

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025581.D
 Acq On : 26 Aug 2025 11:44
 Operator : CG/JU
 Sample : PB169362BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169362BS

Quant Time: Aug 26 12:07:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	256194	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	1004578	20.000	ng	-0.01
39) Acenaphthene-d10	14.407	164	636349	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	1239646	20.000	ng	0.00
76) Chrysene-d12	21.630	240	1177566	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1318341	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1791887	116.154	ng	0.00
7) Phenol-d6	6.972	99	2226832	112.588	ng	0.00
23) Nitrobenzene-d5	8.925	82	1431478	72.082	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	1021885	119.305	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	3299304	70.859	ng	0.00
79) Terphenyl-d14	19.919	244	4858385	75.484	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	211063	34.929	ng	98
3) Pyridine	3.726	79	587186	35.502	ng	97
4) n-Nitrosodimethylamine	3.631	42	280989	41.209	ng	97
6) Aniline	7.114	93	795779	29.862	ng	97
8) 2-Chlorophenol	7.355	128	723872	41.581	ng	98
9) Benzaldehyde	6.931	77	317953	22.945	ng	97
10) Phenol	7.002	94	864737	41.666	ng	99
11) bis(2-Chloroethyl)ether	7.208	93	648453	40.087	ng	99
12) 1,3-Dichlorobenzene	7.672	146	767314	39.973	ng	100
13) 1,4-Dichlorobenzene	7.814	146	784585	39.989	ng	99
14) 1,2-Dichlorobenzene	8.125	146	755735	39.791	ng	99
15) Benzyl Alcohol	8.014	79	617462	39.290	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.302	45	860354	39.703	ng	100
17) 2-Methylphenol	8.231	107	591057	41.006	ng	99
18) Hexachloroethane	8.855	117	291012	40.340	ng	95
19) n-Nitroso-di-n-propyla...	8.578	70	477539	36.451	ng	99
20) 3+4-Methylphenols	8.555	107	794684	39.774	ng	99
22) Acetophenone	8.596	105	1002924	39.810	ng	# 99
24) Nitrobenzene	8.966	77	730033	41.133	ng	99
25) Isophorone	9.490	82	1378210	39.215	ng	98
26) 2-Nitrophenol	9.666	139	389055	42.713	ng	97
27) 2,4-Dimethylphenol	9.737	122	662704	42.307	ng	99
28) bis(2-Chloroethoxy)met...	9.961	93	850880	40.052	ng	99
29) 2,4-Dichlorophenol	10.208	162	673024	43.252	ng	98
30) 1,2,4-Trichlorobenzene	10.413	180	685300	40.176	ng	99
31) Naphthalene	10.602	128	2075445	39.749	ng	99
32) Benzoic acid	9.908	122	524790	45.380	ng	98
33) 4-Chloroaniline	10.708	127	551600	23.916	ng	99
34) Hexachlorobutadiene	10.878	225	433221	40.781	ng	100
35) Caprolactam	11.502	113	225808	39.576	ng	97
36) 4-Chloro-3-methylphenol	11.843	107	755078	42.289	ng	98
37) 2-Methylnaphthalene	12.207	142	1339301	39.416	ng	98
38) 1-Methylnaphthalene	12.425	142	1381572	38.233	ng	99
40) 1,2,4,5-Tetrachloroben...	12.578	216	771235	41.964	ng	99
41) Hexachlorocyclopentadiene	12.560	237	899638	81.039	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	546655	44.058	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	606774	44.621	ng	99
46) 1,1'-Biphenyl	13.219	154	1931665	41.797	ng	99
47) 2-Chloronaphthalene	13.266	162	1472263	40.921	ng	99
48) 2-Nitroaniline	13.466	65	461040	43.979	ng	98
49) Acenaphthylene	14.119	152	2435658	40.912	ng	100
50) Dimethylphthalate	13.854	163	1911307	41.016	ng	100
51) 2,6-Dinitrotoluene	13.972	165	426287	43.402	ng	99
52) Acenaphthene	14.466	154	1380494	39.505	ng	98
53) 3-Nitroaniline	14.307	138	345007	31.221	ng	97
54) 2,4-Dinitrophenol	14.519	184	533837	101.778	ng	95
55) Dibenzofuran	14.801	168	2222480	40.227	ng	99
56) 4-Nitrophenol	14.643	139	745489	82.098	ng	95
57) 2,4-Dinitrotoluene	14.766	165	611705	43.652	ng	96
58) Fluorene	15.460	166	1754062	40.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	516718	43.035	ng	99
60) Diethylphthalate	15.237	149	1963954	41.478	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	869582	40.107	ng	99
62) 4-Nitroaniline	15.484	138	465461	41.087	ng	98
63) Azobenzene	15.766	77	1705622	42.069	ng	99
65) 4,6-Dinitro-2-methylph...	15.543	198	360561	46.660	ng	97
66) n-Nitrosodiphenylamine	15.684	169	1617614	42.792	ng	99
67) 4-Bromophenyl-phenylether	16.378	248	576012	42.249	ng	100
68) Hexachlorobenzene	16.495	284	664199	42.026	ng	98
69) Atrazine	16.660	200	590609	41.719	ng	100
70) Pentachlorophenol	16.843	266	866823	86.886	ng	96
71) Phenanthrene	17.242	178	2783407	40.874	ng	99
72) Anthracene	17.337	178	2880596	41.423	ng	100
73) Carbazole	17.613	167	2673601	40.817	ng	100
74) Di-n-butylphthalate	18.201	149	3353500	41.612	ng	99
75) Fluoranthene	19.319	202	3247240	39.976	ng	99
77) Benzidine	19.519	184	1596713	39.731	ng	99
78) Pyrene	19.695	202	3319660	43.373	ng	99
80) Butylbenzylphthalate	20.642	149	1537154	44.314	ng	99
81) Benzo(a)anthracene	21.607	228	3274508	42.164	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	934179	31.914	ng	99
83) Chrysene	21.678	228	3029858	41.659	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	2179550	42.684	ng	100
85) Di-n-octyl phthalate	22.836	149	3839151	43.711	ng	99
87) Indeno(1,2,3-cd)pyrene	28.854	276	4001108	41.384	ng	# 95
88) Benzo(b)fluoranthene	23.948	252	3243383	41.722	ng	99
89) Benzo(k)fluoranthene	24.019	252	3250836	41.789	ng	99
90) Benzo(a)pyrene	24.848	252	3144868	41.559	ng	99
91) Dibenzo(a,h)anthracene	28.918	278	3304493	41.824	ng	98
92) Benzo(g,h,i)perylene	30.024	276	3213416	41.376	ng	99

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

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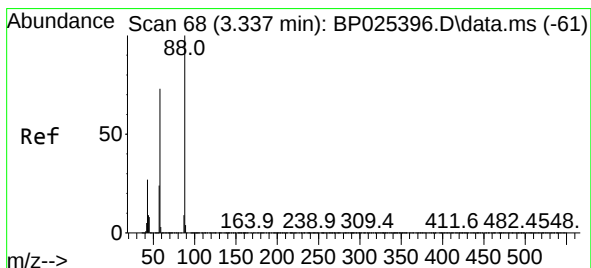
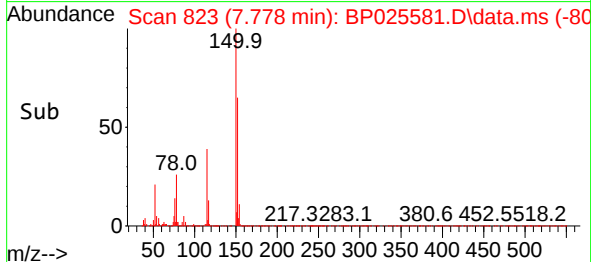
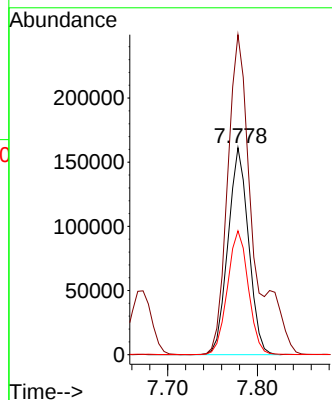
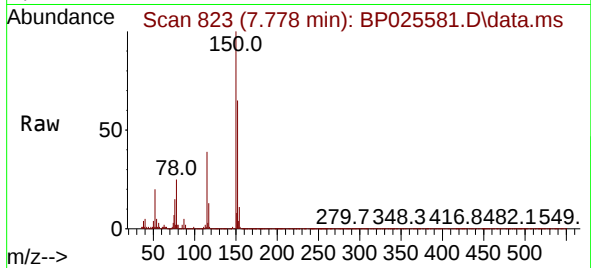




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

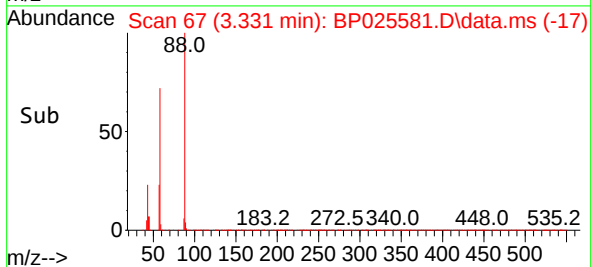
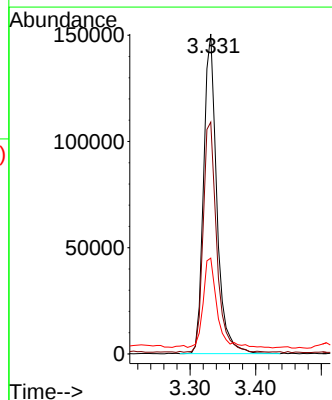
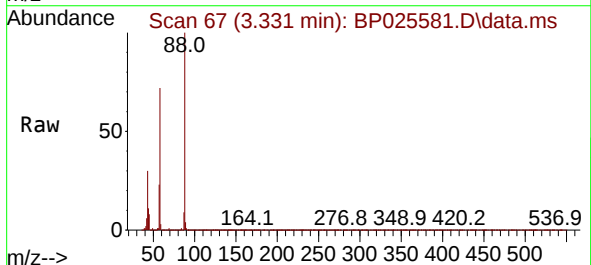
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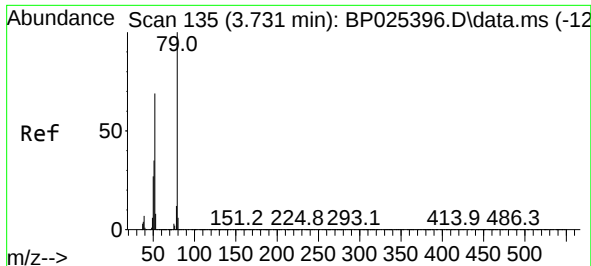
Tgt Ion:152 Resp: 256194
Ion Ratio Lower Upper
152 100
150 154.5 125.9 188.9
115 59.8 48.5 72.7



#2
1,4-Dioxane
Concen: 34.929 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 88 Resp: 211063
Ion Ratio Lower Upper
88 100
58 73.5 59.2 88.8
43 29.7 21.7 32.5

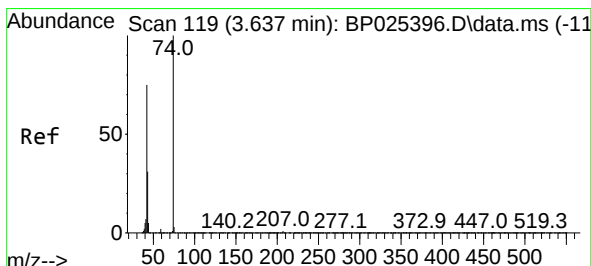
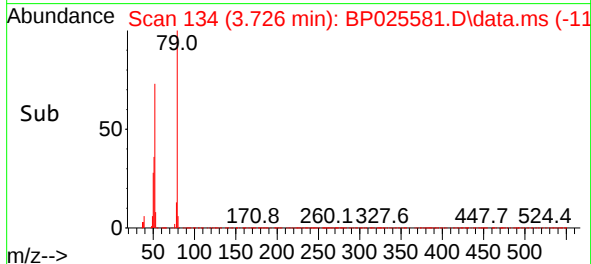
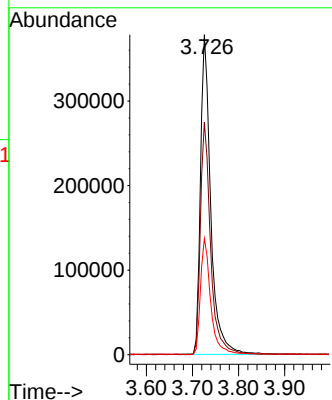
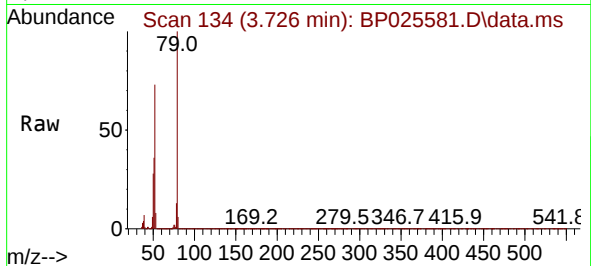




#3
Pyridine
Concen: 35.502 ng
RT: 3.726 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025581.D
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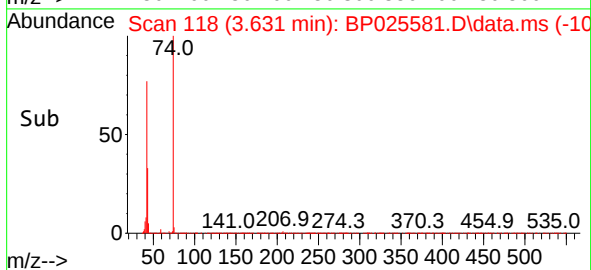
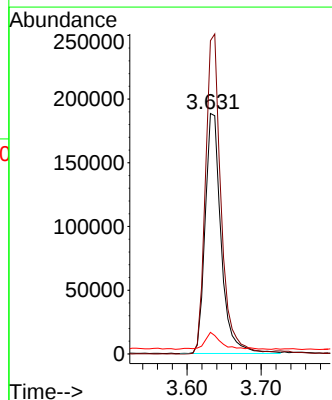
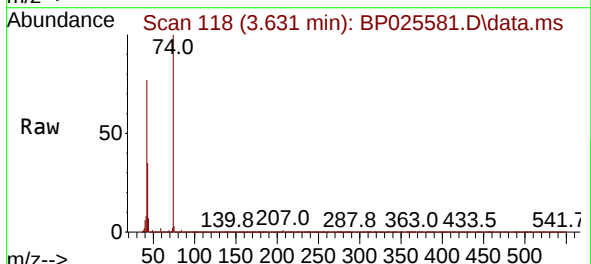
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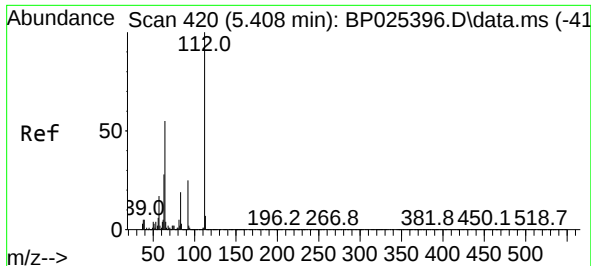
Tgt Ion: 79 Resp: 587186
Ion Ratio Lower Upper
79 100
52 72.7 55.5 83.3
51 36.3 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 41.209 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 42 Resp: 280989
Ion Ratio Lower Upper
42 100
74 130.2 107.0 160.4
44 9.0 6.2 9.4

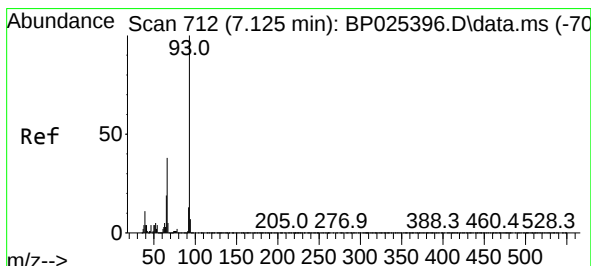
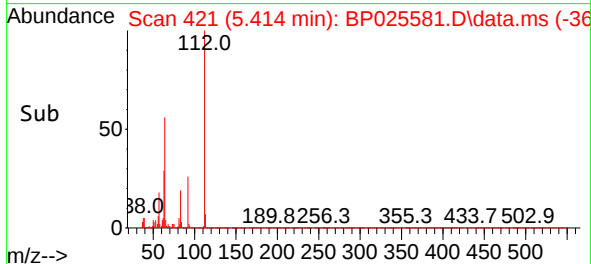
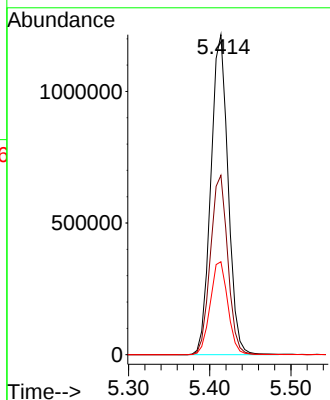
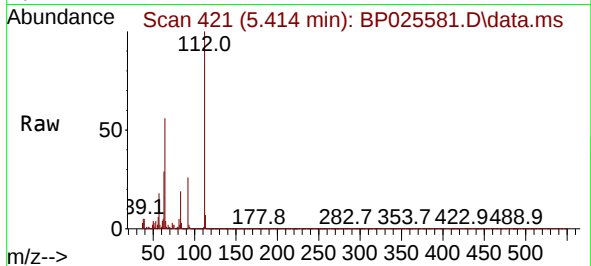




#5
2-Fluorophenol
Concen: 116.154 ng
RT: 5.414 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

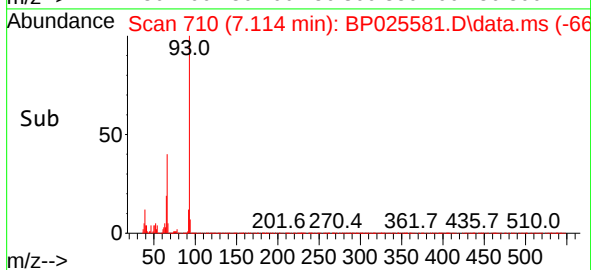
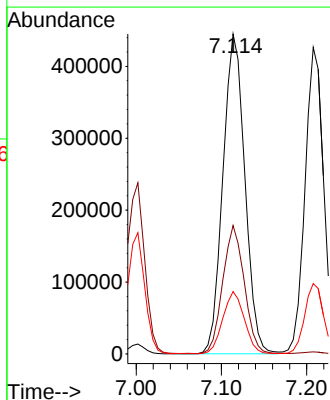
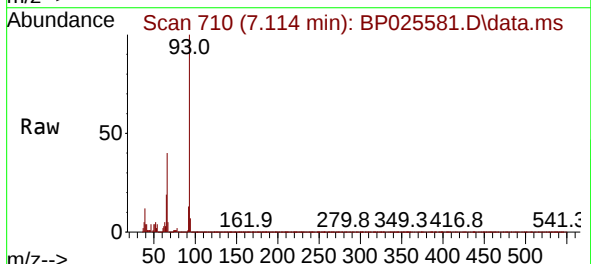
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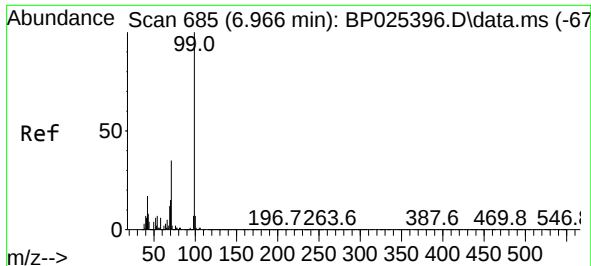
Tgt Ion:112 Resp: 1791887
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 29.1 22.7 34.1



#6
Aniline
Concen: 29.862 ng
RT: 7.114 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 93 Resp: 795779
Ion Ratio Lower Upper
93 100
66 40.1 30.4 45.6
65 19.5 15.3 22.9

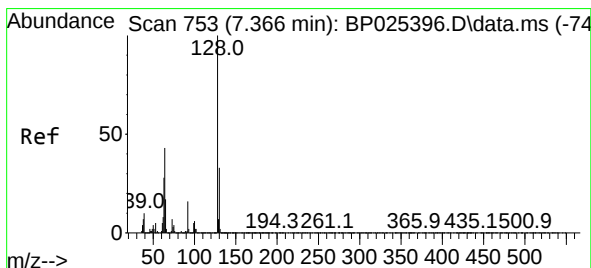
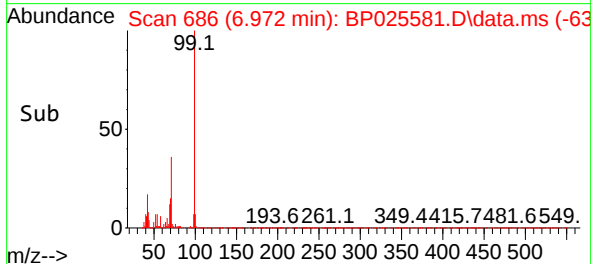
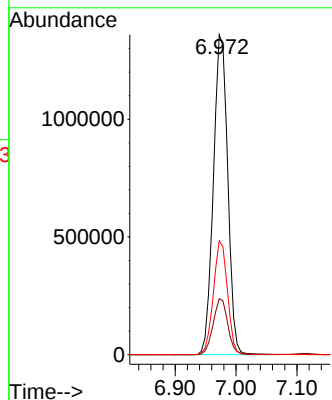
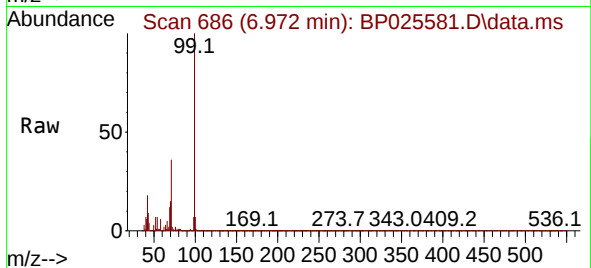




#7
Phenol-d6
Concen: 112.588 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025581.D
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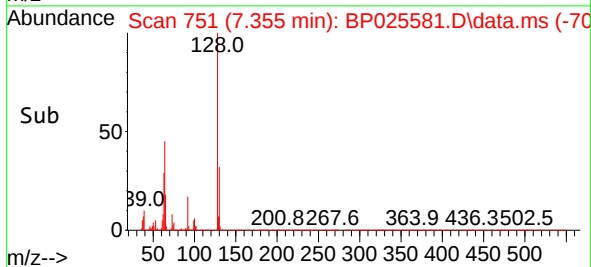
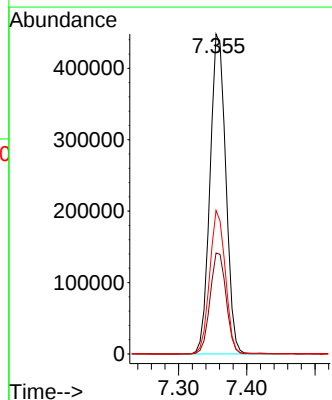
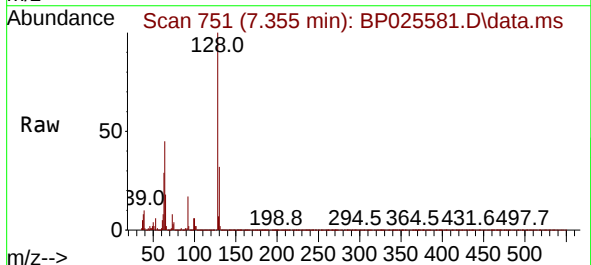
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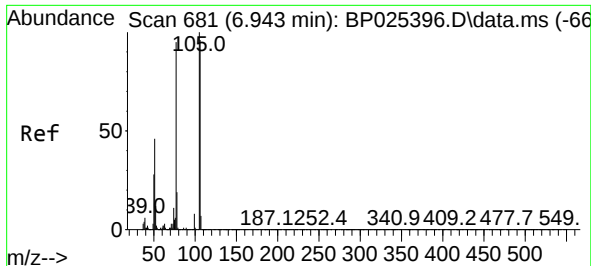
Tgt Ion: 99 Resp: 2226832
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 35.6 28.2 42.4



#8
2-Chlorophenol
Concen: 41.581 ng
RT: 7.355 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025581.D
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Tgt Ion:128 Resp: 723872
Ion Ratio Lower Upper
128 100
130 31.5 12.6 52.6
64 44.9 23.4 63.4

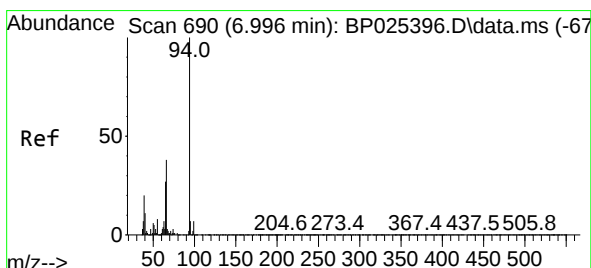
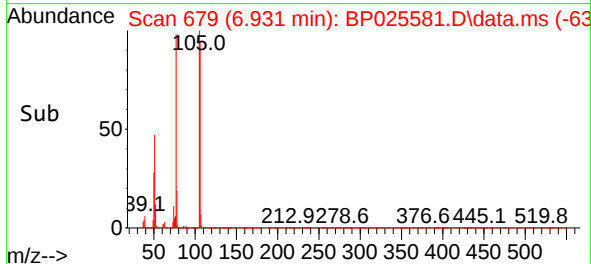
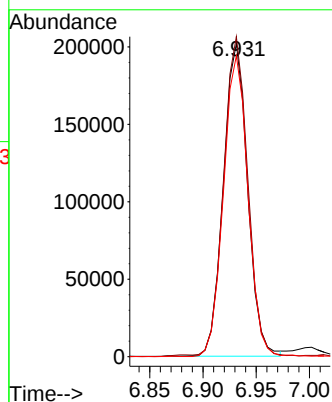
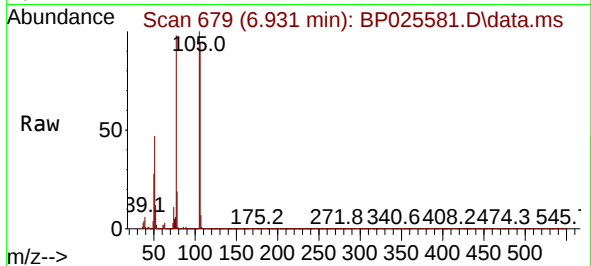




#9
Benzaldehyde
Concen: 22.945 ng
RT: 6.931 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

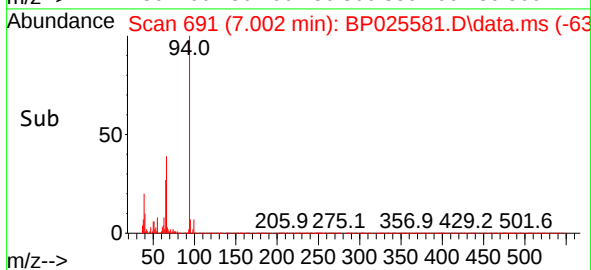
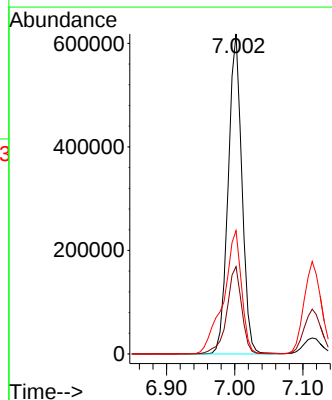
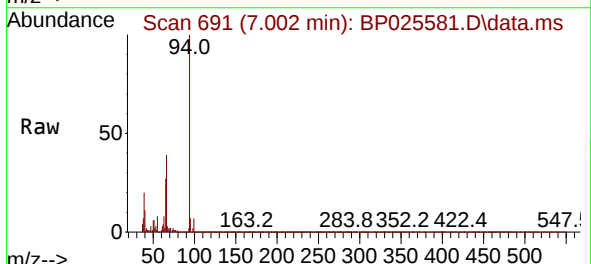
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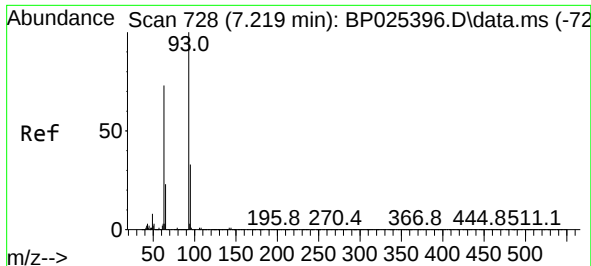
Tgt Ion: 77 Resp: 317953
Ion Ratio Lower Upper
77 100
105 102.2 84.8 124.8
106 96.1 80.5 120.5



#10
Phenol
Concen: 41.666 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 864737
Ion Ratio Lower Upper
94 100
65 27.3 6.8 46.8
66 38.5 18.2 58.2

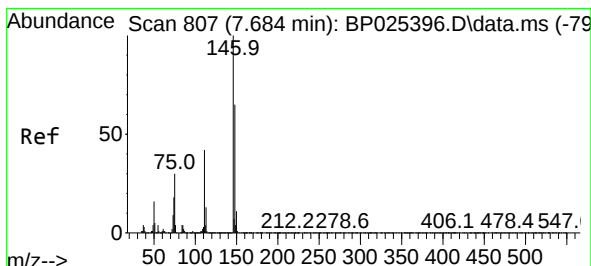
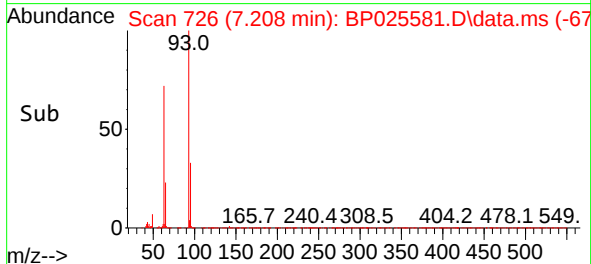
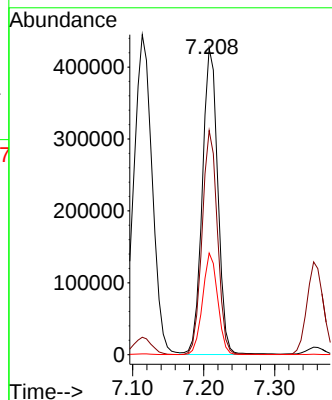
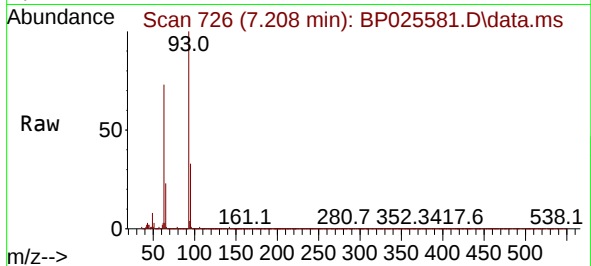




#11
bis(2-Chloroethyl)ether
Concen: 40.087 ng
RT: 7.208 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

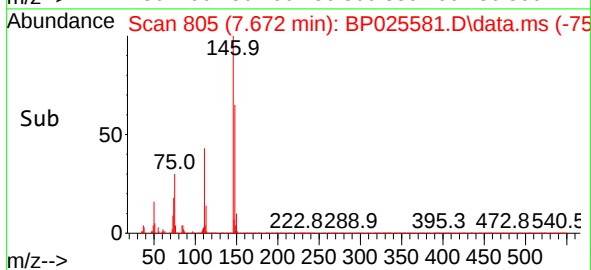
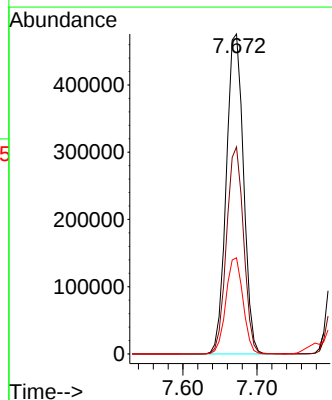
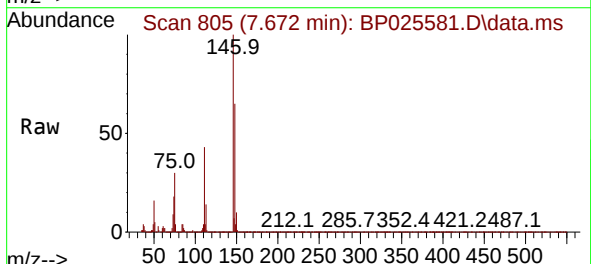
Instrument :
BNA_P
ClientSampleId :
PB169362BS

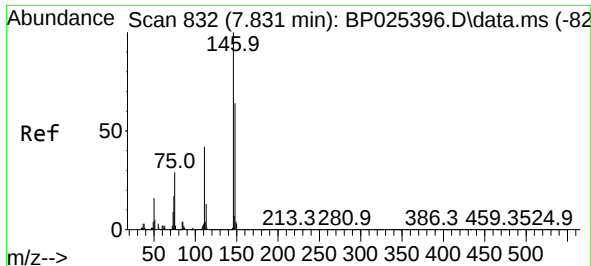
Tgt Ion: 93 Resp: 648453
Ion Ratio Lower Upper
93 100
63 73.1 52.6 92.6
95 33.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.973 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 146 Resp: 767314
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 30.0 23.7 35.5

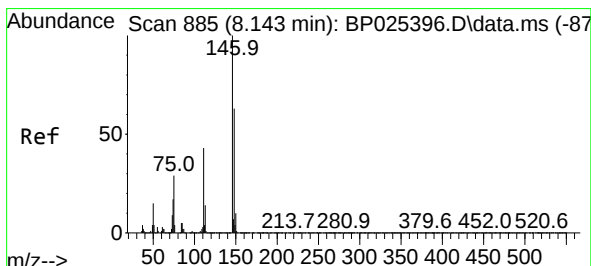
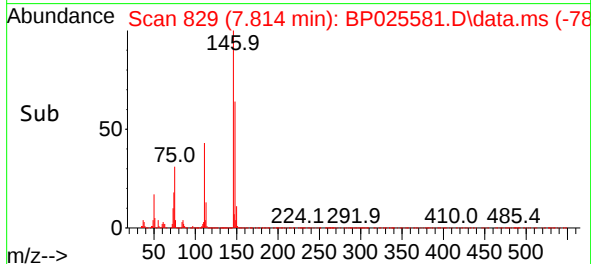
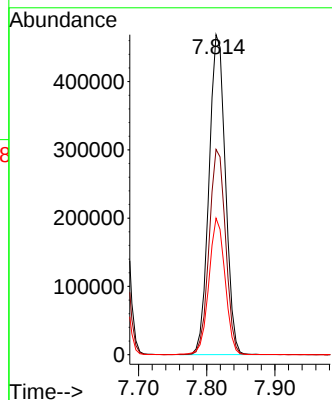
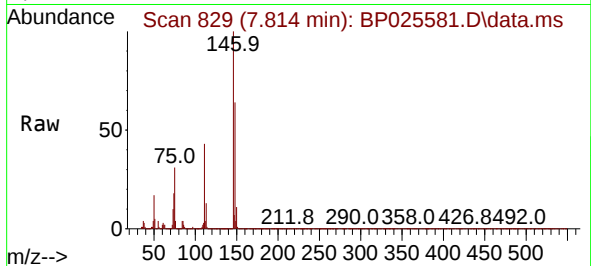




#13
1,4-Dichlorobenzene
Concen: 39.989 ng
RT: 7.814 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

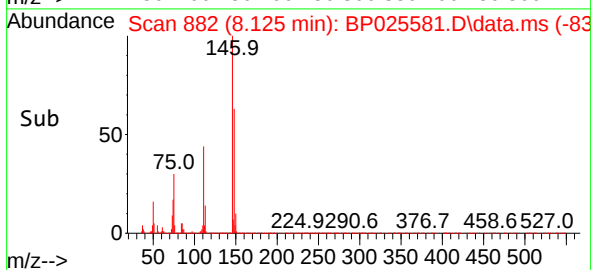
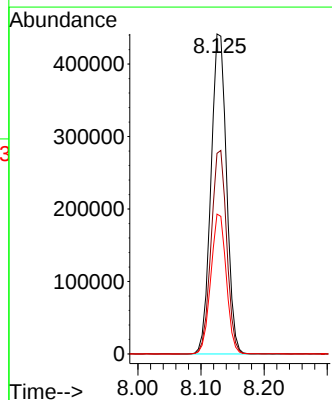
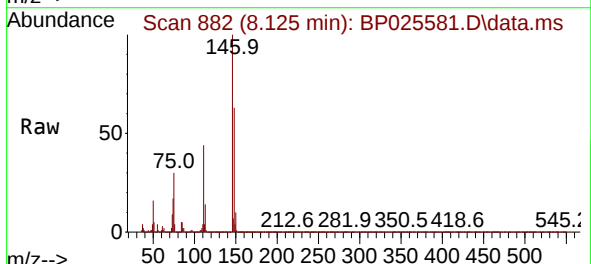
Instrument :
BNA_P
ClientSampleId :
PB169362BS

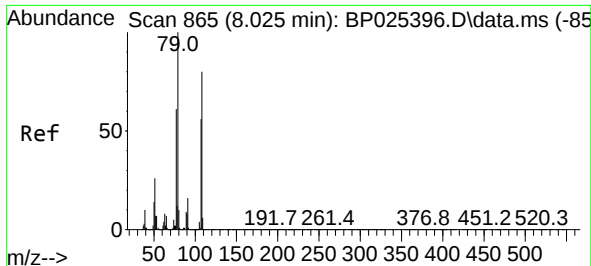
Tgt Ion:146 Resp: 784585
Ion Ratio Lower Upper
146 100
148 64.2 51.6 77.4
111 42.6 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 39.791 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.017 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:146 Resp: 755735
Ion Ratio Lower Upper
146 100
148 62.7 50.4 75.6
111 43.7 34.5 51.7

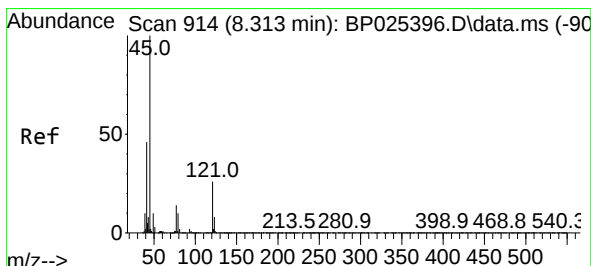
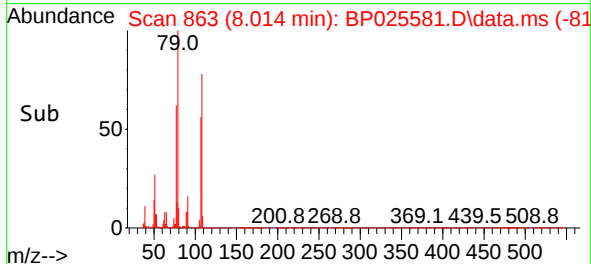
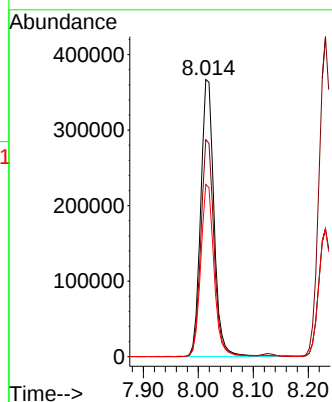
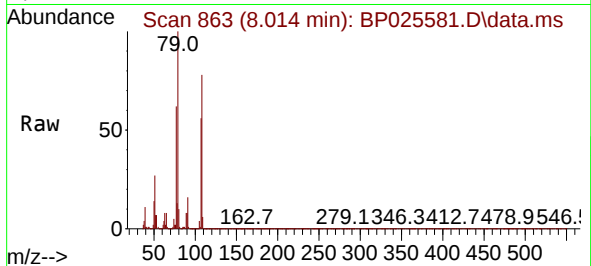




#15
Benzyl Alcohol
Concen: 39.290 ng
RT: 8.014 min Scan# 801
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

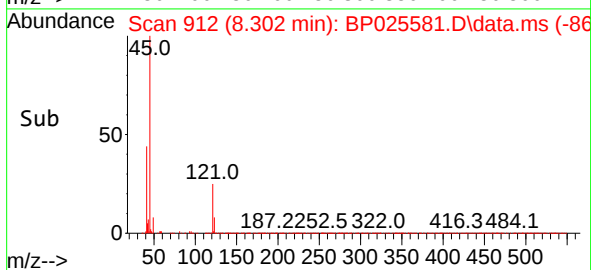
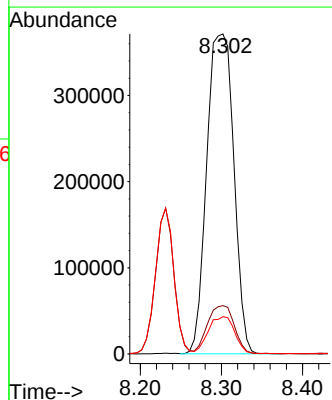
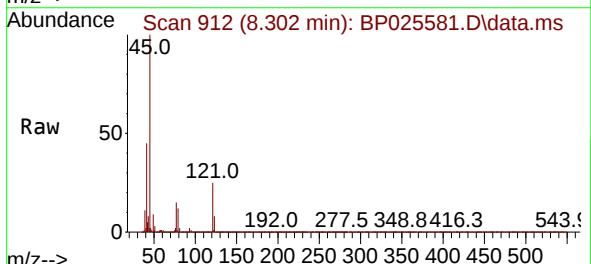
Instrument :
BNA_P
ClientSampleId :
PB169362BS

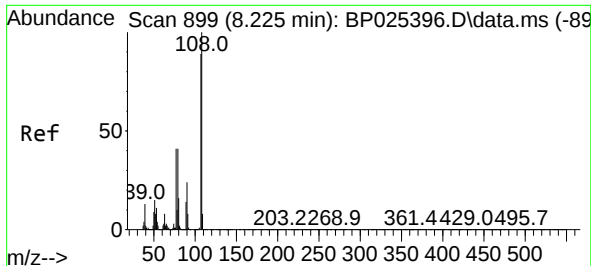
Tgt Ion: 79 Resp: 617462
Ion Ratio Lower Upper
79 100
108 78.3 63.8 95.6
77 62.2 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.703 ng
RT: 8.302 min Scan# 912
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

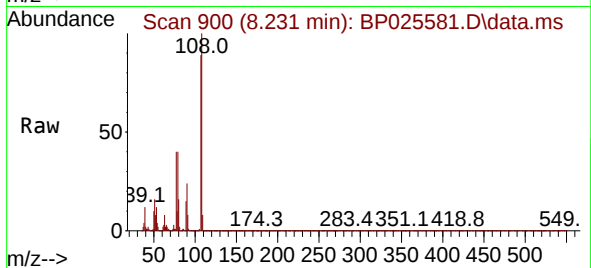
Tgt Ion: 45 Resp: 860354
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.3
79 11.6 0.0 31.8



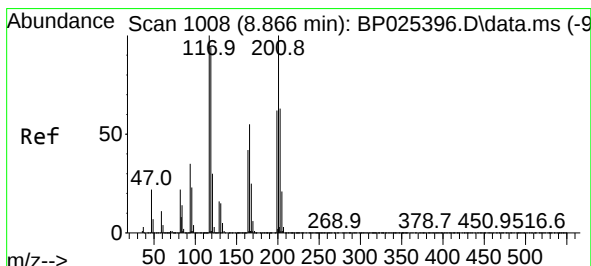
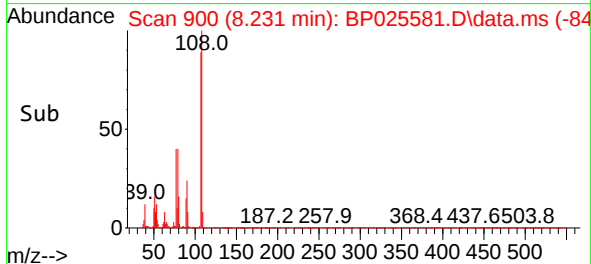
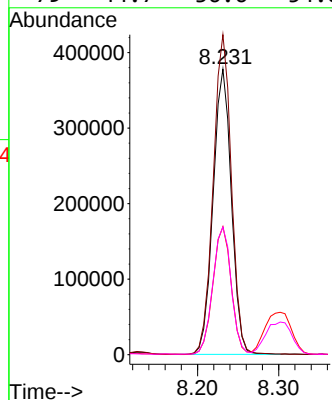


#17
2-Methylphenol
Concen: 41.006 ng
RT: 8.231 min Scan# 900
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

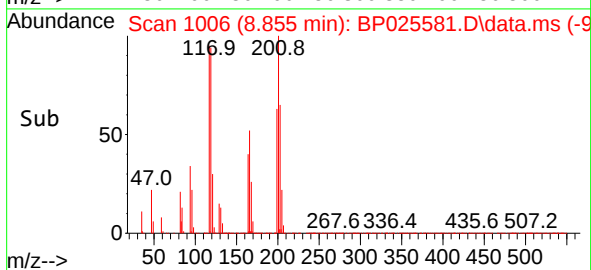
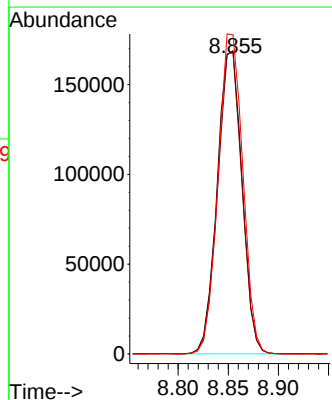
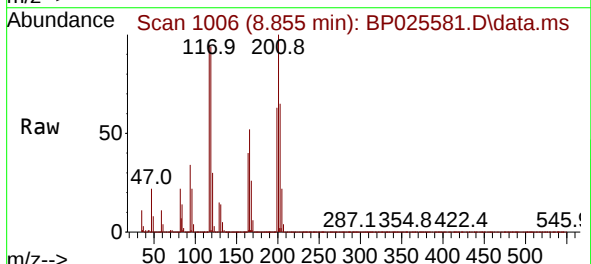


Tgt Ion:107 Resp: 591057
Ion Ratio Lower Upper
107 100
108 112.1 89.4 134.0
77 44.8 36.3 54.5
79 44.7 36.6 54.8



#18
Hexachloroethane
Concen: 40.340 ng
RT: 8.855 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:117 Resp: 291012
Ion Ratio Lower Upper
117 100
119 99.4 75.1 112.7
201 105.3 80.1 120.1

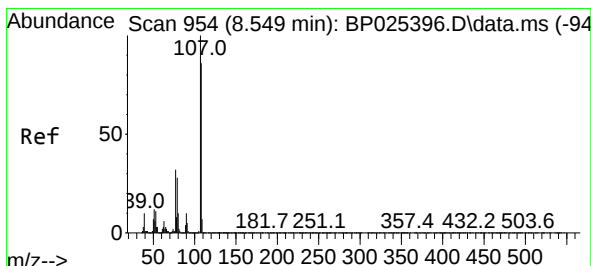
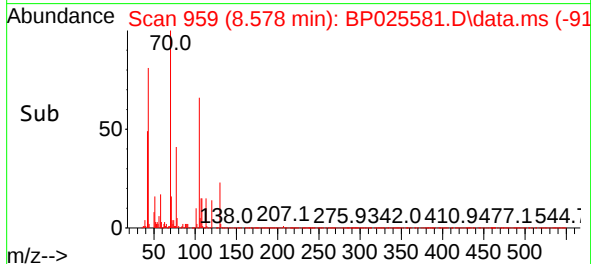
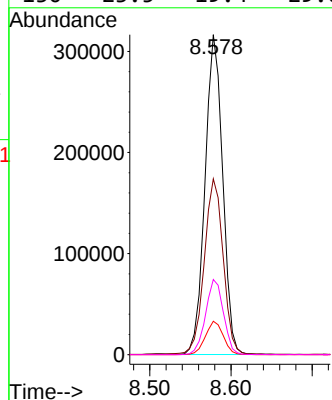
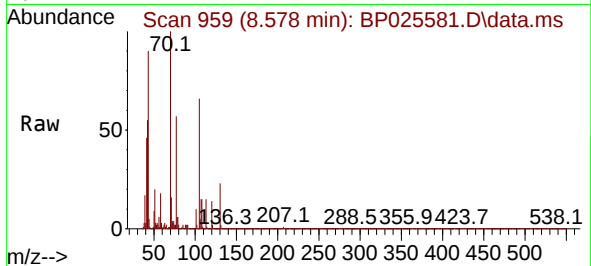




#19
n-Nitroso-di-n-propylamine
Concen: 36.451 ng
RT: 8.578 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

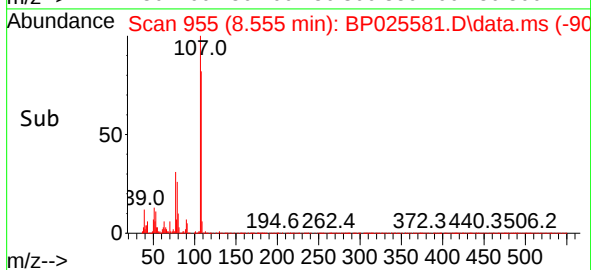
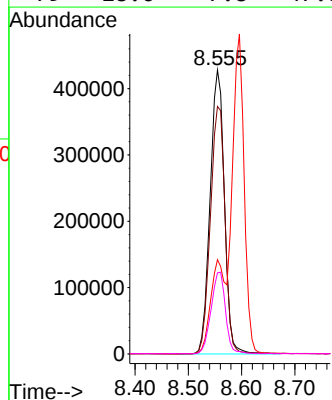
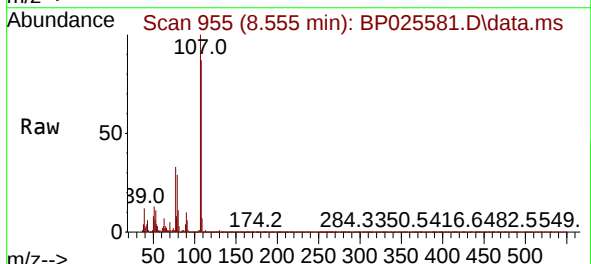
Instrument :
BNA_P
ClientSampleId :
PB169362BS

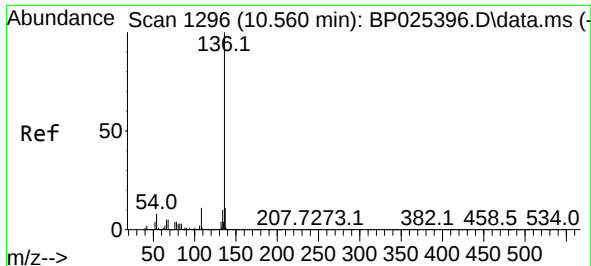
Tgt Ion: 70 Resp: 477539
Ion Ratio Lower Upper
70 100
42 54.9 43.8 65.6
101 10.4 8.5 12.7
130 23.5 19.4 29.0



#20
3+4-Methylphenols
Concen: 39.774 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 107 Resp: 794684
Ion Ratio Lower Upper
107 100
108 87.2 66.3 106.3
77 33.2 12.3 52.3
79 28.6 7.8 47.8



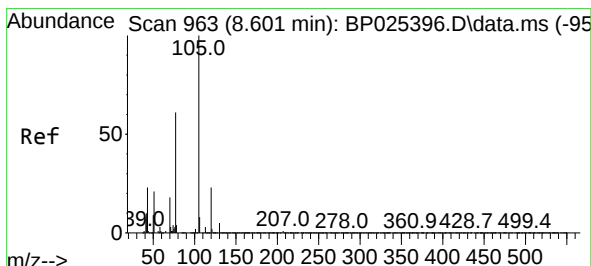
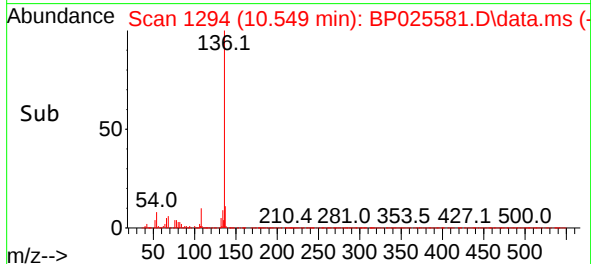
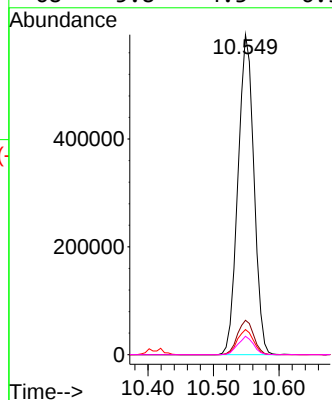
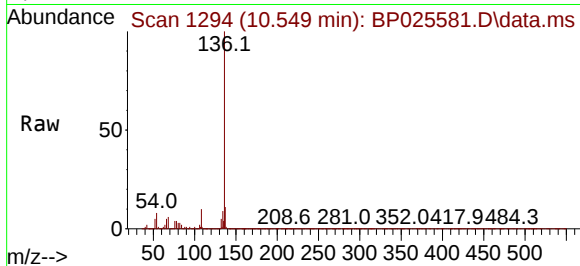


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:136 Resp: 1004578

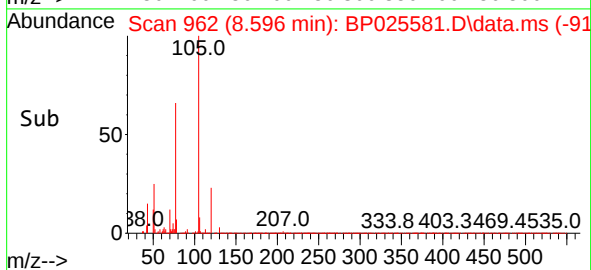
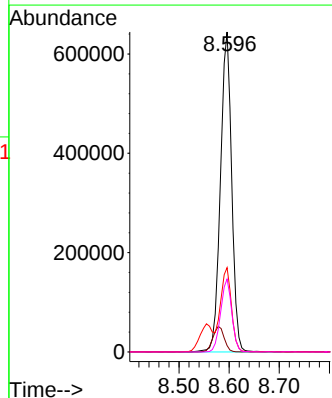
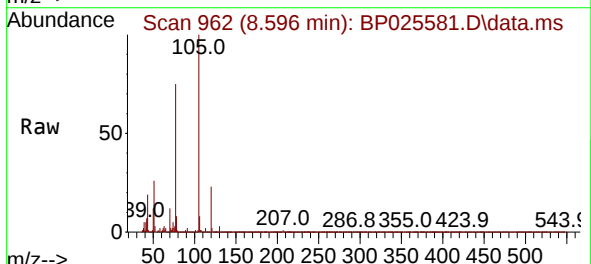
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.8	6.0	9.0
68	5.8	4.3	6.5

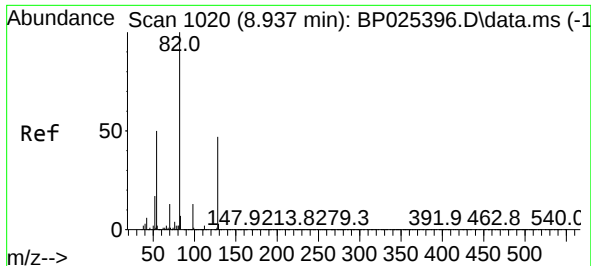


#22
Acetophenone
Concen: 39.810 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:105 Resp: 1002924

Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.6	4.0#
51	26.3	20.6	30.8
120	22.8	18.6	27.8

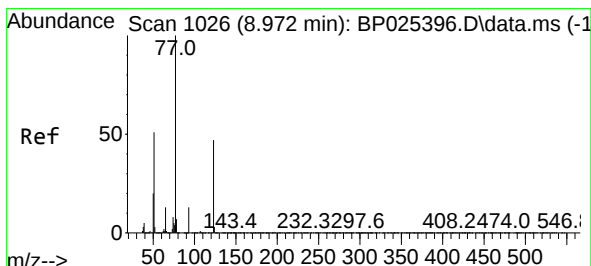
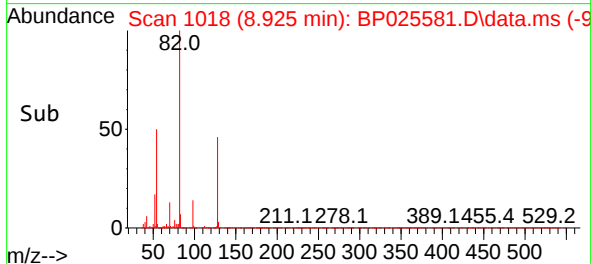
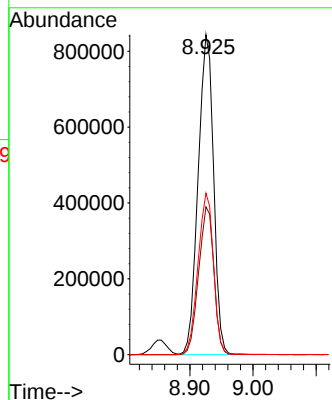
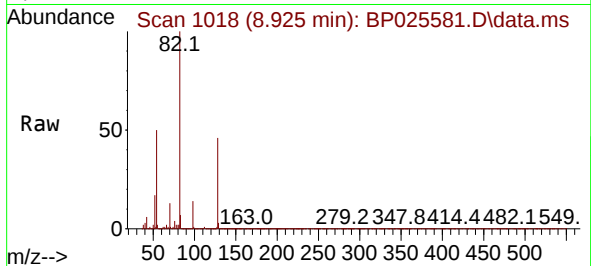




#23
Nitrobenzene-d5
Concen: 72.082 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

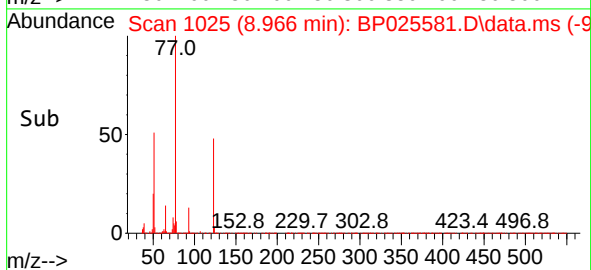
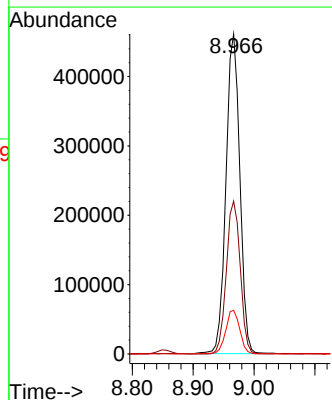
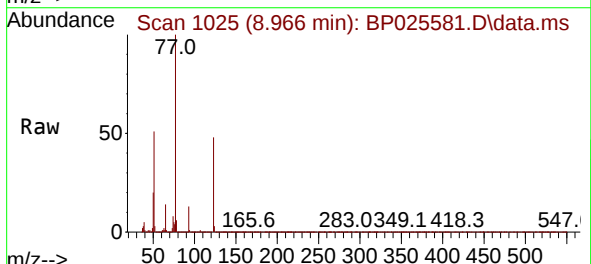
Instrument :
BNA_P
ClientSampleId :
PB169362BS

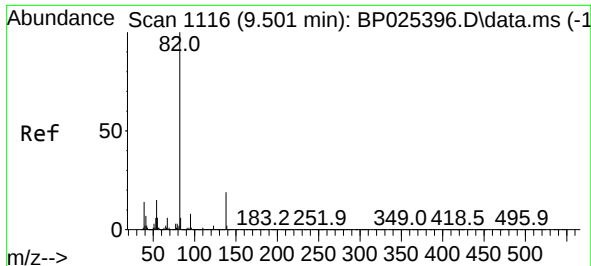
Tgt Ion: 82 Resp: 1431478
Ion Ratio Lower Upper
82 100
128 46.2 37.7 56.5
54 50.5 39.8 59.6



#24
Nitrobenzene
Concen: 41.133 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 77 Resp: 730033
Ion Ratio Lower Upper
77 100
123 47.8 38.6 58.0
65 13.7 10.6 15.8

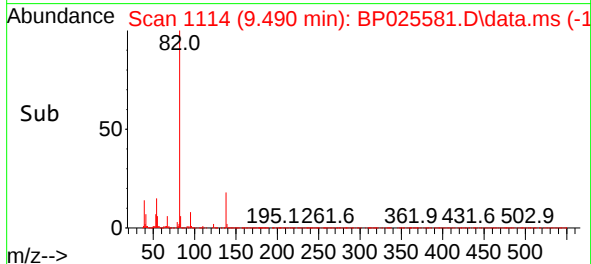
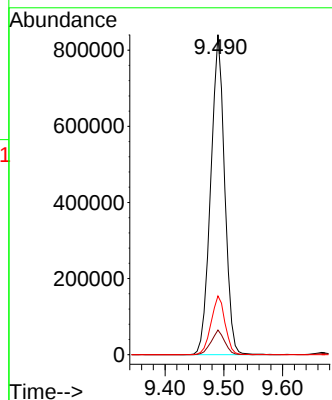
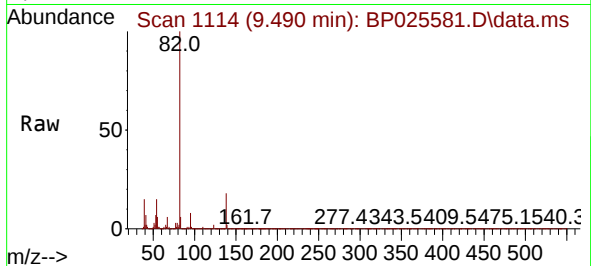




#25
Isophorone
Concen: 39.215 ng
RT: 9.490 min Scan# 1116
Delta R.T. -0.011 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

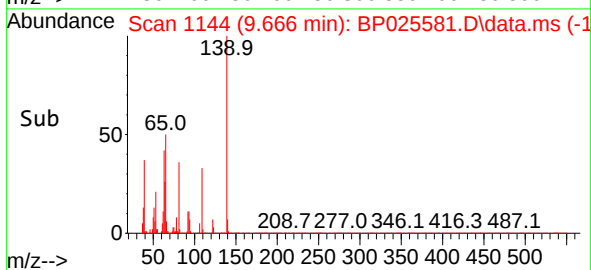
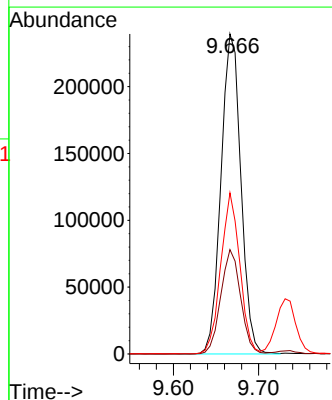
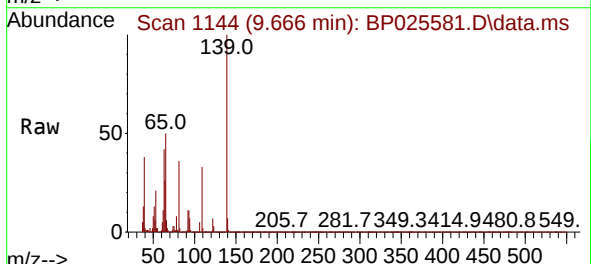
Instrument :
BNA_P
ClientSampleId :
PB169362BS

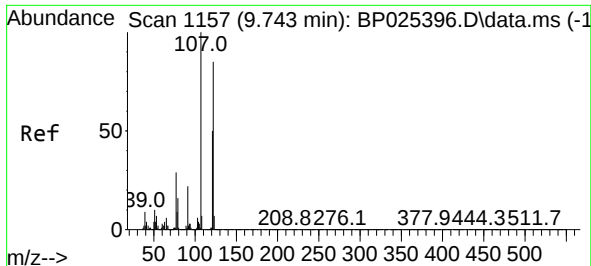
Tgt Ion: 82 Resp: 1378210
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.3 15.4 23.0



#26
2-Nitrophenol
Concen: 42.713 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:139 Resp: 389055
Ion Ratio Lower Upper
139 100
109 32.6 26.9 40.3
65 50.3 38.3 57.5

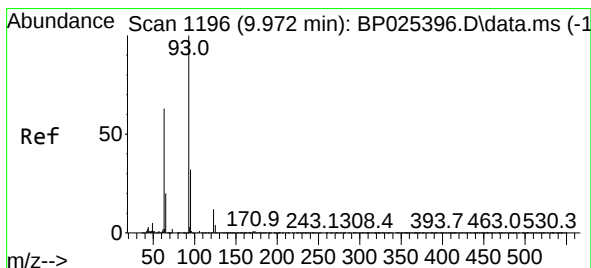
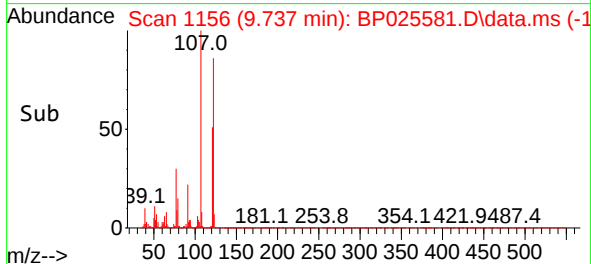
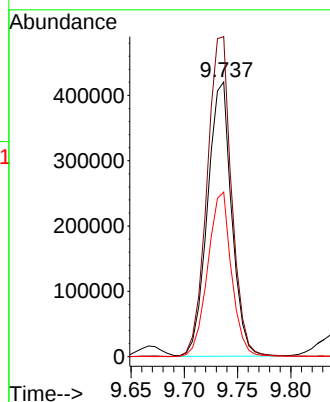
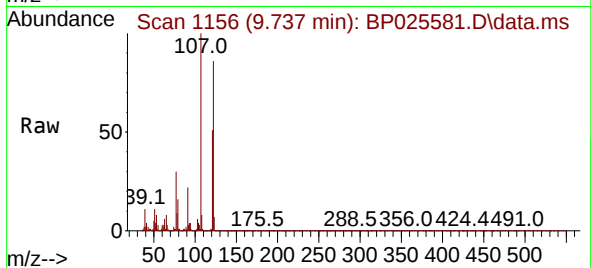




#27
2,4-Dimethylphenol
Concen: 42.307 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

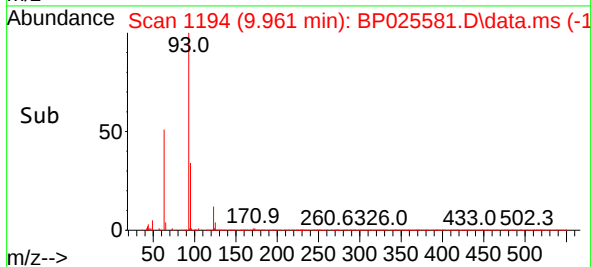
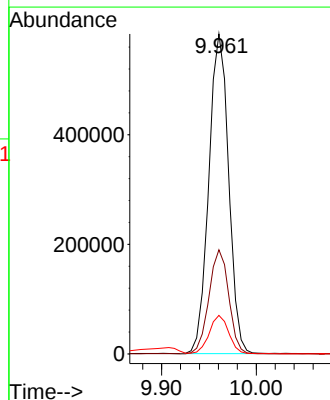
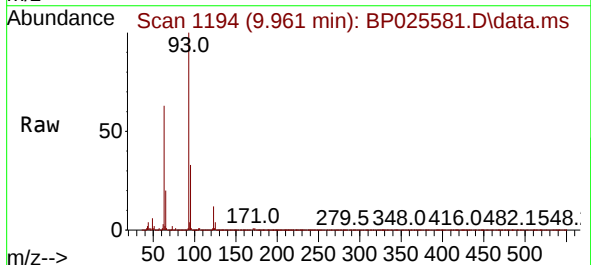
Instrument :
BNA_P
ClientSampleId :
PB169362BS

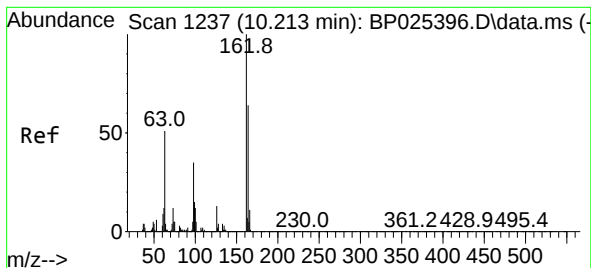
Tgt Ion:122 Resp: 662704
Ion Ratio Lower Upper
122 100
107 116.5 93.7 140.5
121 59.9 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.052 ng
RT: 9.961 min Scan# 1194
Delta R.T. -0.011 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 93 Resp: 850880
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.0
123 12.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.252 ng

RT: 10.208 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

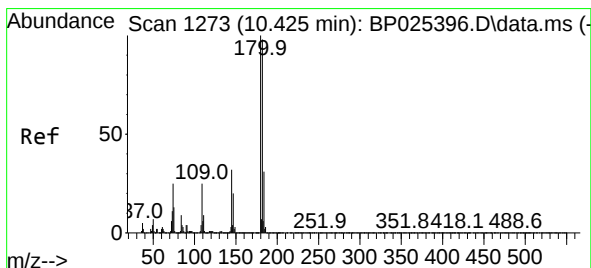
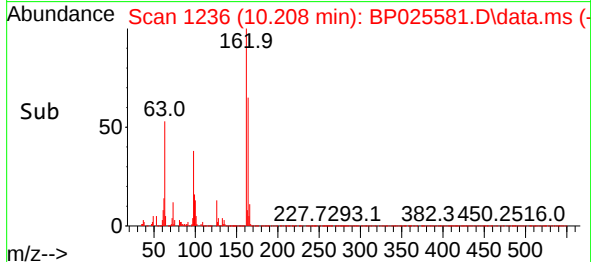
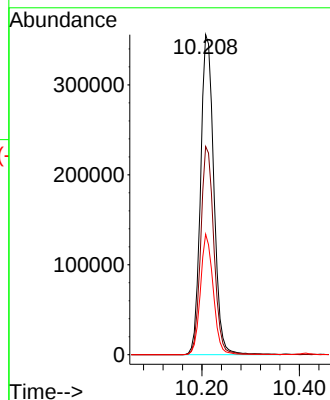
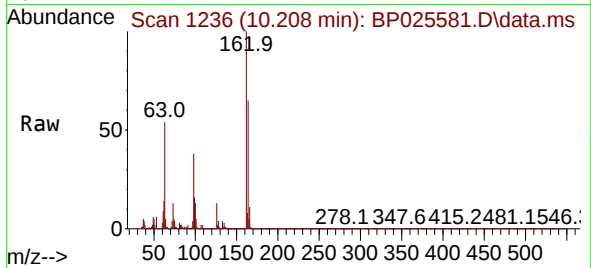
Tgt Ion:162 Resp: 673024

Ion Ratio Lower Upper

162 100

164 65.1 44.4 84.4

98 37.7 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 40.176 ng

RT: 10.413 min Scan# 1271

Delta R.T. -0.011 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

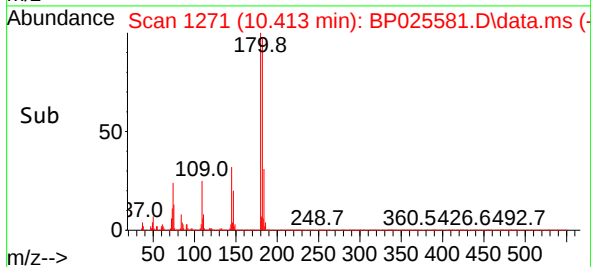
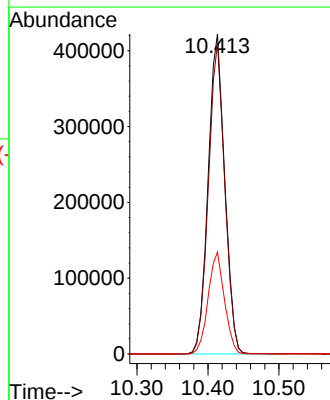
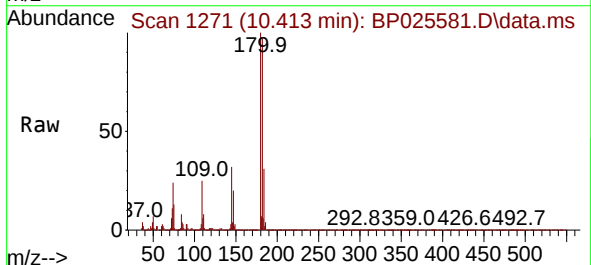
Tgt Ion:180 Resp: 685300

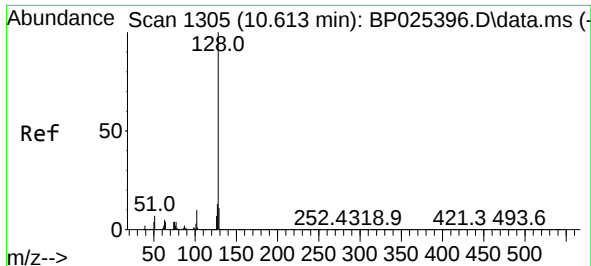
Ion Ratio Lower Upper

180 100

182 97.1 78.0 117.0

145 31.8 25.9 38.9

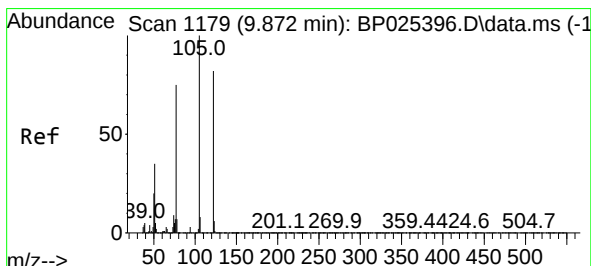
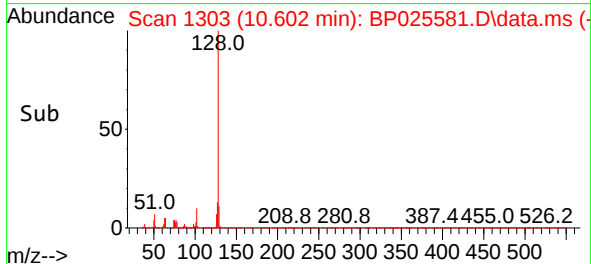
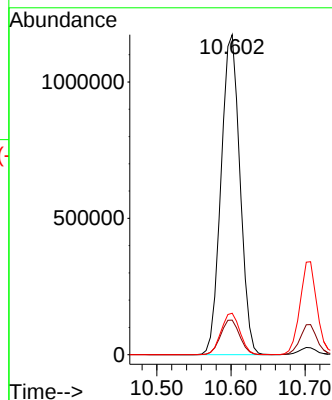
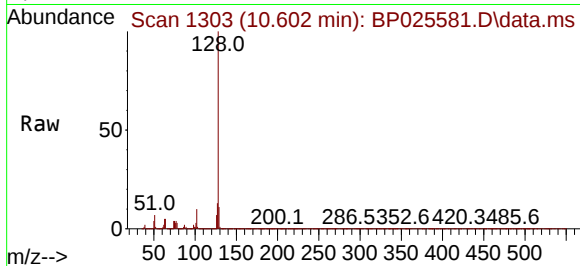




#31
Naphthalene
Concen: 39.749 ng
RT: 10.602 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

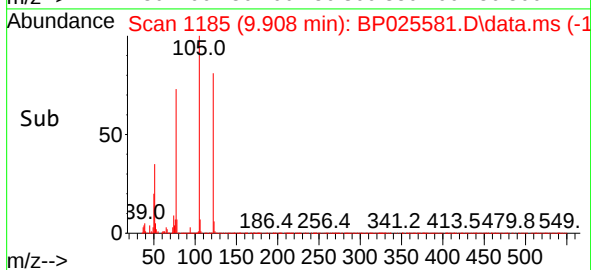
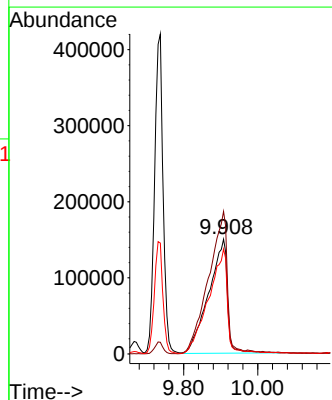
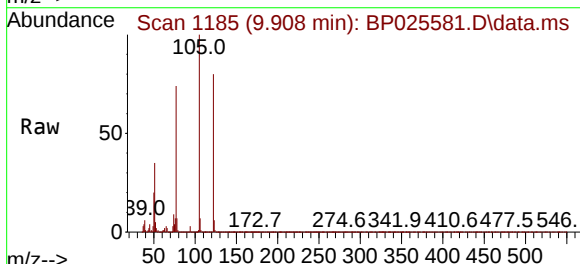
Instrument :
BNA_P
ClientSampleId :
PB169362BS

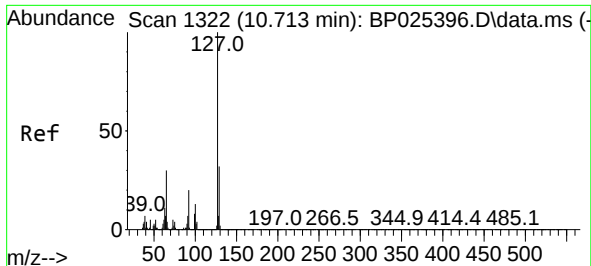
Tgt Ion:128 Resp: 2075445
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.7 16.1



#32
Benzoic acid
Concen: 45.380 ng
RT: 9.908 min Scan# 1185
Delta R.T. 0.036 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:122 Resp: 524790
Ion Ratio Lower Upper
122 100
105 124.3 100.6 140.6
77 91.5 71.5 111.5

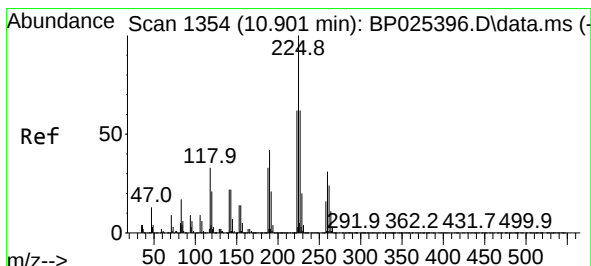
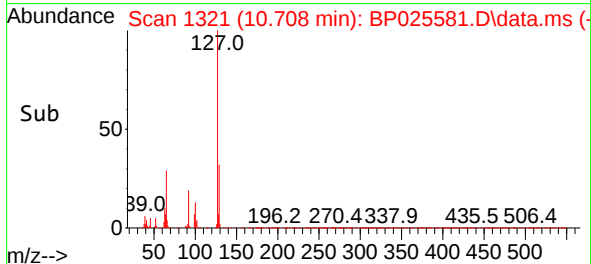
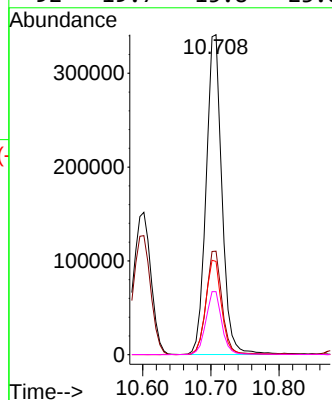
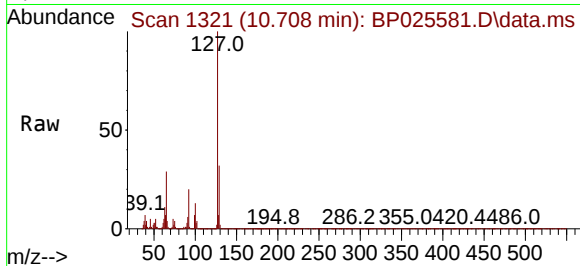




#33
4-Chloroaniline
Concen: 23.916 ng
RT: 10.708 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

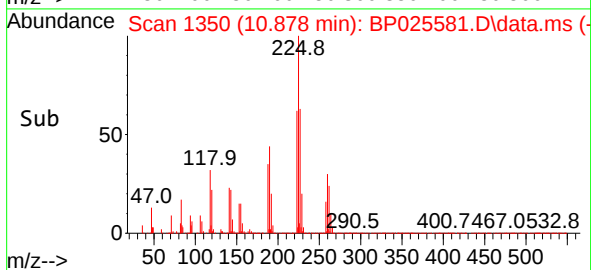
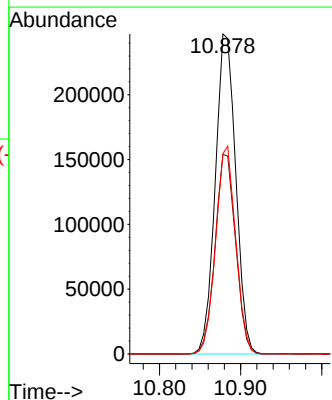
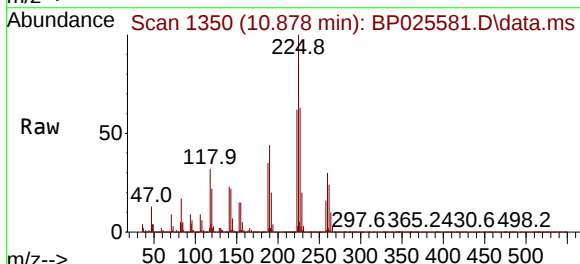
Instrument :
BNA_P
ClientSampleId :
PB169362BS

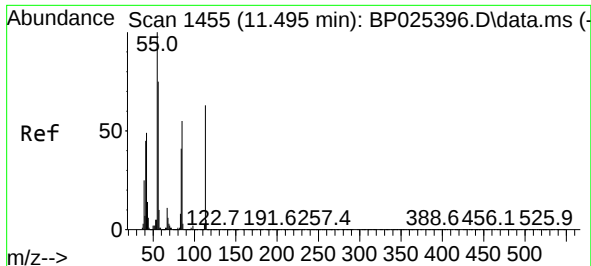
Tgt Ion:	127	Resp:	551600
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.2
65	29.2	23.8	35.6
92	19.7	15.8	23.8



#34
Hexachlorobutadiene
Concen: 40.781 ng
RT: 10.878 min Scan# 1350
Delta R.T. -0.023 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:	225	Resp:	433221
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.0	75.0
227	62.6	49.7	74.5

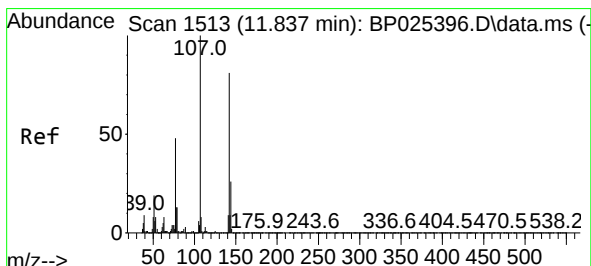
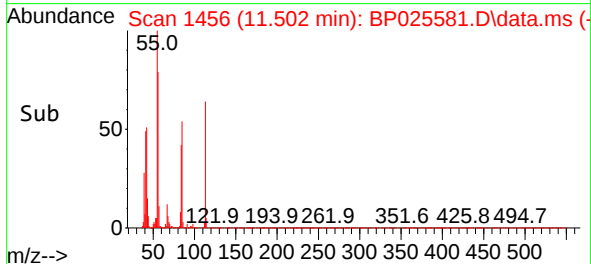
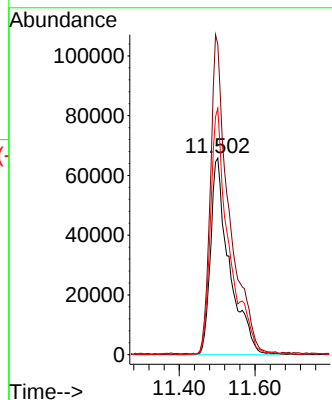
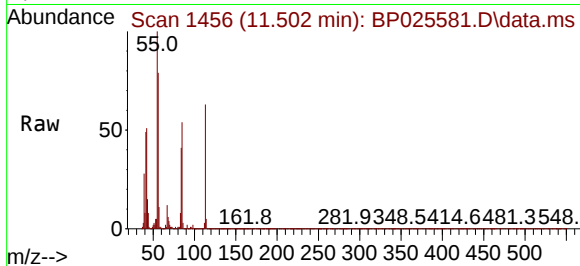




#35
Caprolactam
Concen: 39.576 ng
RT: 11.502 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

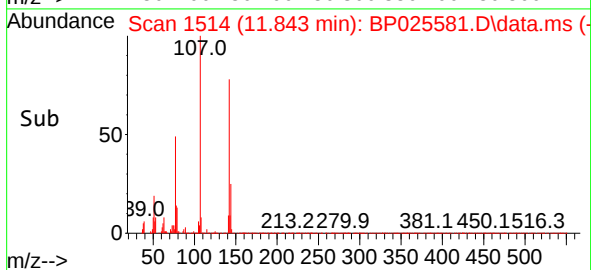
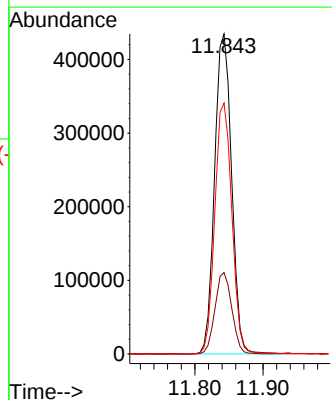
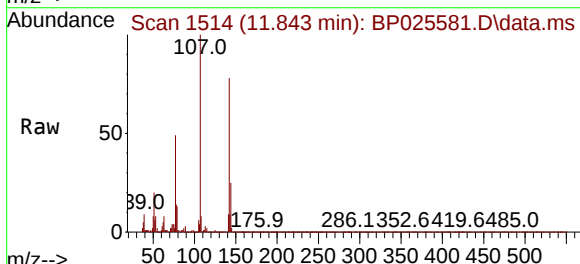
Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:113 Resp: 225808
Ion Ratio Lower Upper
113 100
55 157.8 140.0 180.0
56 125.2 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 42.289 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:107 Resp: 755078
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 78.4 64.6 97.0

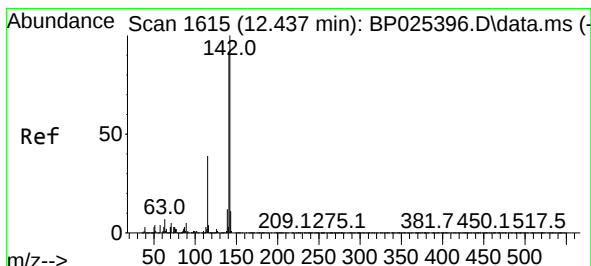
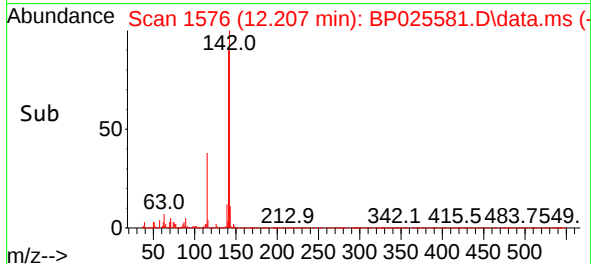
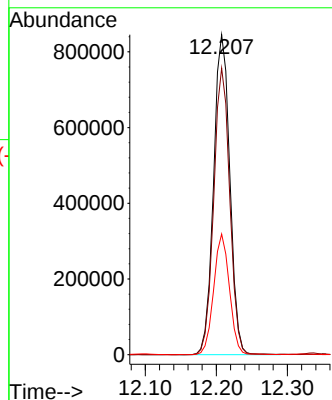
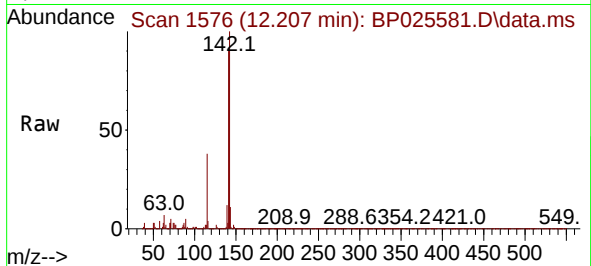




#37
2-Methylnaphthalene
Concen: 39.416 ng
RT: 12.207 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

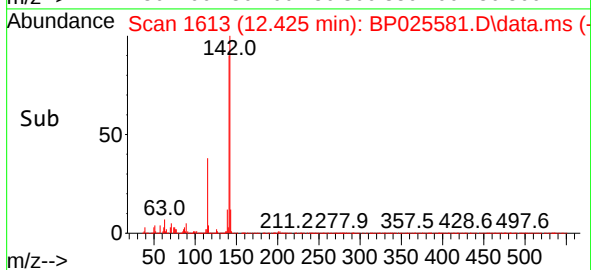
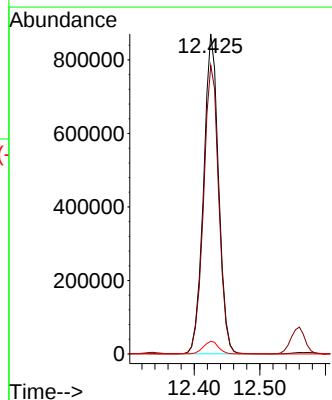
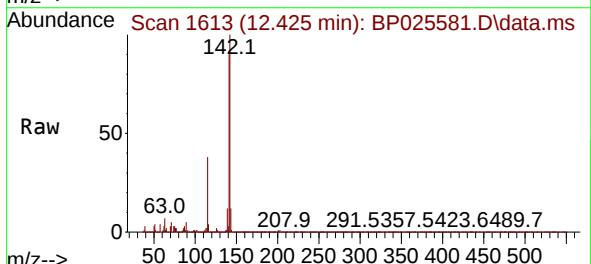
Instrument :
BNA_P
ClientSampleId :
PB169362BS

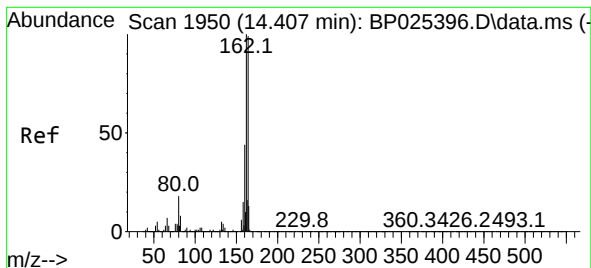
Tgt Ion:142 Resp: 1339301
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5
115 37.7 28.9 43.3



#38
1-Methylnaphthalene
Concen: 38.233 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:142 Resp: 1381572
Ion Ratio Lower Upper
142 100
141 90.2 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

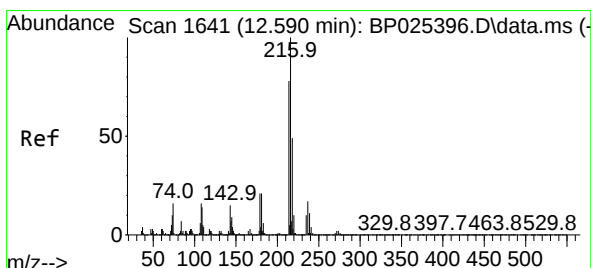
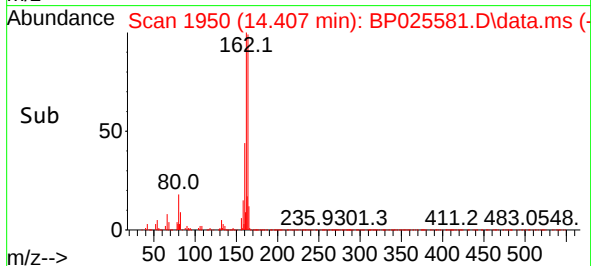
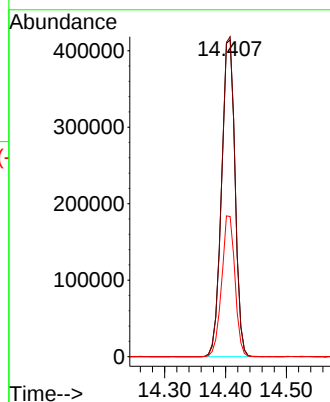
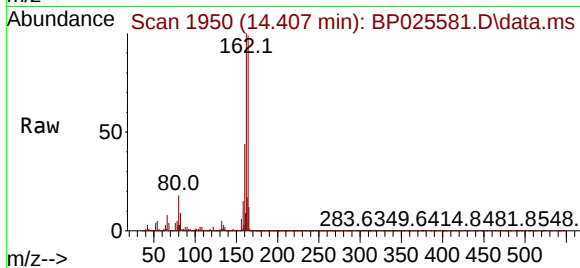
Tgt Ion:164 Resp: 636349

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.6

160 44.2 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.964 ng

RT: 12.578 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Tgt Ion:216 Resp: 771235

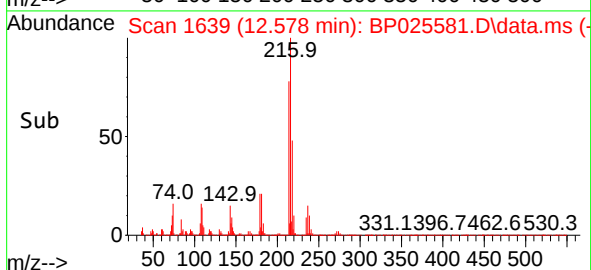
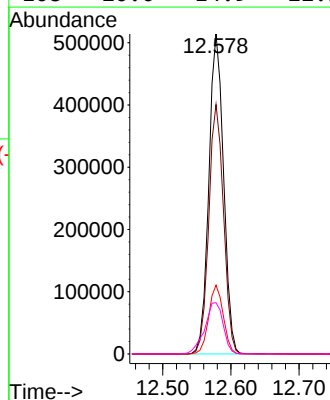
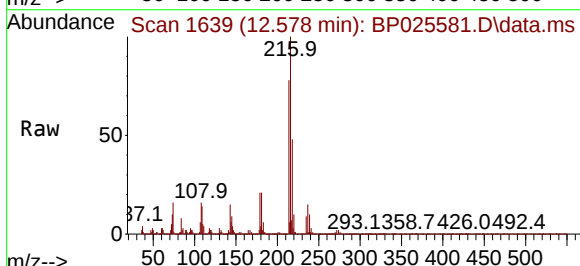
Ion Ratio Lower Upper

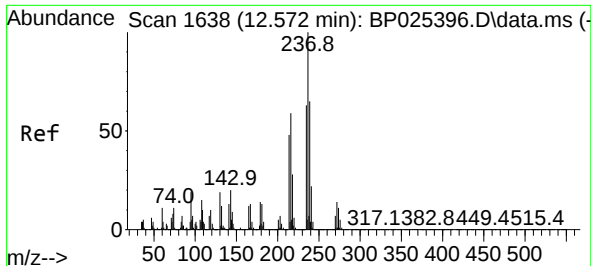
216 100

214 78.2 63.0 94.4

179 21.3 17.1 25.7

108 20.0 14.9 22.3

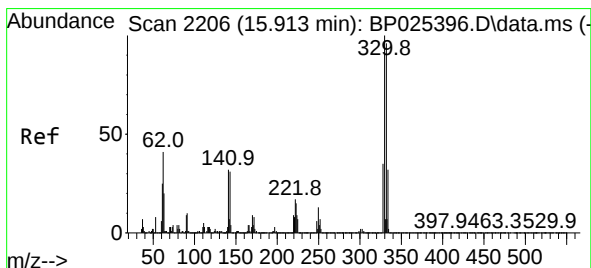
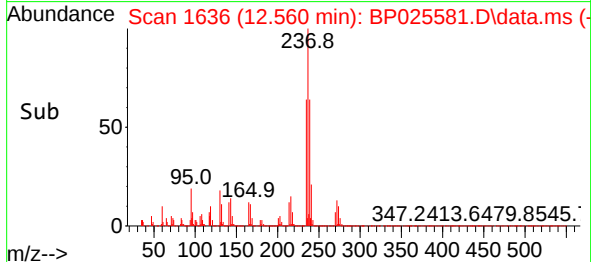
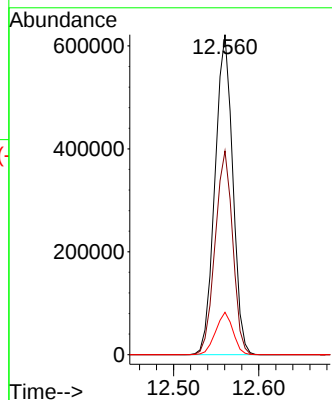
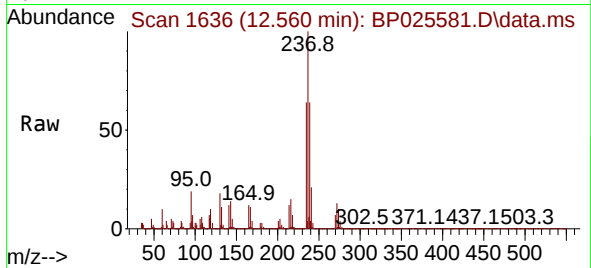




#41
Hexachlorocyclopentadiene
Concen: 81.039 ng
RT: 12.560 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

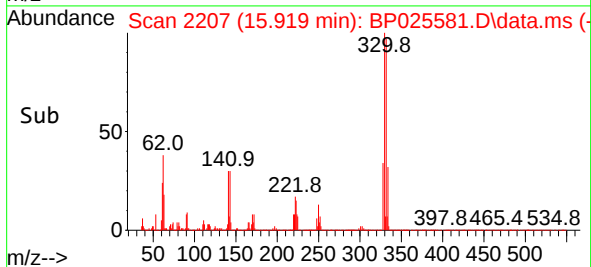
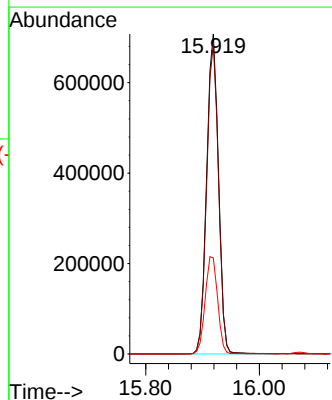
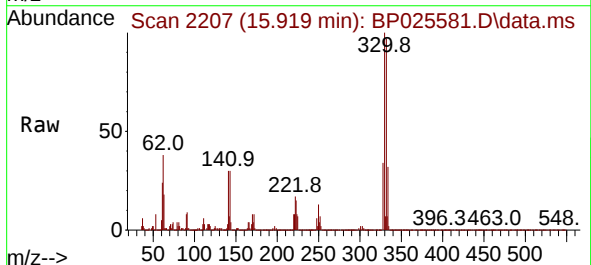
Instrument :
BNA_P
ClientSampleId :
PB169362BS

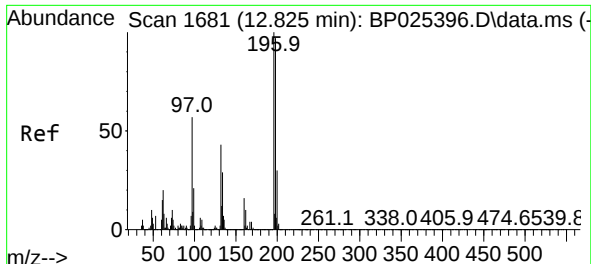
Tgt Ion:237 Resp: 899638
Ion Ratio Lower Upper
237 100
235 63.7 42.7 82.7
272 13.3 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 119.305 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:330 Resp: 1021885
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 32.0 26.6 39.8

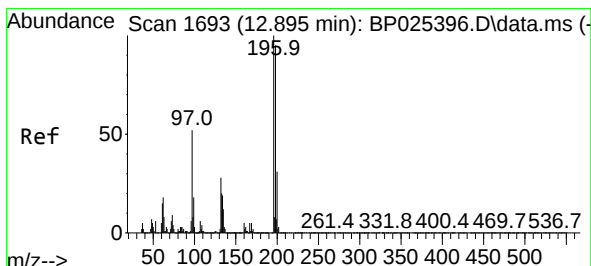
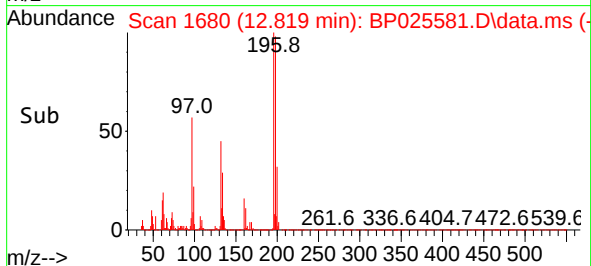
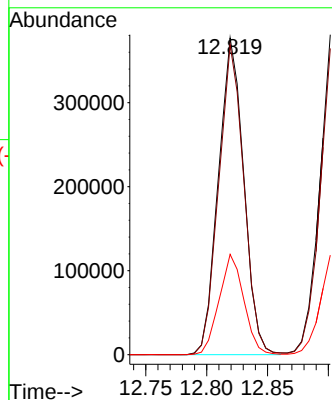
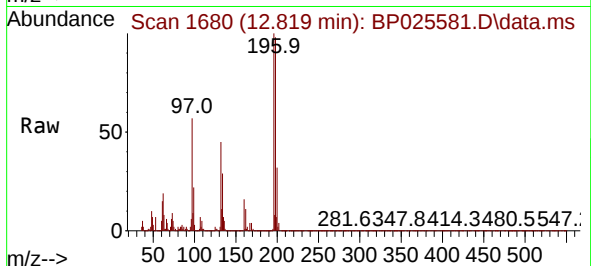




#43
2,4,6-Trichlorophenol
Concen: 44.058 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

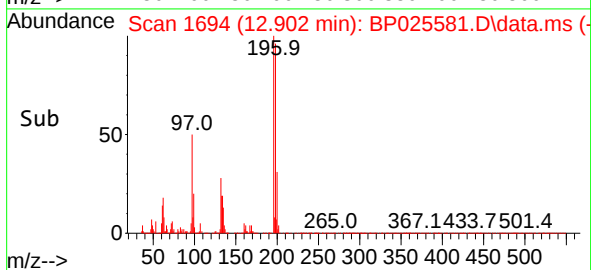
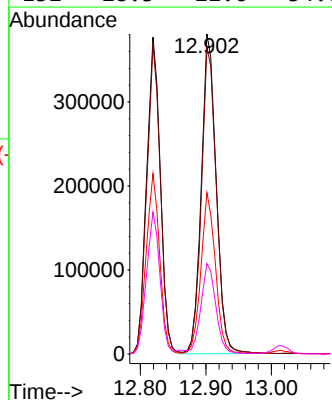
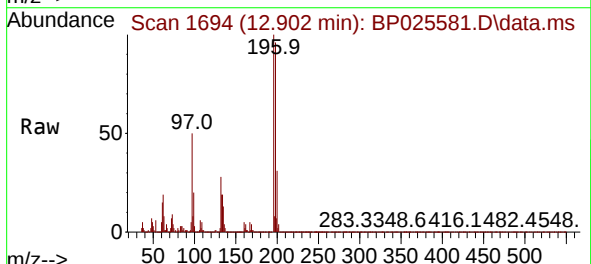
Instrument :
BNA_P
ClientSampleId :
PB169362BS

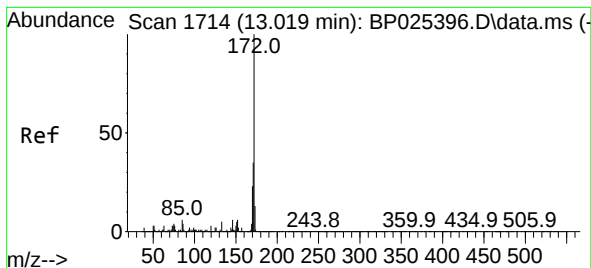
Tgt Ion:196 Resp: 546655
Ion Ratio Lower Upper
196 100
198 97.9 77.2 115.8
200 31.7 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 44.621 ng
RT: 12.902 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:196 Resp: 606774
Ion Ratio Lower Upper
196 100
198 95.7 76.2 114.2
97 50.4 41.2 61.8
132 28.3 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 70.859 ng

RT: 13.013 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

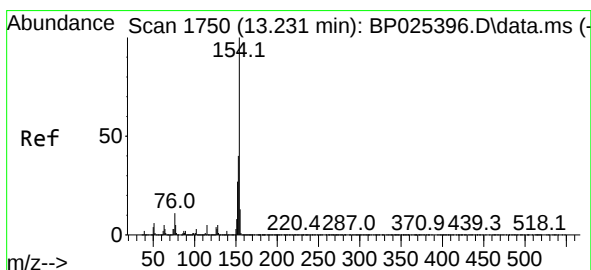
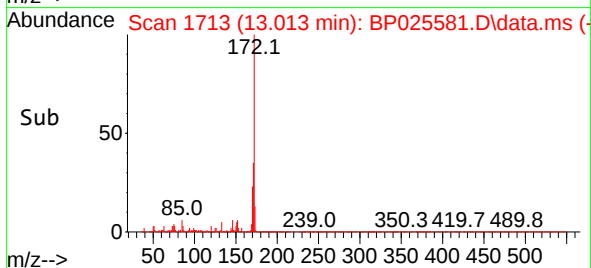
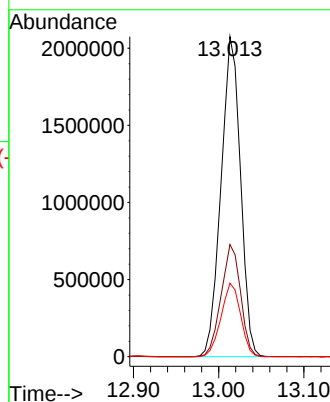
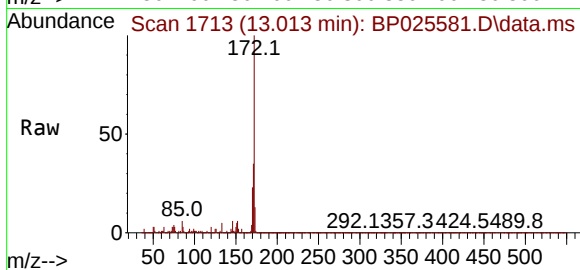
Tgt Ion:172 Resp: 3299304

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 22.9 18.6 28.0



#46

1,1'-Biphenyl

Concen: 41.797 ng

RT: 13.219 min Scan# 1748

Delta R.T. -0.011 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

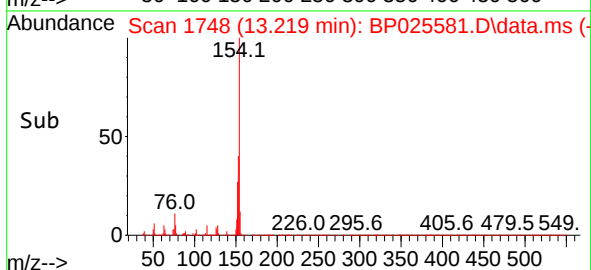
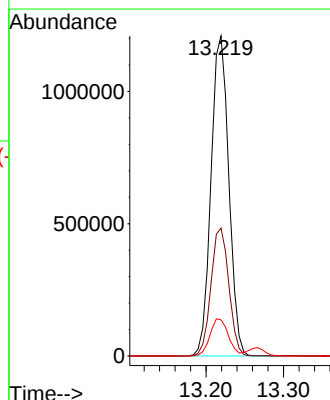
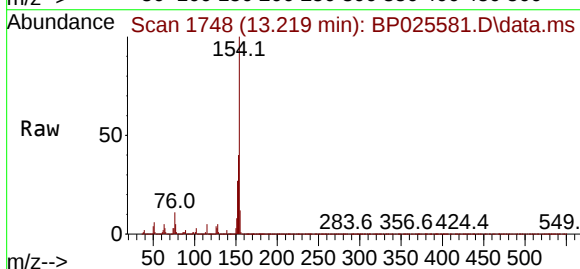
Tgt Ion:154 Resp: 1931665

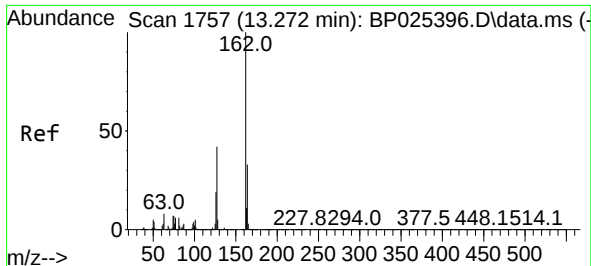
Ion Ratio Lower Upper

154 100

153 40.0 19.5 59.5

76 11.3 0.0 31.1





#47

2-Chloronaphthalene

Concen: 40.921 ng

RT: 13.266 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

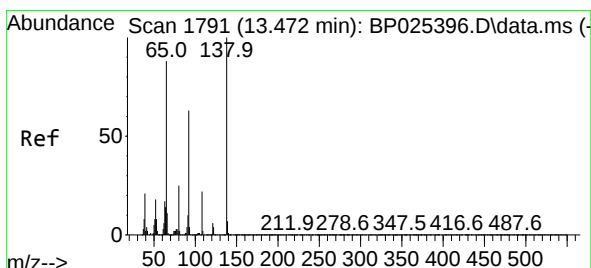
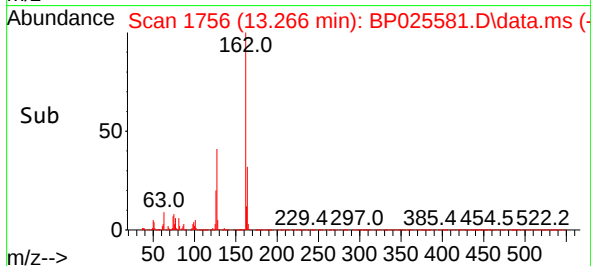
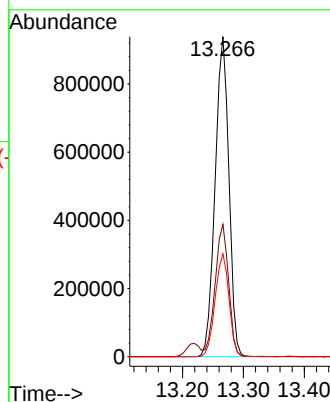
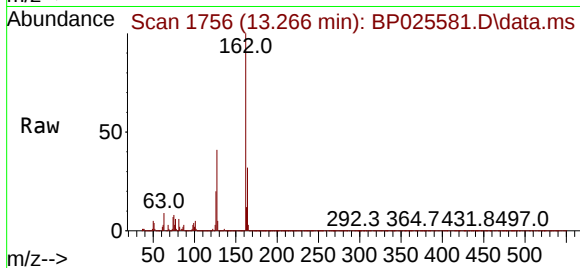
Tgt Ion:162 Resp: 1472263

Ion Ratio Lower Upper

162 100

127 41.3 33.4 50.2

164 32.2 26.2 39.2



#48

2-Nitroaniline

Concen: 43.979 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

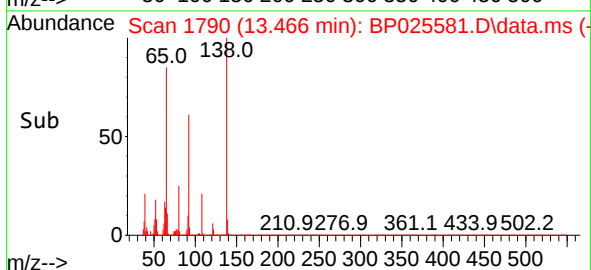
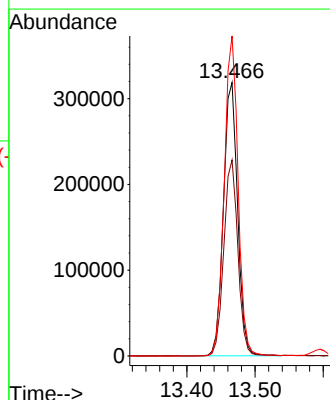
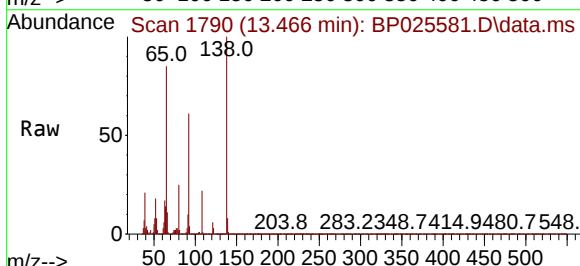
Tgt Ion: 65 Resp: 461040

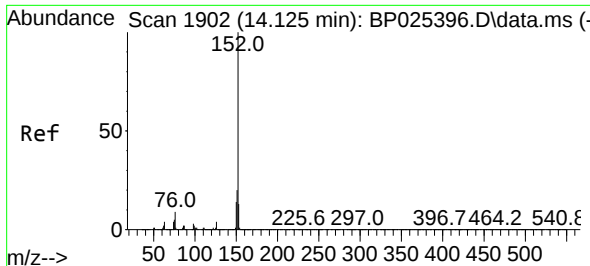
Ion Ratio Lower Upper

65 100

92 71.7 57.6 86.4

138 117.0 91.0 136.6

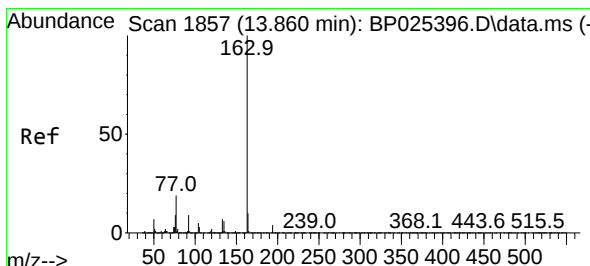
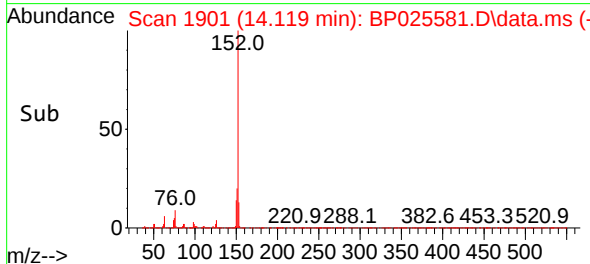
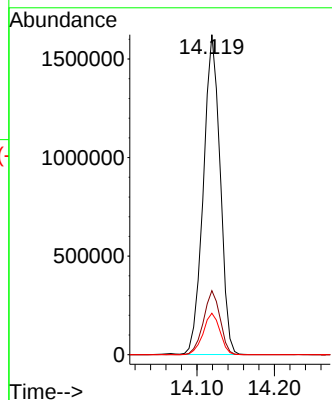
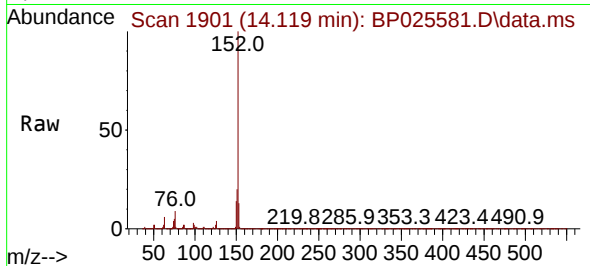




#49
Acenaphthylene
Concen: 40.912 ng
RT: 14.119 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

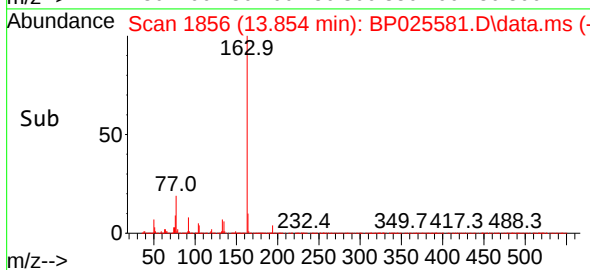
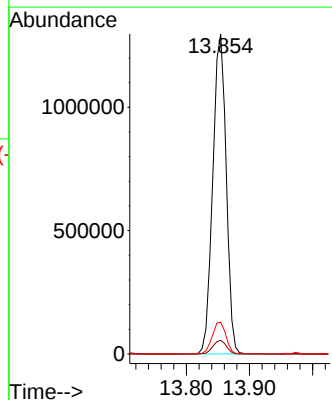
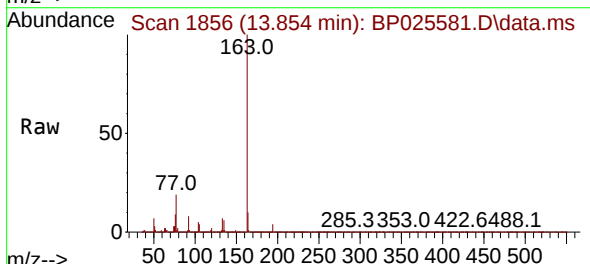
Instrument :
BNA_P
ClientSampleId :
PB169362BS

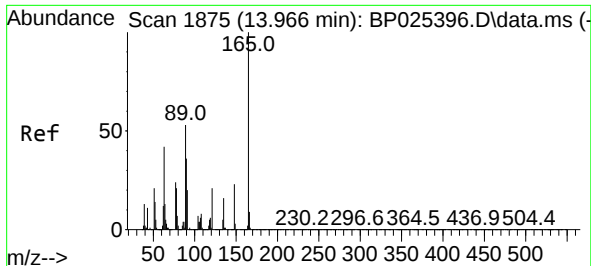
Tgt Ion:152 Resp: 2435658
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 41.016 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:163 Resp: 1911307
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.9 7.9 11.9

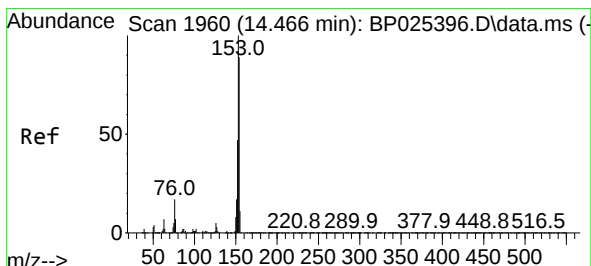
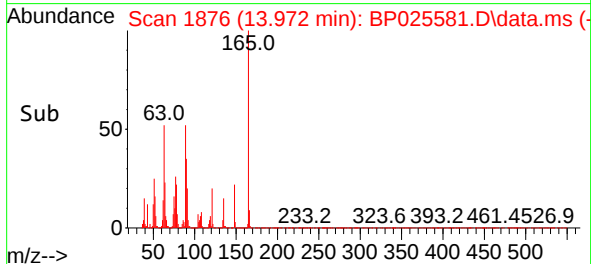
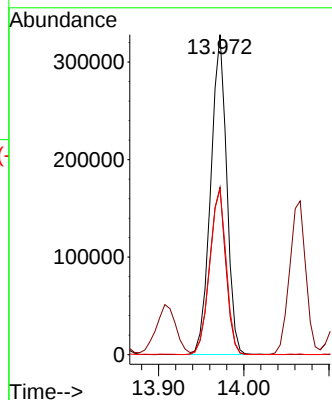
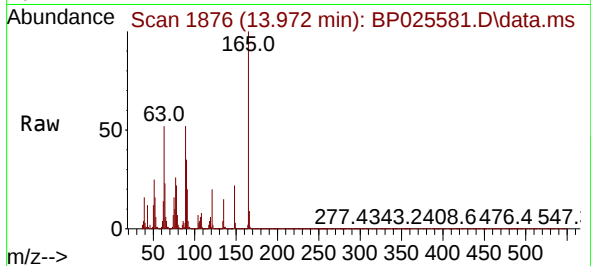




#51
2,6-Dinitrotoluene
Concen: 43.402 ng
RT: 13.972 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

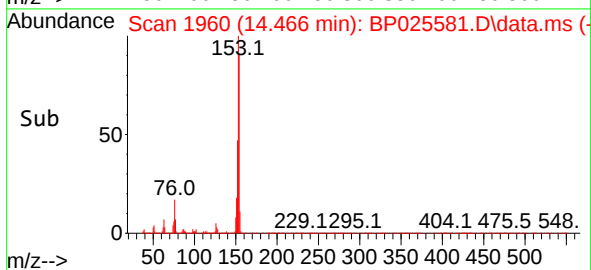
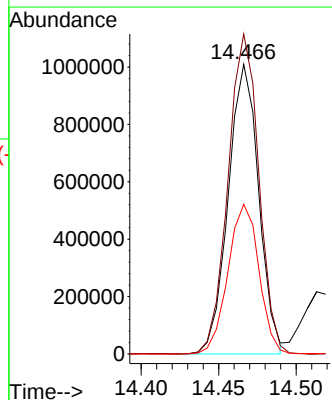
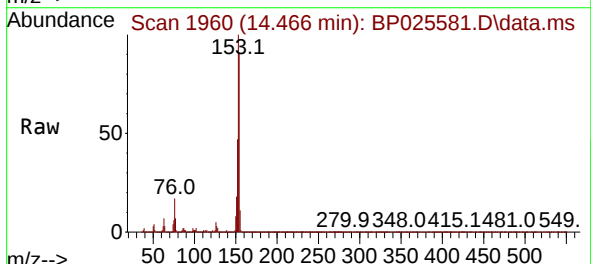
Instrument :
BNA_P
ClientSampleId :
PB169362BS

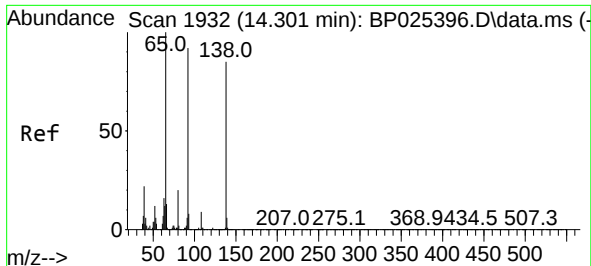
Tgt Ion:165 Resp: 426287
Ion Ratio Lower Upper
165 100
63 52.3 40.9 61.3
89 51.7 42.1 63.1



#52
Acenaphthene
Concen: 39.505 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:154 Resp: 1380494
Ion Ratio Lower Upper
154 100
153 110.4 90.2 135.2
152 51.7 42.1 63.1

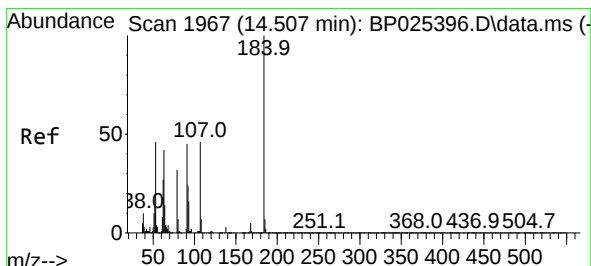
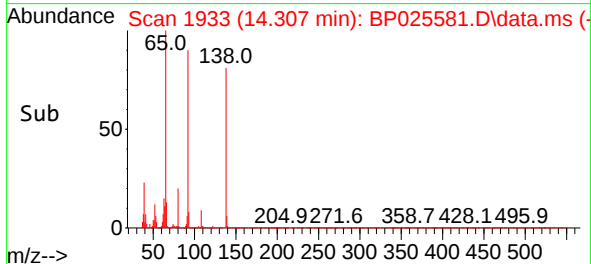
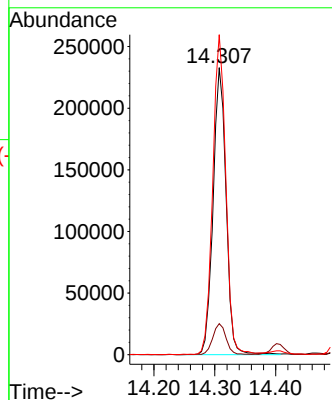
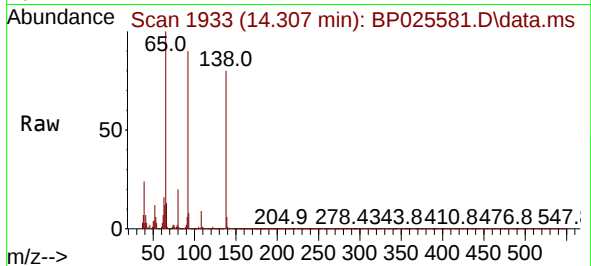




#53
3-Nitroaniline
Concen: 31.221 ng
RT: 14.307 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

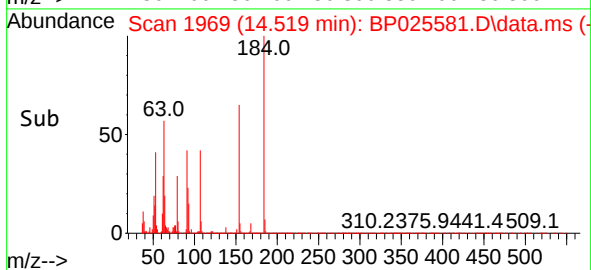
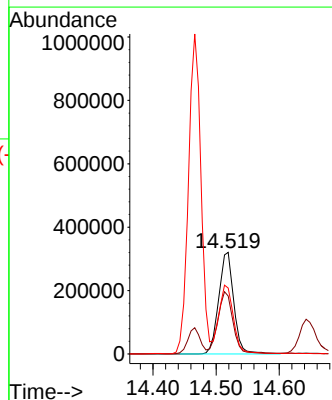
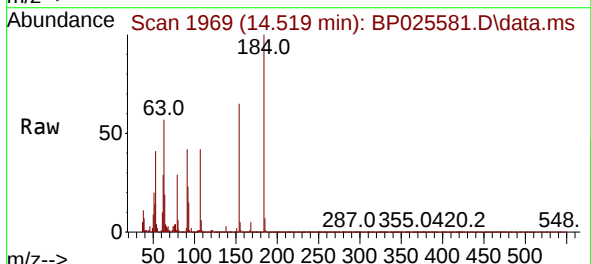
Instrument :
BNA_P
ClientSampleId :
PB169362BS

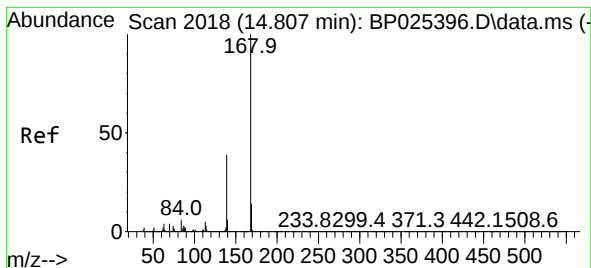
Tgt Ion:138 Resp: 345007
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 111.5 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 101.778 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:184 Resp: 533837
Ion Ratio Lower Upper
184 100
63 56.9 49.4 74.2
154 64.9 54.6 82.0





#55

Dibenzofuran

Concen: 40.227 ng

RT: 14.801 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

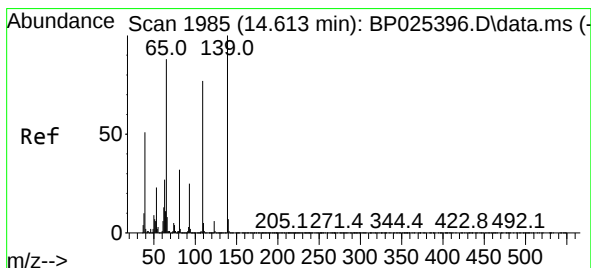
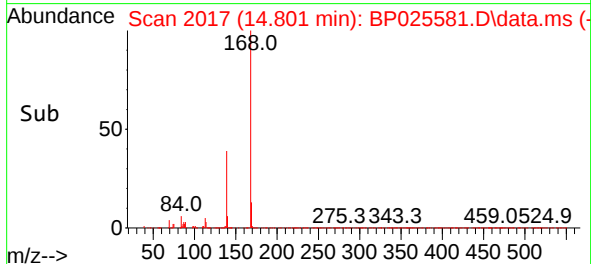
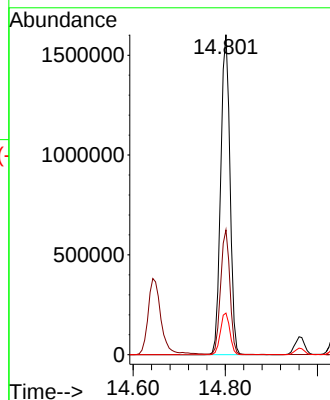
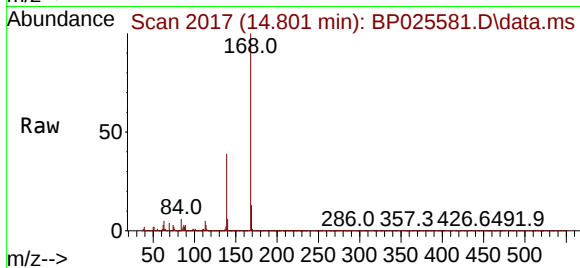
Tgt Ion:168 Resp: 2222480

Ion Ratio Lower Upper

168 100

139 39.0 31.5 47.3

169 13.0 10.9 16.3



#56

4-Nitrophenol

Concen: 82.098 ng

RT: 14.643 min Scan# 1990

Delta R.T. 0.030 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

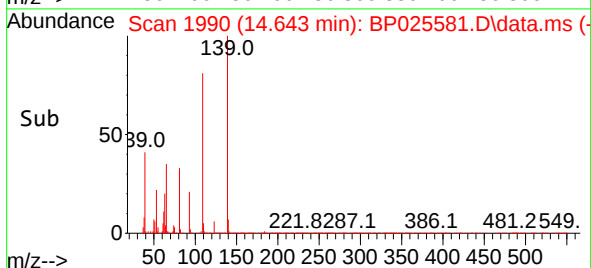
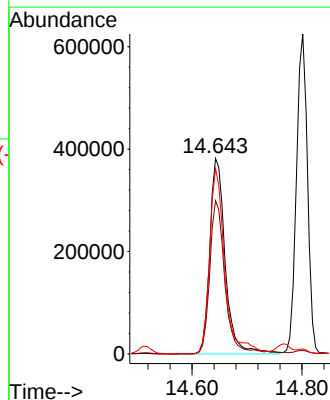
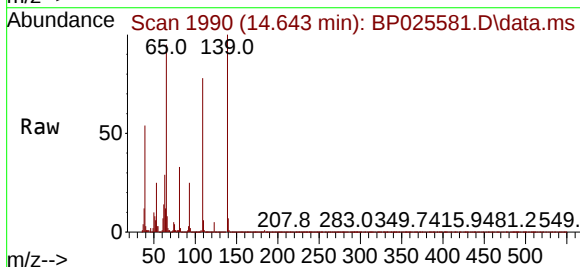
Tgt Ion:139 Resp: 745489

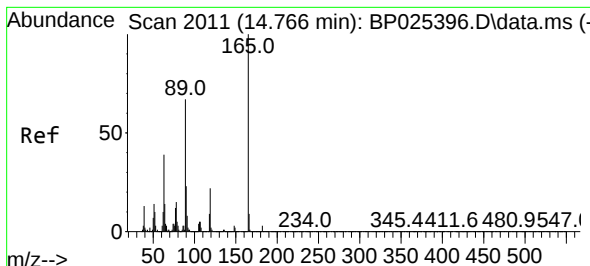
Ion Ratio Lower Upper

139 100

109 78.4 56.6 96.6

65 94.7 68.2 108.2

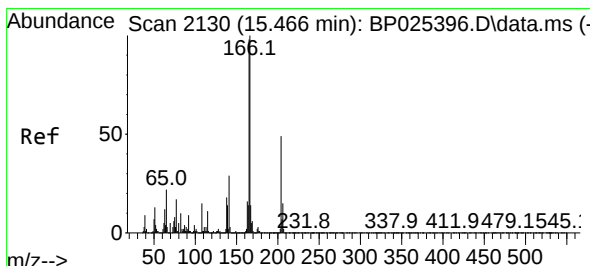
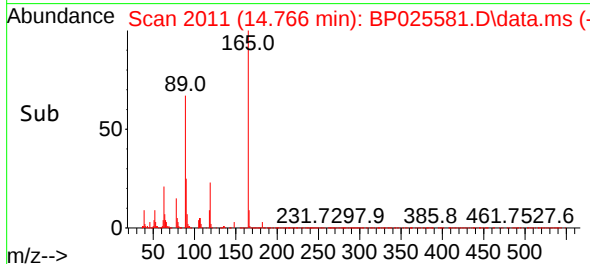
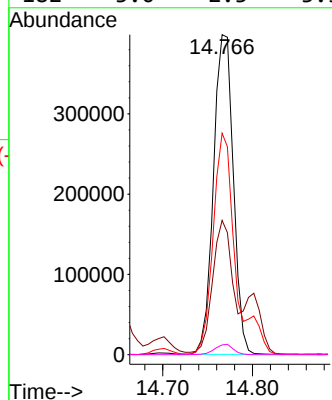
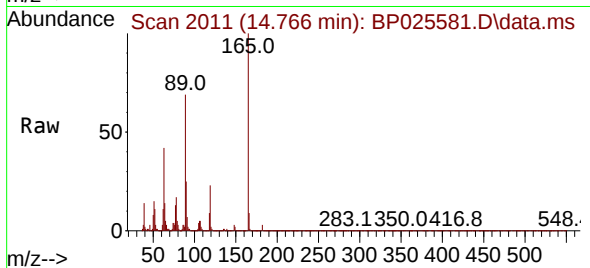




#57
2,4-Dinitrotoluene
Concen: 43.652 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

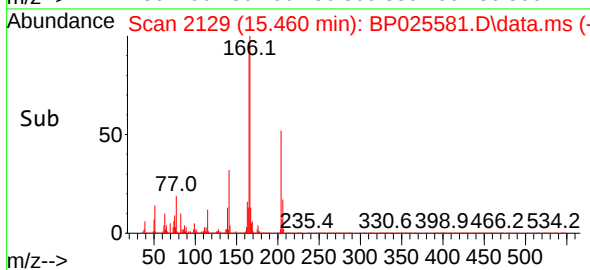
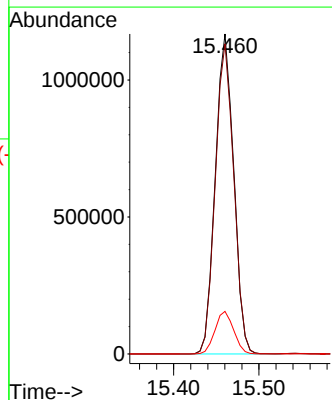
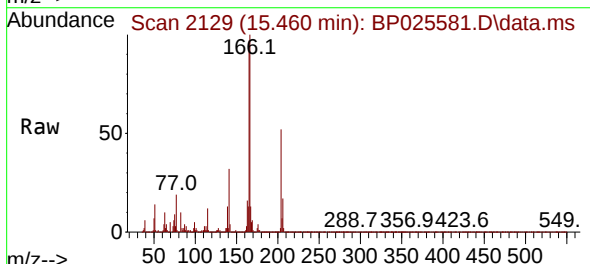
Instrument :
BNA_P
ClientSampleId :
PB169362BS

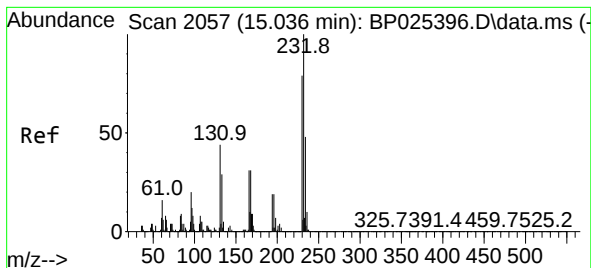
Tgt Ion:165 Resp: 611705
Ion Ratio Lower Upper
165 100
63 42.0 31.4 47.2
89 69.2 53.3 79.9
182 3.0 2.3 3.5



#58
Fluorene
Concen: 40.236 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:166 Resp: 1754062
Ion Ratio Lower Upper
166 100
165 97.0 78.8 118.2
167 13.3 11.0 16.4

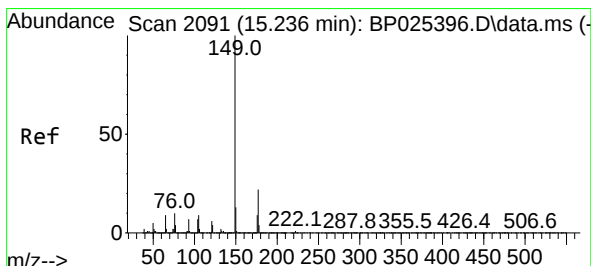
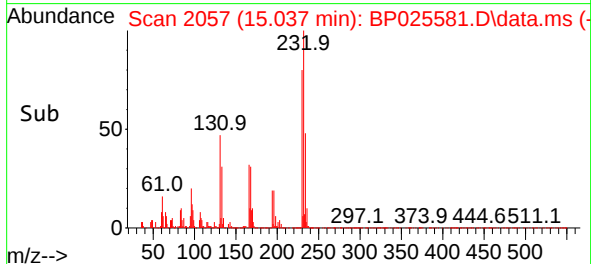
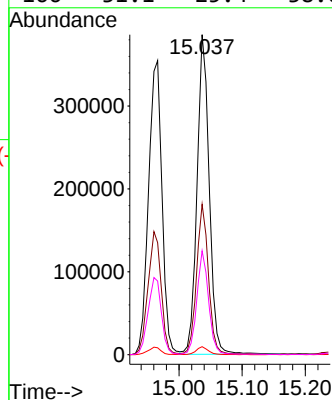
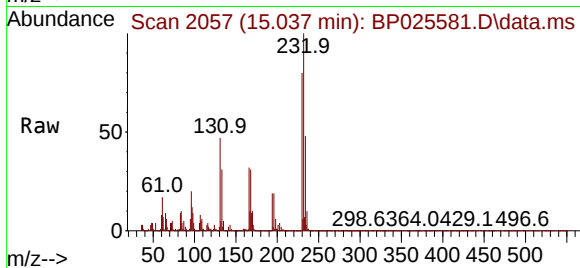




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.035 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

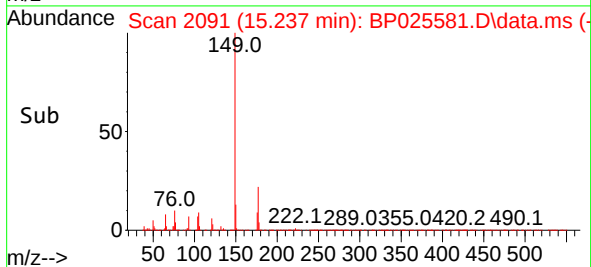
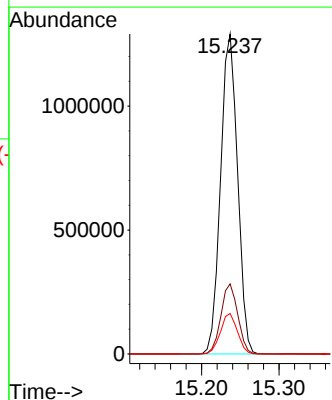
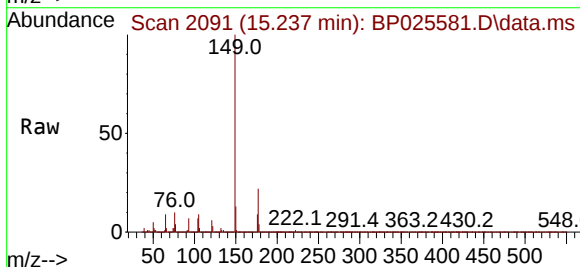
Instrument :
BNA_P
ClientSampleId :
PB169362BS

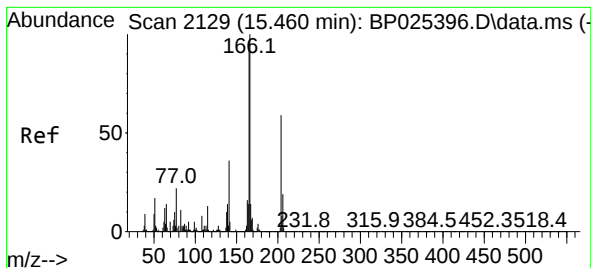
Tgt Ion:232 Resp: 516718
Ion Ratio Lower Upper
232 100
131 45.5 37.0 55.6
130 2.4 1.9 2.9
166 31.1 25.4 38.0



#60
Diethylphthalate
Concen: 41.478 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:149 Resp: 1963954
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 12.6 10.3 15.5

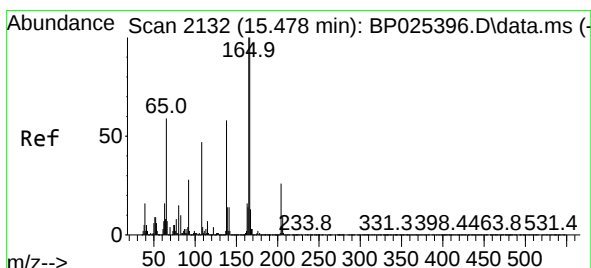
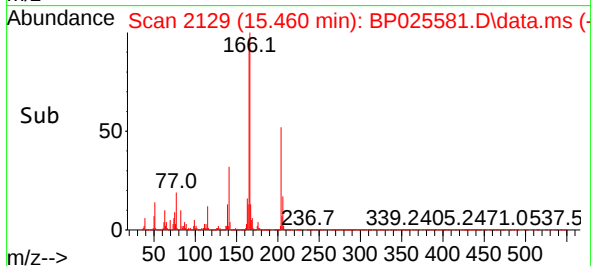
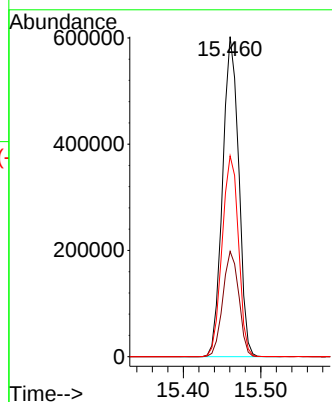
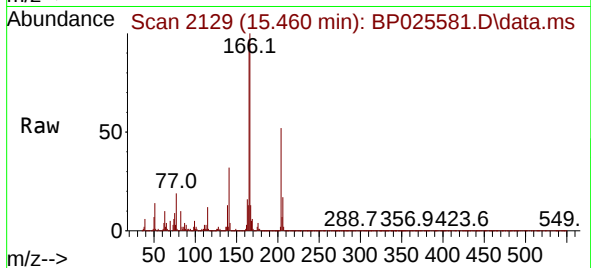




#61
4-Chlorophenyl-phenylether
Concen: 40.107 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

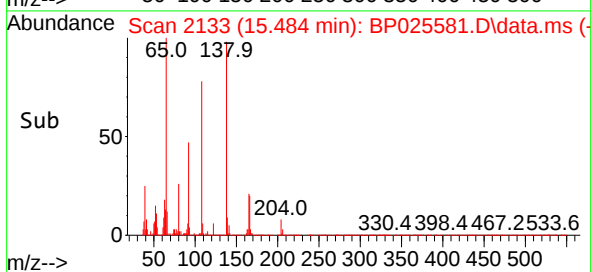
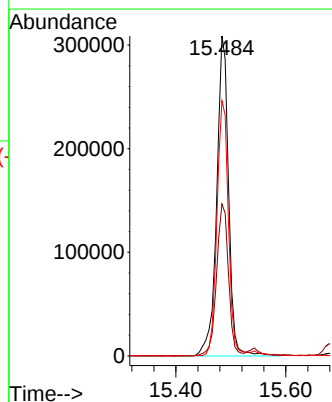
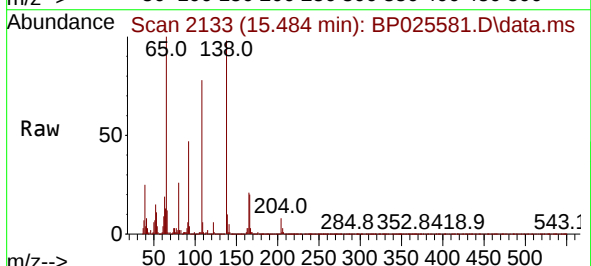
Instrument :
BNA_P
ClientSampleId :
PB169362BS

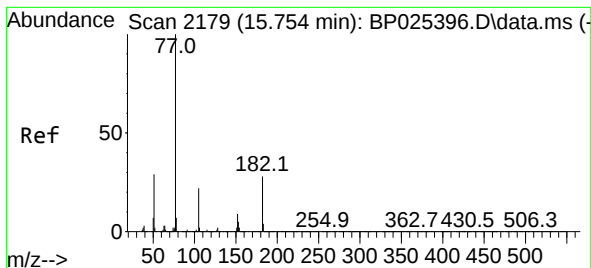
Tgt Ion:204 Resp: 869582
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.8
141 62.8 49.4 74.2



#62
4-Nitroaniline
Concen: 41.087 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:138 Resp: 465461
Ion Ratio Lower Upper
138 100
92 47.5 29.1 69.1
108 79.8 61.5 101.5





#63

Azobenzene

Concen: 42.069 ng

RT: 15.766 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

Tgt Ion: 77 Resp: 1705622

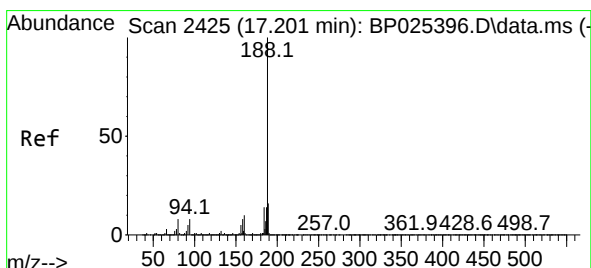
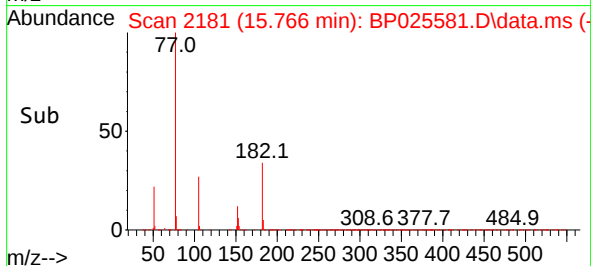
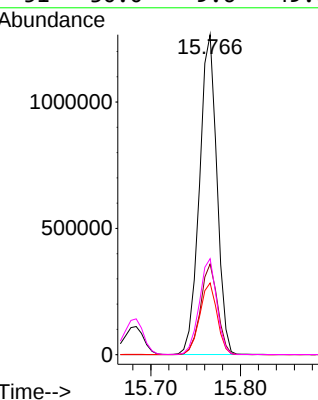
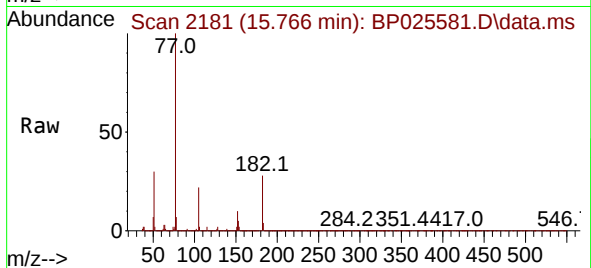
Ion Ratio Lower Upper

77 100

182 28.4 7.5 47.5

105 22.4 2.1 42.1

51 30.0 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

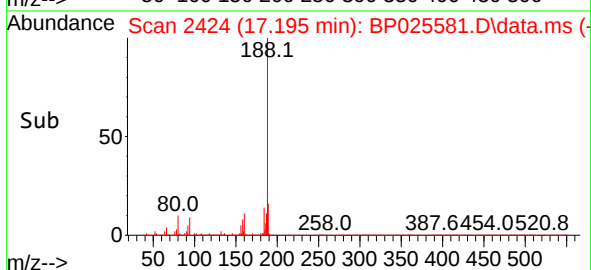
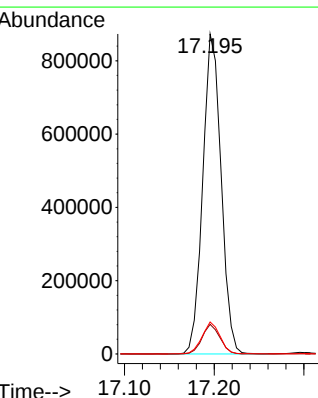
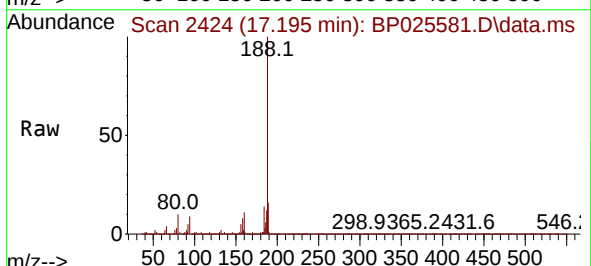
Tgt Ion:188 Resp: 1239646

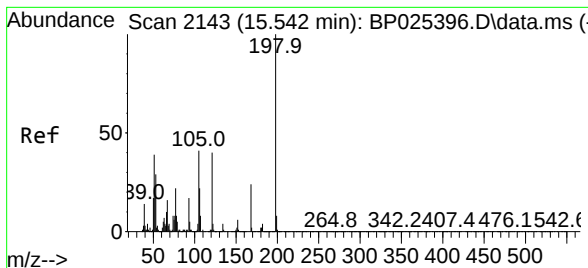
Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 10.0 6.7 10.1

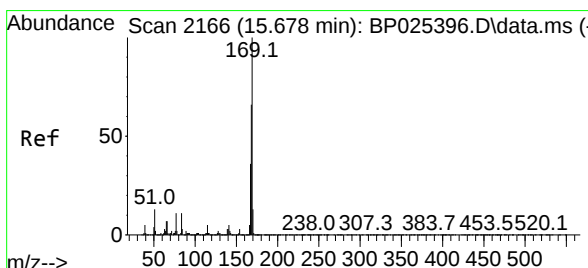
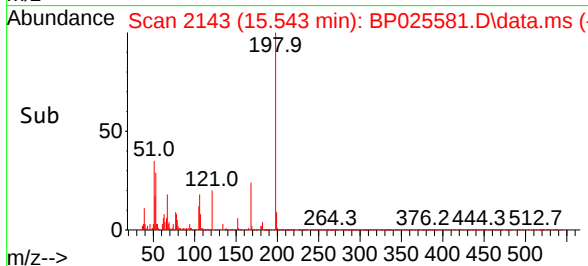
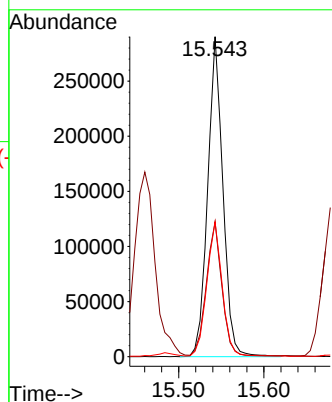
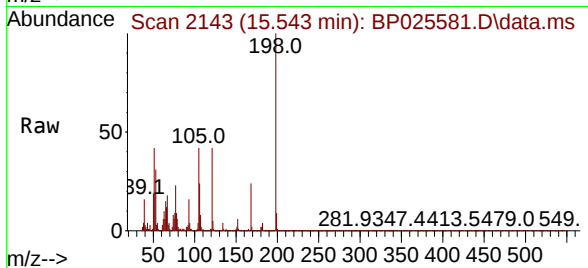




#65
4,6-Dinitro-2-methylphenol
Concen: 46.660 ng
RT: 15.543 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

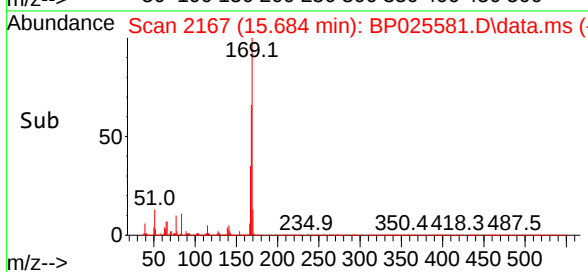
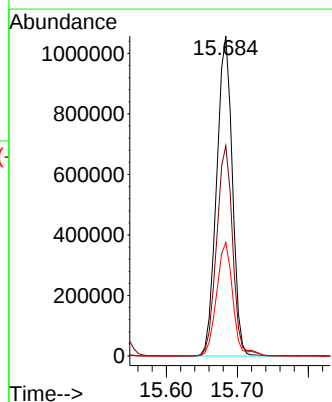
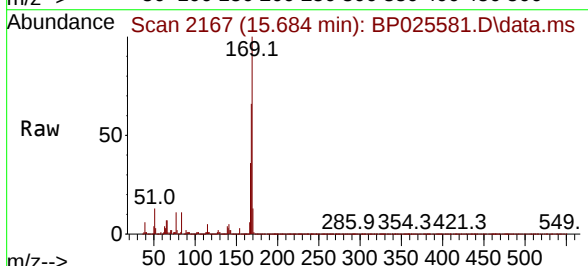
Instrument :
BNA_P
ClientSampleId :
PB169362BS

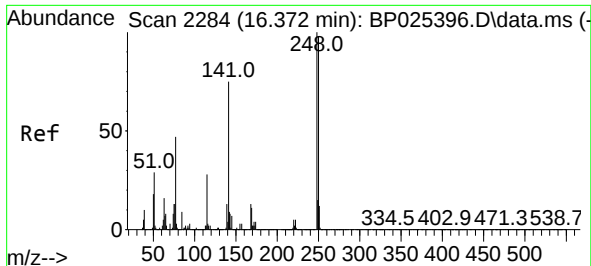
Tgt Ion:198 Resp: 360561
Ion Ratio Lower Upper
198 100
51 42.1 19.6 59.6
105 42.1 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 42.792 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:169 Resp: 1617614
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 35.5 28.7 43.1

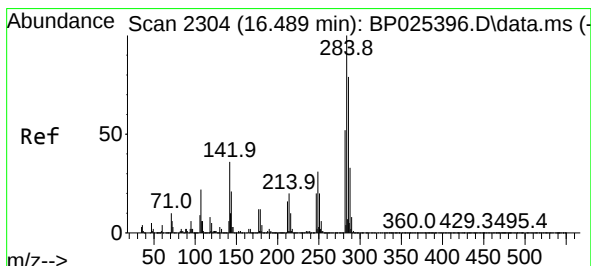
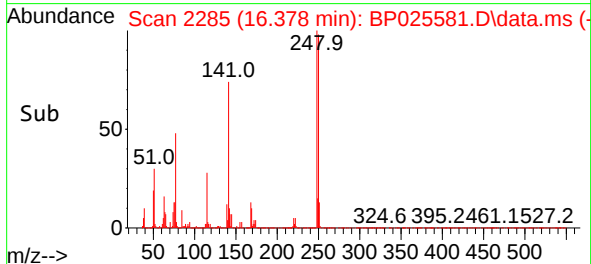
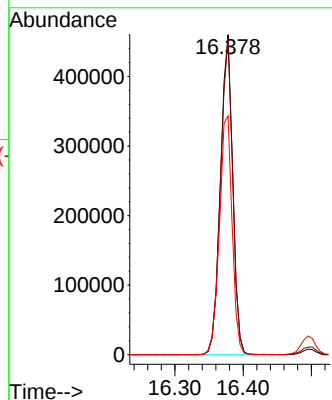
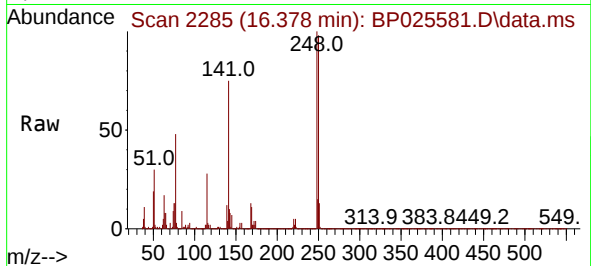




#67
4-Bromophenyl-phenylether
Concen: 42.249 ng
RT: 16.378 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

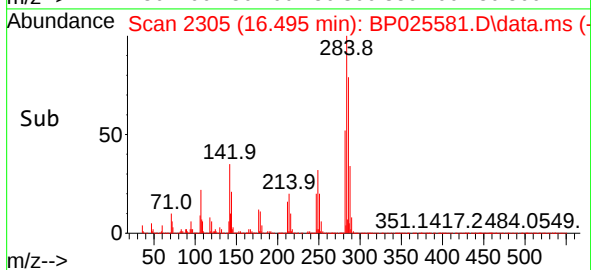
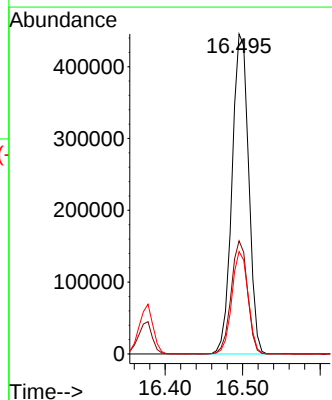
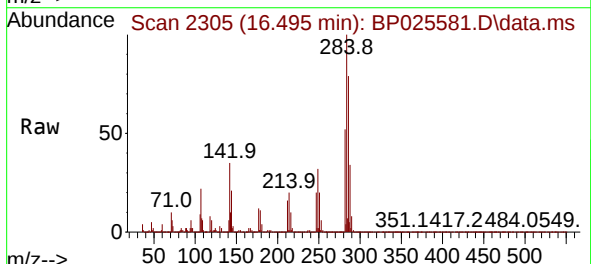
Instrument :
BNA_P
ClientSampleId :
PB169362BS

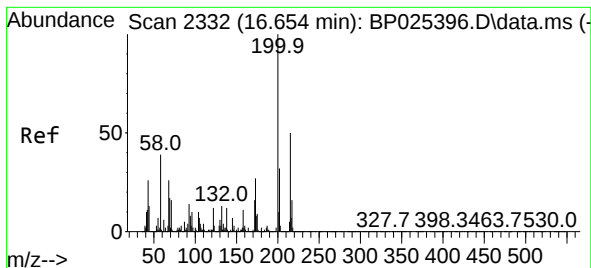
Tgt Ion:248 Resp: 576012
Ion Ratio Lower Upper
248 100
250 98.4 78.2 117.2
141 74.6 59.6 89.4



#68
Hexachlorobenzene
Concen: 42.026 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:284 Resp: 664199
Ion Ratio Lower Upper
284 100
142 35.3 29.1 43.7
249 32.0 25.0 37.4





#69

Atrazine

Concen: 41.719 ng

RT: 16.660 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

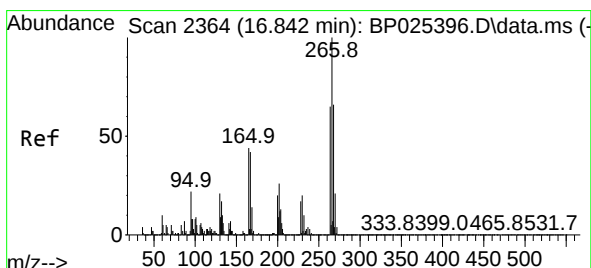
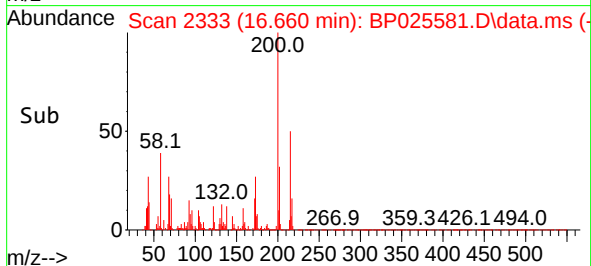
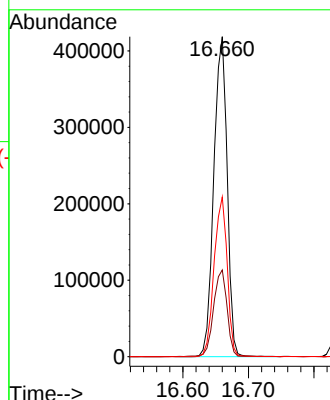
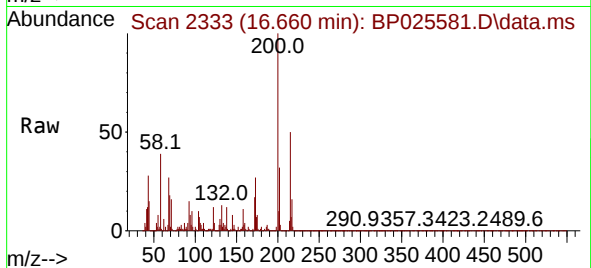
Tgt Ion:200 Resp: 590609

Ion Ratio Lower Upper

200 100

173 27.1 6.7 46.7

215 49.9 29.7 69.7



#70

Pentachlorophenol

Concen: 86.886 ng

RT: 16.843 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

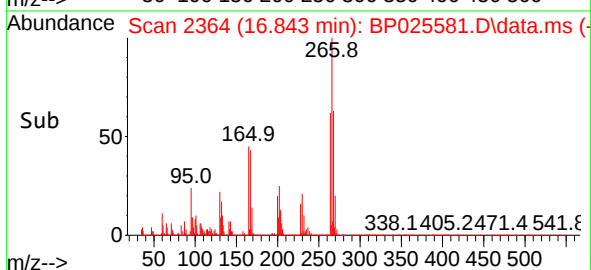
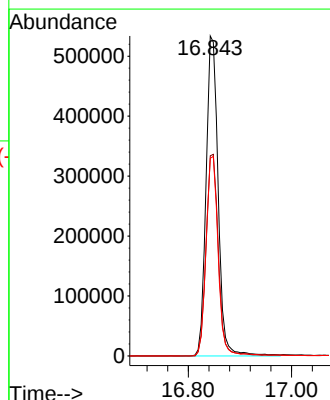
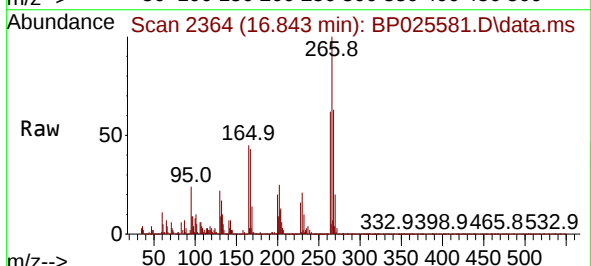
Tgt Ion:266 Resp: 866823

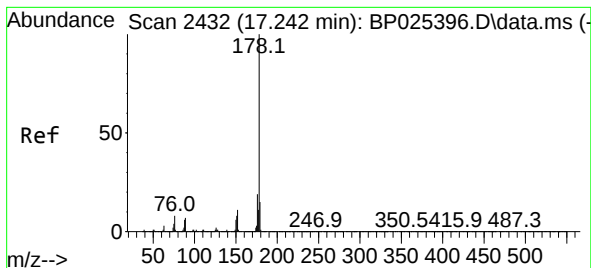
Ion Ratio Lower Upper

266 100

268 62.5 52.6 79.0

264 61.8 52.0 78.0





#71

Phenanthrene

Concen: 40.874 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

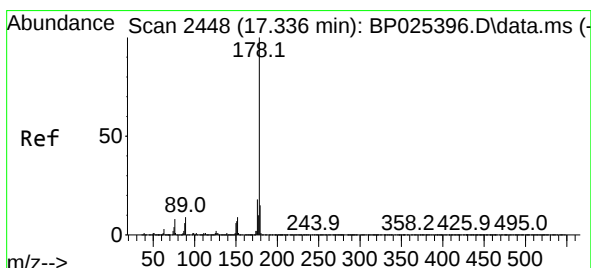
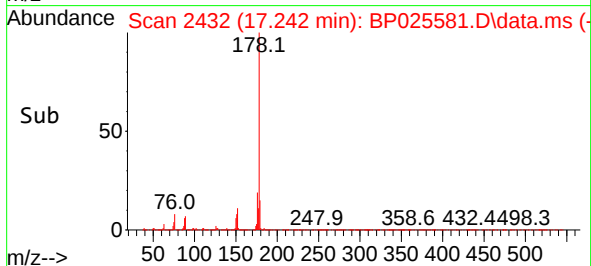
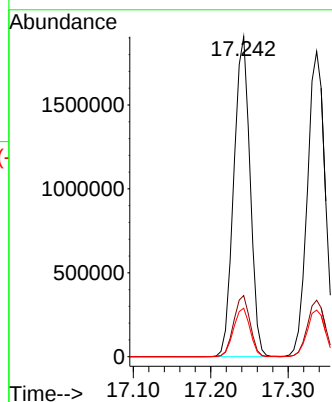
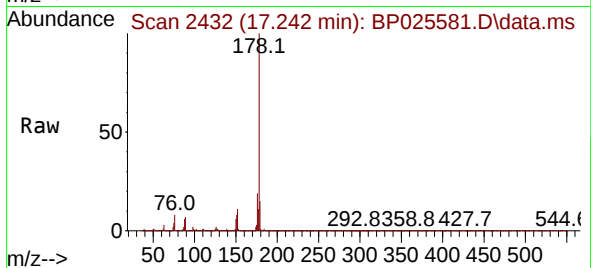
Tgt Ion:178 Resp: 2783407

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.1 12.2 18.4



#72

Anthracene

Concen: 41.423 ng

RT: 17.337 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

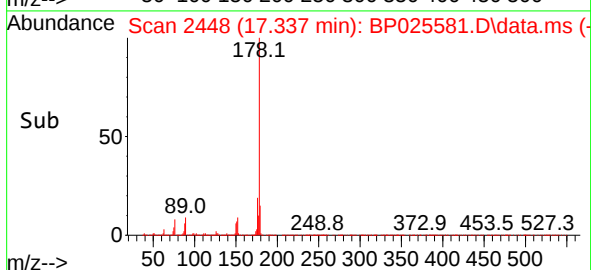
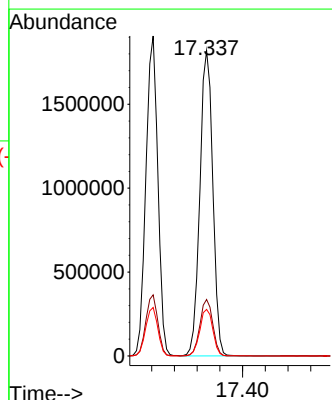
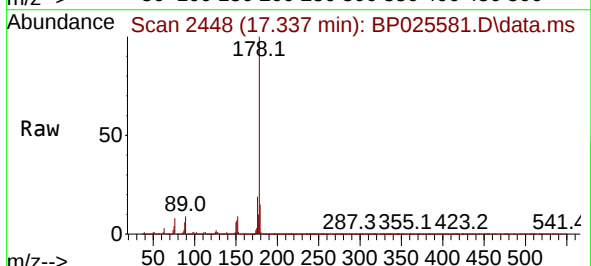
Tgt Ion:178 Resp: 2880596

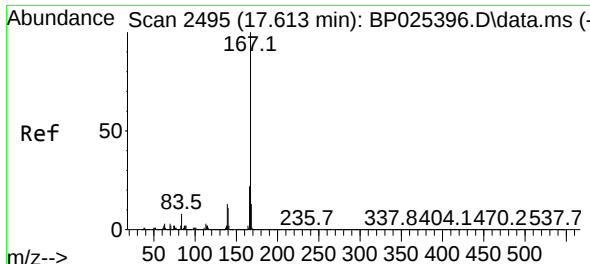
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.2 12.2 18.2

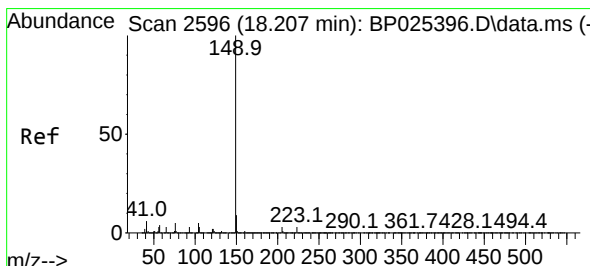
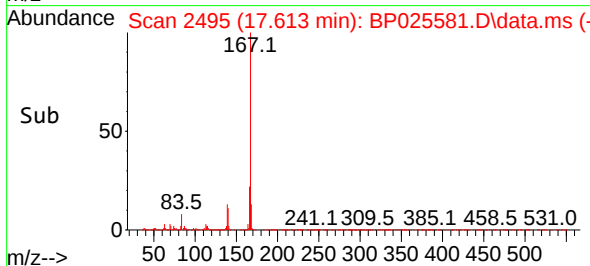
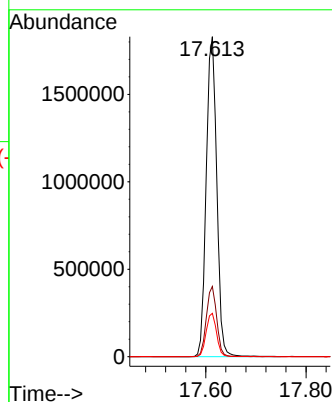
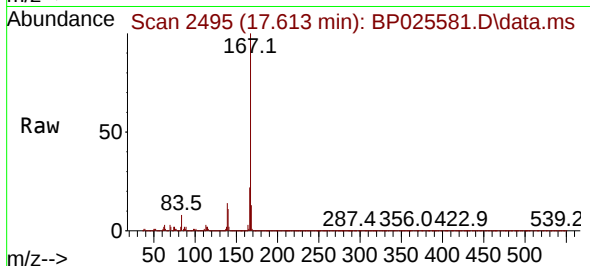




#73
 Carbazole
 Concen: 40.817 ng
 RT: 17.613 min Scan# 2495
 Delta R.T. 0.000 min
 Lab File: BP025581.D
 Acq: 26 Aug 2025 11:44

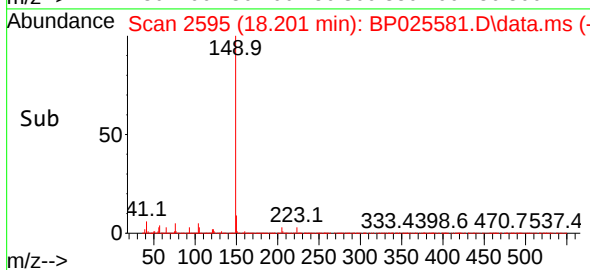
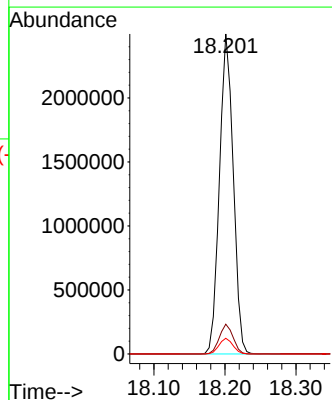
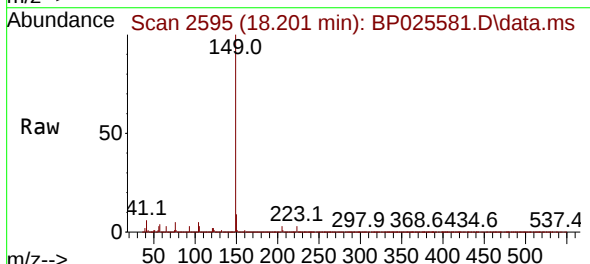
Instrument :
 BNA_P
 ClientSampleId :
 PB169362BS

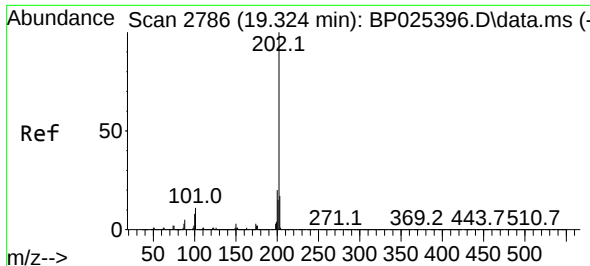
Tgt Ion:167 Resp: 2673601
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.612 ng
 RT: 18.201 min Scan# 2595
 Delta R.T. -0.006 min
 Lab File: BP025581.D
 Acq: 26 Aug 2025 11:44

Tgt Ion:149 Resp: 3353500
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.9 4.2 6.2

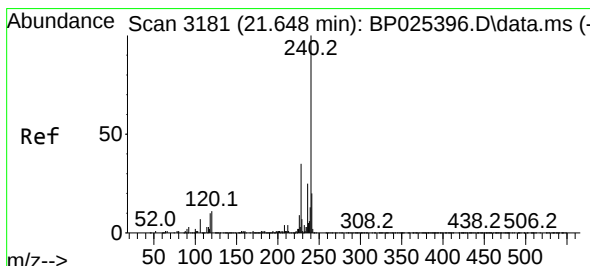
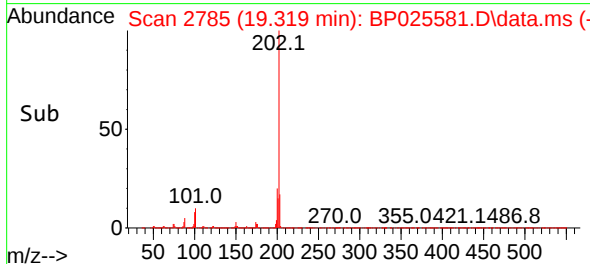
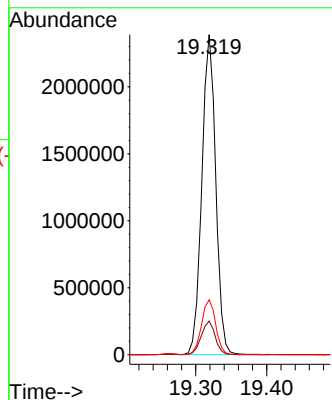
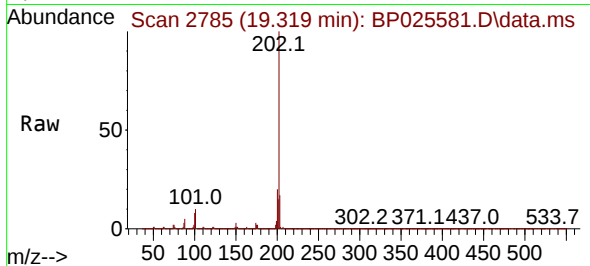




#75
Fluoranthene
Concen: 39.976 ng
RT: 19.319 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

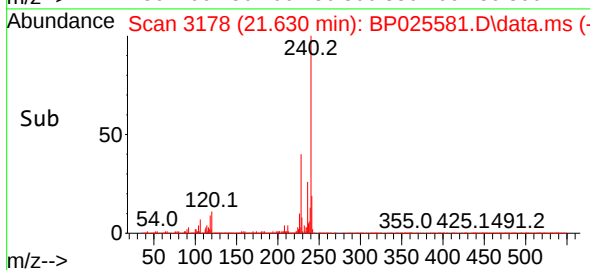
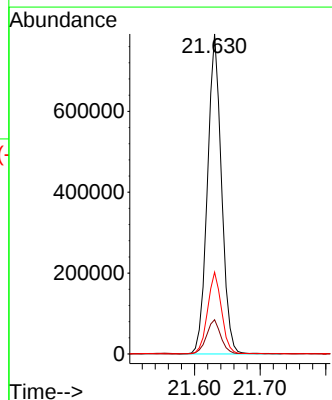
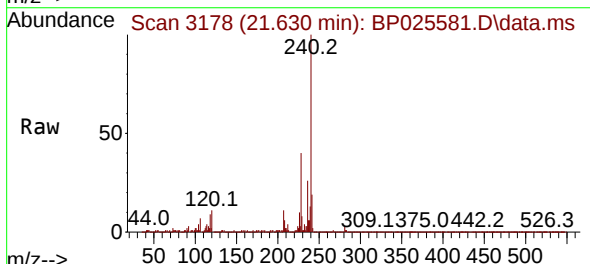
Instrument :
BNA_P
ClientSampleId :
PB169362BS

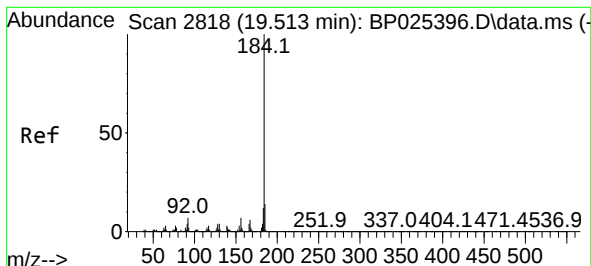
Tgt Ion:202 Resp: 3247240
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:240 Resp: 1177566
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.6 19.8 29.8





#77

Benzidine

Concen: 39.731 ng

RT: 19.519 min Scan# 2819

Delta R.T. 0.006 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

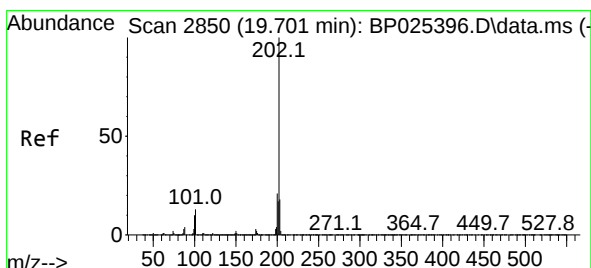
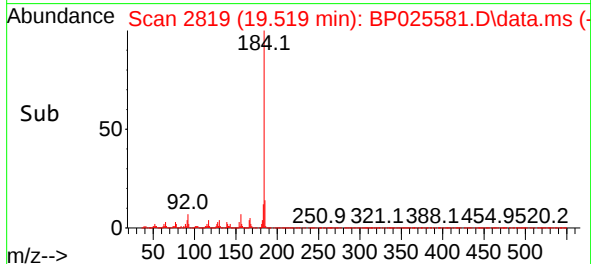
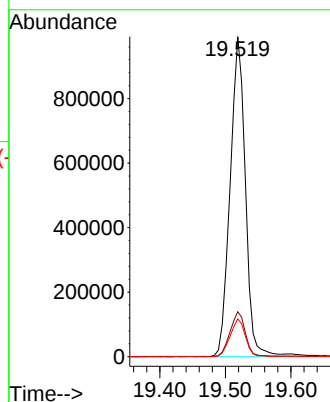
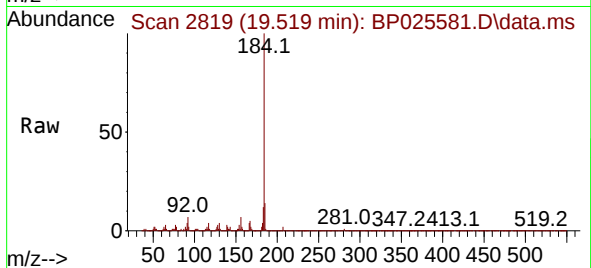
Tgt Ion:184 Resp: 1596713

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.8 9.4 14.2



#78

Pyrene

Concen: 43.373 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

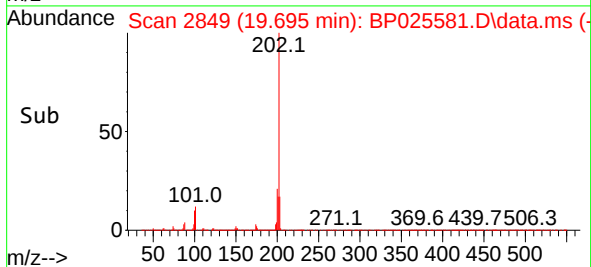
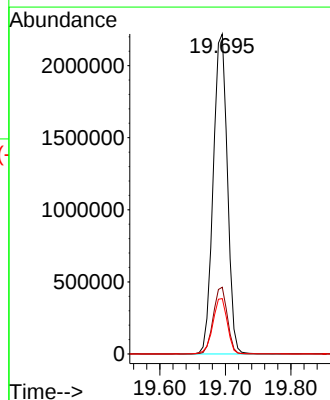
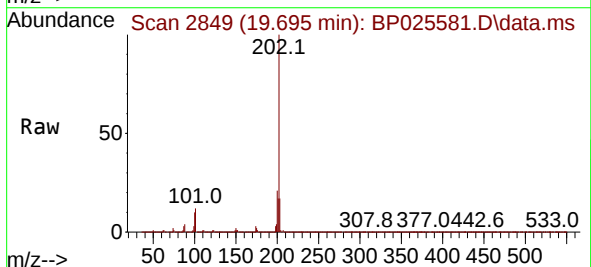
Tgt Ion:202 Resp: 3319660

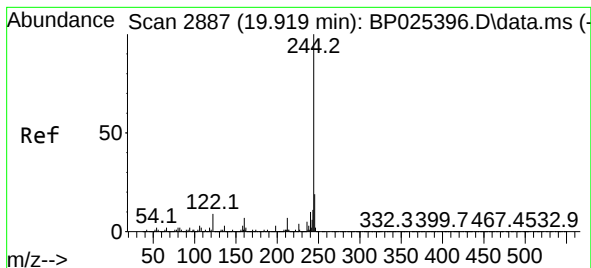
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 75.484 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

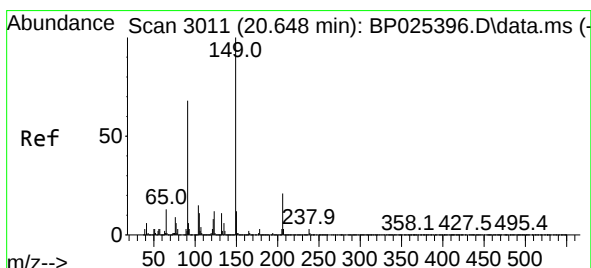
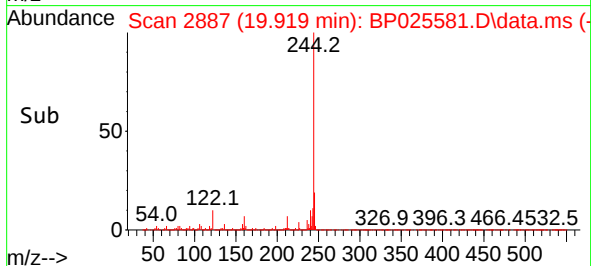
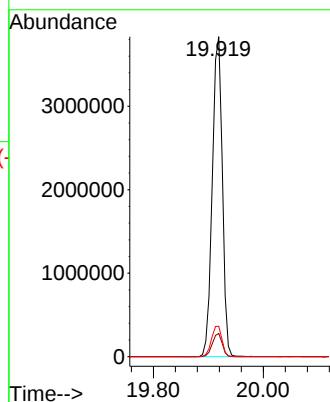
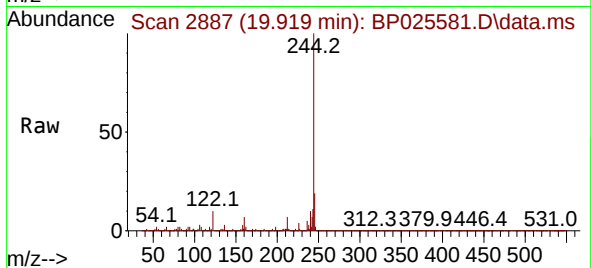
Tgt Ion:244 Resp: 4858385

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.5 7.4 11.2



#80

Butylbenzylphthalate

Concen: 44.314 ng

RT: 20.642 min Scan# 3010

Delta R.T. -0.006 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

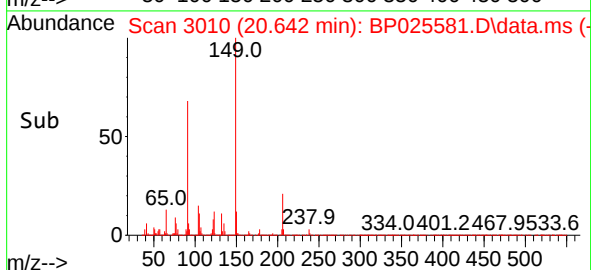
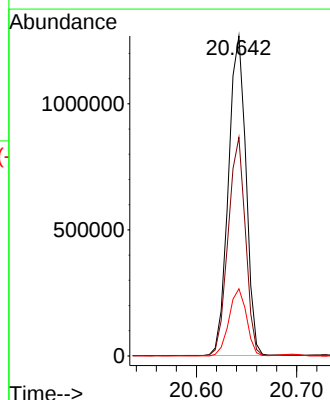
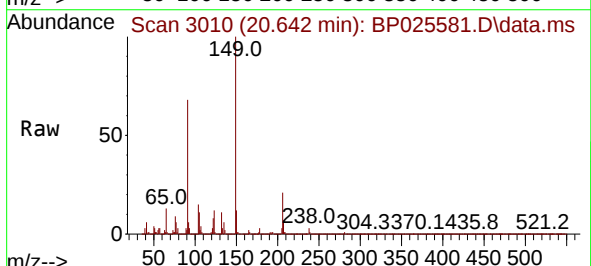
Tgt Ion:149 Resp: 1537154

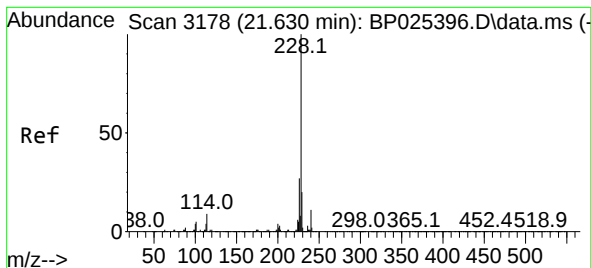
Ion Ratio Lower Upper

149 100

91 68.3 54.2 81.2

206 21.0 16.6 24.8





#81

Benzo(a)anthracene

Concen: 42.164 ng

RT: 21.607 min Scan# 3174

Delta R.T. -0.023 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

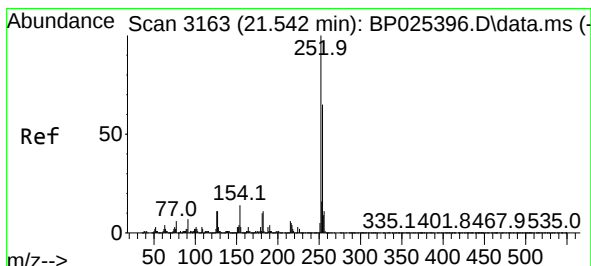
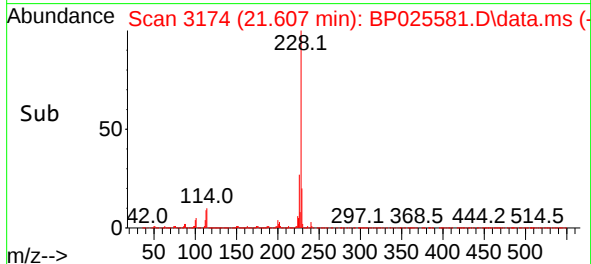
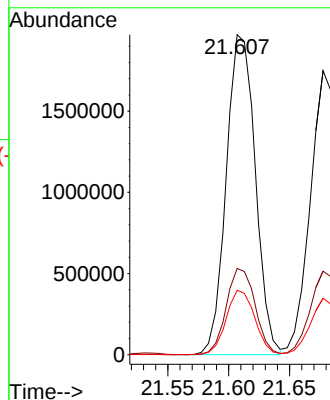
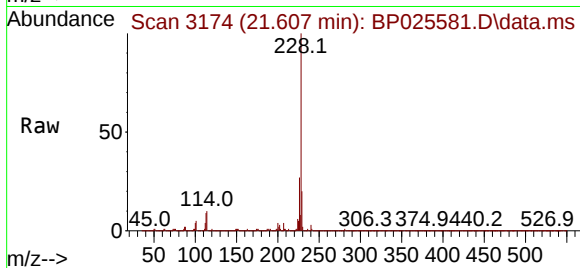
Tgt Ion:228 Resp: 3274508

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 20.2 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 31.914 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

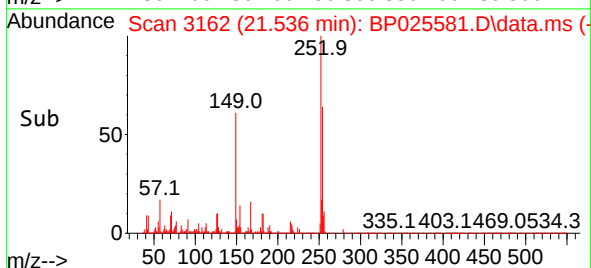
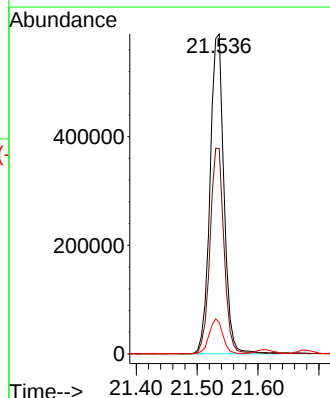
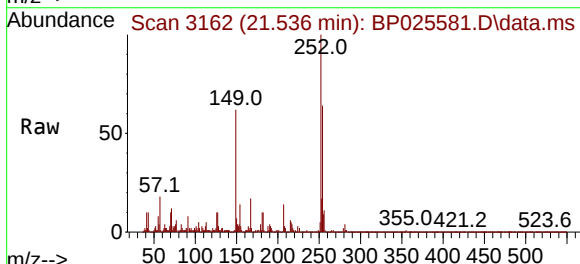
Tgt Ion:252 Resp: 934179

Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.6

126 9.8 9.1 13.7





#83

Chrysene

Concen: 41.659 ng

RT: 21.678 min Scan# 3186

Delta R.T. -0.017 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

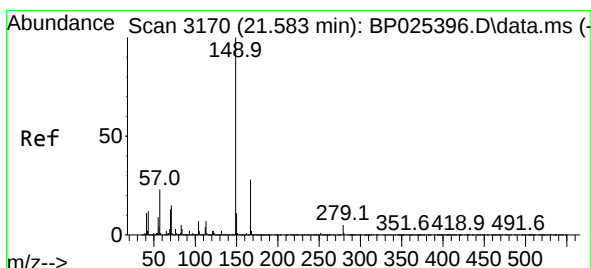
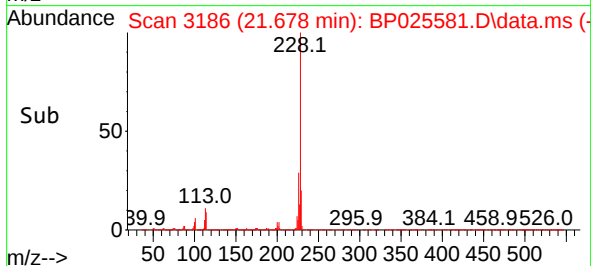
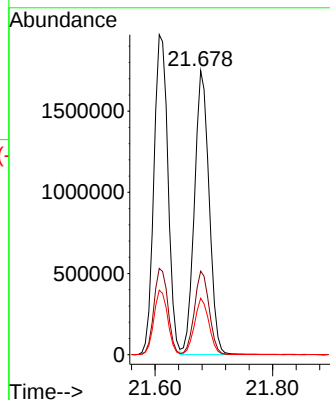
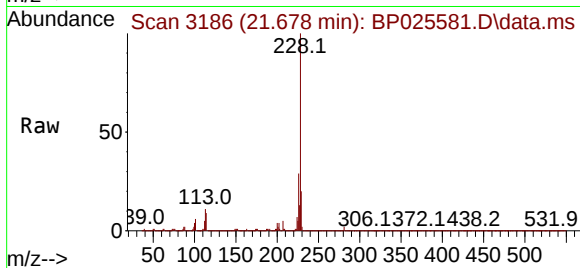
Tgt Ion:228 Resp: 3029858

Ion Ratio Lower Upper

228 100

226 29.4 23.2 34.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.684 ng

RT: 21.554 min Scan# 3165

Delta R.T. -0.029 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

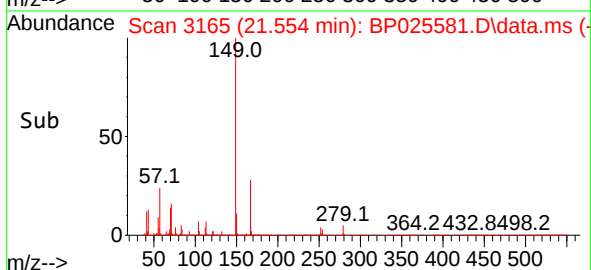
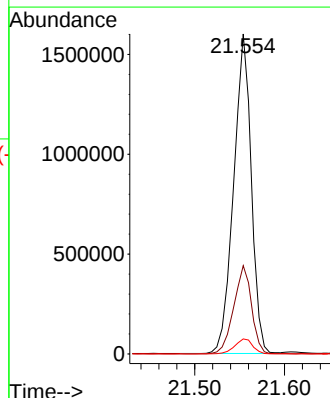
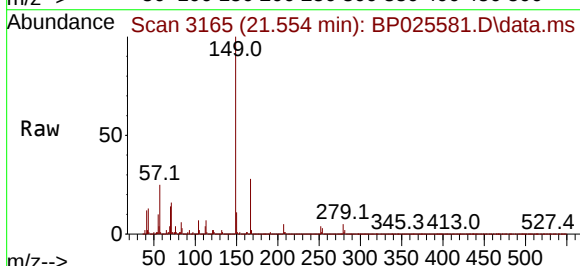
Tgt Ion:149 Resp: 2179550

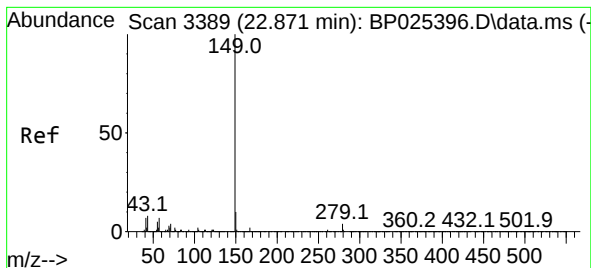
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 43.711 ng

RT: 22.836 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

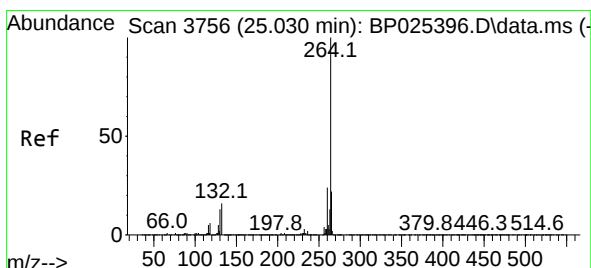
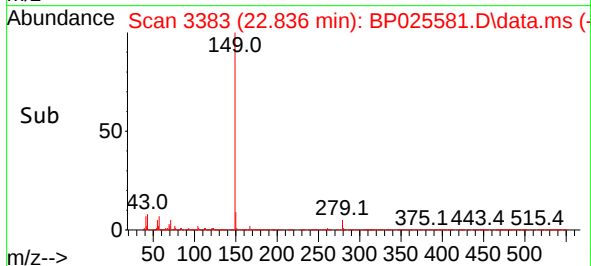
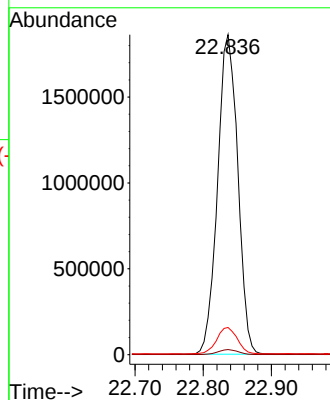
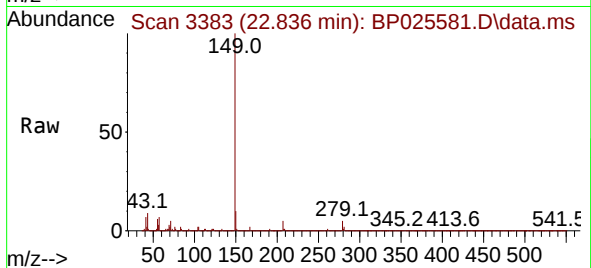
Tgt Ion:149 Resp: 3839151

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.041 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

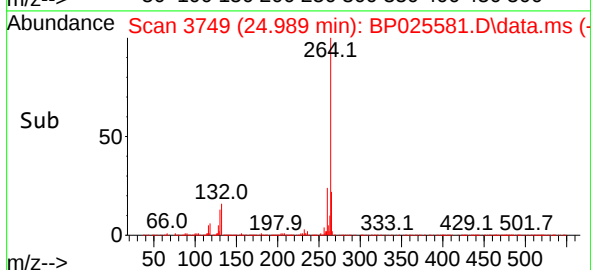
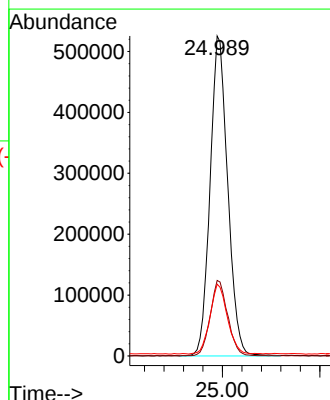
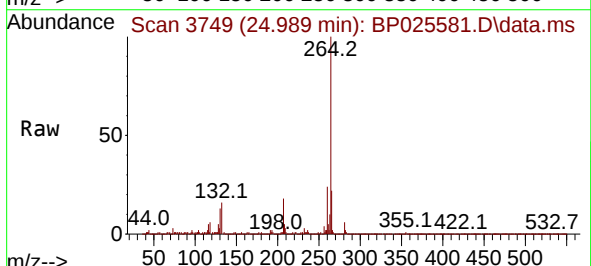
Tgt Ion:264 Resp: 1318341

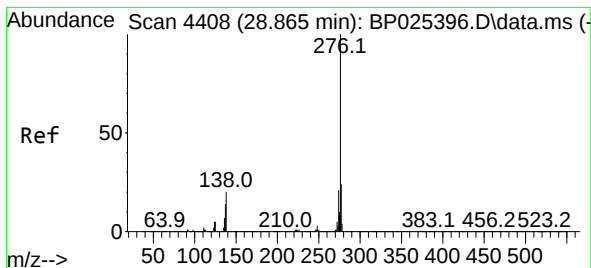
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.384 ng

RT: 28.854 min Scan# 4408

Delta R.T. -0.011 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

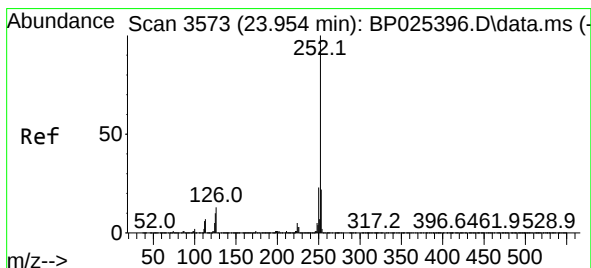
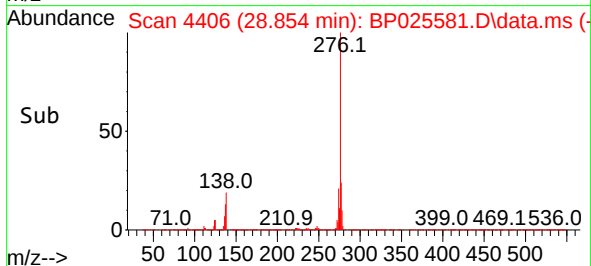
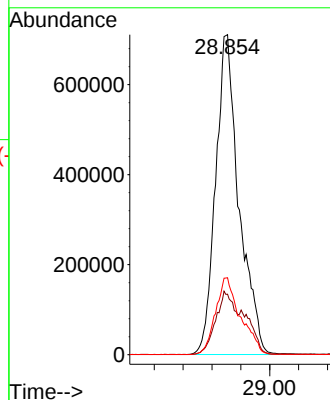
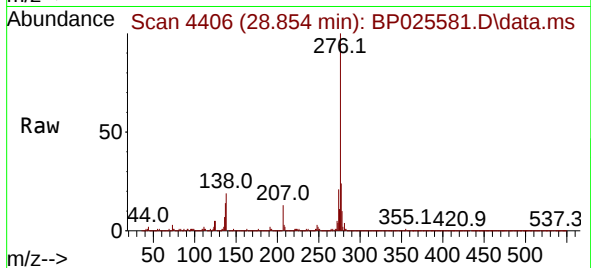
Tgt Ion:276 Resp: 4001108

Ion Ratio Lower Upper

276 100

138 15.9 12.9 19.3

277 25.6 17.0 25.6#



#88

Benzo(b)fluoranthene

Concen: 41.722 ng

RT: 23.948 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

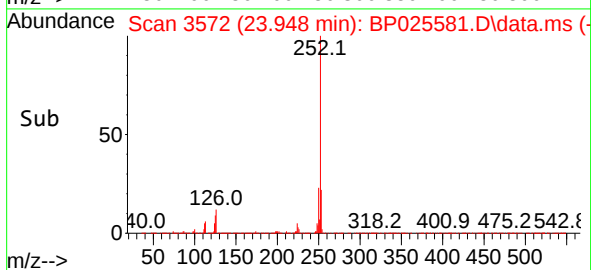
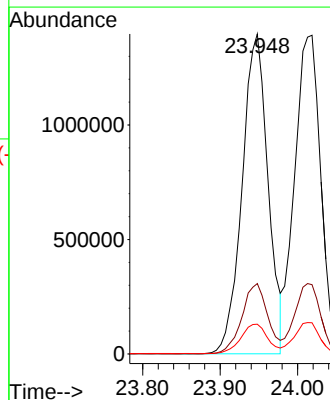
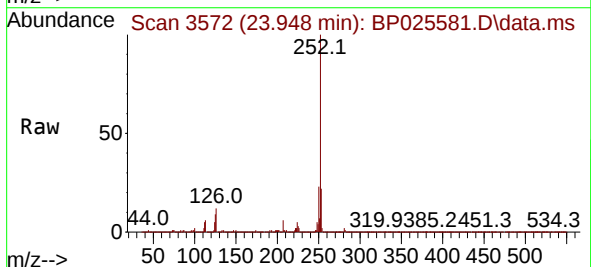
Tgt Ion:252 Resp: 3243383

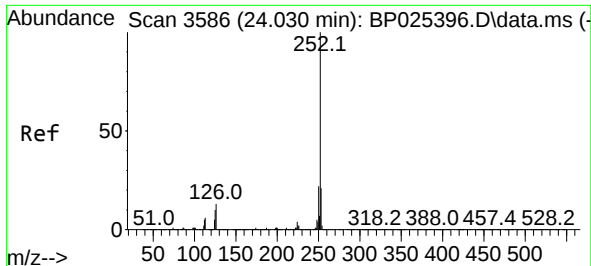
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.3 7.9 11.9

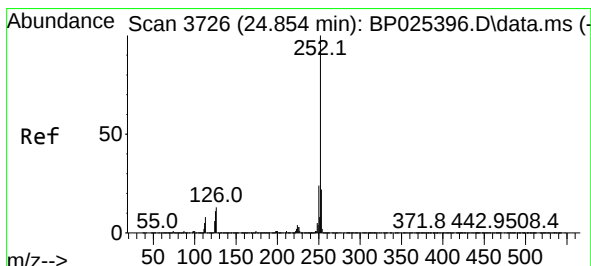
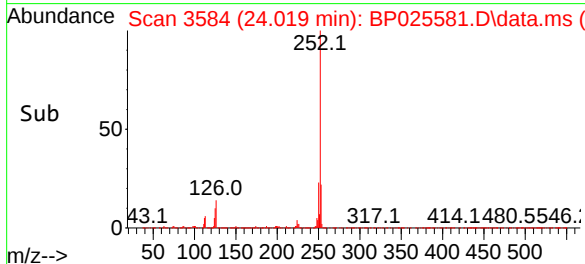
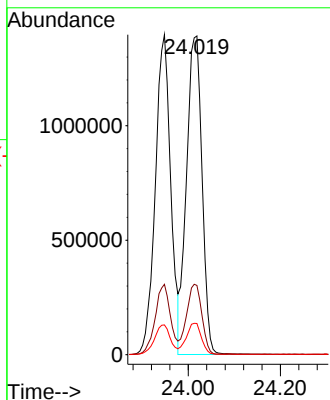
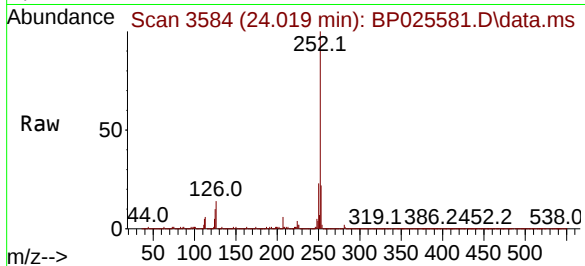




#89
Benzo(k)fluoranthene
Concen: 41.789 ng
RT: 24.019 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

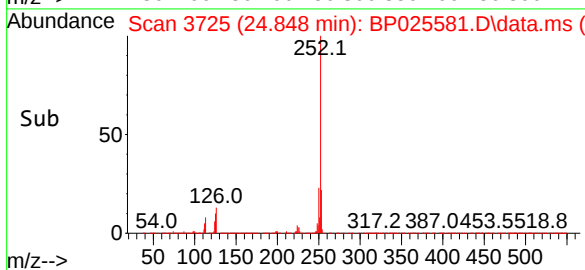
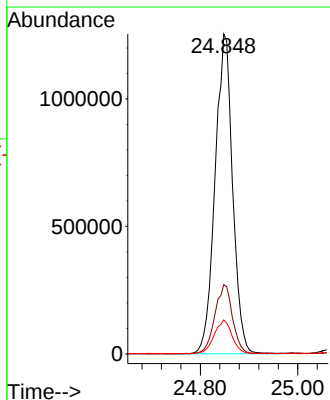
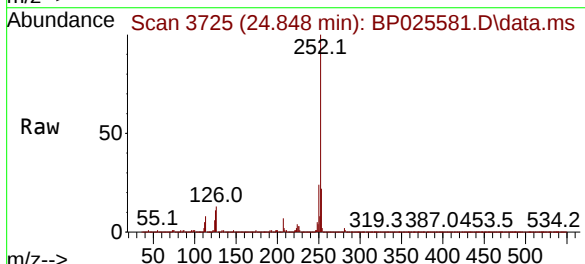
Instrument :
BNA_P
ClientSampleId :
PB169362BS

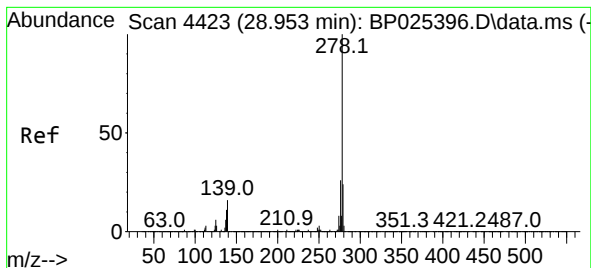
Tgt Ion:252 Resp: 3250836
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.8 7.8 11.6



#90
Benzo(a)pyrene
Concen: 41.559 ng
RT: 24.848 min Scan# 3725
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:252 Resp: 3144868
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 41.824 ng

RT: 28.918 min Scan# 44

Delta R.T. -0.035 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Instrument :

BNA_P

ClientSampleId :

PB169362BS

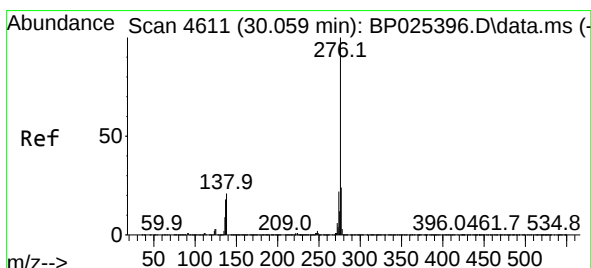
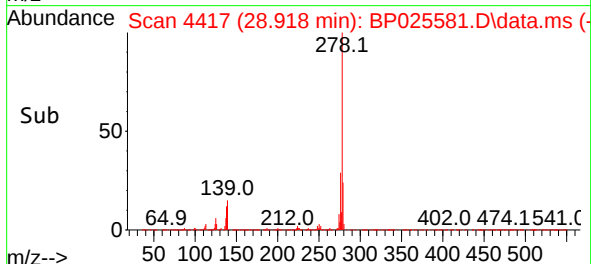
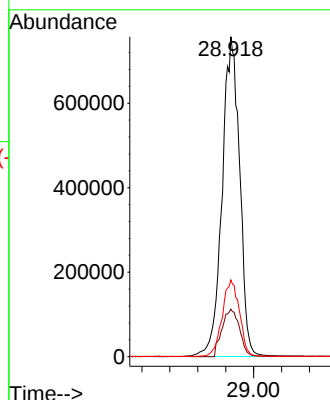
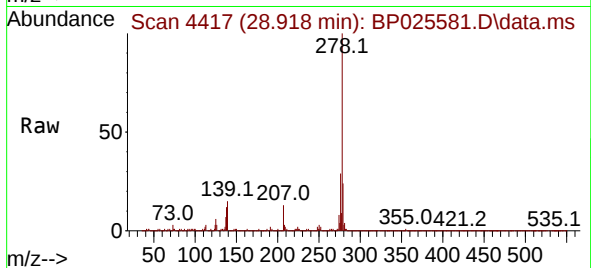
Tgt Ion:278 Resp: 3304493

Ion Ratio Lower Upper

278 100

139 14.8 13.0 19.4

279 24.0 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 41.376 ng

RT: 30.024 min Scan# 4605

Delta R.T. -0.035 min

Lab File: BP025581.D

Acq: 26 Aug 2025 11:44

Tgt Ion:276 Resp: 3213416

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 20.7 16.7 25.1

