

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025936.D
 Acq On : 06 Oct 2025 23:51
 Operator : CG/JU
 Sample : Q3289-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11966MSD

Quant Time: Oct 07 02:11:44 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	153847	20.000	ng	-0.02
21) Naphthalene-d8	10.502	136	597298	20.000	ng	-0.02
39) Acenaphthene-d10	14.342	164	396048	20.000	ng	-0.04
64) Phenanthrene-d10	17.136	188	796318	20.000	ng	-0.05
76) Chrysene-d12	21.577	240	842677	20.000	ng	-0.06
86) Perylene-d12	24.918	264	987151	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	666428	69.895	ng	0.00
7) Phenol-d6	6.943	99	881935	69.590	ng	0.00
23) Nitrobenzene-d5	8.884	82	519129	38.338	ng	-0.02
42) 2,4,6-Tribromophenol	15.860	330	325277	65.847	ng	-0.05
45) 2-Fluorobiphenyl	12.960	172	1047798	35.227	ng	-0.03
79) Terphenyl-d14	19.854	244	1987759	42.436	ng	-0.06
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	146533	36.617	ng	95
3) Pyridine	3.702	79	408105	37.036	ng	95
4) n-Nitrosodimethylamine	3.608	42	195428	37.586	ng	90
6) Aniline	7.078	93	556598	31.994	ng	100
8) 2-Chlorophenol	7.319	128	476557	45.560	ng	97
9) Benzaldehyde	6.896	77	245608	32.333	ng	100
10) Phenol	6.966	94	590021	44.152	ng	98
11) bis(2-Chloroethyl)ether	7.172	93	451325	42.037	ng	95
12) 1,3-Dichlorobenzene	7.625	146	512146	43.021	ng	99
13) 1,4-Dichlorobenzene	7.772	146	525451	43.331	ng	99
14) 1,2-Dichlorobenzene	8.084	146	505666	42.923	ng	99
15) Benzyl Alcohol	7.978	79	438725	41.894	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.255	45	658434	37.501	ng	96
17) 2-Methylphenol	8.190	107	398145	44.191	ng	99
18) Hexachloroethane	8.796	117	198706	42.899	ng	98
19) n-Nitroso-di-n-propyla...	8.531	70	353849	40.031	ng	96
20) 3+4-Methylphenols	8.519	107	529909	41.997	ng	99
22) Acetophenone	8.549	105	779767	48.851	ng	99
24) Nitrobenzene	8.925	77	523406	43.088	ng	96
25) Isophorone	9.454	82	987364	41.485	ng	99
26) 2-Nitrophenol	9.631	139	259533	48.122	ng	94
27) 2,4-Dimethylphenol	9.702	122	436229	46.105	ng	99
28) bis(2-Chloroethoxy)met...	9.919	93	587314	42.690	ng	98
29) 2,4-Dichlorophenol	10.184	162	457164	48.461	ng	99
30) 1,2,4-Trichlorobenzene	10.366	180	483089	45.438	ng	98
31) Naphthalene	10.554	128	1398891	43.435	ng	99
32) Benzoic acid	9.896	122	369409	52.514	ng	97
33) 4-Chloroaniline	10.672	127	400610	29.843	ng	98
34) Hexachlorobutadiene	10.831	225	317171	46.342	ng	100
35) Caprolactam	11.478	113	152525	41.942	ng	94
36) 4-Chloro-3-methylphenol	11.813	107	506174	45.005	ng	97
37) 2-Methylnaphthalene	12.160	142	920519	44.500	ng	100
38) 1-Methylnaphthalene	12.378	142	942791	42.740	ng	100
40) 1,2,4,5-Tetrachloroben...	12.531	216	615663	51.300	ng	99
41) Hexachlorocyclopentadiene	12.501	237	462938	70.825	ng	99
43) 2,4,6-Trichlorophenol	12.784	196	373504	47.341	ng	99

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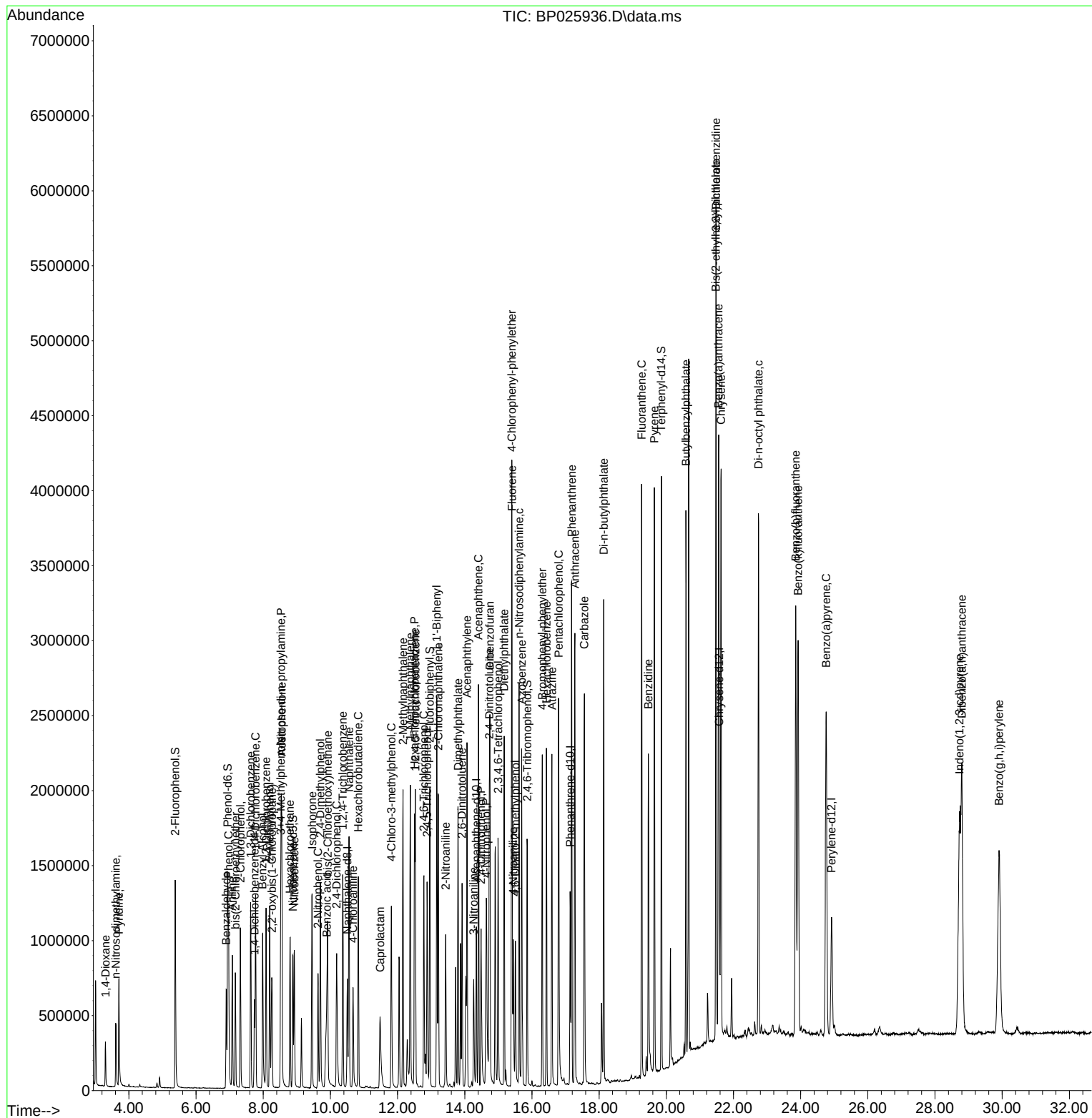
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	416934	47.483	ng	96
46) 1,1'-Biphenyl	13.166	154	1424546	49.004	ng	100
47) 2-Chloronaphthalene	13.213	162	1030182	45.006	ng	100
48) 2-Nitroaniline	13.431	65	336501	44.101	ng	96
49) Acenaphthylene	14.066	152	1684166	44.407	ng	99
50) Dimethylphthalate	13.801	163	1298148	42.932	ng	100
51) 2,6-Dinitrotoluene	13.919	165	287657	44.903	ng	96
52) Acenaphthene	14.407	154	947425	43.318	ng	99
53) 3-Nitroaniline	14.266	138	221945	32.946	ng	98
54) 2,4-Dinitrophenol	14.484	184	329980	79.271	ng	95
55) Dibenzofuran	14.748	168	1539669	43.193	ng	98
56) 4-Nitrophenol	14.637	139	411551	71.448	ng	98
57) 2,4-Dinitrotoluene	14.731	165	428603	47.012	ng	96
58) Fluorene	15.407	166	1260416	44.466	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.990	232	377295	47.700	ng	96
60) Diethylphthalate	15.172	149	1346346	43.896	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	648675	45.408	ng	97
62) 4-Nitroaniline	15.442	138	310095	44.932	ng	98
63) Azobenzene	15.695	77	1339837	45.178	ng	96
65) 4,6-Dinitro-2-methylph...	15.507	198	251262	47.446	ng	91
66) n-Nitrosodiphenylamine	15.619	169	1118395	45.894	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	428958	49.034	ng	99
68) Hexachlorobenzene	16.431	284	470741	48.253	ng	93
69) Atrazine	16.595	200	446872	47.973	ng	98
70) Pentachlorophenol	16.795	266	615102	95.531	ng	98
71) Phenanthrene	17.184	178	2047806	45.334	ng	99
72) Anthracene	17.278	178	2088190	45.561	ng	99
73) Carbazole	17.560	167	1938033	45.483	ng	99
74) Di-n-butylphthalate	18.136	149	2433350	46.535	ng	100
75) Fluoranthene	19.266	202	2510296	46.336	ng	100
77) Benzidine	19.466	184	1529951	63.029	ng	99
78) Pyrene	19.642	202	2575806	45.810	ng	100
80) Butylbenzylphthalate	20.583	149	1158170	46.977	ng	99
81) Benzo(a)anthracene	21.554	228	2629313	45.576	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	730308	36.611	ng	100
83) Chrysene	21.630	228	2508791	45.619	ng	99
84) Bis(2-ethylhexyl)phtha...	21.477	149	1687086	46.773	ng	100
85) Di-n-octyl phthalate	22.742	149	3070894	47.863	ng	97
87) Indeno(1,2,3-cd)pyrene	28.730	276	3415944	47.584	ng	# 84
88) Benzo(b)fluoranthene	23.854	252	2762862	45.768	ng	99
89) Benzo(k)fluoranthene	23.924	252	2782424	45.169	ng	99
90) Benzo(a)pyrene	24.760	252	2696595	45.615	ng	99
91) Dibenzo(a,h)anthracene	28.801	278	2790347	47.499	ng	98
92) Benzo(g,h,i)perylene	29.906	276	2772460	47.989	ng	98

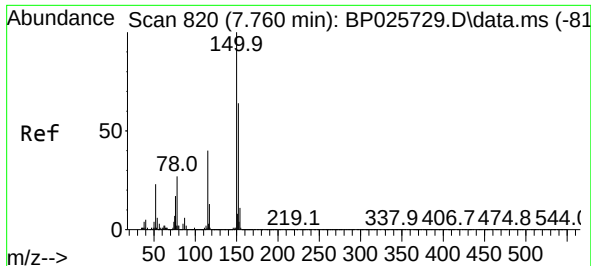
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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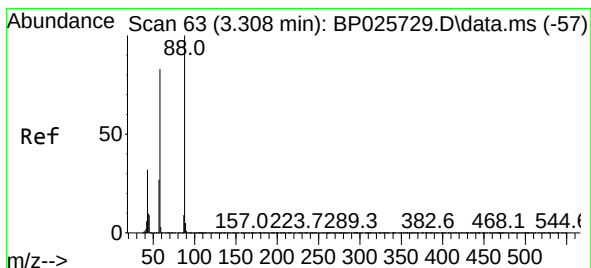
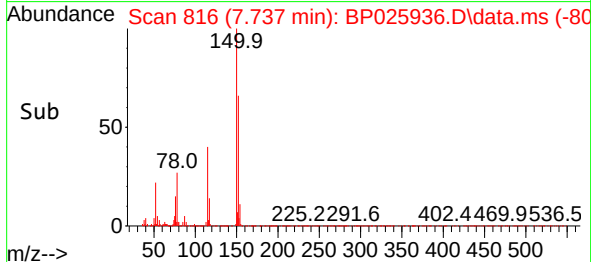
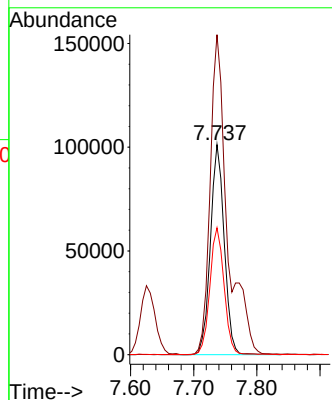
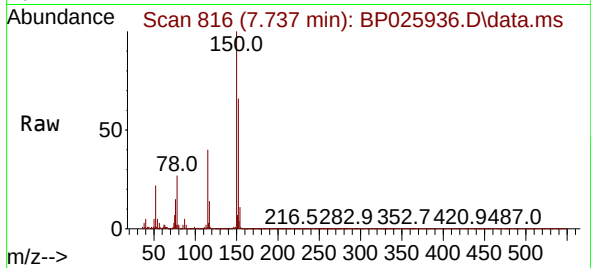




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.737 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BP025936.D
 Acq: 06 Oct 2025 23:51

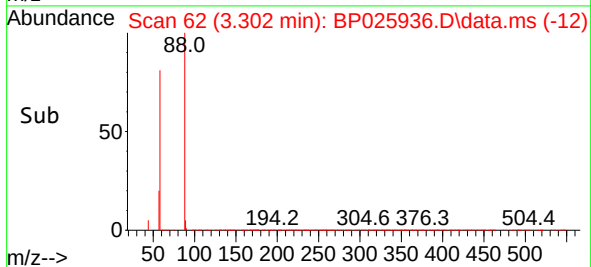
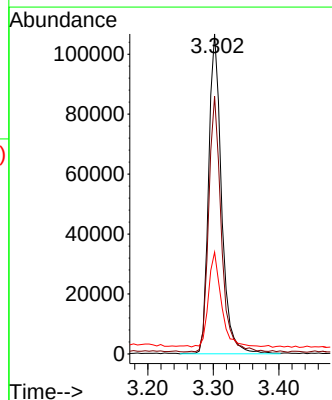
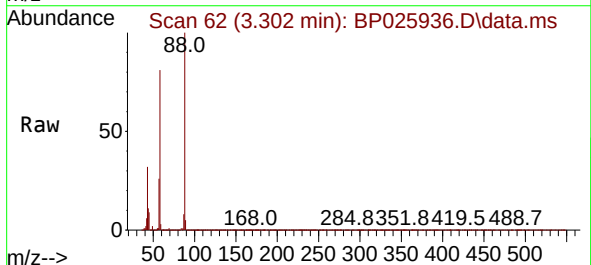
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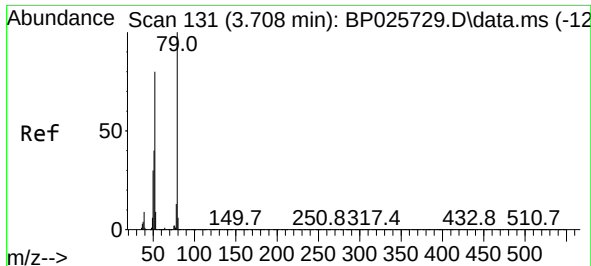
Tgt Ion:152 Resp: 153847
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.3 186.5
 115 60.4 50.3 75.5



#2
 1,4-Dioxane
 Concen: 36.617 ng
 RT: 3.302 min Scan# 62
 Delta R.T. -0.006 min
 Lab File: BP025936.D
 Acq: 06 Oct 2025 23:51

Tgt Ion: 88 Resp: 146533
 Ion Ratio Lower Upper
 88 100
 58 77.5 65.5 98.3
 43 29.4 25.2 37.8

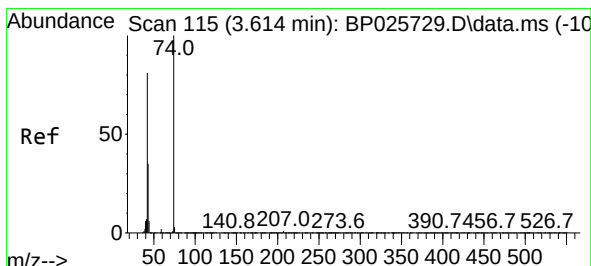
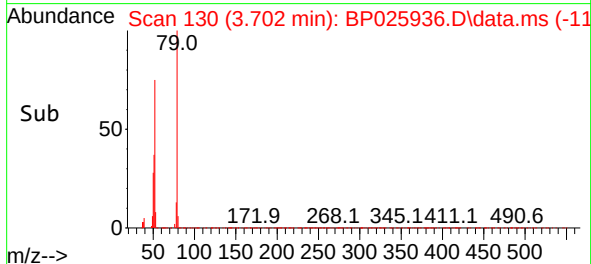
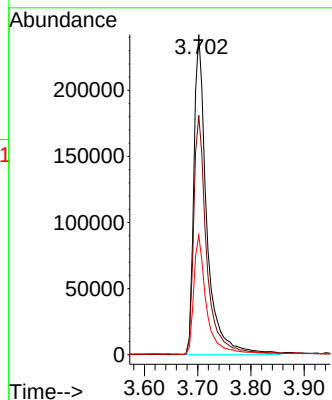
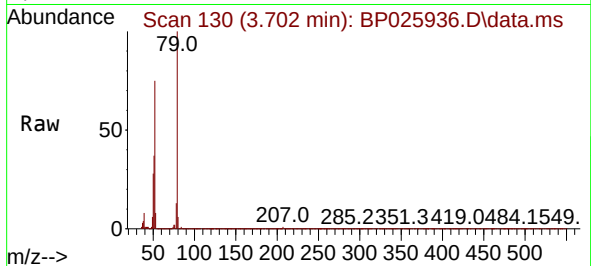




#3
Pyridine
Concen: 37.036 ng
RT: 3.702 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

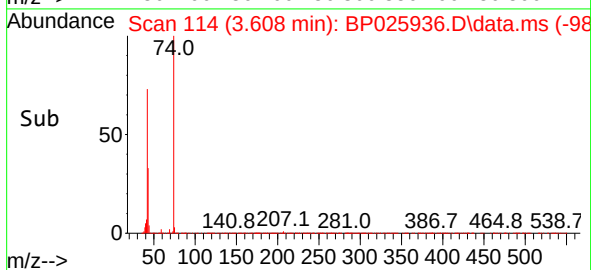
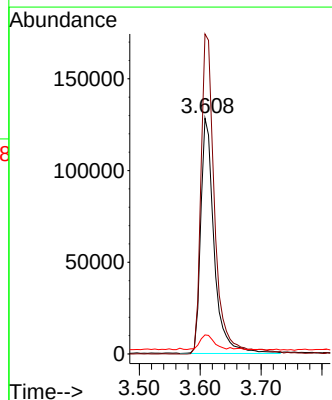
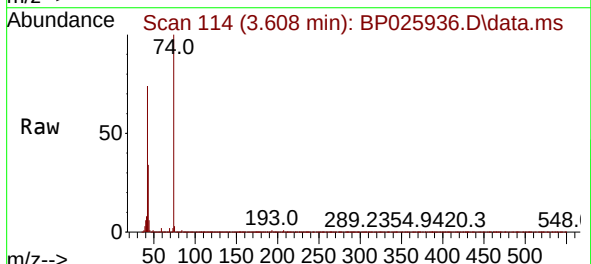
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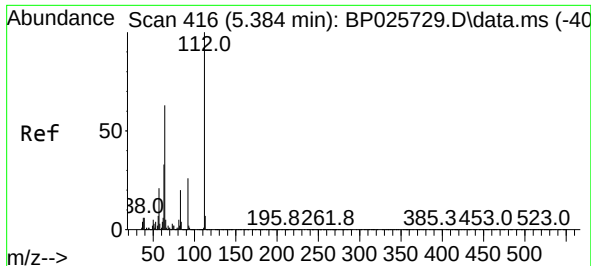
Tgt Ion: 79 Resp: 408105
Ion Ratio Lower Upper
79 100
52 74.8 63.7 95.5
51 37.3 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 37.586 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 42 Resp: 195428
Ion Ratio Lower Upper
42 100
74 135.7 99.2 148.8
44 8.1 6.4 9.6

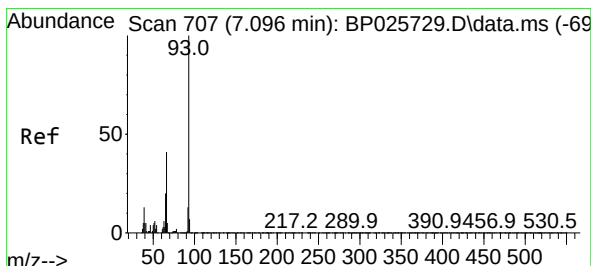
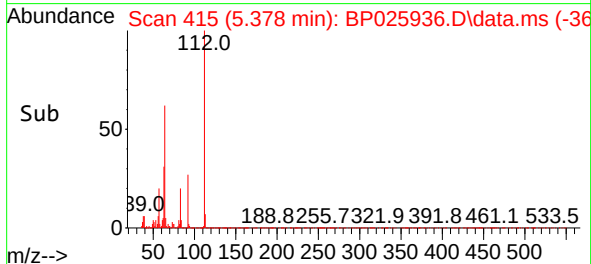
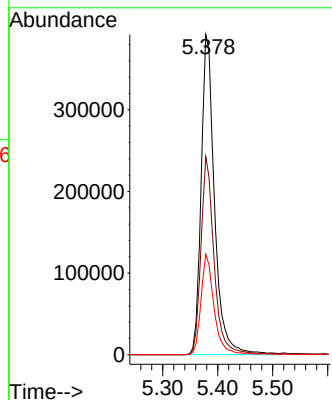
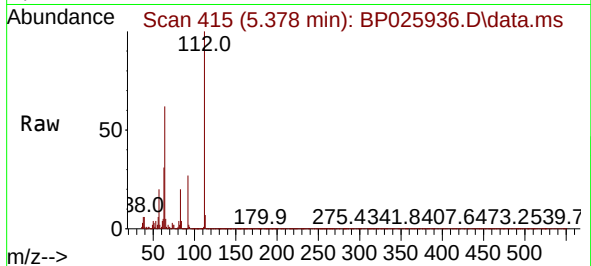




#5
2-Fluorophenol
Concen: 69.895 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

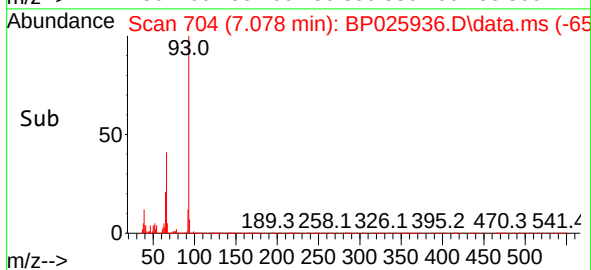
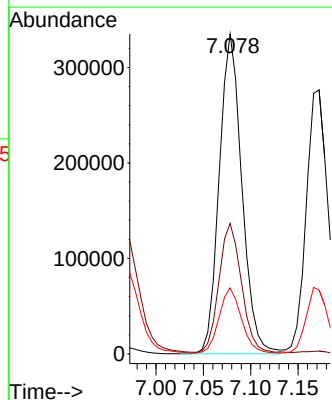
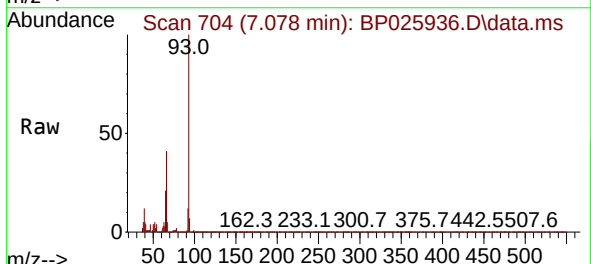
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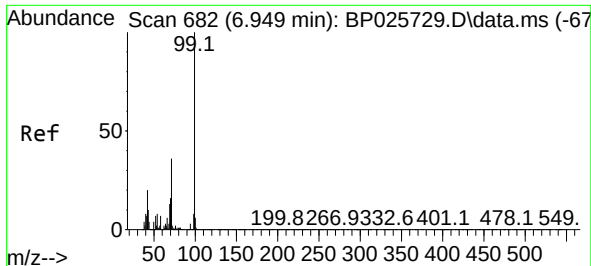
Tgt Ion:112 Resp: 666428
Ion Ratio Lower Upper
112 100
64 61.9 50.2 75.4
63 31.4 26.7 40.1



#6
Aniline
Concen: 31.994 ng
RT: 7.078 min Scan# 704
Delta R.T. -0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 93 Resp: 556598
Ion Ratio Lower Upper
93 100
66 40.8 32.6 49.0
65 20.6 16.2 24.2

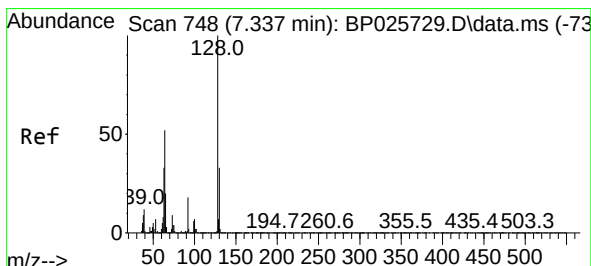
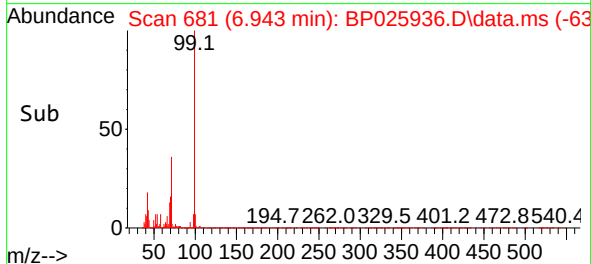
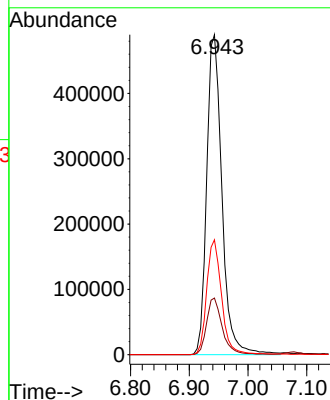
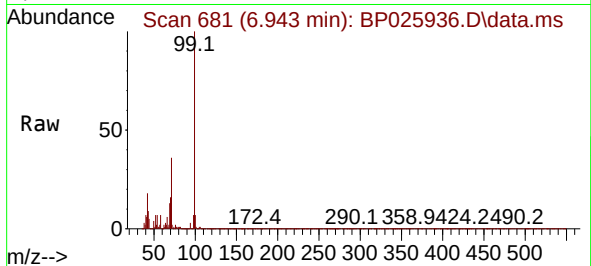




#7
Phenol-d6
Concen: 69.590 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

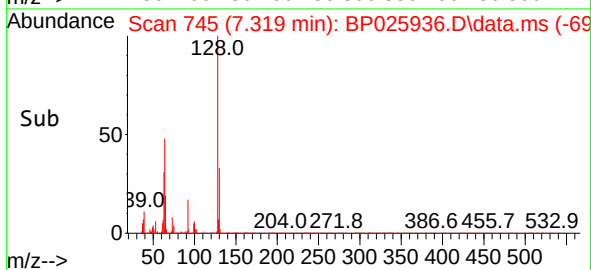
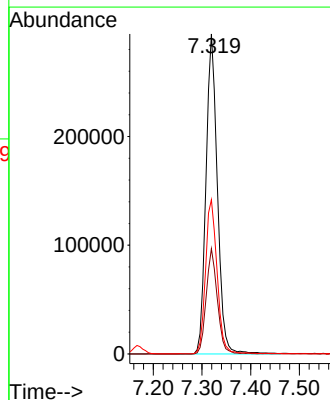
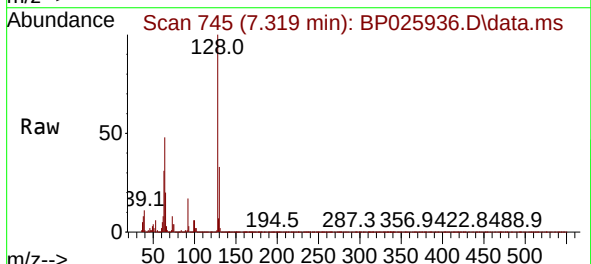
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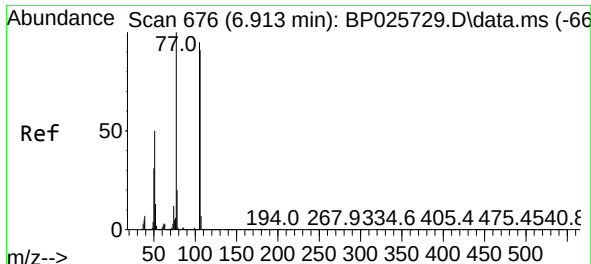
Tgt Ion: 99 Resp: 881935
Ion Ratio Lower Upper
99 100
42 17.7 15.6 23.4
71 35.9 28.6 43.0



#8
2-Chlorophenol
Concen: 45.560 ng
RT: 7.319 min Scan# 745
Delta R.T. -0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:128 Resp: 476557
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 48.2 31.6 71.6

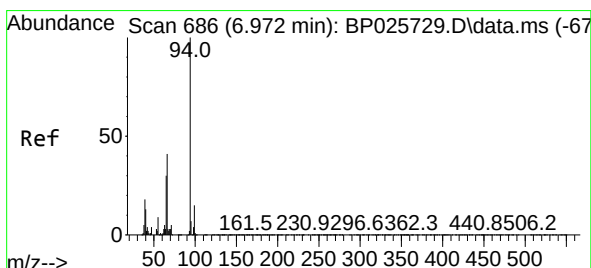
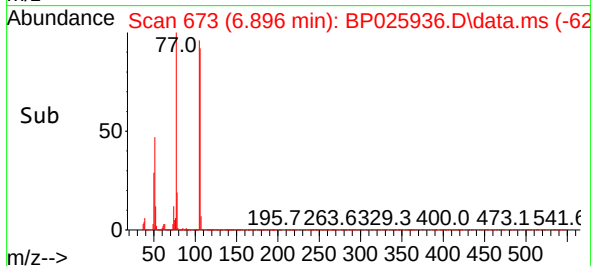
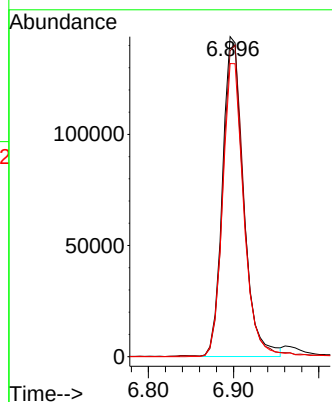
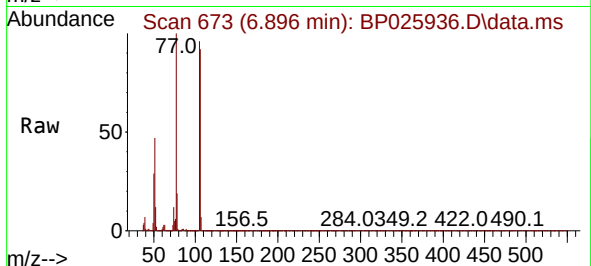




#9
Benzaldehyde
Concen: 32.333 ng
RT: 6.896 min Scan# 61
Delta R.T. -0.018 min
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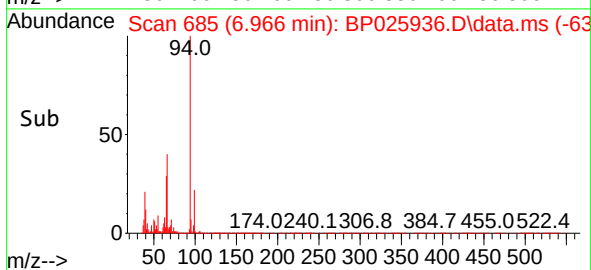
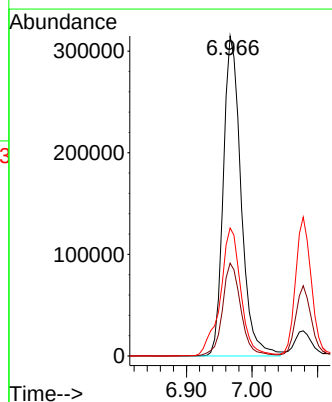
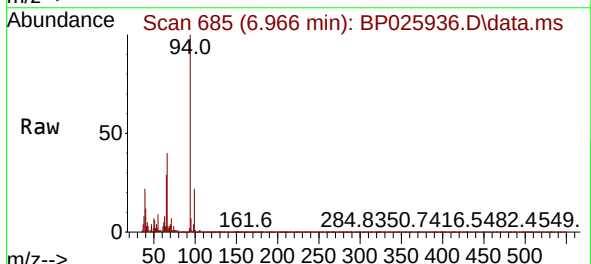
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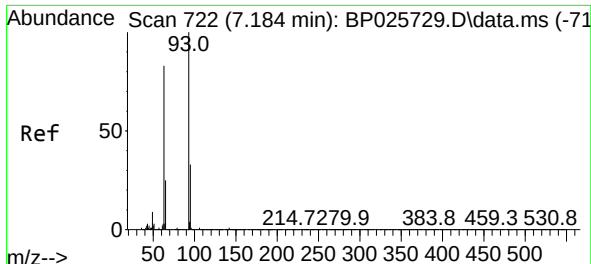
Tgt Ion: 77 Resp: 245608
Ion Ratio Lower Upper
77 100
105 95.6 75.2 115.2
106 91.6 71.3 111.3



#10
Phenol
Concen: 44.152 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 590021
Ion Ratio Lower Upper
94 100
65 29.0 10.2 50.2
66 40.0 21.4 61.4

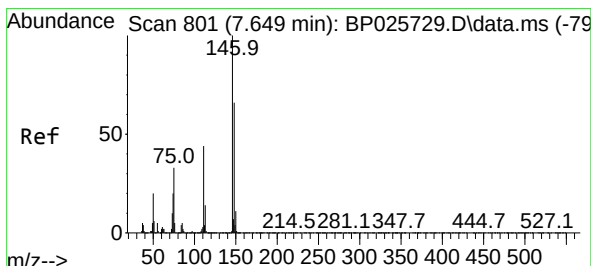
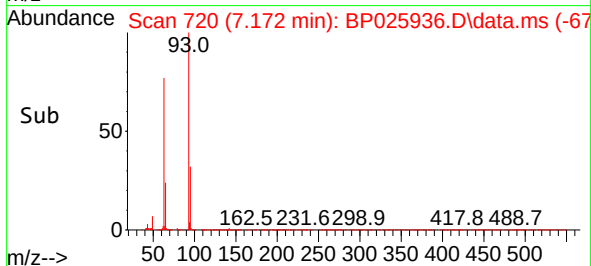
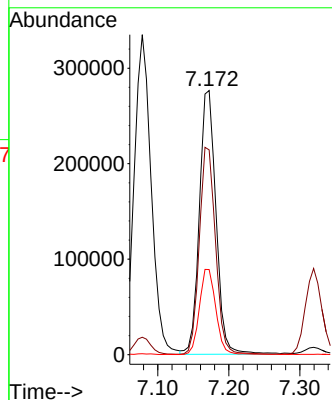
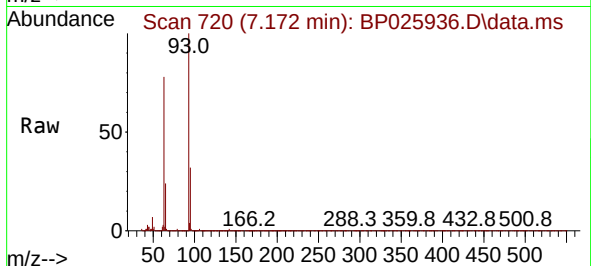




#11
bis(2-Chloroethyl)ether
Concen: 42.037 ng
RT: 7.172 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

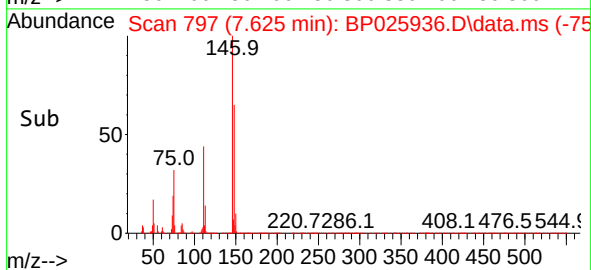
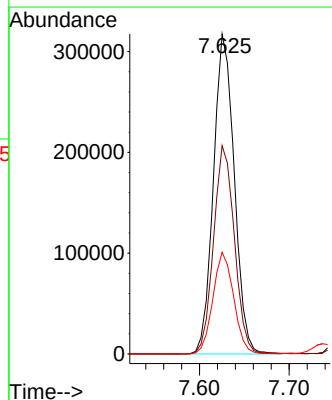
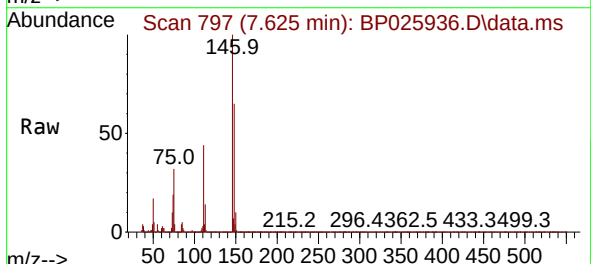
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

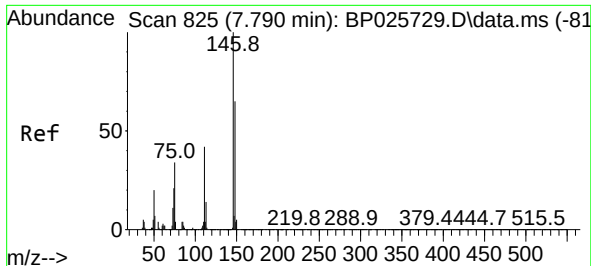
Tgt Ion: 93 Resp: 451325
Ion Ratio Lower Upper
93 100
63 77.5 62.6 102.6
95 32.2 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 43.021 ng
RT: 7.625 min Scan# 797
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:146 Resp: 512146
Ion Ratio Lower Upper
146 100
148 65.1 52.7 79.1
75 31.8 26.4 39.6

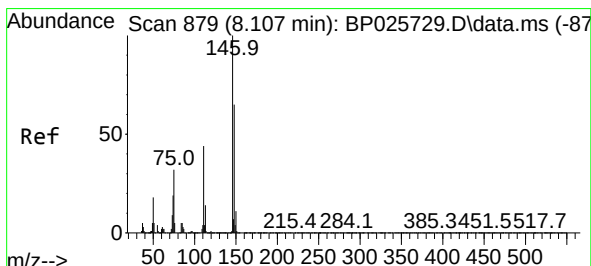
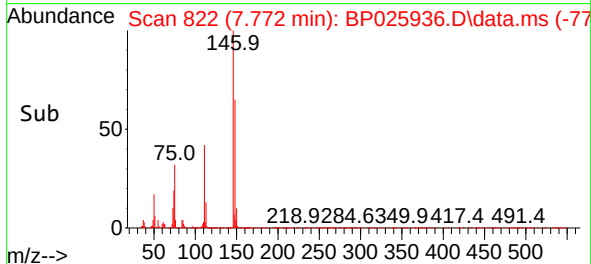
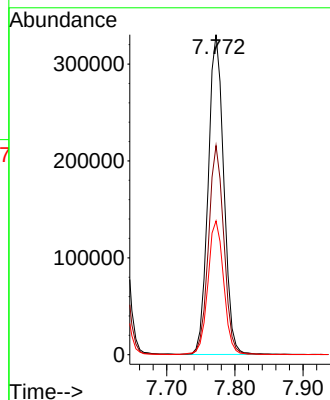
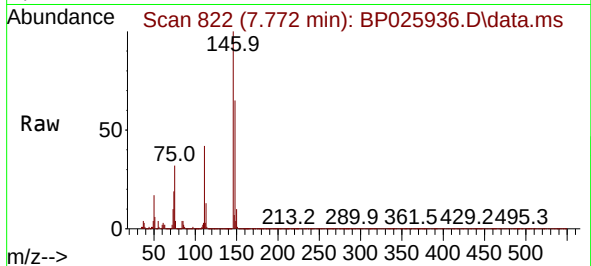




#13
1,4-Dichlorobenzene
Concen: 43.331 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

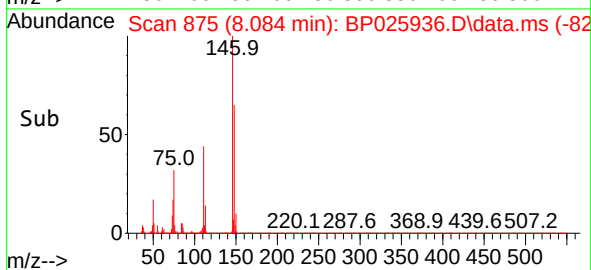
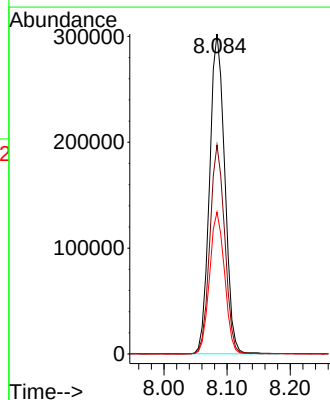
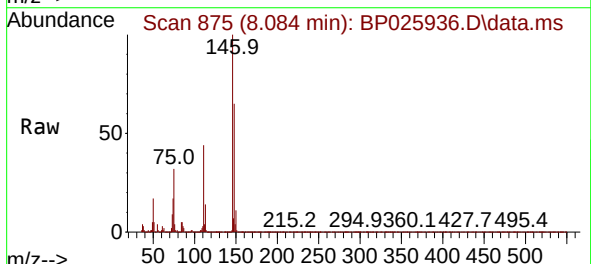
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

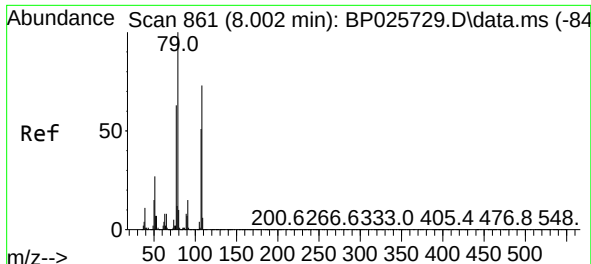
Tgt Ion:146 Resp: 525451
Ion Ratio Lower Upper
146 100
148 65.3 52.0 78.0
111 41.8 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 42.923 ng
RT: 8.084 min Scan# 875
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:146 Resp: 505666
Ion Ratio Lower Upper
146 100
148 65.3 51.7 77.5
111 44.4 35.5 53.3

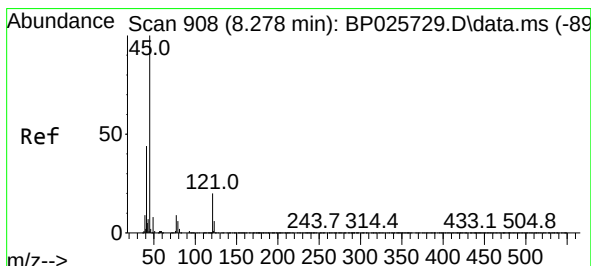
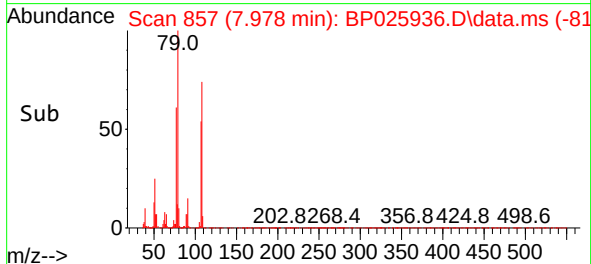
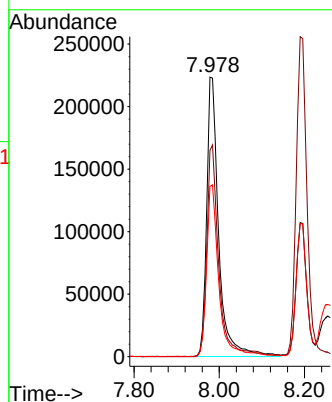
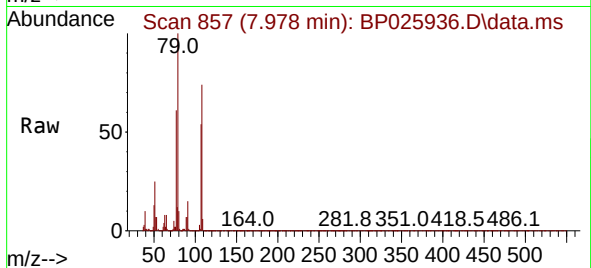




#15
Benzyl Alcohol
Concen: 41.894 ng
RT: 7.978 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

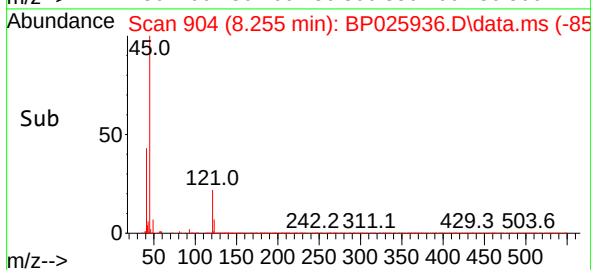
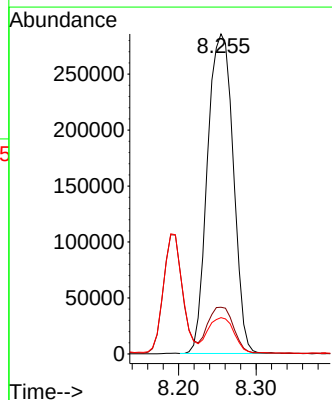
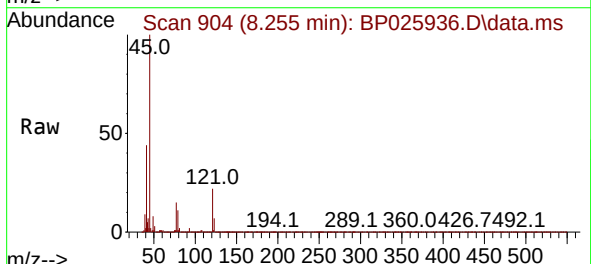
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

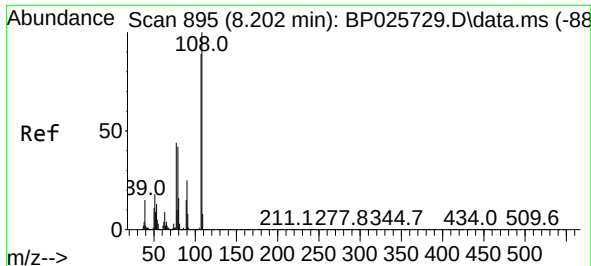
Tgt Ion: 79 Resp: 438725
Ion Ratio Lower Upper
79 100
108 73.9 58.7 88.1
77 61.0 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.501 ng
RT: 8.255 min Scan# 904
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 45 Resp: 658434
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.1
79 11.4 0.0 30.0

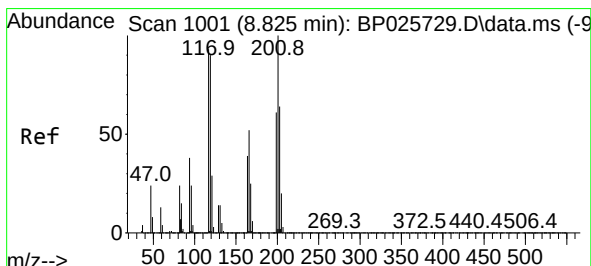
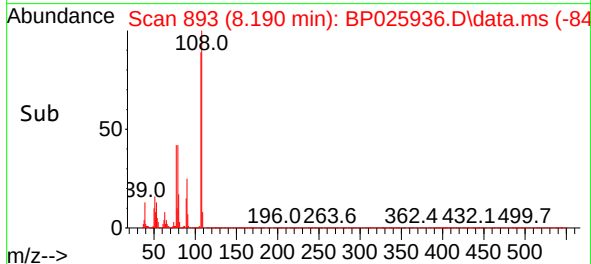
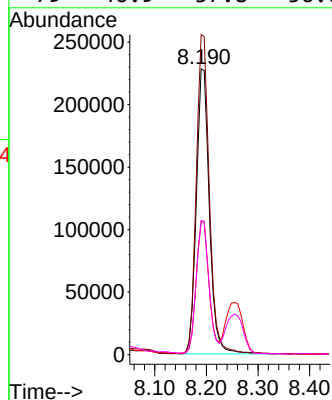
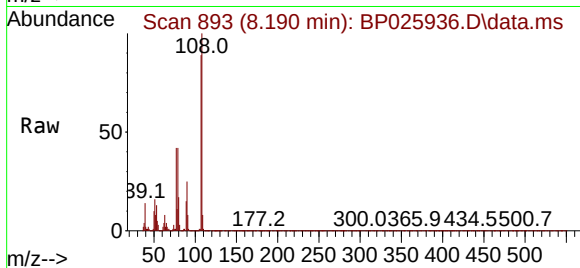




#17
2-Methylphenol
Concen: 44.191 ng
RT: 8.190 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

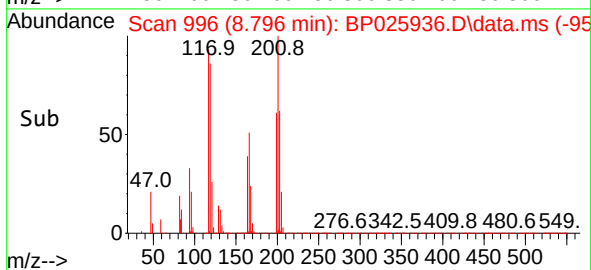
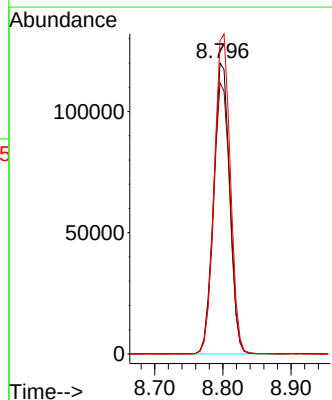
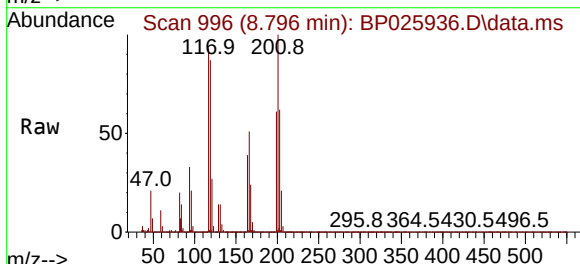
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

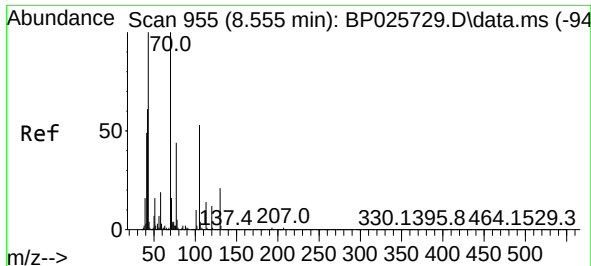
Tgt Ion:	107	Resp:	398145
Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.6	134.4
77	46.6	39.3	58.9
79	46.9	37.8	56.6



#18
Hexachloroethane
Concen: 42.899 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.029 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:	117	Resp:	198706
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.1	115.7
201	107.6	85.6	128.4

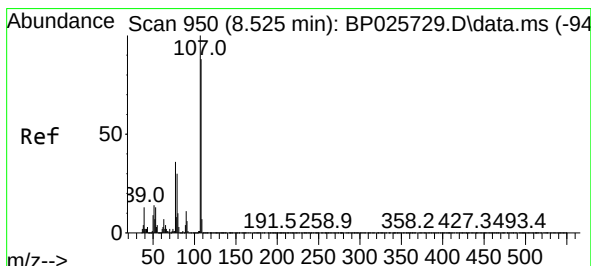
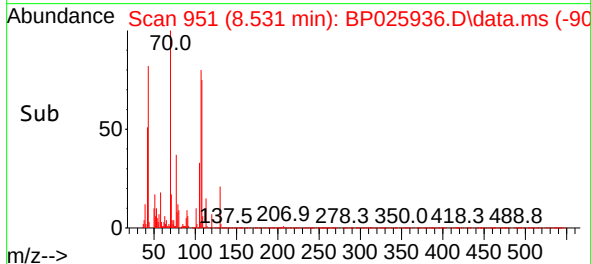
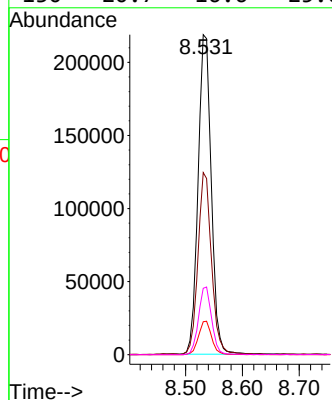
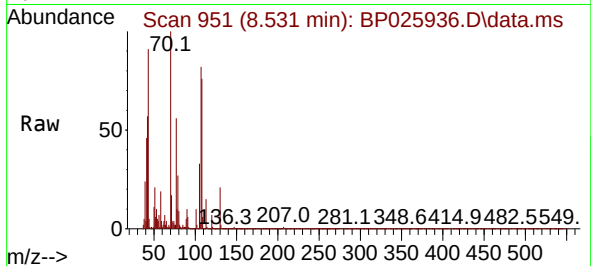




#19
n-Nitroso-di-n-propylamine
Concen: 40.031 ng
RT: 8.531 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

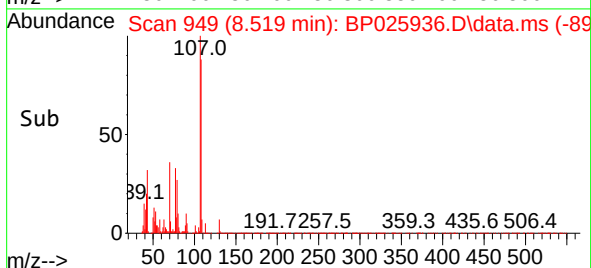
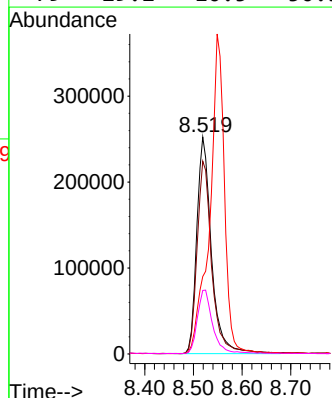
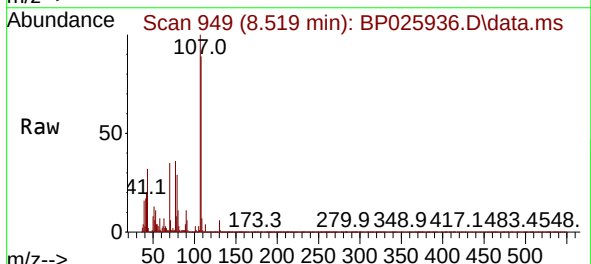
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

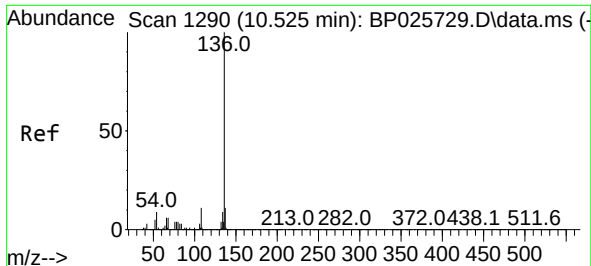
Tgt Ion: 70 Resp: 353849
Ion Ratio Lower Upper
70 100
42 56.9 49.0 73.4
101 10.3 7.9 11.9
130 20.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 41.997 ng
RT: 8.519 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 107 Resp: 529909
Ion Ratio Lower Upper
107 100
108 88.8 67.8 107.8
77 35.7 16.1 56.1
79 29.2 10.5 50.5



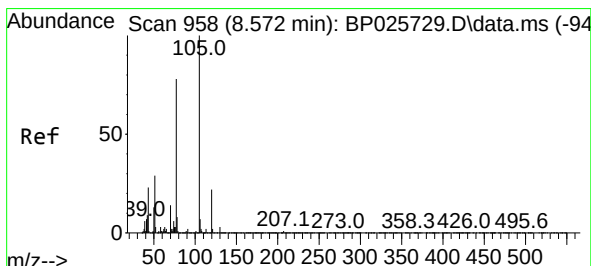
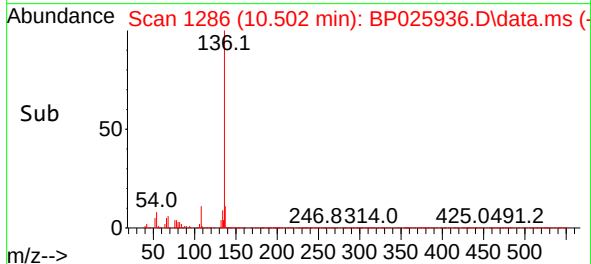
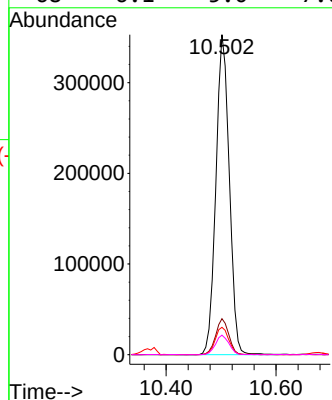
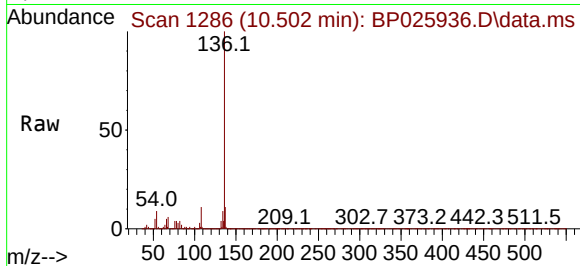


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.502 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Instrument :
BNA_P
ClientSampleId :
72-11966MSD

Tgt Ion:136 Resp: 597298

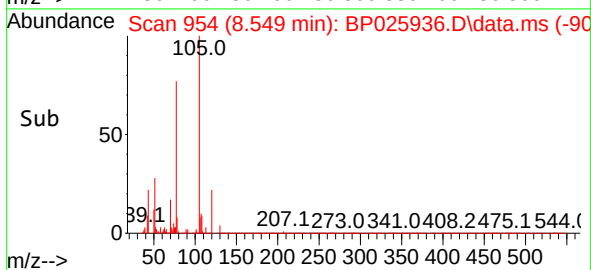
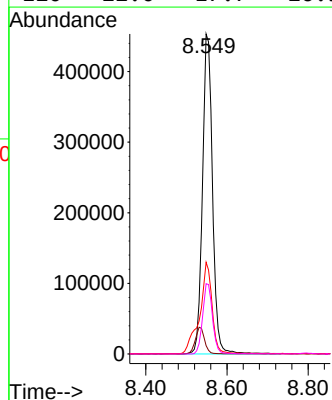
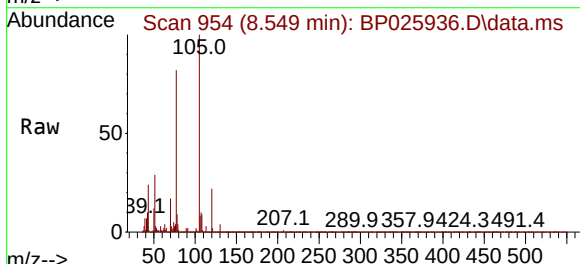
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.5	7.5	11.3
68	6.1	5.0	7.6

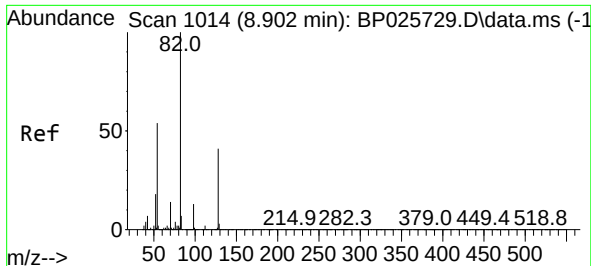


#22
Acetophenone
Concen: 48.851 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:105 Resp: 779767

Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.8	2.8
51	28.7	23.5	35.3
120	22.0	17.7	26.5





#23

Nitrobenzene-d5

Concen: 38.338 ng

RT: 8.884 min Scan# 1011

Delta R.T. -0.018 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

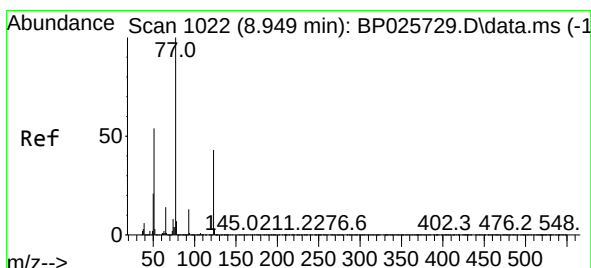
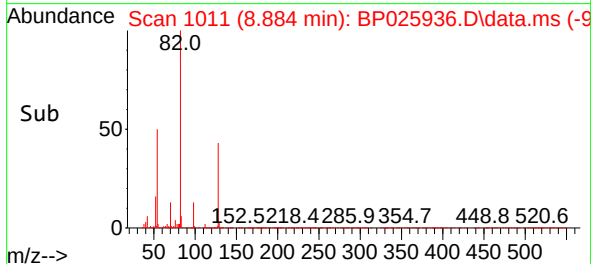
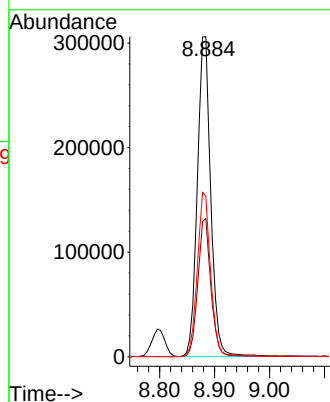
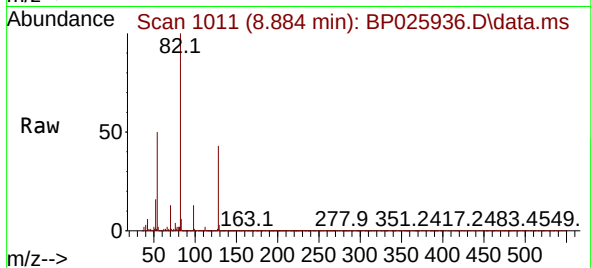
Tgt Ion: 82 Resp: 519129

Ion Ratio Lower Upper

82 100

128 43.1 32.9 49.3

54 50.2 43.4 65.2



#24

Nitrobenzene

Concen: 43.088 ng

RT: 8.925 min Scan# 1018

Delta R.T. -0.024 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

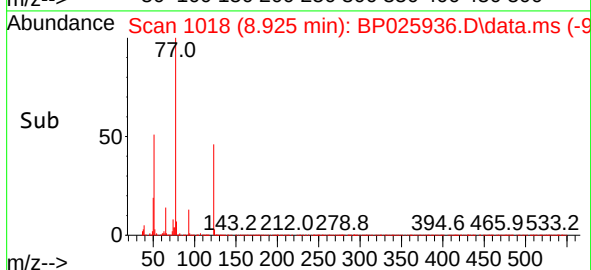
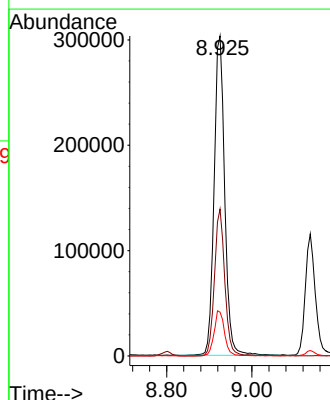
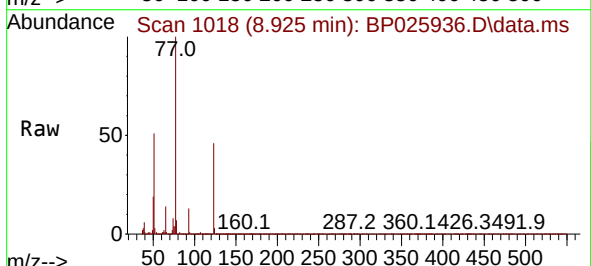
Tgt Ion: 77 Resp: 523406

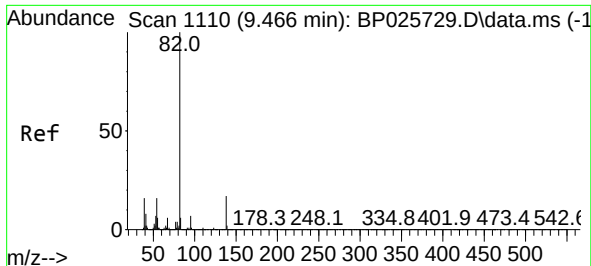
Ion Ratio Lower Upper

77 100

123 45.9 34.4 51.6

65 13.7 10.8 16.2

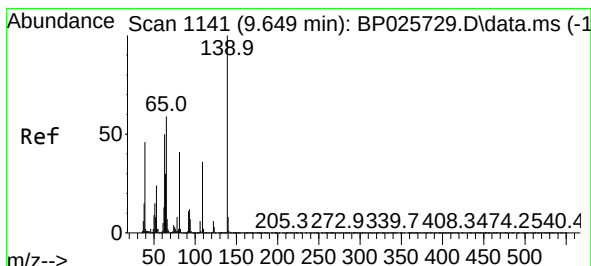
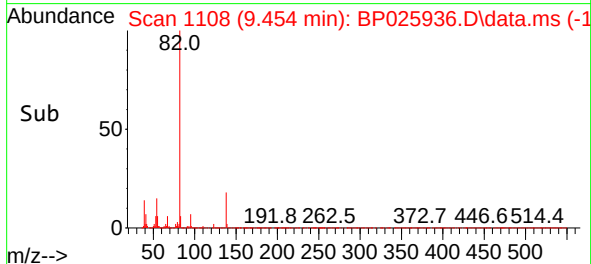
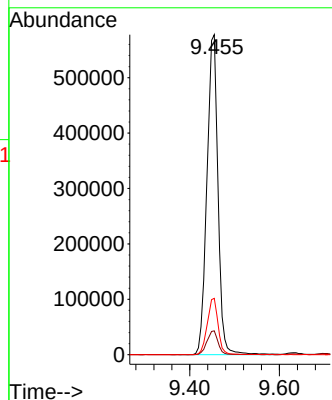
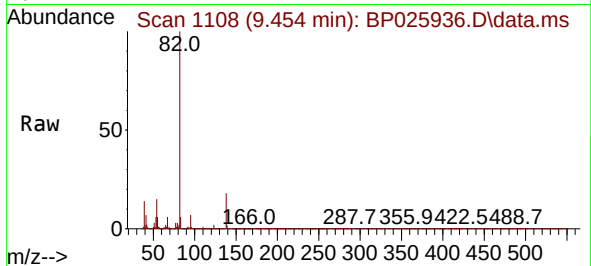




#25
Isophorone
Concen: 41.485 ng
RT: 9.454 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

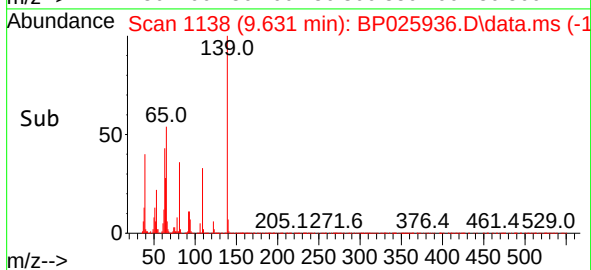
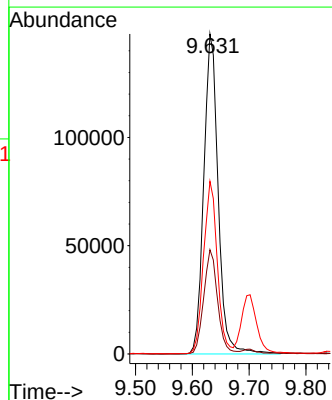
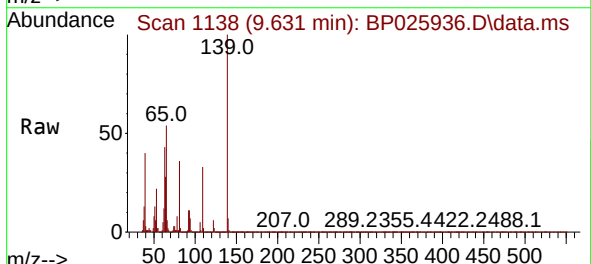
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

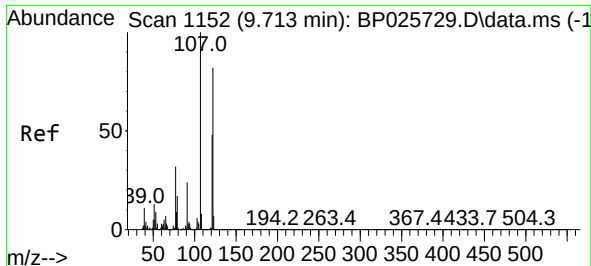
Tgt Ion: 82 Resp: 987364
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 17.6 13.5 20.3



#26
2-Nitrophenol
Concen: 48.122 ng
RT: 9.631 min Scan# 1138
Delta R.T. -0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 139 Resp: 259533
Ion Ratio Lower Upper
139 100
109 32.5 29.0 43.4
65 54.0 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 46.105 ng

RT: 9.702 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

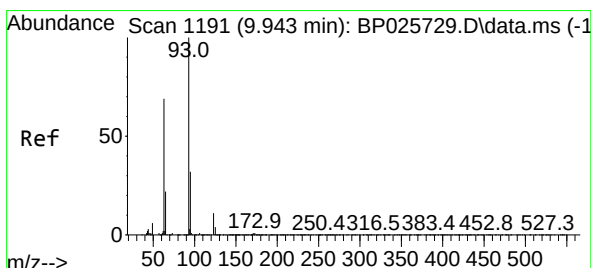
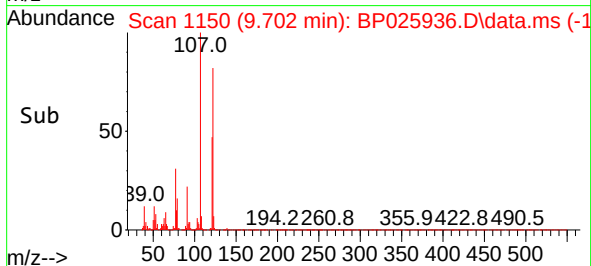
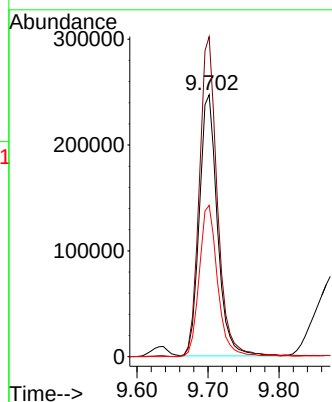
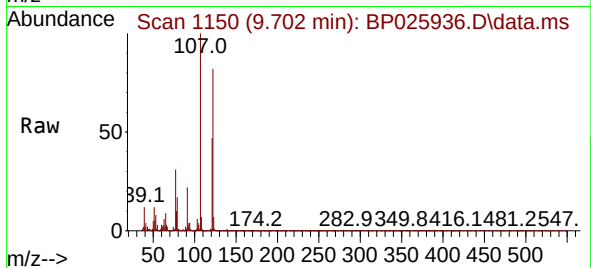
Tgt Ion:122 Resp: 436229

Ion Ratio Lower Upper

122 100

107 122.2 97.9 146.9

121 57.8 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.690 ng

RT: 9.919 min Scan# 1187

Delta R.T. -0.024 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

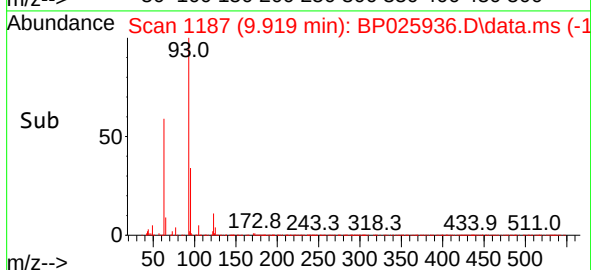
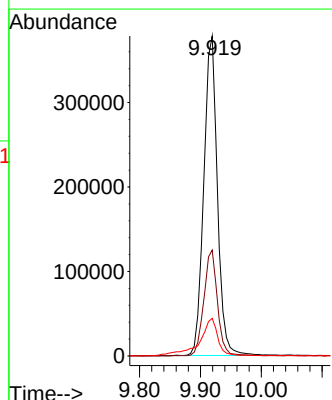
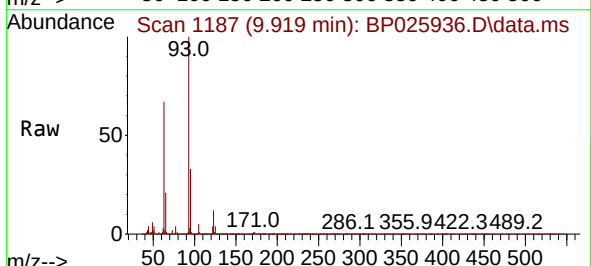
Tgt Ion: 93 Resp: 587314

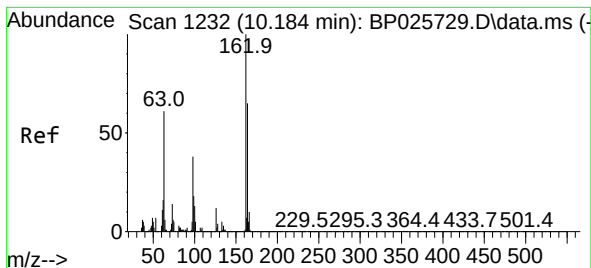
Ion Ratio Lower Upper

93 100

95 33.1 25.6 38.4

123 11.8 9.2 13.8

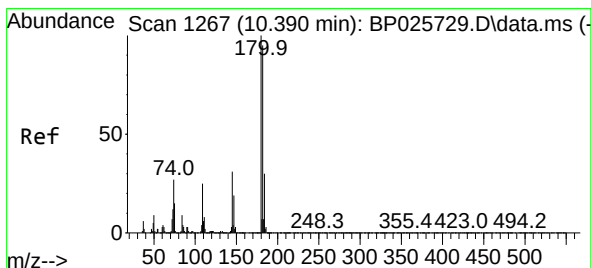
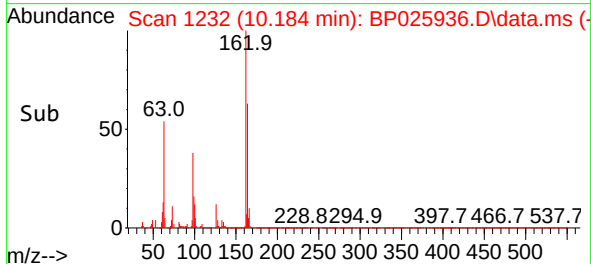
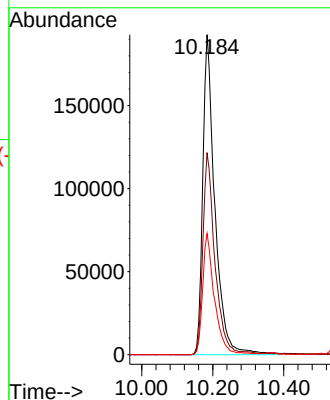
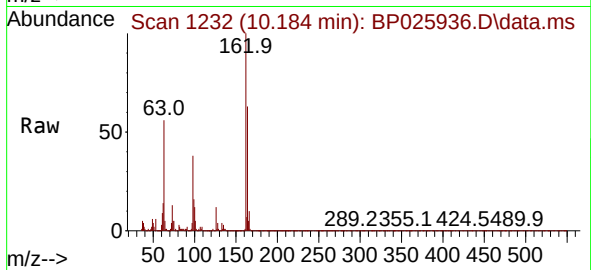




#29
2,4-Dichlorophenol
Concen: 48.461 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

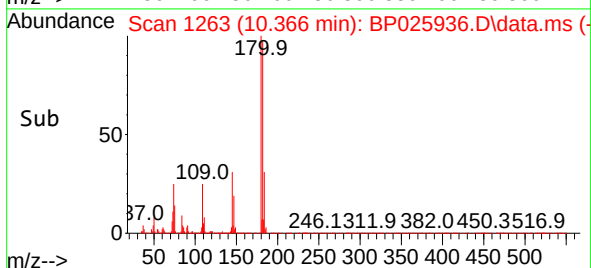
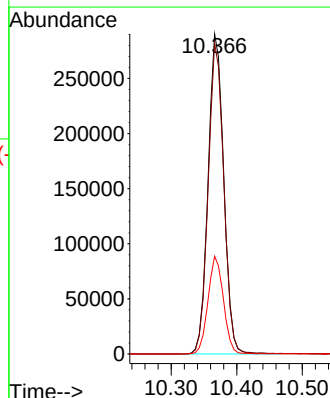
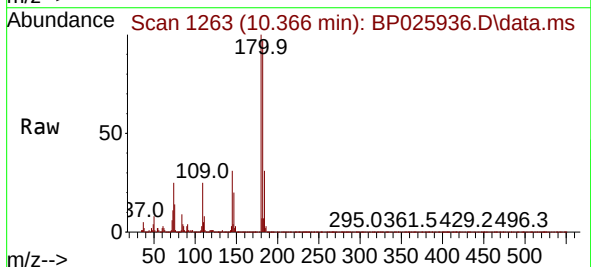
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

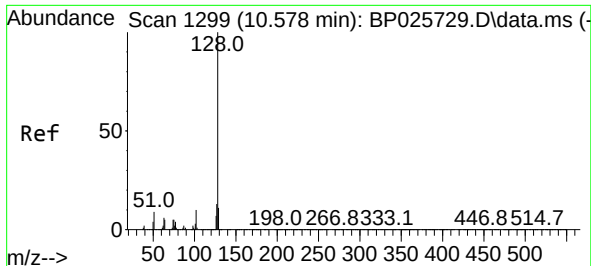
Tgt Ion:162 Resp: 457164
Ion Ratio Lower Upper
162 100
164 63.1 44.7 84.7
98 37.8 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 45.438 ng
RT: 10.366 min Scan# 1263
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:180 Resp: 483089
Ion Ratio Lower Upper
180 100
182 97.1 76.0 114.0
145 30.6 24.7 37.1

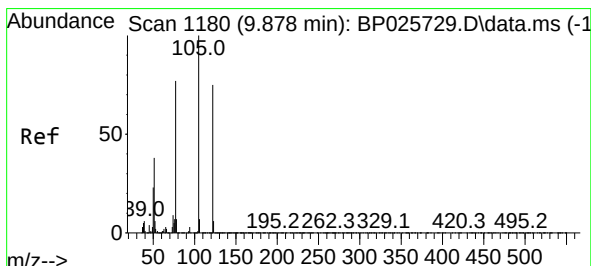
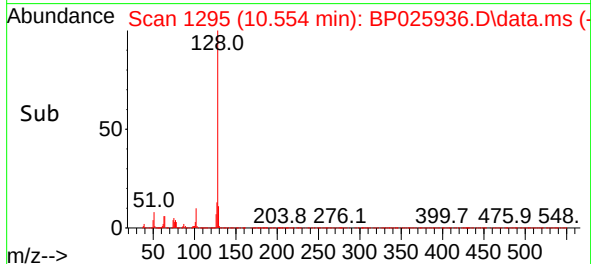
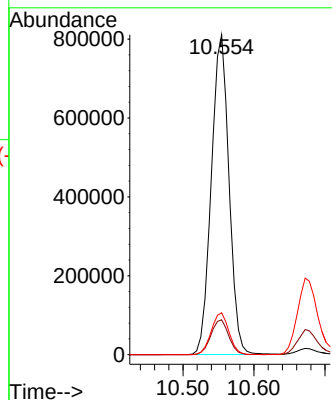
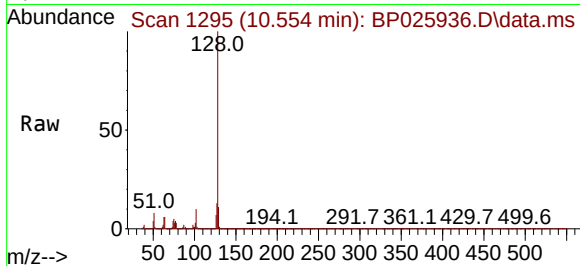




#31
Naphthalene
Concen: 43.435 ng
RT: 10.554 min Scan# 1183
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

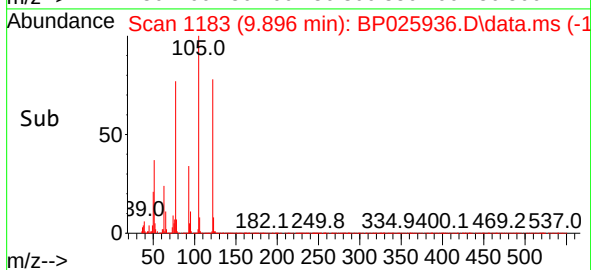
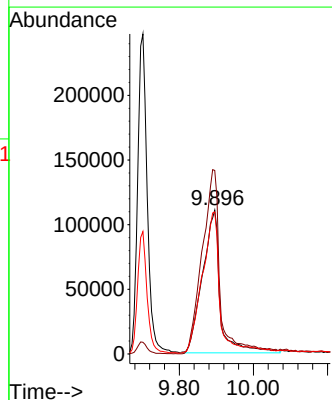
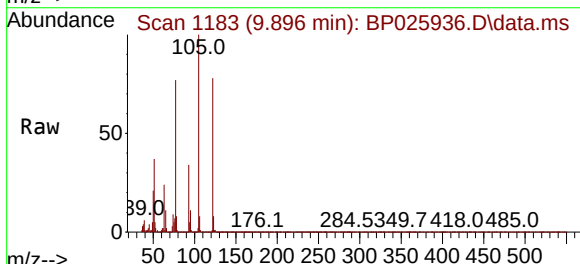
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

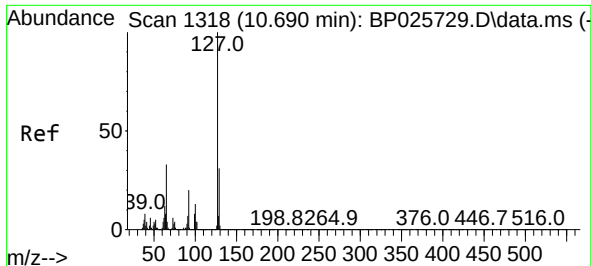
Tgt Ion:128 Resp: 1398891
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 52.514 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:122 Resp: 369409
Ion Ratio Lower Upper
122 100
105 127.6 111.5 151.5
77 98.7 81.8 121.8

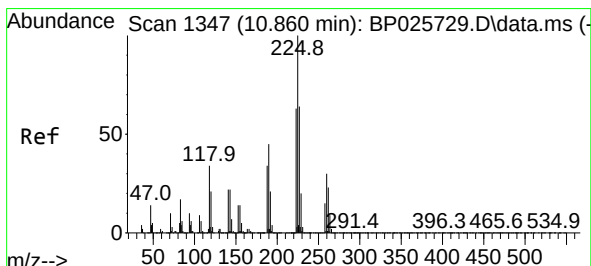
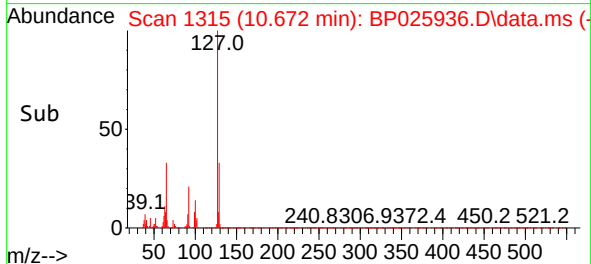
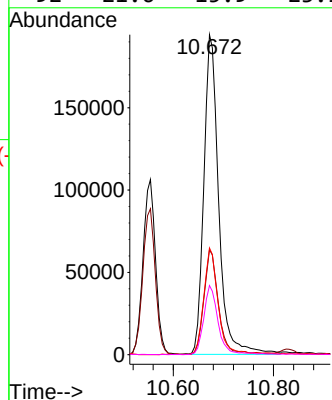
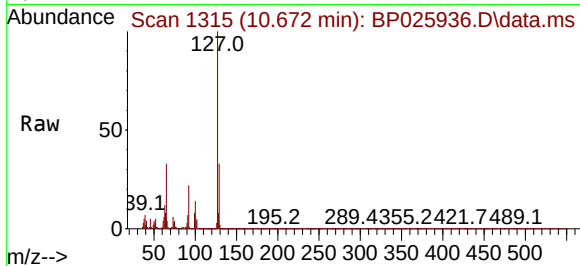




#33
4-Chloroaniline
Concen: 29.843 ng
RT: 10.672 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

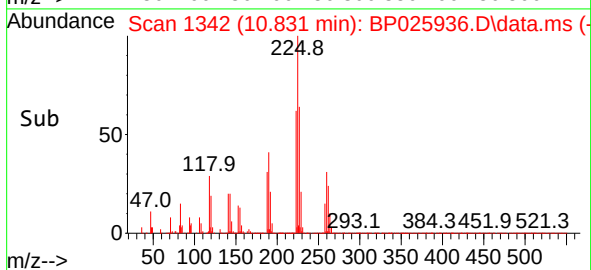
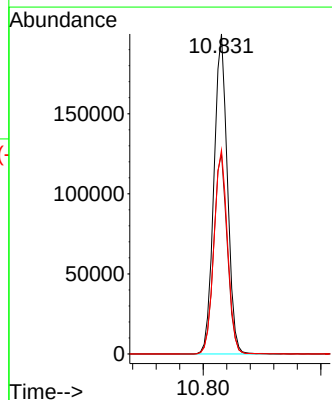
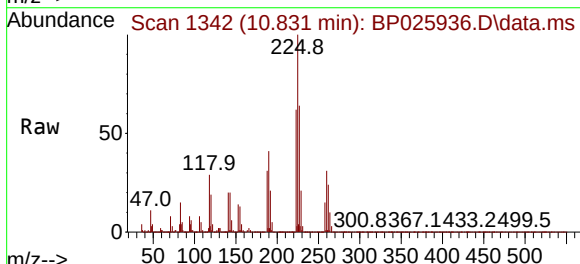
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

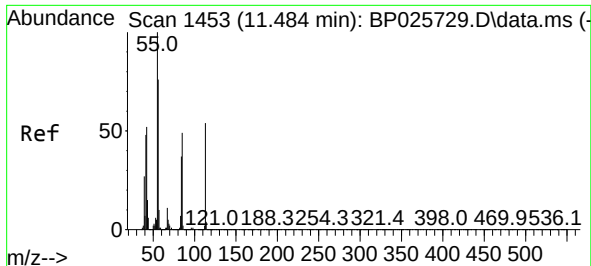
Tgt Ion:	127	Resp:	400610
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.1	37.7
65	33.3	26.4	39.6
92	21.6	15.9	23.9



#34
Hexachlorobutadiene
Concen: 46.342 ng
RT: 10.831 min Scan# 1342
Delta R.T. -0.029 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:	225	Resp:	317171
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	63.8	51.2	76.8

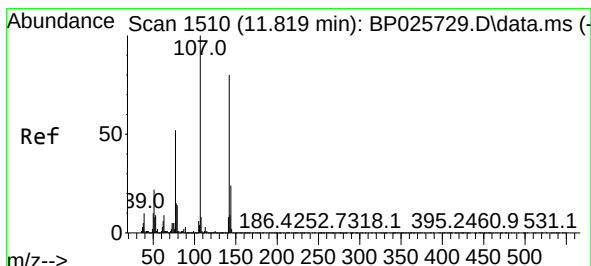
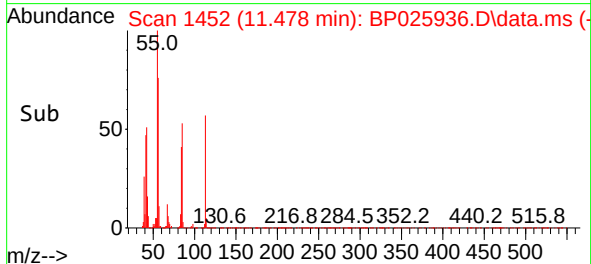
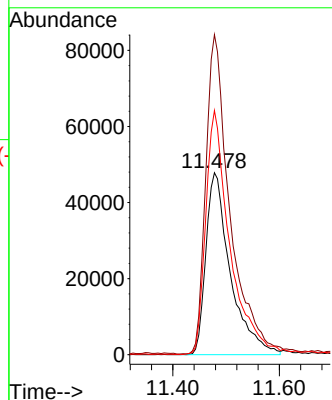
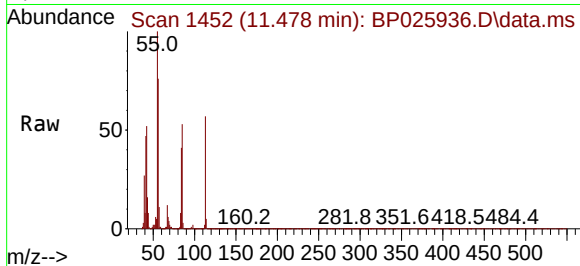




#35
Caprolactam
Concen: 41.942 ng
RT: 11.478 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

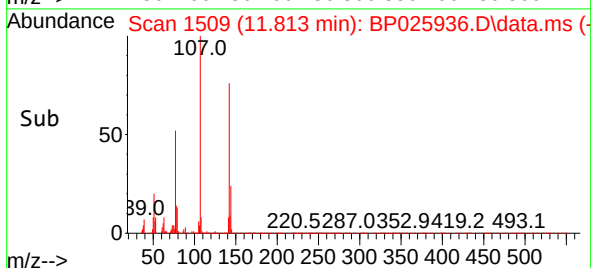
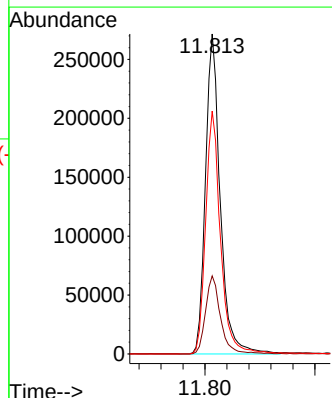
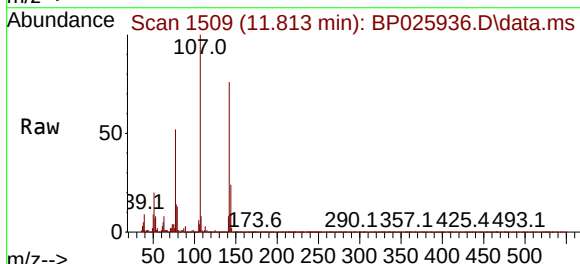
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

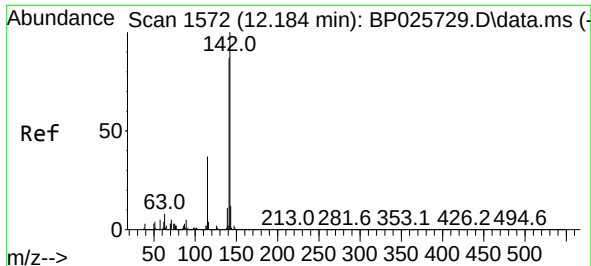
Tgt Ion:113 Resp: 152525
Ion Ratio Lower Upper
113 100
55 175.9 165.5 205.5
56 134.2 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 45.005 ng
RT: 11.813 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:107 Resp: 506174
Ion Ratio Lower Upper
107 100
144 24.4 19.4 29.2
142 75.9 63.8 95.6

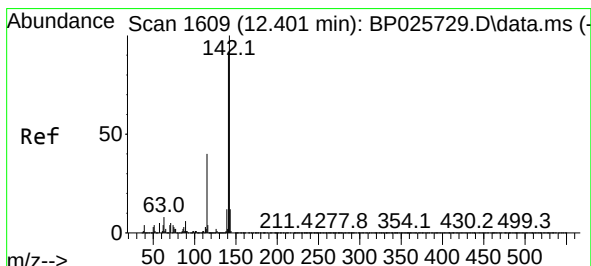
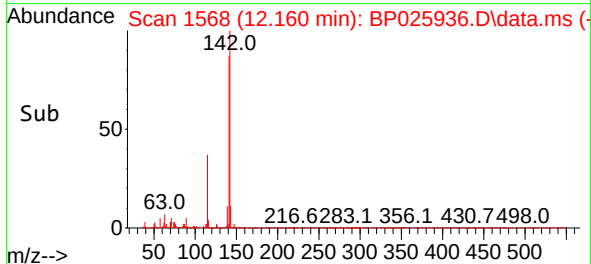
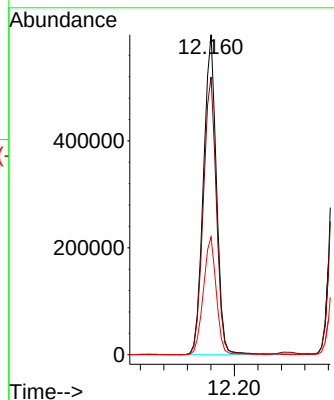
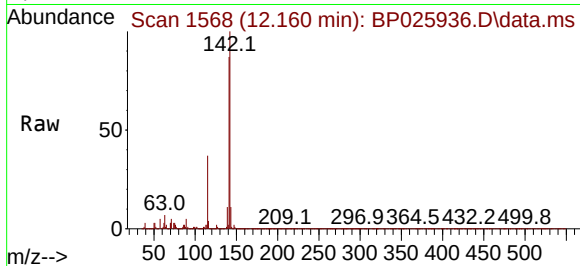




#37
2-Methylnaphthalene
Concen: 44.500 ng
RT: 12.160 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

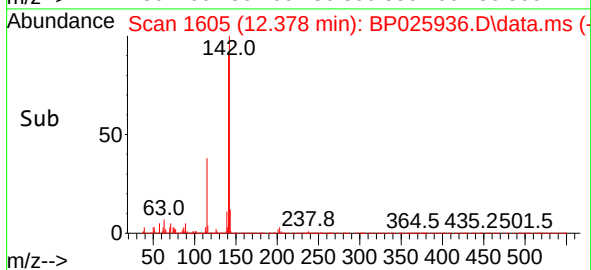
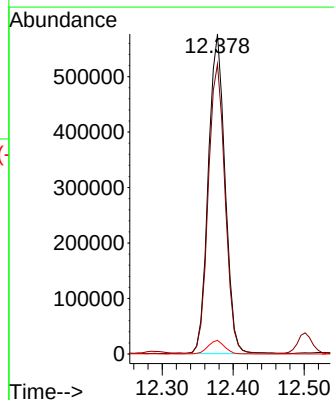
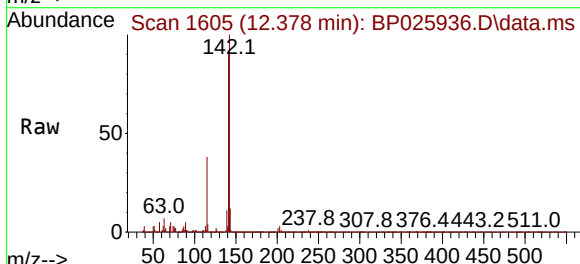
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

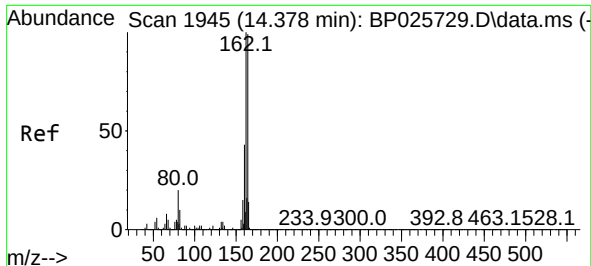
Tgt Ion:142 Resp: 920519
Ion Ratio Lower Upper
142 100
141 86.8 69.6 104.4
115 36.8 30.0 45.0



#38
1-Methylnaphthalene
Concen: 42.740 ng
RT: 12.378 min Scan# 1605
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:142 Resp: 942791
Ion Ratio Lower Upper
142 100
141 90.6 72.7 109.1
116 4.2 3.5 5.3

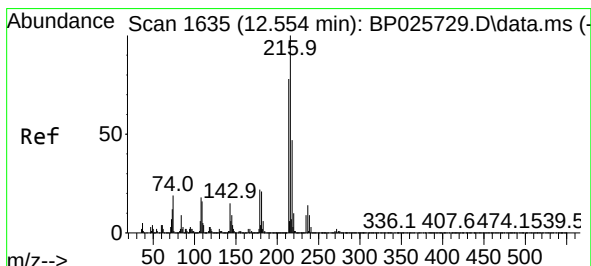
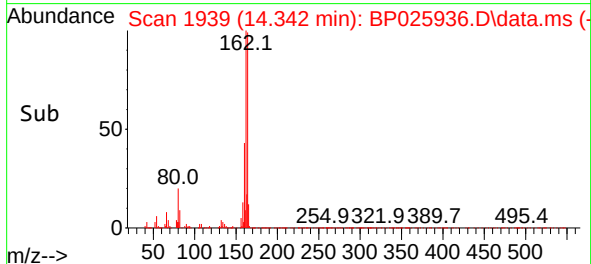
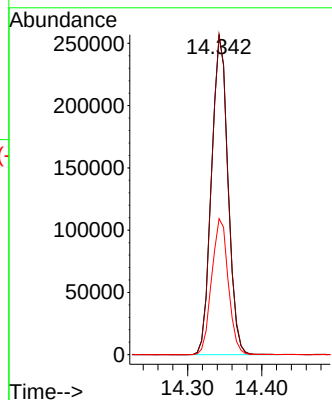
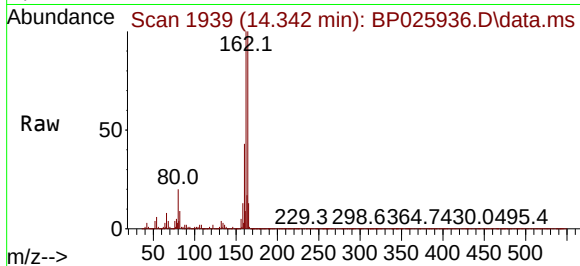




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.342 min Scan# 1945
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

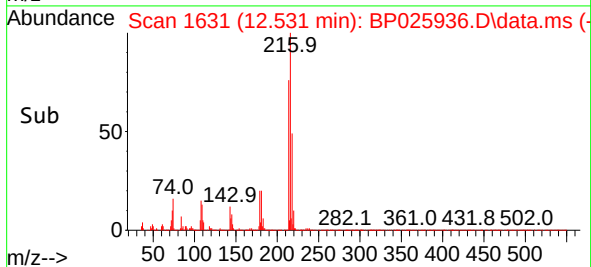
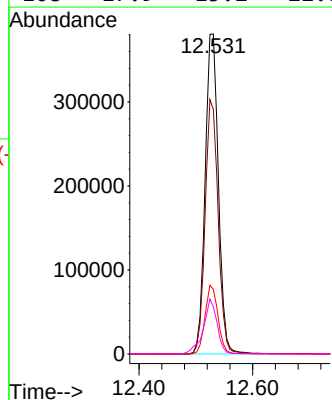
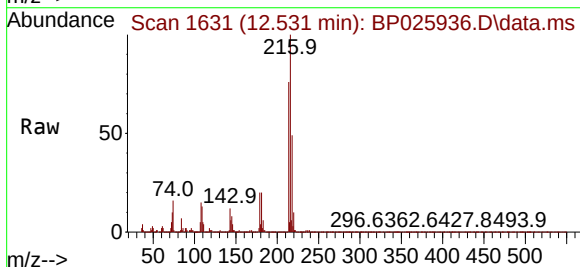
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

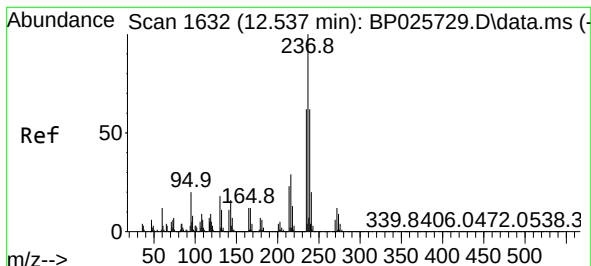
Tgt Ion:164 Resp: 396048
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 42.7 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.300 ng
RT: 12.531 min Scan# 1631
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:216 Resp: 615663
Ion Ratio Lower Upper
216 100
214 78.1 62.4 93.6
179 21.0 17.0 25.6
108 17.9 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 70.825 ng

RT: 12.501 min Scan# 1

Delta R.T. -0.035 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

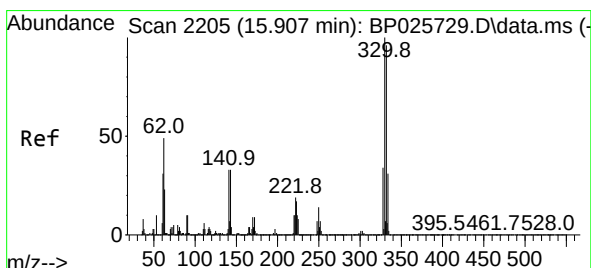
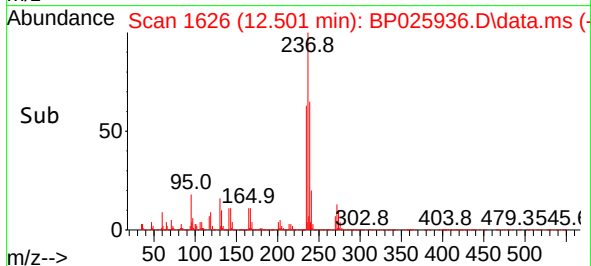
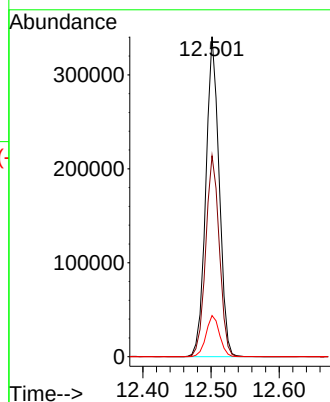
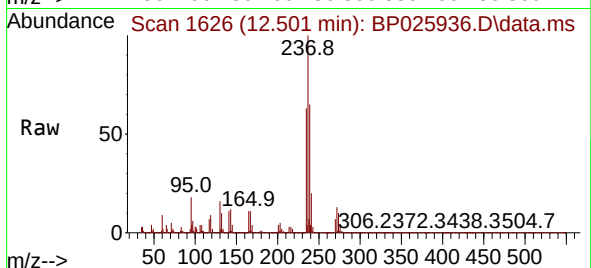
Tgt Ion:237 Resp: 462938

Ion Ratio Lower Upper

237 100

235 62.8 41.9 81.9

272 12.8 0.0 31.8



#42

2,4,6-Tribromophenol

Concen: 65.847 ng

RT: 15.860 min Scan# 2197

Delta R.T. -0.047 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

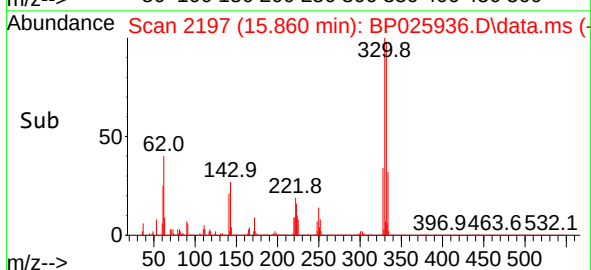
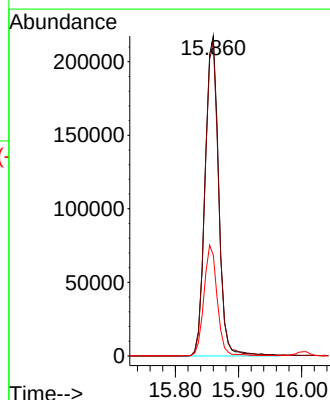
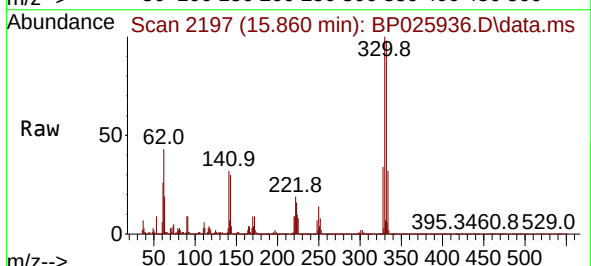
Tgt Ion:330 Resp: 325277

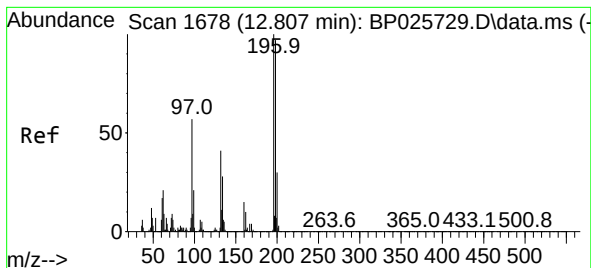
Ion Ratio Lower Upper

330 100

332 98.4 76.9 115.3

141 33.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 47.341 ng

RT: 12.784 min Scan# 1

Delta R.T. -0.024 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

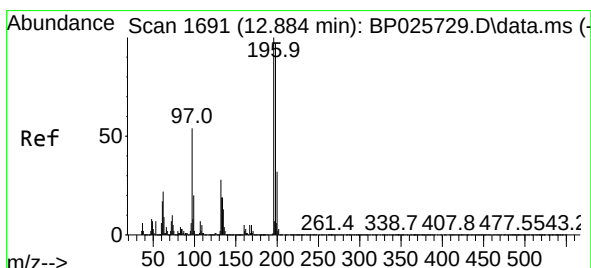
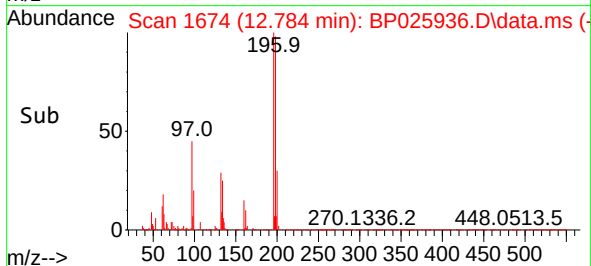
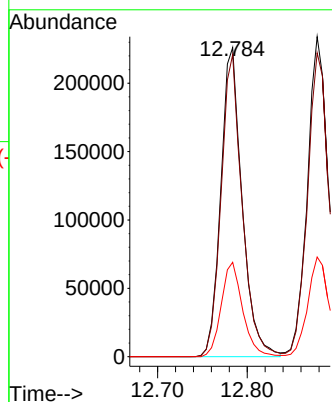
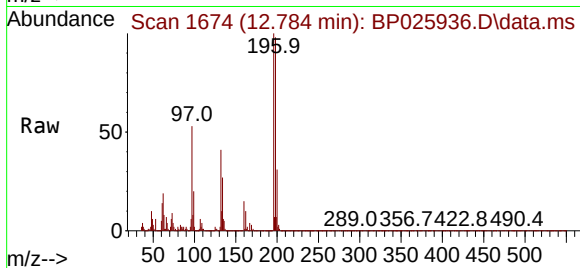
Tgt Ion:196 Resp: 373504

Ion Ratio Lower Upper

196 100

198 97.7 77.2 115.8

200 30.5 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 47.483 ng

RT: 12.878 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Tgt Ion:196 Resp: 416934

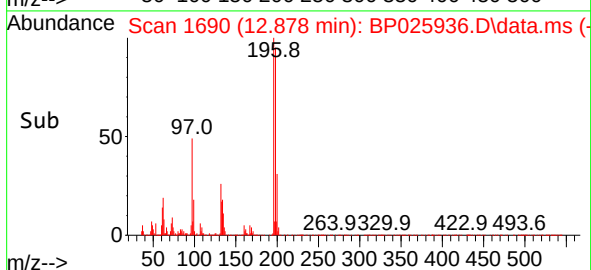
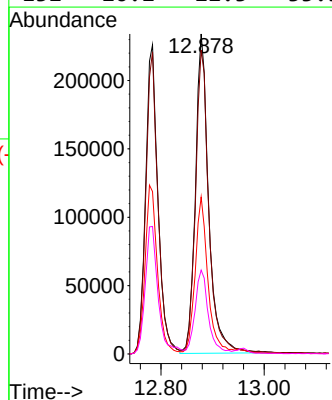
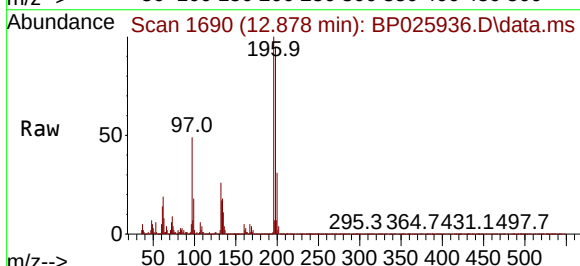
Ion Ratio Lower Upper

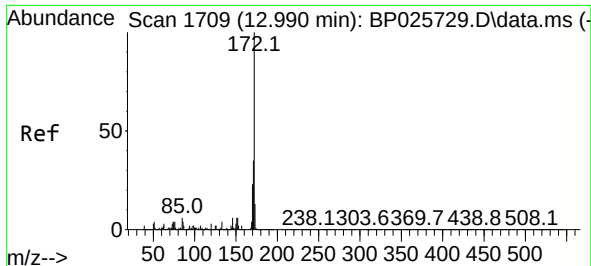
196 100

198 94.9 77.8 116.8

97 49.1 43.3 64.9

132 26.2 22.3 33.5

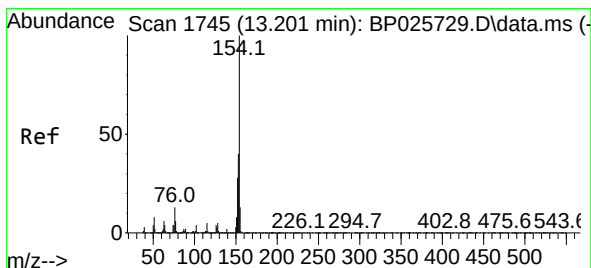
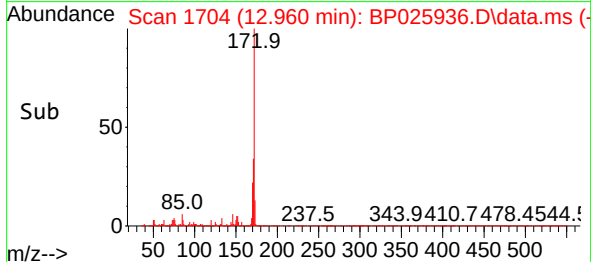
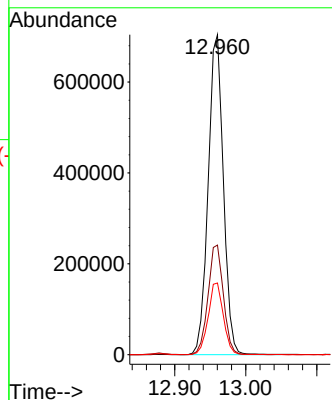
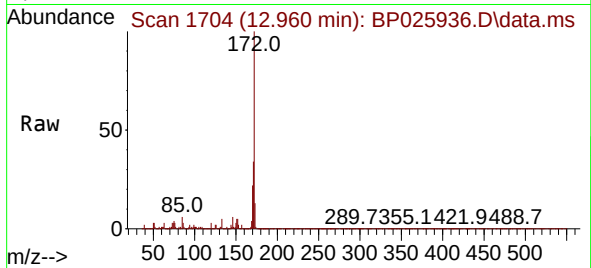




#45
2-Fluorobiphenyl
Concen: 35.227 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.029 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

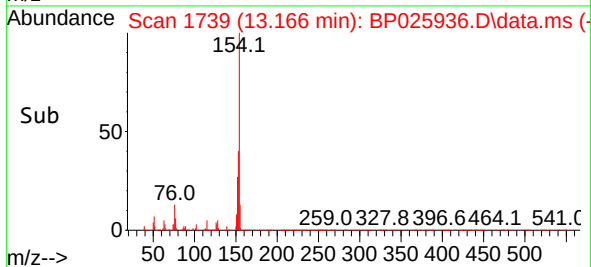
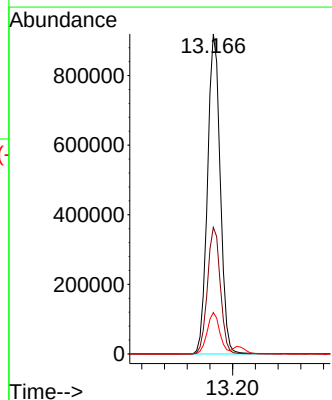
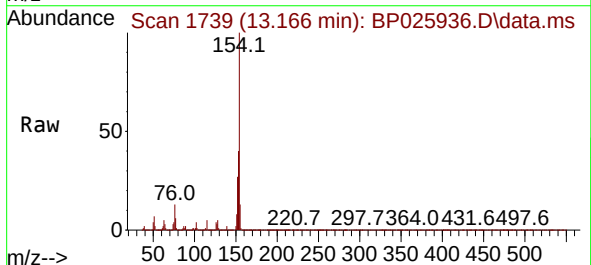
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

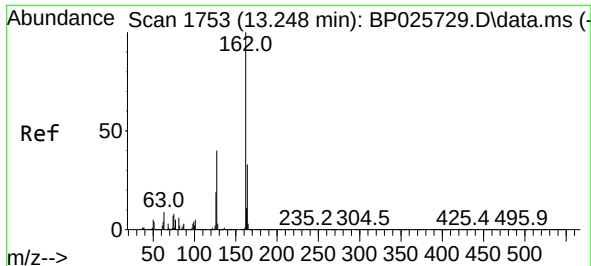
Tgt Ion:172 Resp: 1047798
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 49.004 ng
RT: 13.166 min Scan# 1739
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:154 Resp: 1424546
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 13.0 0.0 33.3

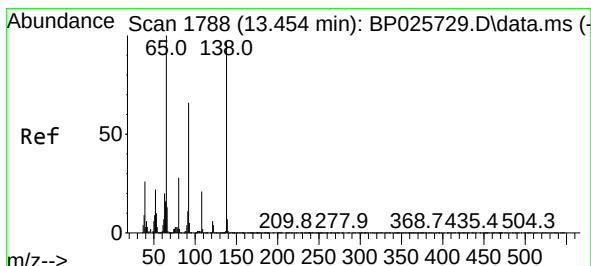
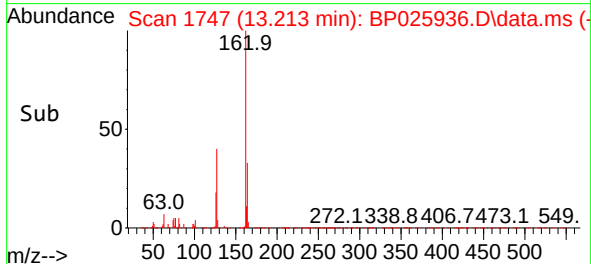
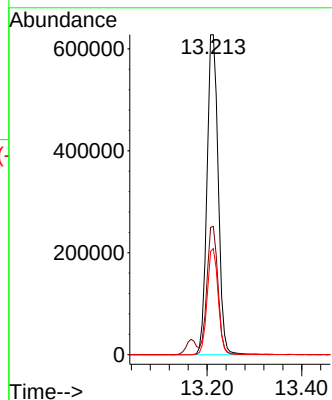
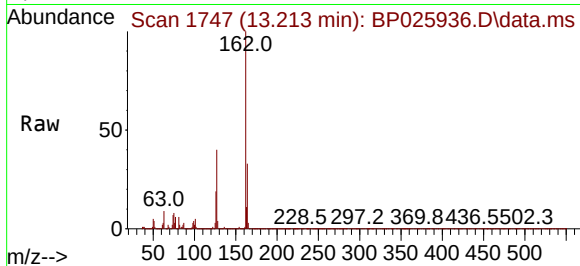




#47
2-Chloronaphthalene
Concen: 45.006 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

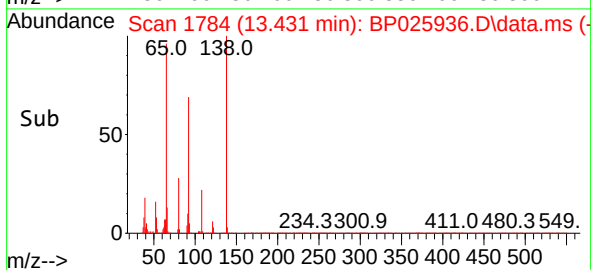
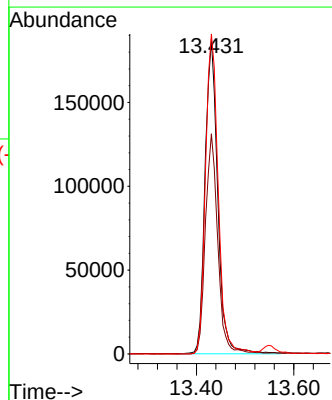
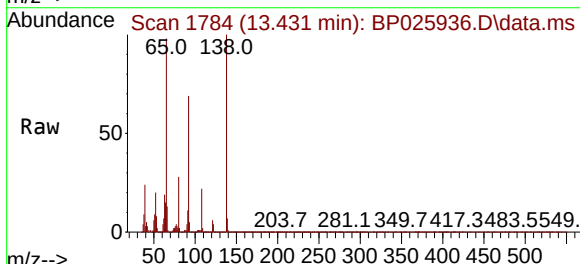
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

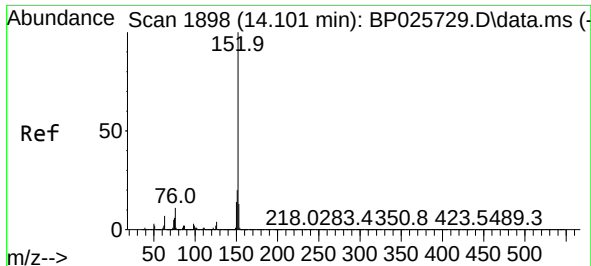
Tgt Ion:162 Resp: 1030182
Ion Ratio Lower Upper
162 100
127 40.1 32.2 48.4
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 44.101 ng
RT: 13.431 min Scan# 1784
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 65 Resp: 336501
Ion Ratio Lower Upper
65 100
92 70.0 53.1 79.7
138 101.7 77.8 116.8

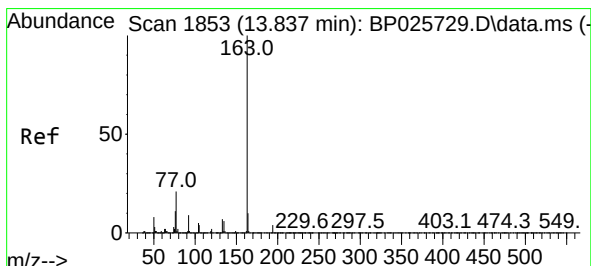
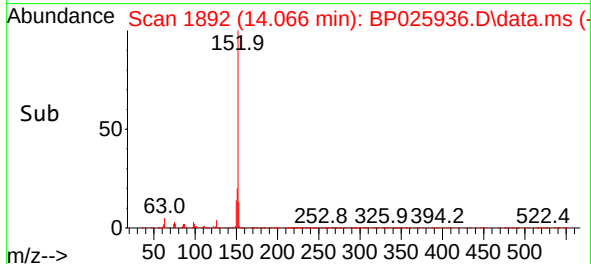
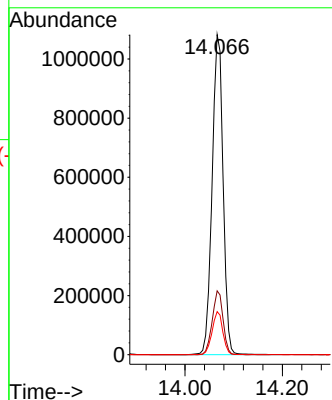
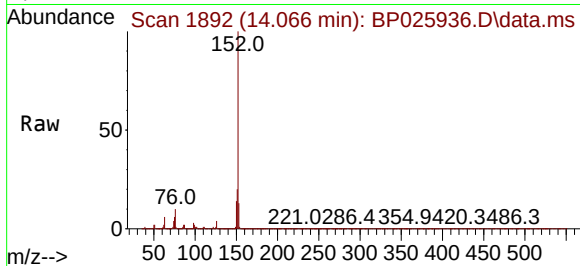




#49
Acenaphthylene
Concen: 44.407 ng
RT: 14.066 min Scan# 1892
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

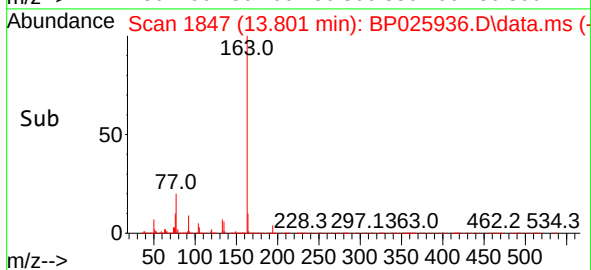
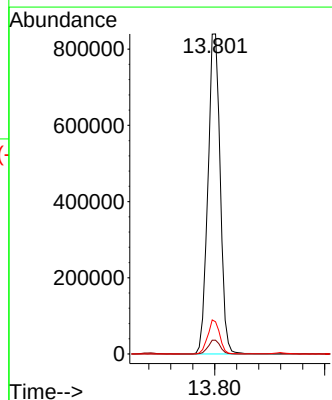
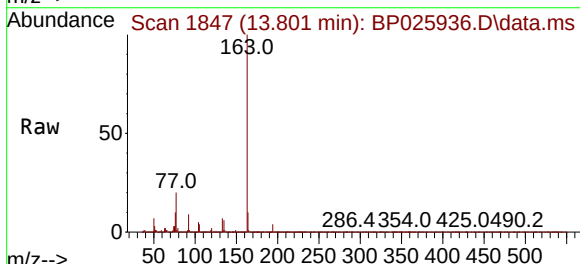
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

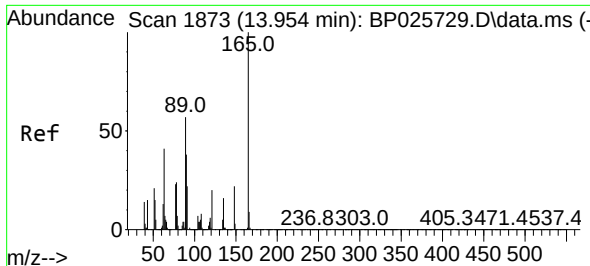
Tgt Ion:152 Resp: 1684166
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.4 10.5 15.7



#50
Dimethylphthalate
Concen: 42.932 ng
RT: 13.801 min Scan# 1847
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:163 Resp: 1298148
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.2 12.2

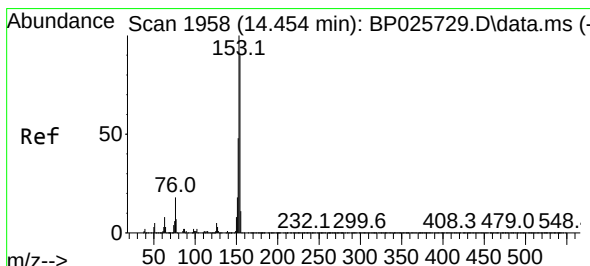
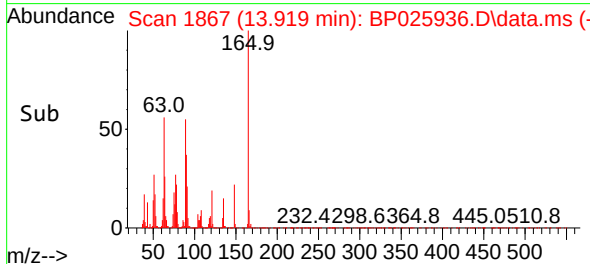
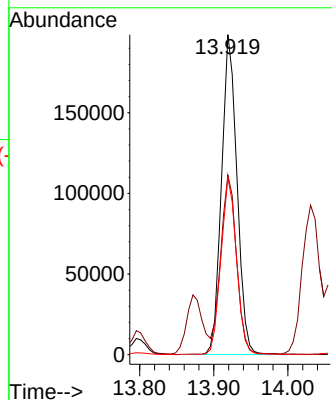
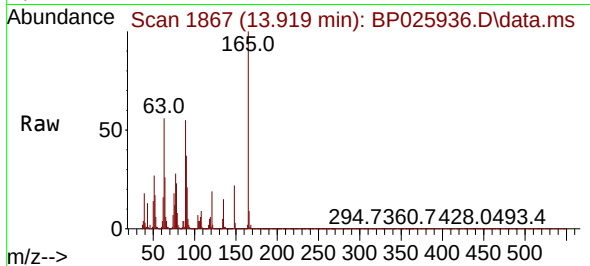




#51
2,6-Dinitrotoluene
Concen: 44.903 ng
RT: 13.919 min Scan# 1867
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

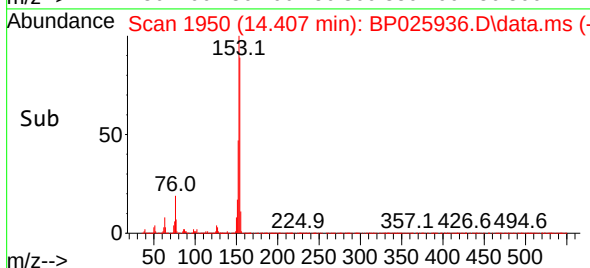
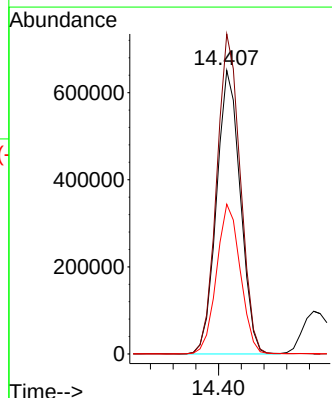
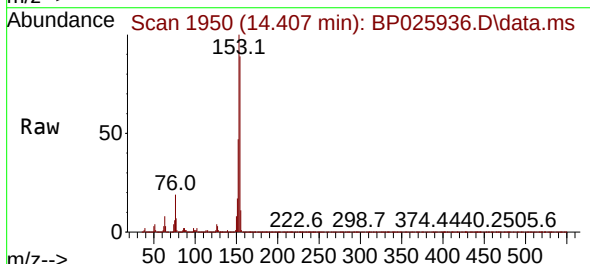
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

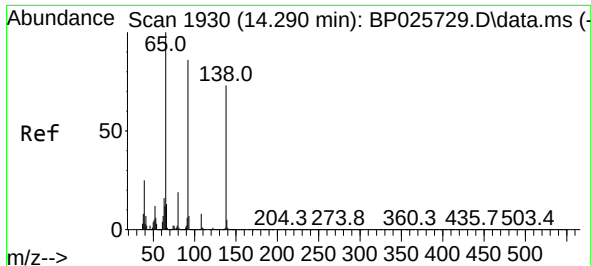
Tgt Ion:165 Resp: 287657
Ion Ratio Lower Upper
165 100
63 56.2 48.1 72.1
89 55.4 45.4 68.0



#52
Acenaphthene
Concen: 43.318 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:154 Resp: 947425
Ion Ratio Lower Upper
154 100
153 112.8 89.4 134.0
152 52.8 42.5 63.7

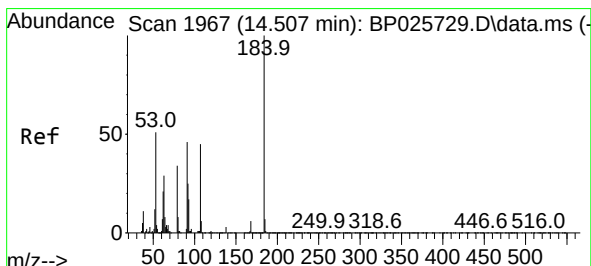
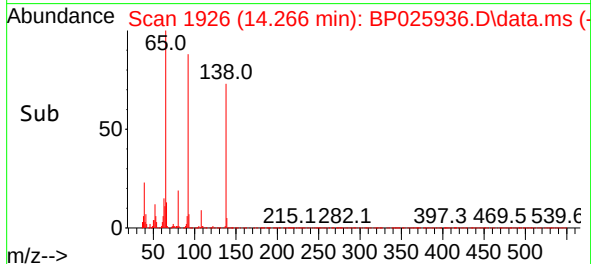
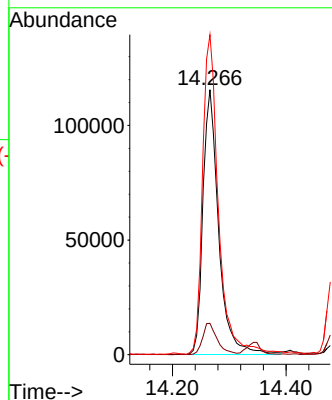
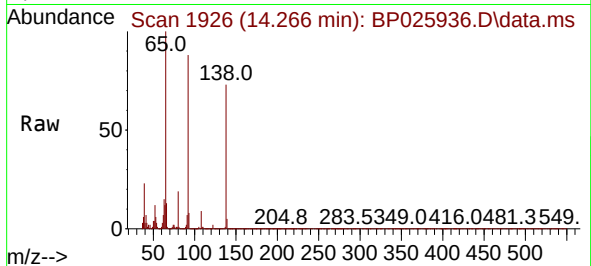




#53
3-Nitroaniline
Concen: 32.946 ng
RT: 14.266 min Scan# 1930
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

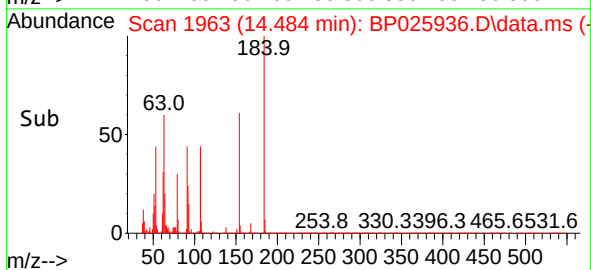
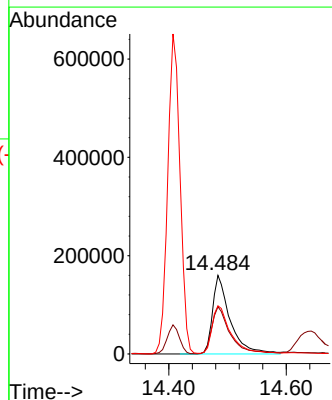
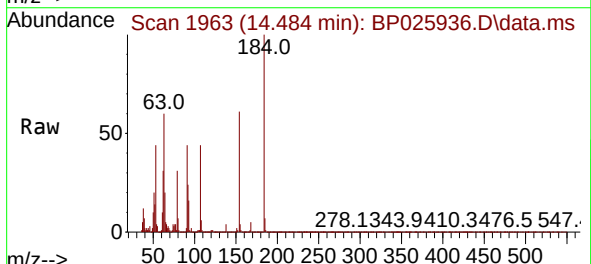
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

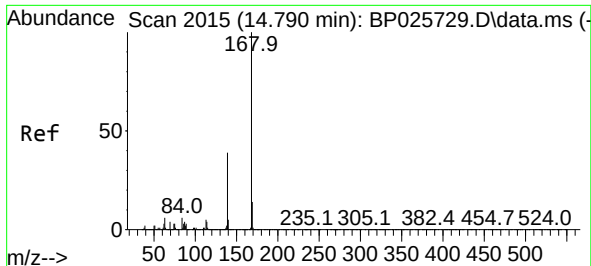
Tgt Ion:138 Resp: 221945
Ion Ratio Lower Upper
138 100
108 11.8 8.7 13.1
92 120.8 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 79.271 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.023 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:184 Resp: 329980
Ion Ratio Lower Upper
184 100
63 60.1 52.5 78.7
154 61.3 51.5 77.3

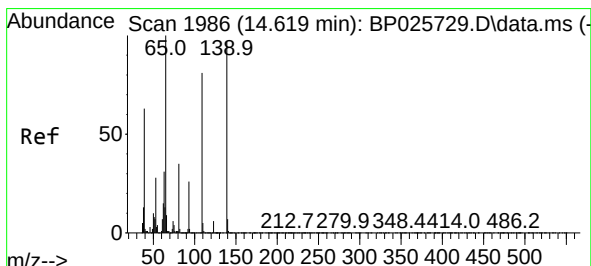
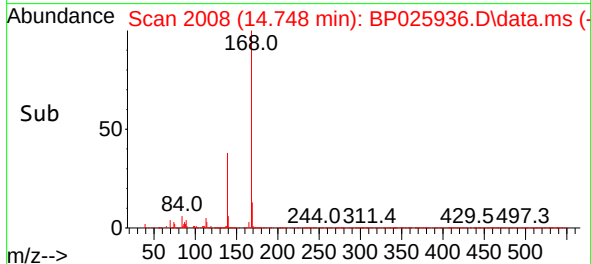
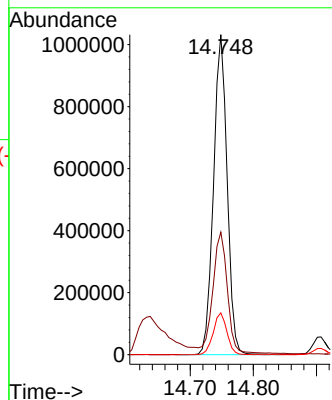
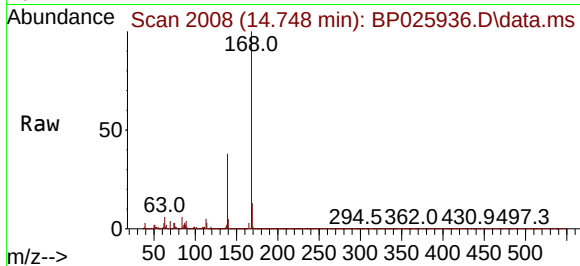




#55
Dibenzofuran
Concen: 43.193 ng
RT: 14.748 min Scan# 2015
Delta R.T. -0.041 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

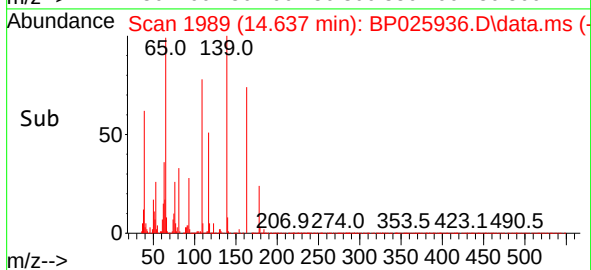
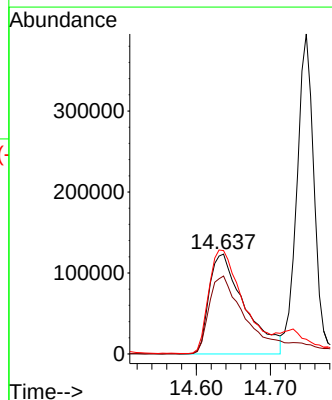
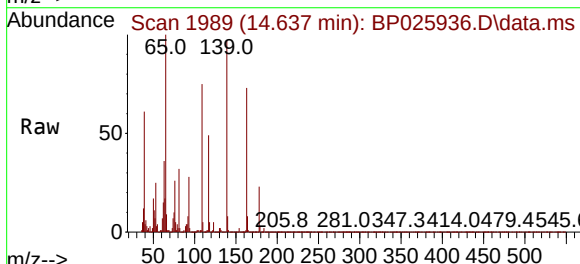
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

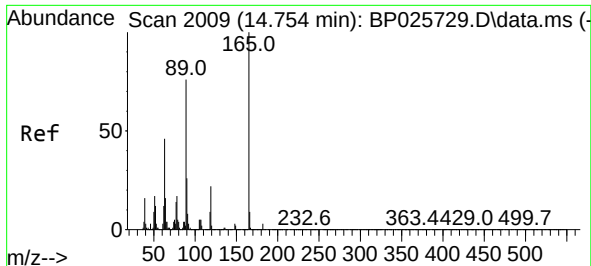
Tgt Ion:168 Resp: 1539669
Ion Ratio Lower Upper
168 100
139 38.3 31.7 47.5
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 71.448 ng
RT: 14.637 min Scan# 1989
Delta R.T. 0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:139 Resp: 411551
Ion Ratio Lower Upper
139 100
109 78.0 62.9 102.9
65 103.4 83.4 123.4

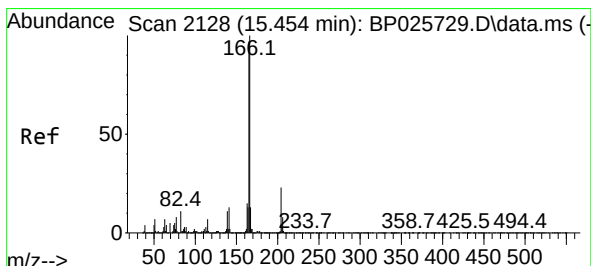
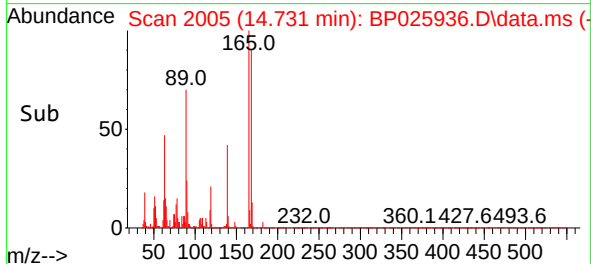
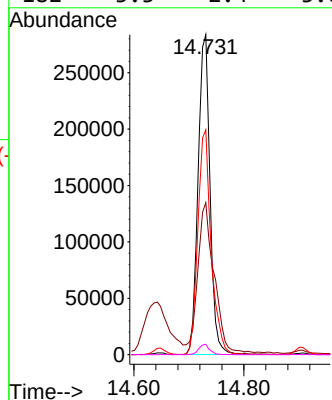
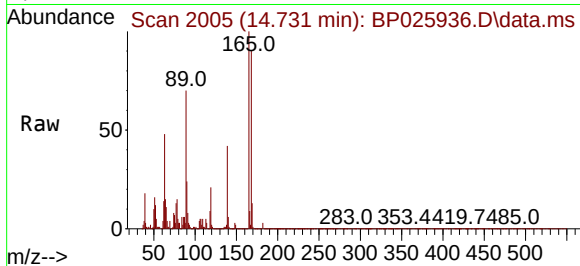




#57
2,4-Dinitrotoluene
Concen: 47.012 ng
RT: 14.731 min Scan# 2005
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

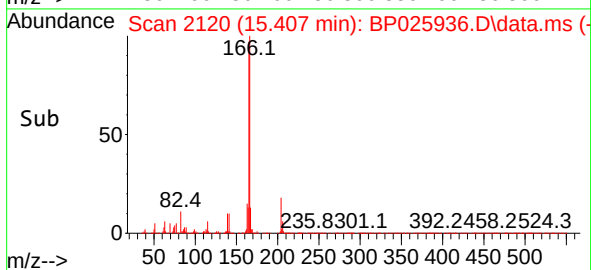
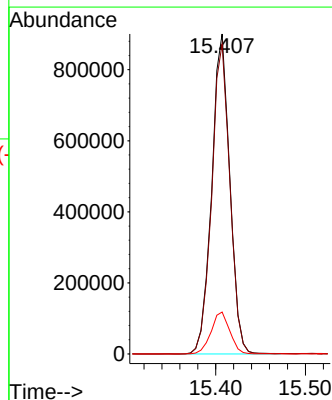
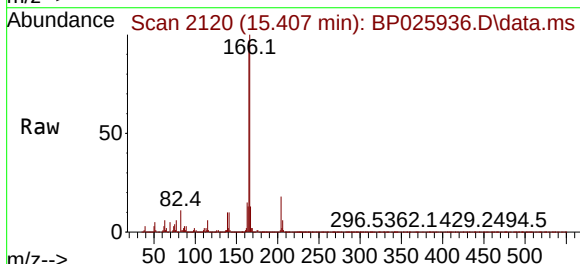
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

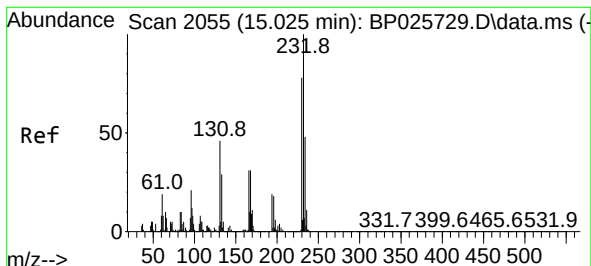
Tgt Ion:165 Resp: 428603
Ion Ratio Lower Upper
165 100
63 47.5 37.7 56.5
89 70.3 61.0 91.6
182 3.3 2.4 3.6



#58
Fluorene
Concen: 44.466 ng
RT: 15.407 min Scan# 2120
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:166 Resp: 1260416
Ion Ratio Lower Upper
166 100
165 96.8 77.7 116.5
167 13.1 10.6 16.0



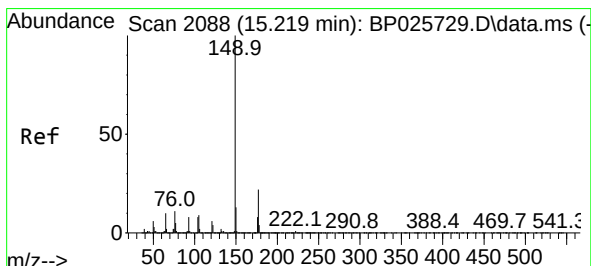
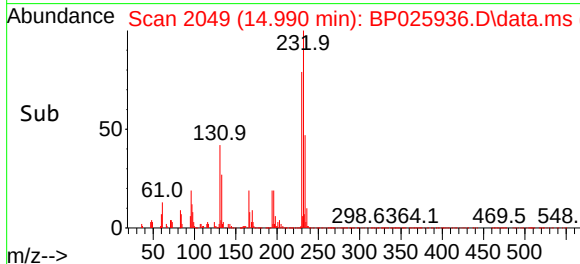
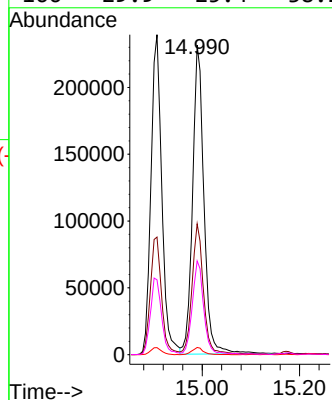
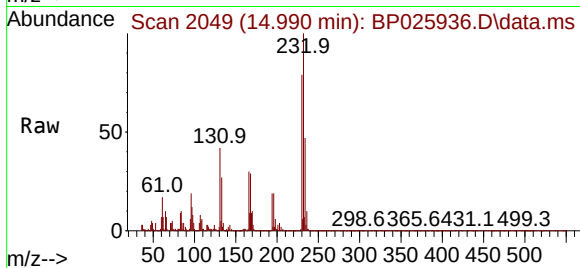


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.700 ng
RT: 14.990 min Scan# 2055
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Instrument :
BNA_P
ClientSampleId :
72-11966MSD

Tgt Ion:232 Resp: 377295

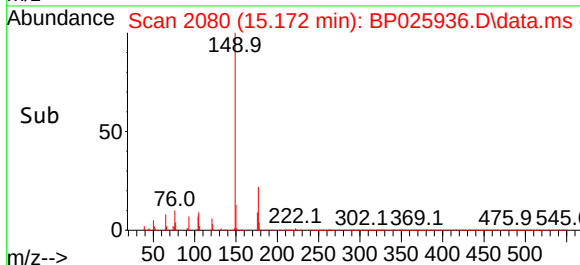
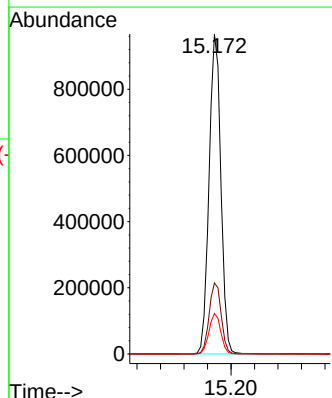
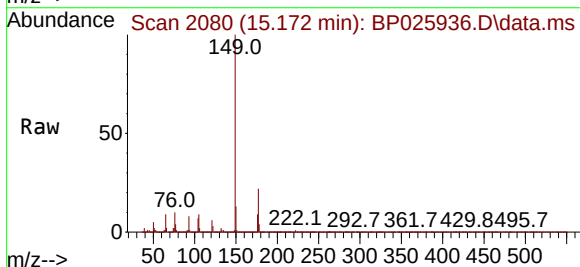
Ion	Ratio	Lower	Upper
232	100		
131	42.3	36.7	55.1
130	2.3	2.0	3.0
166	29.9	25.4	38.2

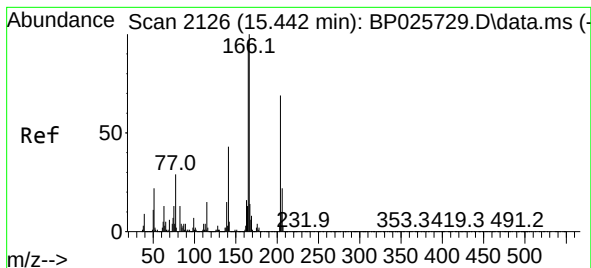


#60
Diethylphthalate
Concen: 43.896 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:149 Resp: 1346346

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.7	26.5
150	12.6	10.0	15.0

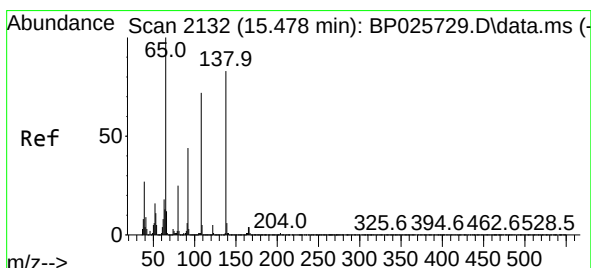
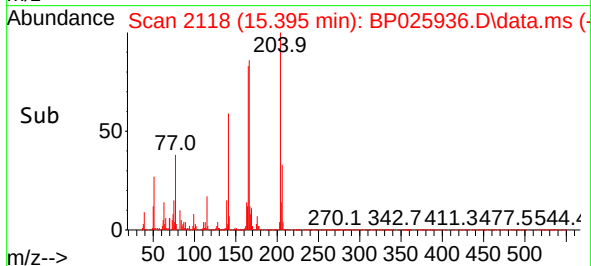
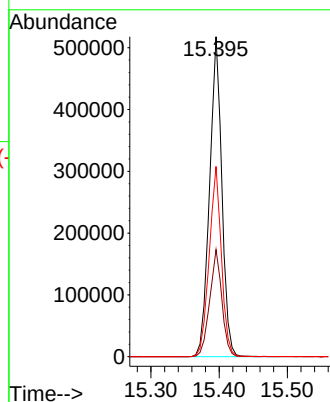
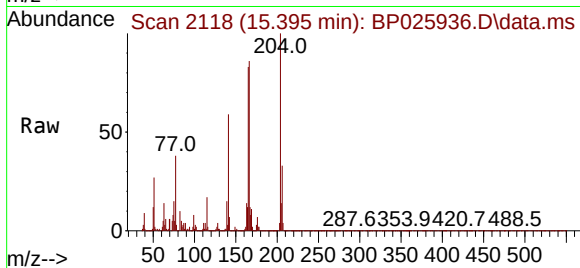




#61
4-Chlorophenyl-phenylether
Concen: 45.408 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

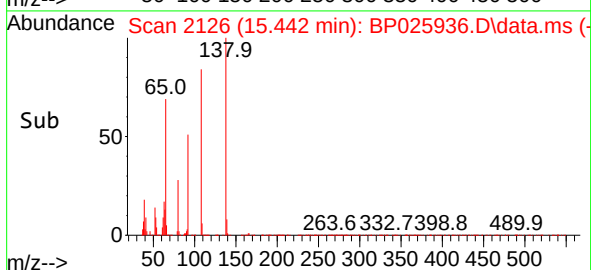
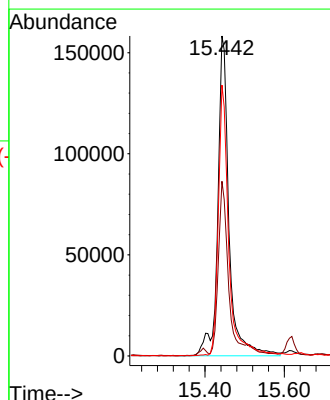
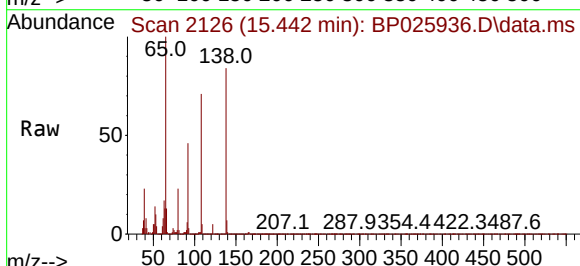
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

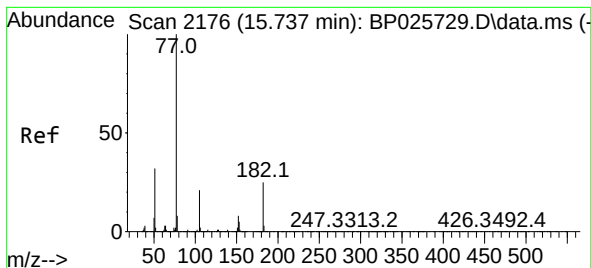
Tgt Ion:204 Resp: 648675
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 59.4 49.7 74.5



#62
4-Nitroaniline
Concen: 44.932 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:138 Resp: 310095
Ion Ratio Lower Upper
138 100
92 54.6 33.3 73.3
108 84.6 66.7 106.7





#63

Azobenzene

Concen: 45.178 ng

RT: 15.695 min Scan# 2176

Delta R.T. -0.041 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

Tgt Ion: 77 Resp: 1339837

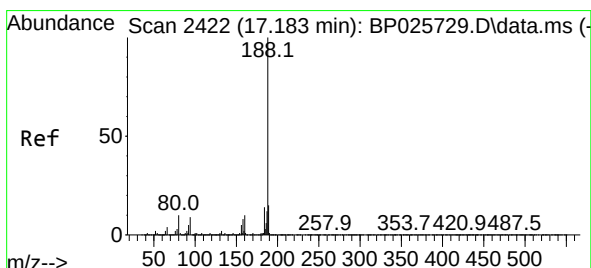
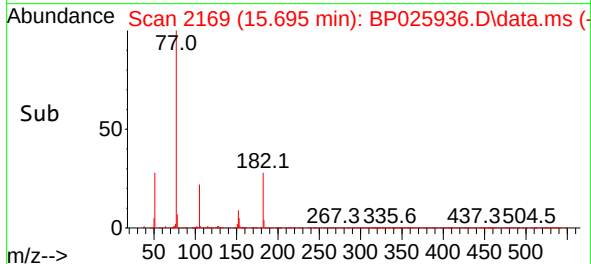
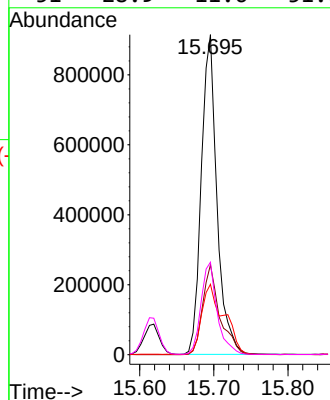
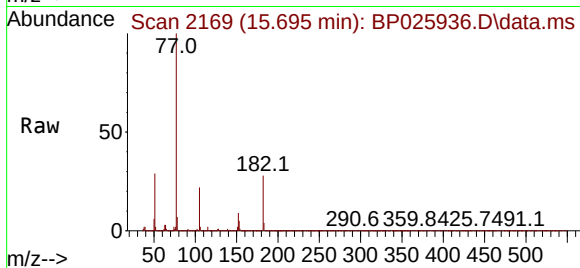
Ion Ratio Lower Upper

77 100

182 28.1 5.2 45.2

105 22.0 1.1 41.1

51 28.9 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.136 min Scan# 2414

Delta R.T. -0.047 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

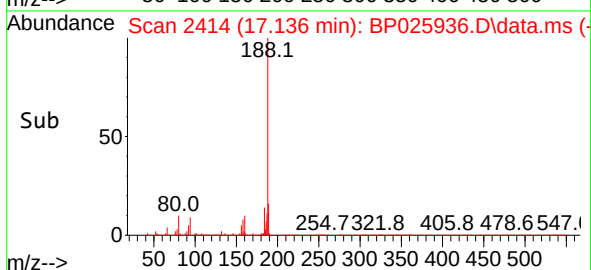
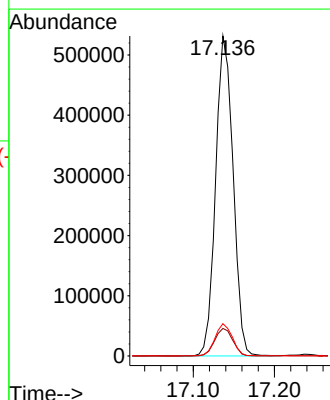
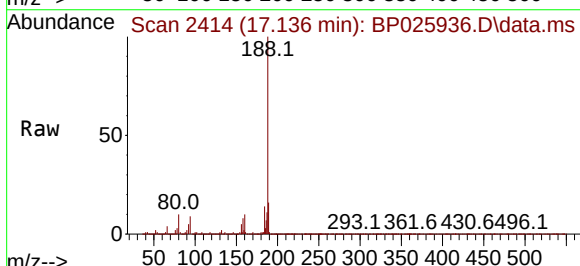
Tgt Ion:188 Resp: 796318

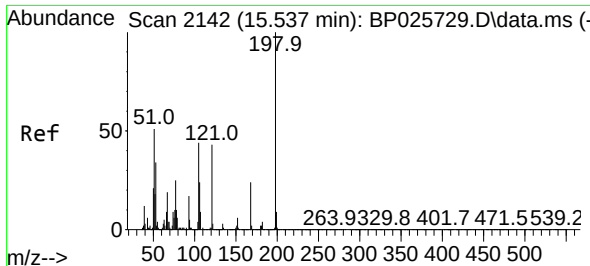
Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.0

80 10.1 7.7 11.5

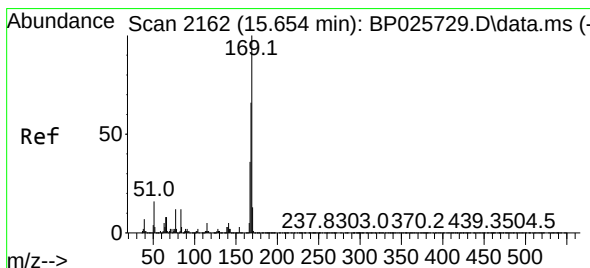
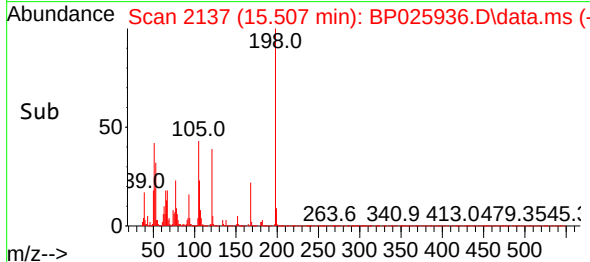
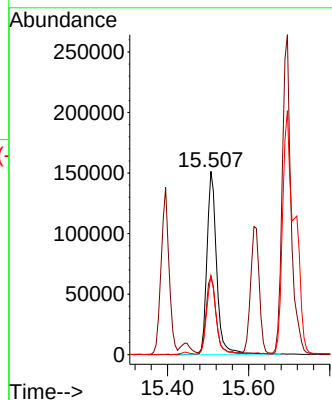
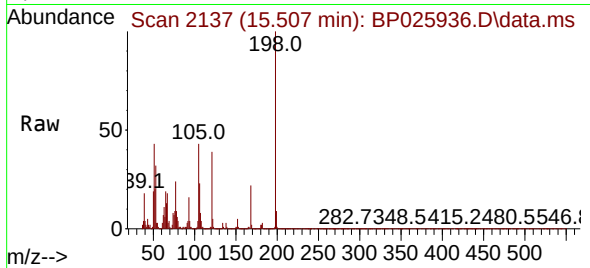




#65
4,6-Dinitro-2-methylphenol
Concen: 47.446 ng
RT: 15.507 min Scan# 2142
Delta R.T. -0.029 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

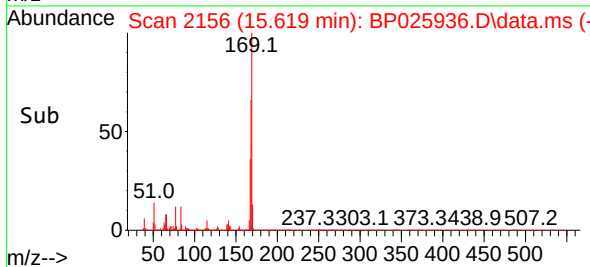
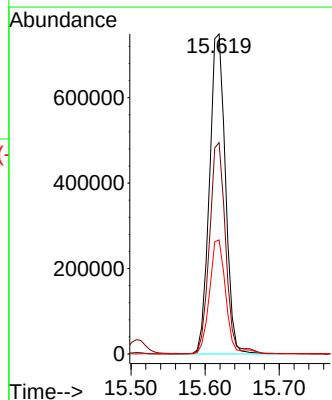
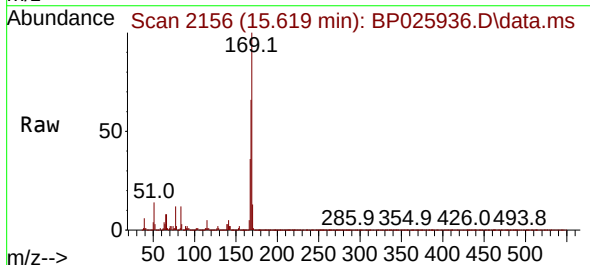
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

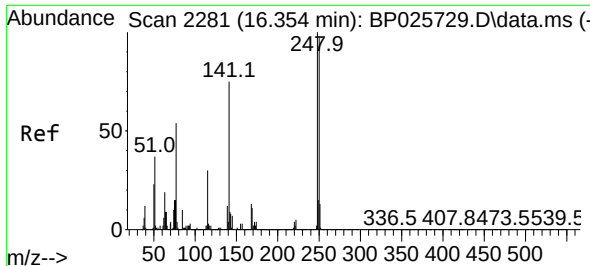
Tgt Ion:198 Resp: 251262
Ion Ratio Lower Upper
198 100
51 42.6 33.4 73.4
105 43.1 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 45.894 ng
RT: 15.619 min Scan# 2156
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:169 Resp: 1118395
Ion Ratio Lower Upper
169 100
168 66.0 52.6 78.8
167 35.7 28.5 42.7

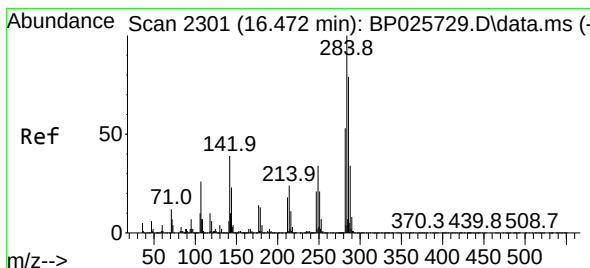
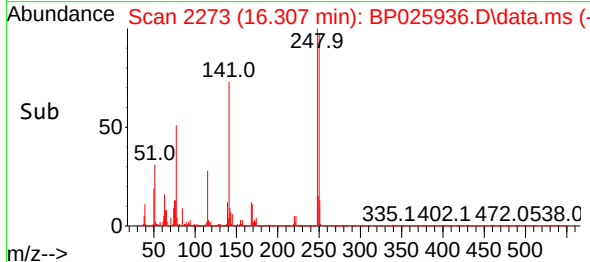
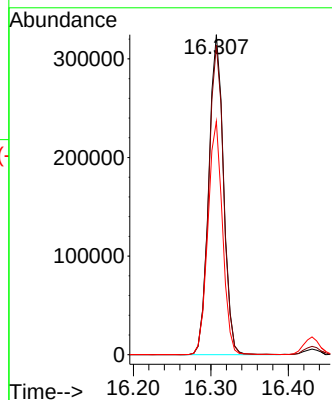
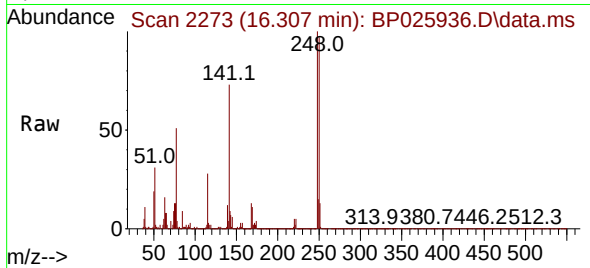




#67
4-Bromophenyl-phenylether
Concen: 49.034 ng
RT: 16.307 min Scan# 21
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

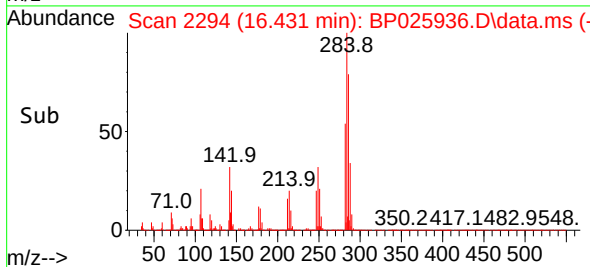
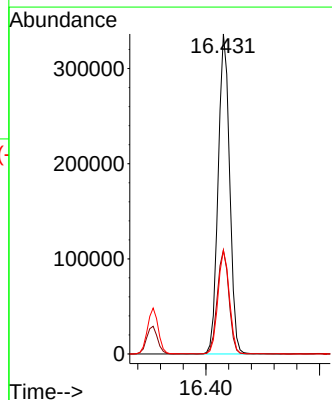
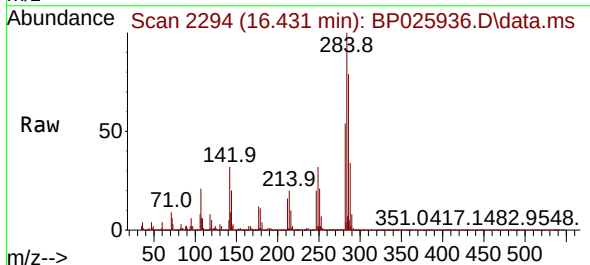
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

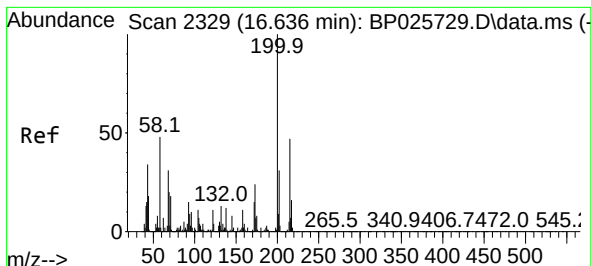
Tgt Ion:248 Resp: 428958
Ion Ratio Lower Upper
248 100
250 96.6 77.5 116.3
141 72.9 60.2 90.4



#68
Hexachlorobenzene
Concen: 48.253 ng
RT: 16.431 min Scan# 2294
Delta R.T. -0.041 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:284 Resp: 470741
Ion Ratio Lower Upper
284 100
142 32.4 31.3 46.9
249 32.5 27.3 40.9





#69

Atrazine

Concen: 47.973 ng

RT: 16.595 min Scan# 21

Delta R.T. -0.041 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

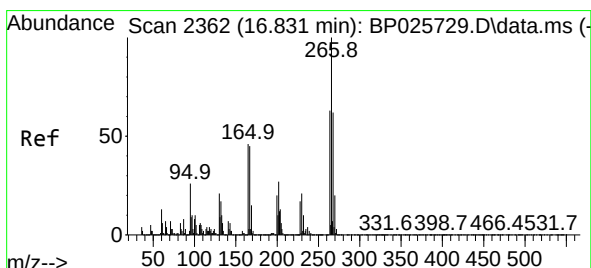
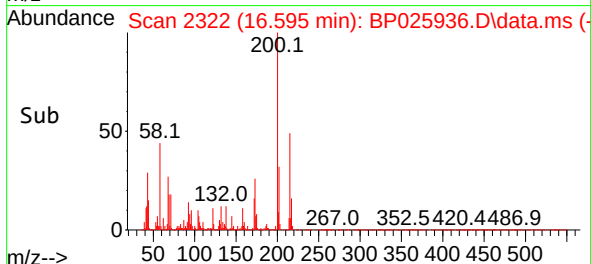
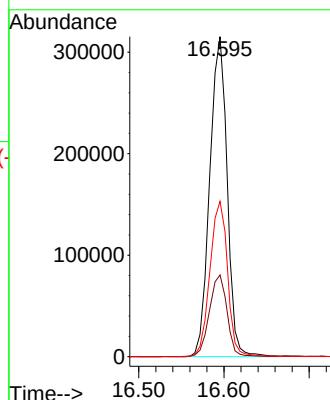
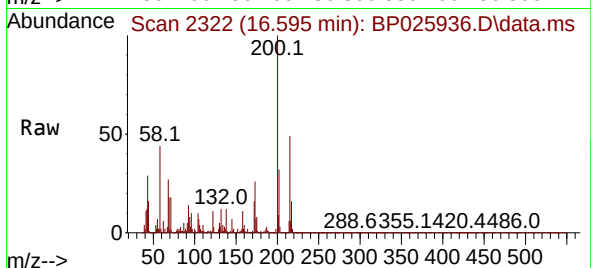
Tgt Ion:200 Resp: 446872

Ion Ratio Lower Upper

200 100

173 25.6 4.2 44.2

215 48.5 27.3 67.3



#70

Pentachlorophenol

Concen: 95.531 ng

RT: 16.795 min Scan# 2356

Delta R.T. -0.035 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

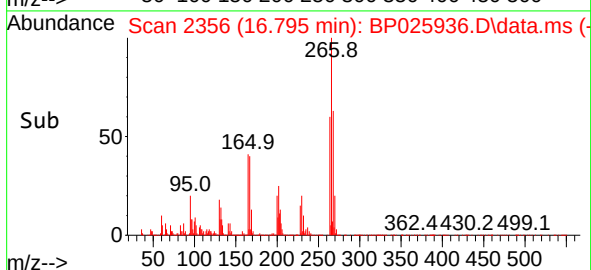
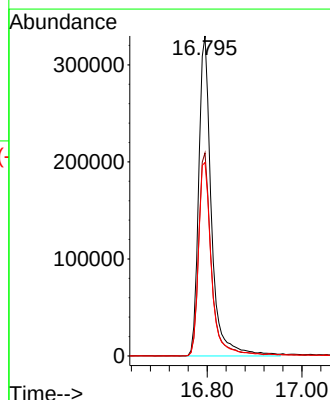
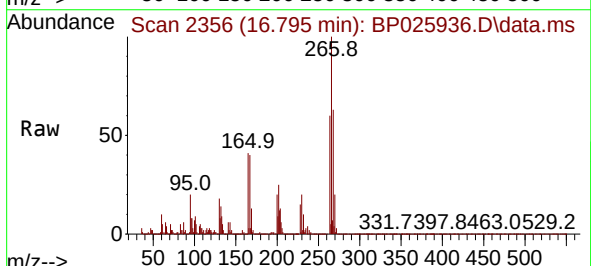
Tgt Ion:266 Resp: 615102

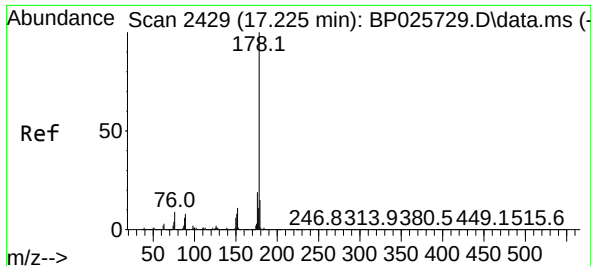
Ion Ratio Lower Upper

266 100

268 63.5 49.8 74.8

264 60.4 50.2 75.2

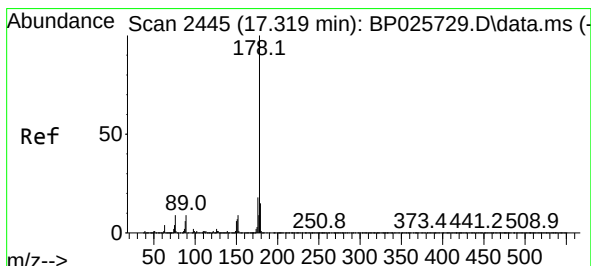
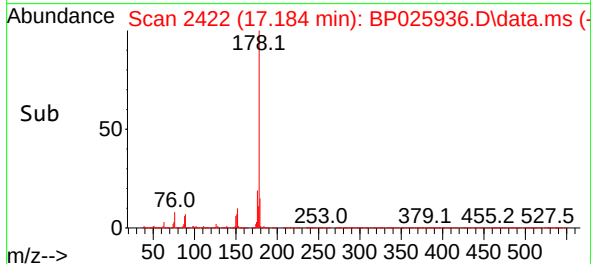
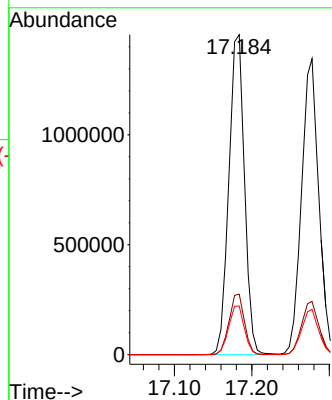
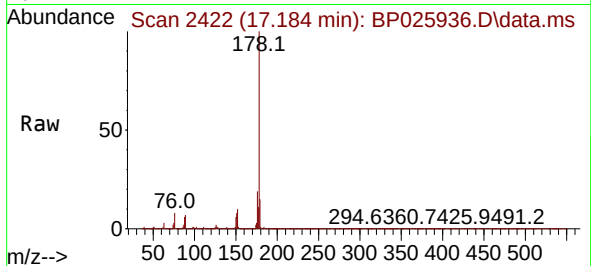




#71
Phenanthrene
Concen: 45.334 ng
RT: 17.184 min Scan# 2429
Delta R.T. -0.041 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

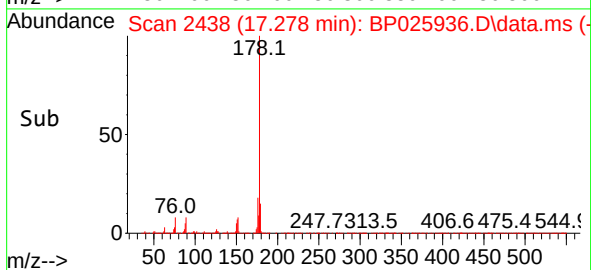
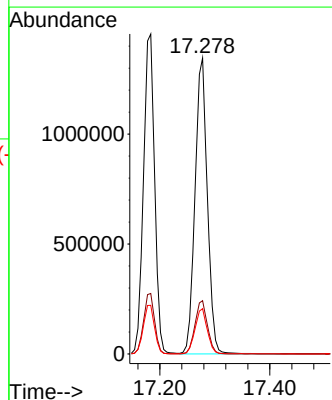
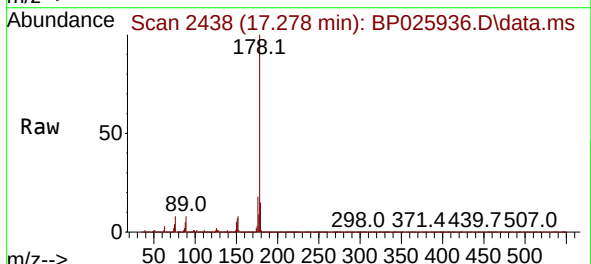
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

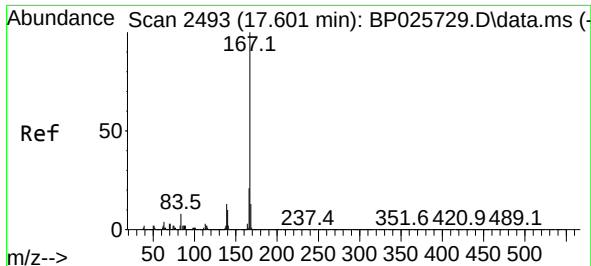
Tgt Ion:178 Resp: 2047806
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.2 12.2 18.4



#72
Anthracene
Concen: 45.561 ng
RT: 17.278 min Scan# 2438
Delta R.T. -0.041 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:178 Resp: 2088190
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 15.3 12.2 18.4

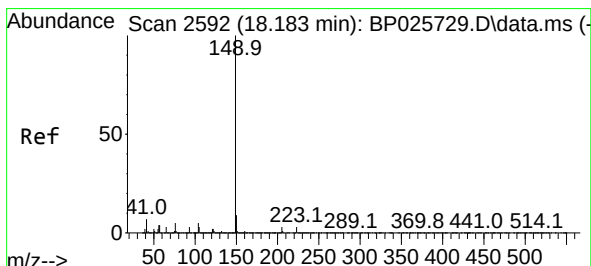
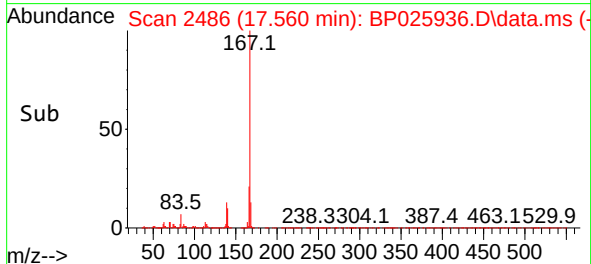
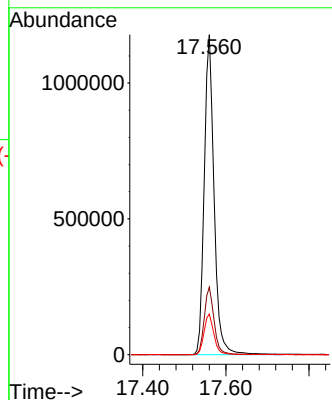
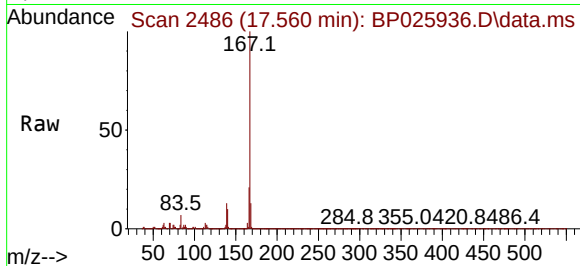




#73
 Carbazole
 Concen: 45.483 ng
 RT: 17.560 min Scan# 2493
 Delta R.T. -0.041 min
 Lab File: BP025936.D
 Acq: 06 Oct 2025 23:51

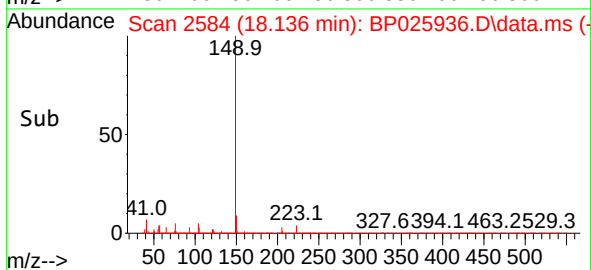
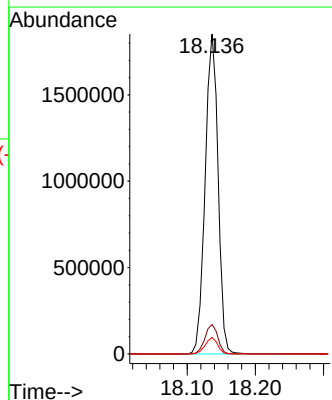
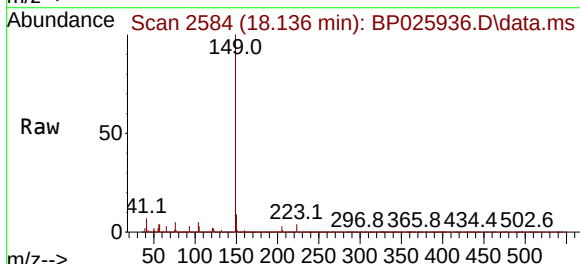
Instrument :
 BNA_P
 ClientSampleId :
 72-11966MSD

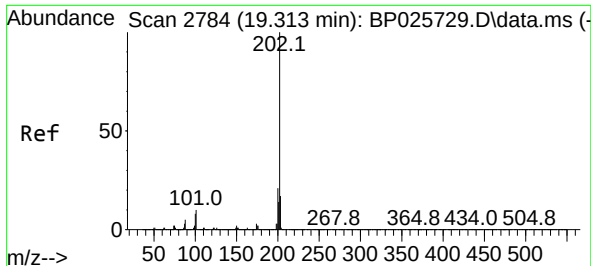
Tgt Ion:167 Resp: 1938033
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 12.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.535 ng
 RT: 18.136 min Scan# 2584
 Delta R.T. -0.047 min
 Lab File: BP025936.D
 Acq: 06 Oct 2025 23:51

Tgt Ion:149 Resp: 2433350
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.1 4.3 6.5

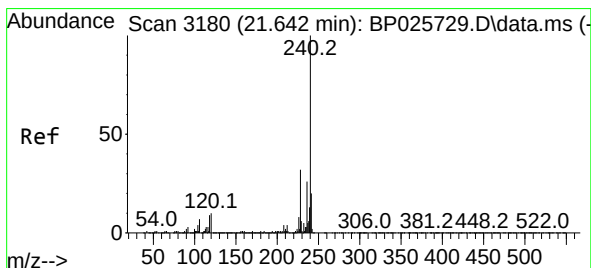
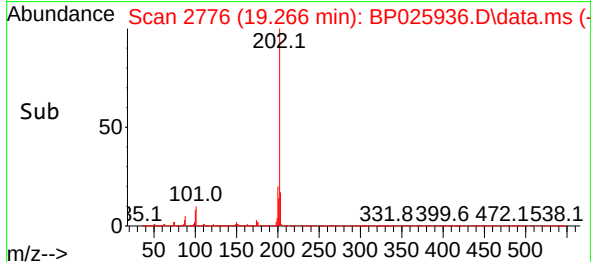
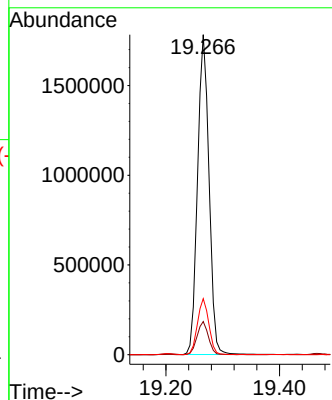
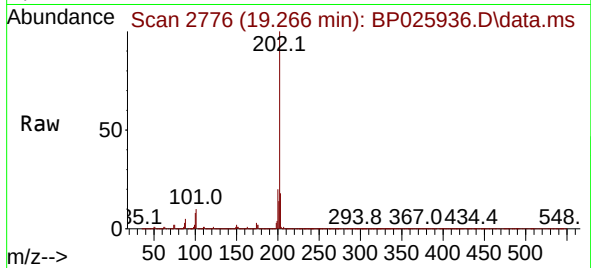




#75
Fluoranthene
Concen: 46.336 ng
RT: 19.266 min Scan# 21
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

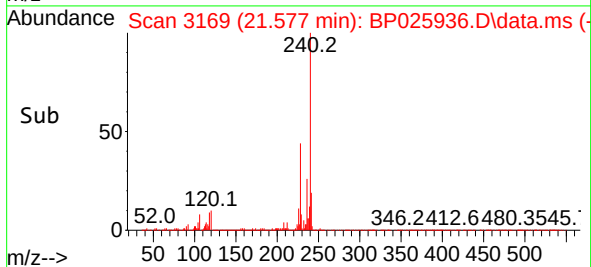
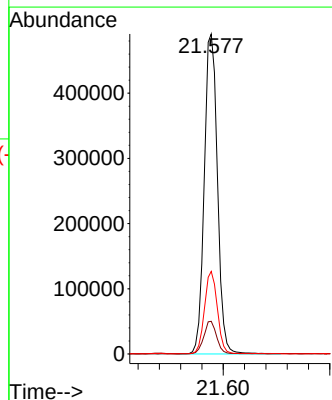
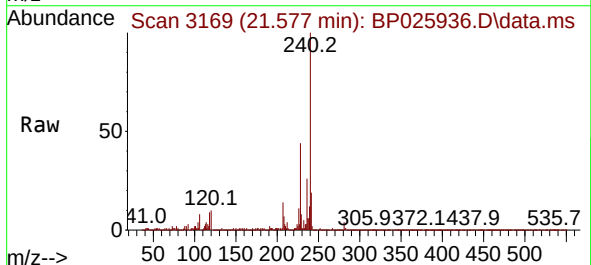
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

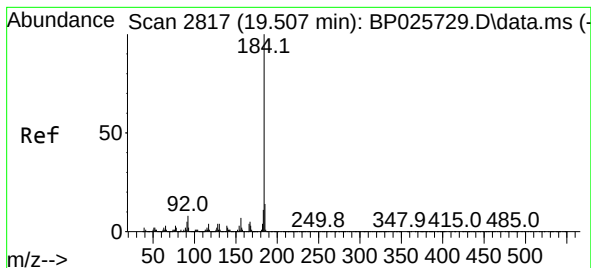
Tgt Ion:202 Resp: 2510296
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.4
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.065 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:240 Resp: 842677
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 25.8 20.7 31.1





#77

Benzidine

Concen: 63.029 ng

RT: 19.466 min Scan# 2810

Delta R.T. -0.041 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

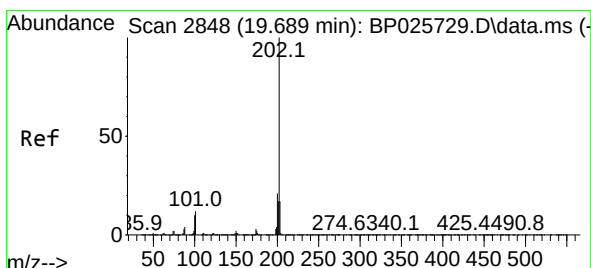
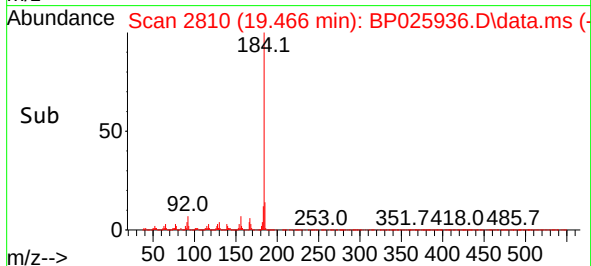
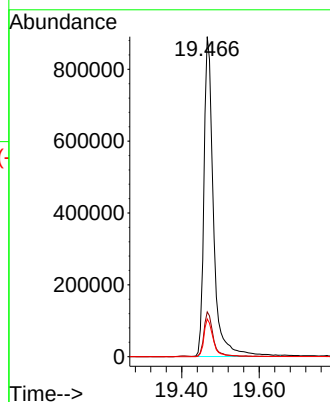
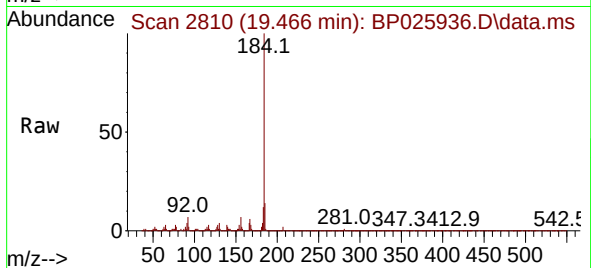
Tgt Ion:184 Resp: 1529951

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.8 9.2 13.8



#78

Pyrene

Concen: 45.810 ng

RT: 19.642 min Scan# 2840

Delta R.T. -0.047 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

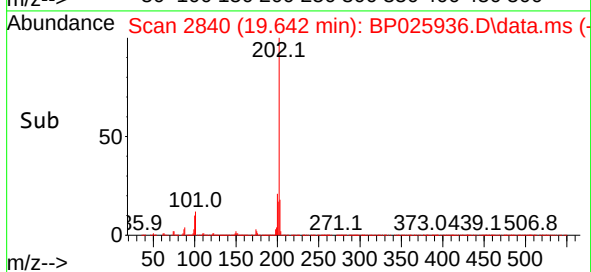
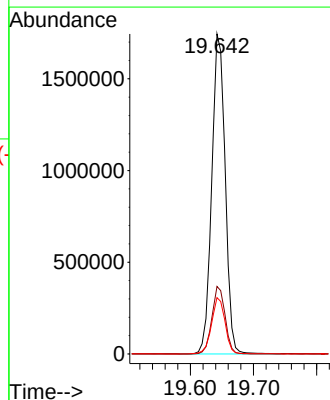
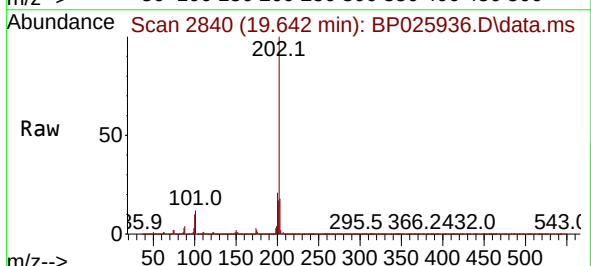
Tgt Ion:202 Resp: 2575806

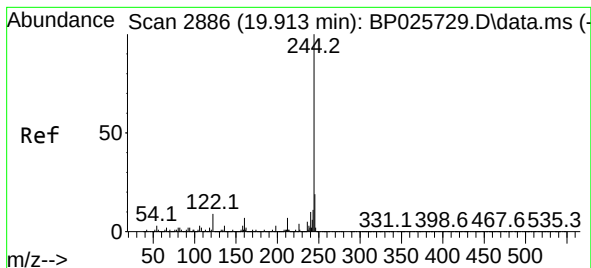
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 42.436 ng

RT: 19.854 min Scan# 21

Delta R.T. -0.059 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

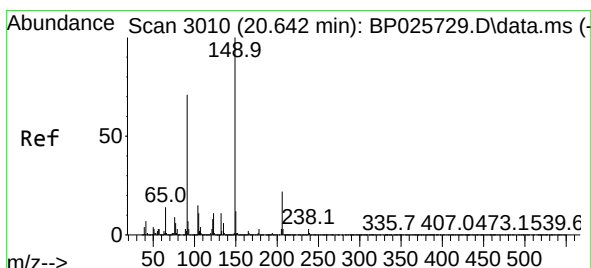
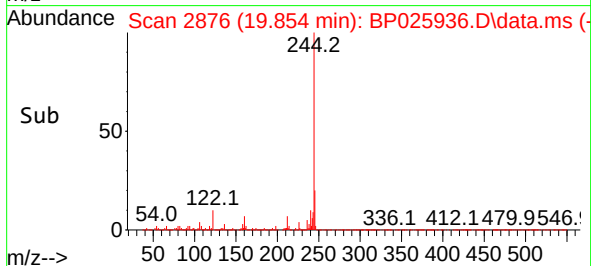
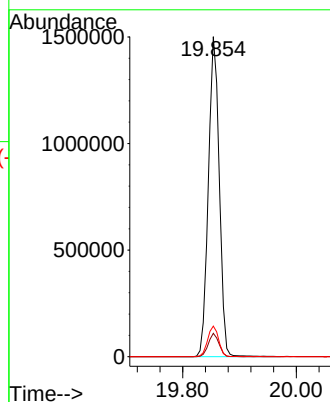
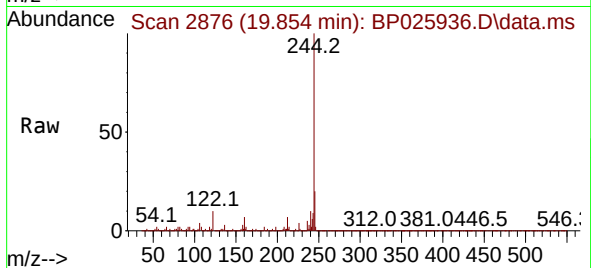
Tgt Ion:244 Resp: 1987759

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 9.5 7.1 10.7



#80

Butylbenzylphthalate

Concen: 46.977 ng

RT: 20.583 min Scan# 3000

Delta R.T. -0.059 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

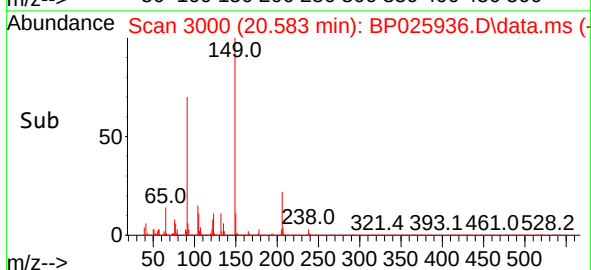
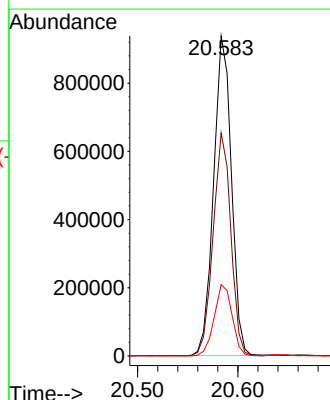
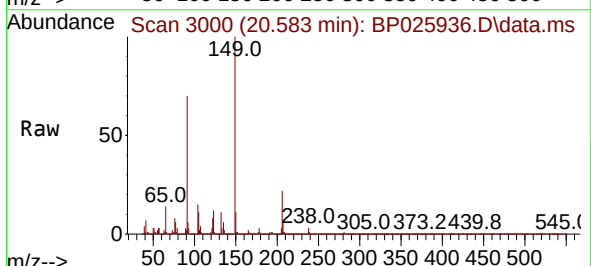
Tgt Ion:149 Resp: 1158170

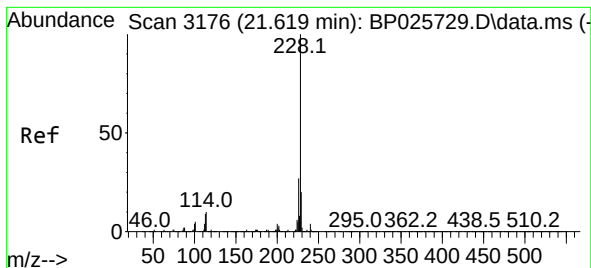
Ion Ratio Lower Upper

149 100

91 69.7 56.6 85.0

206 22.3 17.4 26.0





#81

Benzo(a)anthracene

Concen: 45.576 ng

RT: 21.554 min Scan# 3165

Delta R.T. -0.065 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

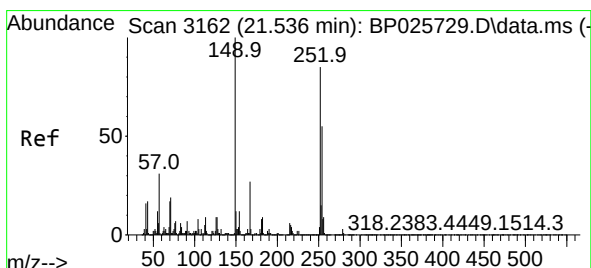
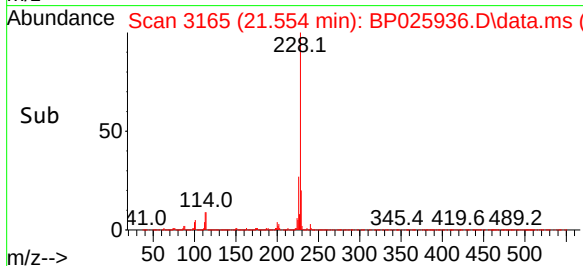
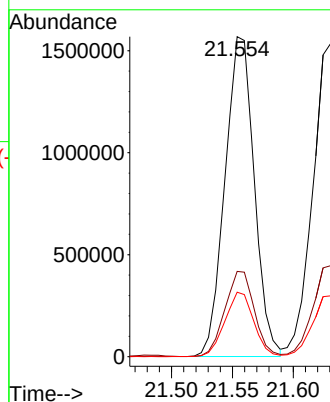
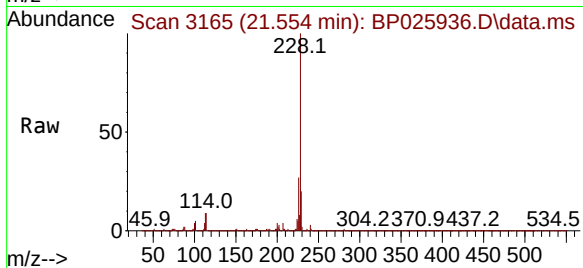
Tgt Ion:228 Resp: 2629313

Ion Ratio Lower Upper

228 100

226 26.7 21.6 32.4

229 20.2 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 36.611 ng

RT: 21.483 min Scan# 3153

Delta R.T. -0.053 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

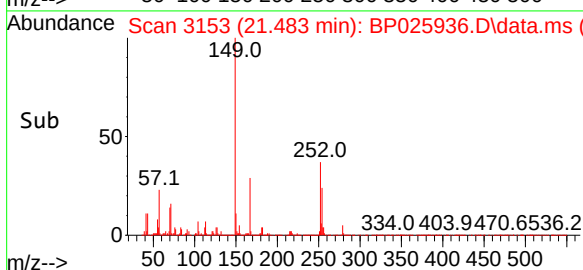
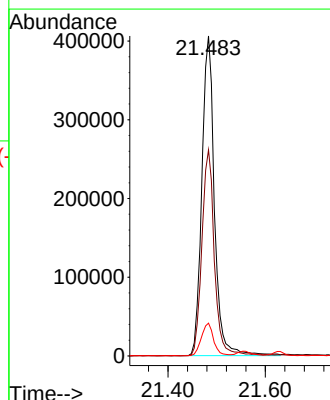
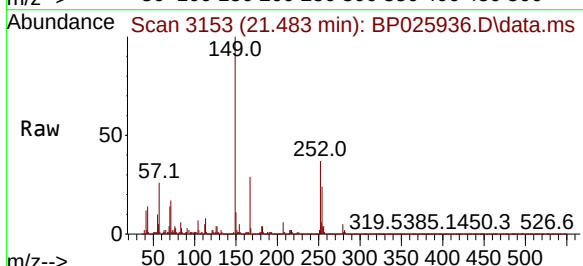
Tgt Ion:252 Resp: 730308

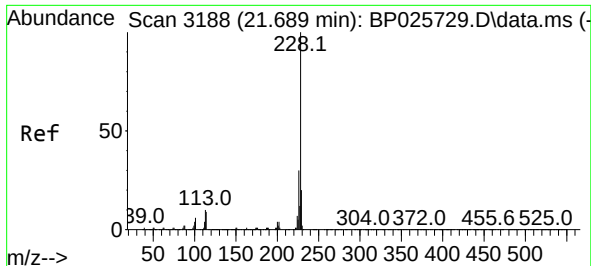
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.0

126 10.3 8.3 12.5

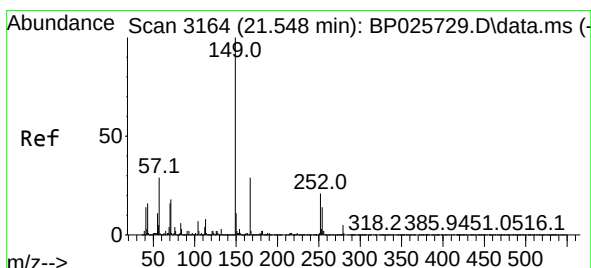
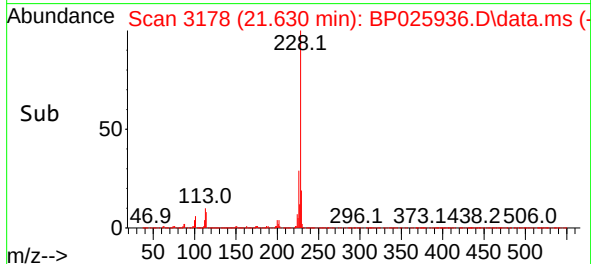
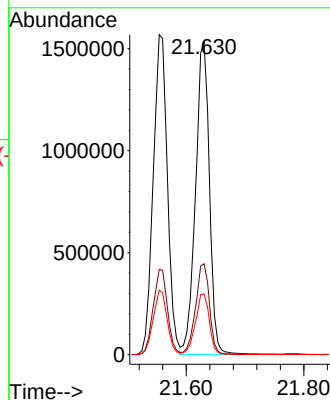
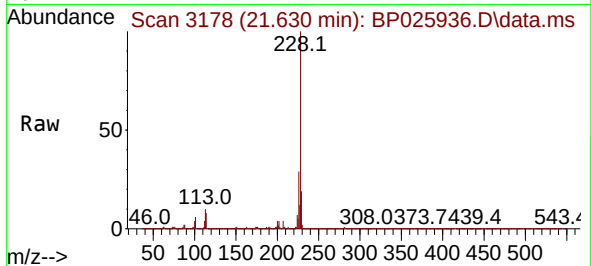




#83
Chrysene
Concen: 45.619 ng
RT: 21.630 min Scan# 3118
Delta R.T. -0.059 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

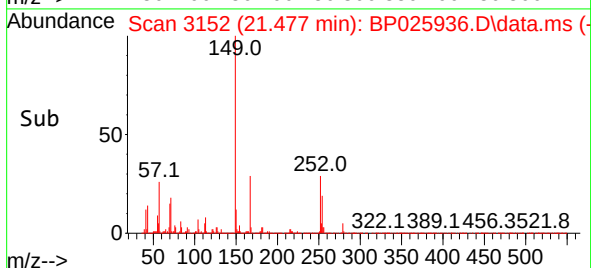
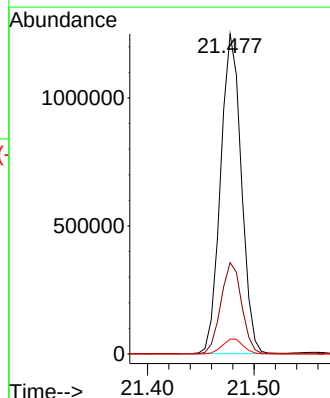
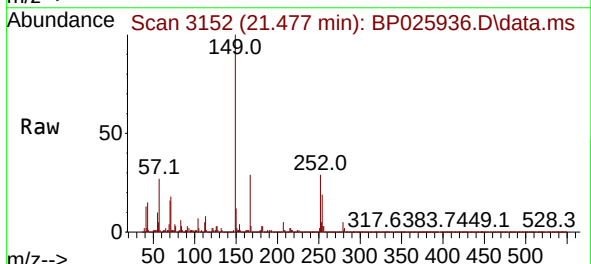
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

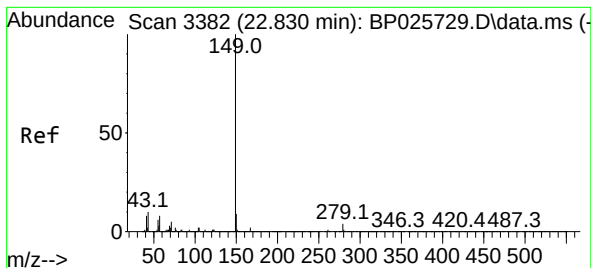
Tgt Ion:228 Resp: 2508791
Ion Ratio Lower Upper
228 100
226 29.1 23.8 35.6
229 19.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.773 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.071 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:149 Resp: 1687086
Ion Ratio Lower Upper
149 100
167 28.5 22.9 34.3
279 4.6 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 47.863 ng

RT: 22.742 min Scan# 31

Delta R.T. -0.088 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

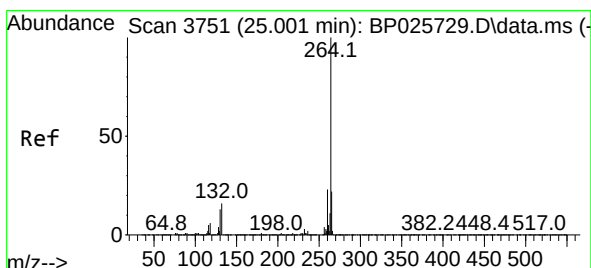
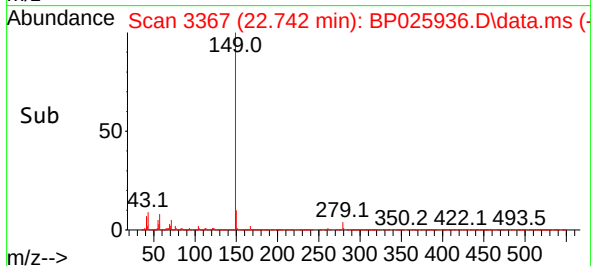
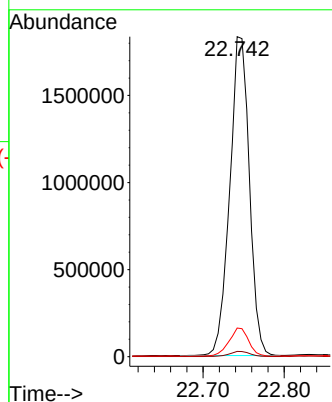
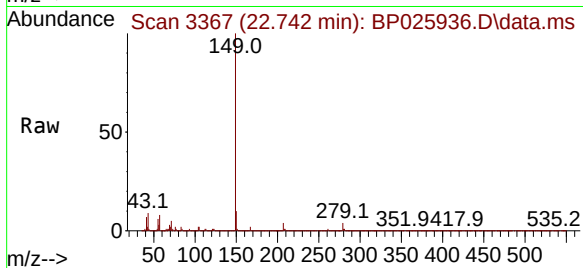
Tgt Ion:149 Resp: 3070894

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 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: BP025936.D

Acq: 06 Oct 2025 23:51

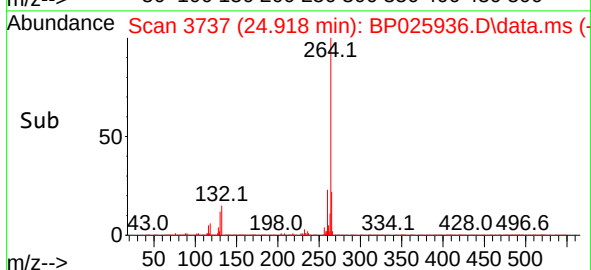
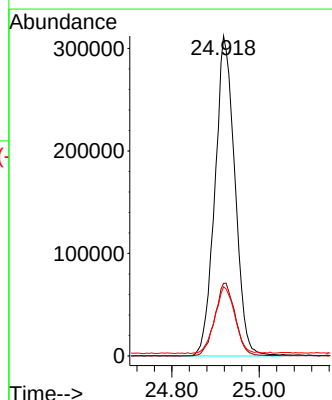
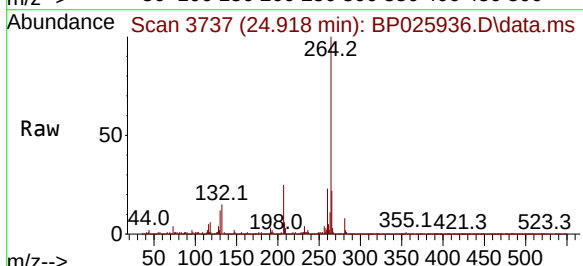
Tgt Ion:264 Resp: 987151

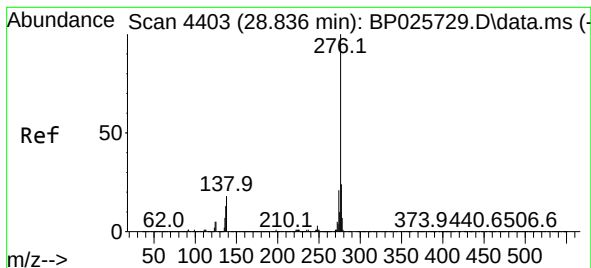
Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.584 ng

RT: 28.730 min Scan# 41

Delta R.T. -0.106 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

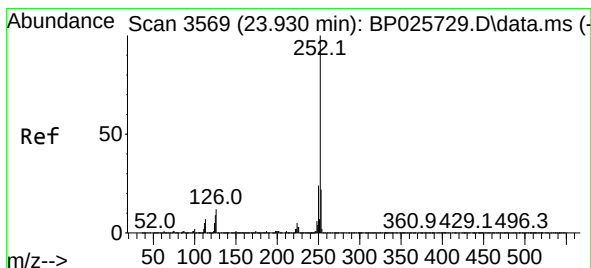
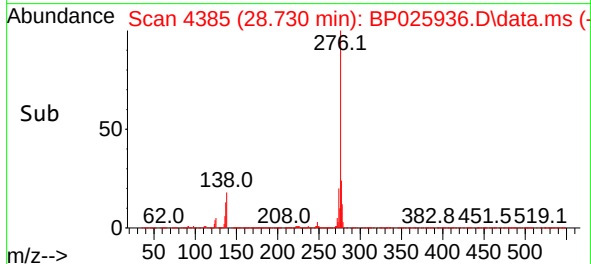
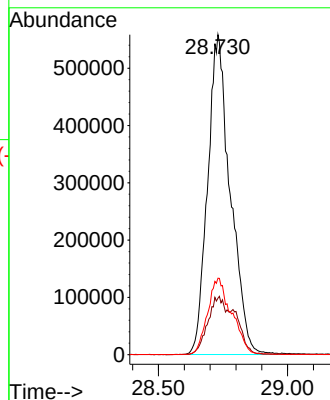
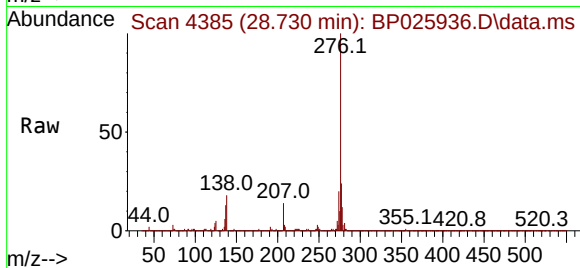
Tgt Ion:276 Resp: 3415944

Ion Ratio Lower Upper

276 100

138 15.5 13.4 20.2

277 25.2 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 45.768 ng

RT: 23.854 min Scan# 3556

Delta R.T. -0.076 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

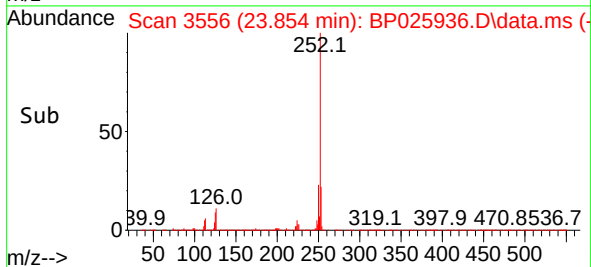
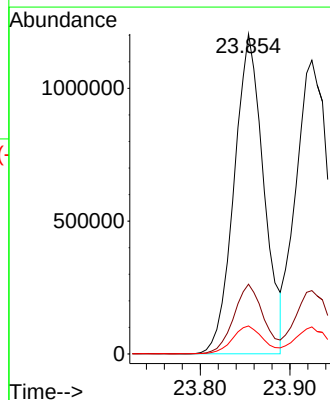
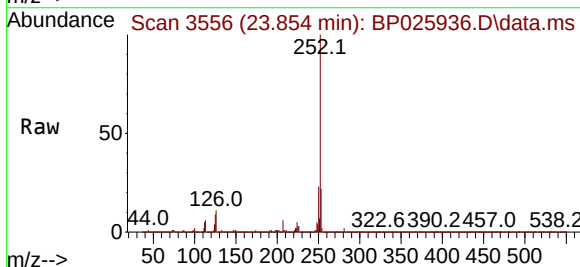
Tgt Ion:252 Resp: 2762862

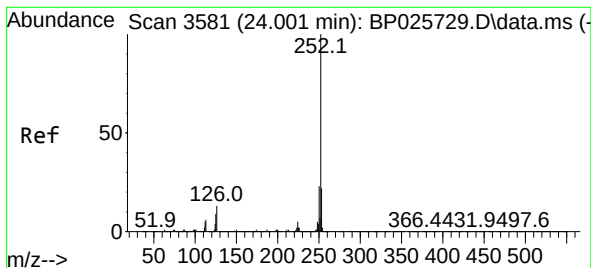
Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 8.7 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 45.169 ng

RT: 23.924 min Scan# 31

Delta R.T. -0.076 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

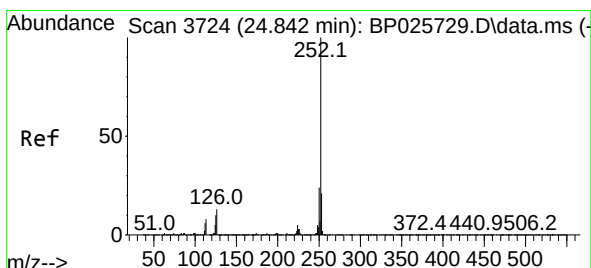
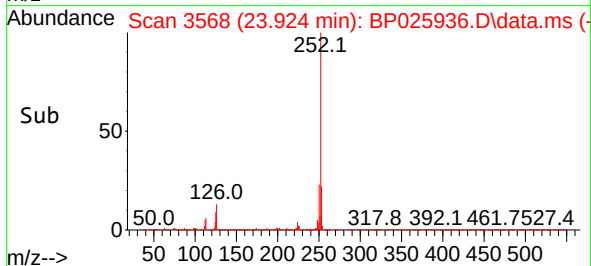
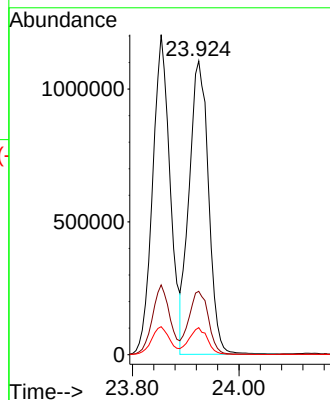
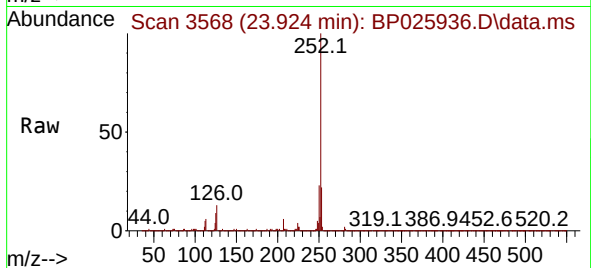
Tgt Ion:252 Resp: 2782424

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.2 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.615 ng

RT: 24.760 min Scan# 3710

Delta R.T. -0.082 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

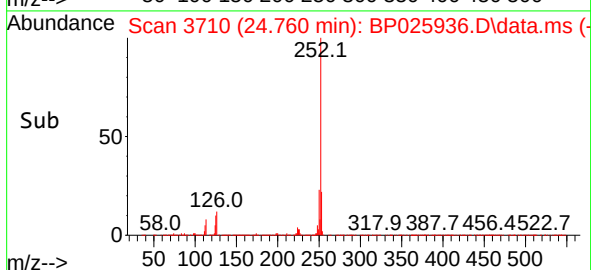
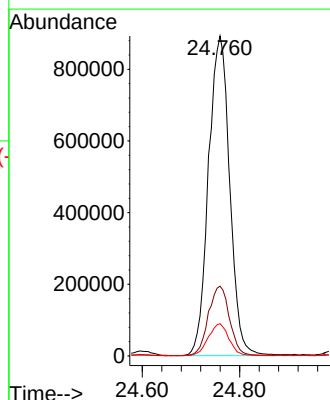
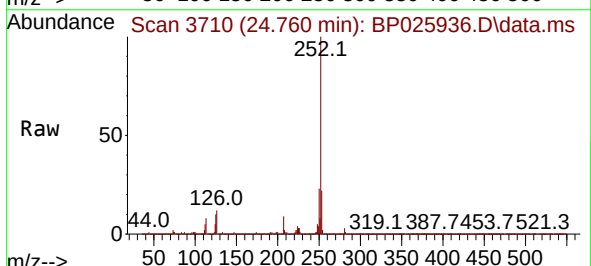
Tgt Ion:252 Resp: 2696595

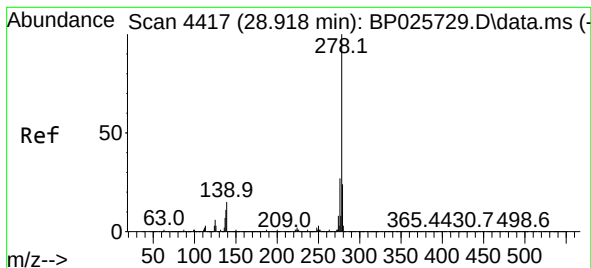
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 47.499 ng

RT: 28.801 min Scan# 41

Delta R.T. -0.118 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

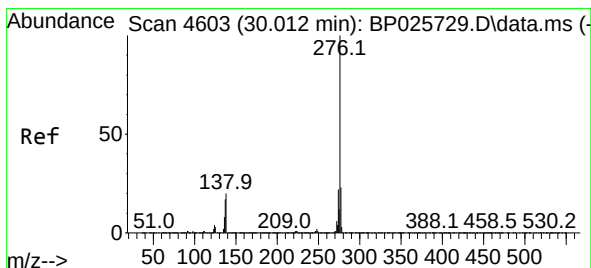
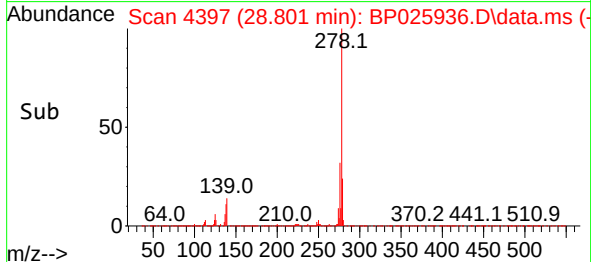
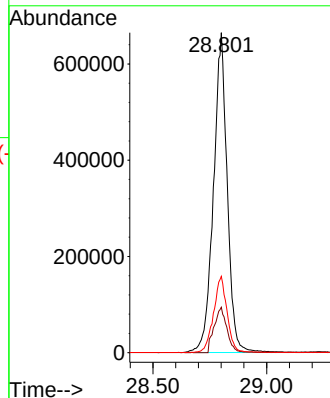
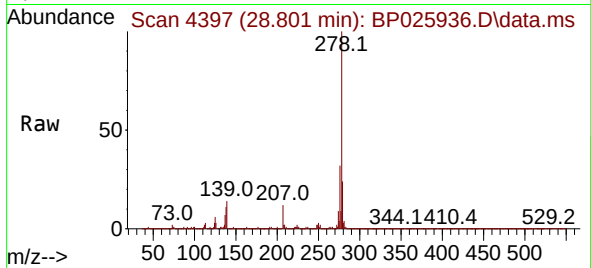
Tgt Ion:278 Resp: 2790347

Ion Ratio Lower Upper

278 100

139 14.2 12.1 18.1

279 23.8 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 47.989 ng

RT: 29.906 min Scan# 4585

Delta R.T. -0.106 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Tgt Ion:276 Resp: 2772460

Ion Ratio Lower Upper

276 100

277 24.4 18.7 28.1

138 19.3 16.0 24.0

