

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025935.D
 Acq On : 06 Oct 2025 23:10
 Operator : CG/JU
 Sample : Q3289-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11966MS

Quant Time: Oct 07 02:10:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 19:16:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	161138	20.000	ng	-0.02
21) Naphthalene-d8	10.501	136	617249	20.000	ng	-0.02
39) Acenaphthene-d10	14.342	164	391056	20.000	ng	-0.04
64) Phenanthrene-d10	17.142	188	786547	20.000	ng	-0.04
76) Chrysene-d12	21.577	240	846364	20.000	ng	-0.06
86) Perylene-d12	24.918	264	950988	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	689266	69.019	ng	0.00
7) Phenol-d6	6.943	99	909235	68.498	ng	0.00
23) Nitrobenzene-d5	8.878	82	529430	37.835	ng	-0.02
42) 2,4,6-Tribromophenol	15.866	330	316137	64.813	ng	-0.04
45) 2-Fluorobiphenyl	12.954	172	1042058	35.481	ng	-0.04
79) Terphenyl-d14	19.854	244	1919534	40.801	ng	-0.06
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	152498	36.383	ng	96
3) Pyridine	3.702	79	425705	36.885	ng	94
4) n-Nitrosodimethylamine	3.608	42	204375	37.528	ng	92
6) Aniline	7.078	93	563080	30.902	ng	99
8) 2-Chlorophenol	7.319	128	489633	44.692	ng	99
9) Benzaldehyde	6.896	77	252658	31.756	ng	97
10) Phenol	6.966	94	609726	43.562	ng	98
11) bis(2-Chloroethyl)ether	7.166	93	475080	42.247	ng	95
12) 1,3-Dichlorobenzene	7.625	146	532946	42.742	ng	97
13) 1,4-Dichlorobenzene	7.766	146	542735	42.731	ng	99
14) 1,2-Dichlorobenzene	8.084	146	516108	41.828	ng	100
15) Benzyl Alcohol	7.978	79	452923	41.293	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.255	45	675634	36.740	ng	97
17) 2-Methylphenol	8.190	107	406520	43.079	ng	99
18) Hexachloroethane	8.796	117	202901	41.823	ng	98
19) n-Nitroso-di-n-propyla...	8.531	70	359388	38.818	ng	95
20) 3+4-Methylphenols	8.519	107	548979	41.540	ng	98
22) Acetophenone	8.549	105	792448	48.041	ng	# 99
24) Nitrobenzene	8.925	77	536275	42.720	ng	97
25) Isophorone	9.449	82	1005363	40.876	ng	99
26) 2-Nitrophenol	9.631	139	262254	47.054	ng	93
27) 2,4-Dimethylphenol	9.696	122	441669	45.171	ng	98
28) bis(2-Chloroethoxy)met...	9.913	93	604575	42.524	ng	99
29) 2,4-Dichlorophenol	10.184	162	453294	46.497	ng	98
30) 1,2,4-Trichlorobenzene	10.366	180	495995	45.144	ng	100
31) Naphthalene	10.549	128	1432115	43.029	ng	100
32) Benzoic acid	9.896	122	353486	48.626	ng	97
33) 4-Chloroaniline	10.672	127	394719	28.454	ng	97
34) Hexachlorobutadiene	10.825	225	324582	45.892	ng	98
35) Caprolactam	11.478	113	151103	40.208	ng	91
36) 4-Chloro-3-methylphenol	11.813	107	501660	43.162	ng	96
37) 2-Methylnaphthalene	12.160	142	914345	42.773	ng	99
38) 1-Methylnaphthalene	12.378	142	951494	41.740	ng	99
40) 1,2,4,5-Tetrachloroben...	12.531	216	620603	52.371	ng	99
41) Hexachlorocyclopentadiene	12.501	237	473063	73.298	ng	98
43) 2,4,6-Trichlorophenol	12.784	196	371562	47.696	ng	99

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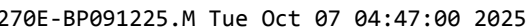
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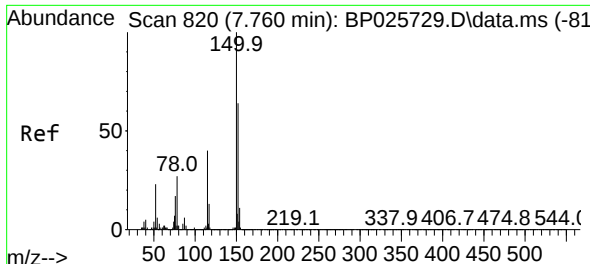
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 19:16:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	399539	46.083	ng	97
46) 1,1'-Biphenyl	13.172	154	1438993	50.133	ng	99
47) 2-Chloronaphthalene	13.213	162	1025863	45.390	ng	99
48) 2-Nitroaniline	13.431	65	326293	43.309	ng	95
49) Acenaphthylene	14.066	152	1692703	45.202	ng	100
50) Dimethylphthalate	13.801	163	1282748	42.965	ng	100
51) 2,6-Dinitrotoluene	13.925	165	282660	44.686	ng	94
52) Acenaphthene	14.407	154	938250	43.446	ng	100
53) 3-Nitroaniline	14.266	138	214260	32.211	ng	100
54) 2,4-Dinitrophenol	14.490	184	313082	76.360	ng	97
55) Dibenzofuran	14.748	168	1523653	43.289	ng	100
56) 4-Nitrophenol	14.631	139	395605	69.675	ng	96
57) 2,4-Dinitrotoluene	14.731	165	404772	44.965	ng	94
58) Fluorene	15.407	166	1236135	44.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.989	232	357493	45.773	ng	97
60) Diethylphthalate	15.178	149	1301605	42.979	ng	99
61) 4-Chlorophenyl-phenylether	15.401	204	632602	44.849	ng	98
62) 4-Nitroaniline	15.448	138	273159	40.085	ng	96
63) Azobenzene	15.695	77	1315884	44.937	ng	98
65) 4,6-Dinitro-2-methylph...	15.513	198	238603	45.615	ng	89
66) n-Nitrosodiphenylamine	15.619	169	1092191	45.375	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	402236	46.550	ng	99
68) Hexachlorobenzene	16.436	284	457405	47.468	ng	92
69) Atrazine	16.595	200	422884	45.962	ng	96
70) Pentachlorophenol	16.801	266	591433	92.996	ng	99
71) Phenanthrene	17.183	178	1934871	43.366	ng	100
72) Anthracene	17.278	178	2003014	44.246	ng	99
73) Carbazole	17.560	167	1877411	44.607	ng	100
74) Di-n-butylphthalate	18.136	149	2309436	44.714	ng	100
75) Fluoranthene	19.266	202	2423361	45.287	ng	99
77) Benzidine	19.466	184	1409932	57.832	ng	99
78) Pyrene	19.642	202	2518707	44.600	ng	99
80) Butylbenzylphthalate	20.583	149	1103274	44.556	ng	96
81) Benzo(a)anthracene	21.560	228	2593230	44.755	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	695064	34.692	ng	99
83) Chrysene	21.624	228	2461133	44.558	ng	99
84) Bis(2-ethylhexyl)phtha...	21.477	149	1600232	44.172	ng	100
85) Di-n-octyl phthalate	22.742	149	2911110	45.175	ng	97
87) Indeno(1,2,3-cd)pyrene	28.736	276	3246353	46.941	ng	# 78
88) Benzo(b)fluoranthene	23.860	252	2673203	45.967	ng	99
89) Benzo(k)fluoranthene	23.930	252	2689926	45.328	ng	99
90) Benzo(a)pyrene	24.754	252	2574389	45.204	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	2656174	46.934	ng	99
92) Benzo(g,h,i)perylene	29.906	276	2622677	47.123	ng	99

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

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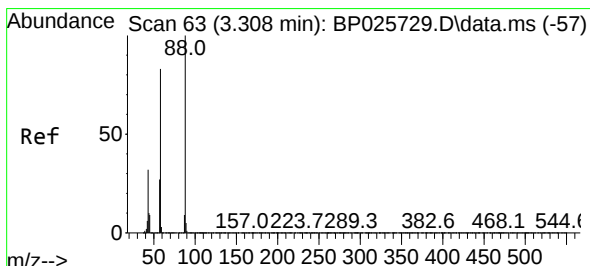
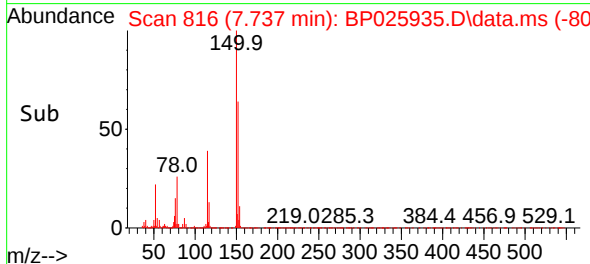
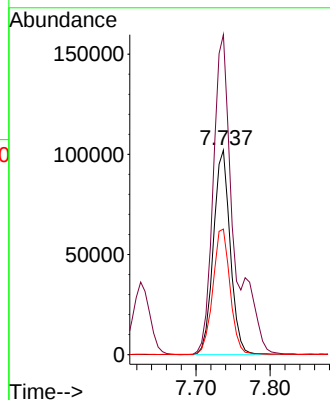
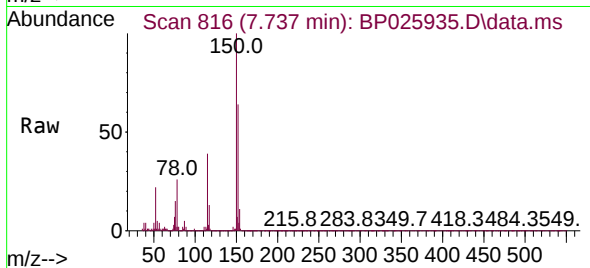




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.737 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BP025935.D
 Acq: 06 Oct 2025 23:10

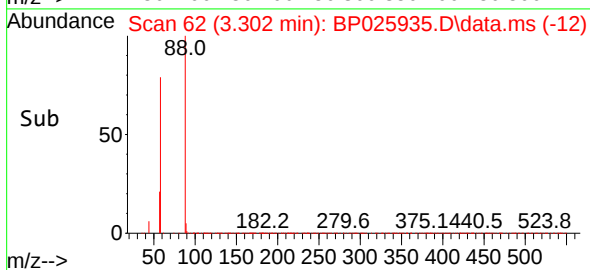
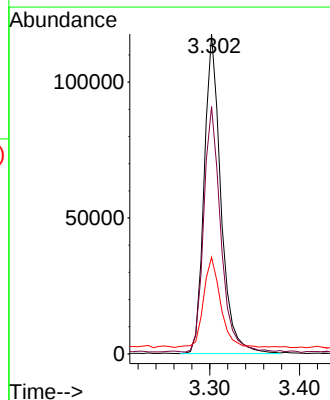
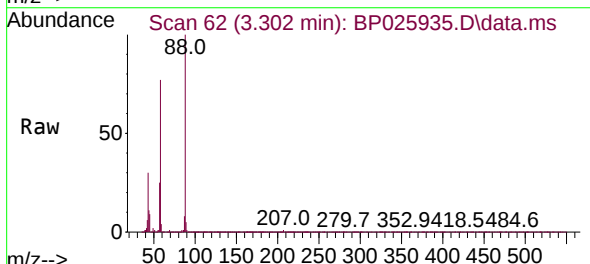
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 72-11966MS

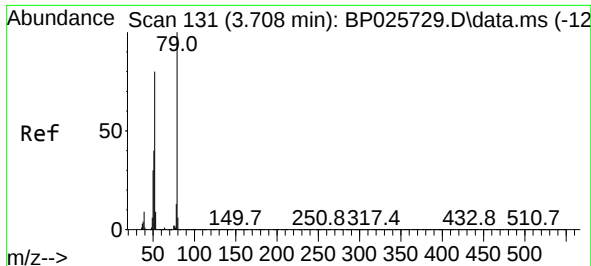
Tgt Ion:152 Resp: 161138
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.3 186.5
 115 61.5 50.3 75.5



#2
 1,4-Dioxane
 Concen: 36.383 ng
 RT: 3.302 min Scan# 62
 Delta R.T. -0.006 min
 Lab File: BP025935.D
 Acq: 06 Oct 2025 23:10

Tgt Ion: 88 Resp: 152498
 Ion Ratio Lower Upper
 88 100
 58 79.0 65.5 98.3
 43 28.7 25.2 37.8

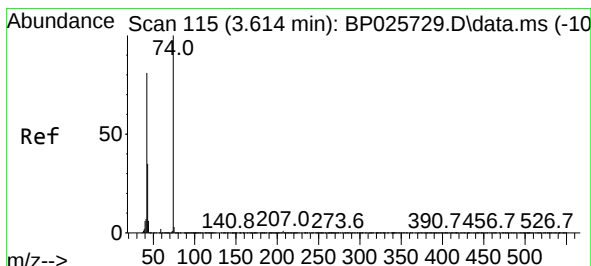
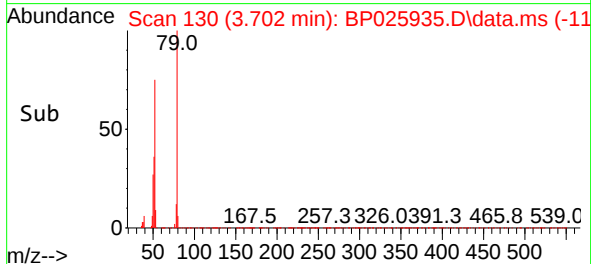
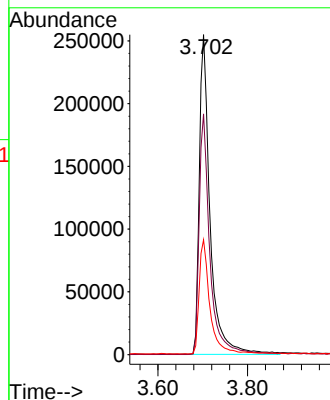
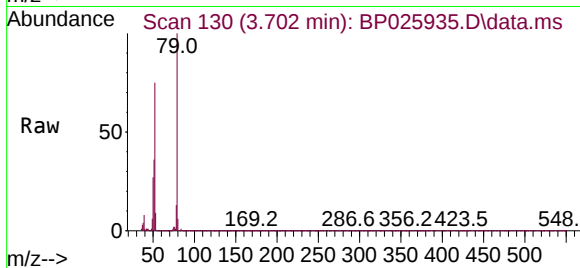




#3
Pyridine
Concen: 36.885 ng
RT: 3.702 min Scan# 113
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

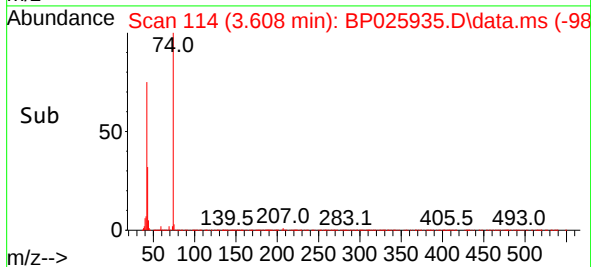
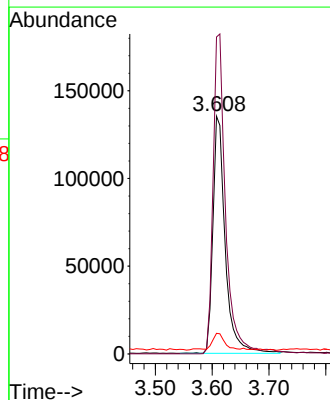
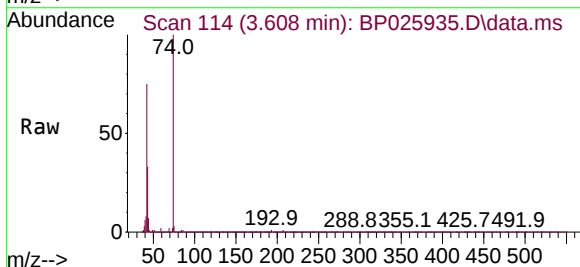
Instrument :
BNA_P
ClientSampleId :
72-11966MS

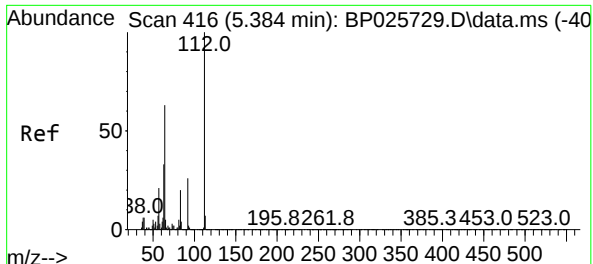
Tgt Ion: 79 Resp: 425705
Ion Ratio Lower Upper
79 100
52 75.2 63.7 95.5
51 35.9 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 37.528 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 42 Resp: 204375
Ion Ratio Lower Upper
42 100
74 133.3 99.2 148.8
44 8.7 6.4 9.6

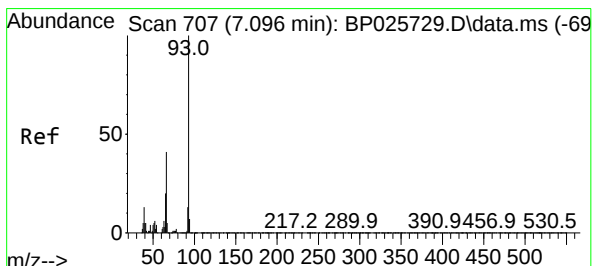
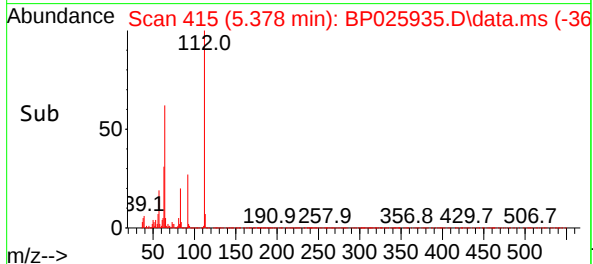
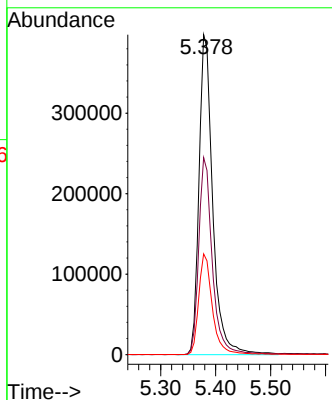
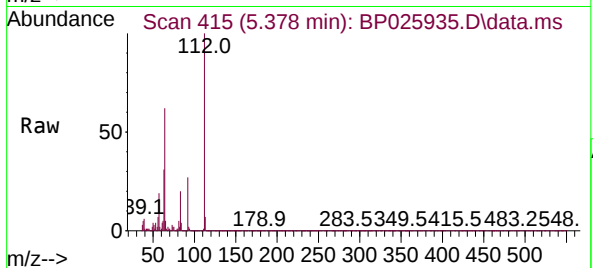




#5
2-Fluorophenol
Concen: 69.019 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

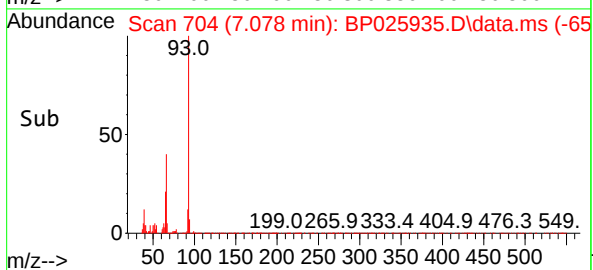
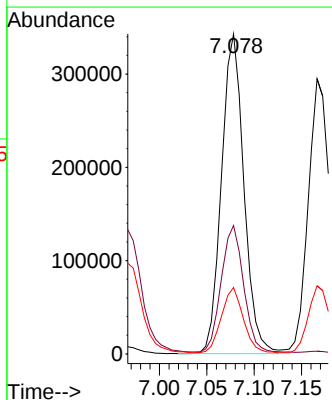
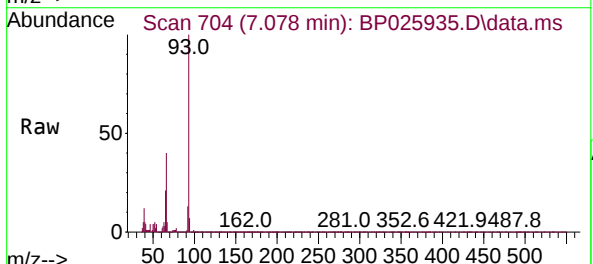
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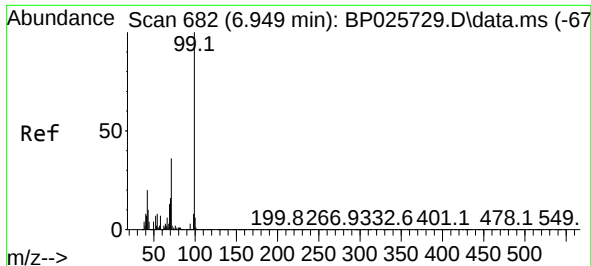
Tgt Ion:112 Resp: 689266
Ion Ratio Lower Upper
112 100
64 61.6 50.2 75.4
63 31.5 26.7 40.1



#6
Aniline
Concen: 30.902 ng
RT: 7.078 min Scan# 704
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 93 Resp: 563080
Ion Ratio Lower Upper
93 100
66 40.1 32.6 49.0
65 20.7 16.2 24.2

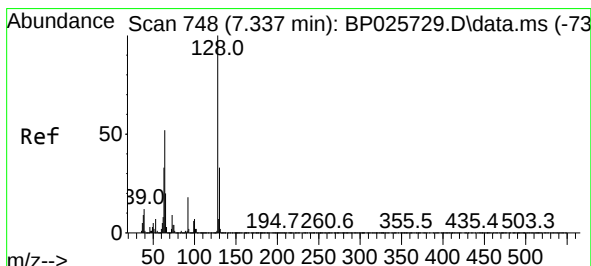
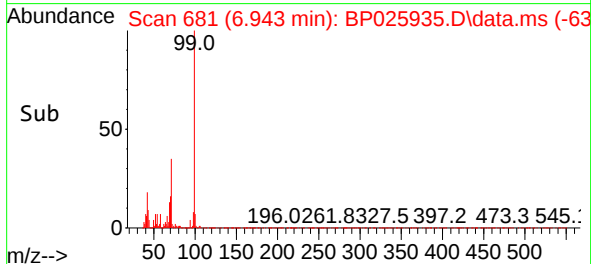
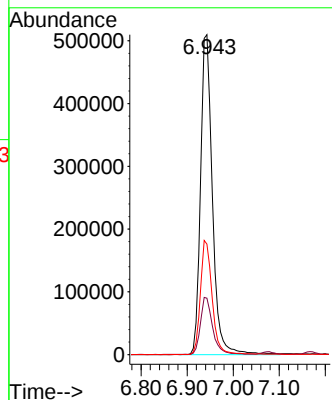
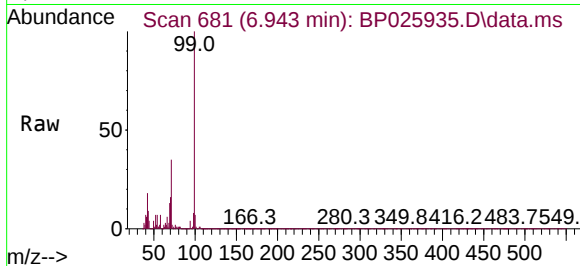




#7
Phenol-d6
Concen: 68.498 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

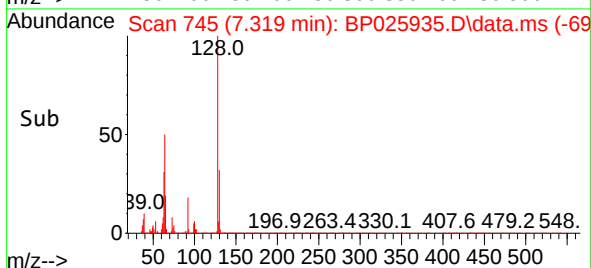
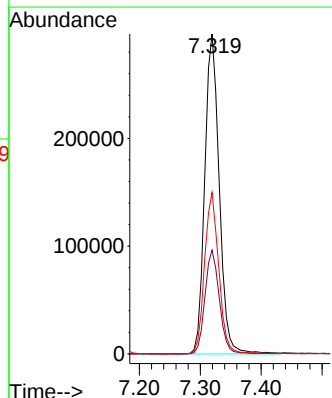
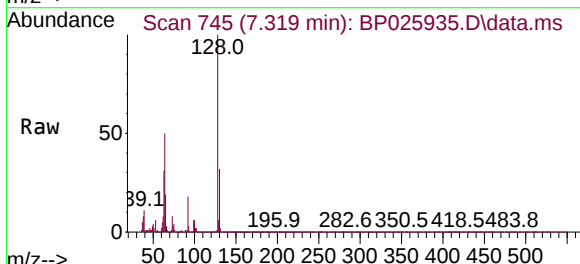
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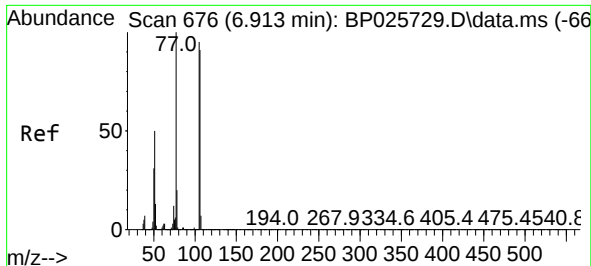
Tgt Ion: 99 Resp: 909235
Ion Ratio Lower Upper
99 100
42 17.6 15.6 23.4
71 34.5 28.6 43.0



#8
2-Chlorophenol
Concen: 44.692 ng
RT: 7.319 min Scan# 745
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 128 Resp: 489633
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 50.5 31.6 71.6

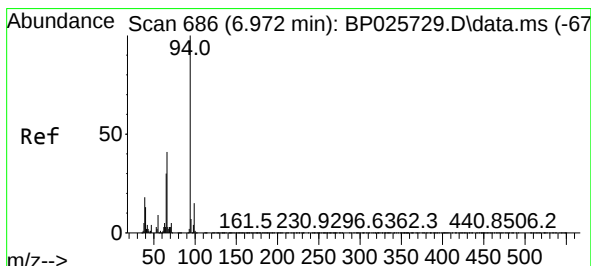
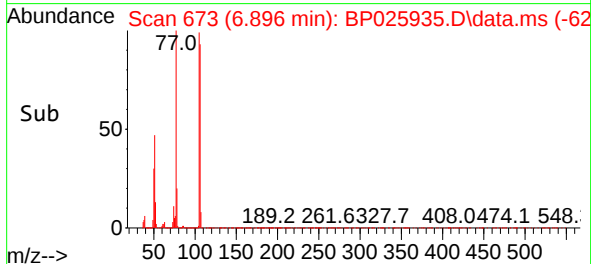
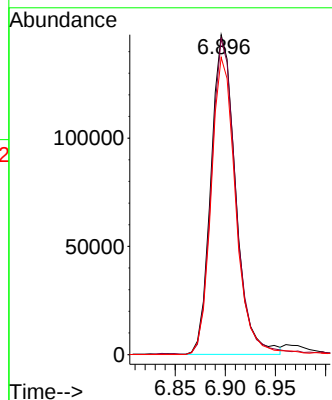
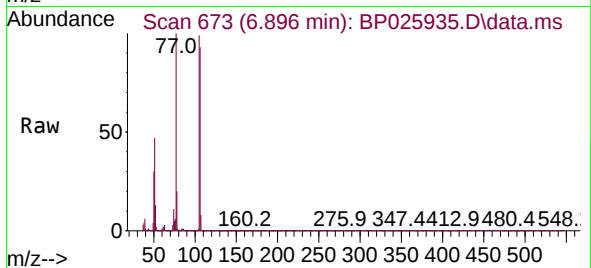




#9
Benzaldehyde
Concen: 31.756 ng
RT: 6.896 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

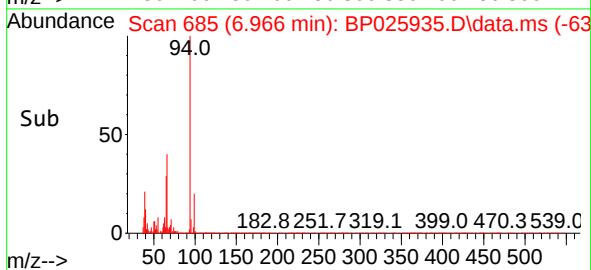
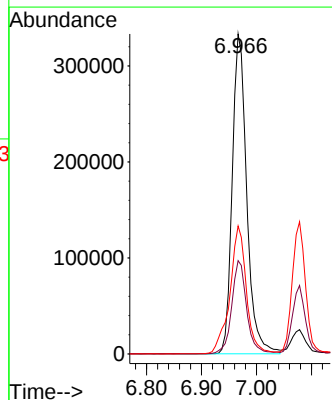
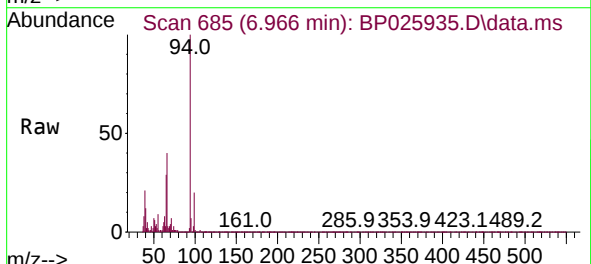
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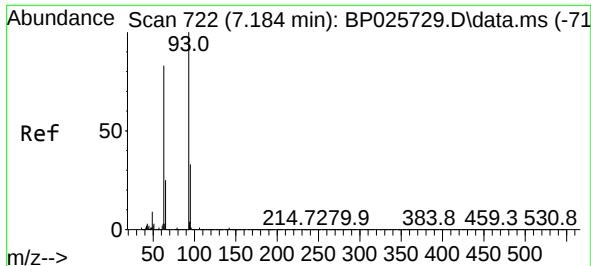
Tgt Ion: 77 Resp: 252658
Ion Ratio Lower Upper
77 100
105 98.8 75.2 115.2
106 92.9 71.3 111.3



#10
Phenol
Concen: 43.562 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 94 Resp: 609726
Ion Ratio Lower Upper
94 100
65 29.1 10.2 50.2
66 40.0 21.4 61.4

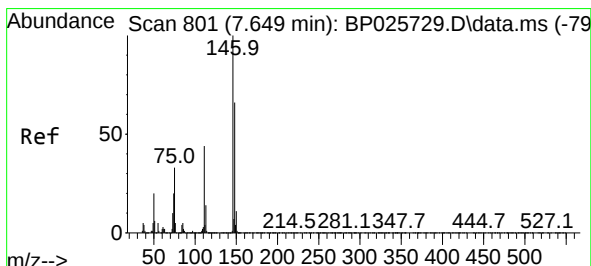
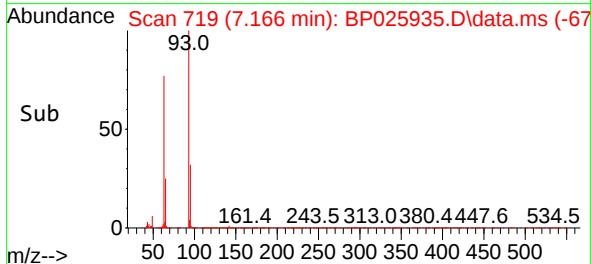
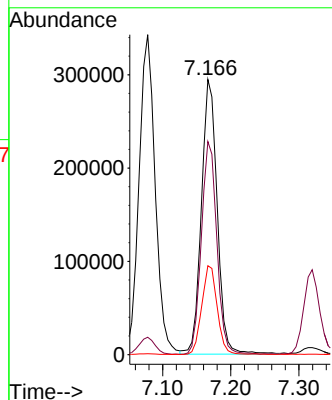
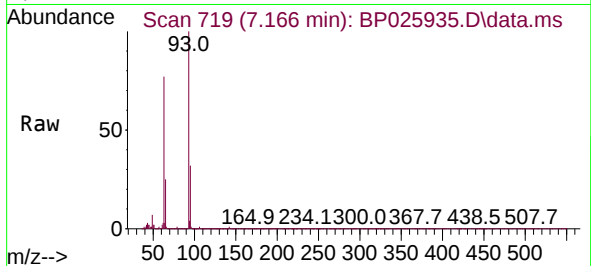




#11
bis(2-Chloroethyl)ether
Concen: 42.247 ng
RT: 7.166 min Scan# 71
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

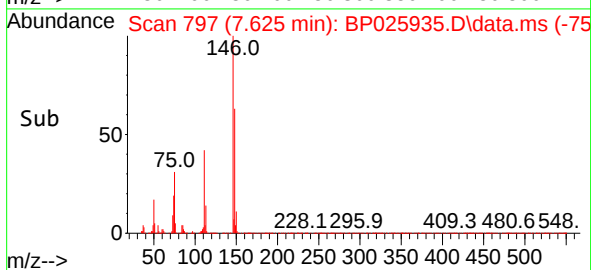
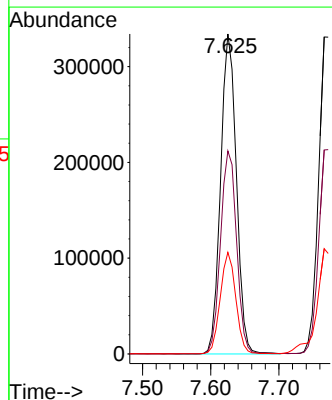
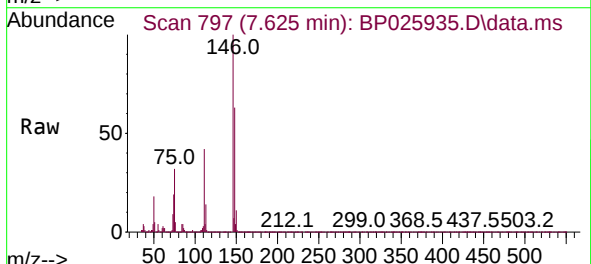
Instrument :
BNA_P
ClientSampleId :
72-11966MS

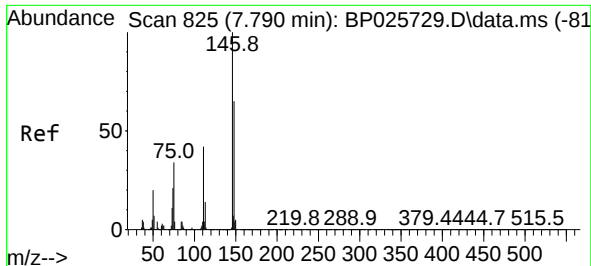
Tgt Ion: 93 Resp: 475080
Ion Ratio Lower Upper
93 100
63 77.4 62.6 102.6
95 32.3 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 42.742 ng
RT: 7.625 min Scan# 797
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:146 Resp: 532946
Ion Ratio Lower Upper
146 100
148 63.4 52.7 79.1
75 31.7 26.4 39.6

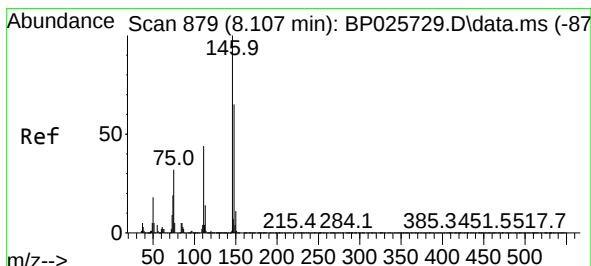
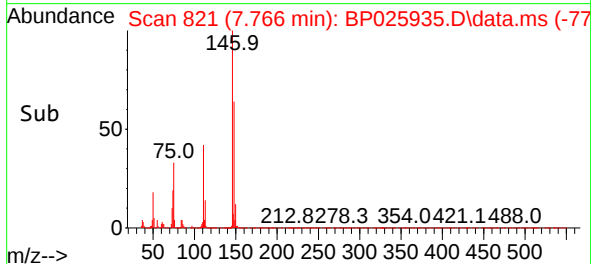
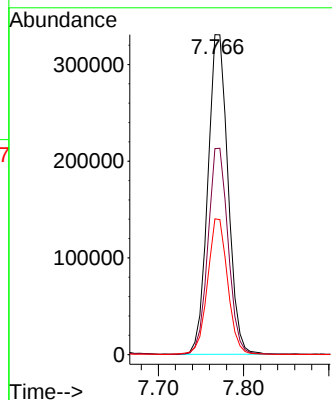
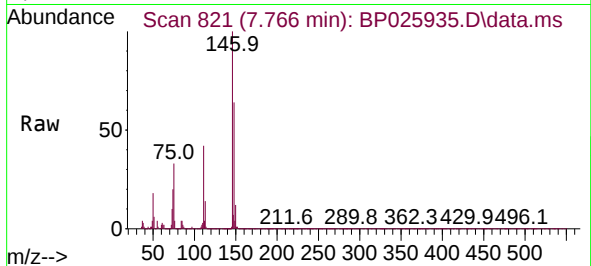




#13
1,4-Dichlorobenzene
Concen: 42.731 ng
RT: 7.766 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

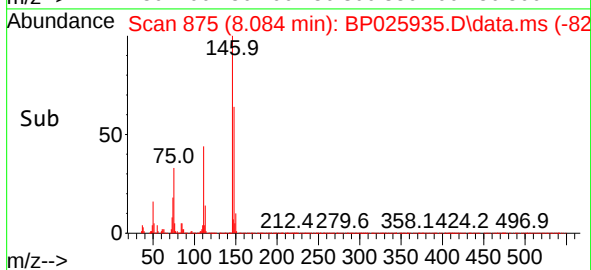
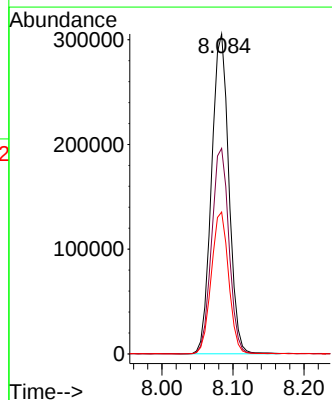
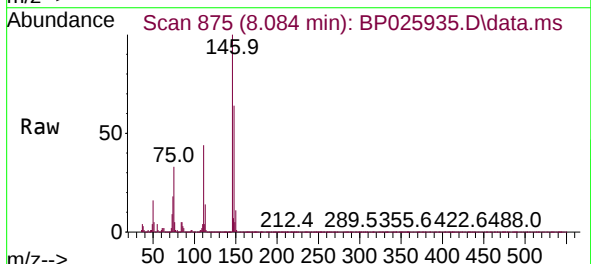
Instrument :
BNA_P
ClientSampleId :
72-11966MS

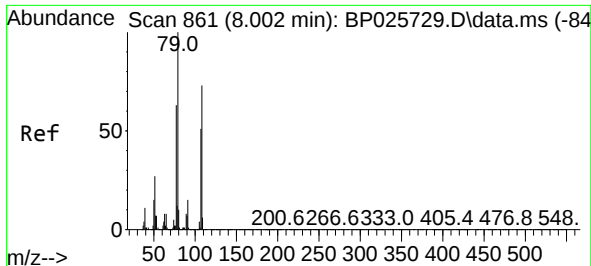
Tgt Ion:146 Resp: 542735
Ion Ratio Lower Upper
146 100
148 64.4 52.0 78.0
111 42.4 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 41.828 ng
RT: 8.084 min Scan# 875
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:146 Resp: 516108
Ion Ratio Lower Upper
146 100
148 64.3 51.7 77.5
111 44.3 35.5 53.3

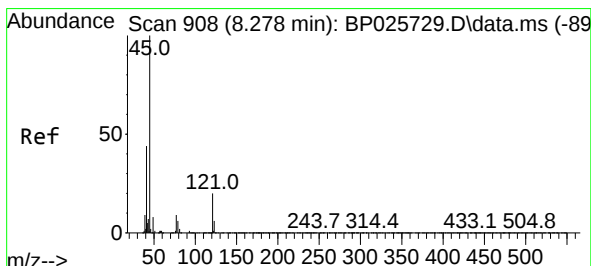
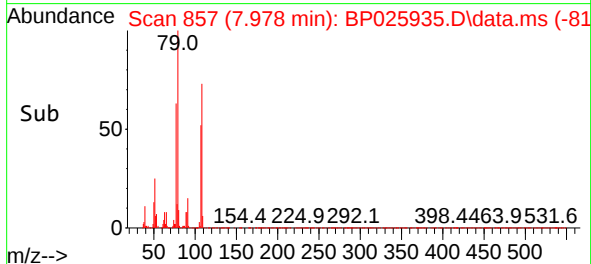
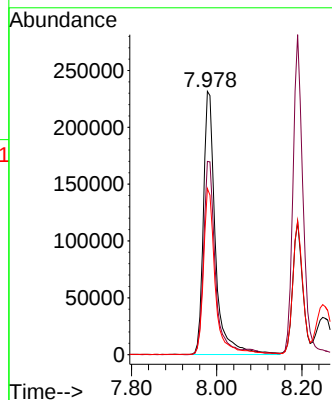
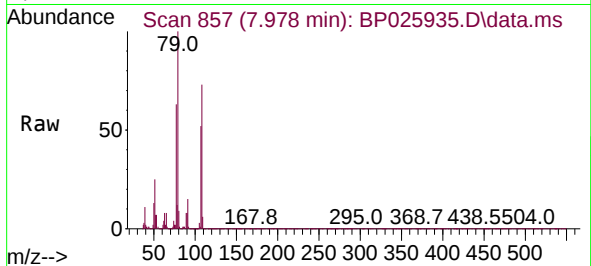




#15
Benzyl Alcohol
Concen: 41.293 ng
RT: 7.978 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

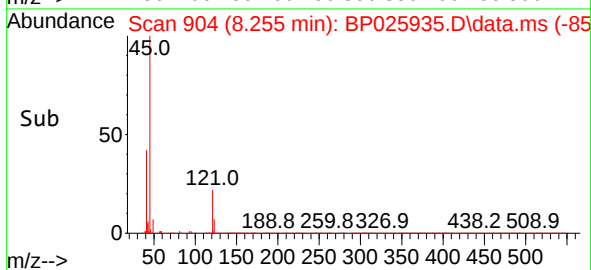
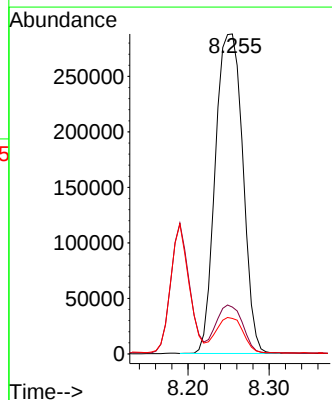
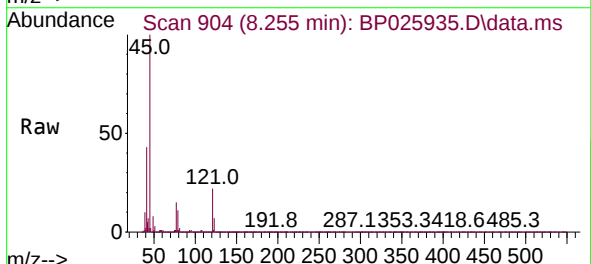
Instrument :
BNA_P
ClientSampleId :
72-11966MS

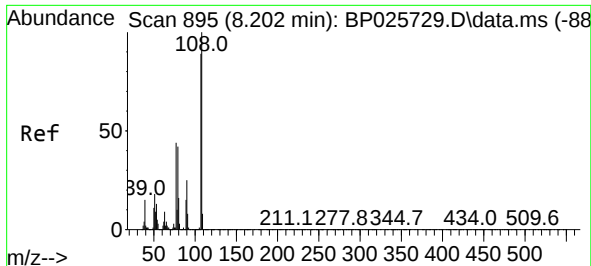
Tgt Ion: 79 Resp: 452923
Ion Ratio Lower Upper
79 100
108 73.4 58.7 88.1
77 63.1 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.740 ng
RT: 8.255 min Scan# 904
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 45 Resp: 675634
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.1
79 11.1 0.0 30.0

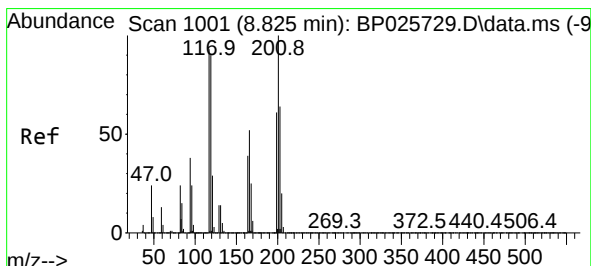
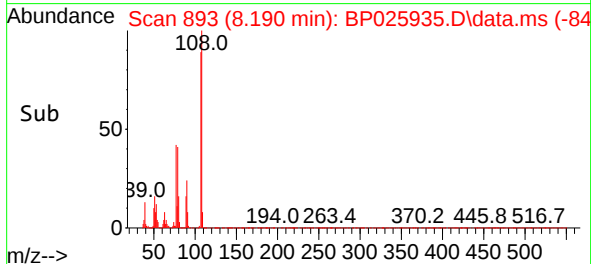
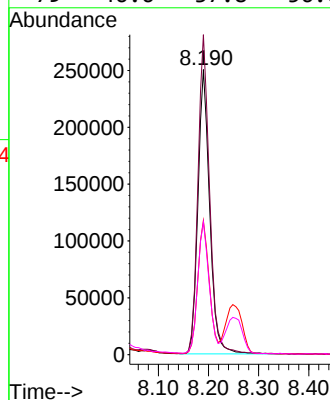
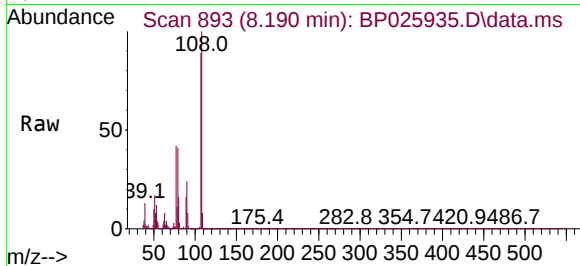




#17
2-Methylphenol
Concen: 43.079 ng
RT: 8.190 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

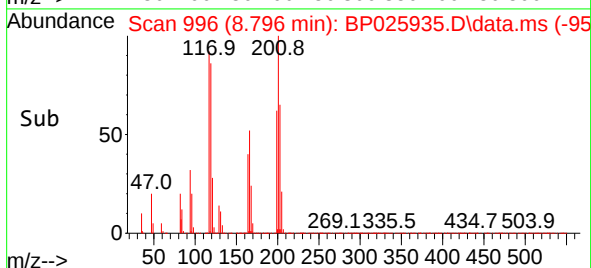
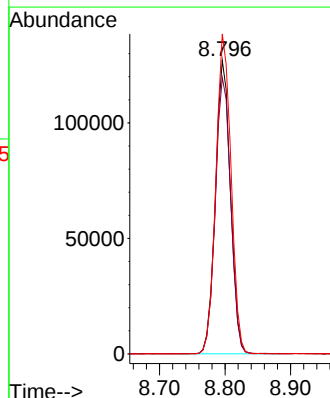
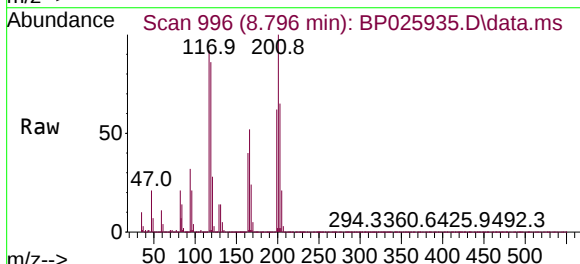
Instrument :
BNA_P
ClientSampleId :
72-11966MS

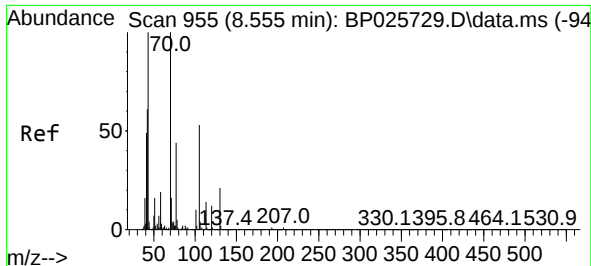
Tgt Ion:107 Resp: 406520
Ion Ratio Lower Upper
107 100
108 112.2 89.6 134.4
77 47.0 39.3 58.9
79 46.6 37.8 56.6



#18
Hexachloroethane
Concen: 41.823 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.029 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:117 Resp: 202901
Ion Ratio Lower Upper
117 100
119 94.1 77.1 115.7
201 109.1 85.6 128.4

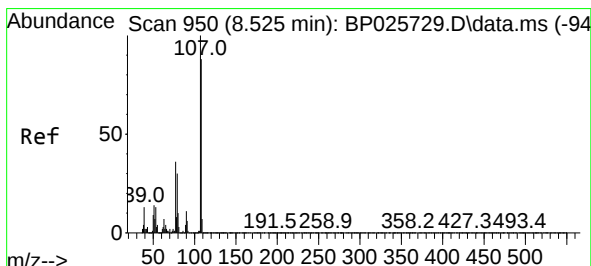
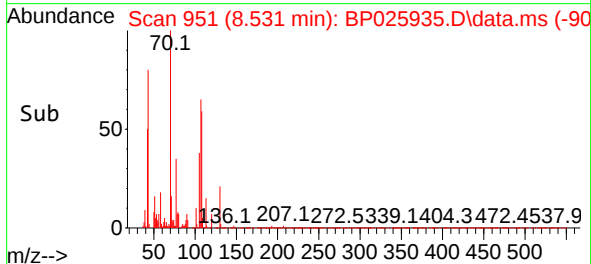
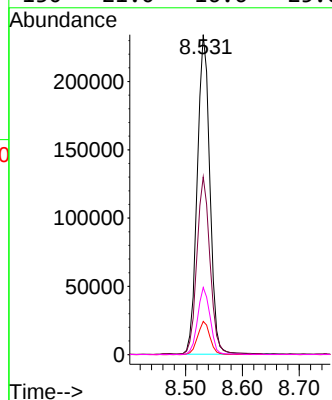
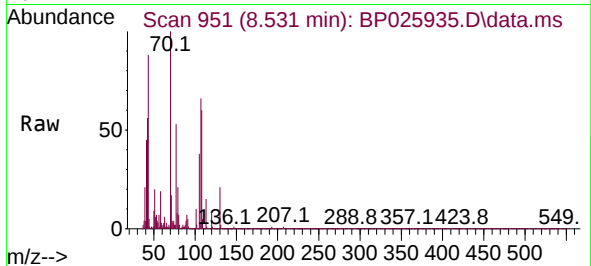




#19
n-Nitroso-di-n-propylamine
Concen: 38.818 ng
RT: 8.531 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

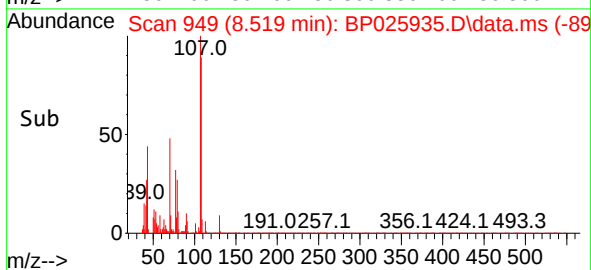
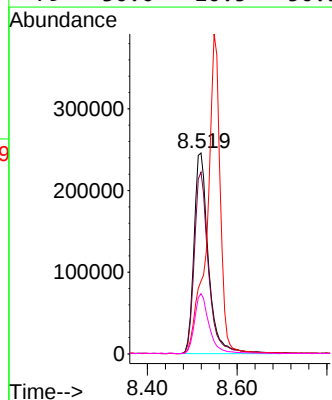
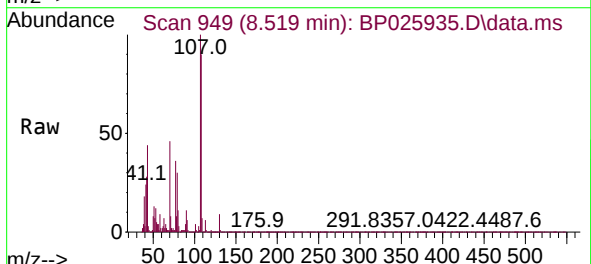
Instrument :
BNA_P
ClientSampleId :
72-11966MS

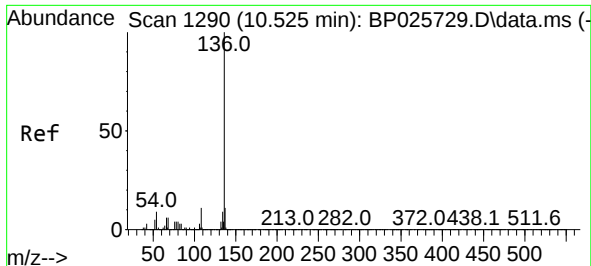
Tgt Ion: 70 Resp: 359388
Ion Ratio Lower Upper
70 100
42 55.5 49.0 73.4
101 10.4 7.9 11.9
130 21.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 41.540 ng
RT: 8.519 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 107 Resp: 548979
Ion Ratio Lower Upper
107 100
108 90.5 67.8 107.8
77 36.2 16.1 56.1
79 30.0 10.5 50.5



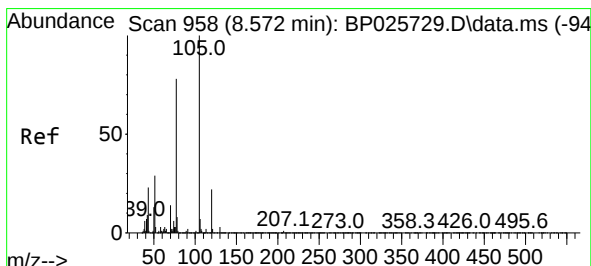
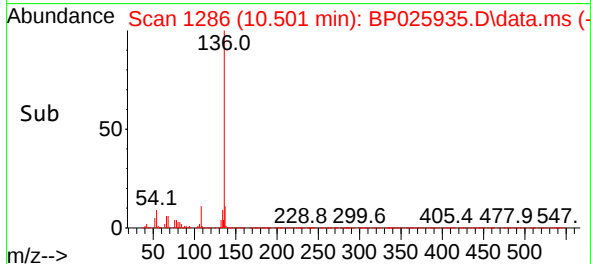
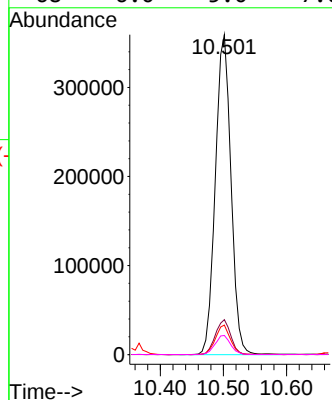
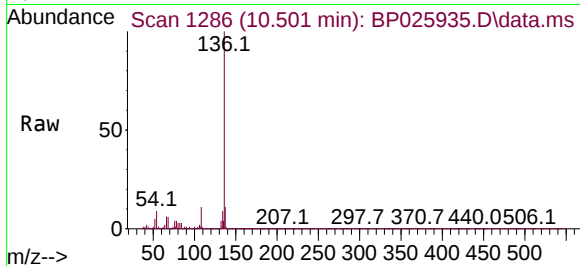


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Instrument :
BNA_P
ClientSampleId :
72-11966MS

Tgt Ion:136 Resp: 617249

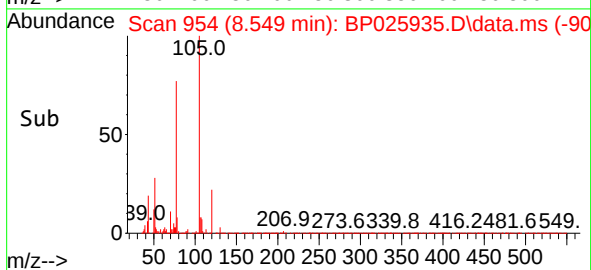
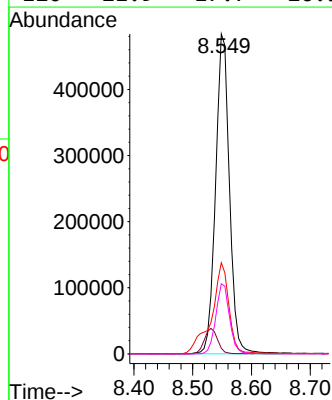
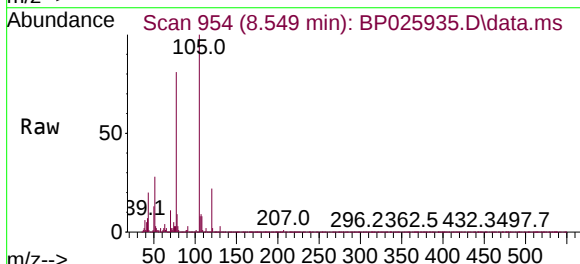
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.2	7.5	11.3
68	6.0	5.0	7.6

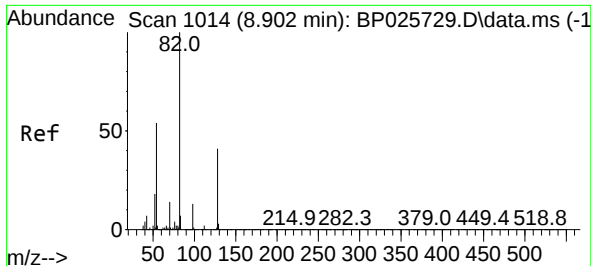


#22
Acetophenone
Concen: 48.041 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:105 Resp: 792448

Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.8	2.8
51	28.5	23.5	35.3
120	21.9	17.7	26.5

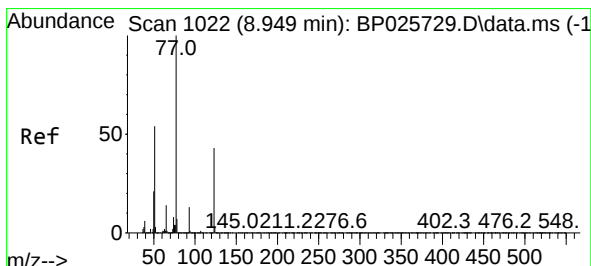
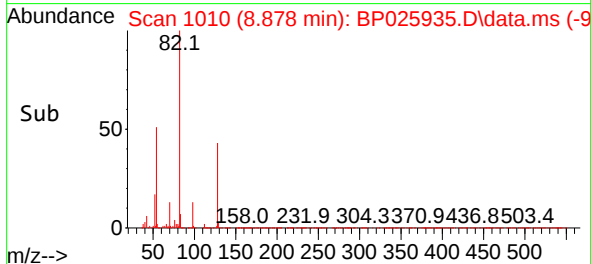
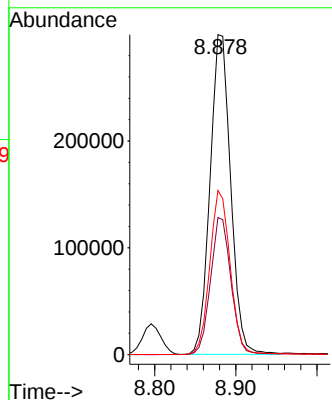
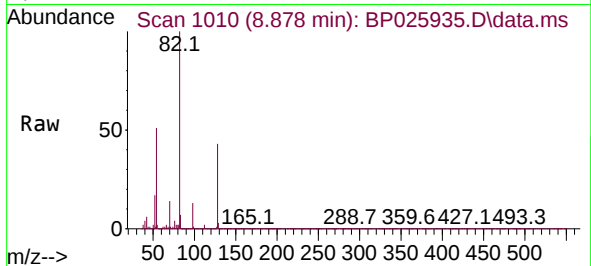




#23
Nitrobenzene-d5
Concen: 37.835 ng
RT: 8.878 min Scan# 1010
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

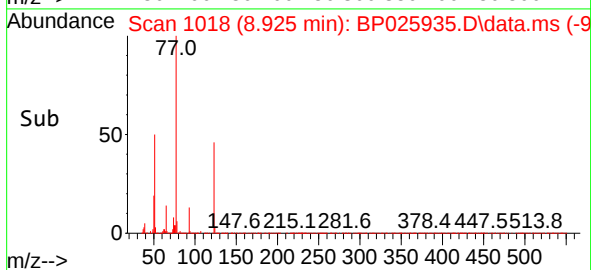
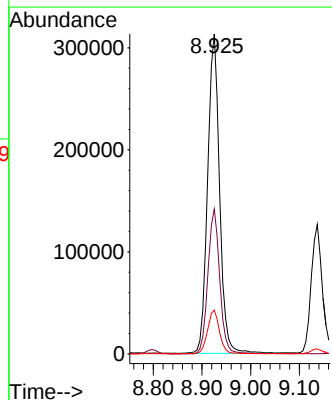
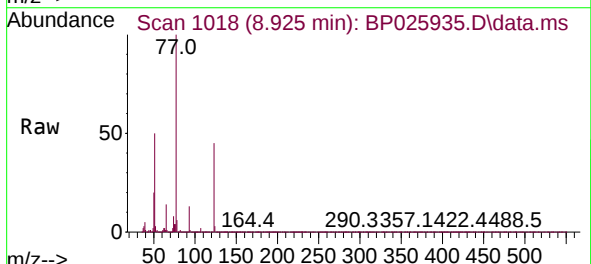
Instrument :
BNA_P
ClientSampleId :
72-11966MS

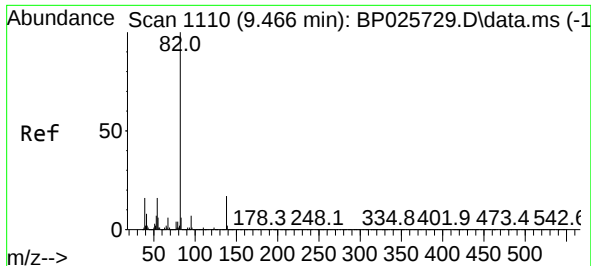
Tgt Ion: 82 Resp: 529430
Ion Ratio Lower Upper
82 100
128 42.8 32.9 49.3
54 51.3 43.4 65.2



#24
Nitrobenzene
Concen: 42.720 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 77 Resp: 536275
Ion Ratio Lower Upper
77 100
123 45.3 34.4 51.6
65 13.7 10.8 16.2

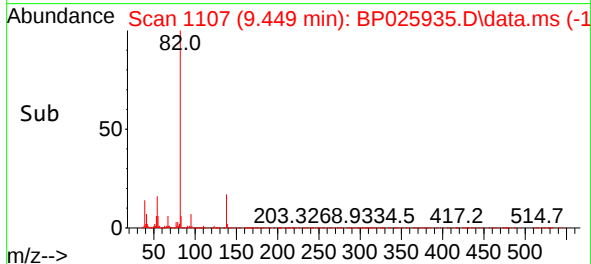
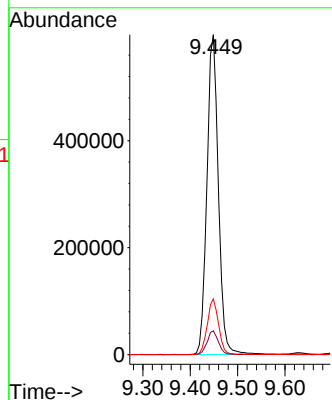
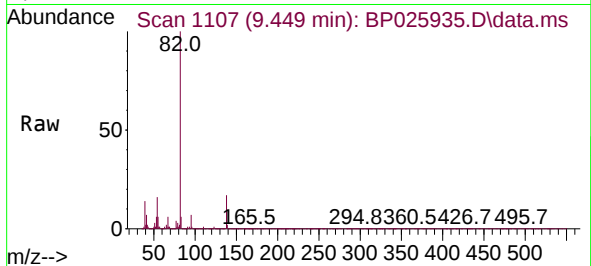




#25
Isophorone
Concen: 40.876 ng
RT: 9.449 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

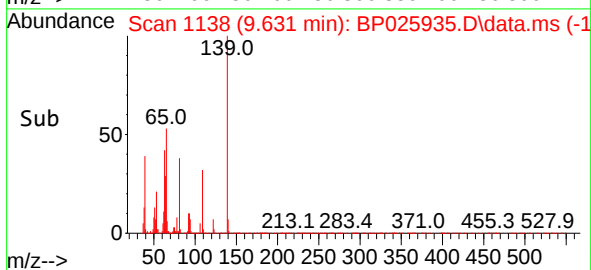
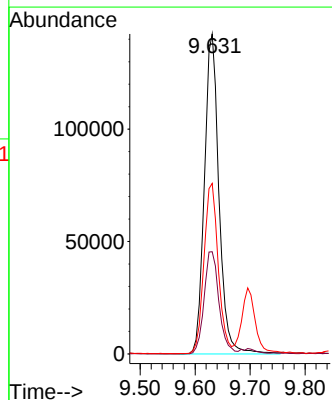
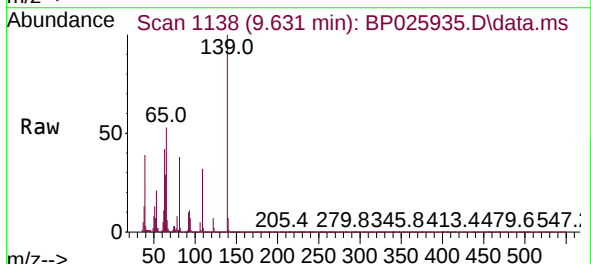
Instrument :
BNA_P
ClientSampleId :
72-11966MS

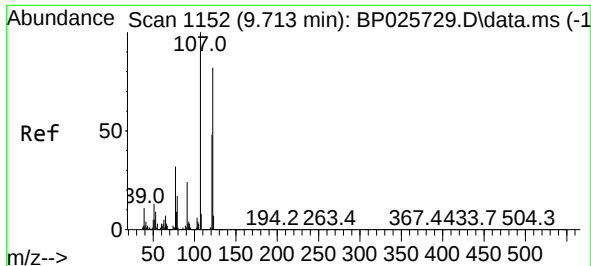
Tgt Ion: 82 Resp: 1005363
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 17.4 13.5 20.3



#26
2-Nitrophenol
Concen: 47.054 ng
RT: 9.631 min Scan# 1138
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 139 Resp: 262254
Ion Ratio Lower Upper
139 100
109 31.9 29.0 43.4
65 53.3 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 45.171 ng

RT: 9.696 min Scan# 1149

Delta R.T. -0.018 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

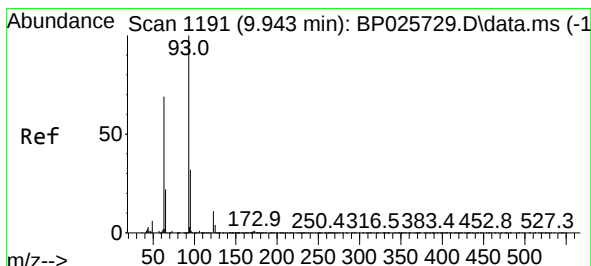
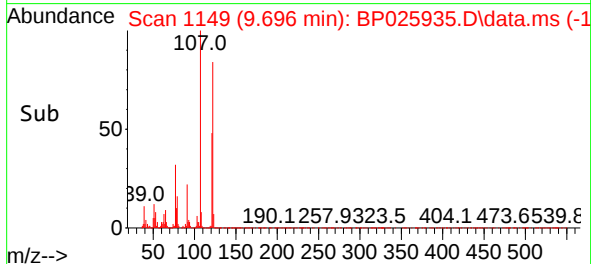
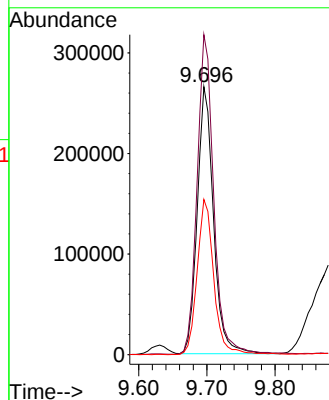
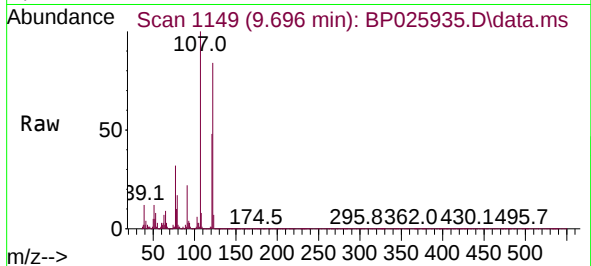
Tgt Ion:122 Resp: 441669

Ion Ratio Lower Upper

122 100

107 119.4 97.9 146.9

121 57.9 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.524 ng

RT: 9.913 min Scan# 1186

Delta R.T. -0.029 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

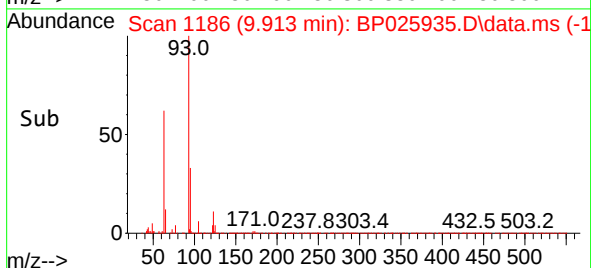
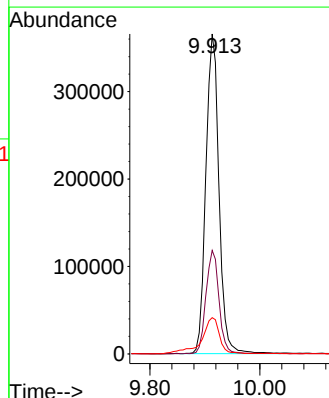
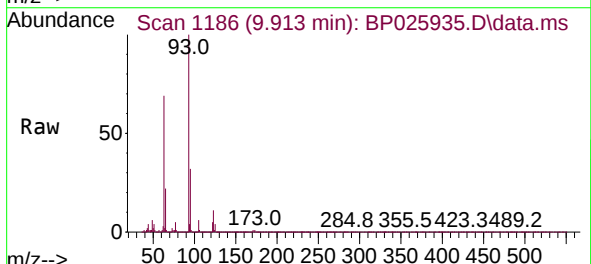
Tgt Ion: 93 Resp: 604575

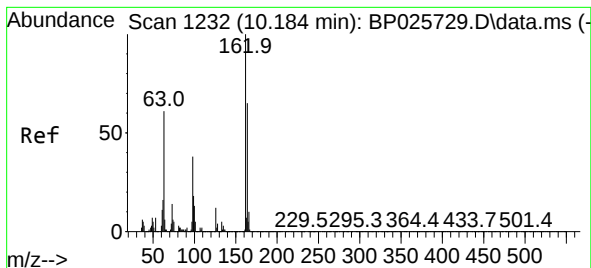
Ion Ratio Lower Upper

93 100

95 32.3 25.6 38.4

123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.497 ng

RT: 10.184 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

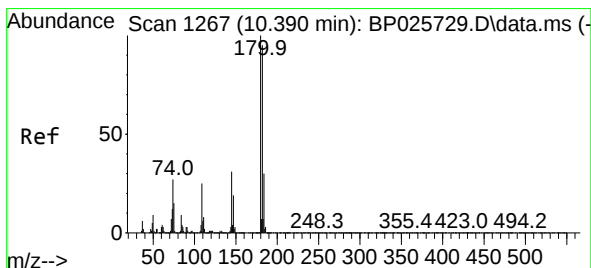
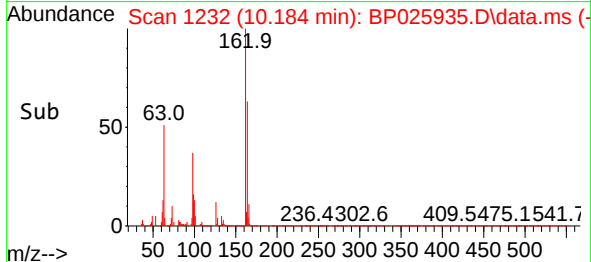
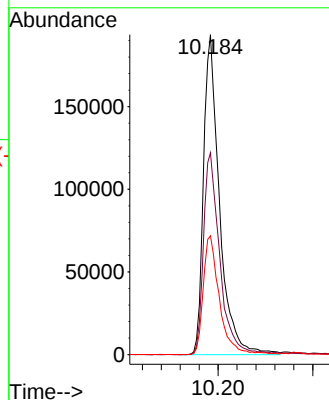
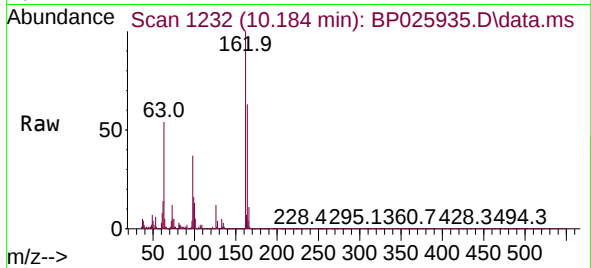
Tgt Ion:162 Resp: 453294

Ion Ratio Lower Upper

162 100

164 63.1 44.7 84.7

98 37.1 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 45.144 ng

RT: 10.366 min Scan# 1263

Delta R.T. -0.024 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

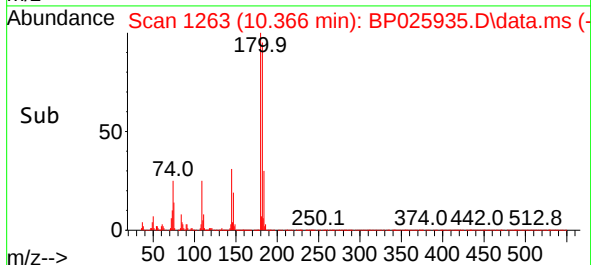
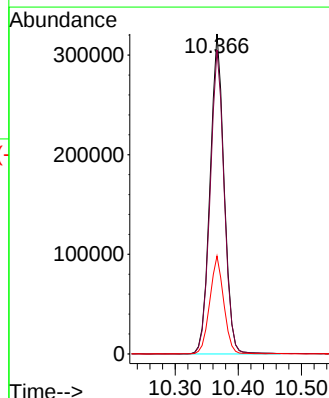
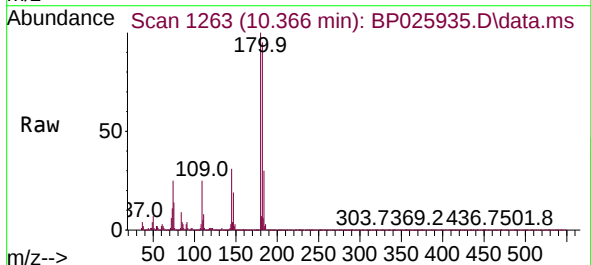
Tgt Ion:180 Resp: 495995

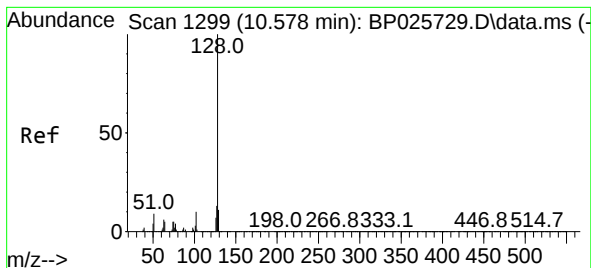
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 30.6 24.7 37.1

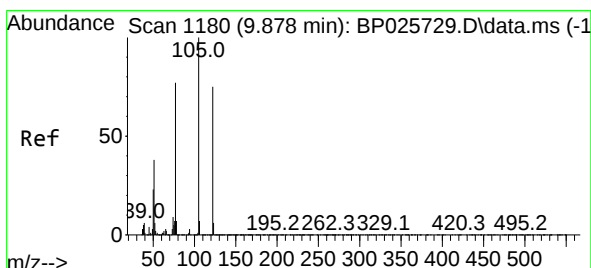
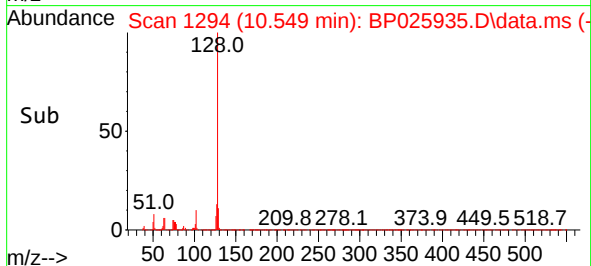
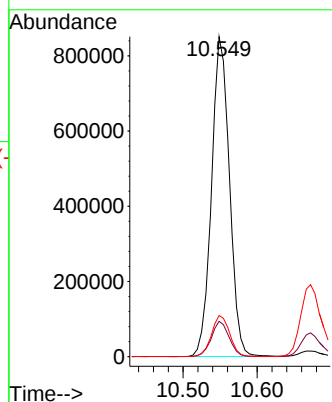
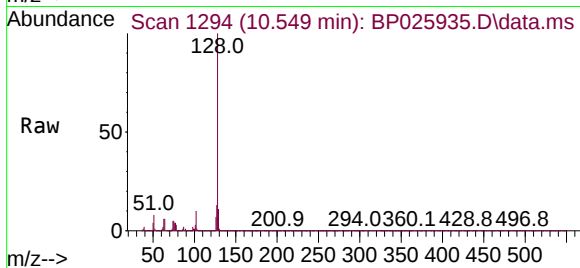




#31
Naphthalene
Concen: 43.029 ng
RT: 10.549 min Scan# 1183
Delta R.T. -0.029 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

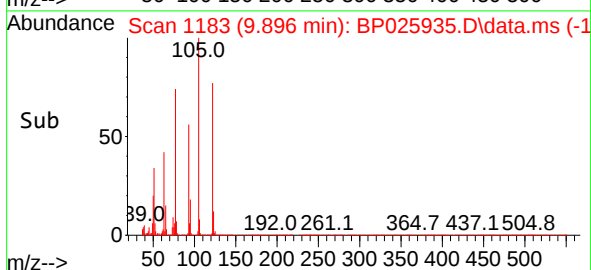
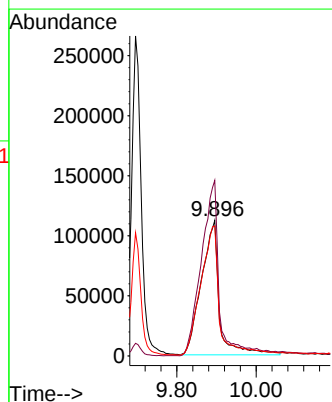
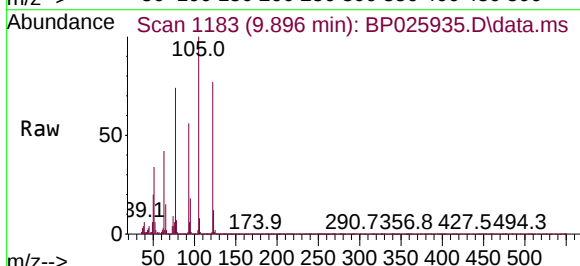
Instrument :
BNA_P
ClientSampleId :
72-11966MS

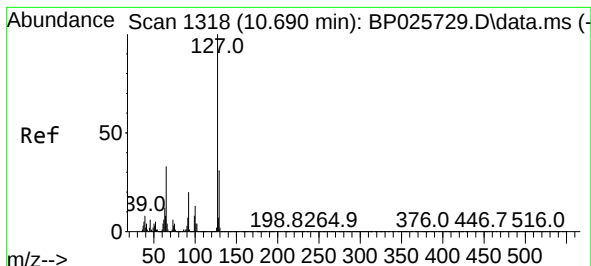
Tgt Ion:128 Resp: 1432115
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 48.626 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:122 Resp: 353486
Ion Ratio Lower Upper
122 100
105 129.6 111.5 151.5
77 96.0 81.8 121.8





#33

4-Chloroaniline

Concen: 28.454 ng

RT: 10.672 min Scan# 1318

Delta R.T. -0.018 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

Tgt Ion:127 Resp: 394719

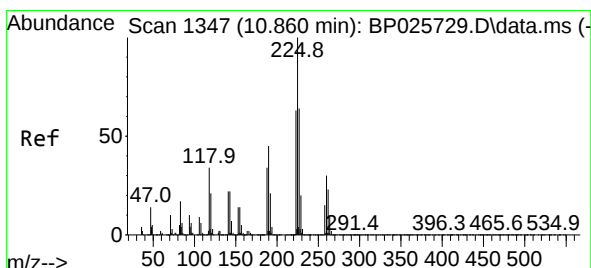
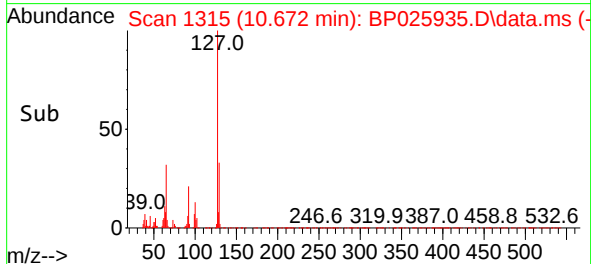
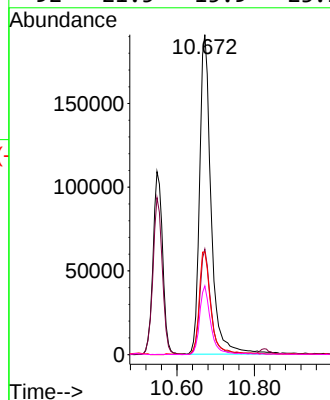
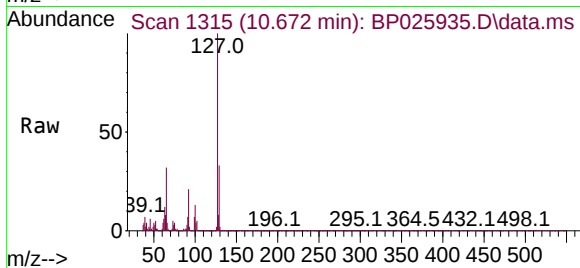
Ion Ratio Lower Upper

127 100

129 33.0 25.1 37.7

65 32.1 26.4 39.6

92 21.5 15.9 23.9



#34

Hexachlorobutadiene

Concen: 45.892 ng

RT: 10.825 min Scan# 1341

Delta R.T. -0.035 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

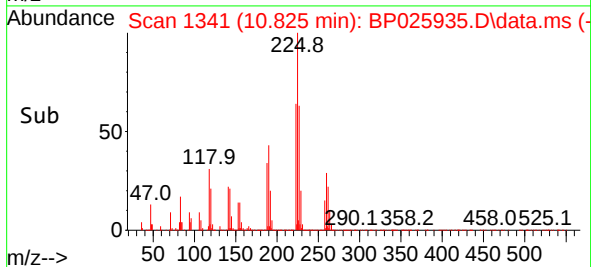
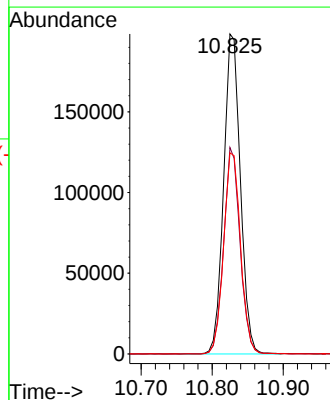
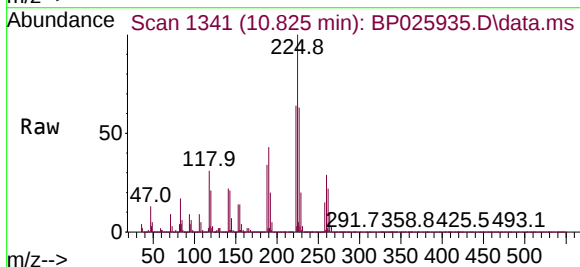
Tgt Ion:225 Resp: 324582

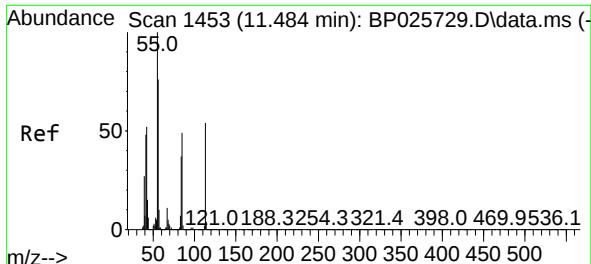
Ion Ratio Lower Upper

225 100

223 64.5 50.1 75.1

227 62.8 51.2 76.8

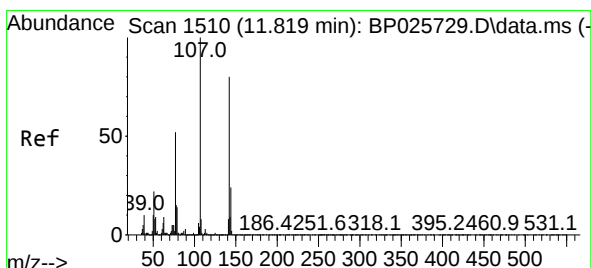
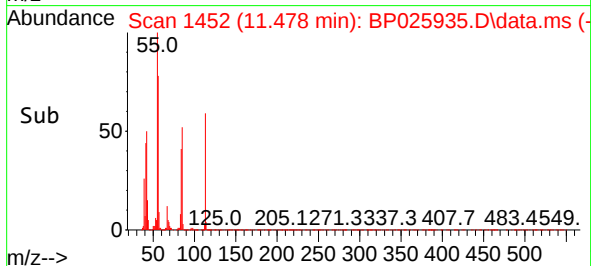
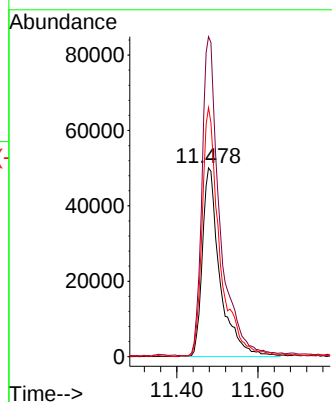
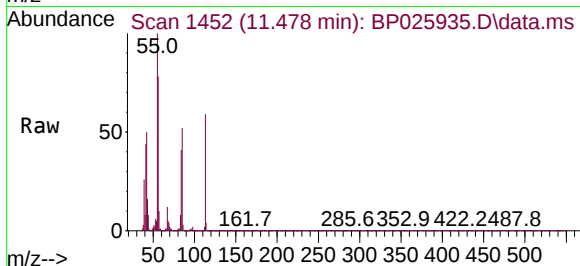




#35
Caprolactam
Concen: 40.208 ng
RT: 11.478 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

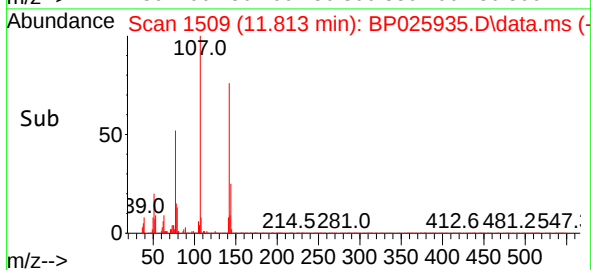
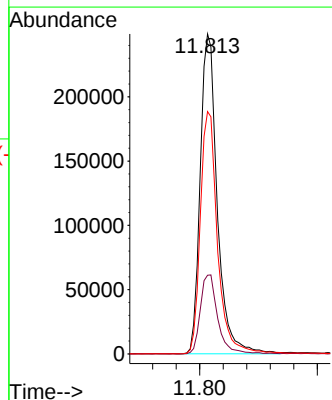
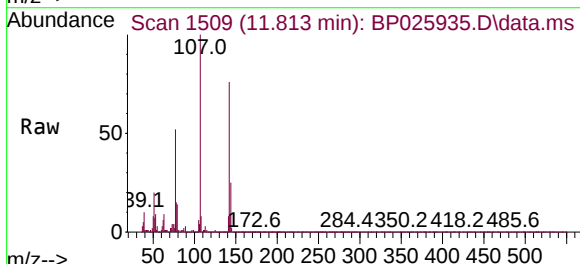
Instrument :
BNA_P
ClientSampleId :
72-11966MS

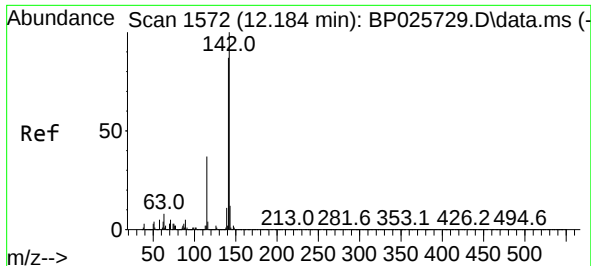
Tgt Ion:113 Resp: 151103
Ion Ratio Lower Upper
113 100
55 169.6 165.5 205.5
56 132.0 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 43.162 ng
RT: 11.813 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:107 Resp: 501660
Ion Ratio Lower Upper
107 100
144 24.6 19.4 29.2
142 75.7 63.8 95.6

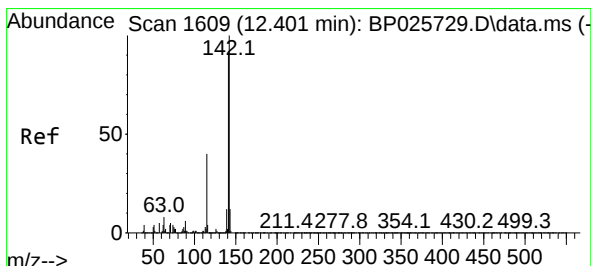
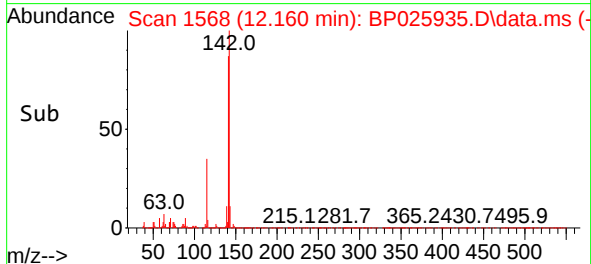
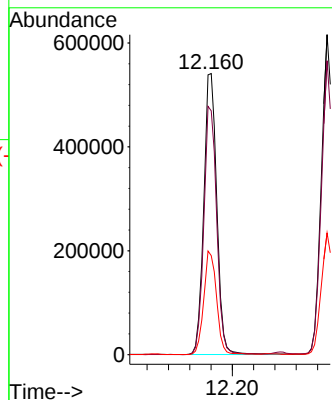
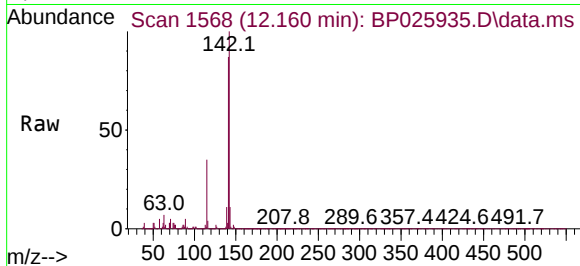




#37
2-Methylnaphthalene
Concen: 42.773 ng
RT: 12.160 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

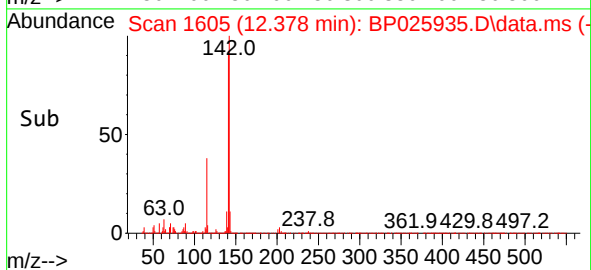
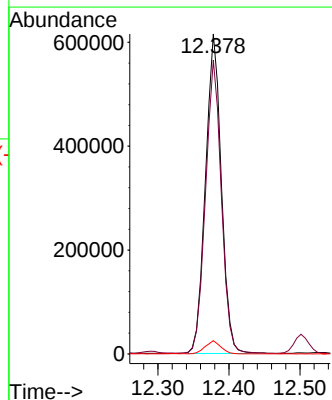
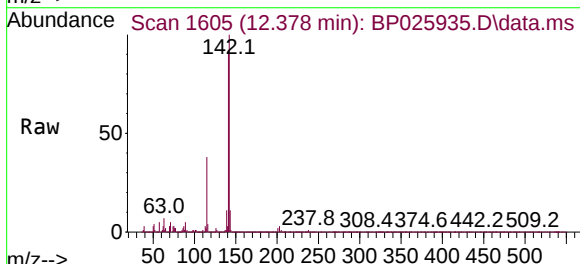
Instrument :
BNA_P
ClientSampleId :
72-11966MS

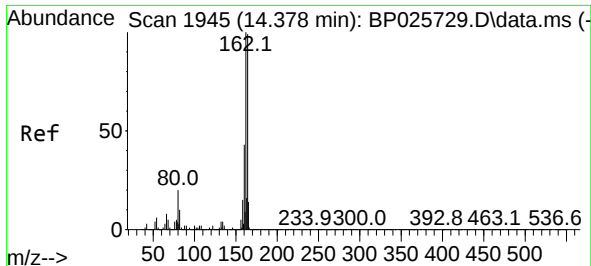
Tgt Ion:142 Resp: 914345
Ion Ratio Lower Upper
142 100
141 86.7 69.6 104.4
115 35.2 30.0 45.0



#38
1-Methylnaphthalene
Concen: 41.740 ng
RT: 12.378 min Scan# 1605
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:142 Resp: 951494
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1
116 4.1 3.5 5.3

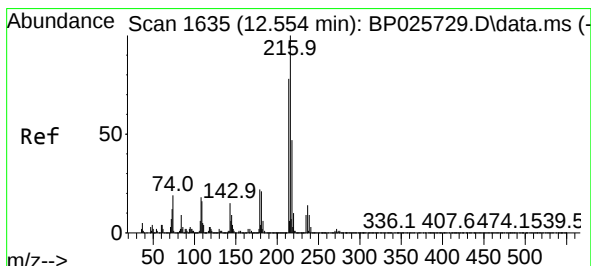
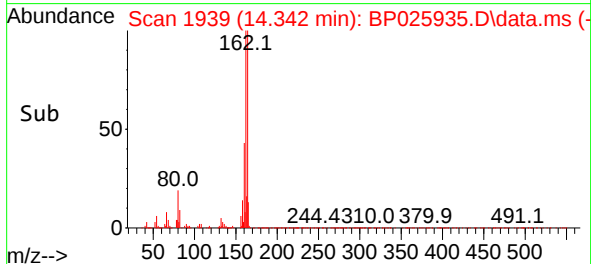
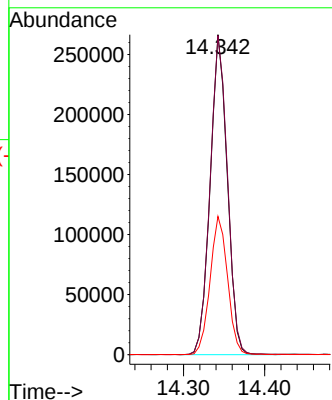
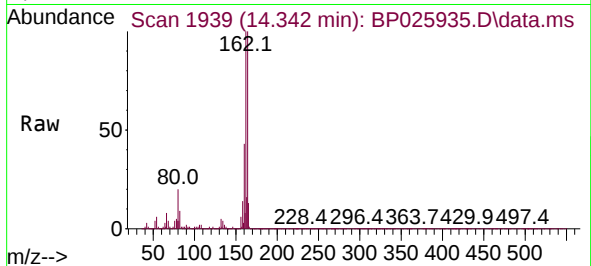




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.342 min Scan# 1945
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

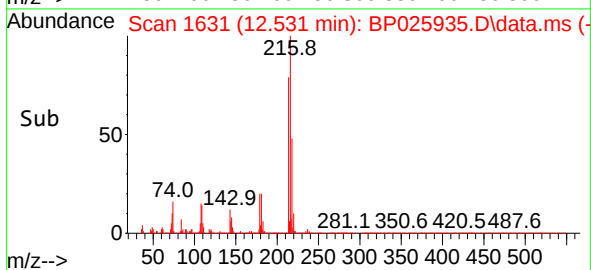
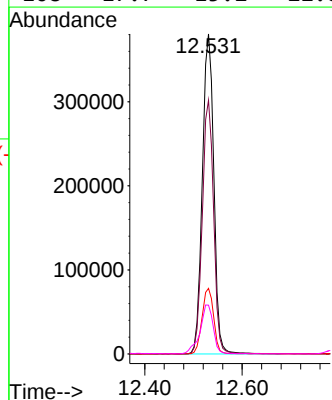
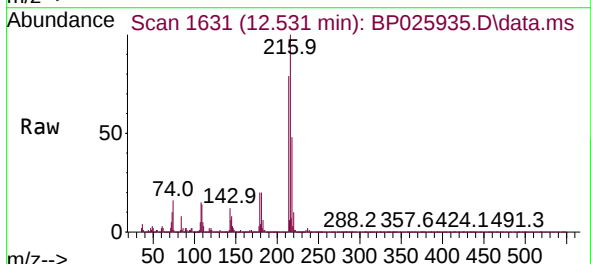
Instrument :
BNA_P
ClientSampleId :
72-11966MS

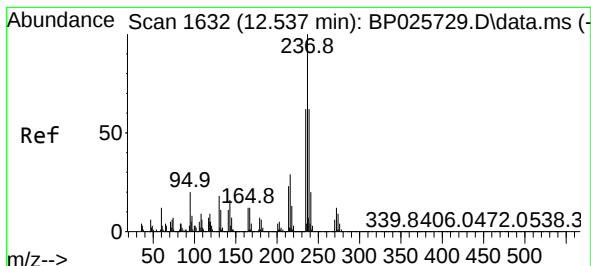
Tgt Ion:164 Resp: 391056
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 43.2 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.371 ng
RT: 12.531 min Scan# 1631
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:216 Resp: 620603
Ion Ratio Lower Upper
216 100
214 78.5 62.4 93.6
179 20.8 17.0 25.6
108 17.7 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 73.298 ng

RT: 12.501 min Scan# 1

Delta R.T. -0.035 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

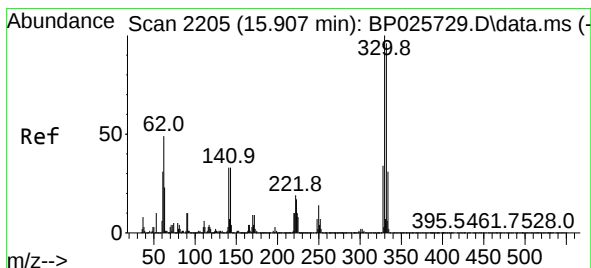
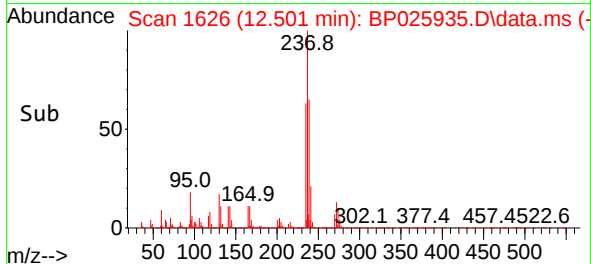
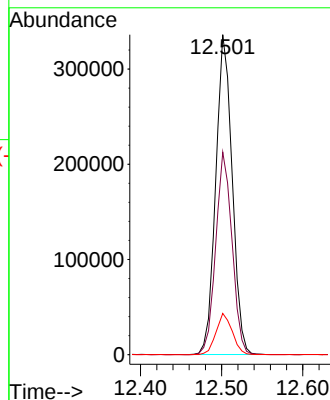
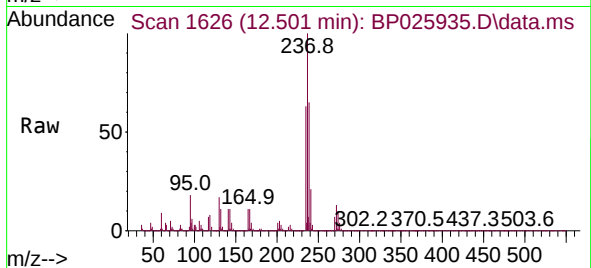
Tgt Ion:237 Resp: 473063

Ion Ratio Lower Upper

237 100

235 63.3 41.9 81.9

272 12.9 0.0 31.8



#42

2,4,6-Tribromophenol

Concen: 64.813 ng

RT: 15.866 min Scan# 2198

Delta R.T. -0.041 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

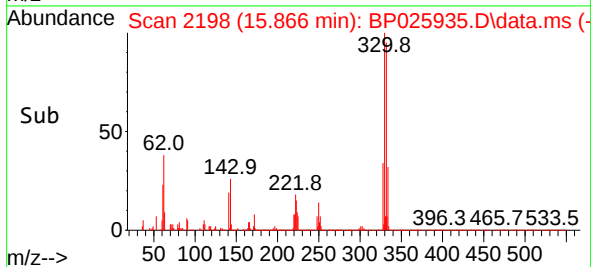
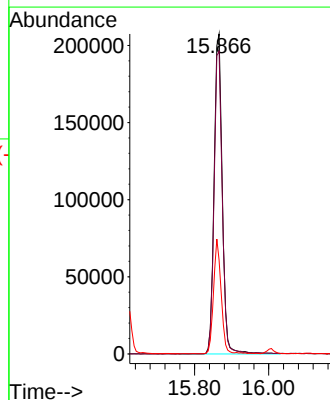
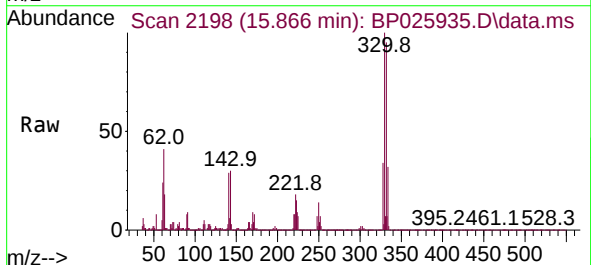
Tgt Ion:330 Resp: 316137

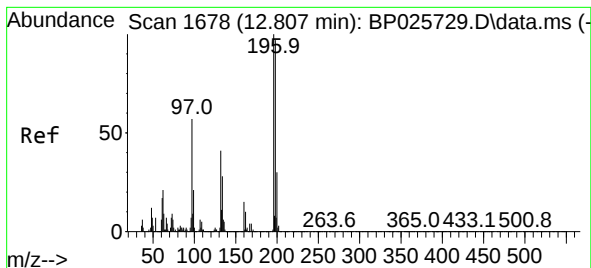
Ion Ratio Lower Upper

330 100

332 94.6 76.9 115.3

141 33.2 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 47.696 ng

RT: 12.784 min Scan# 1678

Delta R.T. -0.024 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

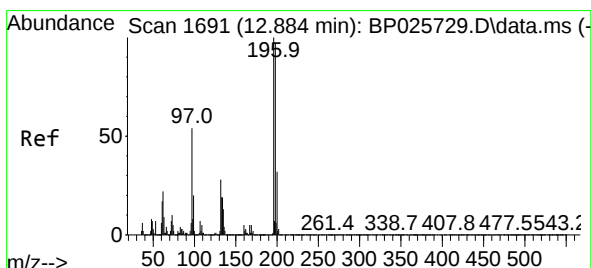
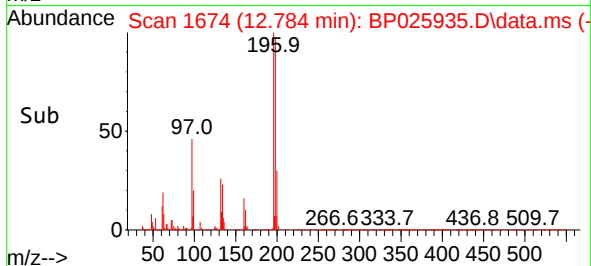
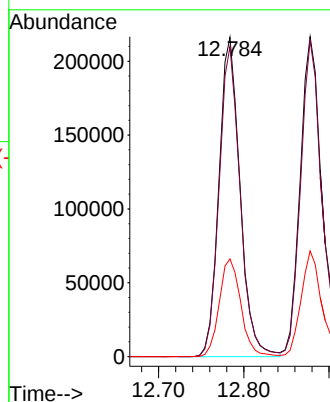
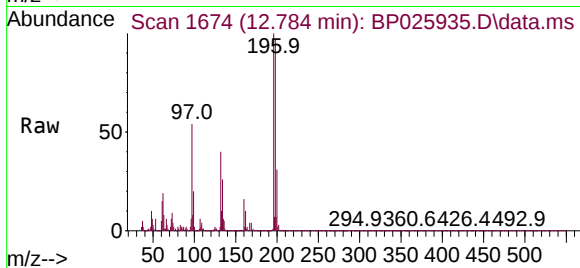
Tgt Ion:196 Resp: 371562

Ion Ratio Lower Upper

196 100

198 97.1 77.2 115.8

200 30.6 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 46.083 ng

RT: 12.878 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Tgt Ion:196 Resp: 399539

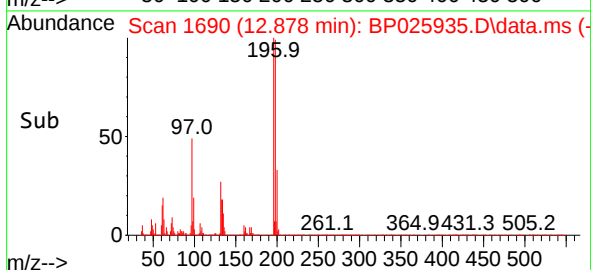
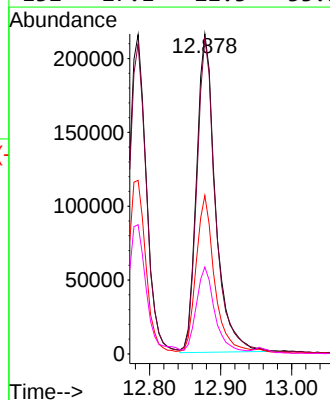
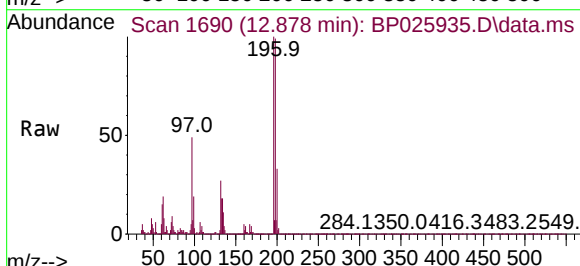
Ion Ratio Lower Upper

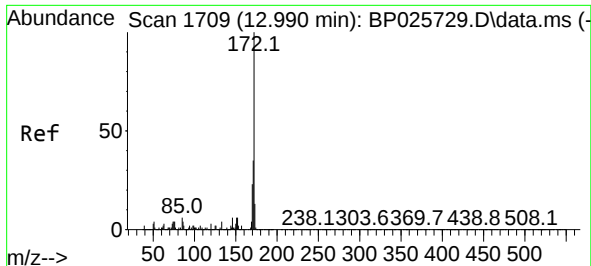
196 100

198 98.8 77.8 116.8

97 49.5 43.3 64.9

132 27.1 22.3 33.5

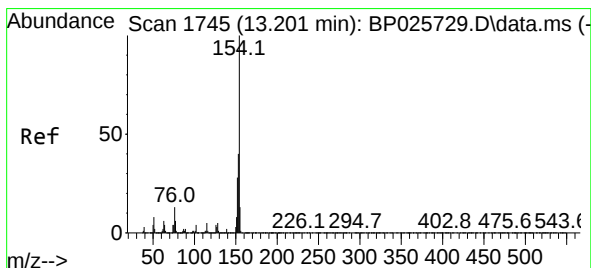
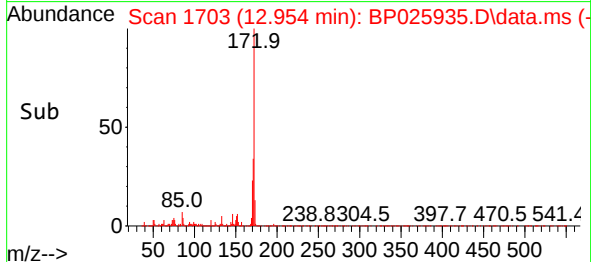
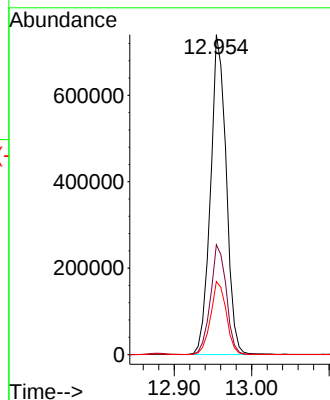
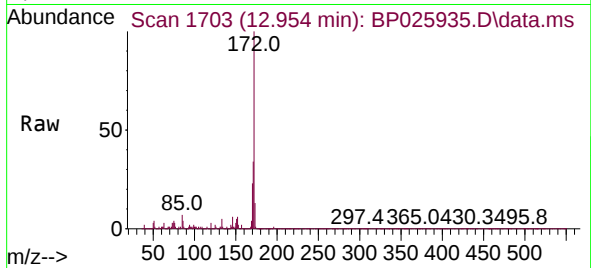




#45
2-Fluorobiphenyl
Concen: 35.481 ng
RT: 12.954 min Scan# 1703
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

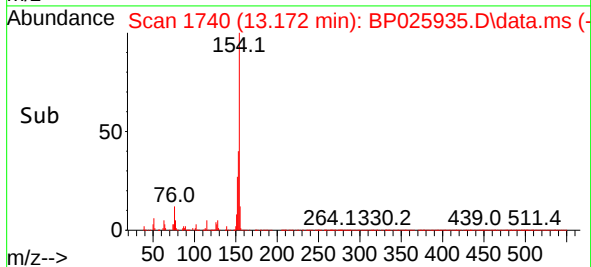
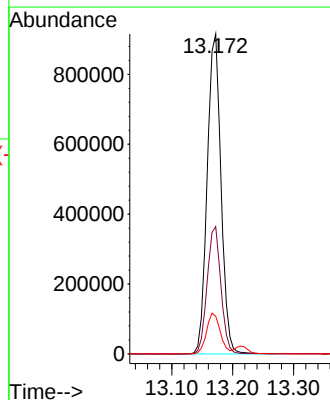
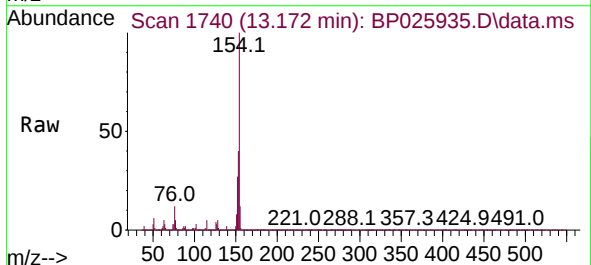
Instrument :
BNA_P
ClientSampleId :
72-11966MS

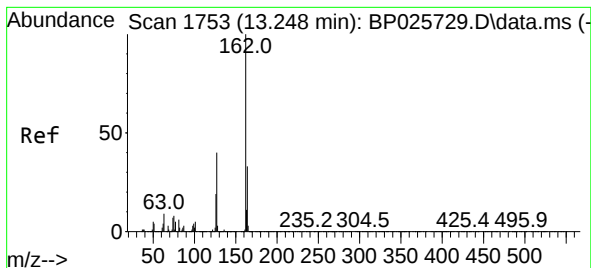
Tgt Ion:172 Resp: 1042058
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.8 18.6 27.8



#46
1,1'-Biphenyl
Concen: 50.133 ng
RT: 13.172 min Scan# 1740
Delta R.T. -0.029 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:154 Resp: 1438993
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 11.8 0.0 33.3

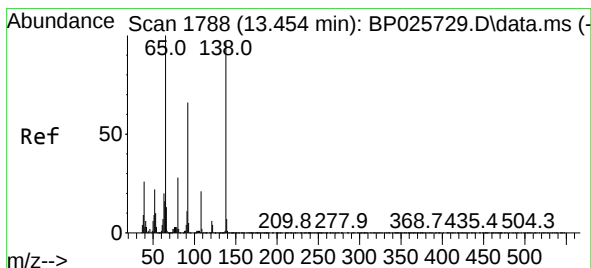
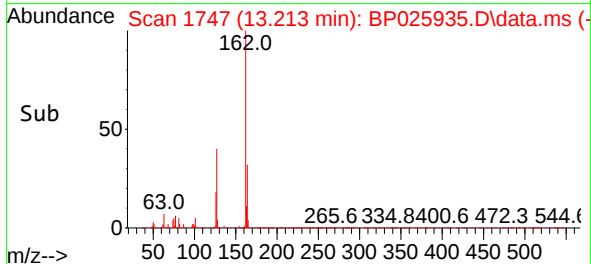
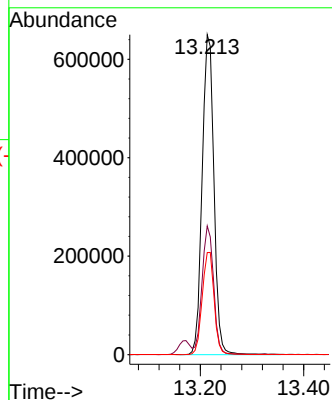
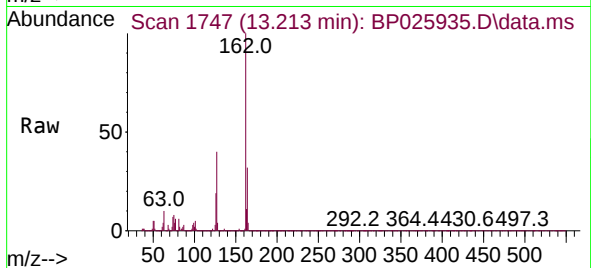




#47
2-Chloronaphthalene
Concen: 45.390 ng
RT: 13.213 min Scan# 1753
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

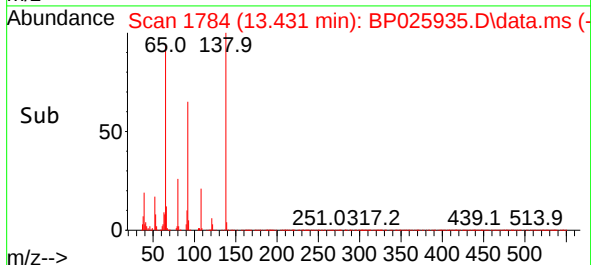
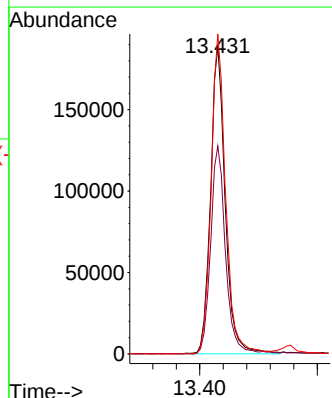
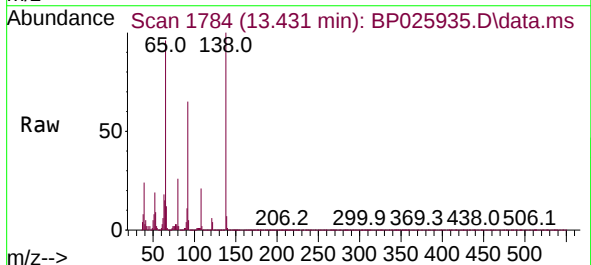
Instrument :
BNA_P
ClientSampleId :
72-11966MS

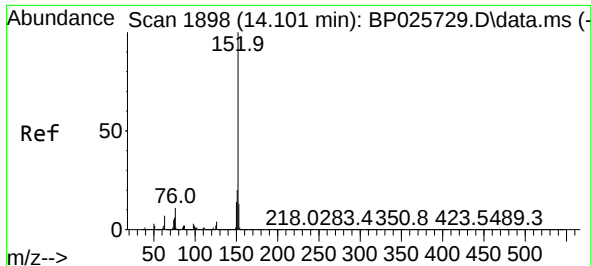
Tgt Ion:162 Resp: 1025863
Ion Ratio Lower Upper
162 100
127 40.2 32.2 48.4
164 31.9 26.5 39.7



#48
2-Nitroaniline
Concen: 43.309 ng
RT: 13.431 min Scan# 1784
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 65 Resp: 326293
Ion Ratio Lower Upper
65 100
92 67.5 53.1 79.7
138 104.0 77.8 116.8

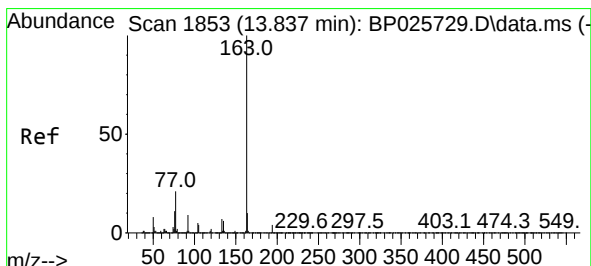
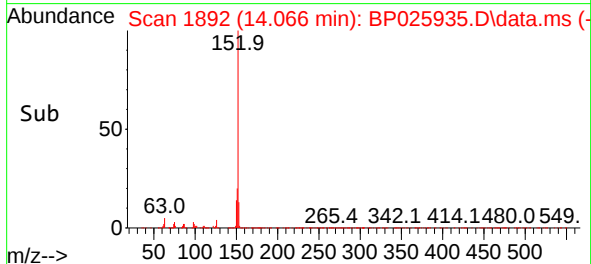
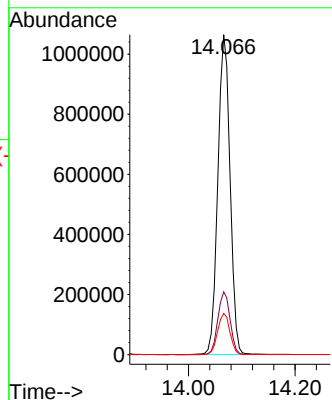
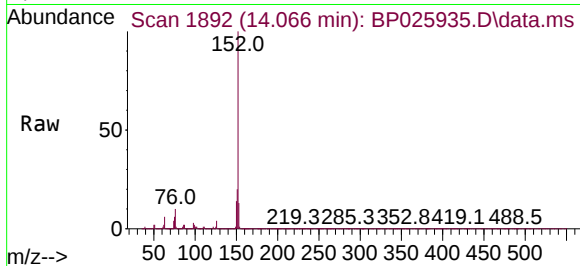




#49
Acenaphthylene
Concen: 45.202 ng
RT: 14.066 min Scan# 1892
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

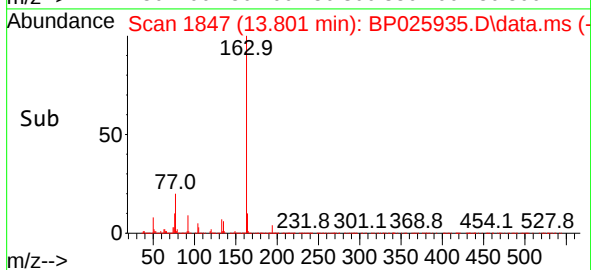
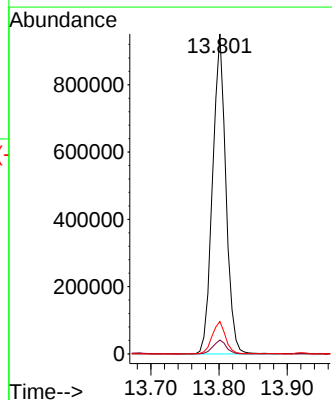
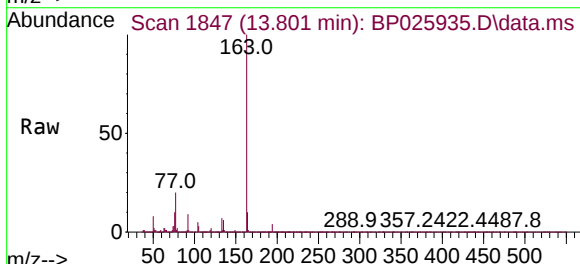
Instrument :
BNA_P
ClientSampleId :
72-11966MS

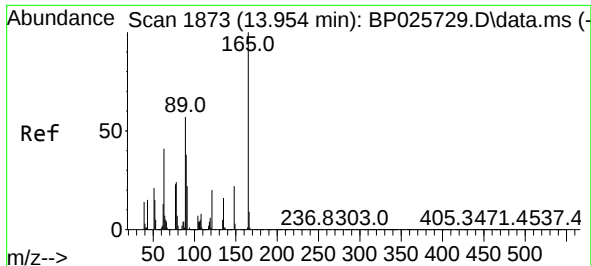
Tgt Ion:152 Resp: 1692703
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 42.965 ng
RT: 13.801 min Scan# 1847
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:163 Resp: 1282748
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.2 12.2

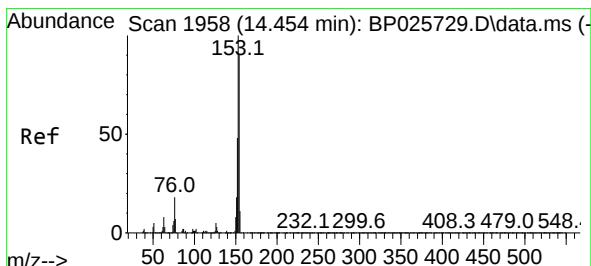
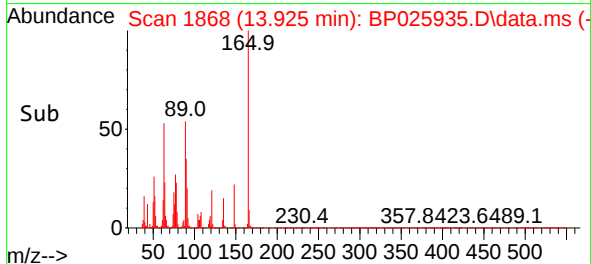
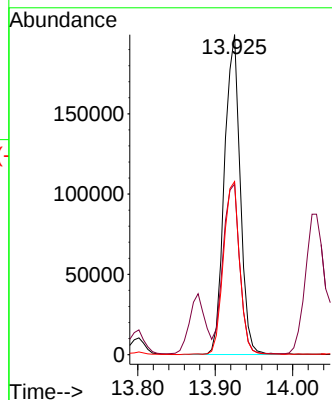
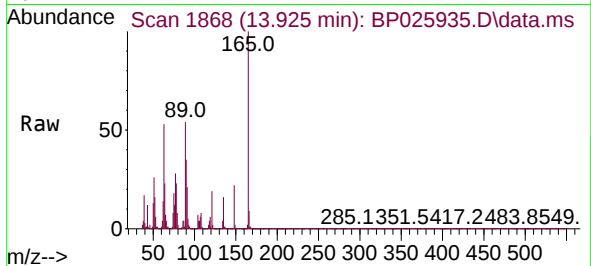




#51
2,6-Dinitrotoluene
Concen: 44.686 ng
RT: 13.925 min Scan# 1873
Delta R.T. -0.029 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

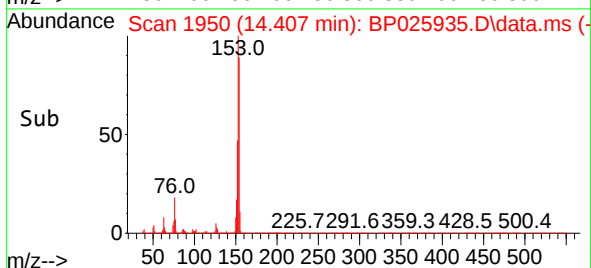
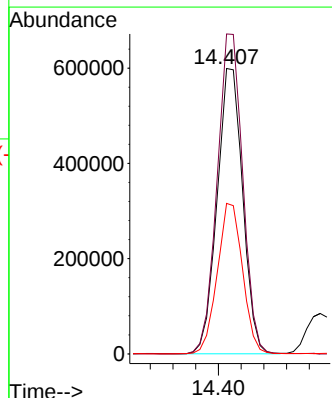
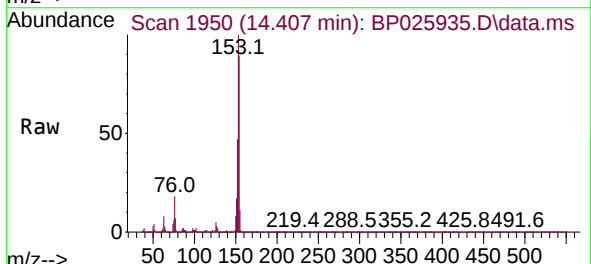
Instrument :
BNA_P
ClientSampleId :
72-11966MS

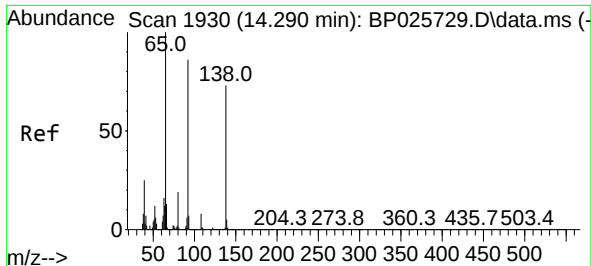
Tgt Ion:165 Resp: 282660
Ion Ratio Lower Upper
165 100
63 53.3 48.1 72.1
89 54.1 45.4 68.0



#52
Acenaphthene
Concen: 43.446 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.047 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:154 Resp: 938250
Ion Ratio Lower Upper
154 100
153 112.2 89.4 134.0
152 52.8 42.5 63.7

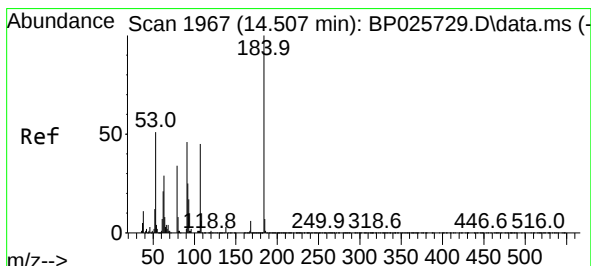
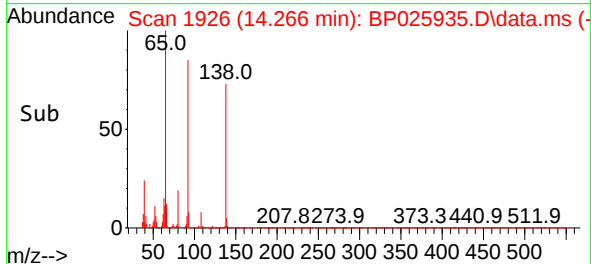
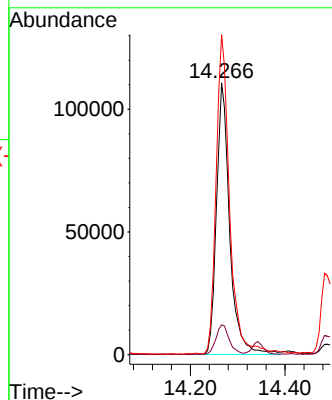
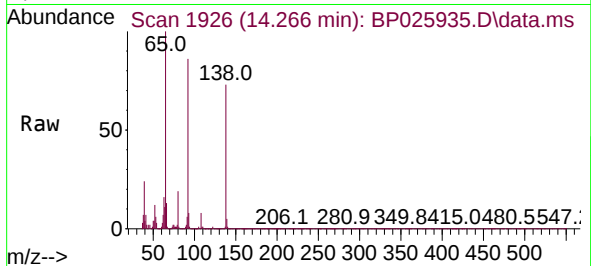




#53
3-Nitroaniline
Concen: 32.211 ng
RT: 14.266 min Scan# 1930
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

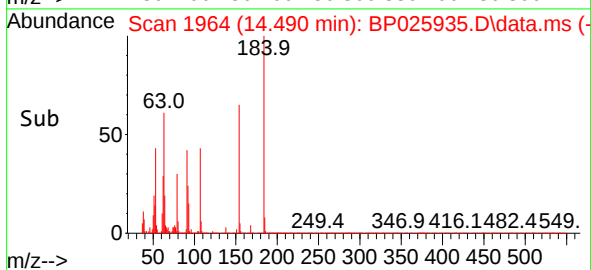
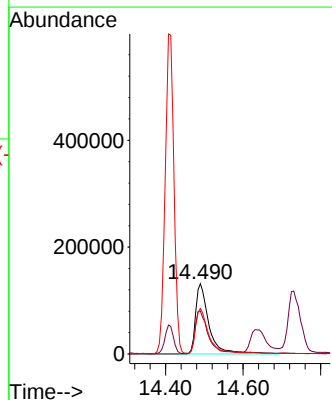
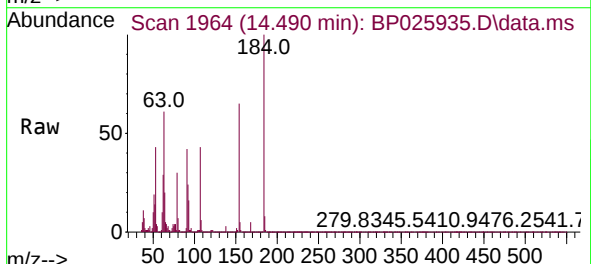
Instrument :
BNA_P
ClientSampleId :
72-11966MS

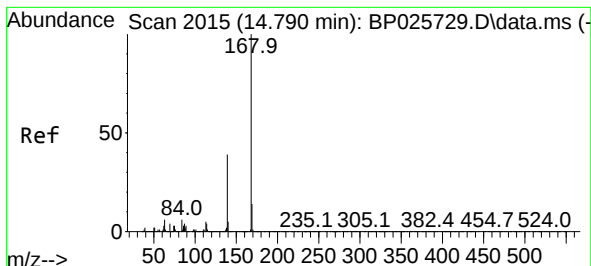
Tgt Ion:138 Resp: 214260
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 117.8 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 76.360 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:184 Resp: 313082
Ion Ratio Lower Upper
184 100
63 61.3 52.5 78.7
154 64.7 51.5 77.3

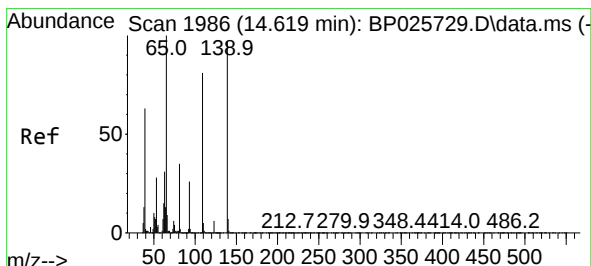
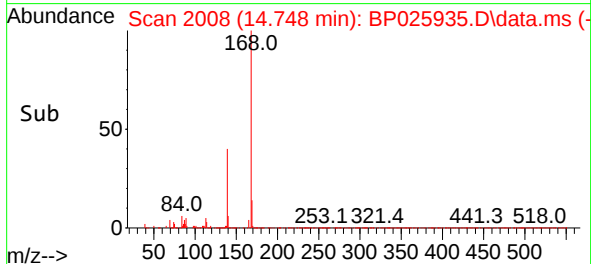
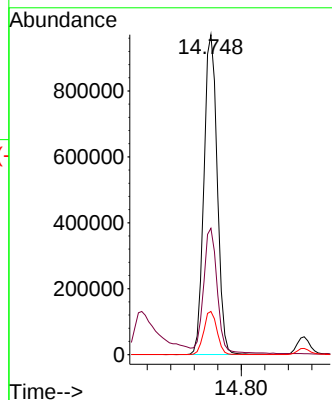
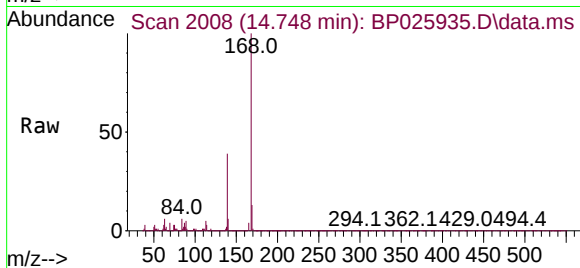




#55
Dibenzofuran
Concen: 43.289 ng
RT: 14.748 min Scan# 2015
Delta R.T. -0.041 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

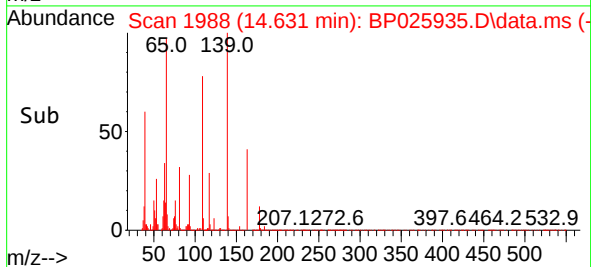
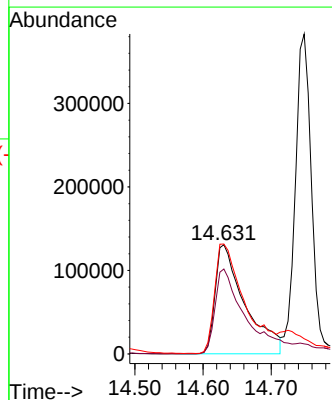
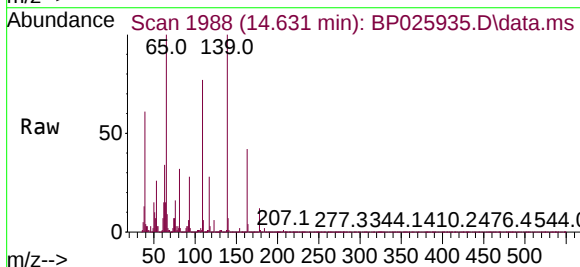
Instrument :
BNA_P
ClientSampleId :
72-11966MS

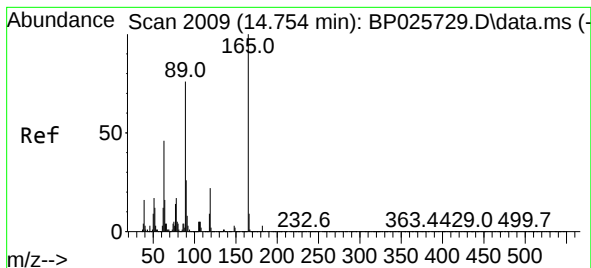
Tgt Ion:168 Resp: 1523653
Ion Ratio Lower Upper
168 100
139 39.5 31.7 47.5
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 69.675 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:139 Resp: 395605
Ion Ratio Lower Upper
139 100
109 77.7 62.9 102.9
65 100.5 83.4 123.4

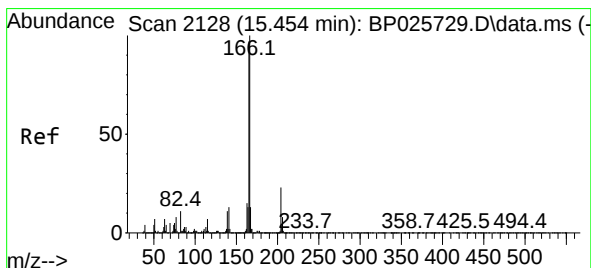
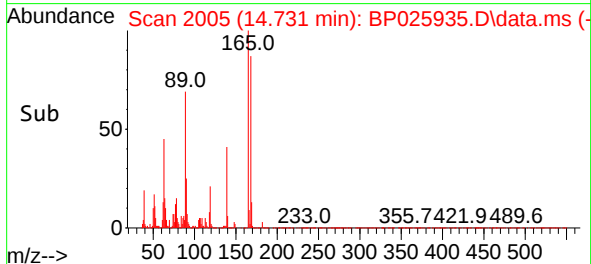
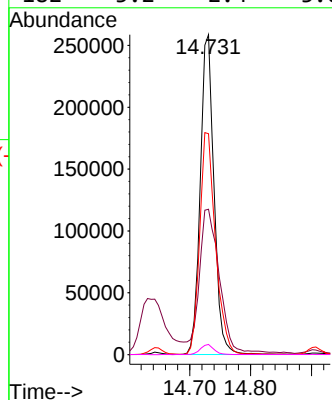
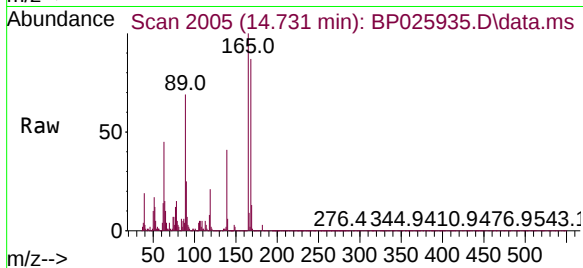




#57
2,4-Dinitrotoluene
Concen: 44.965 ng
RT: 14.731 min Scan# 2005
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

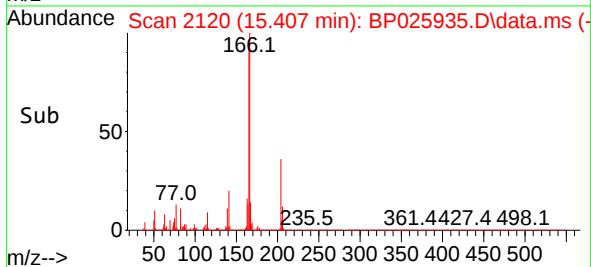
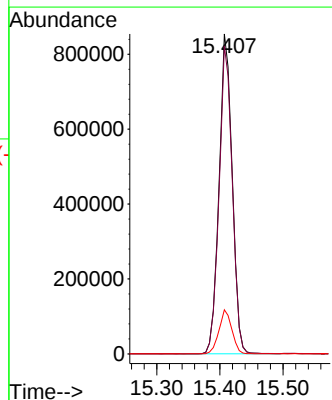
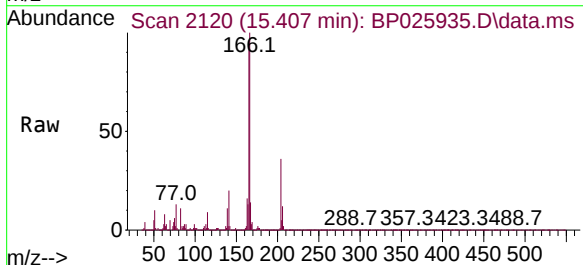
Instrument :
BNA_P
ClientSampleId :
72-11966MS

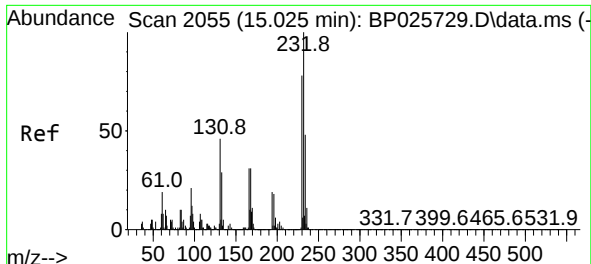
Tgt Ion:165 Resp: 404772
Ion Ratio Lower Upper
165 100
63 45.4 37.7 56.5
89 69.0 61.0 91.6
182 3.2 2.4 3.6



#58
Fluorene
Concen: 44.167 ng
RT: 15.407 min Scan# 2120
Delta R.T. -0.047 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:166 Resp: 1236135
Ion Ratio Lower Upper
166 100
165 96.2 77.7 116.5
167 13.8 10.6 16.0

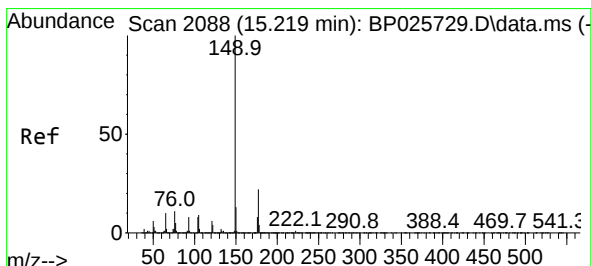
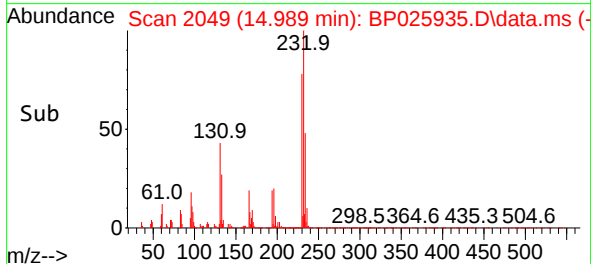
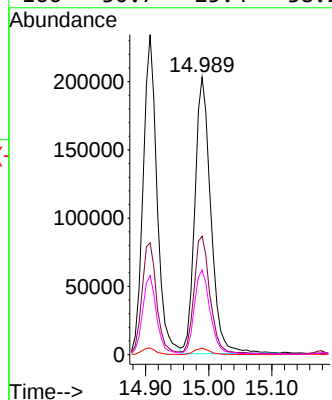
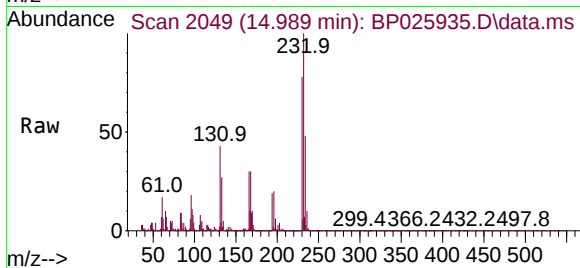




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.773 ng
RT: 14.989 min Scan# 2055
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

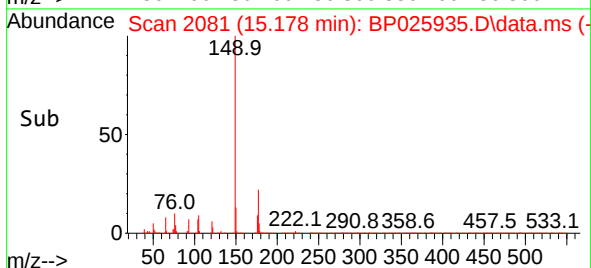
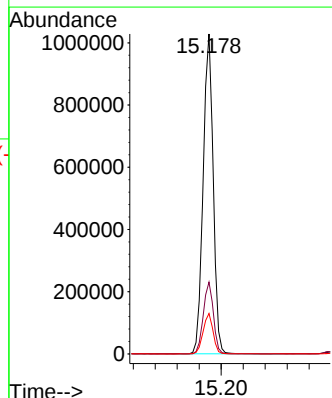
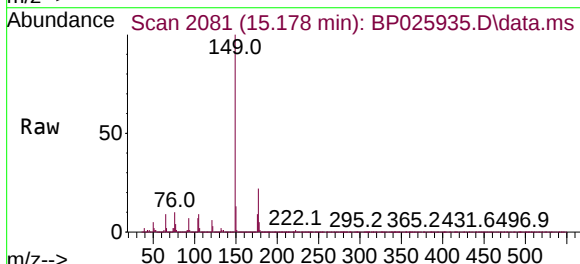
Instrument :
BNA_P
ClientSampleId :
72-11966MS

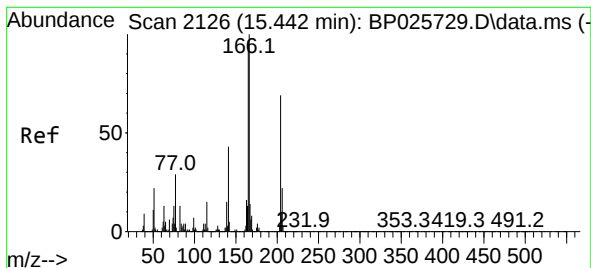
Tgt Ion:232 Resp: 357493
Ion Ratio Lower Upper
232 100
131 43.5 36.7 55.1
130 2.3 2.0 3.0
166 30.7 25.4 38.2



#60
Diethylphthalate
Concen: 42.979 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.041 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:149 Resp: 1301605
Ion Ratio Lower Upper
149 100
177 22.4 17.7 26.5
150 12.6 10.0 15.0

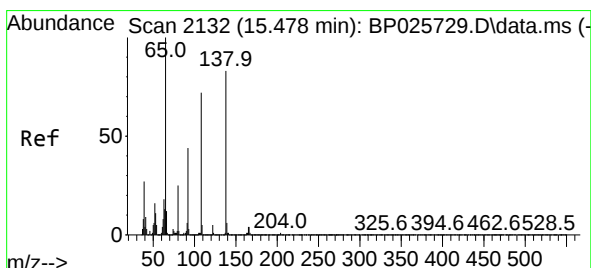
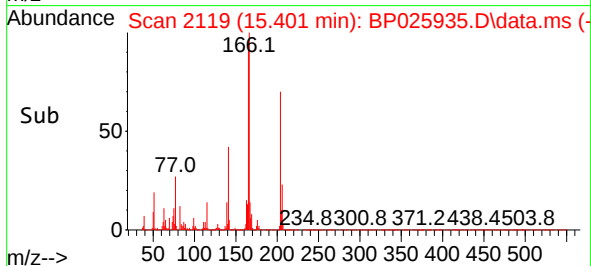
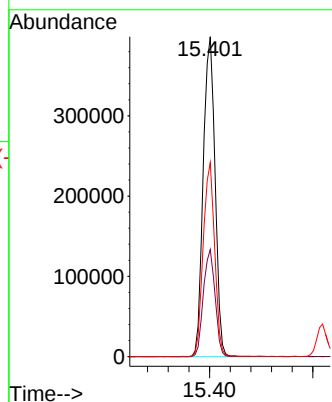
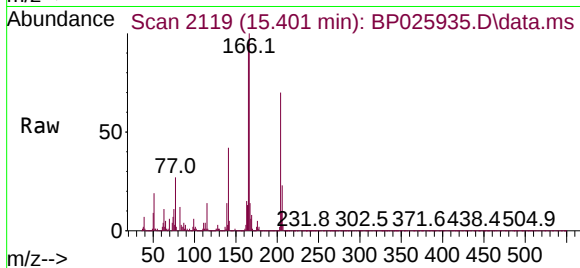




#61
4-Chlorophenyl-phenylether
Concen: 44.849 ng
RT: 15.401 min Scan# 2119
Delta R.T. -0.041 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

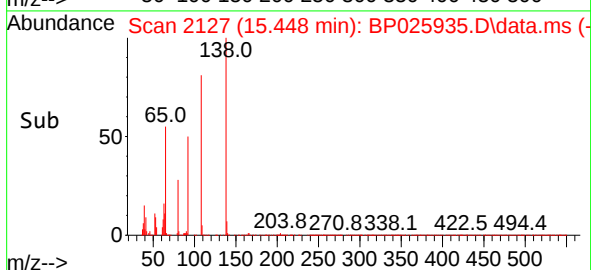
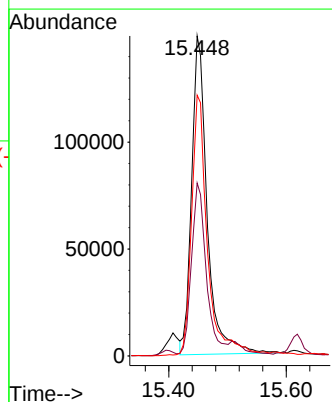
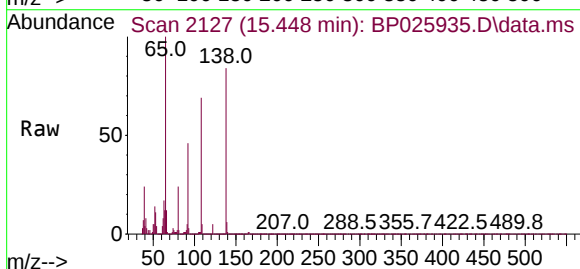
Instrument :
BNA_P
ClientSampleId :
72-11966MS

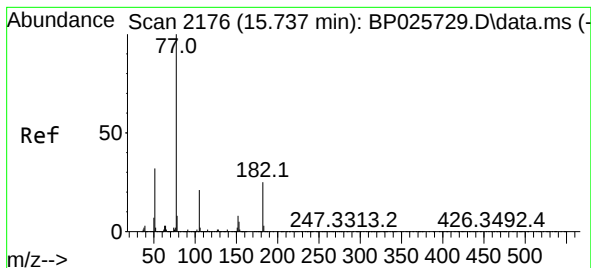
Tgt Ion:204 Resp: 632602
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 60.6 49.7 74.5



#62
4-Nitroaniline
Concen: 40.085 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.029 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:138 Resp: 273159
Ion Ratio Lower Upper
138 100
92 54.0 33.3 73.3
108 81.5 66.7 106.7





#63

Azobenzene

Concen: 44.937 ng

RT: 15.695 min Scan# 2176

Delta R.T. -0.041 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

Tgt Ion: 77 Resp: 1315884

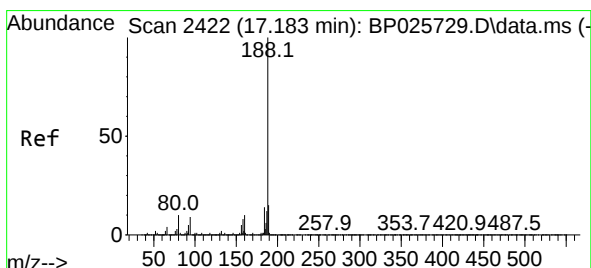
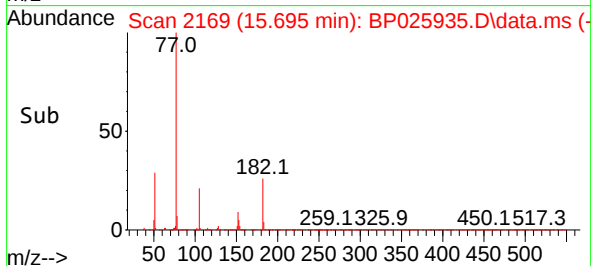
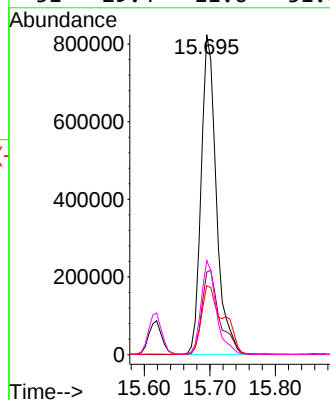
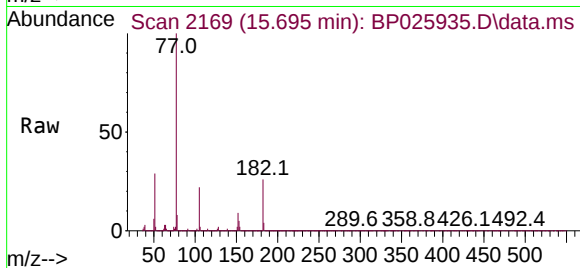
Ion Ratio Lower Upper

77 100

182 25.8 5.2 45.2

105 21.5 1.1 41.1

51 29.4 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.142 min Scan# 2415

Delta R.T. -0.041 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

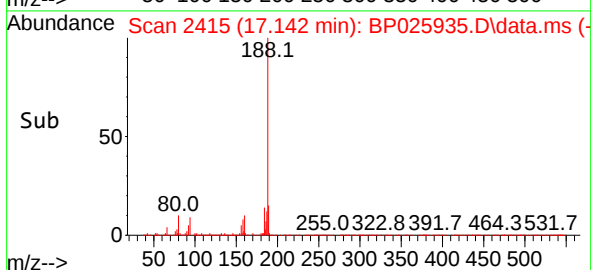
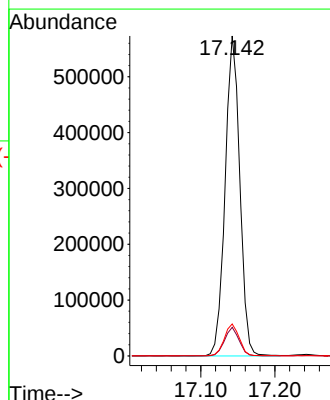
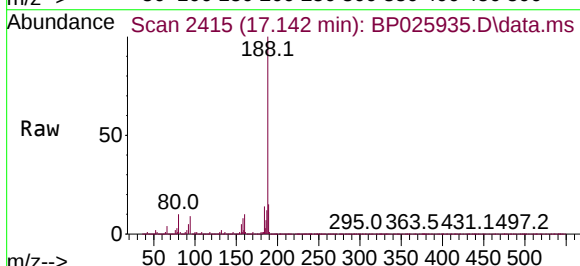
Tgt Ion:188 Resp: 786547

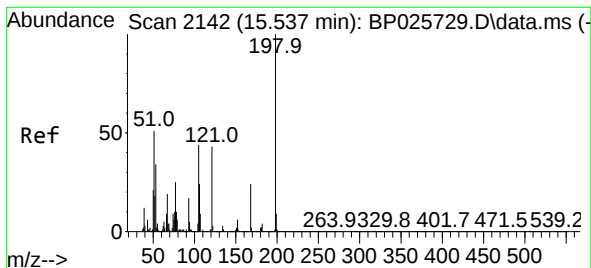
Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.0

80 10.0 7.7 11.5

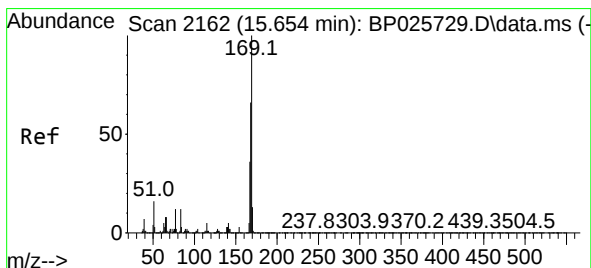
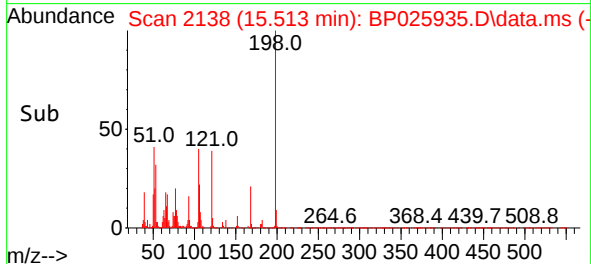
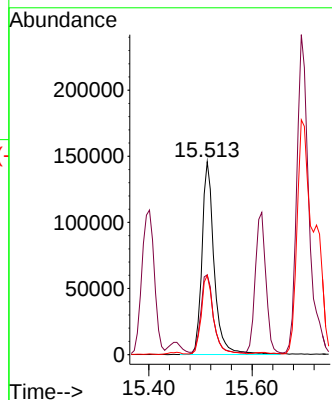
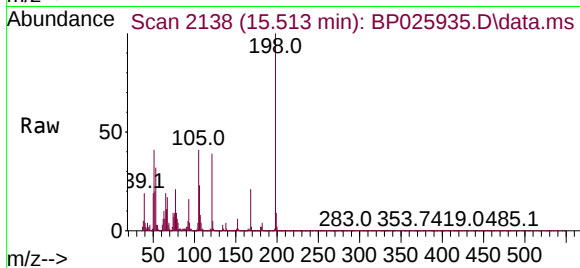




#65
4,6-Dinitro-2-methylphenol
Concen: 45.615 ng
RT: 15.513 min Scan# 2142
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

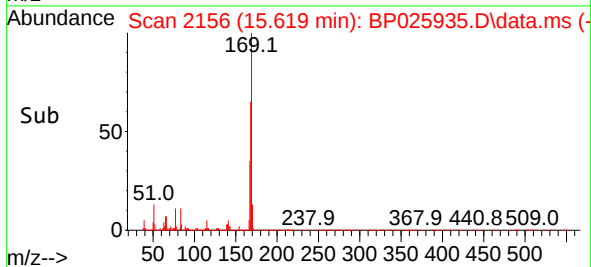
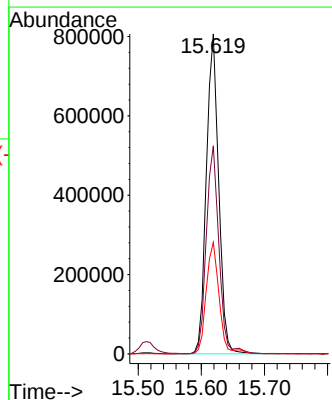
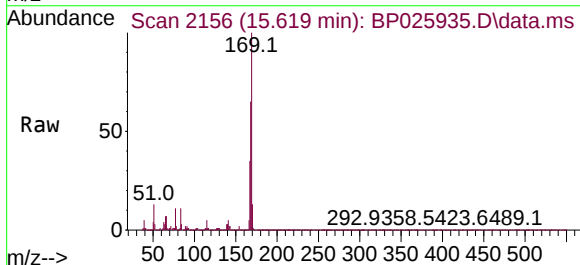
Instrument :
BNA_P
ClientSampleId :
72-11966MS

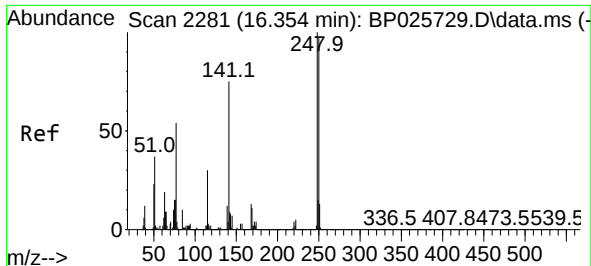
Tgt Ion:198 Resp: 238603
Ion Ratio Lower Upper
198 100
51 41.4 33.4 73.4
105 41.1 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 45.375 ng
RT: 15.619 min Scan# 2156
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:169 Resp: 1092191
Ion Ratio Lower Upper
169 100
168 65.1 52.6 78.8
167 34.8 28.5 42.7

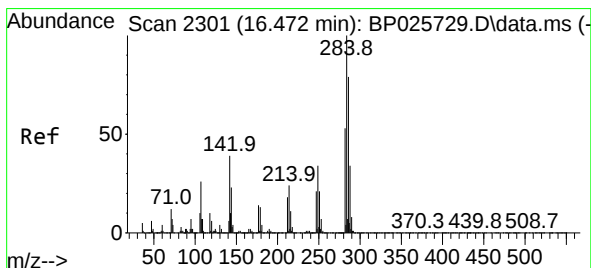
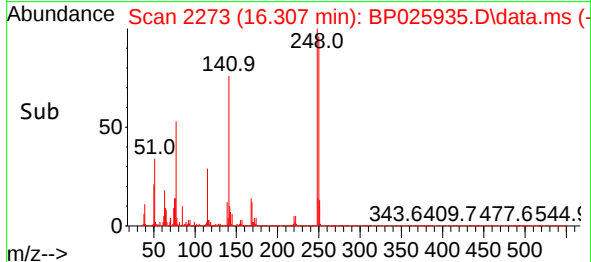
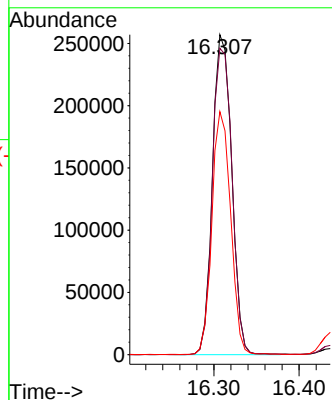
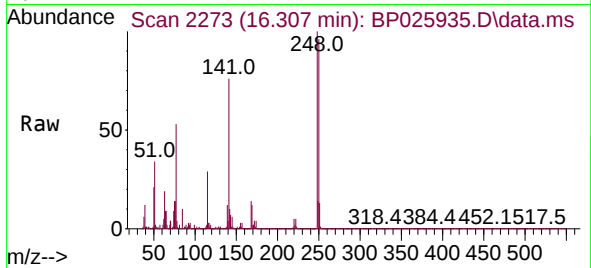




#67
4-Bromophenyl-phenylether
Concen: 46.550 ng
RT: 16.307 min Scan# 221
Delta R.T. -0.047 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

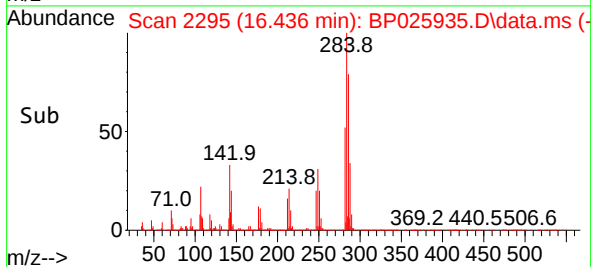
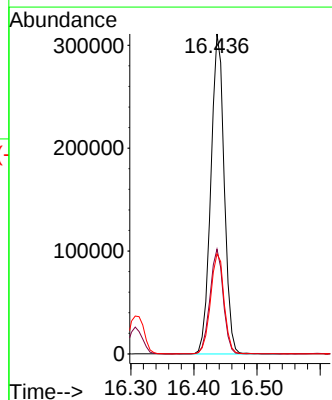
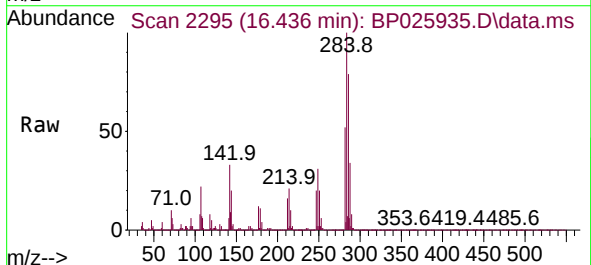
Instrument :
BNA_P
ClientSampleId :
72-11966MS

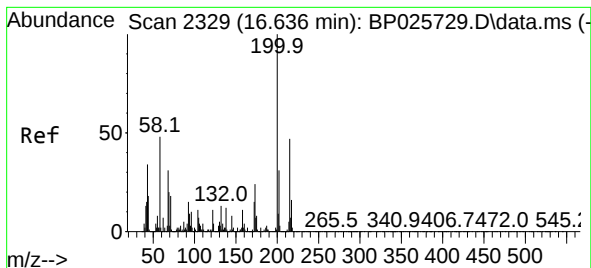
Tgt Ion:248 Resp: 402236
Ion Ratio Lower Upper
248 100
250 95.7 77.5 116.3
141 75.9 60.2 90.4



#68
Hexachlorobenzene
Concen: 47.468 ng
RT: 16.436 min Scan# 2295
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:284 Resp: 457405
Ion Ratio Lower Upper
284 100
142 32.7 31.3 46.9
249 31.3 27.3 40.9





#69

Atrazine

Concen: 45.962 ng

RT: 16.595 min Scan# 2322

Delta R.T. -0.041 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

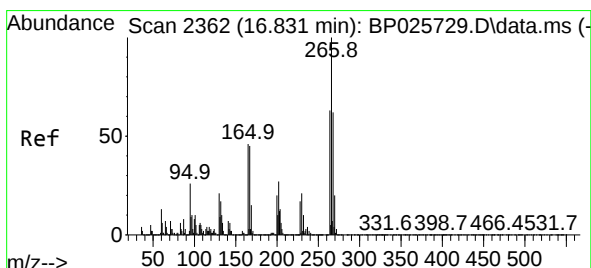
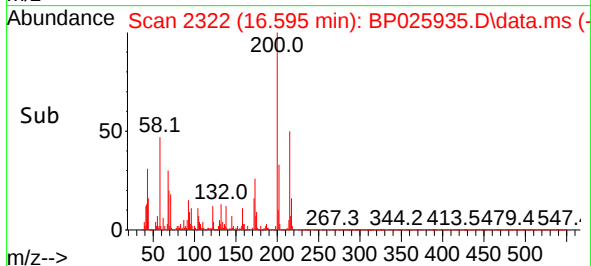
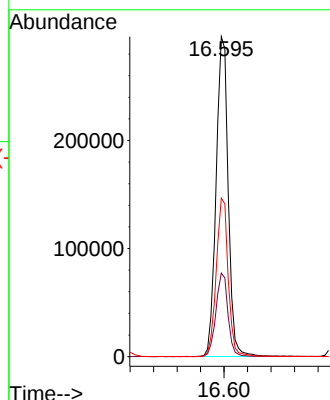
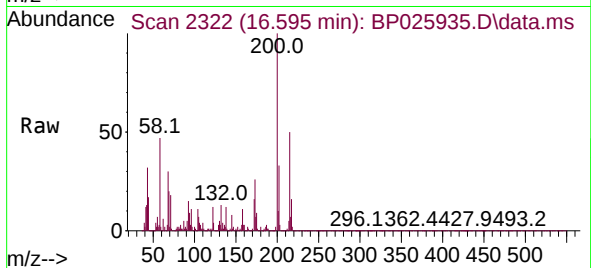
Tgt Ion:200 Resp: 422884

Ion Ratio Lower Upper

200 100

173 26.1 4.2 44.2

215 49.5 27.3 67.3



#70

Pentachlorophenol

Concen: 92.996 ng

RT: 16.801 min Scan# 2357

Delta R.T. -0.029 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

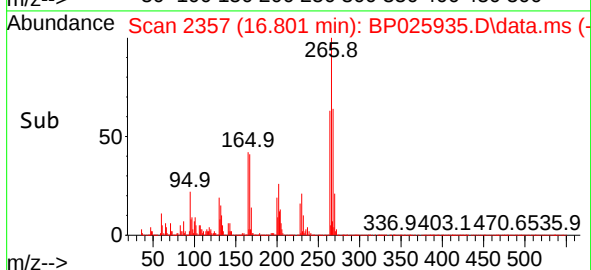
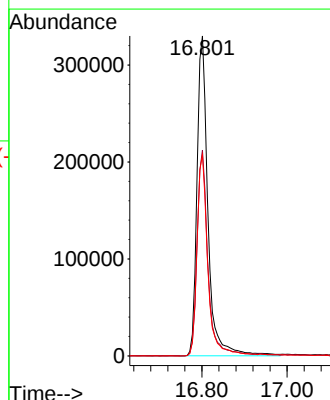
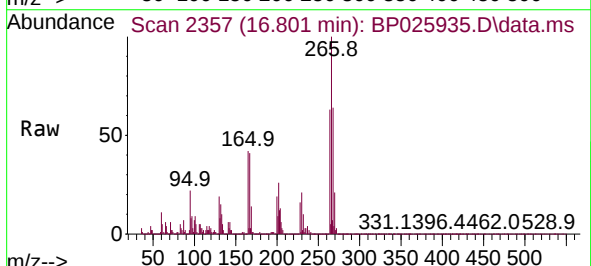
Tgt Ion:266 Resp: 591433

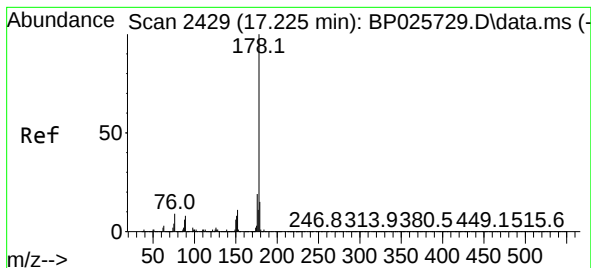
Ion Ratio Lower Upper

266 100

268 64.3 49.8 74.8

264 62.8 50.2 75.2





#71

Phenanthrene

Concen: 43.366 ng

RT: 17.183 min Scan# 24

Delta R.T. -0.041 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

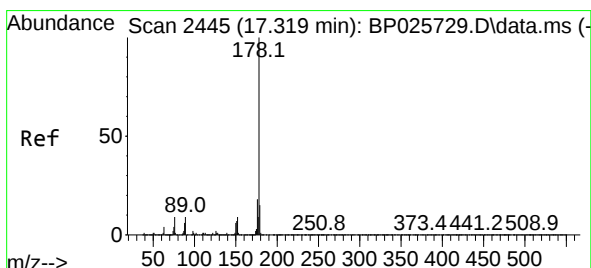
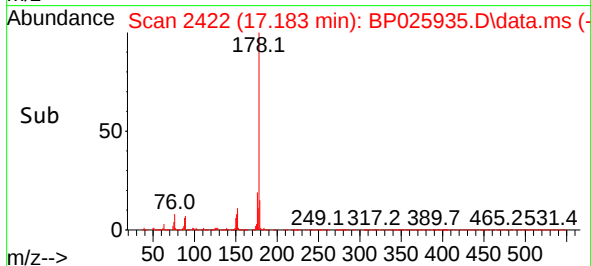
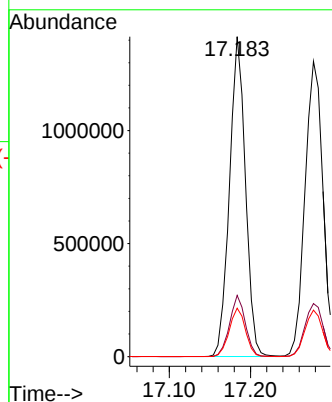
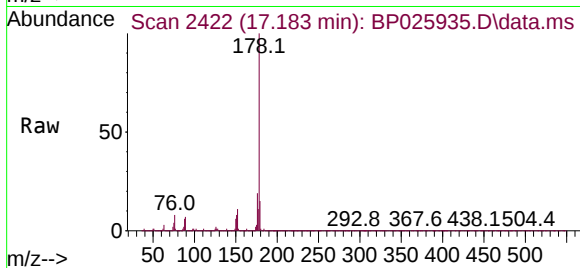
Tgt Ion:178 Resp: 1934871

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.1 12.2 18.4



#72

Anthracene

Concen: 44.246 ng

RT: 17.278 min Scan# 2438

Delta R.T. -0.041 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

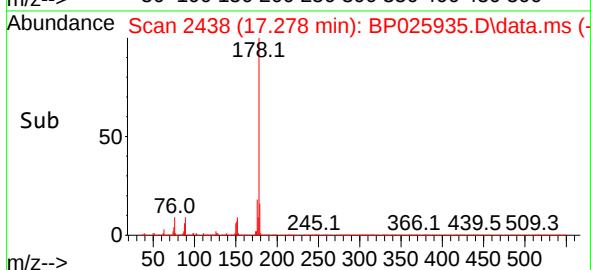
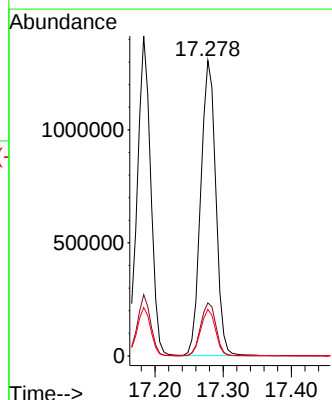
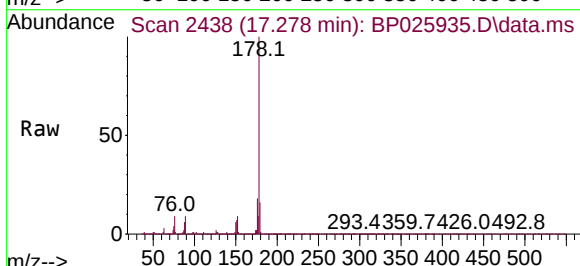
Tgt Ion:178 Resp: 2003014

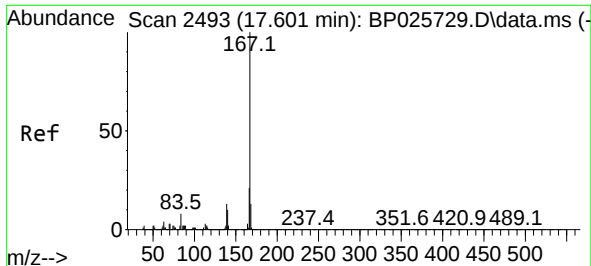
Ion Ratio Lower Upper

178 100

176 18.0 14.8 22.2

179 15.7 12.2 18.4

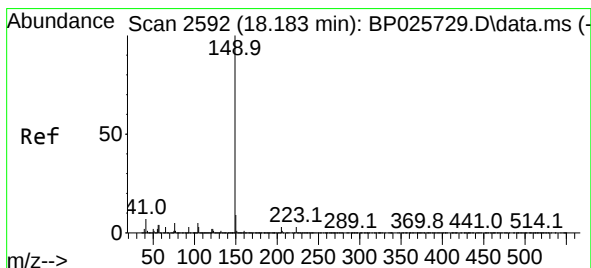
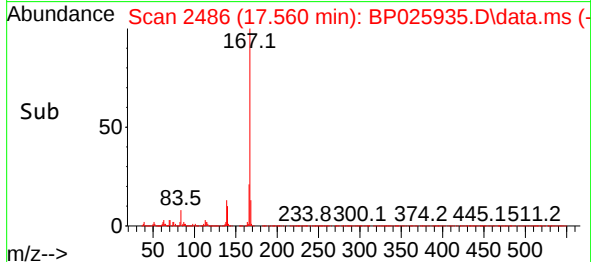
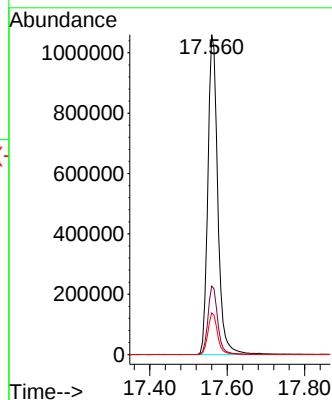
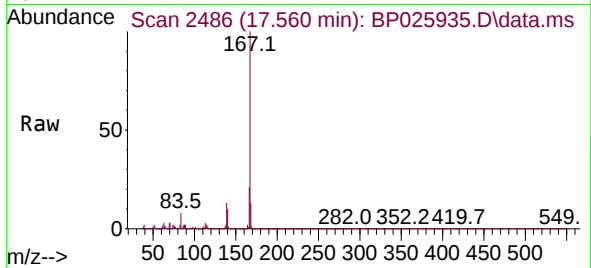




#73
 Carbazole
 Concen: 44.607 ng
 RT: 17.560 min Scan# 24
 Delta R.T. -0.041 min
 Lab File: BP025935.D
 Acq: 06 Oct 2025 23:10

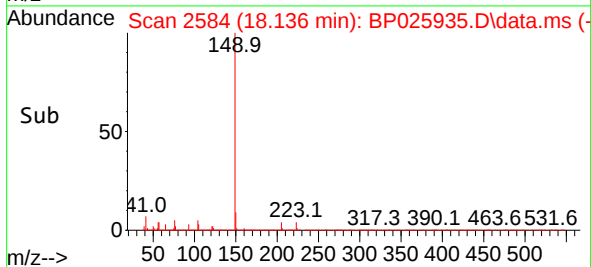
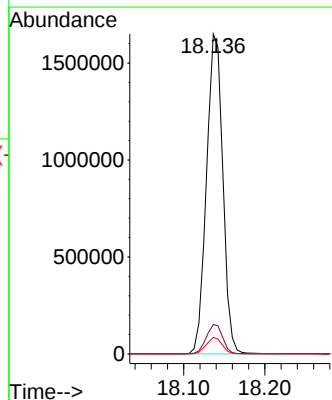
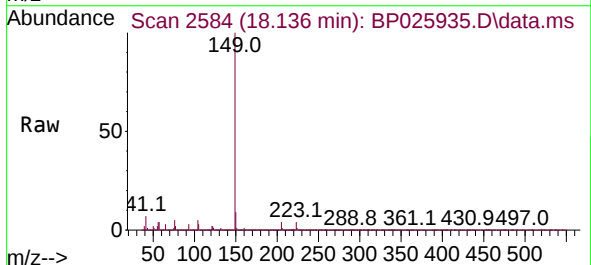
Instrument :
 BNA_P
 ClientSampleId :
 72-11966MS

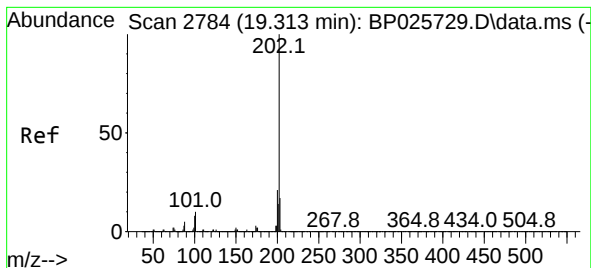
Tgt Ion:167 Resp: 1877411
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 13.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.714 ng
 RT: 18.136 min Scan# 2584
 Delta R.T. -0.047 min
 Lab File: BP025935.D
 Acq: 06 Oct 2025 23:10

Tgt Ion:149 Resp: 2309436
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 45.287 ng

RT: 19.266 min Scan# 21

Delta R.T. -0.047 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

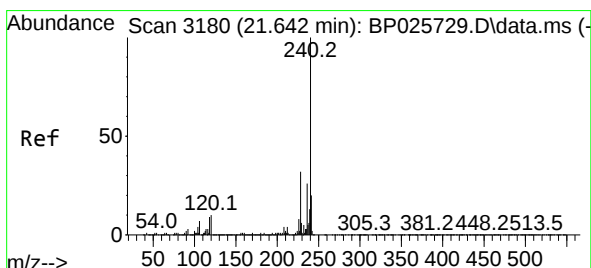
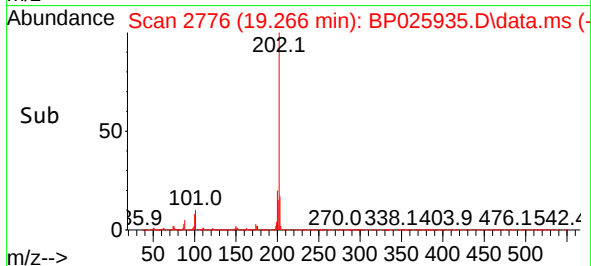
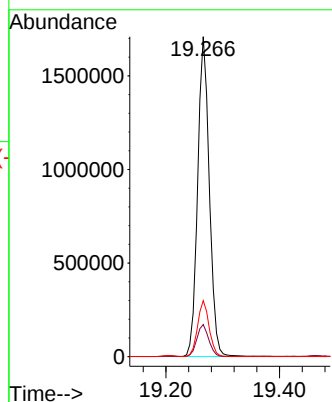
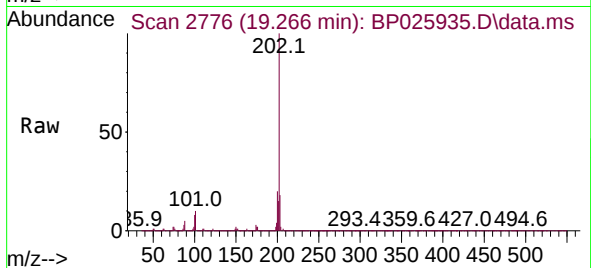
Tgt Ion:202 Resp: 2423361

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.4

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3169

Delta R.T. -0.065 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

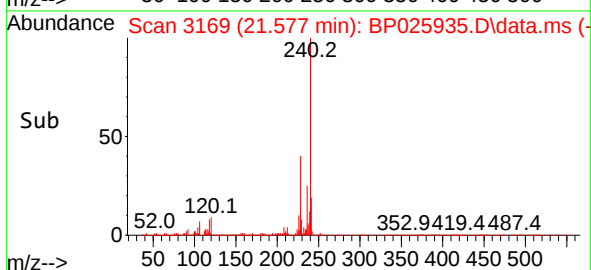
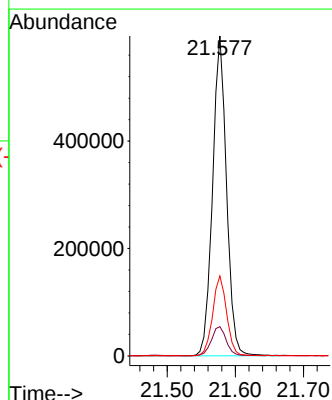
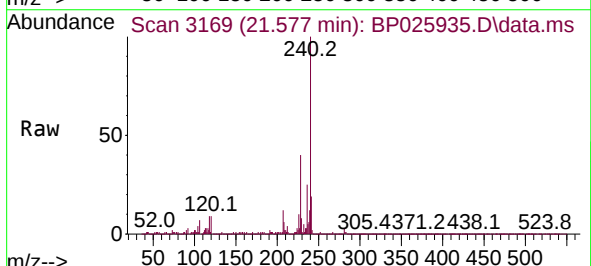
Tgt Ion:240 Resp: 846364

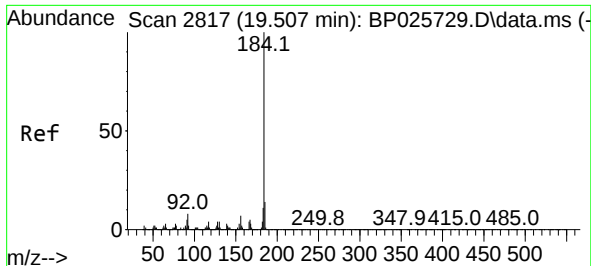
Ion Ratio Lower Upper

240 100

120 9.1 8.0 12.0

236 25.0 20.7 31.1

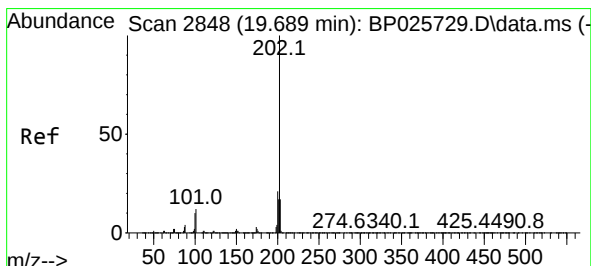
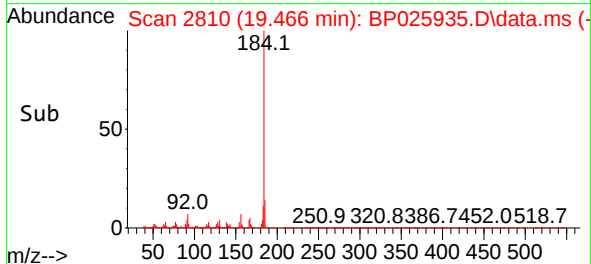
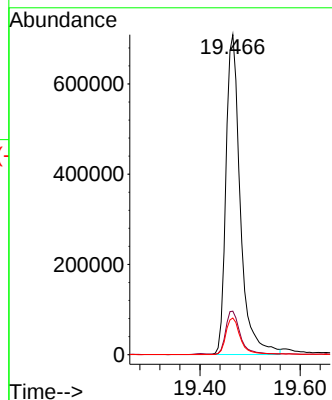
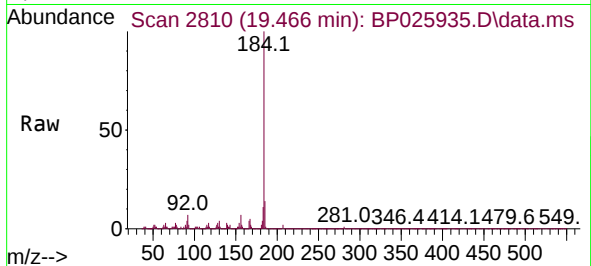




#77
Benzidine
Concen: 57.832 ng
RT: 19.466 min Scan# 2817
Delta R.T. -0.041 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

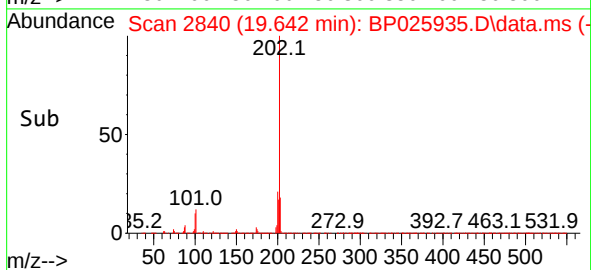
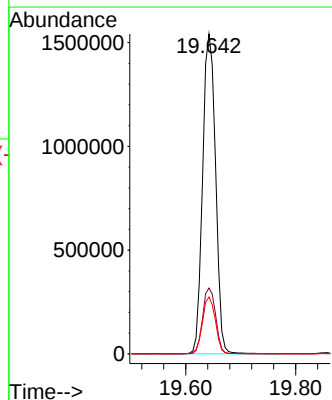
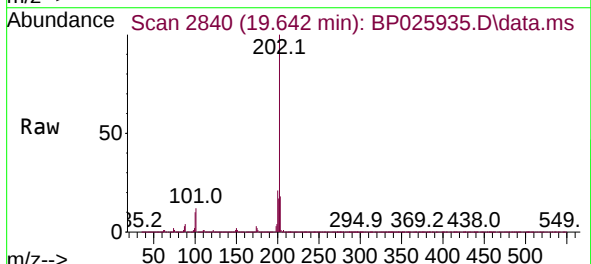
Instrument :
BNA_P
ClientSampleId :
72-11966MS

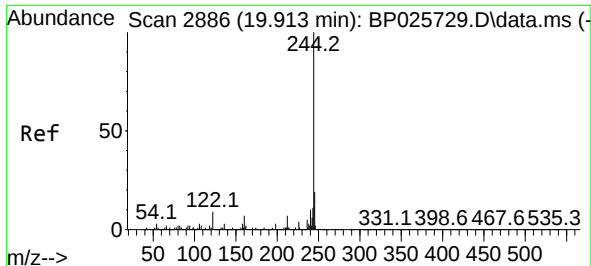
Tgt Ion:184 Resp: 1409932
Ion Ratio Lower Upper
184 100
185 13.6 11.5 17.3
183 11.4 9.2 13.8



#78
Pyrene
Concen: 44.600 ng
RT: 19.642 min Scan# 2840
Delta R.T. -0.047 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:202 Resp: 2518707
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 17.8 13.9 20.9

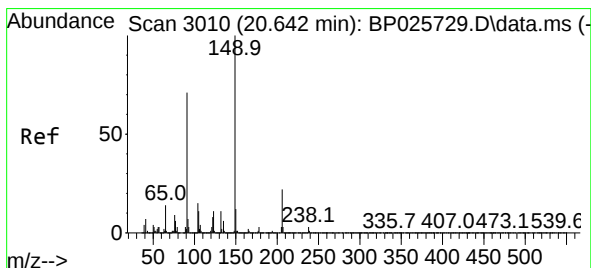
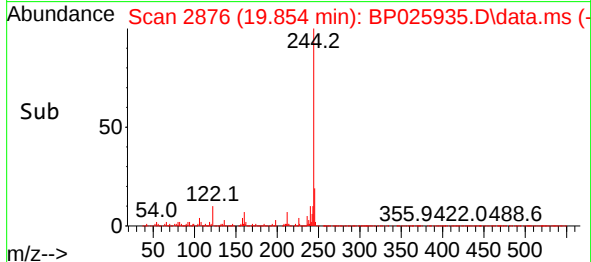
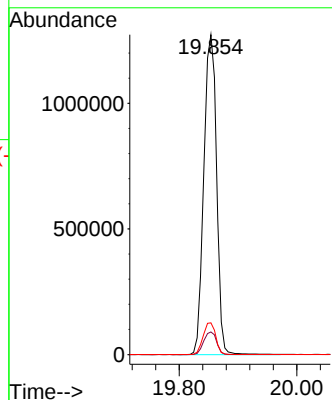
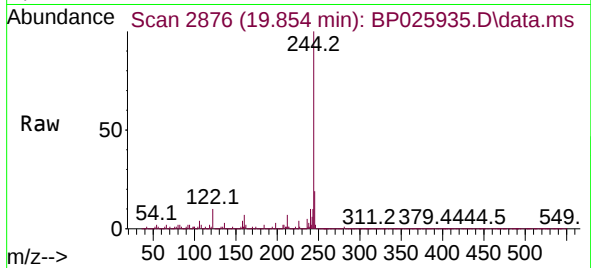




#79
 Terphenyl-d14
 Concen: 40.801 ng
 RT: 19.854 min Scan# 2886
 Delta R.T. -0.059 min
 Lab File: BP025935.D
 Acq: 06 Oct 2025 23:10

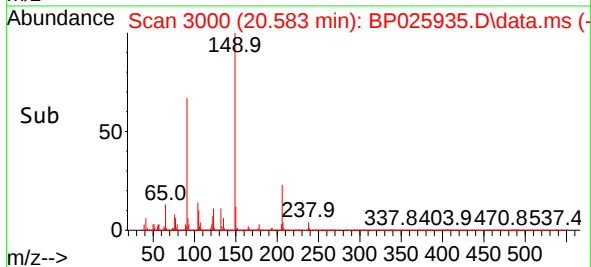
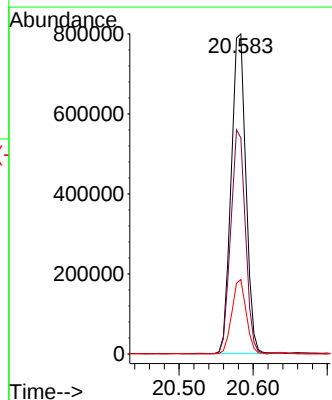
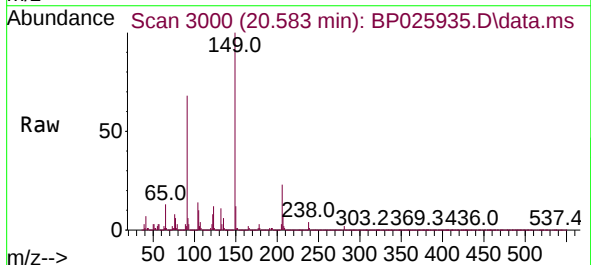
Instrument :
 BNA_P
 ClientSampleId :
 72-11966MS

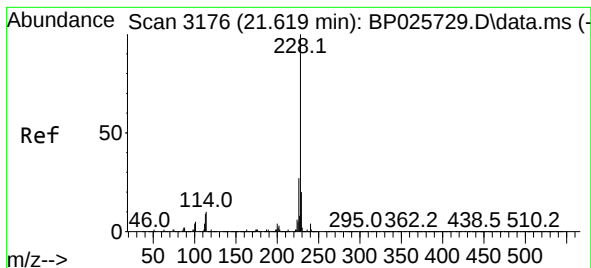
Tgt Ion:244 Resp: 1919534
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.9 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 44.556 ng
 RT: 20.583 min Scan# 3000
 Delta R.T. -0.059 min
 Lab File: BP025935.D
 Acq: 06 Oct 2025 23:10

Tgt Ion:149 Resp: 1103274
 Ion Ratio Lower Upper
 149 100
 91 67.5 56.6 85.0
 206 23.2 17.4 26.0





#81

Benzo(a)anthracene

Concen: 44.755 ng

RT: 21.560 min Scan# 3116

Delta R.T. -0.059 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

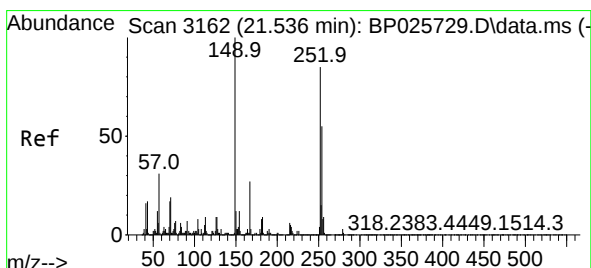
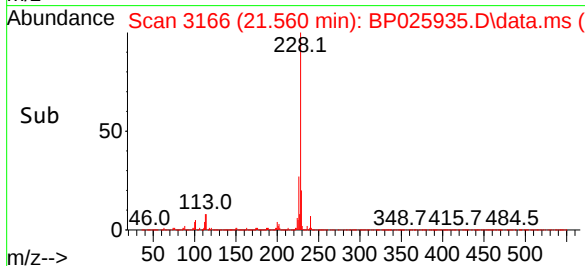
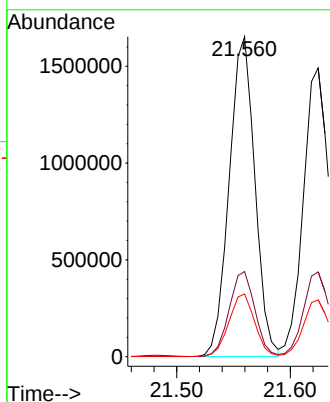
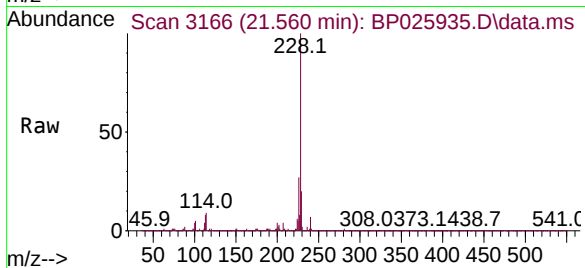
Tgt Ion:228 Resp: 2593230

Ion Ratio Lower Upper

228 100

226 26.6 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 34.692 ng

RT: 21.483 min Scan# 3153

Delta R.T. -0.053 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

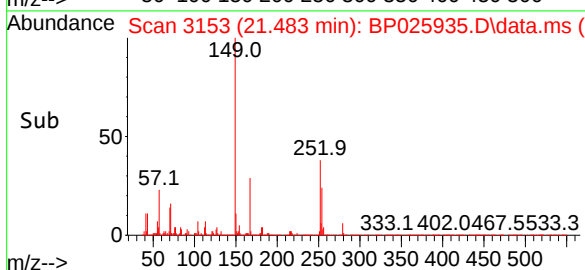
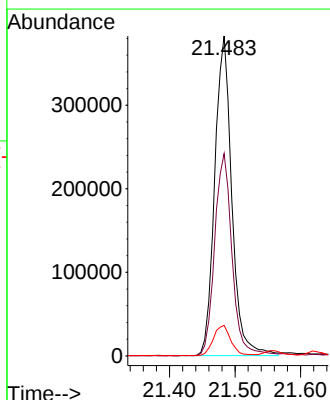
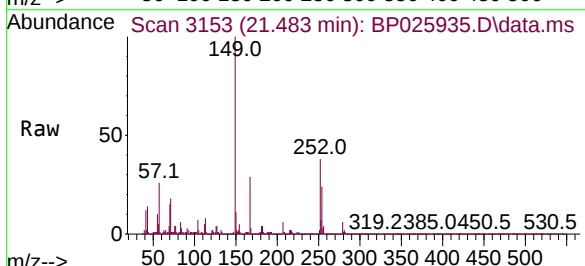
Tgt Ion:252 Resp: 695064

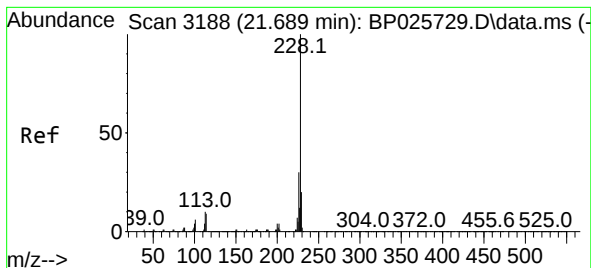
Ion Ratio Lower Upper

252 100

254 63.2 51.4 77.0

126 9.5 8.3 12.5





#83

Chrysene

Concen: 44.558 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.065 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

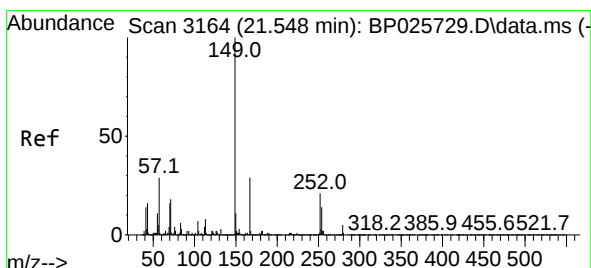
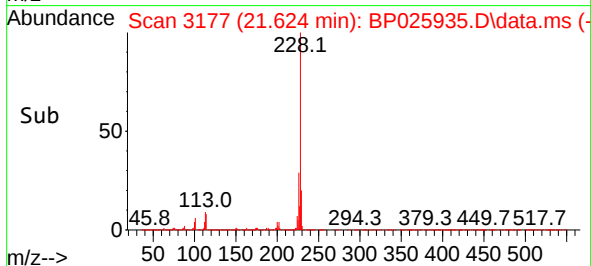
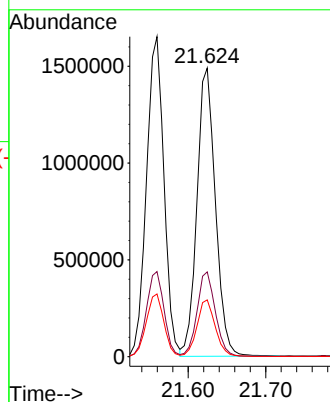
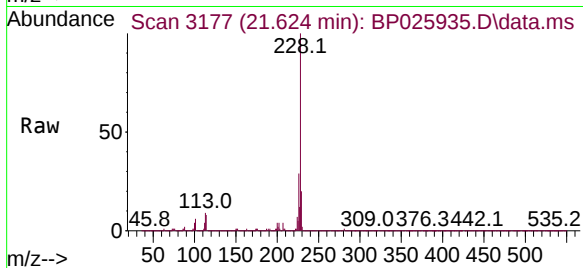
Tgt Ion:228 Resp: 2461133

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.172 ng

RT: 21.477 min Scan# 3152

Delta R.T. -0.071 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

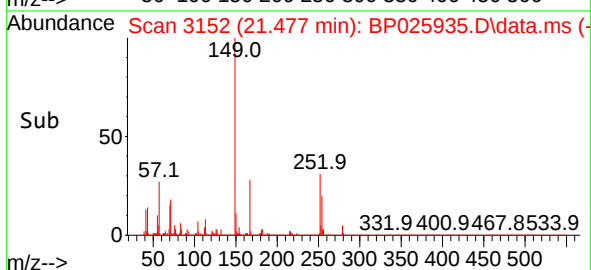
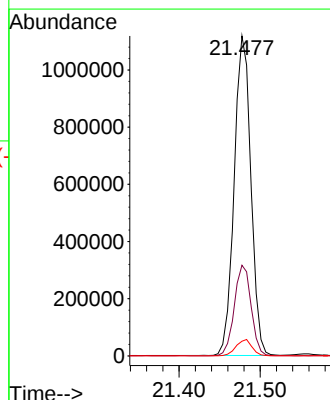
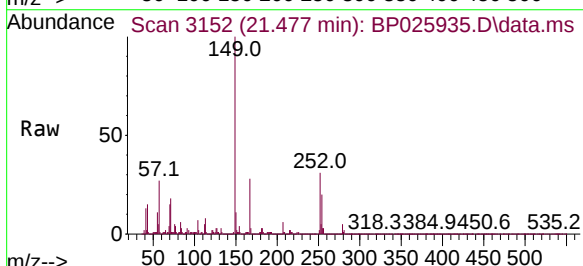
Tgt Ion:149 Resp: 1600232

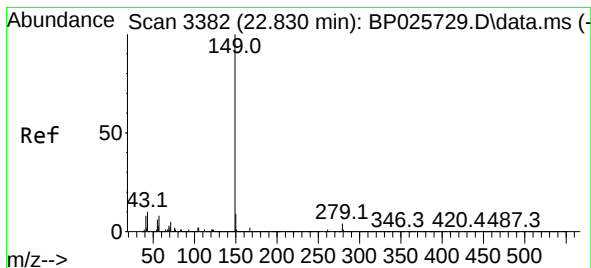
Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

279 4.6 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 45.175 ng

RT: 22.742 min Scan# 33

Delta R.T. -0.088 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

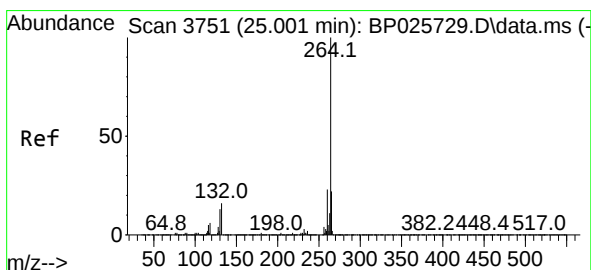
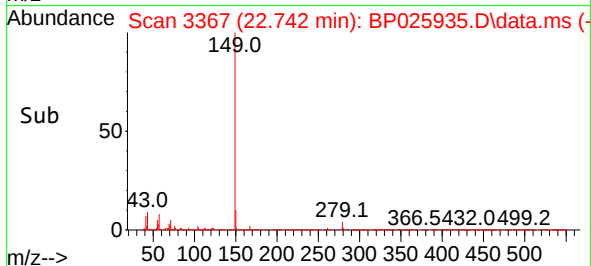
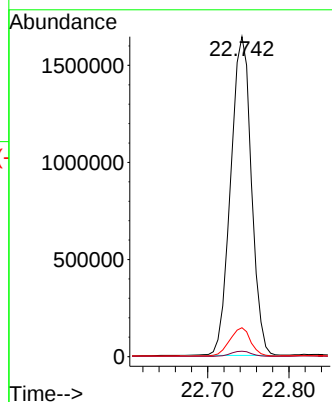
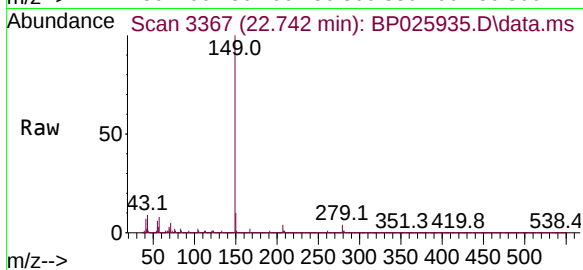
Tgt Ion:149 Resp: 2911110

Ion Ratio Lower Upper

149 100

167 1.7 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. -0.082 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

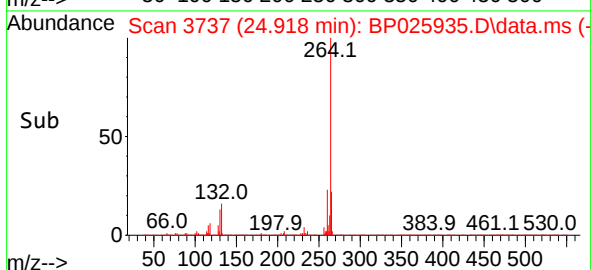
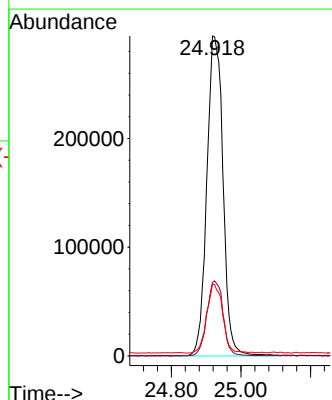
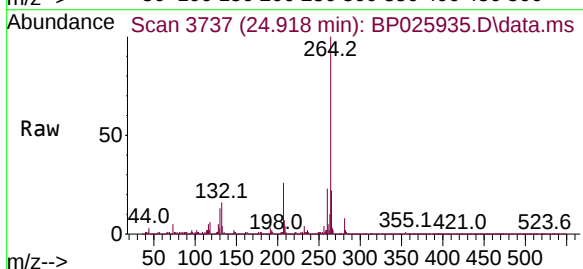
Tgt Ion:264 Resp: 950988

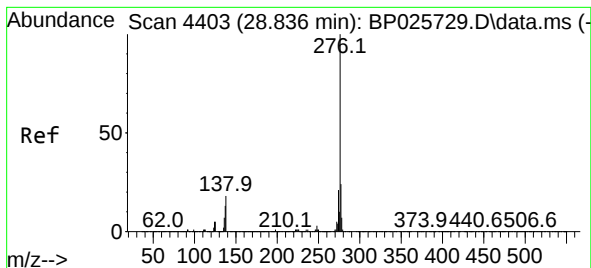
Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 22.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.941 ng

RT: 28.736 min Scan# 4386

Delta R.T. -0.100 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

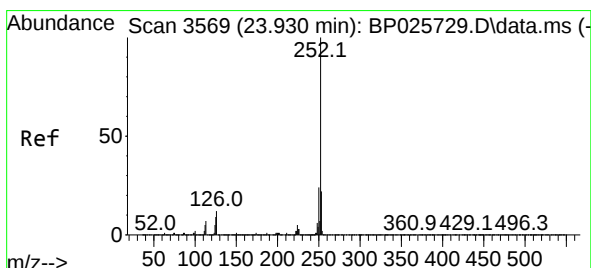
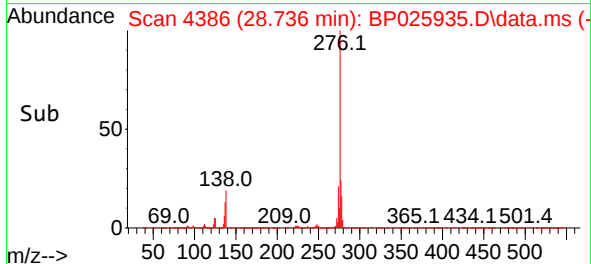
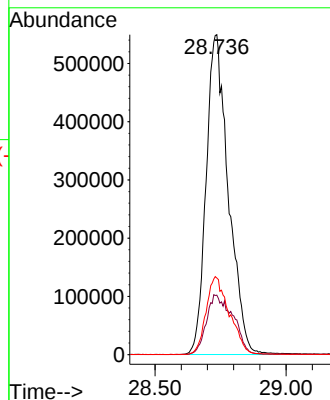
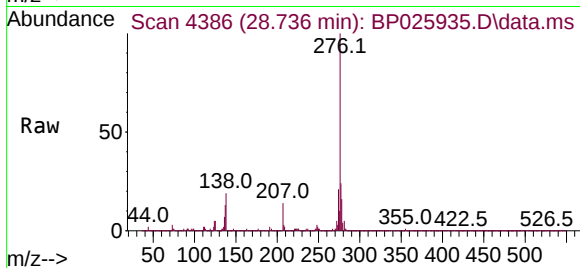
Tgt Ion:276 Resp: 3246353

Ion Ratio Lower Upper

276 100

138 22.1 13.4 20.2#

277 25.4 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 45.967 ng

RT: 23.860 min Scan# 3557

Delta R.T. -0.071 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

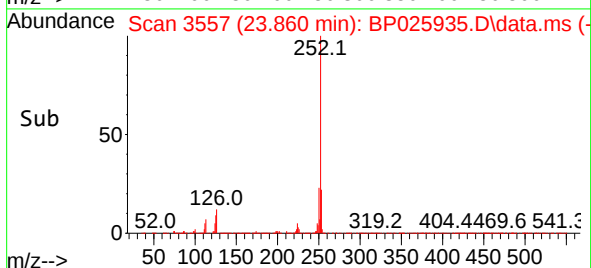
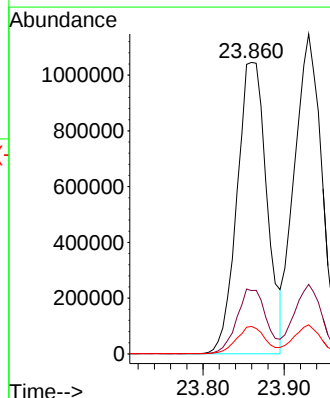
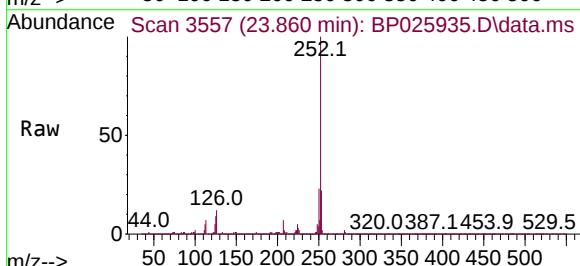
Tgt Ion:252 Resp: 2673203

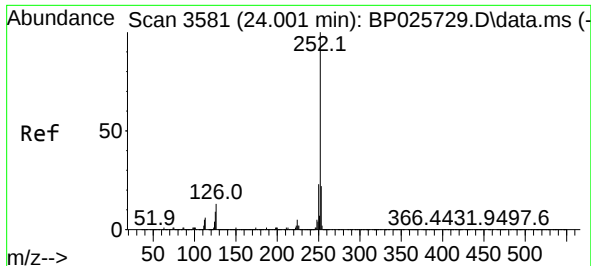
Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 9.4 7.3 10.9

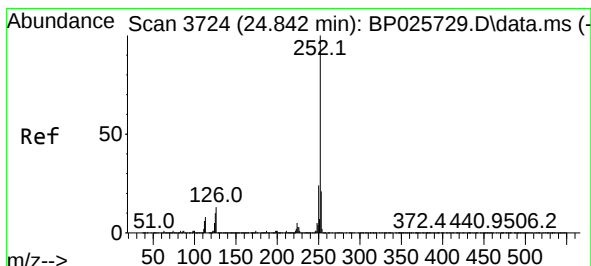
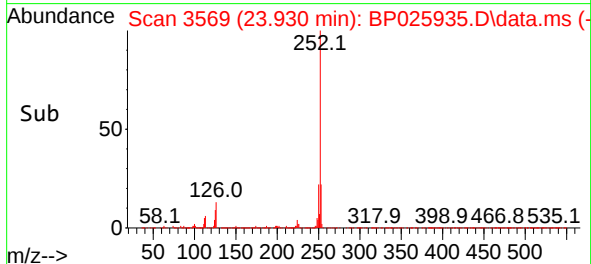
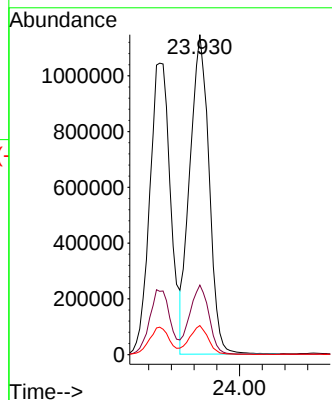
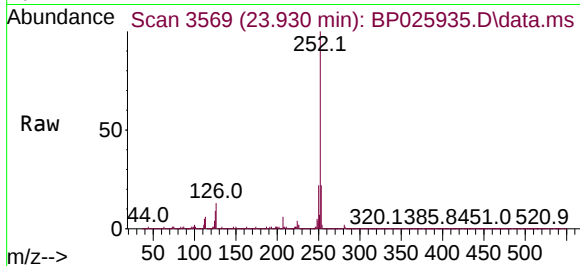




#89
Benzo(k)fluoranthene
Concen: 45.328 ng
RT: 23.930 min Scan# 31
Delta R.T. -0.071 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

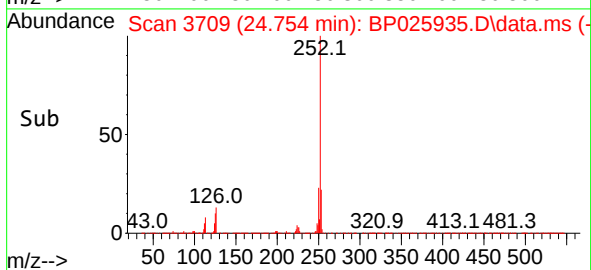
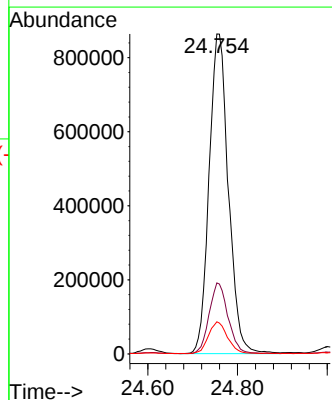
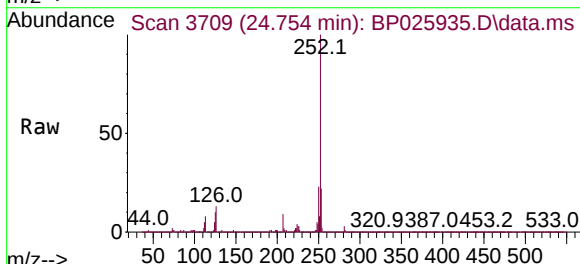
Instrument :
BNA_P
ClientSampleId :
72-11966MS

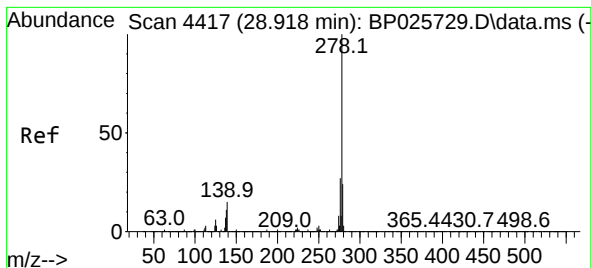
Tgt Ion:252 Resp: 2689926
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.1 7.5 11.3



#90
Benzo(a)pyrene
Concen: 45.204 ng
RT: 24.754 min Scan# 3709
Delta R.T. -0.088 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:252 Resp: 2574389
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 10.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 46.934 ng

RT: 28.795 min Scan# 43

Delta R.T. -0.124 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

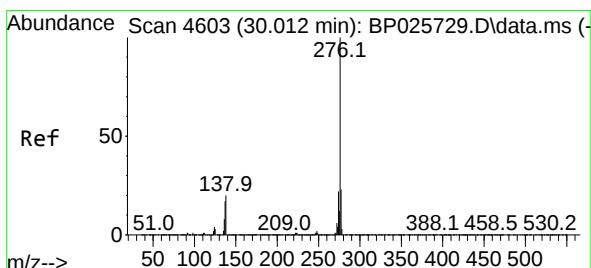
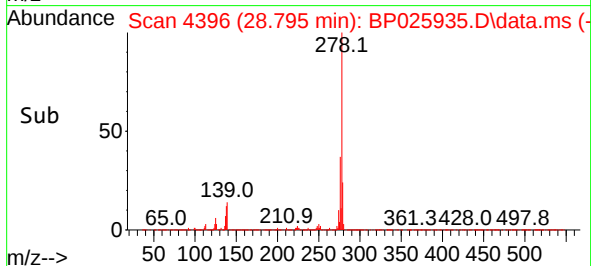
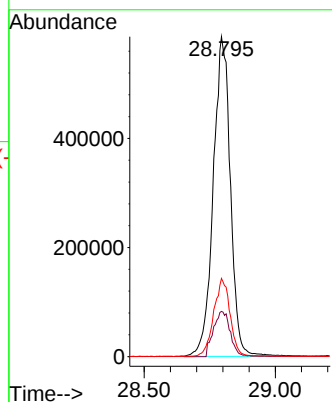
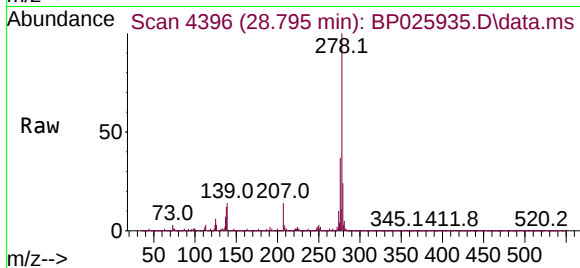
Tgt Ion:278 Resp: 2656174

Ion Ratio Lower Upper

278 100

139 14.1 12.1 18.1

279 24.4 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 47.123 ng

RT: 29.906 min Scan# 4585

Delta R.T. -0.106 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Tgt Ion:276 Resp: 2622677

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 19.0 16.0 24.0

