

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080125\
 Data File : BP025291.D
 Acq On : 01 Aug 2025 12:54
 Operator : CG/JU
 Sample : PB169072BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169072BS

Quant Time: Aug 01 13:11:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 29 15:28:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	458531	20.000	ng	0.00
21) Naphthalene-d8	10.131	136	1743434	20.000	ng	-0.01
39) Acenaphthene-d10	14.043	164	1053281	20.000	ng	0.00
64) Phenanthrene-d10	16.866	188	2019598	20.000	ng	-0.01
76) Chrysene-d12	21.289	240	2056319	20.000	ng	-0.02
86) Perylene-d12	24.383	264	2317878	20.000	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3289480	121.214	ng	0.00
7) Phenol-d6	6.643	99	3935157	117.079	ng	0.00
23) Nitrobenzene-d5	8.531	82	2430592	77.477	ng	0.00
42) 2,4,6-Tribromophenol	15.572	330	1748915	112.632	ng	0.00
45) 2-Fluorobiphenyl	12.643	172	5891315	78.855	ng	0.00
79) Terphenyl-d14	19.613	244	8537134	81.955	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.096	88	381694	37.528	ng	97
3) Pyridine	3.478	79	1025612	37.670	ng	95
4) n-Nitrosodimethylamine	3.390	42	507630	47.015	ng	89
6) Aniline	6.761	93	1052161	23.948	ng	99
8) 2-Chlorophenol	6.996	128	1332487	43.275	ng	99
9) Benzaldehyde	6.566	77	611470	26.832	ng	97
10) Phenol	6.672	94	1494859	42.885	ng	97
11) bis(2-Chloroethyl)ether	6.849	93	1258877	47.107	ng	98
12) 1,3-Dichlorobenzene	7.284	146	1448432	41.830	ng	99
13) 1,4-Dichlorobenzene	7.431	146	1483442	42.442	ng	99
14) 1,2-Dichlorobenzene	7.737	146	1414411	42.066	ng	100
15) Benzyl Alcohol	7.655	79	967648	39.912	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.919	45	1491294	43.614	ng	99
17) 2-Methylphenol	7.872	107	1029154	42.587	ng	98
18) Hexachloroethane	8.443	117	519975	43.260	ng	97
19) n-Nitroso-di-n-propyla...	8.202	70	826317	40.866	ng	97
20) 3+4-Methylphenols	8.208	107	1367711	41.491	ng	# 48
22) Acetophenone	8.208	105	1786358	44.033	ng	# 92
24) Nitrobenzene	8.572	77	1268021	45.342	ng	95
25) Isophorone	9.102	82	2295264	41.605	ng	99
26) 2-Nitrophenol	9.272	139	695351	43.299	ng	97
27) 2,4-Dimethylphenol	9.366	122	1168894	43.498	ng	97
28) bis(2-Chloroethoxy)met...	9.572	93	1476364	42.784	ng	99
29) 2,4-Dichlorophenol	9.843	162	1208278	43.767	ng	98
30) 1,2,4-Trichlorobenzene	10.002	180	1284545	42.600	ng	100
31) Naphthalene	10.184	128	3825602	42.881	ng	99
32) Benzoic acid	9.584	122	674862m	32.896	ng	
33) 4-Chloroaniline	10.319	127	1060762	27.049	ng	99
34) Hexachlorobutadiene	10.472	225	779515	42.951	ng	99
35) Caprolactam	11.149	113	356601	38.919	ng	88
36) 4-Chloro-3-methylphenol	11.496	107	1180347	42.771	ng	98
37) 2-Methylnaphthalene	11.807	142	2445127	42.208	ng	99
38) 1-Methylnaphthalene	12.025	142	2527052	41.528	ng	100
40) 1,2,4,5-Tetrachloroben...	12.190	216	1408102	44.600	ng	99
41) Hexachlorocyclopentadiene	12.166	237	1593543	84.553	ng	100
43) 2,4,6-Trichlorophenol	12.454	196	950968	44.083	ng	99

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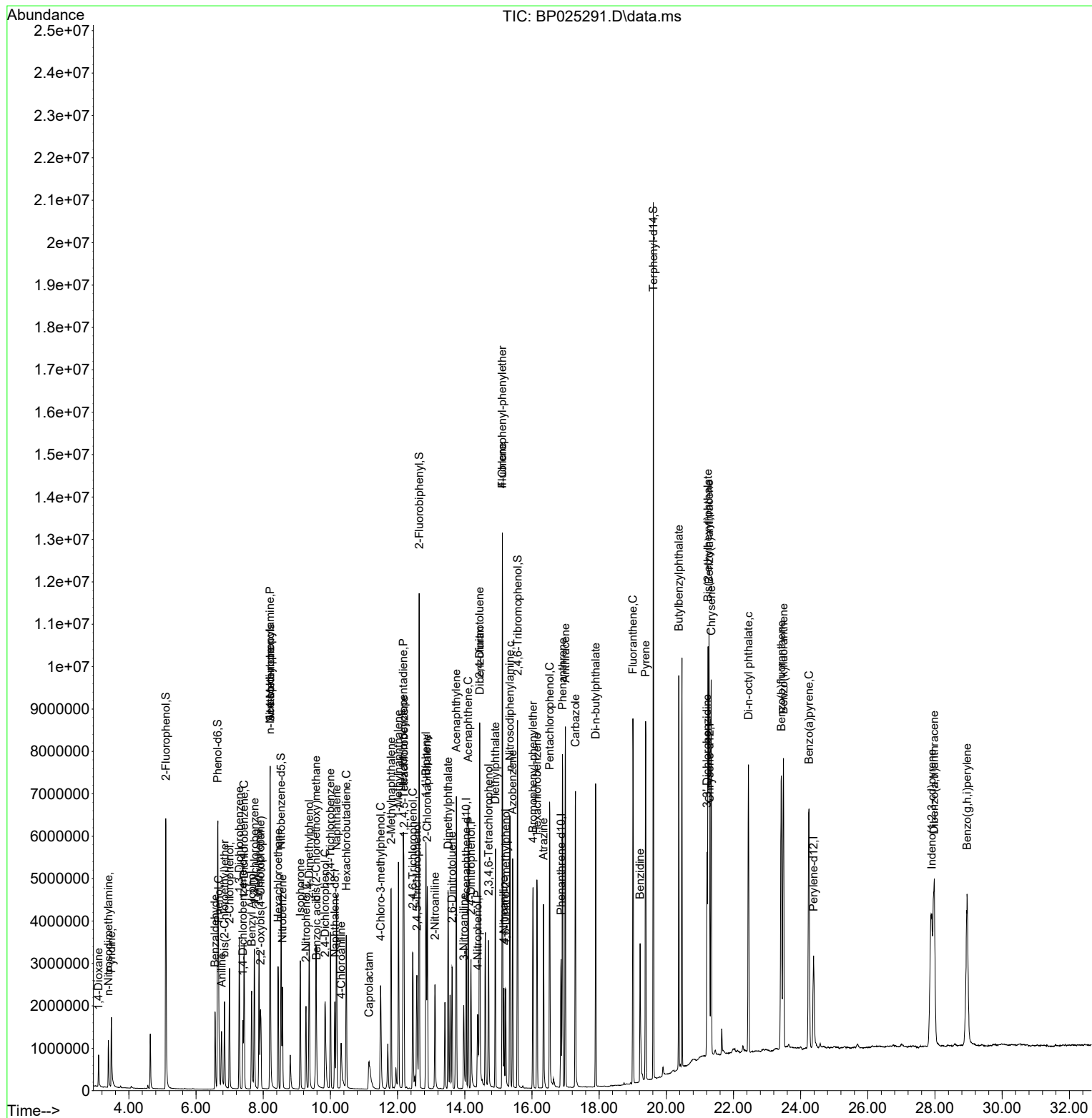
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44) 2,4,5-Trichlorophenol	12.572	196	1036502	43.662	ng	97
46) 1,1'-Biphenyl	12.843	154	3430979	44.935	ng	99
47) 2-Chloronaphthalene	12.884	162	2631129	44.137	ng	99
48) 2-Nitroaniline	13.113	65	711861	46.761	ng	97
49) Acenaphthylene	13.748	152	4352566	45.143	ng	99
50) Dimethylphthalate	13.507	163	3308110	43.916	ng	99
51) 2,6-Dinitrotoluene	13.619	165	721880	44.105	ng	92
52) Acenaphthene	14.101	154	2461452	44.148	ng	99
53) 3-Nitroaniline	13.972	138	700915	37.975	ng	100
54) 2,4-Dinitrophenol	14.184	184	870001	89.713	ng	95
55) Dibenzofuran	14.448	168	3889025	43.183	ng	95
56) 4-Nitrophenol	14.384	139	708220	44.841	ng	90
57) 2,4-Dinitrotoluene	14.443	165	1040294	45.406	ng	# 81
58) Fluorene	15.119	166	3186679	44.570	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.707	232	875850	41.690	ng	98
60) Diethylphthalate	14.913	149	3257141	43.871	ng	100
61) 4-Chlorophenyl-phenyle...	15.119	204	1594118	44.124	ng	95
62) 4-Nitroaniline	15.166	138	692624	36.898	ng	95
63) Azobenzene	15.425	77	2794629	46.191	ng	95
65) 4,6-Dinitro-2-methylph...	15.219	198	605506	46.457	ng	98
66) n-Nitrosodiphenylamine	15.342	169	2754161	44.929	ng	99
67) 4-Bromophenyl-phenylether	16.031	248	1020554	43.299	ng	97
68) Hexachlorobenzene	16.148	284	1219028	43.551	ng	94
69) Atrazine	16.342	200	912320	40.219	ng	99
70) Pentachlorophenol	16.531	266	1418018	74.499	ng	99
71) Phenanthrene	16.907	178	4867240	44.684	ng	100
72) Anthracene	16.995	178	4976030	45.347	ng	100
73) Carbazole	17.295	167	4630289	44.202	ng	99
74) Di-n-butylphthalate	17.895	149	5549248	45.912	ng	99
75) Fluoranthene	19.007	202	5661043	44.159	ng	98
77) Benzidine	19.219	184	2442060	33.827	ng	99
78) Pyrene	19.383	202	5867543	46.278	ng	99
80) Butylbenzylphthalate	20.372	149	2559513	44.596	ng	96
81) Benzo(a)anthracene	21.272	228	5842058	44.988	ng	99
82) 3,3'-Dichlorobenzidine	21.213	252	1801677	33.471	ng	99
83) Chrysene	21.336	228	5462560	45.063	ng	99
84) Bis(2-ethylhexyl)phtha...	21.242	149	3791191	46.197	ng	99
85) Di-n-octyl phthalate	22.448	149	6475967	45.698	ng	99
87) Indeno(1,2,3-cd)pyrene	27.901	276	7926770m	46.797	ng	
88) Benzo(b)fluoranthene	23.424	252	6219256	46.875	ng	99
89) Benzo(k)fluoranthene	23.489	252	6149817	46.951	ng	100
90) Benzo(a)pyrene	24.248	252	6010490	46.431	ng	100
91) Dibenzo(a,h)anthracene	27.977	278	6570740	47.548	ng	99
92) Benzo(g,h,i)perylene	28.954	276	6415982	47.243	ng	99

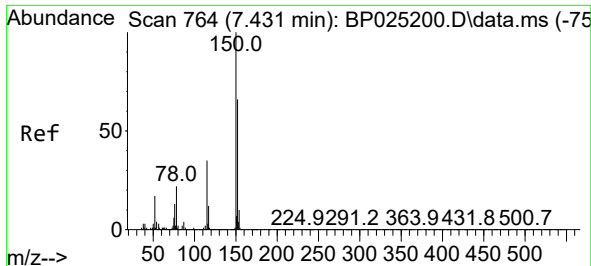
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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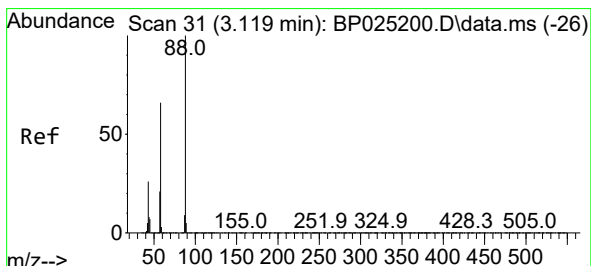
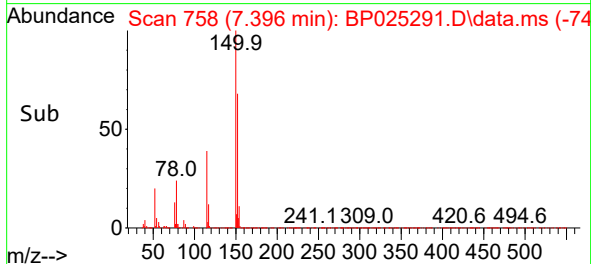
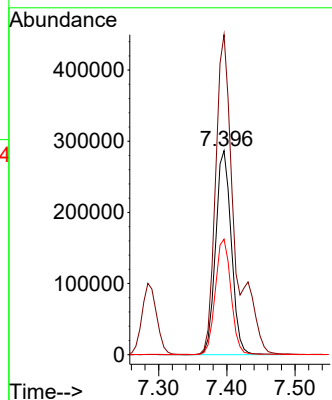
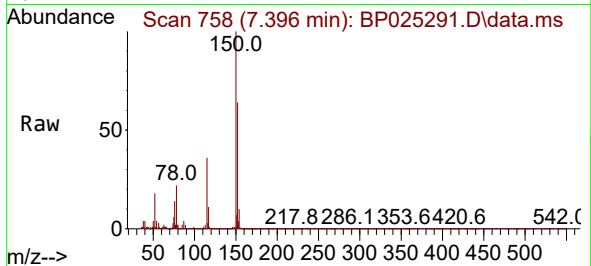




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.396 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP025291.D
 Acq: 01 Aug 2025 12:54

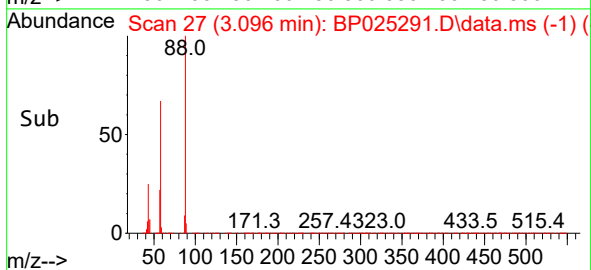
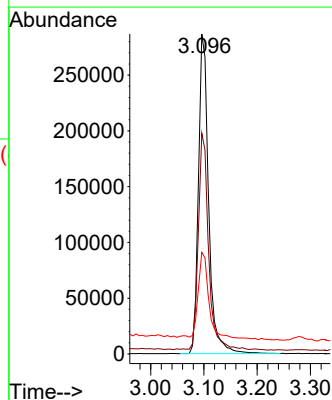
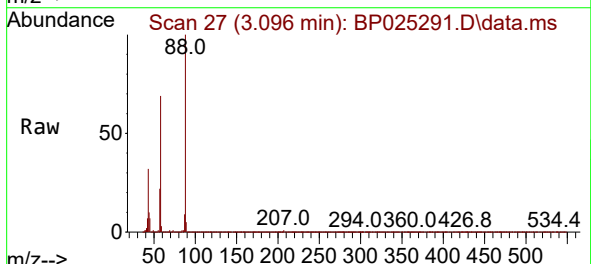
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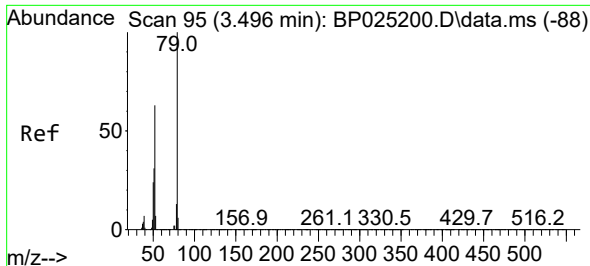
Tgt Ion:152 Resp: 458531
 Ion Ratio Lower Upper
 152 100
 150 156.9 121.9 182.9
 115 56.7 43.0 64.6



#2
 1,4-Dioxane
 Concen: 37.528 ng
 RT: 3.096 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BP025291.D
 Acq: 01 Aug 2025 12:54

Tgt Ion: 88 Resp: 381694
 Ion Ratio Lower Upper
 88 100
 58 67.6 53.5 80.3
 43 29.8 20.8 31.2

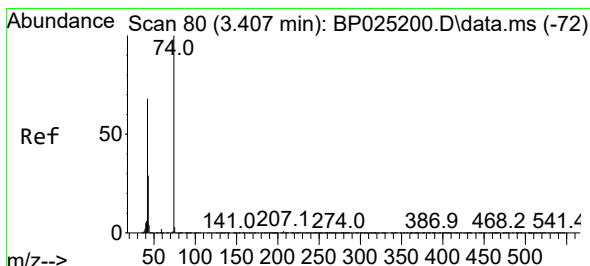
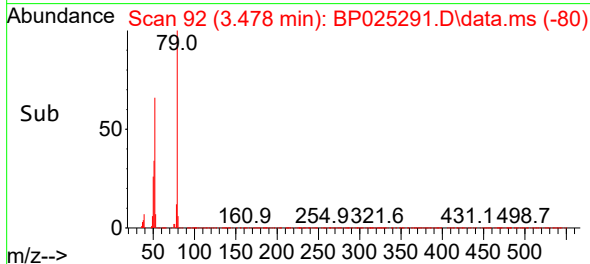
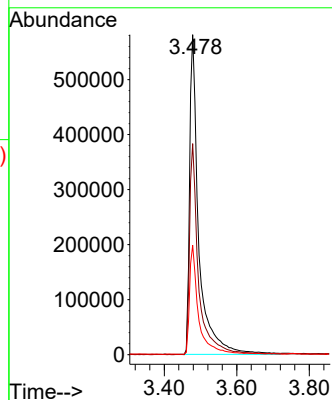
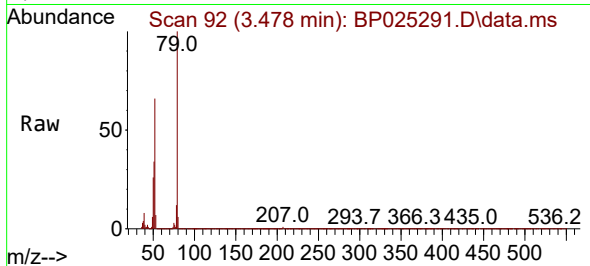




#3
Pyridine
Concen: 37.670 ng
RT: 3.478 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

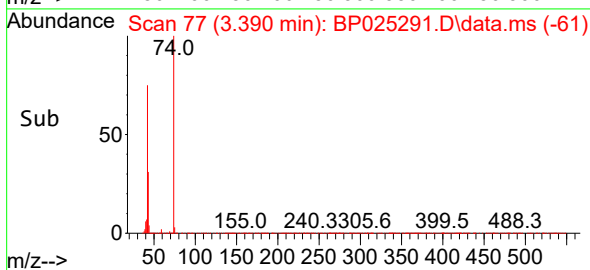
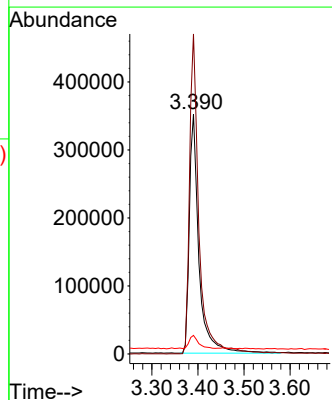
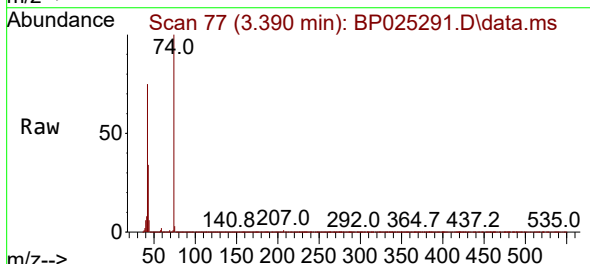
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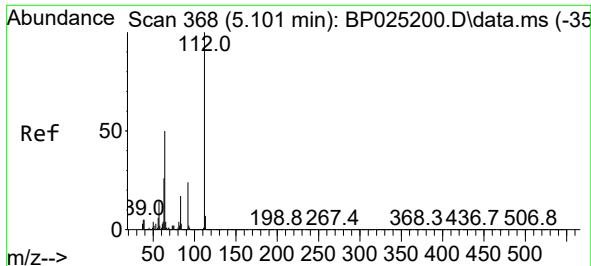
Tgt Ion: 79 Resp: 1025612
Ion Ratio Lower Upper
79 100
52 66.0 50.2 75.4
51 34.2 25.0 37.4



#4
n-Nitrosodimethylamine
Concen: 47.015 ng
RT: 3.390 min Scan# 77
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion: 42 Resp: 507630
Ion Ratio Lower Upper
42 100
74 133.5 118.0 177.0
44 7.8 5.5 8.3

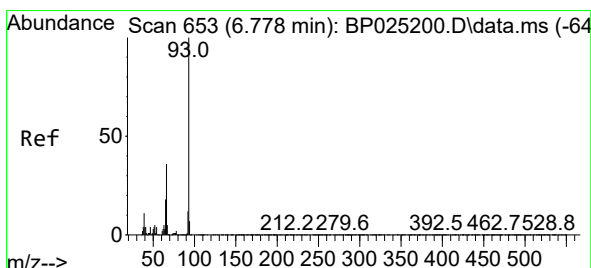
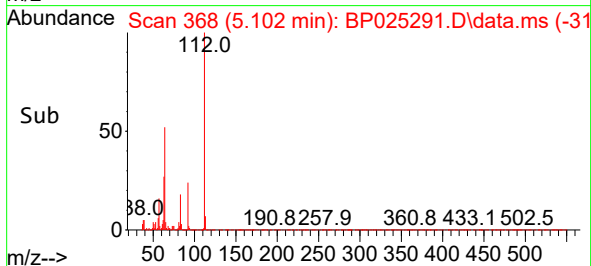
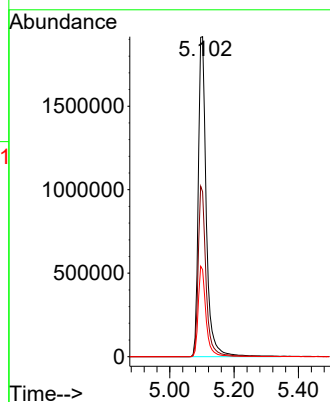
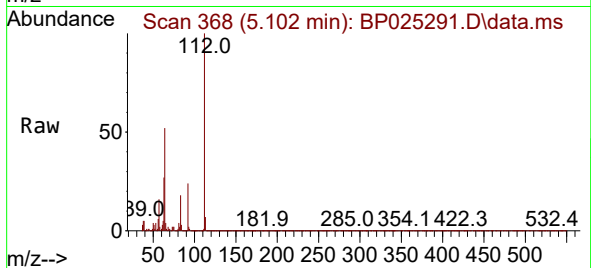




#5
2-Fluorophenol
Concen: 121.214 ng
RT: 5.102 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP025291.D
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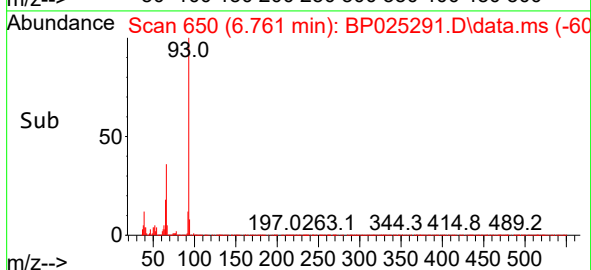
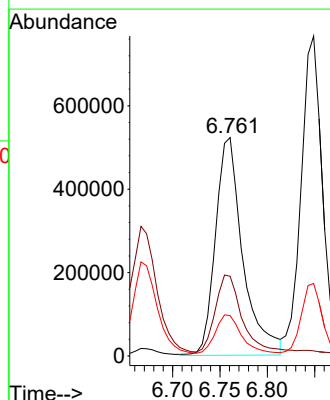
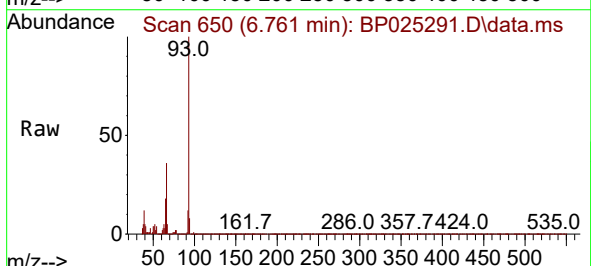
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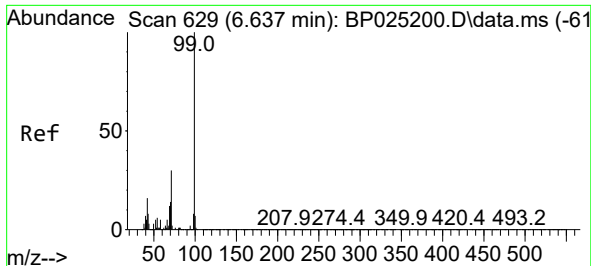
Tgt Ion:112 Resp: 3289480
Ion Ratio Lower Upper
112 100
64 51.5 39.8 59.6
63 27.2 20.5 30.7



#6
Aniline
Concen: 23.948 ng
RT: 6.761 min Scan# 650
Delta R.T. -0.012 min
Lab File: BP025291.D
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Tgt Ion: 93 Resp: 1052161
Ion Ratio Lower Upper
93 100
66 36.4 28.6 43.0
65 18.5 14.6 21.8

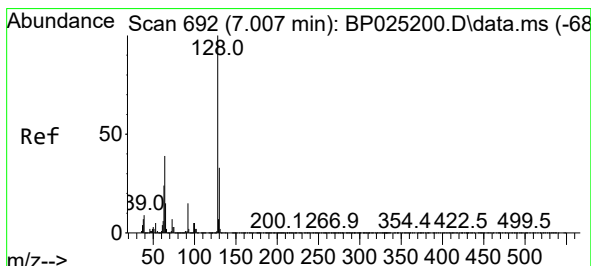
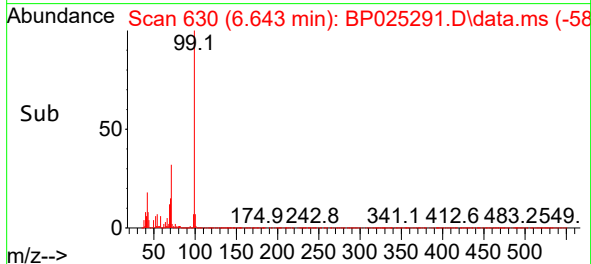
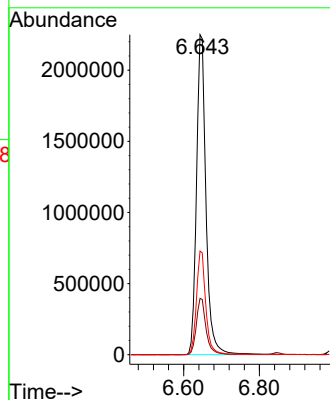
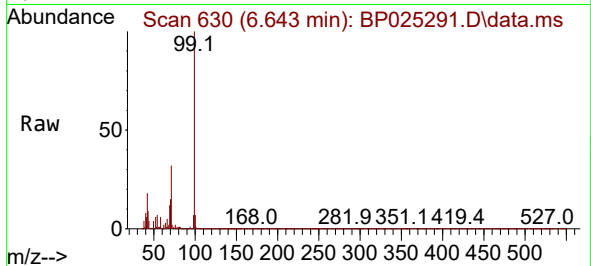




#7
Phenol-d6
Concen: 117.079 ng
RT: 6.643 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025291.D
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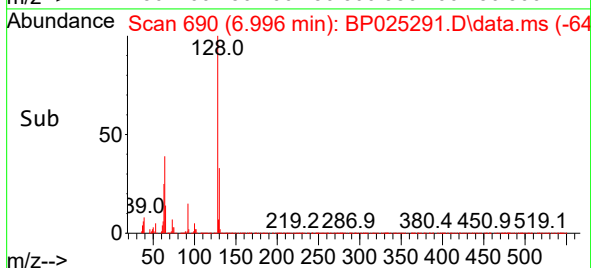
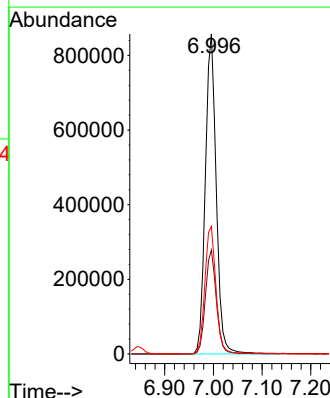
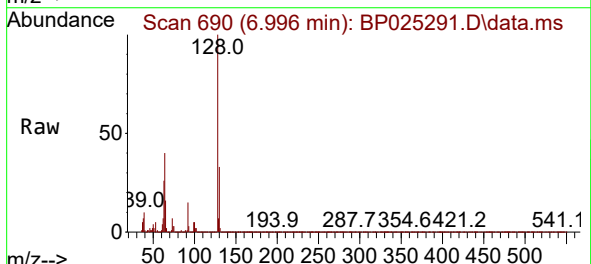
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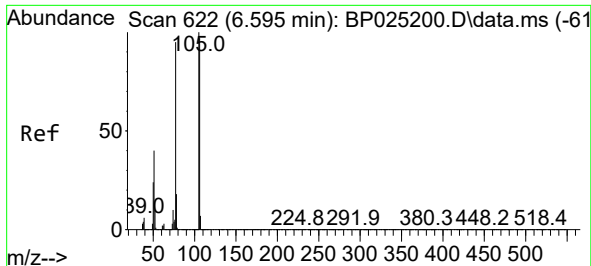
Tgt Ion: 99 Resp: 3935157
Ion Ratio Lower Upper
99 100
42 17.6 12.5 18.7
71 32.4 24.2 36.2



#8
2-Chlorophenol
Concen: 43.275 ng
RT: 6.996 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion: 128 Resp: 1332487
Ion Ratio Lower Upper
128 100
130 32.5 12.9 52.9
64 39.9 19.2 59.2

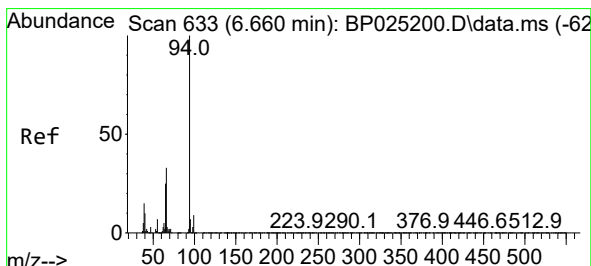
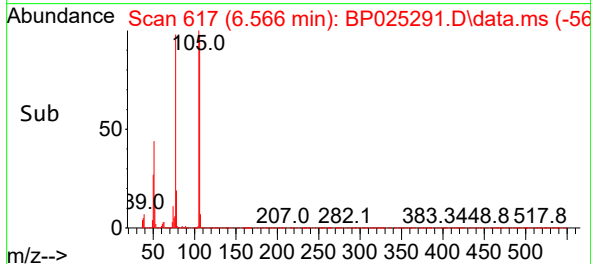
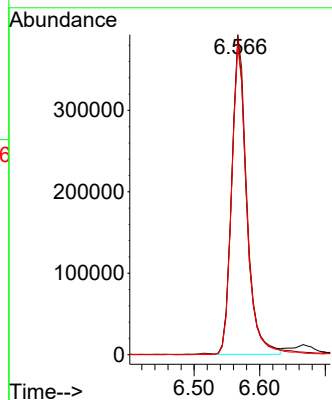
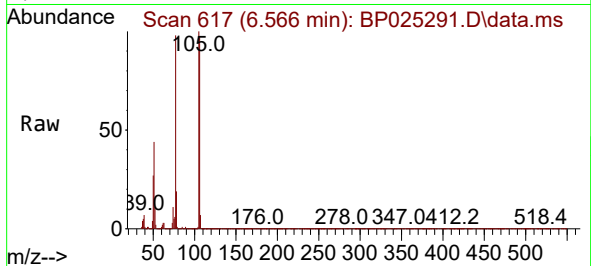




#9
Benzaldehyde
Concen: 26.832 ng
RT: 6.566 min Scan# 61
Delta R.T. -0.012 min
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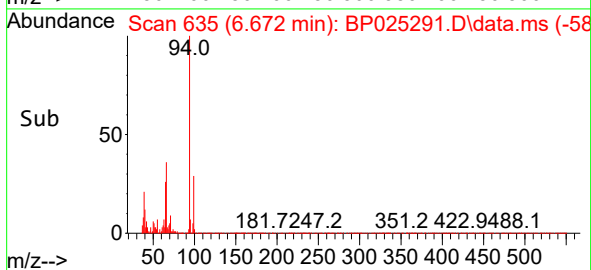
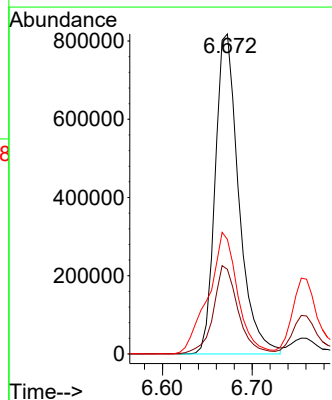
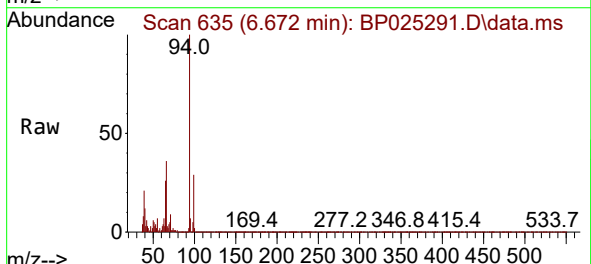
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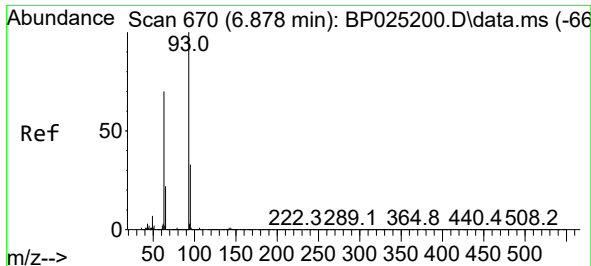
Tgt Ion: 77 Resp: 611470
Ion Ratio Lower Upper
77 100
105 101.8 85.5 125.5
106 98.5 81.9 121.9



#10
Phenol
Concen: 42.885 ng
RT: 6.672 min Scan# 635
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion: 94 Resp: 1494859
Ion Ratio Lower Upper
94 100
65 26.4 5.4 45.4
66 35.8 13.5 53.5

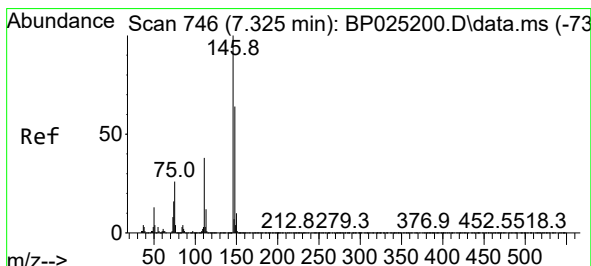
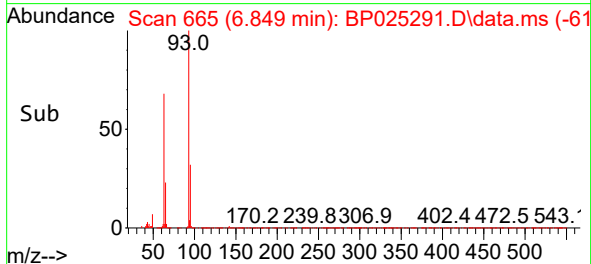
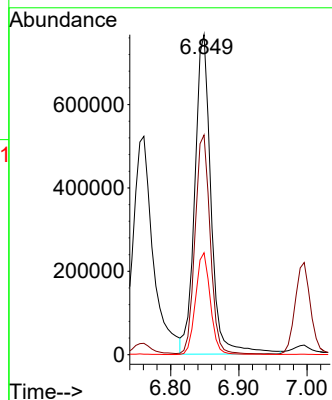
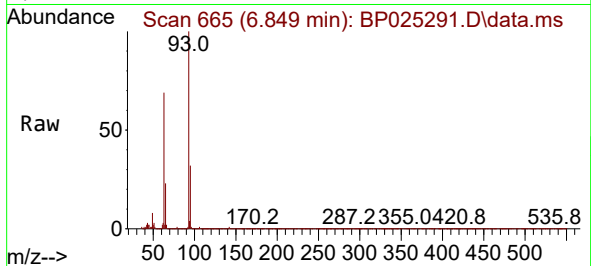




#11
bis(2-Chloroethyl)ether
Concen: 47.107 ng
RT: 6.849 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

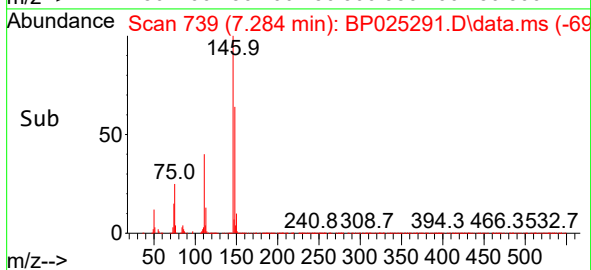
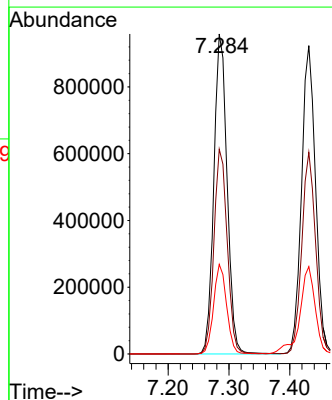
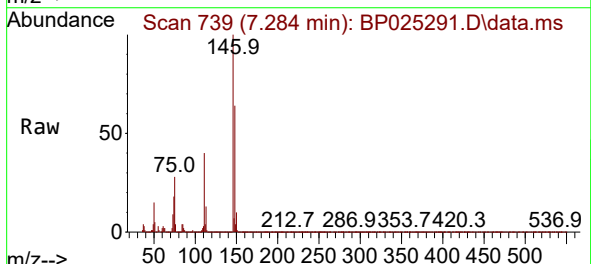
Instrument :
BNA_P
ClientSampleId :
PB169072BS

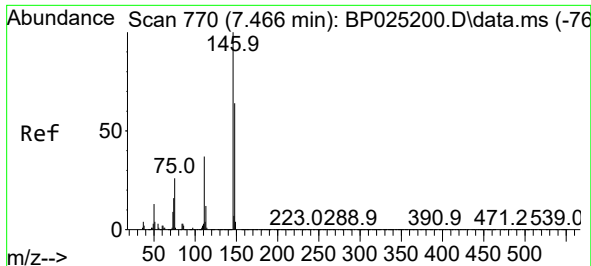
Tgt Ion: 93 Resp: 1258877
Ion Ratio Lower Upper
93 100
63 68.7 50.0 90.0
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.830 ng
RT: 7.284 min Scan# 739
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:146 Resp: 1448432
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
75 28.0 20.6 31.0

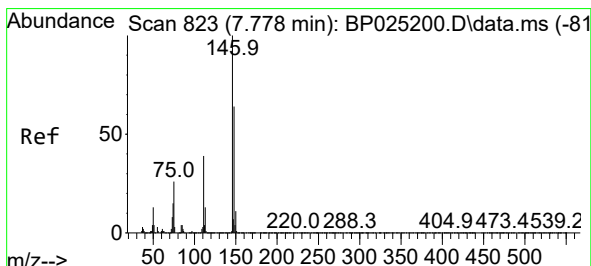
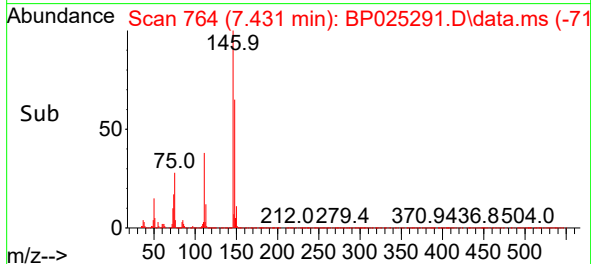
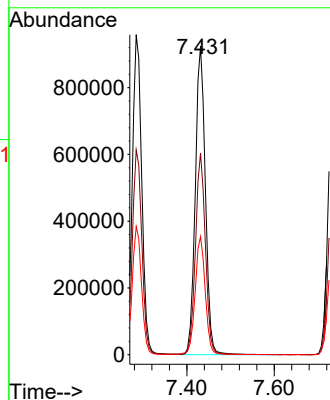
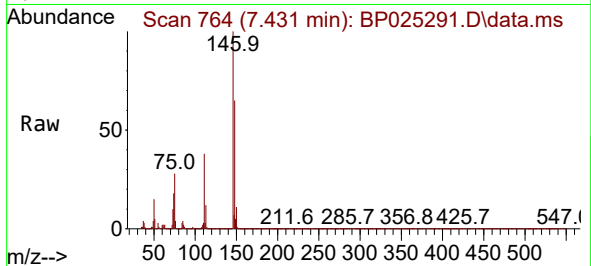




#13
1,4-Dichlorobenzene
Concen: 42.442 ng
RT: 7.431 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

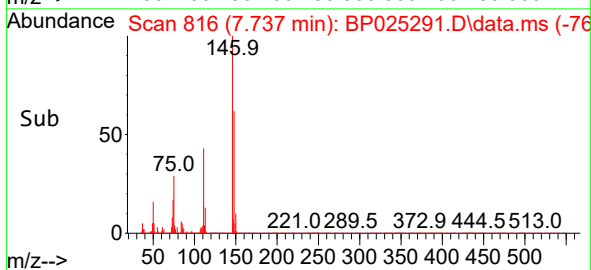
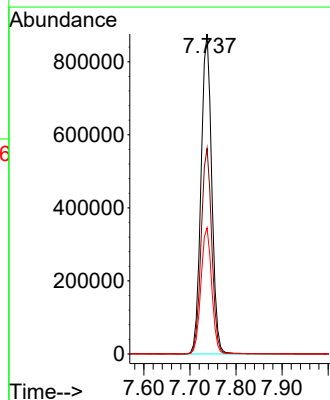
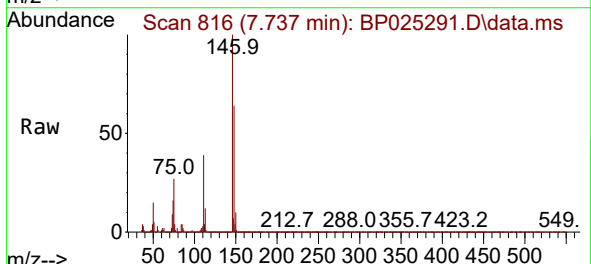
Instrument :
BNA_P
ClientSampleId :
PB169072BS

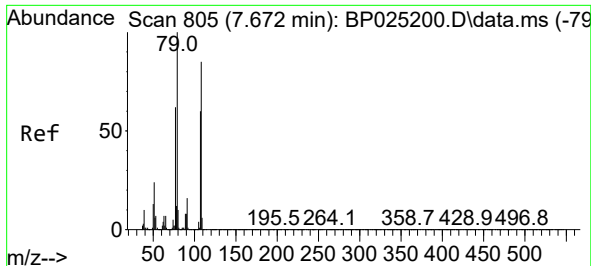
Tgt Ion:146 Resp: 1483442
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
111 38.3 29.9 44.9



#14
1,2-Dichlorobenzene
Concen: 42.066 ng
RT: 7.737 min Scan# 816
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:146 Resp: 1414411
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 39.4 31.3 46.9

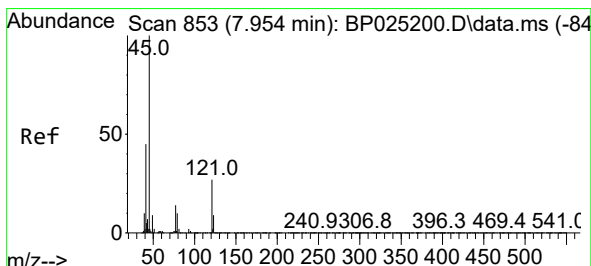
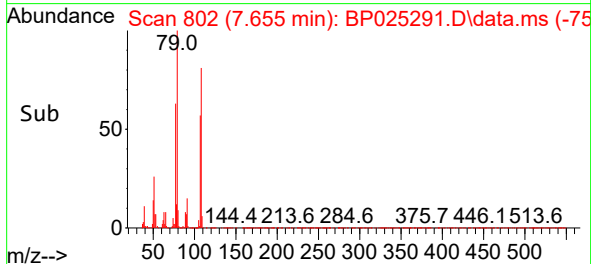
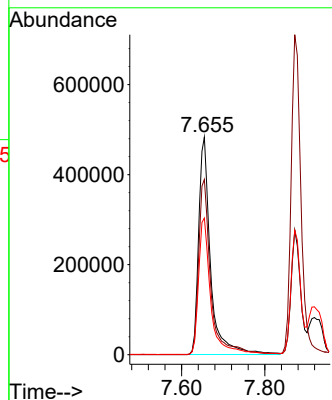
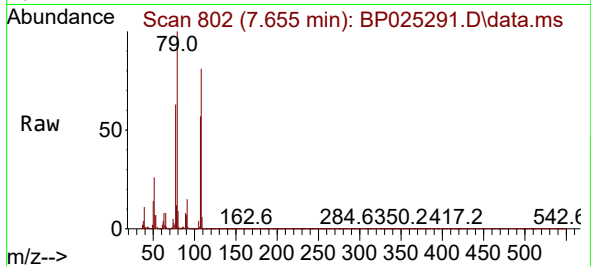




#15
Benzyl Alcohol
Concen: 39.912 ng
RT: 7.655 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

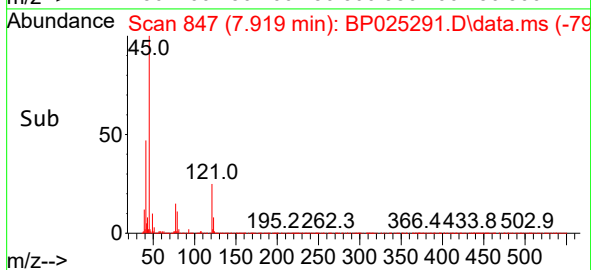
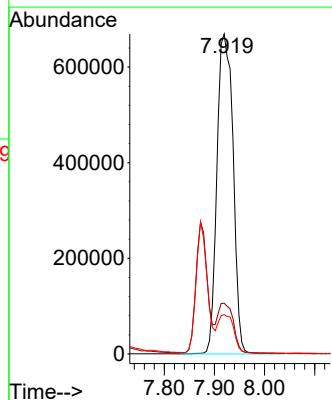
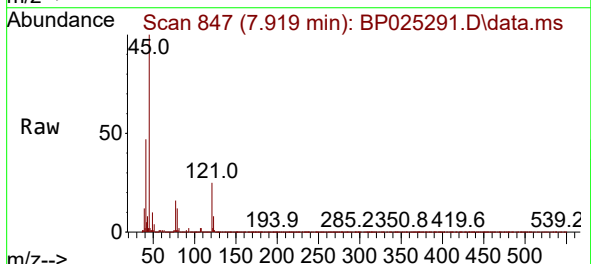
Instrument :
BNA_P
ClientSampleId :
PB169072BS

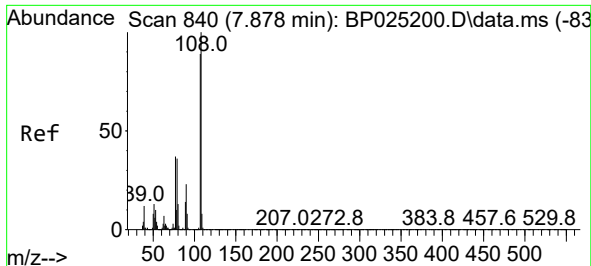
Tgt Ion: 79 Resp: 967648
Ion Ratio Lower Upper
79 100
108 80.5 67.8 101.6
77 62.8 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.614 ng
RT: 7.919 min Scan# 847
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion: 45 Resp: 1491294
Ion Ratio Lower Upper
45 100
77 15.9 0.0 36.0
79 12.3 0.0 31.7



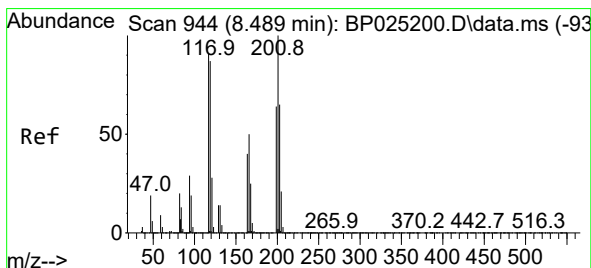
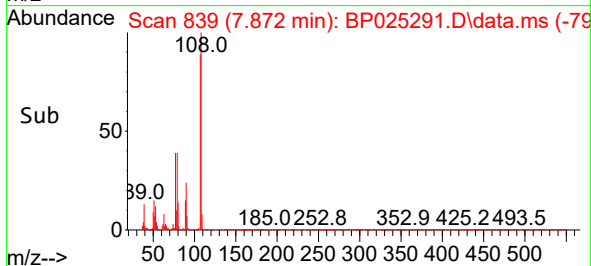
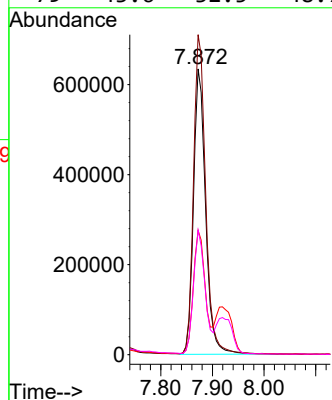
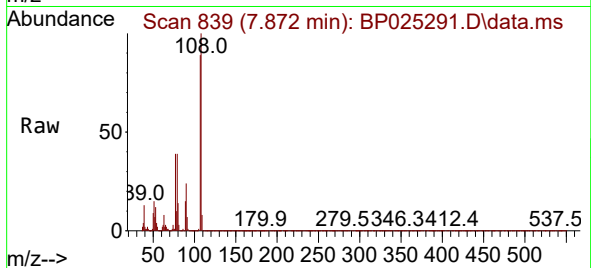


#17
2-Methylphenol
Concen: 42.587 ng
RT: 7.872 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169072BS

Tgt Ion:107 Resp: 1029154

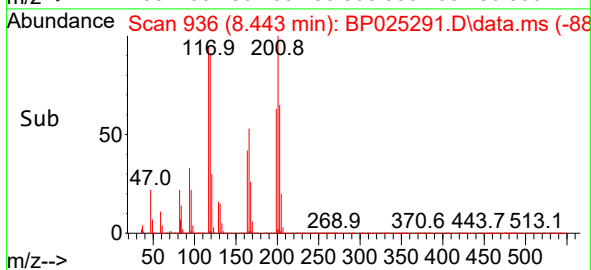
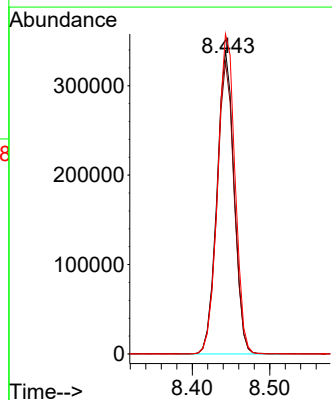
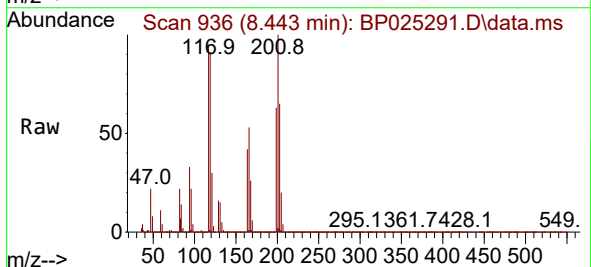
Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.8	134.8
77	43.5	33.2	49.8
79	43.6	32.5	48.7

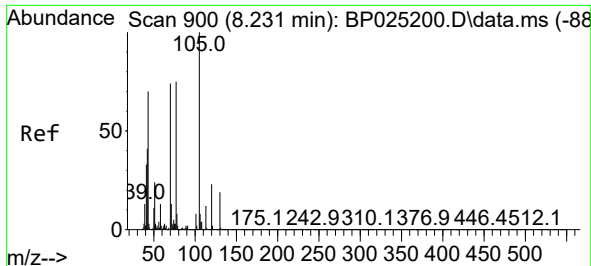


#18
Hexachloroethane
Concen: 43.260 ng
RT: 8.443 min Scan# 936
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:117 Resp: 519975

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.6
201	105.4	88.3	132.5

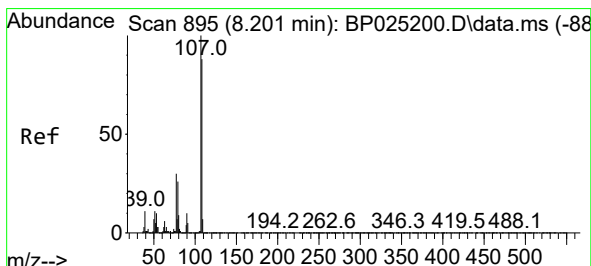
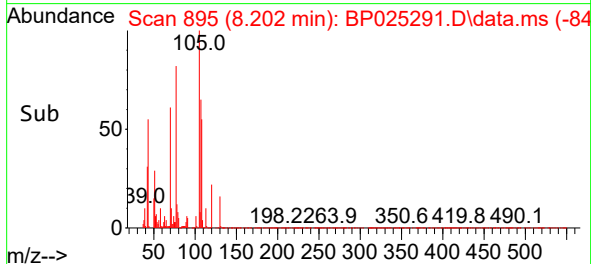
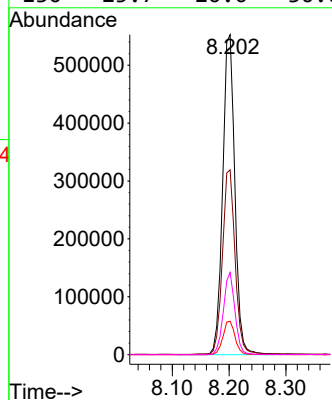
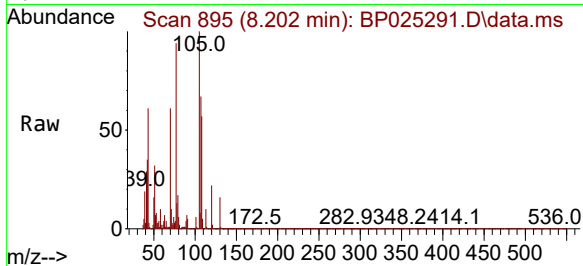




#19
n-Nitroso-di-n-propylamine
Concen: 40.866 ng
RT: 8.202 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

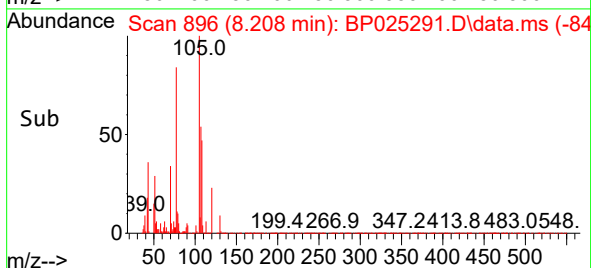
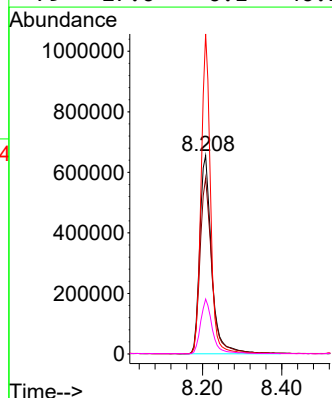
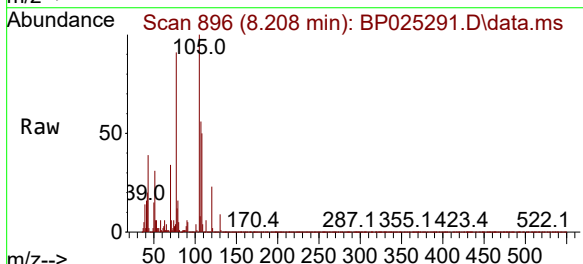
Instrument :
BNA_P
ClientSampleId :
PB169072BS

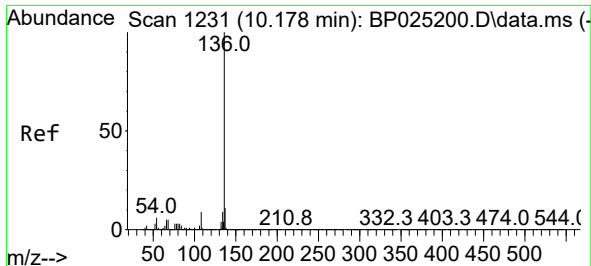
Tgt Ion: 70 Resp: 826317
Ion Ratio Lower Upper
70 100
42 57.7 44.2 66.2
101 10.4 8.6 12.8
130 25.7 20.0 30.0



#20
3+4-Methylphenols
Concen: 41.491 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.000 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion: 107 Resp: 1367711
Ion Ratio Lower Upper
107 100
108 88.7 67.8 107.8
77 161.2 10.3 50.3#
79 27.6 6.1 46.1

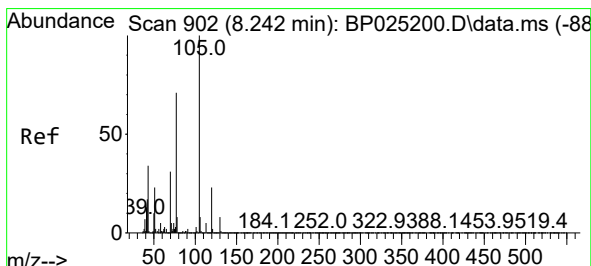
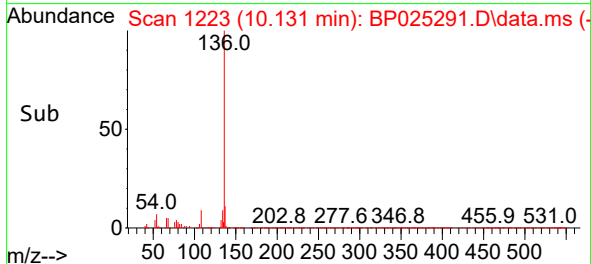
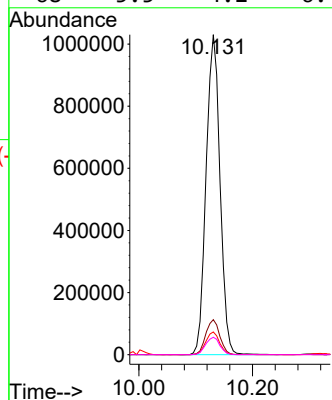
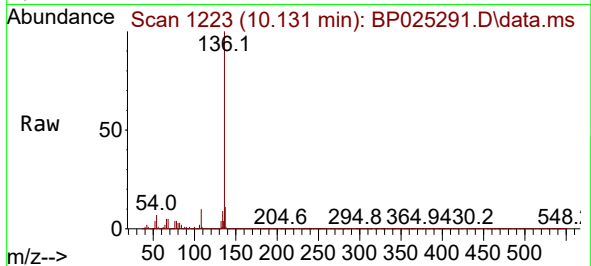




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

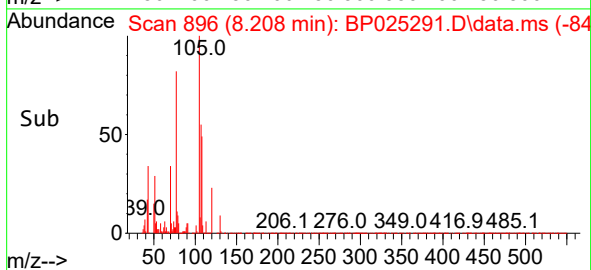
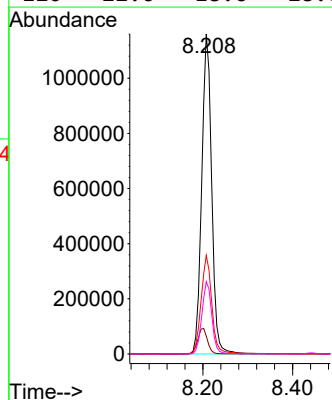
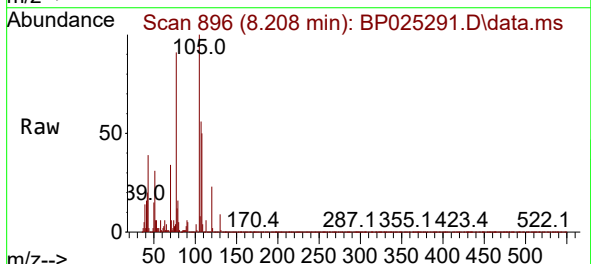
Instrument :
BNA_P
ClientSampleId :
PB169072BS

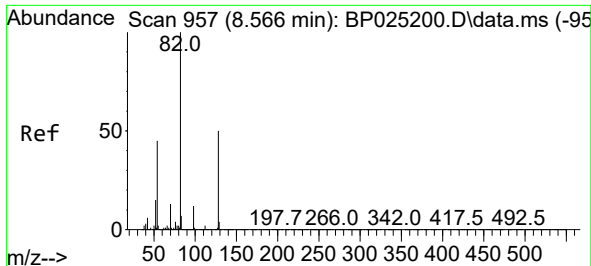
Tgt Ion:136 Resp: 1743434
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.1 5.1 7.7
68 5.5 4.2 6.4



#22
Acetophenone
Concen: 44.033 ng
RT: 8.208 min Scan# 896
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:105 Resp: 1786358
Ion Ratio Lower Upper
105 100
71 5.6 4.1 6.1
51 30.8 18.5 27.7#
120 22.6 18.6 28.0

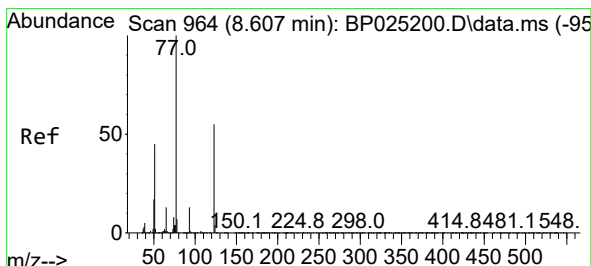
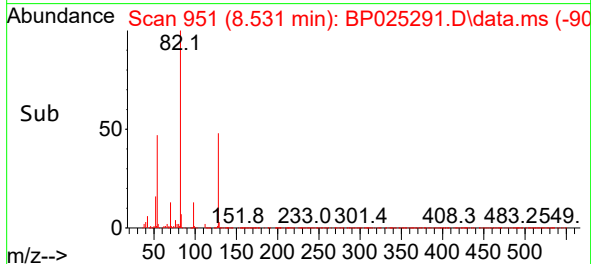
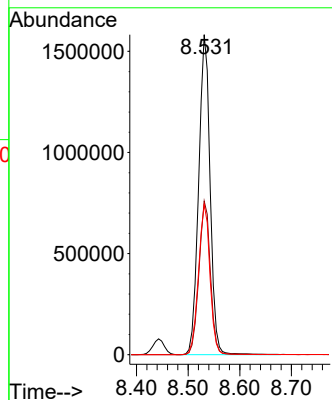
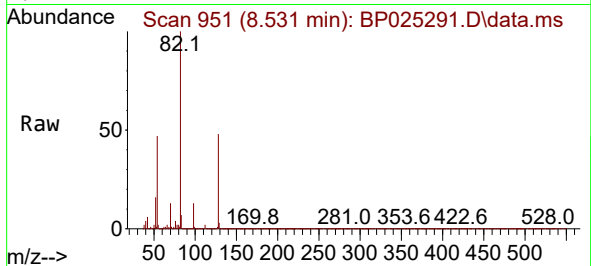




#23
Nitrobenzene-d5
Concen: 77.477 ng
RT: 8.531 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

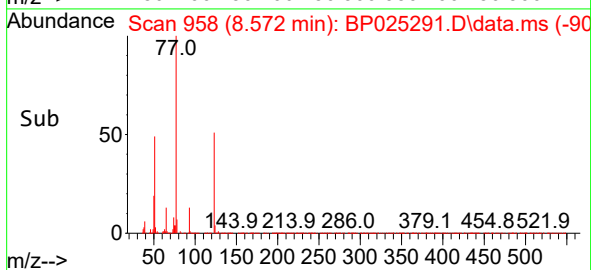
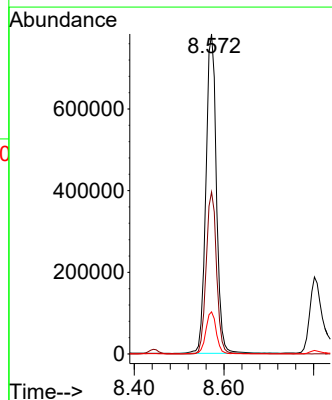
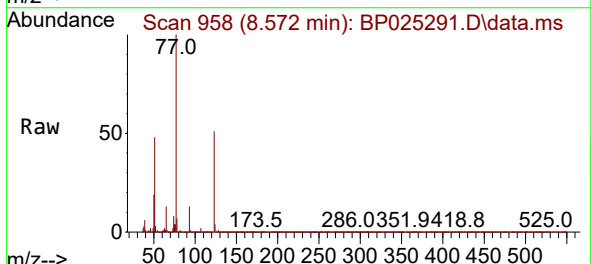
Instrument :
BNA_P
ClientSampleId :
PB169072BS

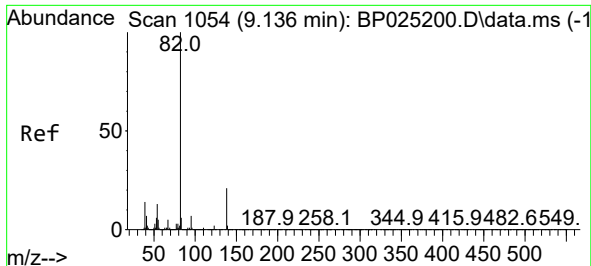
Tgt Ion: 82 Resp: 2430592
Ion Ratio Lower Upper
82 100
128 48.0 40.2 60.4
54 47.0 36.3 54.5



#24
Nitrobenzene
Concen: 45.342 ng
RT: 8.572 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion: 77 Resp: 1268021
Ion Ratio Lower Upper
77 100
123 50.6 43.6 65.4
65 13.1 10.2 15.2

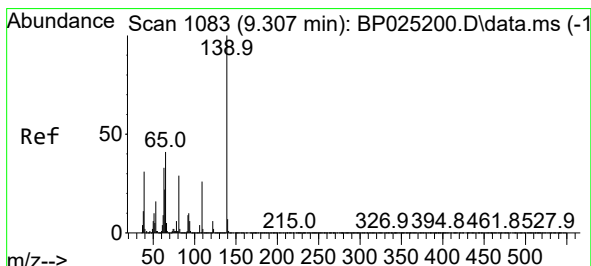
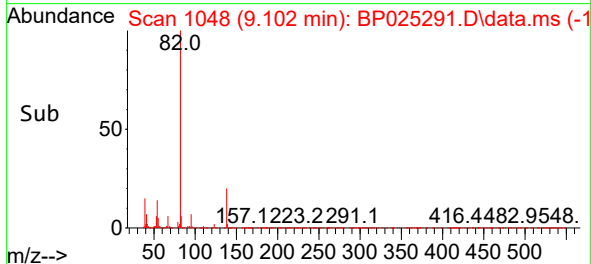
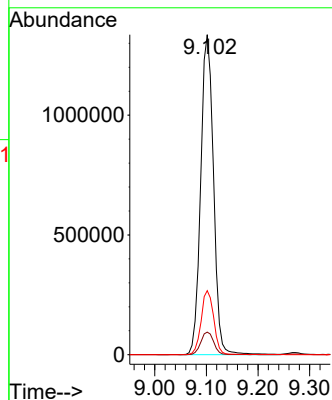
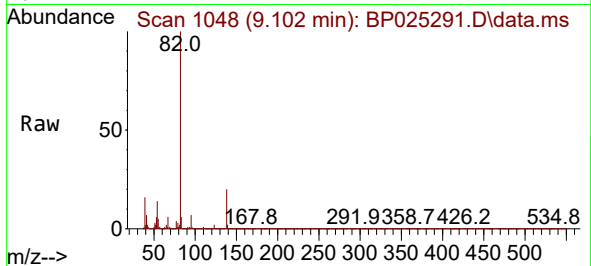




#25
Isophorone
Concen: 41.605 ng
RT: 9.102 min Scan# 1048
Delta R.T. -0.018 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

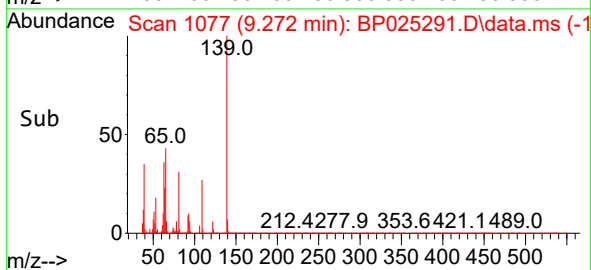
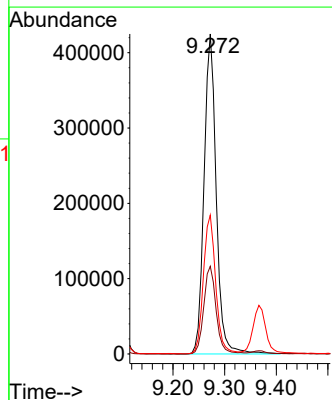
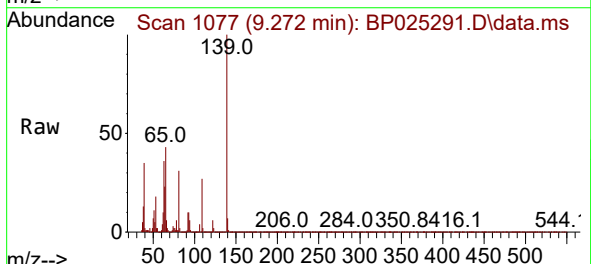
Instrument :
BNA_P
ClientSampleId :
PB169072BS

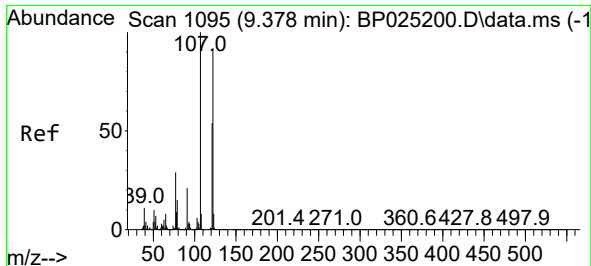
Tgt Ion: 82 Resp: 2295264
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 20.0 16.6 25.0



#26
2-Nitrophenol
Concen: 43.299 ng
RT: 9.272 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion: 139 Resp: 695351
Ion Ratio Lower Upper
139 100
109 27.4 21.0 31.6
65 43.4 32.7 49.1

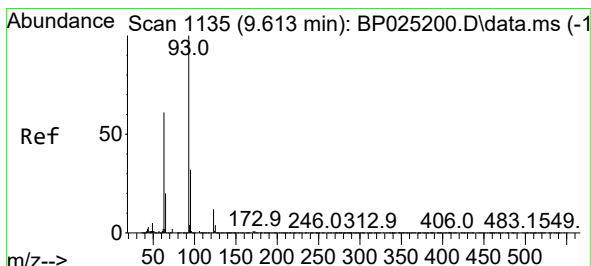
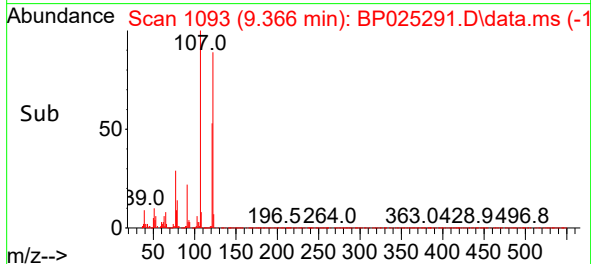
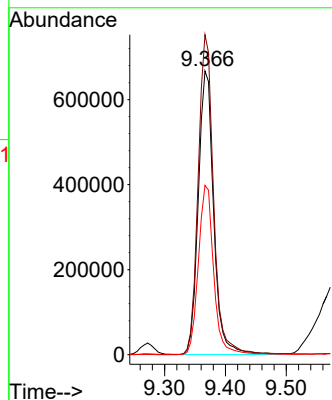
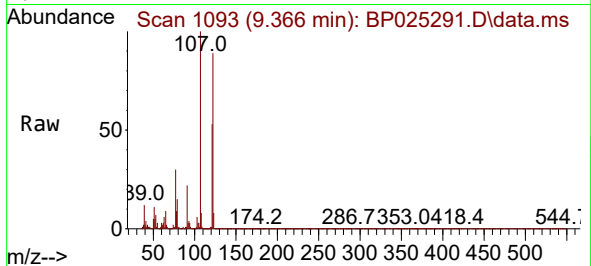




#27
2,4-Dimethylphenol
Concen: 43.498 ng
RT: 9.366 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

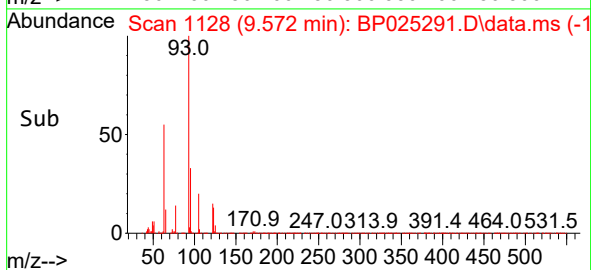
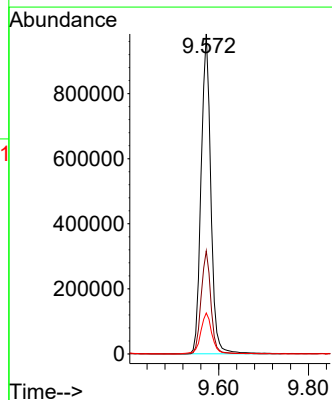
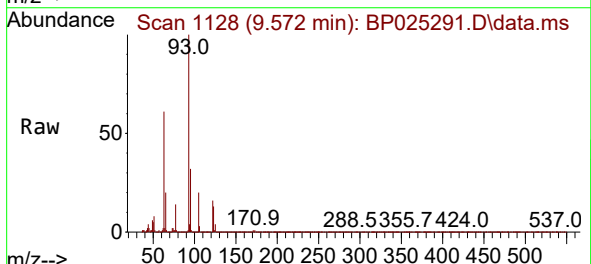
Instrument :
BNA_P
ClientSampleId :
PB169072BS

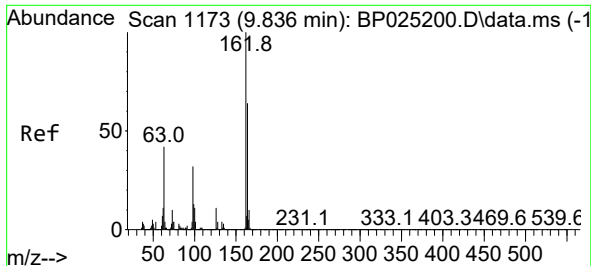
Tgt Ion:122 Resp: 1168894
Ion Ratio Lower Upper
122 100
107 112.8 87.0 130.4
121 59.7 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.784 ng
RT: 9.572 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion: 93 Resp: 1476364
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 12.8 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 43.767 ng

RT: 9.843 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

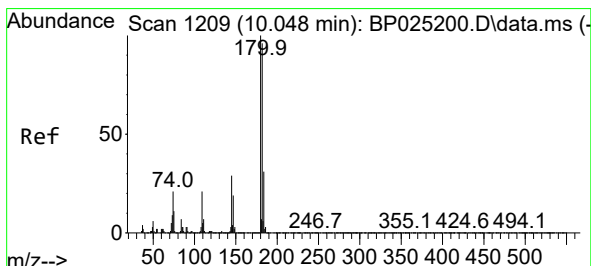
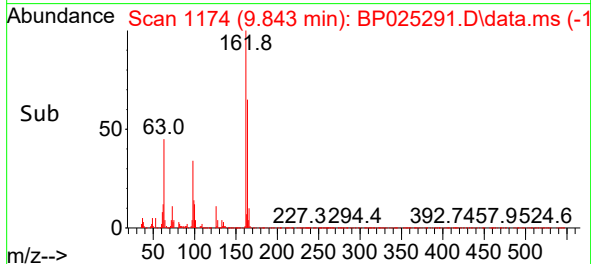
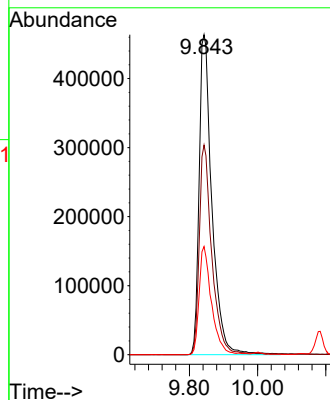
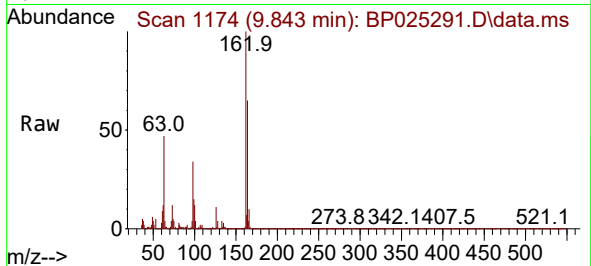
Tgt Ion:162 Resp: 1208278

Ion Ratio Lower Upper

162 100

164 65.5 44.2 84.2

98 33.8 11.7 51.7



#30

1,2,4-Trichlorobenzene

Concen: 42.600 ng

RT: 10.002 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

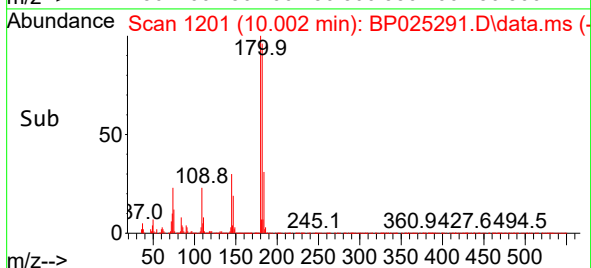
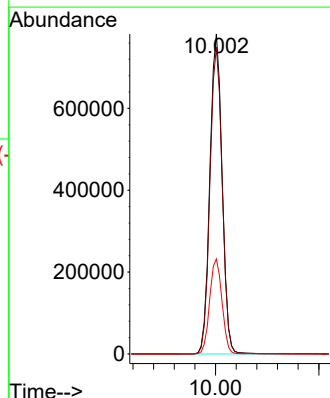
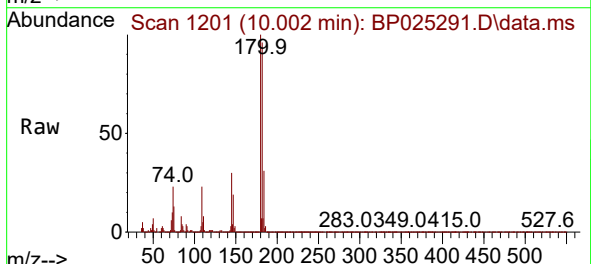
Tgt Ion:180 Resp: 1284545

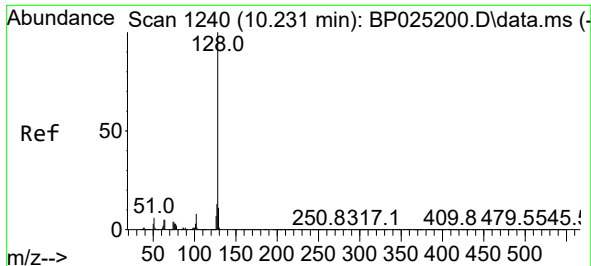
Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

145 29.7 23.5 35.3

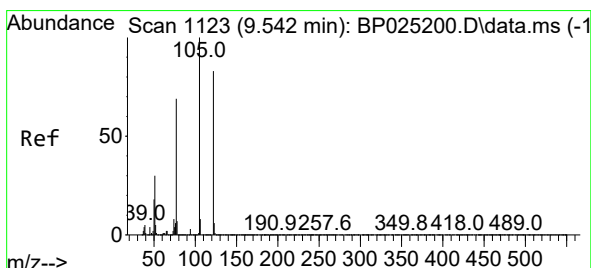
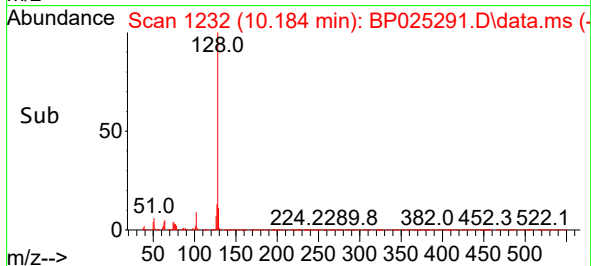
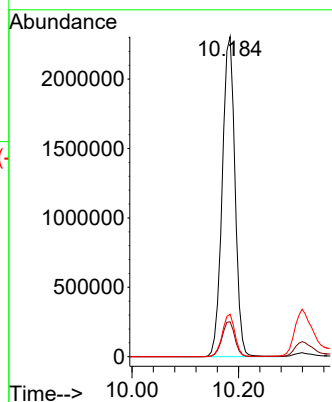
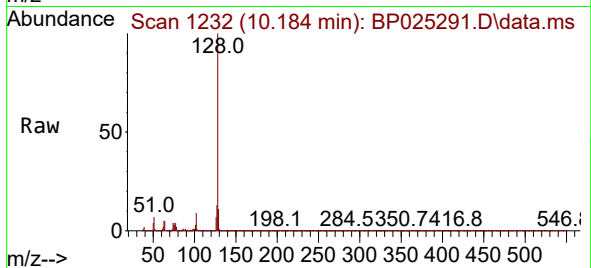




#31
Naphthalene
Concen: 42.881 ng
RT: 10.184 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

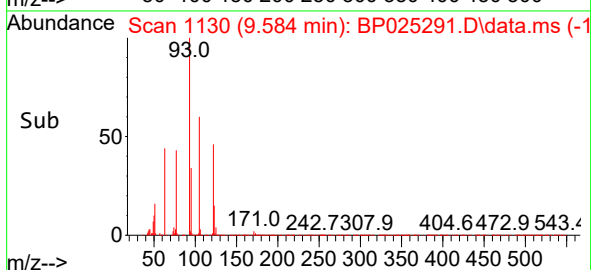
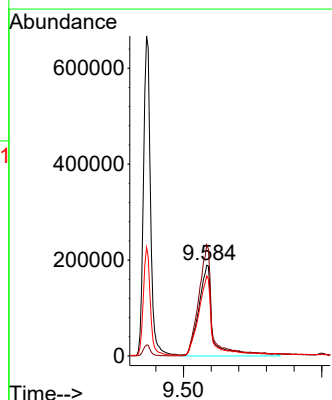
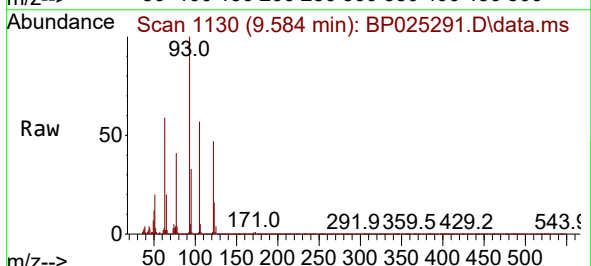
Instrument :
BNA_P
ClientSampleId :
PB169072BS

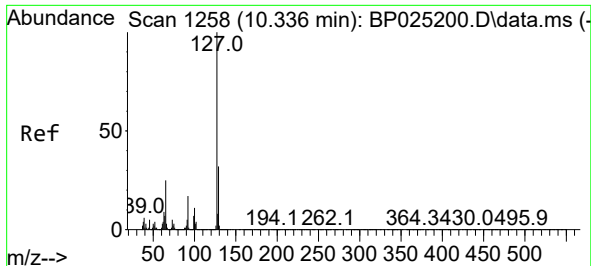
Tgt Ion:128 Resp: 3825602
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 32.896 ng m
RT: 9.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:122 Resp: 674862
Ion Ratio Lower Upper
122 100
105 122.6 98.1 138.1
77 88.2 62.7 102.7



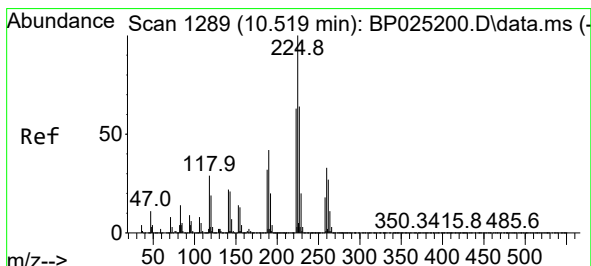
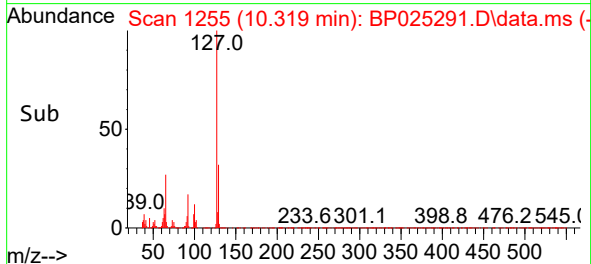
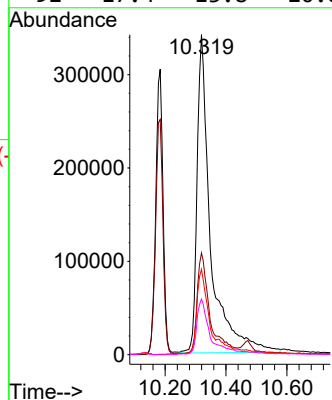
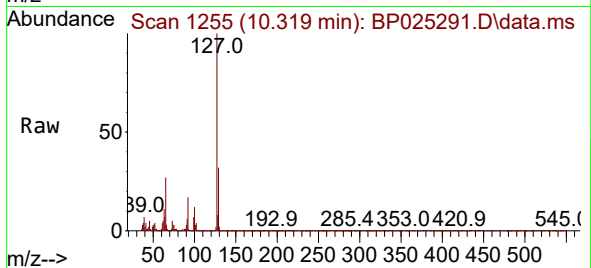


#33
4-Chloroaniline
Concen: 27.049 ng
RT: 10.319 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169072BS

Tgt Ion:127 Resp: 1060762

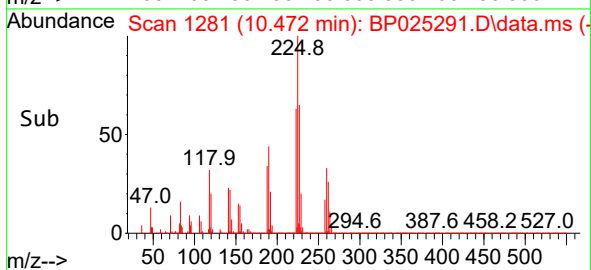
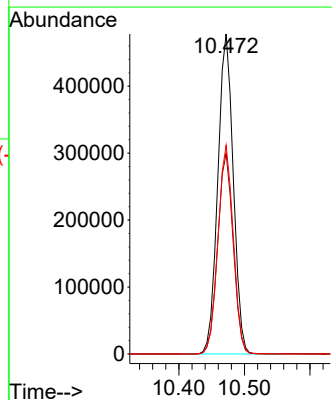
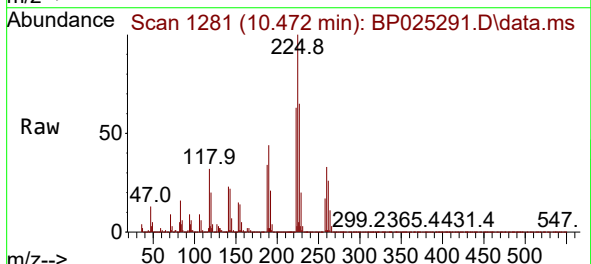
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	26.6	20.2	30.4
92	17.4	13.8	20.8

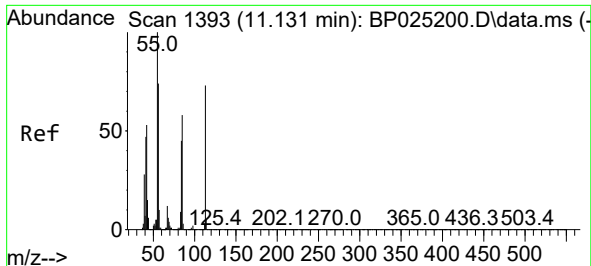


#34
Hexachlorobutadiene
Concen: 42.951 ng
RT: 10.472 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:225 Resp: 779515

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	65.2	51.4	77.0

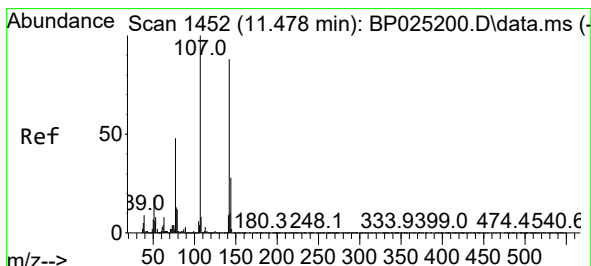
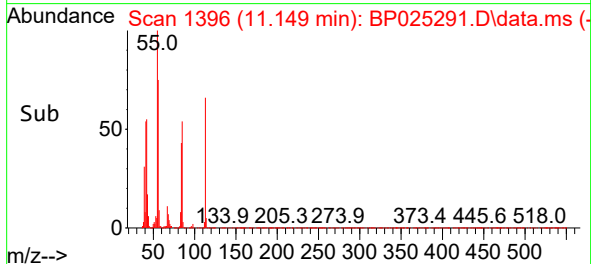
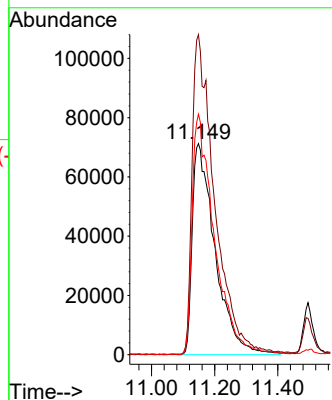
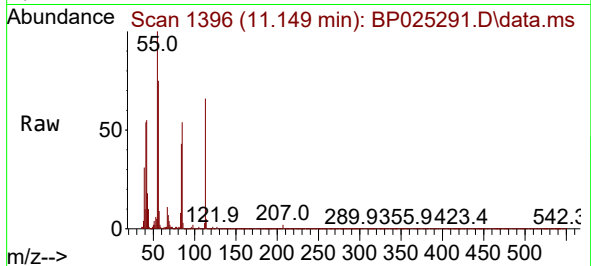




#35
Caprolactam
Concen: 38.919 ng
RT: 11.149 min Scan# 11
Delta R.T. -0.053 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

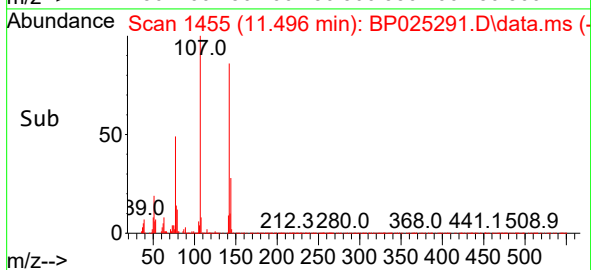
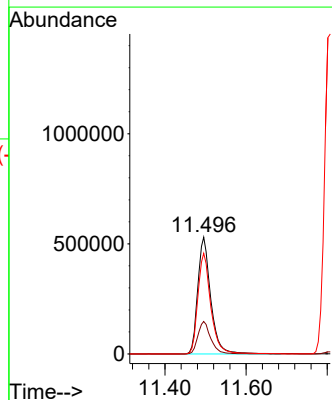
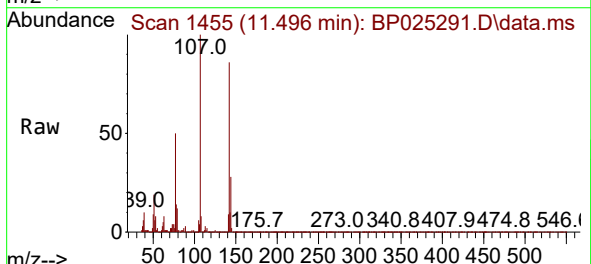
Instrument :
BNA_P
ClientSampleId :
PB169072BS

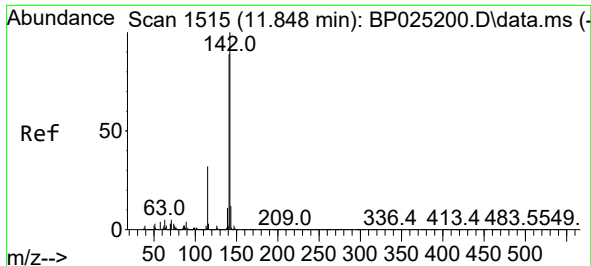
Tgt Ion:113 Resp: 356601
Ion Ratio Lower Upper
113 100
55 151.6 117.6 157.6
56 114.0 82.4 122.4



#36
4-Chloro-3-methylphenol
Concen: 42.771 ng
RT: 11.496 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:107 Resp: 1180347
Ion Ratio Lower Upper
107 100
144 27.8 22.5 33.7
142 86.2 70.6 105.8

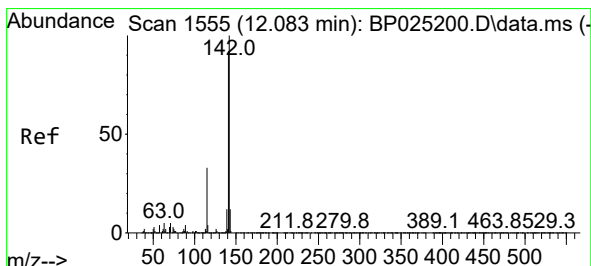
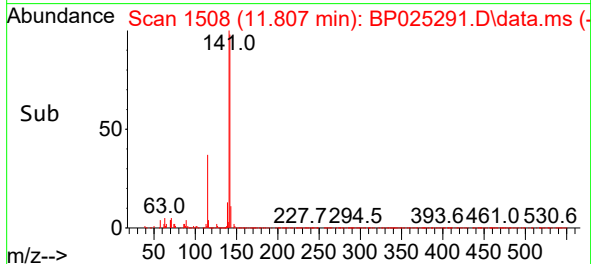
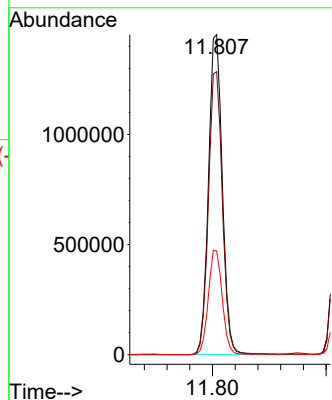
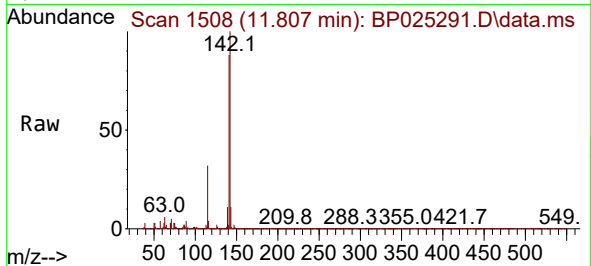




#37
2-Methylnaphthalene
Concen: 42.208 ng
RT: 11.807 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

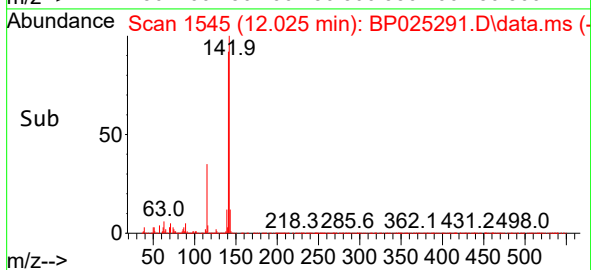
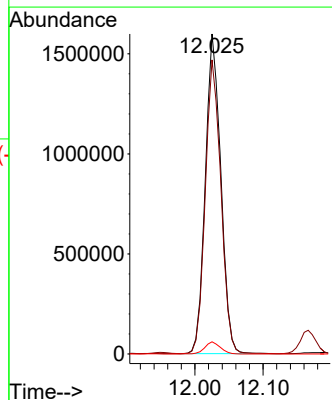
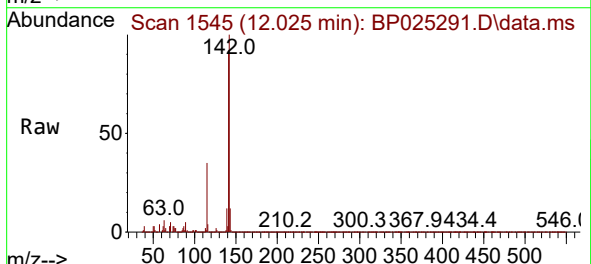
Instrument :
BNA_P
ClientSampleId :
PB169072BS

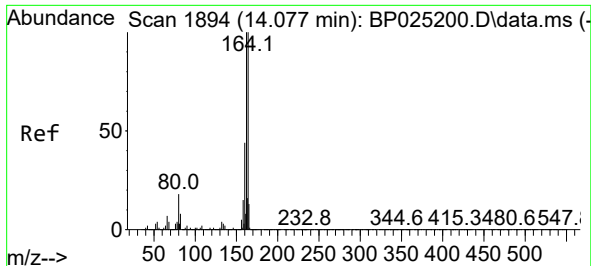
Tgt Ion:142 Resp: 2445127
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8
115 32.4 25.3 37.9



#38
1-Methylnaphthalene
Concen: 41.528 ng
RT: 12.025 min Scan# 1545
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:142 Resp: 2527052
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.8
116 3.8 2.8 4.2

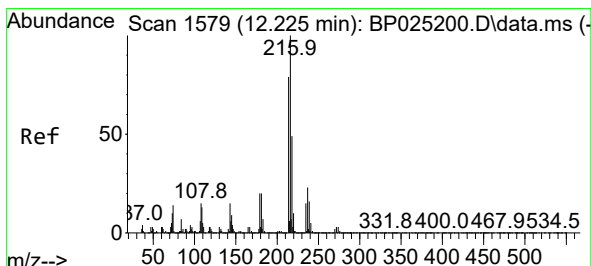
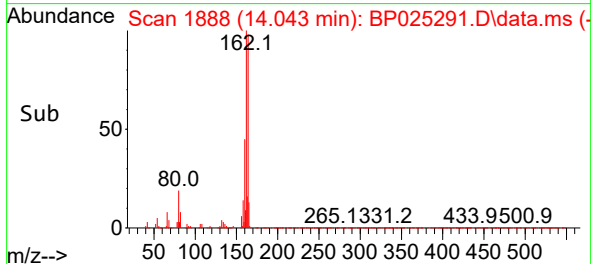
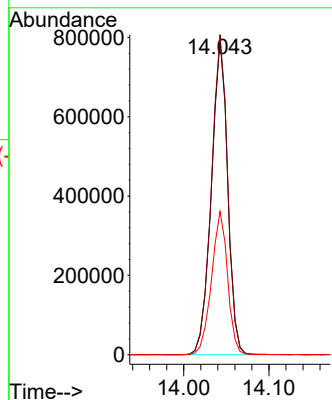
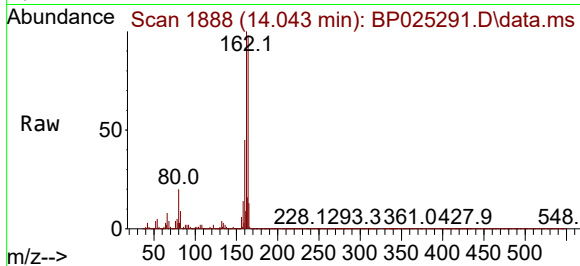




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.043 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

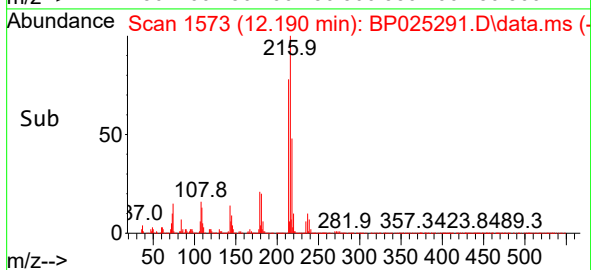
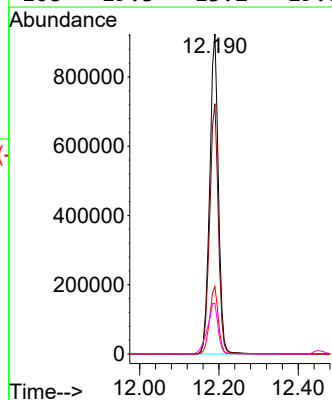
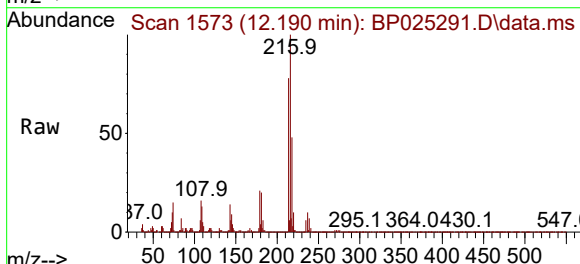
Instrument :
BNA_P
ClientSampleId :
PB169072BS

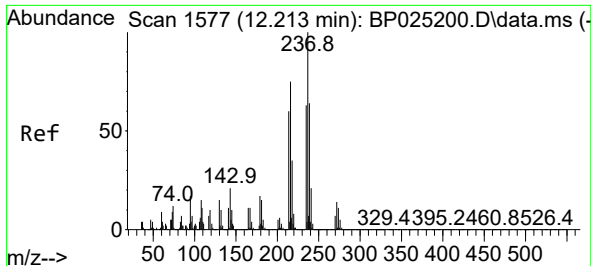
Tgt Ion:164 Resp: 1053281
Ion Ratio Lower Upper
164 100
162 101.7 80.3 120.5
160 45.5 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.600 ng
RT: 12.190 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:216 Resp: 1408102
Ion Ratio Lower Upper
216 100
214 78.7 62.7 94.1
179 21.0 16.2 24.4
108 19.3 13.2 19.8

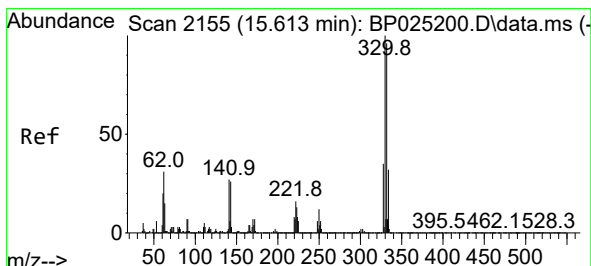
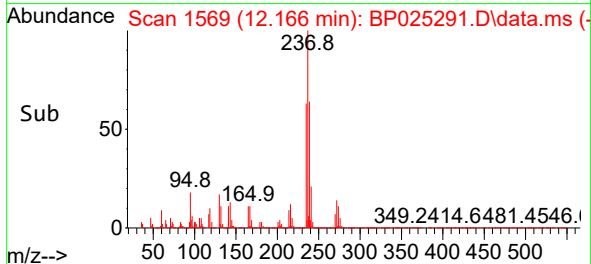
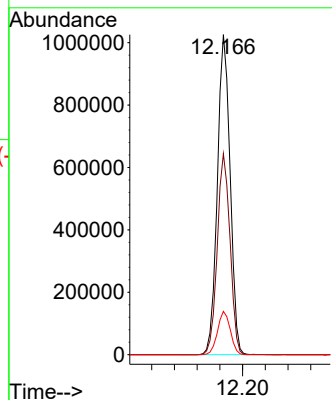
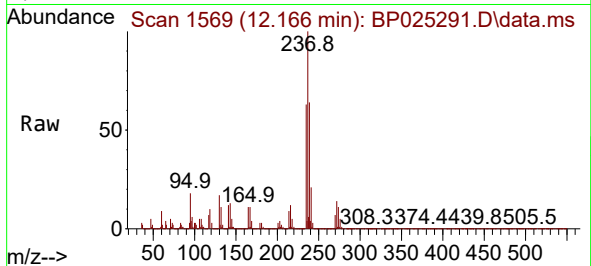




#41
Hexachlorocyclopentadiene
Concen: 84.553 ng
RT: 12.166 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

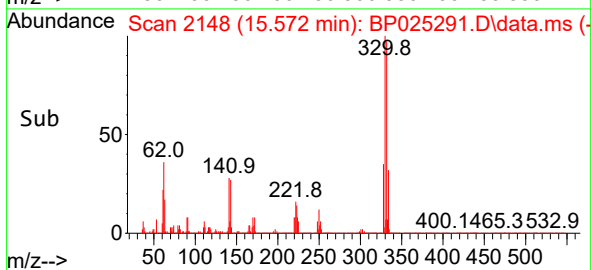
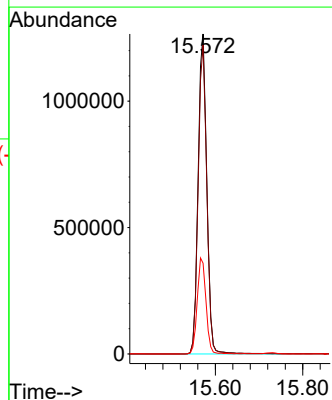
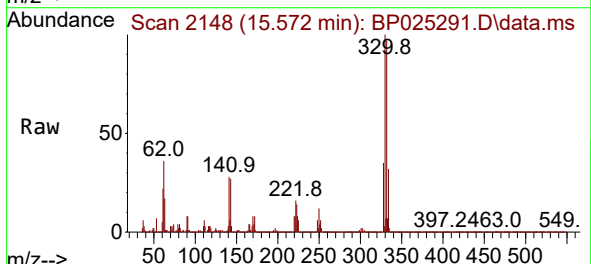
Instrument :
BNA_P
ClientSampleId :
PB169072BS

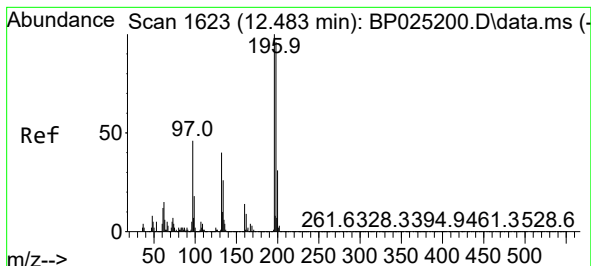
Tgt Ion:237 Resp: 1593543
Ion Ratio Lower Upper
237 100
235 62.8 42.7 82.7
272 13.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 112.632 ng
RT: 15.572 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:330 Resp: 1748915
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 30.2 22.4 33.6





#43

2,4,6-Trichlorophenol

Concen: 44.083 ng

RT: 12.454 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

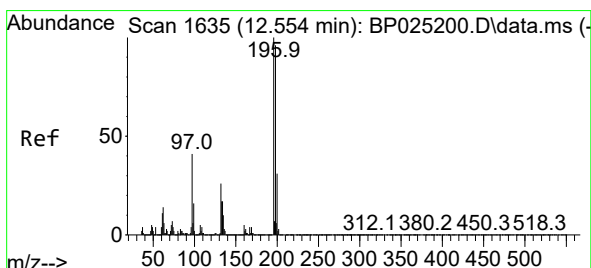
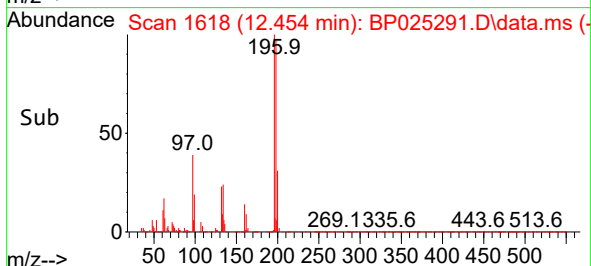
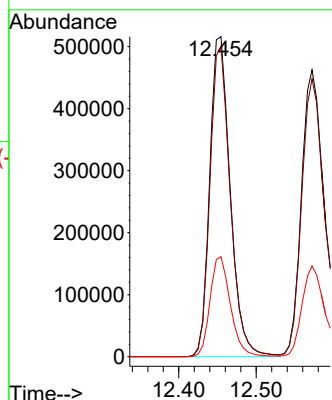
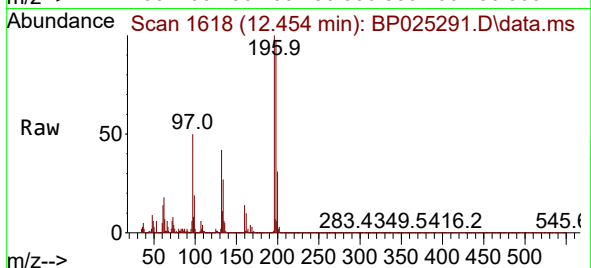
Tgt Ion:196 Resp: 950968

Ion Ratio Lower Upper

196 100

198 97.1 76.6 114.8

200 31.3 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 43.662 ng

RT: 12.572 min Scan# 1638

Delta R.T. 0.000 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Tgt Ion:196 Resp: 1036502

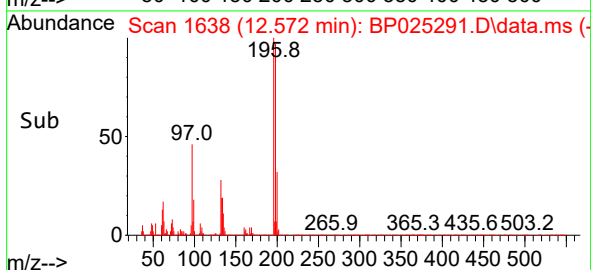
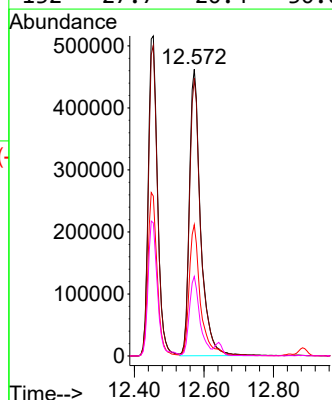
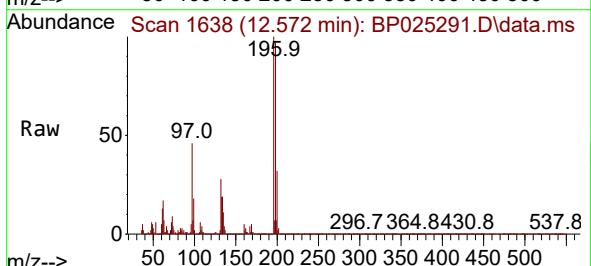
Ion Ratio Lower Upper

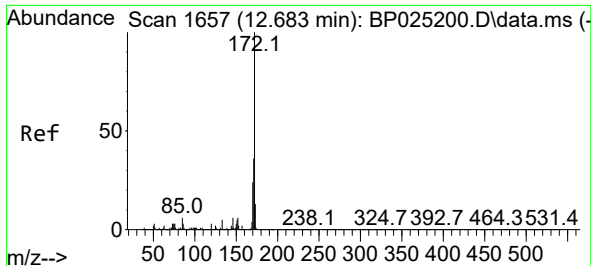
196 100

198 96.8 76.7 115.1

97 45.7 33.0 49.4

132 27.7 20.4 30.6

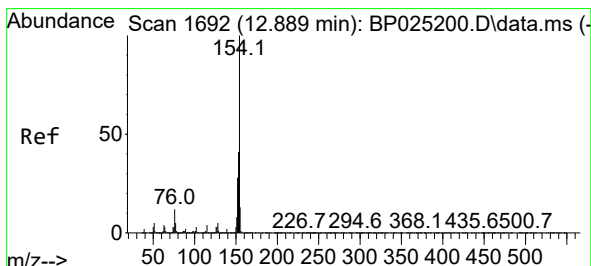
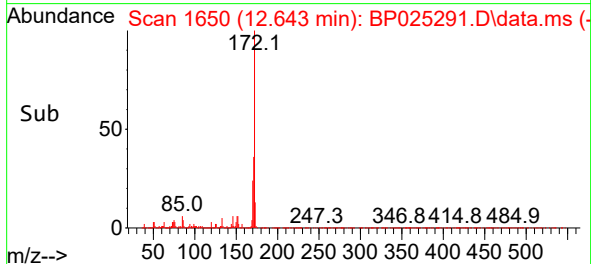
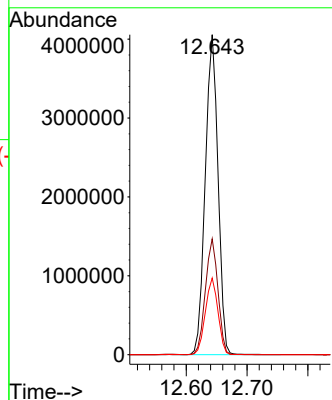
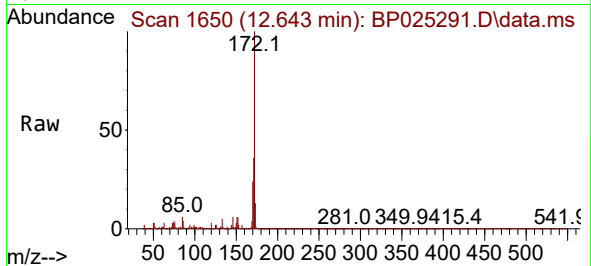




#45
2-Fluorobiphenyl
Concen: 78.855 ng
RT: 12.643 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

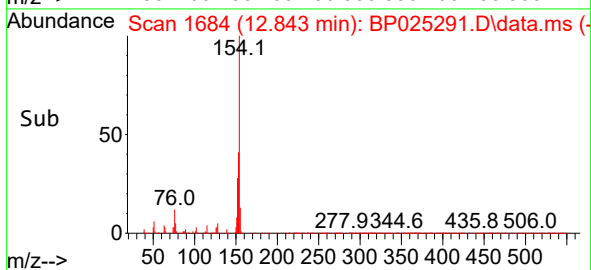
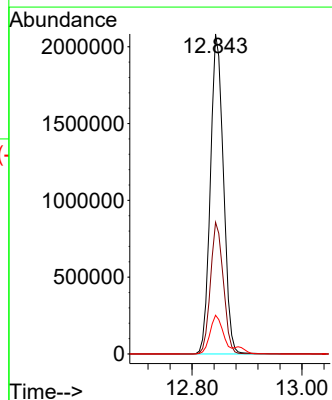
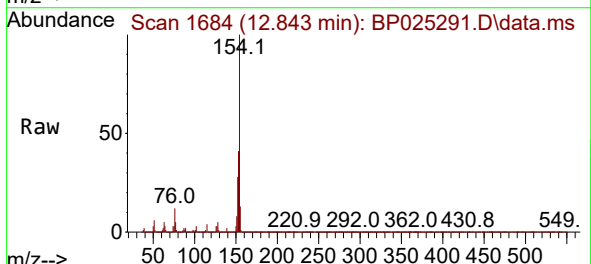
Instrument :
BNA_P
ClientSampleId :
PB169072BS

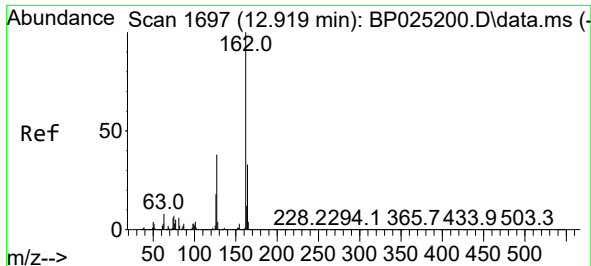
Tgt Ion:172 Resp: 5891315
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.9 19.2 28.8



#46
1,1'-Biphenyl
Concen: 44.935 ng
RT: 12.843 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:154 Resp: 3430979
Ion Ratio Lower Upper
154 100
153 41.1 20.8 60.8
76 12.1 0.0 31.6

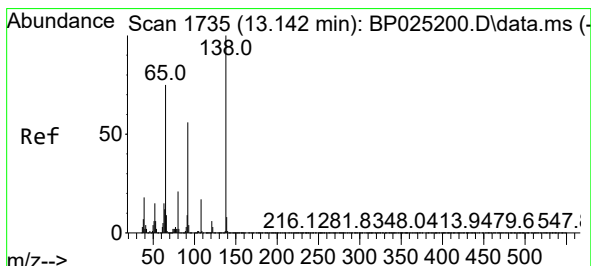
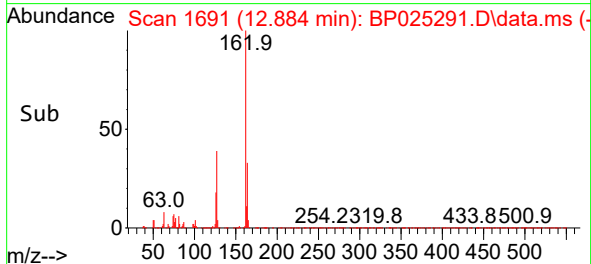
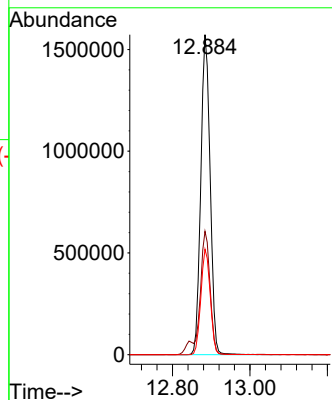
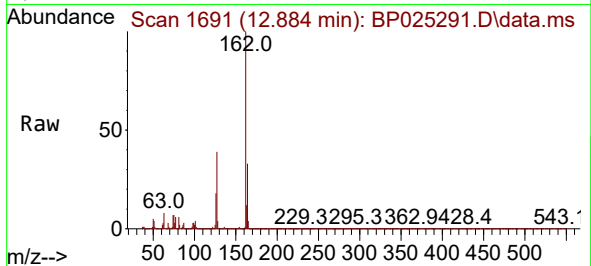




#47
2-Chloronaphthalene
Concen: 44.137 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

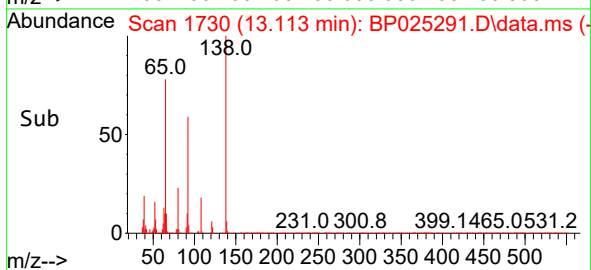
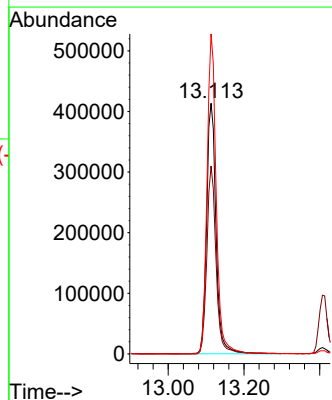
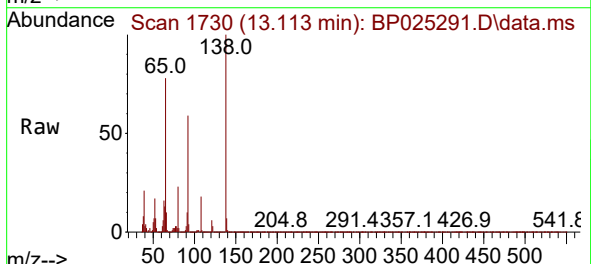
Instrument :
BNA_P
ClientSampleId :
PB169072BS

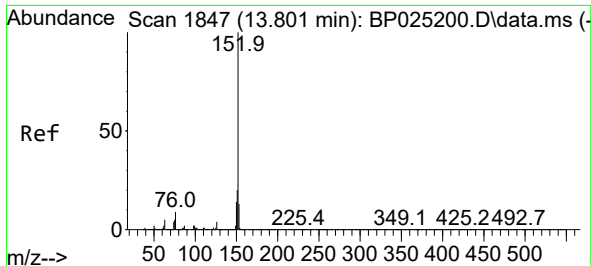
Tgt Ion:162 Resp: 2631129
Ion Ratio Lower Upper
162 100
127 38.6 30.1 45.1
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 46.761 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion: 65 Resp: 711861
Ion Ratio Lower Upper
65 100
92 75.0 59.9 89.9
138 127.6 107.1 160.7

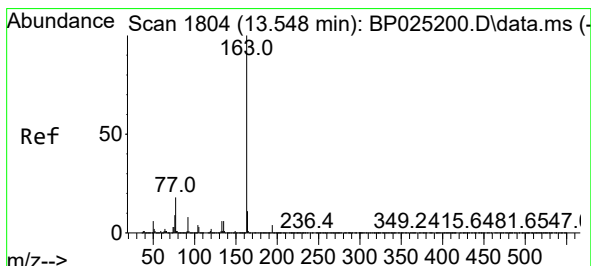
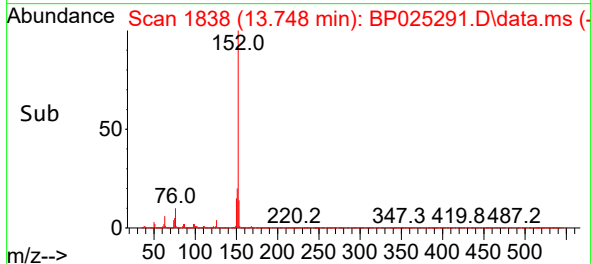
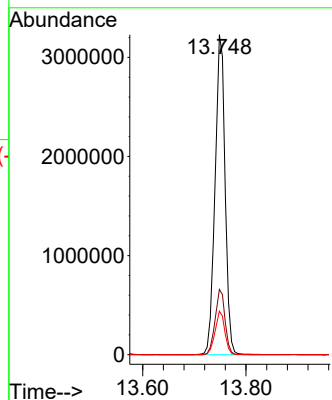
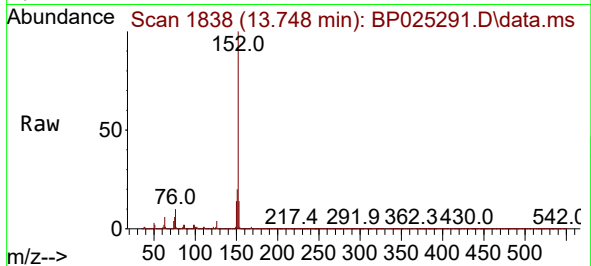




#49
Acenaphthylene
Concen: 45.143 ng
RT: 13.748 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

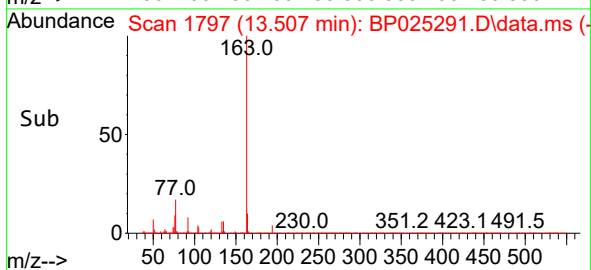
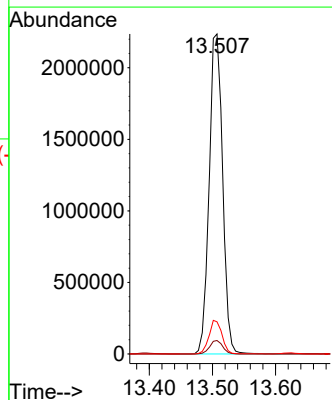
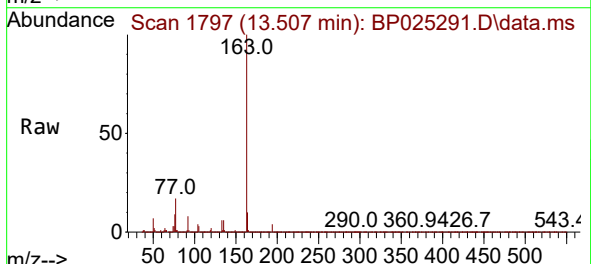
Instrument :
BNA_P
ClientSampleId :
PB169072BS

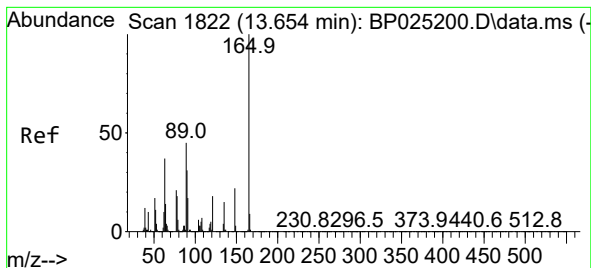
Tgt Ion:152 Resp: 4352566
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.6 10.6 15.8



#50
Dimethylphthalate
Concen: 43.916 ng
RT: 13.507 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:163 Resp: 3308110
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.5 12.7

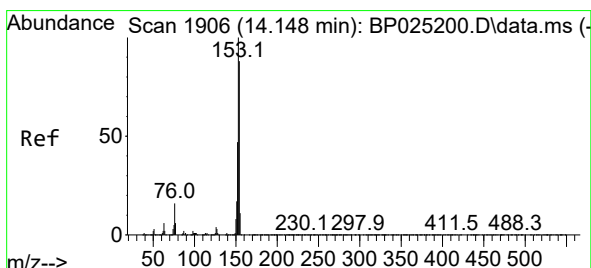
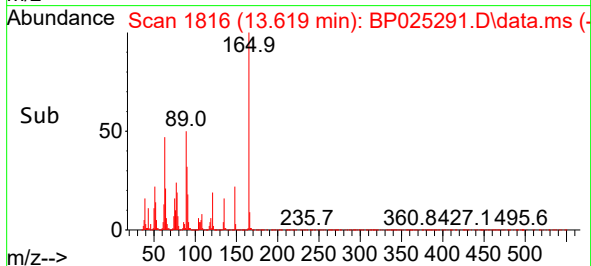
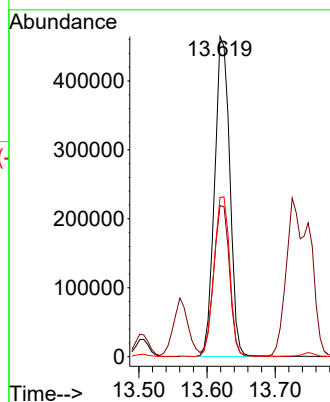
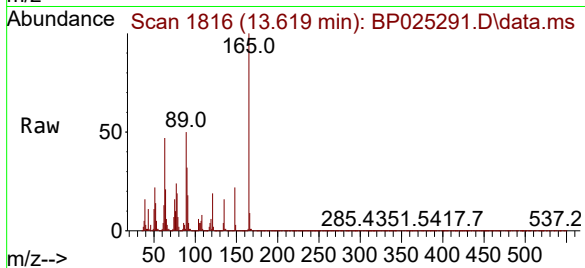




#51
2,6-Dinitrotoluene
Concen: 44.105 ng
RT: 13.619 min Scan# 1816
Delta R.T. -0.018 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

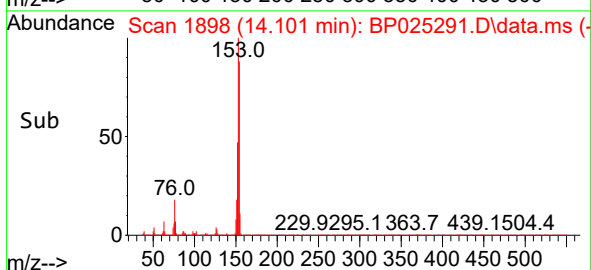
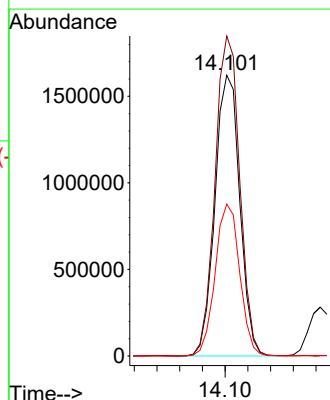
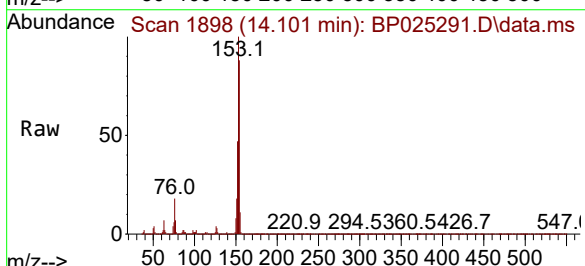
Instrument :
BNA_P
ClientSampleId :
PB169072BS

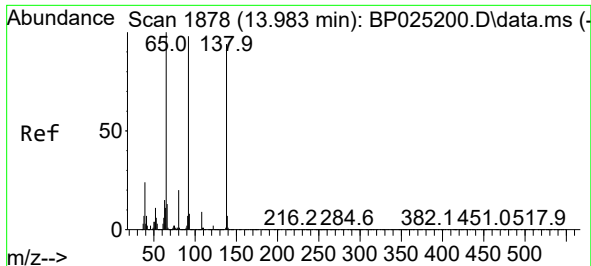
Tgt Ion:165 Resp: 721880
Ion Ratio Lower Upper
165 100
63 47.2 33.4 50.2
89 49.7 36.3 54.5



#52
Acenaphthene
Concen: 44.148 ng
RT: 14.101 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:154 Resp: 2461452
Ion Ratio Lower Upper
154 100
153 114.0 90.7 136.1
152 54.1 42.9 64.3

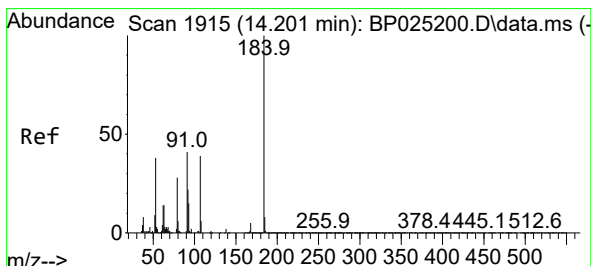
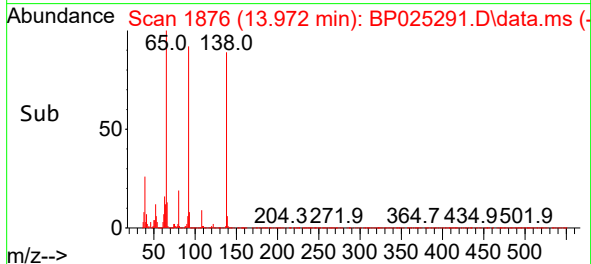
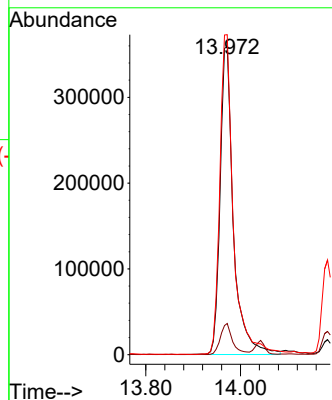
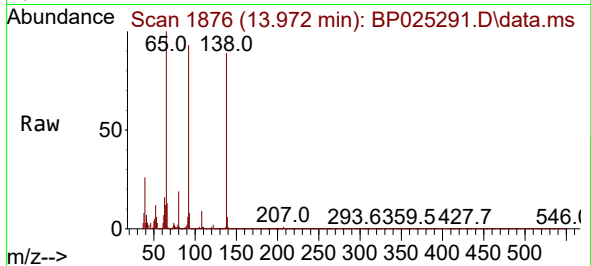




#53
3-Nitroaniline
Concen: 37.975 ng
RT: 13.972 min Scan# 1876
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

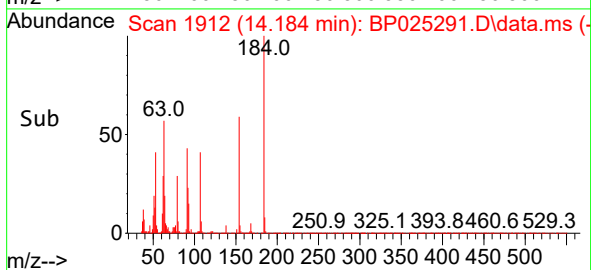
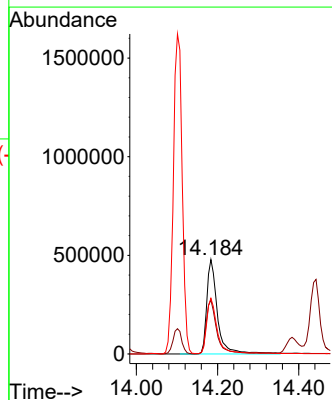
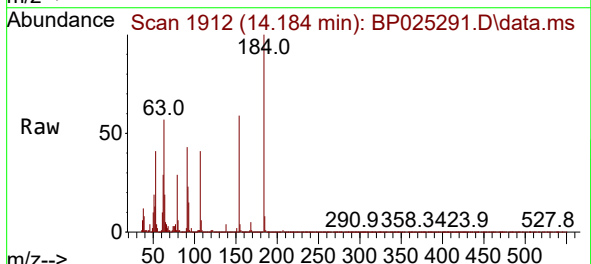
Instrument :
BNA_P
ClientSampleId :
PB169072BS

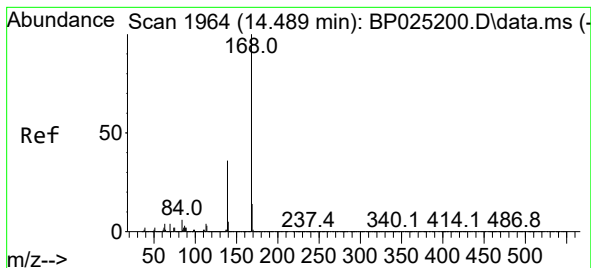
Tgt Ion:138 Resp: 700915
Ion Ratio Lower Upper
138 100
108 10.1 7.5 11.3
92 104.0 83.2 124.8



#54
2,4-Dinitrophenol
Concen: 89.713 ng
RT: 14.184 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:184 Resp: 870001
Ion Ratio Lower Upper
184 100
63 57.3 41.8 62.8
154 59.0 45.7 68.5

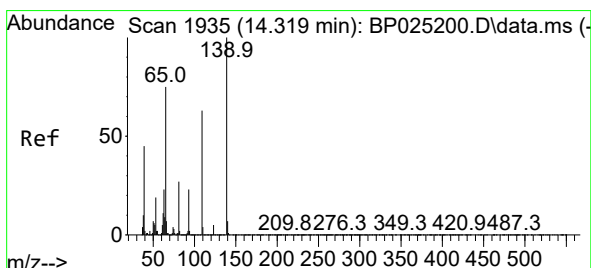
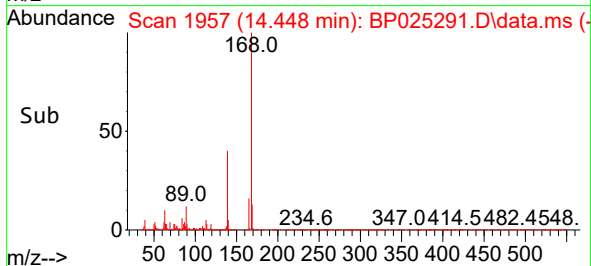
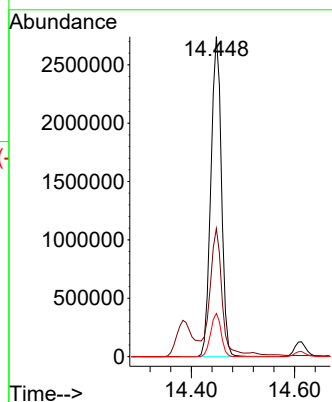
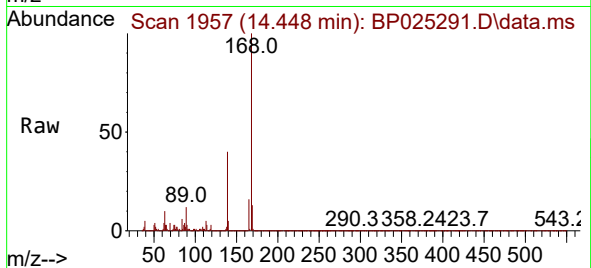




#55
Dibenzenofuran
Concen: 43.183 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

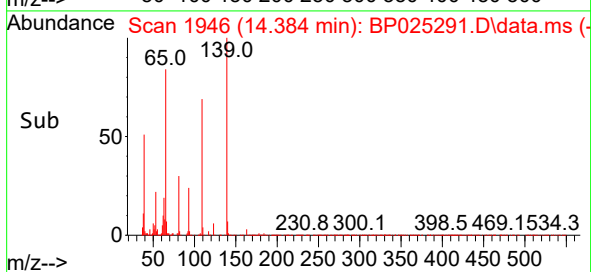
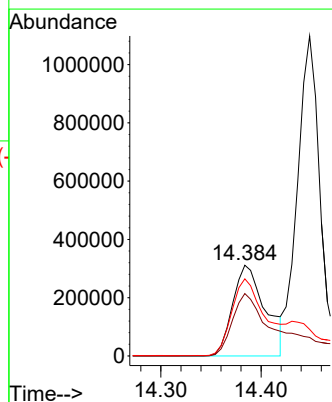
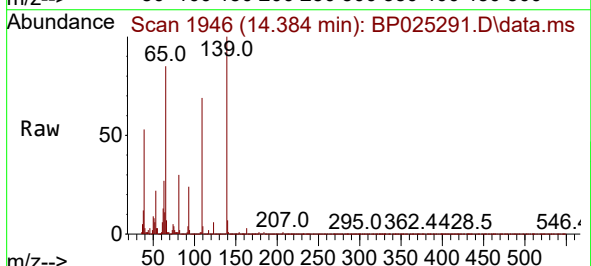
Instrument :
BNA_P
ClientSampleId :
PB169072BS

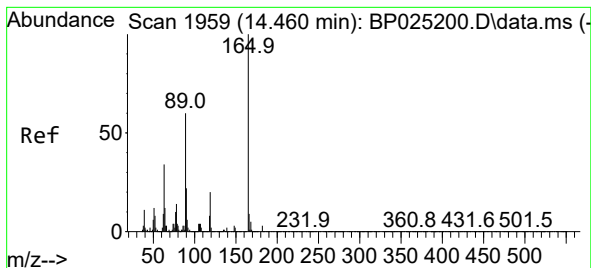
Tgt Ion:168 Resp: 3889025
Ion Ratio Lower Upper
168 100
139 40.1 28.7 43.1
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 44.841 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:139 Resp: 708220
Ion Ratio Lower Upper
139 100
109 68.7 42.6 82.6
65 85.1 55.4 95.4

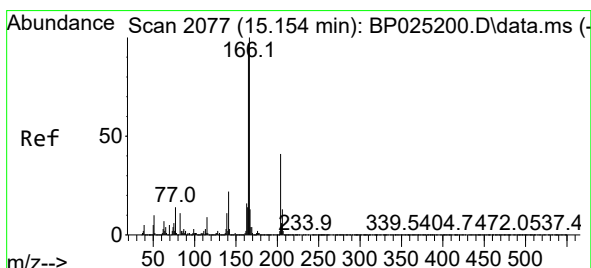
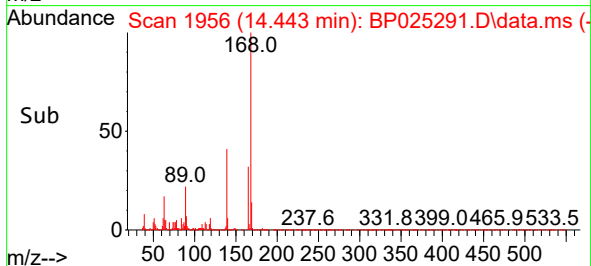
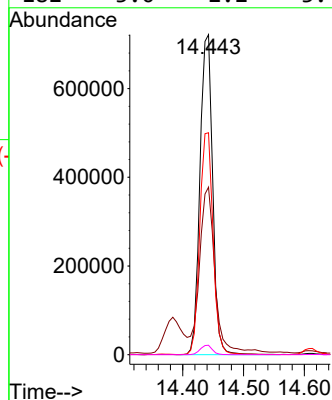
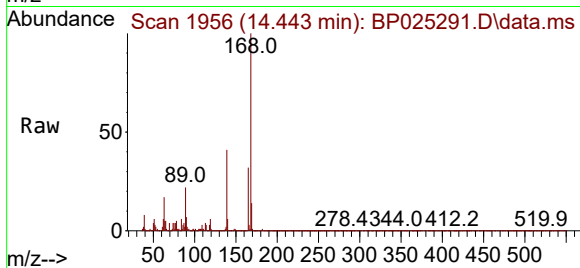




#57
2,4-Dinitrotoluene
Concen: 45.406 ng
RT: 14.443 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

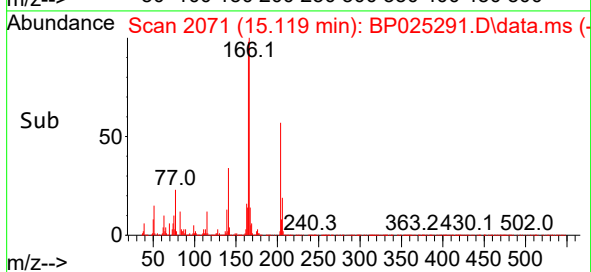
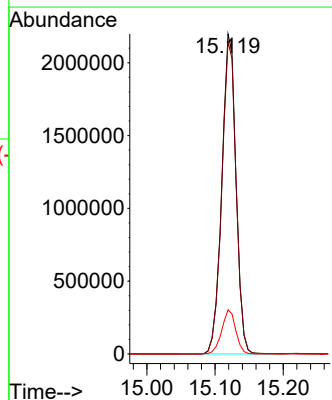
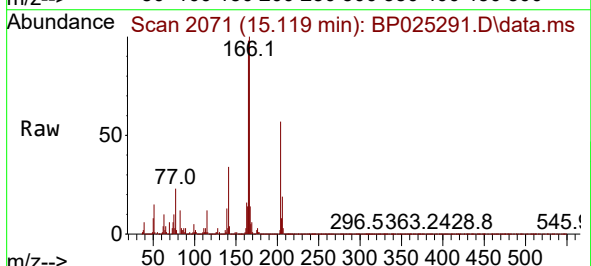
Instrument :
BNA_P
ClientSampleId :
PB169072BS

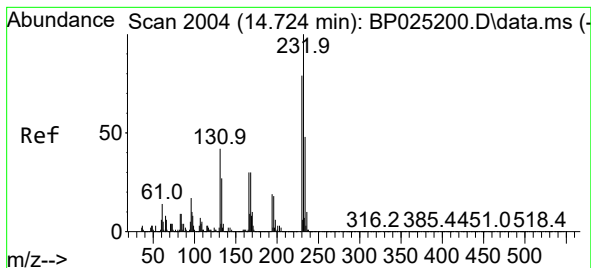
Tgt Ion:165 Resp: 1040294
Ion Ratio Lower Upper
165 100
63 52.4 27.0 40.4#
89 69.3 47.8 71.6
182 3.0 2.2 3.4



#58
Fluorene
Concen: 44.570 ng
RT: 15.119 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:166 Resp: 3186679
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.8 10.7 16.1

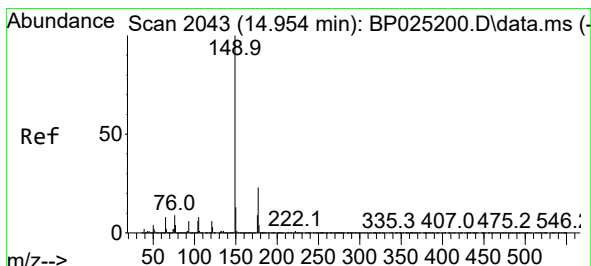
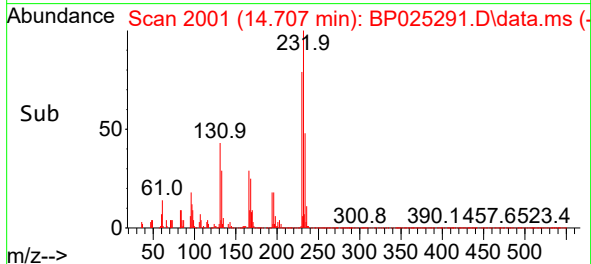
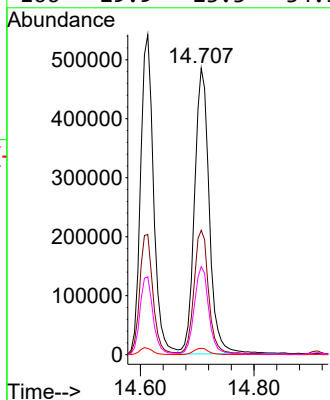
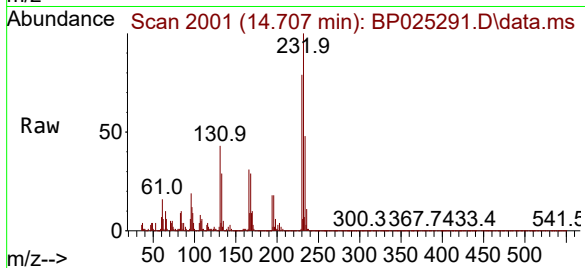




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.690 ng
RT: 14.707 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

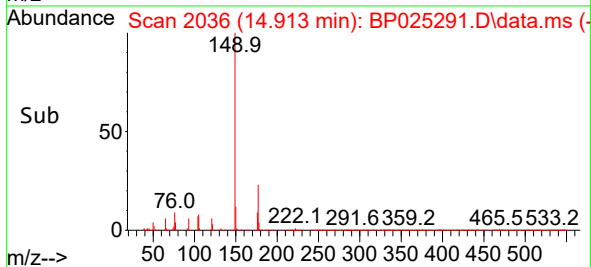
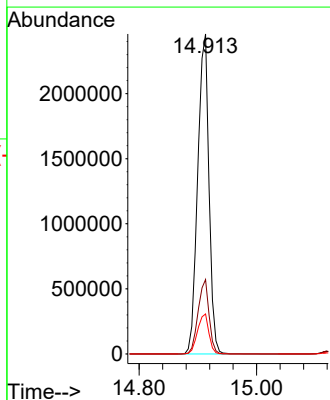
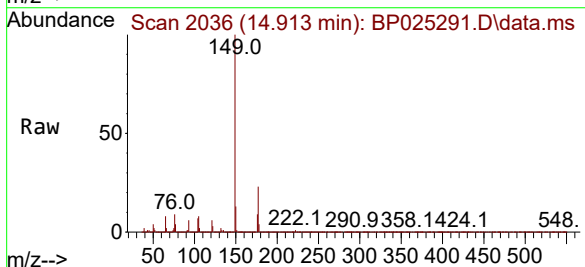
Instrument :
BNA_P
ClientSampleId :
PB169072BS

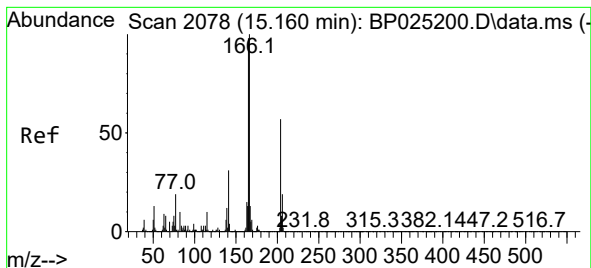
Tgt Ion:232 Resp: 875850
Ion Ratio Lower Upper
232 100
131 42.6 32.6 48.8
130 2.3 1.6 2.4
166 29.9 23.3 34.9



#60
Diethylphthalate
Concen: 43.871 ng
RT: 14.913 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:149 Resp: 3257141
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 12.5 10.0 15.0

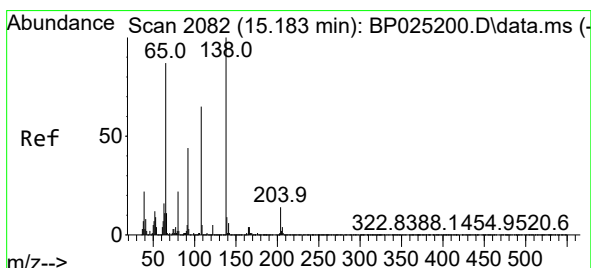
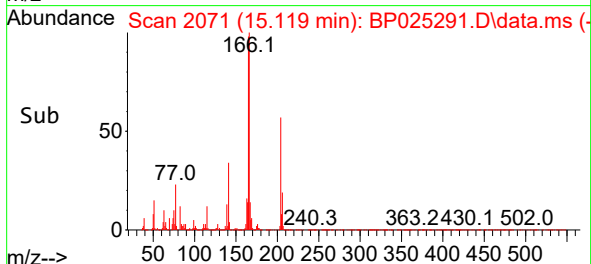
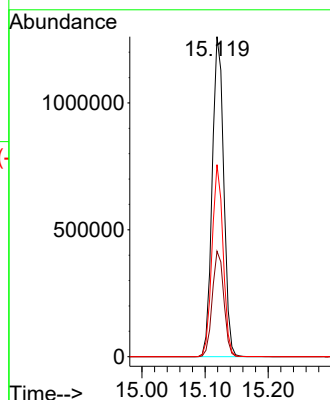
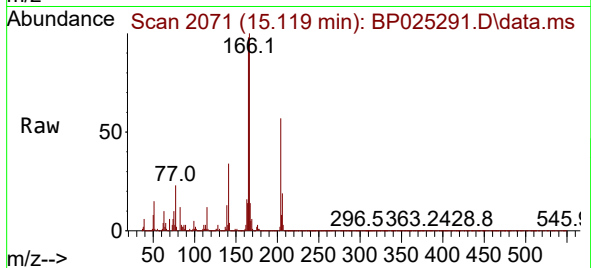




#61
4-Chlorophenyl-phenylether
Concen: 44.124 ng
RT: 15.119 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

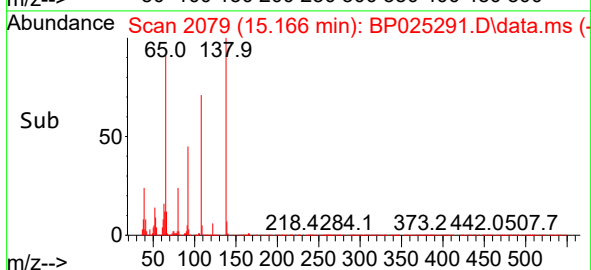
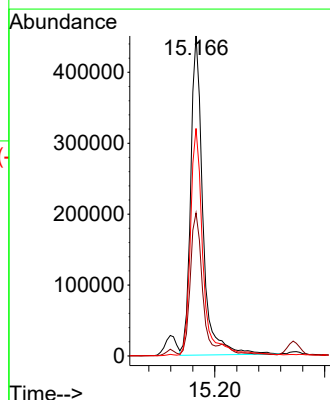
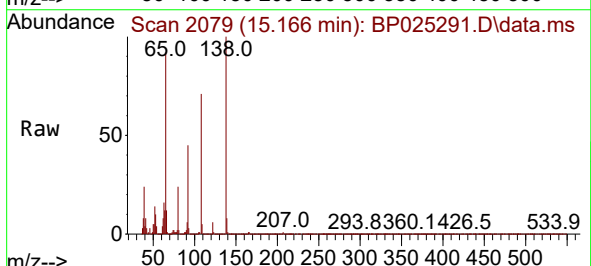
Instrument :
BNA_P
ClientSampleId :
PB169072BS

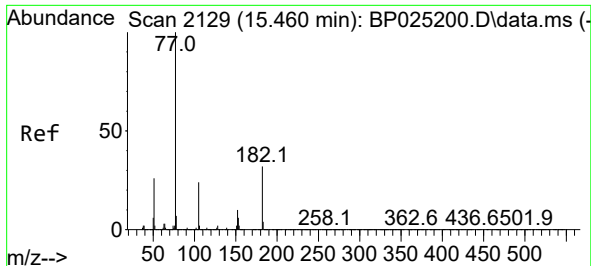
Tgt Ion:204 Resp: 1594118
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 60.0 43.0 64.6



#62
4-Nitroaniline
Concen: 36.898 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:138 Resp: 692624
Ion Ratio Lower Upper
138 100
92 44.7 24.0 64.0
108 71.1 44.9 84.9

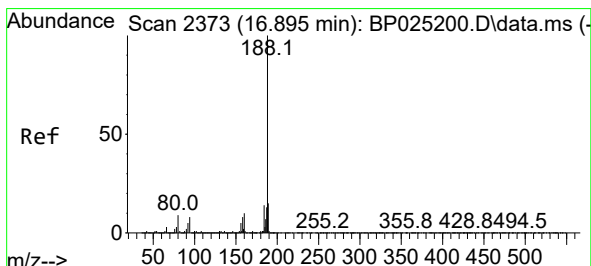
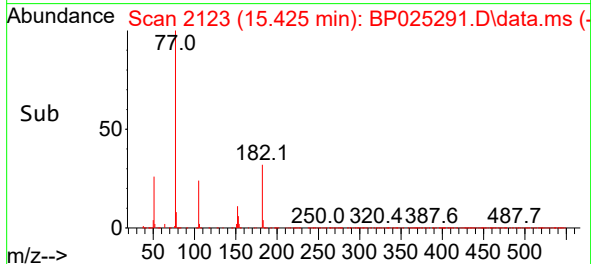
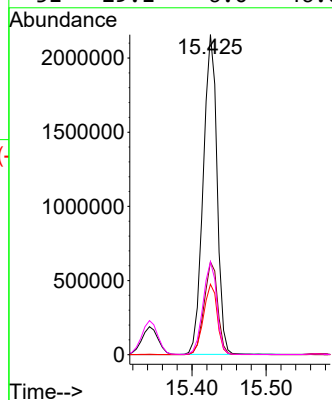
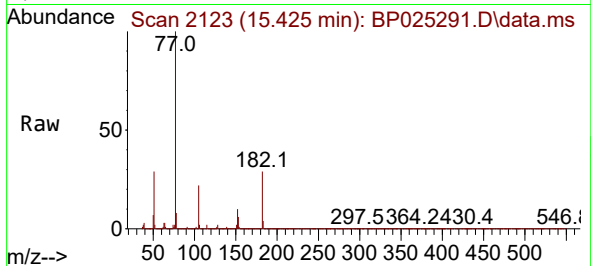




#63
Azobenzene
Concen: 46.191 ng
RT: 15.425 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

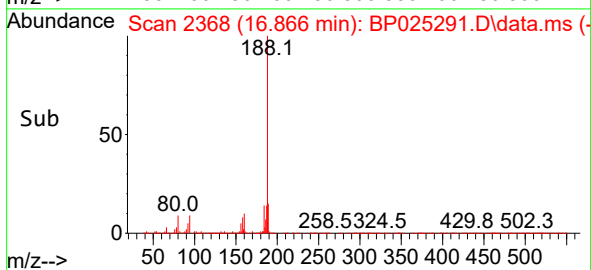
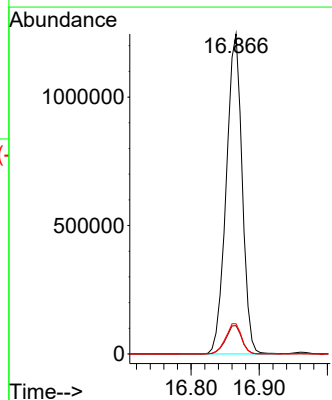
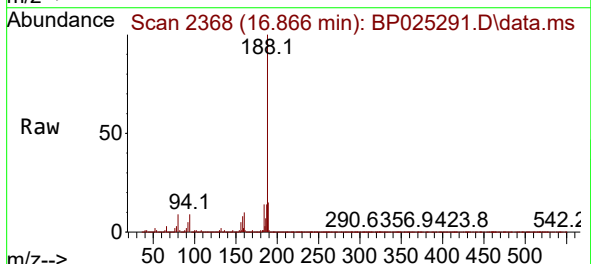
Instrument :
BNA_P
ClientSampleId :
PB169072BS

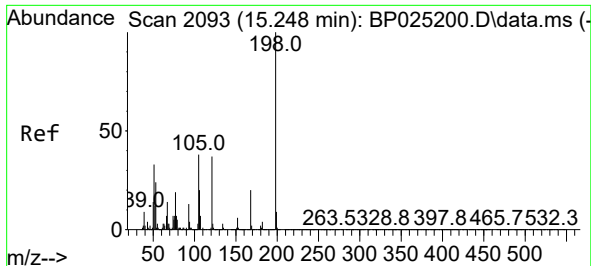
Tgt Ion: 77 Resp: 2794629
Ion Ratio Lower Upper
77 100
182 29.0 12.0 52.0
105 22.0 3.6 43.6
51 29.1 6.0 46.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.866 min Scan# 2368
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:188 Resp: 2019598
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 9.5 7.3 10.9

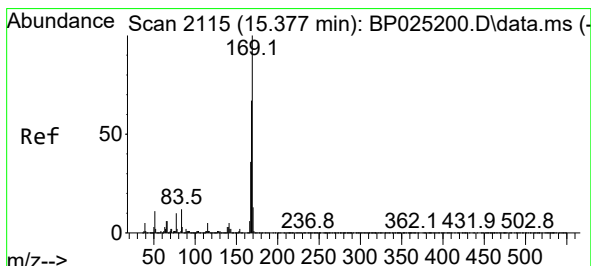
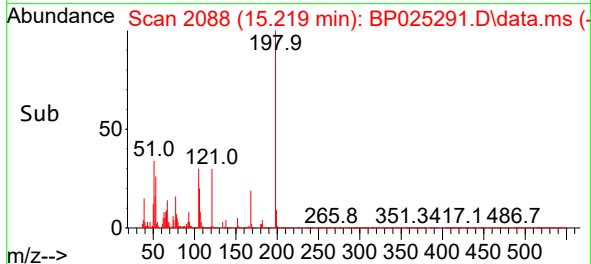
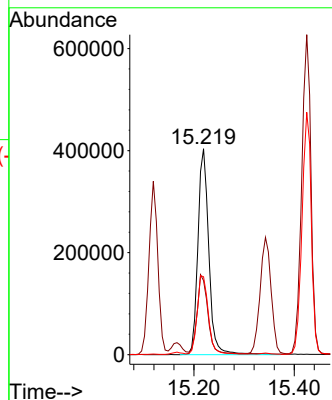
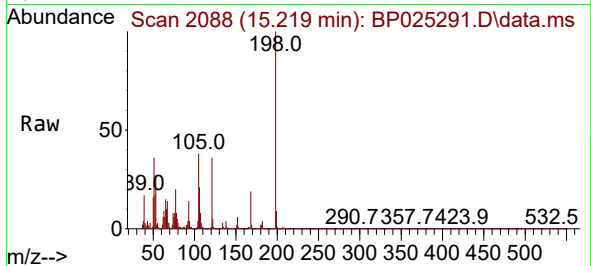




#65
4,6-Dinitro-2-methylphenol
Concen: 46.457 ng
RT: 15.219 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

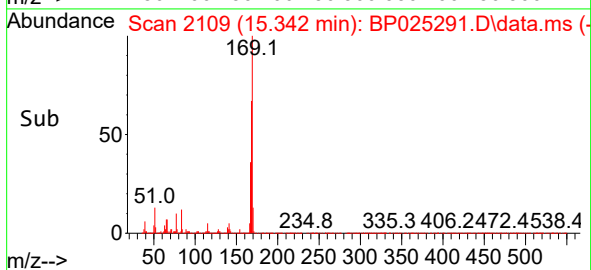
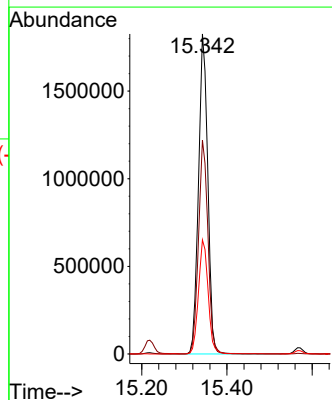
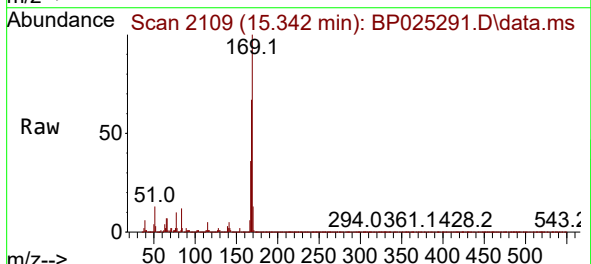
Instrument :
BNA_P
ClientSampleId :
PB169072BS

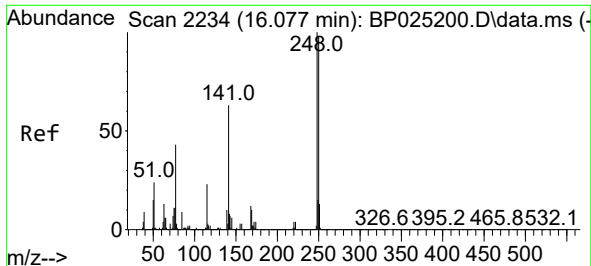
Tgt Ion:198 Resp: 605506
Ion Ratio Lower Upper
198 100
51 35.9 14.6 54.6
105 37.8 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 44.929 ng
RT: 15.342 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:169 Resp: 2754161
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 35.6 29.0 43.6

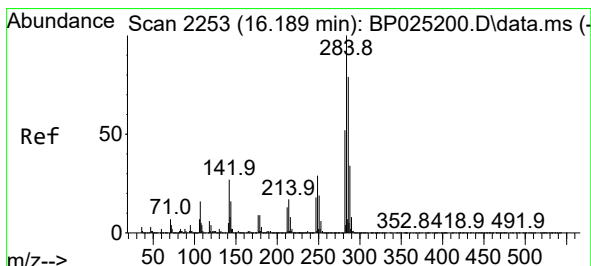
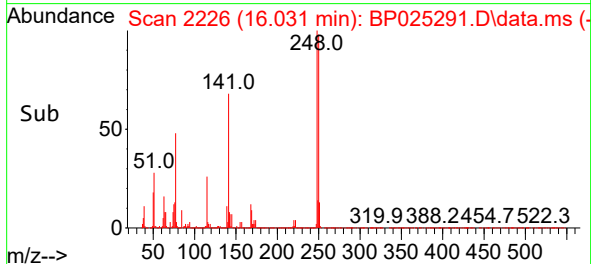
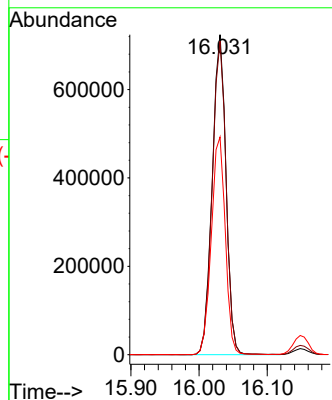
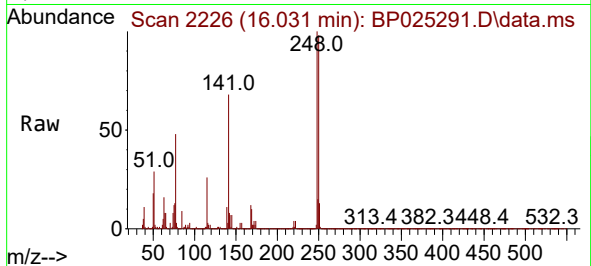




#67
4-Bromophenyl-phenylether
Concen: 43.299 ng
RT: 16.031 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

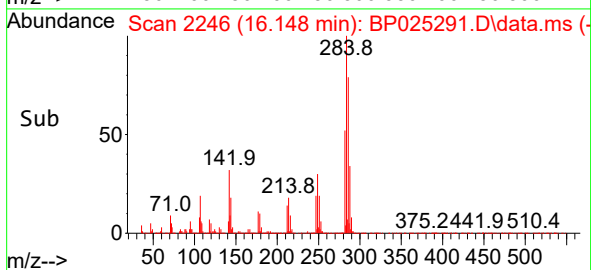
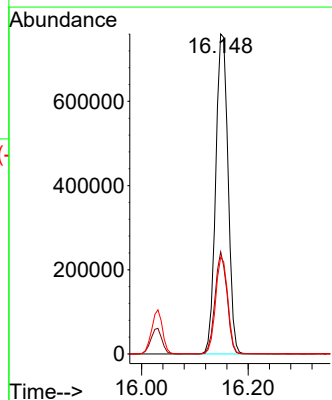
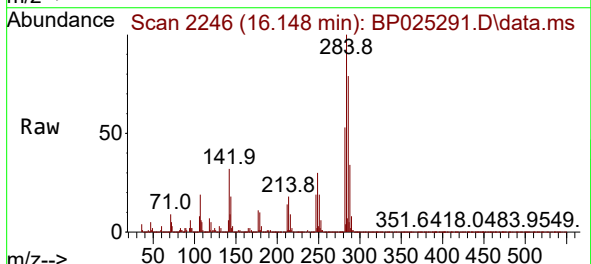
Instrument :
BNA_P
ClientSampleId :
PB169072BS

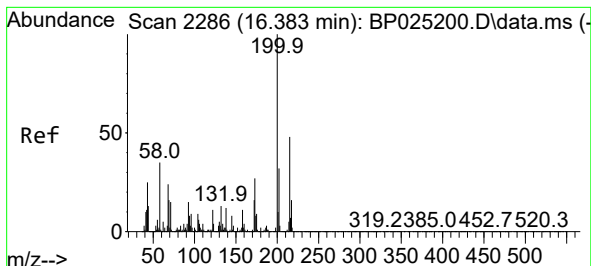
Tgt Ion:248 Resp: 1020554
Ion Ratio Lower Upper
248 100
250 98.0 78.5 117.7
141 68.0 50.5 75.7



#68
Hexachlorobenzene
Concen: 43.551 ng
RT: 16.148 min Scan# 2246
Delta R.T. -0.018 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:284 Resp: 1219028
Ion Ratio Lower Upper
284 100
142 31.9 21.5 32.3
249 30.2 23.4 35.0





#69

Atrazine

Concen: 40.219 ng

RT: 16.342 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

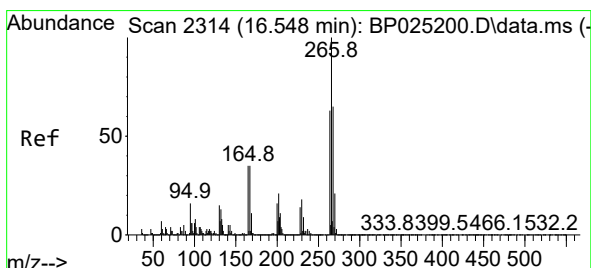
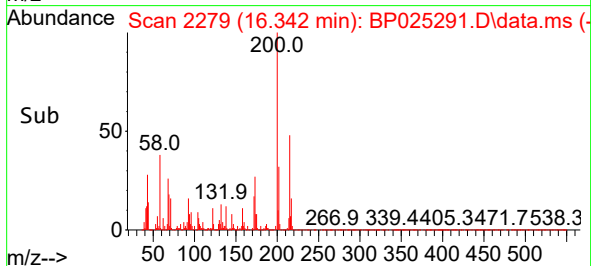
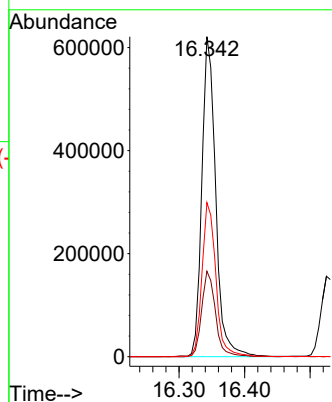
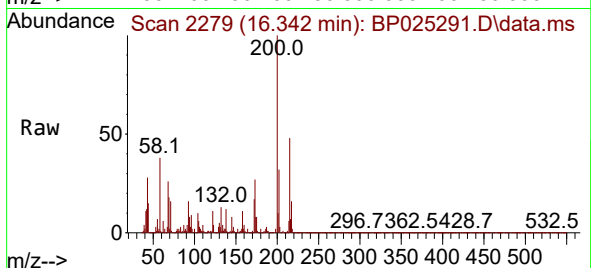
Tgt Ion:200 Resp: 912320

Ion Ratio Lower Upper

200 100

173 26.7 7.4 47.4

215 48.1 28.5 68.5



#70

Pentachlorophenol

Concen: 74.499 ng

RT: 16.531 min Scan# 2311

Delta R.T. -0.006 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

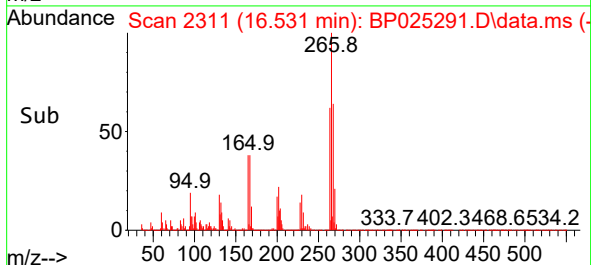
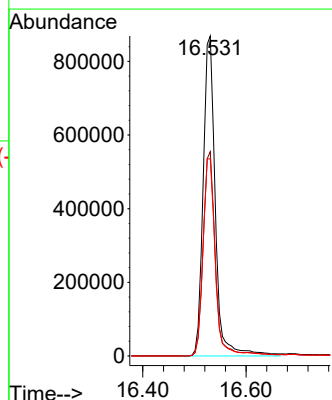
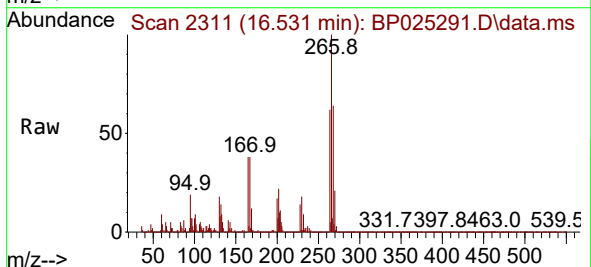
Tgt Ion:266 Resp: 1418018

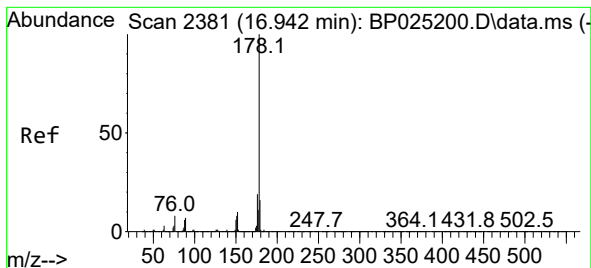
Ion Ratio Lower Upper

266 100

268 63.9 51.8 77.6

264 61.6 50.3 75.5





#71

Phenanthrene

Concen: 44.684 ng

RT: 16.907 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

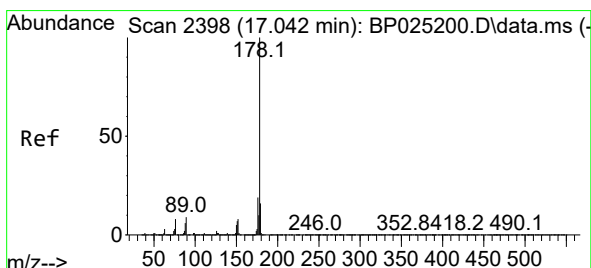
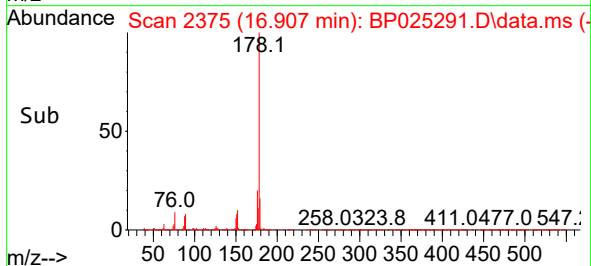
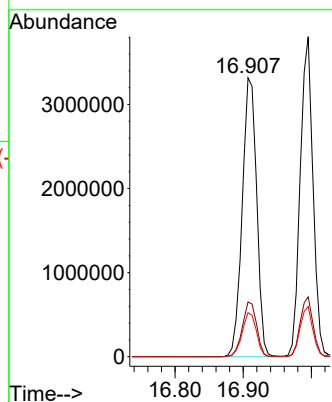
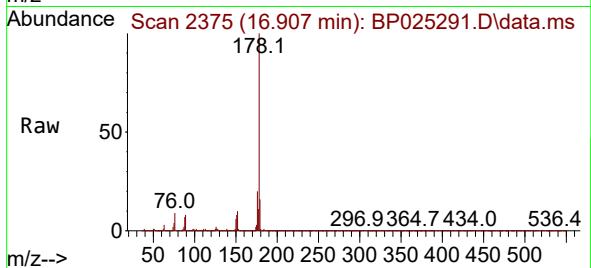
Tgt Ion:178 Resp: 4867240

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.8 12.5 18.7



#72

Anthracene

Concen: 45.347 ng

RT: 16.995 min Scan# 2390

Delta R.T. -0.006 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

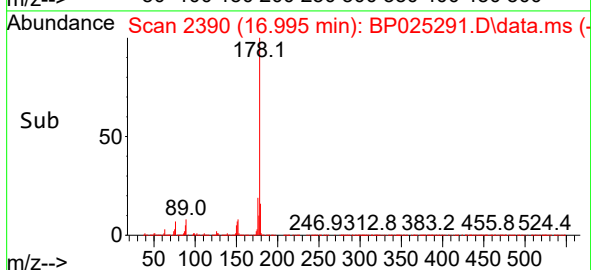
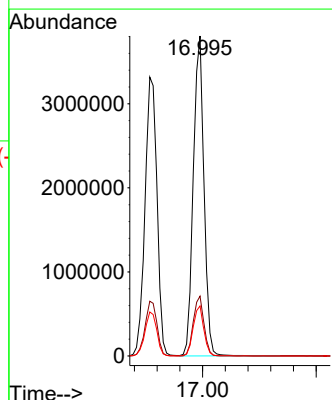
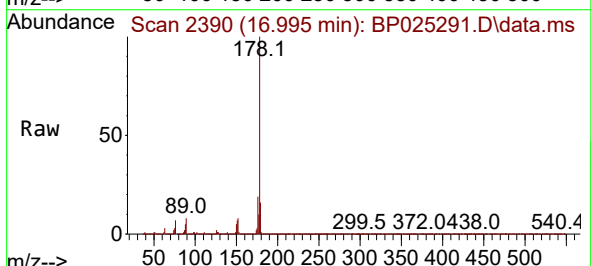
Tgt Ion:178 Resp: 4976030

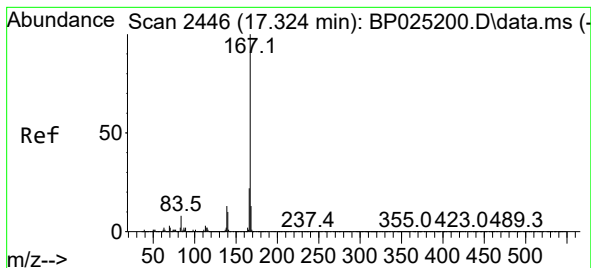
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.6 12.5 18.7





#73

Carbazole

Concen: 44.202 ng

RT: 17.295 min Scan# 2446

Delta R.T. -0.006 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

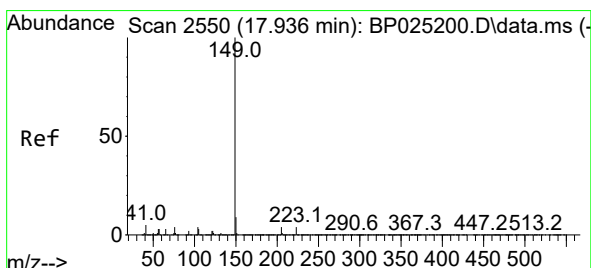
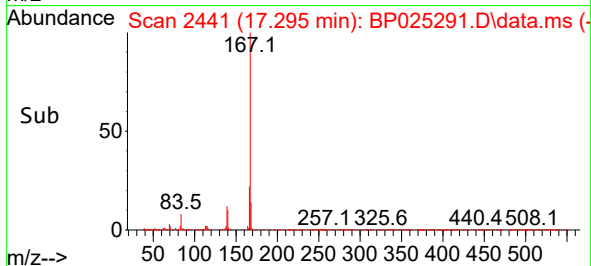
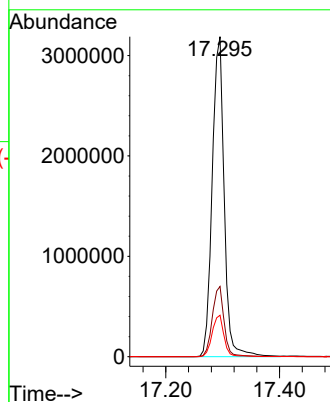
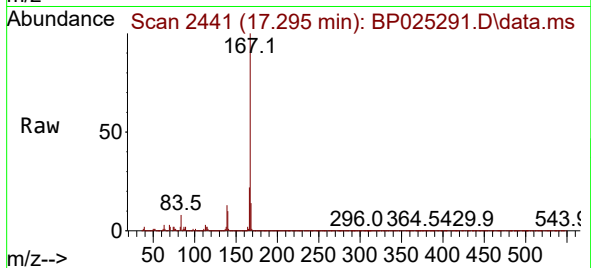
Tgt Ion:167 Resp: 4630289

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 13.0 10.1 15.1



#74

Di-n-butylphthalate

Concen: 45.912 ng

RT: 17.895 min Scan# 2543

Delta R.T. -0.023 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

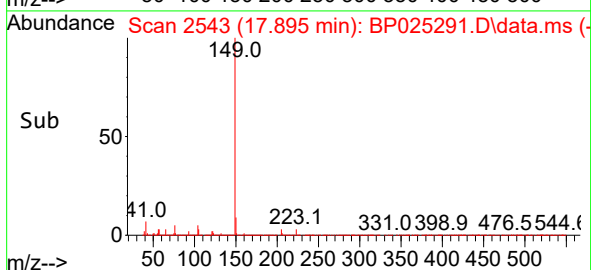
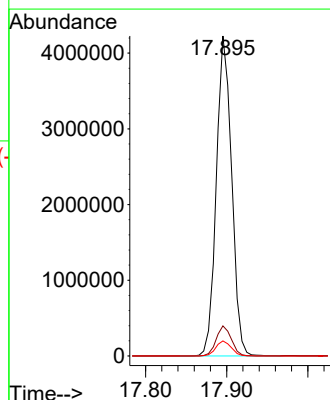
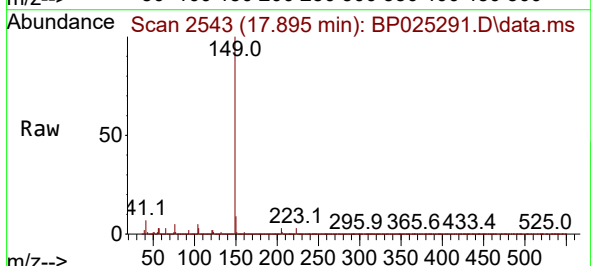
Tgt Ion:149 Resp: 5549248

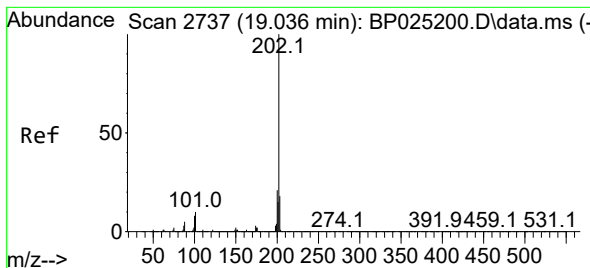
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 44.159 ng

RT: 19.007 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

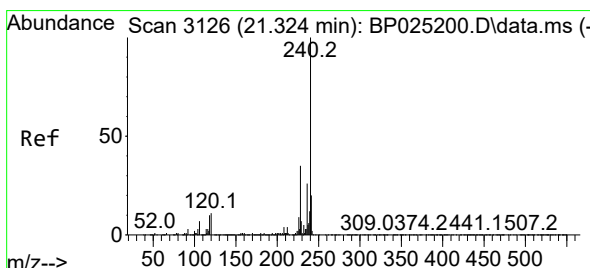
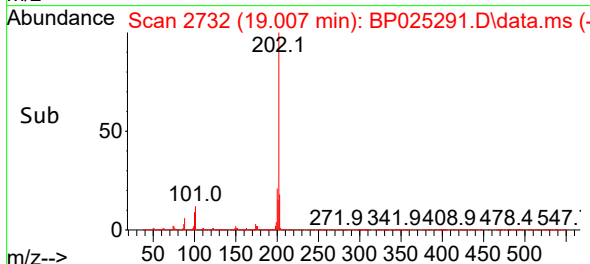
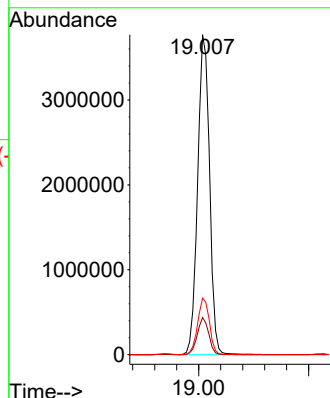
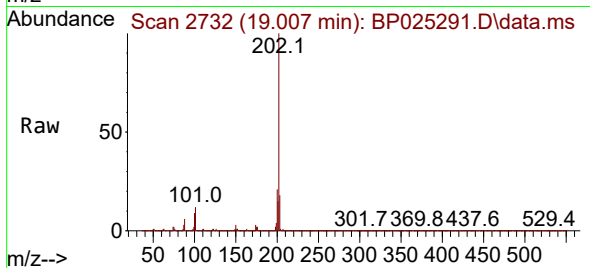
Tgt Ion:202 Resp: 5661043

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.3

203 17.7 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.289 min Scan# 3120

Delta R.T. -0.018 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

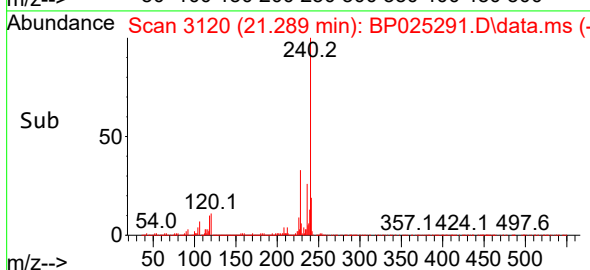
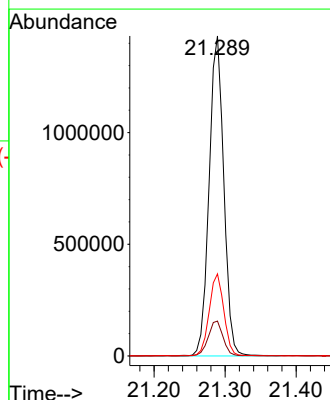
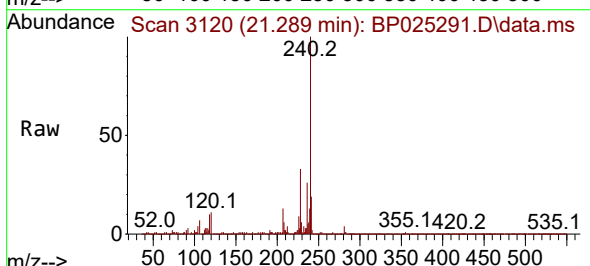
Tgt Ion:240 Resp: 2056319

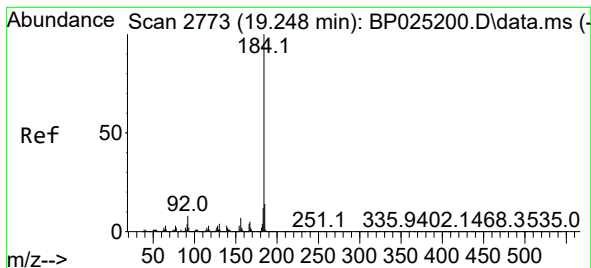
Ion Ratio Lower Upper

240 100

120 10.9 8.8 13.2

236 25.7 20.9 31.3





#77

Benzidine

Concen: 33.827 ng

RT: 19.219 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

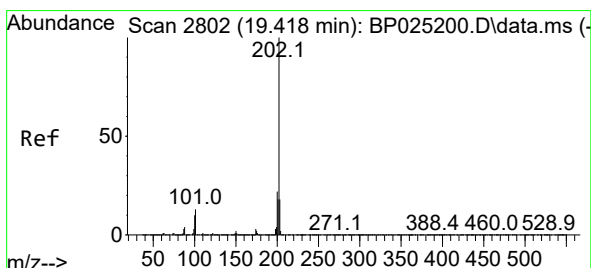
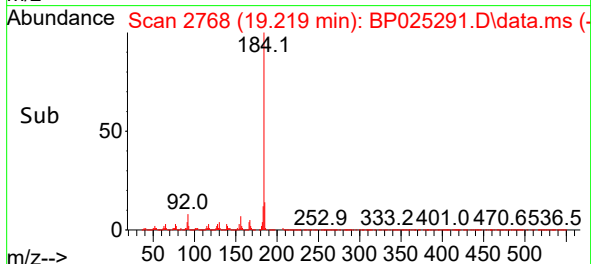
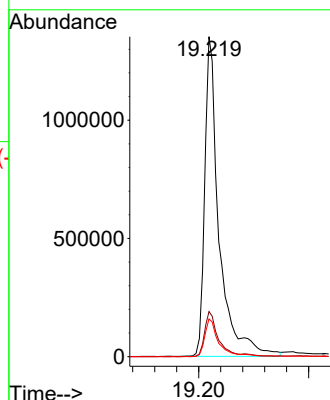
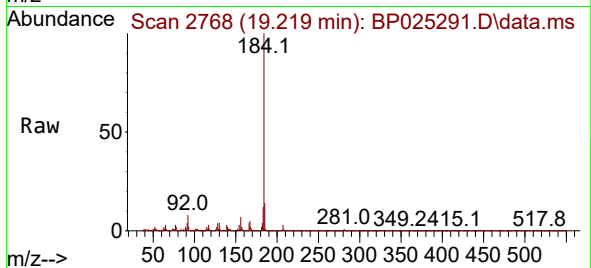
Tgt Ion:184 Resp: 2442060

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 11.8 9.6 14.4



#78

Pyrene

Concen: 46.278 ng

RT: 19.383 min Scan# 2796

Delta R.T. -0.018 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

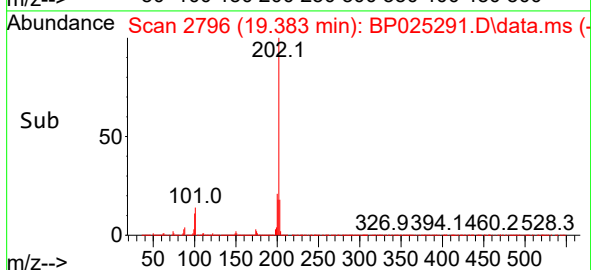
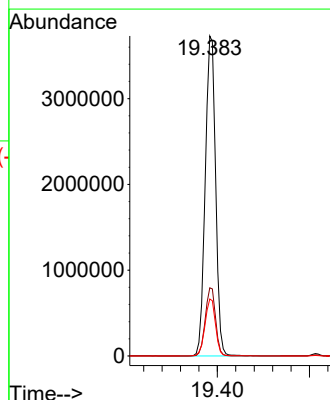
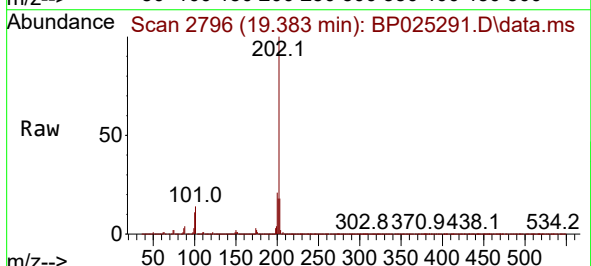
Tgt Ion:202 Resp: 5867543

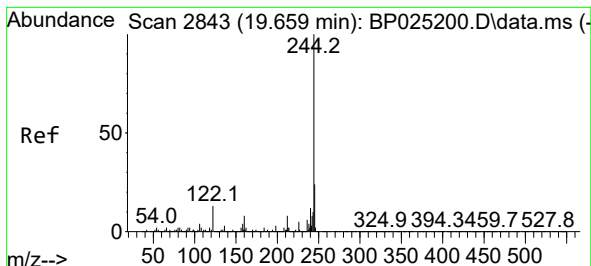
Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 81.955 ng

RT: 19.613 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

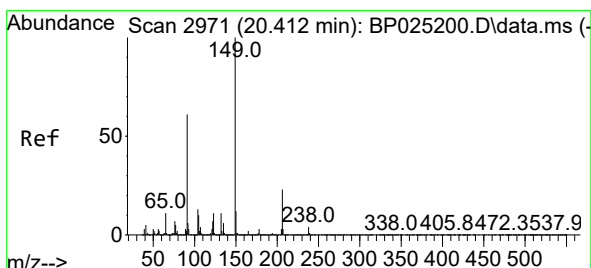
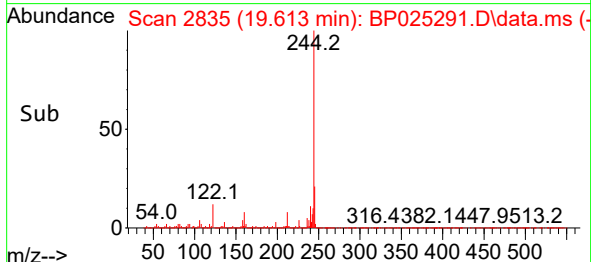
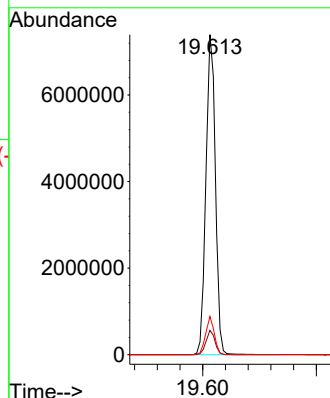
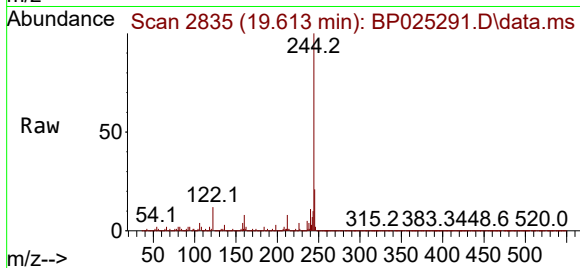
Tgt Ion:244 Resp: 8537134

Ion Ratio Lower Upper

244 100

212 7.6 6.6 9.8

122 12.0 10.3 15.5



#80

Butylbenzylphthalate

Concen: 44.596 ng

RT: 20.372 min Scan# 2964

Delta R.T. -0.018 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

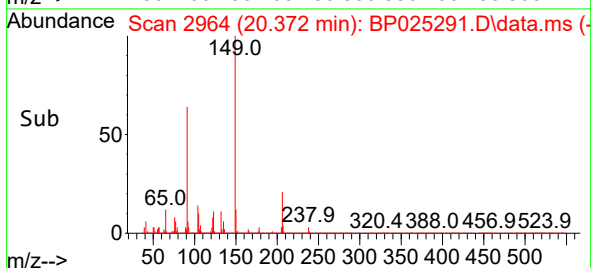
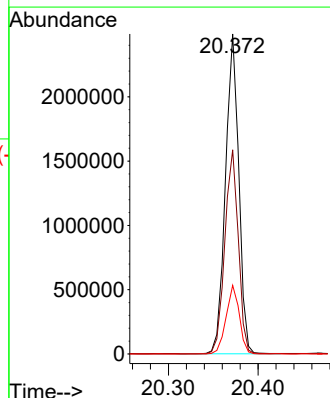
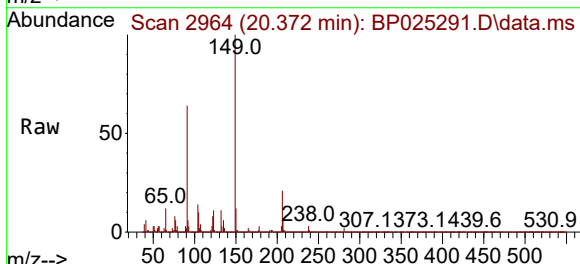
Tgt Ion:149 Resp: 2559513

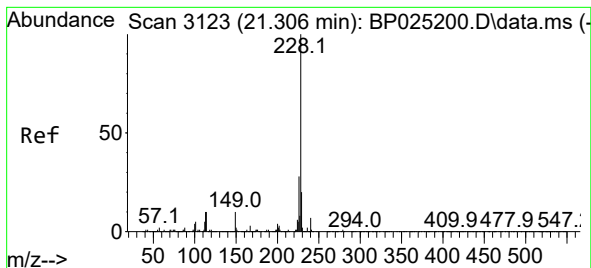
Ion Ratio Lower Upper

149 100

91 63.8 48.8 73.2

206 21.5 18.4 27.6





#81

Benzo(a)anthracene

Concen: 44.988 ng

RT: 21.272 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

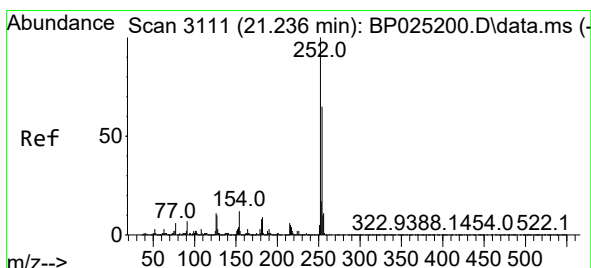
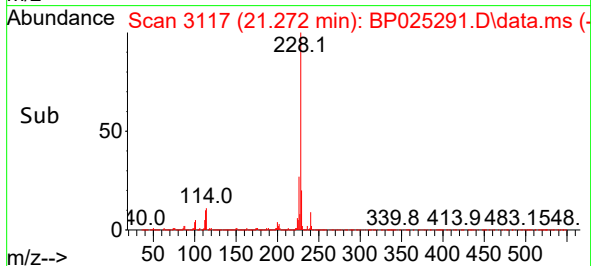
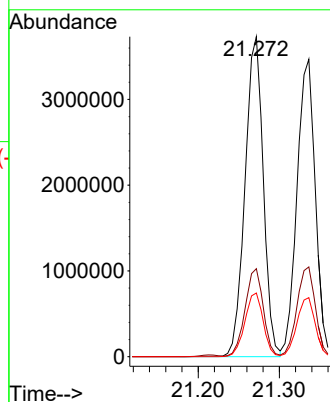
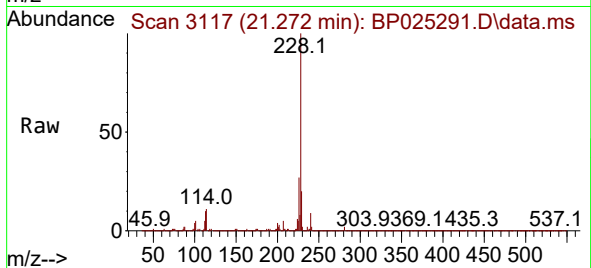
Tgt Ion:228 Resp: 5842058

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

229 19.9 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 33.471 ng

RT: 21.213 min Scan# 3107

Delta R.T. -0.018 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

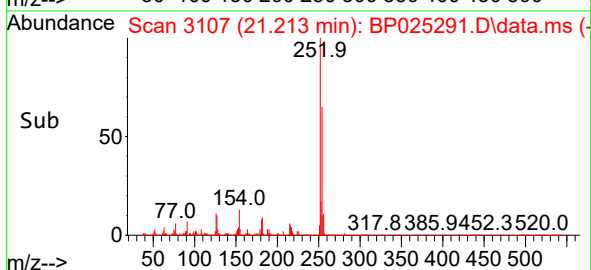
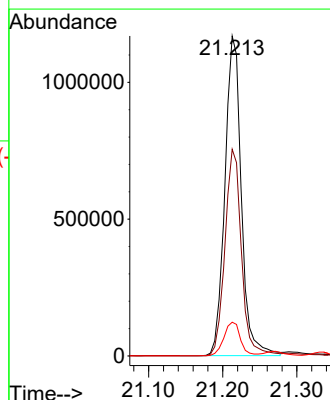
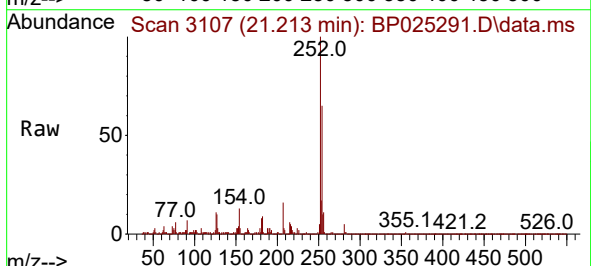
Tgt Ion:252 Resp: 1801677

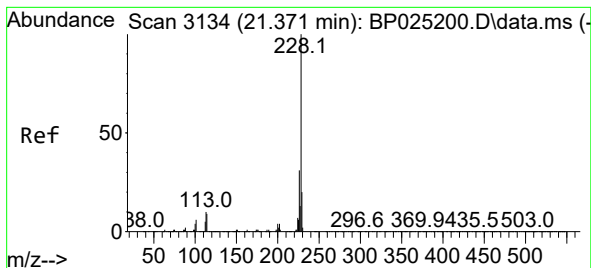
Ion Ratio Lower Upper

252 100

254 64.6 52.1 78.1

126 10.6 8.6 12.8





#83

Chrysene

Concen: 45.063 ng

RT: 21.336 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

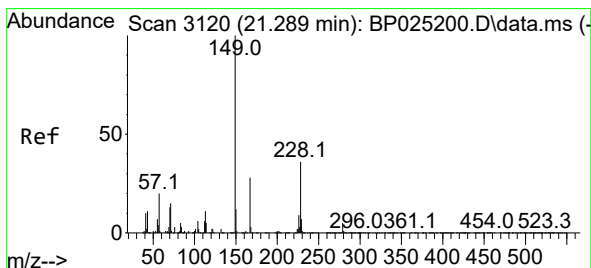
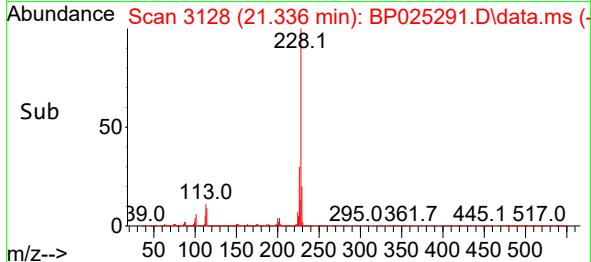
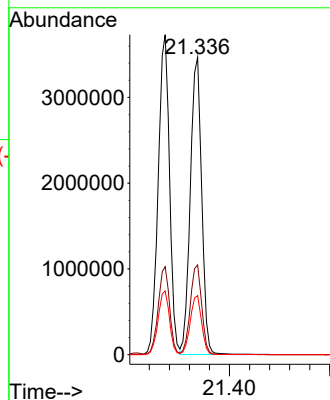
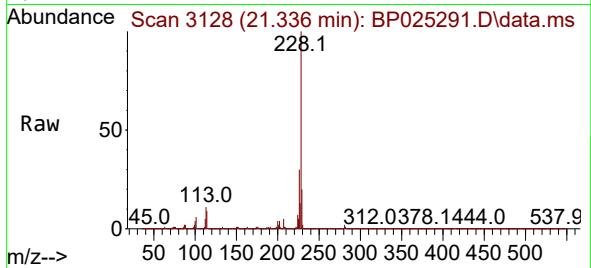
Tgt Ion:228 Resp: 5462560

Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.197 ng

RT: 21.242 min Scan# 3112

Delta R.T. -0.018 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

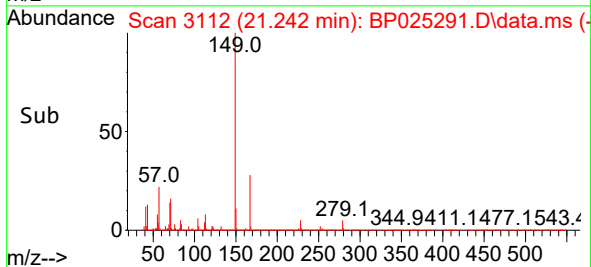
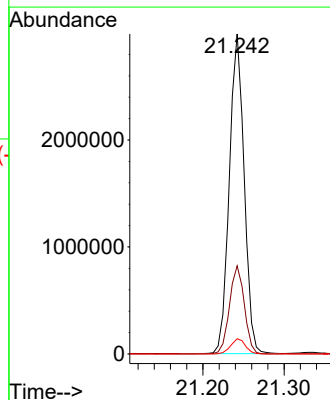
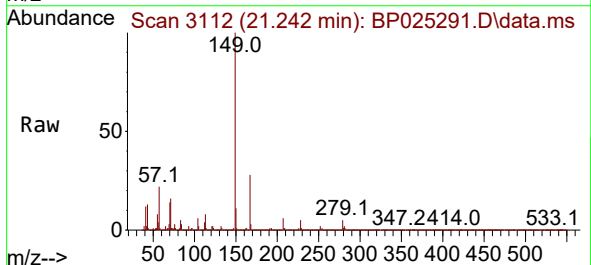
Tgt Ion:149 Resp: 3791191

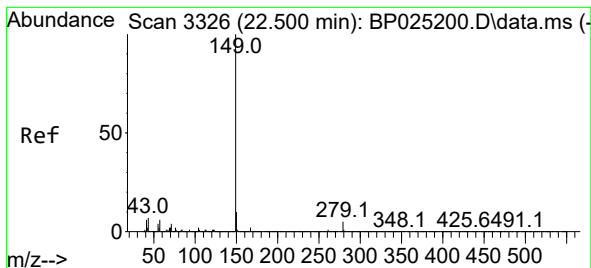
Ion Ratio Lower Upper

149 100

167 27.5 22.6 34.0

279 4.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 45.698 ng

RT: 22.448 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

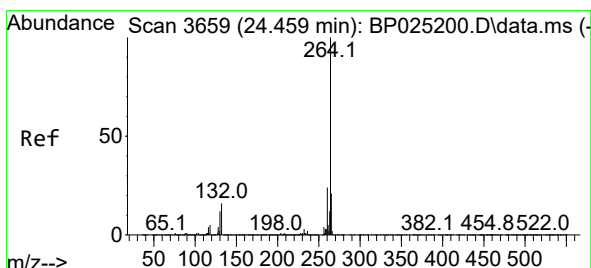
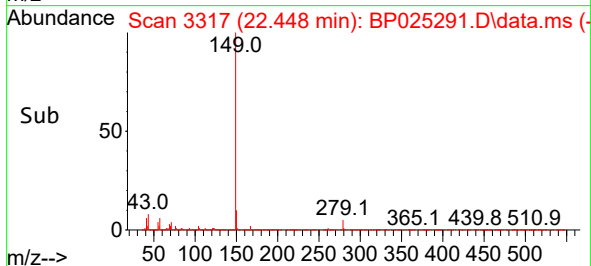
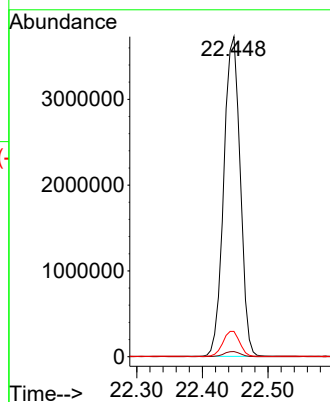
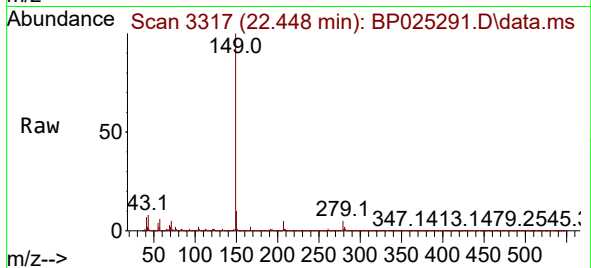
Tgt Ion:149 Resp: 6475967

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.383 min Scan# 3646

Delta R.T. -0.029 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

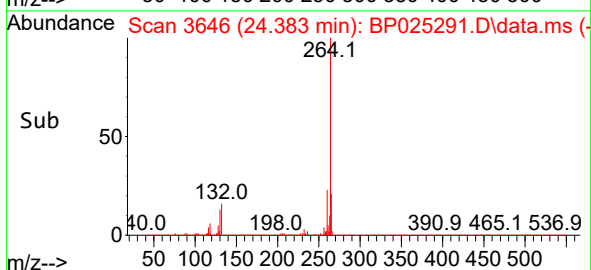
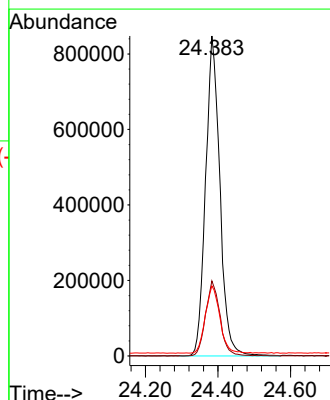
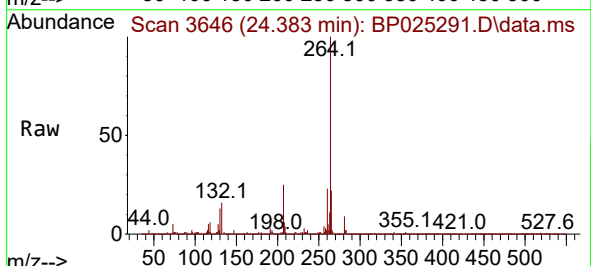
Tgt Ion:264 Resp: 2317878

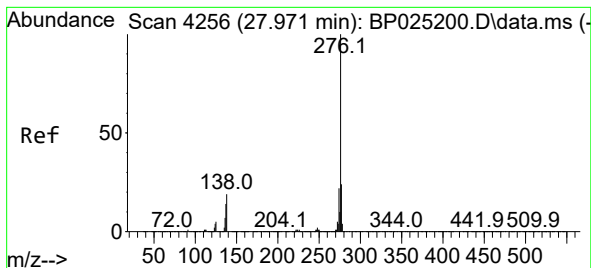
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.797 ng m

RT: 27.901 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

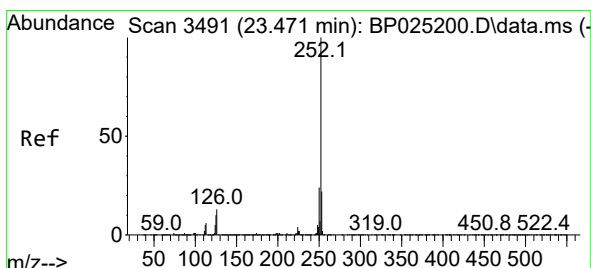
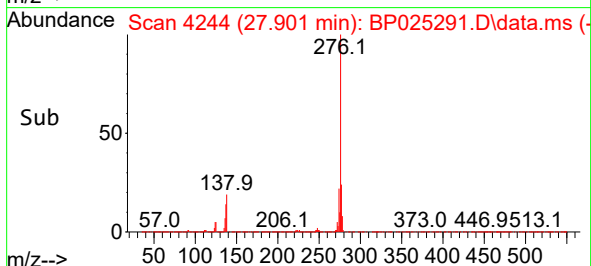
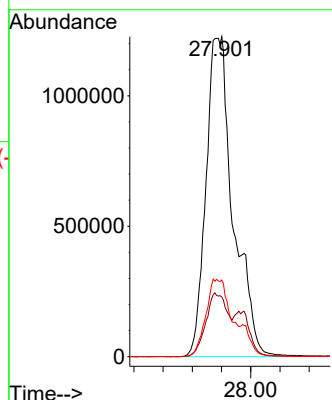
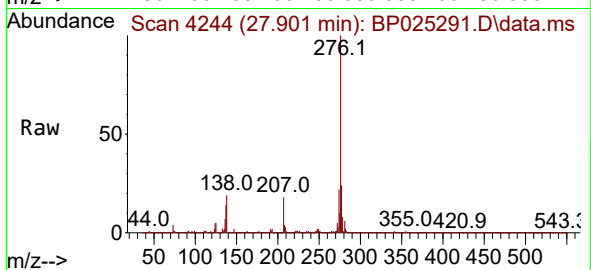
Tgt Ion:276 Resp: 7926770

Ion Ratio Lower Upper

276 100

138 0.0 12.8 19.2#

277 0.0 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 46.875 ng

RT: 23.424 min Scan# 3483

Delta R.T. -0.012 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

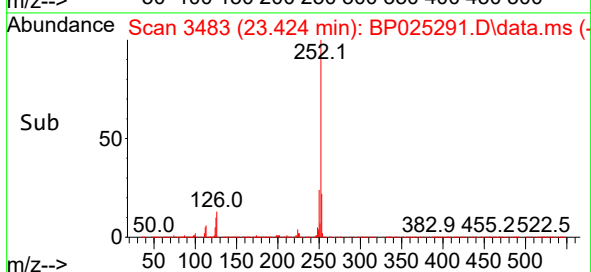
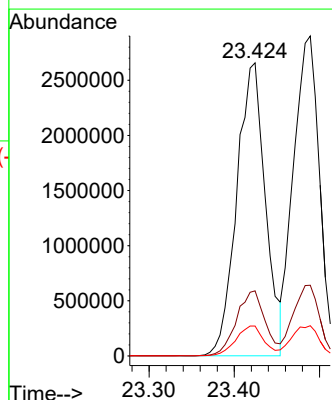
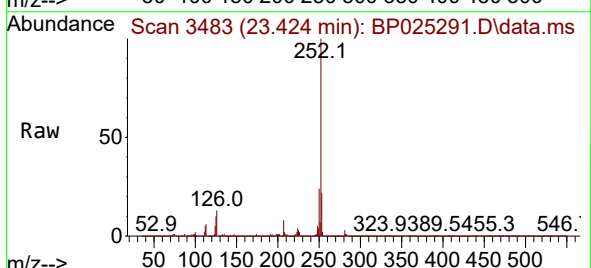
Tgt Ion:252 Resp: 6219256

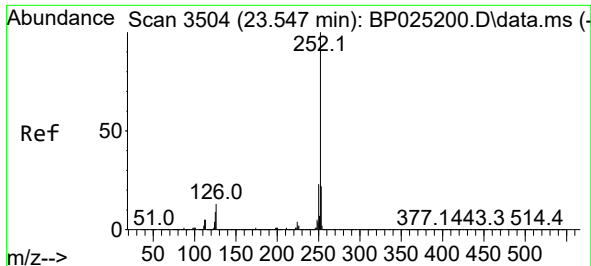
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 10.2 7.8 11.8

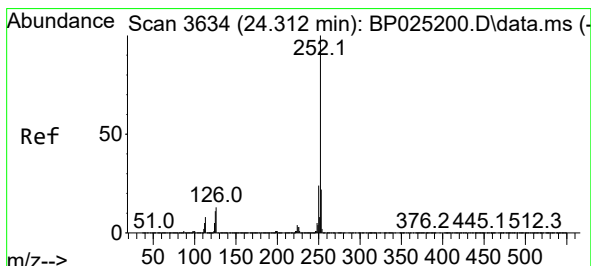
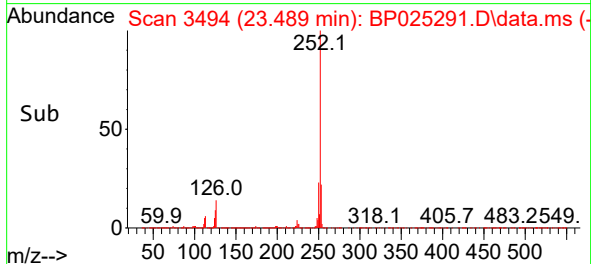
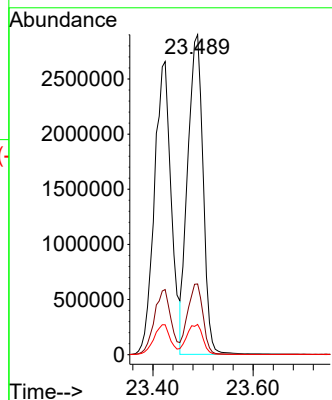
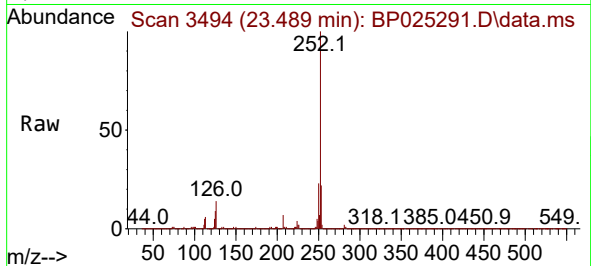




#89
Benzo(k)fluoranthene
Concen: 46.951 ng
RT: 23.489 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

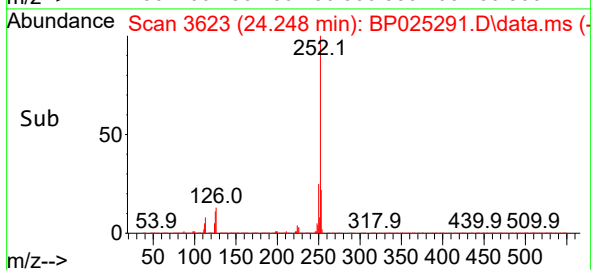
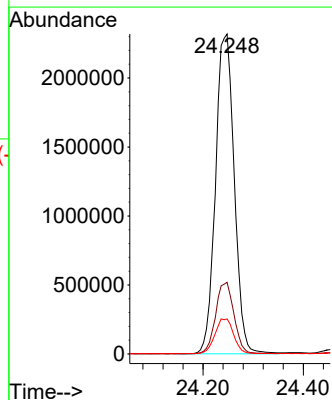
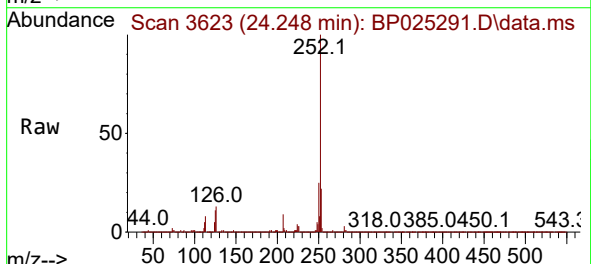
Instrument :
BNA_P
ClientSampleId :
PB169072BS

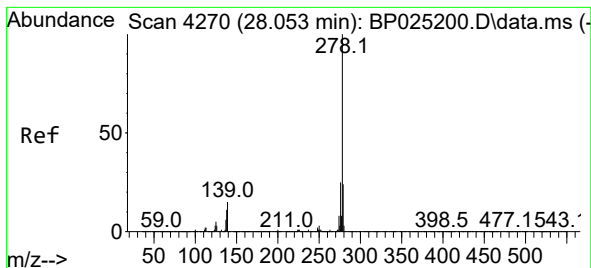
Tgt Ion:252 Resp: 6149817
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 46.431 ng
RT: 24.248 min Scan# 3623
Delta R.T. -0.029 min
Lab File: BP025291.D
Acq: 01 Aug 2025 12:54

Tgt Ion:252 Resp: 6010490
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.0 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 47.548 ng

RT: 27.977 min Scan# 41

Delta R.T. -0.035 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Instrument :

BNA_P

ClientSampleId :

PB169072BS

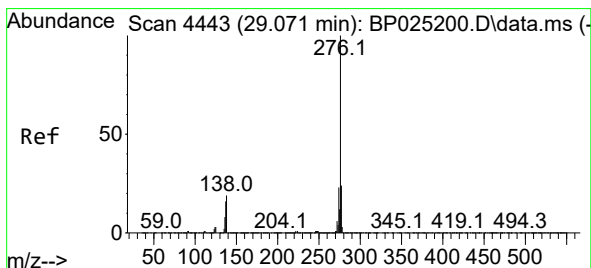
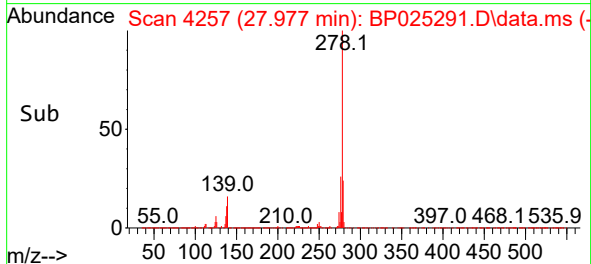
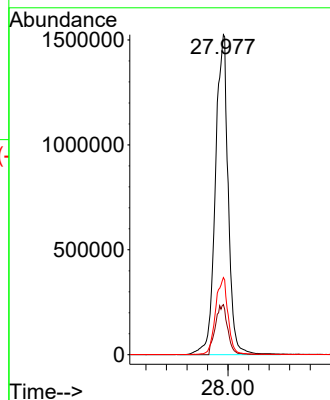
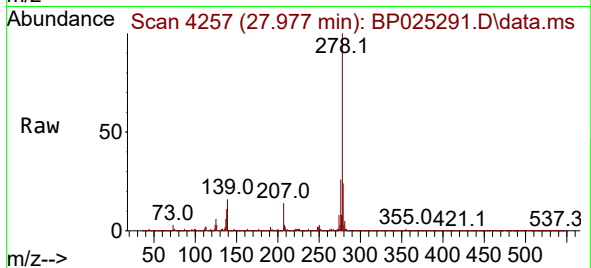
Tgt Ion:278 Resp: 6570740

Ion Ratio Lower Upper

278 100

139 15.7 12.0 18.0

279 24.1 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 47.243 ng

RT: 28.954 min Scan# 4423

Delta R.T. -0.041 min

Lab File: BP025291.D

Acq: 01 Aug 2025 12:54

Tgt Ion:276 Resp: 6415982

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 20.7 15.4 23.2

