

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
 Data File : BP025189.D
 Acq On : 18 Jul 2025 12:27
 Operator : CG/JU
 Sample : PB168899BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168899BS

Quant Time: Jul 18 13:09:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	542709	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2173791	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1229079	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2534523	20.000	ng	0.00
76) Chrysene-d12	21.360	240	2585000	20.000	ng	0.02
86) Perylene-d12	24.513	264	3067180	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4095286	133.704	ng	0.01
7) Phenol-d6	6.649	99	4416756	110.499	ng	0.02
23) Nitrobenzene-d5	8.578	82	2977601	91.097	ng	0.01
42) 2,4,6-Tribromophenol	15.631	330	2442258	168.205	ng	0.01
45) 2-Fluorobiphenyl	12.696	172	7983624	100.628	ng	0.00
79) Terphenyl-d14	19.689	244	12704521	108.015	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.120	88	437382	36.723	ng	98
3) Pyridine	3.490	79	1231346	37.762	ng	98
4) n-Nitrosodimethylamine	3.402	42	565860	40.985	ng	90
6) Aniline	6.784	93	1677828	44.927	ng	99
8) 2-Chlorophenol	7.019	128	1488895	43.446	ng	98
9) Benzaldehyde	6.602	77	839925	40.236	ng	95
10) Phenol	6.672	94	1679313	41.348	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	1195349	38.243	ng	97
12) 1,3-Dichlorobenzene	7.331	146	1767022	46.071	ng	98
13) 1,4-Dichlorobenzene	7.478	146	1770191	45.586	ng	99
14) 1,2-Dichlorobenzene	7.790	146	1755583	46.997	ng	100
15) Benzyl Alcohol	7.684	79	1305098	48.920	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1726837	42.489	ng	97
17) 2-Methylphenol	7.890	107	1329445	50.816	ng	99
18) Hexachloroethane	8.502	117	622183	49.183	ng	97
19) n-Nitroso-di-n-propyla...	8.243	70	1026046	43.284	ng	96
20) 3+4-Methylphenols	8.213	107	1813503	49.489	ng	98
22) Acetophenone	8.249	105	2216481	43.114	ng	98
24) Nitrobenzene	8.613	77	1552330	46.626	ng	95
25) Isophorone	9.149	82	2950484	48.302	ng	98
26) 2-Nitrophenol	9.319	139	906308	55.540	ng	97
27) 2,4-Dimethylphenol	9.390	122	1551645	68.096	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	1852178	44.657	ng	100
29) 2,4-Dichlorophenol	9.855	162	1631495	51.637	ng	98
30) 1,2,4-Trichlorobenzene	10.055	180	1660404	47.455	ng	99
31) Naphthalene	10.243	128	4895000	43.731	ng	100
32) Benzoic acid	9.549	122	1291398	55.602	ng	96
33) 4-Chloroaniline	10.355	127	1480553	35.444	ng	98
34) Hexachlorobutadiene	10.537	225	976537	48.635	ng	99
35) Caprolactam	11.137	113	540309	49.987	ng	93
36) 4-Chloro-3-methylphenol	11.502	107	1611826	48.816	ng	98
37) 2-Methylnaphthalene	11.860	142	3158278	39.990	ng	99
38) 1-Methylnaphthalene	12.096	142	3297801	42.815	ng	99
40) 1,2,4,5-Tetrachloroben...	12.243	216	1831454	51.848	ng	99
41) Hexachlorocyclopentadiene	12.225	237	2268687	245.884	ng	98
43) 2,4,6-Trichlorophenol	12.501	196	1354562	63.330	ng	99

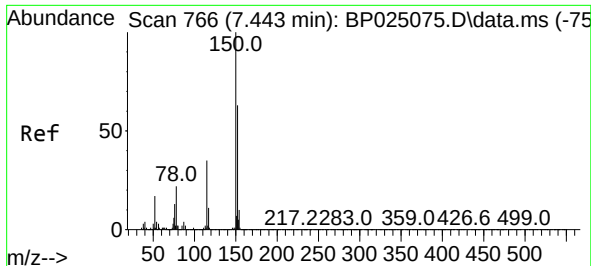
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 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1494120	61.639	ng	97
46) 1,1'-Biphenyl	12.907	154	4525439	50.605	ng	99
47) 2-Chloronaphthalene	12.943	162	3518271	52.345	ng	99
48) 2-Nitroaniline	13.160	65	970971	58.341	ng	93
49) Acenaphthylene	13.807	152	5256910	51.101	ng	100
50) Dimethylphthalate	13.566	163	4562127	53.026	ng	100
51) 2,6-Dinitrotoluene	13.672	165	902822	53.805	ng	94
52) Acenaphthene	14.160	154	2982380	44.980	ng	99
53) 3-Nitroaniline	14.001	138	771629	42.910	ng	100
54) 2,4-Dinitrophenol	14.225	184	1213462	143.397	ng	92
55) Dibenzofuran	14.501	168	4844864	44.276	ng	98
56) 4-Nitrophenol	14.343	139	1823468	109.881	ng	97
57) 2,4-Dinitrotoluene	14.478	165	1339247	54.032	ng	90
58) Fluorene	15.166	166	3933849	46.479	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.743	232	1194074	54.397	ng	96
60) Diethylphthalate	14.972	149	4089806	47.329	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1934199	46.178	ng	99
62) 4-Nitroaniline	15.195	138	1051207	55.749	ng	99
63) Azobenzene	15.478	77	3274455	42.554	ng	96
65) 4,6-Dinitro-2-methylph...	15.266	198	778974	65.268	ng	97
66) n-Nitrosodiphenylamine	15.401	169	3474178	47.897	ng	100
67) 4-Bromophenyl-phenylether	16.095	248	1475117	56.843	ng	97
68) Hexachlorobenzene	16.207	284	1601583	50.493	ng	96
69) Atrazine	16.401	200	1343740	63.220	ng	99
70) Pentachlorophenol	16.566	266	2282063	106.531	ng	100
71) Phenanthrene	16.960	178	6316451	46.640	ng	100
72) Anthracene	17.066	178	6533892	50.289	ng	100
73) Carbazole	17.342	167	6318022	49.734	ng	99
74) Di-n-butylphthalate	17.960	149	7244069	51.207	ng	99
75) Fluoranthene	19.066	202	7433319	46.956	ng	99
77) Benzidine	19.272	184	5494580	120.351	ng	98
78) Pyrene	19.442	202	8406284	52.503	ng	100
80) Butylbenzylphthalate	20.436	149	3403927	54.630	ng	97
81) Benzo(a)anthracene	21.342	228	7536169	48.107	ng	100
82) 3,3'-Dichlorobenzidine	21.272	252	2370336	50.263	ng	100
83) Chrysene	21.401	228	7093180	47.051	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	4699067	55.923	ng	99
85) Di-n-octyl phthalate	22.548	149	8181071	52.450	ng	97
87) Indeno(1,2,3-cd)pyrene	28.059	276	11673091	59.740	ng	99
88) Benzo(b)fluoranthene	23.530	252	8978069	50.290	ng	99
89) Benzo(k)fluoranthene	23.595	252	9065891	51.037	ng	99
90) Benzo(a)pyrene	24.366	252	7863529	51.753	ng	99
91) Dibenzo(a,h)anthracene	28.148	278	9522226	58.956	ng	98
92) Benzo(g,h,i)perylene	29.148	276	9482835	56.835	ng	100

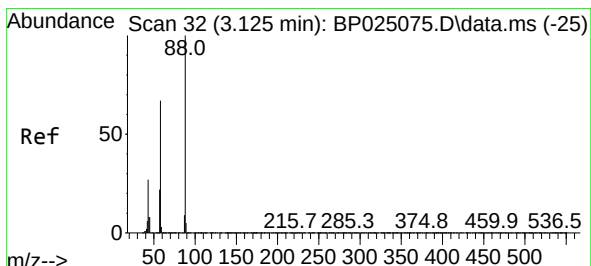
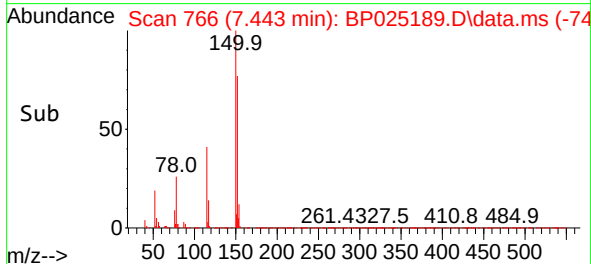
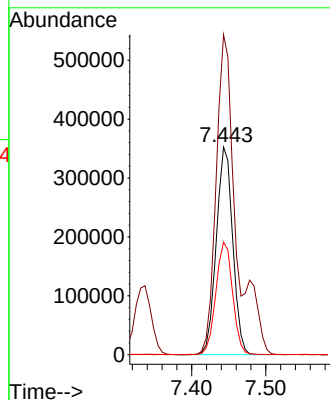
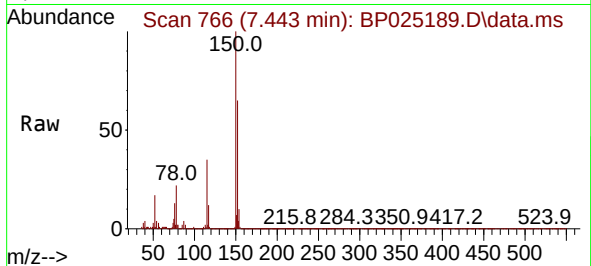
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BP025189.D
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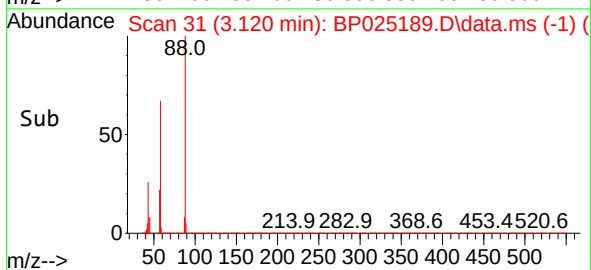
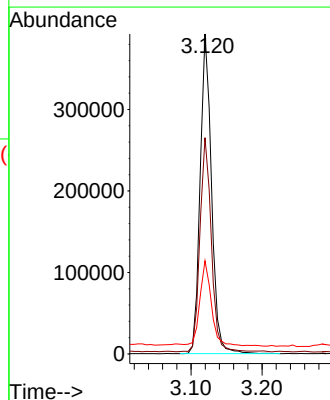
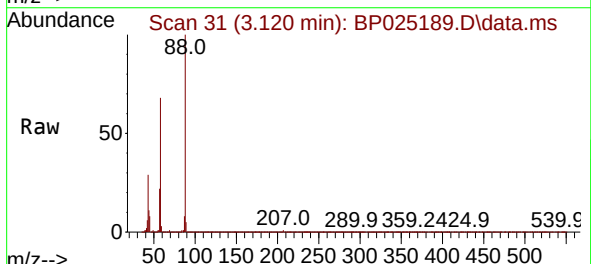
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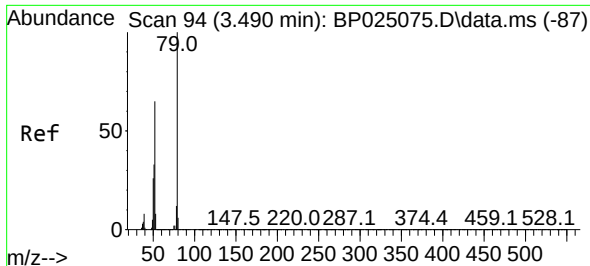
Tgt Ion:152 Resp: 542709
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.1 189.1
 115 54.2 44.3 66.5



#2
 1,4-Dioxane
 Concen: 36.723 ng
 RT: 3.120 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP025189.D
 Acq: 18 Jul 2025 12:27

Tgt Ion: 88 Resp: 437382
 Ion Ratio Lower Upper
 88 100
 58 66.9 55.0 82.4
 43 26.1 21.9 32.9

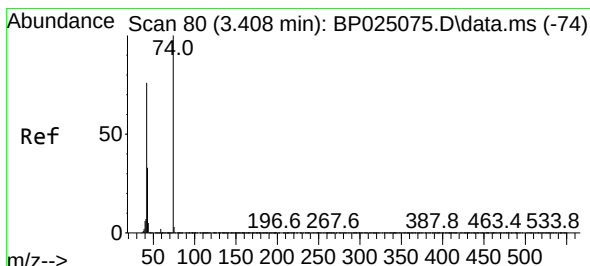
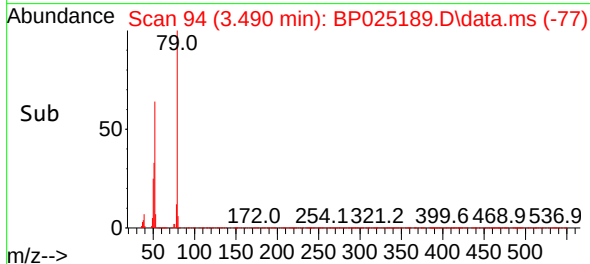
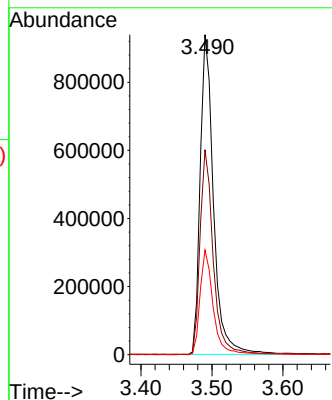
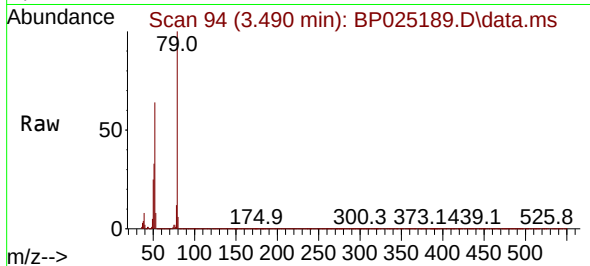




#3
 Pyridine
 Concen: 37.762 ng
 RT: 3.490 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: BP025189.D
 Acq: 18 Jul 2025 12:27

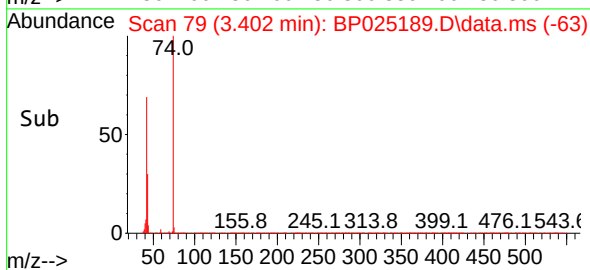
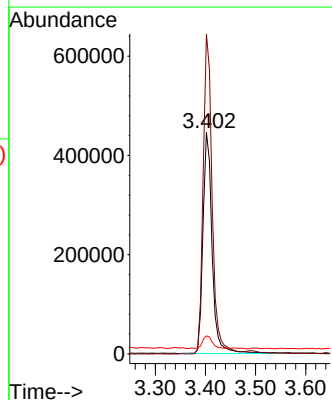
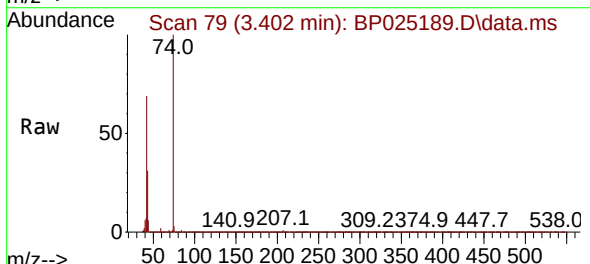
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 ClientSampleId :
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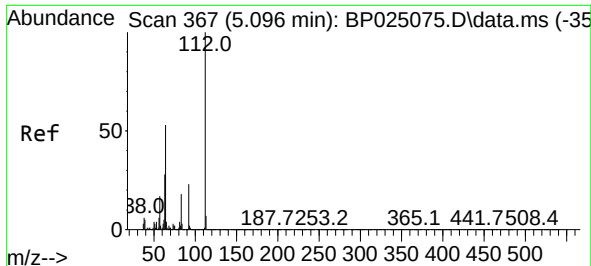
Tgt Ion: 79 Resp: 1231346
 Ion Ratio Lower Upper
 79 100
 52 64.1 52.2 78.4
 51 32.7 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 40.985 ng
 RT: 3.402 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BP025189.D
 Acq: 18 Jul 2025 12:27

Tgt Ion: 42 Resp: 565860
 Ion Ratio Lower Upper
 42 100
 74 144.4 105.2 157.8
 44 8.2 6.6 9.8

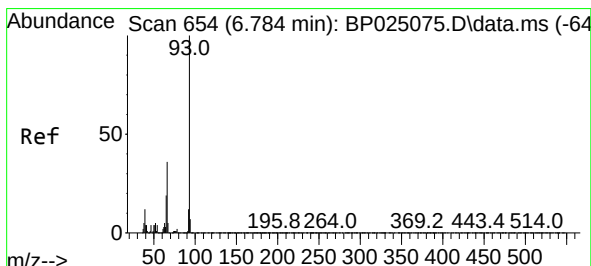
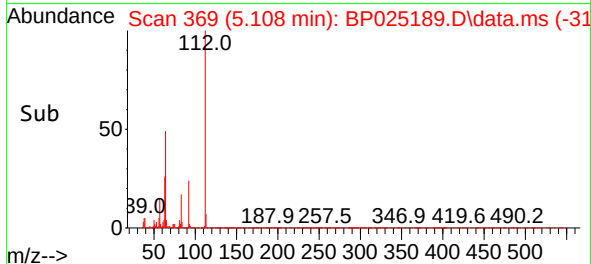
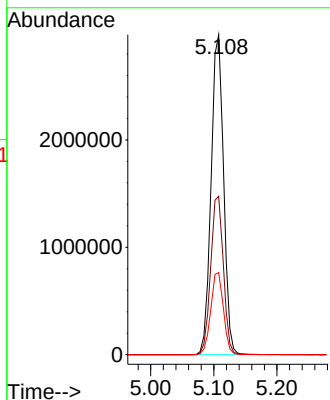
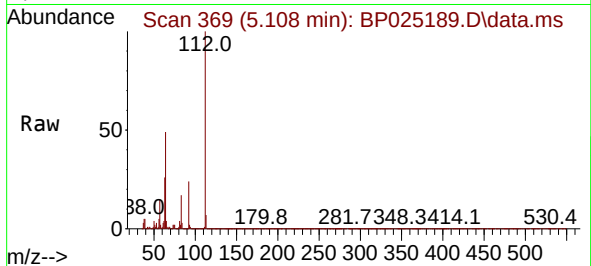




#5
2-Fluorophenol
Concen: 133.704 ng
RT: 5.108 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

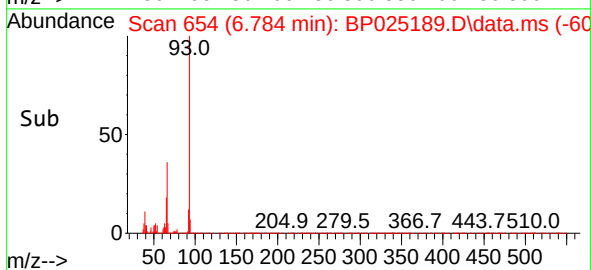
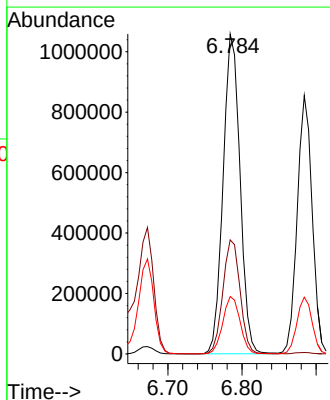
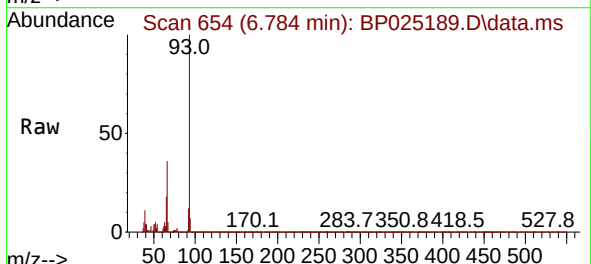
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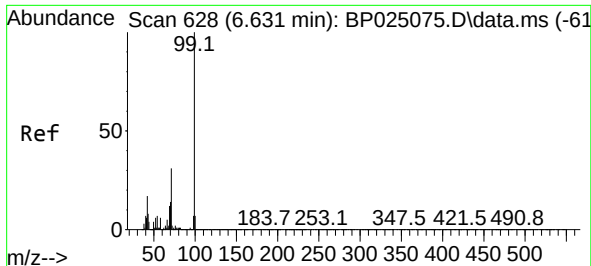
Tgt Ion:112 Resp: 4095286
Ion Ratio Lower Upper
112 100
64 49.5 42.0 63.0
63 25.6 22.2 33.2



#6
Aniline
Concen: 44.927 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 93 Resp: 1677828
Ion Ratio Lower Upper
93 100
66 35.6 28.9 43.3
65 18.0 15.2 22.8

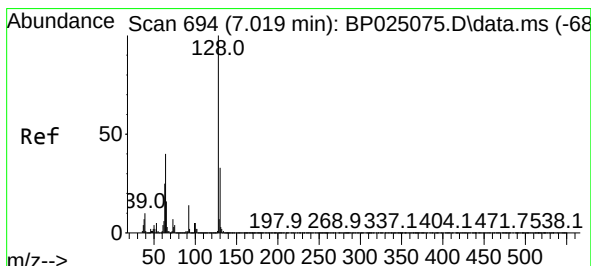
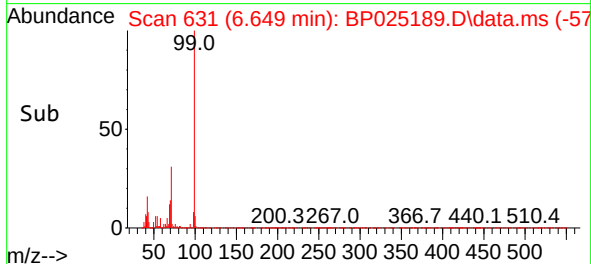
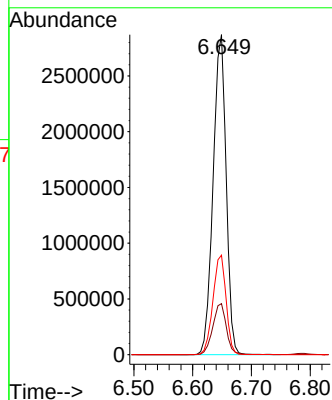
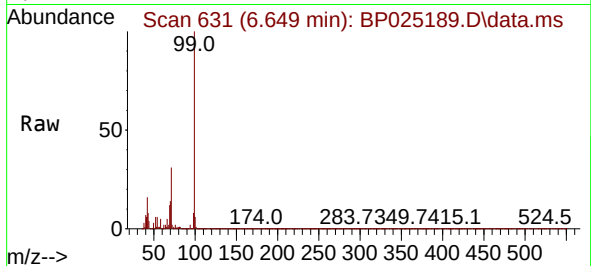




#7
Phenol-d6
Concen: 110.499 ng
RT: 6.649 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

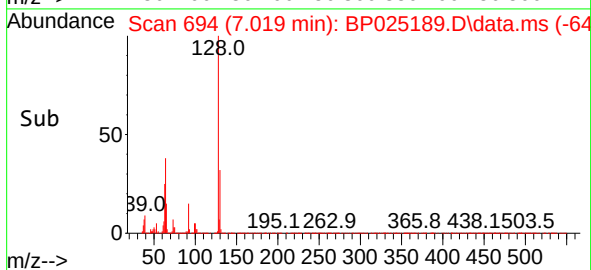
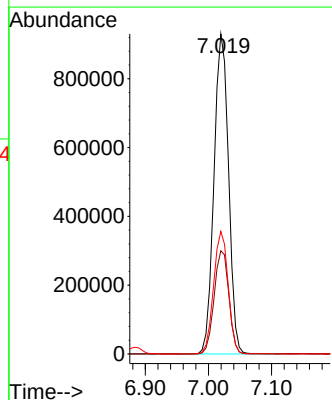
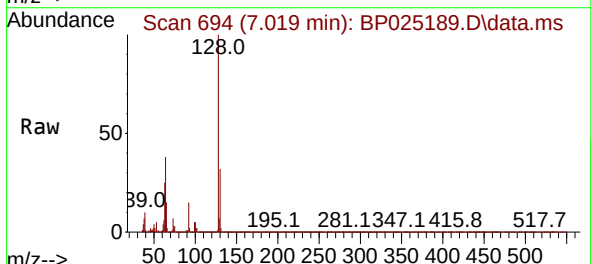
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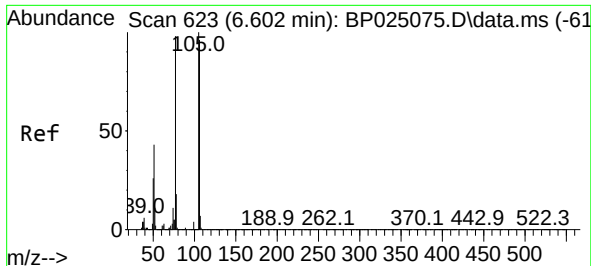
Tgt Ion: 99 Resp: 4416756
Ion Ratio Lower Upper
99 100
42 15.9 13.6 20.4
71 31.1 24.4 36.6



#8
2-Chlorophenol
Concen: 43.446 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:128 Resp: 1488895
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 38.3 20.3 60.3

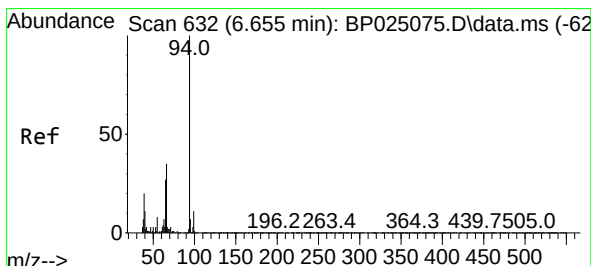
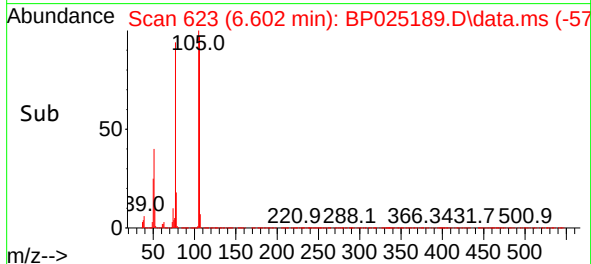
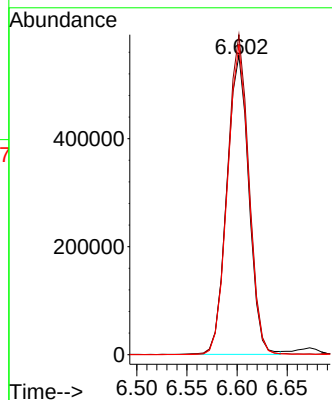
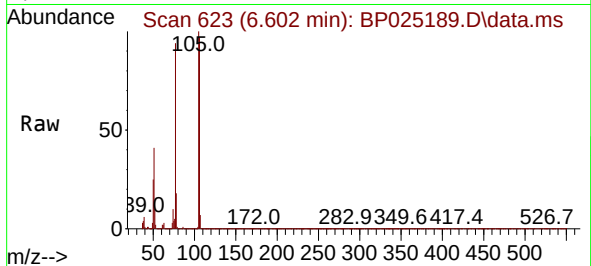




#9
Benzaldehyde
Concen: 40.236 ng
RT: 6.602 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

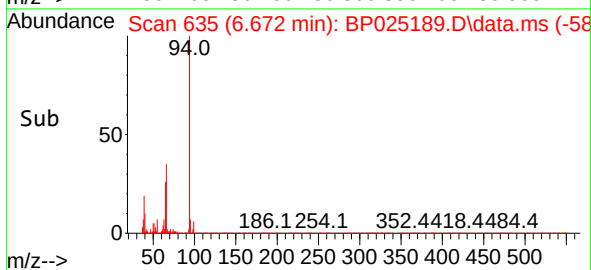
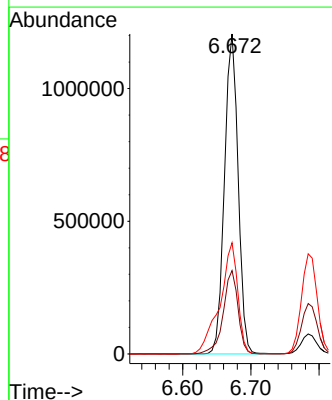
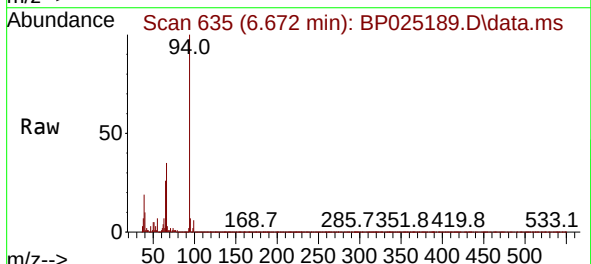
Instrument :
BNA_P
ClientSampleId :
PB168899BS

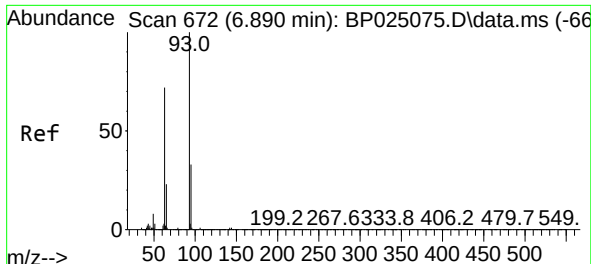
Tgt Ion: 77 Resp: 839925
Ion Ratio Lower Upper
77 100
105 106.9 82.4 122.4
106 103.4 78.3 118.3



#10
Phenol
Concen: 41.348 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 94 Resp: 1679313
Ion Ratio Lower Upper
94 100
65 26.1 6.9 46.9
66 34.8 14.6 54.6

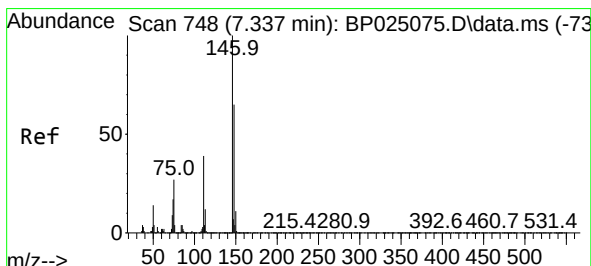
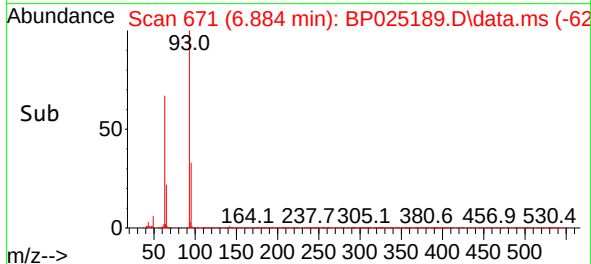
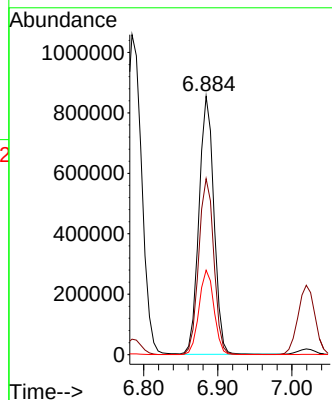
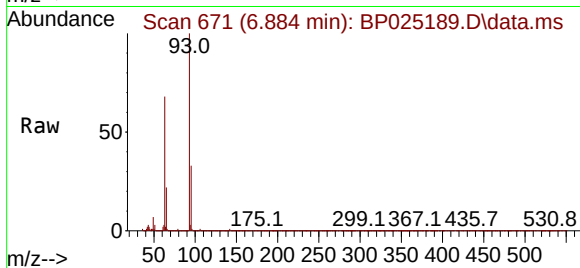




#11
bis(2-Chloroethyl)ether
Concen: 38.243 ng
RT: 6.884 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

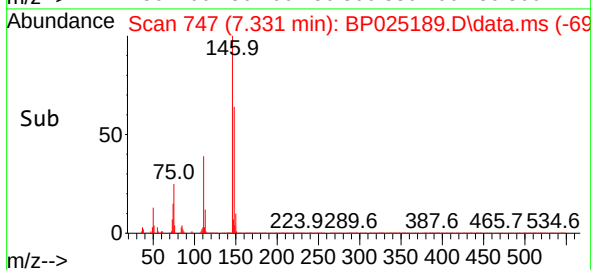
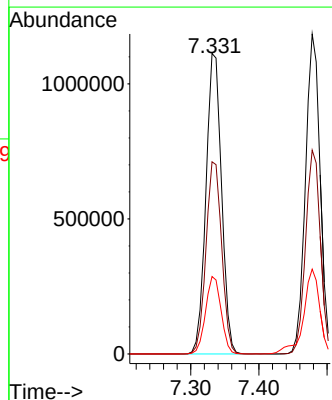
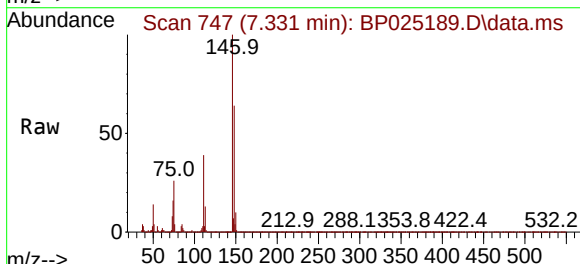
Instrument :
BNA_P
ClientSampleId :
PB168899BS

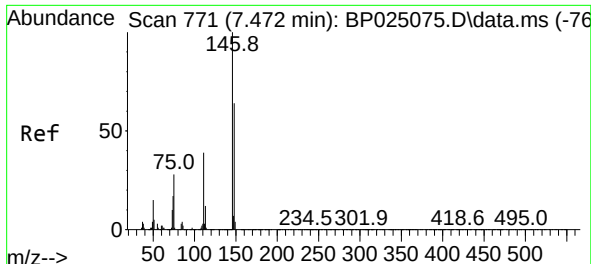
Tgt Ion: 93 Resp: 1195349
Ion Ratio Lower Upper
93 100
63 68.1 51.9 91.9
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.071 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:146 Resp: 1767022
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 25.8 21.8 32.6

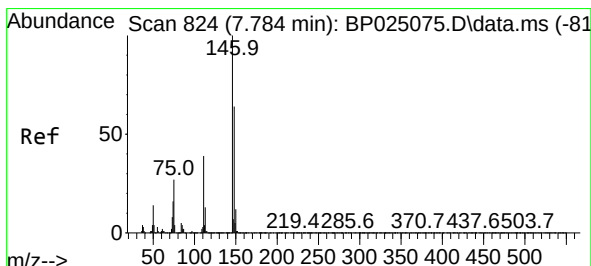
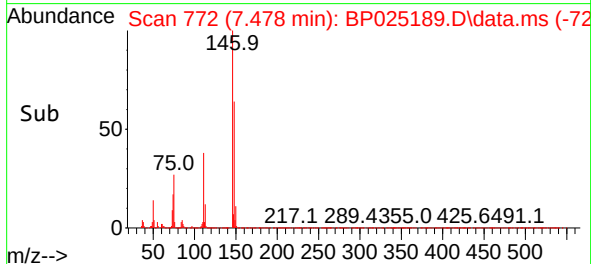
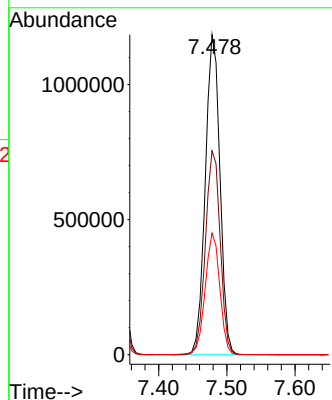
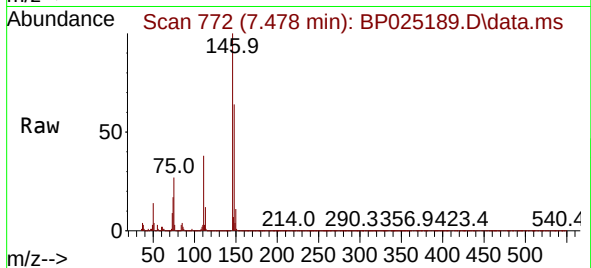




#13
1,4-Dichlorobenzene
Concen: 45.586 ng
RT: 7.478 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

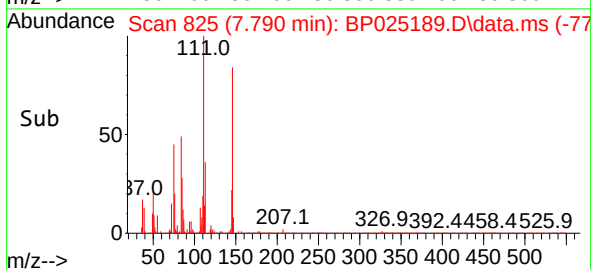
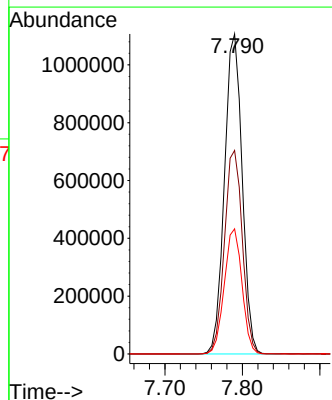
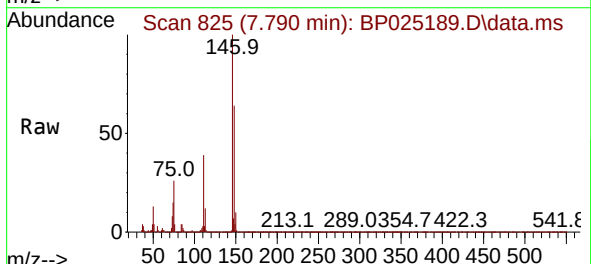
Instrument :
BNA_P
ClientSampleId :
PB168899BS

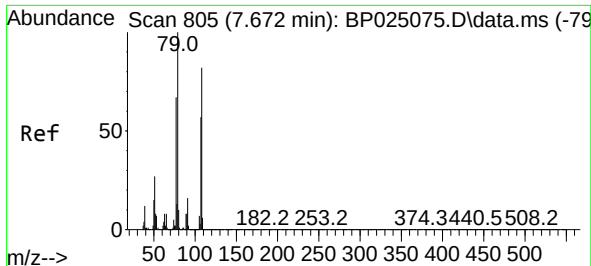
Tgt Ion:146 Resp: 1770191
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 38.0 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 46.997 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:146 Resp: 1755583
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 39.1 31.2 46.8

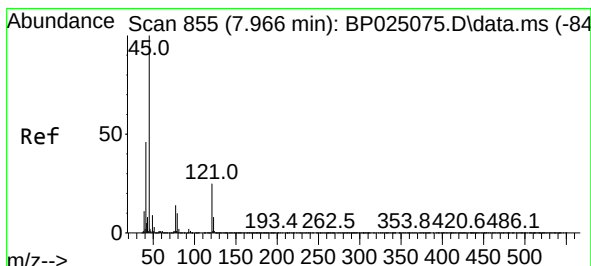
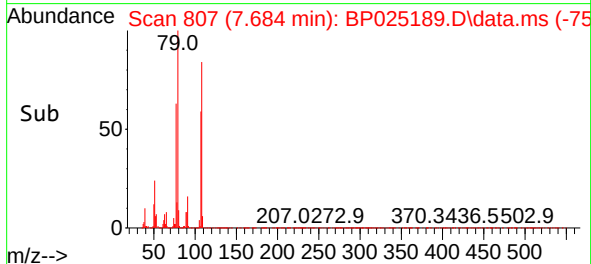
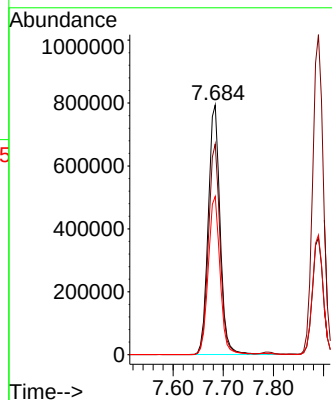
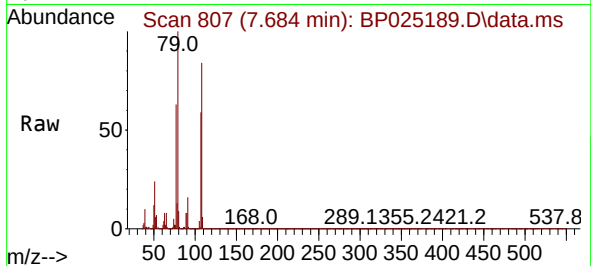




#15
Benzyl Alcohol
Concen: 48.920 ng
RT: 7.684 min Scan# 805
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

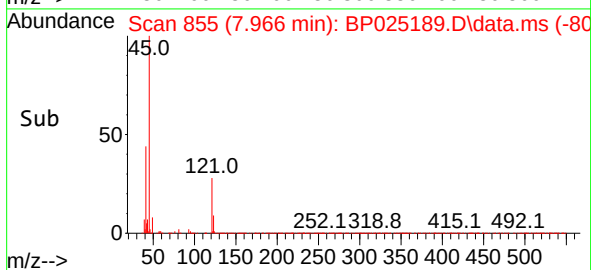
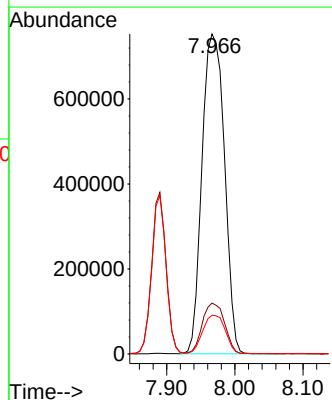
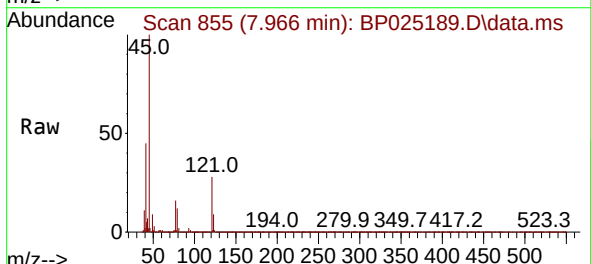
Instrument :
BNA_P
ClientSampleId :
PB168899BS

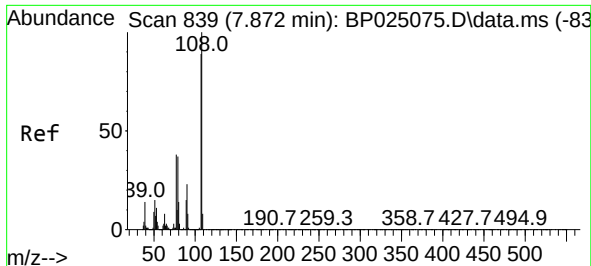
Tgt Ion: 79 Resp: 1305098
Ion Ratio Lower Upper
79 100
108 84.4 66.0 99.0
77 63.3 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.489 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

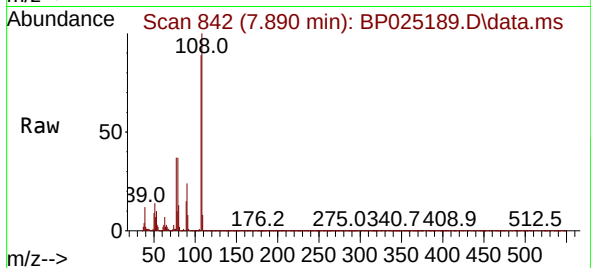
Tgt Ion: 45 Resp: 1726837
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.8
79 12.1 0.0 30.7





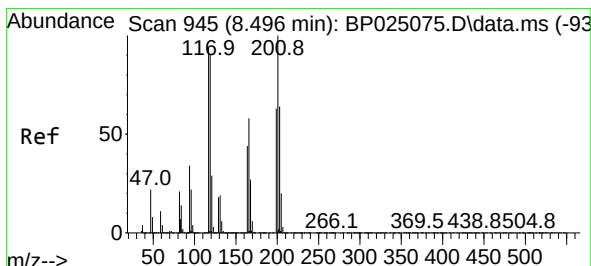
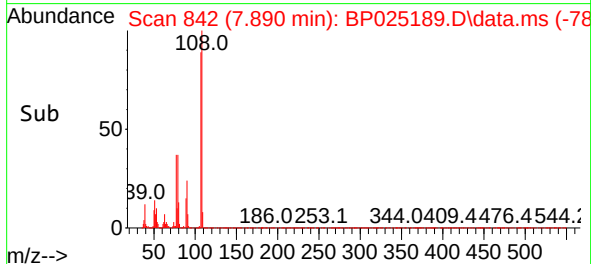
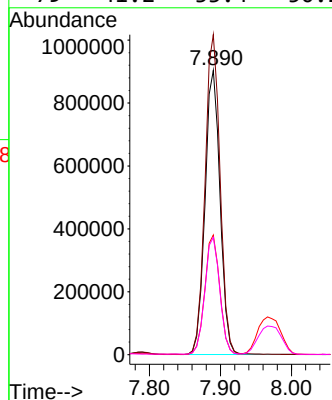
#17
2-Methylphenol
Concen: 50.816 ng
RT: 7.890 min Scan# 841
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Instrument :
BNA_P
ClientSampleId :
PB168899BS



Tgt Ion:107 Resp: 1329445

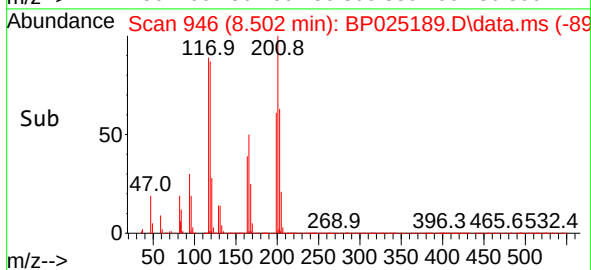
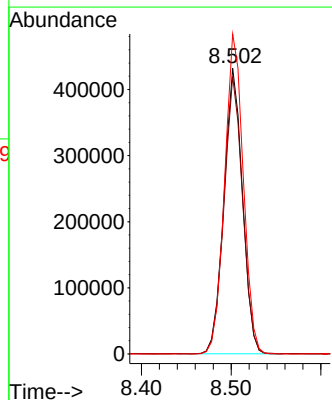
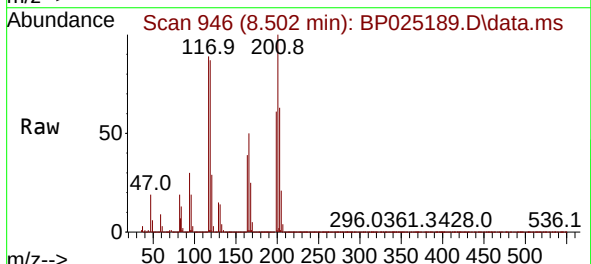
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.7	134.5
77	42.1	34.2	51.4
79	41.2	33.4	50.2

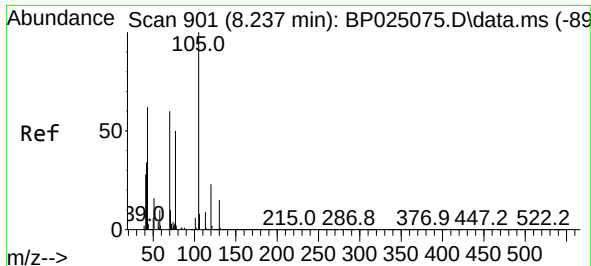


#18
Hexachloroethane
Concen: 49.183 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:117 Resp: 622183

Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.6	115.0
201	112.0	85.4	128.2



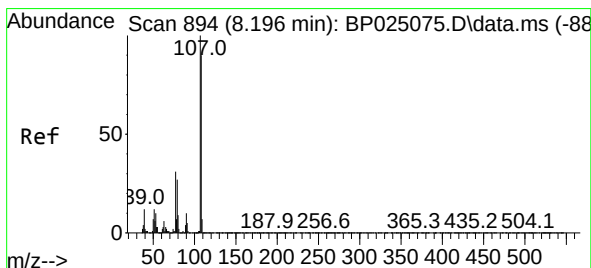
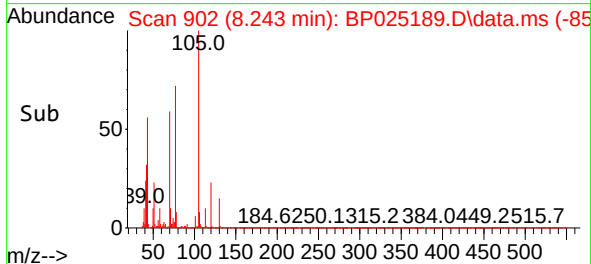
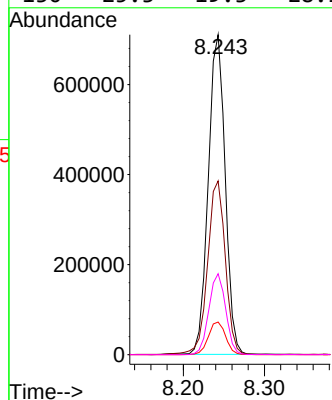
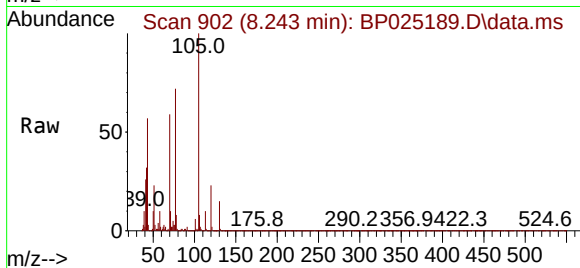


#19
n-Nitroso-di-n-propylamine
Concen: 43.284 ng
RT: 8.243 min Scan# 901
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Instrument :
BNA_P
ClientSampleId :
PB168899BS

Tgt Ion: 70 Resp: 1026046

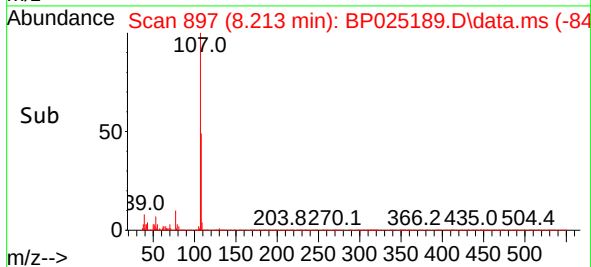
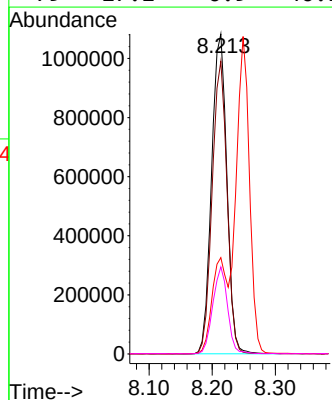
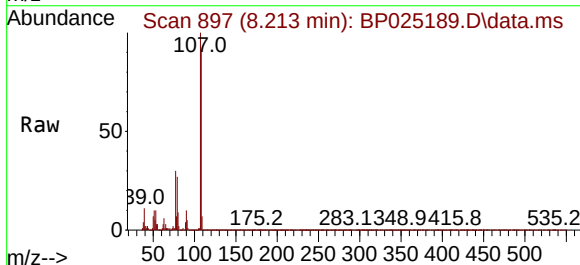
Ion	Ratio	Lower	Upper
70	100		
42	54.3	46.5	69.7
101	10.2	7.9	11.9
130	25.3	19.3	28.9

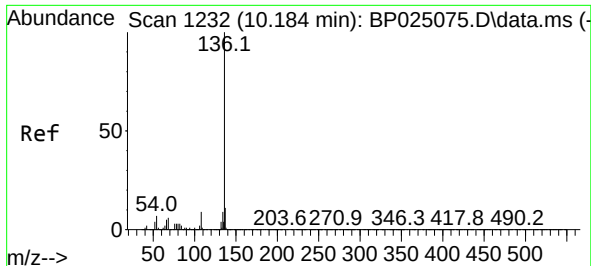


#20
3+4-Methylphenols
Concen: 49.489 ng
RT: 8.213 min Scan# 897
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 107 Resp: 1813503

Ion	Ratio	Lower	Upper
107	100		
108	91.5	69.5	109.5
77	30.1	11.4	51.4
79	27.2	6.9	46.9



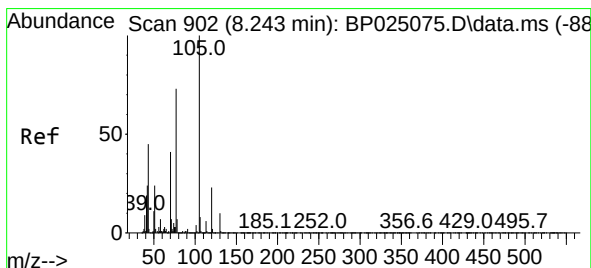
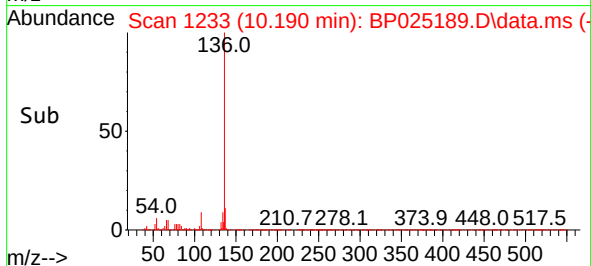
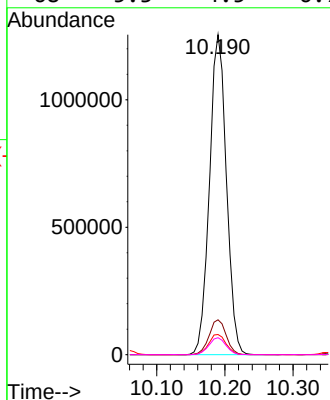
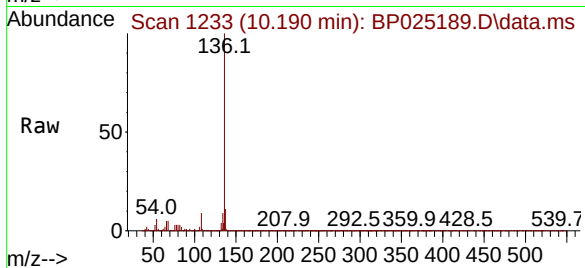


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Instrument :
BNA_P
ClientSampleId :
PB168899BS

Tgt Ion:136 Resp: 2173791

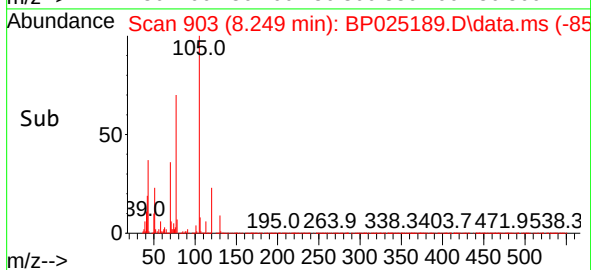
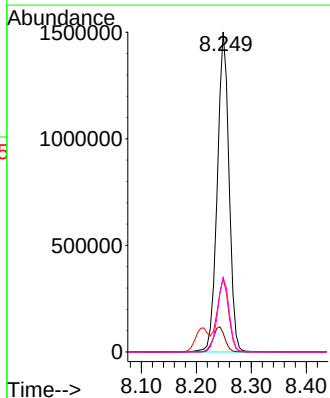
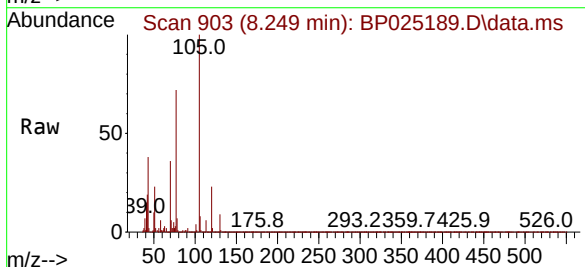
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.3	5.4	8.2
68	5.3	4.5	6.7

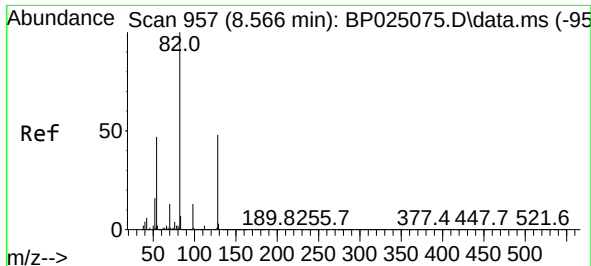


#22
Acetophenone
Concen: 43.114 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:105 Resp: 2216481

Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.4	8.2
51	23.1	19.6	29.4
120	23.2	18.8	28.2

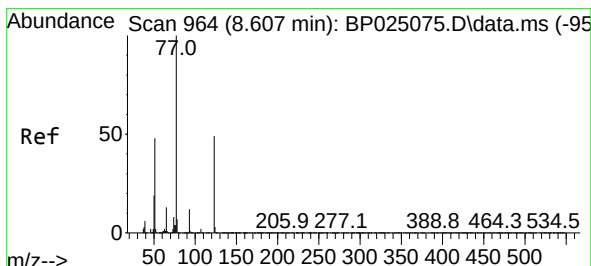
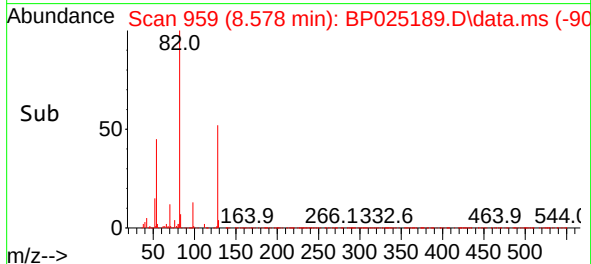
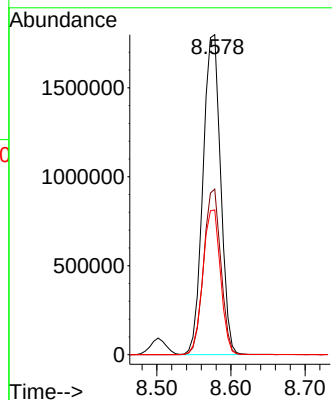
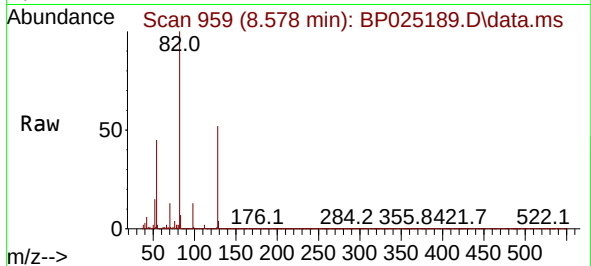




#23
Nitrobenzene-d5
Concen: 91.097 ng
RT: 8.578 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

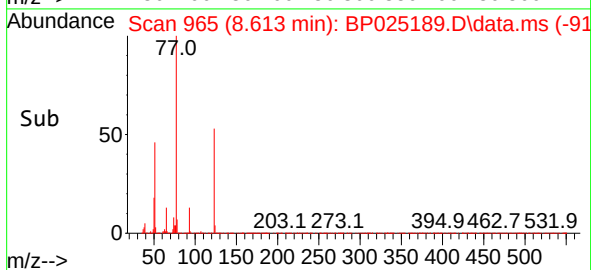
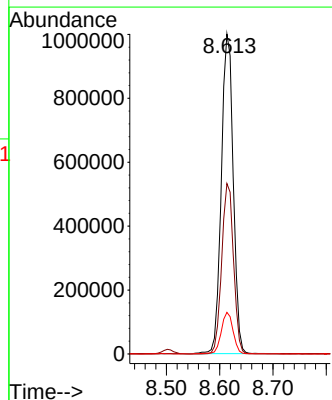
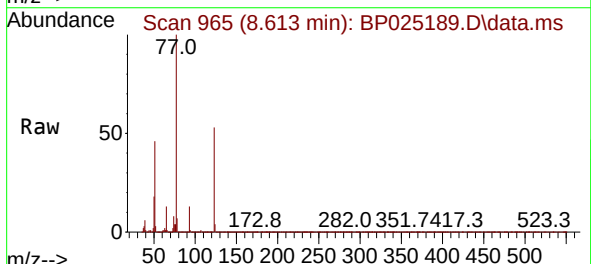
Instrument :
BNA_P
ClientSampleId :
PB168899BS

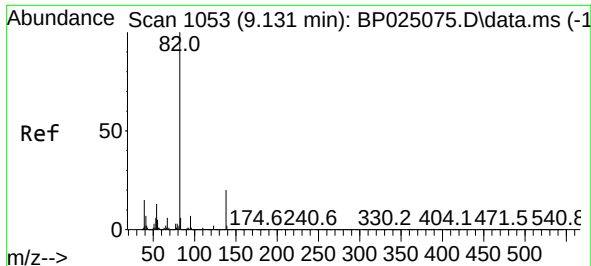
Tgt Ion: 82 Resp: 2977601
Ion Ratio Lower Upper
82 100
128 51.8 38.4 57.6
54 45.3 37.8 56.6



#24
Nitrobenzene
Concen: 46.626 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 77 Resp: 1552330
Ion Ratio Lower Upper
77 100
123 53.3 39.0 58.6
65 13.0 10.7 16.1

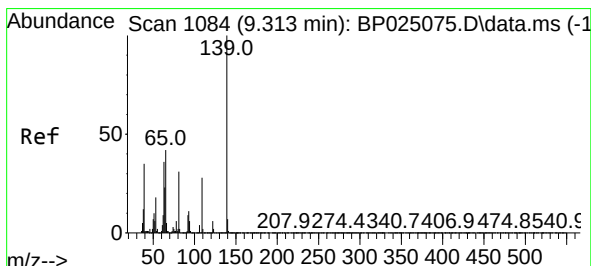
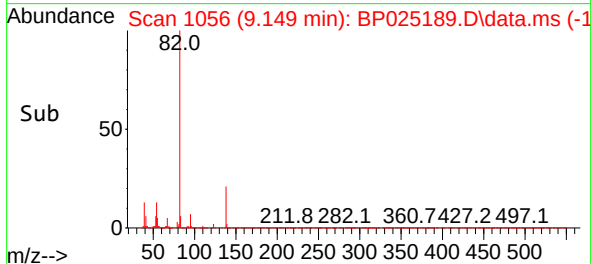
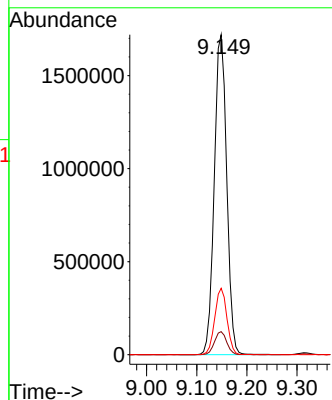
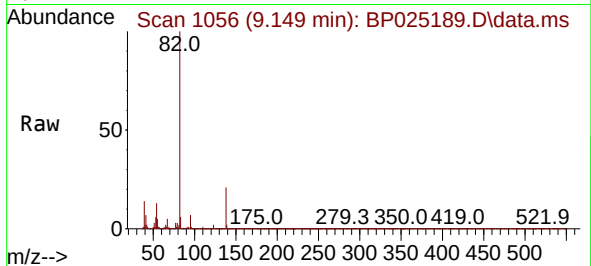




#25
Isophorone
Concen: 48.302 ng
RT: 9.149 min Scan# 1056
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

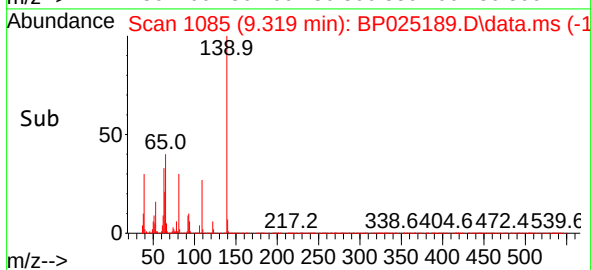
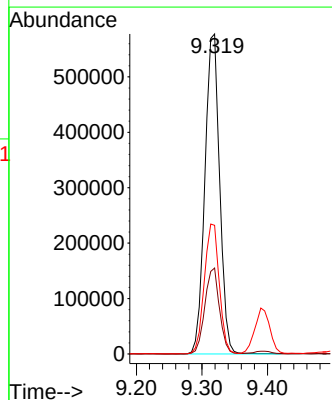
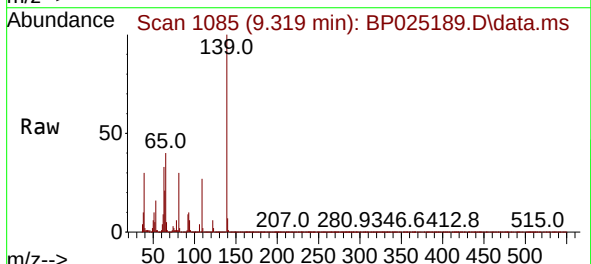
Instrument :
BNA_P
ClientSampleId :
PB168899BS

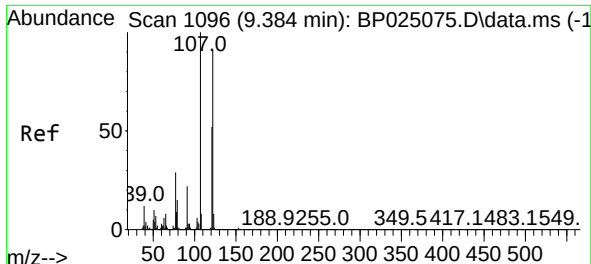
Tgt Ion: 82 Resp: 2950484
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 20.7 15.7 23.5



#26
2-Nitrophenol
Concen: 55.540 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 139 Resp: 906308
Ion Ratio Lower Upper
139 100
109 26.8 22.3 33.5
65 40.2 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 68.096 ng

RT: 9.390 min Scan# 1096

Delta R.T. 0.006 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

Instrument :

BNA_P

ClientSampleId :

PB168899BS

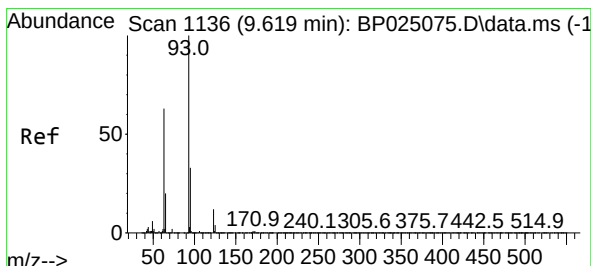
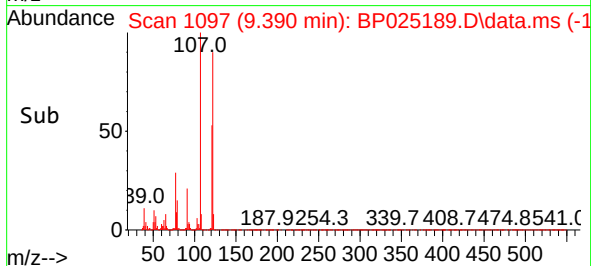
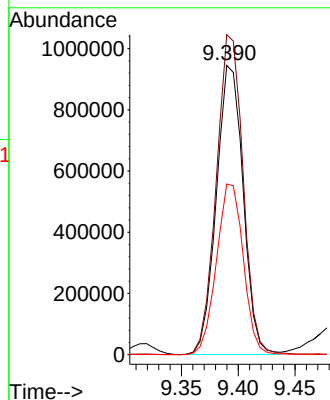
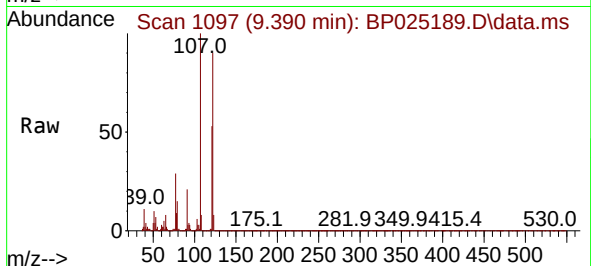
Tgt Ion:122 Resp: 1551645

Ion Ratio Lower Upper

122 100

107 110.6 88.2 132.2

121 59.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.657 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

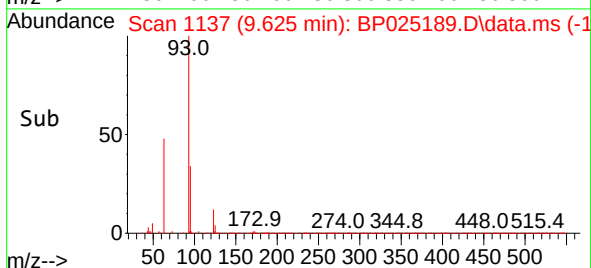
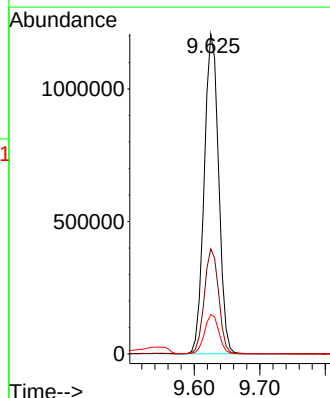
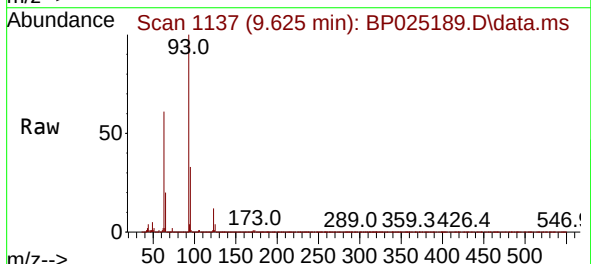
Tgt Ion: 93 Resp: 1852178

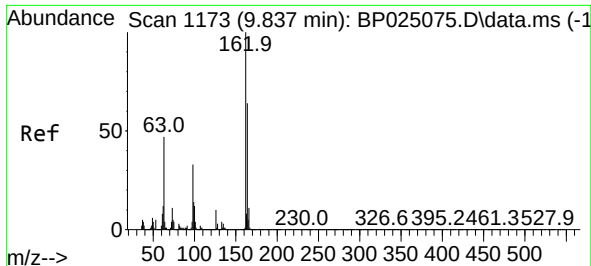
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 12.3 10.1 15.1

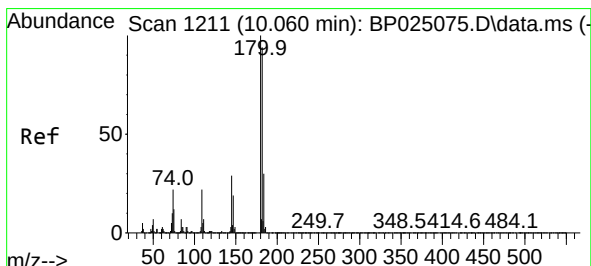
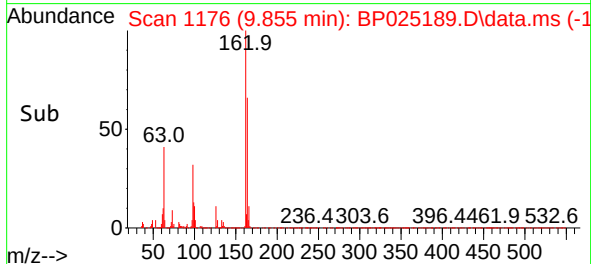
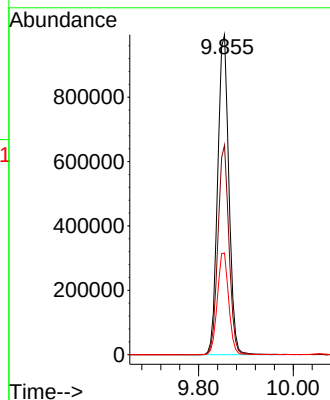
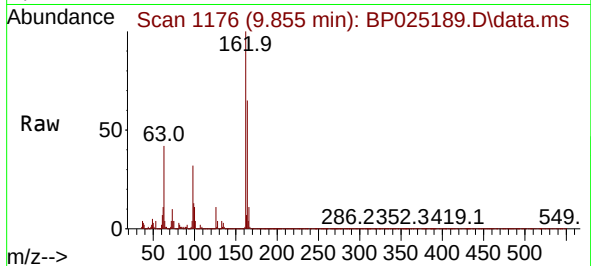




#29
2,4-Dichlorophenol
Concen: 51.637 ng
RT: 9.855 min Scan# 1173
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

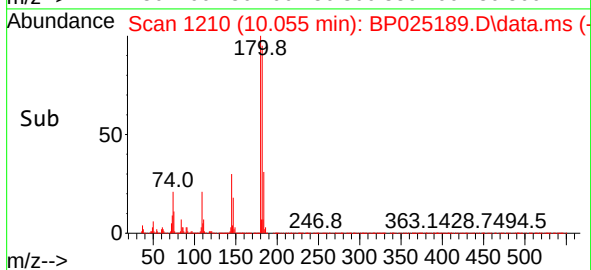
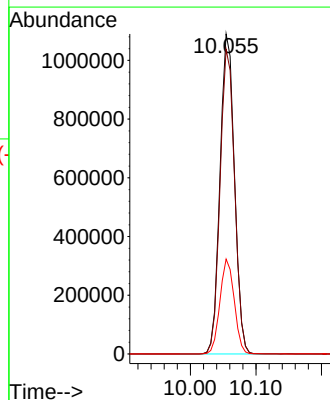
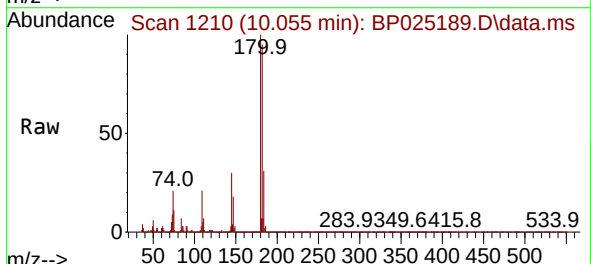
Instrument :
BNA_P
ClientSampleId :
PB168899BS

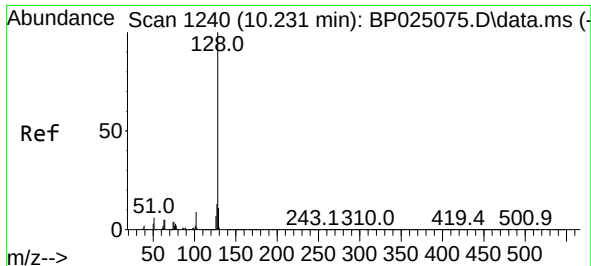
Tgt Ion:162 Resp: 1631495
Ion Ratio Lower Upper
162 100
164 65.5 44.1 84.1
98 31.7 13.1 53.1



#30
1,2,4-Trichlorobenzene
Concen: 47.455 ng
RT: 10.055 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:180 Resp: 1660404
Ion Ratio Lower Upper
180 100
182 95.2 75.1 112.7
145 29.6 23.3 34.9

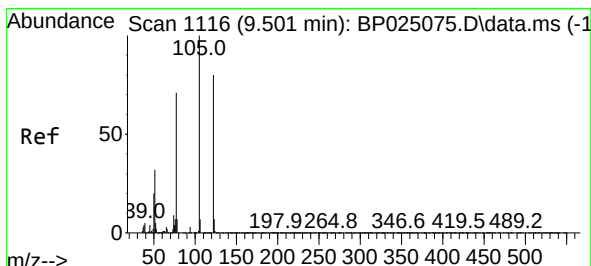
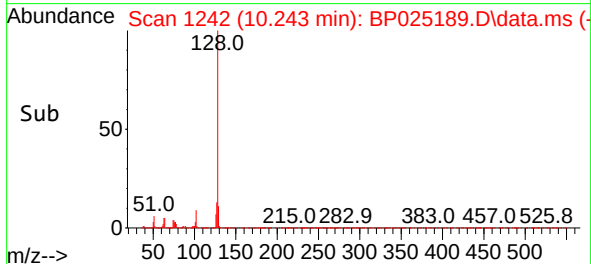
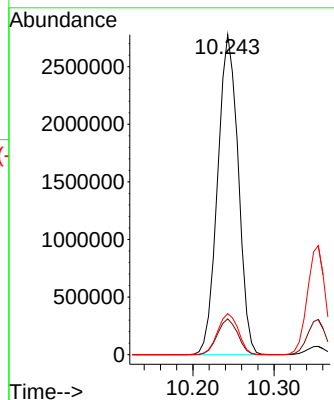
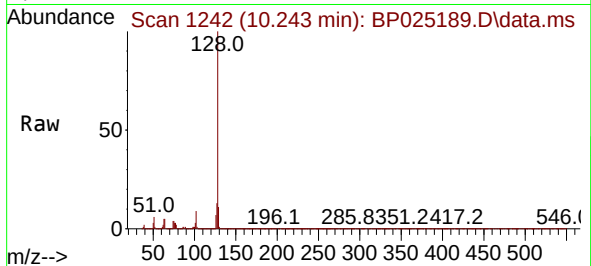




#31
Naphthalene
Concen: 43.731 ng
RT: 10.243 min Scan# 1114
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

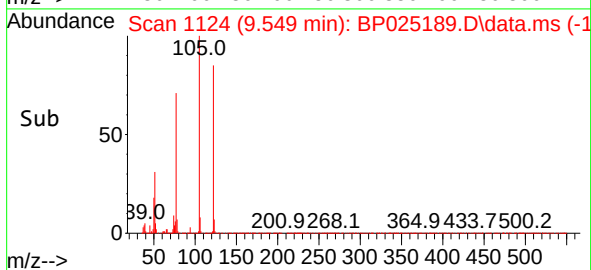
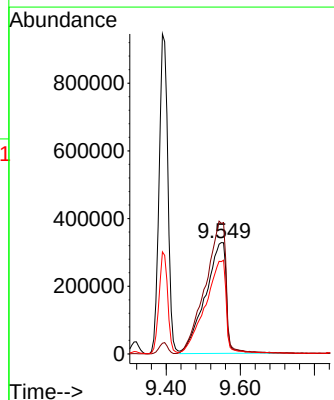
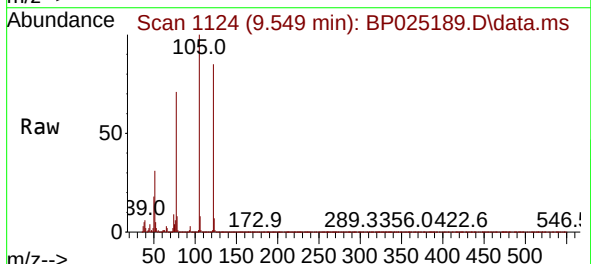
Instrument :
BNA_P
ClientSampleId :
PB168899BS

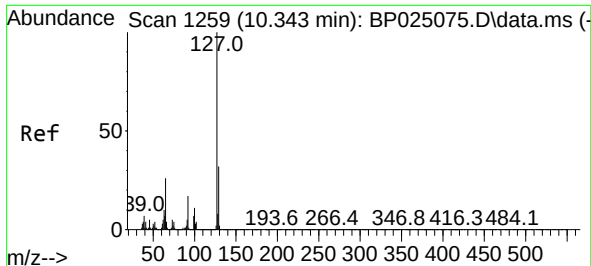
Tgt Ion:128 Resp: 4895000
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 55.602 ng
RT: 9.549 min Scan# 1124
Delta R.T. 0.048 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:122 Resp: 1291398
Ion Ratio Lower Upper
122 100
105 117.2 101.0 141.0
77 83.0 67.6 107.6



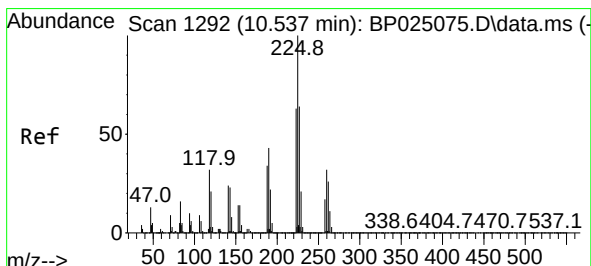
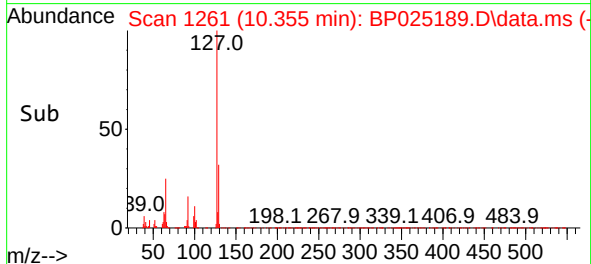
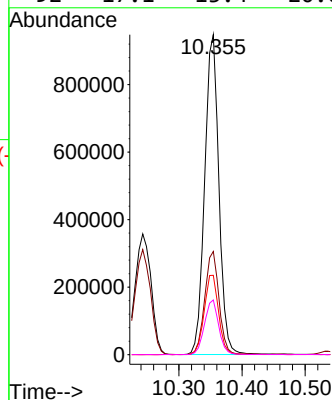
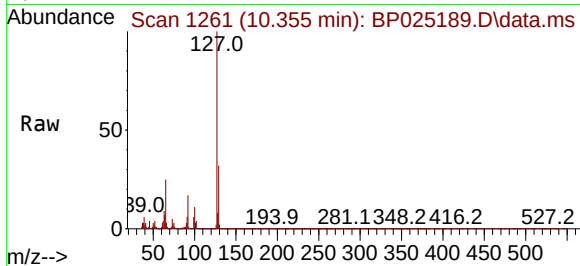


#33
4-Chloroaniline
Concen: 35.444 ng
RT: 10.355 min Scan# 1261
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Instrument :
BNA_P
ClientSampleId :
PB168899BS

Tgt Ion:127 Resp: 1480553

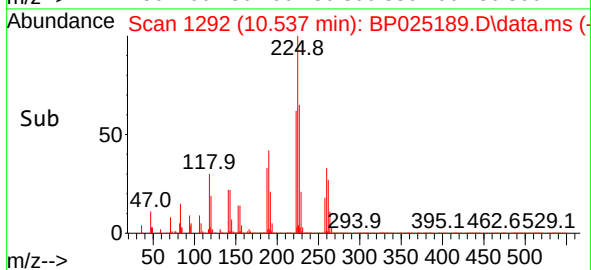
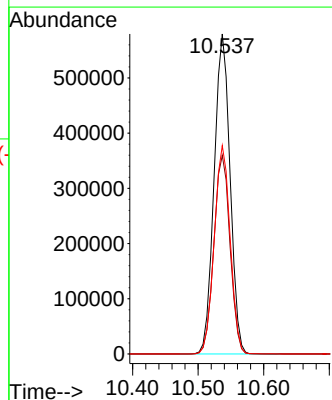
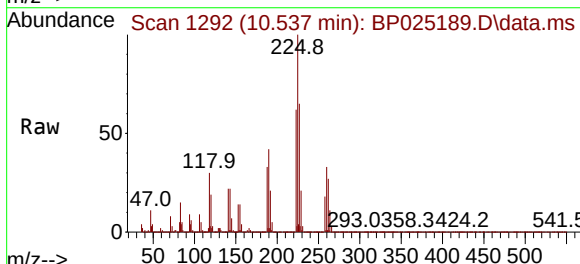
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	24.8	21.0	31.6
92	17.1	13.4	20.0

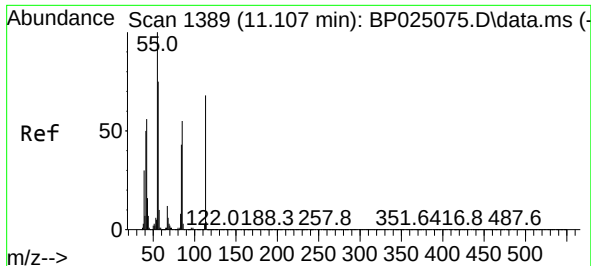


#34
Hexachlorobutadiene
Concen: 48.635 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:225 Resp: 976537

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	65.1	51.3	76.9

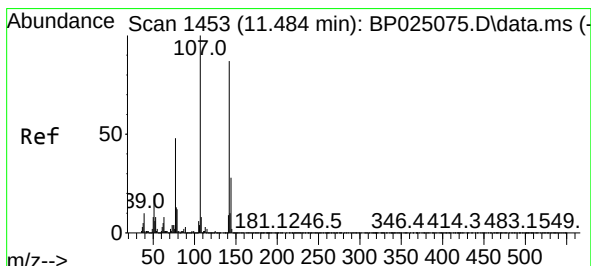
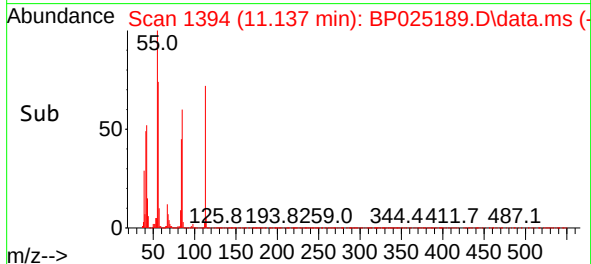
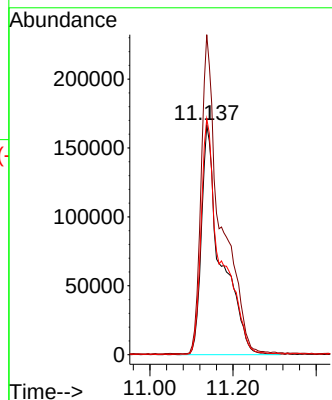
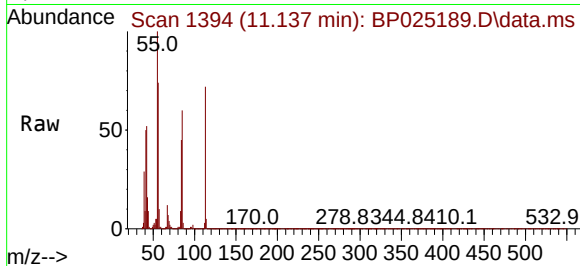




#35
Caprolactam
Concen: 49.987 ng
RT: 11.137 min Scan# 111
Delta R.T. 0.030 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

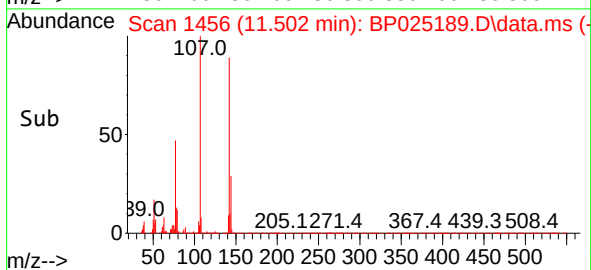
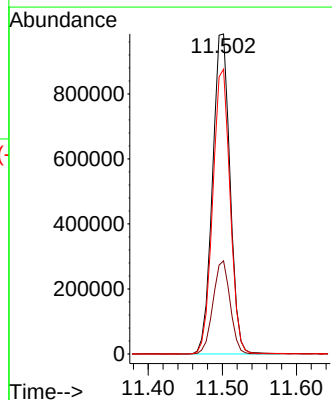
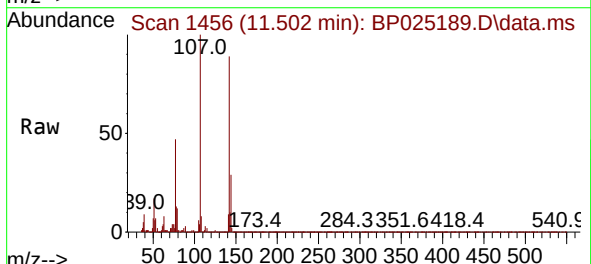
Instrument :
BNA_P
ClientSampleId :
PB168899BS

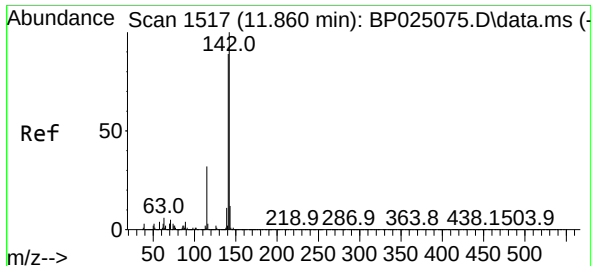
Tgt Ion:113 Resp: 540309
Ion Ratio Lower Upper
113 100
55 139.4 128.1 168.1
56 102.8 90.7 130.7



#36
4-Chloro-3-methylphenol
Concen: 48.816 ng
RT: 11.502 min Scan# 1456
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:107 Resp: 1611826
Ion Ratio Lower Upper
107 100
144 29.1 22.4 33.6
142 89.0 69.6 104.4

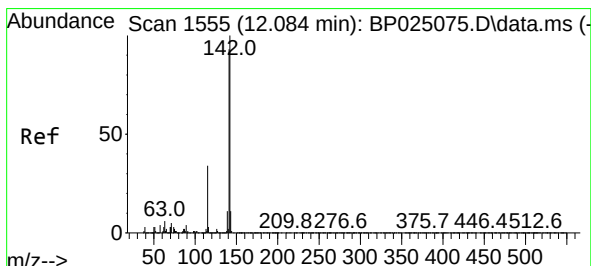
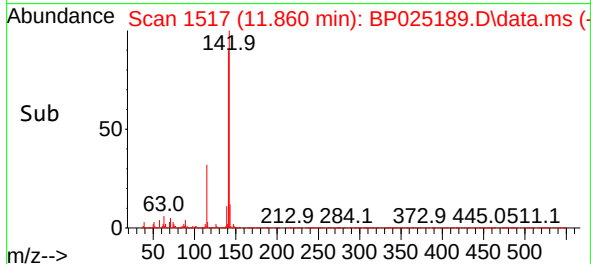
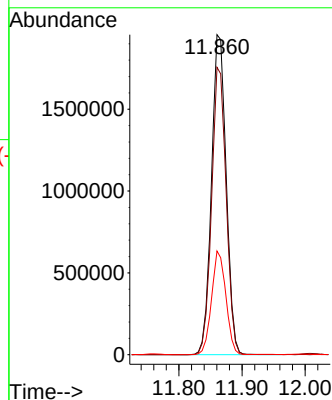
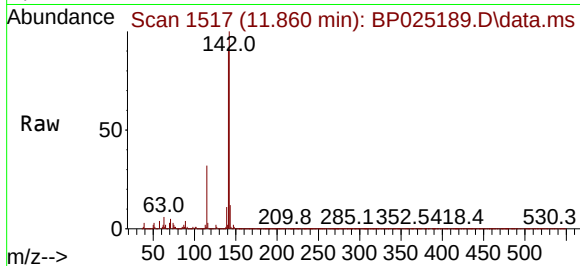




#37
2-Methylnaphthalene
Concen: 39.990 ng
RT: 11.860 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

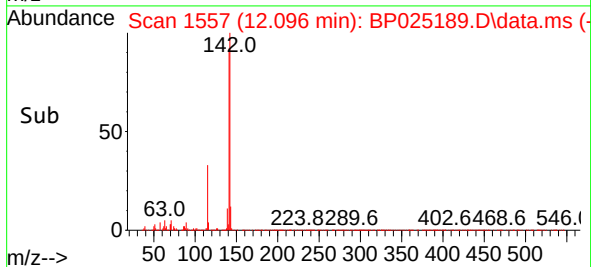
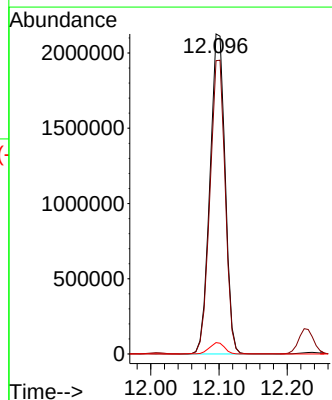
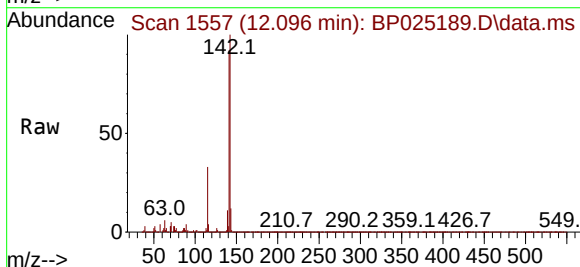
Instrument :
BNA_P
ClientSampleId :
PB168899BS

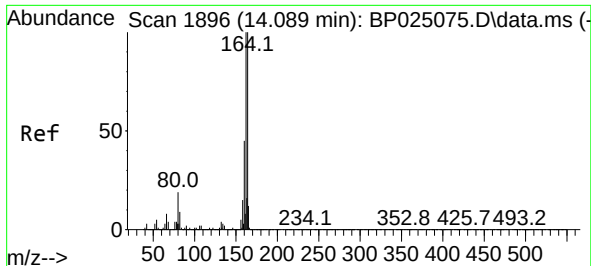
Tgt Ion:142 Resp: 3158278
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8
115 32.4 25.9 38.9



#38
1-Methylnaphthalene
Concen: 42.815 ng
RT: 12.096 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:142 Resp: 3297801
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1
116 3.6 2.7 4.1

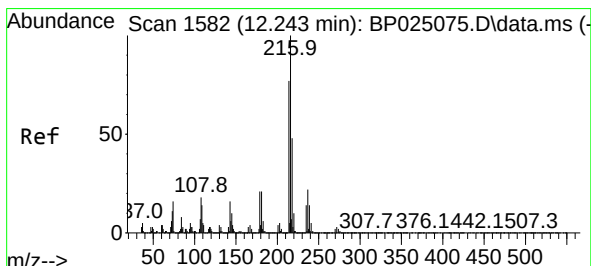
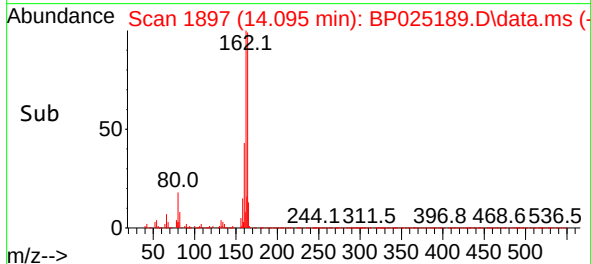
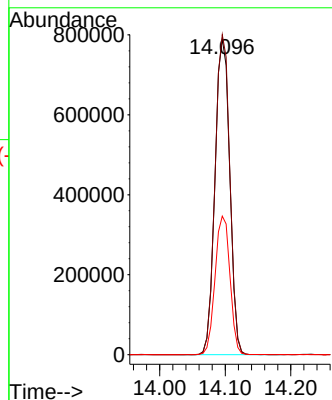
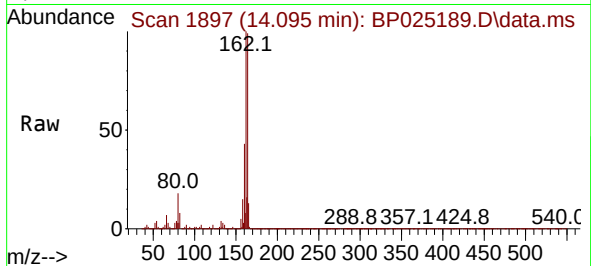




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1896
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

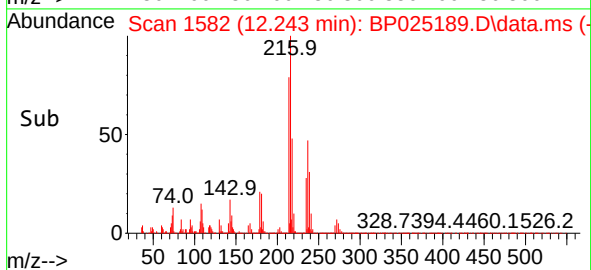
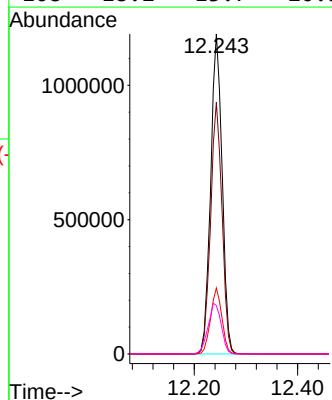
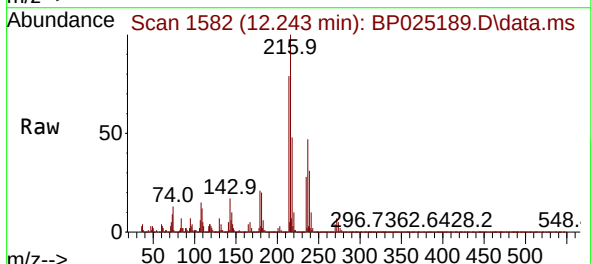
Instrument :
BNA_P
ClientSampleId :
PB168899BS

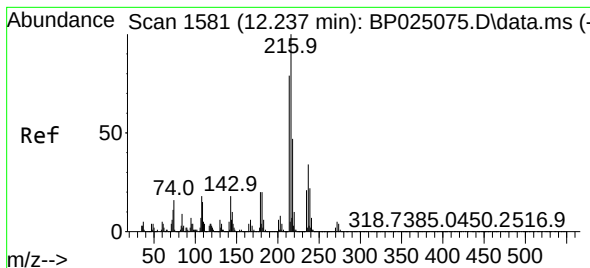
Tgt Ion:164 Resp: 1229079
Ion Ratio Lower Upper
164 100
162 101.3 80.3 120.5
160 43.9 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.848 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:216 Resp: 1831454
Ion Ratio Lower Upper
216 100
214 78.3 62.4 93.6
179 20.2 16.5 24.7
108 18.2 13.7 20.5

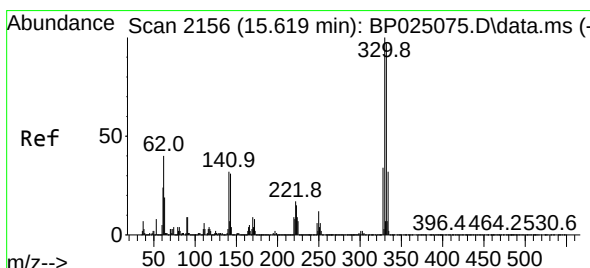
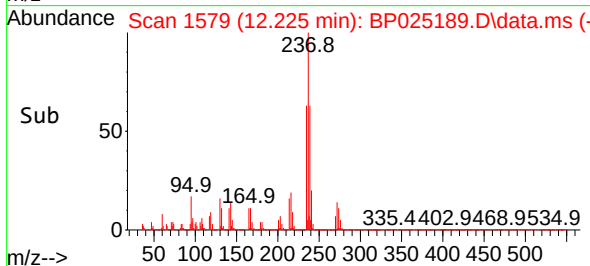
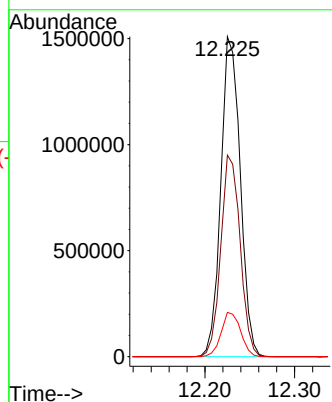
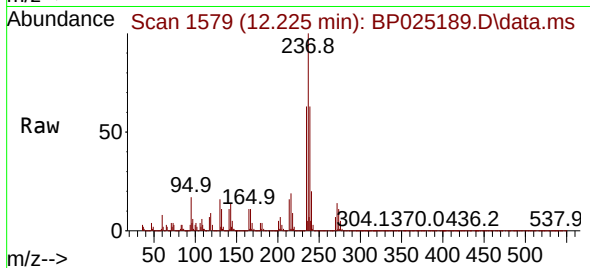




#41
Hexachlorocyclopentadiene
Concen: 245.884 ng
RT: 12.225 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

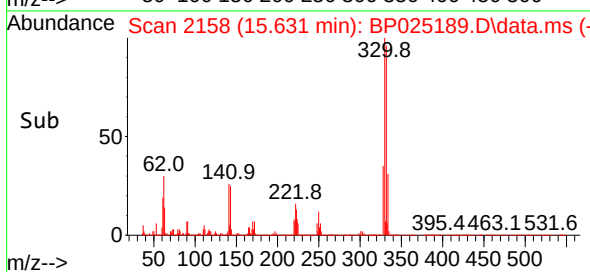
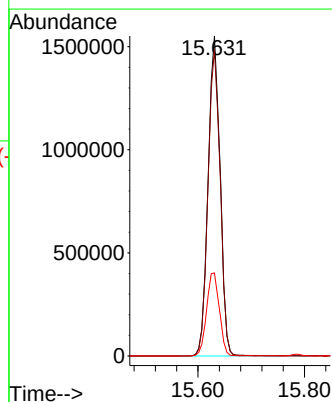
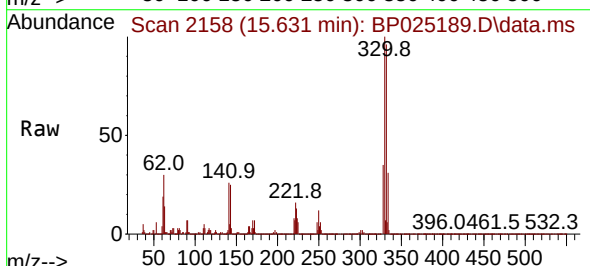
Instrument :
BNA_P
ClientSampleId :
PB168899BS

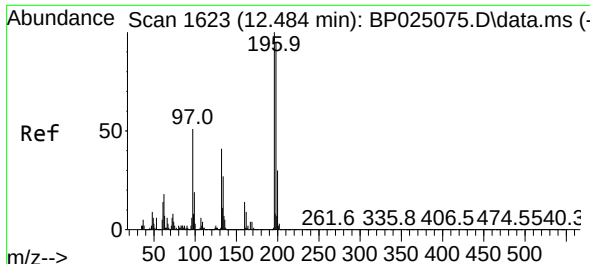
Tgt Ion:237 Resp: 2268687
Ion Ratio Lower Upper
237 100
235 63.0 41.6 81.6
272 13.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 168.205 ng
RT: 15.631 min Scan# 2158
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:330 Resp: 2442258
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 27.5 26.0 39.0

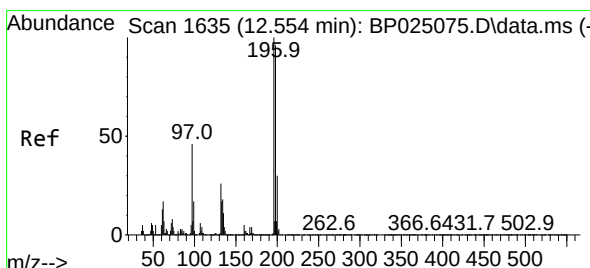
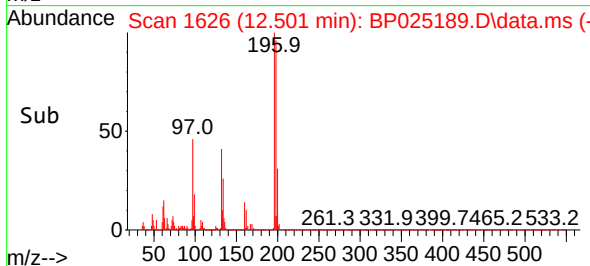
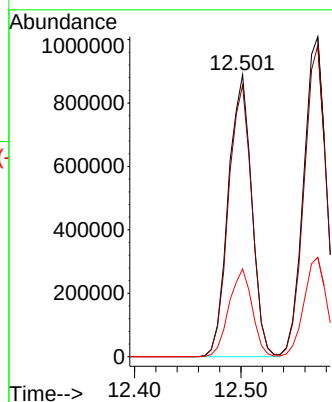
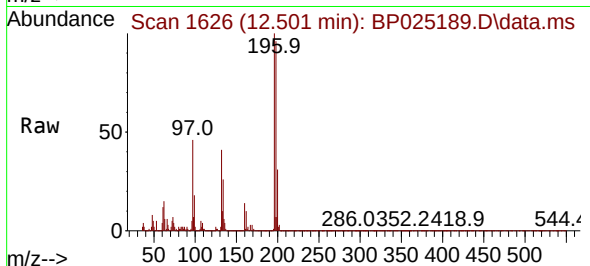




#43
2,4,6-Trichlorophenol
Concen: 63.330 ng
RT: 12.501 min Scan# 1626
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

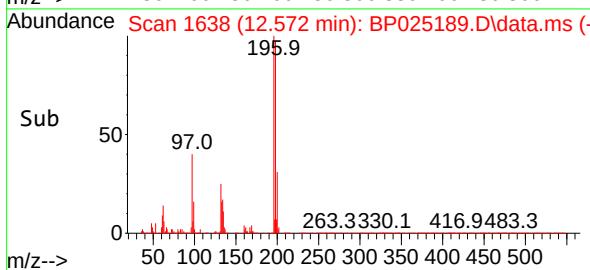
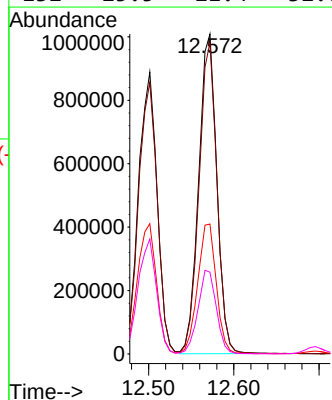
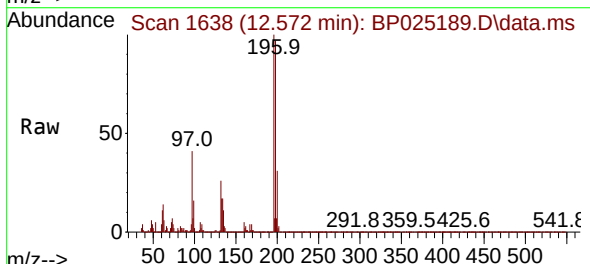
Instrument :
BNA_P
ClientSampleId :
PB168899BS

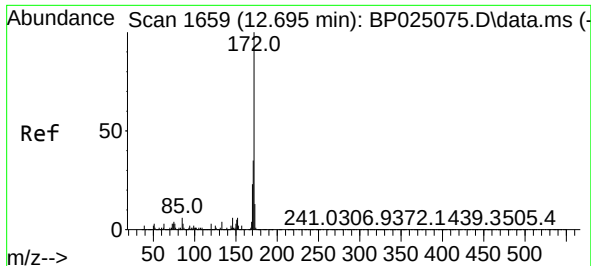
Tgt Ion:196 Resp: 1354562
Ion Ratio Lower Upper
196 100
198 96.3 76.2 114.2
200 31.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 61.639 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:196 Resp: 1494120
Ion Ratio Lower Upper
196 100
198 97.3 76.6 115.0
97 40.6 36.6 55.0
132 25.5 21.4 32.0

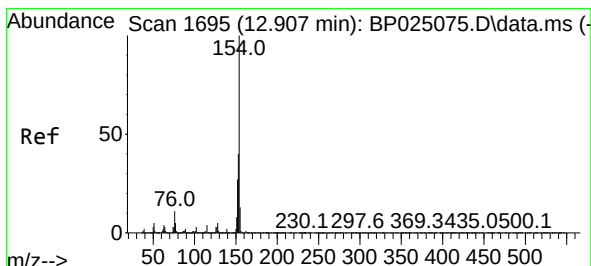
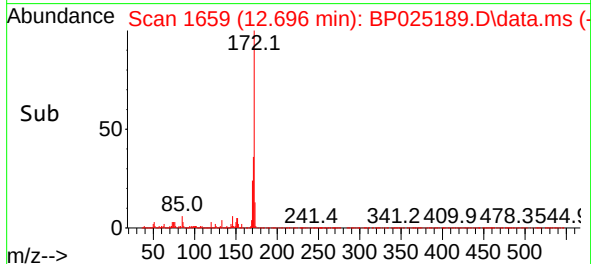
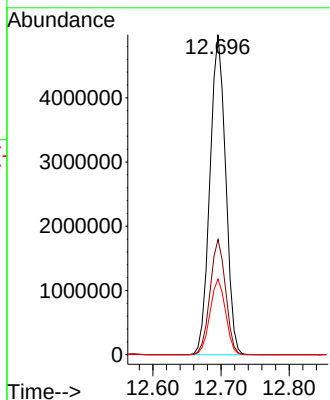
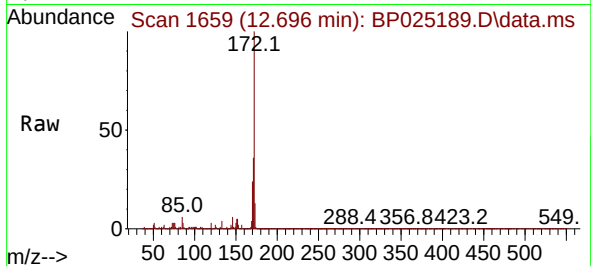




#45
2-Fluorobiphenyl
Concen: 100.628 ng
RT: 12.696 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

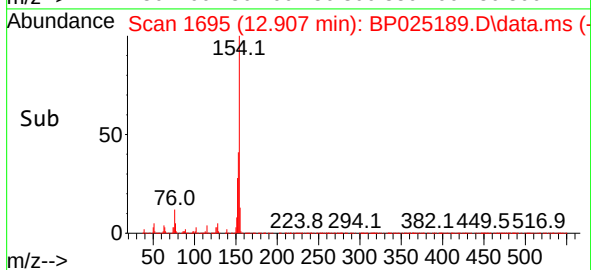
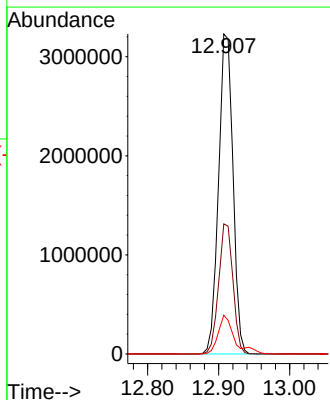
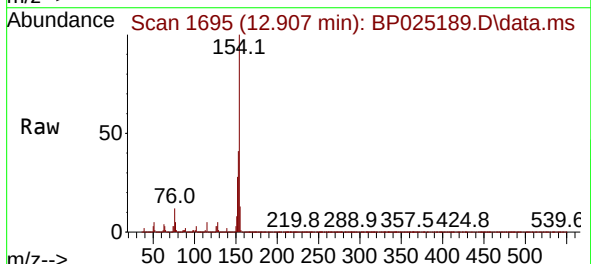
Instrument :
BNA_P
ClientSampleId :
PB168899BS

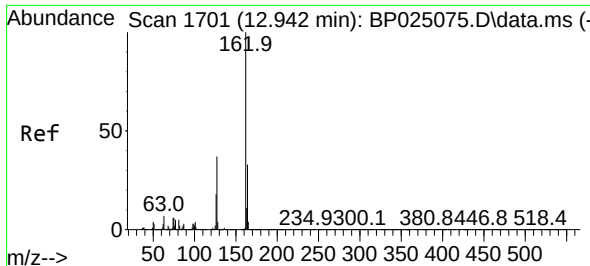
Tgt Ion:172 Resp: 7983624
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.7 18.7 28.1



#46
1,1'-Biphenyl
Concen: 50.605 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:154 Resp: 4525439
Ion Ratio Lower Upper
154 100
153 40.7 20.2 60.2
76 12.1 0.0 31.5

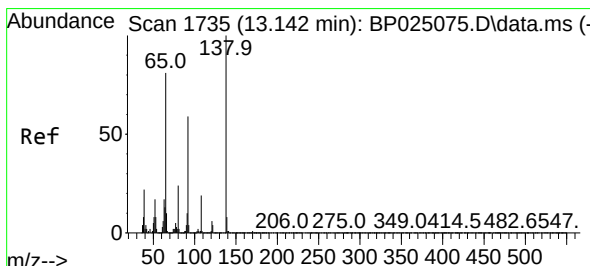
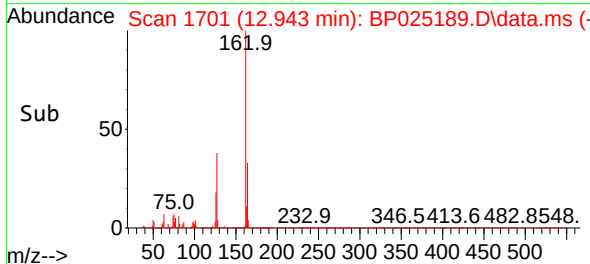
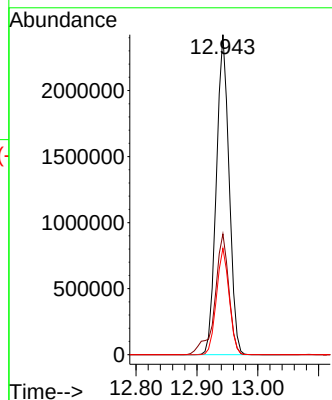
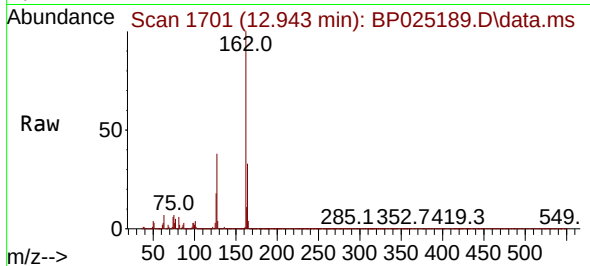




#47
2-Chloronaphthalene
Concen: 52.345 ng
RT: 12.943 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

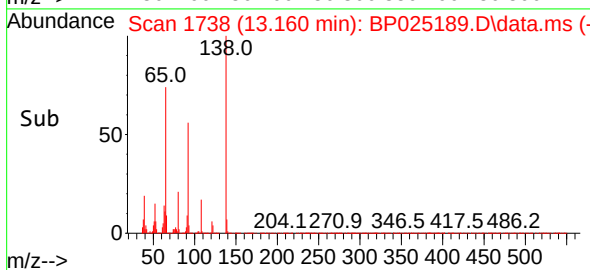
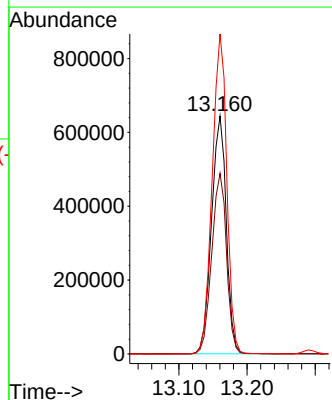
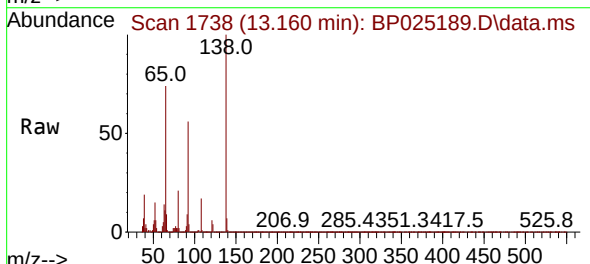
Instrument :
BNA_P
ClientSampleId :
PB168899BS

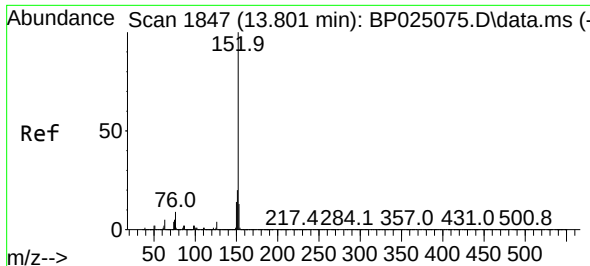
Tgt Ion:162 Resp: 3518271
Ion Ratio Lower Upper
162 100
127 37.7 29.4 44.2
164 33.3 26.4 39.6



#48
2-Nitroaniline
Concen: 58.341 ng
RT: 13.160 min Scan# 1738
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 65 Resp: 970971
Ion Ratio Lower Upper
65 100
92 75.9 58.7 88.1
138 134.5 99.0 148.4

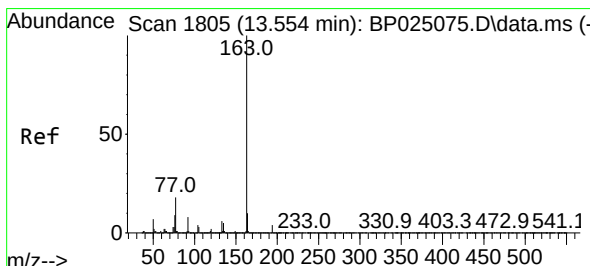
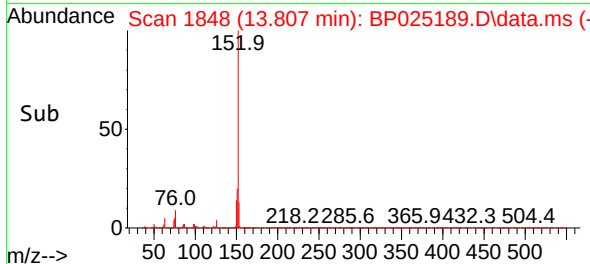
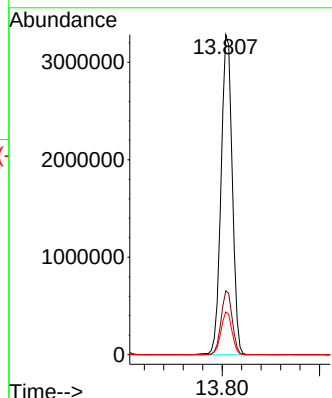
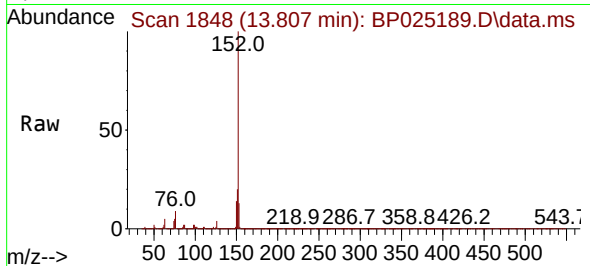




#49
Acenaphthylene
Concen: 51.101 ng
RT: 13.807 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

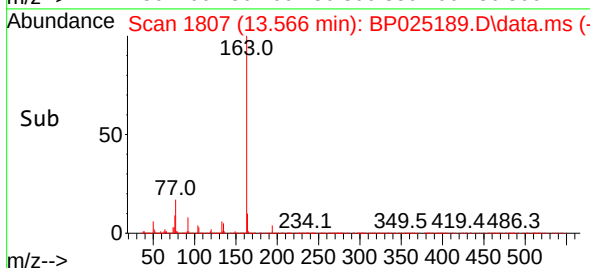
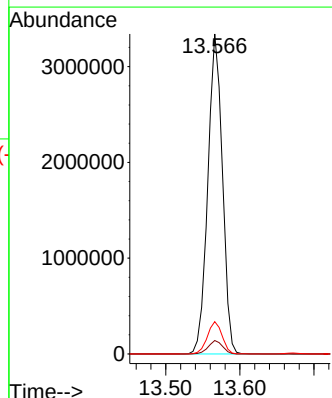
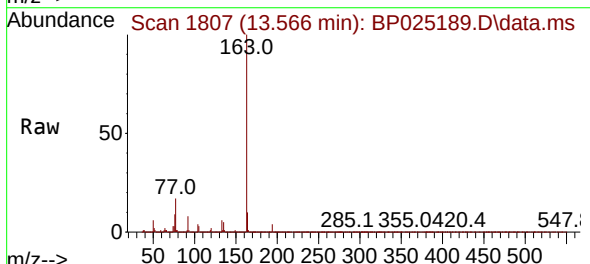
Instrument :
BNA_P
ClientSampleId :
PB168899BS

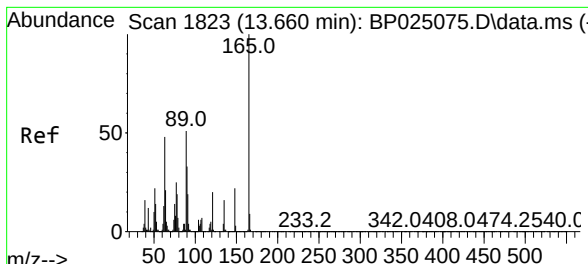
Tgt Ion:152 Resp: 5256910
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 53.026 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:163 Resp: 4562127
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.0 12.0



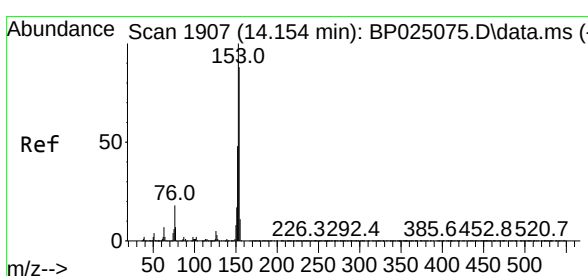
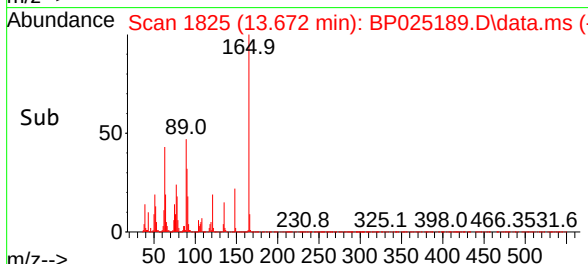
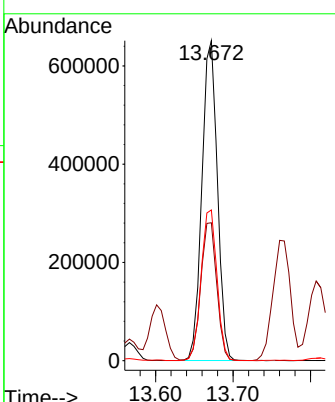
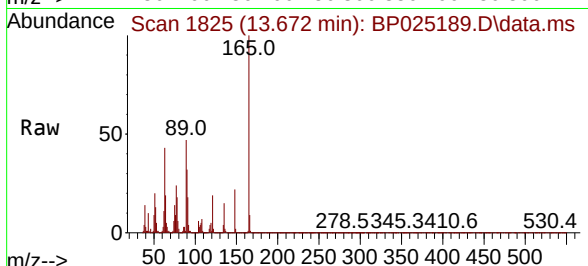


#51
 2,6-Dinitrotoluene
 Concen: 53.805 ng
 RT: 13.672 min Scan# 1825
 Delta R.T. 0.012 min
 Lab File: BP025189.D
 Acq: 18 Jul 2025 12:27

Instrument : BNA_P
 ClientSampleId : PB168899BS

Tgt Ion:165 Resp: 902822

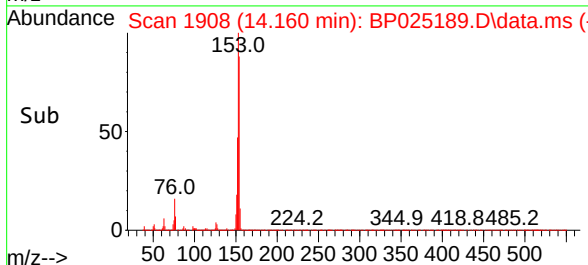
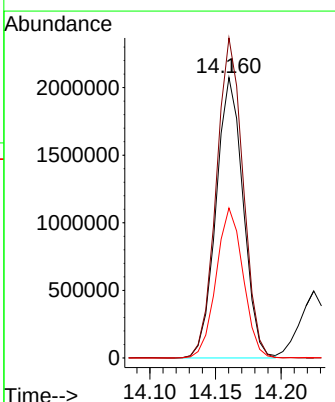
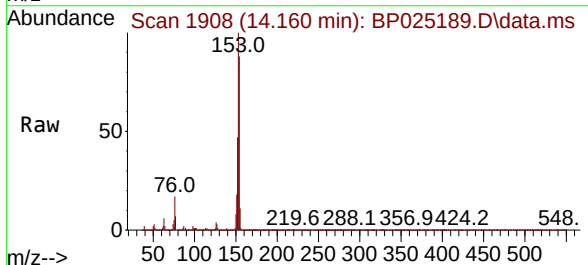
Ion	Ratio	Lower	Upper
165	100		
63	43.1	38.5	57.7
89	47.1	40.6	61.0

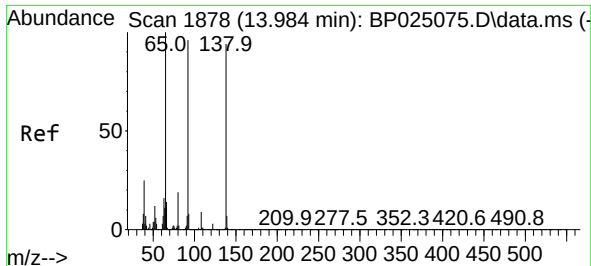


#52
 Acenaphthene
 Concen: 44.980 ng
 RT: 14.160 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: BP025189.D
 Acq: 18 Jul 2025 12:27

Tgt Ion:154 Resp: 2982380

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.6	136.0
152	53.5	43.8	65.8

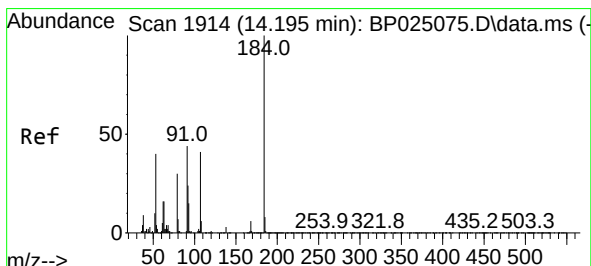
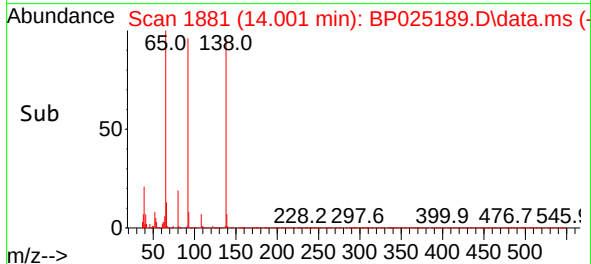
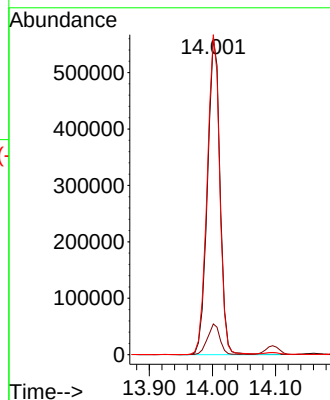
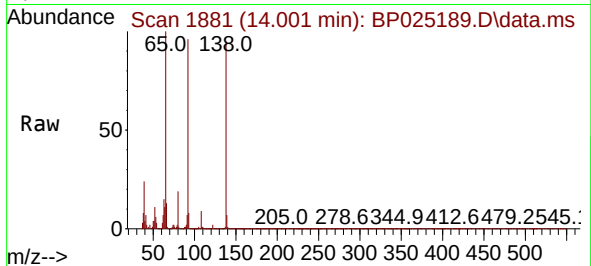




#53
3-Nitroaniline
Concen: 42.910 ng
RT: 14.001 min Scan# 1881
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

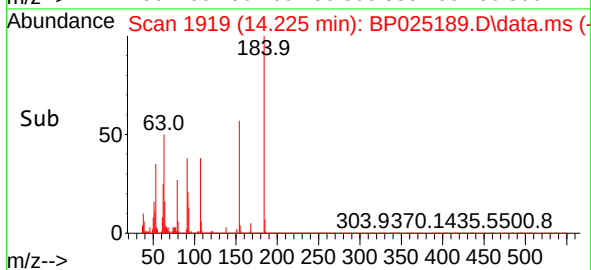
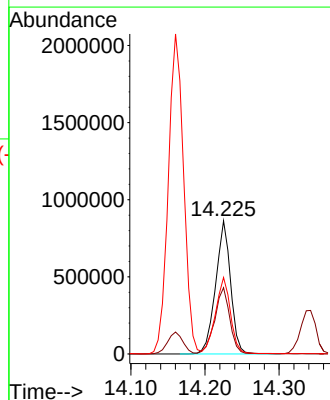
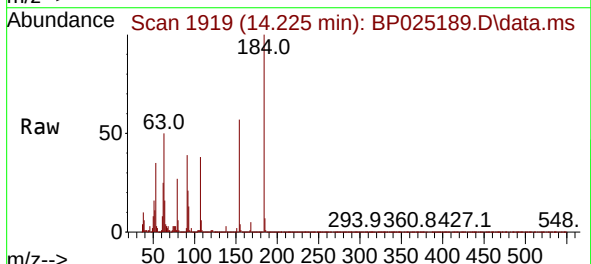
Instrument :
BNA_P
ClientSampleId :
PB168899BS

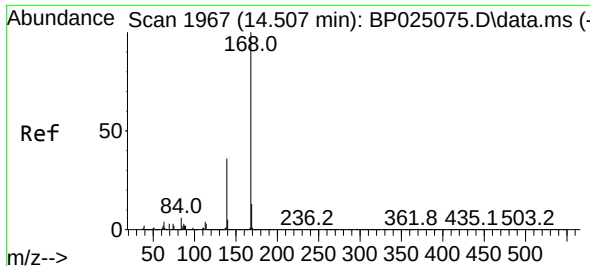
Tgt Ion:138 Resp: 771629
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.8
92 101.1 81.0 121.4



#54
2,4-Dinitrophenol
Concen: 143.397 ng
RT: 14.225 min Scan# 1919
Delta R.T. 0.030 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:184 Resp: 1213462
Ion Ratio Lower Upper
184 100
63 49.8 47.4 71.0
154 57.5 47.8 71.8

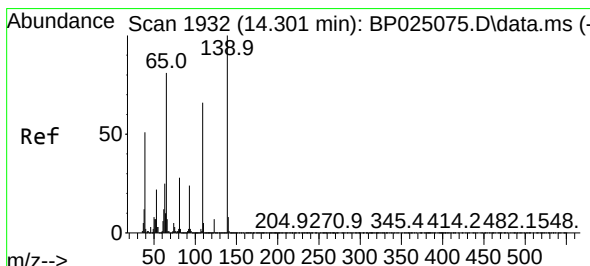
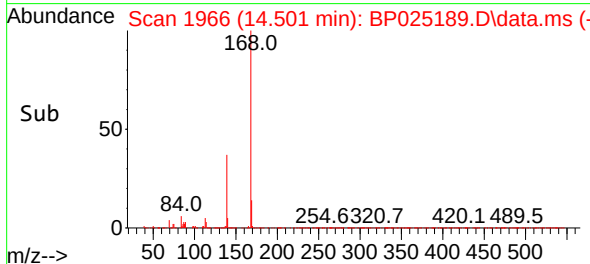
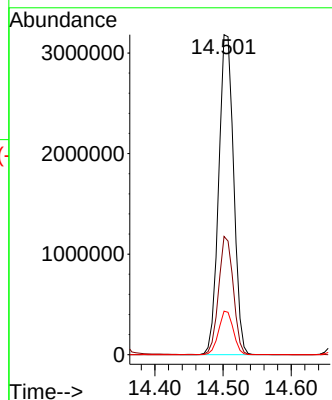
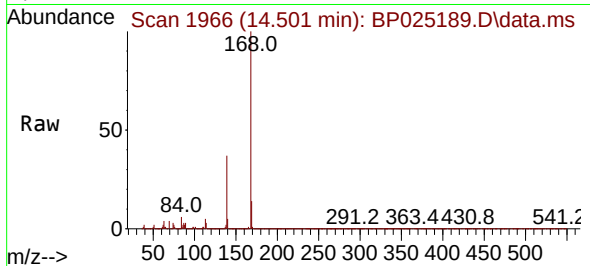




#55
Dibenzofuran
Concen: 44.276 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

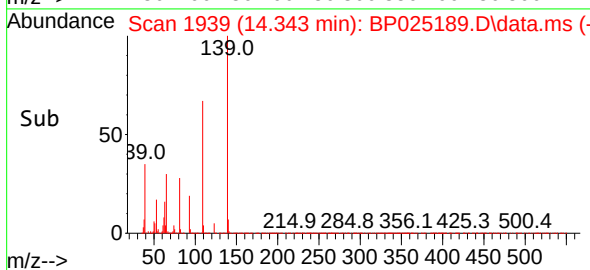
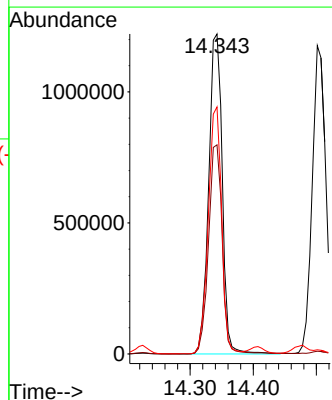
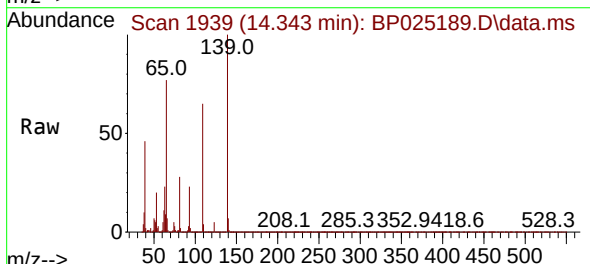
Instrument :
BNA_P
ClientSampleId :
PB168899BS

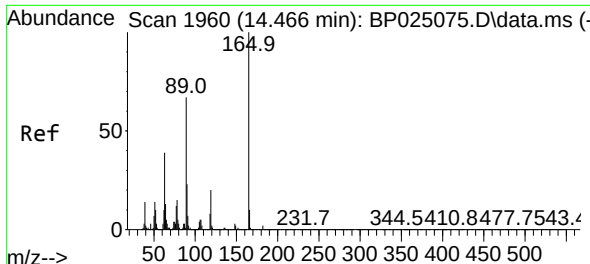
Tgt Ion:168 Resp: 4844864
Ion Ratio Lower Upper
168 100
139 37.0 28.6 43.0
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 109.881 ng
RT: 14.343 min Scan# 1939
Delta R.T. 0.041 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:139 Resp: 1823468
Ion Ratio Lower Upper
139 100
109 65.3 45.9 85.9
65 77.2 61.4 101.4

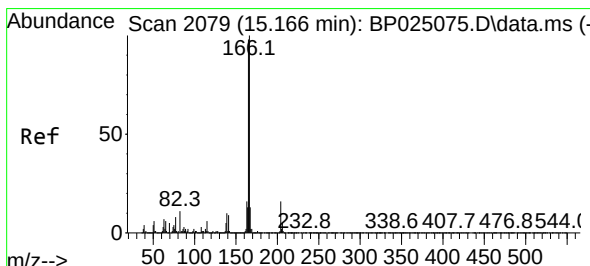
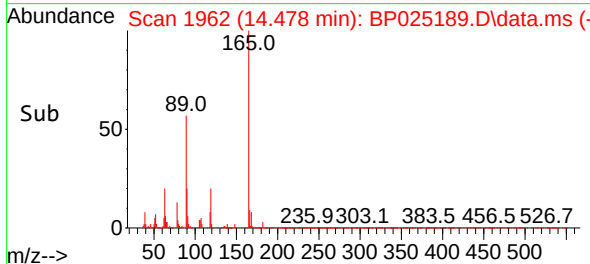
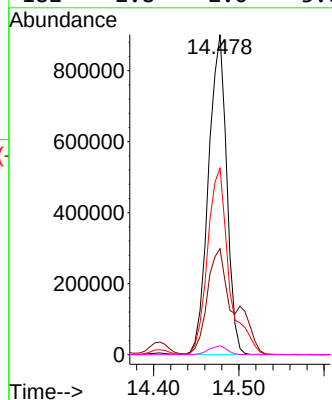
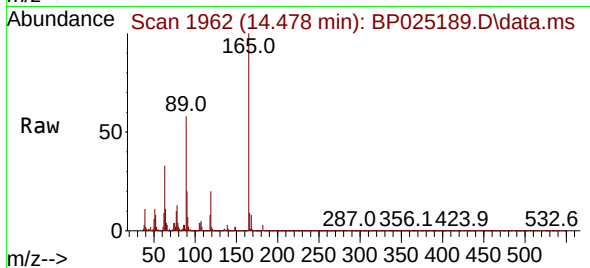




#57
2,4-Dinitrotoluene
Concen: 54.032 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

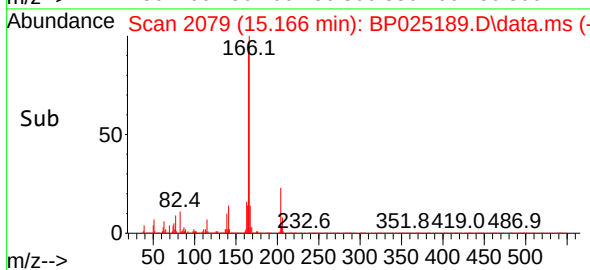
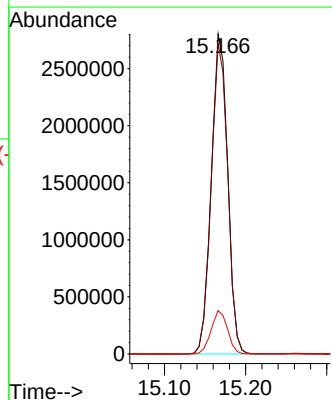
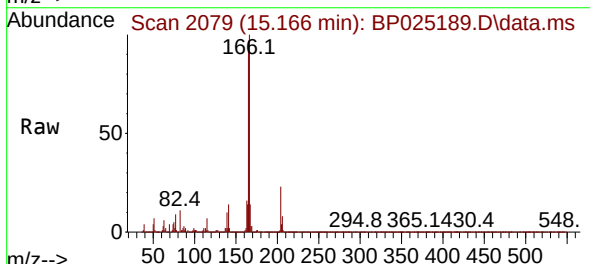
Instrument :
BNA_P
ClientSampleId :
PB168899BS

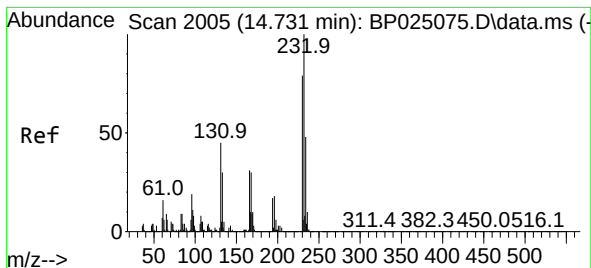
Tgt Ion:165 Resp: 1339247
Ion Ratio Lower Upper
165 100
63 33.1 31.0 46.4
89 58.3 53.4 80.0
182 2.8 2.0 3.0



#58
Fluorene
Concen: 46.479 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:166 Resp: 3933849
Ion Ratio Lower Upper
166 100
165 97.0 78.6 117.8
167 13.6 10.7 16.1

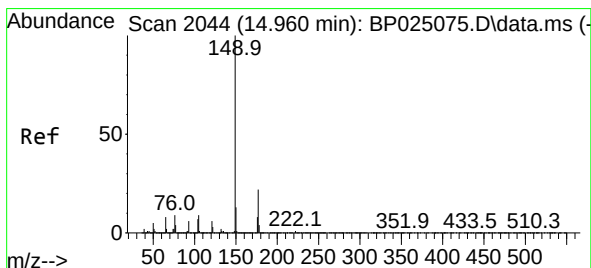
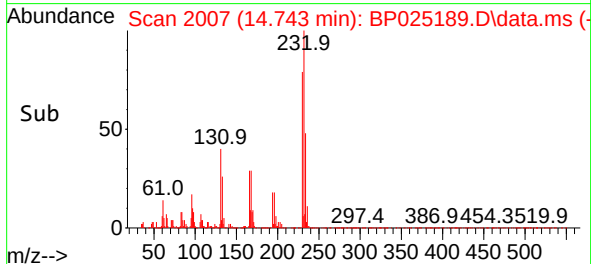
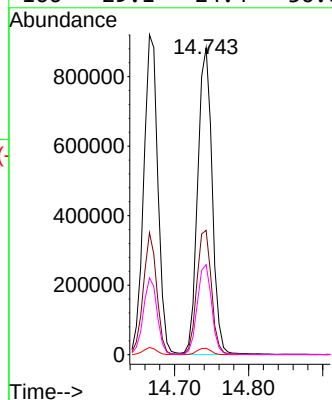
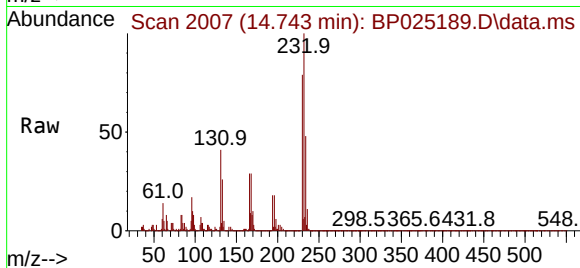




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.397 ng
RT: 14.743 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

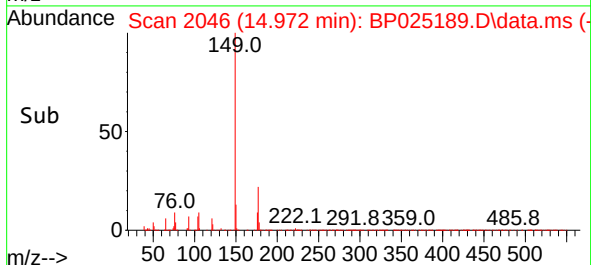
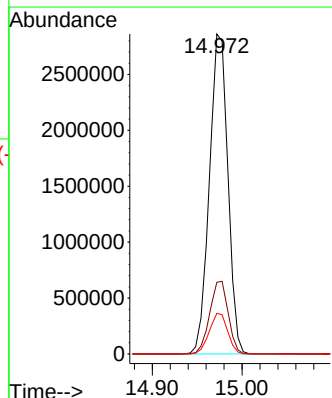
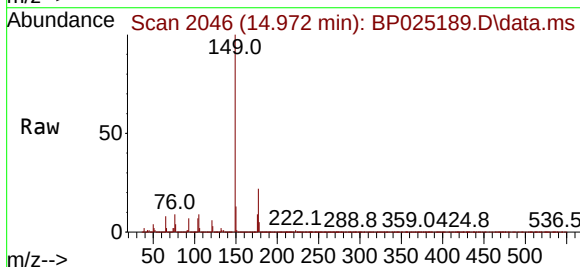
Instrument :
BNA_P
ClientSampleId :
PB168899BS

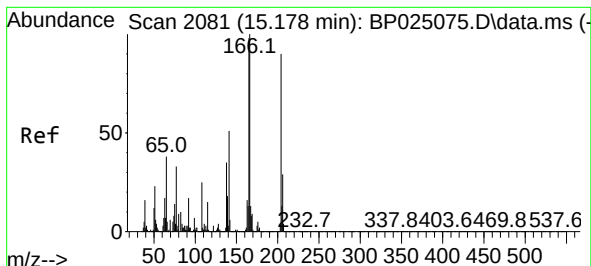
Tgt Ion:232 Resp: 1194074
Ion Ratio Lower Upper
232 100
131 41.1 35.7 53.5
130 2.1 1.8 2.6
166 29.1 24.4 36.6



#60
Diethylphthalate
Concen: 47.329 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:149 Resp: 4089806
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.7 10.2 15.2

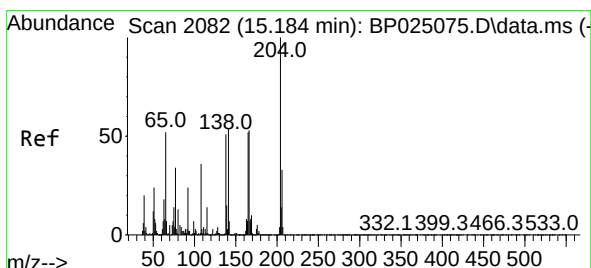
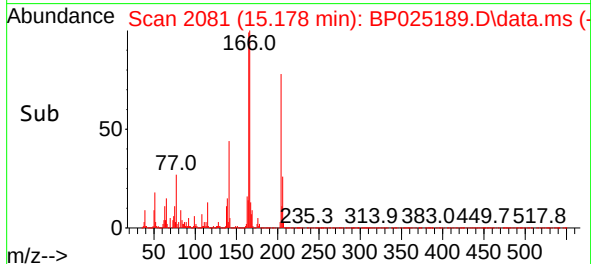
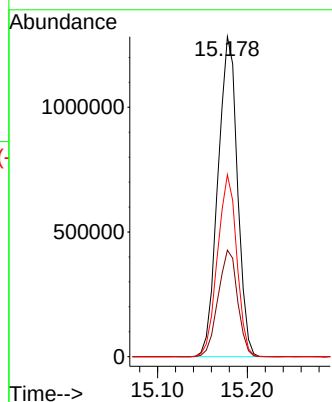
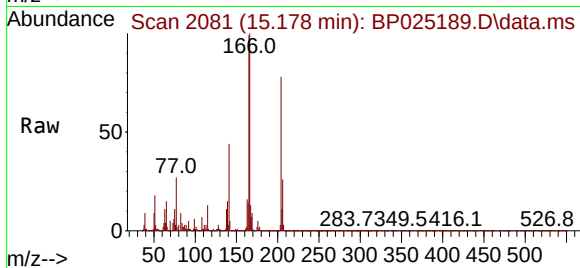




#61
4-Chlorophenyl-phenylether
Concen: 46.178 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

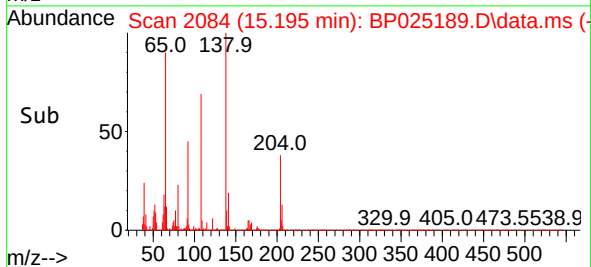
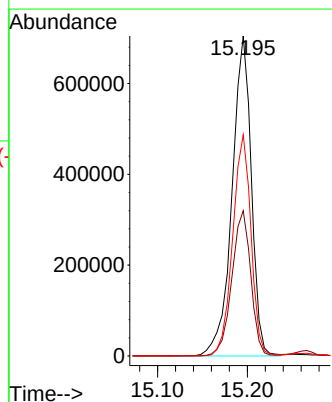
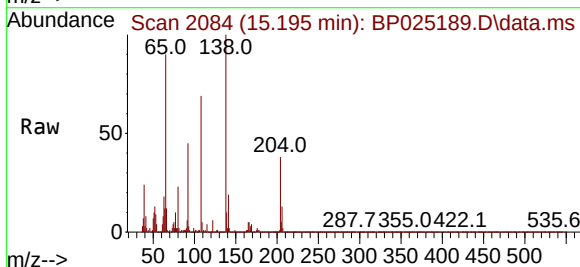
Instrument :
BNA_P
ClientSampleId :
PB168899BS

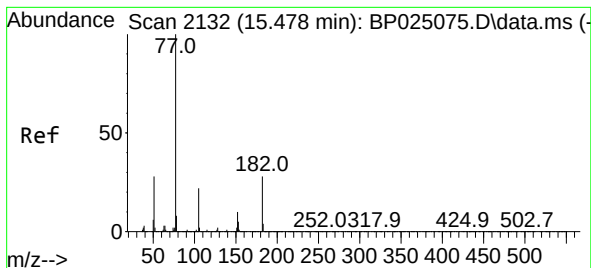
Tgt Ion:204 Resp: 1934199
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 56.9 45.1 67.7



#62
4-Nitroaniline
Concen: 55.749 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:138 Resp: 1051207
Ion Ratio Lower Upper
138 100
92 45.4 26.0 66.0
108 69.1 50.0 90.0

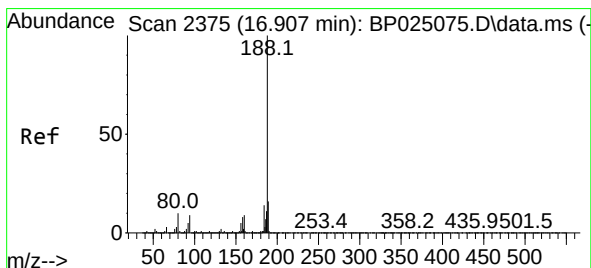
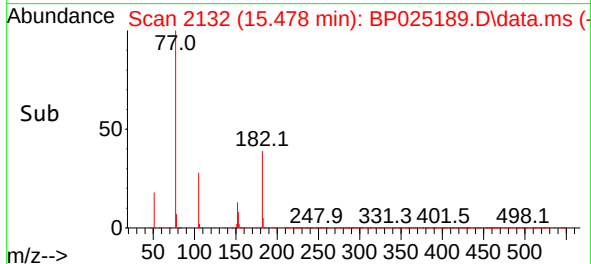
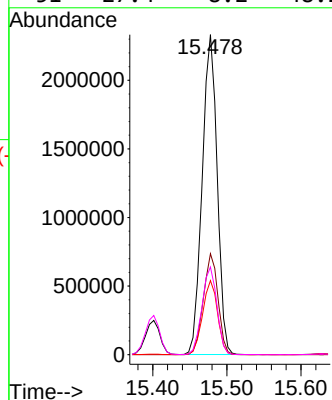
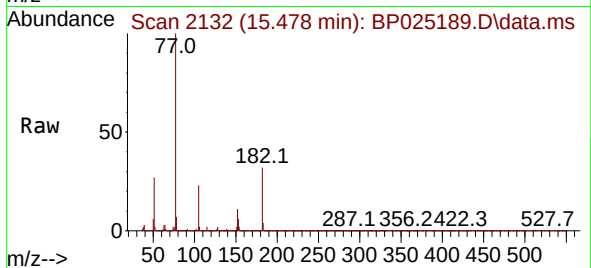




#63
Azobenzene
Concen: 42.554 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

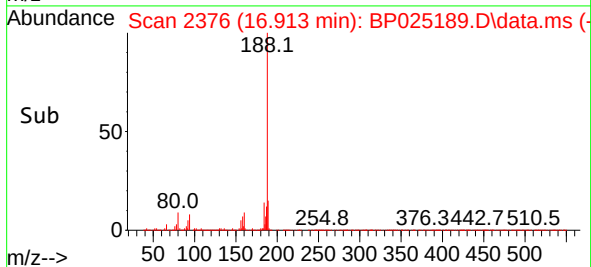
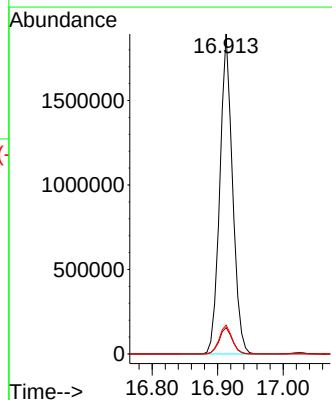
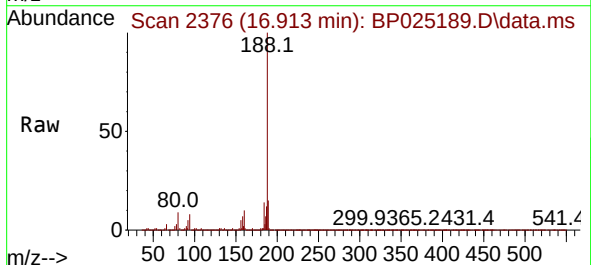
Instrument :
BNA_P
ClientSampleId :
PB168899BS

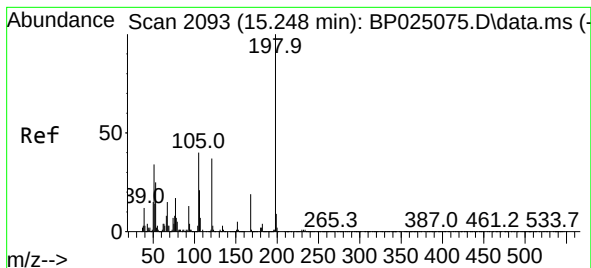
Tgt Ion: 77 Resp: 3274455
Ion Ratio Lower Upper
77 100
182 31.5 7.7 47.7
105 23.2 1.9 41.9
51 27.4 8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 188 Resp: 2534523
Ion Ratio Lower Upper
188 100
94 8.3 7.3 10.9
80 9.0 7.8 11.6

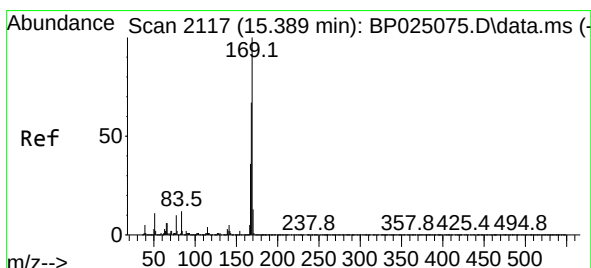
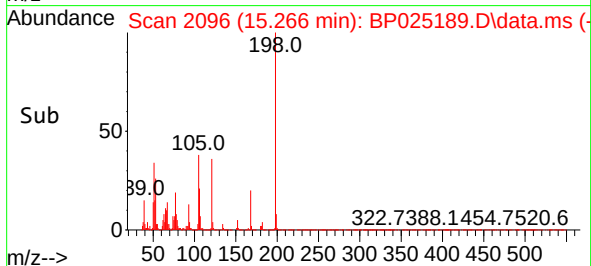
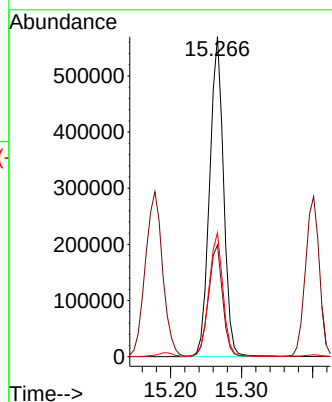
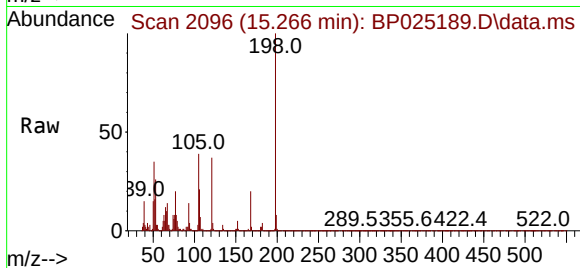




#65
4,6-Dinitro-2-methylphenol
Concen: 65.268 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

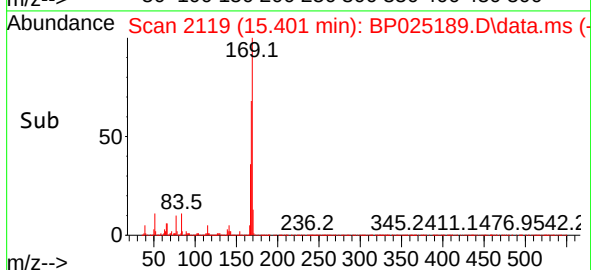
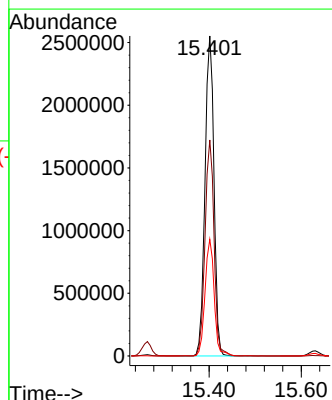
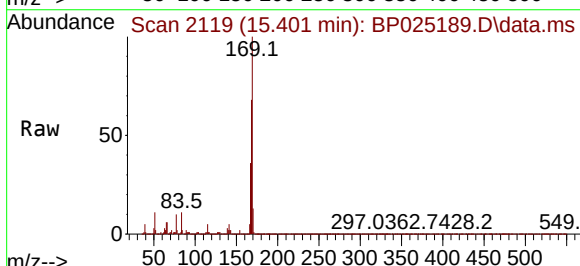
Instrument :
BNA_P
ClientSampleId :
PB168899BS

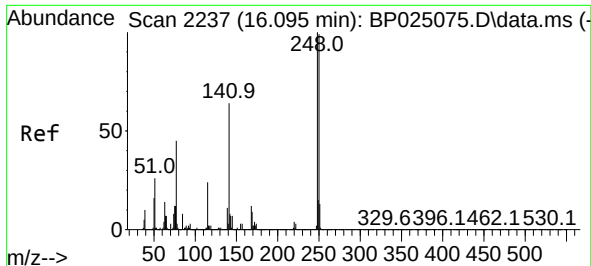
Tgt Ion:198 Resp: 778974
Ion Ratio Lower Upper
198 100
51 34.9 16.8 56.8
105 38.8 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 47.897 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:169 Resp: 3474178
Ion Ratio Lower Upper
169 100
168 67.5 54.1 81.1
167 36.5 29.0 43.6

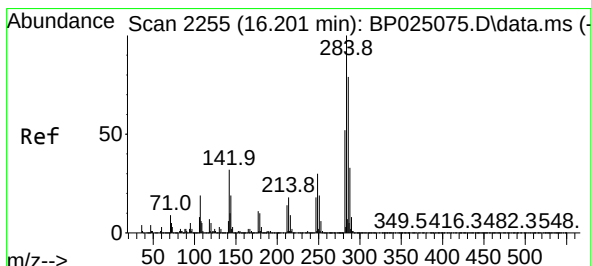
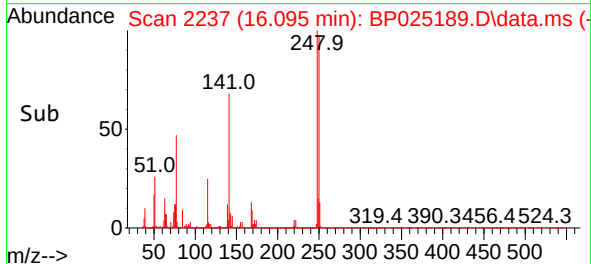
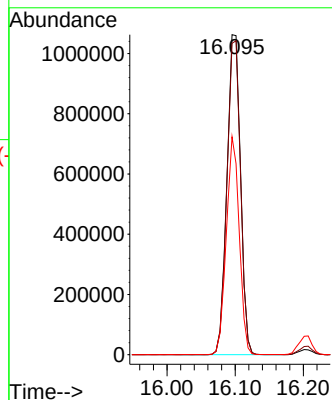
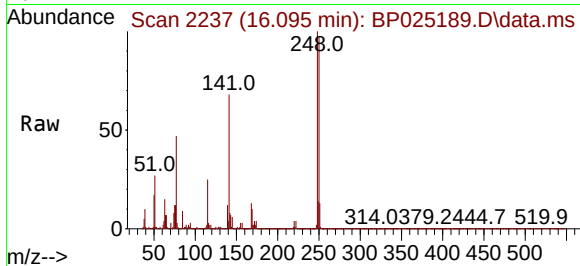




#67
4-Bromophenyl-phenylether
Concen: 56.843 ng
RT: 16.095 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

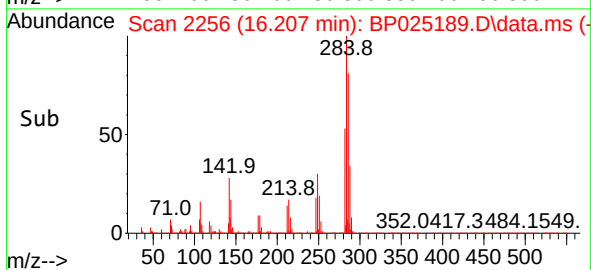
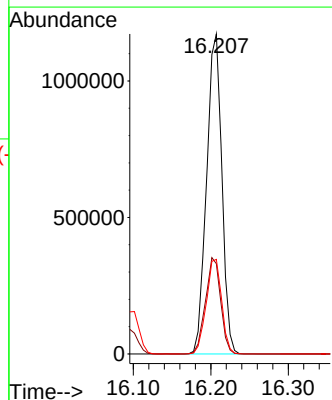
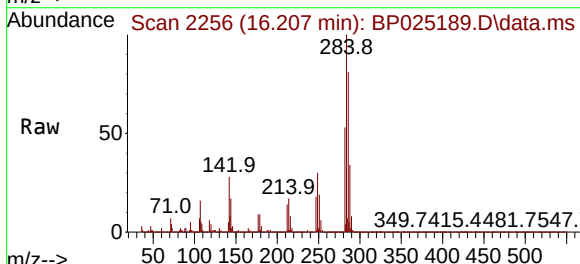
Instrument :
BNA_P
ClientSampleId :
PB168899BS

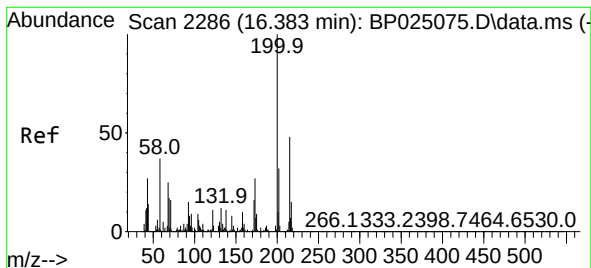
Tgt Ion:248 Resp: 1475117
Ion Ratio Lower Upper
248 100
250 97.3 79.4 119.2
141 68.1 51.4 77.0



#68
Hexachlorobenzene
Concen: 50.493 ng
RT: 16.207 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:284 Resp: 1601583
Ion Ratio Lower Upper
284 100
142 28.2 25.9 38.9
249 29.6 23.8 35.8





#69

Atrazine

Concen: 63.220 ng

RT: 16.401 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

Instrument :

BNA_P

ClientSampleId :

PB168899BS

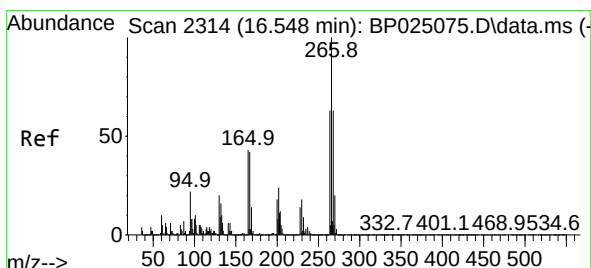
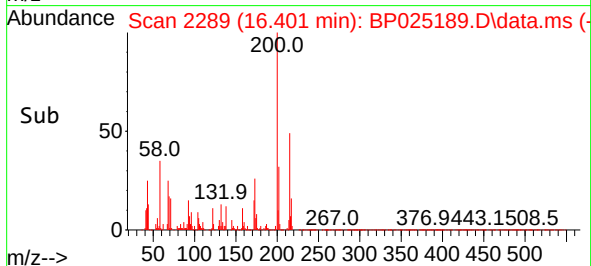
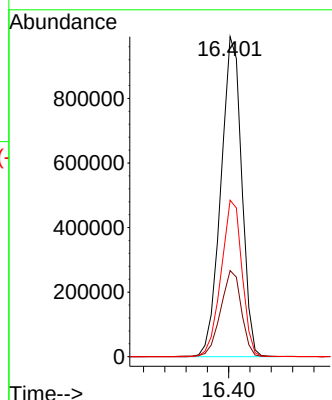
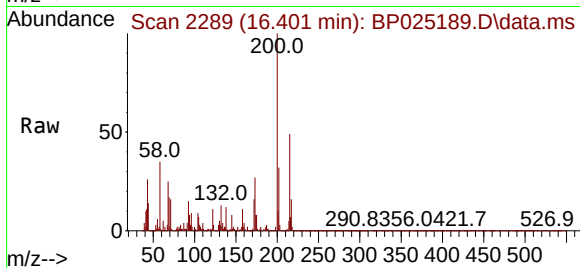
Tgt Ion:200 Resp: 1343740

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

215 48.9 28.0 68.0



#70

Pentachlorophenol

Concen: 106.531 ng

RT: 16.566 min Scan# 2317

Delta R.T. 0.018 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

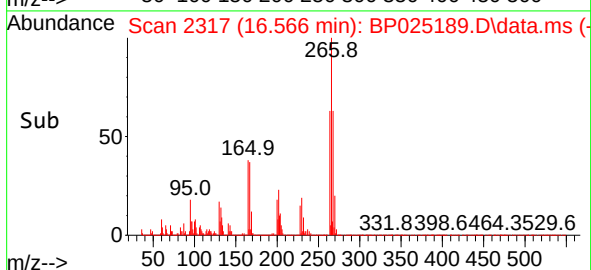
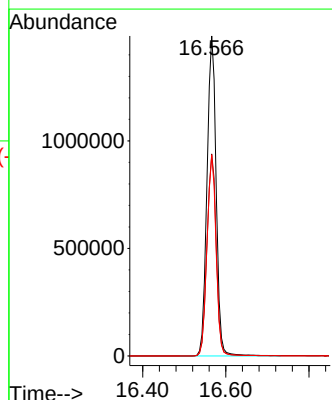
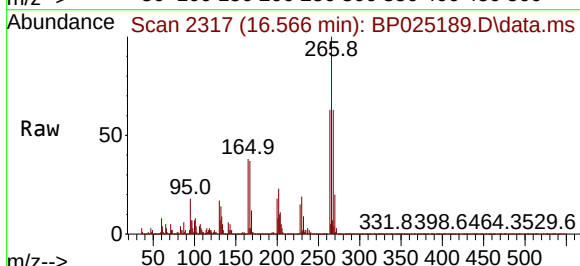
Tgt Ion:266 Resp: 2282063

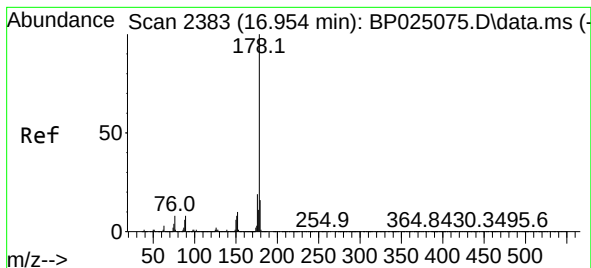
Ion Ratio Lower Upper

266 100

268 63.1 50.4 75.6

264 62.7 50.2 75.2





#71

Phenanthrene

Concen: 46.640 ng

RT: 16.960 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

Instrument :

BNA_P

ClientSampleId :

PB168899BS

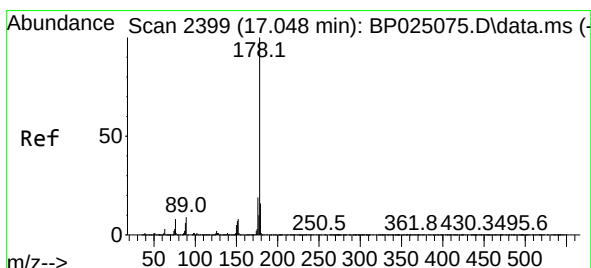
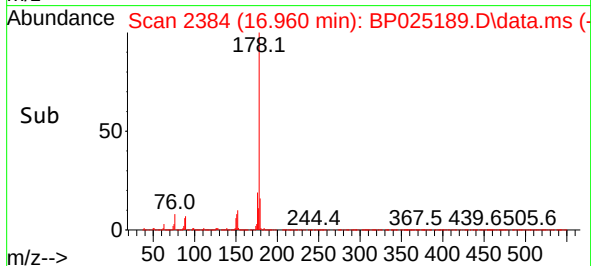
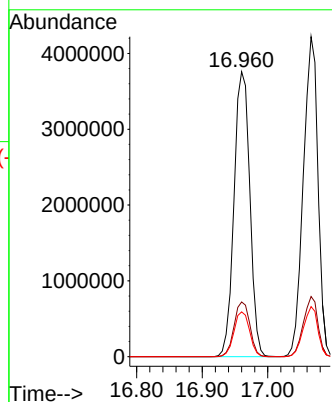
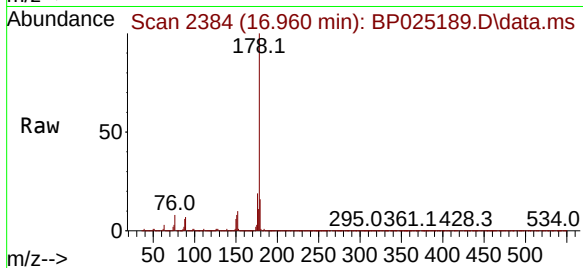
Tgt Ion:178 Resp: 6316451

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.7 12.6 19.0



#72

Anthracene

Concen: 50.289 ng

RT: 17.066 min Scan# 2402

Delta R.T. 0.018 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

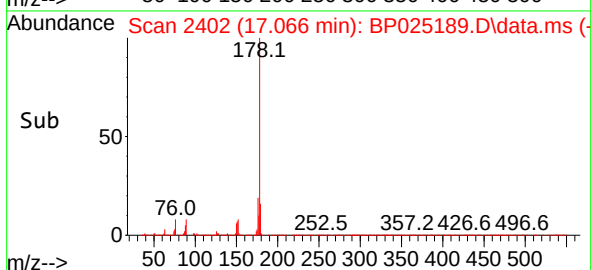
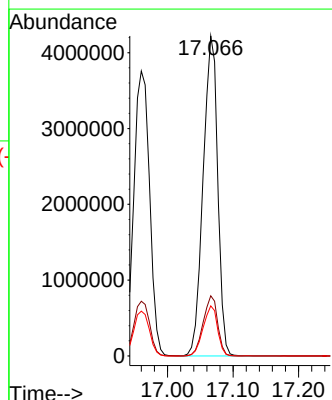
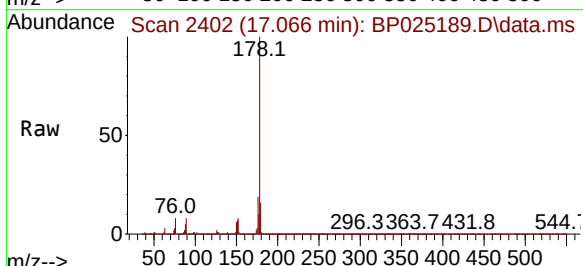
Tgt Ion:178 Resp: 6533892

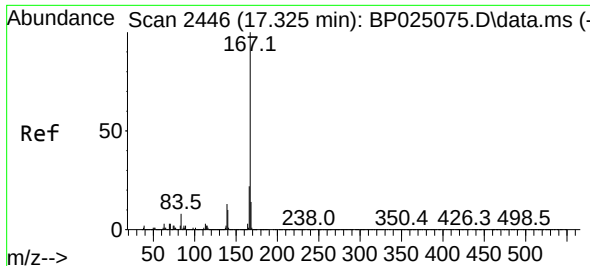
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.7 12.5 18.7

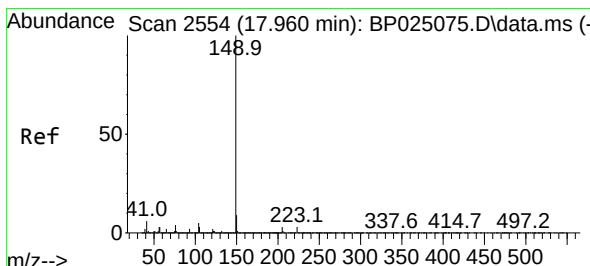
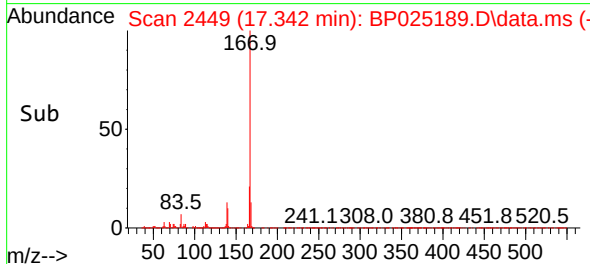
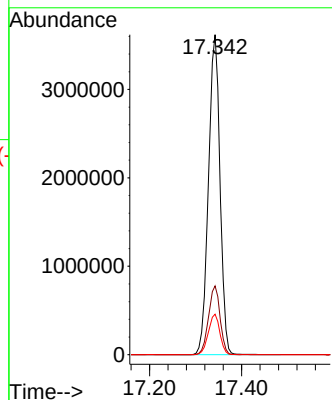
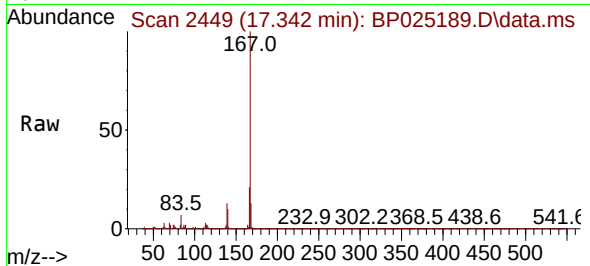




#73
Carbazole
Concen: 49.734 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

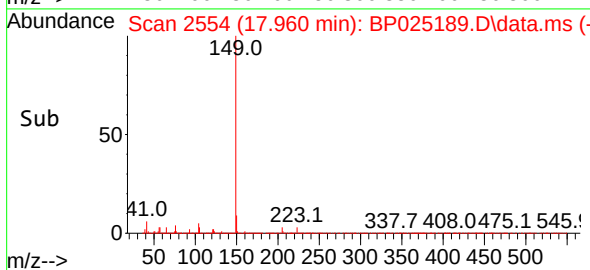
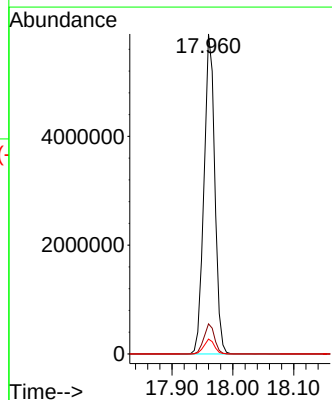
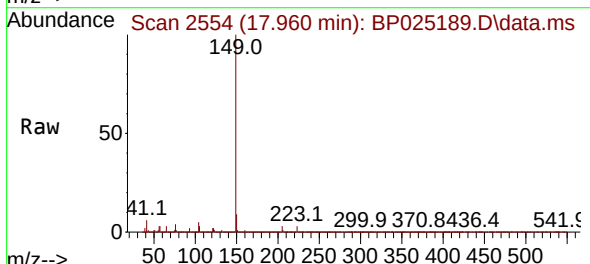
Instrument :
BNA_P
ClientSampleId :
PB168899BS

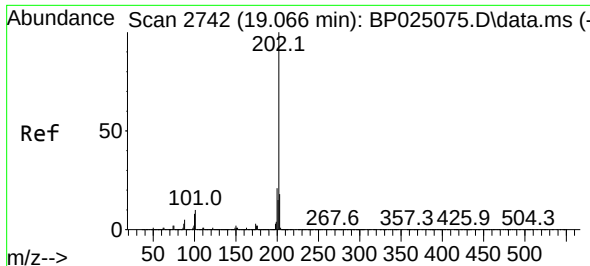
Tgt Ion:167 Resp: 6318022
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.0
139 12.6 10.4 15.6



#74
Di-n-butylphthalate
Concen: 51.207 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:149 Resp: 7244069
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.7 3.8 5.6

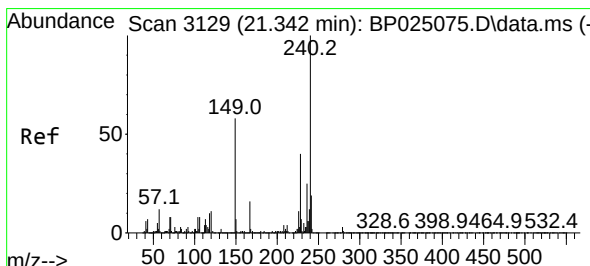
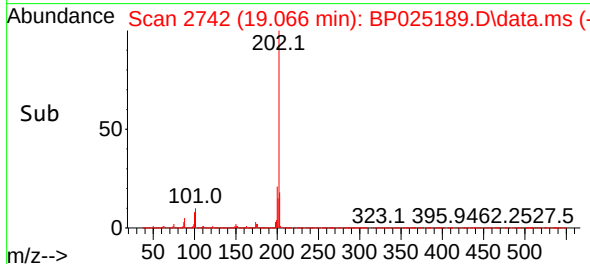
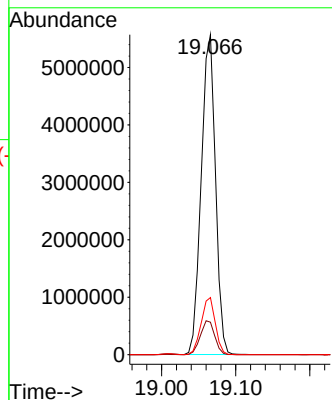
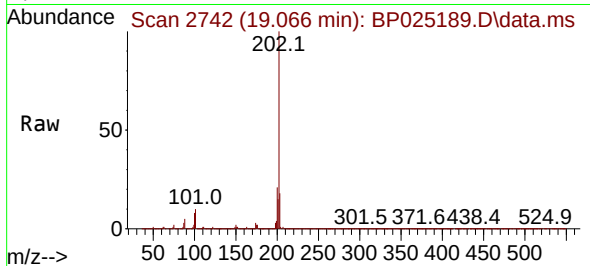




#75
Fluoranthene
Concen: 46.956 ng
RT: 19.066 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

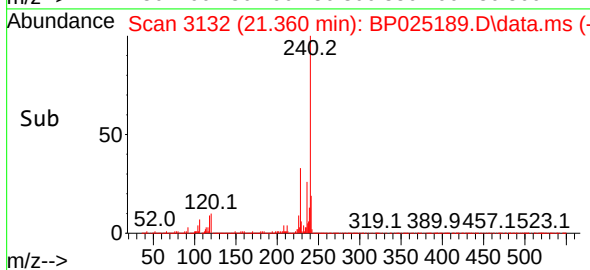
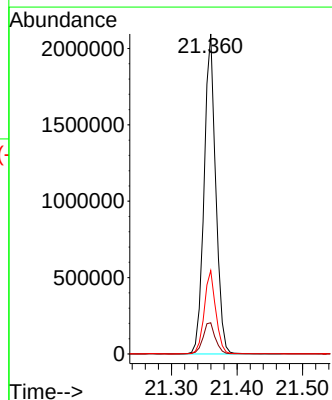
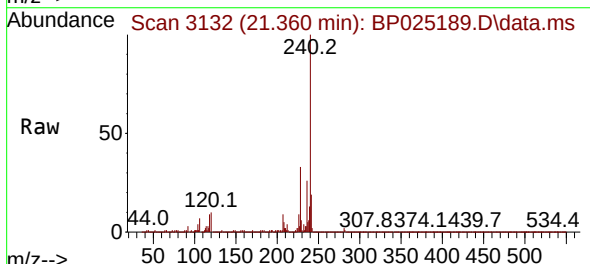
Instrument :
BNA_P
ClientSampleId :
PB168899BS

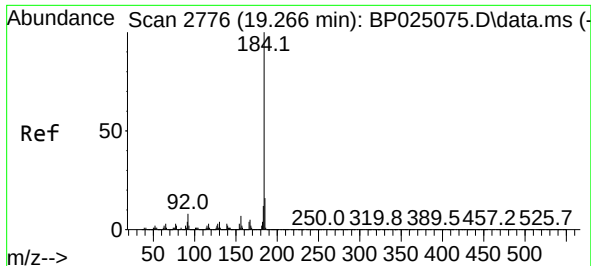
Tgt Ion:202 Resp: 7433319
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.4
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.360 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:240 Resp: 2585000
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.0 20.3 30.5

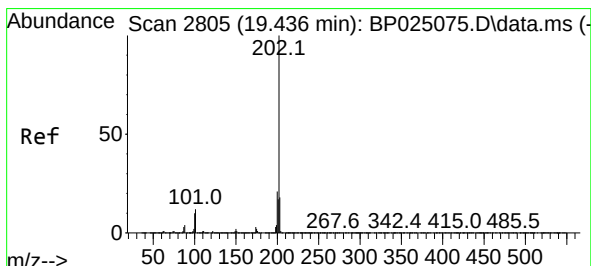
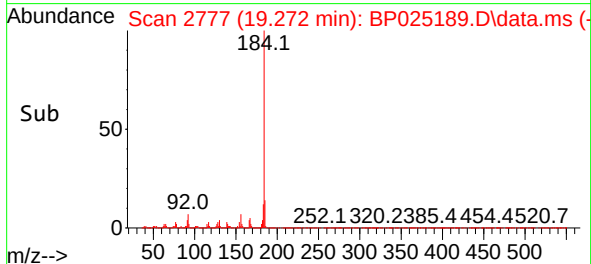
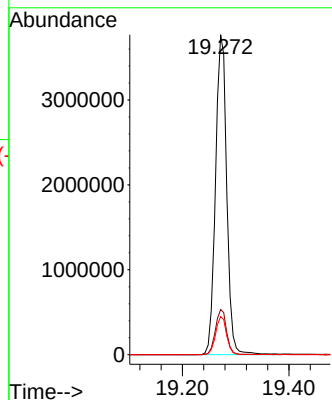
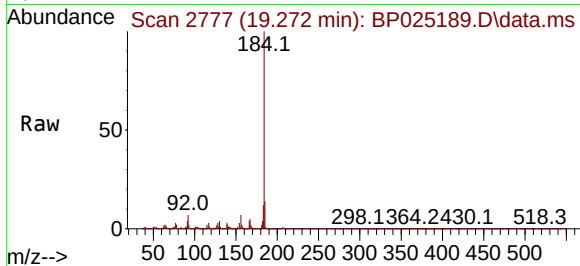




#77
Benzidine
Concen: 120.351 ng
RT: 19.272 min Scan# 2777
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

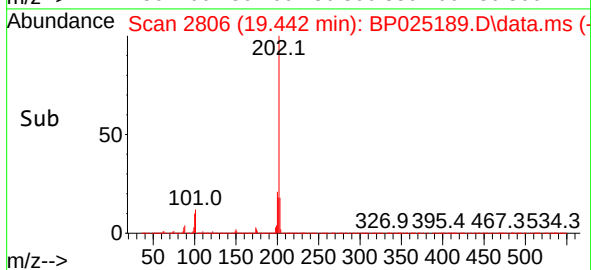
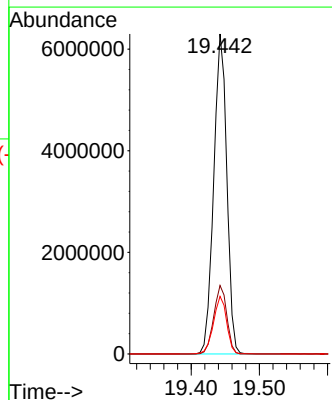
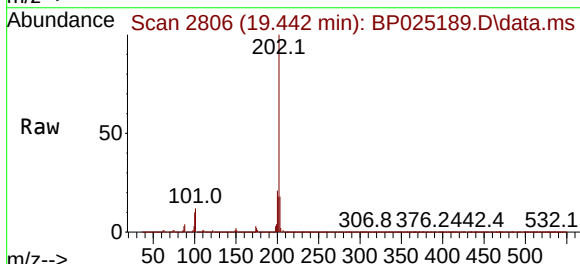
Instrument :
BNA_P
ClientSampleId :
PB168899BS

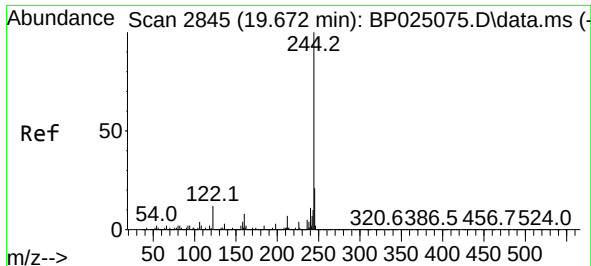
Tgt Ion:184 Resp: 5494580
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 11.9 9.4 14.2



#78
Pyrene
Concen: 52.503 ng
RT: 19.442 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:202 Resp: 8406284
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.0 14.1 21.1

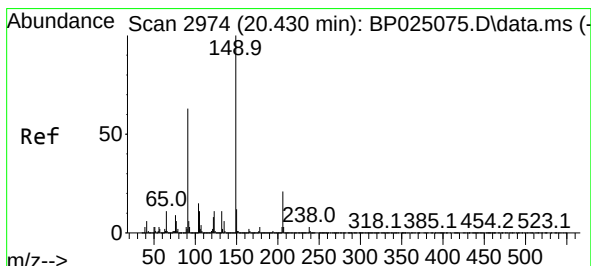
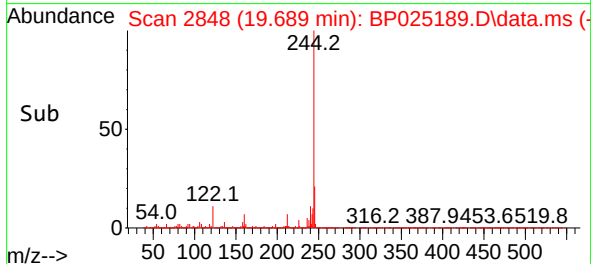
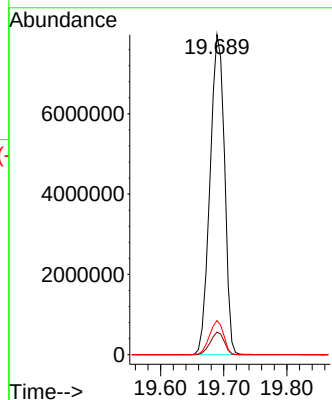
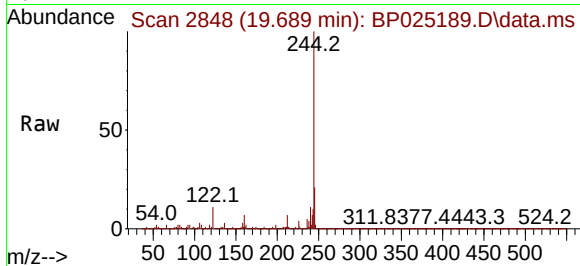




#79
 Terphenyl-d14
 Concen: 108.015 ng
 RT: 19.689 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BP025189.D
 Acq: 18 Jul 2025 12:27

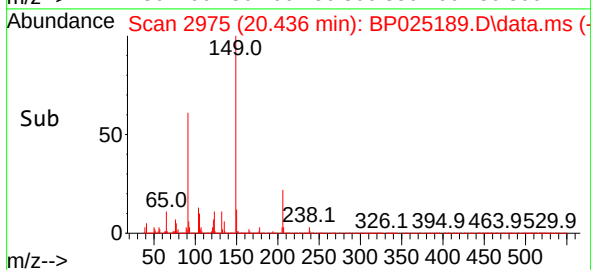
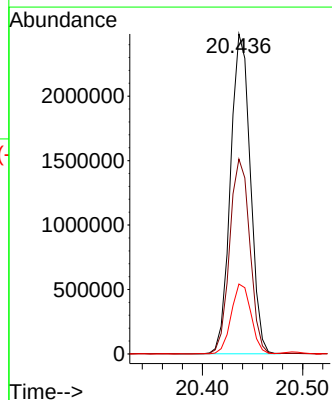
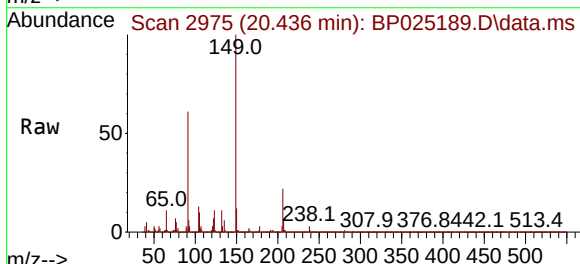
Instrument :
 BNA_P
 ClientSampleId :
 PB168899BS

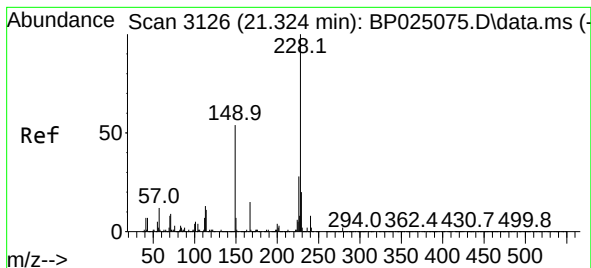
Tgt Ion:244 Resp:12704521
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.7 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 54.630 ng
 RT: 20.436 min Scan# 2975
 Delta R.T. 0.006 min
 Lab File: BP025189.D
 Acq: 18 Jul 2025 12:27

Tgt Ion:149 Resp: 3403927
 Ion Ratio Lower Upper
 149 100
 91 60.9 50.6 76.0
 206 21.9 17.2 25.8





#81

Benzo(a)anthracene

Concen: 48.107 ng

RT: 21.342 min Scan# 3126

Delta R.T. 0.018 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

Instrument :

BNA_P

ClientSampleId :

PB168899BS

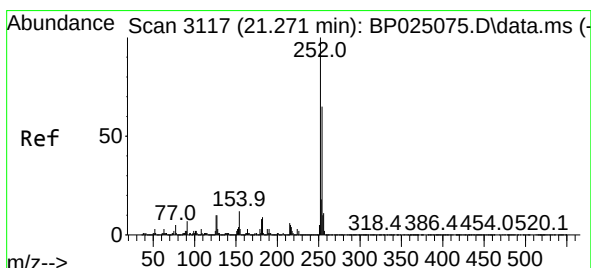
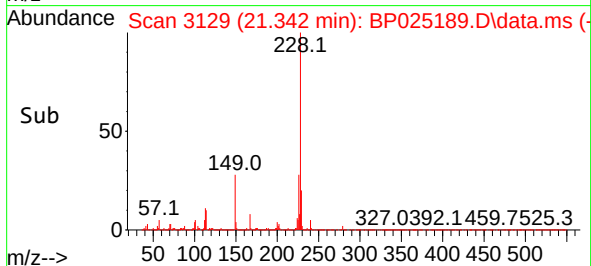
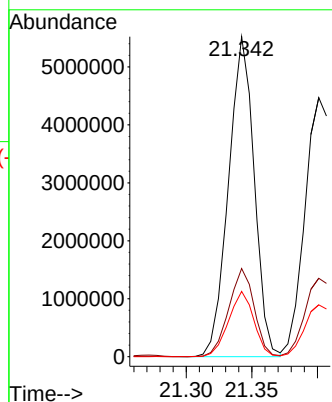
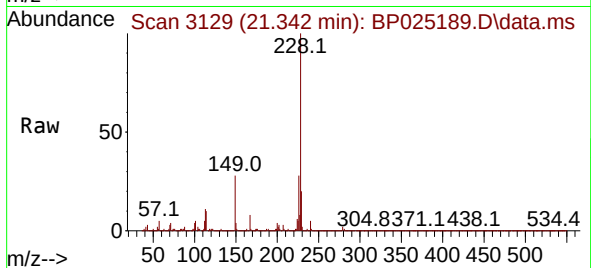
Tgt Ion:228 Resp: 7536169

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 20.4 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 50.263 ng

RT: 21.272 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

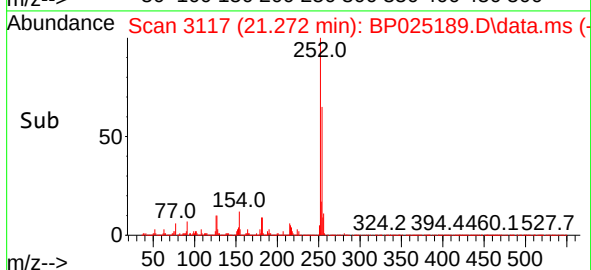
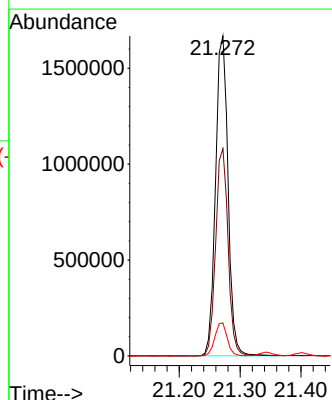
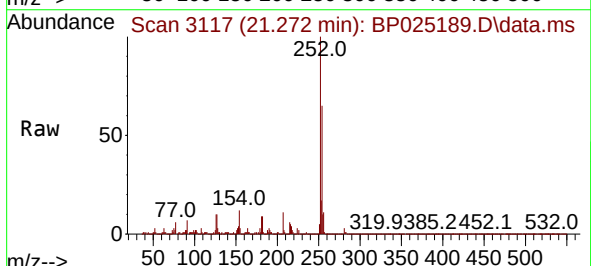
Tgt Ion:252 Resp: 2370336

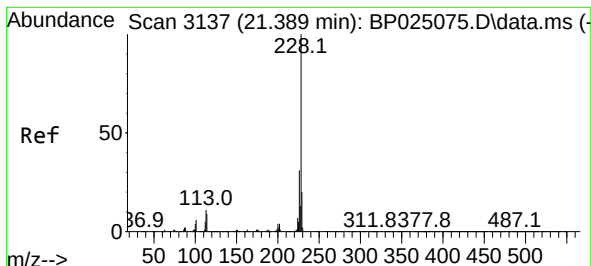
Ion Ratio Lower Upper

252 100

254 64.8 51.9 77.9

126 10.3 8.1 12.1





#83

Chrysene

Concen: 47.051 ng

RT: 21.401 min Scan# 3139

Delta R.T. 0.012 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

Instrument :

BNA_P

ClientSampleId :

PB168899BS

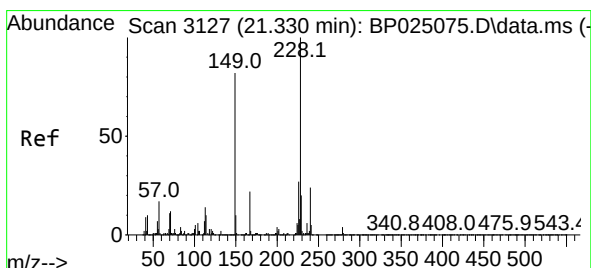
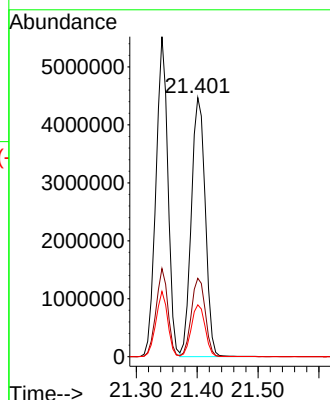
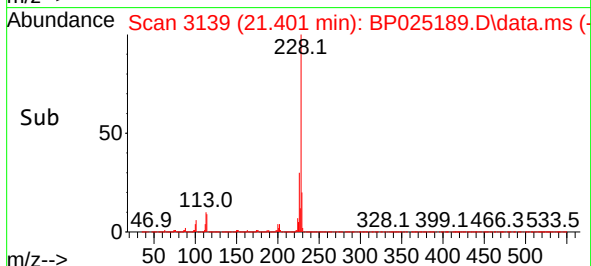
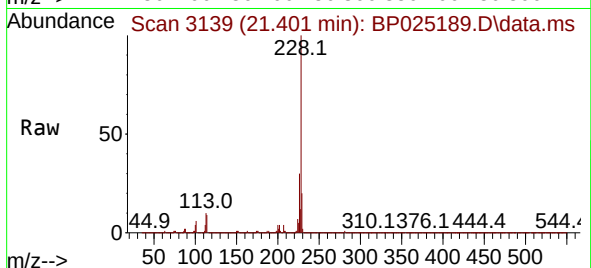
Tgt Ion:228 Resp: 7093180

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.923 ng

RT: 21.330 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

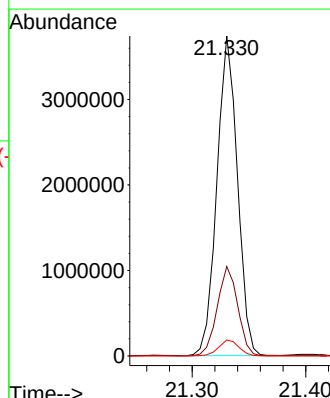
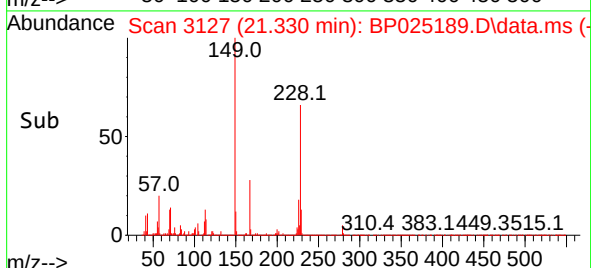
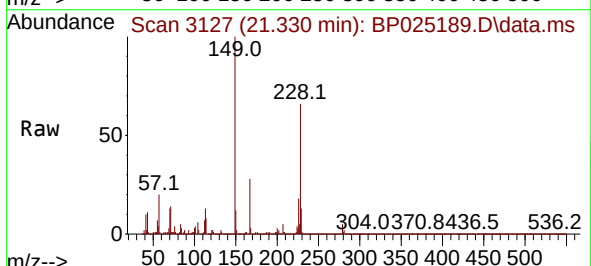
Tgt Ion:149 Resp: 4699067

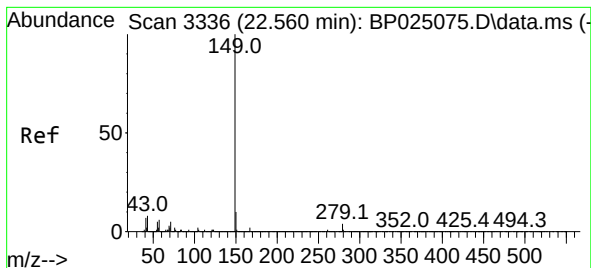
Ion Ratio Lower Upper

149 100

167 28.0 21.9 32.9

279 5.0 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 52.450 ng

RT: 22.548 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

Instrument :

BNA_P

ClientSampleId :

PB168899BS

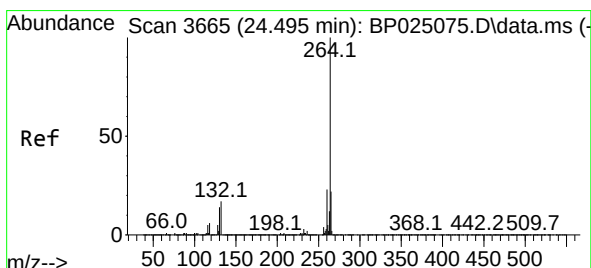
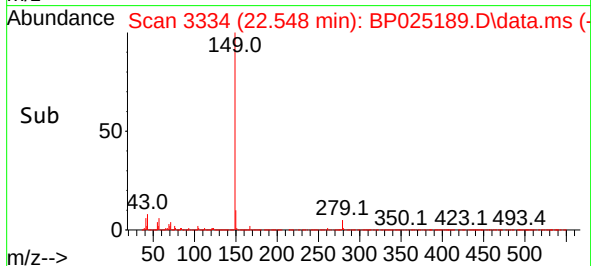
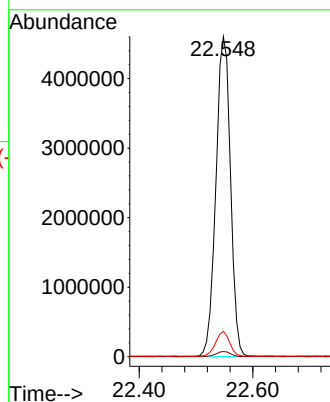
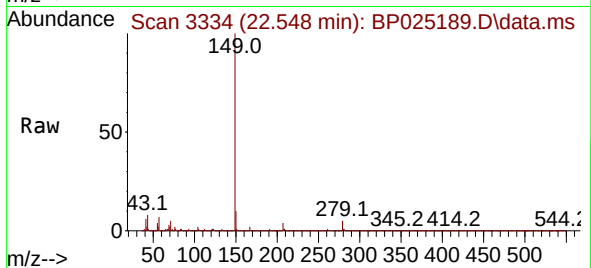
Tgt Ion:149 Resp: 8181071

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.4 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.513 min Scan# 3668

Delta R.T. 0.018 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

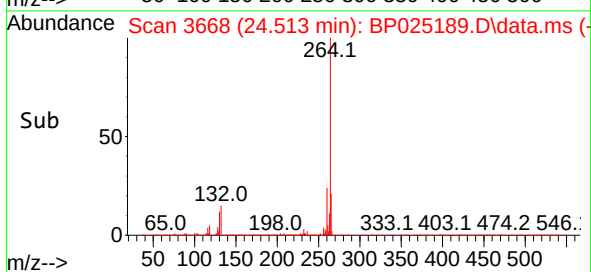
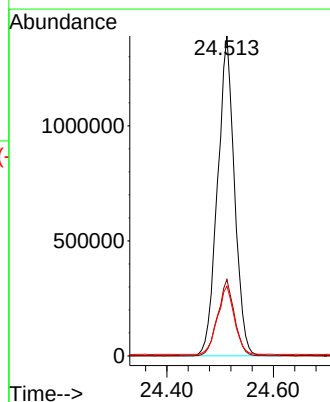
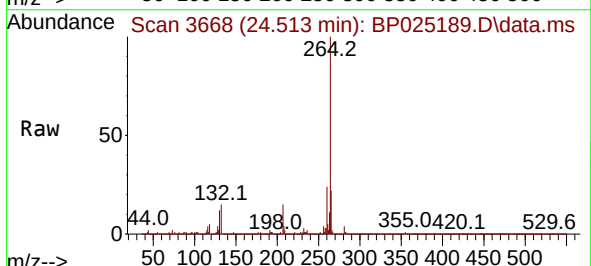
Tgt Ion:264 Resp: 3067180

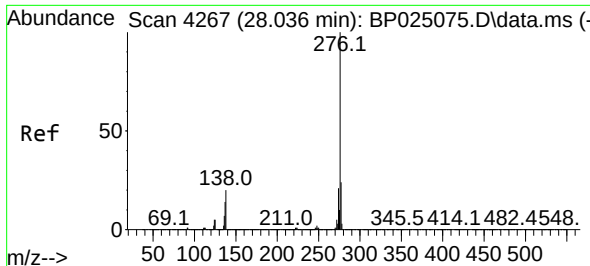
Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.8 17.7 26.5

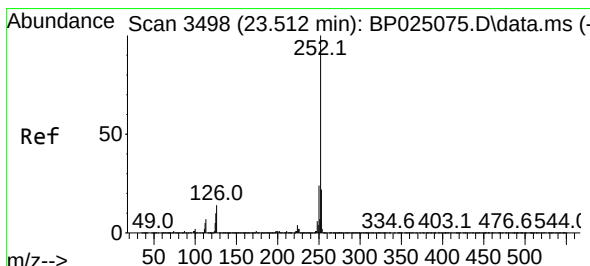
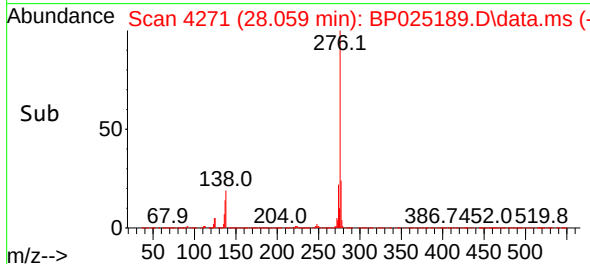
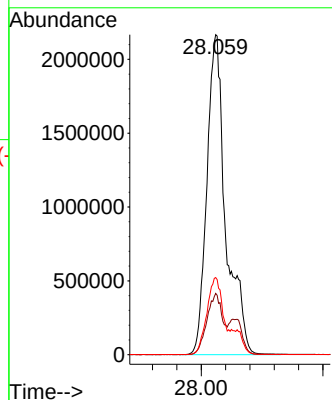
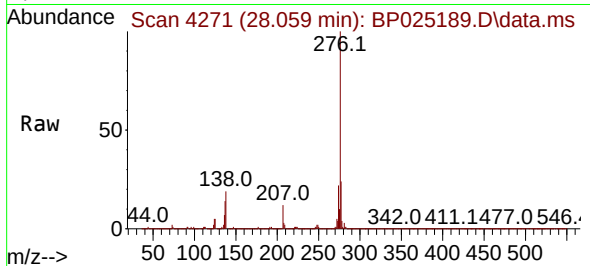




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 59.740 ng
 RT: 28.059 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: BP025189.D
 Acq: 18 Jul 2025 12:27

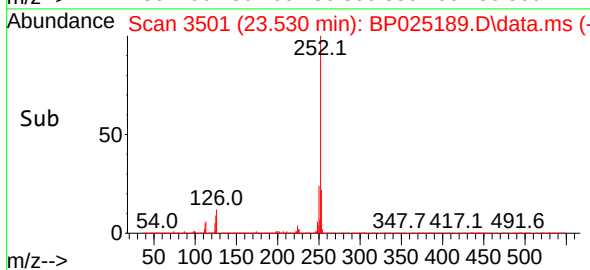
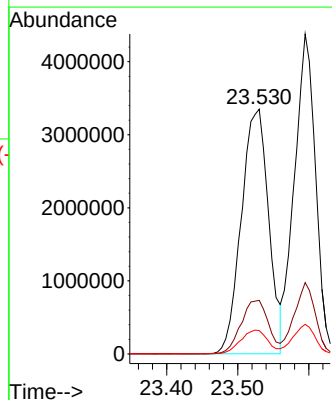
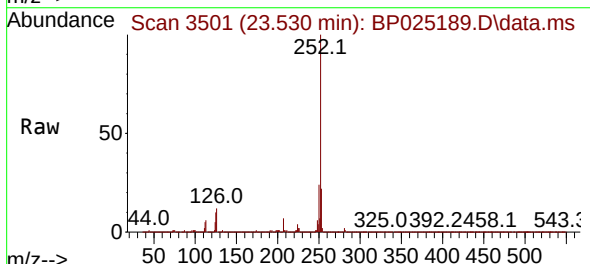
Instrument :
 BNA_P
 ClientSampleId :
 PB168899BS

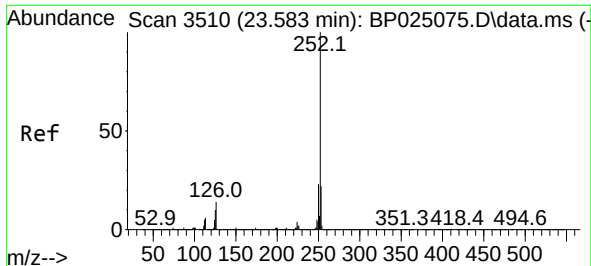
Tgt Ion:276 Resp:11673091
 Ion Ratio Lower Upper
 276 100
 138 16.0 13.0 19.6
 277 20.7 15.9 23.9



#88
 Benzo(b)fluoranthene
 Concen: 50.290 ng
 RT: 23.530 min Scan# 3501
 Delta R.T. 0.018 min
 Lab File: BP025189.D
 Acq: 18 Jul 2025 12:27

Tgt Ion:252 Resp: 8978069
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 9.5 8.1 12.1

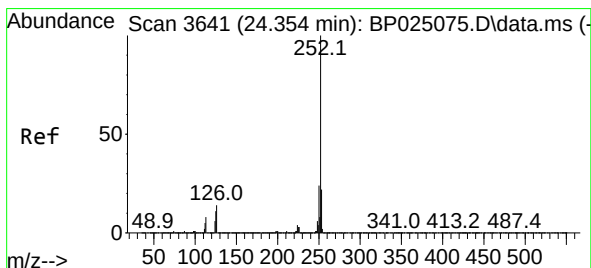
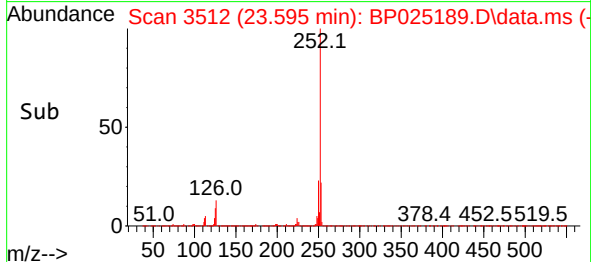
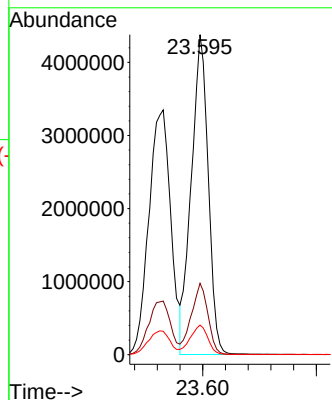
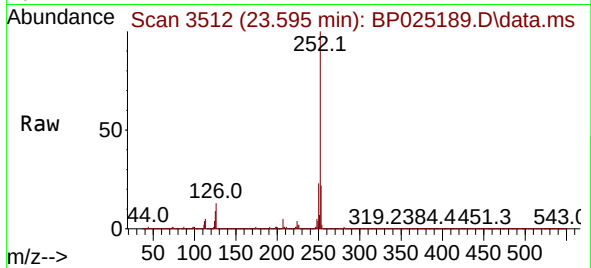




#89
Benzo(k)fluoranthene
Concen: 51.037 ng
RT: 23.595 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

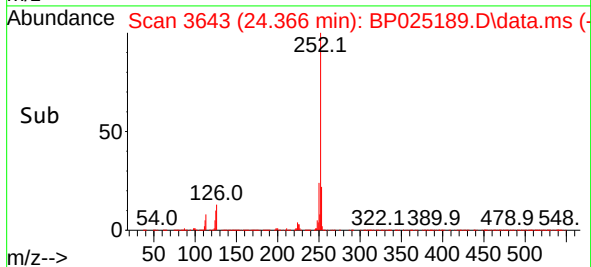
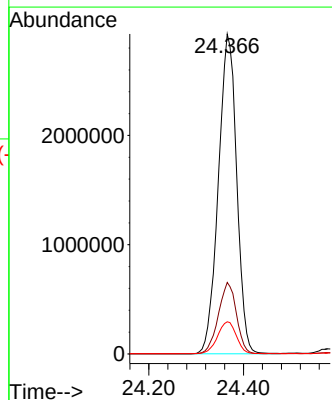
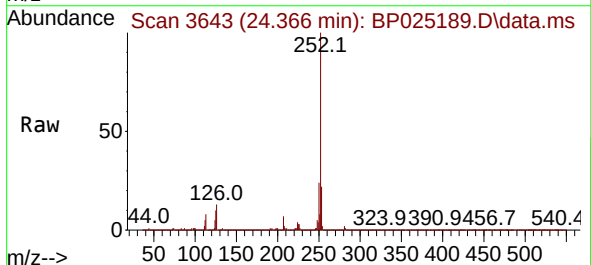
Instrument :
BNA_P
ClientSampleId :
PB168899BS

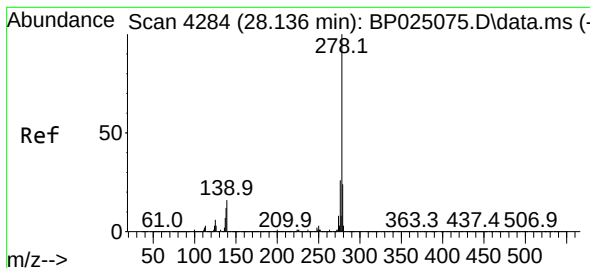
Tgt Ion:252 Resp: 9065891
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.3 8.2 12.2



#90
Benzo(a)pyrene
Concen: 51.753 ng
RT: 24.366 min Scan# 3643
Delta R.T. 0.012 min
Lab File: BP025189.D
Acq: 18 Jul 2025 12:27

Tgt Ion:252 Resp: 7863529
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 58.956 ng

RT: 28.148 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

Instrument :

BNA_P

ClientSampleId :

PB168899BS

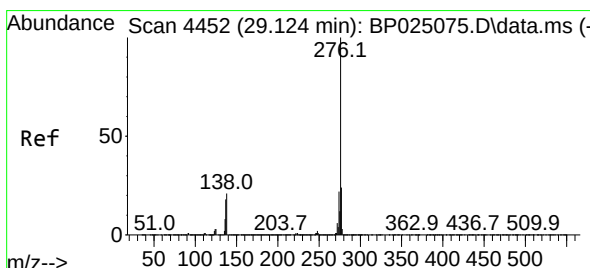
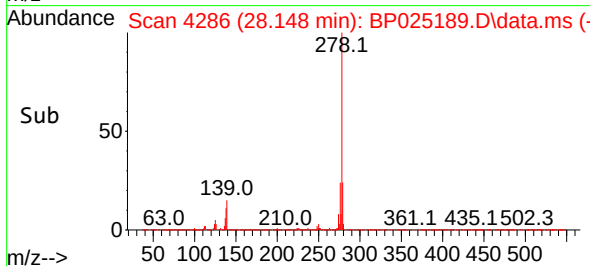
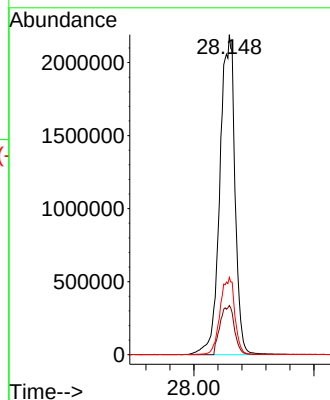
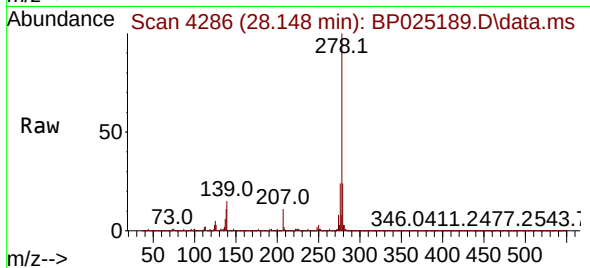
Tgt Ion:278 Resp: 9522226

Ion Ratio Lower Upper

278 100

139 15.4 13.1 19.7

279 24.1 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 56.835 ng

RT: 29.148 min Scan# 4456

Delta R.T. 0.024 min

Lab File: BP025189.D

Acq: 18 Jul 2025 12:27

Tgt Ion:276 Resp: 9482835

Ion Ratio Lower Upper

276 100

277 24.3 19.3 28.9

138 21.3 16.9 25.3

