

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025926.D
 Acq On : 06 Oct 2025 16:57
 Operator : CG/JU
 Sample : PB169989BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169989BS

Quant Time: Oct 06 17:26:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	182029	20.000	ng	-0.02
21) Naphthalene-d8	10.502	136	705808	20.000	ng	-0.02
39) Acenaphthene-d10	14.348	164	446200	20.000	ng	-0.03
64) Phenanthrene-d10	17.142	188	872158	20.000	ng	-0.04
76) Chrysene-d12	21.589	240	874721	20.000	ng	-0.05
86) Perylene-d12	24.936	264	970632	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1497057	132.703	ng	0.00
7) Phenol-d6	6.943	99	1885172	125.721	ng	0.00
23) Nitrobenzene-d5	8.890	82	1194977	74.683	ng	-0.01
42) 2,4,6-Tribromophenol	15.860	330	746159	134.070	ng	-0.05
45) 2-Fluorobiphenyl	12.954	172	2627876	78.418	ng	-0.04
79) Terphenyl-d14	19.860	244	3937572	80.982	ng	-0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	159825	33.755	ng	96
3) Pyridine	3.696	79	459200	35.221	ng	94
4) n-Nitrosodimethylamine	3.608	42	232033	37.717	ng	83
6) Aniline	7.078	93	589269	28.627	ng	100
8) 2-Chlorophenol	7.319	128	578567	46.749	ng	99
9) Benzaldehyde	6.896	77	296768	33.020	ng	100
10) Phenol	6.967	94	716172	45.295	ng	98
11) bis(2-Chloroethyl)ether	7.167	93	543826	42.810	ng	96
12) 1,3-Dichlorobenzene	7.631	146	603682	42.859	ng	97
13) 1,4-Dichlorobenzene	7.772	146	618633	43.117	ng	100
14) 1,2-Dichlorobenzene	8.084	146	596334	42.783	ng	99
15) Benzyl Alcohol	7.984	79	527687	42.587	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.249	45	801521	38.583	ng	97
17) 2-Methylphenol	8.196	107	476855	44.733	ng	99
18) Hexachloroethane	8.802	117	231874	42.309	ng	97
19) n-Nitroso-di-n-propyla...	8.537	70	421269	40.280	ng	95
20) 3+4-Methylphenols	8.519	107	636615	42.643	ng	98
22) Acetophenone	8.555	105	925202	49.052	ng	# 97
24) Nitrobenzene	8.925	77	630331	43.913	ng	97
25) Isophorone	9.449	82	1172491	41.690	ng	99
26) 2-Nitrophenol	9.631	139	306999	48.171	ng	92
27) 2,4-Dimethylphenol	9.702	122	516038	46.155	ng	98
28) bis(2-Chloroethoxy)met...	9.919	93	713728	43.903	ng	99
29) 2,4-Dichlorophenol	10.178	162	527646	47.333	ng	97
30) 1,2,4-Trichlorobenzene	10.366	180	573003	45.609	ng	97
31) Naphthalene	10.549	128	1670664	43.898	ng	99
32) Benzoic acid	9.896	122	401328	48.280	ng	98
33) 4-Chloroaniline	10.678	127	344464	21.716	ng	99
34) Hexachlorobutadiene	10.831	225	375311	46.406	ng	99
35) Caprolactam	11.478	113	166315	38.703	ng	94
36) 4-Chloro-3-methylphenol	11.813	107	580172	43.654	ng	96
37) 2-Methylnaphthalene	12.160	142	1052812	43.071	ng	98
38) 1-Methylnaphthalene	12.384	142	1103165	42.322	ng	99
40) 1,2,4,5-Tetrachloroben...	12.531	216	719436	53.209	ng	99
41) Hexachlorocyclopentadiene	12.502	237	582273	79.070	ng	99
43) 2,4,6-Trichlorophenol	12.784	196	424698	47.780	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	463981	46.902	ng	96
46) 1,1'-Biphenyl	13.166	154	1641960	50.134	ng	99
47) 2-Chloronaphthalene	13.213	162	1172498	45.466	ng	100
48) 2-Nitroaniline	13.431	65	373141	43.407	ng	94
49) Acenaphthylene	14.066	152	1920689	44.951	ng	100
50) Dimethylphthalate	13.801	163	1477408	43.369	ng	100
51) 2,6-Dinitrotoluene	13.925	165	329743	45.687	ng	92
52) Acenaphthene	14.413	154	1061393	43.074	ng	100
53) 3-Nitroaniline	14.272	138	226308	29.818	ng	98
54) 2,4-Dinitrophenol	14.490	184	378378	80.595	ng	97
55) Dibenzofuran	14.754	168	1732447	43.138	ng	98
56) 4-Nitrophenol	14.631	139	445764	68.863	ng	97
57) 2,4-Dinitrotoluene	14.731	165	465563	45.326	ng	93
58) Fluorene	15.407	166	1400085	43.842	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.996	232	410812	46.100	ng	96
60) Diethylphthalate	15.178	149	1493012	43.207	ng	99
61) 4-Chlorophenyl-phenyle...	15.395	204	716601	44.525	ng	98
62) 4-Nitroaniline	15.448	138	318476	40.960	ng	96
63) Azobenzene	15.701	77	1403310	42.000	ng	97
65) 4,6-Dinitro-2-methylph...	15.513	198	283476	48.874	ng	91
66) n-Nitrosodiphenylamine	15.625	169	1252628	46.932	ng	99
67) 4-Bromophenyl-phenylether	16.313	248	470209	49.075	ng	97
68) Hexachlorobenzene	16.437	284	520367	48.701	ng	# 90
69) Atrazine	16.595	200	491962	48.221	ng	98
70) Pentachlorophenol	16.795	266	633233	89.795	ng	100
71) Phenanthrene	17.184	178	2199869	44.465	ng	99
72) Anthracene	17.278	178	2289006	45.600	ng	99
73) Carbazole	17.566	167	2131828	45.680	ng	99
74) Di-n-butylphthalate	18.137	149	2565889	44.803	ng	99
75) Fluoranthene	19.272	202	2613123	44.040	ng	100
77) Benzidine	19.472	184	1096670	43.524	ng	99
78) Pyrene	19.648	202	2739772	46.941	ng	99
80) Butylbenzylphthalate	20.589	149	1170092	45.722	ng	97
81) Benzo(a)anthracene	21.566	228	2754853	46.003	ng	100
82) 3,3'-Dichlorobenzidine	21.489	252	693883	33.510	ng	99
83) Chrysene	21.636	228	2556460	44.783	ng	100
84) Bis(2-ethylhexyl)phtha...	21.483	149	1709318	45.654	ng	99
85) Di-n-octyl phthalate	22.760	149	3037737	45.611	ng	97
87) Indeno(1,2,3-cd)pyrene	28.754	276	3273523	46.376	ng	# 77
88) Benzo(b)fluoranthene	23.866	252	2718629	45.802	ng	99
89) Benzo(k)fluoranthene	23.942	252	2788209	46.034	ng	99
90) Benzo(a)pyrene	24.777	252	2647483	45.546	ng	99
91) Dibenzo(a,h)anthracene	28.818	278	2676243	46.332	ng	99
92) Benzo(g,h,i)perylene	29.954	276	2621196	46.143	ng	98

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

Instrument :

BNA P

ClientSampleId :

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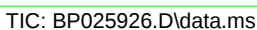
Quant Time: Oct 06 17:26:51 2025

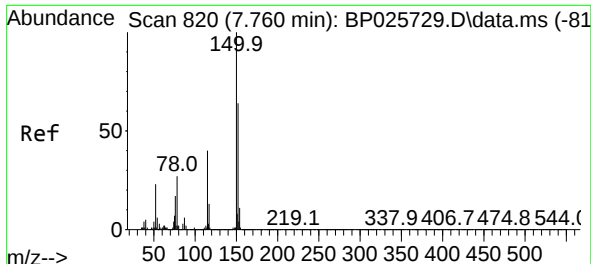
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M

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QLast Update : Thu Sep 11 16:45:04 2025

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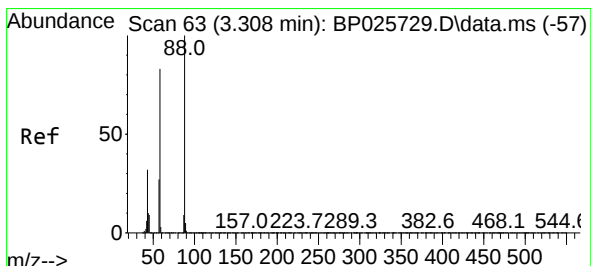
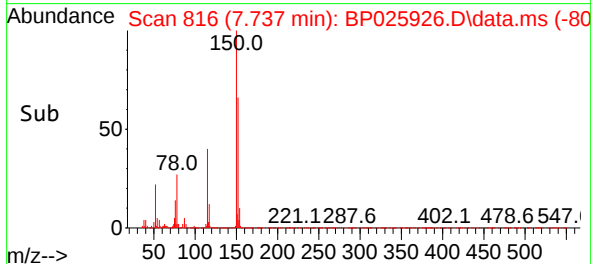
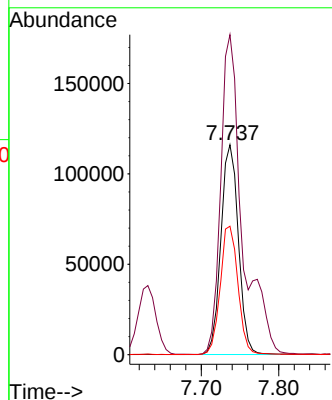
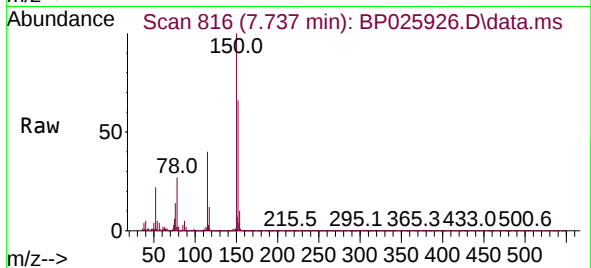




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.737 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BP025926.D
 Acq: 06 Oct 2025 16:57

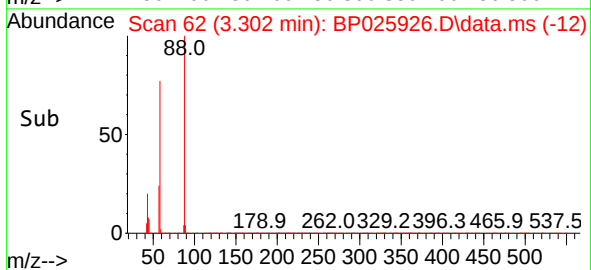
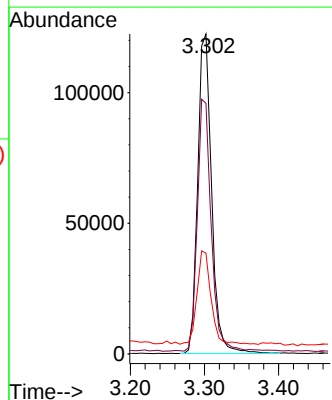
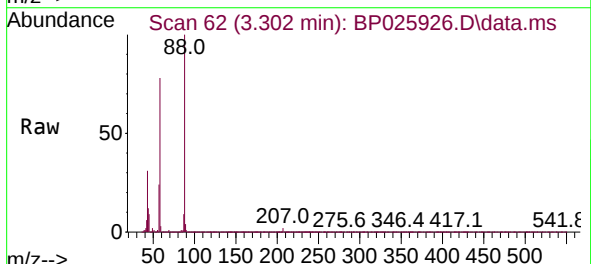
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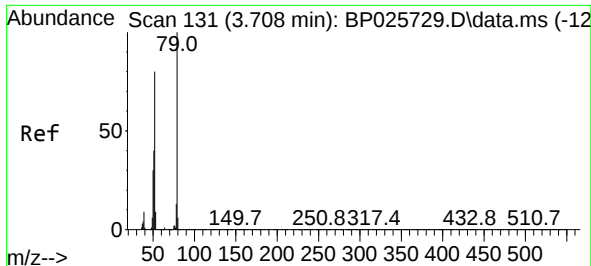
Tgt Ion:152 Resp: 182029
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.3 186.5
 115 61.2 50.3 75.5



#2
 1,4-Dioxane
 Concen: 33.755 ng
 RT: 3.302 min Scan# 62
 Delta R.T. -0.006 min
 Lab File: BP025926.D
 Acq: 06 Oct 2025 16:57

Tgt Ion: 88 Resp: 159825
 Ion Ratio Lower Upper
 88 100
 58 78.3 65.5 98.3
 43 29.5 25.2 37.8

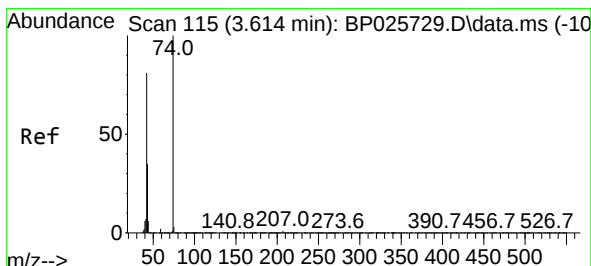
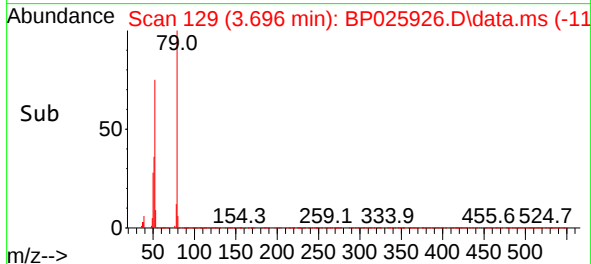
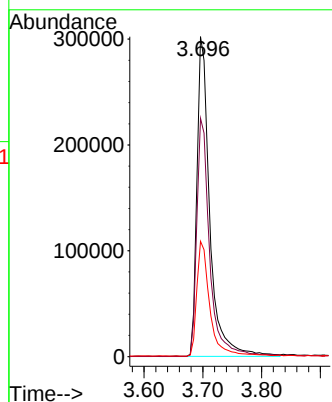
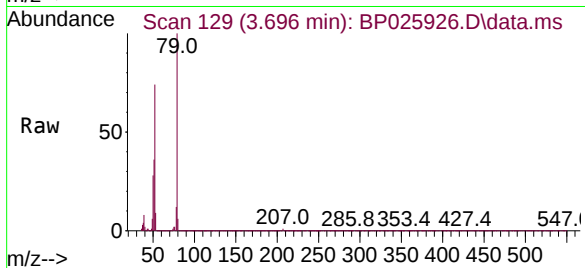




#3
Pyridine
Concen: 35.221 ng
RT: 3.696 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

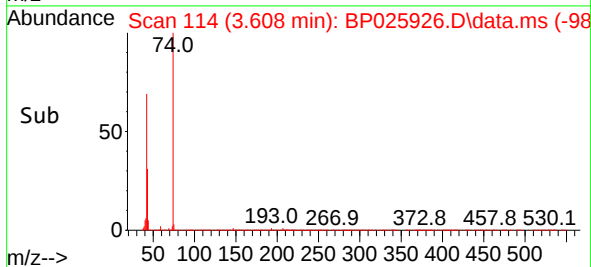
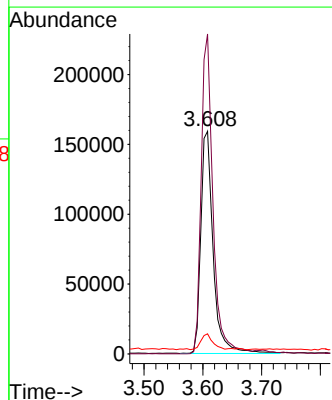
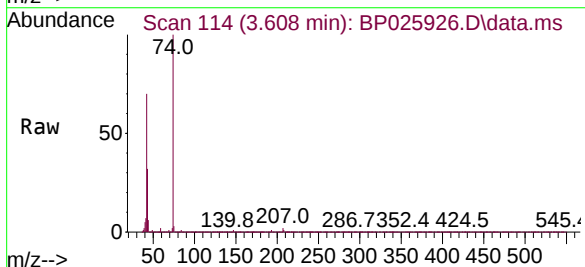
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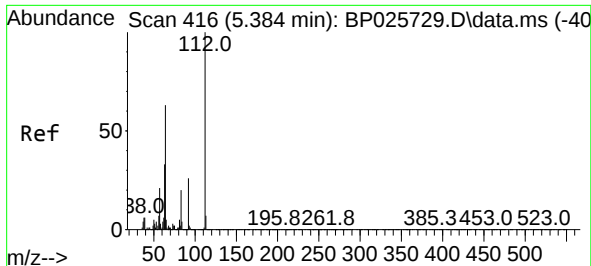
Tgt Ion: 79 Resp: 459200
Ion Ratio Lower Upper
79 100
52 74.5 63.7 95.5
51 36.0 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 37.717 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 42 Resp: 232033
Ion Ratio Lower Upper
42 100
74 143.7 99.2 148.8
44 9.0 6.4 9.6

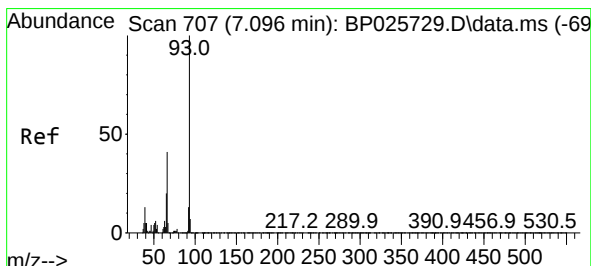
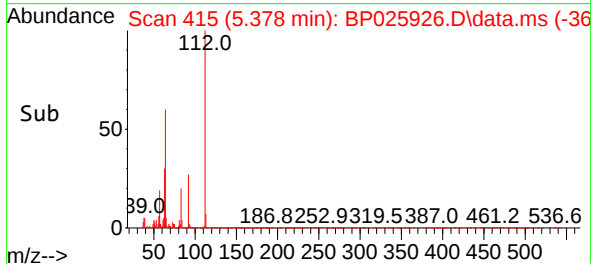
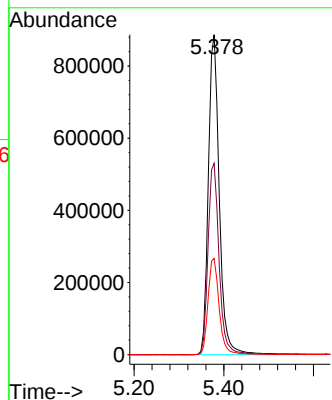
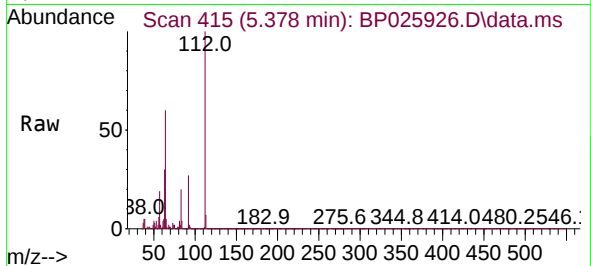




#5
2-Fluorophenol
Concen: 132.703 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

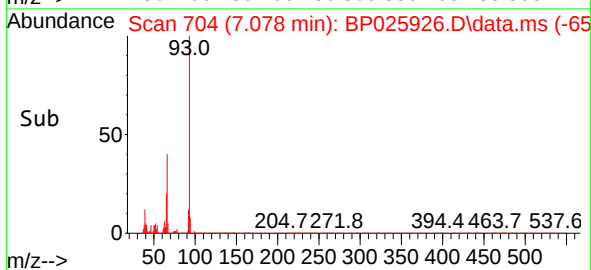
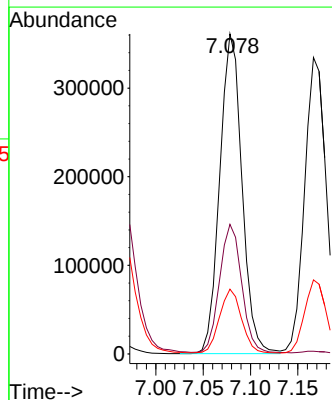
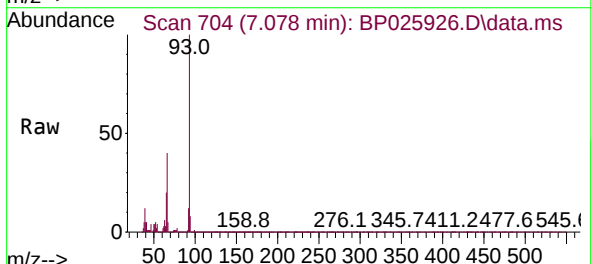
Instrument :
BNA_P
ClientSampleId :
PB169989BS

Tgt Ion:112 Resp: 1497057
Ion Ratio Lower Upper
112 100
64 59.8 50.2 75.4
63 30.1 26.7 40.1



#6
Aniline
Concen: 28.627 ng
RT: 7.078 min Scan# 704
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 93 Resp: 589269
Ion Ratio Lower Upper
93 100
66 40.5 32.6 49.0
65 20.2 16.2 24.2

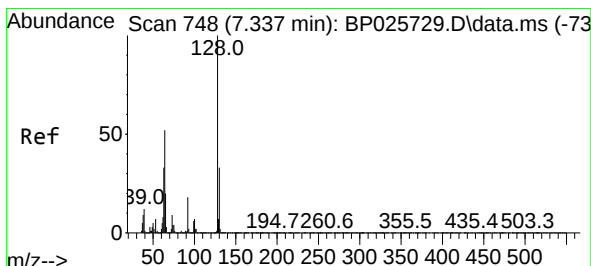
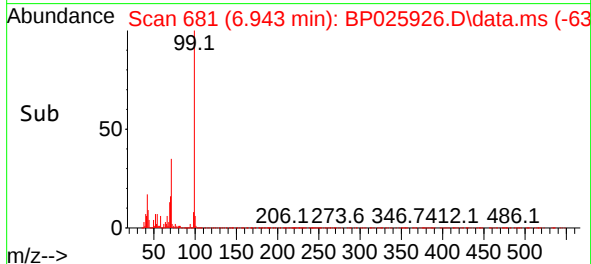
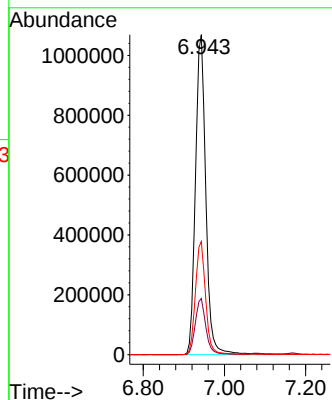
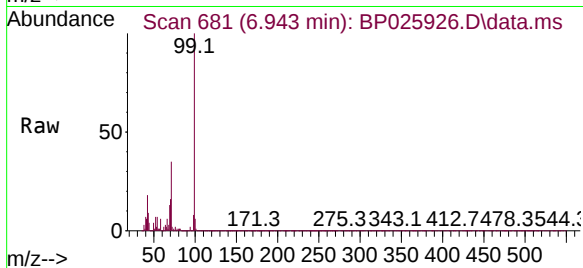




#7
Phenol-d6
Concen: 125.721 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

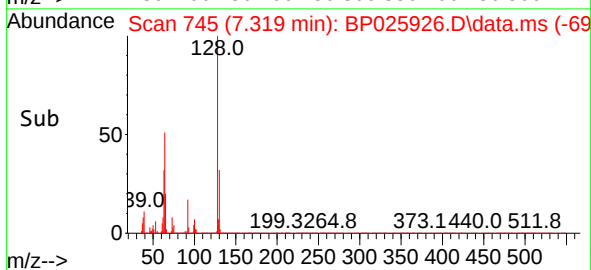
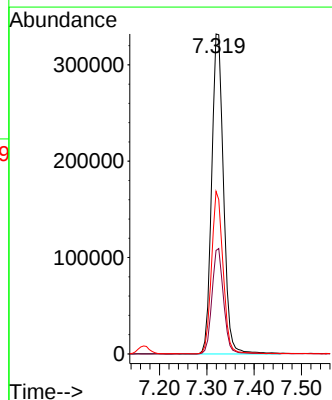
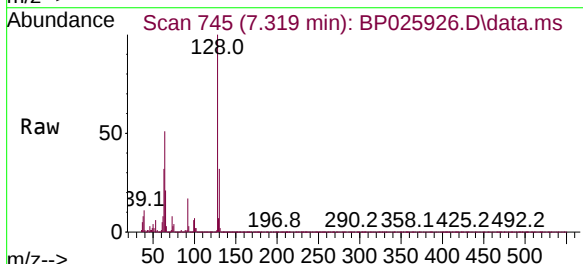
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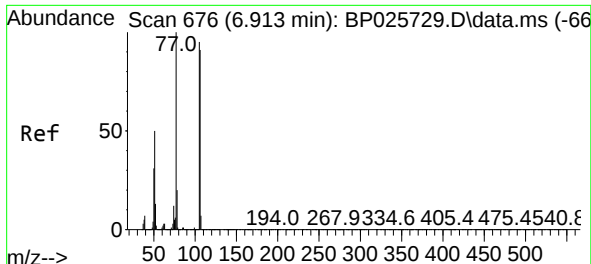
Tgt Ion: 99 Resp: 1885172
Ion Ratio Lower Upper
99 100
42 17.5 15.6 23.4
71 35.3 28.6 43.0



#8
2-Chlorophenol
Concen: 46.749 ng
RT: 7.319 min Scan# 745
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:128 Resp: 578567
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 50.8 31.6 71.6

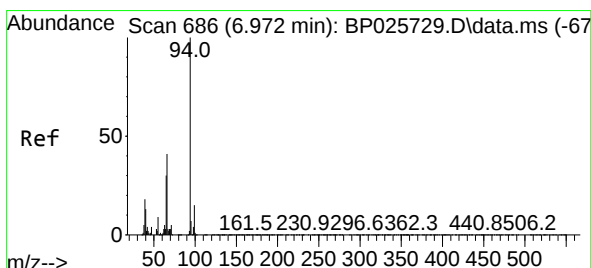
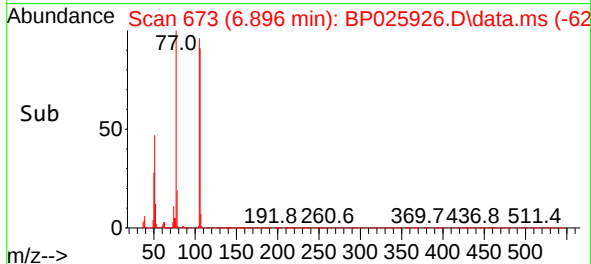
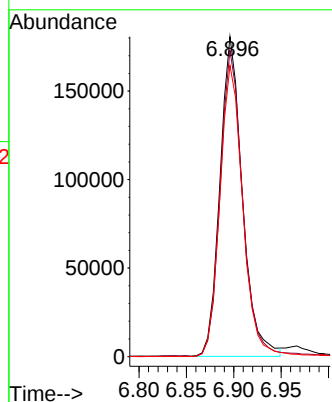
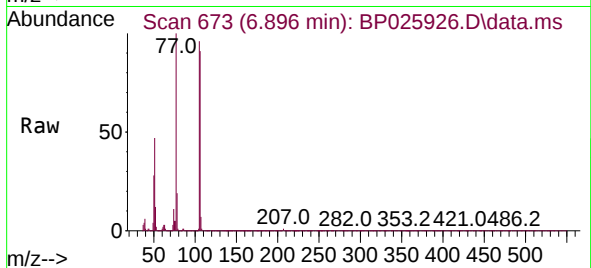




#9
Benzaldehyde
Concen: 33.020 ng
RT: 6.896 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

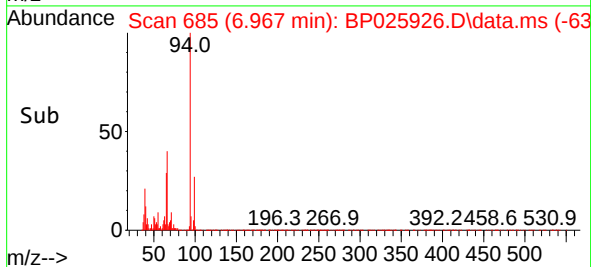
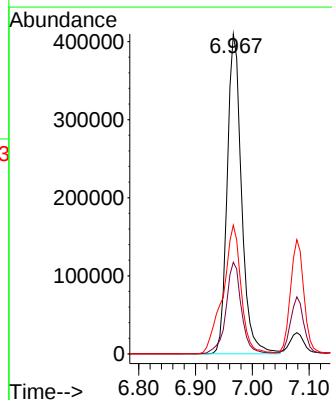
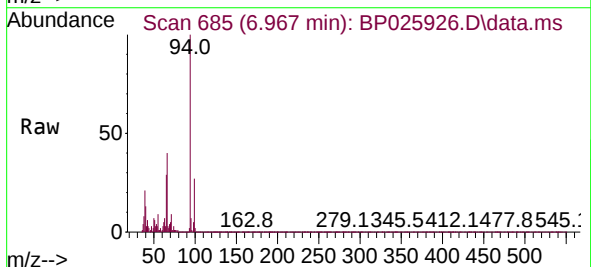
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ClientSampleId :
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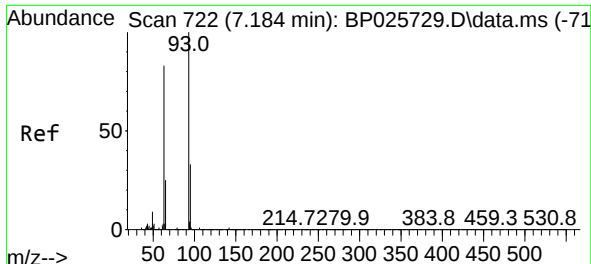
Tgt Ion: 77 Resp: 296768
Ion Ratio Lower Upper
77 100
105 95.8 75.2 115.2
106 91.0 71.3 111.3



#10
Phenol
Concen: 45.295 ng
RT: 6.967 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 94 Resp: 716172
Ion Ratio Lower Upper
94 100
65 28.6 10.2 50.2
66 40.2 21.4 61.4

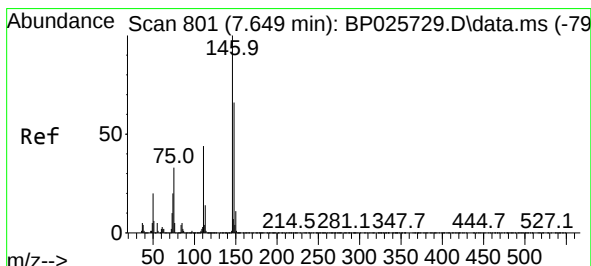
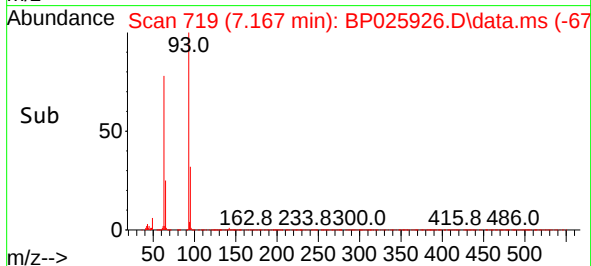
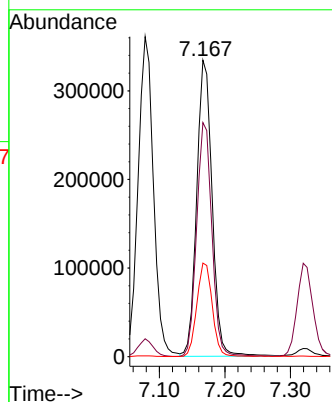
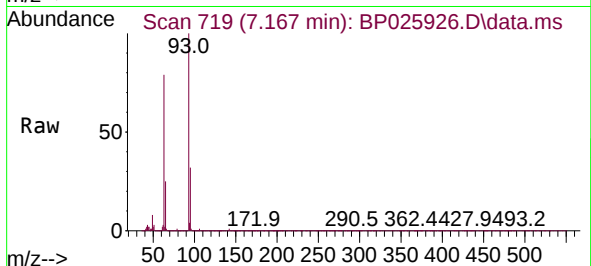




#11
bis(2-Chloroethyl)ether
Concen: 42.810 ng
RT: 7.167 min Scan# 719
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

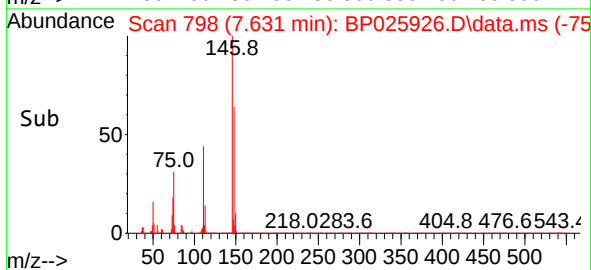
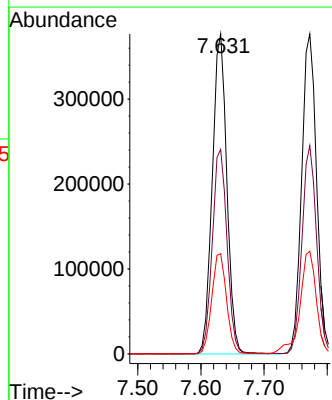
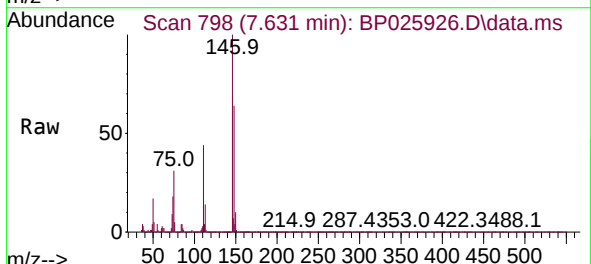
Instrument :
BNA_P
ClientSampleId :
PB169989BS

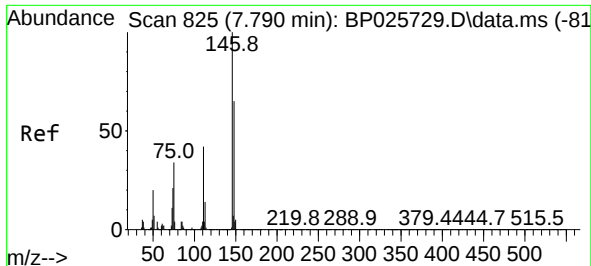
Tgt Ion: 93 Resp: 543826
Ion Ratio Lower Upper
93 100
63 78.9 62.6 102.6
95 31.6 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 42.859 ng
RT: 7.631 min Scan# 798
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:146 Resp: 603682
Ion Ratio Lower Upper
146 100
148 63.9 52.7 79.1
75 31.3 26.4 39.6

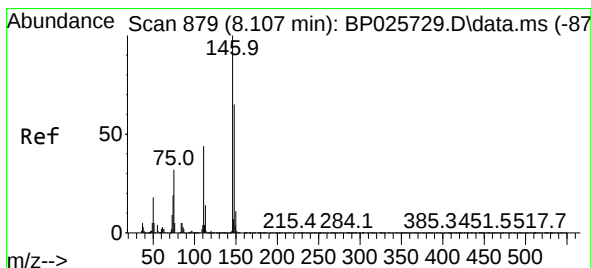
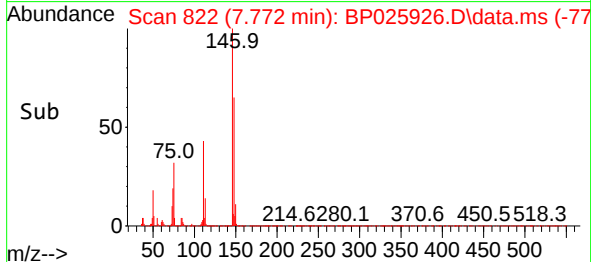
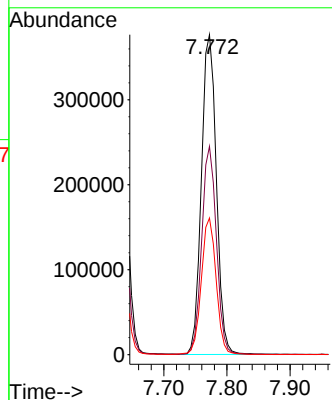
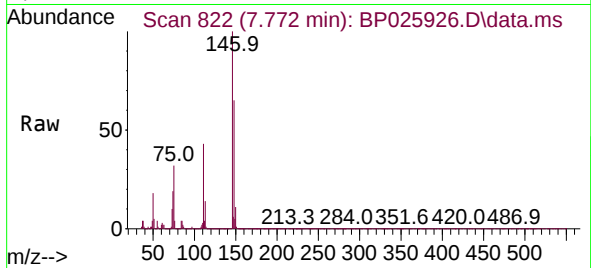




#13
1,4-Dichlorobenzene
Concen: 43.117 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

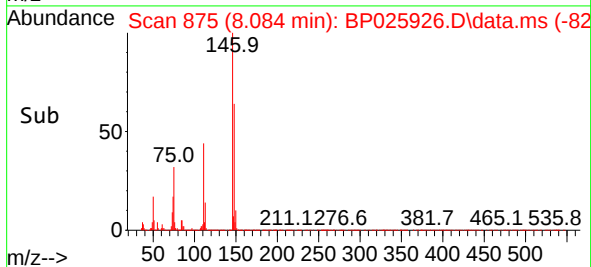
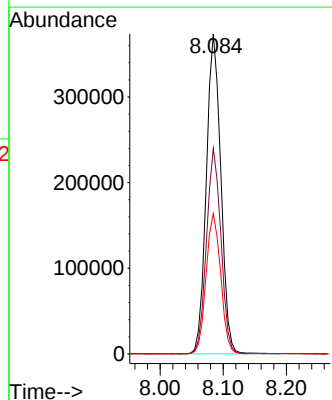
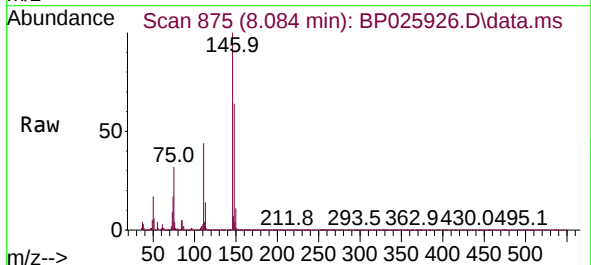
Instrument :
BNA_P
ClientSampleId :
PB169989BS

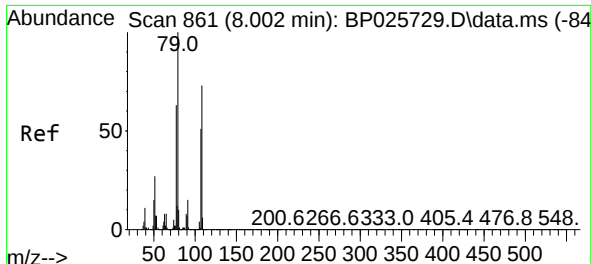
Tgt Ion:146 Resp: 618633
Ion Ratio Lower Upper
146 100
148 65.1 52.0 78.0
111 42.7 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 42.783 ng
RT: 8.084 min Scan# 875
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:146 Resp: 596334
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
111 43.8 35.5 53.3

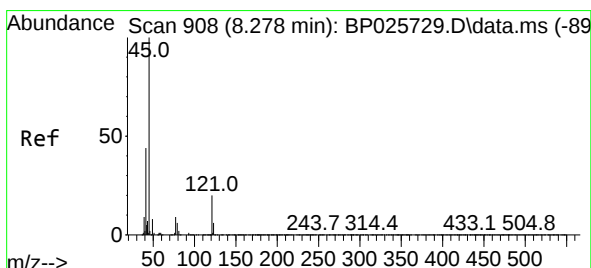
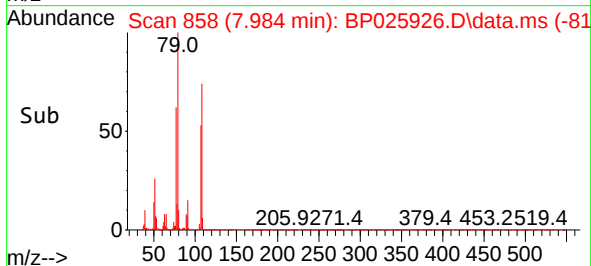
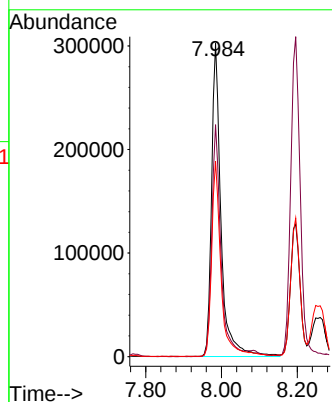
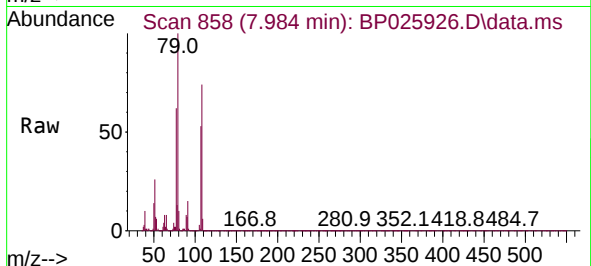




#15
Benzyl Alcohol
Concen: 42.587 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

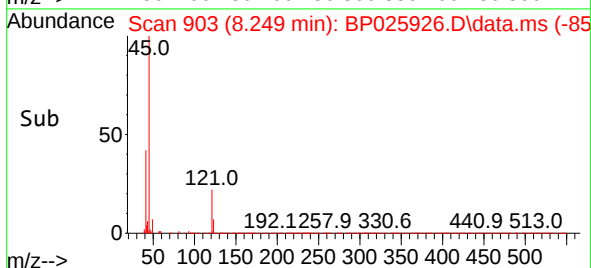
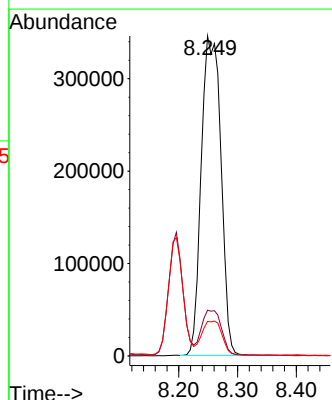
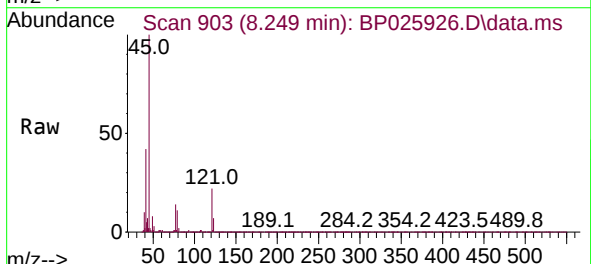
Instrument :
BNA_P
ClientSampleId :
PB169989BS

Tgt Ion: 79 Resp: 527687
Ion Ratio Lower Upper
79 100
108 74.1 58.7 88.1
77 62.3 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.583 ng
RT: 8.249 min Scan# 903
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 45 Resp: 801521
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.1
79 10.8 0.0 30.0

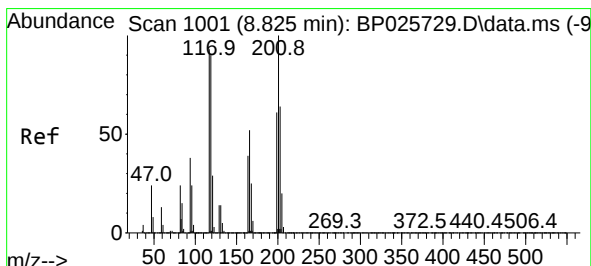
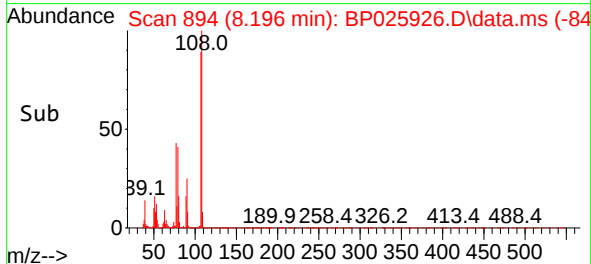
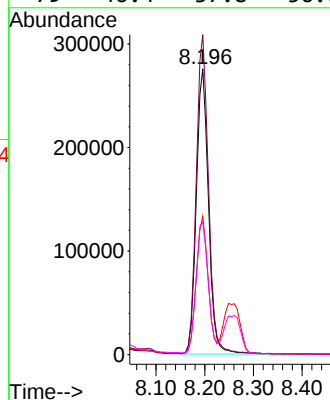
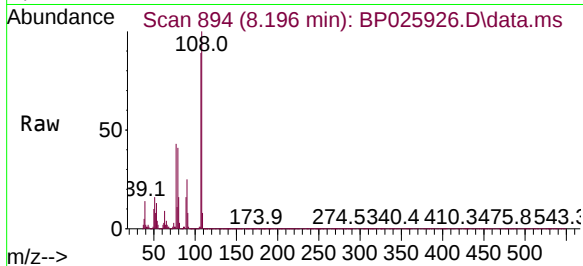




#17
2-Methylphenol
Concen: 44.733 ng
RT: 8.196 min Scan# 895
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

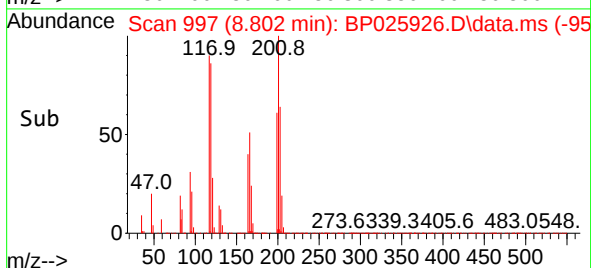
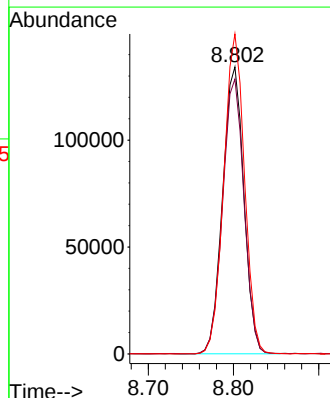
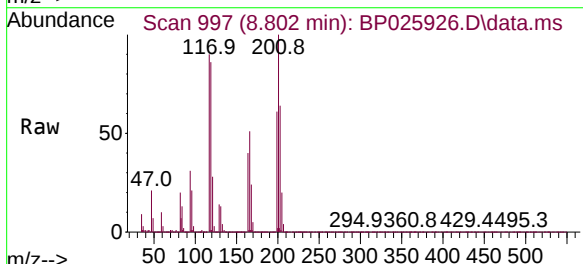
Instrument :
BNA_P
ClientSampleId :
PB169989BS

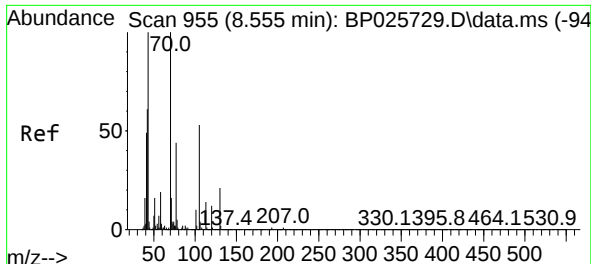
Tgt Ion:	107	Resp:	476855
Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.6	134.4
77	48.4	39.3	58.9
79	46.4	37.8	56.6



#18
Hexachloroethane
Concen: 42.309 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:	117	Resp:	231874
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.1	115.7
201	111.5	85.6	128.4



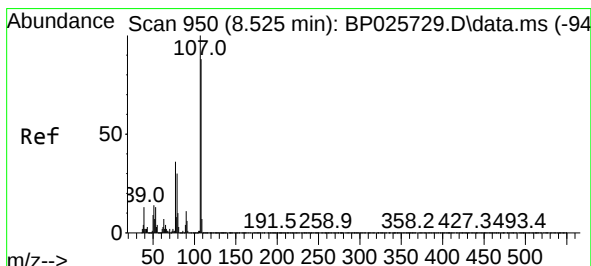
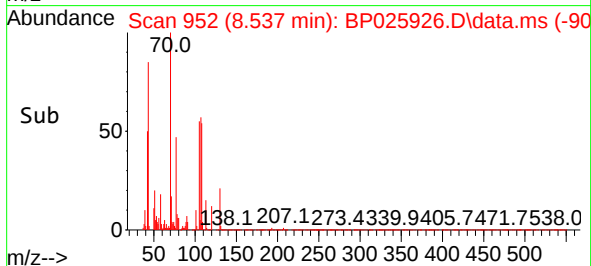
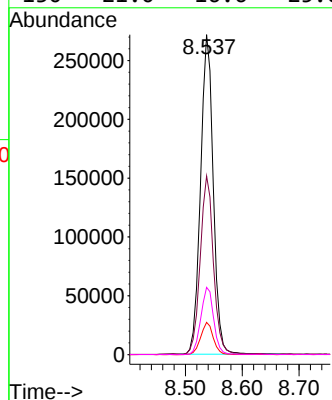
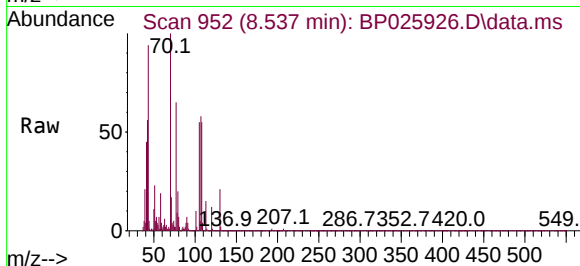


#19
n-Nitroso-di-n-propylamine
Concen: 40.280 ng
RT: 8.537 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Instrument :
BNA_P
ClientSampleId :
PB169989BS

Tgt Ion: 70 Resp: 421269

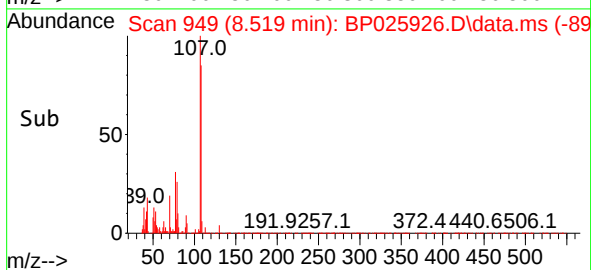
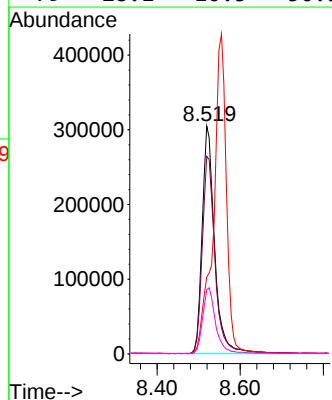
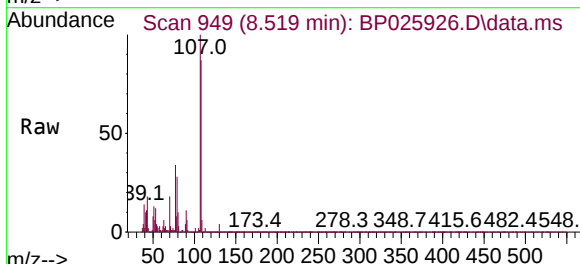
Ion	Ratio	Lower	Upper
70	100		
42	55.8	49.0	73.4
101	10.1	7.9	11.9
130	21.0	16.6	25.0

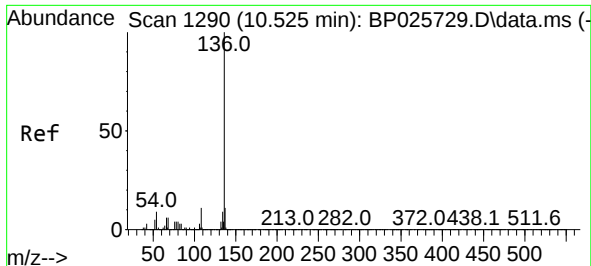


#20
3+4-Methylphenols
Concen: 42.643 ng
RT: 8.519 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 107 Resp: 636615

Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.8	107.8
77	33.7	16.1	56.1
79	28.1	10.5	50.5



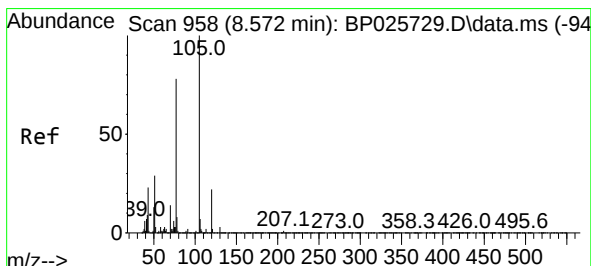
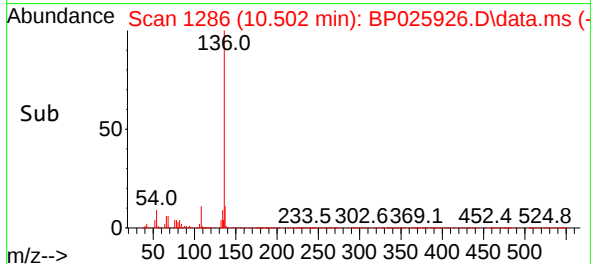
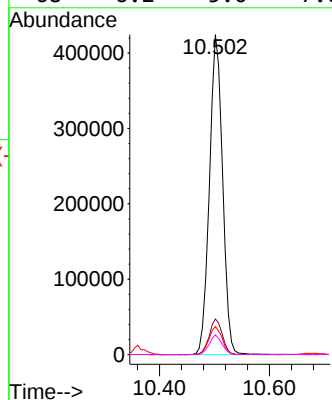
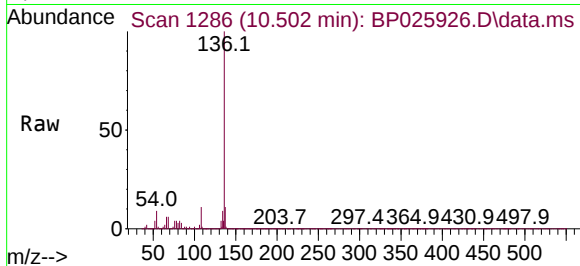


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.502 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Instrument :
BNA_P
ClientSampleId :
PB169989BS

Tgt Ion:136 Resp: 705808

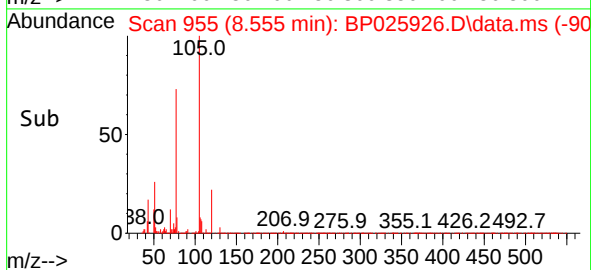
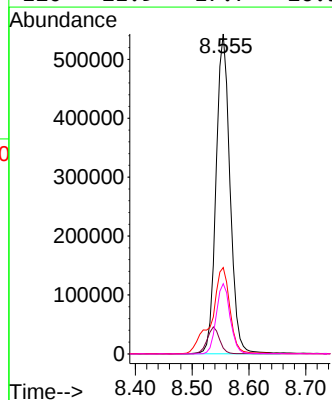
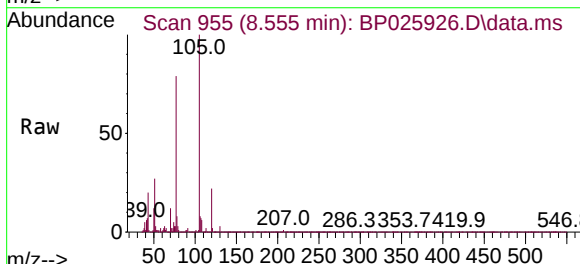
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.8	7.5	11.3
68	6.2	5.0	7.6

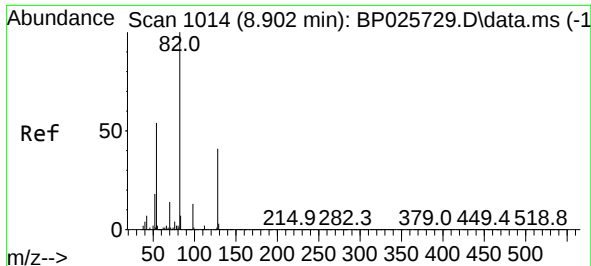


#22
Acetophenone
Concen: 49.052 ng
RT: 8.555 min Scan# 955
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:105 Resp: 925202

Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.8	2.8
51	27.0	23.5	35.3
120	21.9	17.7	26.5

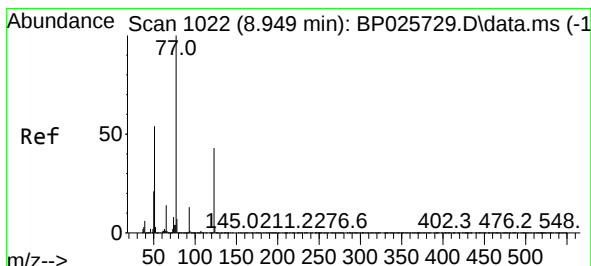
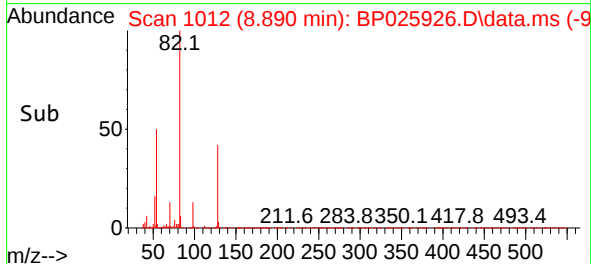
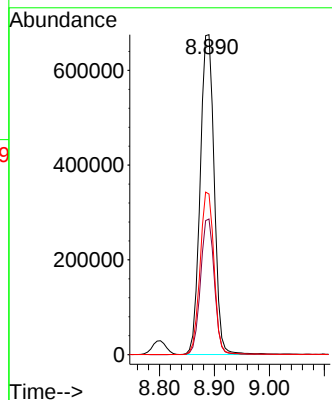
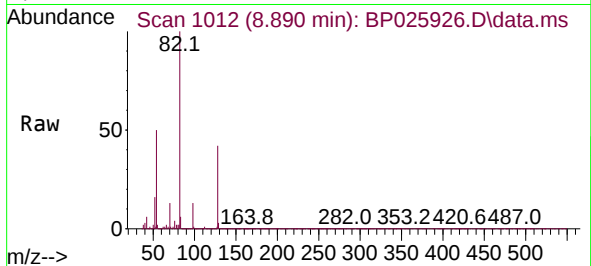




#23
Nitrobenzene-d5
Concen: 74.683 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

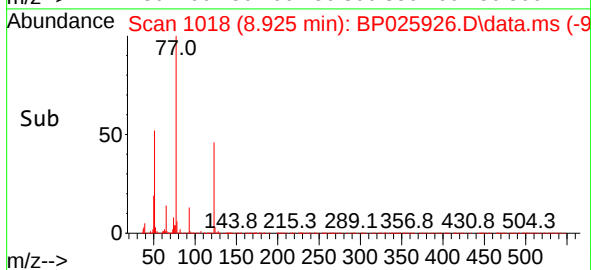
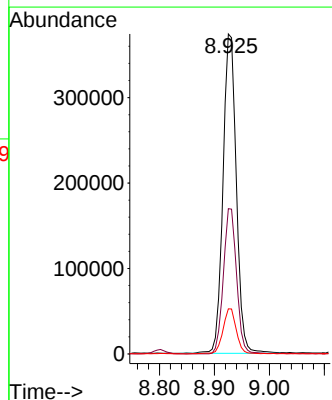
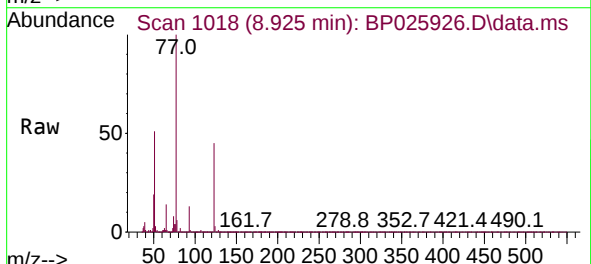
Instrument :
BNA_P
ClientSampleId :
PB169989BS

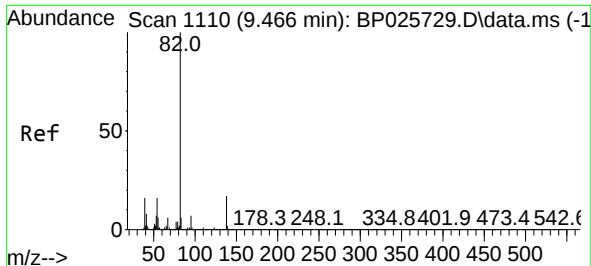
Tgt Ion: 82 Resp: 1194977
Ion Ratio Lower Upper
82 100
128 42.4 32.9 49.3
54 50.2 43.4 65.2



#24
Nitrobenzene
Concen: 43.913 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 77 Resp: 630331
Ion Ratio Lower Upper
77 100
123 45.4 34.4 51.6
65 14.1 10.8 16.2



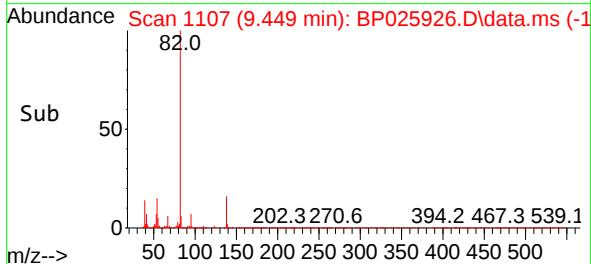
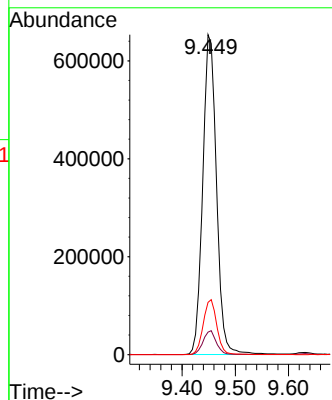
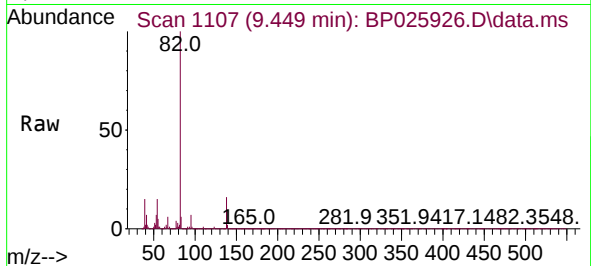


#25
Isophorone
Concen: 41.690 ng
RT: 9.449 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Instrument :
BNA_P
ClientSampleId :
PB169989BS

Tgt Ion: 82 Resp: 1172491

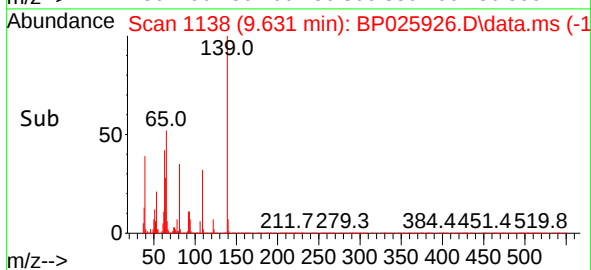
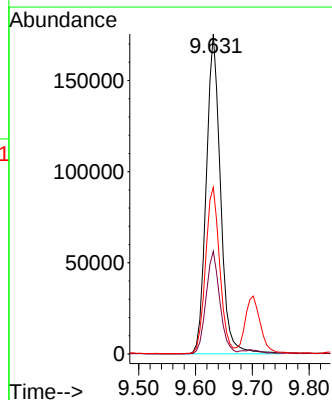
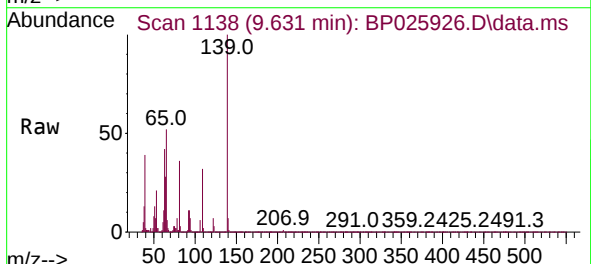
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.8
138	16.3	13.5	20.3

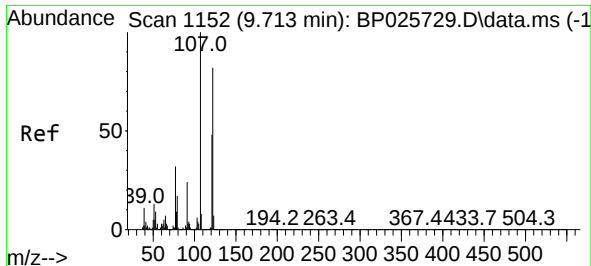


#26
2-Nitrophenol
Concen: 48.171 ng
RT: 9.631 min Scan# 1138
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 139 Resp: 306999

Ion	Ratio	Lower	Upper
139	100		
109	32.1	29.0	43.4
65	52.1	46.9	70.3

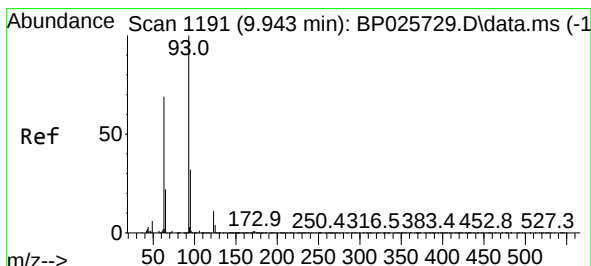
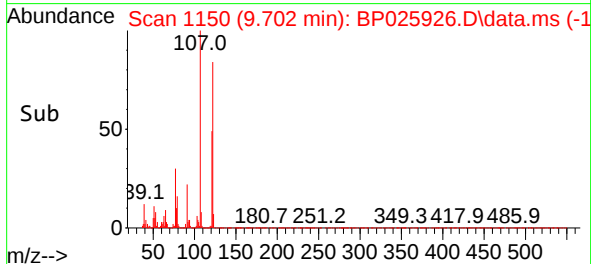
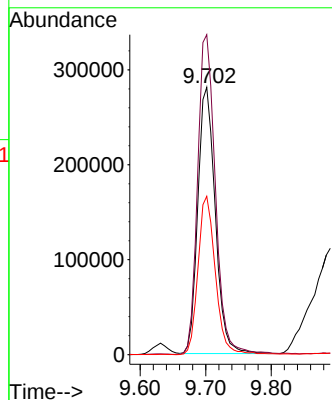
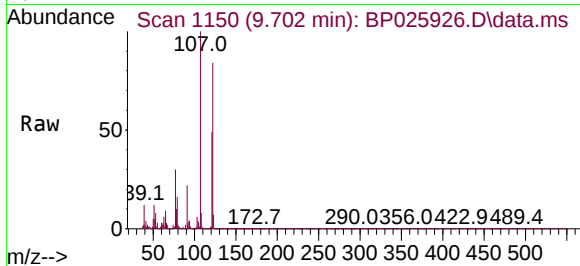




#27
2,4-Dimethylphenol
Concen: 46.155 ng
RT: 9.702 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

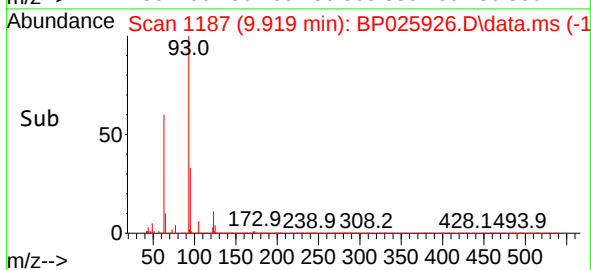
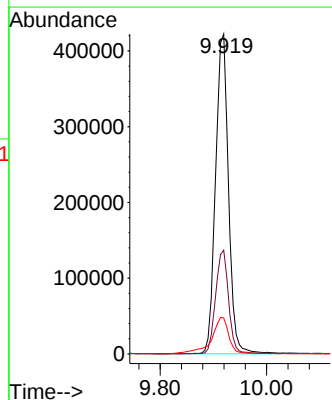
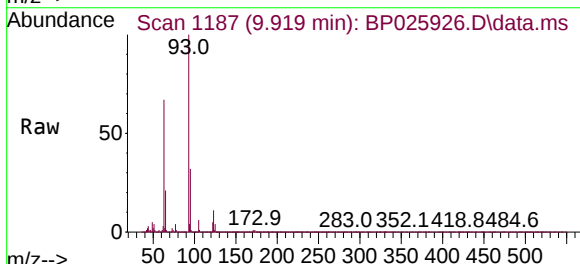
Instrument :
BNA_P
ClientSampleId :
PB169989BS

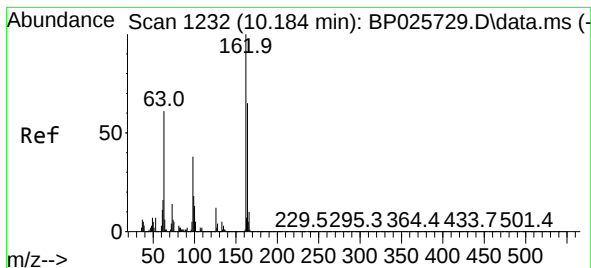
Tgt Ion:122 Resp: 516038
Ion Ratio Lower Upper
122 100
107 119.7 97.9 146.9
121 59.2 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.903 ng
RT: 9.919 min Scan# 1187
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 93 Resp: 713728
Ion Ratio Lower Upper
93 100
95 32.4 25.6 38.4
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.333 ng

RT: 10.178 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

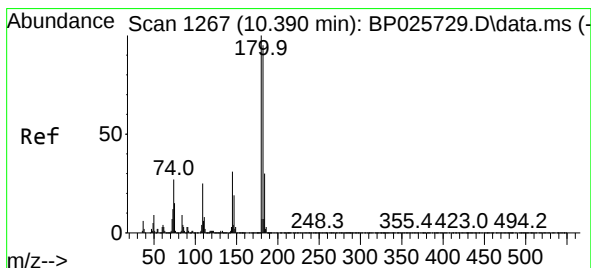
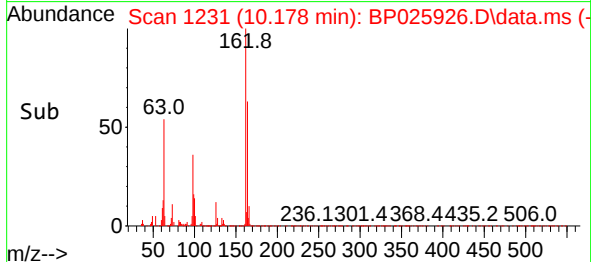
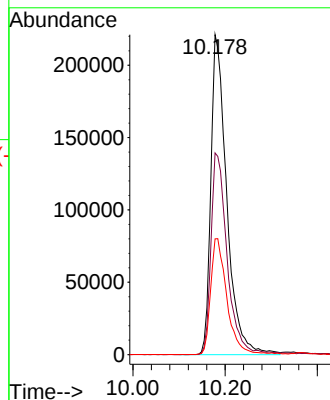
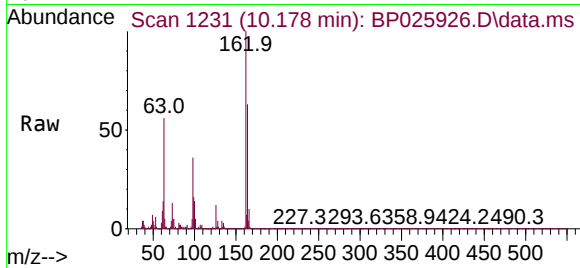
Tgt Ion:162 Resp: 527646

Ion Ratio Lower Upper

162 100

164 63.0 44.7 84.7

98 36.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 45.609 ng

RT: 10.366 min Scan# 1263

Delta R.T. -0.023 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

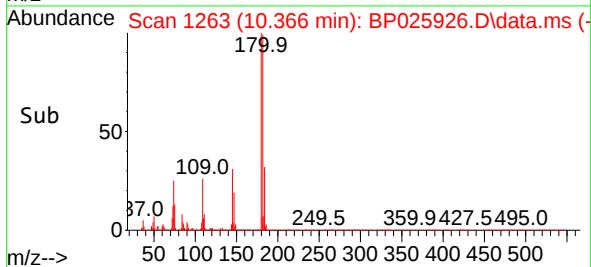
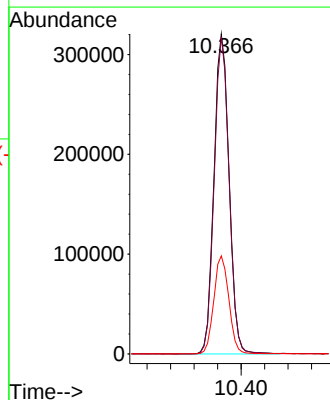
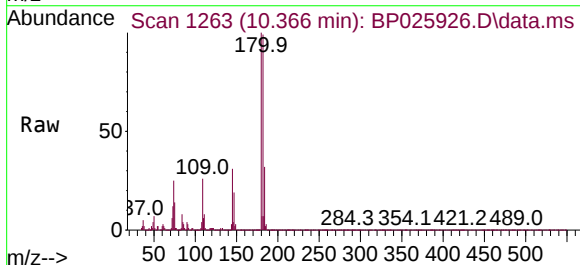
Tgt Ion:180 Resp: 573003

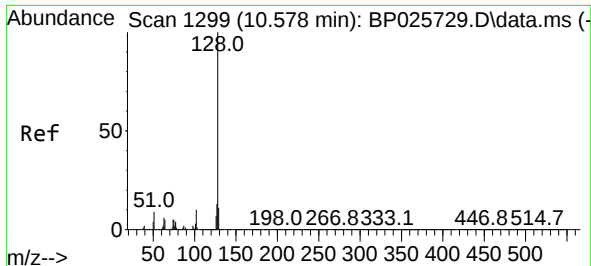
Ion Ratio Lower Upper

180 100

182 99.1 76.0 114.0

145 30.6 24.7 37.1

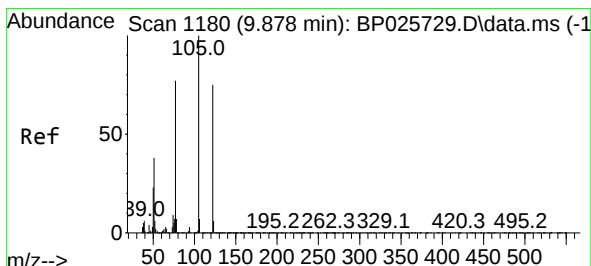
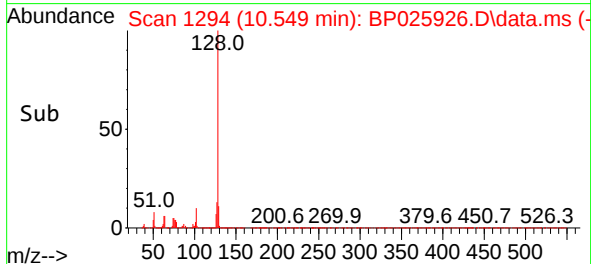
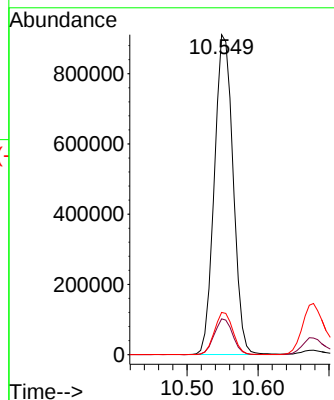
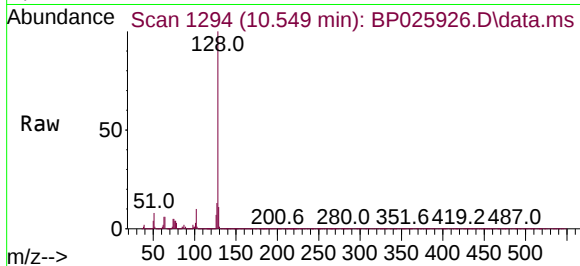




#31
Naphthalene
Concen: 43.898 ng
RT: 10.549 min Scan# 1183
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

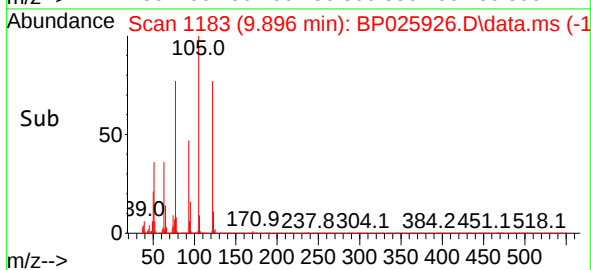
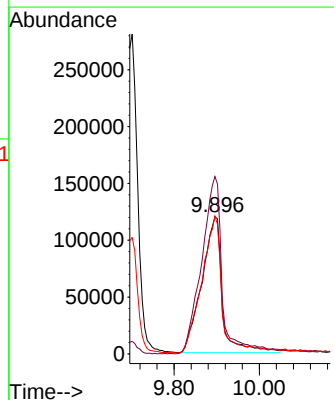
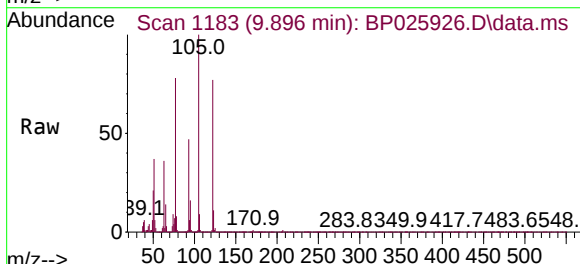
Instrument :
BNA_P
ClientSampleId :
PB169989BS

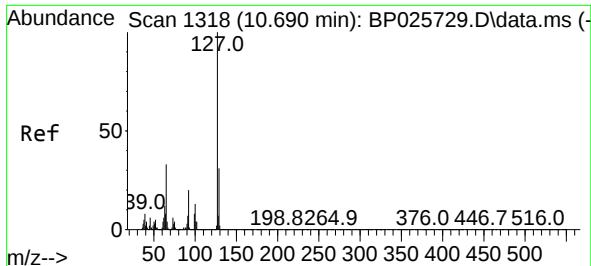
Tgt Ion:128 Resp: 1670664
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.2 10.2 15.4



#32
Benzoic acid
Concen: 48.280 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:122 Resp: 401328
Ion Ratio Lower Upper
122 100
105 129.5 111.5 151.5
77 100.6 81.8 121.8

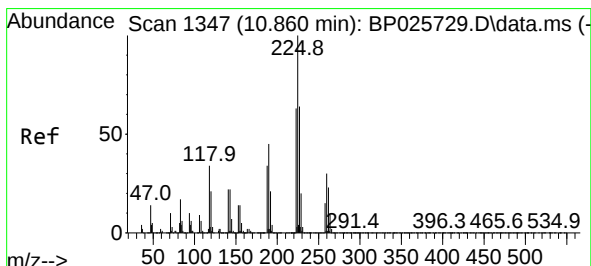
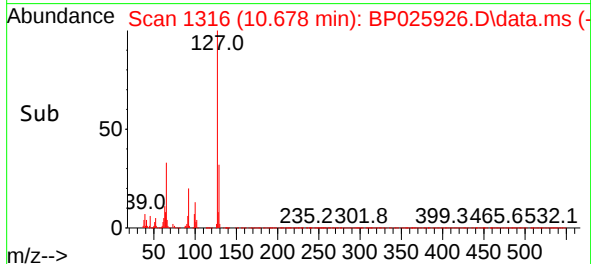
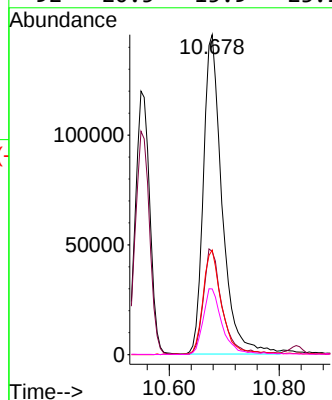
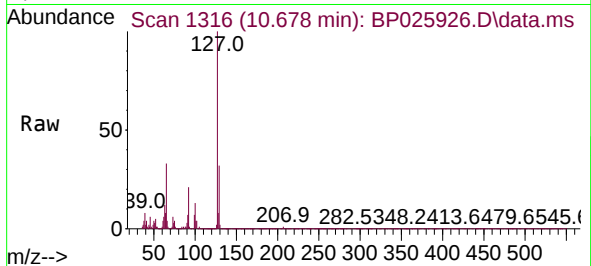




#33
4-Chloroaniline
Concen: 21.716 ng
RT: 10.678 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

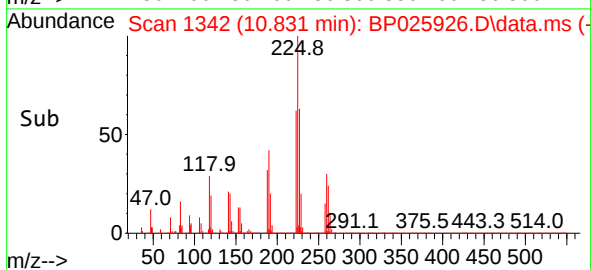
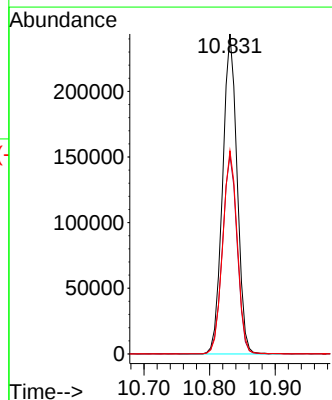
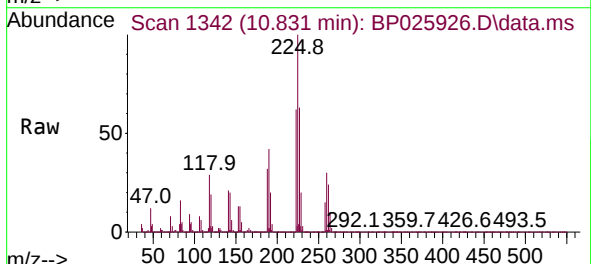
Instrument :
BNA_P
ClientSampleId :
PB169989BS

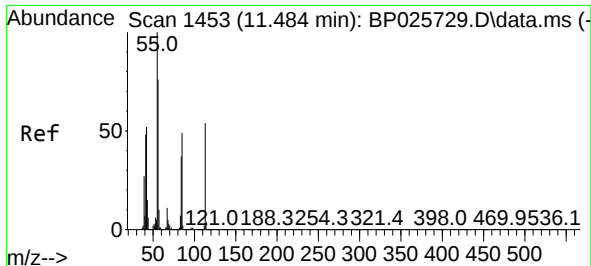
Tgt Ion:	127	Resp:	344464
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.1	37.7
65	32.7	26.4	39.6
92	20.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 46.406 ng
RT: 10.831 min Scan# 1342
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:	225	Resp:	375311
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.1	75.1
227	63.5	51.2	76.8

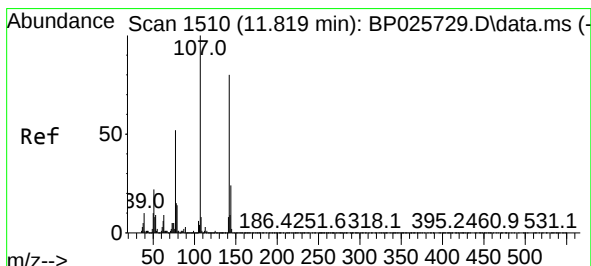
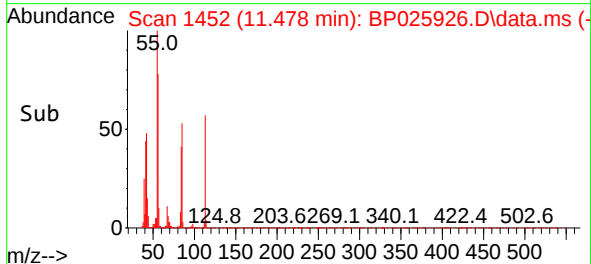
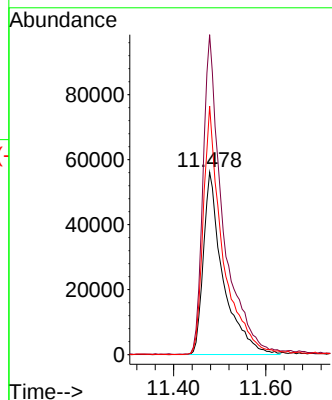
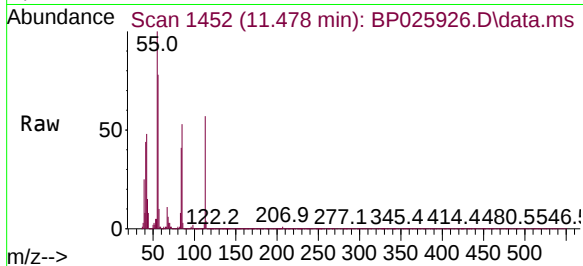




#35
Caprolactam
Concen: 38.703 ng
RT: 11.478 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

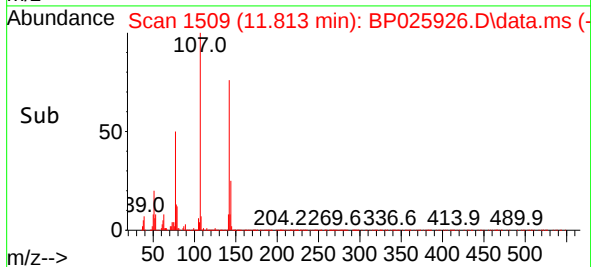
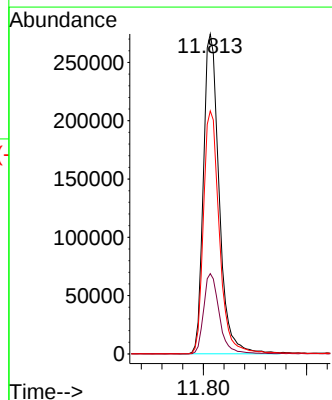
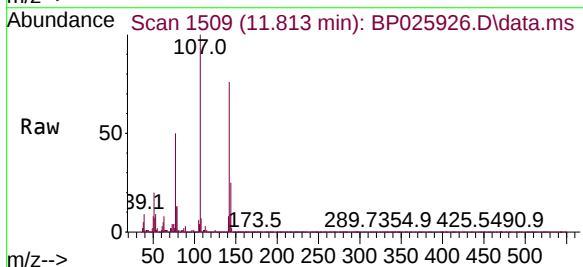
Instrument :
BNA_P
ClientSampleId :
PB169989BS

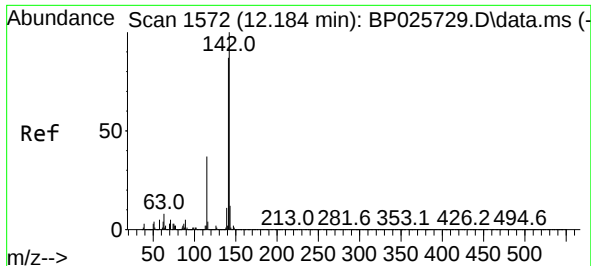
Tgt Ion	Ratio	Lower	Upper
113	100		
55	175.6	165.5	205.5
56	136.4	121.1	161.1



#36
4-Chloro-3-methylphenol
Concen: 43.654 ng
RT: 11.813 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.4	29.2
142	75.9	63.8	95.6

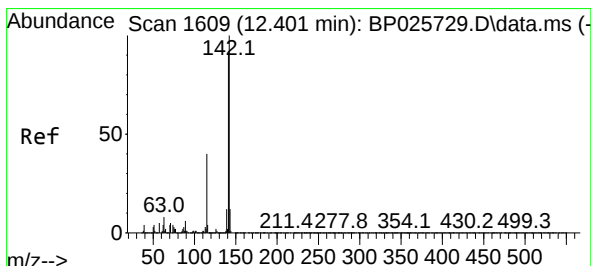
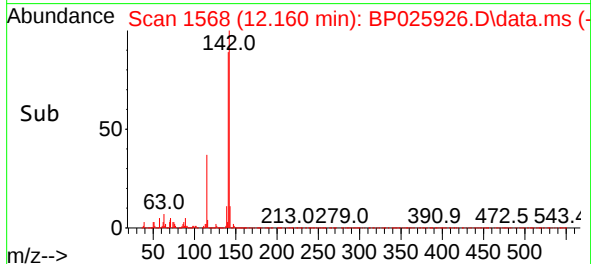
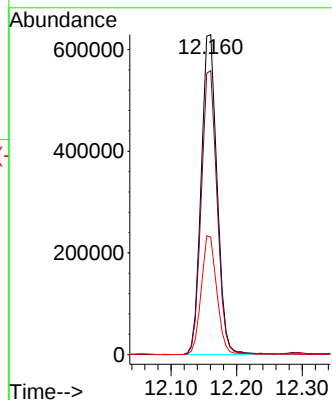
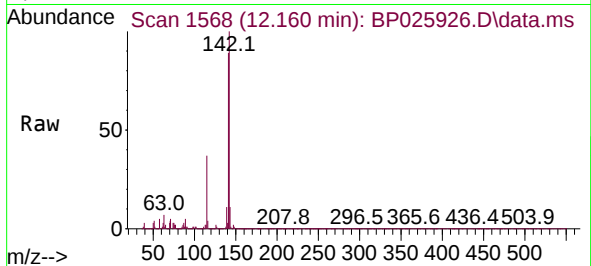




#37
2-Methylnaphthalene
Concen: 43.071 ng
RT: 12.160 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

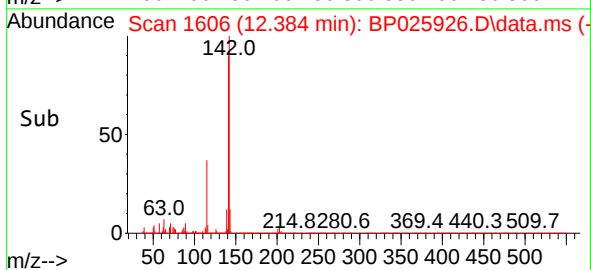
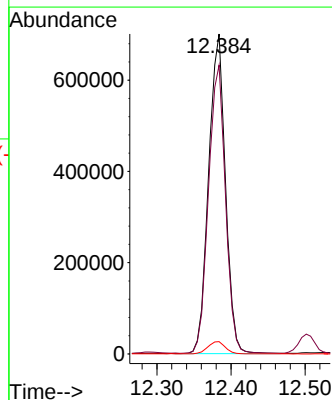
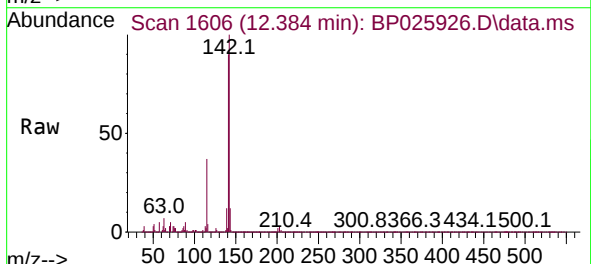
Instrument :
BNA_P
ClientSampleId :
PB169989BS

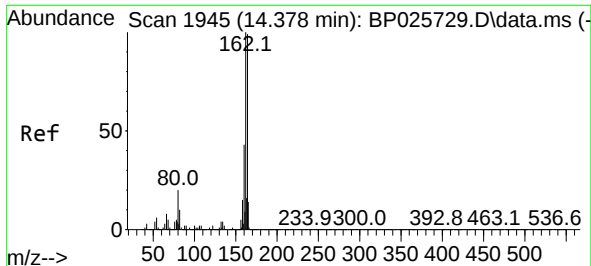
Tgt Ion:142 Resp: 1052812
Ion Ratio Lower Upper
142 100
141 88.7 69.6 104.4
115 36.7 30.0 45.0



#38
1-Methylnaphthalene
Concen: 42.322 ng
RT: 12.384 min Scan# 1606
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:142 Resp: 1103165
Ion Ratio Lower Upper
142 100
141 90.2 72.7 109.1
116 3.8 3.5 5.3

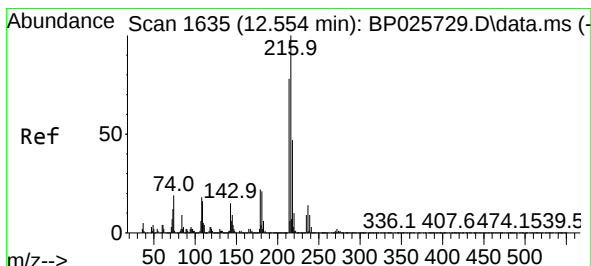
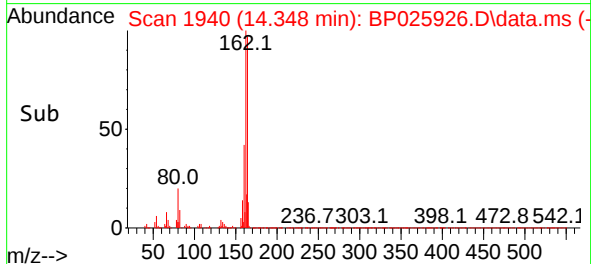
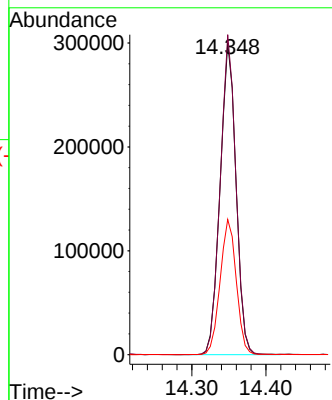
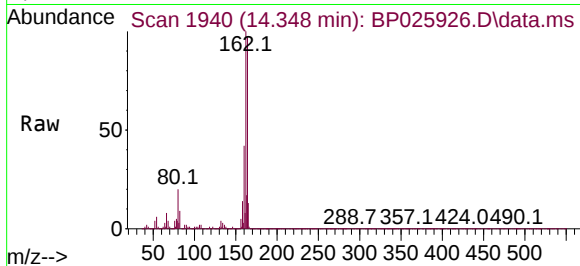




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

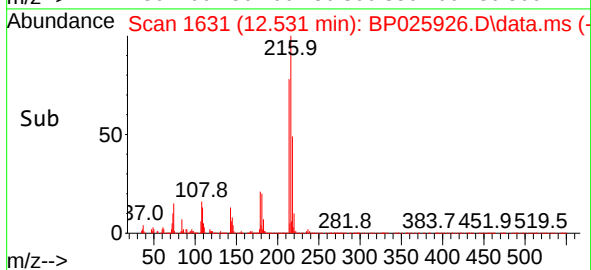
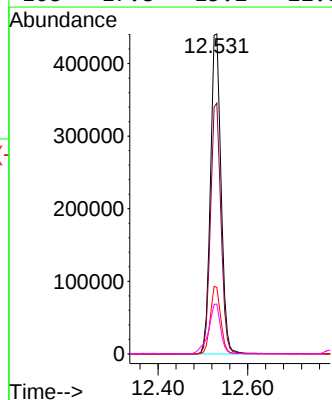
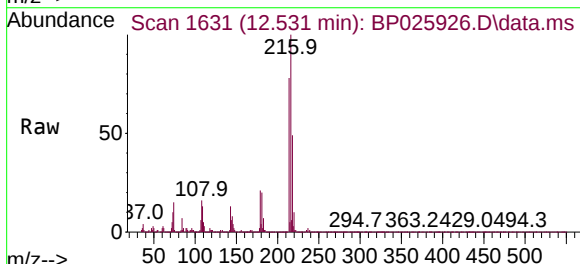
Instrument :
BNA_P
ClientSampleId :
PB169989BS

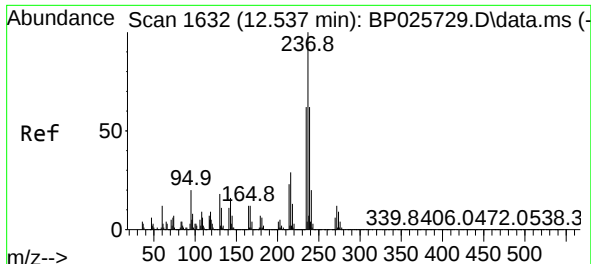
Tgt Ion:164 Resp: 446200
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 43.4 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.209 ng
RT: 12.531 min Scan# 1631
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:216 Resp: 719436
Ion Ratio Lower Upper
216 100
214 77.9 62.4 93.6
179 20.8 17.0 25.6
108 17.8 15.2 22.8

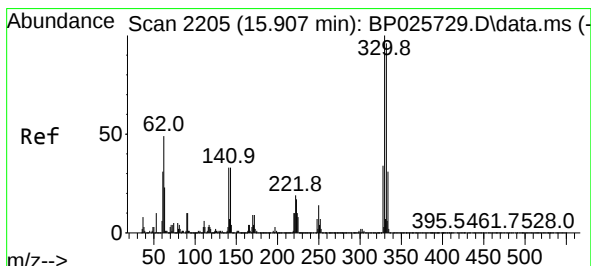
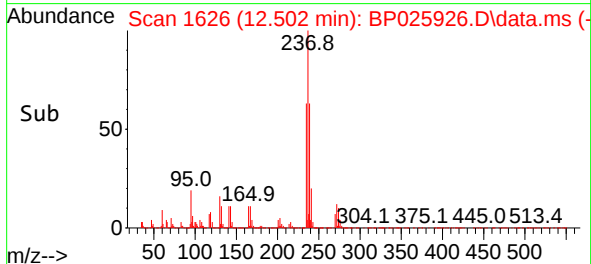
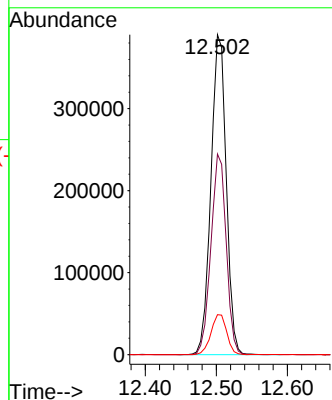
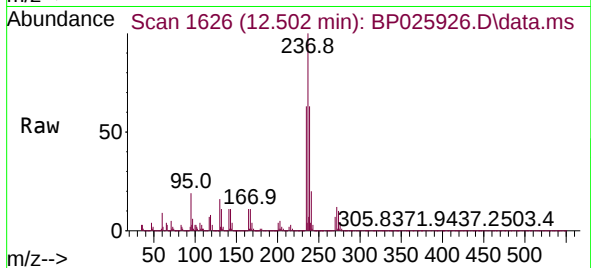




#41
Hexachlorocyclopentadiene
Concen: 79.070 ng
RT: 12.502 min Scan# 10
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

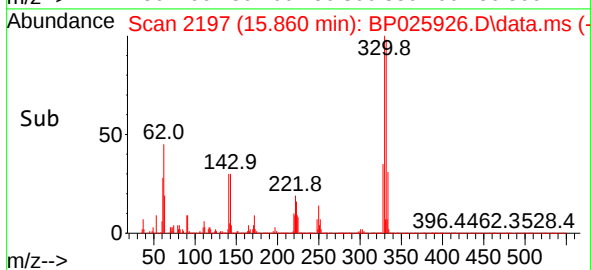
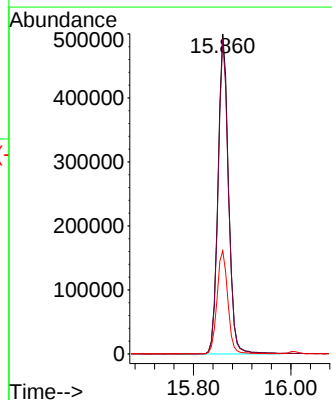
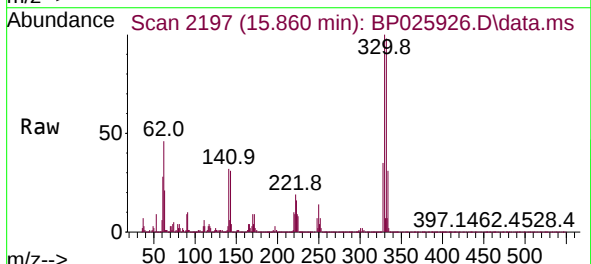
Instrument :
BNA_P
ClientSampleId :
PB169989BS

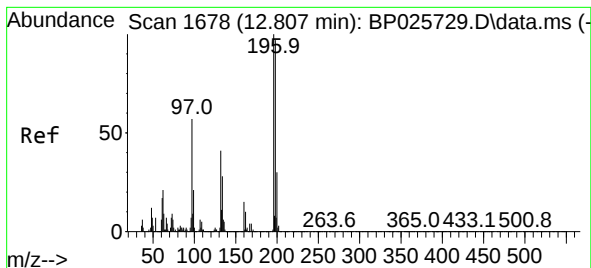
Tgt Ion:237 Resp: 582273
Ion Ratio Lower Upper
237 100
235 62.7 41.9 81.9
272 12.5 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 134.070 ng
RT: 15.860 min Scan# 2197
Delta R.T. -0.047 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:330 Resp: 746159
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 33.1 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 47.780 ng

RT: 12.784 min Scan# 1678

Delta R.T. -0.023 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

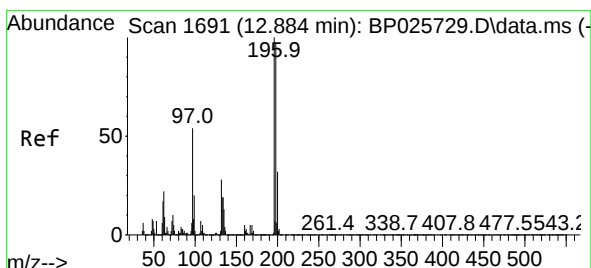
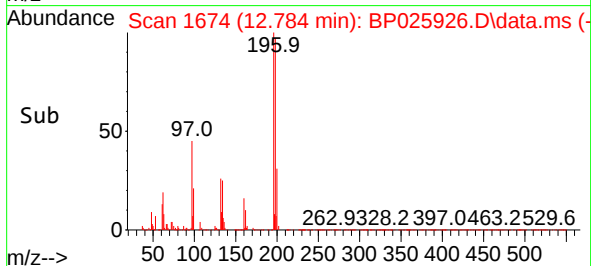
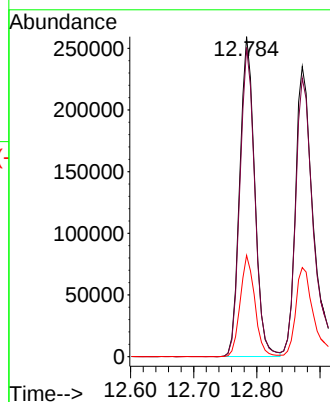
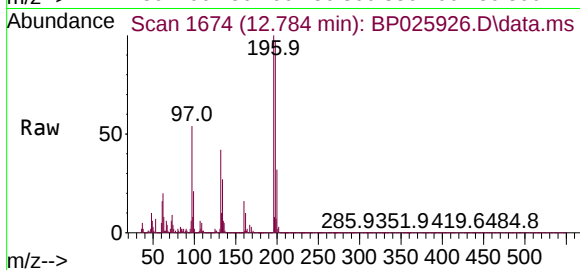
Tgt Ion:196 Resp: 424698

Ion Ratio Lower Upper

196 100

198 96.6 77.2 115.8

200 31.6 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 46.902 ng

RT: 12.872 min Scan# 1689

Delta R.T. -0.012 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Tgt Ion:196 Resp: 463981

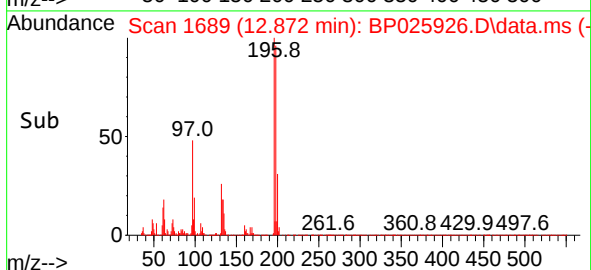
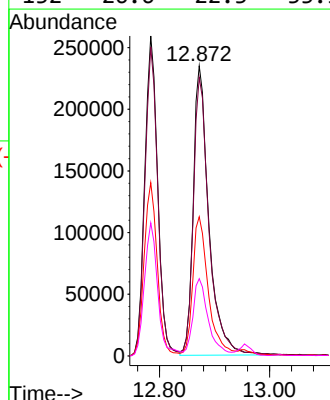
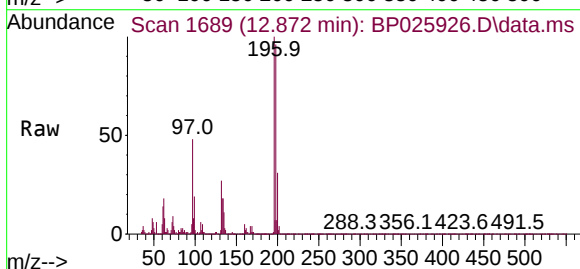
Ion Ratio Lower Upper

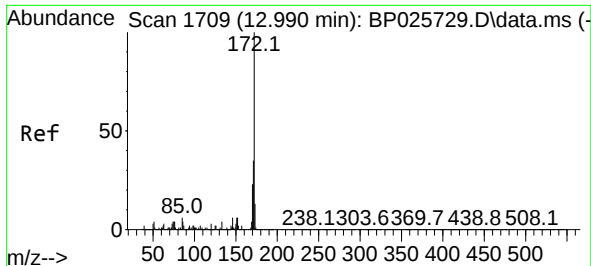
196 100

198 95.9 77.8 116.8

97 47.9 43.3 64.9

132 26.6 22.3 33.5

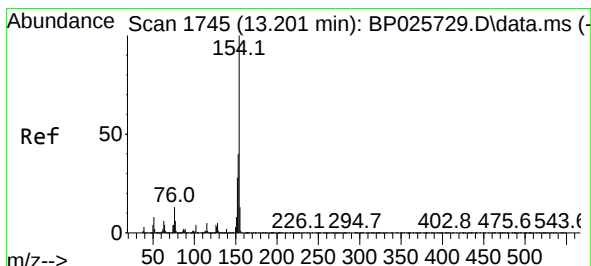
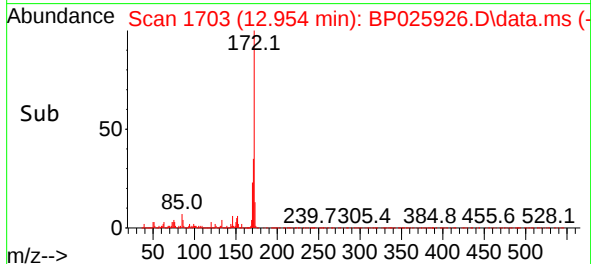
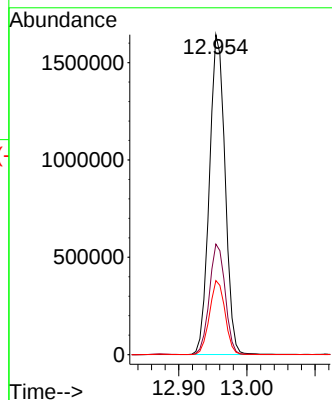
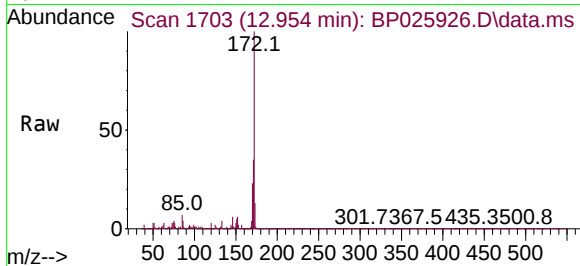




#45
2-Fluorobiphenyl
Concen: 78.418 ng
RT: 12.954 min Scan# 1703
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

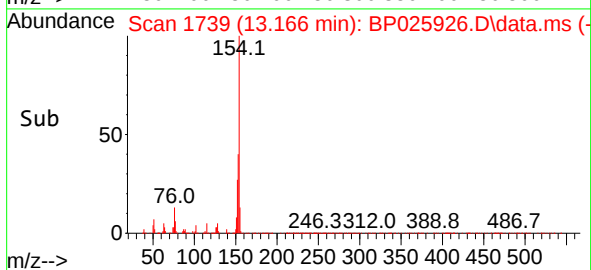
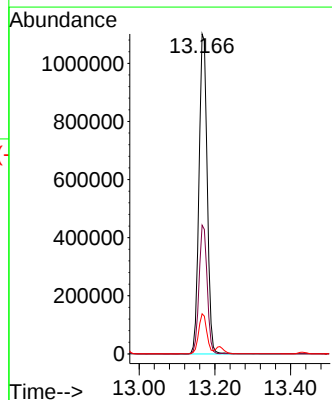
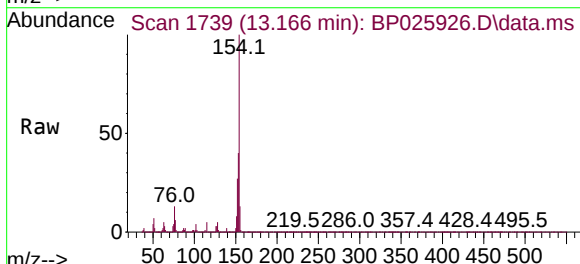
Instrument :
BNA_P
ClientSampleId :
PB169989BS

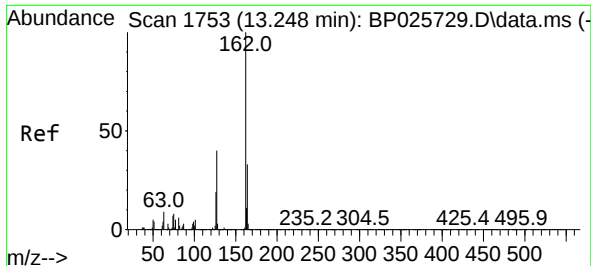
Tgt Ion:172 Resp: 2627876
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 50.134 ng
RT: 13.166 min Scan# 1739
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:154 Resp: 1641960
Ion Ratio Lower Upper
154 100
153 40.2 19.7 59.7
76 12.5 0.0 33.3

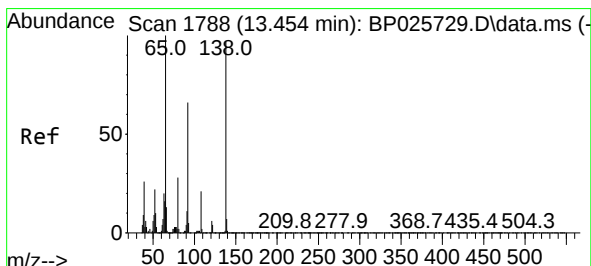
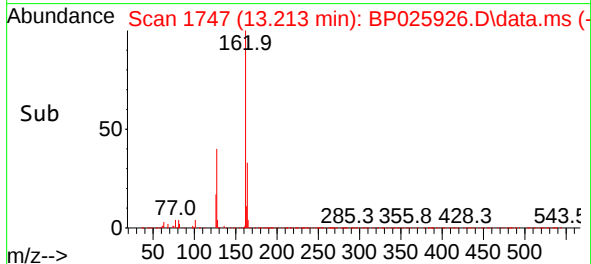
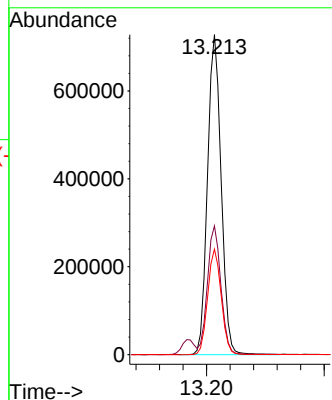
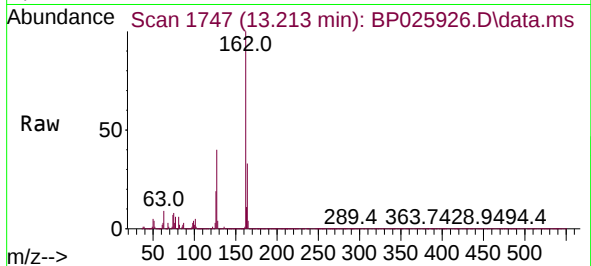




#47
2-Chloronaphthalene
Concen: 45.466 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

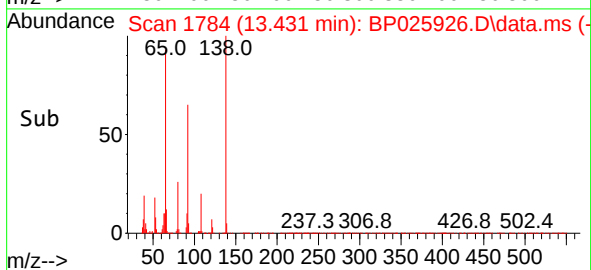
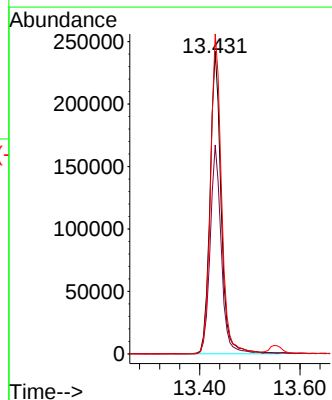
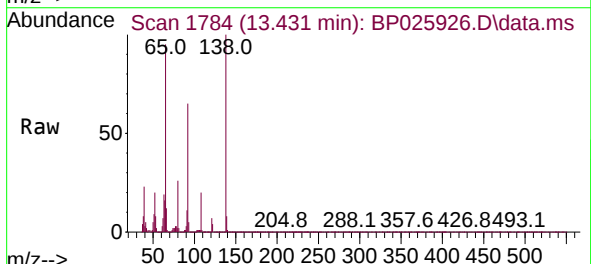
Instrument :
BNA_P
ClientSampleId :
PB169989BS

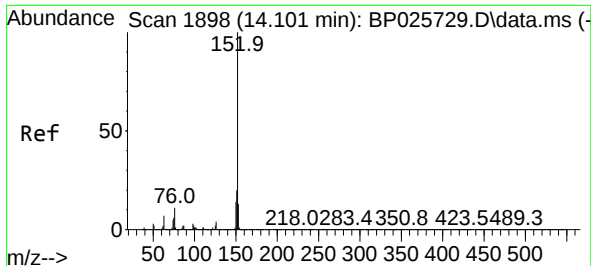
Tgt Ion:162 Resp: 1172498
Ion Ratio Lower Upper
162 100
127 40.2 32.2 48.4
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 43.407 ng
RT: 13.431 min Scan# 1784
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 65 Resp: 373141
Ion Ratio Lower Upper
65 100
92 69.1 53.1 79.7
138 105.8 77.8 116.8

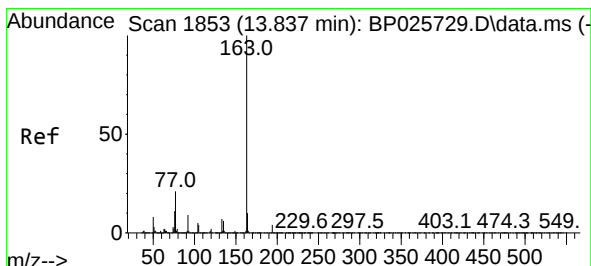
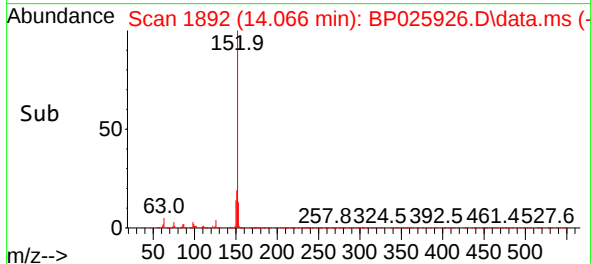
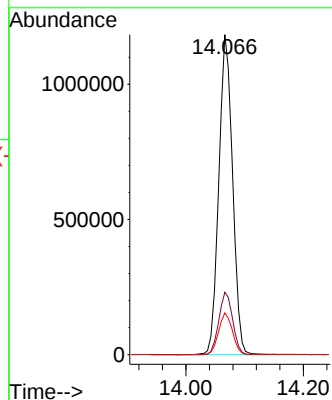
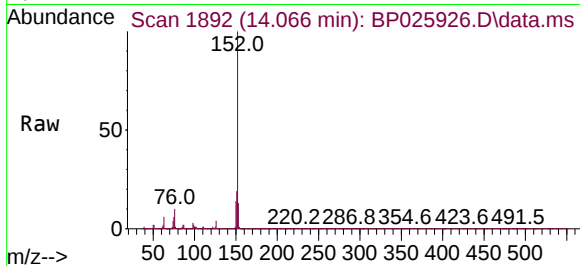




#49
Acenaphthylene
Concen: 44.951 ng
RT: 14.066 min Scan# 1892
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

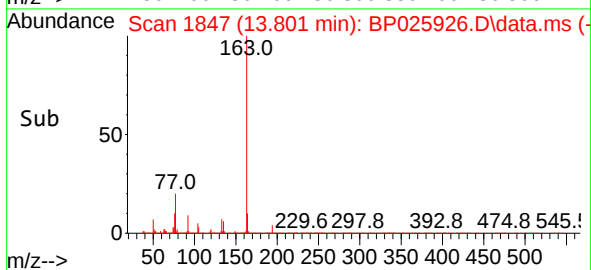
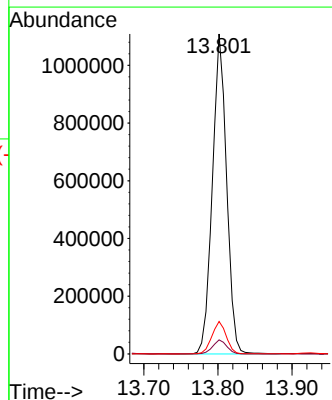
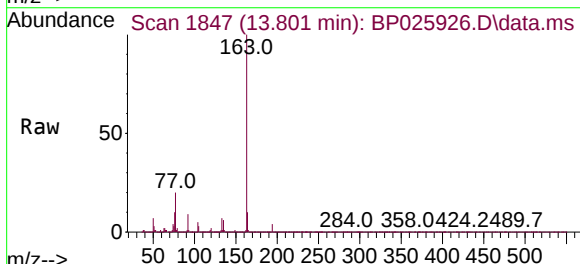
Instrument :
BNA_P
ClientSampleId :
PB169989BS

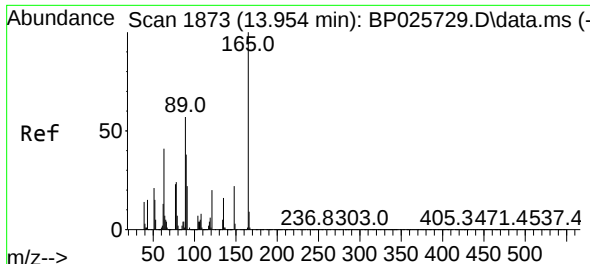
Tgt Ion:152 Resp: 1920689
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 43.369 ng
RT: 13.801 min Scan# 1847
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:163 Resp: 1477408
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 8.2 12.2

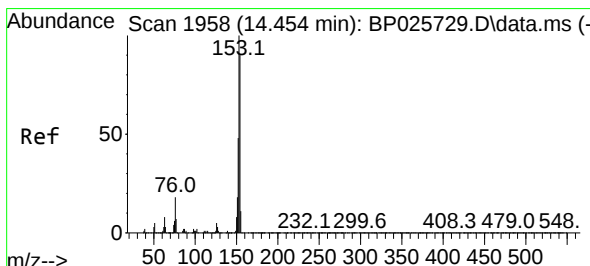
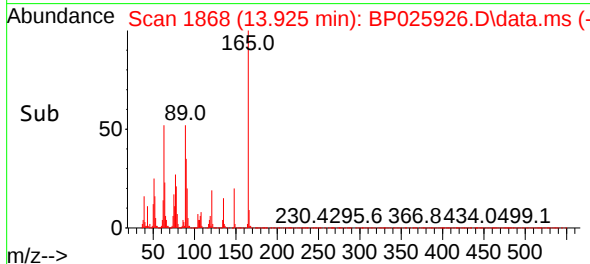
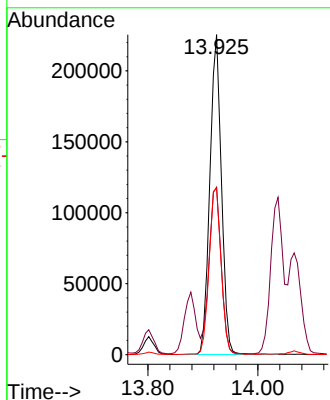
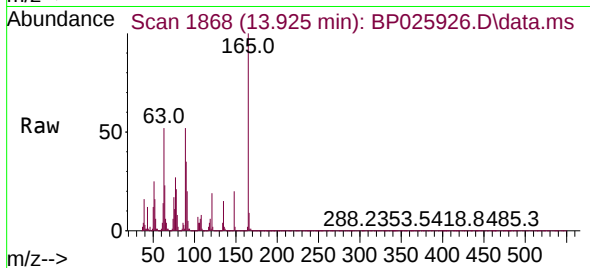




#51
2,6-Dinitrotoluene
Concen: 45.687 ng
RT: 13.925 min Scan# 1873
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

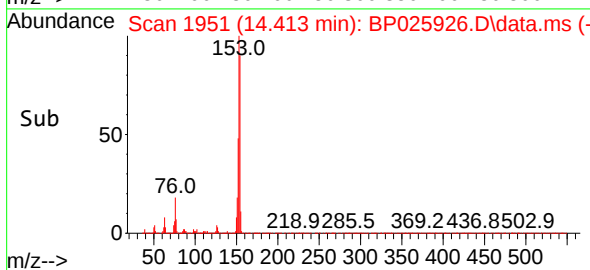
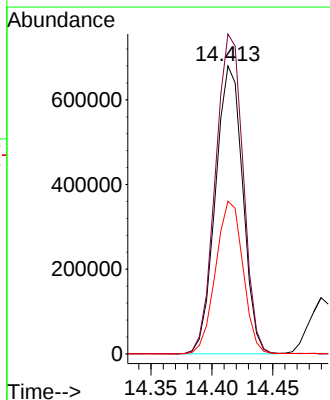
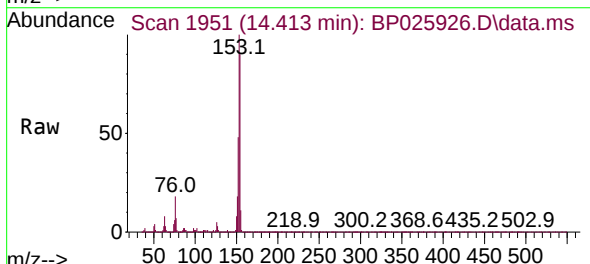
Instrument :
BNA_P
ClientSampleId :
PB169989BS

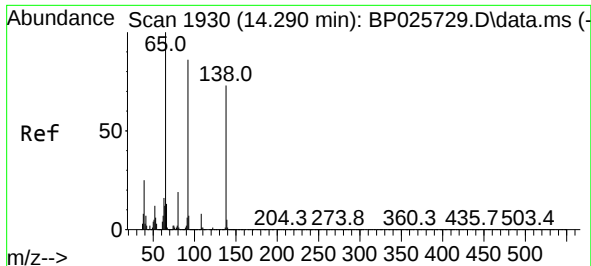
Tgt Ion:165 Resp: 329743
Ion Ratio Lower Upper
165 100
63 52.3 48.1 72.1
89 52.0 45.4 68.0



#52
Acenaphthene
Concen: 43.074 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.041 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:154 Resp: 1061393
Ion Ratio Lower Upper
154 100
153 111.2 89.4 134.0
152 53.0 42.5 63.7

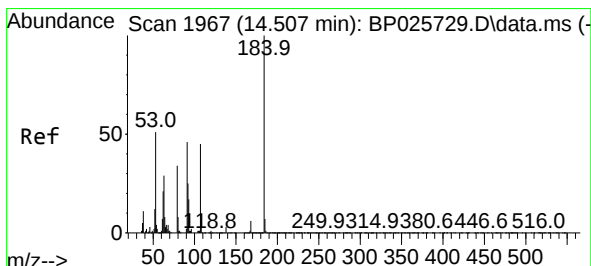
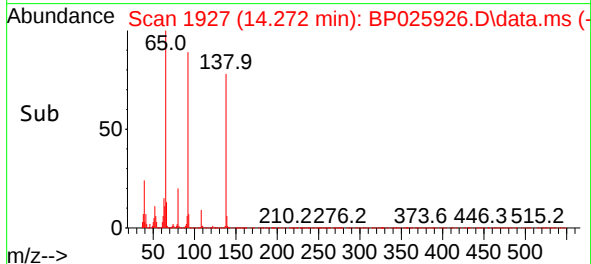
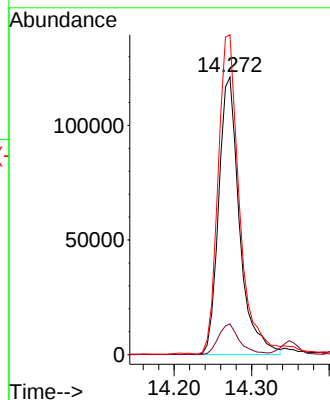
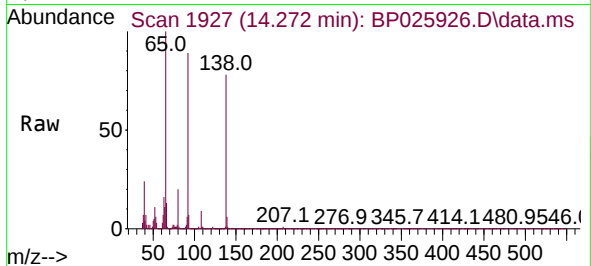




#53
3-Nitroaniline
Concen: 29.818 ng
RT: 14.272 min Scan# 1930
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

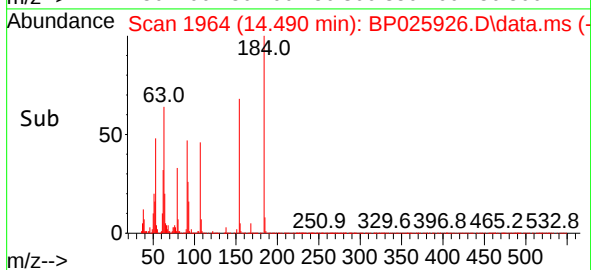
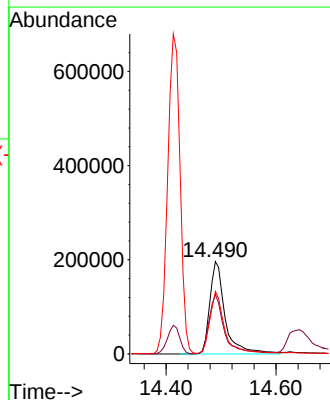
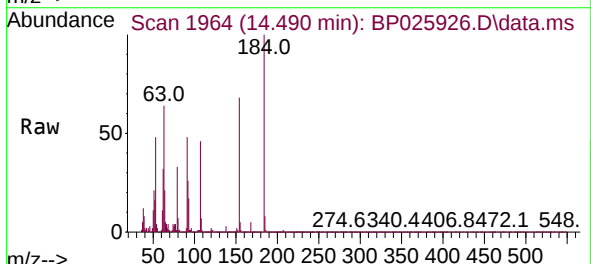
Instrument :
BNA_P
ClientSampleId :
PB169989BS

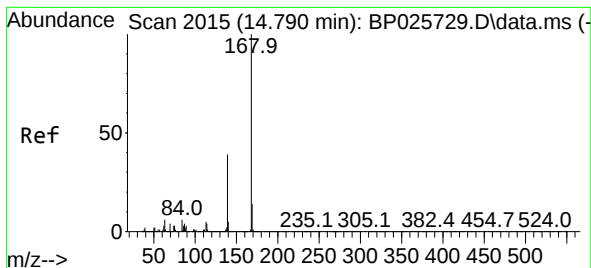
Tgt Ion:138 Resp: 226308
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 115.3 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 80.595 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.017 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:184 Resp: 378378
Ion Ratio Lower Upper
184 100
63 64.2 52.5 78.7
154 67.8 51.5 77.3





#55

Dibenzofuran

Concen: 43.138 ng

RT: 14.754 min Scan# 20

Delta R.T. -0.035 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

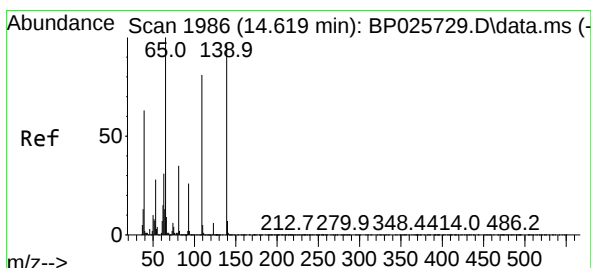
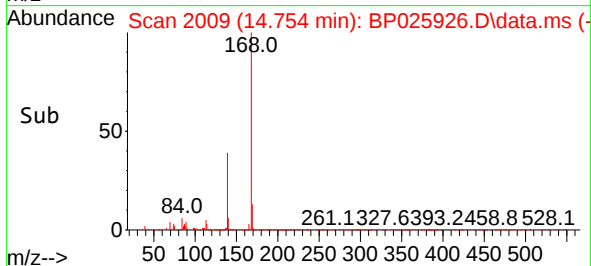
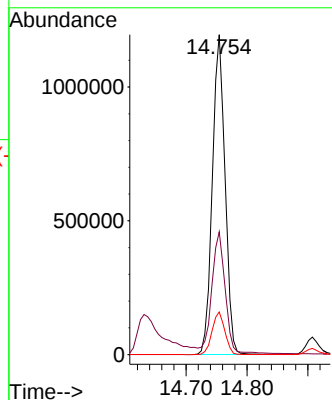
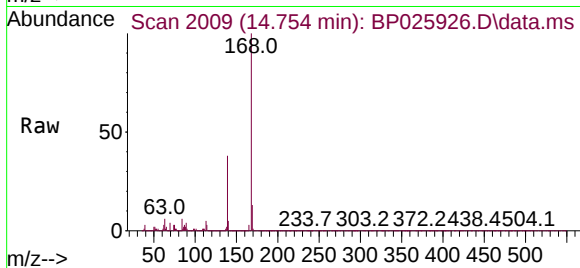
Tgt Ion:168 Resp: 1732447

Ion Ratio Lower Upper

168 100

139 38.4 31.7 47.5

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 68.863 ng

RT: 14.631 min Scan# 1988

Delta R.T. 0.012 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

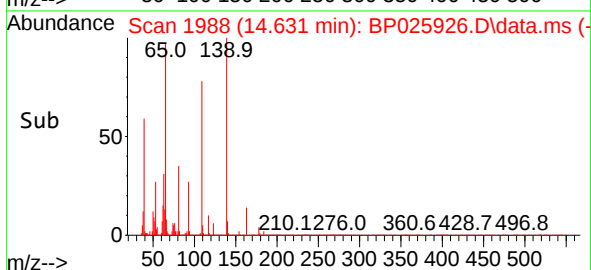
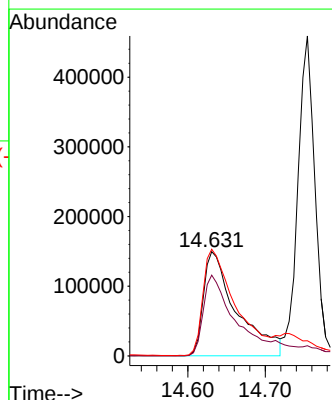
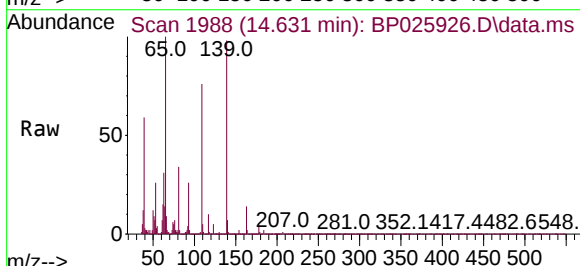
Tgt Ion:139 Resp: 445764

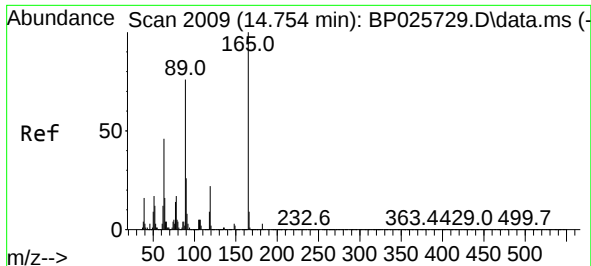
Ion Ratio Lower Upper

139 100

109 77.4 62.9 102.9

65 102.3 83.4 123.4

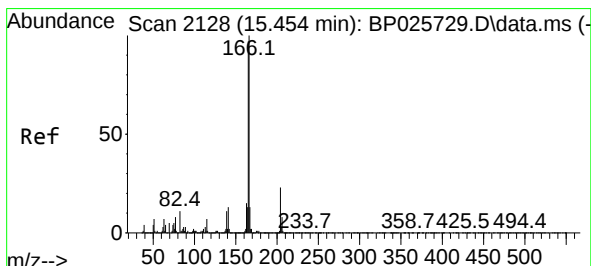
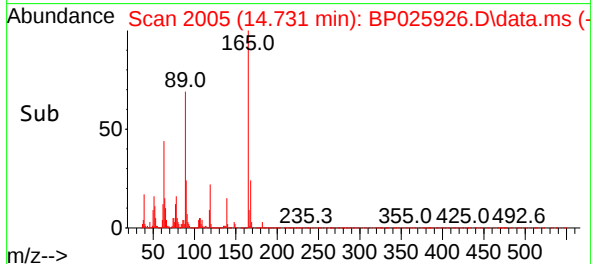
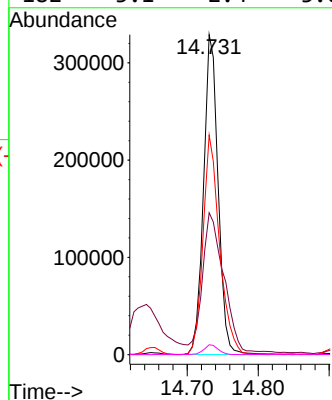
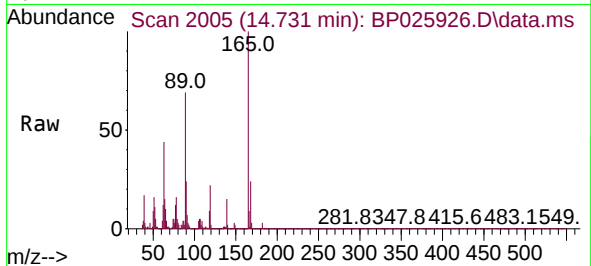




#57
2,4-Dinitrotoluene
Concen: 45.326 ng
RT: 14.731 min Scan# 2009
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

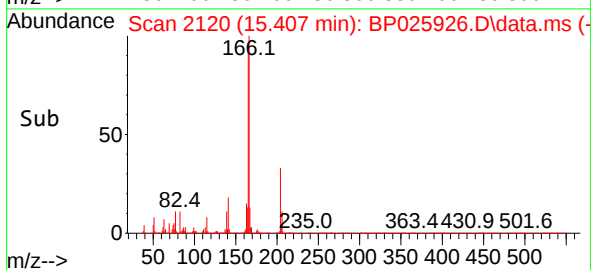
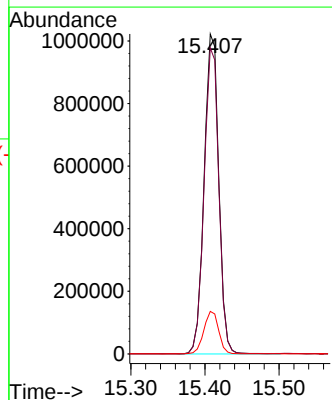
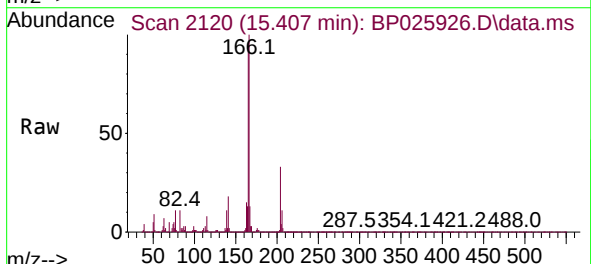
Instrument :
BNA_P
ClientSampleId :
PB169989BS

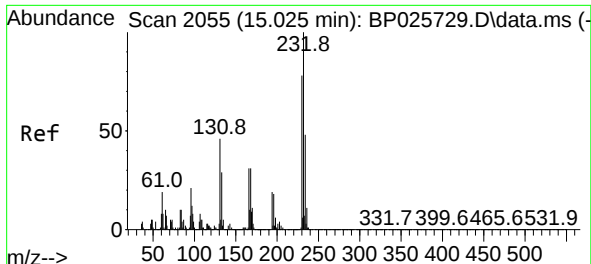
Tgt Ion:165 Resp: 465563
Ion Ratio Lower Upper
165 100
63 44.3 37.7 56.5
89 68.6 61.0 91.6
182 3.1 2.4 3.6



#58
Fluorene
Concen: 43.842 ng
RT: 15.407 min Scan# 2120
Delta R.T. -0.047 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:166 Resp: 1400085
Ion Ratio Lower Upper
166 100
165 95.6 77.7 116.5
167 13.3 10.6 16.0

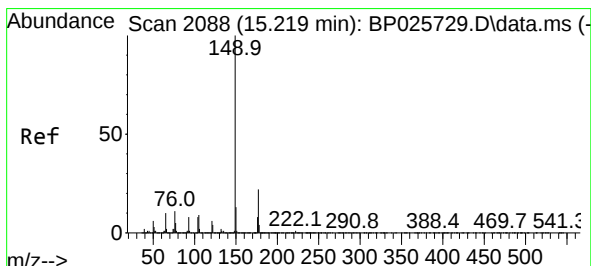
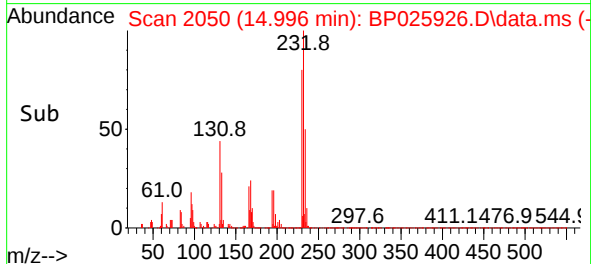
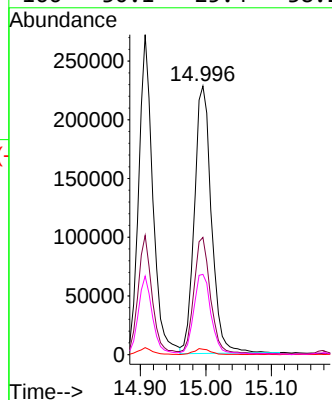
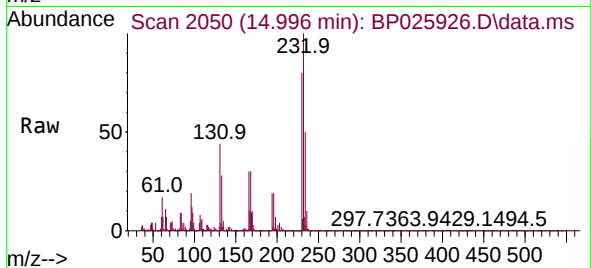




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.100 ng
RT: 14.996 min Scan# 2050
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

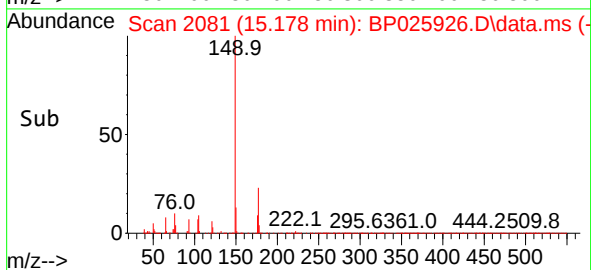
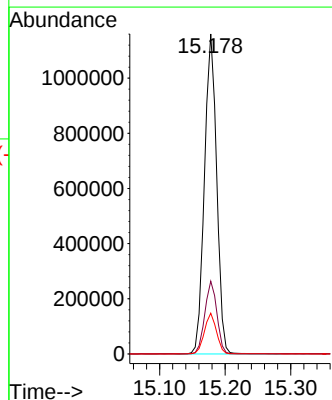
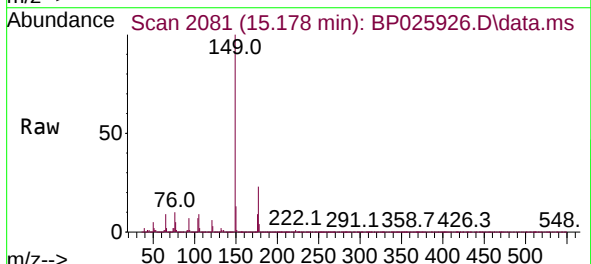
Instrument :
BNA_P
ClientSampleId :
PB169989BS

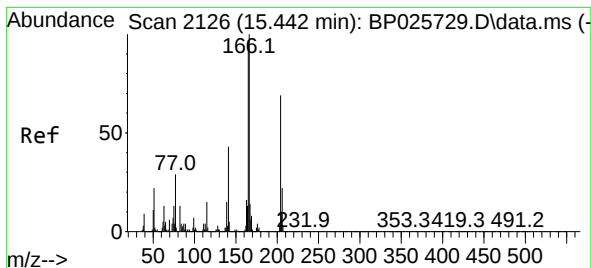
Tgt Ion:232	Resp:	410812
Ion Ratio	Lower	Upper
232	100	
131	42.4	36.7 55.1
130	2.1	2.0 3.0
166	30.1	25.4 38.2



#60
Diethylphthalate
Concen: 43.207 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.041 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:149	Resp:	1493012
Ion Ratio	Lower	Upper
149	100	
177	22.7	17.7 26.5
150	12.7	10.0 15.0

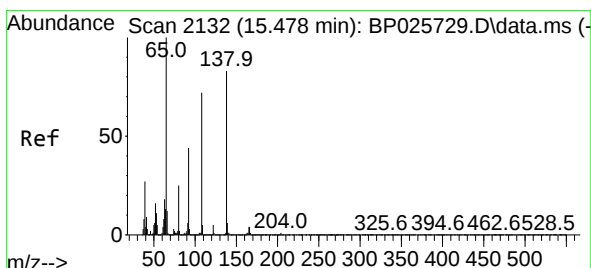
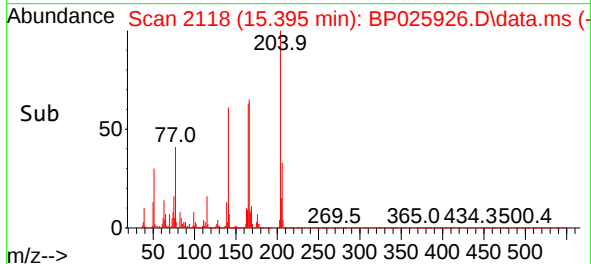
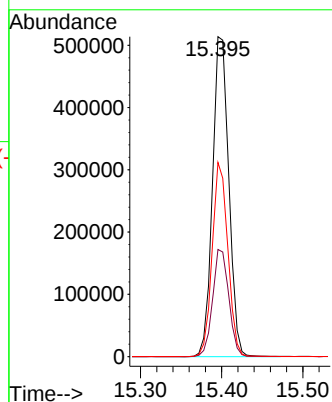
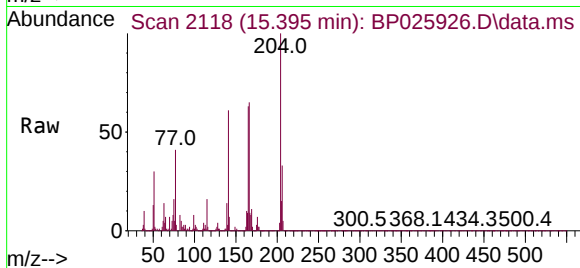




#61
4-Chlorophenyl-phenylether
Concen: 44.525 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.047 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

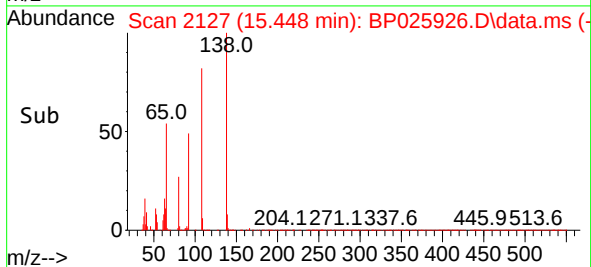
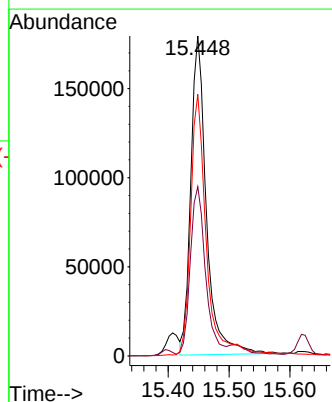
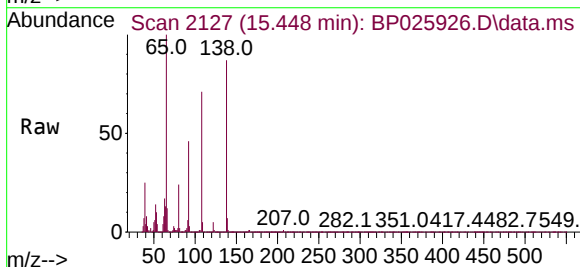
Instrument :
BNA_P
ClientSampleId :
PB169989BS

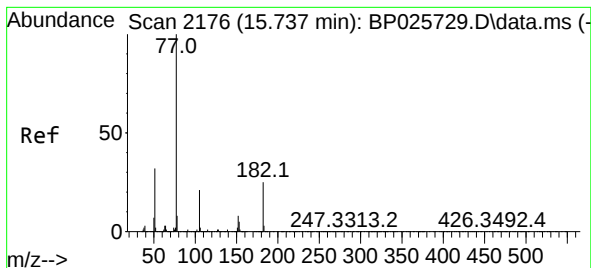
Tgt Ion:204 Resp: 716601
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 60.7 49.7 74.5



#62
4-Nitroaniline
Concen: 40.960 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:138 Resp: 318476
Ion Ratio Lower Upper
138 100
92 52.9 33.3 73.3
108 81.7 66.7 106.7





#63

Azobenzene

Concen: 42.000 ng

RT: 15.701 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

Tgt Ion: 77 Resp: 1403310

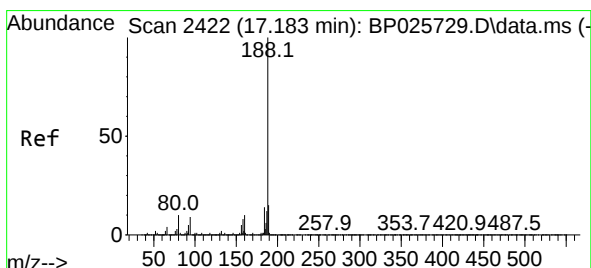
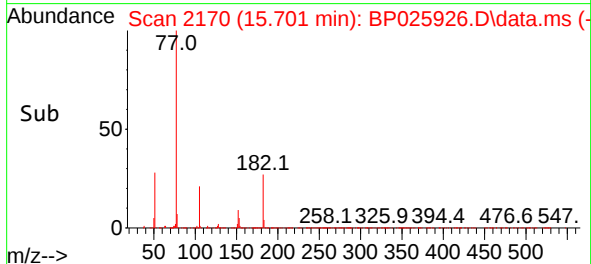
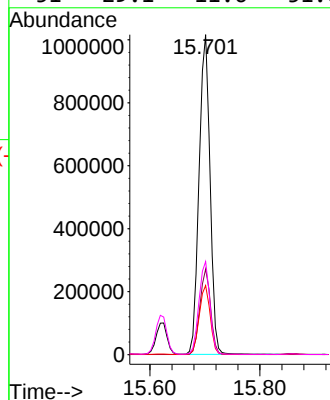
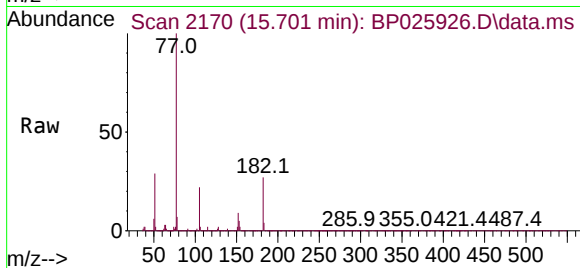
Ion Ratio Lower Upper

77 100

182 26.7 5.2 45.2

105 21.6 1.1 41.1

51 29.1 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.142 min Scan# 2415

Delta R.T. -0.041 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

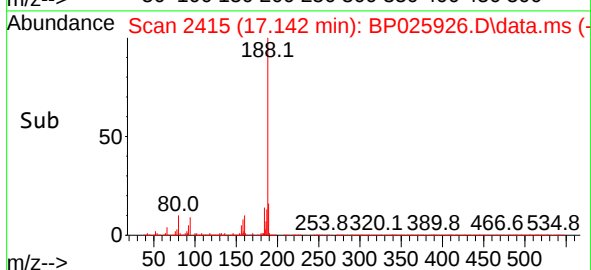
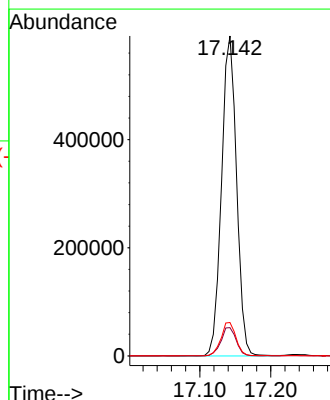
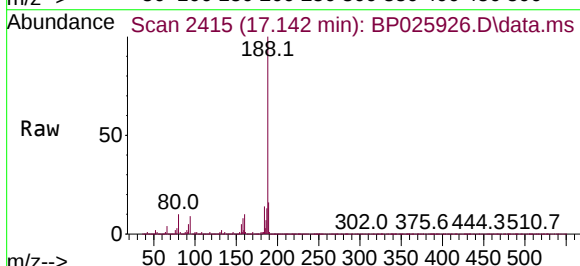
Tgt Ion:188 Resp: 872158

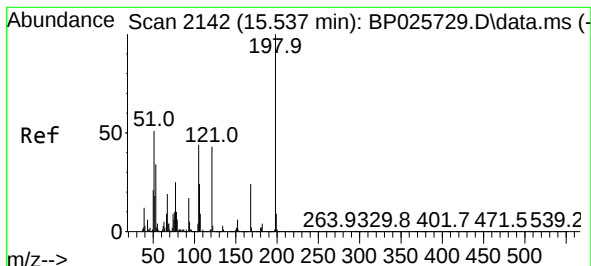
Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.0

80 10.4 7.7 11.5

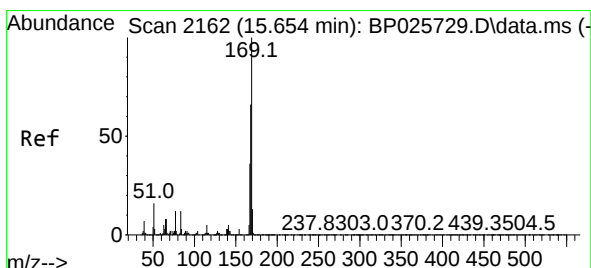
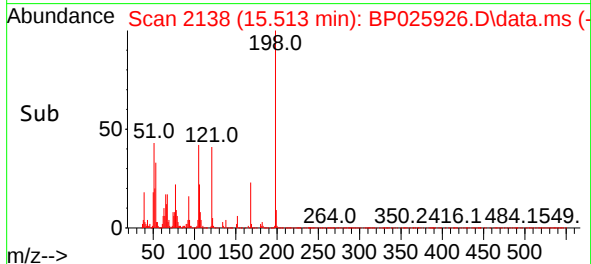
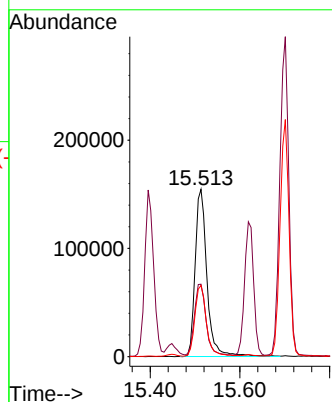
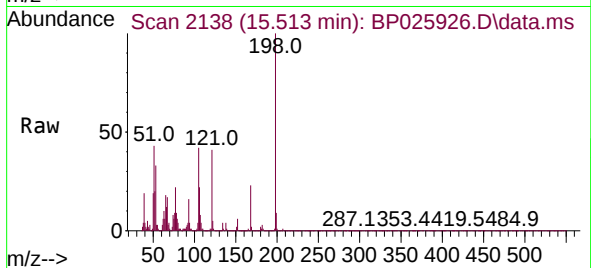




#65
4,6-Dinitro-2-methylphenol
Concen: 48.874 ng
RT: 15.513 min Scan# 2142
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

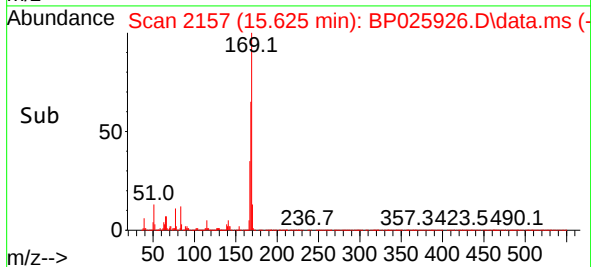
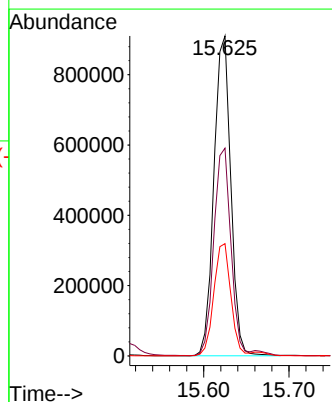
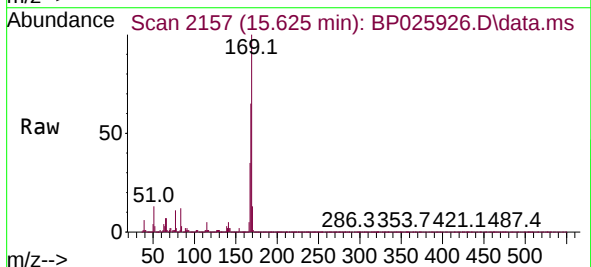
Instrument :
BNA_P
ClientSampleId :
PB169989BS

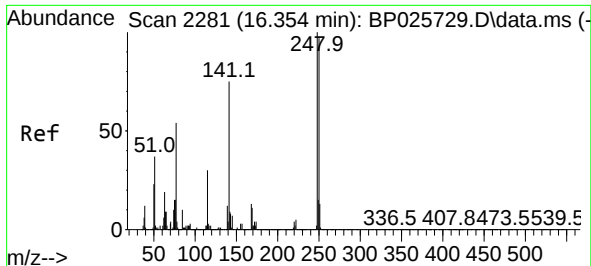
Tgt Ion:198 Resp: 283476
Ion Ratio Lower Upper
198 100
51 43.3 33.4 73.4
105 42.5 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 46.932 ng
RT: 15.625 min Scan# 2157
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:169 Resp: 1252628
Ion Ratio Lower Upper
169 100
168 64.9 52.6 78.8
167 35.1 28.5 42.7

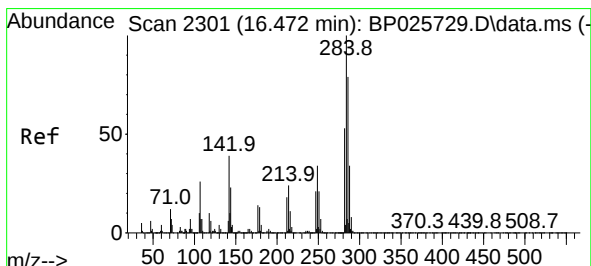
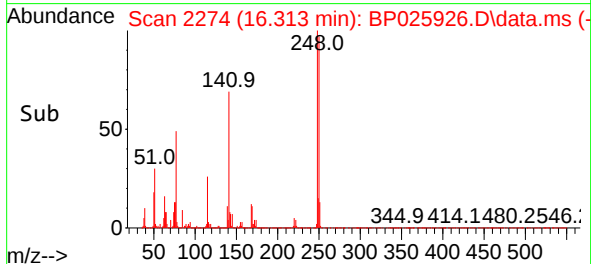
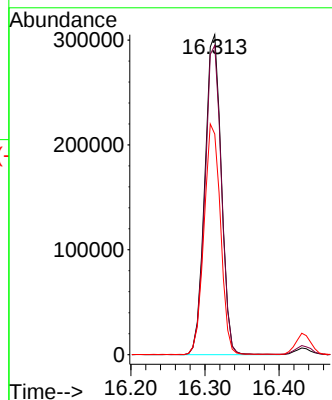
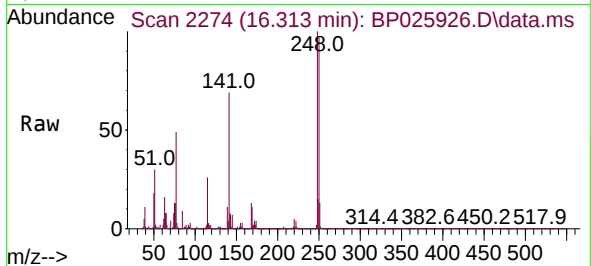




#67
4-Bromophenyl-phenylether
Concen: 49.075 ng
RT: 16.313 min Scan# 221
Delta R.T. -0.041 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

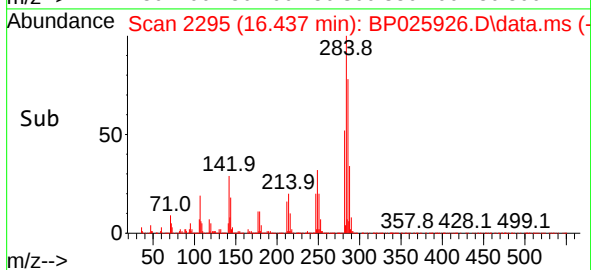
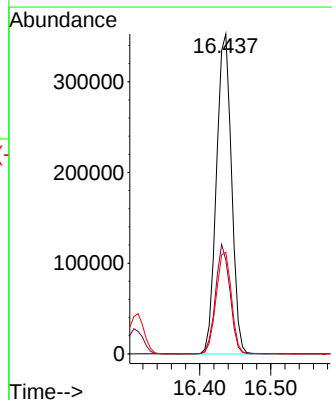
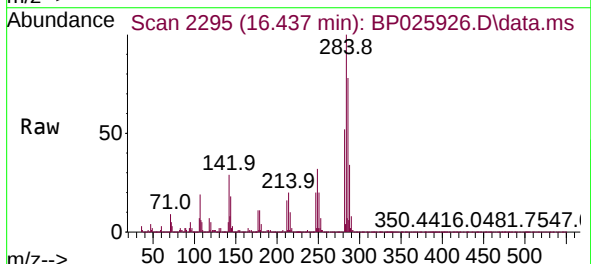
Instrument :
BNA_P
ClientSampleId :
PB169989BS

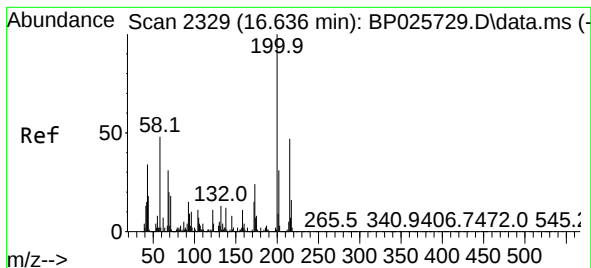
Tgt Ion:248 Resp: 470209
Ion Ratio Lower Upper
248 100
250 96.6 77.5 116.3
141 68.9 60.2 90.4



#68
Hexachlorobenzene
Concen: 48.701 ng
RT: 16.437 min Scan# 2295
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:284 Resp: 520367
Ion Ratio Lower Upper
284 100
142 29.4 31.3 46.9#
249 31.8 27.3 40.9





#69

Atrazine

Concen: 48.221 ng

RT: 16.595 min Scan# 231

Delta R.T. -0.041 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

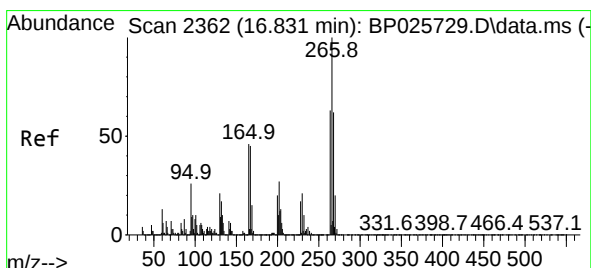
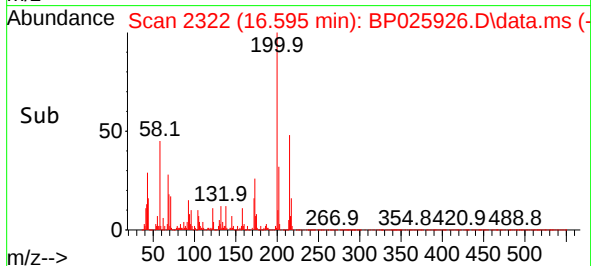
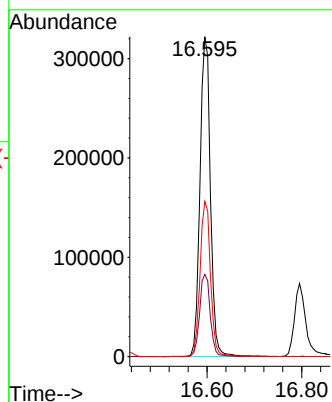
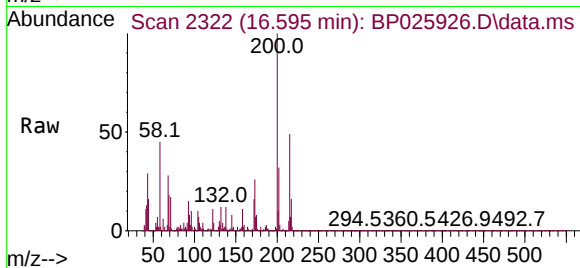
Tgt Ion:200 Resp: 491962

Ion Ratio Lower Upper

200 100

173 25.7 4.2 44.2

215 48.5 27.3 67.3



#70

Pentachlorophenol

Concen: 89.795 ng

RT: 16.795 min Scan# 2356

Delta R.T. -0.035 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

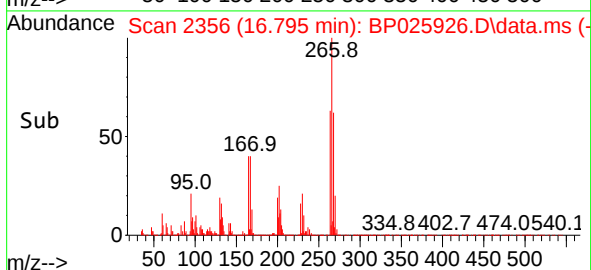
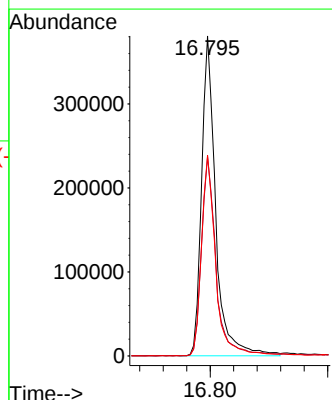
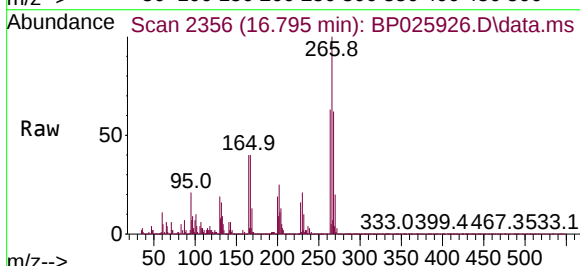
Tgt Ion:266 Resp: 633233

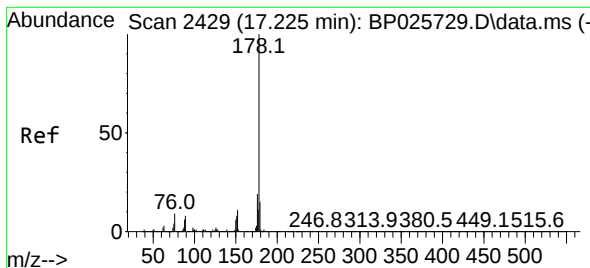
Ion Ratio Lower Upper

266 100

268 62.3 49.8 74.8

264 62.7 50.2 75.2





#71

Phenanthrene

Concen: 44.465 ng

RT: 17.184 min Scan# 24

Delta R.T. -0.041 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

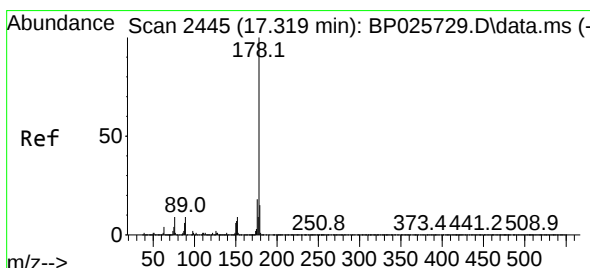
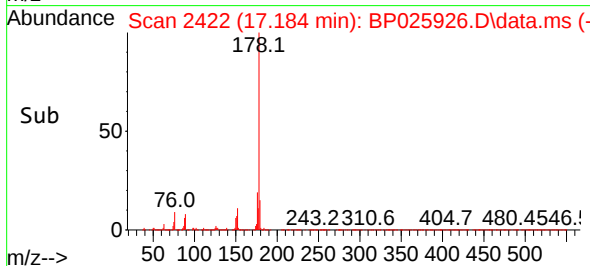
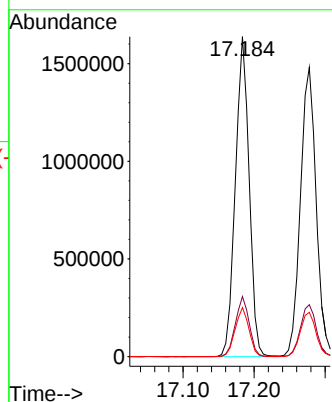
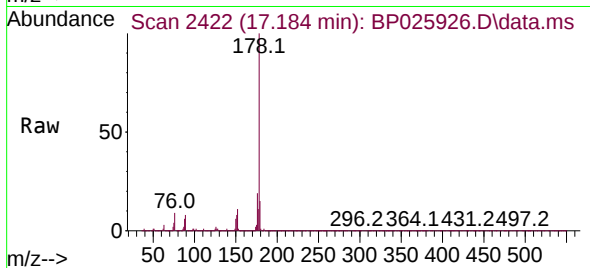
Tgt Ion:178 Resp: 2199869

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 45.600 ng

RT: 17.278 min Scan# 2438

Delta R.T. -0.041 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

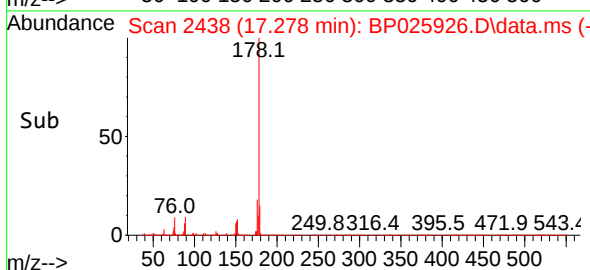
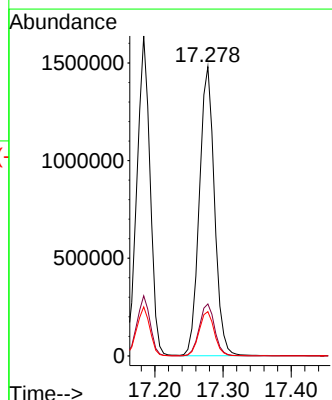
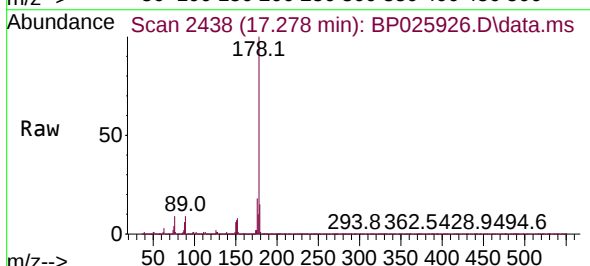
Tgt Ion:178 Resp: 2289006

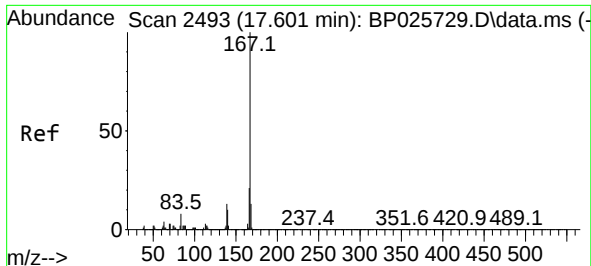
Ion Ratio Lower Upper

178 100

176 17.9 14.8 22.2

179 15.3 12.2 18.4

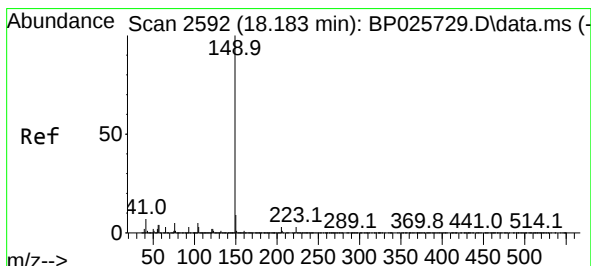
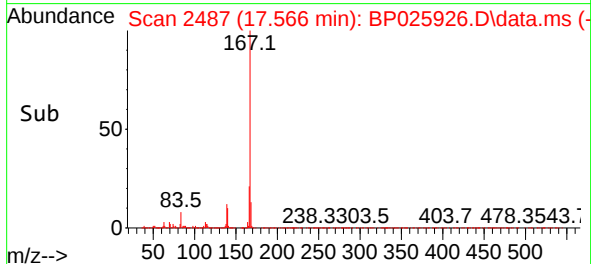
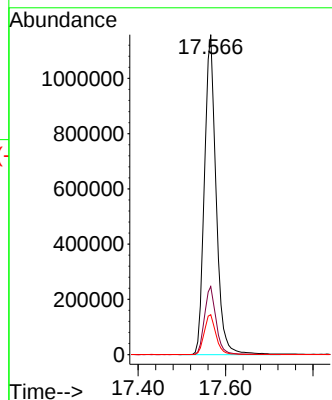
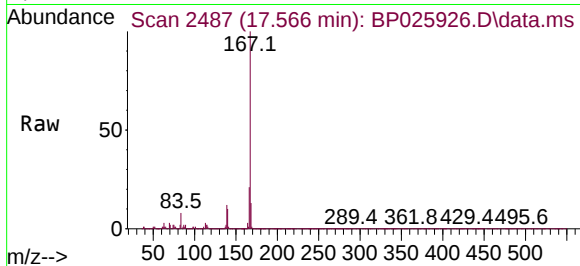




#73
 Carbazole
 Concen: 45.680 ng
 RT: 17.566 min Scan# 24
 Delta R.T. -0.035 min
 Lab File: BP025926.D
 Acq: 06 Oct 2025 16:57

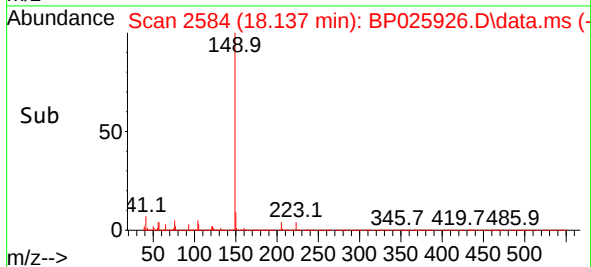
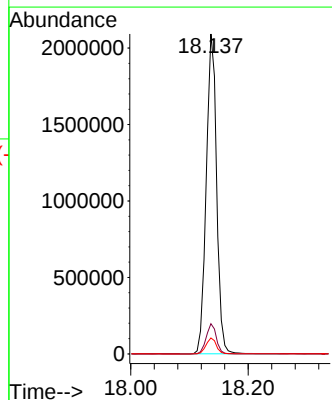
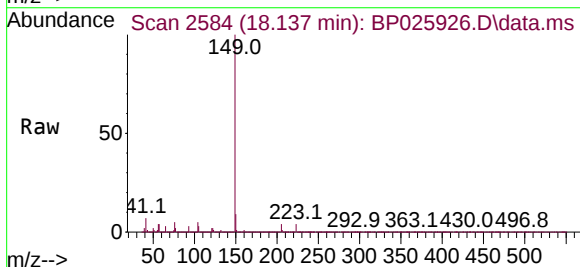
Instrument :
 BNA_P
 ClientSampleId :
 PB169989BS

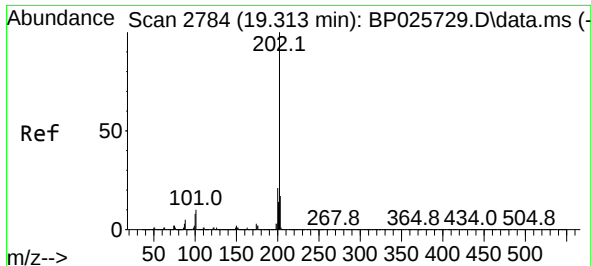
Tgt Ion:167 Resp: 2131828
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.803 ng
 RT: 18.137 min Scan# 2584
 Delta R.T. -0.047 min
 Lab File: BP025926.D
 Acq: 06 Oct 2025 16:57

Tgt Ion:149 Resp: 2565889
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.0 4.3 6.5

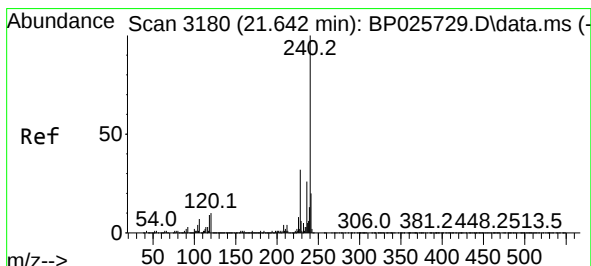
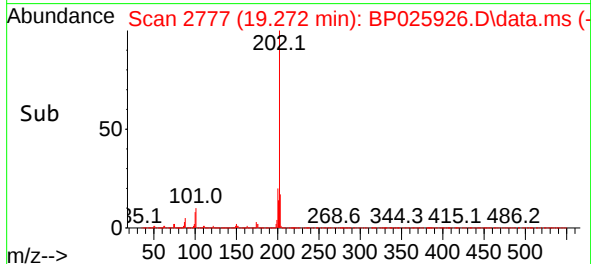
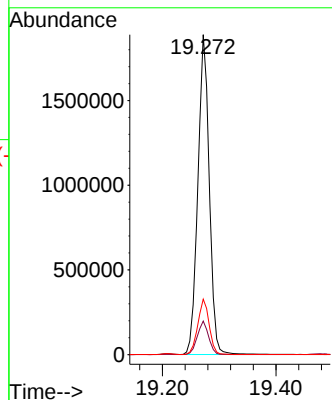
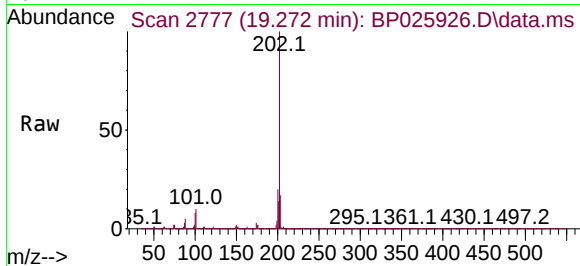




#75
Fluoranthene
Concen: 44.040 ng
RT: 19.272 min Scan# 21
Delta R.T. -0.041 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

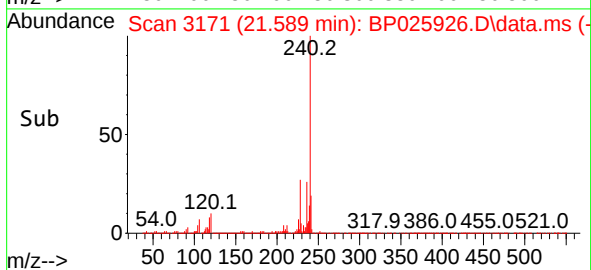
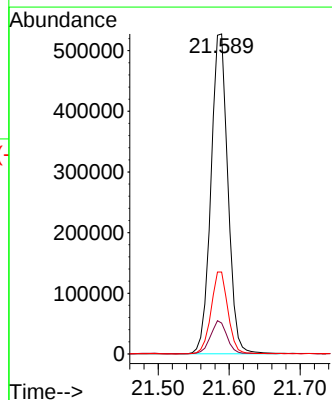
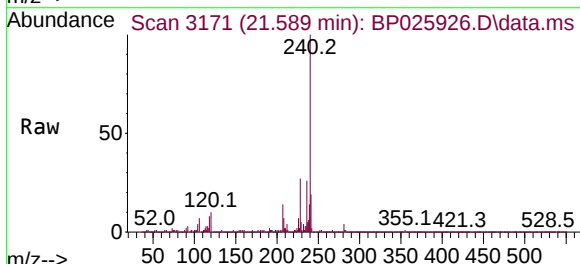
Instrument :
BNA_P
ClientSampleId :
PB169989BS

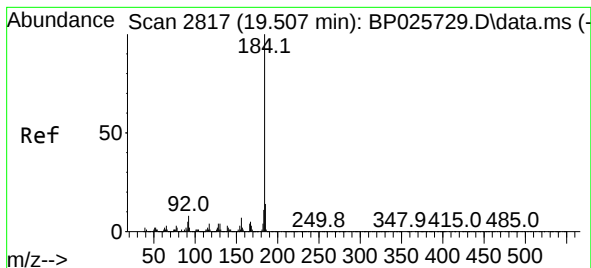
Tgt Ion:202 Resp: 2613123
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.4
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. -0.053 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:240 Resp: 874721
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.6 20.7 31.1





#77

Benzidine

Concen: 43.524 ng

RT: 19.472 min Scan# 2811

Delta R.T. -0.035 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

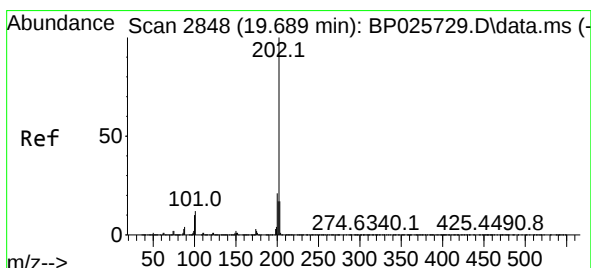
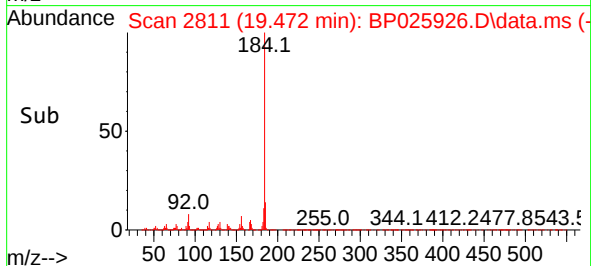
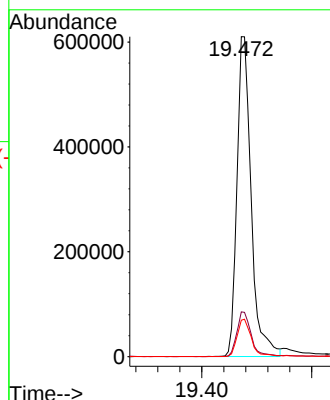
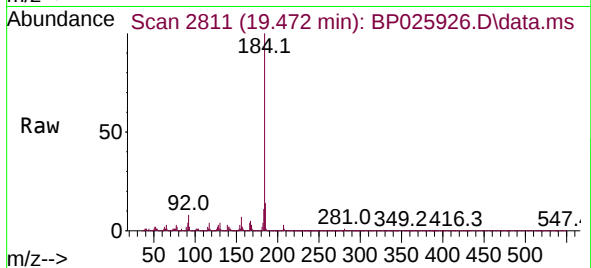
Tgt Ion:184 Resp: 1096670

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.4 9.2 13.8



#78

Pyrene

Concen: 46.941 ng

RT: 19.648 min Scan# 2841

Delta R.T. -0.041 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

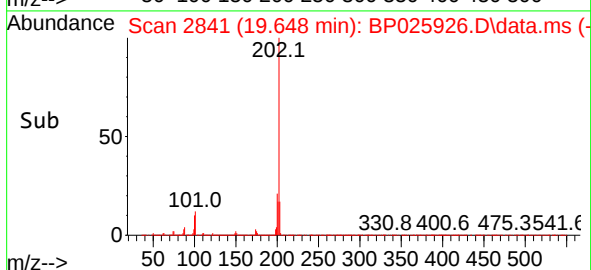
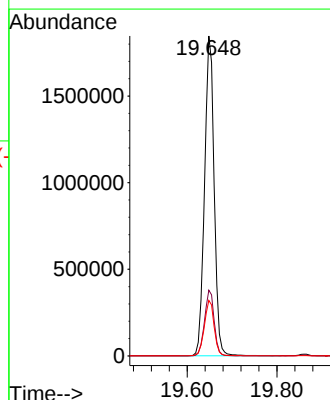
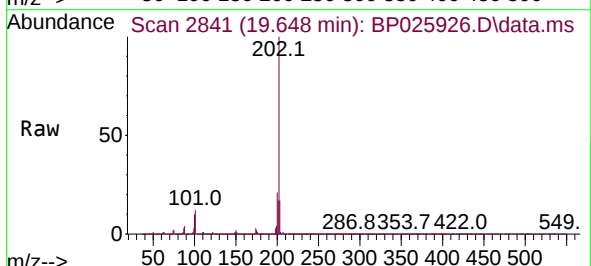
Tgt Ion:202 Resp: 2739772

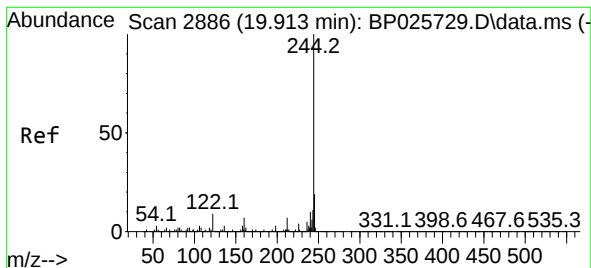
Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 80.982 ng

RT: 19.860 min Scan# 2886

Delta R.T. -0.053 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

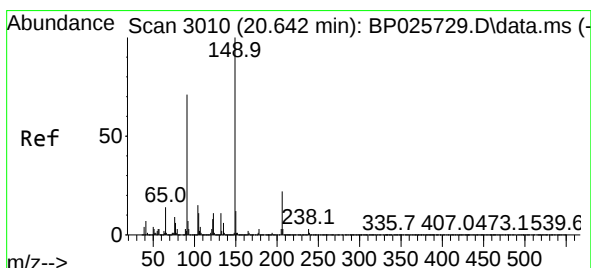
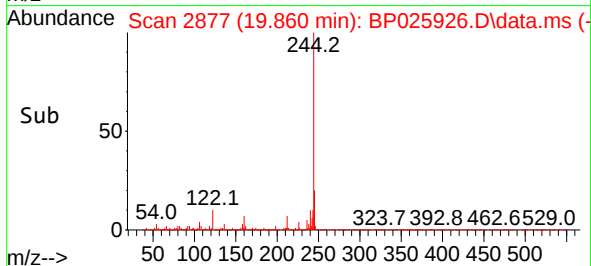
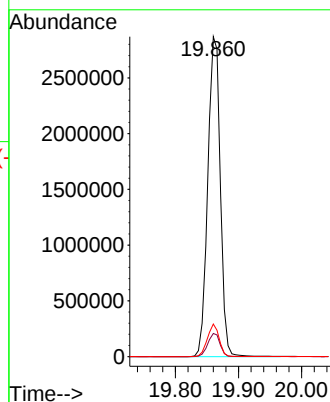
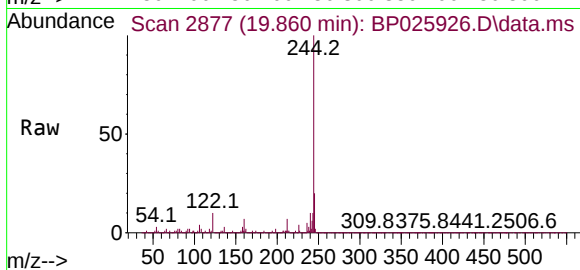
Tgt Ion:244 Resp: 3937572

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 10.2 7.1 10.7



#80

Butylbenzylphthalate

Concen: 45.722 ng

RT: 20.589 min Scan# 3001

Delta R.T. -0.053 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

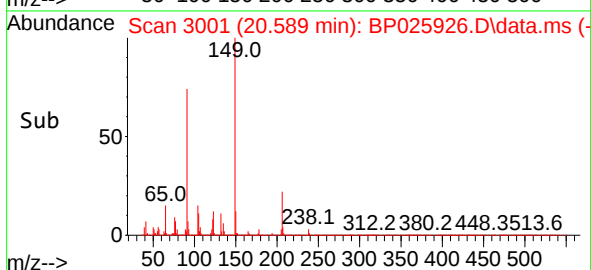
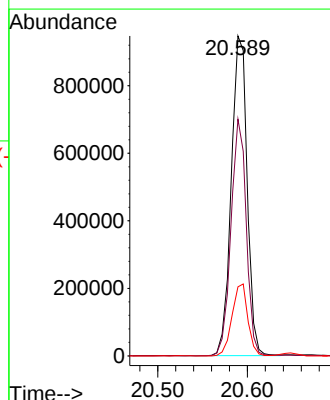
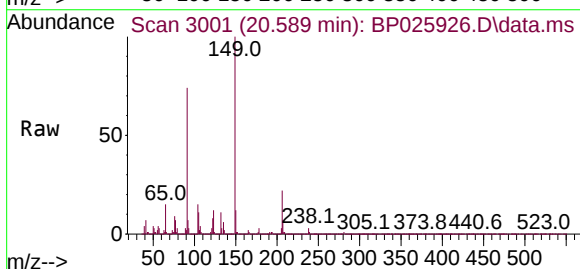
Tgt Ion:149 Resp: 1170092

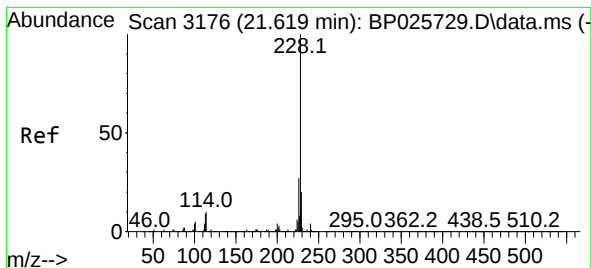
Ion Ratio Lower Upper

149 100

91 74.0 56.6 85.0

206 21.6 17.4 26.0





#81

Benzo(a)anthracene

Concen: 46.003 ng

RT: 21.566 min Scan# 31

Delta R.T. -0.053 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

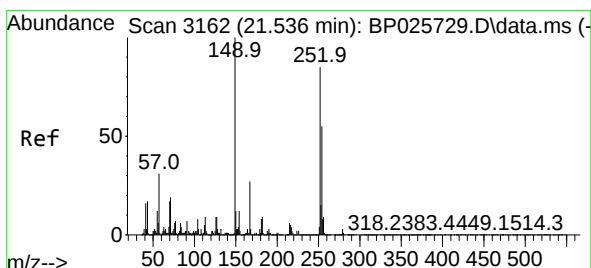
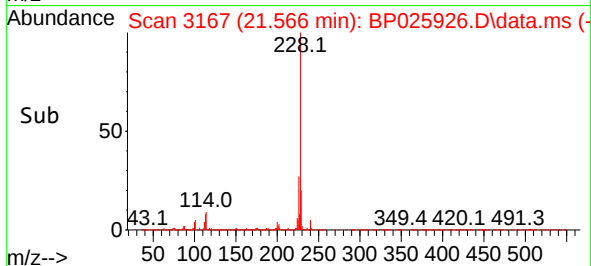
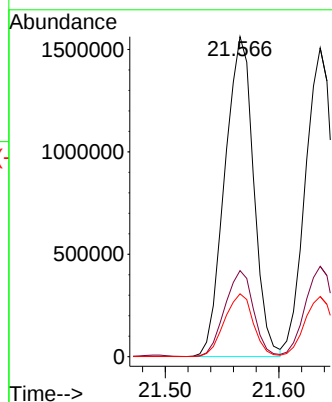
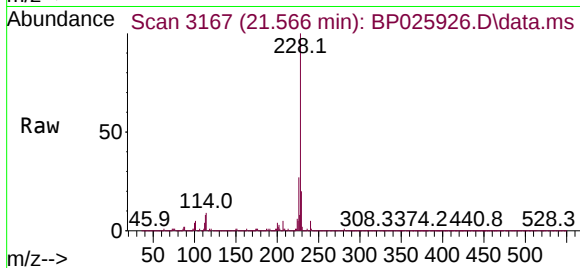
Tgt Ion:228 Resp: 2754853

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 33.510 ng

RT: 21.489 min Scan# 3154

Delta R.T. -0.047 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

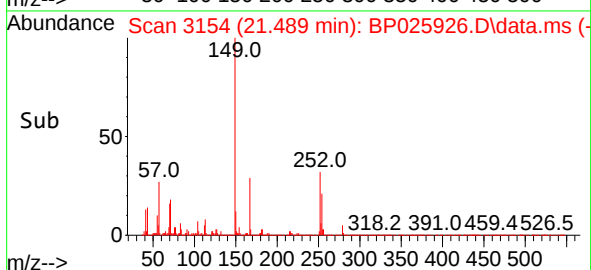
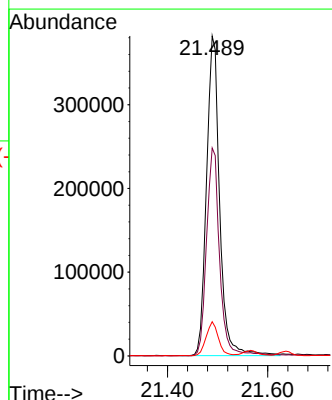
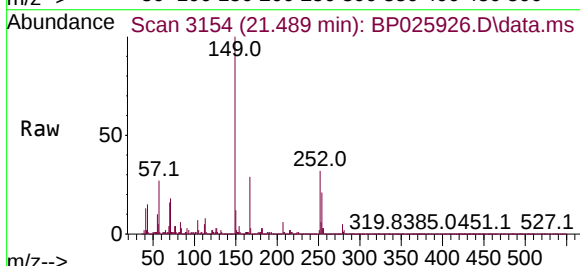
Tgt Ion:252 Resp: 693883

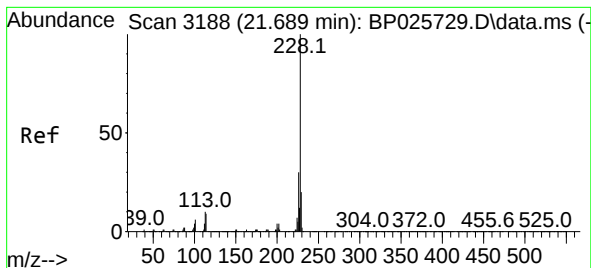
Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.0

126 10.7 8.3 12.5





#83

Chrysene

Concen: 44.783 ng

RT: 21.636 min Scan# 31

Delta R.T. -0.053 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

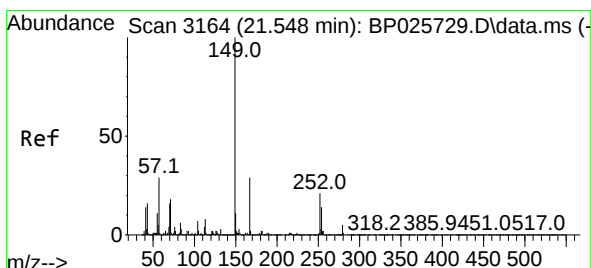
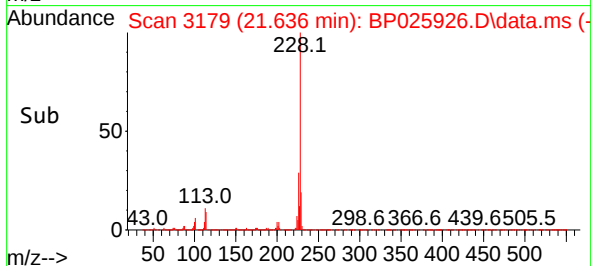
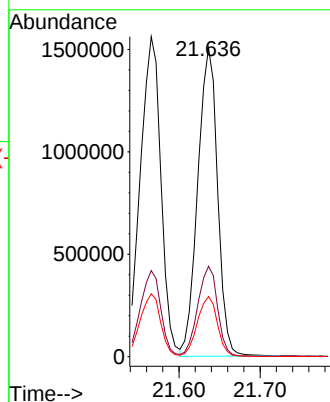
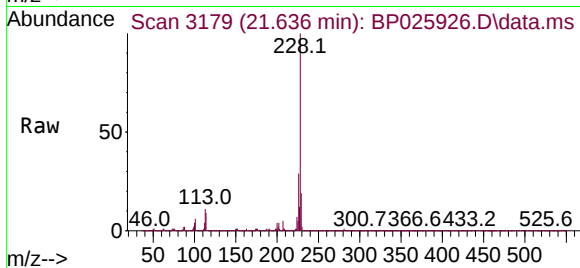
Tgt Ion:228 Resp: 2556460

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.654 ng

RT: 21.483 min Scan# 3153

Delta R.T. -0.065 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

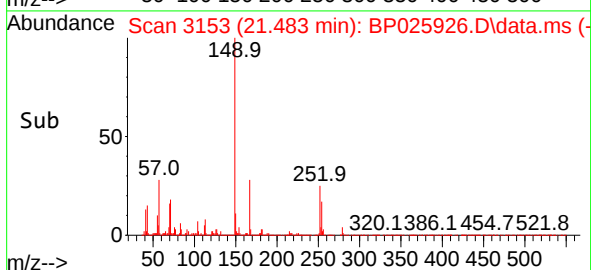
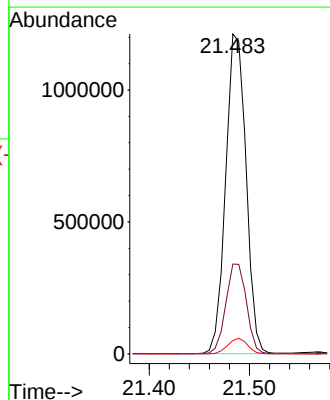
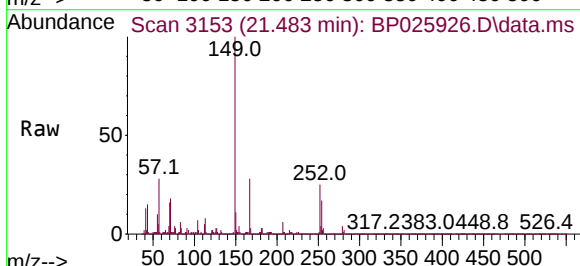
Tgt Ion:149 Resp: 1709318

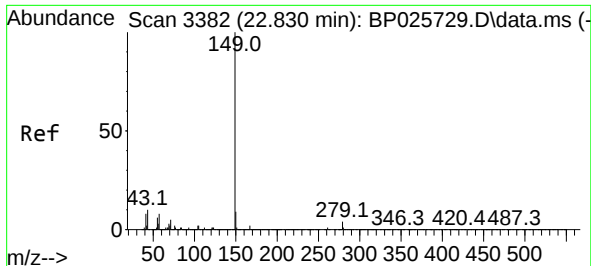
Ion Ratio Lower Upper

149 100

167 28.1 22.9 34.3

279 4.2 3.8 5.8

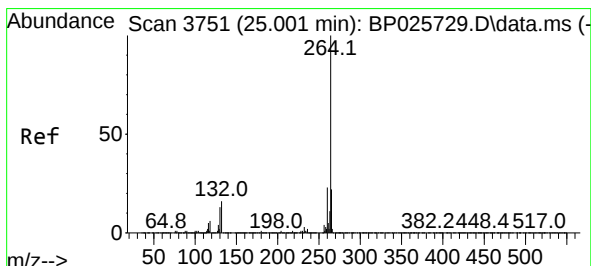
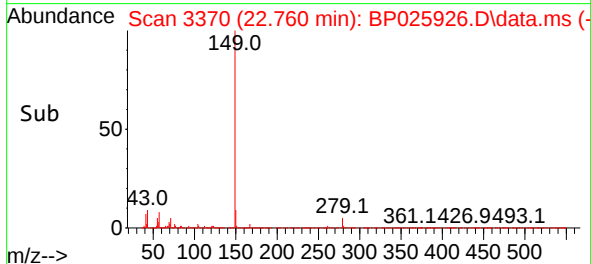
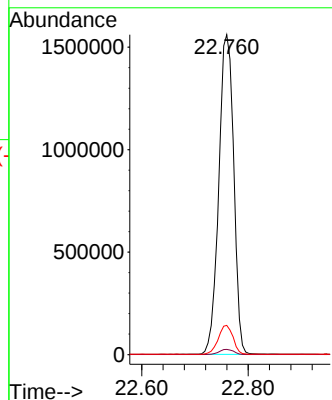
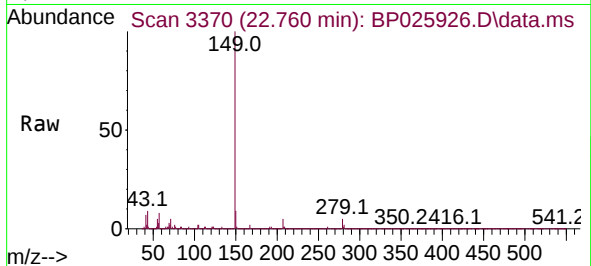




#85
Di-n-octyl phthalate
Concen: 45.611 ng
RT: 22.760 min Scan# 331
Delta R.T. -0.070 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

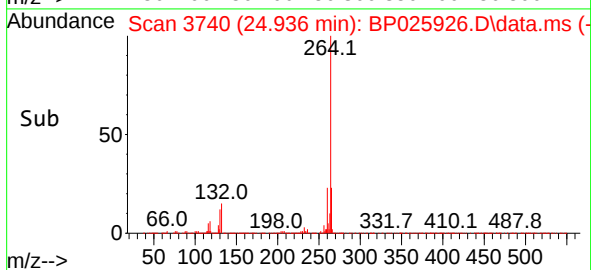
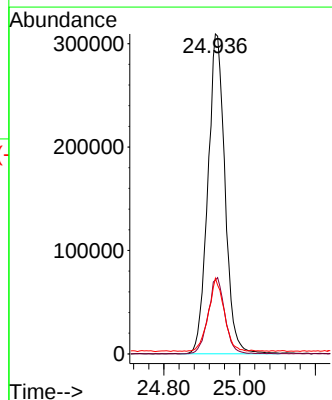
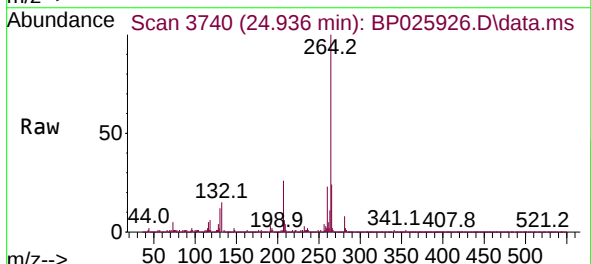
Instrument :
BNA_P
ClientSampleId :
PB169989BS

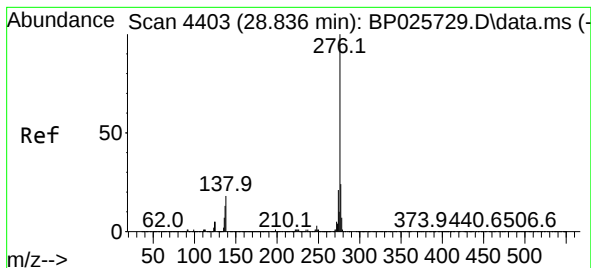
Tgt Ion:149 Resp: 3037737
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.936 min Scan# 3740
Delta R.T. -0.065 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:264 Resp: 970632
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 23.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.376 ng

RT: 28.754 min Scan# 43

Delta R.T. -0.082 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

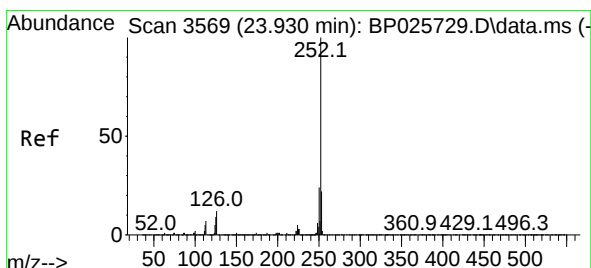
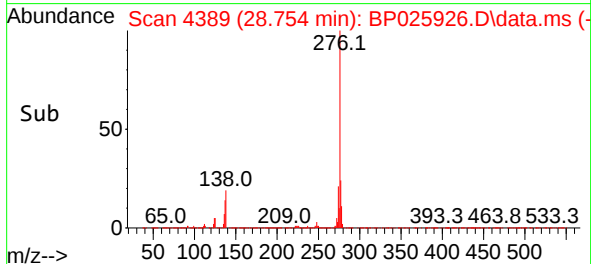
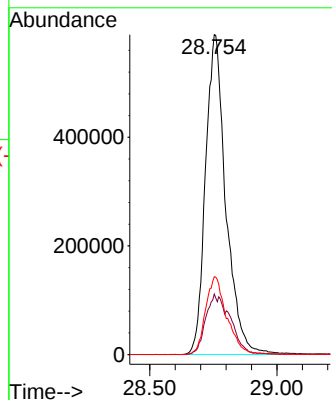
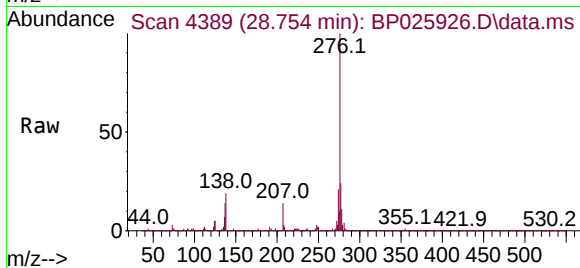
Tgt Ion:276 Resp: 3273523

Ion Ratio Lower Upper

276 100

138 10.8 13.4 20.2#

277 25.4 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 45.802 ng

RT: 23.866 min Scan# 3558

Delta R.T. -0.065 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

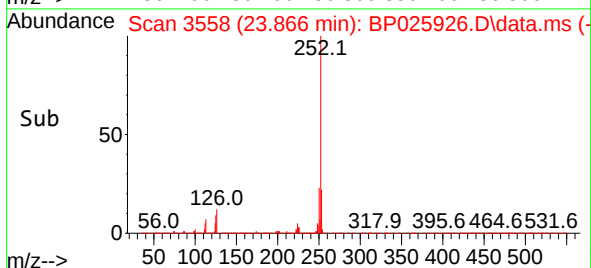
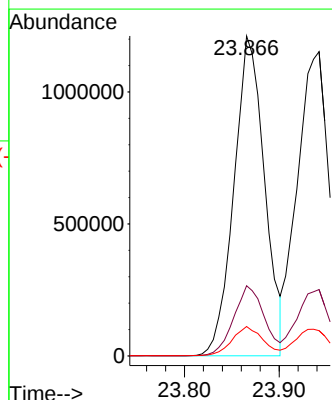
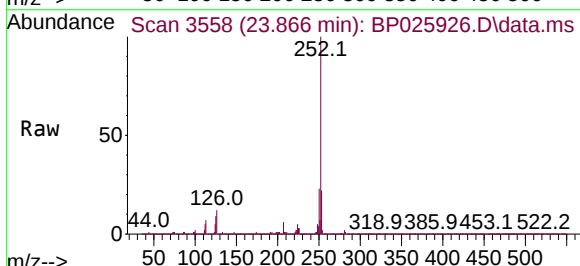
Tgt Ion:252 Resp: 2718629

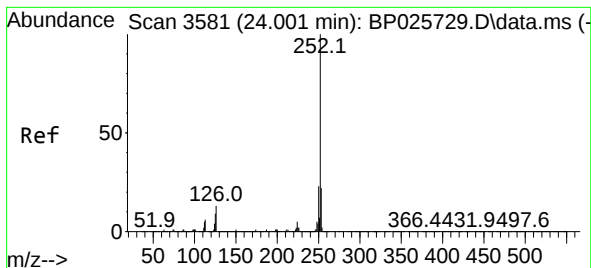
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 9.2 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 46.034 ng

RT: 23.942 min Scan# 31

Delta R.T. -0.059 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

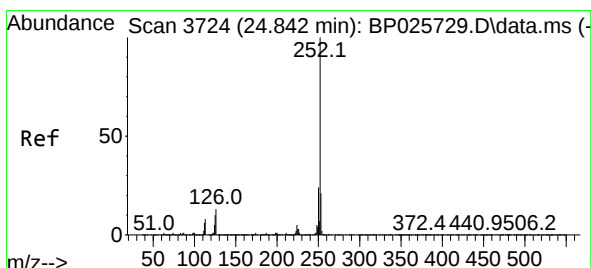
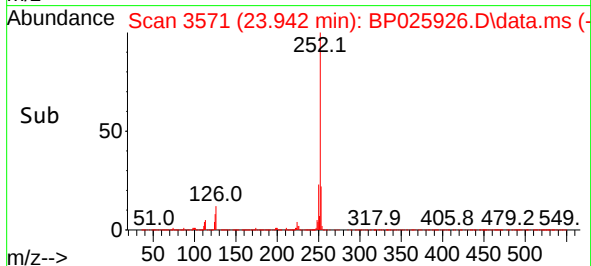
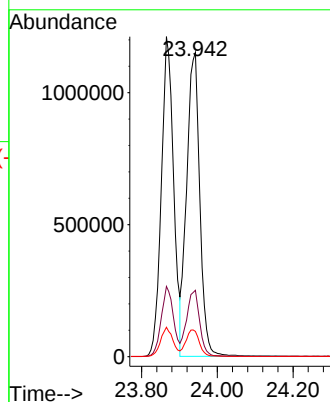
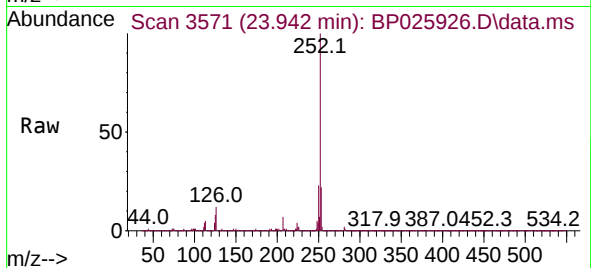
Tgt Ion:252 Resp: 2788209

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.3 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.546 ng

RT: 24.777 min Scan# 3713

Delta R.T. -0.065 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

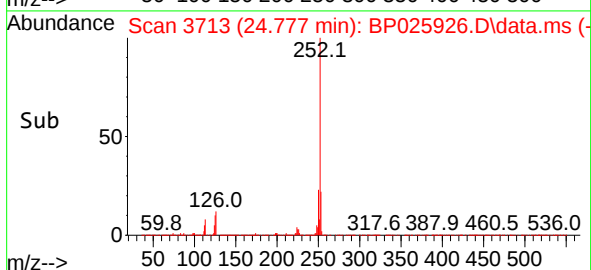
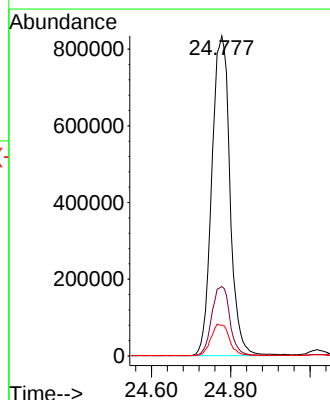
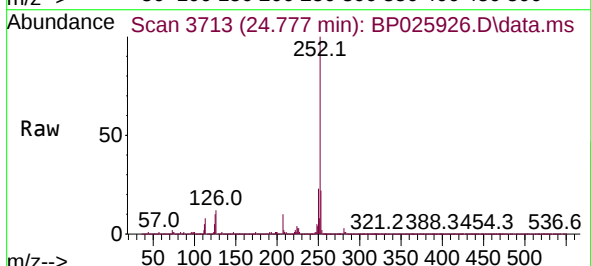
Tgt Ion:252 Resp: 2647483

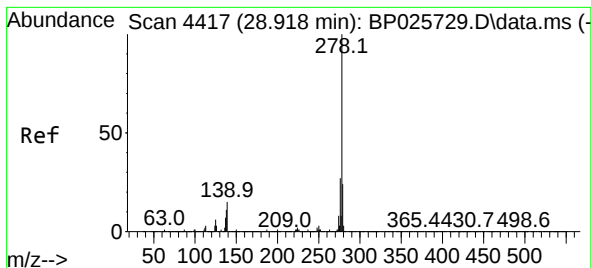
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 46.332 ng

RT: 28.818 min Scan# 4417

Delta R.T. -0.100 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

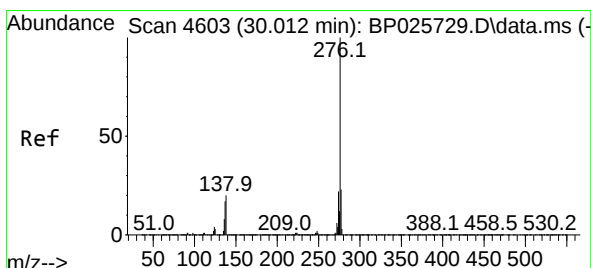
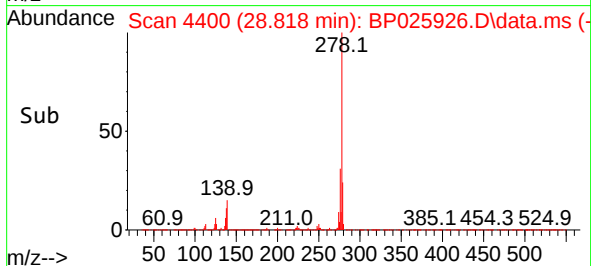
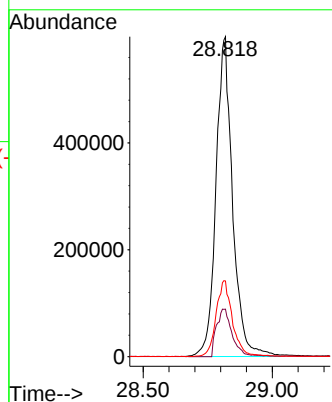
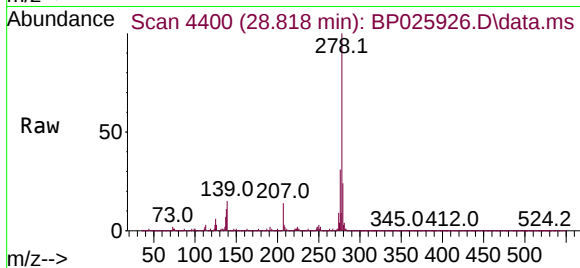
Tgt Ion:278 Resp: 2676243

Ion Ratio Lower Upper

278 100

139 14.8 12.1 18.1

279 23.7 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 46.143 ng

RT: 29.954 min Scan# 4593

Delta R.T. -0.059 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Tgt Ion:276 Resp: 2621196

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 18.6 16.0 24.0

