

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100825\
 Data File : BP025958.D
 Acq On : 08 Oct 2025 18:10
 Operator : RC/JU
 Sample : Q3297-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP2MSD

Quant Time: Oct 08 18:49:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 08 16:22:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	138967	20.000	ng	0.00
21) Naphthalene-d8	10.490	136	557815	20.000	ng	0.00
39) Acenaphthene-d10	14.343	164	373747	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	749003	20.000	ng	0.00
76) Chrysene-d12	21.583	240	782253	20.000	ng	0.01
86) Perylene-d12	24.918	264	835050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	794956	93.367	ng	0.00
7) Phenol-d6	6.937	99	1089241	96.876	ng	0.00
23) Nitrobenzene-d5	8.878	82	630482	50.586	ng	0.00
42) 2,4,6-Tribromophenol	15.860	330	459562	98.461	ng	0.00
45) 2-Fluorobiphenyl	12.948	172	1420379	51.052	ng	0.00
79) Terphenyl-d14	19.866	244	2418828	55.756	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.296	88	132396	37.451	ng	97
3) Pyridine	3.696	79	371849	38.131	ng	93
4) n-Nitrosodimethylamine	3.602	42	179649	39.526	ng	90
6) Aniline	7.072	93	488890	31.794	ng	99
8) 2-Chlorophenol	7.319	128	456922	48.920	ng	96
9) Benzaldehyde	6.896	77	225714	30.751	ng	98
10) Phenol	6.966	94	574582	48.584	ng	98
11) bis(2-Chloroethyl)ether	7.161	93	428232	45.148	ng	95
12) 1,3-Dichlorobenzene	7.619	146	476024	44.786	ng	97
13) 1,4-Dichlorobenzene	7.766	146	489249	45.147	ng	99
14) 1,2-Dichlorobenzene	8.078	146	473559	45.130	ng	99
15) Benzyl Alcohol	7.978	79	433216	46.763	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.255	45	621050	40.530	ng	95
17) 2-Methylphenol	8.190	107	386924	48.459	ng	99
18) Hexachloroethane	8.790	117	182857	44.292	ng	98
19) n-Nitroso-di-n-propyla...	8.531	70	340023	43.742	ng	95
20) 3+4-Methylphenols	8.519	107	519640	46.818	ng	98
22) Acetophenone	8.549	105	745262	50.624	ng	# 98
24) Nitrobenzene	8.919	77	502342	45.008	ng	98
25) Isophorone	9.443	82	959683	43.875	ng	99
26) 2-Nitrophenol	9.625	139	251573	50.028	ng	91
27) 2,4-Dimethylphenol	9.696	122	421509	48.610	ng	99
28) bis(2-Chloroethoxy)met...	9.907	93	578834	45.588	ng	# 97
29) 2,4-Dichlorophenol	10.184	162	442844	50.697	ng	99
30) 1,2,4-Trichlorobenzene	10.360	180	465926	47.183	ng	97
31) Naphthalene	10.543	128	1350332	45.380	ng	99
32) Benzoic acid	9.907	122	344803	53.585	ng	99
33) 4-Chloroaniline	10.672	127	274967	22.278	ng	98
34) Hexachlorobutadiene	10.819	225	303460	47.517	ng	99
35) Caprolactam	11.478	113	149424	43.317	ng	90
36) 4-Chloro-3-methylphenol	11.807	107	504392	48.731	ng	98
37) 2-Methylnaphthalene	12.154	142	874223	45.870	ng	98
38) 1-Methylnaphthalene	12.366	142	905688	44.657	ng	100
40) 1,2,4,5-Tetrachloroben...	12.519	216	602164	53.238	ng	99
41) Hexachlorocyclopentadiene	12.496	237	397419	63.641	ng	100
43) 2,4,6-Trichlorophenol	12.778	196	370542	50.099	ng	99

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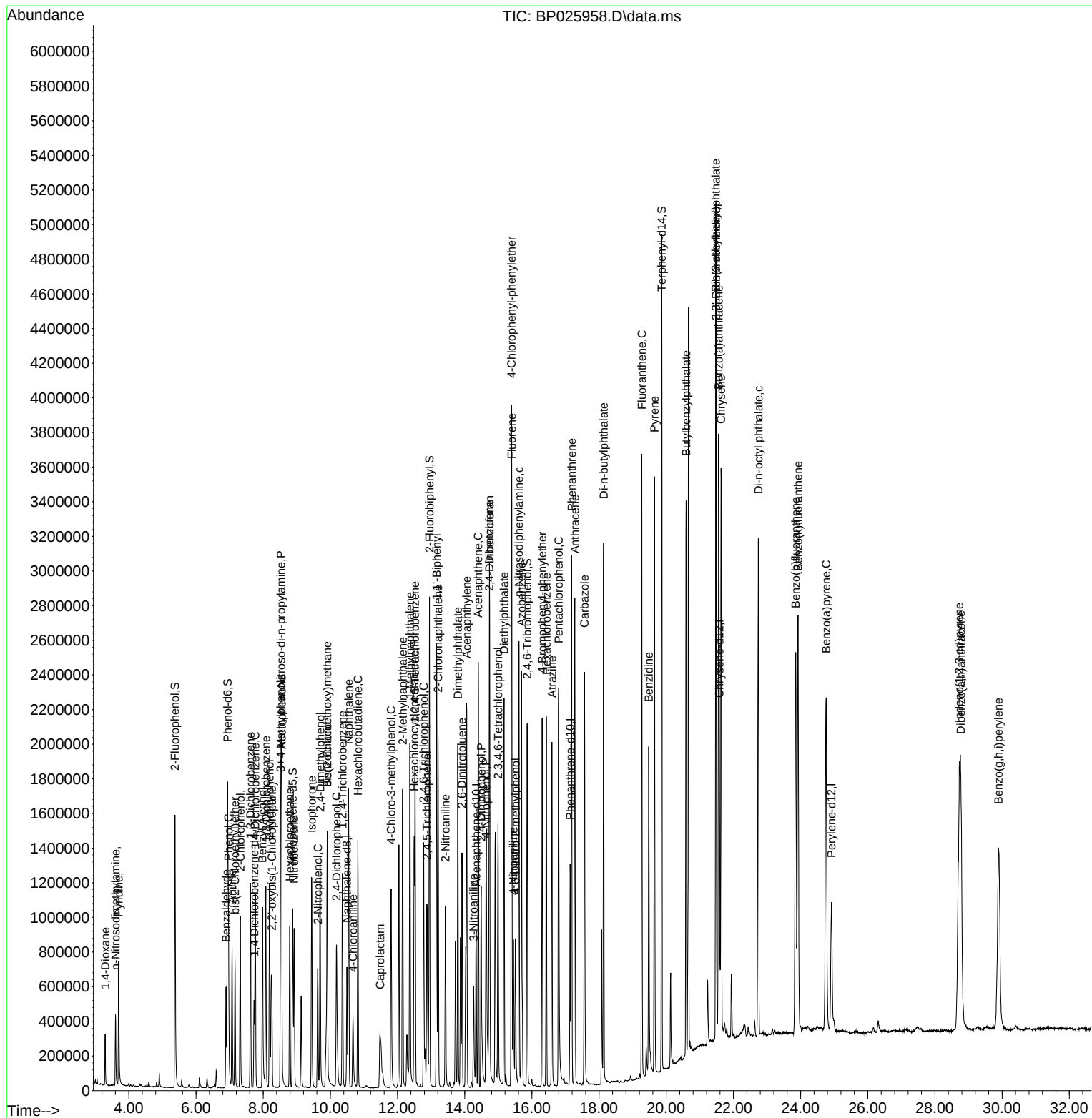
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44) 2,4,5-Trichlorophenol	12.872	196	402386	49.068	ng	95
46) 1,1'-Biphenyl	13.160	154	1393669	51.361	ng	99
47) 2-Chloronaphthalene	13.207	162	988634	46.145	ng	99
48) 2-Nitroaniline	13.425	65	330393	46.768	ng	94
49) Acenaphthylene	14.054	152	1644501	46.510	ng	100
50) Dimethylphthalate	13.795	163	1292583	45.907	ng	100
51) 2,6-Dinitrotoluene	13.919	165	287030	47.888	ng	96
52) Acenaphthene	14.401	154	924344	45.387	ng	100
53) 3-Nitroaniline	14.266	138	189863	30.269	ng	100
54) 2,4-Dinitrophenol	14.490	184	349073	88.243	ng	96
55) Dibenzofuran	14.743	168	1490927	44.943	ng	99
56) 4-Nitrophenol	14.631	139	364438	67.666	ng	96
57) 2,4-Dinitrotoluene	14.731	165	411855	48.500	ng	92
58) Fluorene	15.401	166	1218715	46.237	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.990	232	360821	48.983	ng	94
60) Diethylphthalate	15.172	149	1327504	46.350	ng	99
61) 4-Chlorophenyl-phenyle...	15.390	204	634538	47.421	ng	95
62) 4-Nitroaniline	15.448	138	284838	44.837	ng	96
63) Azobenzene	15.690	77	1329466	48.517	ng	97
65) 4,6-Dinitro-2-methylph...	15.513	198	250169	49.952	ng	91
66) n-Nitrosodiphenylamine	15.613	169	1088171	47.912	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	412510	50.201	ng	98
68) Hexachlorobenzene	16.431	284	459487	49.907	ng	92
69) Atrazine	16.595	200	418369	48.328	ng	97
70) Pentachlorophenol	16.795	266	540907	92.019	ng	99
71) Phenanthrene	17.184	178	1940191	46.240	ng	99
72) Anthracene	17.278	178	2019017	47.365	ng	99
73) Carbazole	17.566	167	1851515	47.067	ng	100
74) Di-n-butylphthalate	18.136	149	2286706	47.105	ng	99
75) Fluoranthene	19.272	202	2346008	46.675	ng	99
77) Benzidine	19.478	184	1245387	55.261	ng	99
78) Pyrene	19.648	202	2391327	46.138	ng	98
80) Butylbenzylphthalate	20.589	149	1084679	47.936	ng	98
81) Benzo(a)anthracene	21.560	228	2466567	46.581	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	568079	30.812	ng	99
83) Chrysene	21.630	228	2266194	44.826	ng	100
84) Bis(2-ethylhexyl)phtha...	21.477	149	1576342	47.917	ng	100
85) Di-n-octyl phthalate	22.742	149	2780448	47.224	ng	97
87) Indeno(1,2,3-cd)pyrene	28.724	276	2814436	46.909	ng	# 78
88) Benzo(b)fluoranthene	23.854	252	2379939	47.383	ng	99
89) Benzo(k)fluoranthene	23.924	252	2501966	48.797	ng	99
90) Benzo(a)pyrene	24.760	252	2325981	47.187	ng	97
91) Dibenzo(a,h)anthracene	28.771	278	2328116	47.343	ng	97
92) Benzo(g,h,i)perylene	29.895	276	2262510	46.772	ng	98

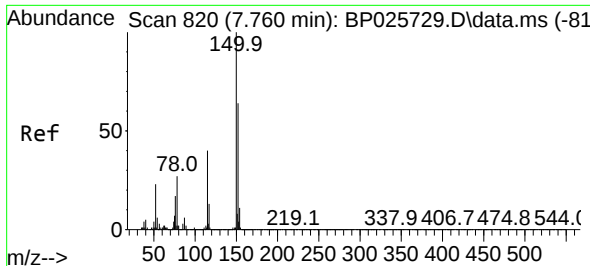
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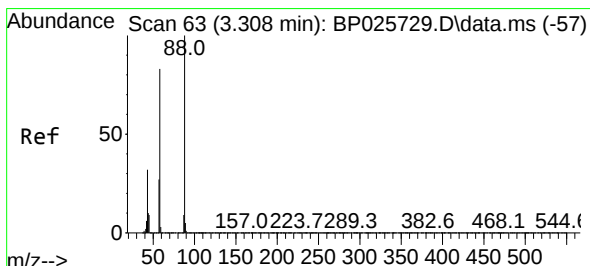
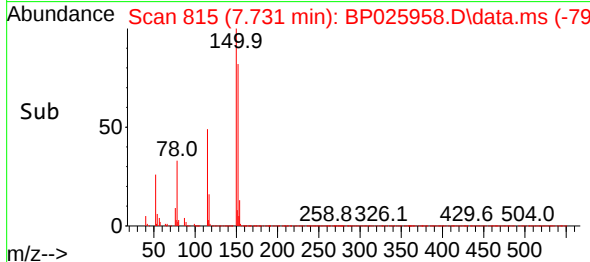
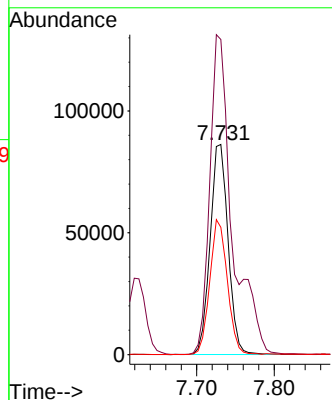
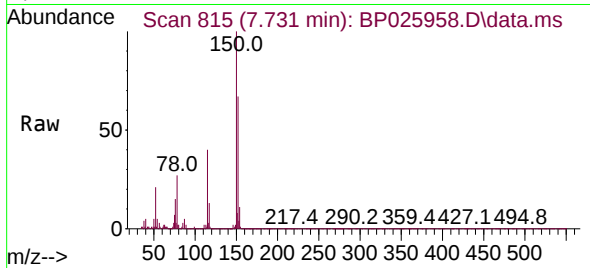




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.731 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP025958.D
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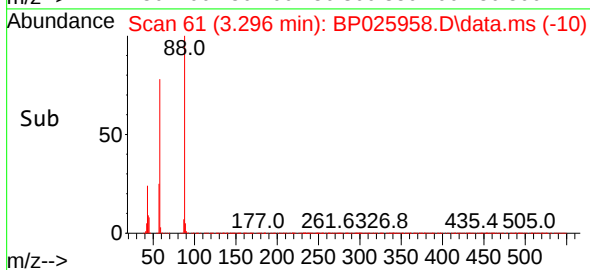
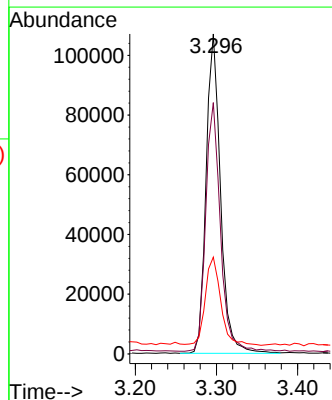
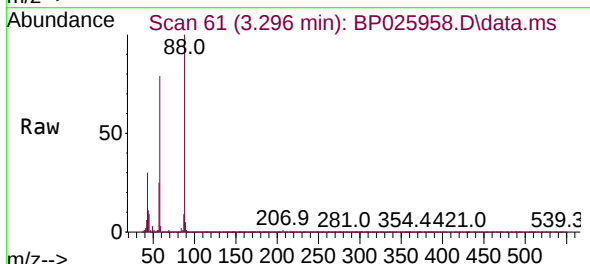
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BNA_P
ClientSampleId :
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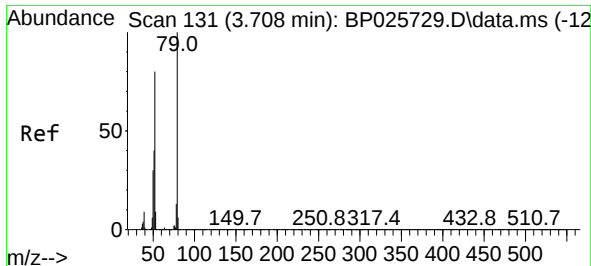
Tgt Ion:152 Resp: 138967
Ion Ratio Lower Upper
152 100
150 149.9 124.3 186.5
115 60.6 50.3 75.5



#2
1,4-Dioxane
Concen: 37.451 ng
RT: 3.296 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion: 88 Resp: 132396
Ion Ratio Lower Upper
88 100
58 79.3 65.5 98.3
43 29.6 25.2 37.8

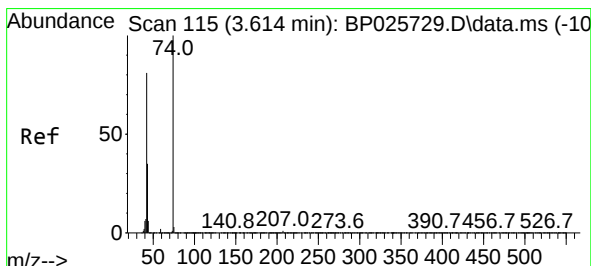
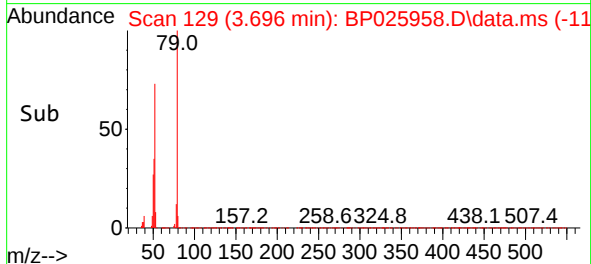
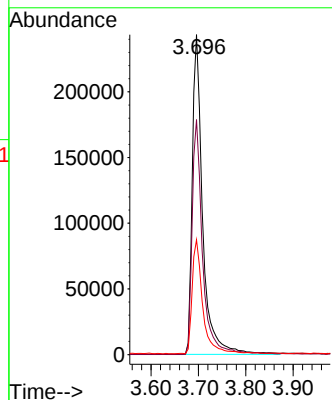
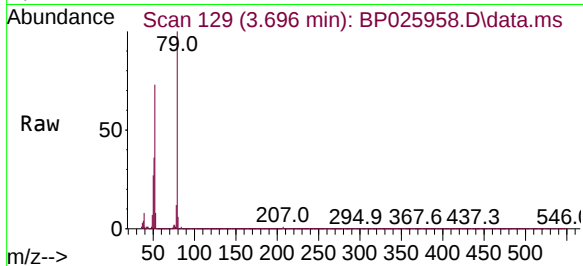




#3
Pyridine
Concen: 38.131 ng
RT: 3.696 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025958.D
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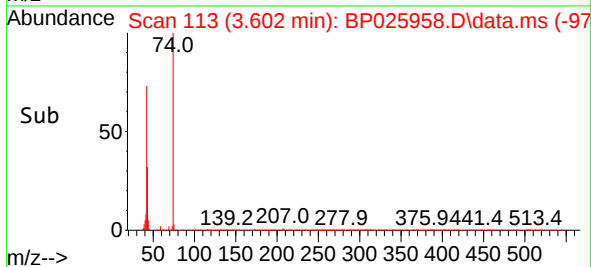
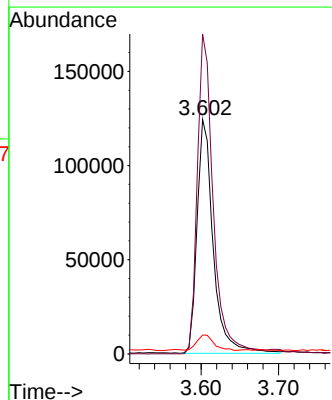
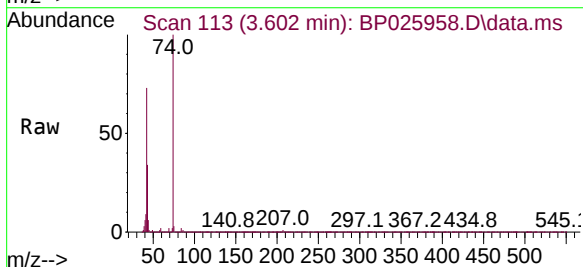
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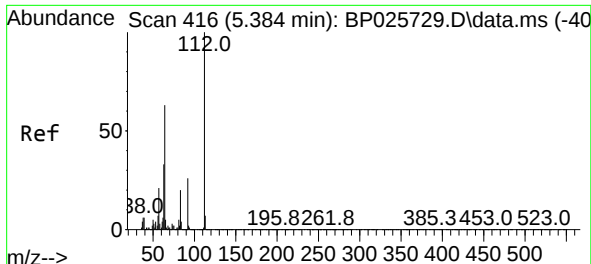
Tgt Ion: 79 Resp: 371849
Ion Ratio Lower Upper
79 100
52 73.4 63.7 95.5
51 35.9 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 39.526 ng
RT: 3.602 min Scan# 113
Delta R.T. -0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion: 42 Resp: 179649
Ion Ratio Lower Upper
42 100
74 136.5 99.2 148.8
44 8.0 6.4 9.6

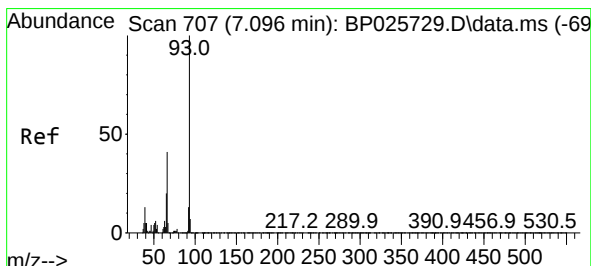
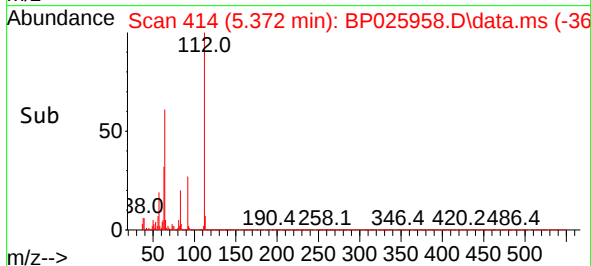
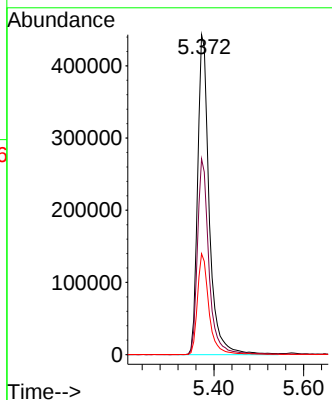
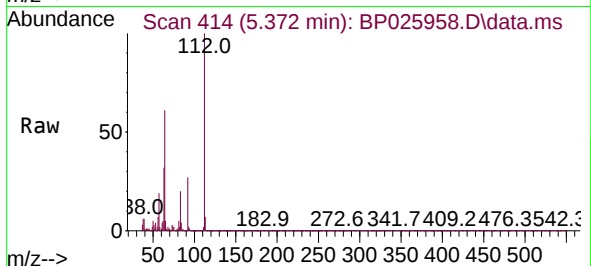




#5
2-Fluorophenol
Concen: 93.367 ng
RT: 5.372 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025958.D
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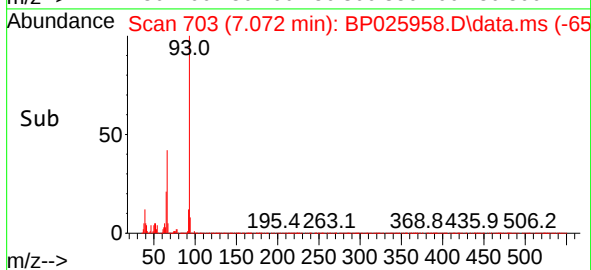
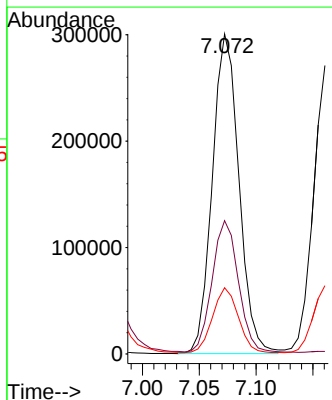
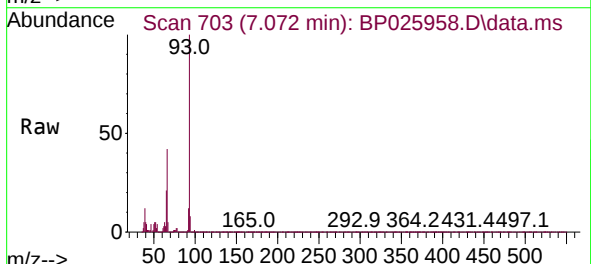
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Tgt Ion:112 Resp: 794956
Ion Ratio Lower Upper
112 100
64 61.2 50.2 75.4
63 31.5 26.7 40.1



#6
Aniline
Concen: 31.794 ng
RT: 7.072 min Scan# 703
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion: 93 Resp: 488890
Ion Ratio Lower Upper
93 100
66 41.6 32.6 49.0
65 20.7 16.2 24.2

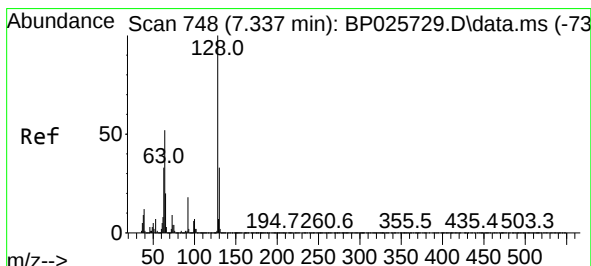
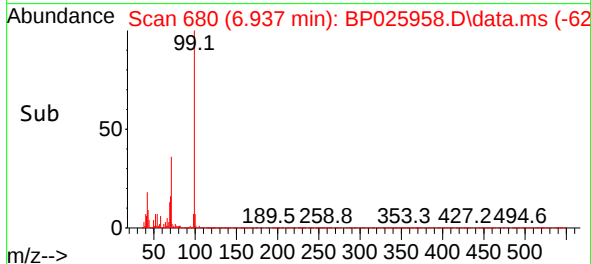
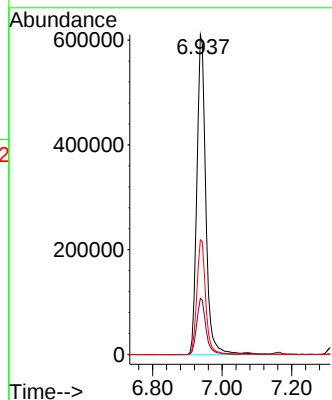
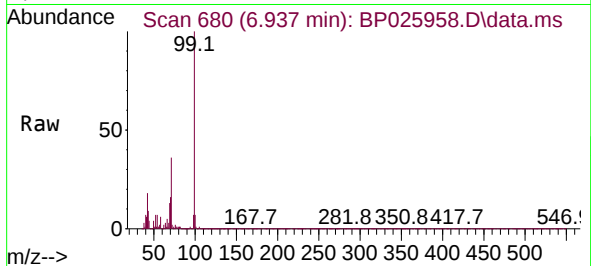




#7
Phenol-d6
Concen: 96.876 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP025958.D
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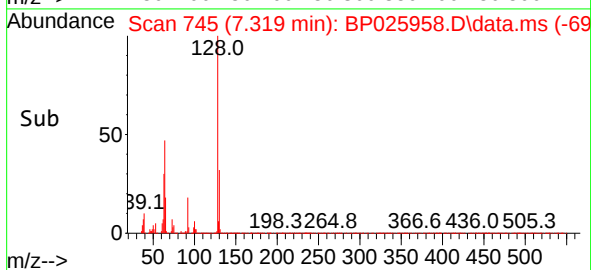
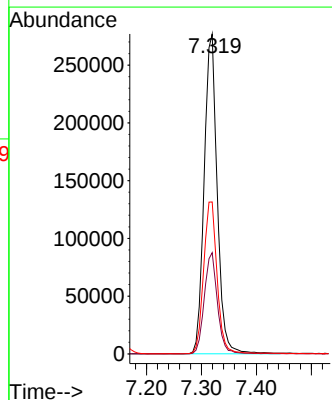
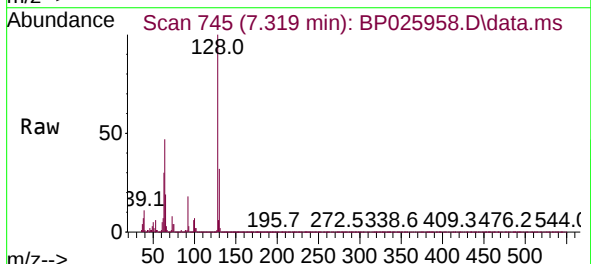
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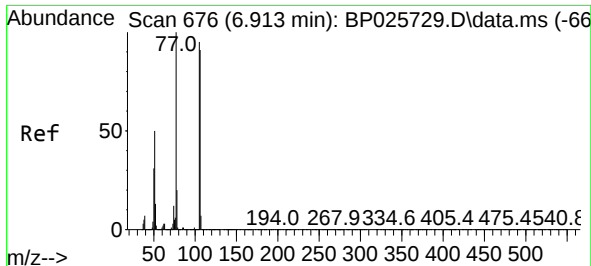
Tgt Ion: 99 Resp: 1089241
Ion Ratio Lower Upper
99 100
42 17.6 15.6 23.4
71 35.9 28.6 43.0



#8
2-Chlorophenol
Concen: 48.920 ng
RT: 7.319 min Scan# 745
Delta R.T. 0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:128 Resp: 456922
Ion Ratio Lower Upper
128 100
130 31.6 12.6 52.6
64 47.5 31.6 71.6

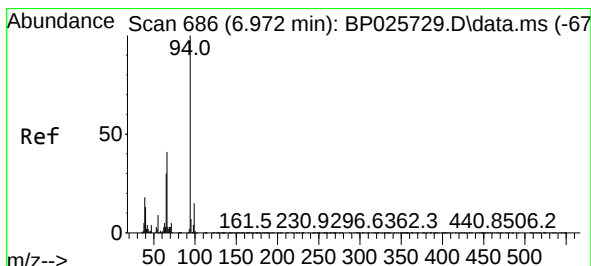
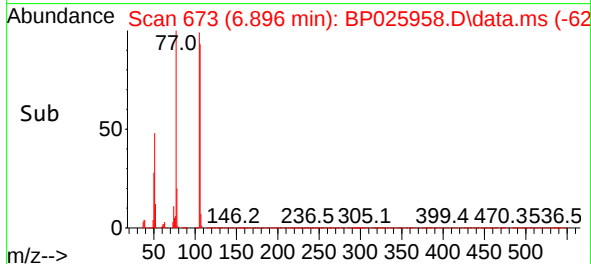
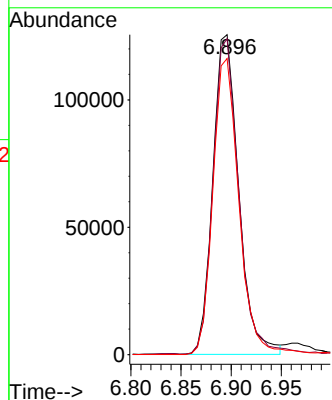
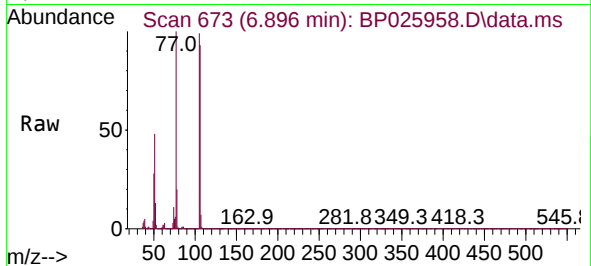




#9
Benzaldehyde
Concen: 30.751 ng
RT: 6.896 min Scan# 61
Delta R.T. -0.000 min
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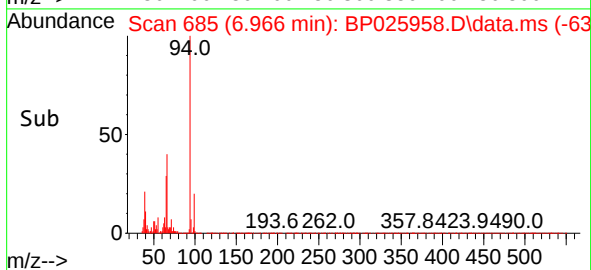
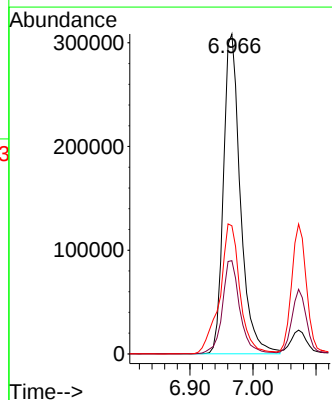
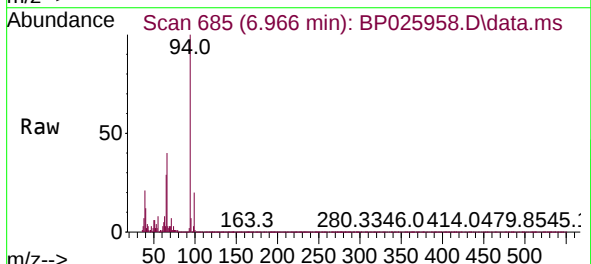
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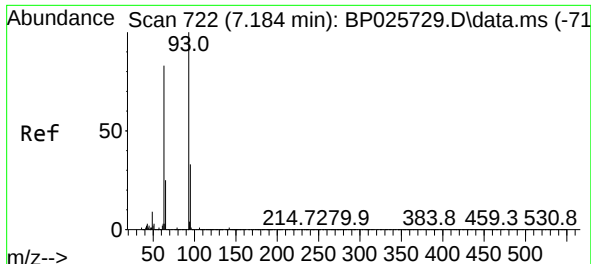
Tgt Ion: 77 Resp: 225714
Ion Ratio Lower Upper
77 100
105 98.7 75.2 115.2
106 92.5 71.3 111.3



#10
Phenol
Concen: 48.584 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025958.D
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Tgt Ion: 94 Resp: 574582
Ion Ratio Lower Upper
94 100
65 29.1 10.2 50.2
66 40.0 21.4 61.4

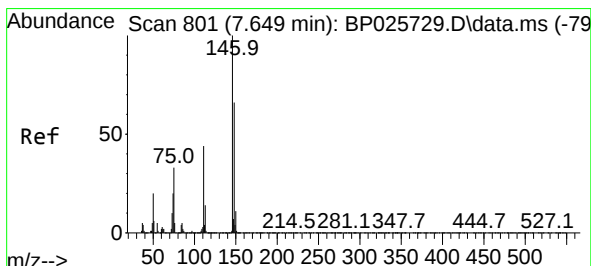
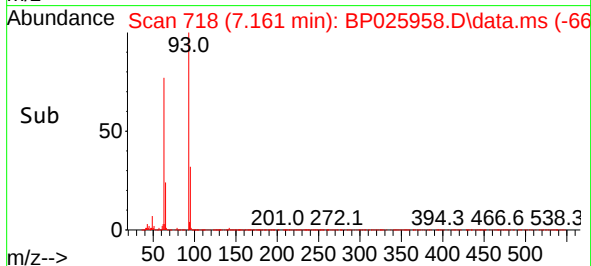
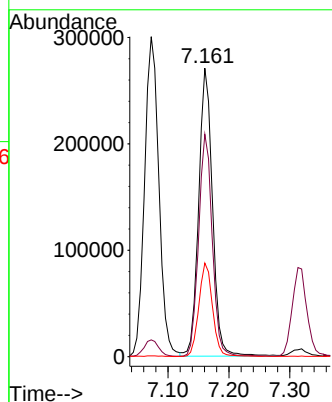
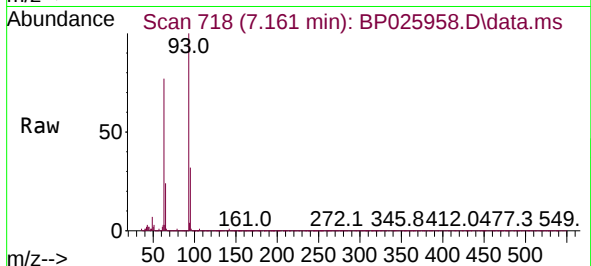




#11
bis(2-Chloroethyl)ether
Concen: 45.148 ng
RT: 7.161 min Scan# 718
Delta R.T. -0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

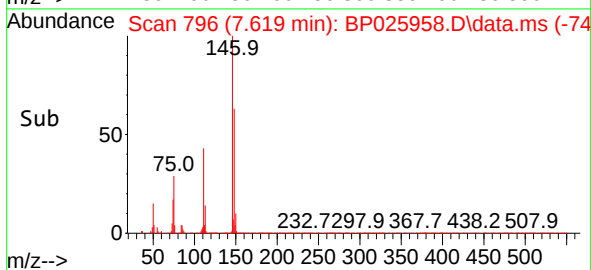
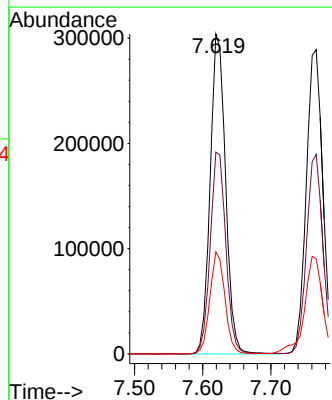
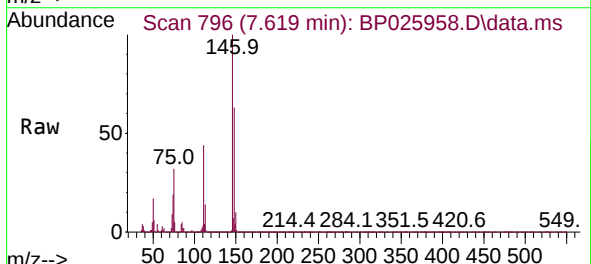
Instrument :
BNA_P
ClientSampleId :
TP2MSD

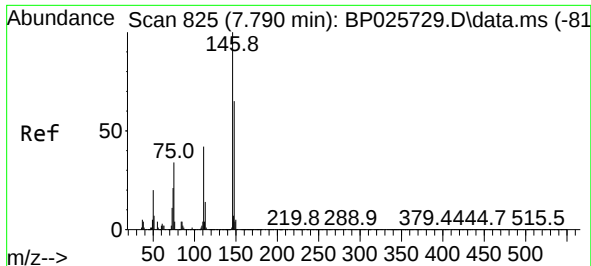
Tgt Ion: 93 Resp: 428232
Ion Ratio Lower Upper
93 100
63 77.1 62.6 102.6
95 32.4 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 44.786 ng
RT: 7.619 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:146 Resp: 476024
Ion Ratio Lower Upper
146 100
148 63.1 52.7 79.1
75 31.8 26.4 39.6

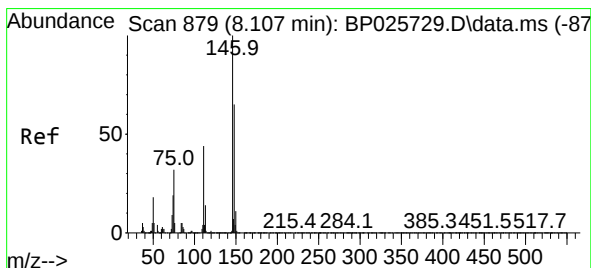
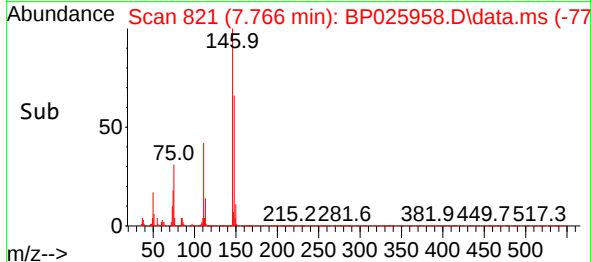
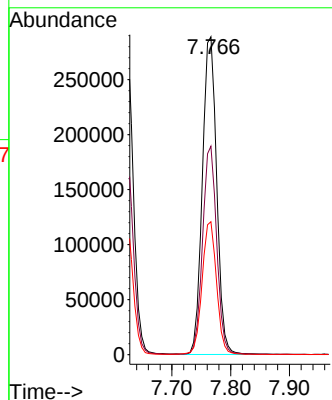
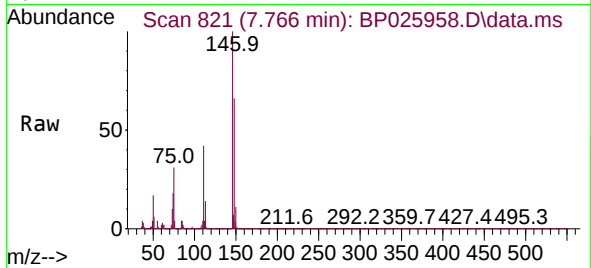




#13
1,4-Dichlorobenzene
Concen: 45.147 ng
RT: 7.766 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

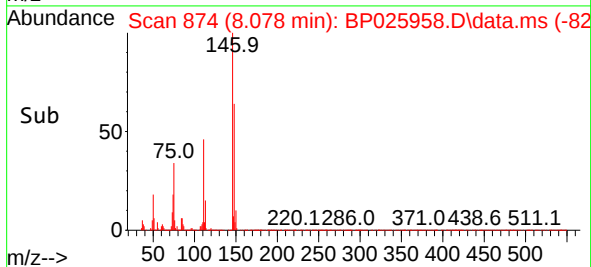
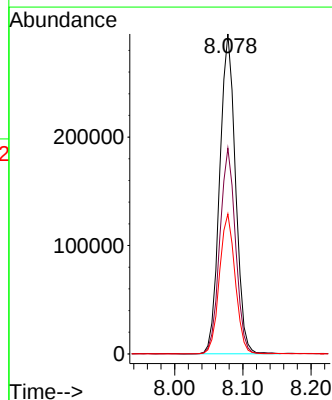
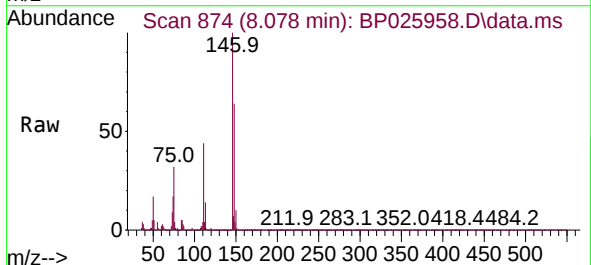
Instrument :
BNA_P
ClientSampleId :
TP2MSD

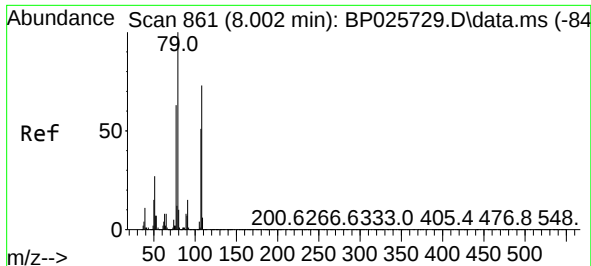
Tgt Ion:146 Resp: 489249
Ion Ratio Lower Upper
146 100
148 65.6 52.0 78.0
111 41.8 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 45.130 ng
RT: 8.078 min Scan# 874
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:146 Resp: 473559
Ion Ratio Lower Upper
146 100
148 64.3 51.7 77.5
111 43.7 35.5 53.3

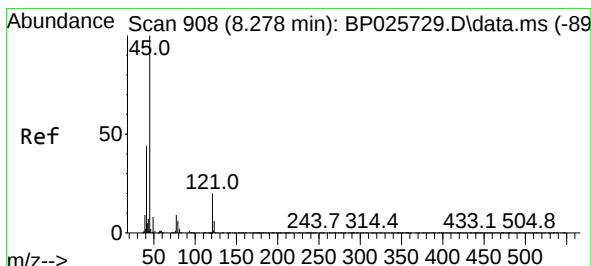
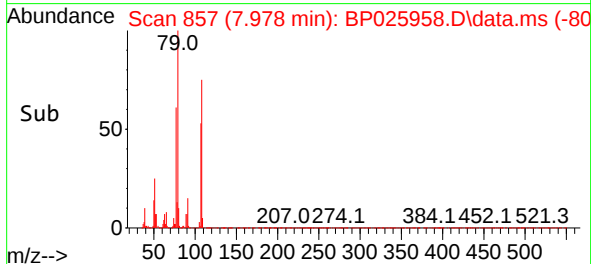
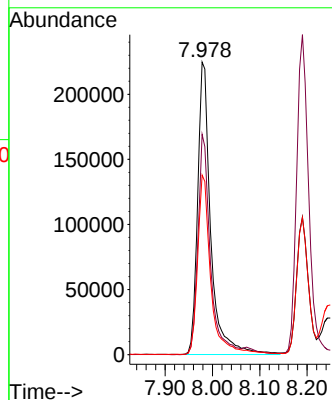
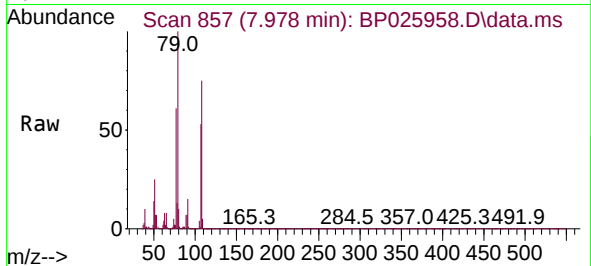




#15
Benzyl Alcohol
Concen: 46.763 ng
RT: 7.978 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

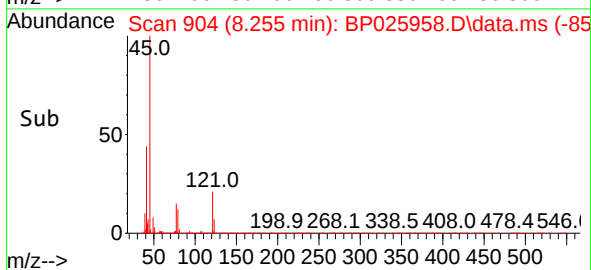
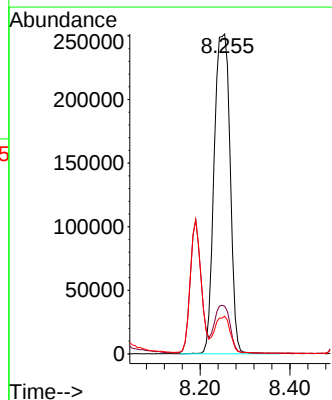
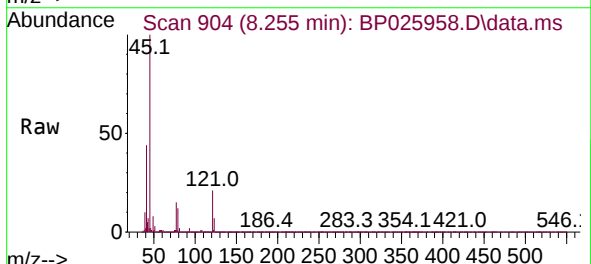
Instrument :
BNA_P
ClientSampleId :
TP2MSD

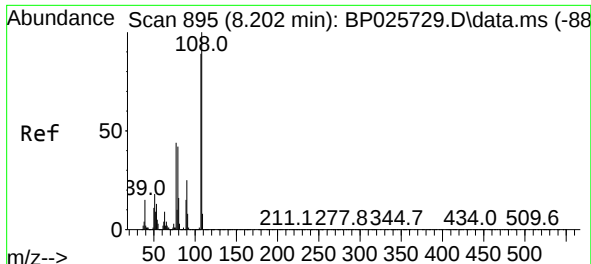
Tgt Ion: 79 Resp: 433216
Ion Ratio Lower Upper
79 100
108 75.3 58.7 88.1
77 61.4 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.530 ng
RT: 8.255 min Scan# 904
Delta R.T. 0.012 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion: 45 Resp: 621050
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.1
79 11.8 0.0 30.0



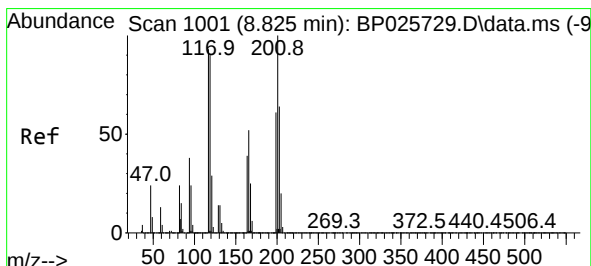
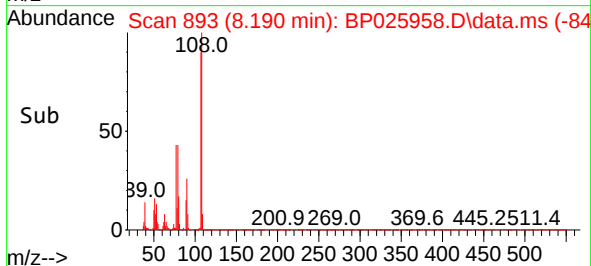
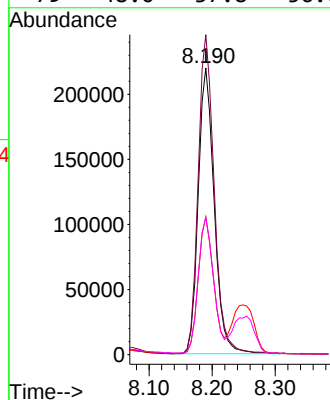
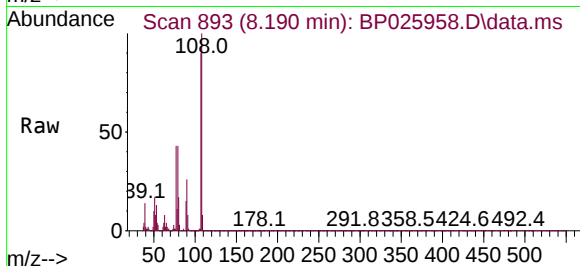


#17
2-Methylphenol
Concen: 48.459 ng
RT: 8.190 min Scan# 895
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Instrument :
BNA_P
ClientSampleId :
TP2MSD

Tgt Ion:107 Resp: 386924

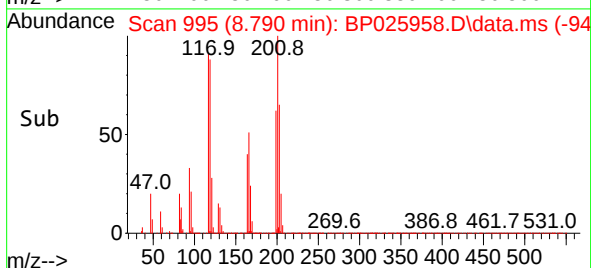
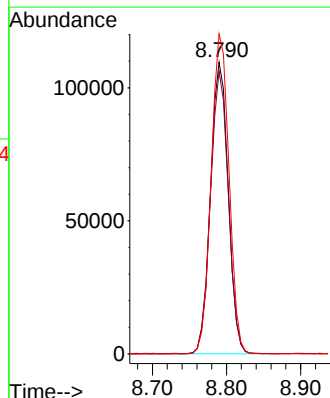
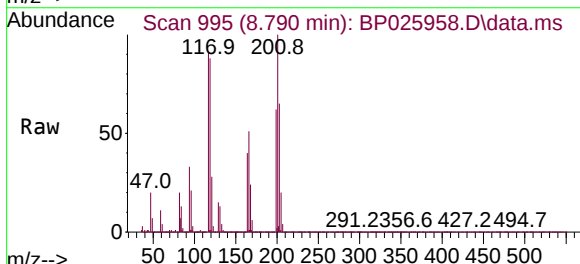
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.6	134.4
77	47.9	39.3	58.9
79	48.0	37.8	56.6

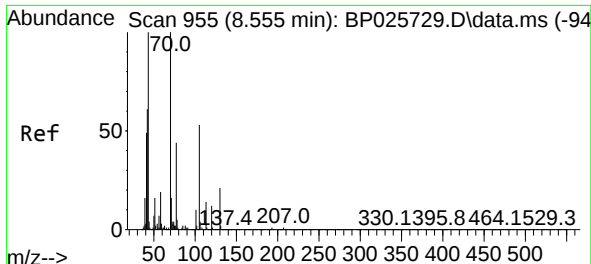


#18
Hexachloroethane
Concen: 44.292 ng
RT: 8.790 min Scan# 995
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:117 Resp: 182857

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.1	115.7
201	109.7	85.6	128.4

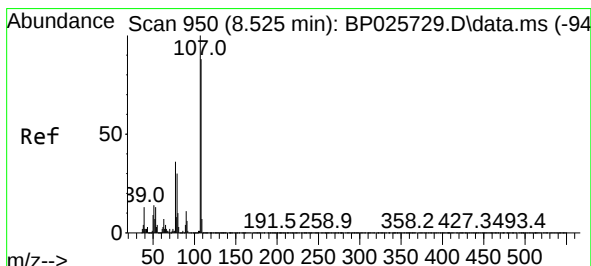
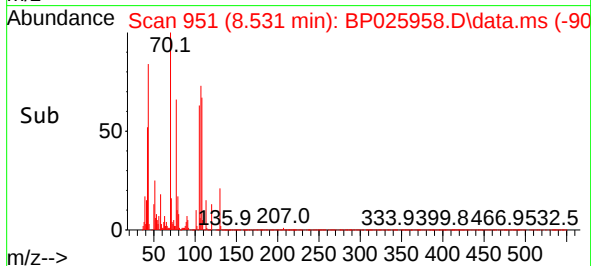
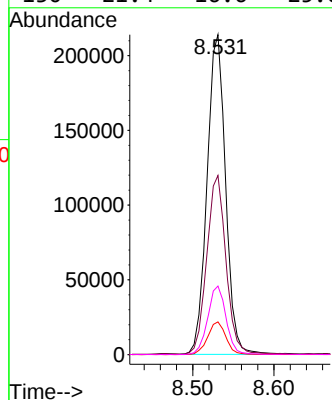
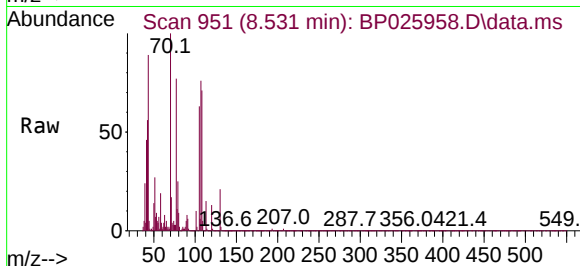




#19
n-Nitroso-di-n-propylamine
Concen: 43.742 ng
RT: 8.531 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

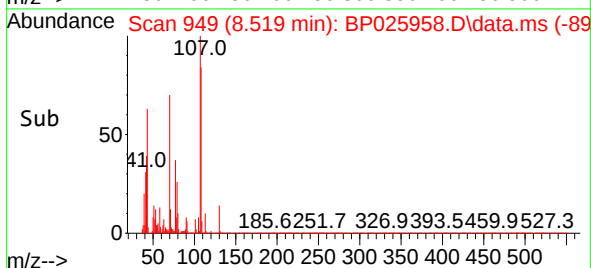
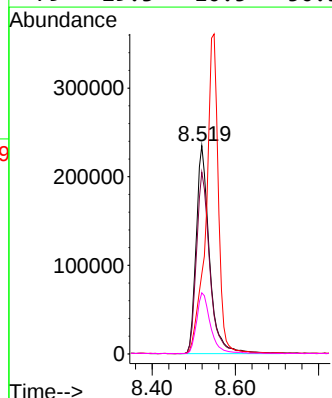
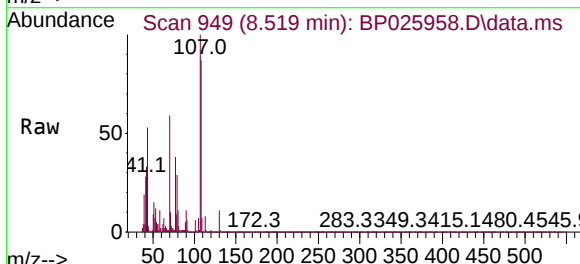
Instrument :
BNA_P
ClientSampleId :
TP2MSD

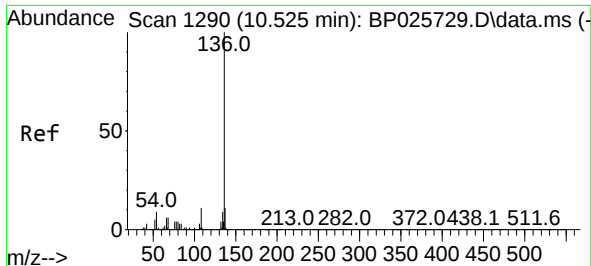
Tgt Ion: 70 Resp: 340023
Ion Ratio Lower Upper
70 100
42 56.0 49.0 73.4
101 10.2 7.9 11.9
130 21.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 46.818 ng
RT: 8.519 min Scan# 949
Delta R.T. 0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion: 107 Resp: 519640
Ion Ratio Lower Upper
107 100
108 87.2 67.8 107.8
77 38.4 16.1 56.1
79 29.3 10.5 50.5



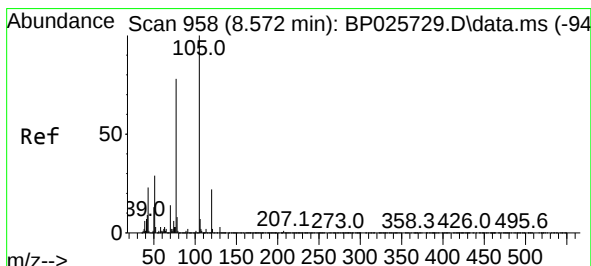
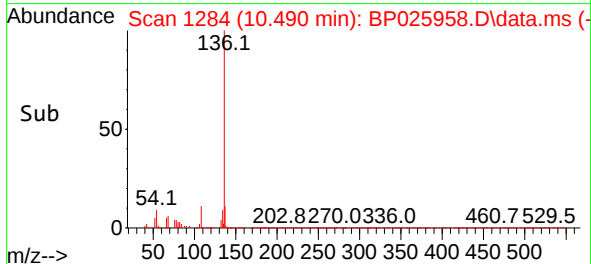
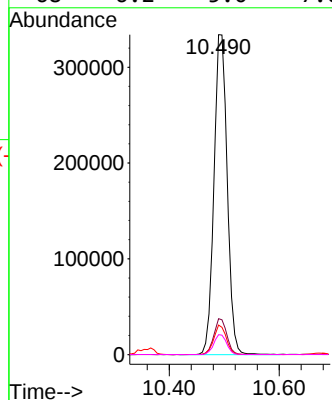
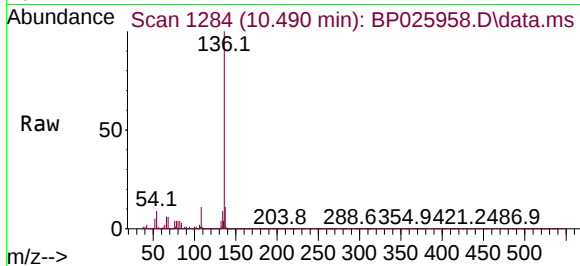


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Instrument :
BNA_P
ClientSampleId :
TP2MSD

Tgt Ion:136 Resp: 557815

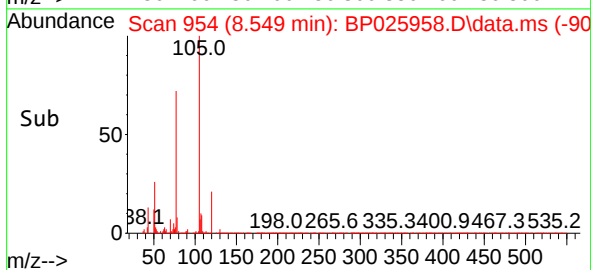
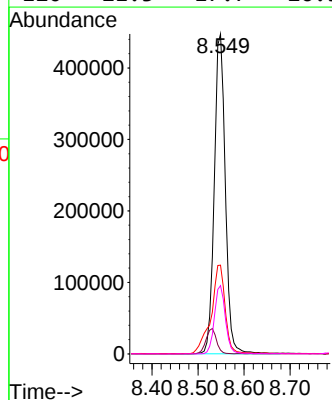
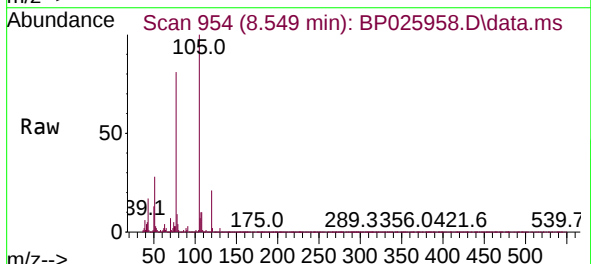
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.2	7.5	11.3
68	6.2	5.0	7.6

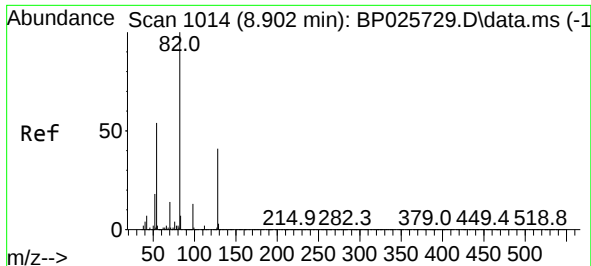


#22
Acetophenone
Concen: 50.624 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:105 Resp: 745262

Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.8	2.8
51	27.8	23.5	35.3
120	21.3	17.7	26.5

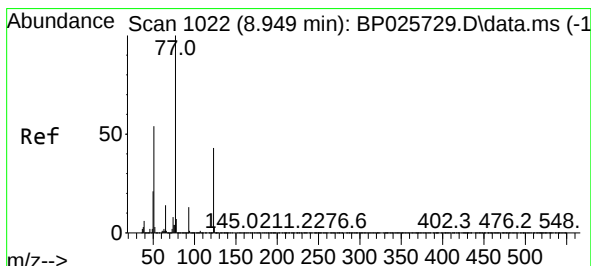
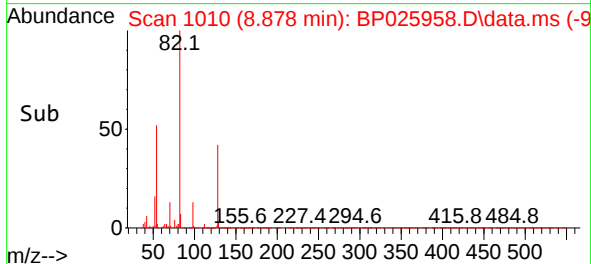
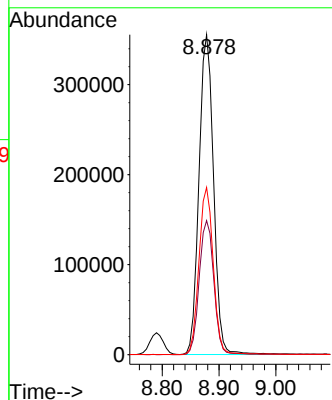
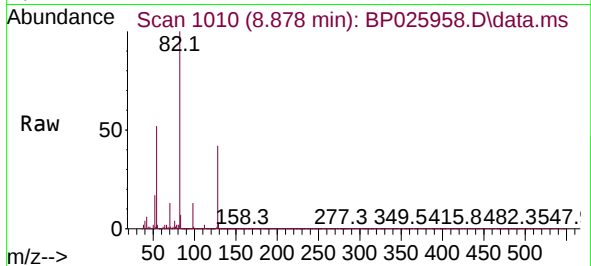




#23
Nitrobenzene-d5
Concen: 50.586 ng
RT: 8.878 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

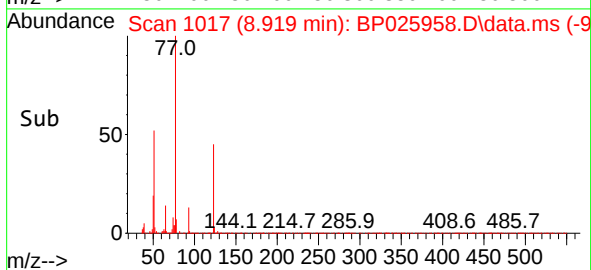
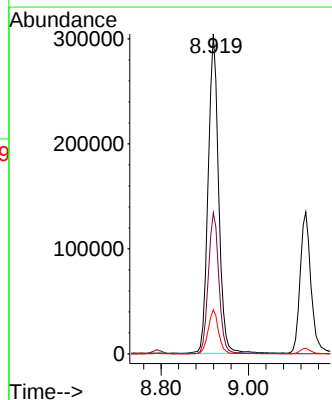
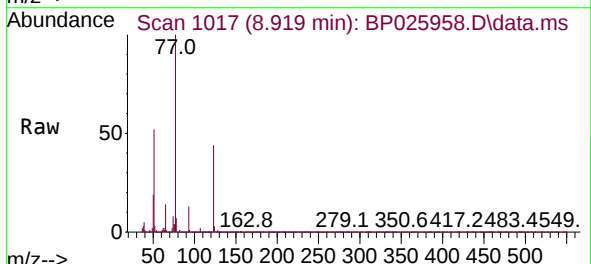
Instrument :
BNA_P
ClientSampleId :
TP2MSD

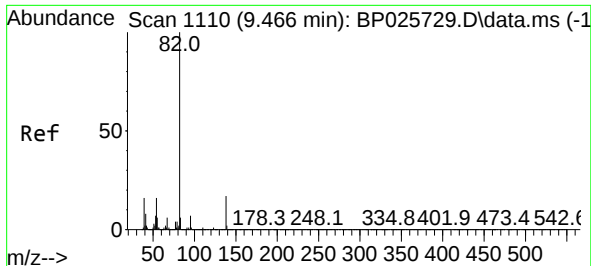
Tgt Ion: 82 Resp: 630482
Ion Ratio Lower Upper
82 100
128 41.9 32.9 49.3
54 52.2 43.4 65.2



#24
Nitrobenzene
Concen: 45.008 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

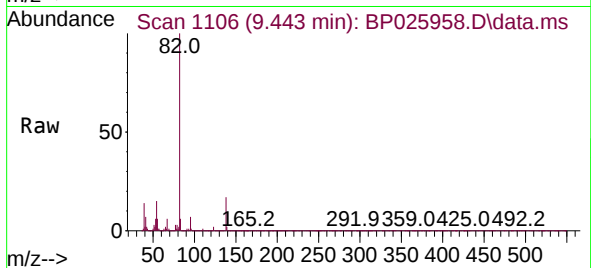
Tgt Ion: 77 Resp: 502342
Ion Ratio Lower Upper
77 100
123 44.1 34.4 51.6
65 13.8 10.8 16.2



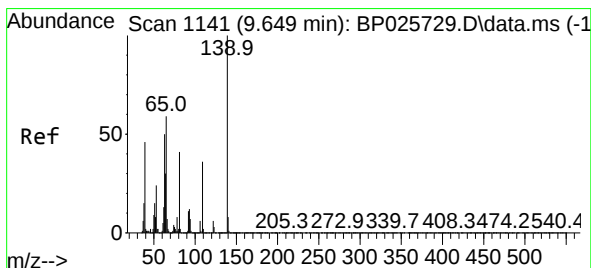
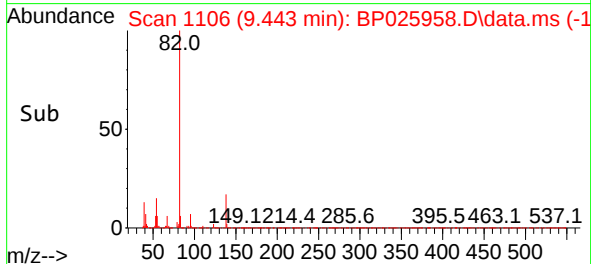
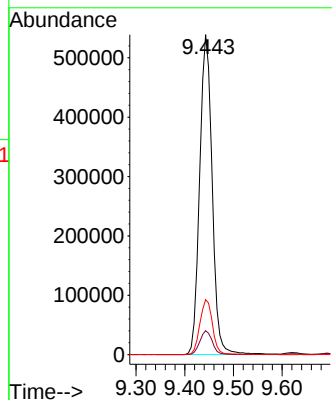


#25
Isophorone
Concen: 43.875 ng
RT: 9.443 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Instrument :
BNA_P
ClientSampleId :
TP2MSD

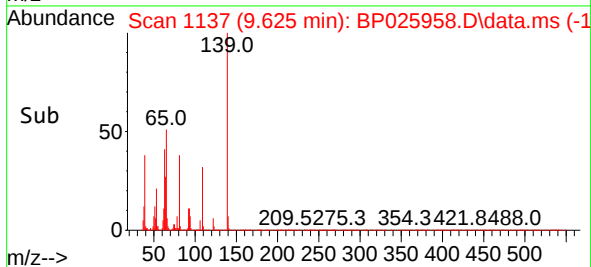
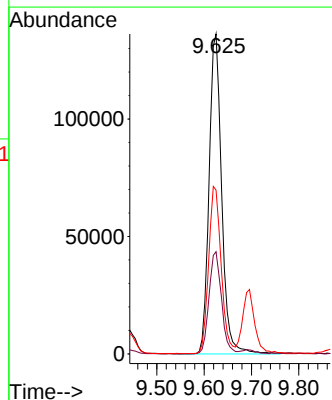
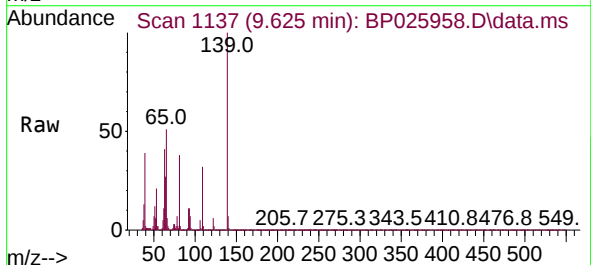


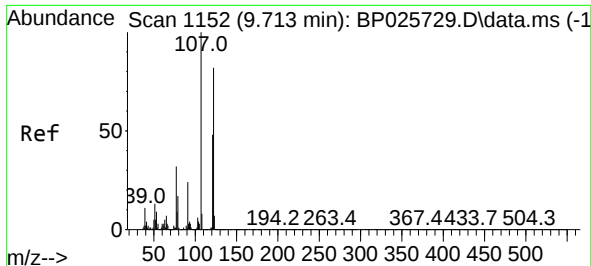
Tgt Ion: 82 Resp: 959683
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 17.2 13.5 20.3



#26
2-Nitrophenol
Concen: 50.028 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:139 Resp: 251573
Ion Ratio Lower Upper
139 100
109 31.9 29.0 43.4
65 51.2 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 48.610 ng

RT: 9.696 min Scan# 1149

Delta R.T. 0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

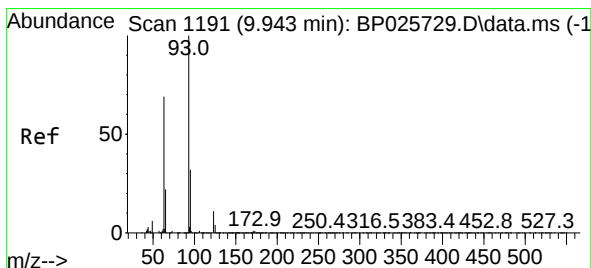
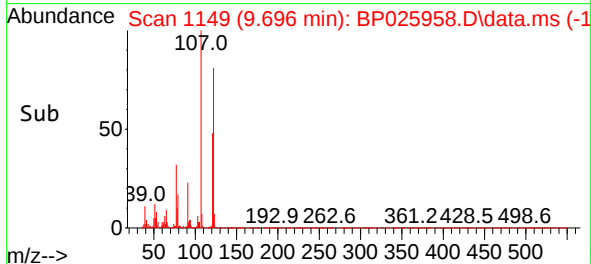
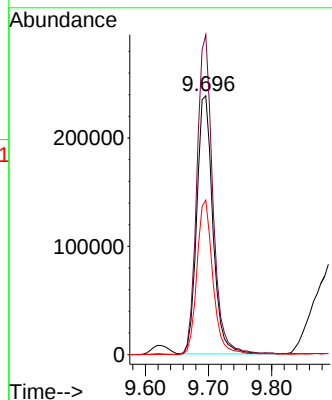
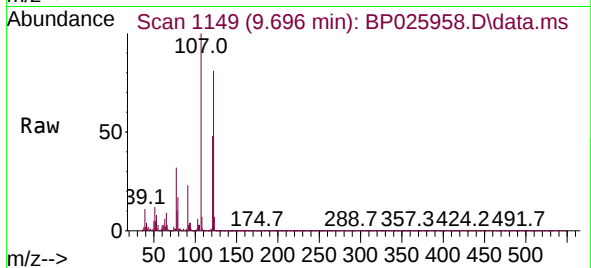
Tgt Ion:122 Resp: 421509

Ion Ratio Lower Upper

122 100

107 123.7 97.9 146.9

121 59.7 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.588 ng

RT: 9.907 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

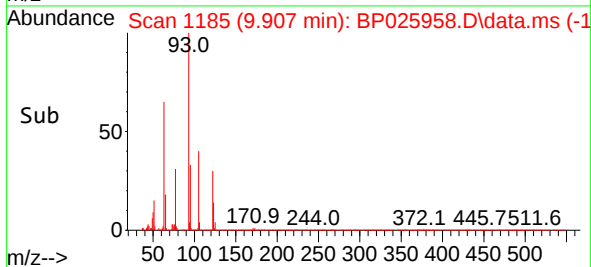
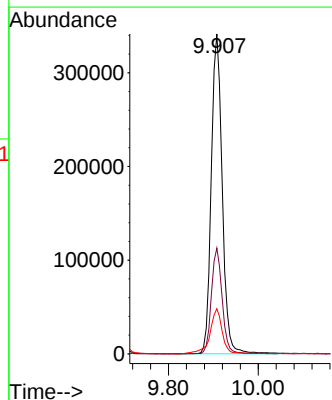
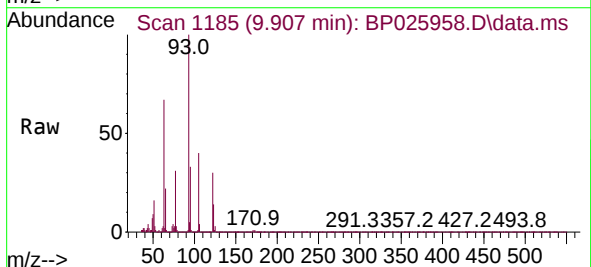
Tgt Ion: 93 Resp: 578834

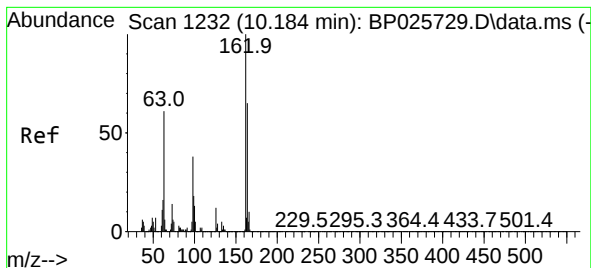
Ion Ratio Lower Upper

93 100

95 33.1 25.6 38.4

123 14.1 9.2 13.8#





#29

2,4-Dichlorophenol

Concen: 50.697 ng

RT: 10.184 min Scan# 1232

Delta R.T. 0.012 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

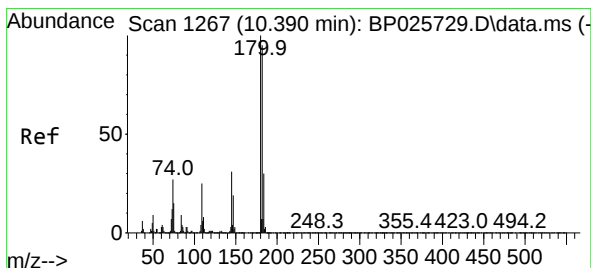
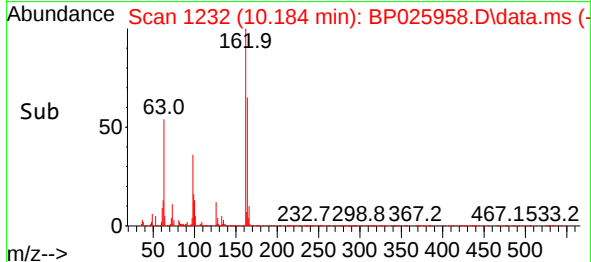
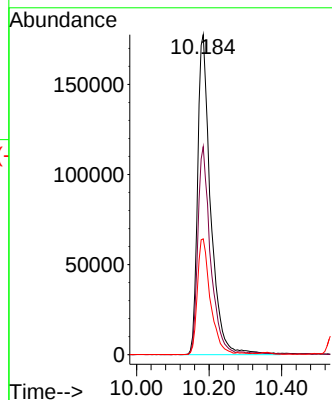
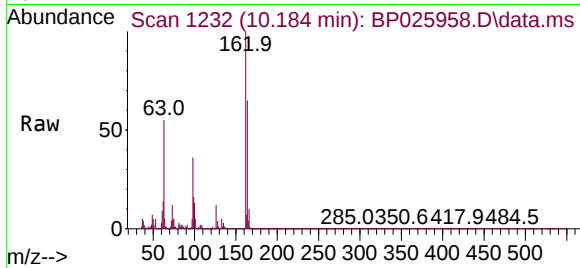
Tgt Ion:162 Resp: 442844

Ion Ratio Lower Upper

162 100

164 65.0 44.7 84.7

98 36.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 47.183 ng

RT: 10.360 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

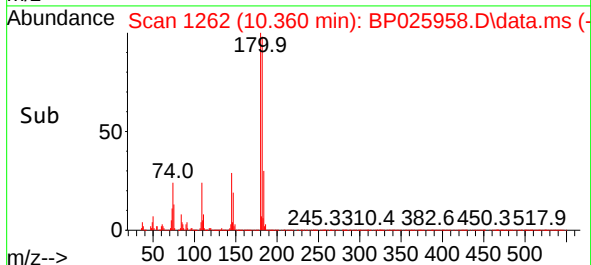
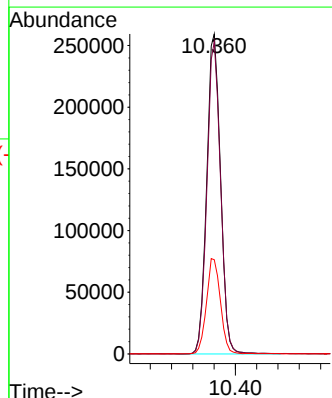
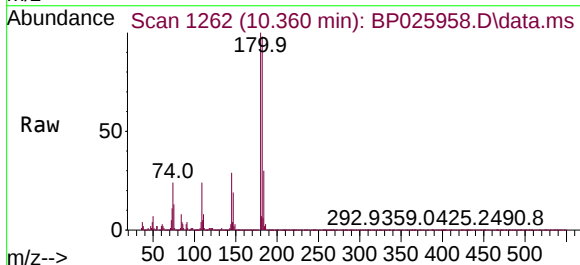
Tgt Ion:180 Resp: 465926

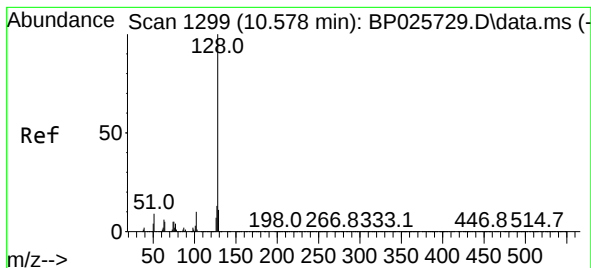
Ion Ratio Lower Upper

180 100

182 97.6 76.0 114.0

145 29.4 24.7 37.1





#31

Naphthalene

Concen: 45.380 ng

RT: 10.543 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

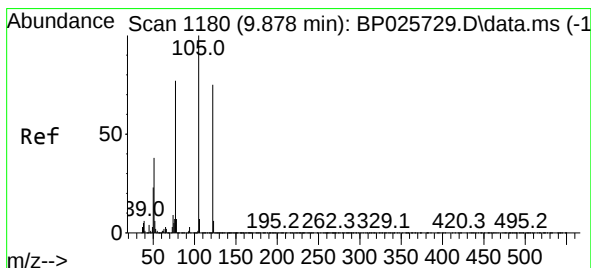
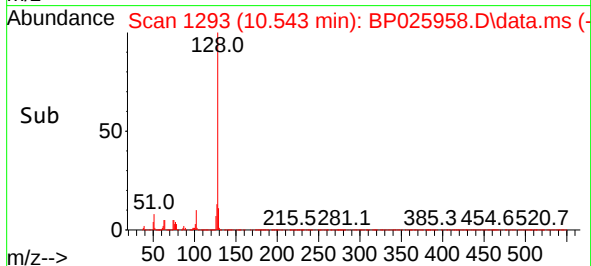
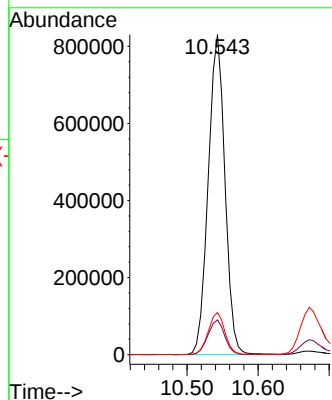
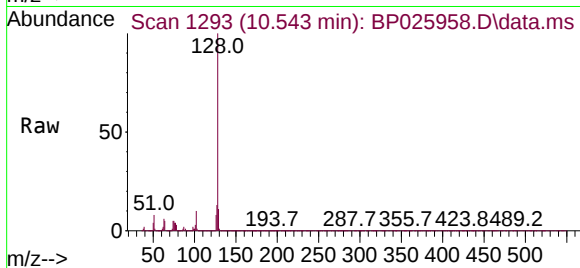
Tgt Ion:128 Resp: 1350332

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 13.1 10.2 15.4



#32

Benzoic acid

Concen: 53.585 ng

RT: 9.907 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

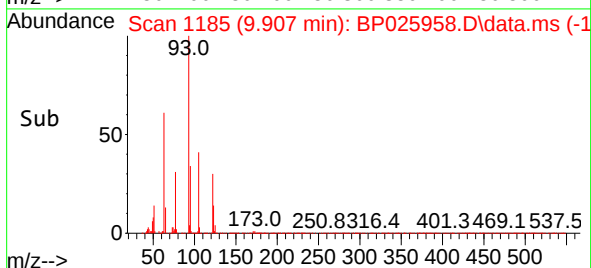
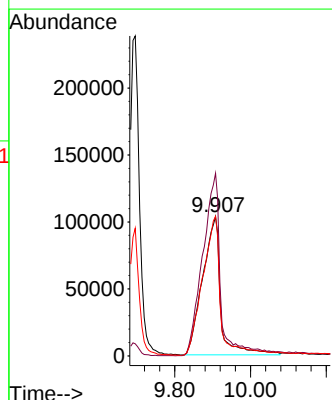
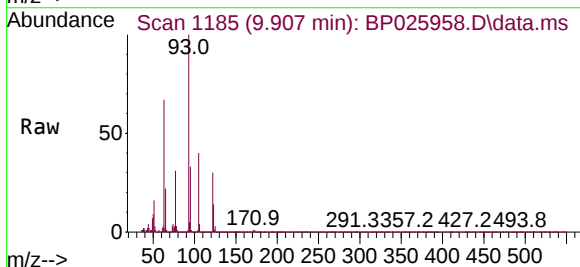
Tgt Ion:122 Resp: 344803

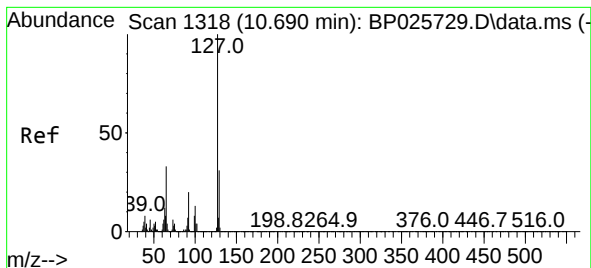
Ion Ratio Lower Upper

122 100

105 131.2 111.5 151.5

77 100.3 81.8 121.8





#33

4-Chloroaniline

Concen: 22.278 ng

RT: 10.672 min Scan# 1315

Delta R.T. 0.012 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

Tgt Ion:127 Resp: 274967

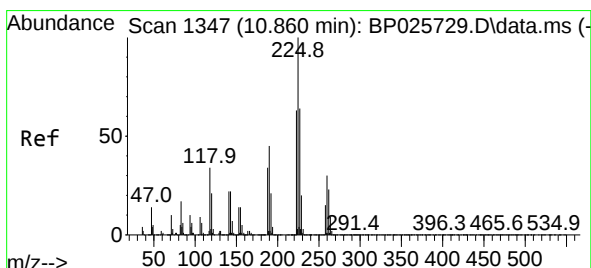
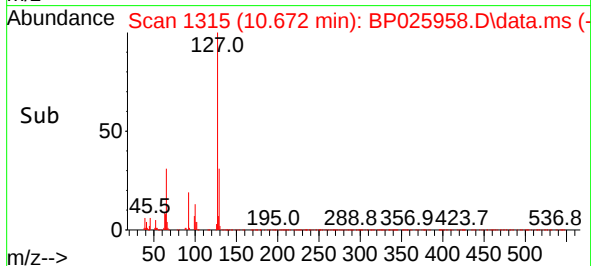
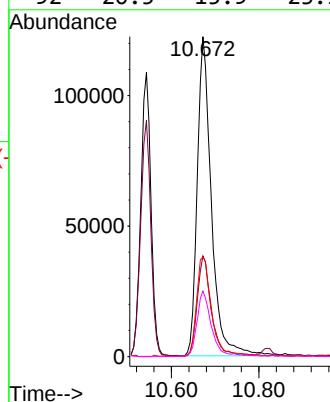
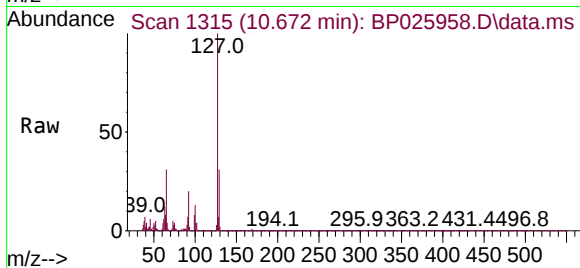
Ion Ratio Lower Upper

127 100

129 31.4 25.1 37.7

65 31.2 26.4 39.6

92 20.5 15.9 23.9



#34

Hexachlorobutadiene

Concen: 47.517 ng

RT: 10.819 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

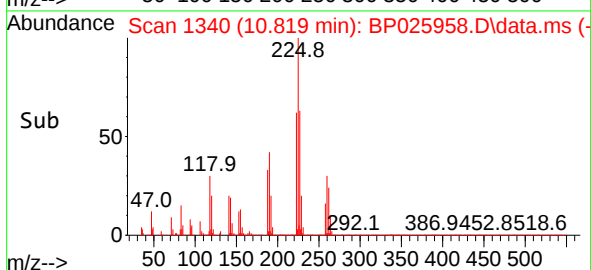
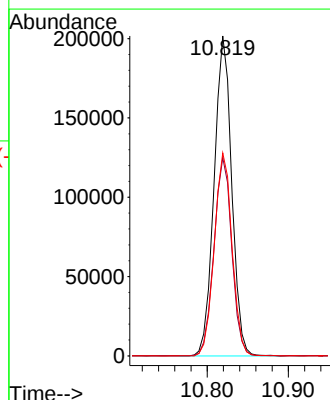
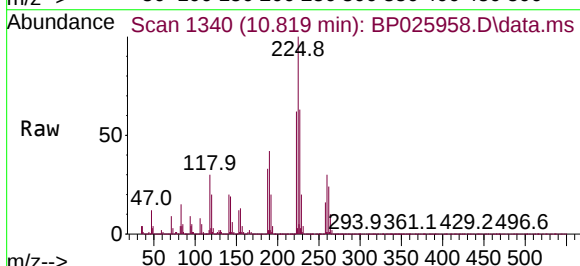
Tgt Ion:225 Resp: 303460

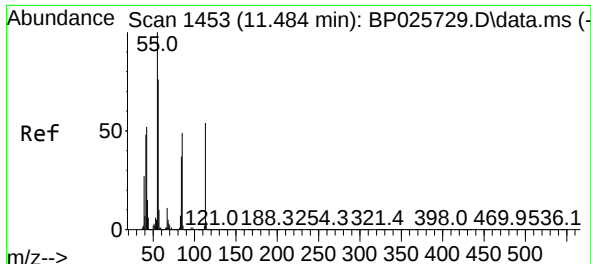
Ion Ratio Lower Upper

225 100

223 61.9 50.1 75.1

227 63.4 51.2 76.8

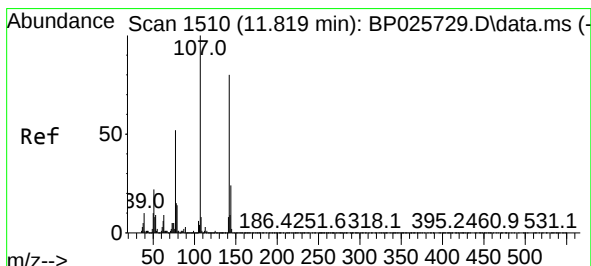
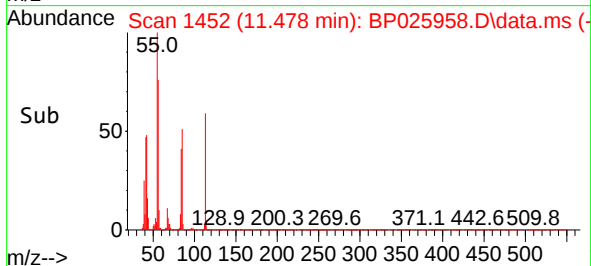
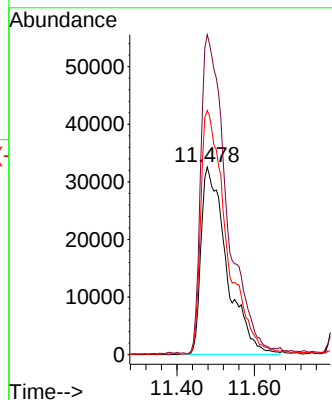
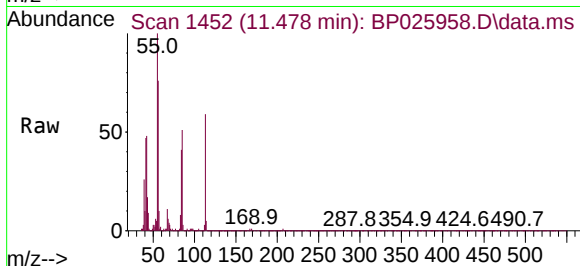




#35
Caprolactam
Concen: 43.317 ng
RT: 11.478 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

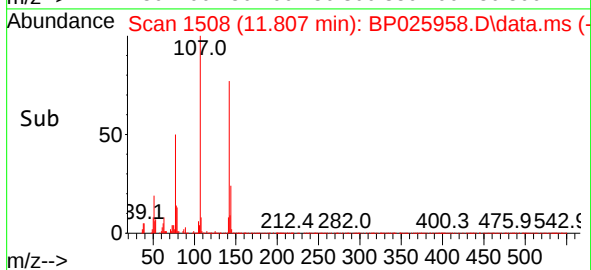
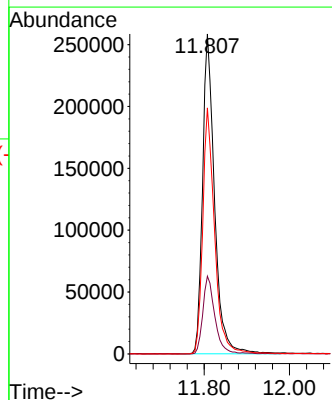
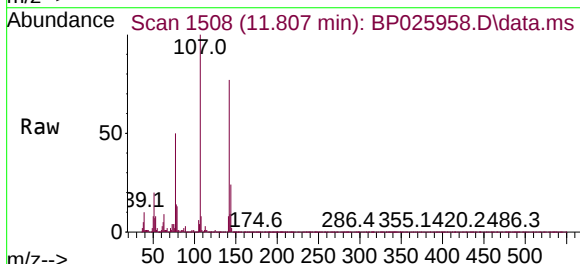
Instrument :
BNA_P
ClientSampleId :
TP2MSD

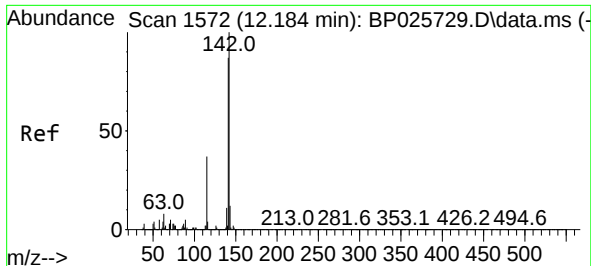
Tgt Ion:113 Resp: 149424
Ion Ratio Lower Upper
113 100
55 170.6 165.5 205.5
56 130.1 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 48.731 ng
RT: 11.807 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:107 Resp: 504392
Ion Ratio Lower Upper
107 100
144 24.3 19.4 29.2
142 76.9 63.8 95.6

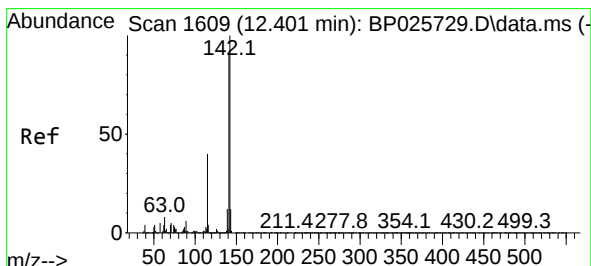
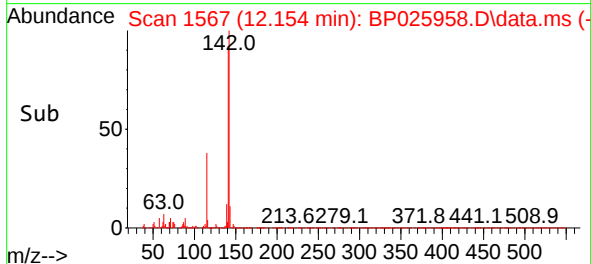
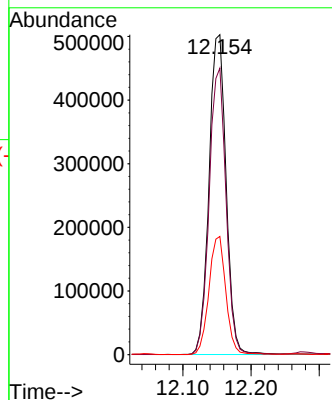
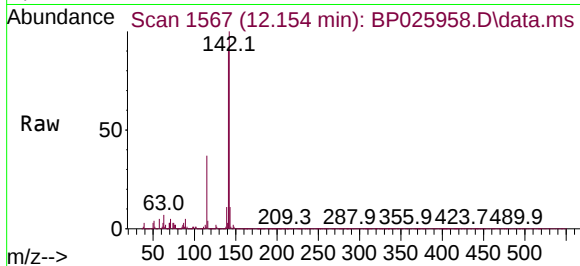




#37
2-Methylnaphthalene
Concen: 45.870 ng
RT: 12.154 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

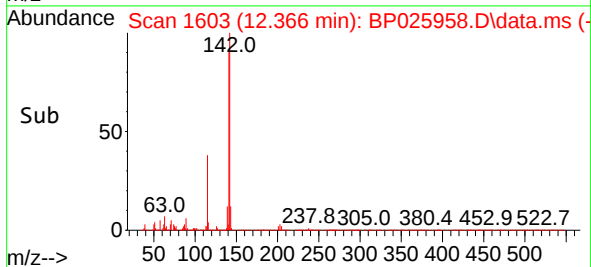
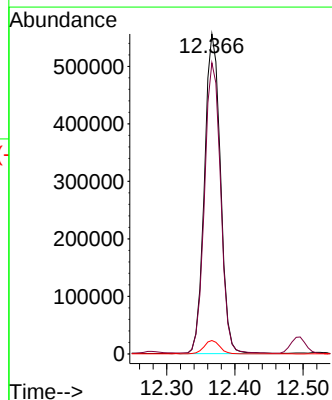
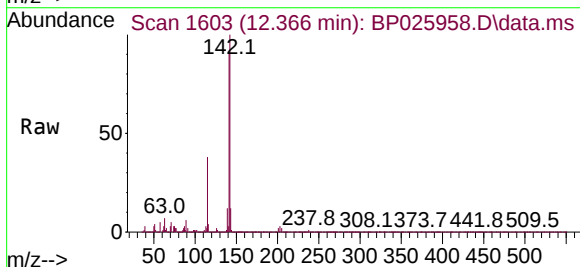
Instrument :
BNA_P
ClientSampleId :
TP2MSD

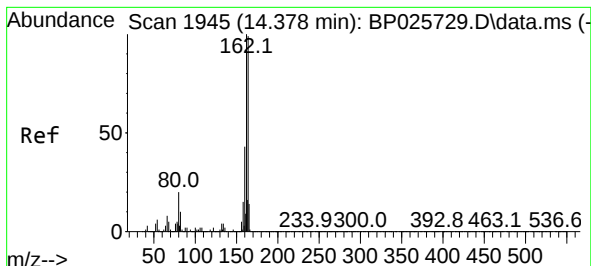
Tgt Ion:142 Resp: 874223
Ion Ratio Lower Upper
142 100
141 89.5 69.6 104.4
115 36.9 30.0 45.0



#38
1-Methylnaphthalene
Concen: 44.657 ng
RT: 12.366 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:142 Resp: 905688
Ion Ratio Lower Upper
142 100
141 91.0 72.7 109.1
116 4.2 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.343 min Scan# 1945

Delta R.T. 0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

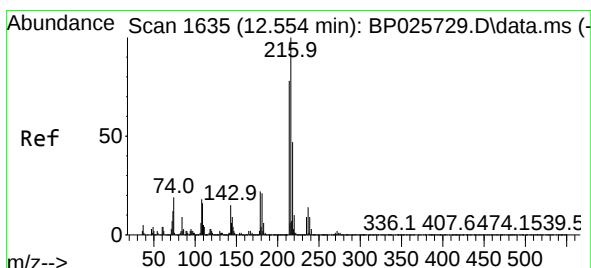
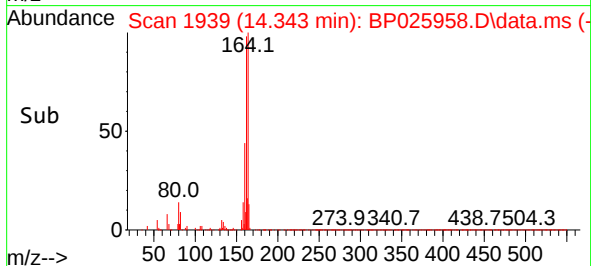
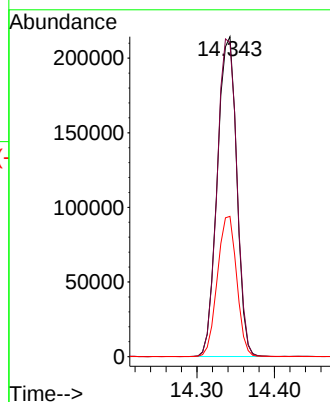
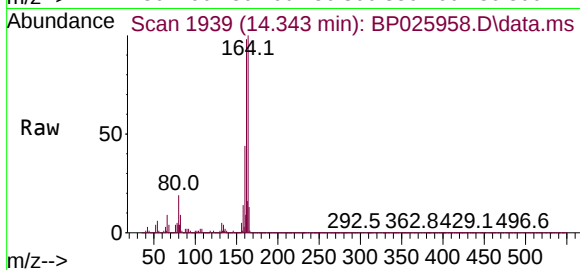
Tgt Ion:164 Resp: 373747

Ion Ratio Lower Upper

164 100

162 98.1 80.6 120.8

160 43.8 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.238 ng

RT: 12.519 min Scan# 1629

Delta R.T. -0.000 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Tgt Ion:216 Resp: 602164

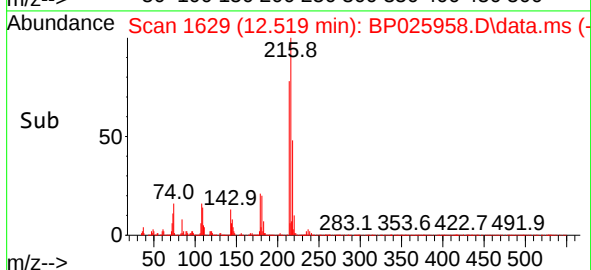
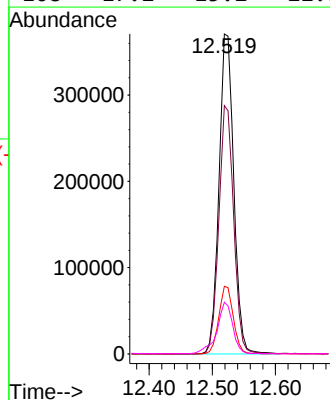
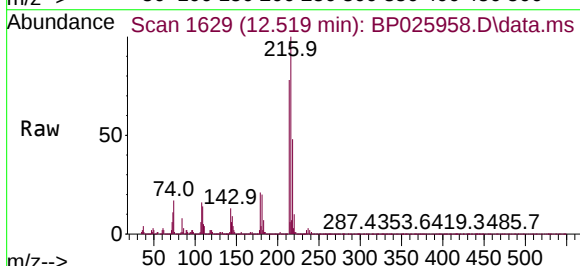
Ion Ratio Lower Upper

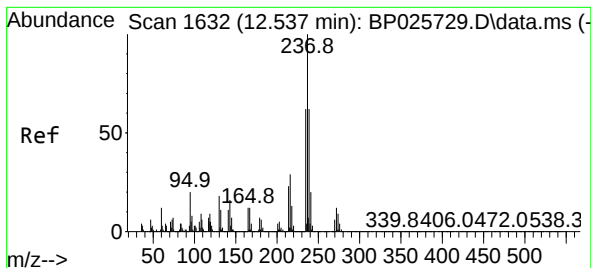
216 100

214 77.9 62.4 93.6

179 20.8 17.0 25.6

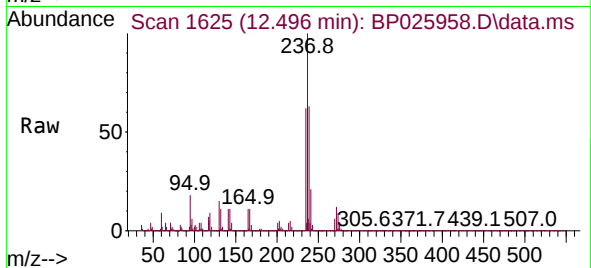
108 17.2 15.2 22.8



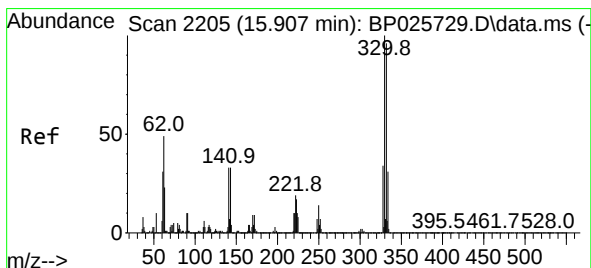
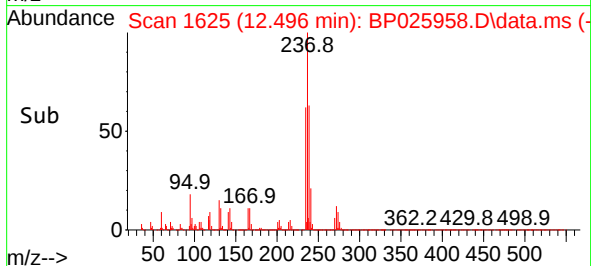
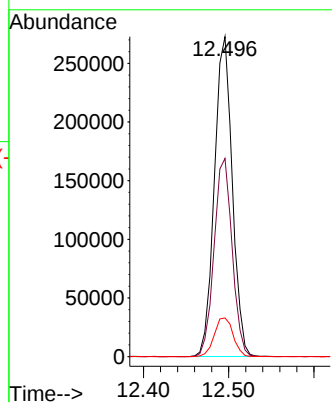


#41
Hexachlorocyclopentadiene
Concen: 63.641 ng
RT: 12.496 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Instrument :
BNA_P
ClientSampleId :
TP2MSD

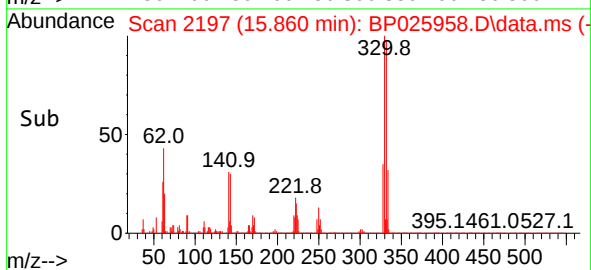
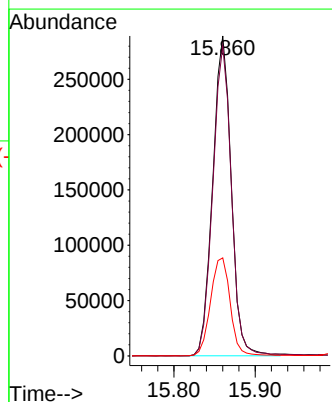
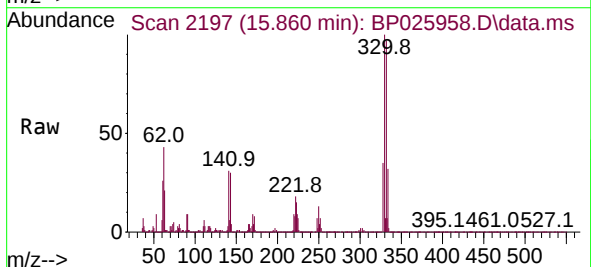


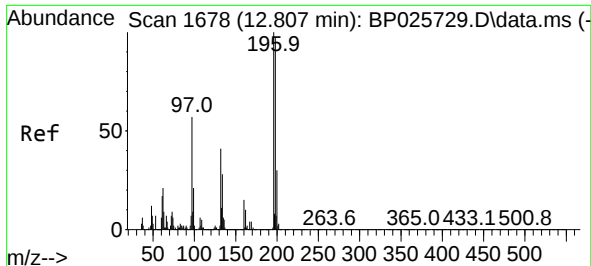
Tgt Ion:237 Resp: 397419
Ion Ratio Lower Upper
237 100
235 61.9 41.9 81.9
272 12.1 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 98.461 ng
RT: 15.860 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:330 Resp: 459562
Ion Ratio Lower Upper
330 100
332 98.0 76.9 115.3
141 32.5 31.0 46.4

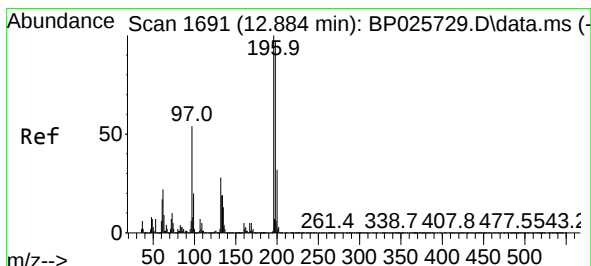
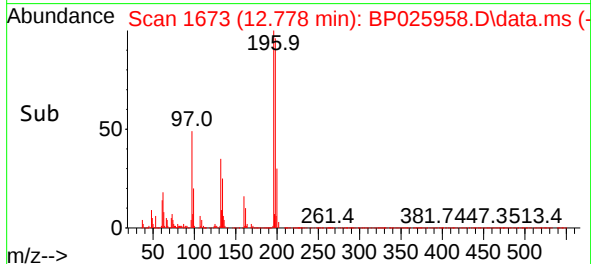
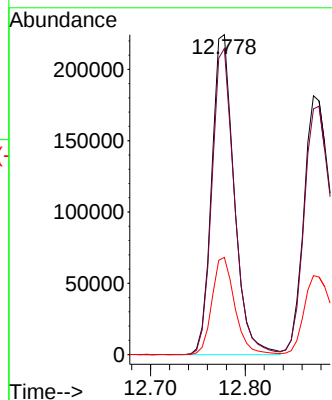
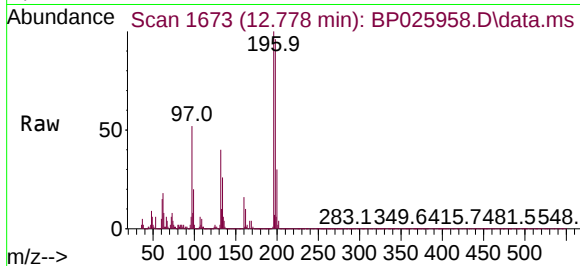




#43
2,4,6-Trichlorophenol
Concen: 50.099 ng
RT: 12.778 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

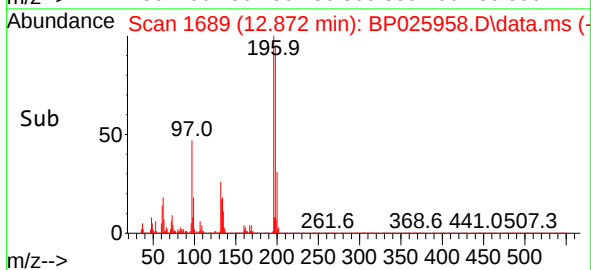
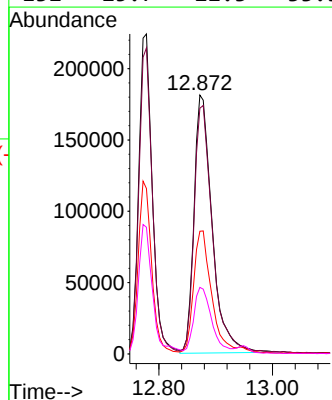
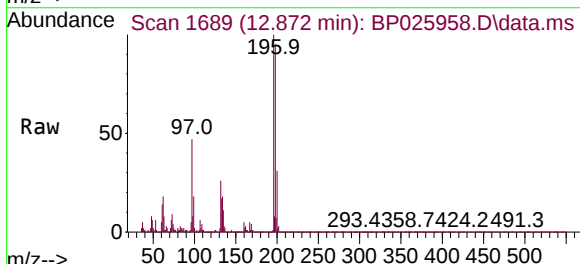
Instrument :
BNA_P
ClientSampleId :
TP2MSD

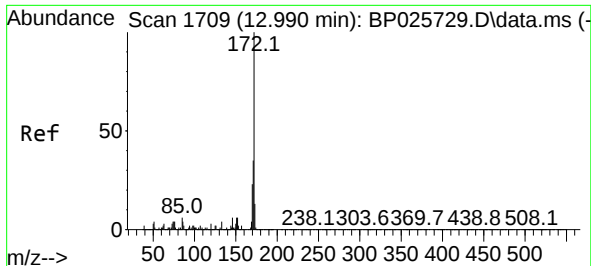
Tgt Ion:196 Resp: 370542
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
200 30.4 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 49.068 ng
RT: 12.872 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:196 Resp: 402386
Ion Ratio Lower Upper
196 100
198 95.0 77.8 116.8
97 47.4 43.3 64.9
132 25.7 22.3 33.5

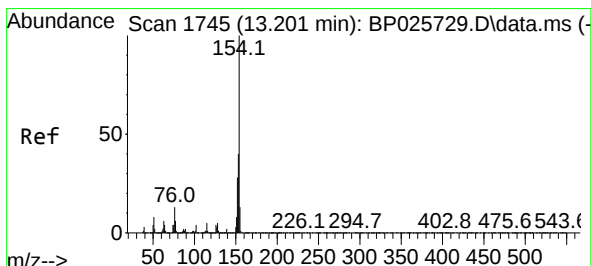
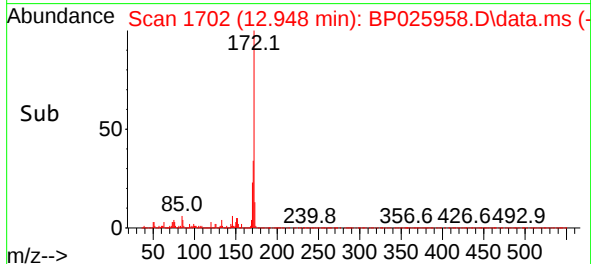
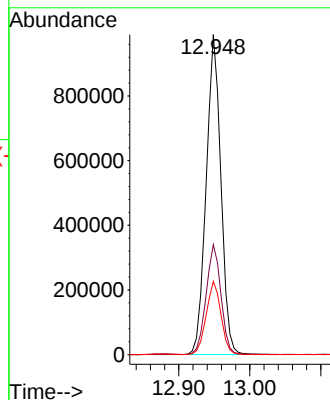
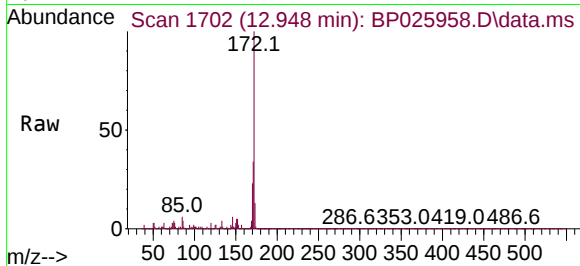




#45
2-Fluorobiphenyl
Concen: 51.052 ng
RT: 12.948 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

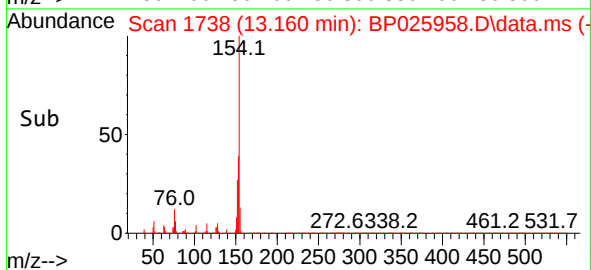
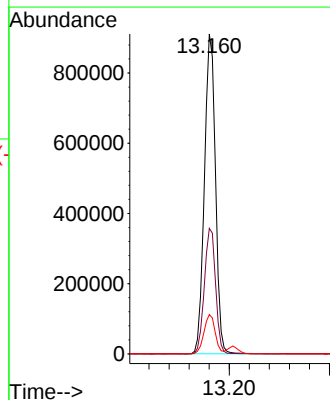
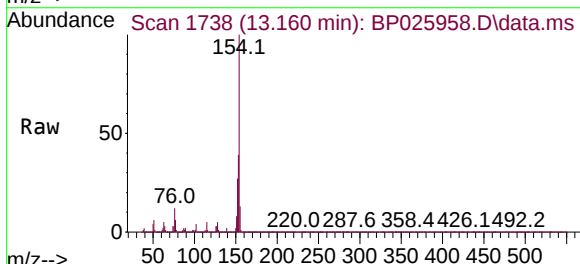
Instrument :
BNA_P
ClientSampleId :
TP2MSD

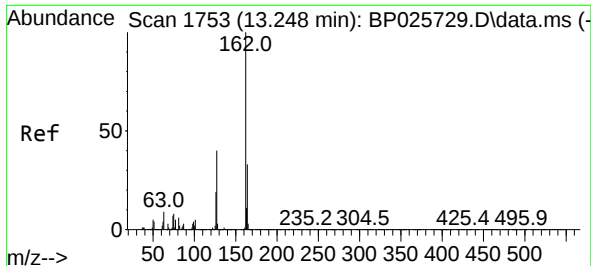
Tgt Ion:172 Resp: 1420379
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 22.9 18.6 27.8



#46
1,1'-Biphenyl
Concen: 51.361 ng
RT: 13.160 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:154 Resp: 1393669
Ion Ratio Lower Upper
154 100
153 39.2 19.7 59.7
76 12.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 46.145 ng

RT: 13.207 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

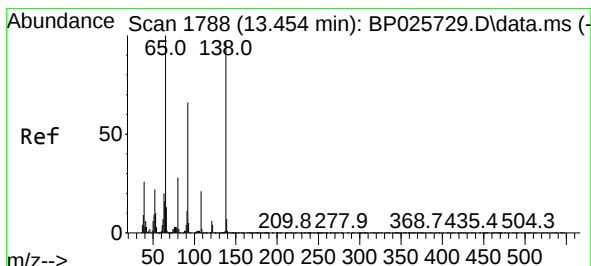
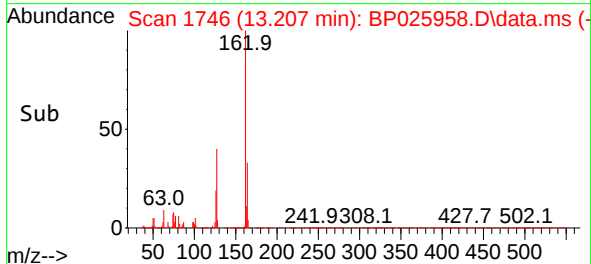
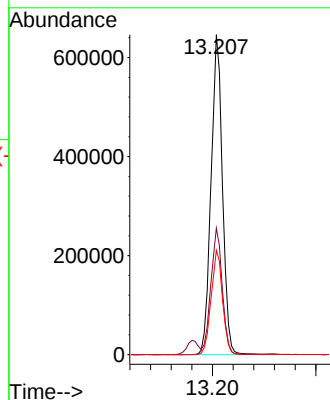
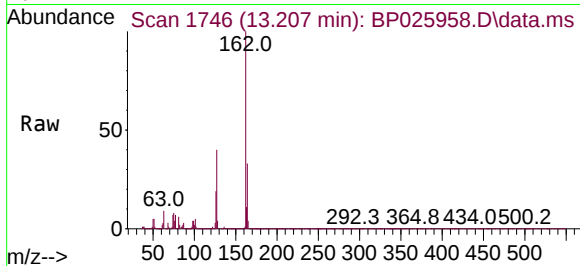
Tgt Ion:162 Resp: 988634

Ion Ratio Lower Upper

162 100

127 39.5 32.2 48.4

164 32.6 26.5 39.7



#48

2-Nitroaniline

Concen: 46.768 ng

RT: 13.425 min Scan# 1783

Delta R.T. -0.000 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

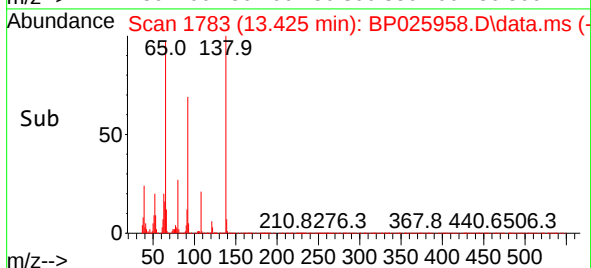
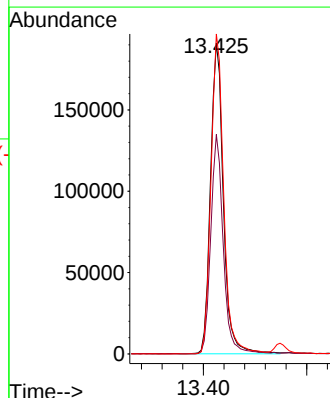
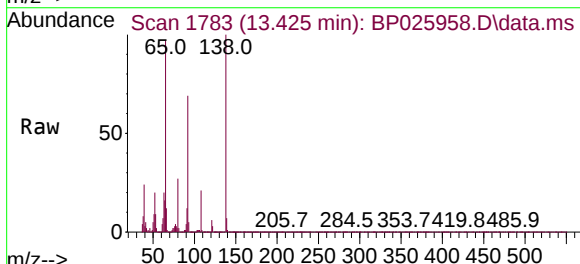
Tgt Ion: 65 Resp: 330393

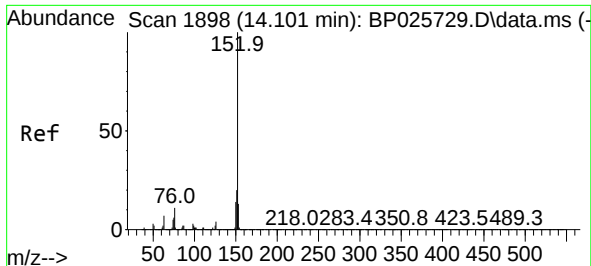
Ion Ratio Lower Upper

65 100

92 70.6 53.1 79.7

138 102.9 77.8 116.8

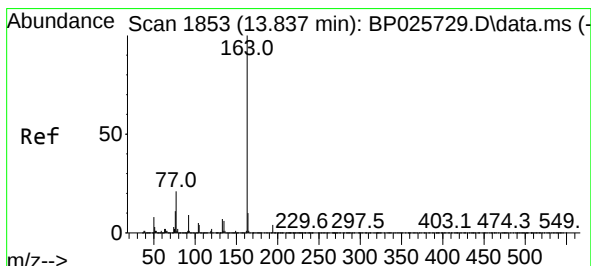
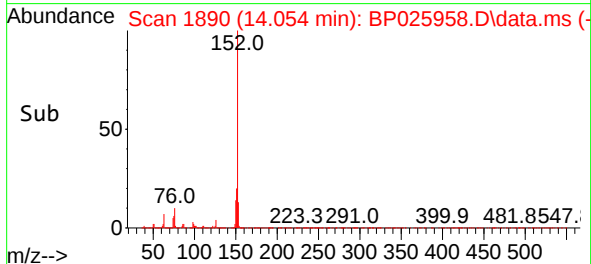
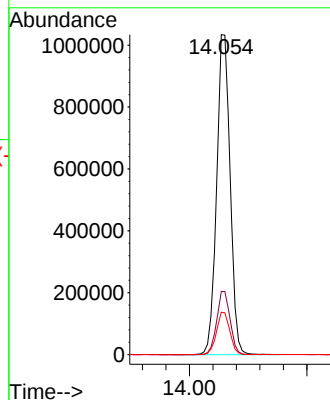
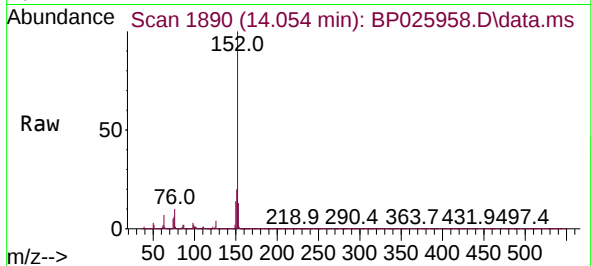




#49
Acenaphthylene
Concen: 46.510 ng
RT: 14.054 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

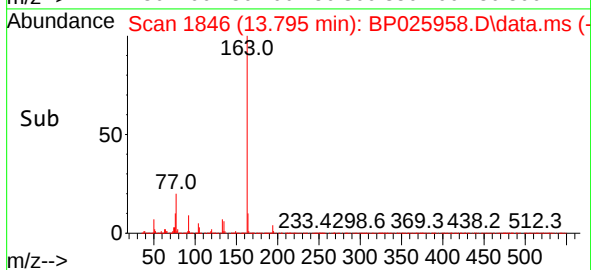
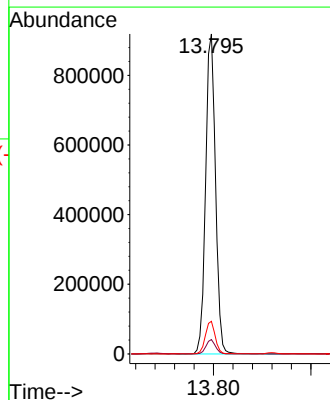
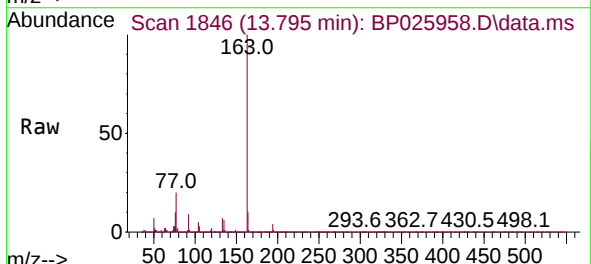
Instrument :
BNA_P
ClientSampleId :
TP2MSD

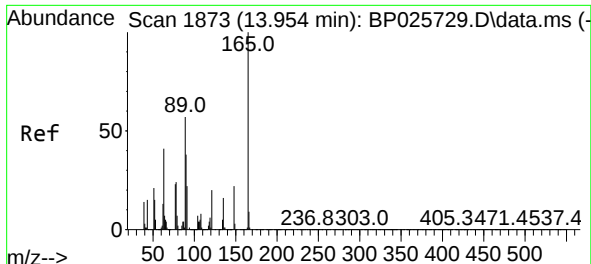
Tgt Ion:152 Resp: 1644501
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 45.907 ng
RT: 13.795 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:163 Resp: 1292583
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.2 8.2 12.2

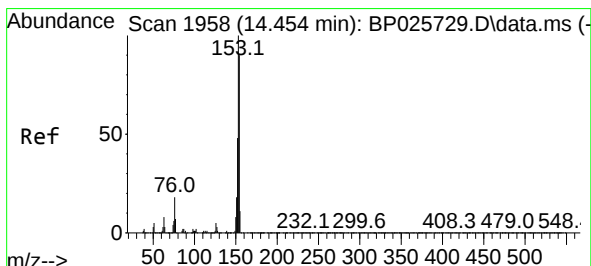
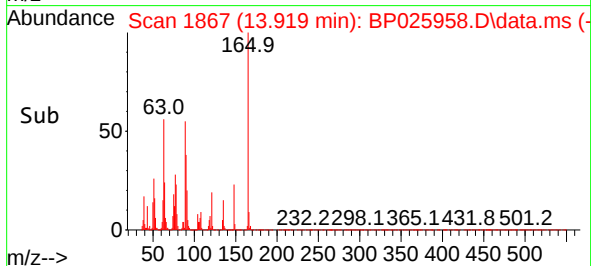
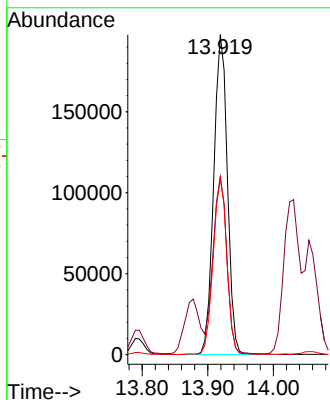
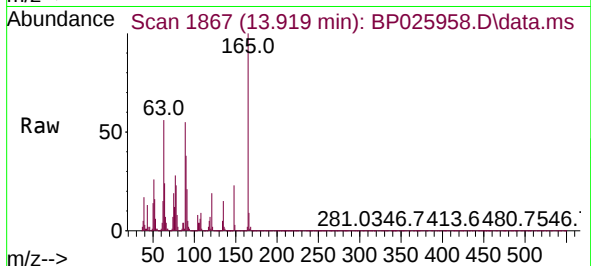




#51
2,6-Dinitrotoluene
Concen: 47.888 ng
RT: 13.919 min Scan# 1873
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

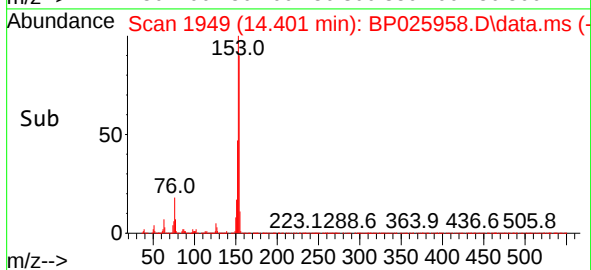
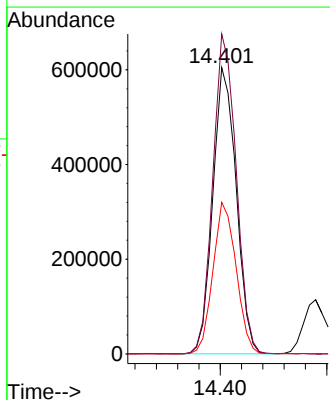
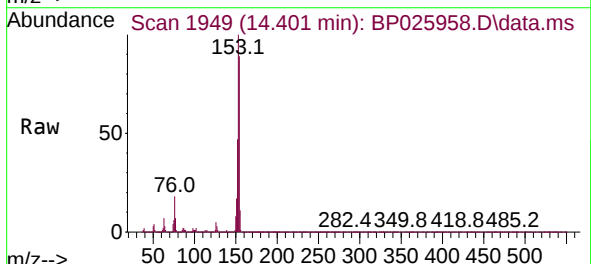
Instrument :
BNA_P
ClientSampleId :
TP2MSD

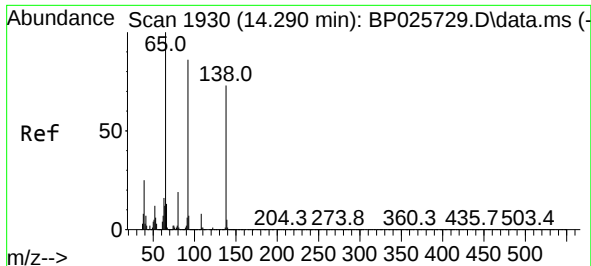
Tgt Ion:165 Resp: 287030
Ion Ratio Lower Upper
165 100
63 55.7 48.1 72.1
89 55.0 45.4 68.0



#52
Acenaphthene
Concen: 45.387 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:154 Resp: 924344
Ion Ratio Lower Upper
154 100
153 111.8 89.4 134.0
152 53.0 42.5 63.7

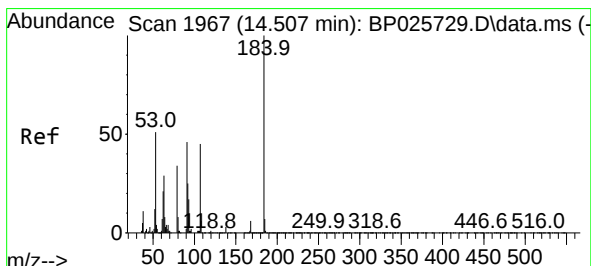
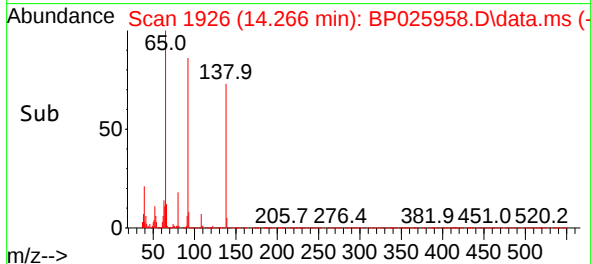
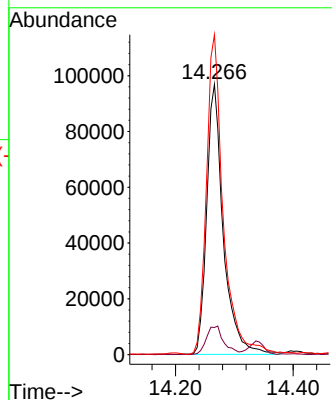
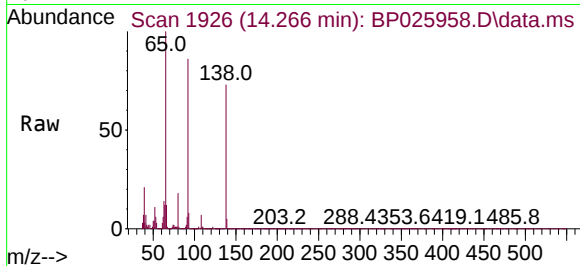




#53
3-Nitroaniline
Concen: 30.269 ng
RT: 14.266 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

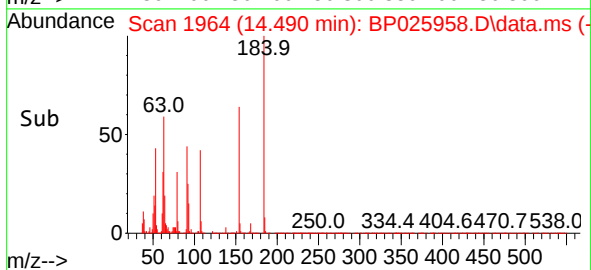
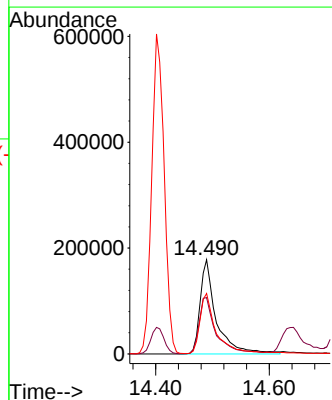
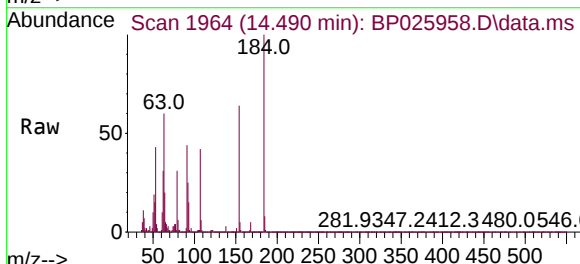
Instrument :
BNA_P
ClientSampleId :
TP2MSD

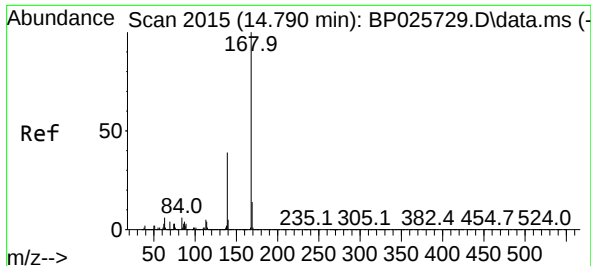
Tgt Ion:138 Resp: 189863
Ion Ratio Lower Upper
138 100
108 10.0 8.7 13.1
92 118.4 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 88.243 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:184 Resp: 349073
Ion Ratio Lower Upper
184 100
63 59.7 52.5 78.7
154 64.2 51.5 77.3

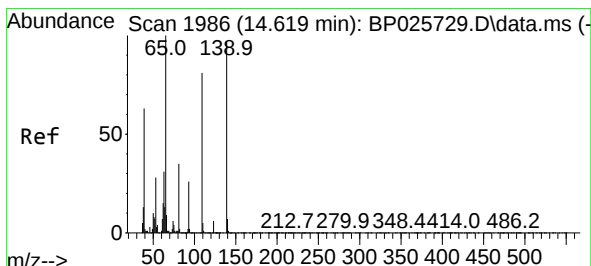
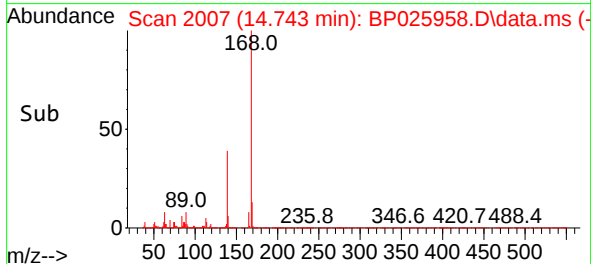
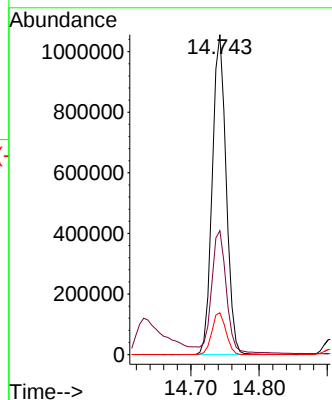
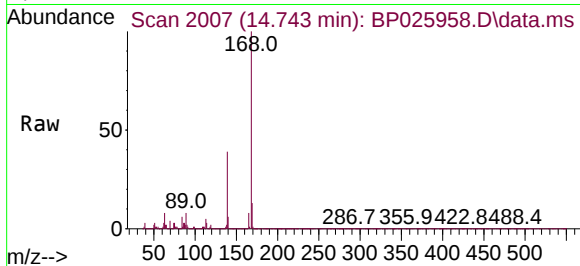




#55
Dibenzofuran
Concen: 44.943 ng
RT: 14.743 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

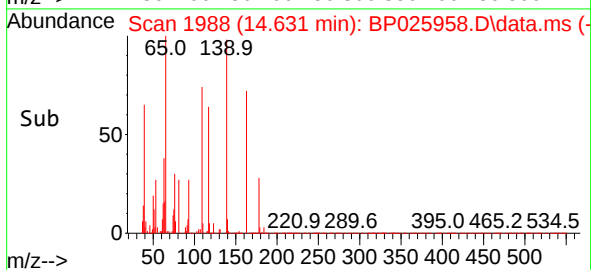
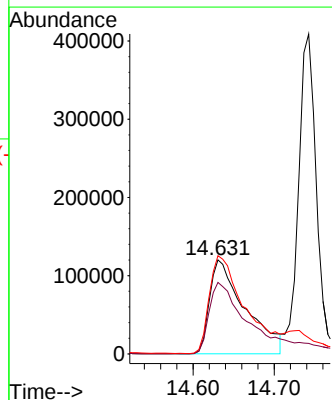
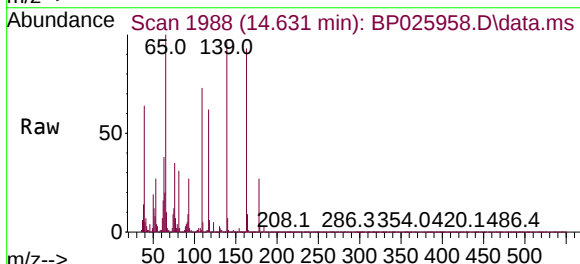
Instrument :
BNA_P
ClientSampleId :
TP2MSD

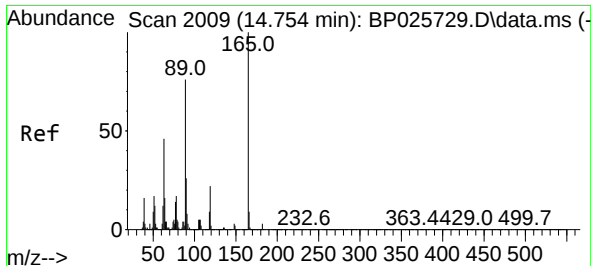
Tgt Ion:168 Resp: 1490927
Ion Ratio Lower Upper
168 100
139 38.7 31.7 47.5
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 67.666 ng
RT: 14.631 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:139 Resp: 364438
Ion Ratio Lower Upper
139 100
109 76.0 62.9 102.9
65 104.5 83.4 123.4

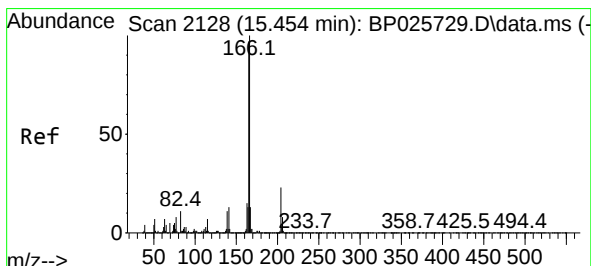
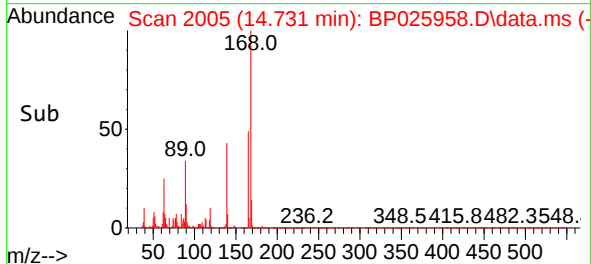
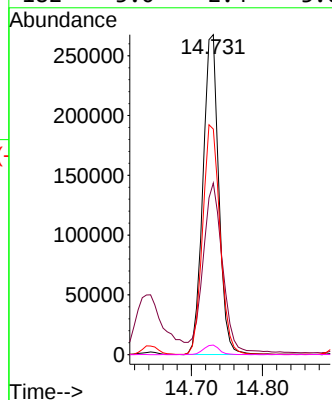
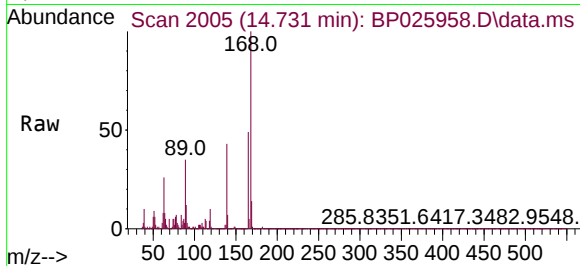




#57
2,4-Dinitrotoluene
Concen: 48.500 ng
RT: 14.731 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

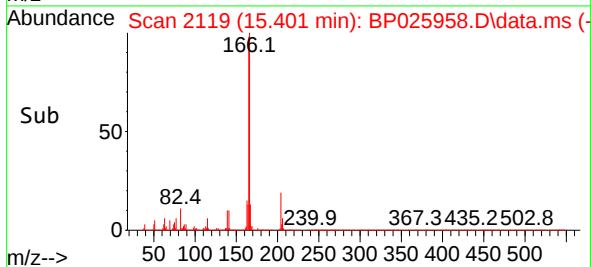
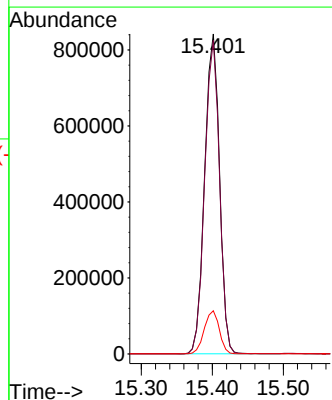
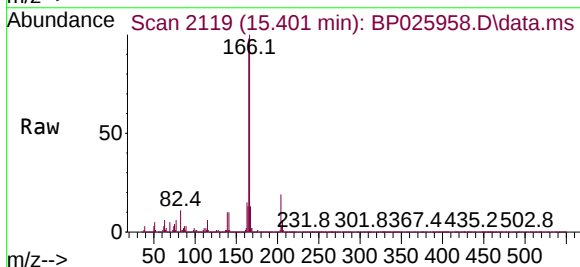
Instrument :
BNA_P
ClientSampleId :
TP2MSD

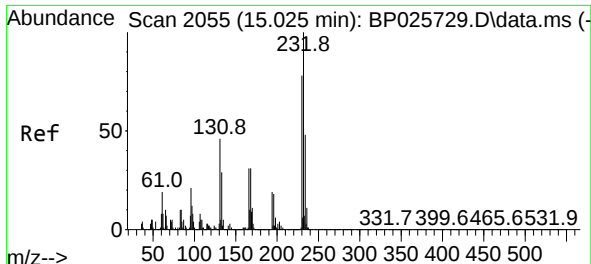
Tgt Ion:165 Resp: 411855
Ion Ratio Lower Upper
165 100
63 53.6 37.7 56.5
89 70.5 61.0 91.6
182 3.0 2.4 3.6



#58
Fluorene
Concen: 46.237 ng
RT: 15.401 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:166 Resp: 1218715
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 13.5 10.6 16.0

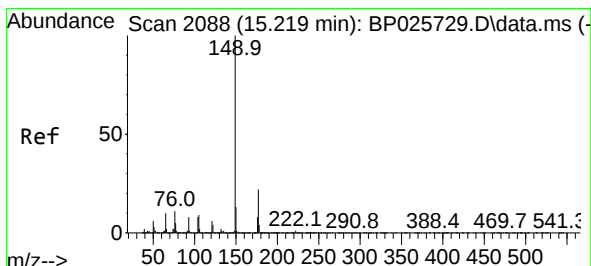
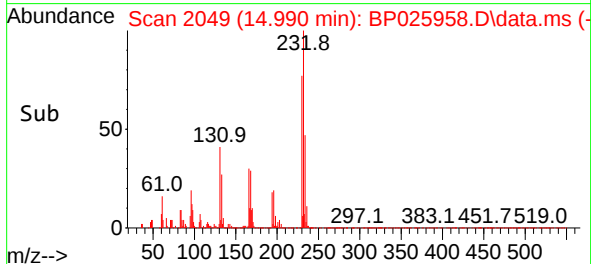
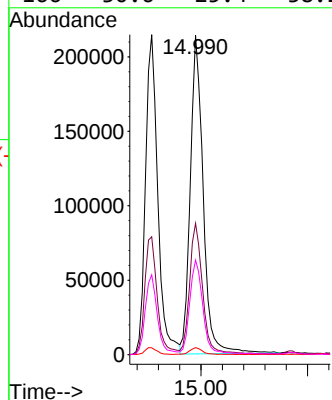
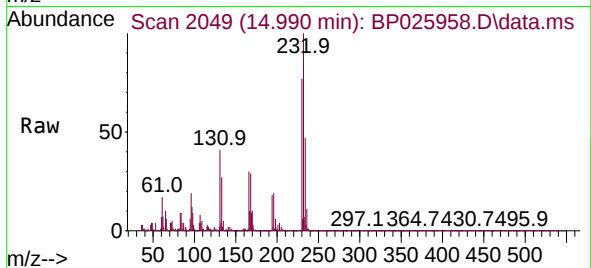




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.983 ng
RT: 14.990 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

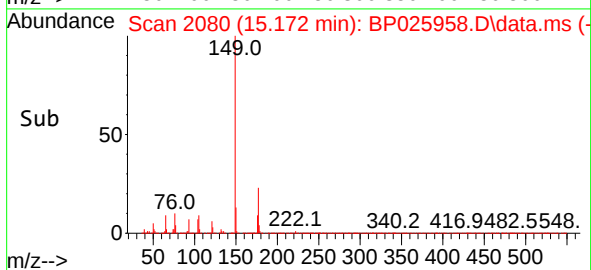
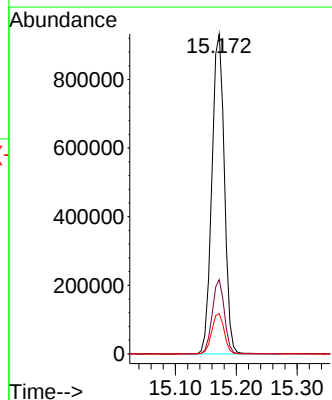
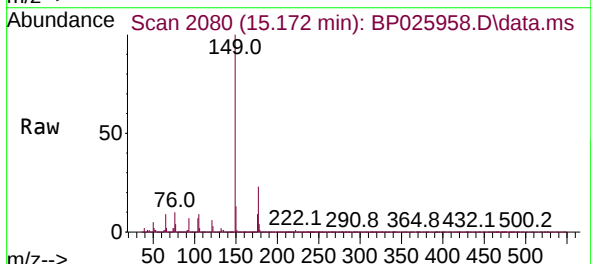
Instrument :
BNA_P
ClientSampleId :
TP2MSD

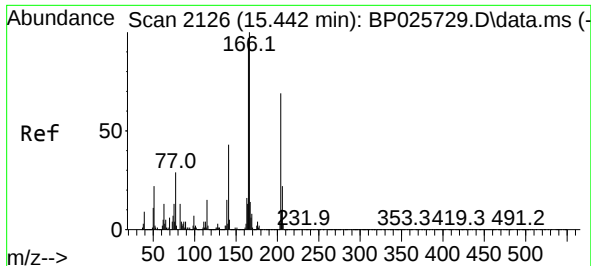
Tgt Ion:232 Resp: 360821
Ion Ratio Lower Upper
232 100
131 40.3 36.7 55.1
130 2.2 2.0 3.0
166 30.6 25.4 38.2



#60
Diethylphthalate
Concen: 46.350 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:149 Resp: 1327504
Ion Ratio Lower Upper
149 100
177 23.2 17.7 26.5
150 12.6 10.0 15.0

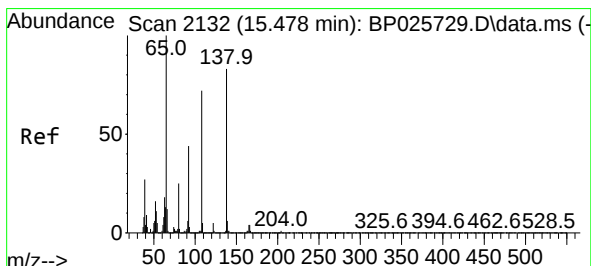
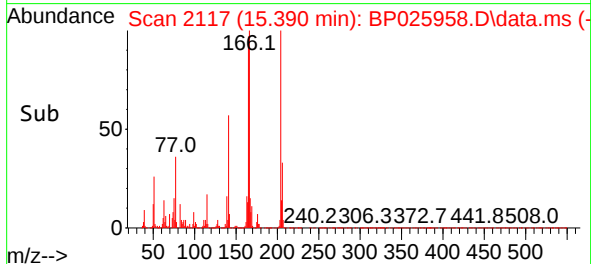
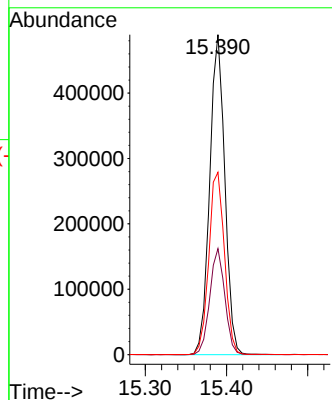
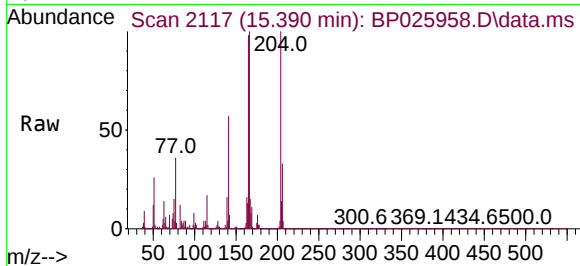




#61
4-Chlorophenyl-phenylether
Concen: 47.421 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

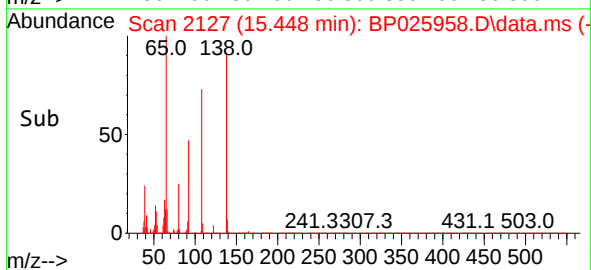
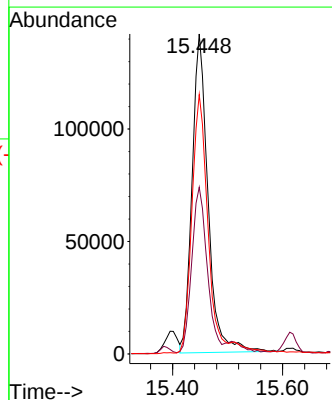
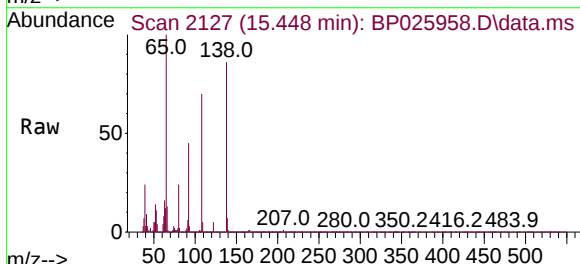
Instrument :
BNA_P
ClientSampleId :
TP2MSD

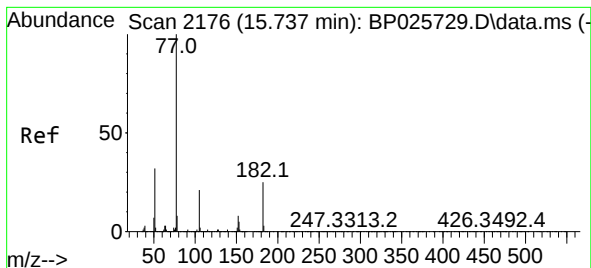
Tgt Ion:204 Resp: 634538
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 57.0 49.7 74.5



#62
4-Nitroaniline
Concen: 44.837 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:138 Resp: 284838
Ion Ratio Lower Upper
138 100
92 52.1 33.3 73.3
108 81.0 66.7 106.7

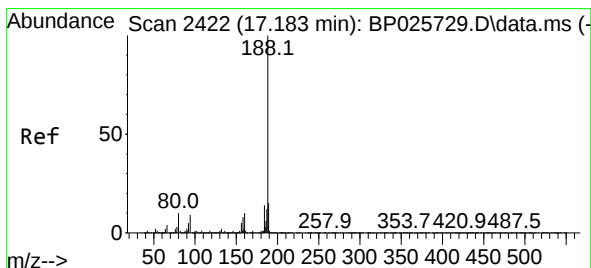
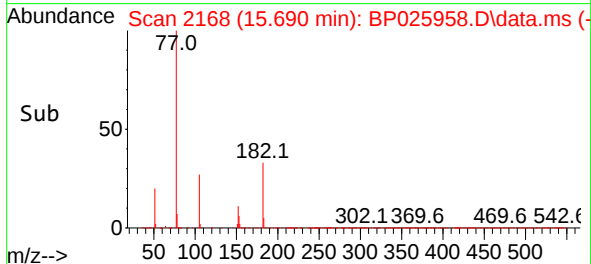
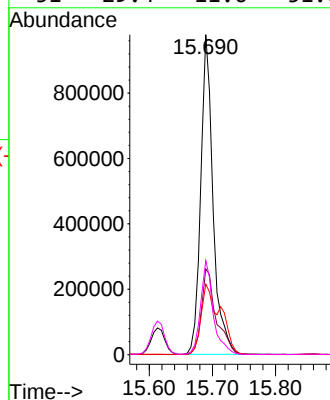
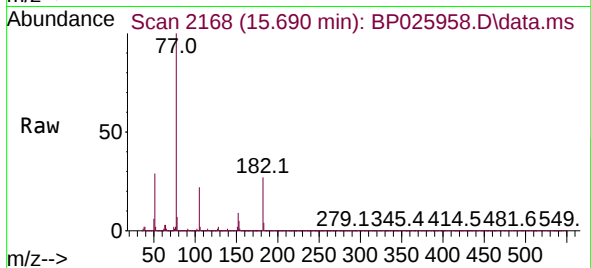




#63
Azobenzene
Concen: 48.517 ng
RT: 15.690 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

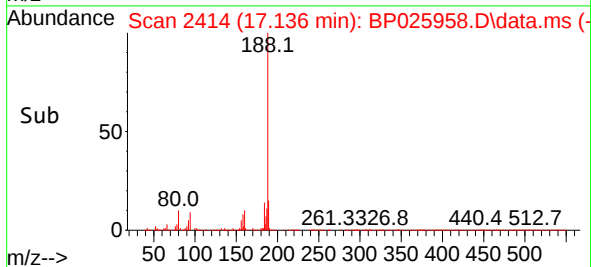
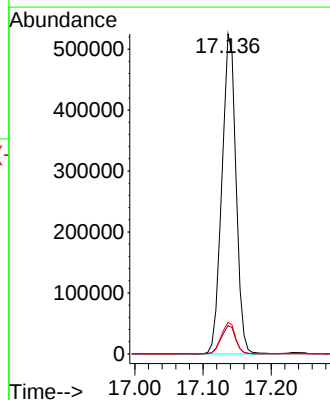
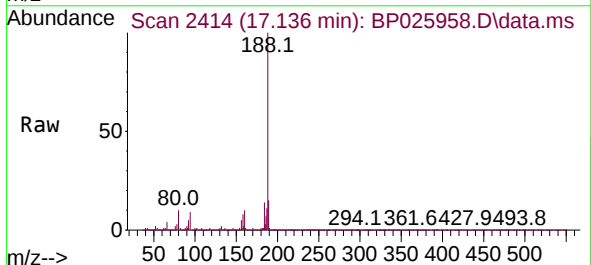
Instrument :
BNA_P
ClientSampleId :
TP2MSD

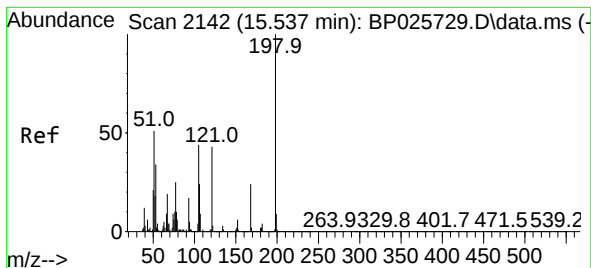
Tgt Ion: 77 Resp: 1329466
Ion Ratio Lower Upper
77 100
182 26.8 5.2 45.2
105 22.0 1.1 41.1
51 29.4 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 2414
Delta R.T. 0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:188 Resp: 749003
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 9.8 7.7 11.5

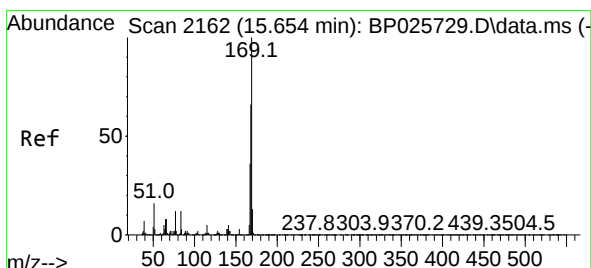
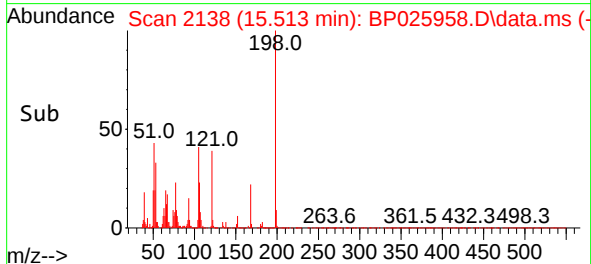
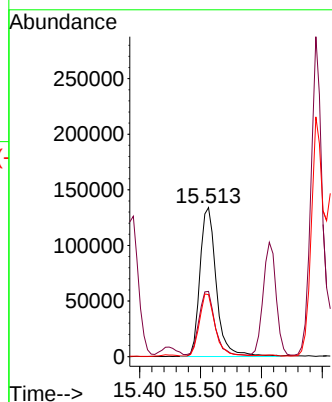
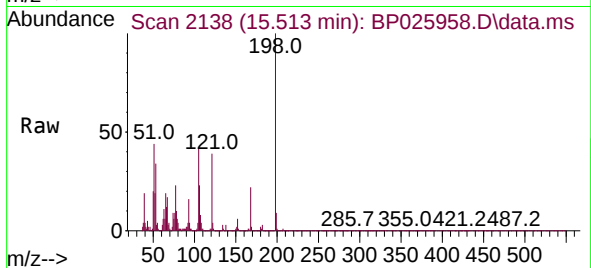




#65
4,6-Dinitro-2-methylphenol
Concen: 49.952 ng
RT: 15.513 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

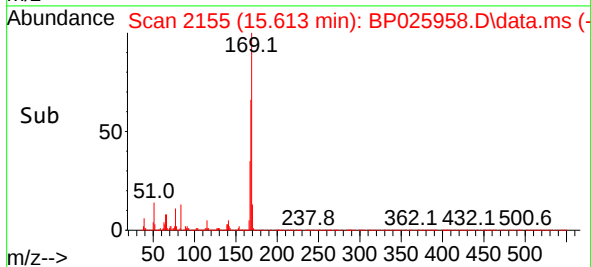
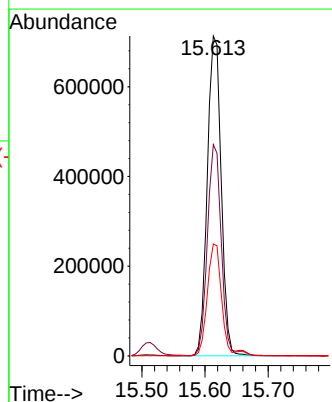
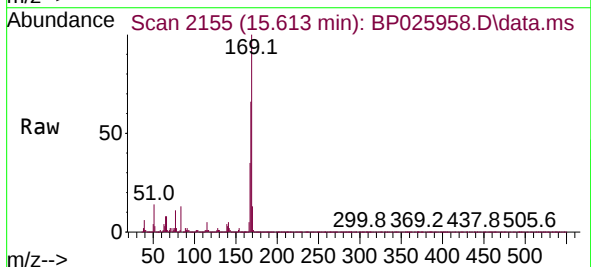
Instrument :
BNA_P
ClientSampleId :
TP2MSD

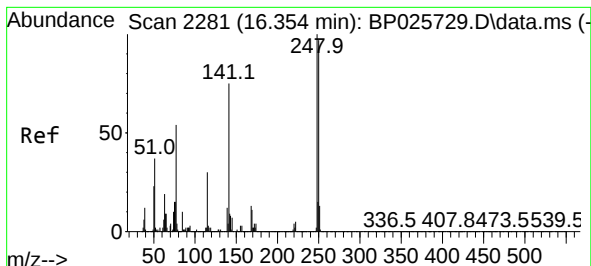
Tgt Ion:198 Resp: 250169
Ion Ratio Lower Upper
198 100
51 43.7 33.4 73.4
105 41.6 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 47.912 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:169 Resp: 1088171
Ion Ratio Lower Upper
169 100
168 66.0 52.6 78.8
167 35.0 28.5 42.7

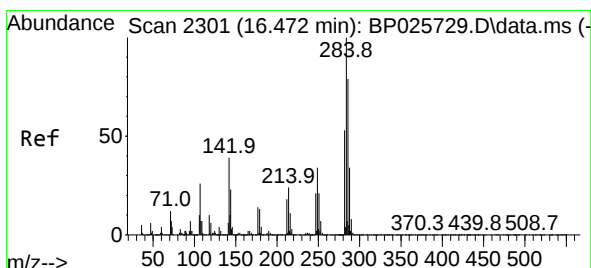
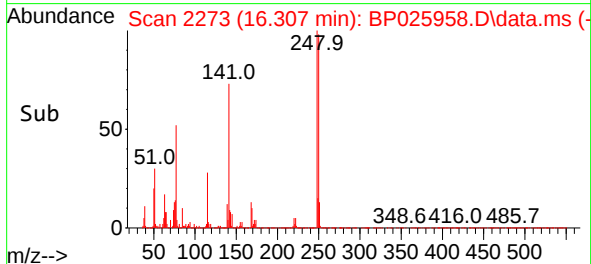
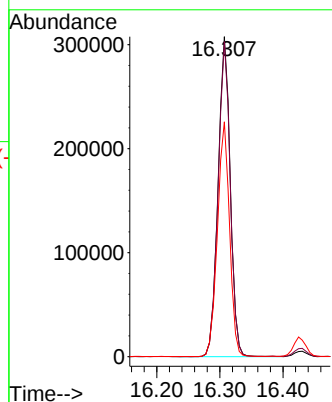
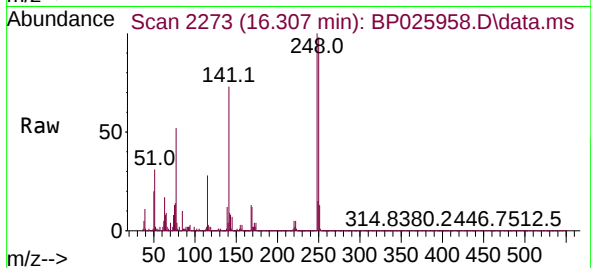




#67
4-Bromophenyl-phenylether
Concen: 50.201 ng
RT: 16.307 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

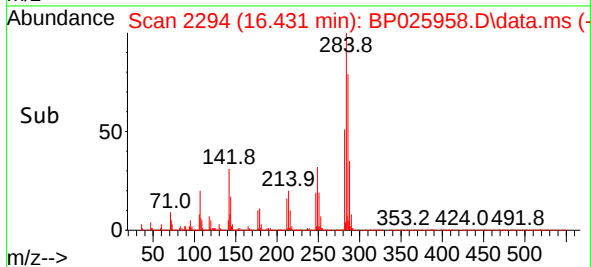
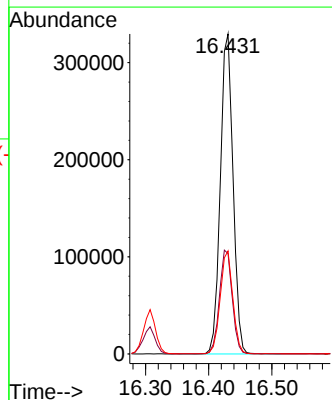
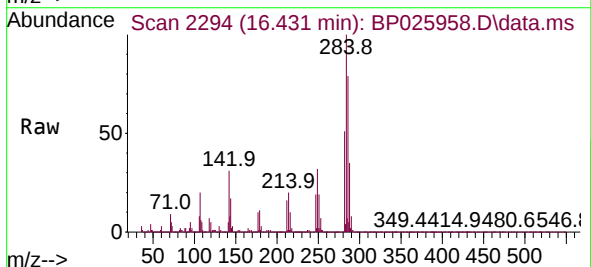
Instrument :
BNA_P
ClientSampleId :
TP2MSD

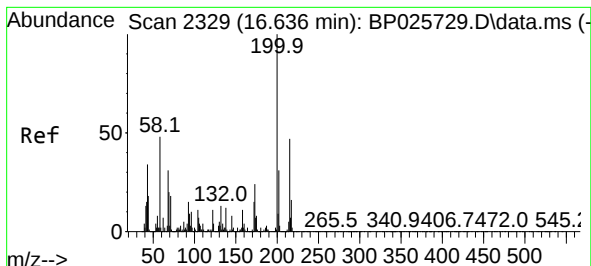
Tgt Ion:248 Resp: 412510
Ion Ratio Lower Upper
248 100
250 98.4 77.5 116.3
141 73.4 60.2 90.4



#68
Hexachlorobenzene
Concen: 49.907 ng
RT: 16.431 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:284 Resp: 459487
Ion Ratio Lower Upper
284 100
142 31.3 31.3 46.9
249 32.2 27.3 40.9





#69

Atrazine

Concen: 48.328 ng

RT: 16.595 min Scan# 2322

Delta R.T. -0.000 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

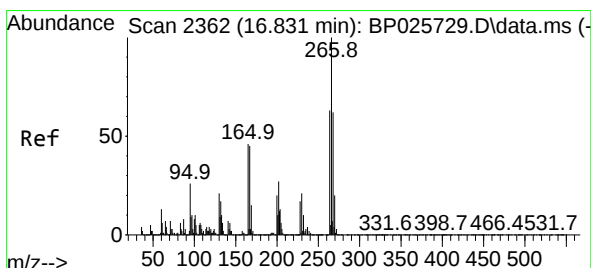
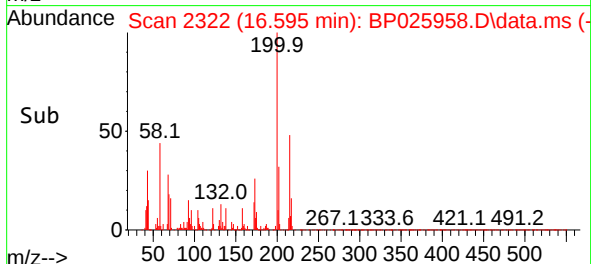
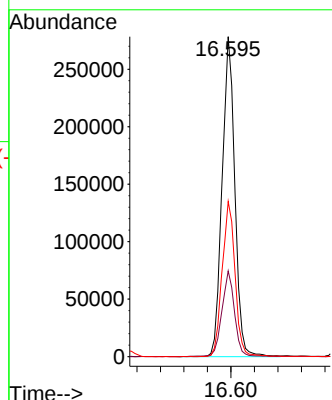
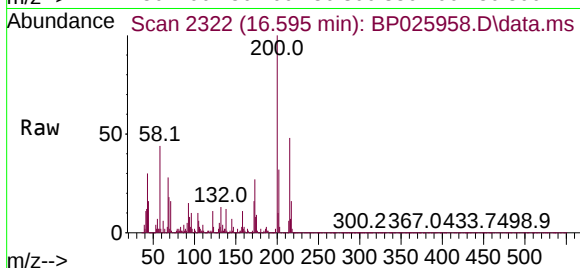
Tgt Ion:200 Resp: 418369

Ion Ratio Lower Upper

200 100

173 26.8 4.2 44.2

215 48.5 27.3 67.3



#70

Pentachlorophenol

Concen: 92.019 ng

RT: 16.795 min Scan# 2356

Delta R.T. -0.000 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

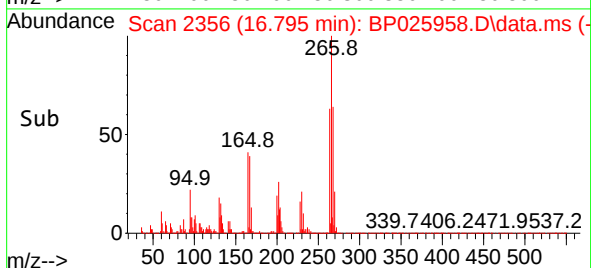
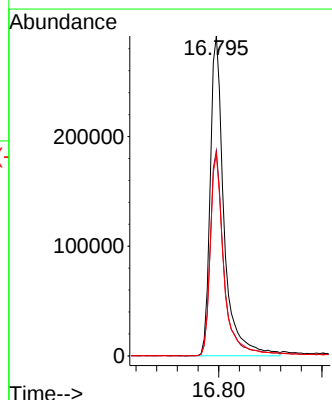
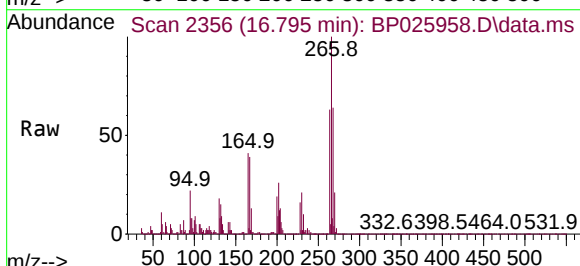
Tgt Ion:266 Resp: 540907

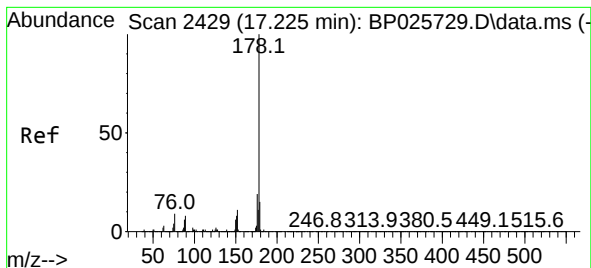
Ion Ratio Lower Upper

266 100

268 64.2 49.8 74.8

264 63.1 50.2 75.2





#71

Phenanthrene

Concen: 46.240 ng

RT: 17.184 min Scan# 24

Delta R.T. 0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

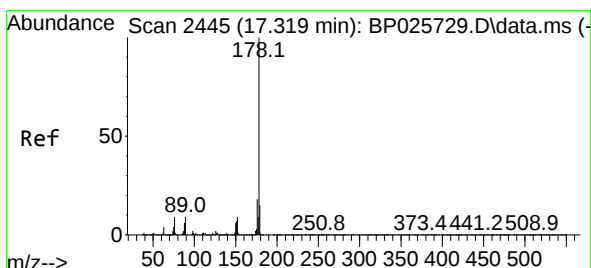
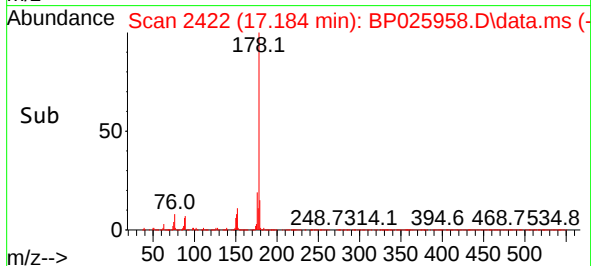
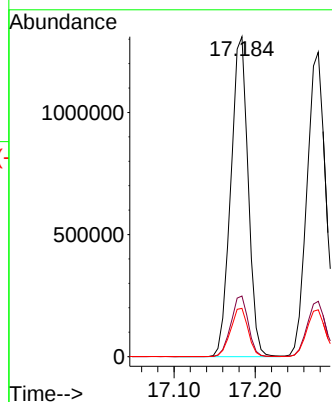
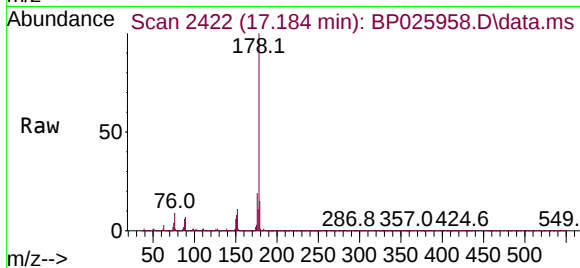
Tgt Ion:178 Resp: 1940191

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.1 12.2 18.4



#72

Anthracene

Concen: 47.365 ng

RT: 17.278 min Scan# 2438

Delta R.T. 0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

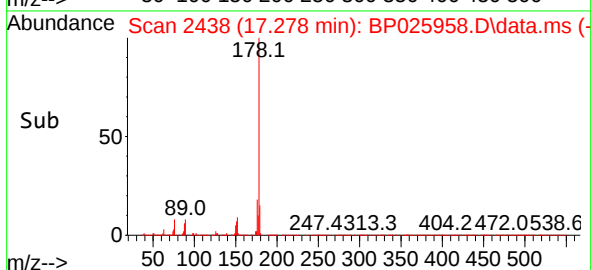
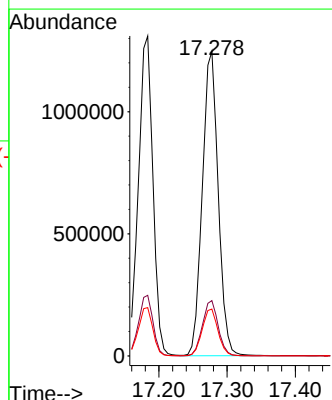
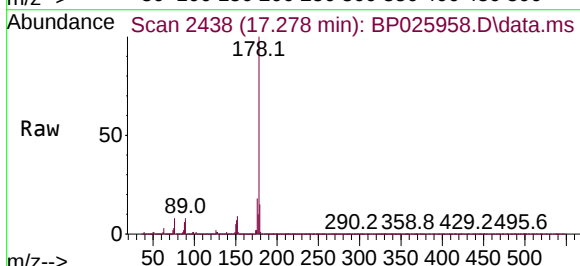
Tgt Ion:178 Resp: 2019017

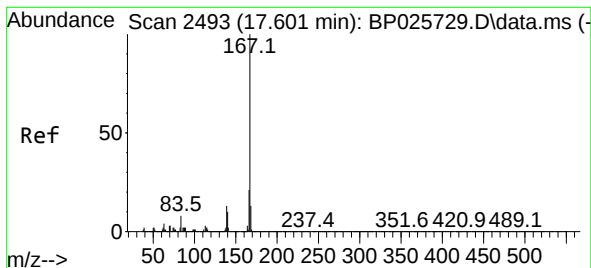
Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

179 15.4 12.2 18.4





#73

Carbazole

Concen: 47.067 ng

RT: 17.566 min Scan# 24

Delta R.T. 0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

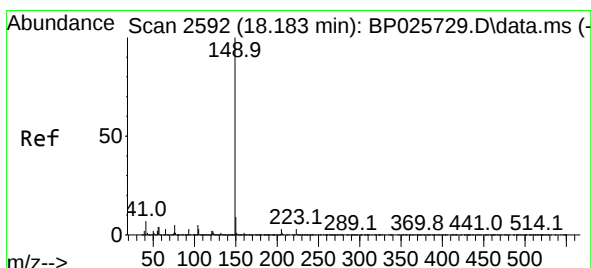
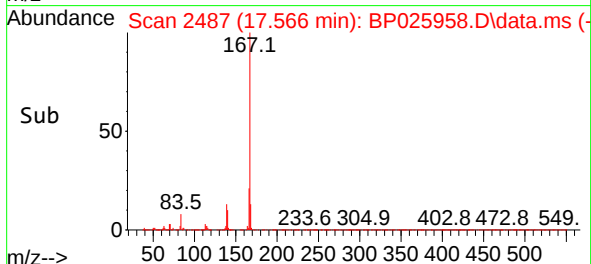
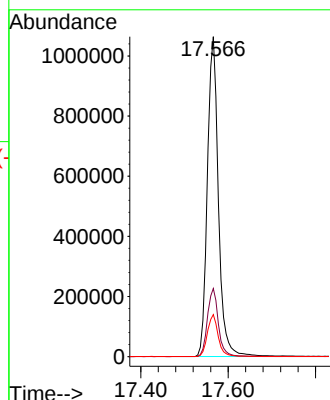
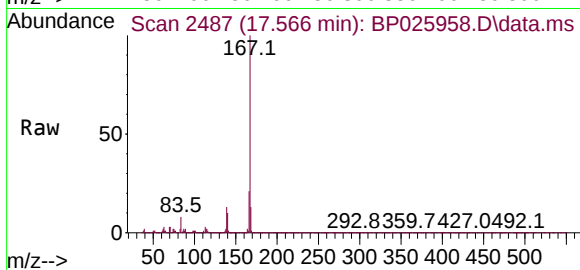
Tgt Ion:167 Resp: 1851515

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

139 13.1 10.6 16.0



#74

Di-n-butylphthalate

Concen: 47.105 ng

RT: 18.136 min Scan# 2584

Delta R.T. 0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

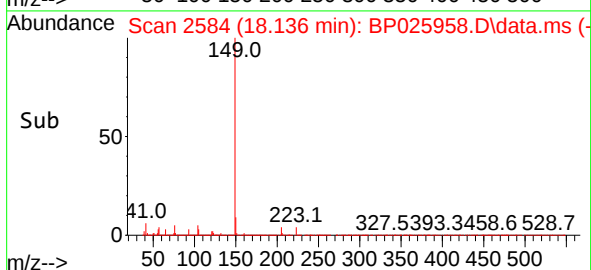
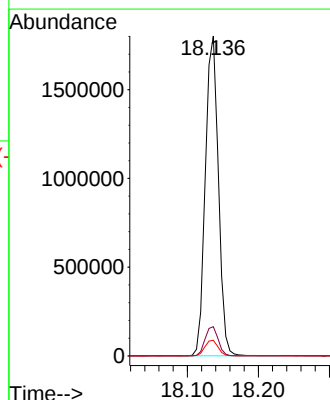
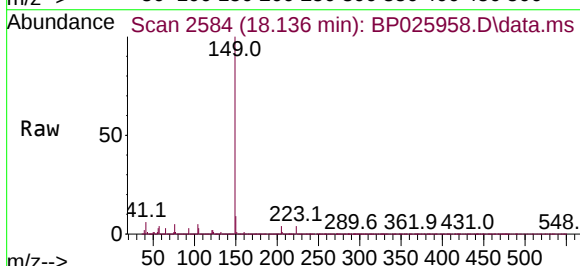
Tgt Ion:149 Resp: 2286706

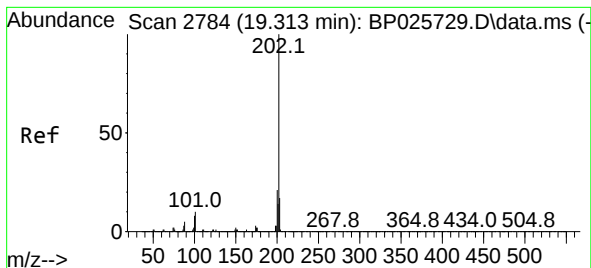
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 46.675 ng

RT: 19.272 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

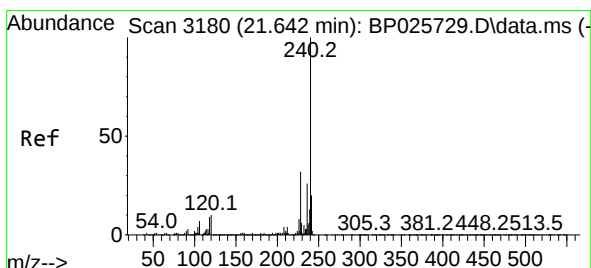
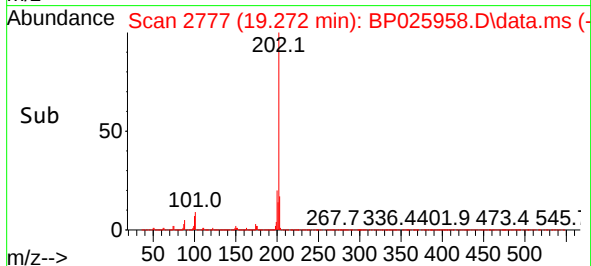
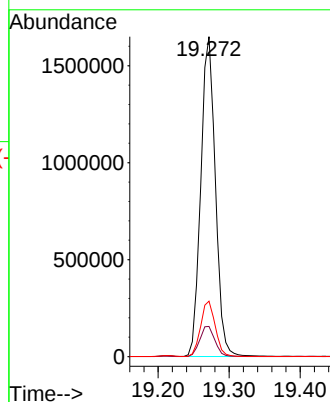
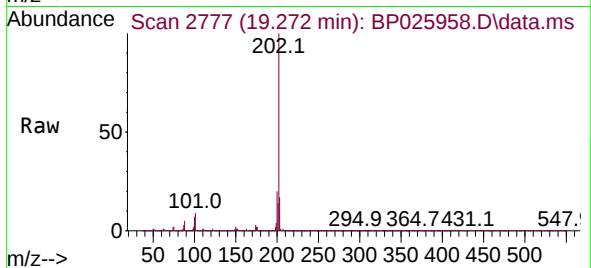
Tgt Ion:202 Resp: 2346008

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.4

203 17.3 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3170

Delta R.T. 0.012 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

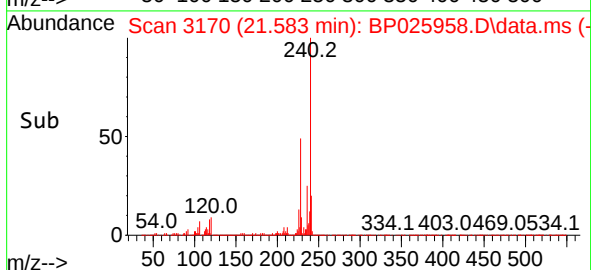
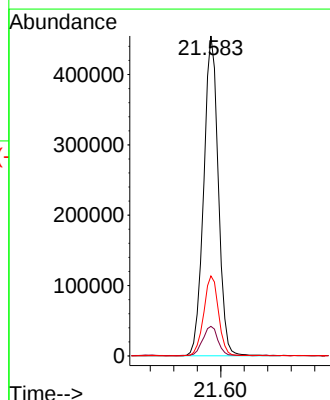
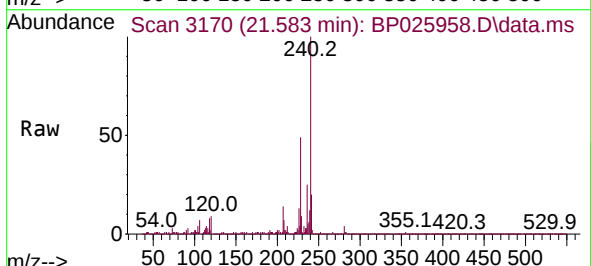
Tgt Ion:240 Resp: 782253

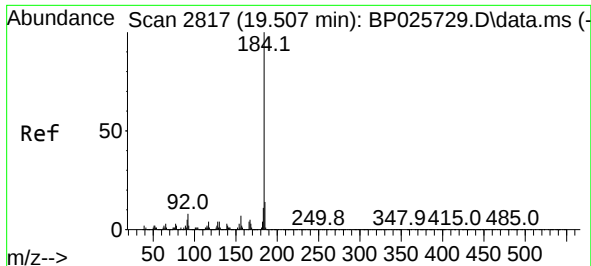
Ion Ratio Lower Upper

240 100

120 9.2 8.0 12.0

236 25.0 20.7 31.1

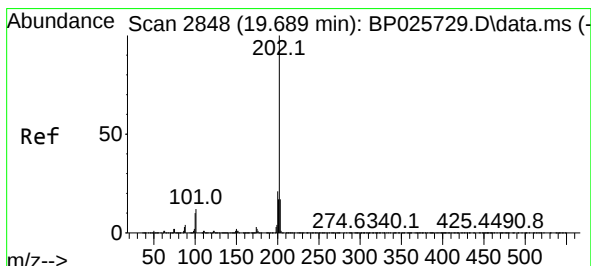
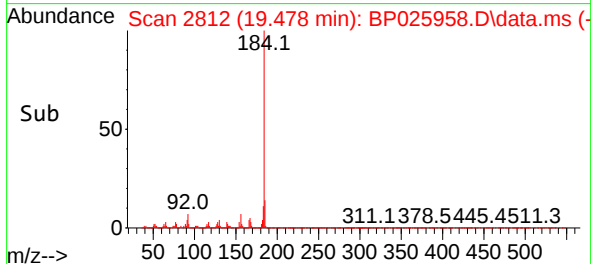
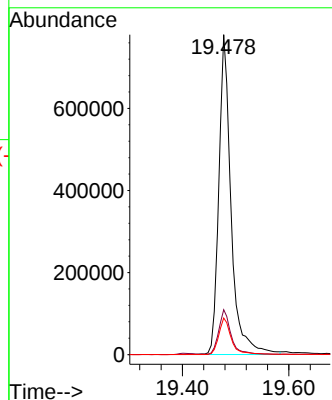
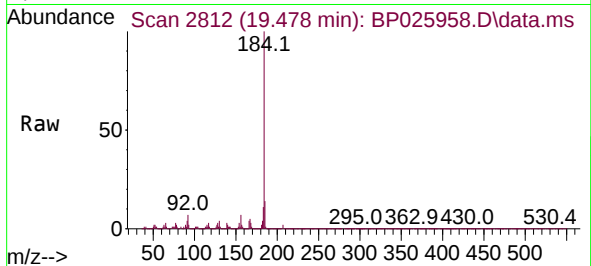




#77
Benzidine
Concen: 55.261 ng
RT: 19.478 min Scan# 2817
Delta R.T. 0.012 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

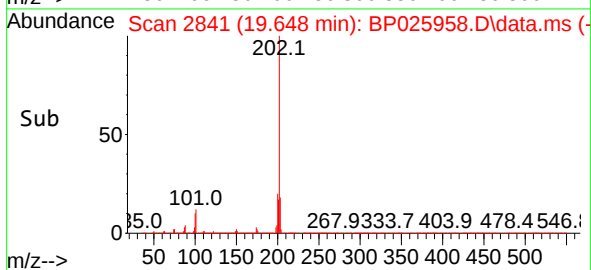
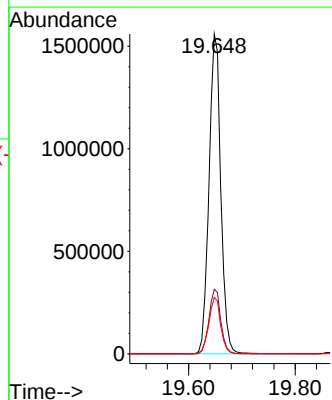
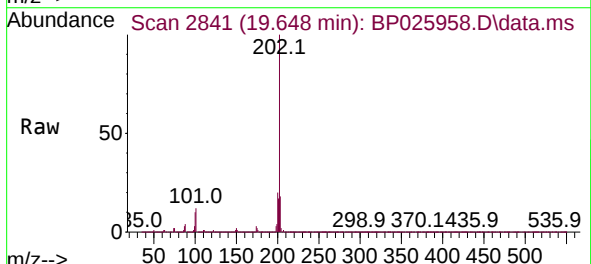
Instrument :
BNA_P
ClientSampleId :
TP2MSD

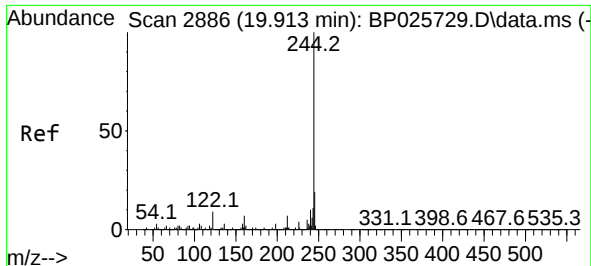
Tgt Ion:184 Resp: 1245387
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.4 9.2 13.8



#78
Pyrene
Concen: 46.138 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:202 Resp: 2391327
Ion Ratio Lower Upper
202 100
200 20.2 17.0 25.6
203 17.6 13.9 20.9

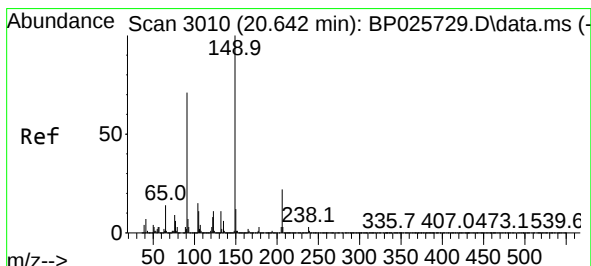
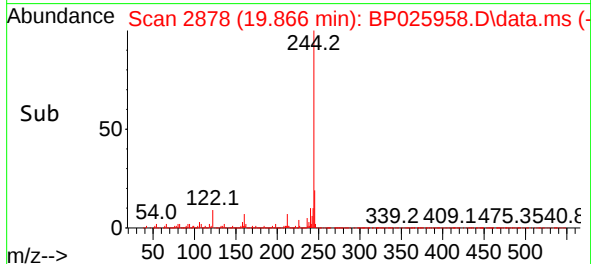
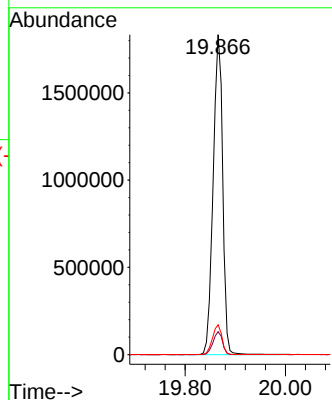
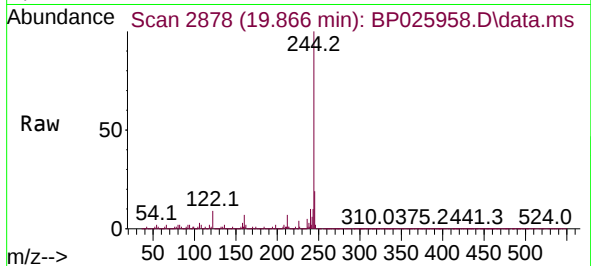




#79
 Terphenyl-d14
 Concen: 55.756 ng
 RT: 19.866 min Scan# 2886
 Delta R.T. 0.012 min
 Lab File: BP025958.D
 Acq: 08 Oct 2025 18:10

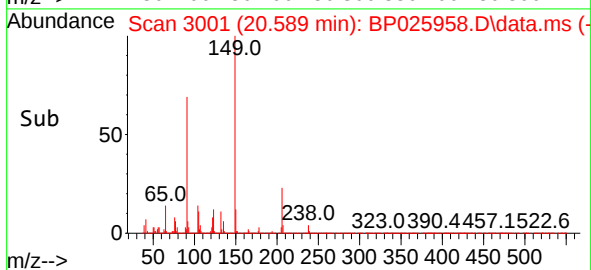
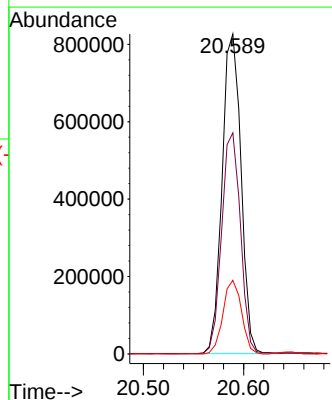
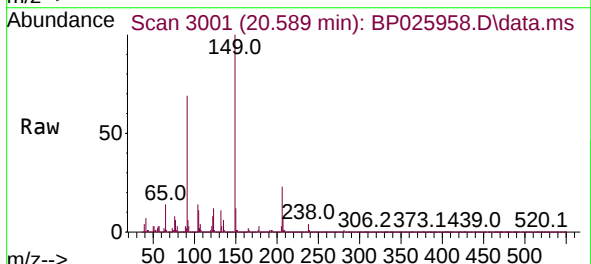
Instrument :
 BNA_P
 ClientSampleId :
 TP2MSD

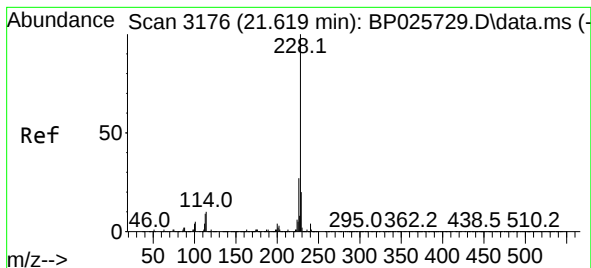
Tgt Ion:244 Resp: 2418828
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.3 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 47.936 ng
 RT: 20.589 min Scan# 3001
 Delta R.T. 0.012 min
 Lab File: BP025958.D
 Acq: 08 Oct 2025 18:10

Tgt Ion:149 Resp: 1084679
 Ion Ratio Lower Upper
 149 100
 91 69.1 56.6 85.0
 206 23.0 17.4 26.0





#81

Benzo(a)anthracene

Concen: 46.581 ng

RT: 21.560 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

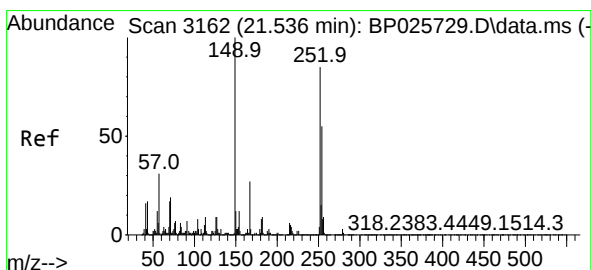
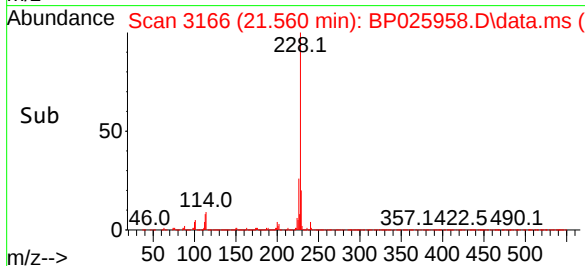
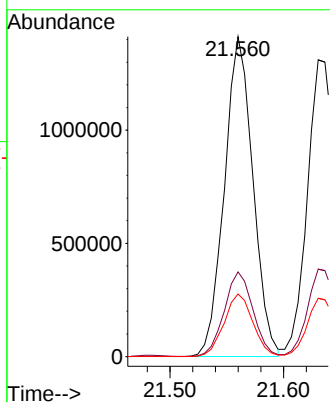
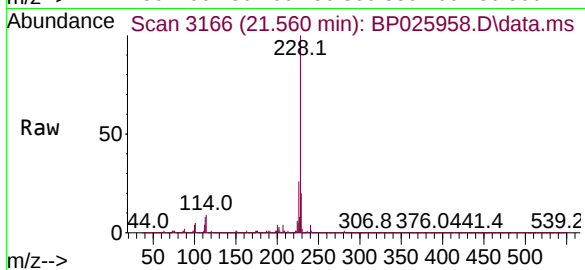
Tgt Ion:228 Resp: 2466567

Ion Ratio Lower Upper

228 100

226 26.5 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 30.812 ng

RT: 21.483 min Scan# 3153

Delta R.T. 0.012 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

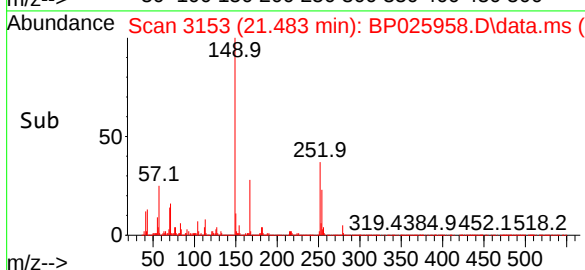
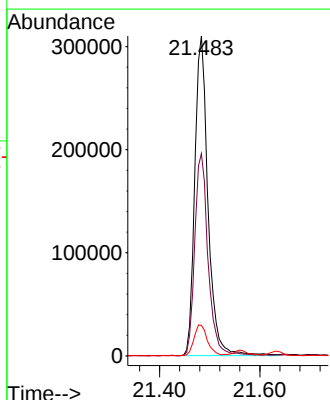
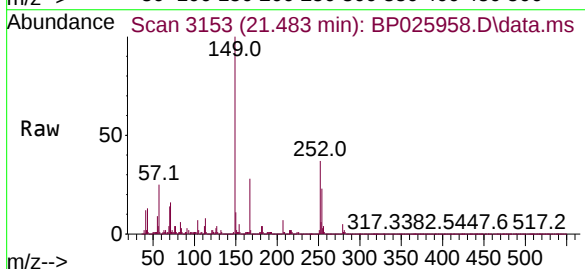
Tgt Ion:252 Resp: 568079

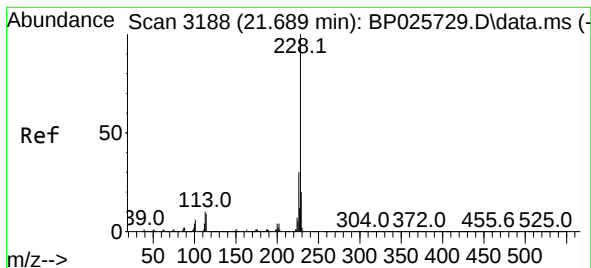
Ion Ratio Lower Upper

252 100

254 63.2 51.4 77.0

126 9.5 8.3 12.5





#83

Chrysene

Concen: 44.826 ng

RT: 21.630 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

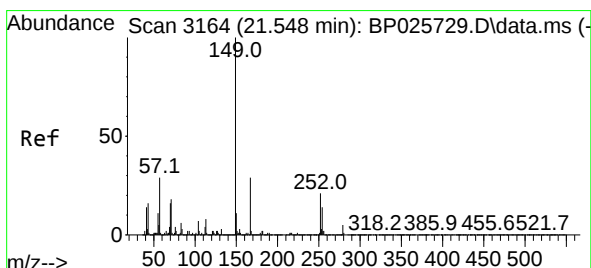
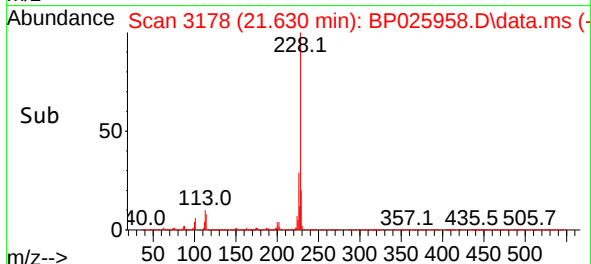
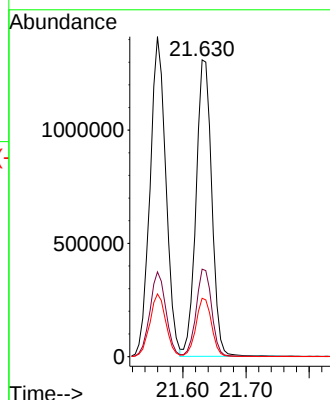
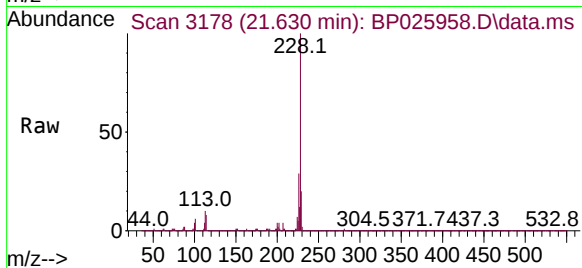
Tgt Ion:228 Resp: 2266194

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.917 ng

RT: 21.477 min Scan# 3152

Delta R.T. 0.012 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

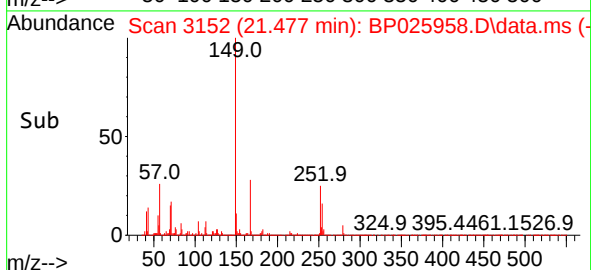
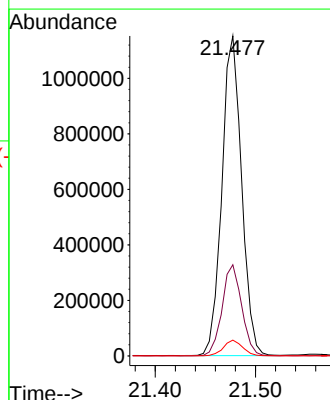
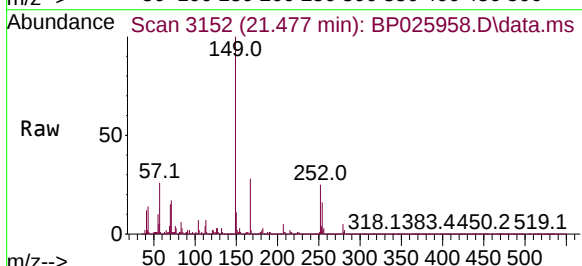
Tgt Ion:149 Resp: 1576342

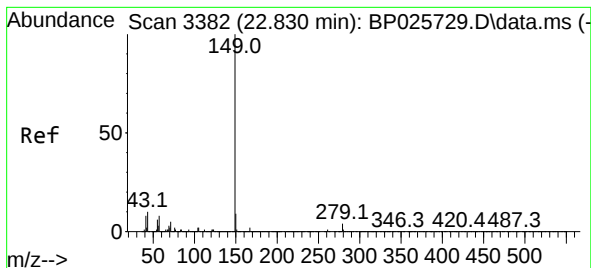
Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

279 4.9 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 47.224 ng

RT: 22.742 min Scan# 3382

Delta R.T. 0.012 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

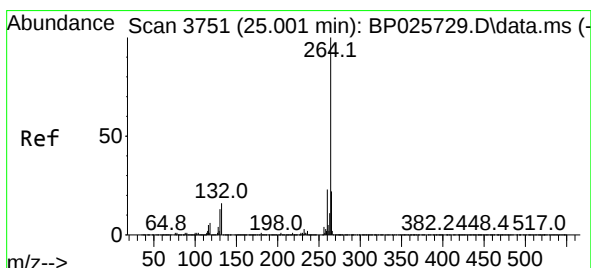
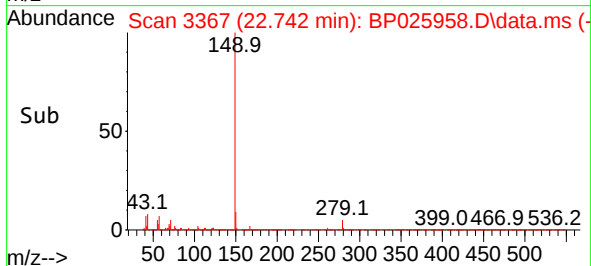
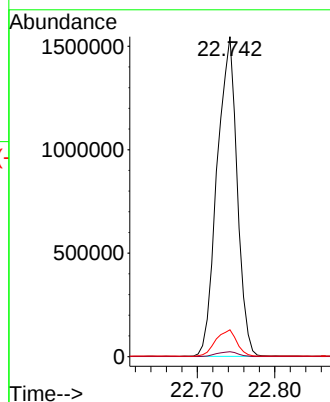
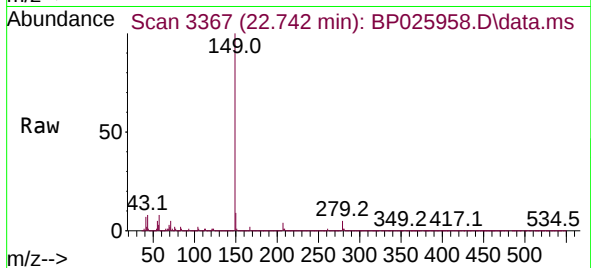
Tgt Ion:149 Resp: 2780448

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.918 min Scan# 3737

Delta R.T. -0.000 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

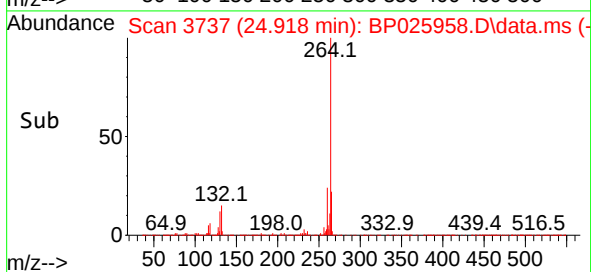
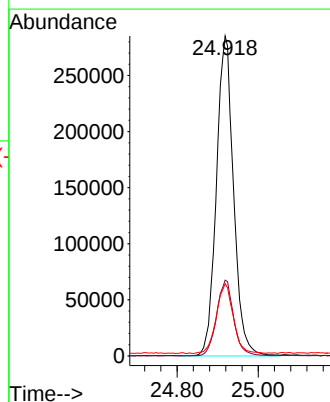
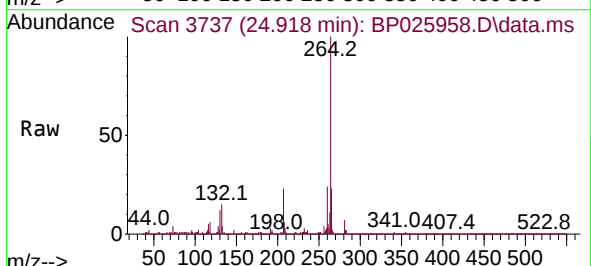
Tgt Ion:264 Resp: 835050

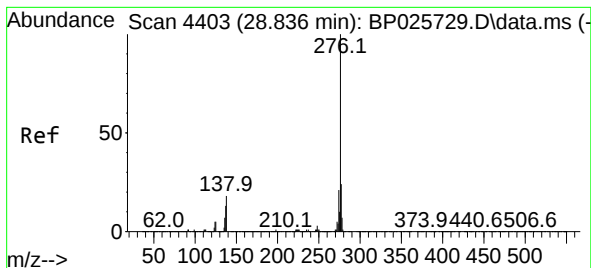
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 22.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.909 ng

RT: 28.724 min Scan# 4384

Delta R.T. -0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

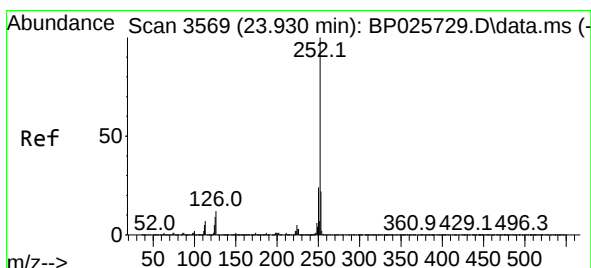
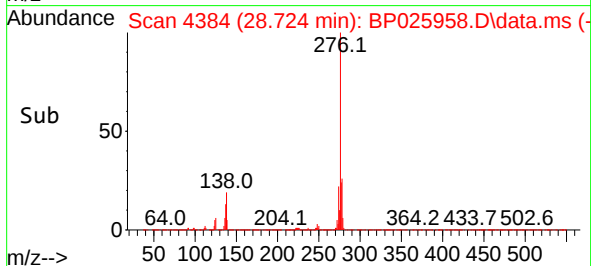
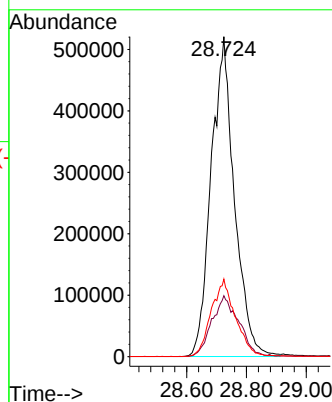
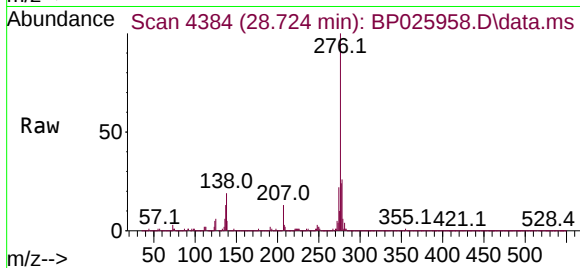
Tgt Ion:276 Resp: 2814436

Ion Ratio Lower Upper

276 100

138 21.9 13.4 20.2#

277 25.2 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 47.383 ng

RT: 23.854 min Scan# 3556

Delta R.T. 0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

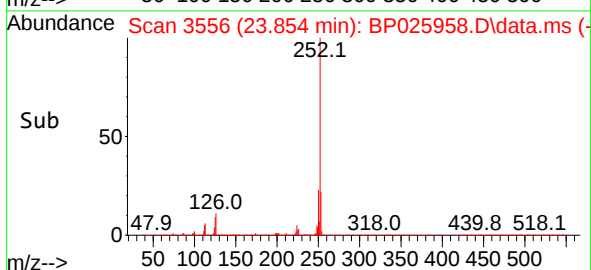
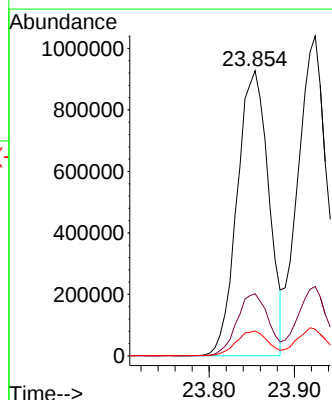
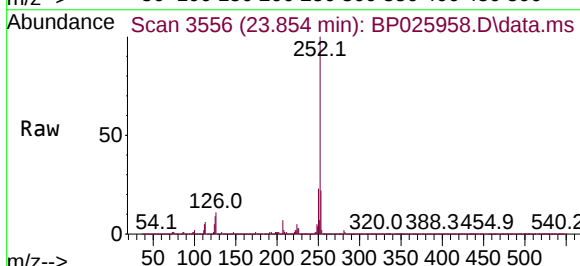
Tgt Ion:252 Resp: 2379939

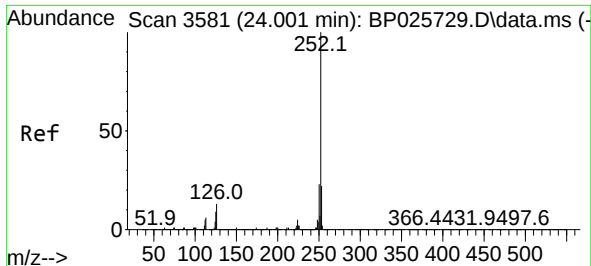
Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 8.7 7.3 10.9

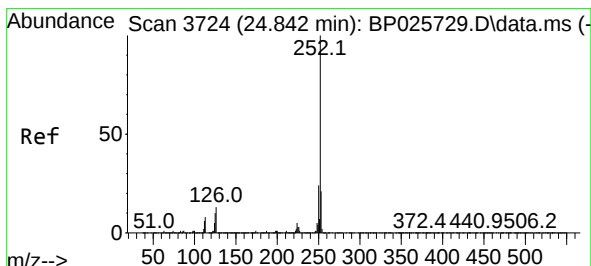
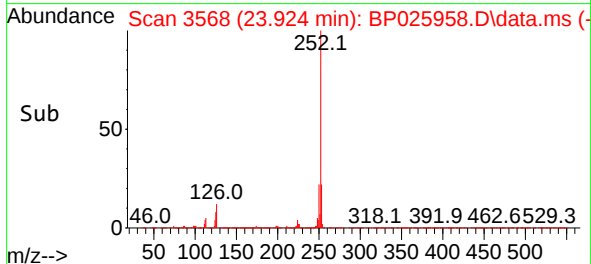
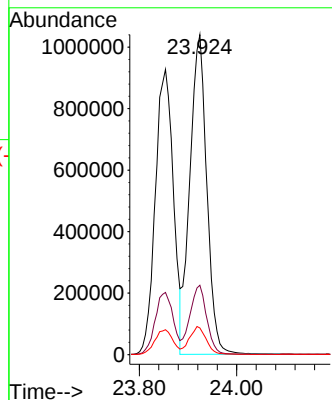
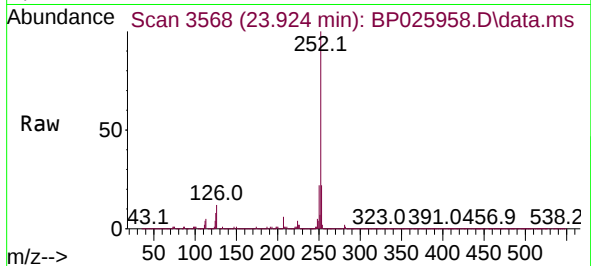




#89
Benzo(k)fluoranthene
Concen: 48.797 ng
RT: 23.924 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

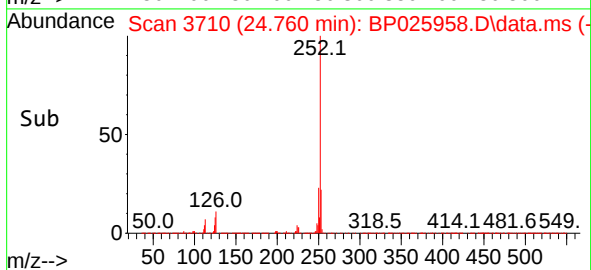
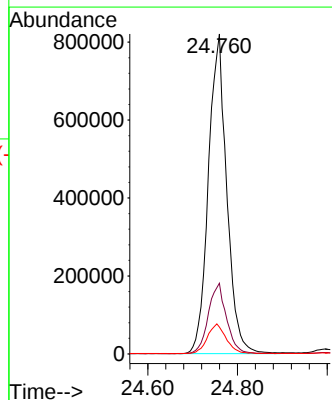
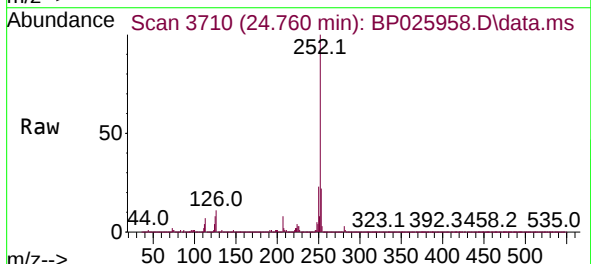
Instrument :
BNA_P
ClientSampleId :
TP2MSD

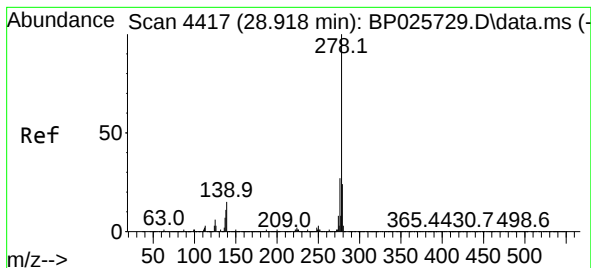
Tgt Ion:252 Resp: 2501966
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 47.187 ng
RT: 24.760 min Scan# 3710
Delta R.T. 0.006 min
Lab File: BP025958.D
Acq: 08 Oct 2025 18:10

Tgt Ion:252 Resp: 2325981
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 47.343 ng

RT: 28.771 min Scan# 43

Delta R.T. -0.012 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Instrument :

BNA_P

ClientSampleId :

TP2MSD

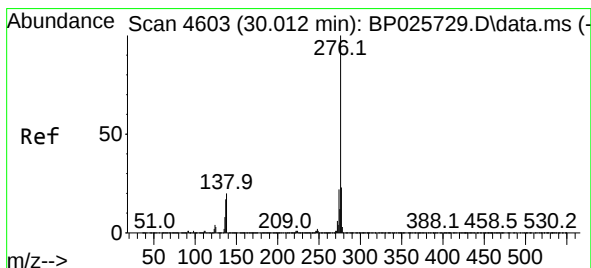
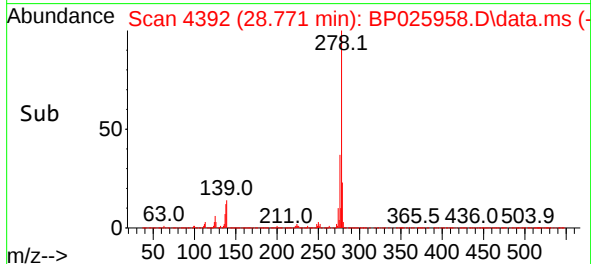
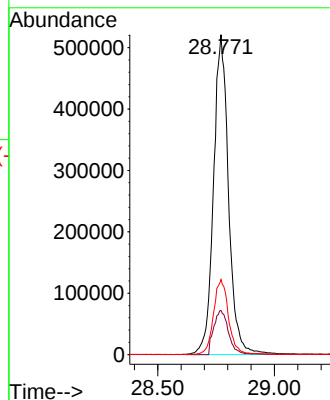
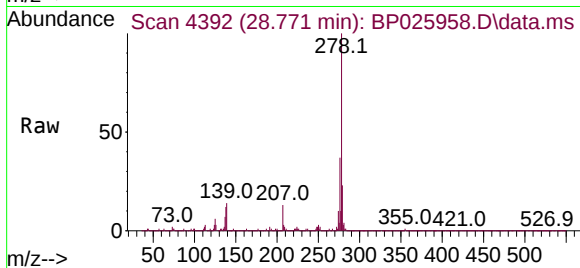
Tgt Ion:278 Resp: 2328116

Ion Ratio Lower Upper

278 100

139 13.8 12.1 18.1

279 23.5 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 46.772 ng

RT: 29.895 min Scan# 4583

Delta R.T. -0.006 min

Lab File: BP025958.D

Acq: 08 Oct 2025 18:10

Tgt Ion:276 Resp: 2262510

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 18.5 16.0 24.0

