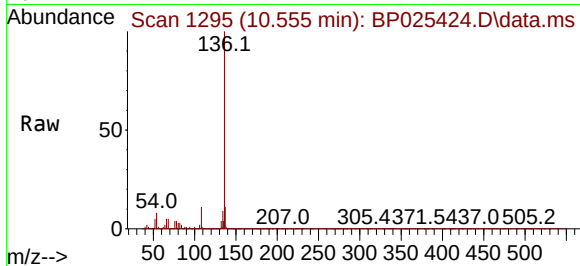




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

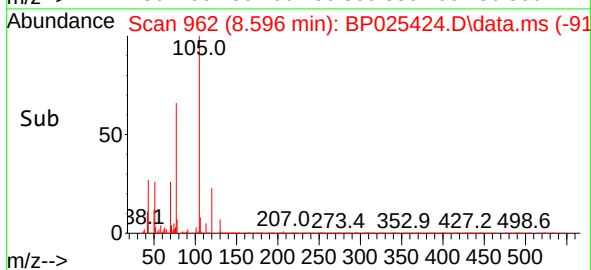
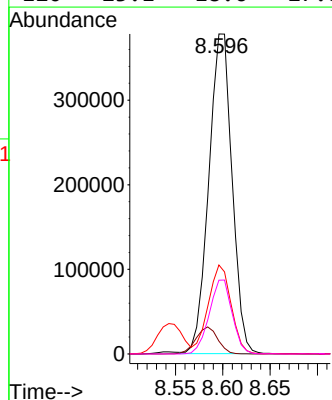
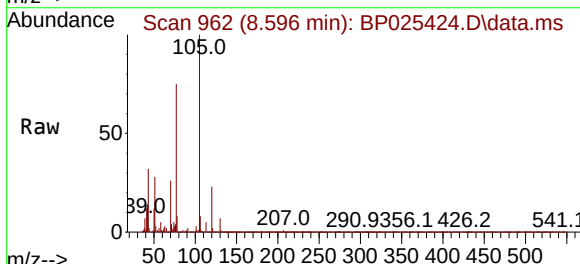
Instrument :
BNA_P
ClientSampleId :
PB169230BS

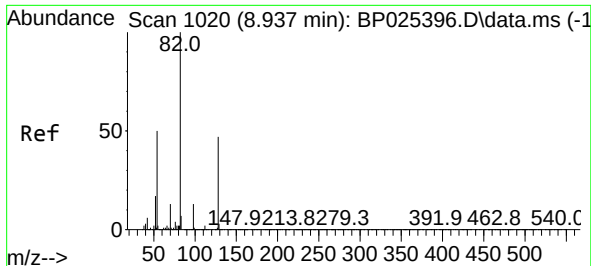
Tgt Ion:136 Resp: 670319
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.0 6.0 9.0
68 5.3 4.3 6.5



#22
Acetophenone
Concen: 38.428 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:105 Resp: 645991
Ion Ratio Lower Upper
105 100
71 4.0 2.6 4.0#
51 27.8 20.6 30.8
120 23.1 18.6 27.8

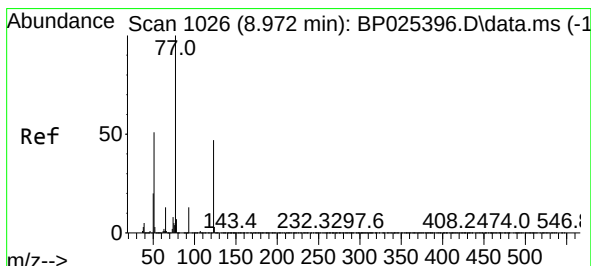
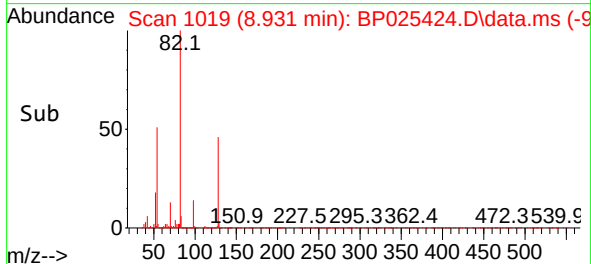
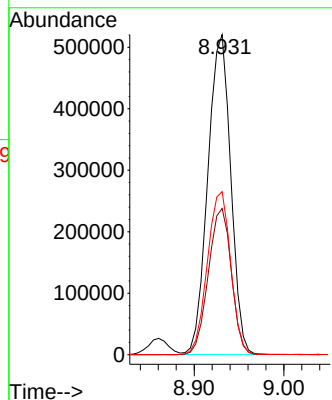
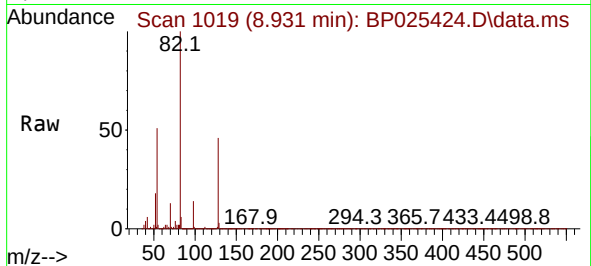




#23
Nitrobenzene-d5
Concen: 69.619 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

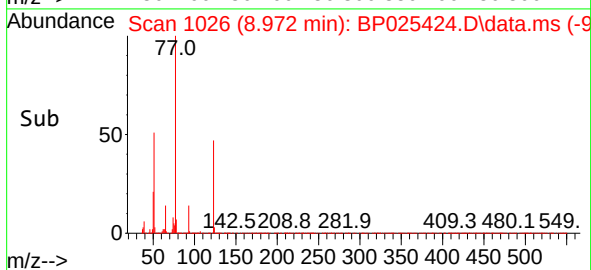
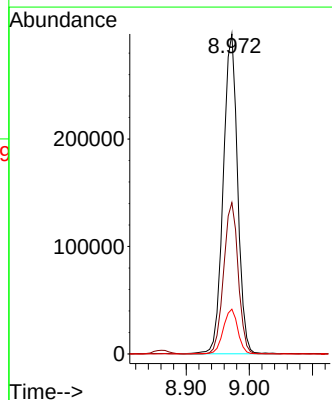
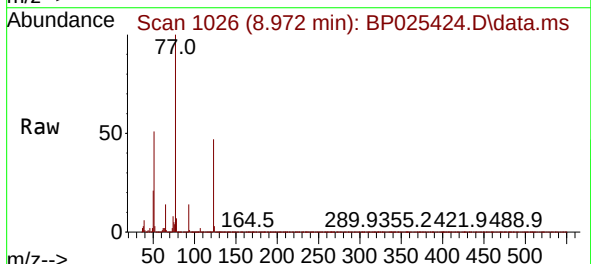
Instrument :
BNA_P
ClientSampleId :
PB169230BS

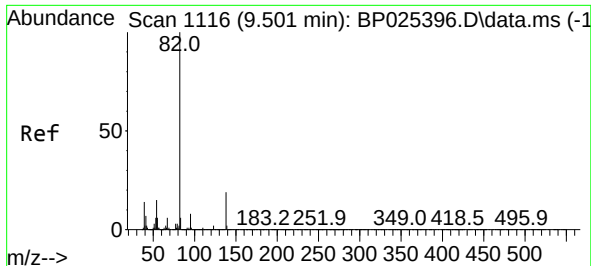
Tgt Ion: 82 Resp: 922542
Ion Ratio Lower Upper
82 100
128 45.7 37.7 56.5
54 50.9 39.8 59.6



#24
Nitrobenzene
Concen: 39.722 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion: 77 Resp: 470422
Ion Ratio Lower Upper
77 100
123 47.3 38.6 58.0
65 14.0 10.6 15.8

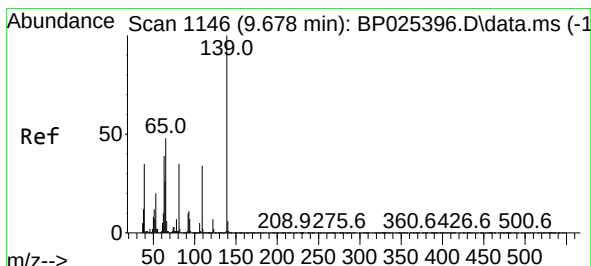
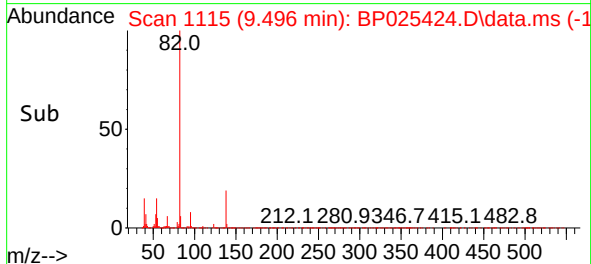
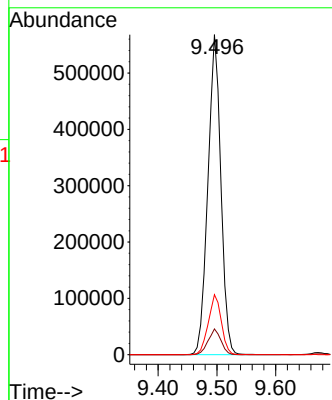
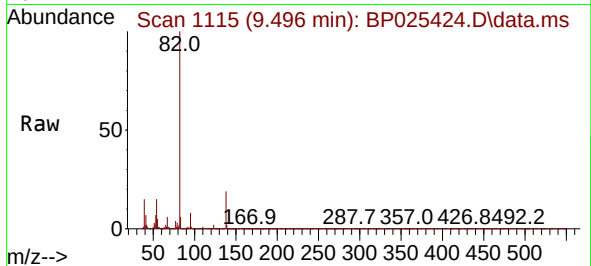




#25
Isophorone
Concen: 36.989 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

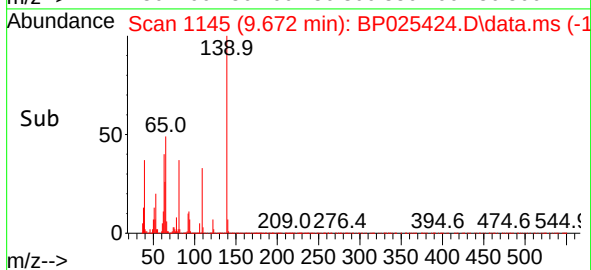
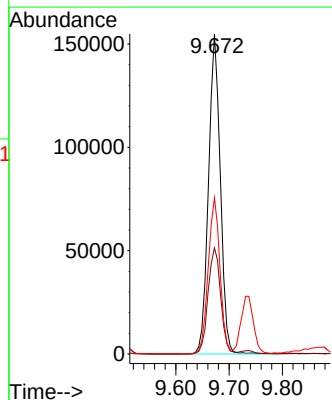
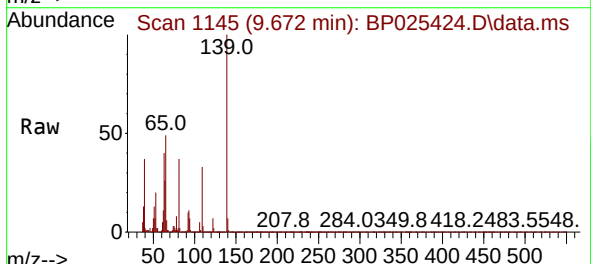
Instrument :
BNA_P
ClientSampleId :
PB169230BS

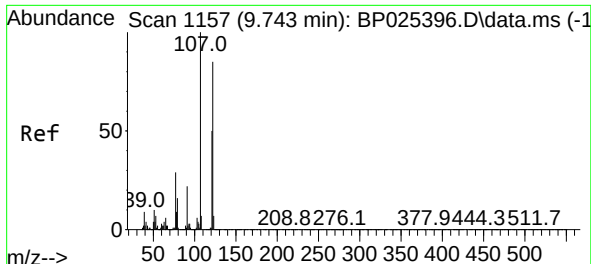
Tgt Ion: 82 Resp: 867444
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.7 15.4 23.0



#26
2-Nitrophenol
Concen: 39.160 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion: 139 Resp: 238004
Ion Ratio Lower Upper
139 100
109 33.2 26.9 40.3
65 48.8 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 40.790 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

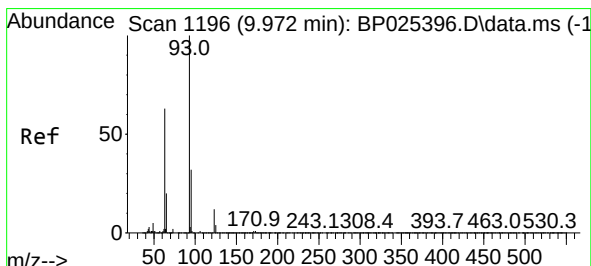
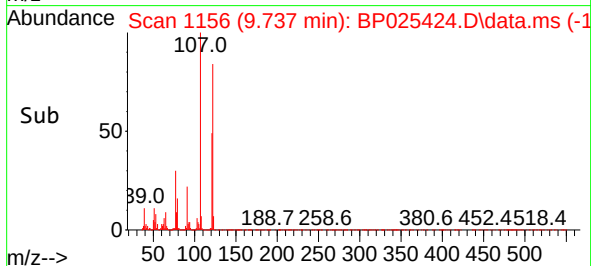
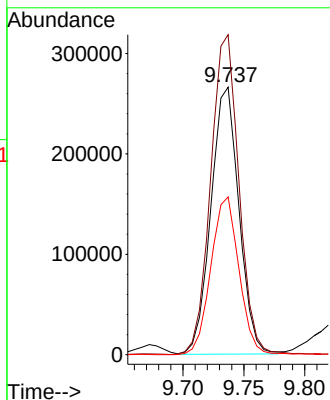
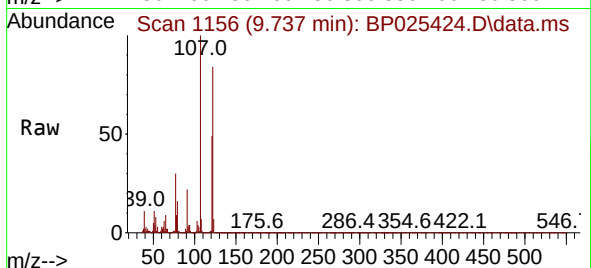
Tgt Ion:122 Resp: 426335

Ion Ratio Lower Upper

122 100

107 119.6 93.7 140.5

121 59.0 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 37.610 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

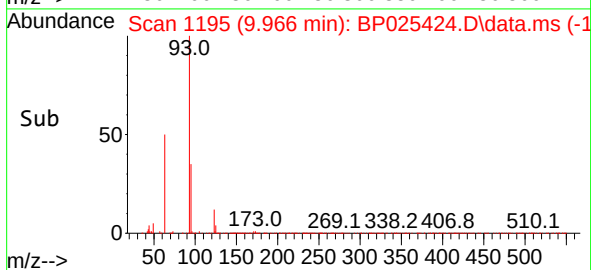
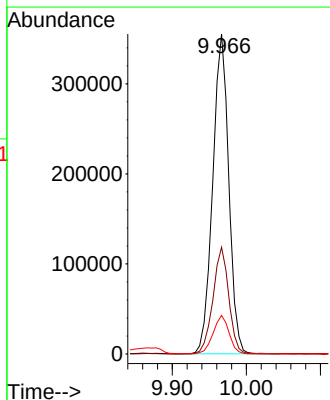
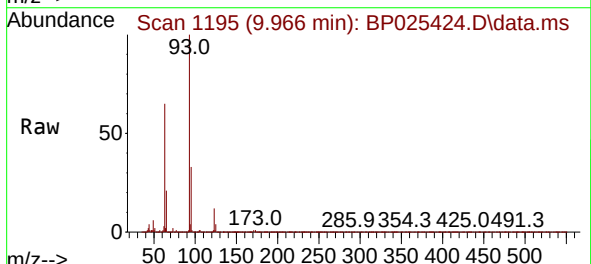
Tgt Ion: 93 Resp: 533145

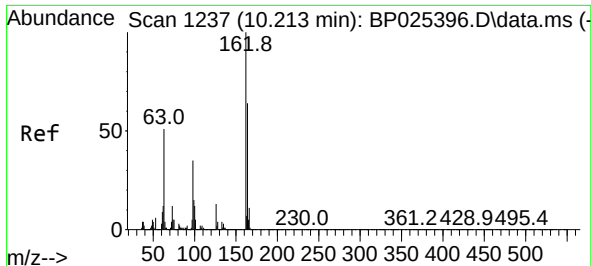
Ion Ratio Lower Upper

93 100

95 33.4 25.4 38.0

123 12.0 9.4 14.0

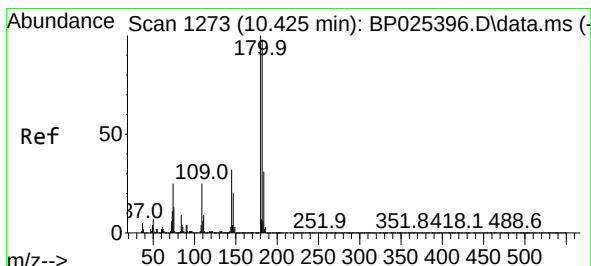
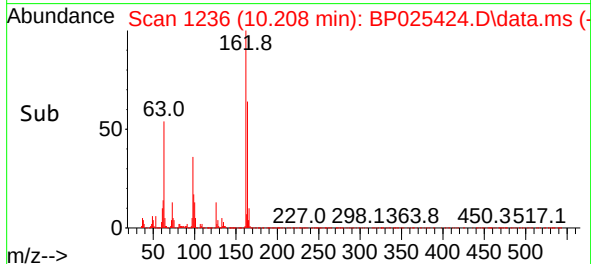
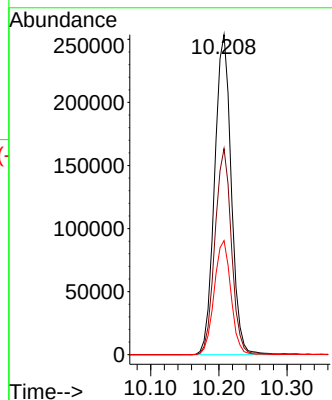
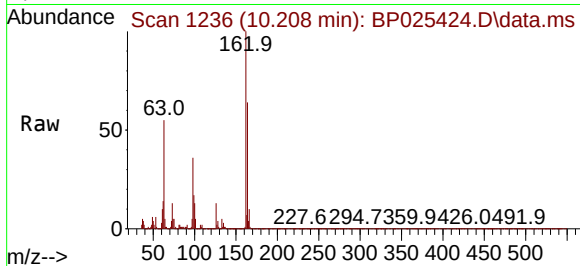




#29
2,4-Dichlorophenol
Concen: 41.501 ng
RT: 10.208 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

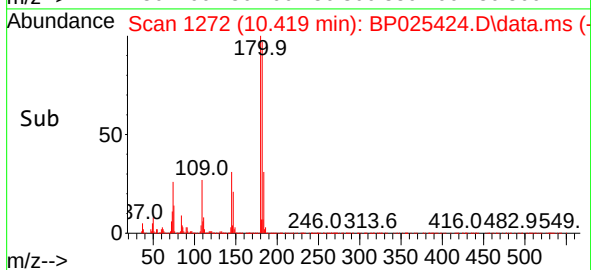
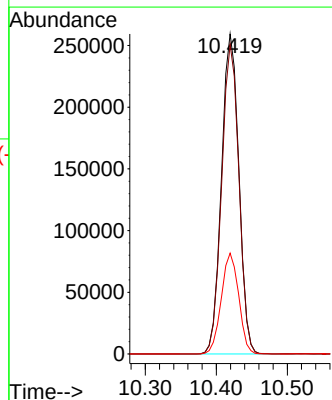
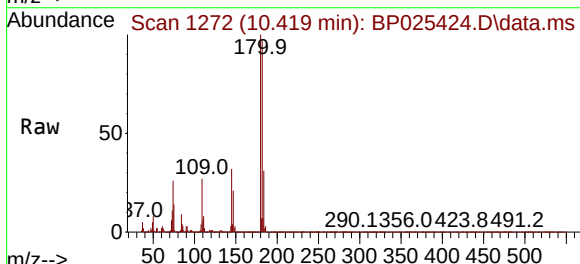
Instrument :
BNA_P
ClientSampleId :
PB169230BS

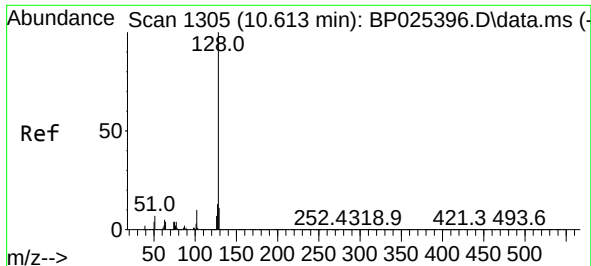
Tgt Ion:162 Resp: 430899
Ion Ratio Lower Upper
162 100
164 64.4 44.4 84.4
98 35.7 14.9 54.9



#30
1,2,4-Trichlorobenzene
Concen: 38.606 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:180 Resp: 439417
Ion Ratio Lower Upper
180 100
182 96.7 78.0 117.0
145 31.5 25.9 38.9

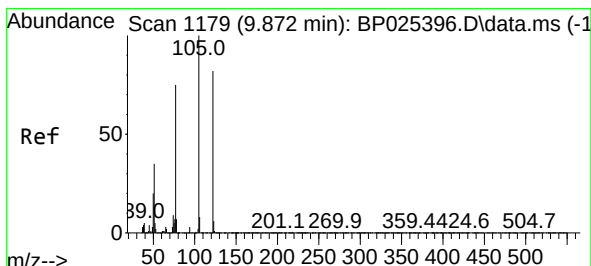
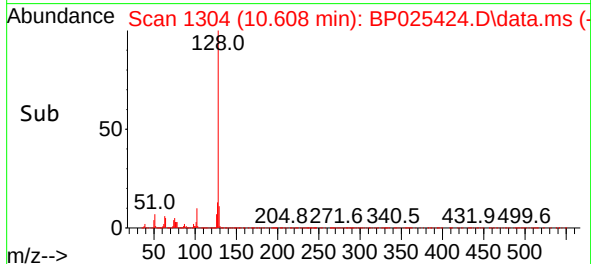
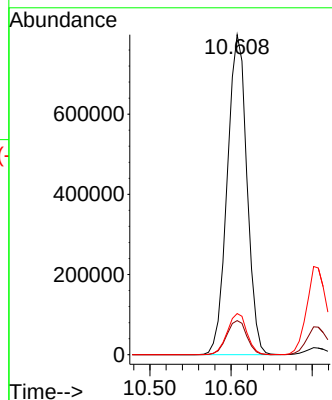
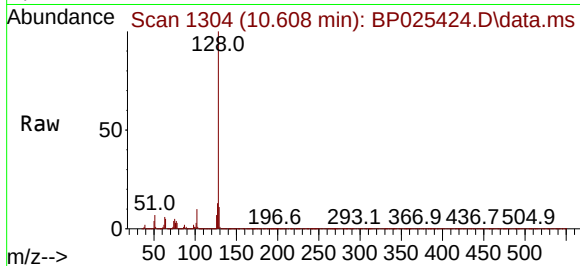




#31
Naphthalene
Concen: 38.560 ng
RT: 10.608 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

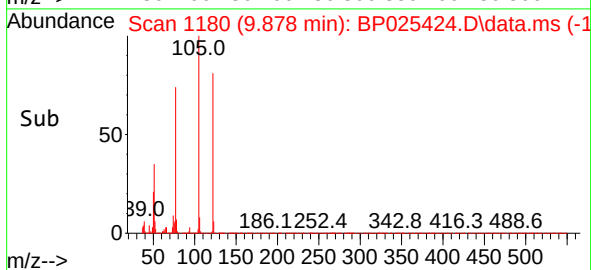
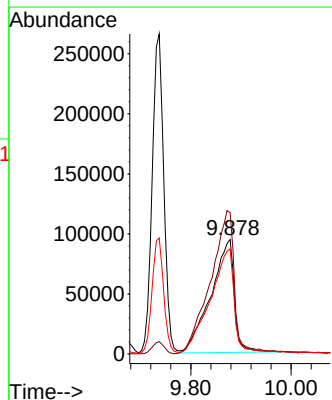
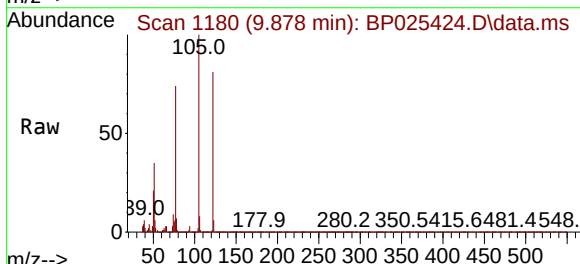
Instrument :
BNA_P
ClientSampleId :
PB169230BS

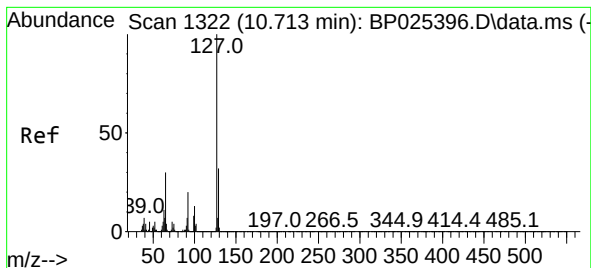
Tgt Ion:128 Resp: 1343452
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 10.7 16.1



#32
Benzoic acid
Concen: 39.703 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:122 Resp: 306370
Ion Ratio Lower Upper
122 100
105 123.6 100.6 140.6
77 91.9 71.5 111.5





#33

4-Chloroaniline

Concen: 25.043 ng

RT: 10.702 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

Tgt Ion:127 Resp: 385406

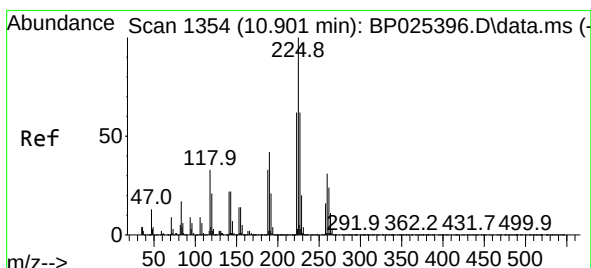
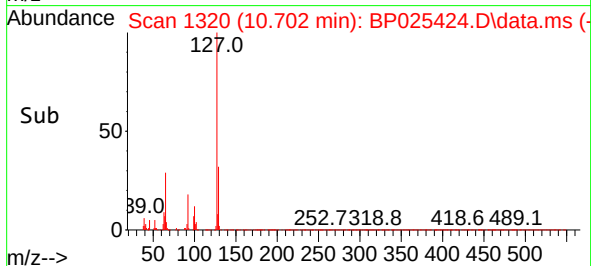
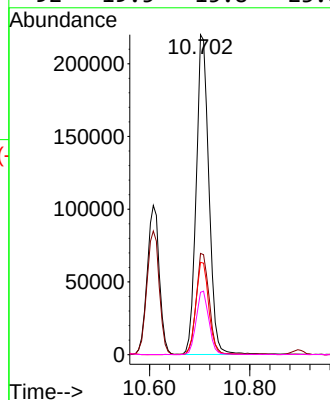
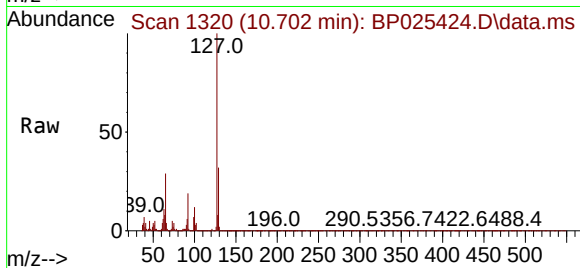
Ion Ratio Lower Upper

127 100

129 31.6 25.4 38.2

65 28.8 23.8 35.6

92 19.5 15.8 23.8



#34

Hexachlorobutadiene

Concen: 38.391 ng

RT: 10.896 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

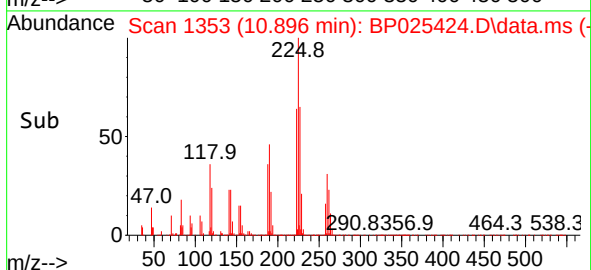
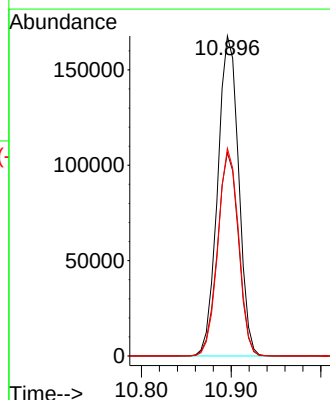
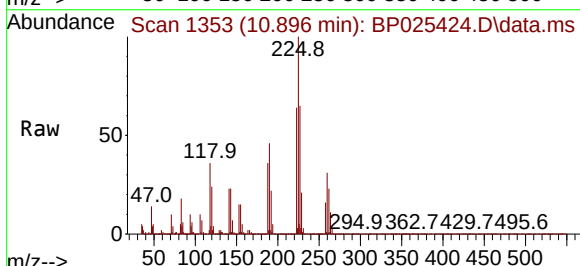
Tgt Ion:225 Resp: 272129

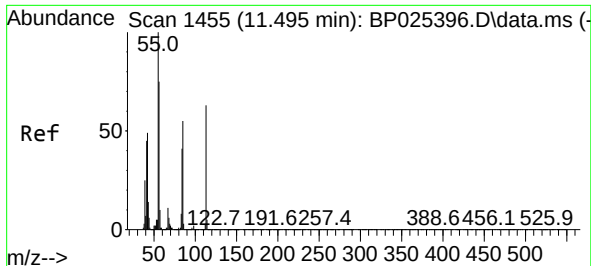
Ion Ratio Lower Upper

225 100

223 63.5 50.0 75.0

227 64.9 49.7 74.5

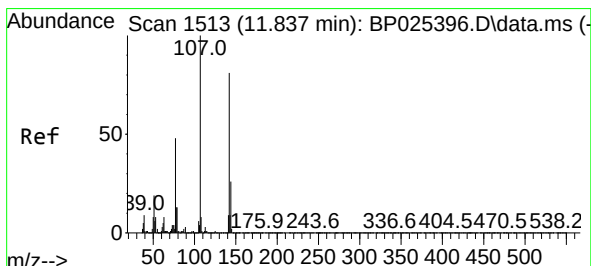
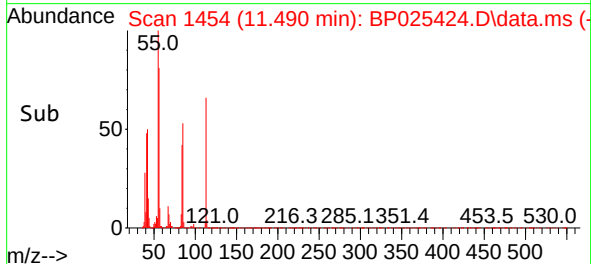
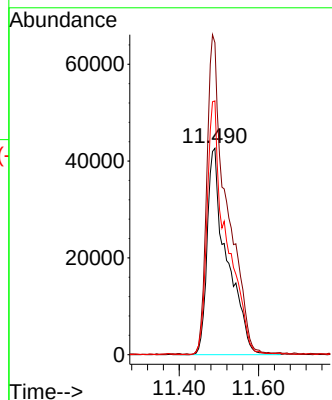
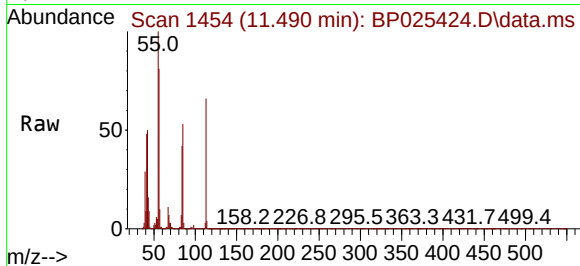




#35
Caprolactam
Concen: 38.511 ng
RT: 11.490 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

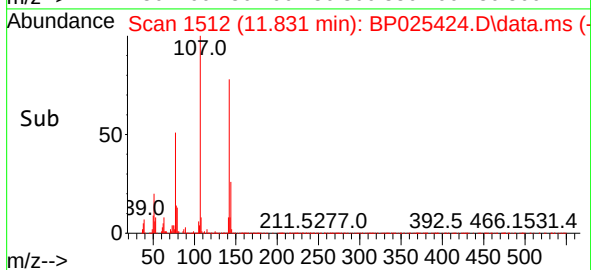
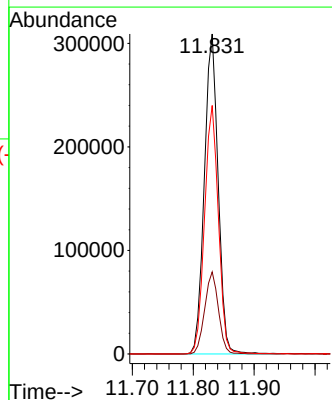
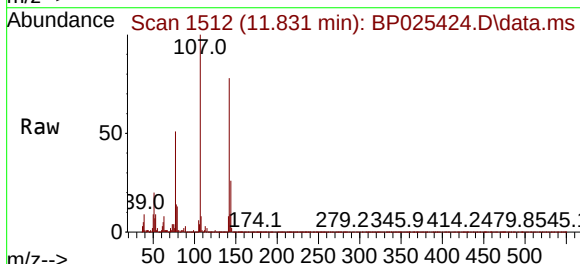
Instrument :
BNA_P
ClientSampleId :
PB169230BS

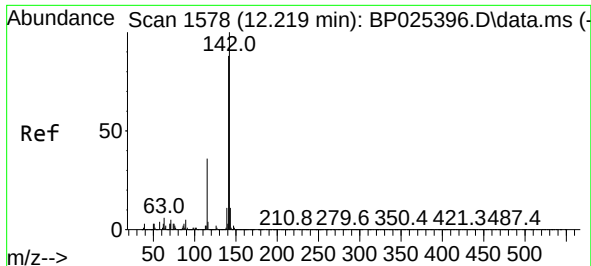
Tgt Ion:113 Resp: 146622
Ion Ratio Lower Upper
113 100
55 151.2 140.0 180.0
56 122.9 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 40.832 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:107 Resp: 486472
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.4
142 77.6 64.6 97.0

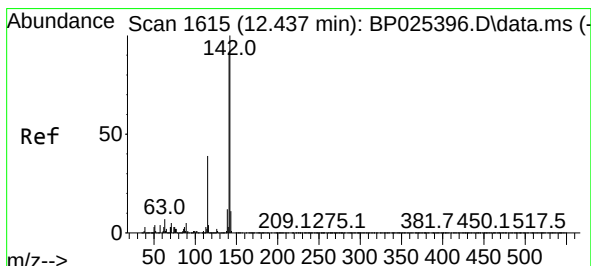
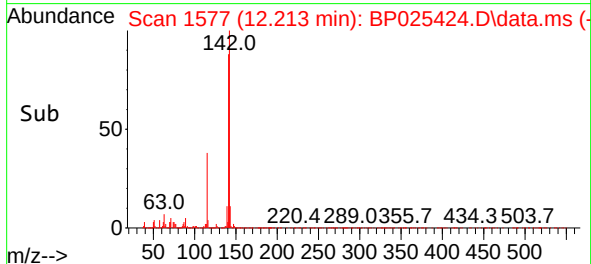
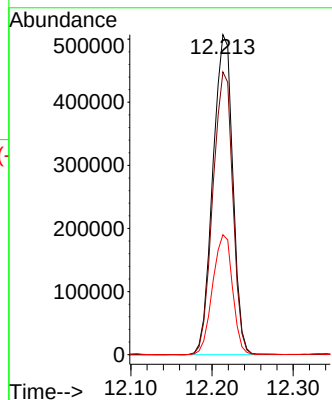
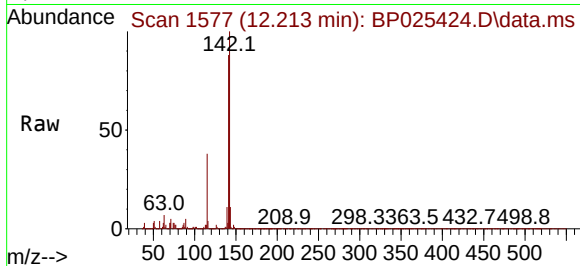




#37
2-Methylnaphthalene
Concen: 38.128 ng
RT: 12.213 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

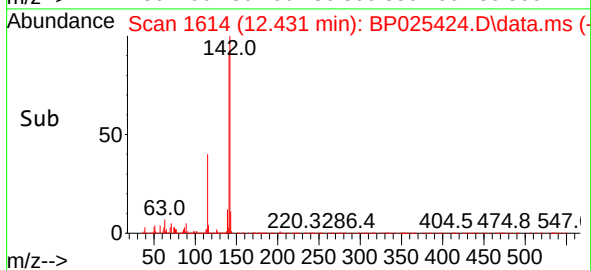
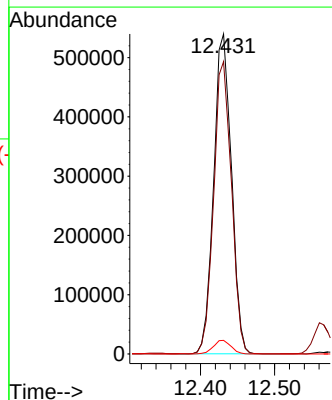
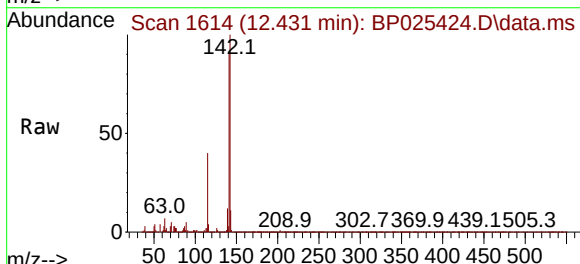
Instrument :
BNA_P
ClientSampleId :
PB169230BS

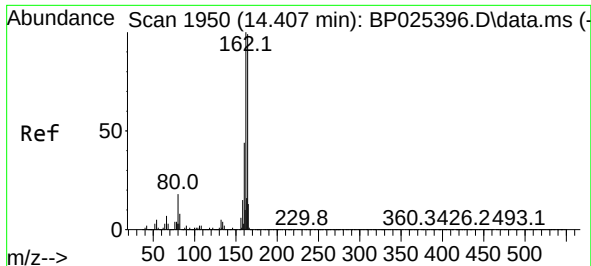
Tgt Ion:142 Resp: 864478
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 37.5 28.9 43.3



#38
1-Methylnaphthalene
Concen: 37.251 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:142 Resp: 898180
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7
116 4.3 3.2 4.8

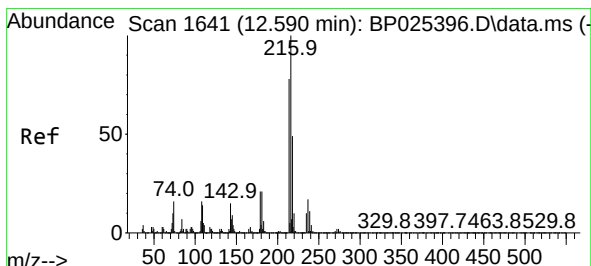
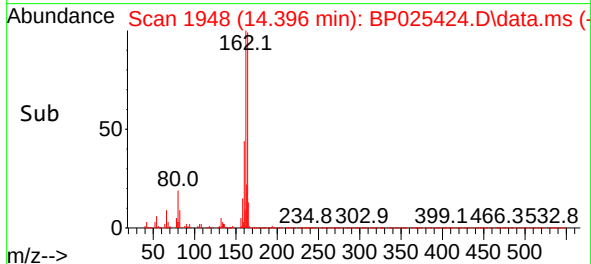
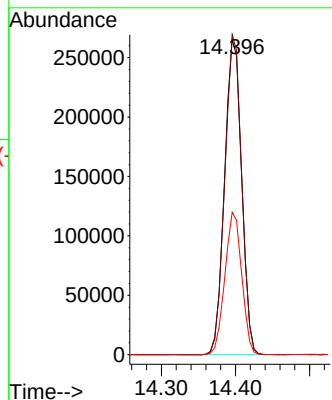
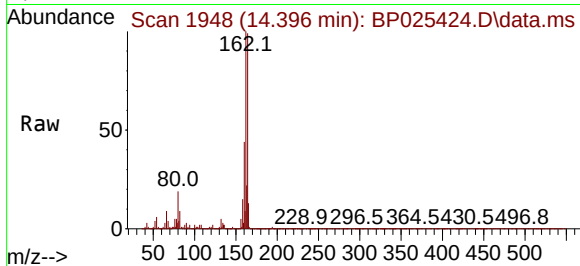




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

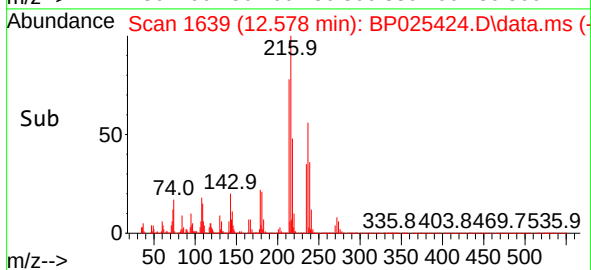
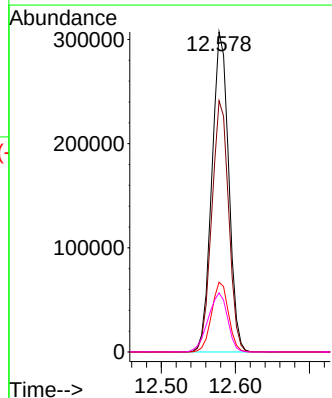
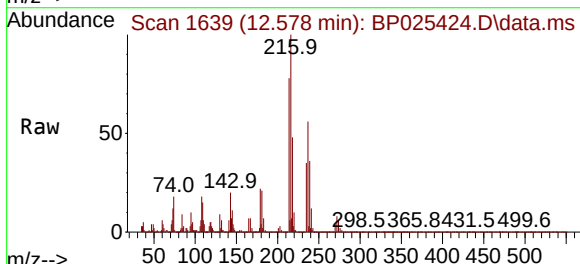
Instrument :
BNA_P
ClientSampleId :
PB169230BS

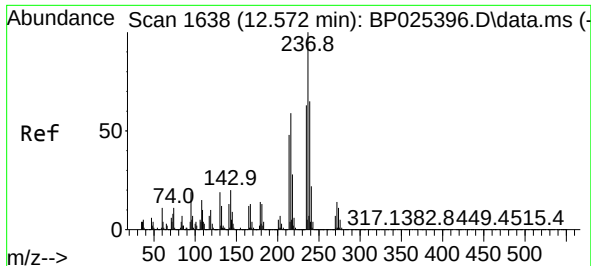
Tgt Ion:164 Resp: 424018
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.6
160 45.2 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.457 ng
RT: 12.578 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:216 Resp: 483197
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.4
179 21.9 17.1 25.7
108 21.4 14.9 22.3

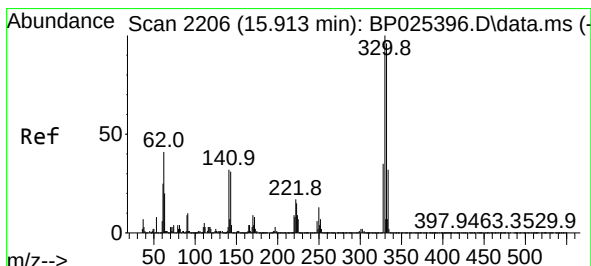
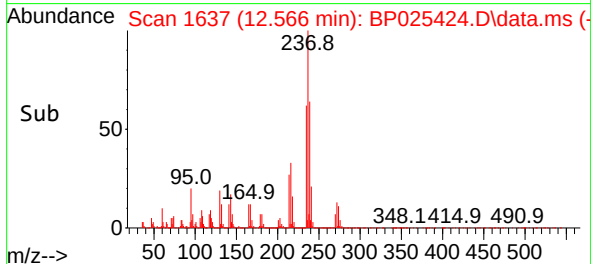
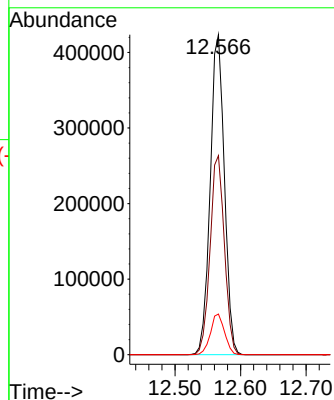
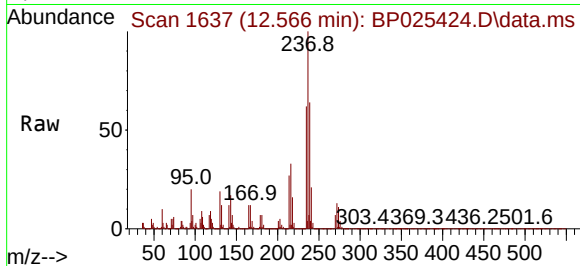




#41
Hexachlorocyclopentadiene
Concen: 86.005 ng
RT: 12.566 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

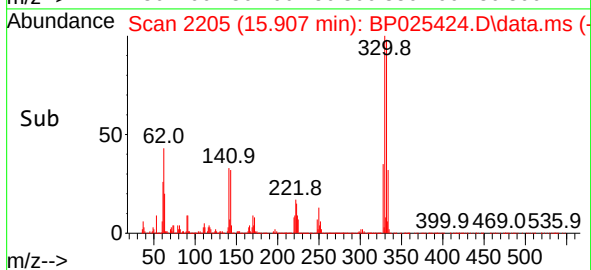
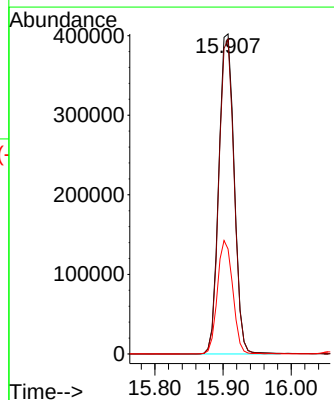
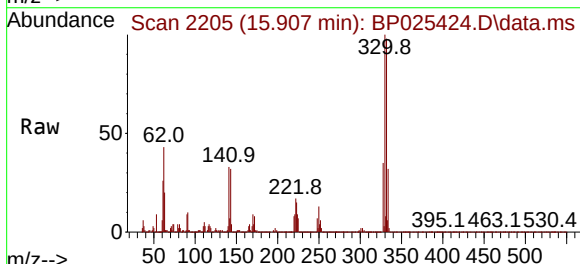
Instrument :
BNA_P
ClientSampleId :
PB169230BS

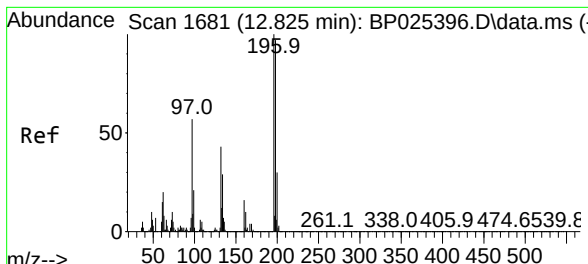
Tgt Ion:237 Resp: 636193
Ion Ratio Lower Upper
237 100
235 62.2 42.7 82.7
272 12.7 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 110.863 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:330 Resp: 632733
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 35.4 26.6 39.8

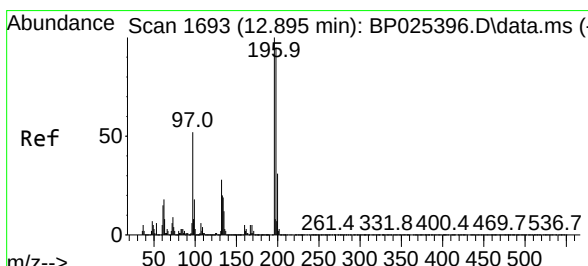
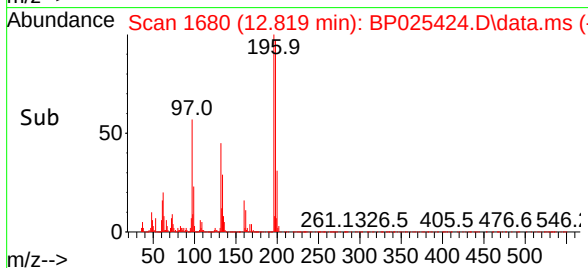
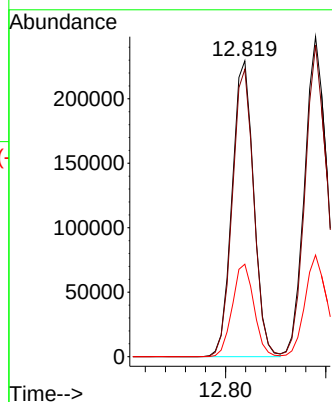
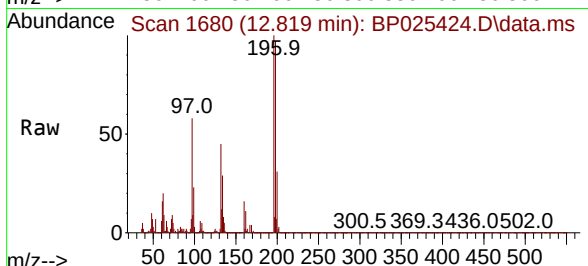




#43
2,4,6-Trichlorophenol
Concen: 41.596 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

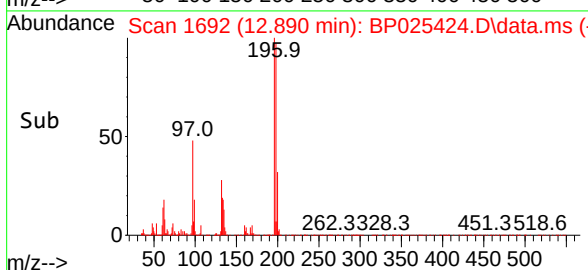
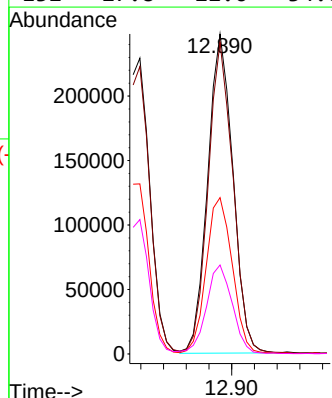
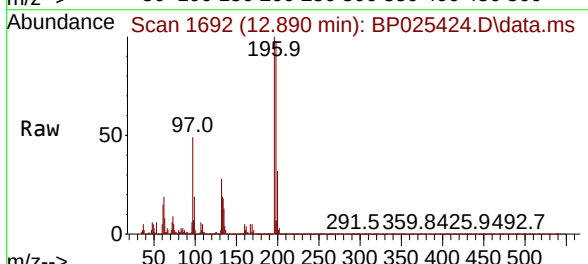
Instrument :
BNA_P
ClientSampleId :
PB169230BS

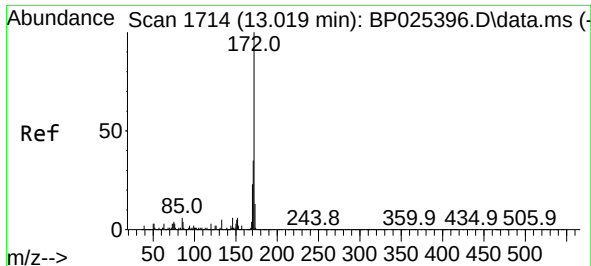
Tgt Ion:196 Resp: 343891
Ion Ratio Lower Upper
196 100
198 97.1 77.2 115.8
200 31.3 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 42.128 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:196 Resp: 381721
Ion Ratio Lower Upper
196 100
198 97.4 76.2 114.2
97 48.8 41.2 61.8
132 27.8 22.6 34.0

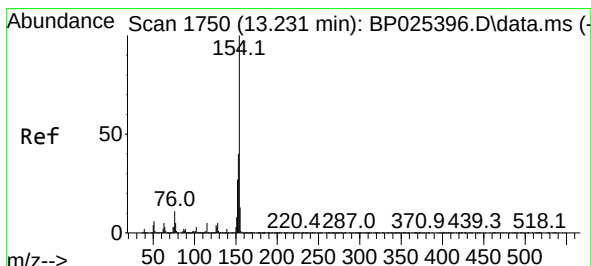
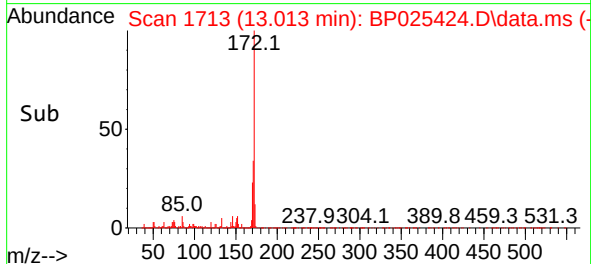
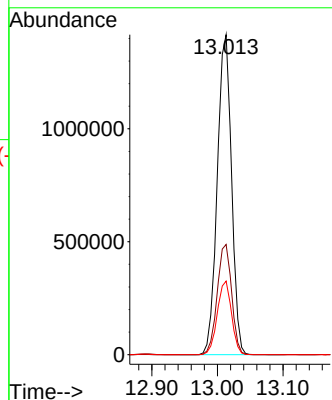
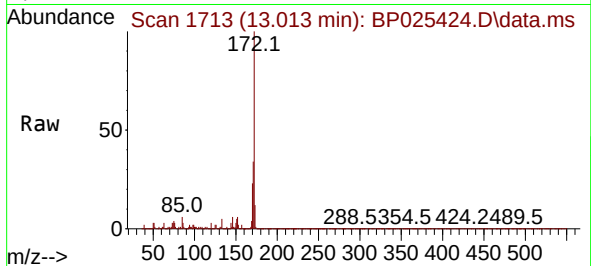




#45
2-Fluorobiphenyl
Concen: 68.614 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

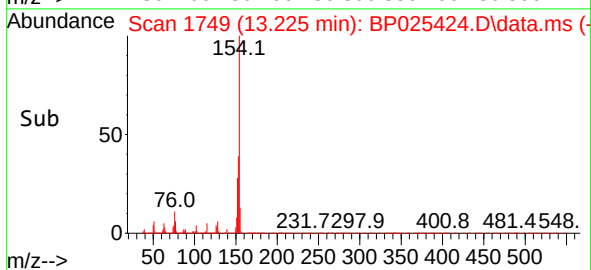
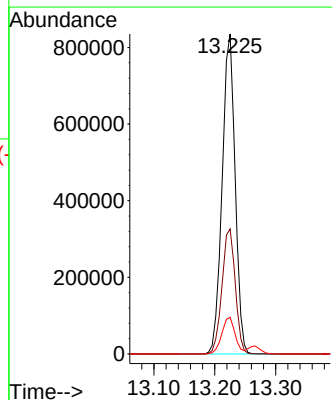
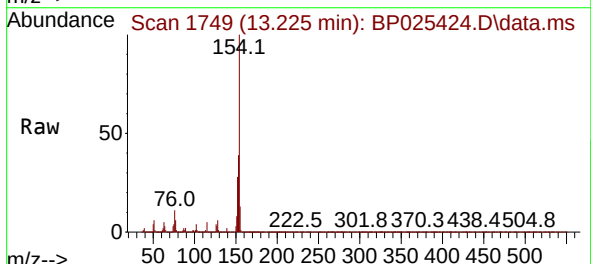
Instrument :
BNA_P
ClientSampleId :
PB169230BS

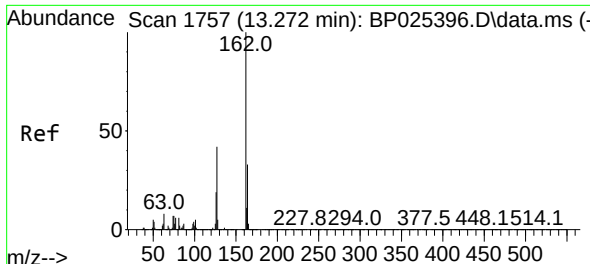
Tgt Ion:172 Resp: 2128772
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.0 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.134 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:154 Resp: 1235911
Ion Ratio Lower Upper
154 100
153 39.0 19.5 59.5
76 11.5 0.0 31.1

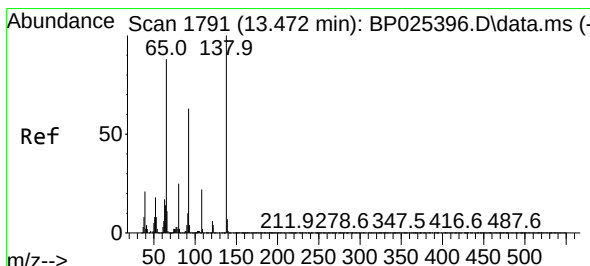
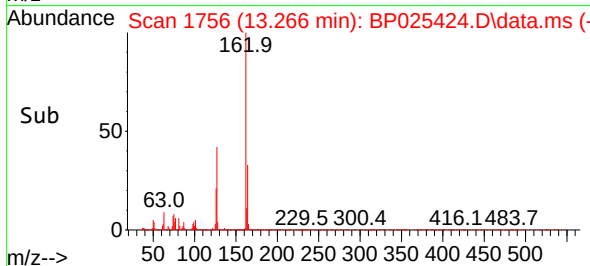
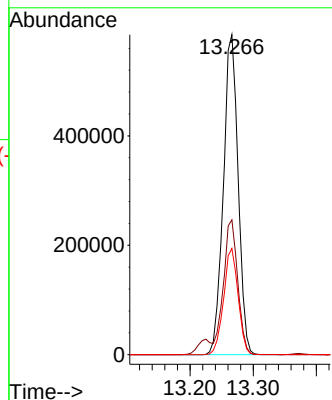
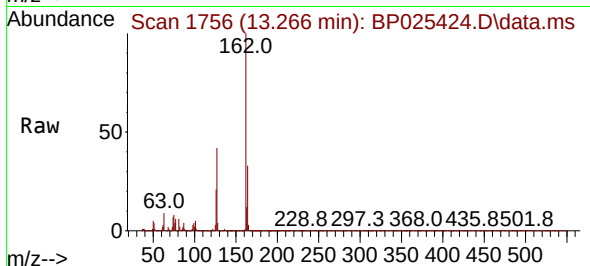




#47
2-Chloronaphthalene
Concen: 39.620 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

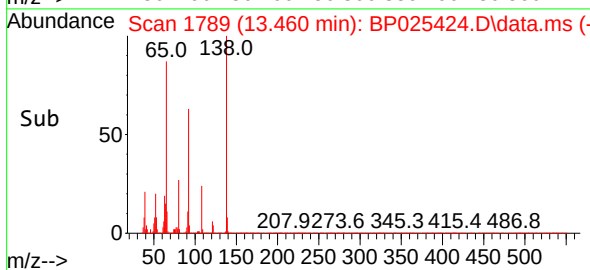
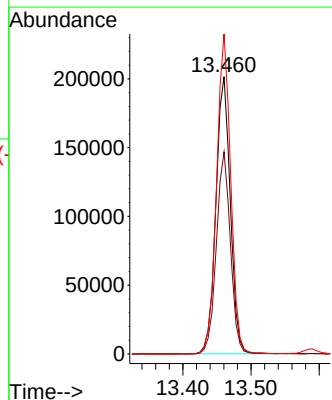
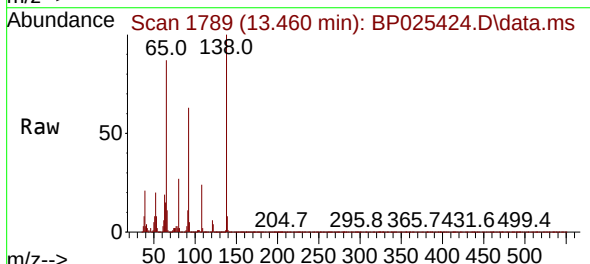
Instrument :
BNA_P
ClientSampleId :
PB169230BS

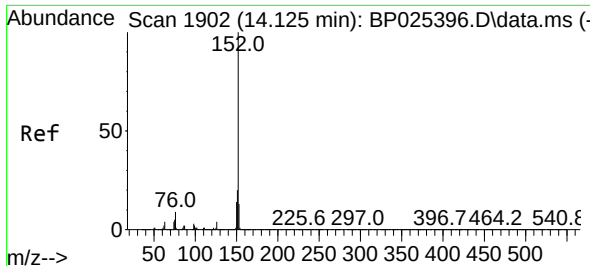
Tgt Ion:162 Resp: 949832
Ion Ratio Lower Upper
162 100
127 42.2 33.4 50.2
164 33.2 26.2 39.2



#48
2-Nitroaniline
Concen: 42.432 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion: 65 Resp: 296397
Ion Ratio Lower Upper
65 100
92 72.8 57.6 86.4
138 115.4 91.0 136.6

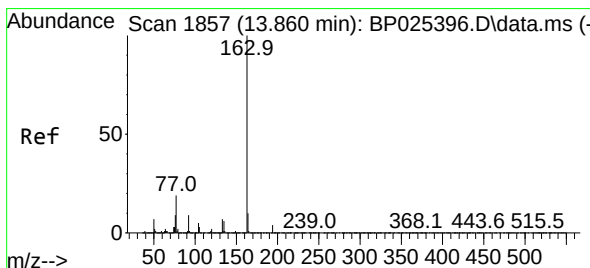
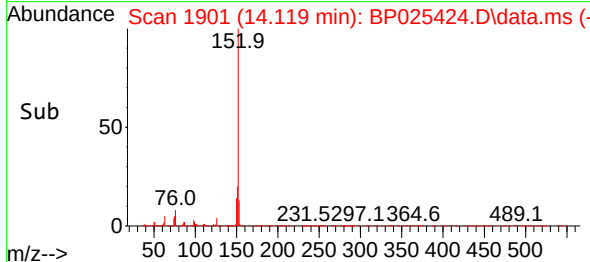
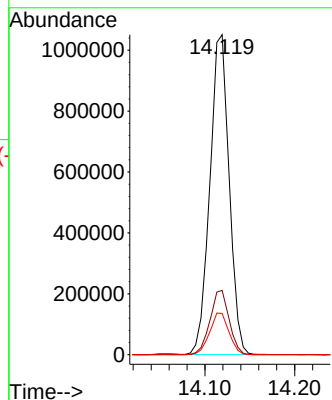
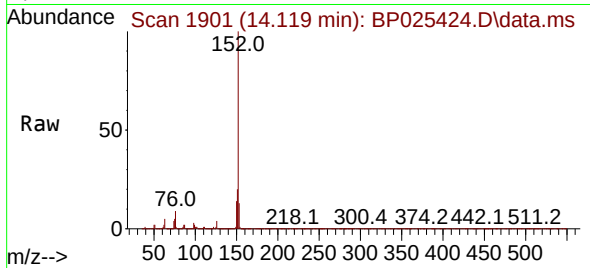




#49
Acenaphthylene
Concen: 39.531 ng
RT: 14.119 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

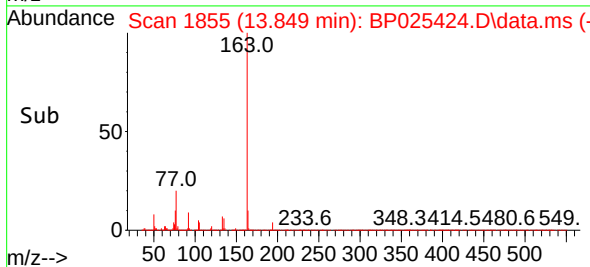
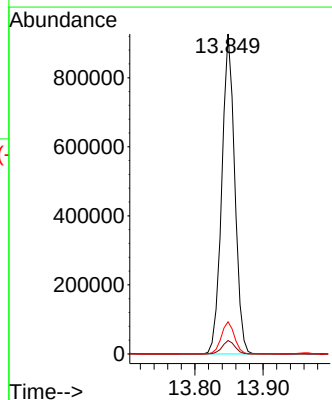
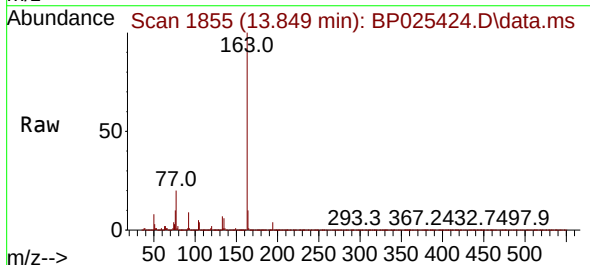
Instrument :
BNA_P
ClientSampleId :
PB169230BS

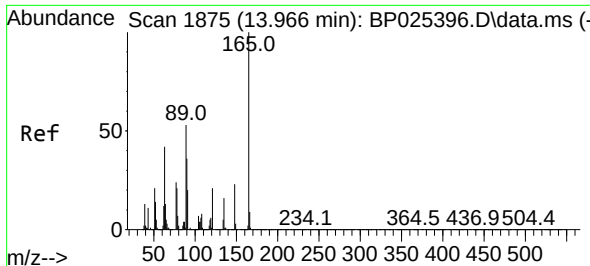
Tgt Ion:152 Resp: 1568169
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 39.412 ng
RT: 13.849 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:163 Resp: 1223759
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 7.9 11.9

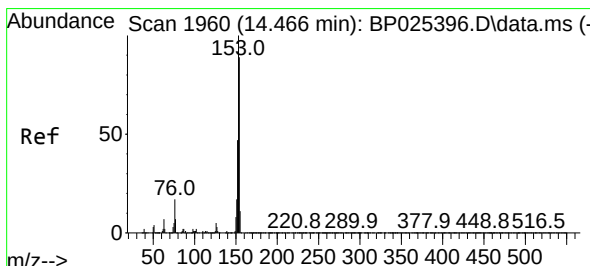
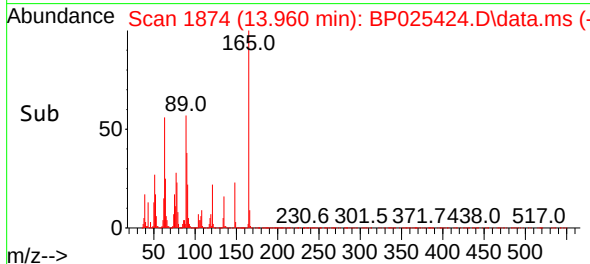
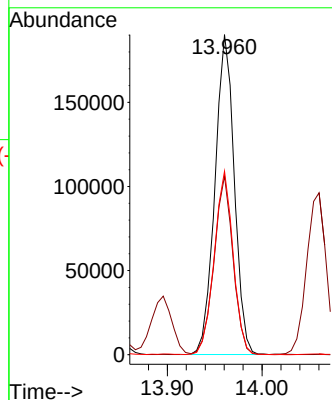
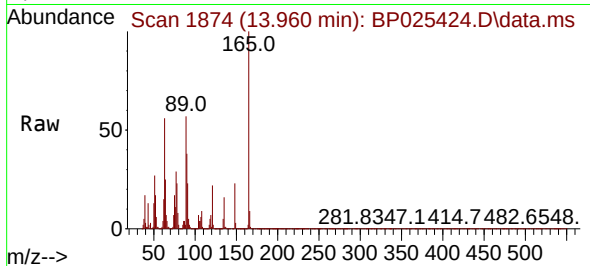




#51
2,6-Dinitrotoluene
Concen: 41.309 ng
RT: 13.960 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

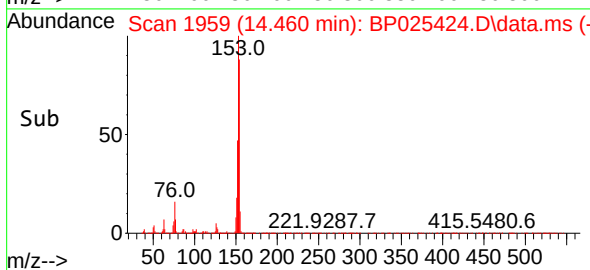
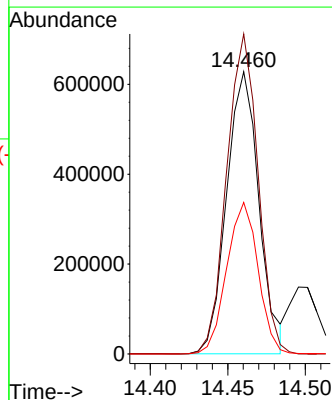
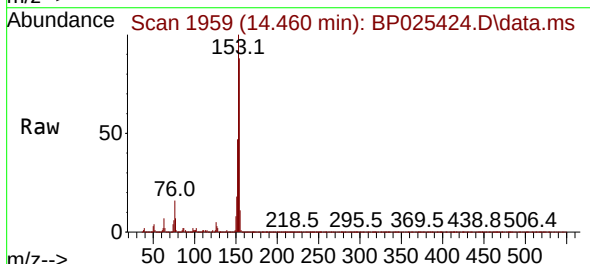
Instrument :
BNA_P
ClientSampleId :
PB169230BS

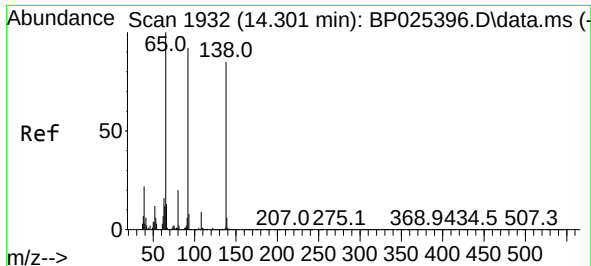
Tgt Ion:165 Resp: 270344
Ion Ratio Lower Upper
165 100
63 55.9 40.9 61.3
89 57.4 42.1 63.1



#52
Acenaphthene
Concen: 39.134 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:154 Resp: 911236
Ion Ratio Lower Upper
154 100
153 113.4 90.2 135.2
152 53.7 42.1 63.1

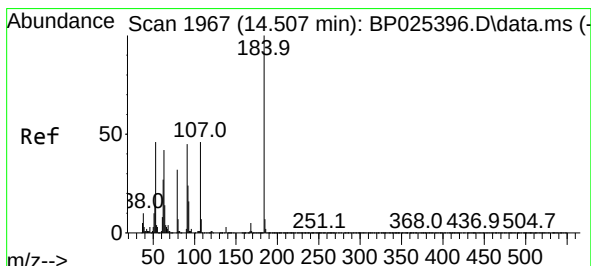
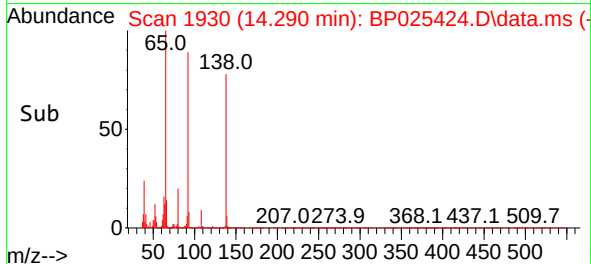
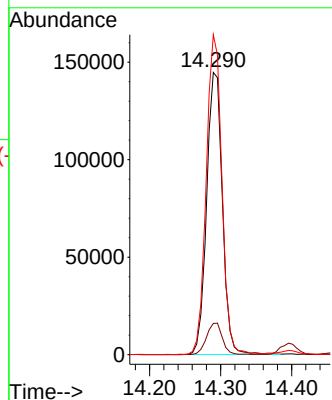
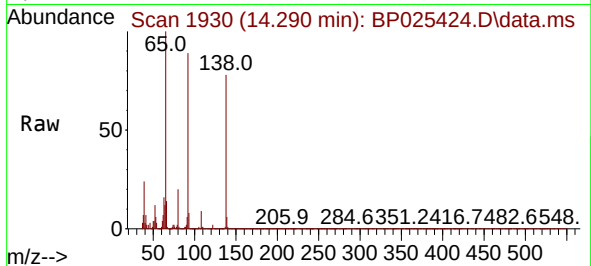




#53
3-Nitroaniline
Concen: 30.416 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

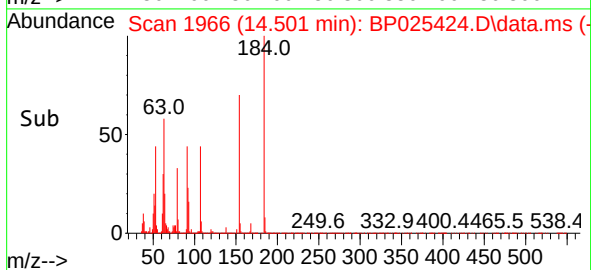
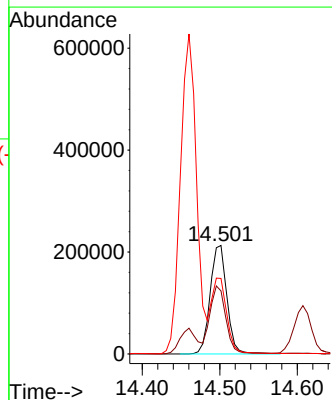
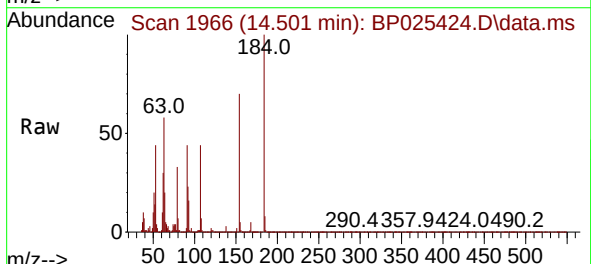
Instrument :
BNA_P
ClientSampleId :
PB169230BS

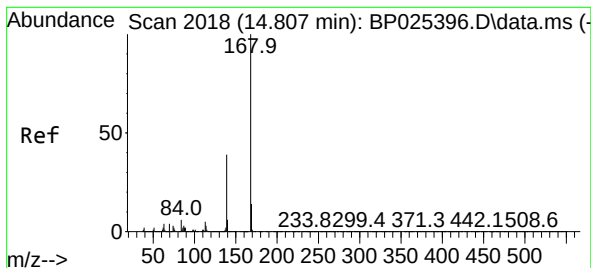
Tgt Ion:138 Resp: 223962
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 113.4 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 91.387 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:184 Resp: 319395
Ion Ratio Lower Upper
184 100
63 58.2 49.4 74.2
154 69.6 54.6 82.0

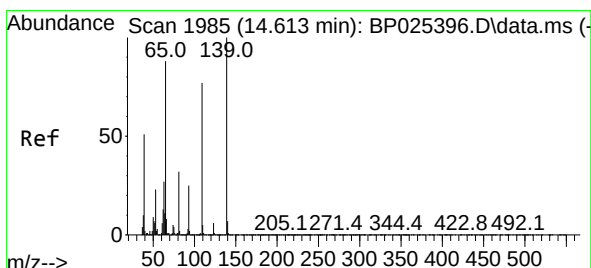
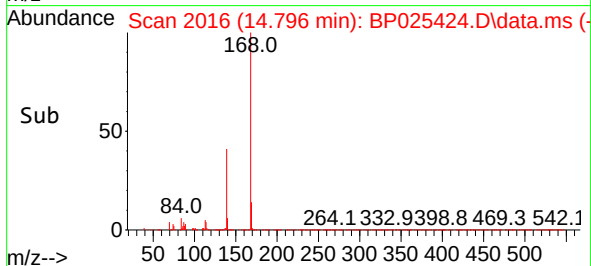
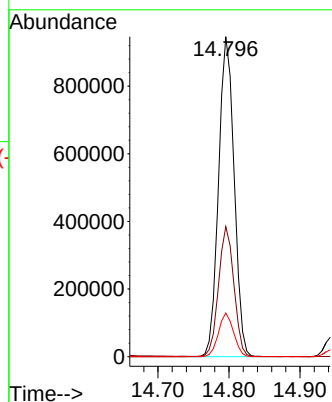
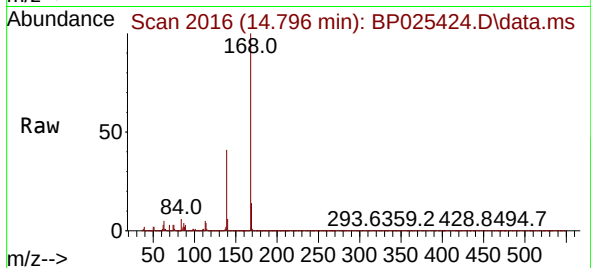




#55
Dibenzofuran
Concen: 38.997 ng
RT: 14.796 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

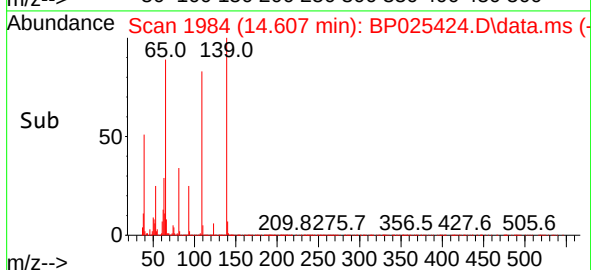
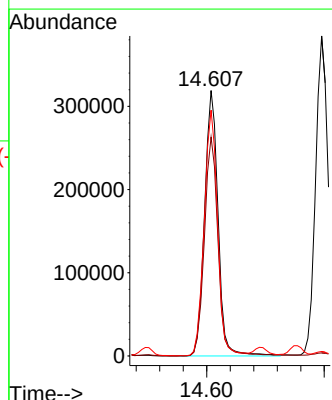
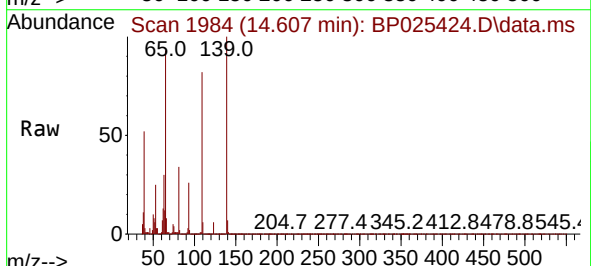
Instrument :
BNA_P
ClientSampleId :
PB169230BS

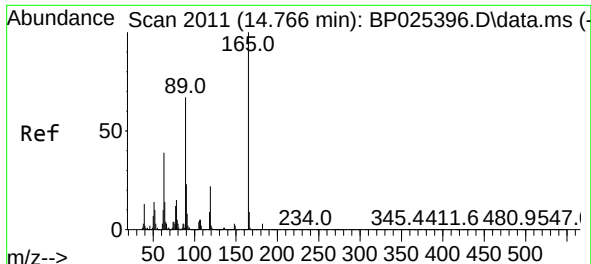
Tgt Ion:168 Resp: 1435621
Ion Ratio Lower Upper
168 100
139 40.6 31.5 47.3
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 84.213 ng
RT: 14.607 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:139 Resp: 509537
Ion Ratio Lower Upper
139 100
109 82.5 56.6 96.6
65 92.6 68.2 108.2

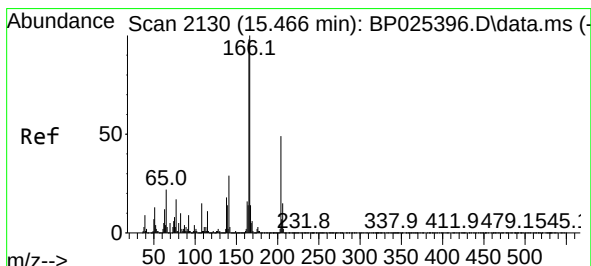
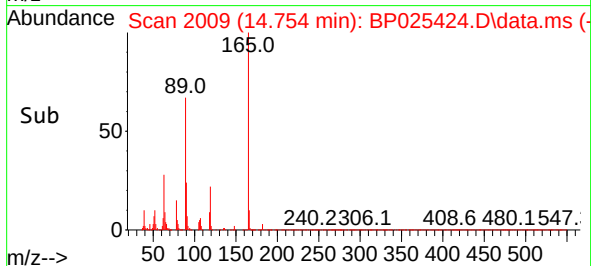
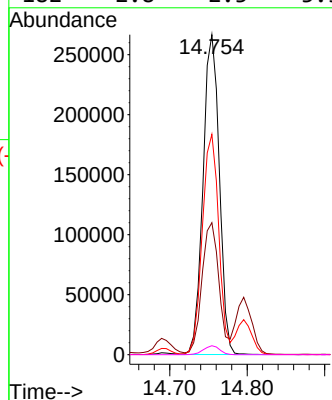
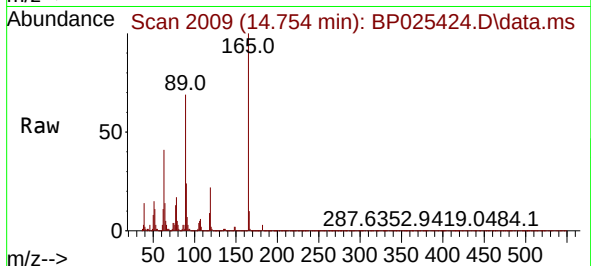




#57
2,4-Dinitrotoluene
Concen: 41.677 ng
RT: 14.754 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

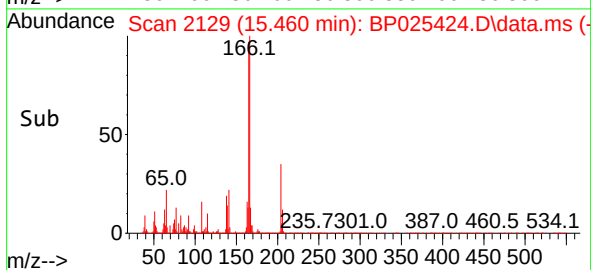
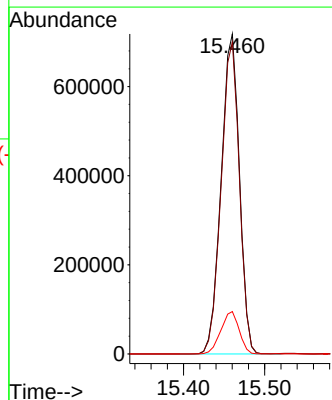
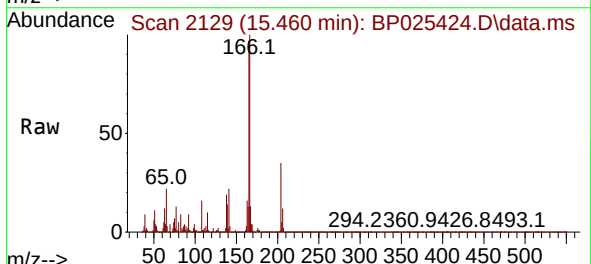
Instrument :
BNA_P
ClientSampleId :
PB169230BS

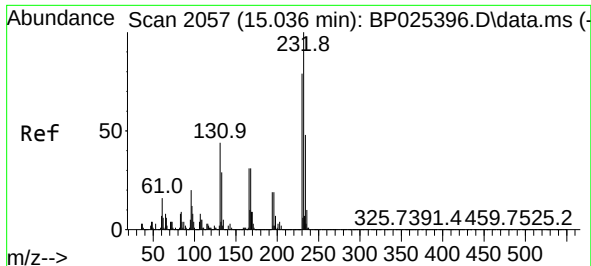
Tgt Ion:165 Resp: 389153
Ion Ratio Lower Upper
165 100
63 41.3 31.4 47.2
89 68.9 53.3 79.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 38.689 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:166 Resp: 1123848
Ion Ratio Lower Upper
166 100
165 97.5 78.8 118.2
167 13.3 11.0 16.4

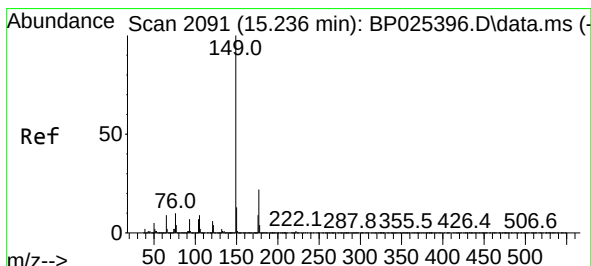
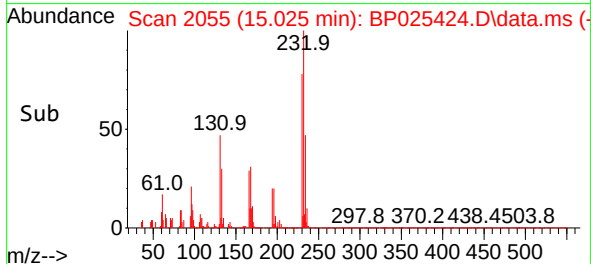
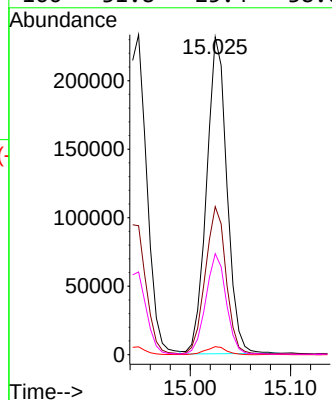
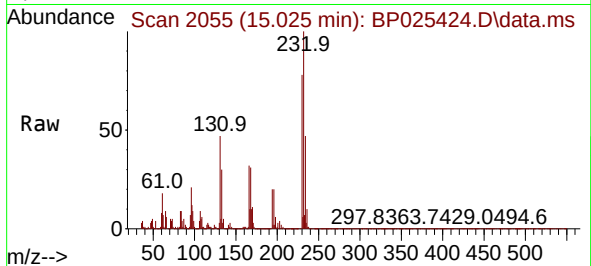




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.903 ng
RT: 15.025 min Scan# 2055
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

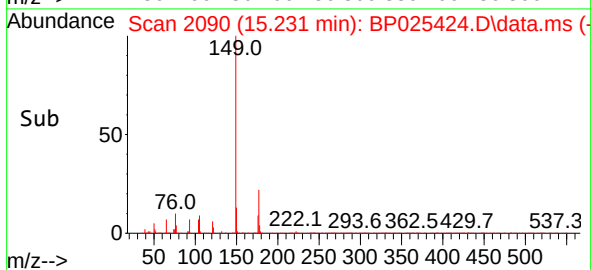
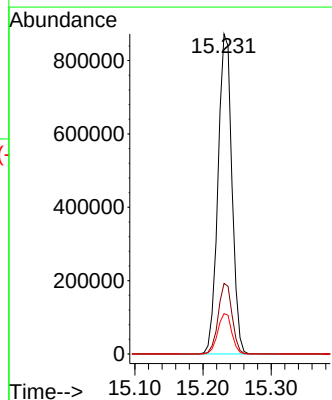
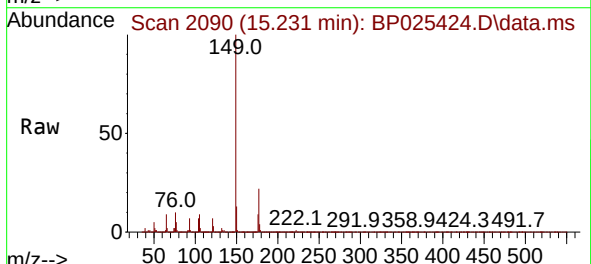
Instrument :
BNA_P
ClientSampleId :
PB169230BS

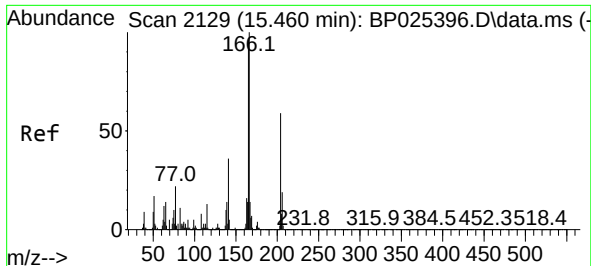
Tgt Ion:232	Resp:	327248
Ion Ratio	Lower	Upper
232	100	
131	47.3	37.0 55.6
130	2.6	1.9 2.9
166	31.8	25.4 38.0



#60
Diethylphthalate
Concen: 39.238 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:149	Resp:	1237967
Ion Ratio	Lower	Upper
149	100	
177	22.1	17.3 25.9
150	12.6	10.3 15.5

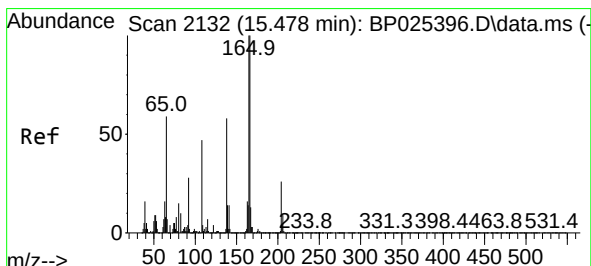
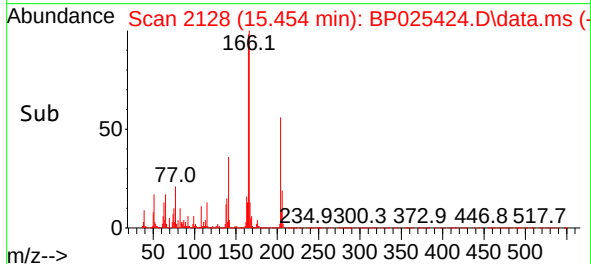
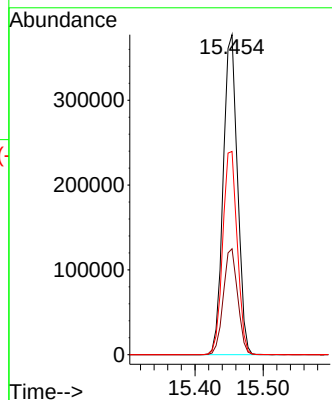
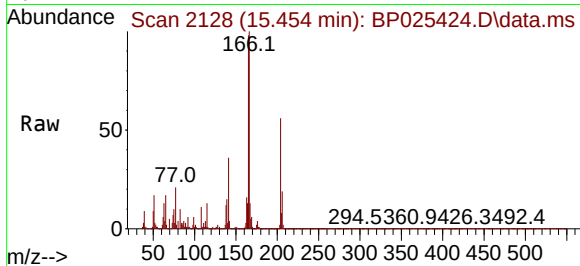




#61
4-Chlorophenyl-phenylether
Concen: 37.992 ng
RT: 15.454 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

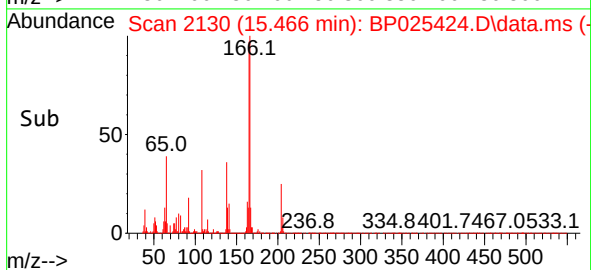
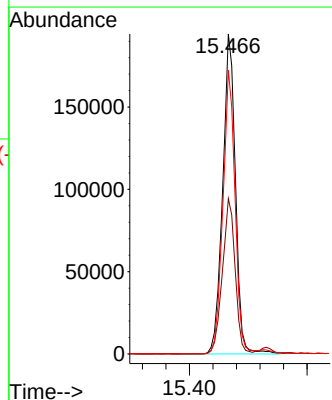
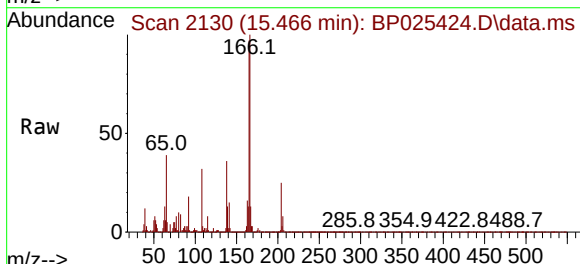
Instrument :
BNA_P
ClientSampleId :
PB169230BS

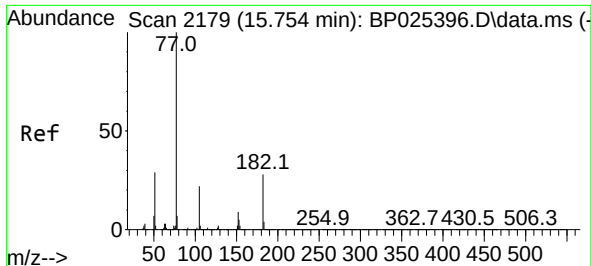
Tgt Ion:204 Resp: 548873
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.8
141 63.5 49.4 74.2



#62
4-Nitroaniline
Concen: 38.864 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:138 Resp: 293368
Ion Ratio Lower Upper
138 100
92 48.6 29.1 69.1
108 88.6 61.5 101.5



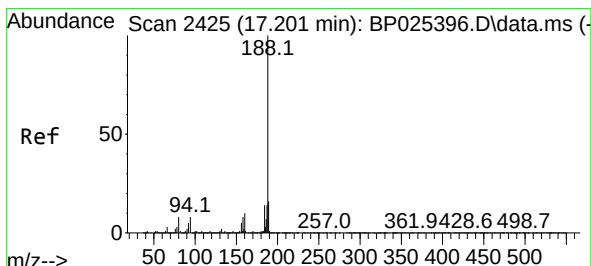
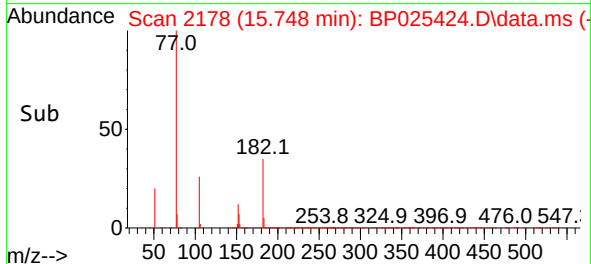
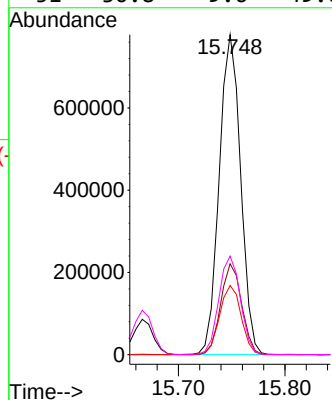
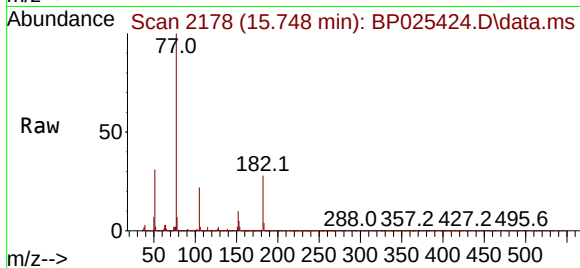


#63
Azobenzene
Concen: 40.048 ng
RT: 15.748 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Instrument :
BNA_P
ClientSampleId :
PB169230BS

Tgt Ion: 77 Resp: 1081923

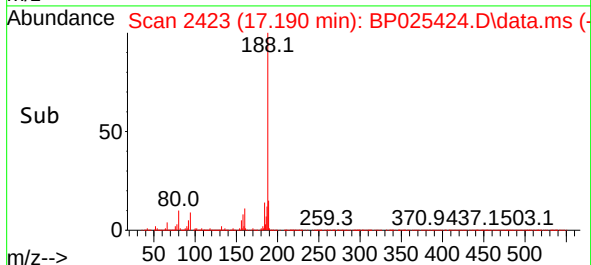
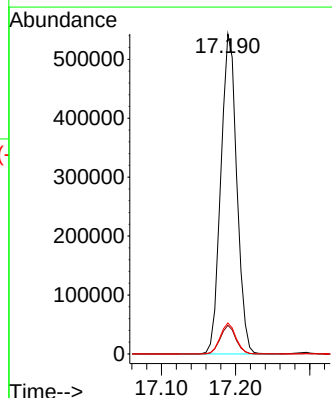
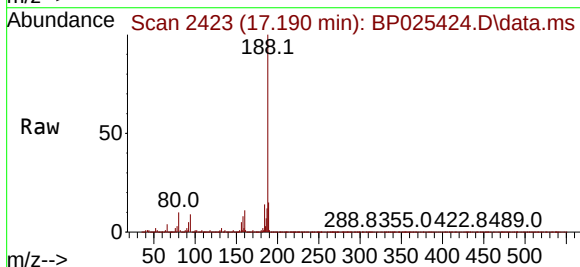
Ion	Ratio	Lower	Upper
77	100		
182	28.4	7.5	47.5
105	21.6	2.1	42.1
51	30.8	9.6	49.6

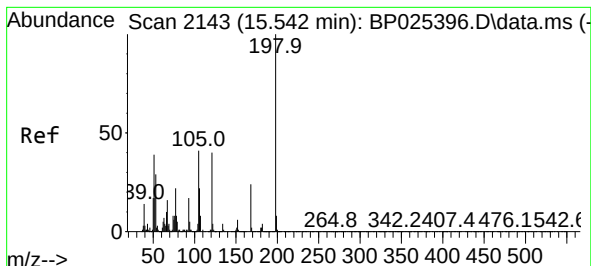


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:188 Resp: 812951

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.7	6.7	10.1

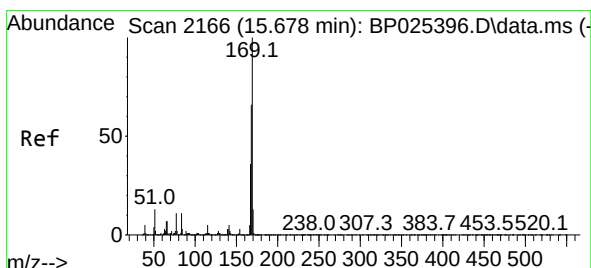
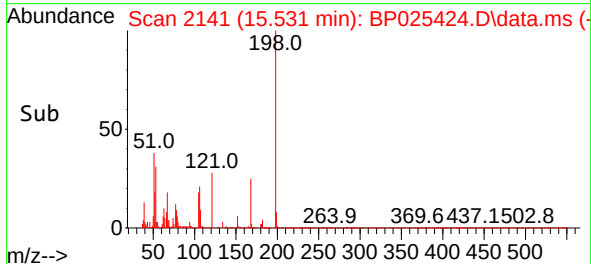
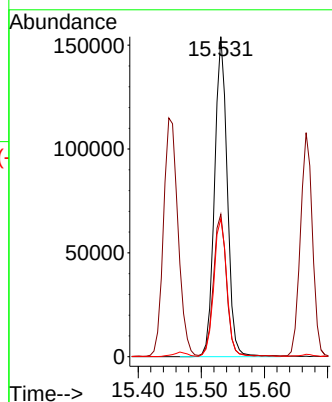
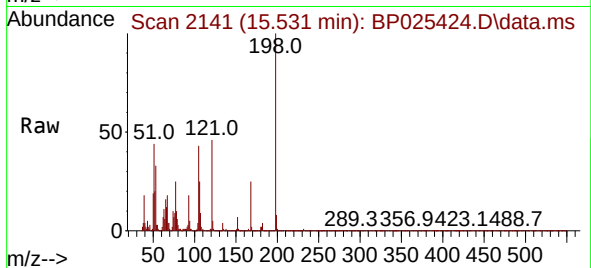




#65
4,6-Dinitro-2-methylphenol
Concen: 42.483 ng
RT: 15.531 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

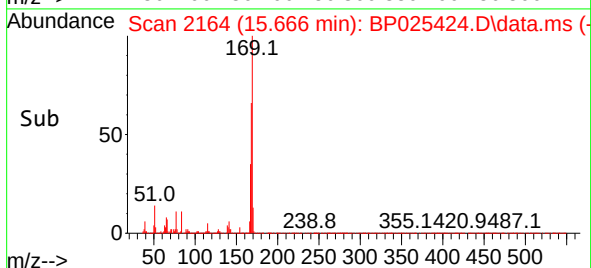
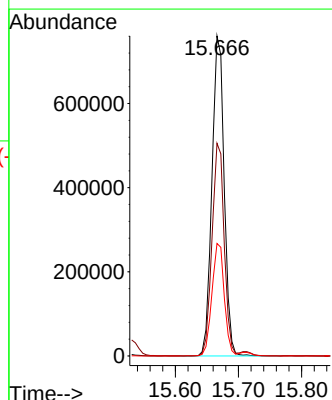
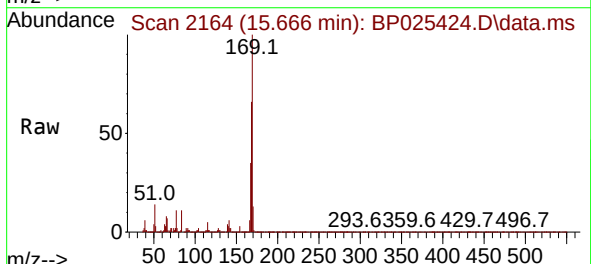
Instrument :
BNA_P
ClientSampleId :
PB169230BS

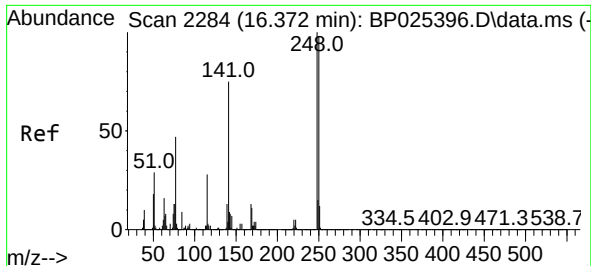
Tgt Ion:198 Resp: 215285
Ion Ratio Lower Upper
198 100
51 44.5 19.6 59.6
105 43.1 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 41.149 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:169 Resp: 1020090
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 35.1 28.7 43.1

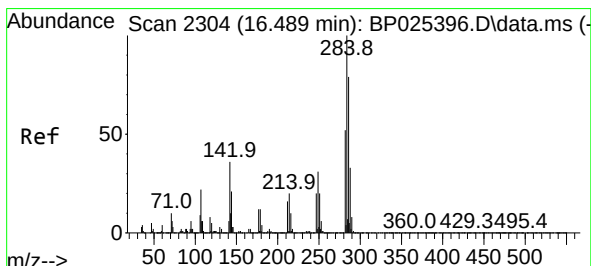
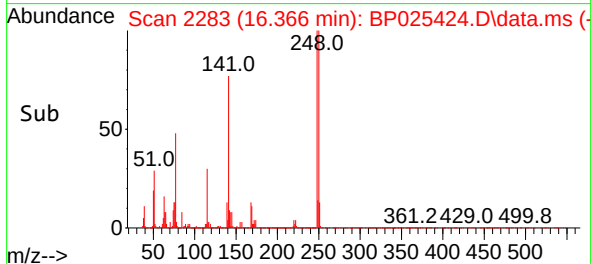
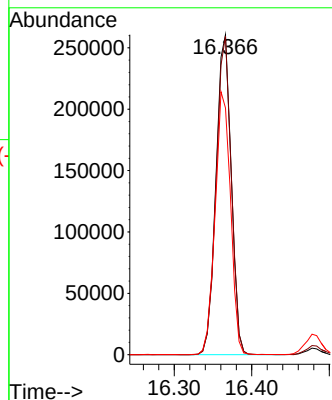
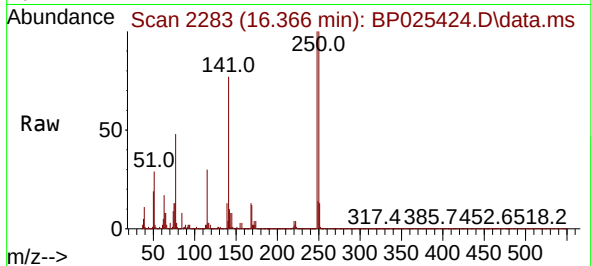




#67
4-Bromophenyl-phenylether
Concen: 40.010 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

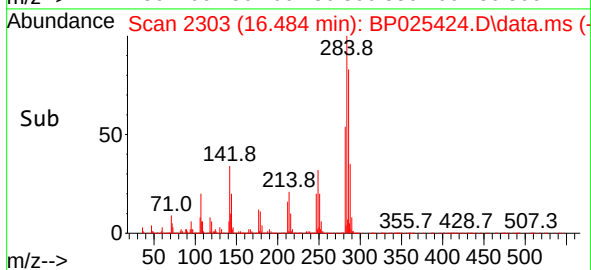
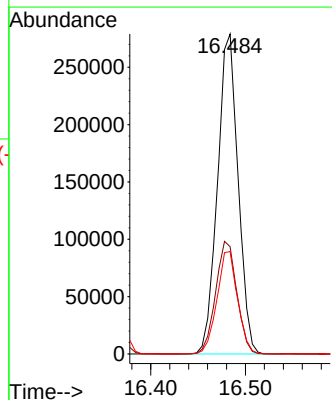
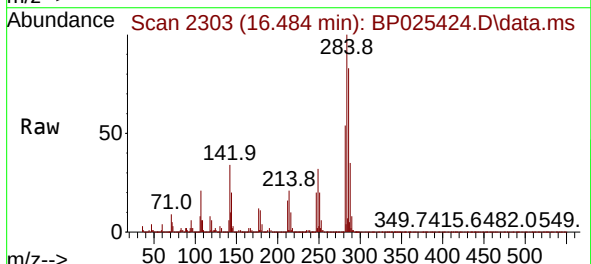
Instrument :
BNA_P
ClientSampleId :
PB169230BS

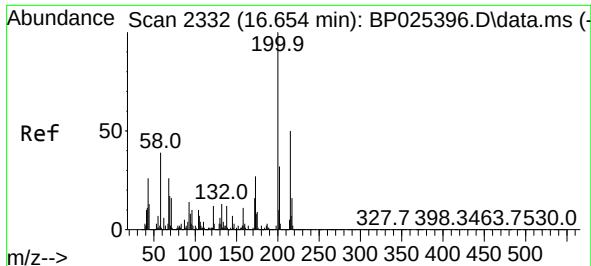
Tgt Ion:248 Resp: 357730
Ion Ratio Lower Upper
248 100
250 99.6 78.2 117.2
141 77.1 59.6 89.4



#68
Hexachlorobenzene
Concen: 40.631 ng
RT: 16.484 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:284 Resp: 421113
Ion Ratio Lower Upper
284 100
142 33.5 29.1 43.7
249 32.0 25.0 37.4

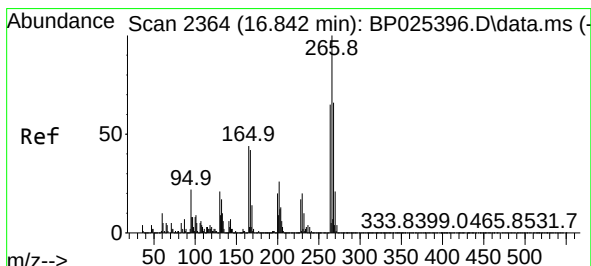
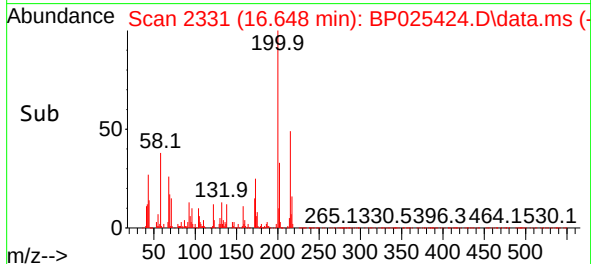
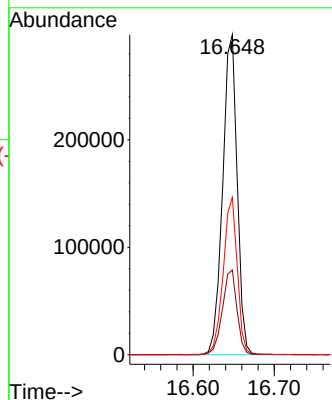
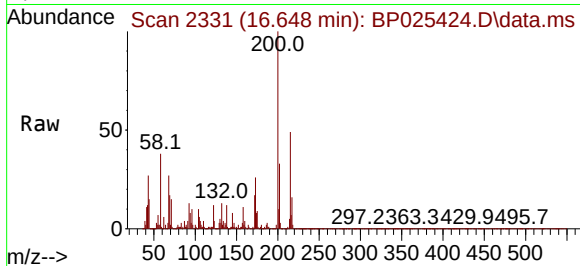




#69
 Atrazine
 Concen: 39.983 ng
 RT: 16.648 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

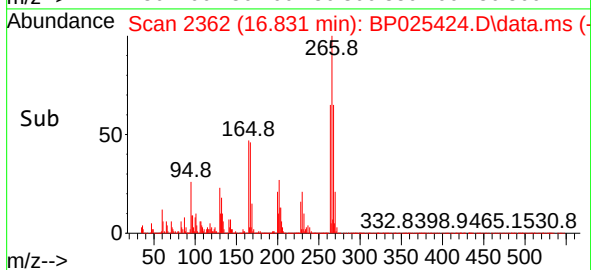
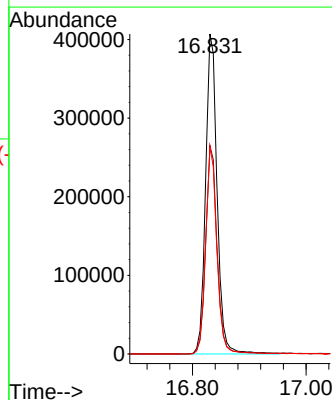
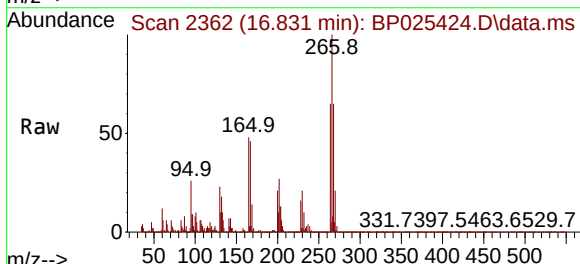
Instrument :
 BNA_P
 ClientSampleId :
 PB169230BS

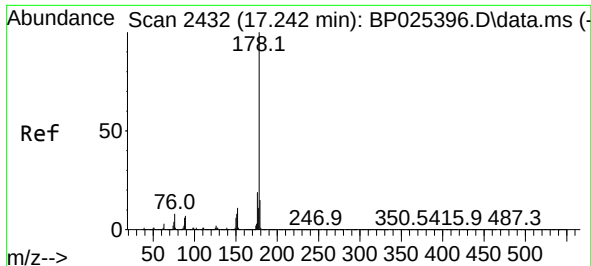
Tgt Ion:200 Resp: 371199
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.7 46.7
 215 49.2 29.7 69.7



#70
 Pentachlorophenol
 Concen: 86.979 ng
 RT: 16.831 min Scan# 2362
 Delta R.T. -0.012 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

Tgt Ion:266 Resp: 569065
 Ion Ratio Lower Upper
 266 100
 268 65.1 52.6 79.0
 264 64.7 52.0 78.0

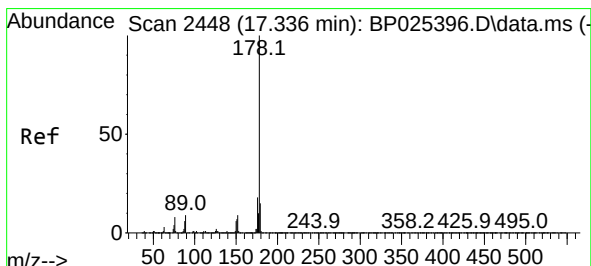
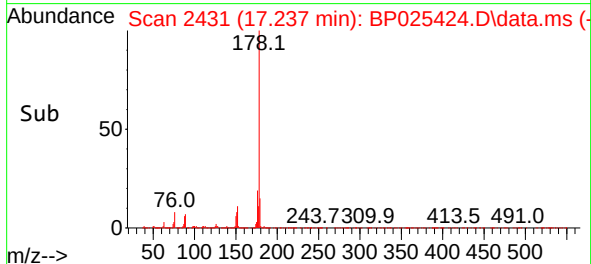
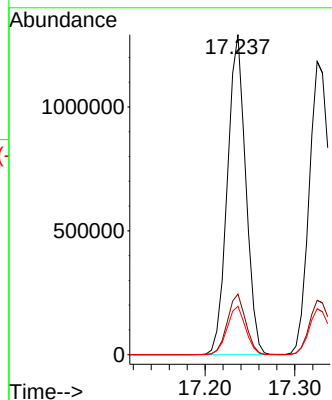
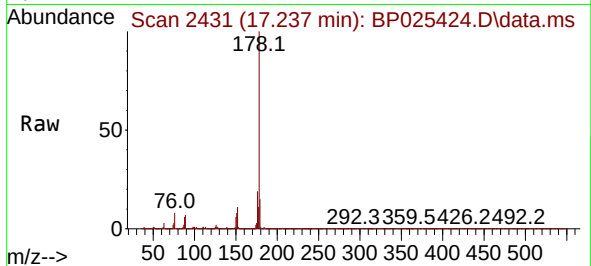




#71
Phenanthrene
Concen: 41.081 ng
RT: 17.237 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

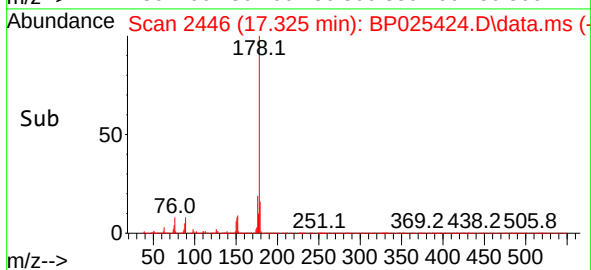
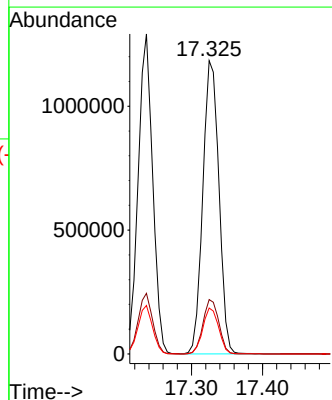
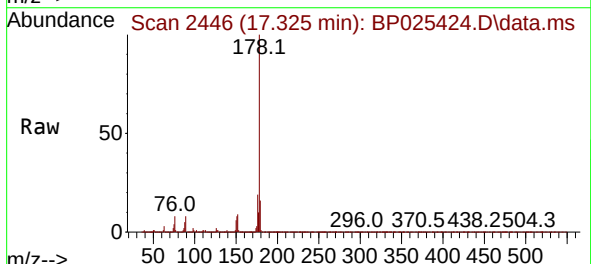
Instrument :
BNA_P
ClientSampleId :
PB169230BS

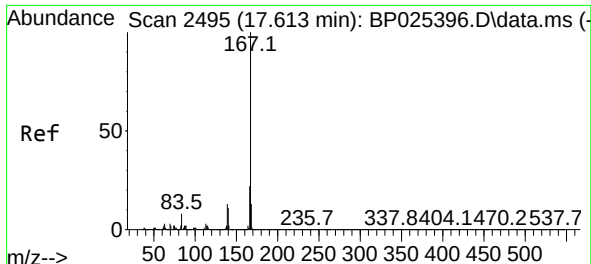
Tgt Ion:178 Resp: 1834594
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.2 12.2 18.4



#72
Anthracene
Concen: 40.953 ng
RT: 17.325 min Scan# 2446
Delta R.T. -0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:178 Resp: 1867641
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.7 12.2 18.2

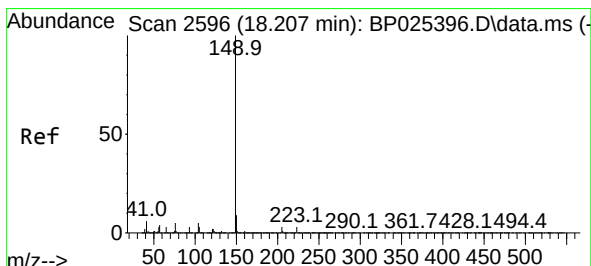
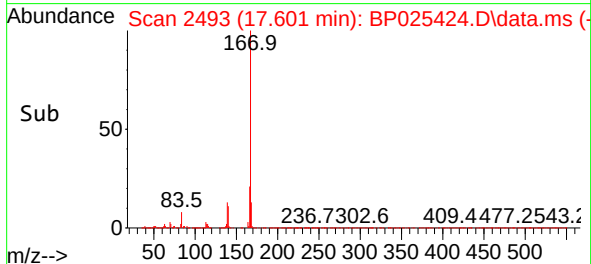
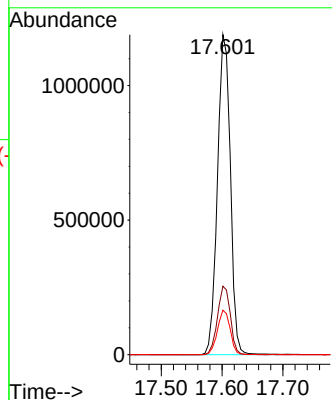
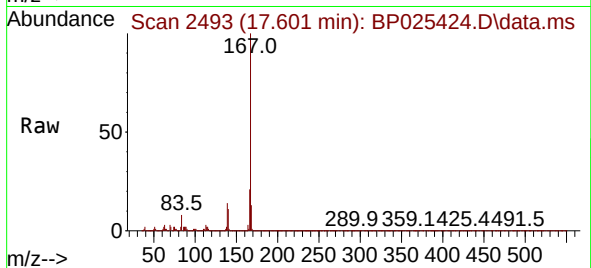




#73
 Carbazole
 Concen: 40.625 ng
 RT: 17.601 min Scan# 2493
 Delta R.T. -0.012 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

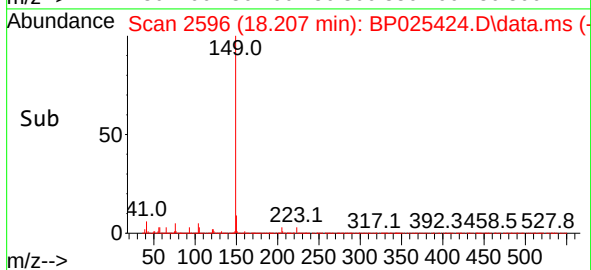
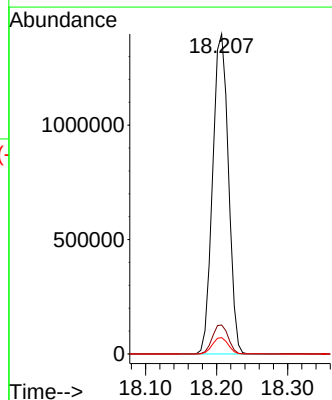
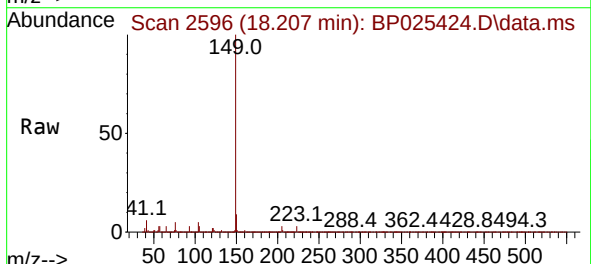
Instrument :
 BNA_P
 ClientSampleId :
 PB169230BS

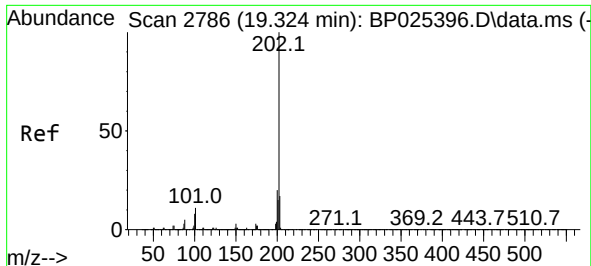
Tgt Ion:167 Resp: 1745068
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 40.744 ng
 RT: 18.207 min Scan# 2596
 Delta R.T. 0.000 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

Tgt Ion:149 Resp: 2153331
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.1 4.2 6.2

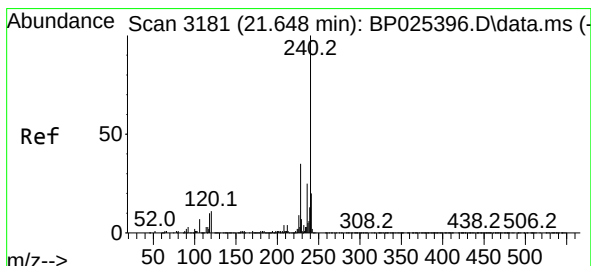
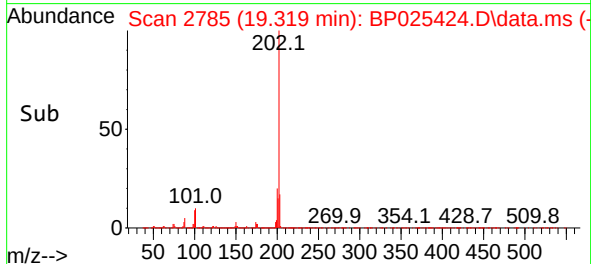
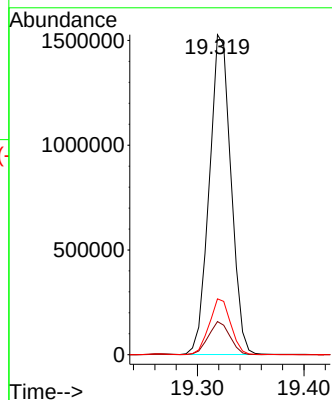
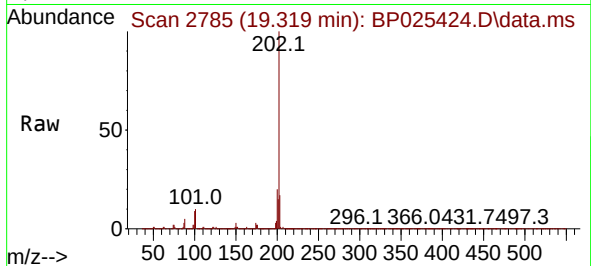




#75
Fluoranthene
Concen: 40.586 ng
RT: 19.319 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

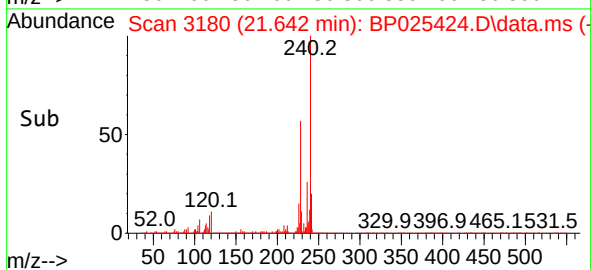
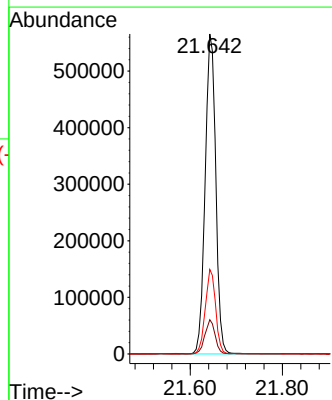
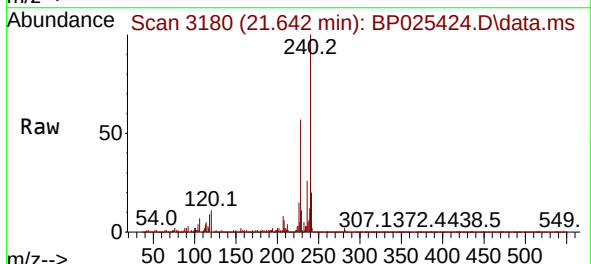
Instrument :
BNA_P
ClientSampleId :
PB169230BS

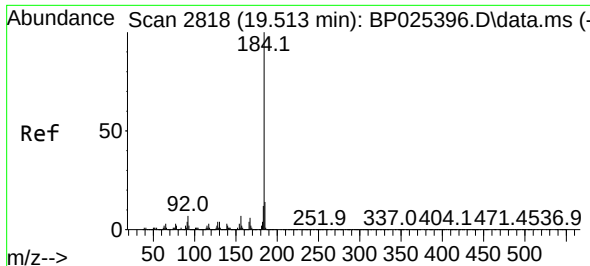
Tgt Ion:202 Resp: 2161988
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.1
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:240 Resp: 911094
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.4 19.8 29.8

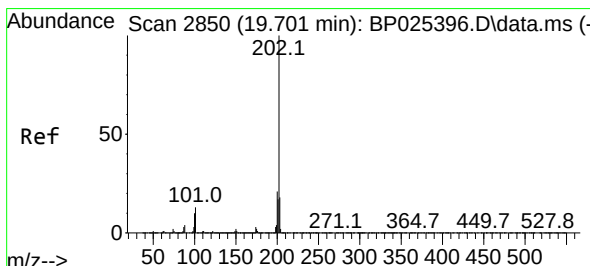
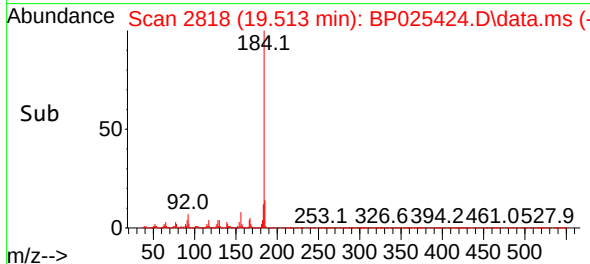
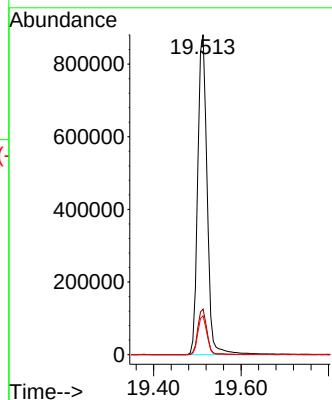
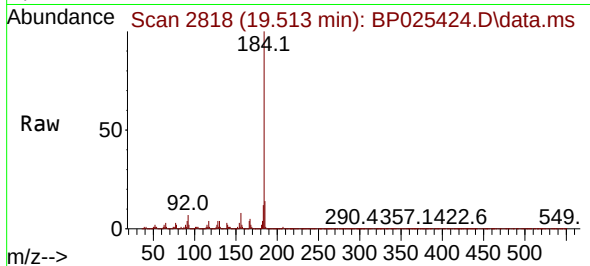




#77
Benzidine
Concen: 42.563 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

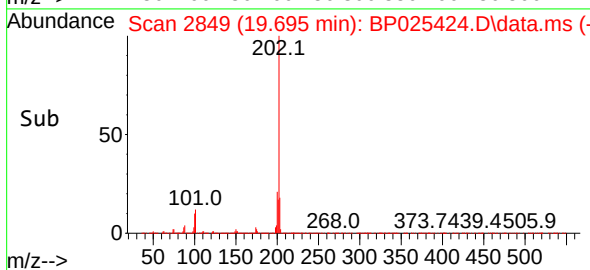
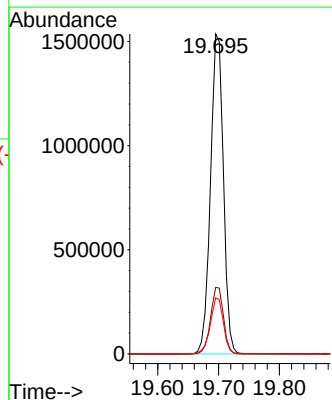
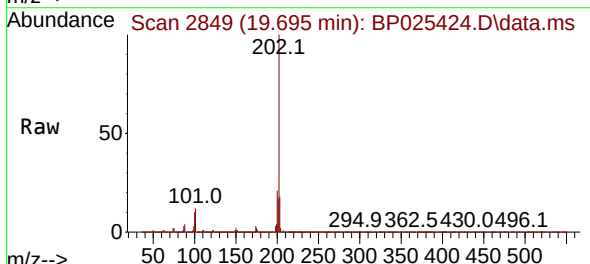
Instrument :
BNA_P
ClientSampleId :
PB169230BS

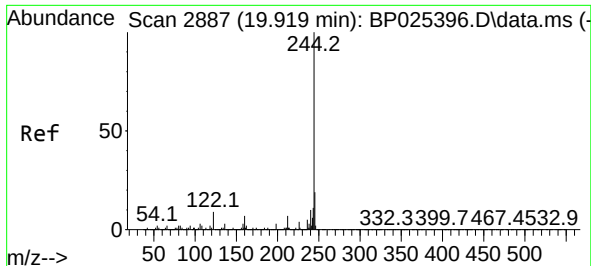
Tgt Ion:184 Resp: 1323440
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 12.1 9.4 14.2



#78
Pyrene
Concen: 38.210 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:202 Resp: 2262750
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.6 14.2 21.2

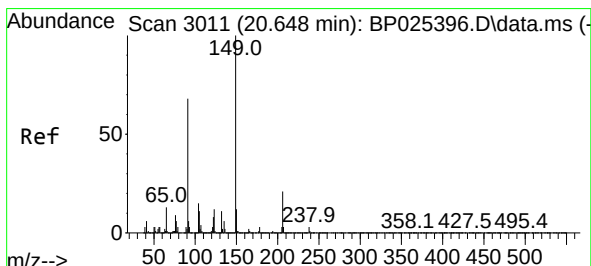
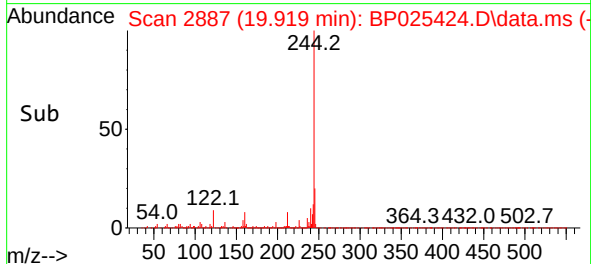
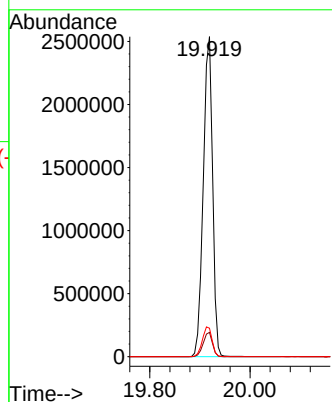
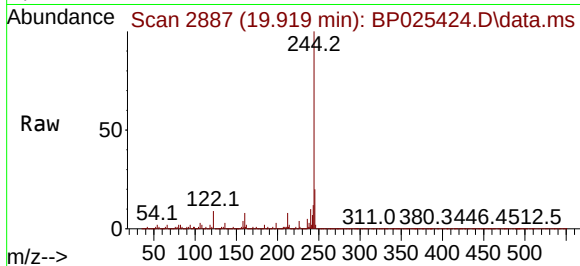




#79
 Terphenyl-d14
 Concen: 65.800 ng
 RT: 19.919 min Scan# 2887
 Delta R.T. 0.000 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

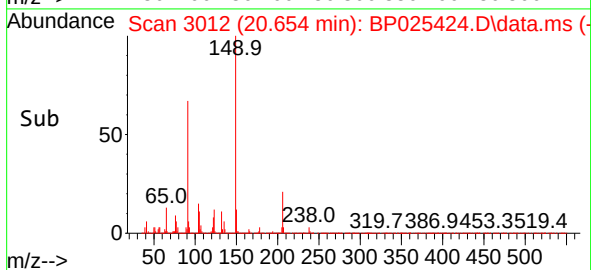
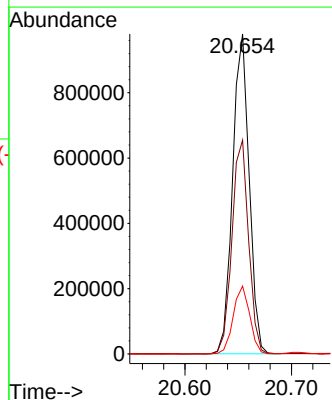
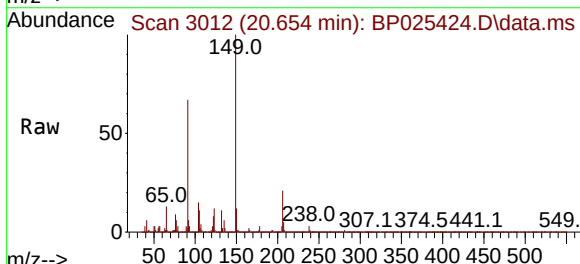
Instrument :
 BNA_P
 ClientSampleId :
 PB169230BS

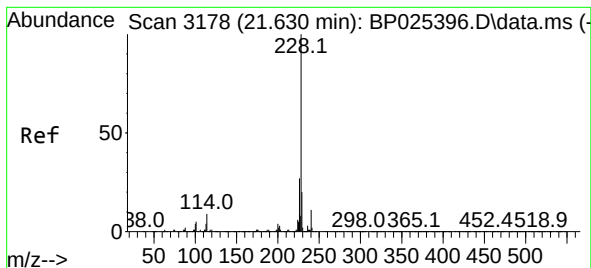
Tgt Ion:244 Resp: 3276717
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 8.9 7.4 11.2



#80
 Butylbenzylphthalate
 Concen: 39.265 ng
 RT: 20.654 min Scan# 3012
 Delta R.T. 0.006 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

Tgt Ion:149 Resp: 1053807
 Ion Ratio Lower Upper
 149 100
 91 66.9 54.2 81.2
 206 21.2 16.6 24.8





#81

Benzo(a)anthracene

Concen: 41.019 ng

RT: 21.625 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

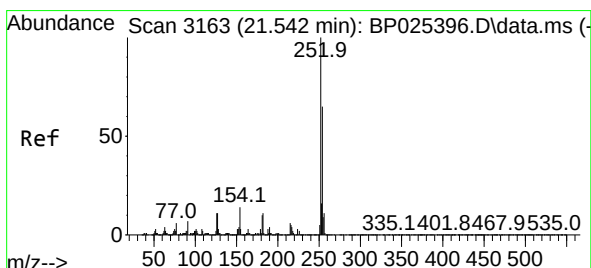
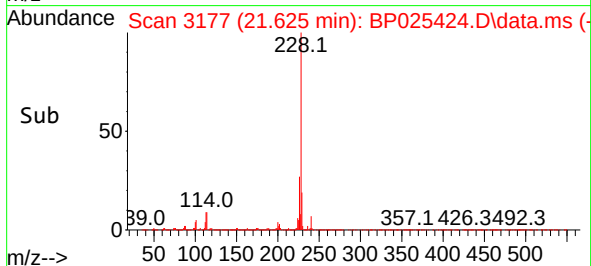
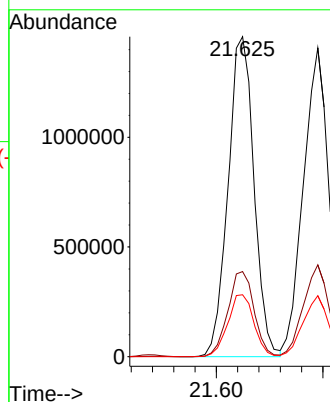
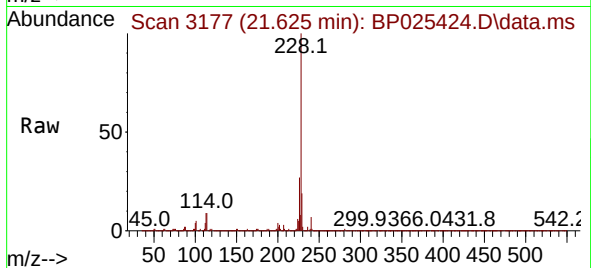
Tgt Ion:228 Resp: 2464717

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

229 19.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 30.320 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

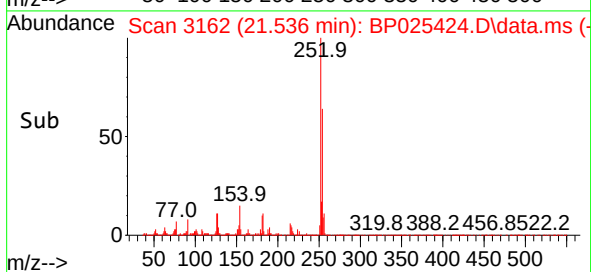
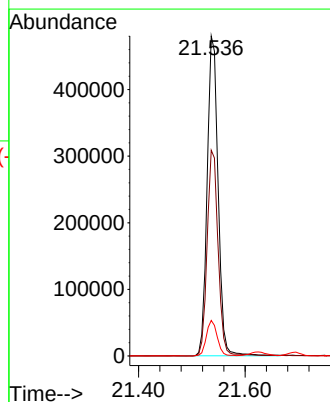
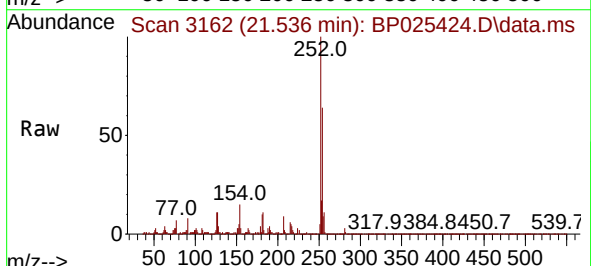
Tgt Ion:252 Resp: 686690

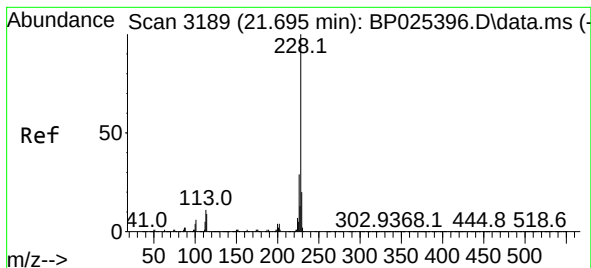
Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.6

126 11.1 9.1 13.7





#83

Chrysene

Concen: 40.951 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

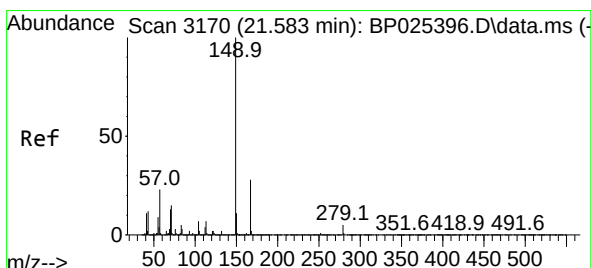
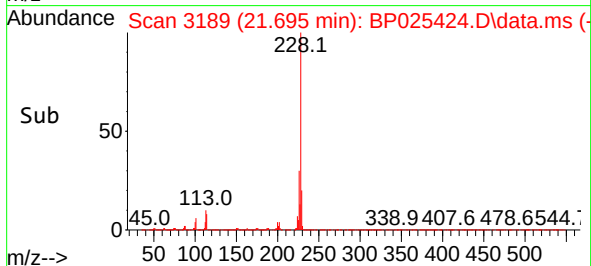
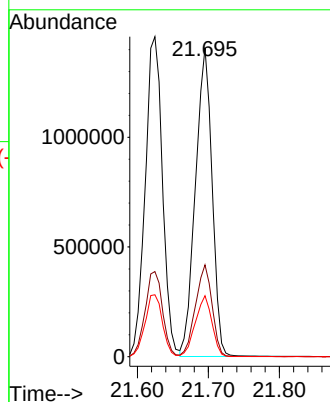
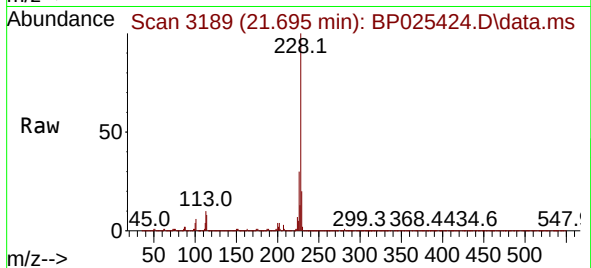
Tgt Ion:228 Resp: 2304341

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.360 ng

RT: 21.578 min Scan# 3169

Delta R.T. -0.006 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

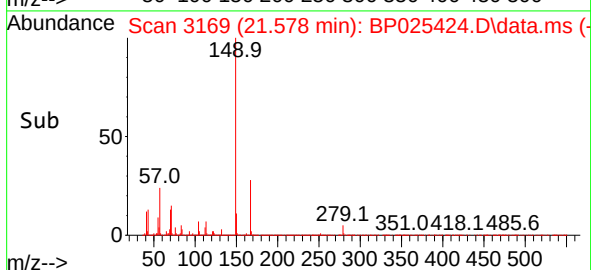
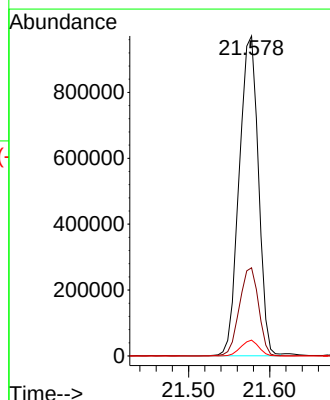
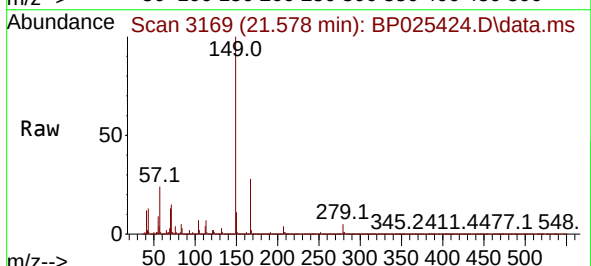
Tgt Ion:149 Resp: 1594510

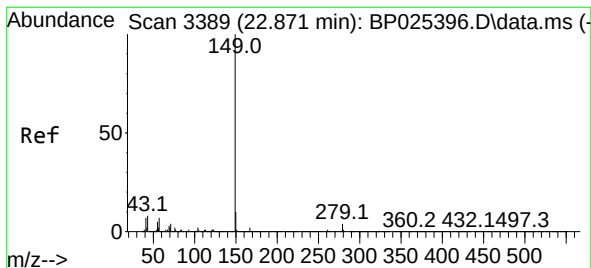
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 41.649 ng

RT: 22.860 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

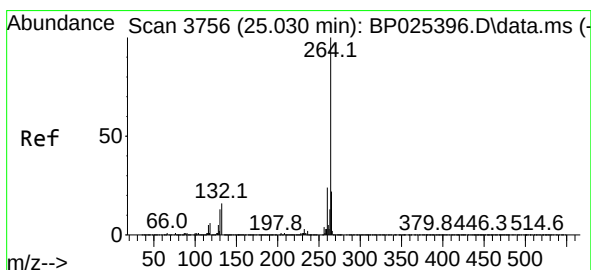
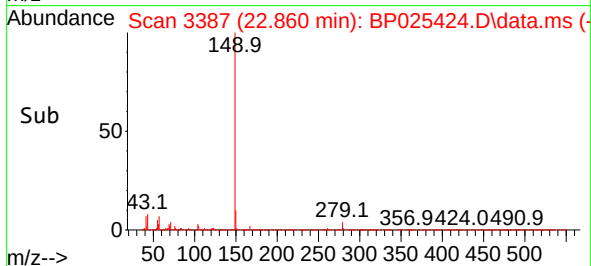
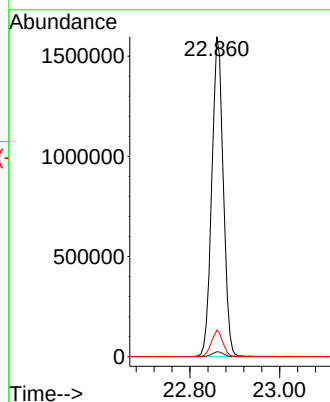
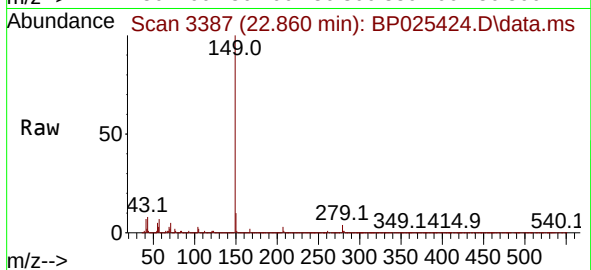
Tgt Ion:149 Resp: 2830250

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.2 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.019 min Scan# 3754

Delta R.T. -0.012 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

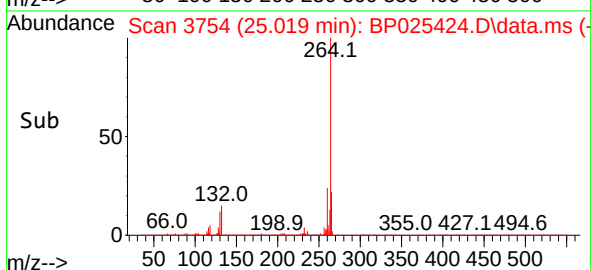
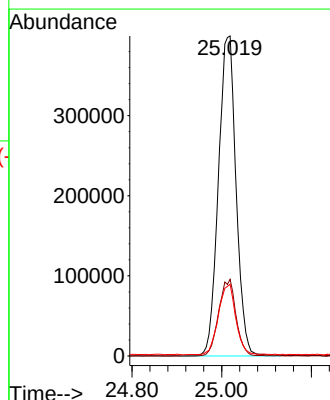
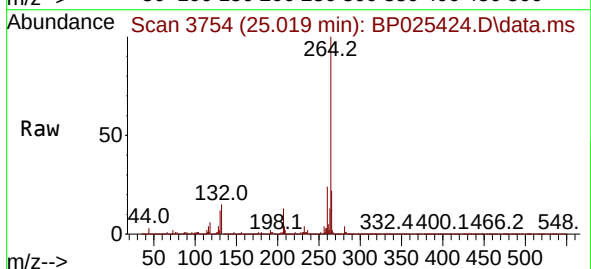
Tgt Ion:264 Resp: 1094193

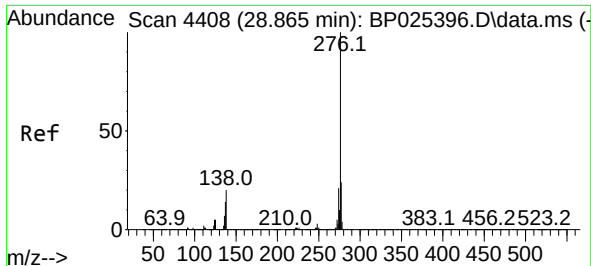
Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 22.4 17.4 26.0

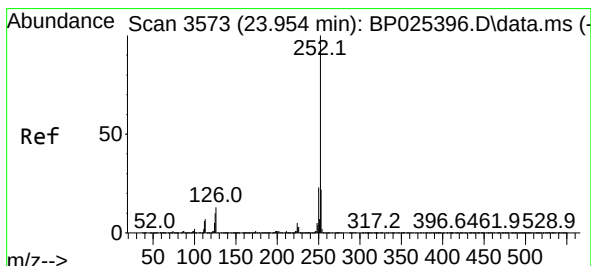
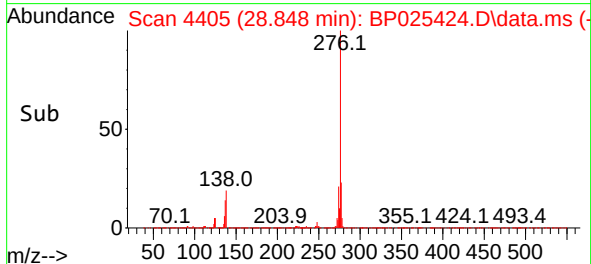
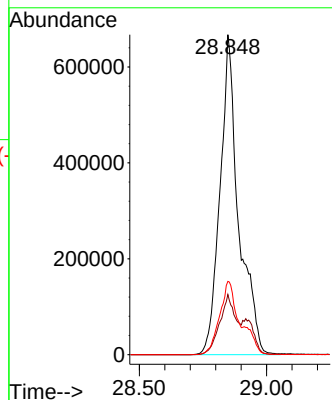
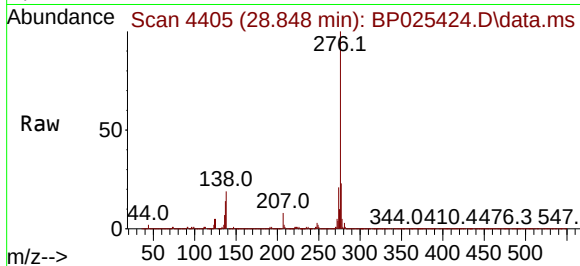




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.203 ng
 RT: 28.848 min Scan# 4408
 Delta R.T. -0.017 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

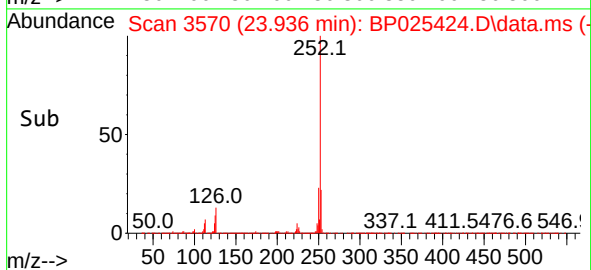
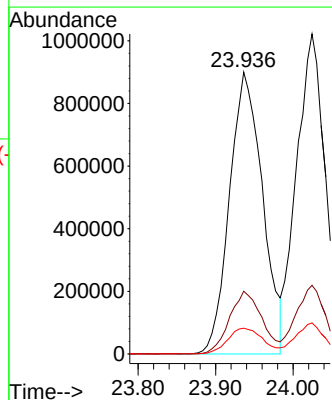
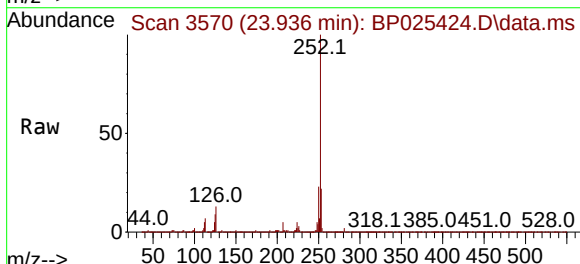
Instrument :
 BNA_P
 ClientSampleId :
 PB169230BS

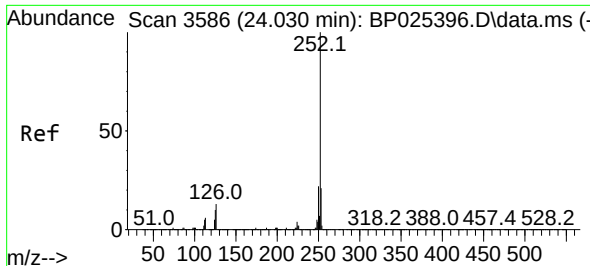
Tgt Ion:276 Resp: 3386531
 Ion Ratio Lower Upper
 276 100
 138 16.6 12.9 19.3
 277 20.7 17.0 25.6



#88
 Benzo(b)fluoranthene
 Concen: 41.401 ng
 RT: 23.936 min Scan# 3570
 Delta R.T. -0.017 min
 Lab File: BP025424.D
 Acq: 15 Aug 2025 11:59

Tgt Ion:252 Resp: 2671223
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.7 26.5
 125 9.1 7.9 11.9

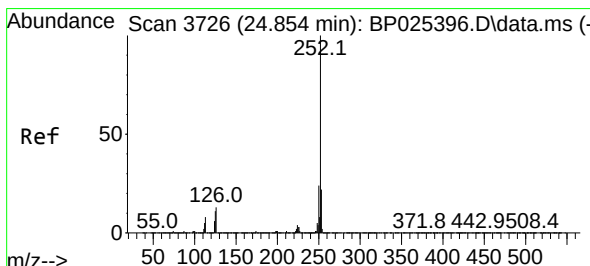
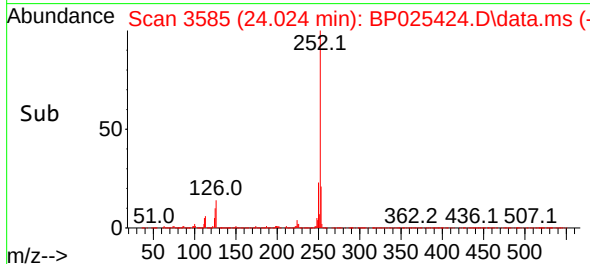
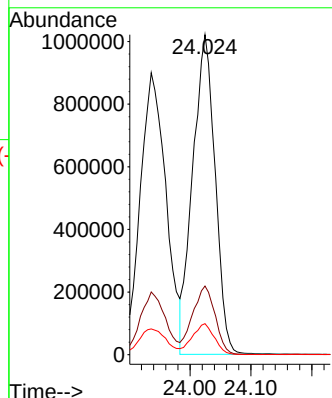
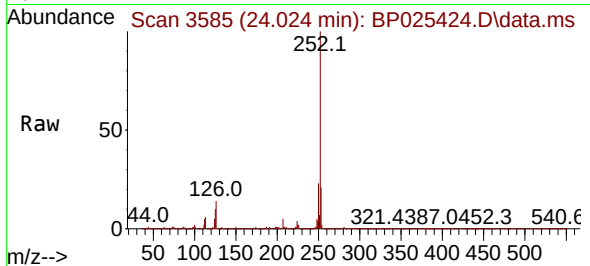




#89
Benzo(k)fluoranthene
Concen: 40.388 ng
RT: 24.024 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

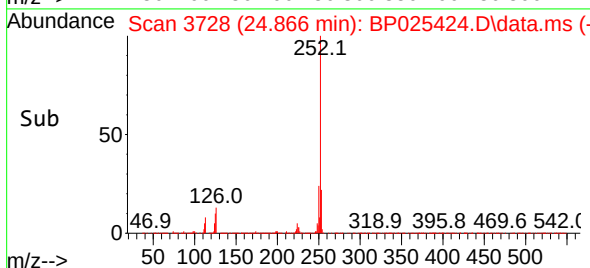
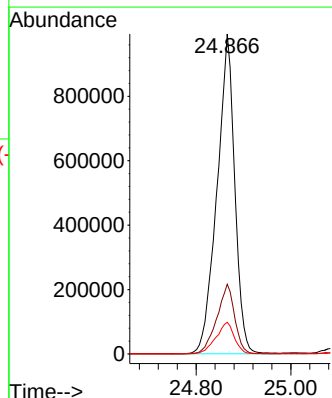
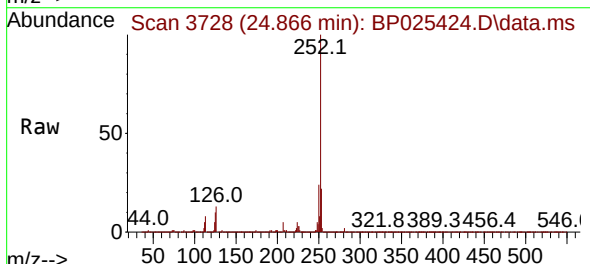
Instrument :
BNA_P
ClientSampleId :
PB169230BS

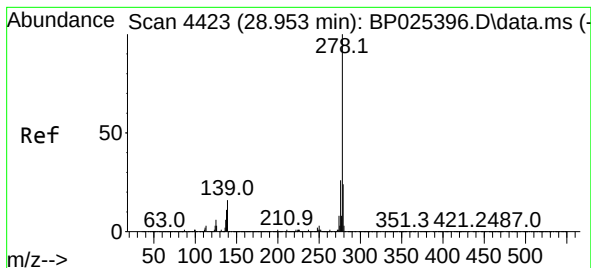
Tgt Ion:252 Resp: 2607648
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 9.7 7.8 11.6



#90
Benzo(a)pyrene
Concen: 41.168 ng
RT: 24.866 min Scan# 3728
Delta R.T. 0.012 min
Lab File: BP025424.D
Acq: 15 Aug 2025 11:59

Tgt Ion:252 Resp: 2585640
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.9 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 41.882 ng

RT: 28.936 min Scan# 4423

Delta R.T. -0.017 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Instrument :

BNA_P

ClientSampleId :

PB169230BS

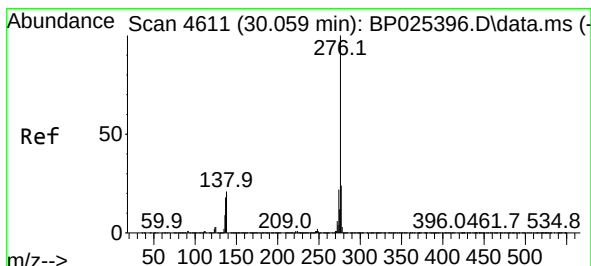
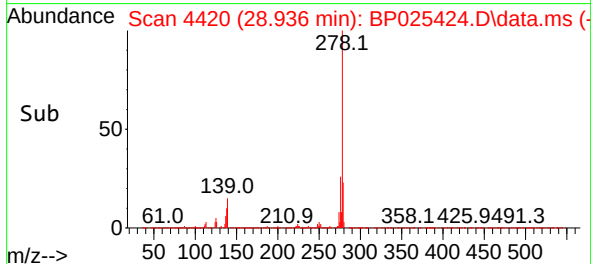
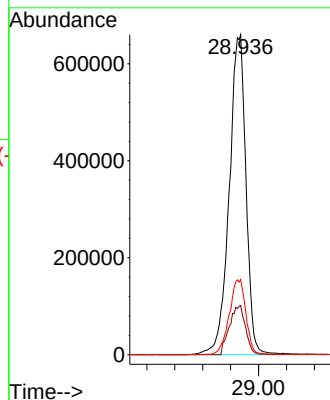
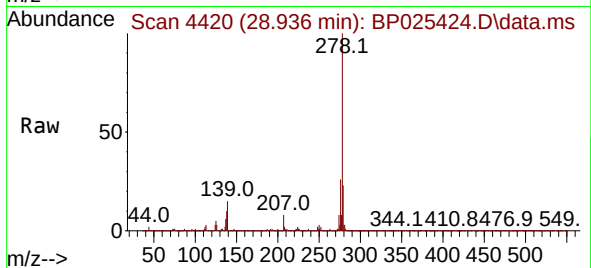
Tgt Ion:278 Resp: 2746421

Ion Ratio Lower Upper

278 100

139 15.4 13.0 19.4

279 23.5 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 25.058 ng

RT: 30.018 min Scan# 4604

Delta R.T. -0.041 min

Lab File: BP025424.D

Acq: 15 Aug 2025 11:59

Tgt Ion:276 Resp: 1615238

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 19.5 16.7 25.1

