

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
 Data File : BP025860.D
 Acq On : 25 Sep 2025 15:24
 Operator : CG/JU
 Sample : PB169801BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169801BS

Quant Time: Sep 25 15:52:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	172473	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	675663	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	442688	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	910623	20.000	ng	0.00
76) Chrysene-d12	21.630	240	975077	20.000	ng	-0.01
86) Perylene-d12	24.989	264	1058529	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1258864	117.771	ng	0.00
7) Phenol-d6	6.955	99	1574632	110.829	ng	0.00
23) Nitrobenzene-d5	8.896	82	1002747	65.465	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	733473	132.836	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	2384822	71.730	ng	0.00
79) Terphenyl-d14	19.907	244	3993633	73.681	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	136267	30.374	ng	93
3) Pyridine	3.702	79	391673	31.706	ng	94
4) n-Nitrosodimethylamine	3.608	42	191339	32.825	ng	85
6) Aniline	7.084	93	548886	28.143	ng	99
8) 2-Chlorophenol	7.331	128	493591	42.093	ng	97
9) Benzaldehyde	6.902	77	281489	33.055	ng	97
10) Phenol	6.978	94	612316	40.872	ng	98
11) bis(2-Chloroethyl)ether	7.178	93	461842	38.371	ng	95
12) 1,3-Dichlorobenzene	7.637	146	528028	39.565	ng	97
13) 1,4-Dichlorobenzene	7.784	146	538205	39.590	ng	99
14) 1,2-Dichlorobenzene	8.096	146	522128	39.534	ng	99
15) Benzyl Alcohol	7.990	79	460595	39.232	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.272	45	665554	33.813	ng	95
17) 2-Methylphenol	8.202	107	413911	40.980	ng	99
18) Hexachloroethane	8.813	117	202775	39.050	ng	96
19) n-Nitroso-di-n-propyla...	8.549	70	366532	36.988	ng	93
20) 3+4-Methylphenols	8.531	107	558666	39.495	ng	99
22) Acetophenone	8.560	105	809623	44.839	ng	97
24) Nitrobenzene	8.937	77	536667	39.055	ng	96
25) Isophorone	9.460	82	1038861	38.586	ng	98
26) 2-Nitrophenol	9.637	139	272192	44.615	ng	93
27) 2,4-Dimethylphenol	9.707	122	460580	43.033	ng	99
28) bis(2-Chloroethoxy)met...	9.931	93	632328	40.631	ng	99
29) 2,4-Dichlorophenol	10.196	162	479475	44.931	ng	99
30) 1,2,4-Trichlorobenzene	10.378	180	508268	42.262	ng	99
31) Naphthalene	10.566	128	1451240	39.834	ng	100
32) Benzoic acid	9.907	122	395724	49.730	ng	98
33) 4-Chloroaniline	10.684	127	341378	22.481	ng	99
34) Hexachlorobutadiene	10.848	225	339894	43.902	ng	99
35) Caprolactam	11.495	113	163660	39.785	ng	# 85
36) 4-Chloro-3-methylphenol	11.825	107	540016	42.445	ng	96
37) 2-Methylnaphthalene	12.178	142	950837	40.635	ng	98
38) 1-Methylnaphthalene	12.395	142	978494	39.214	ng	99
40) 1,2,4,5-Tetrachloroben...	12.548	216	670235	49.963	ng	99
41) Hexachlorocyclopentadiene	12.525	237	639893	87.583	ng	100
43) 2,4,6-Trichlorophenol	12.795	196	408641	46.338	ng	98

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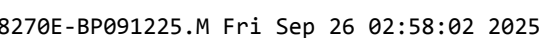
Instrument :
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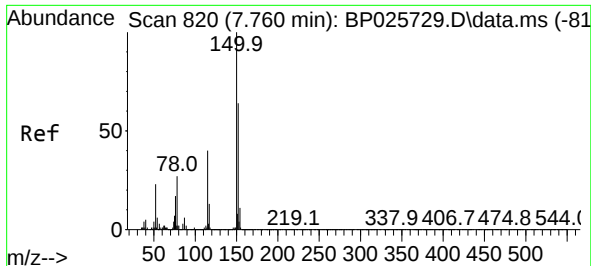
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	452025	46.056	ng	97
46) 1,1'-Biphenyl	13.190	154	1498589	46.120	ng	99
47) 2-Chloronaphthalene	13.237	162	1073605	41.962	ng	99
48) 2-Nitroaniline	13.448	65	347544	40.750	ng	93
49) Acenaphthylene	14.095	152	1785024	42.107	ng	100
50) Dimethylphthalate	13.831	163	1409718	41.710	ng	100
51) 2,6-Dinitrotoluene	13.948	165	317697	44.368	ng	92
52) Acenaphthene	14.442	154	1003491	41.047	ng	99
53) 3-Nitroaniline	14.284	138	229587	30.490	ng	99
54) 2,4-Dinitrophenol	14.513	184	395454	84.643	ng	94
55) Dibenzofuran	14.778	168	1639768	41.154	ng	99
56) 4-Nitrophenol	14.648	139	433110	67.532	ng	95
57) 2,4-Dinitrotoluene	14.760	165	458036	44.947	ng	92
58) Fluorene	15.436	166	1332166	42.046	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	413020	46.715	ng	93
60) Diethylphthalate	15.213	149	1447773	42.230	ng	99
61) 4-Chlorophenyl-phenyle...	15.431	204	697248	43.666	ng	98
62) 4-Nitroaniline	15.472	138	332399	43.089	ng	98
63) Azobenzene	15.731	77	1300102	39.220	ng	97
65) 4,6-Dinitro-2-methylph...	15.531	198	279007	46.072	ng	89
66) n-Nitrosodiphenylamine	15.654	169	1196839	42.948	ng	100
67) 4-Bromophenyl-phenylether	16.348	248	456847	45.667	ng	98
68) Hexachlorobenzene	16.478	284	525442	47.099	ng	# 91
69) Atrazine	16.631	200	482387	45.285	ng	97
70) Pentachlorophenol	16.836	266	669805	90.969	ng	98
71) Phenanthrene	17.225	178	2150718	41.636	ng	100
72) Anthracene	17.319	178	2180507	41.604	ng	100
73) Carbazole	17.601	167	2059822	42.273	ng	99
74) Di-n-butylphthalate	18.177	149	2620561	43.824	ng	99
75) Fluoranthene	19.313	202	2632163	42.487	ng	99
77) Benzidine	19.513	184	1320294	47.007	ng	99
78) Pyrene	19.689	202	2728331	41.934	ng	99
80) Butylbenzylphthalate	20.636	149	1239793	43.460	ng	94
81) Benzo(a)anthracene	21.613	228	2794112	41.856	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	796702	34.516	ng	99
83) Chrysene	21.677	228	2624357	41.241	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	1735640	41.586	ng	99
85) Di-n-octyl phthalate	22.813	149	3145956	42.375	ng	96
87) Indeno(1,2,3-cd)pyrene	28.842	276	3397347	44.134	ng	# 81
88) Benzo(b)fluoranthene	23.930	252	2724586	42.091	ng	98
89) Benzo(k)fluoranthene	23.995	252	2904338	43.969	ng	99
90) Benzo(a)pyrene	24.836	252	2682814	42.322	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	2802516	44.489	ng	97
92) Benzo(g,h,i)perylene	30.024	276	2749313	44.379	ng	99

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

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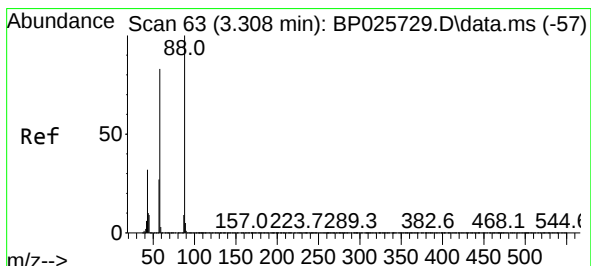
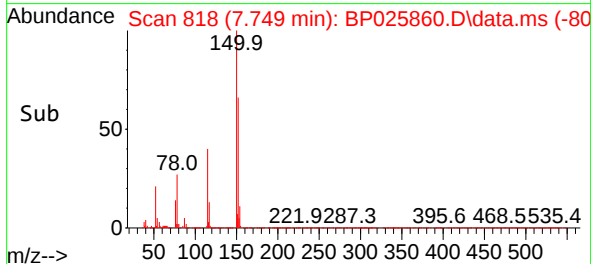
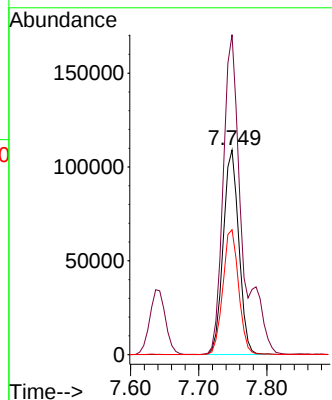
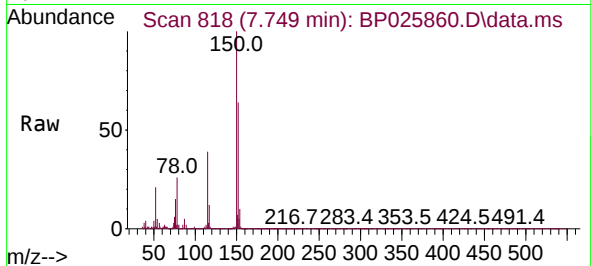




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.749 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP025860.D
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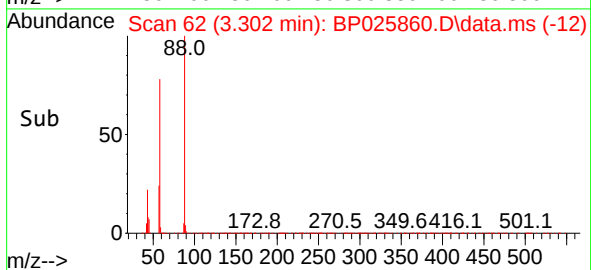
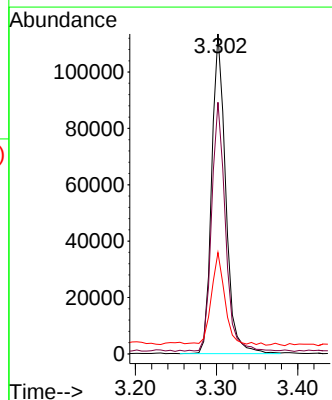
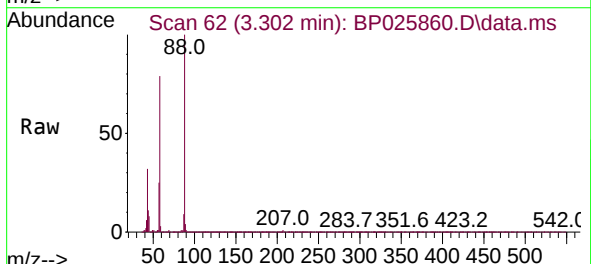
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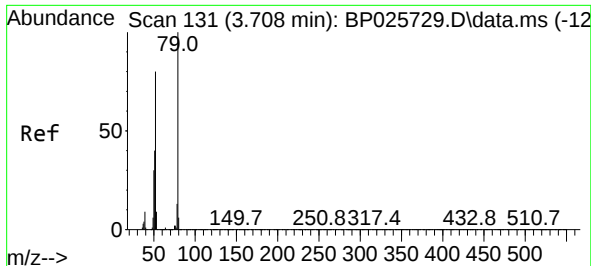
Tgt Ion:152 Resp: 172473
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.3 186.5
 115 61.1 50.3 75.5



#2
 1,4-Dioxane
 Concen: 30.374 ng
 RT: 3.302 min Scan# 62
 Delta R.T. -0.006 min
 Lab File: BP025860.D
 Acq: 25 Sep 2025 15:24

Tgt Ion: 88 Resp: 136267
 Ion Ratio Lower Upper
 88 100
 58 76.3 65.5 98.3
 43 26.6 25.2 37.8

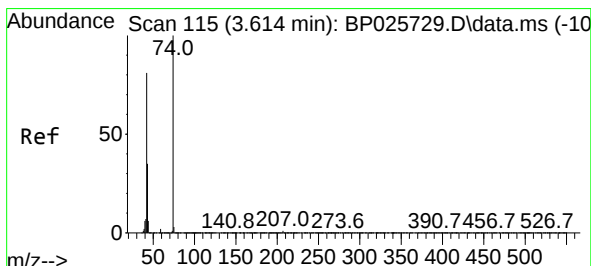
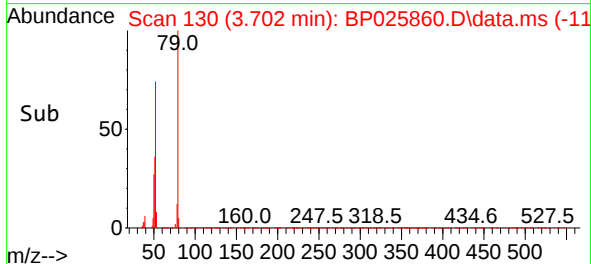
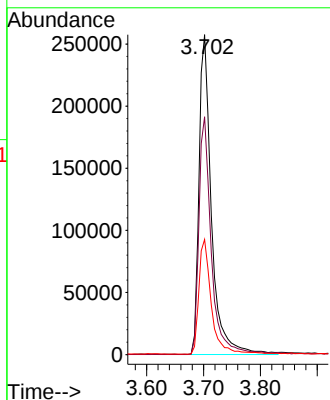
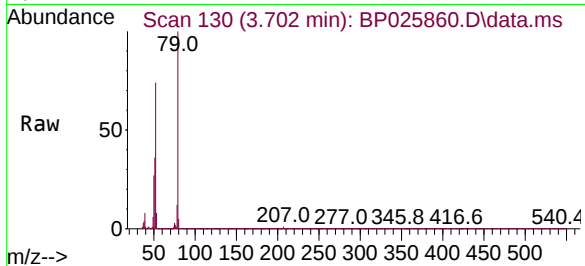




#3
Pyridine
Concen: 31.706 ng
RT: 3.702 min Scan# 113
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

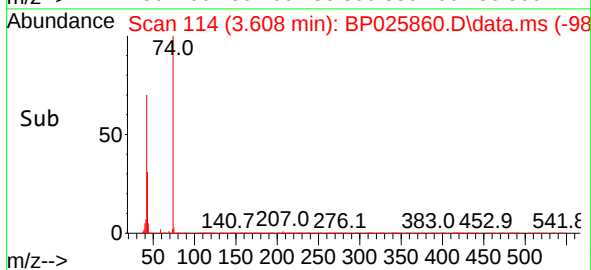
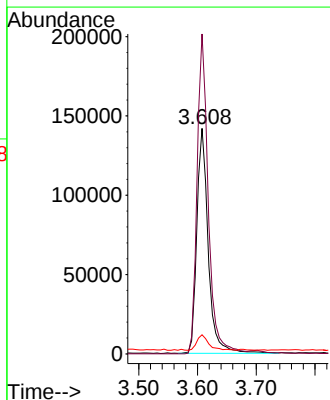
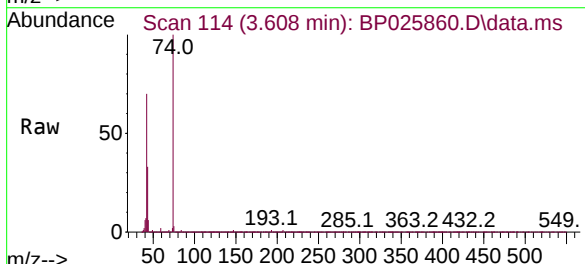
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ClientSampleId :
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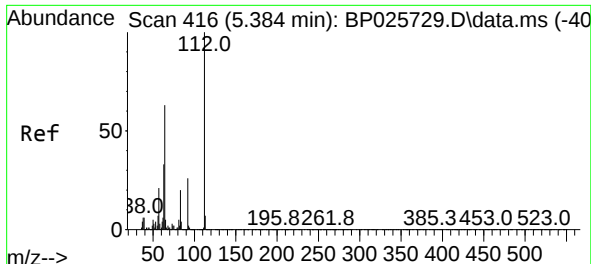
Tgt Ion: 79 Resp: 391673
Ion Ratio Lower Upper
79 100
52 74.3 63.7 95.5
51 36.0 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 32.825 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion: 42 Resp: 191339
Ion Ratio Lower Upper
42 100
74 141.9 99.2 148.8
44 8.5 6.4 9.6

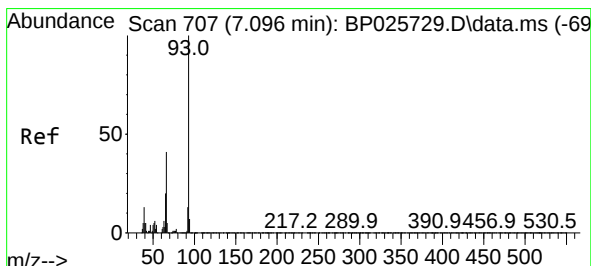
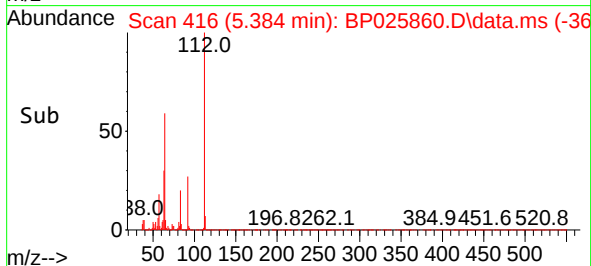
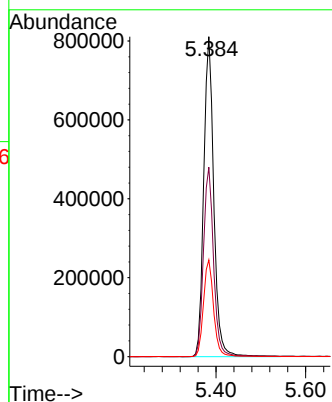
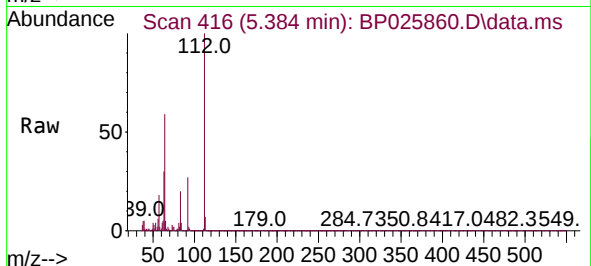




#5
2-Fluorophenol
Concen: 117.771 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

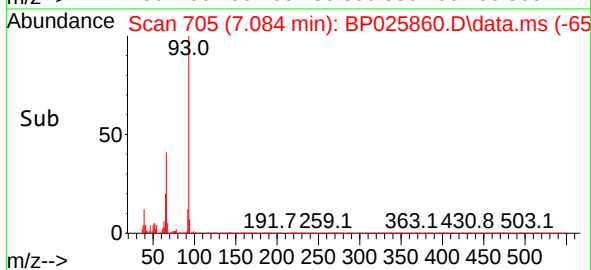
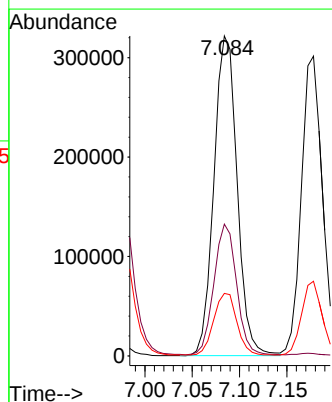
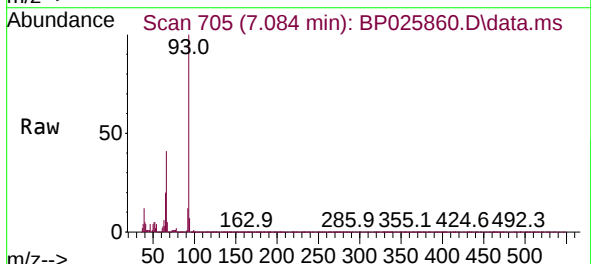
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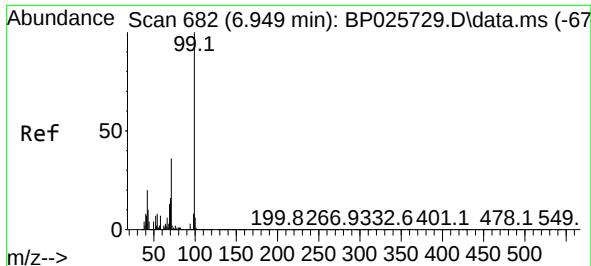
Tgt Ion:112 Resp: 1258864
Ion Ratio Lower Upper
112 100
64 59.2 50.2 75.4
63 30.2 26.7 40.1



#6
Aniline
Concen: 28.143 ng
RT: 7.084 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion: 93 Resp: 548886
Ion Ratio Lower Upper
93 100
66 41.2 32.6 49.0
65 19.5 16.2 24.2

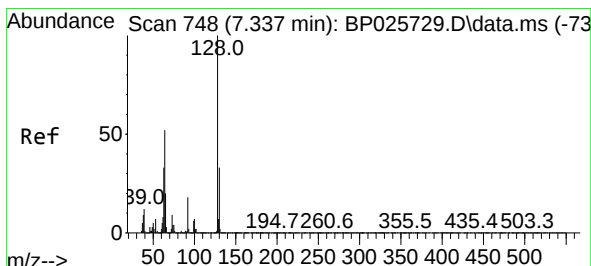
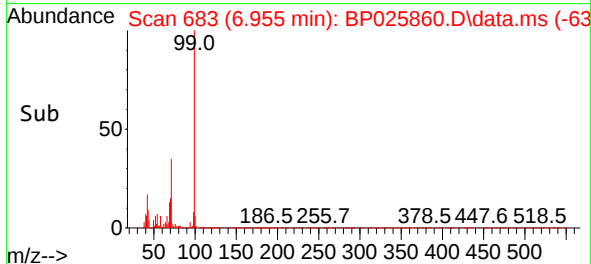
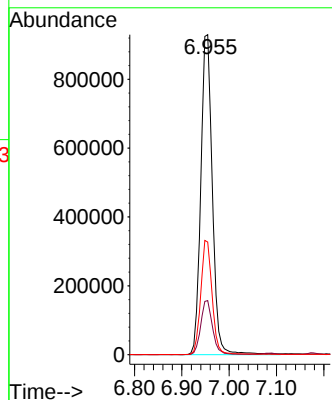
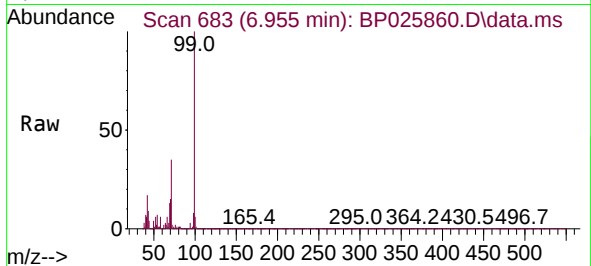




#7
Phenol-d6
Concen: 110.829 ng
RT: 6.955 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

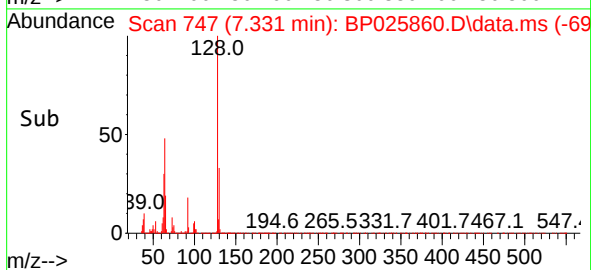
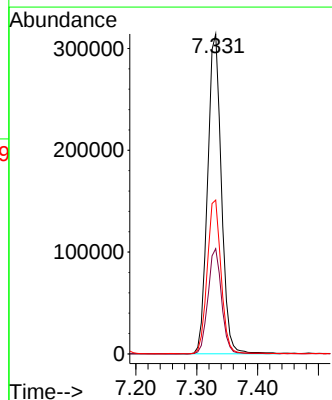
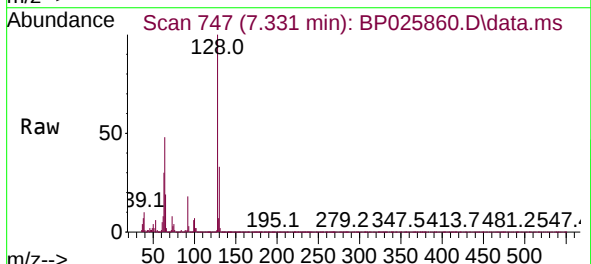
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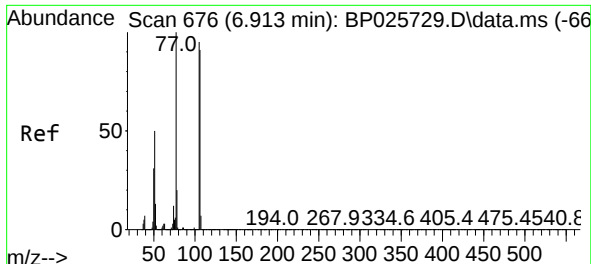
Tgt Ion: 99 Resp: 1574632
Ion Ratio Lower Upper
99 100
42 16.9 15.6 23.4
71 35.2 28.6 43.0



#8
2-Chlorophenol
Concen: 42.093 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:128 Resp: 493591
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 48.1 31.6 71.6

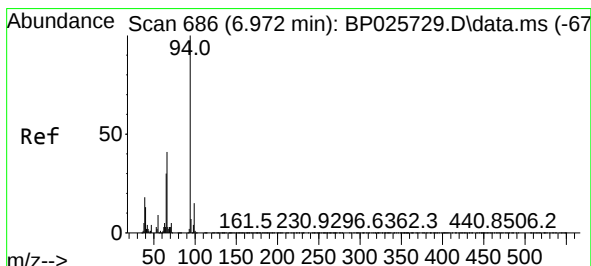
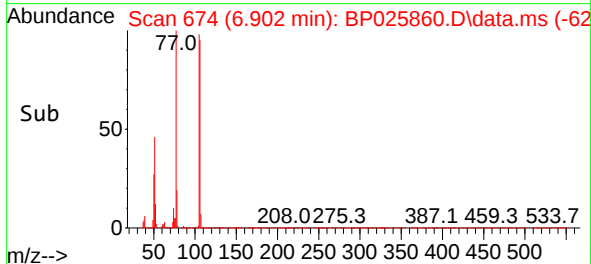
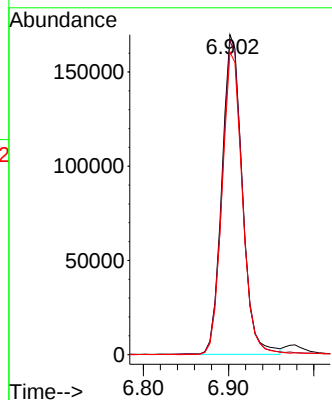
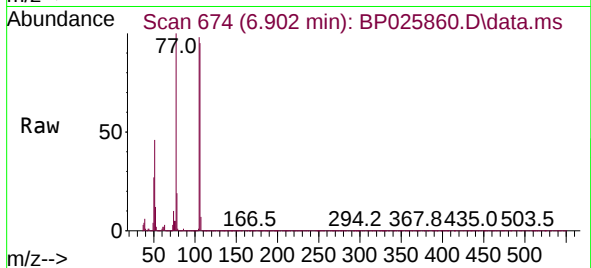




#9
Benzaldehyde
Concen: 33.055 ng
RT: 6.902 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025860.D
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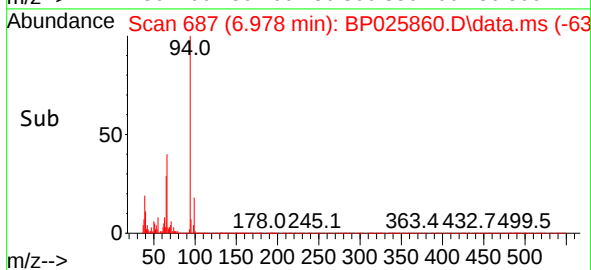
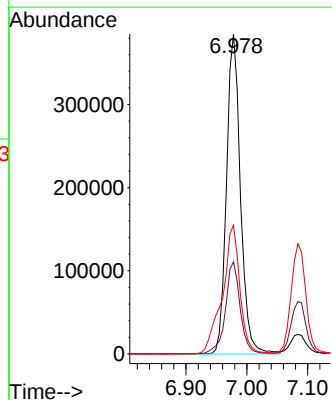
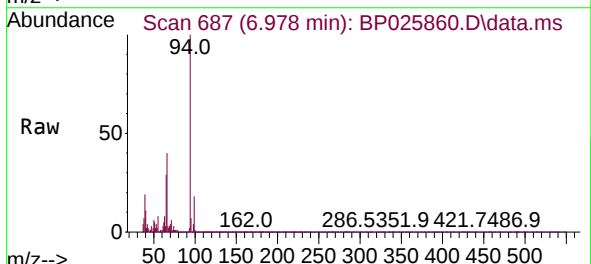
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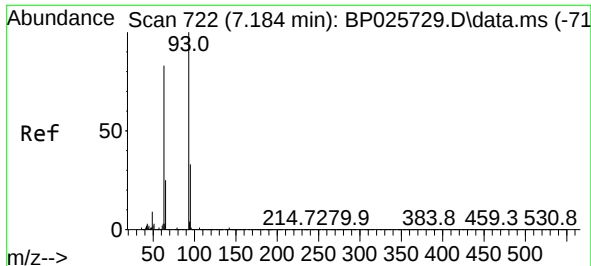
Tgt Ion: 77 Resp: 281489
Ion Ratio Lower Upper
77 100
105 98.1 75.2 115.2
106 94.6 71.3 111.3



#10
Phenol
Concen: 40.872 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion: 94 Resp: 612316
Ion Ratio Lower Upper
94 100
65 28.8 10.2 50.2
66 40.2 21.4 61.4

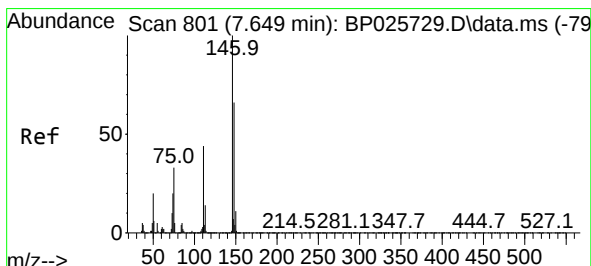
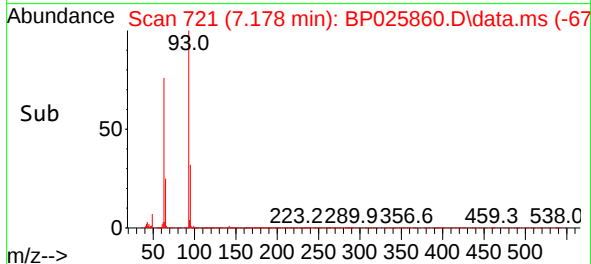
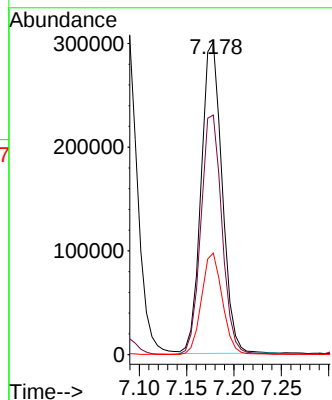
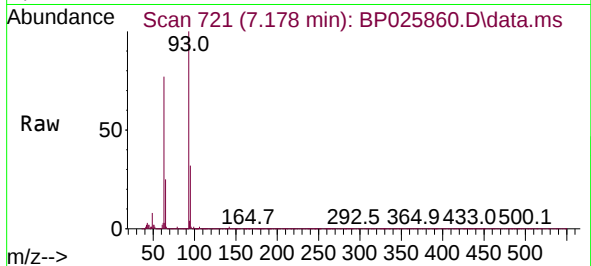




#11
bis(2-Chloroethyl)ether
Concen: 38.371 ng
RT: 7.178 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

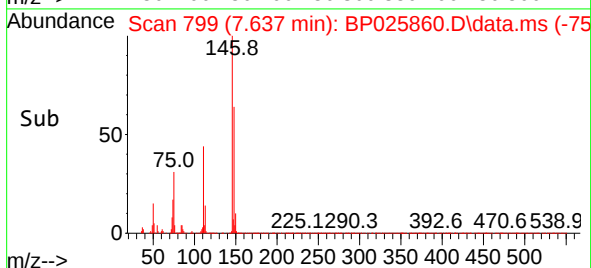
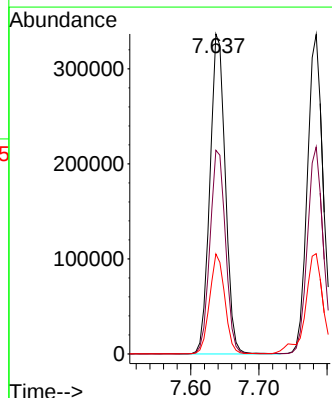
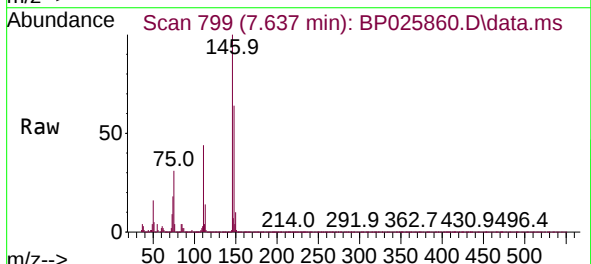
Instrument :
BNA_P
ClientSampleId :
PB169801BS

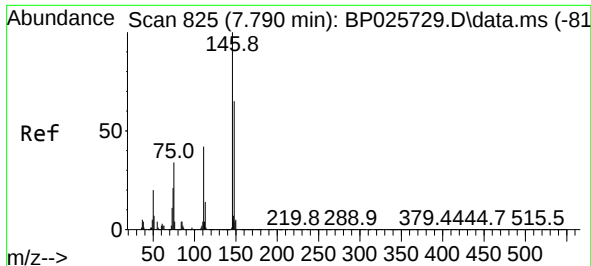
Tgt Ion: 93 Resp: 461842
Ion Ratio Lower Upper
93 100
63 76.6 62.6 102.6
95 32.5 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 39.565 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:146 Resp: 528028
Ion Ratio Lower Upper
146 100
148 63.6 52.7 79.1
75 31.2 26.4 39.6

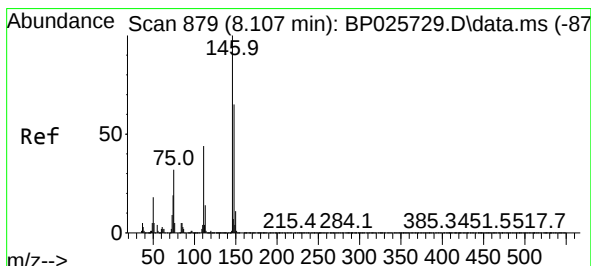
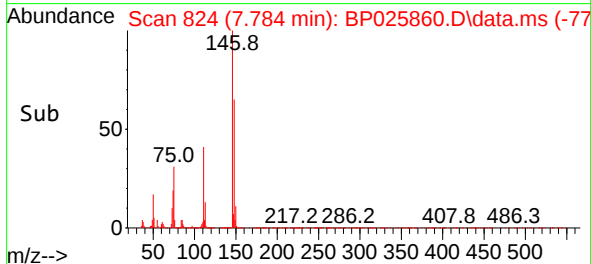
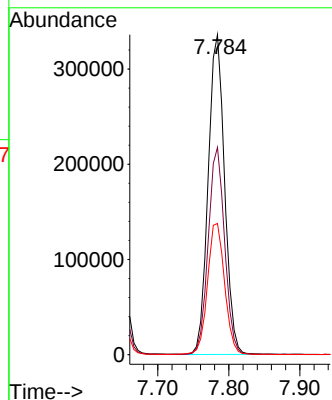
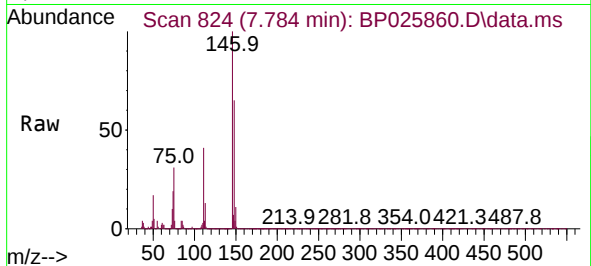




#13
1,4-Dichlorobenzene
Concen: 39.590 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

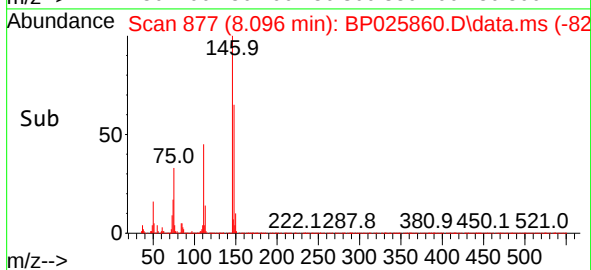
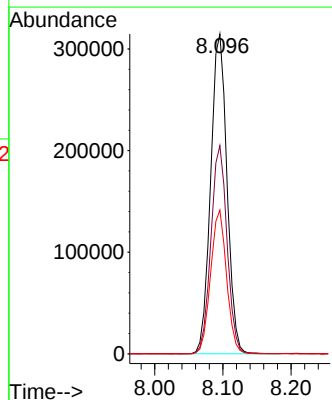
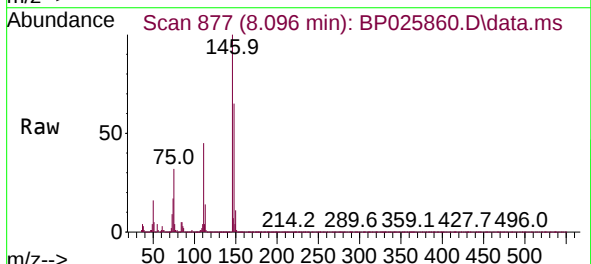
Instrument :
BNA_P
ClientSampleId :
PB169801BS

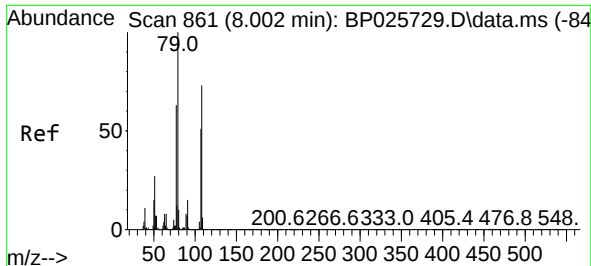
Tgt Ion:146 Resp: 538205
Ion Ratio Lower Upper
146 100
148 64.8 52.0 78.0
111 41.0 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 39.534 ng
RT: 8.096 min Scan# 877
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:146 Resp: 522128
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
111 44.9 35.5 53.3

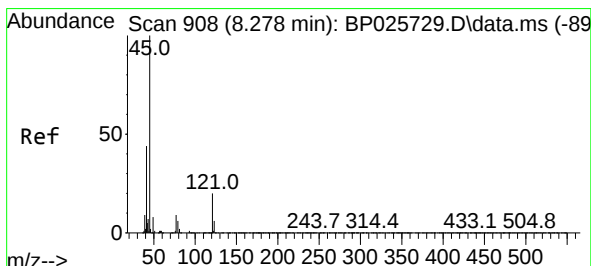
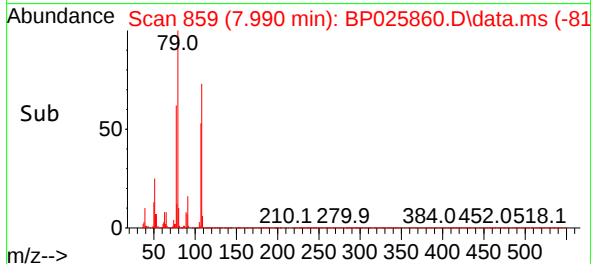
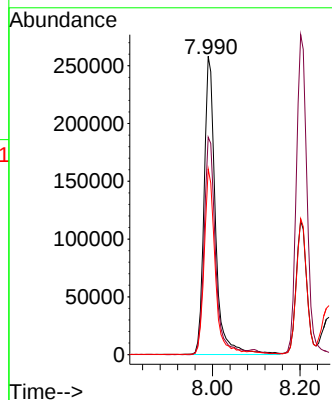
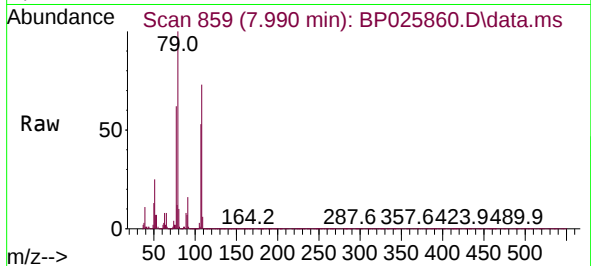




#15
Benzyl Alcohol
Concen: 39.232 ng
RT: 7.990 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

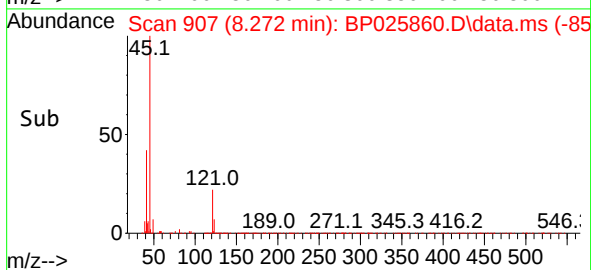
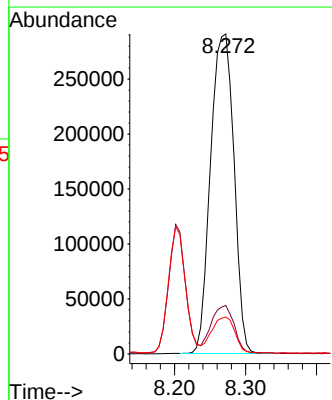
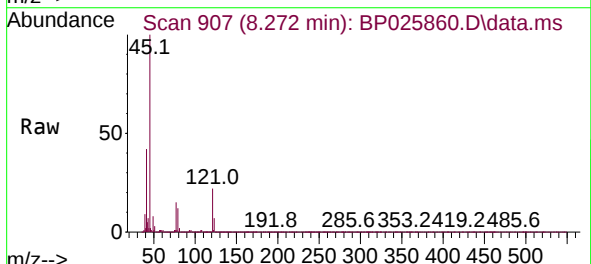
Instrument :
BNA_P
ClientSampleId :
PB169801BS

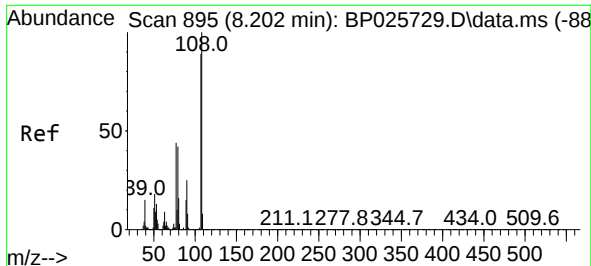
Tgt Ion: 79 Resp: 460595
Ion Ratio Lower Upper
79 100
108 72.9 58.7 88.1
77 62.3 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.813 ng
RT: 8.272 min Scan# 907
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion: 45 Resp: 665554
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.1
79 11.5 0.0 30.0

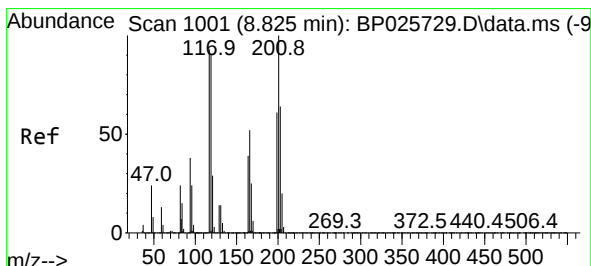
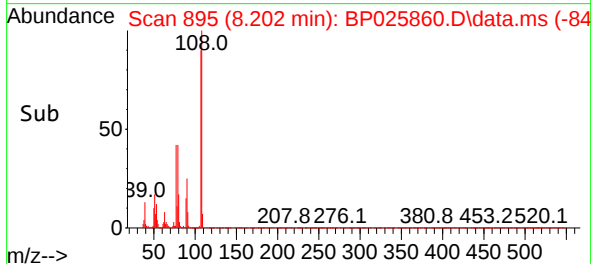
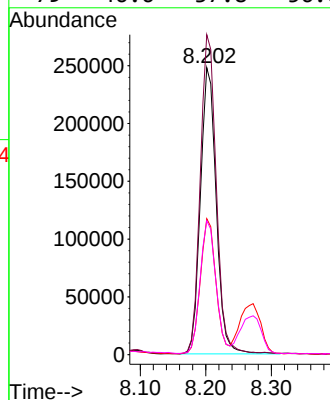
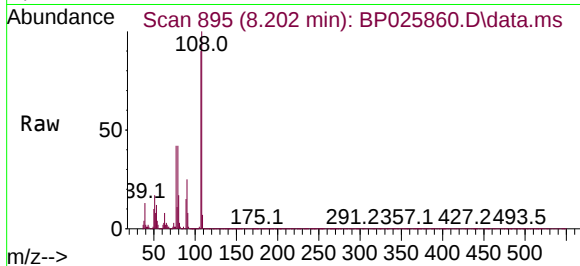




#17
2-Methylphenol
Concen: 40.980 ng
RT: 8.202 min Scan# 895
Delta R.T. -0.000 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

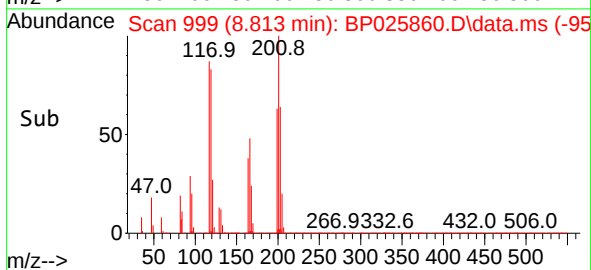
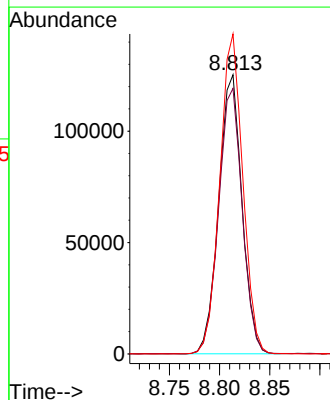
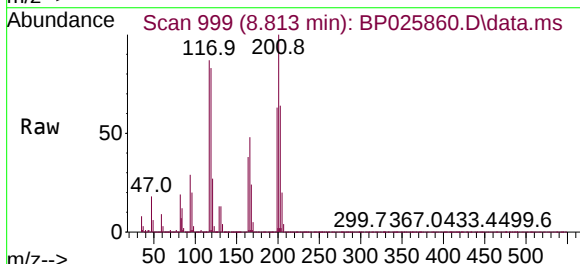
Instrument :
BNA_P
ClientSampleId :
PB169801BS

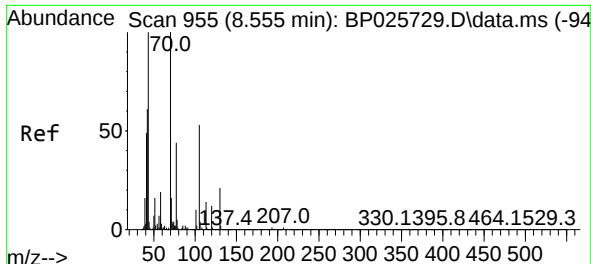
Tgt Ion:	107	Resp:	413911
Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.6	134.4
77	47.4	39.3	58.9
79	46.6	37.8	56.6



#18
Hexachloroethane
Concen: 39.050 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:	117	Resp:	202775
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.1	115.7
201	114.6	85.6	128.4

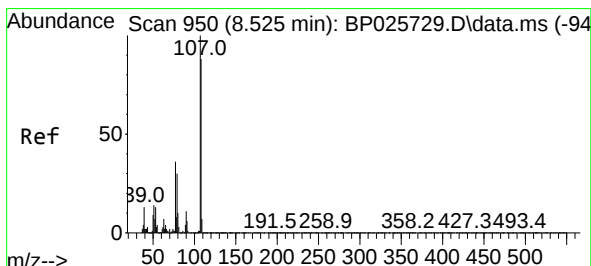
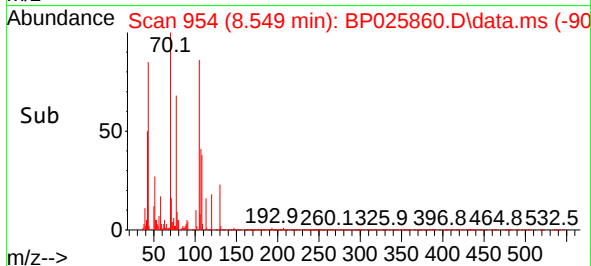
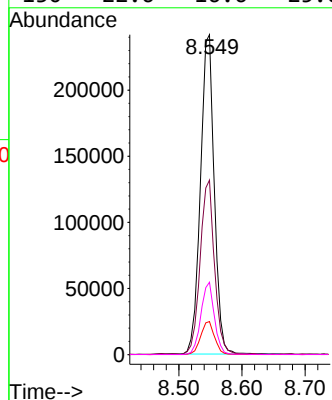
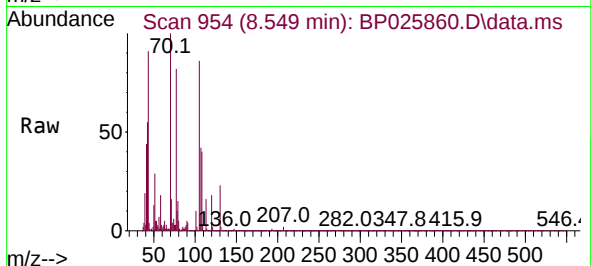




#19
n-Nitroso-di-n-propylamine
Concen: 36.988 ng
RT: 8.549 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

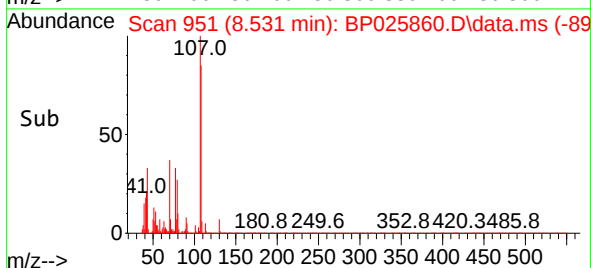
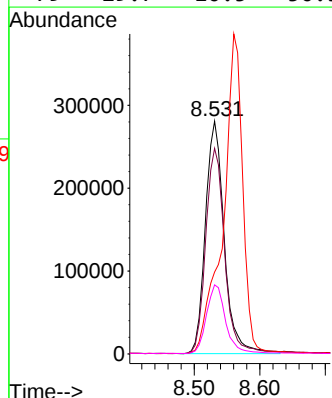
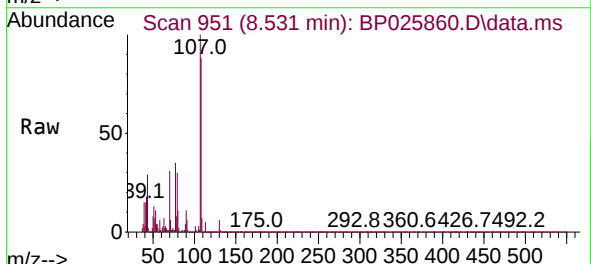
Instrument :
BNA_P
ClientSampleId :
PB169801BS

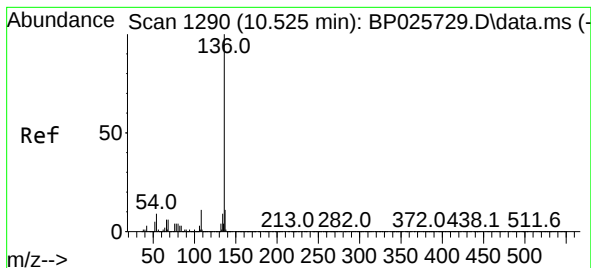
Tgt Ion: 70 Resp: 366532
Ion Ratio Lower Upper
70 100
42 54.5 49.0 73.4
101 10.3 7.9 11.9
130 22.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.495 ng
RT: 8.531 min Scan# 951
Delta R.T. 0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:107 Resp: 558666
Ion Ratio Lower Upper
107 100
108 88.3 67.8 107.8
77 35.1 16.1 56.1
79 29.7 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.519 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

Tgt Ion:136 Resp: 675663

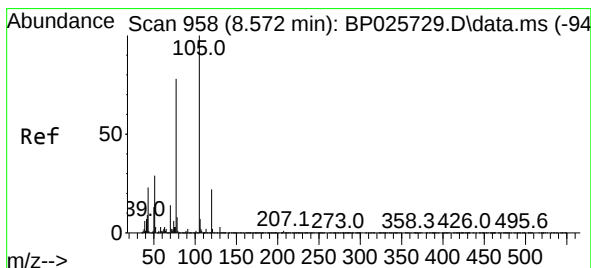
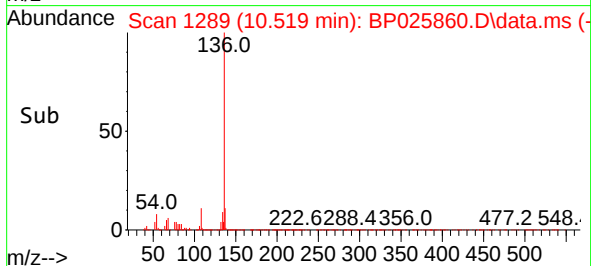
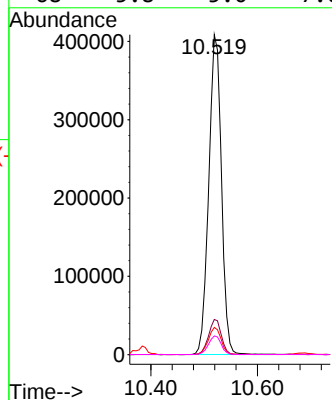
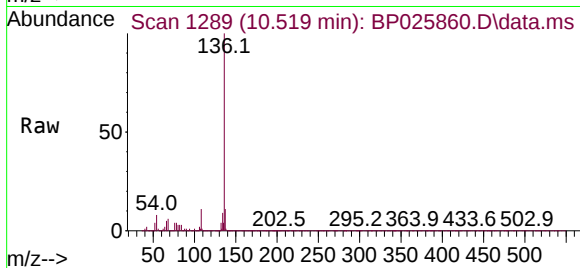
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.5 7.5 11.3

68 5.8 5.0 7.6



#22

Acetophenone

Concen: 44.839 ng

RT: 8.560 min Scan# 956

Delta R.T. -0.012 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Tgt Ion:105 Resp: 809623

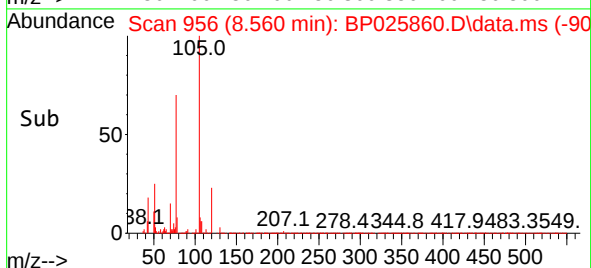
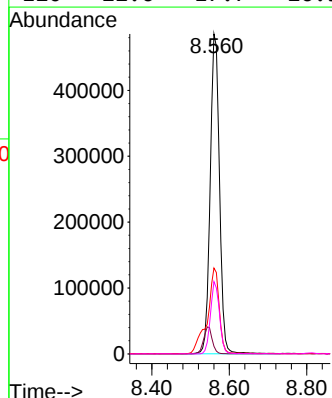
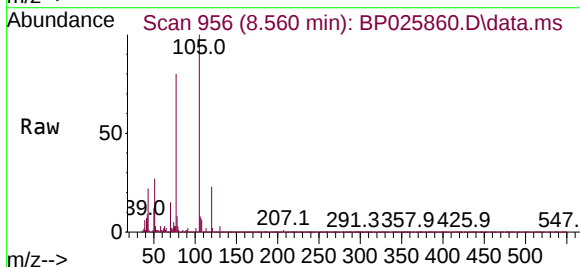
Ion Ratio Lower Upper

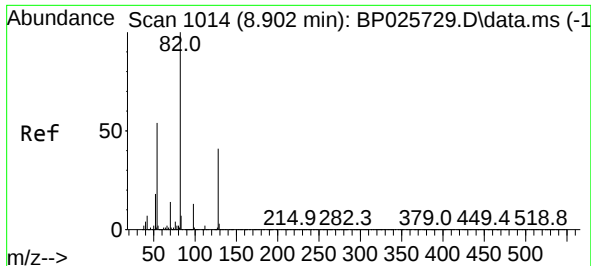
105 100

71 2.4 1.8 2.8

51 26.8 23.5 35.3

120 22.6 17.7 26.5

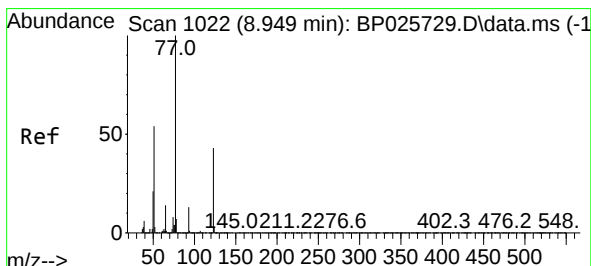
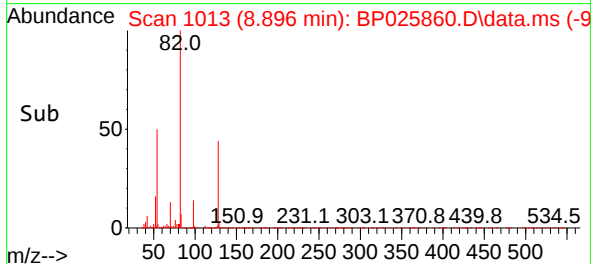
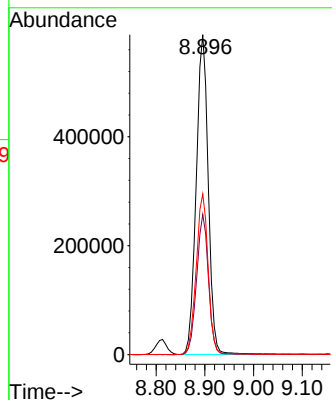
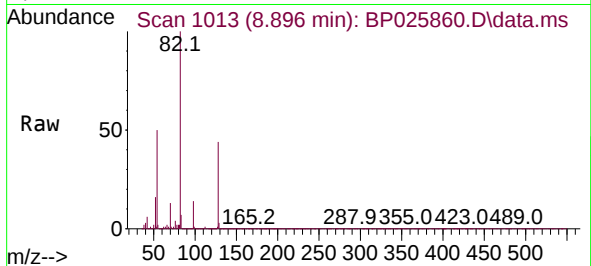




#23
Nitrobenzene-d5
Concen: 65.465 ng
RT: 8.896 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

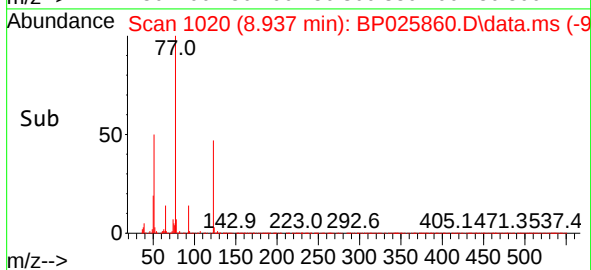
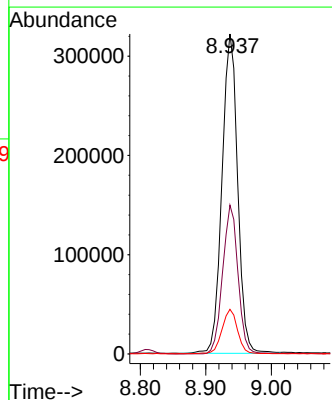
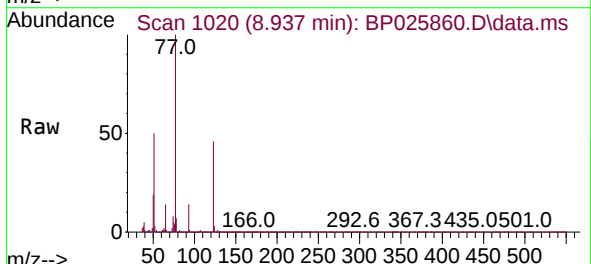
Instrument :
BNA_P
ClientSampleId :
PB169801BS

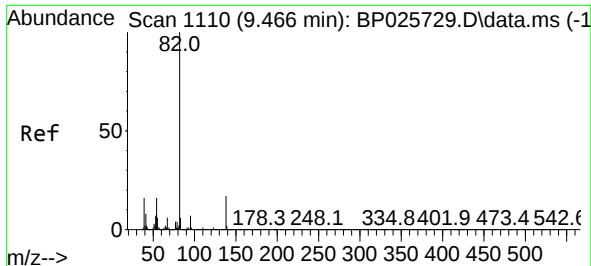
Tgt Ion: 82 Resp: 1002747
Ion Ratio Lower Upper
82 100
128 43.8 32.9 49.3
54 50.2 43.4 65.2



#24
Nitrobenzene
Concen: 39.055 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion: 77 Resp: 536667
Ion Ratio Lower Upper
77 100
123 46.5 34.4 51.6
65 13.9 10.8 16.2

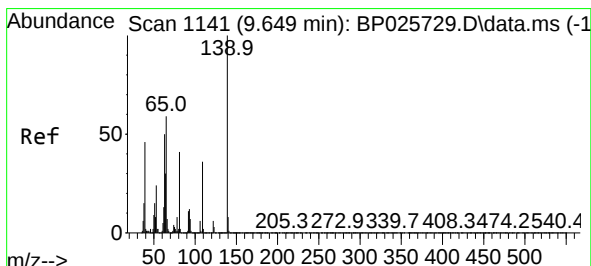
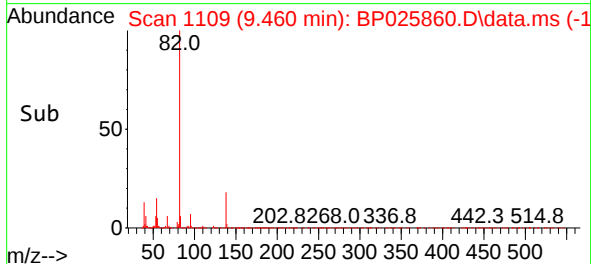
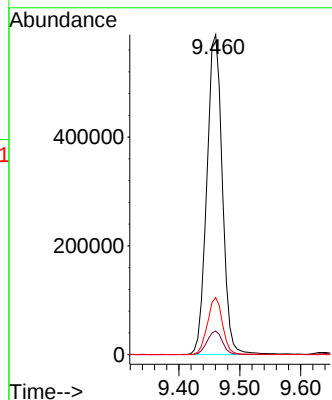
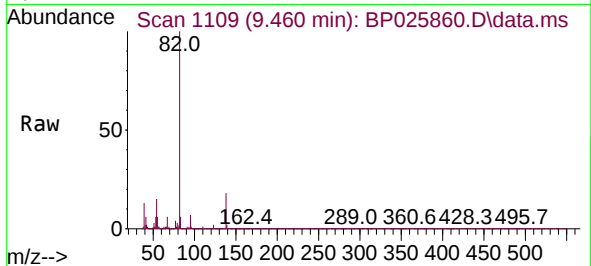




#25
Isophorone
Concen: 38.586 ng
RT: 9.460 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

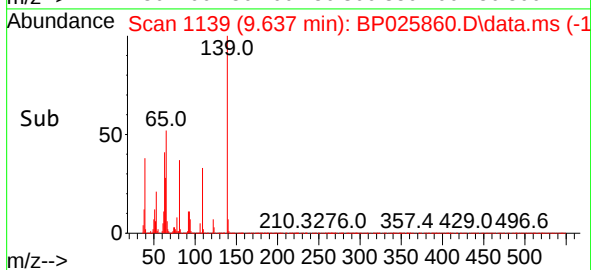
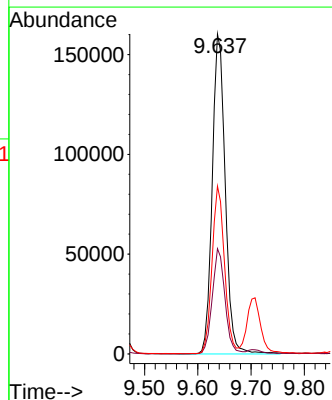
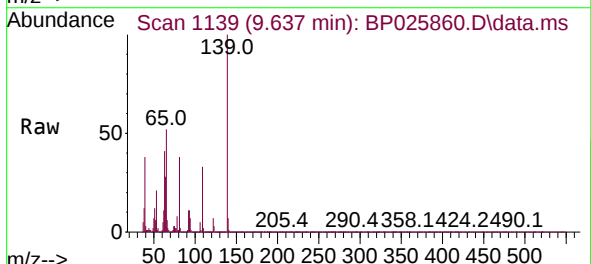
Instrument :
BNA_P
ClientSampleId :
PB169801BS

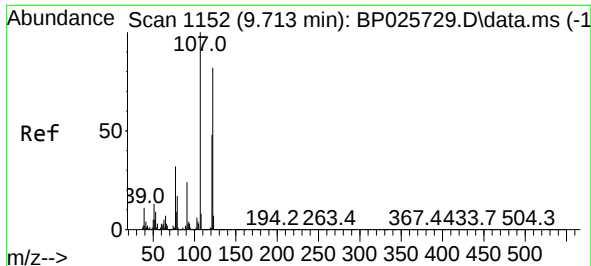
Tgt Ion: 82 Resp: 1038861
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 17.8 13.5 20.3



#26
2-Nitrophenol
Concen: 44.615 ng
RT: 9.637 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion: 139 Resp: 272192
Ion Ratio Lower Upper
139 100
109 32.9 29.0 43.4
65 52.4 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 43.033 ng

RT: 9.707 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

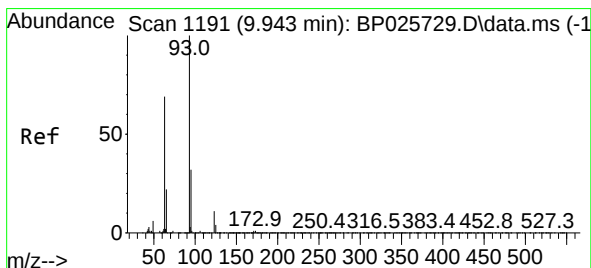
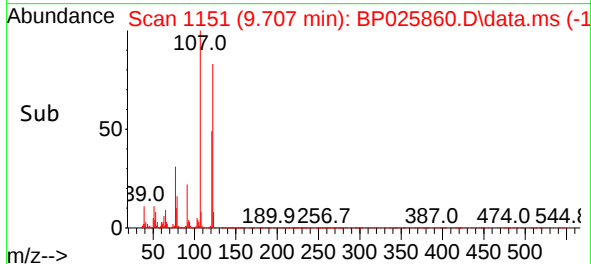
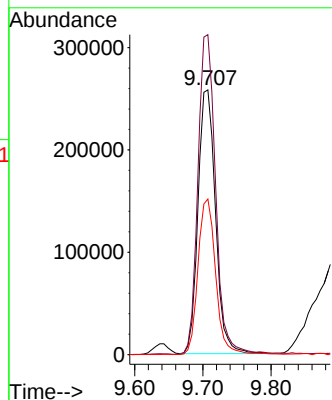
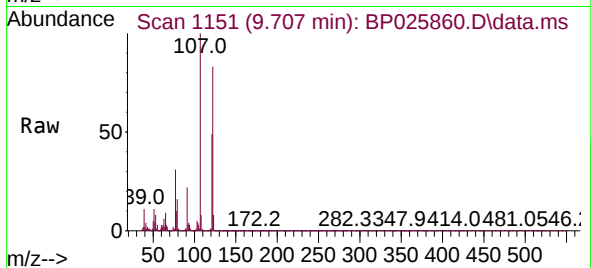
Tgt Ion:122 Resp: 460580

Ion Ratio Lower Upper

122 100

107 120.9 97.9 146.9

121 58.8 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.631 ng

RT: 9.931 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

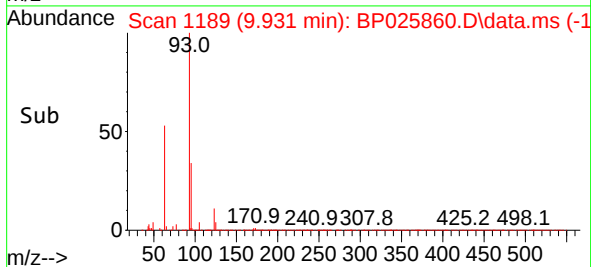
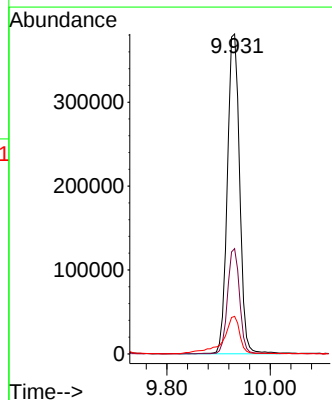
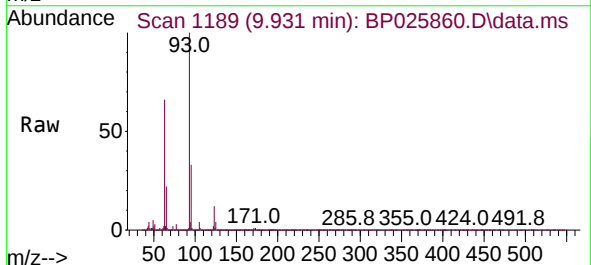
Tgt Ion: 93 Resp: 632328

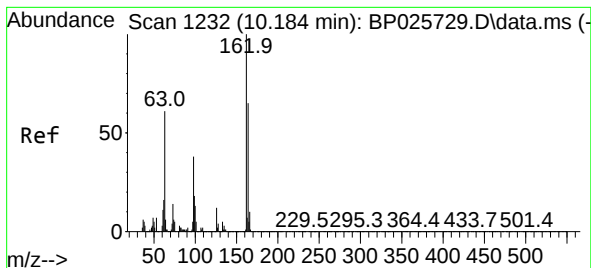
Ion Ratio Lower Upper

93 100

95 32.9 25.6 38.4

123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.931 ng

RT: 10.196 min Scan# 1232

Delta R.T. 0.012 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

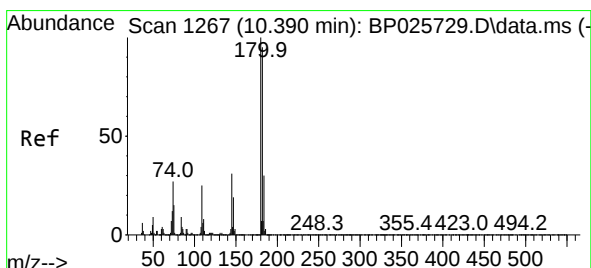
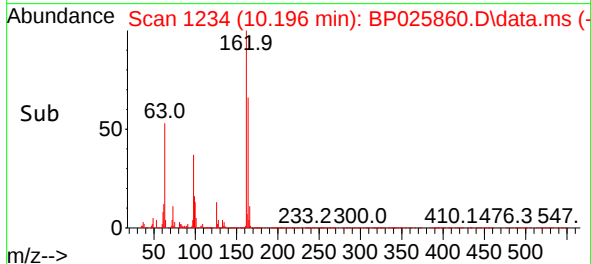
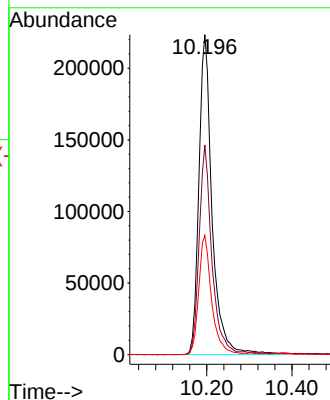
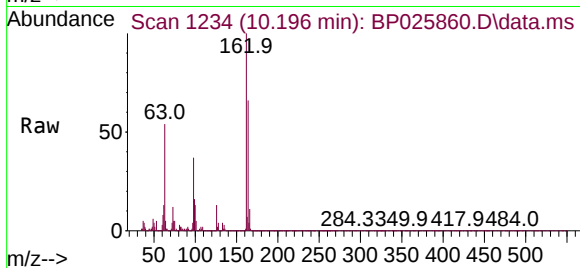
Tgt Ion:162 Resp: 479475

Ion Ratio Lower Upper

162 100

164 65.5 44.7 84.7

98 37.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 42.262 ng

RT: 10.378 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

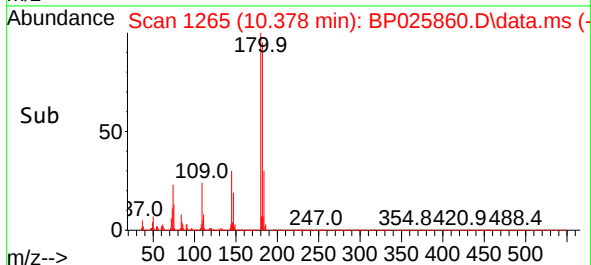
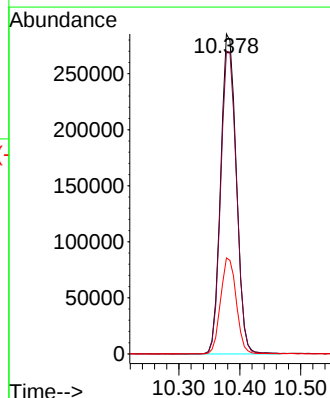
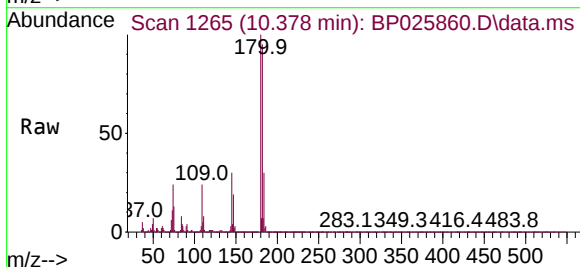
Tgt Ion:180 Resp: 508268

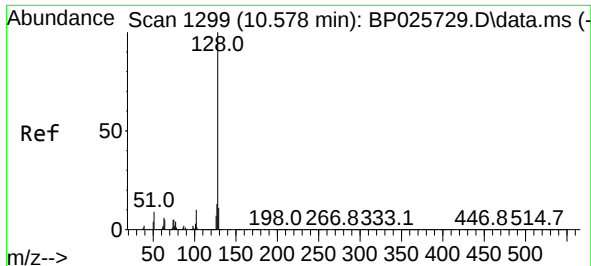
Ion Ratio Lower Upper

180 100

182 94.6 76.0 114.0

145 30.0 24.7 37.1

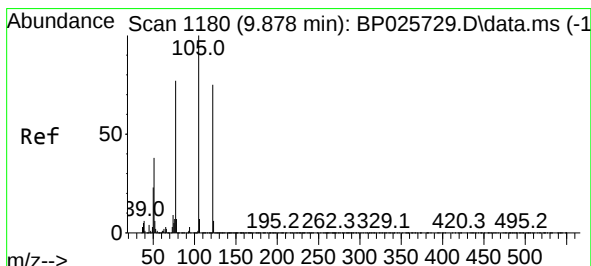
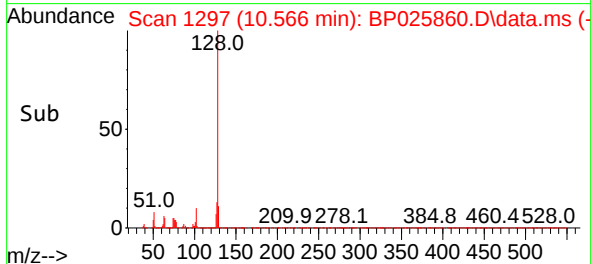
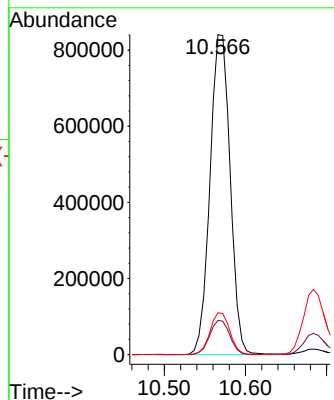
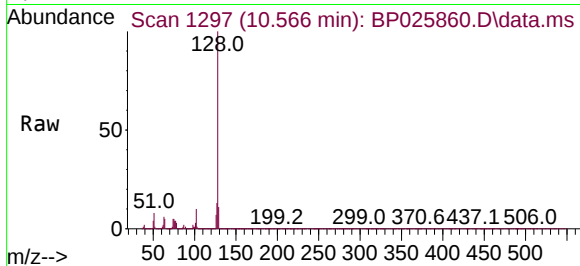




#31
Naphthalene
Concen: 39.834 ng
RT: 10.566 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

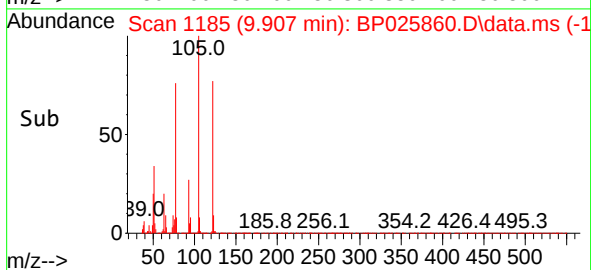
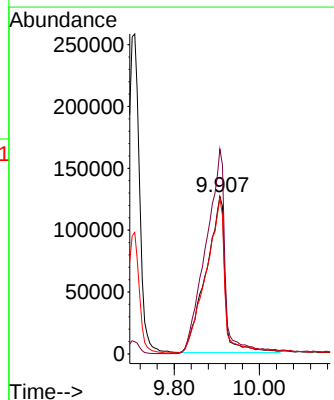
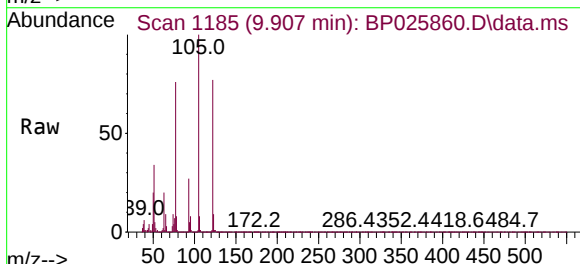
Instrument :
BNA_P
ClientSampleId :
PB169801BS

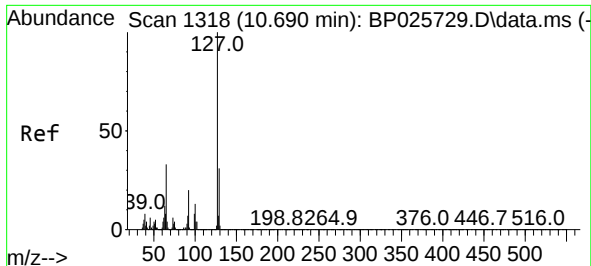
Tgt Ion:128 Resp: 1451240
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 49.730 ng
RT: 9.907 min Scan# 1185
Delta R.T. 0.029 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:122 Resp: 395724
Ion Ratio Lower Upper
122 100
105 130.2 111.5 151.5
77 98.9 81.8 121.8

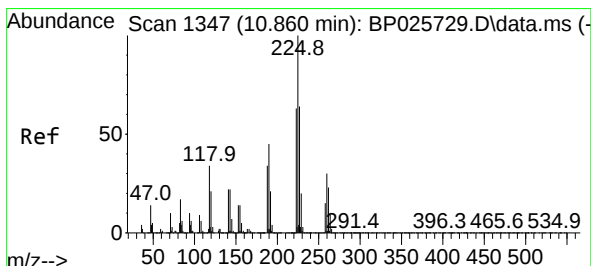
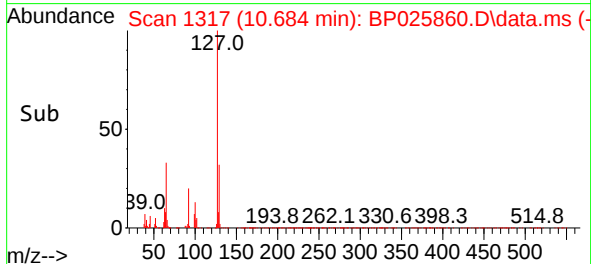
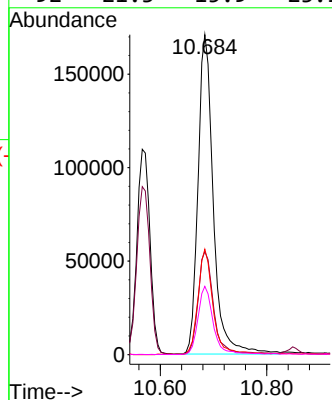
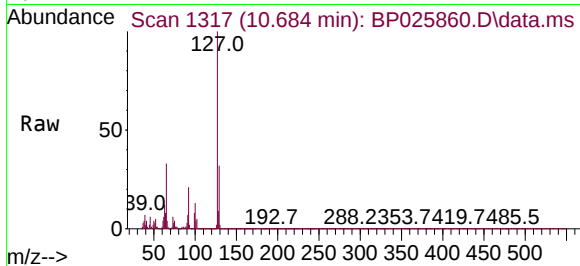




#33
4-Chloroaniline
Concen: 22.481 ng
RT: 10.684 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

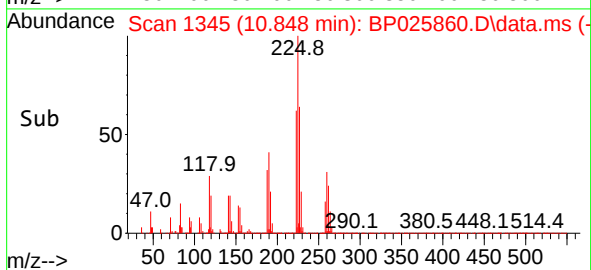
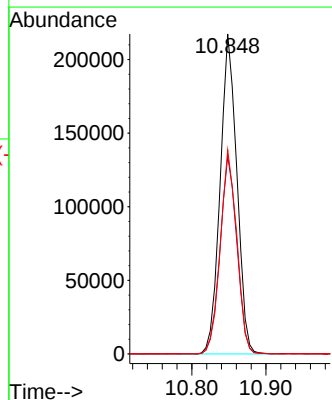
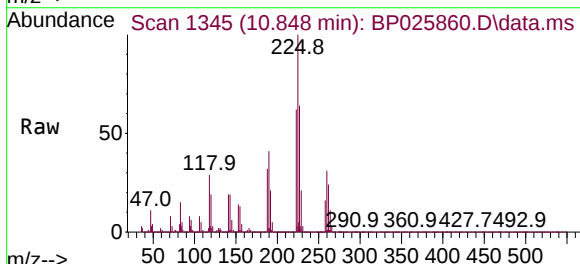
Instrument :
BNA_P
ClientSampleId :
PB169801BS

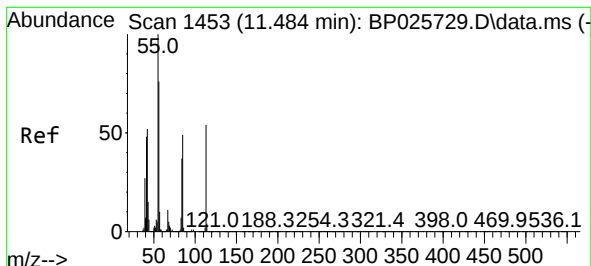
Tgt Ion:	127	Resp:	341378
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.1	37.7
65	32.9	26.4	39.6
92	21.3	15.9	23.9



#34
Hexachlorobutadiene
Concen: 43.902 ng
RT: 10.848 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:	225	Resp:	339894
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.1	75.1
227	63.8	51.2	76.8





#35

Caprolactam

Concen: 39.785 ng

RT: 11.495 min Scan# 1453

Delta R.T. 0.012 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

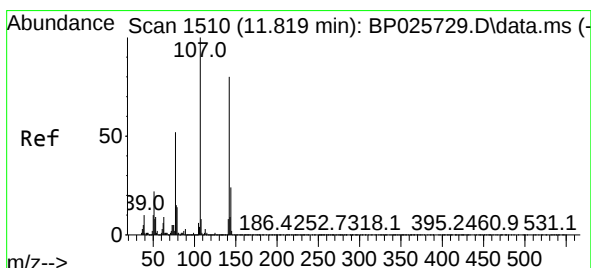
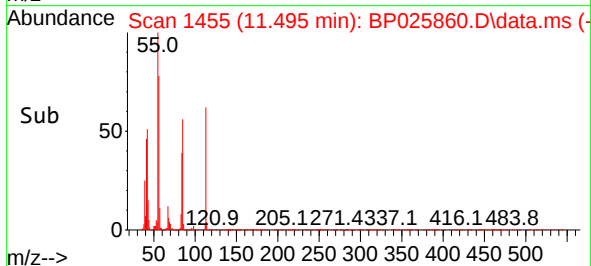
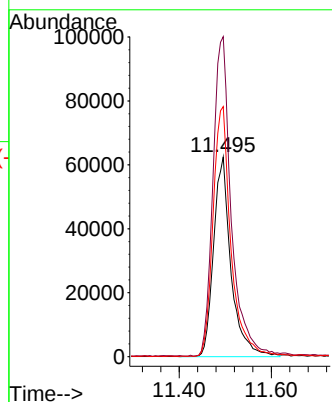
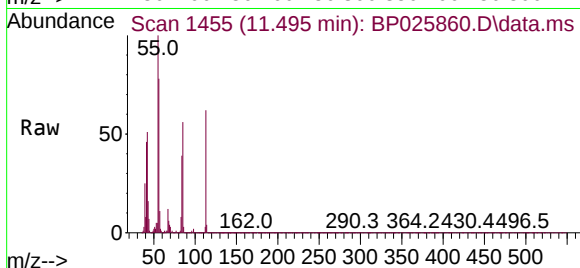
Tgt Ion:113 Resp: 163660

Ion Ratio Lower Upper

113 100

55 160.4 165.5 205.5#

56 125.3 121.1 161.1



#36

4-Chloro-3-methylphenol

Concen: 42.445 ng

RT: 11.825 min Scan# 1511

Delta R.T. 0.006 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

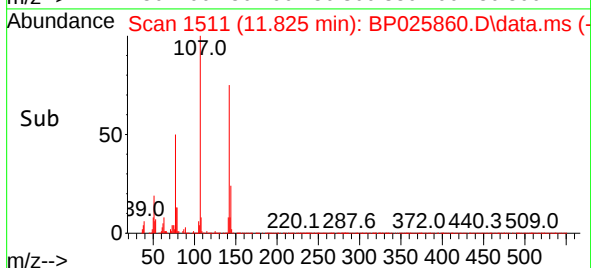
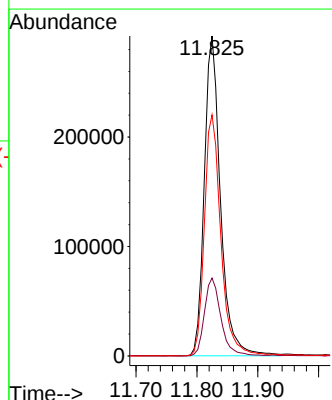
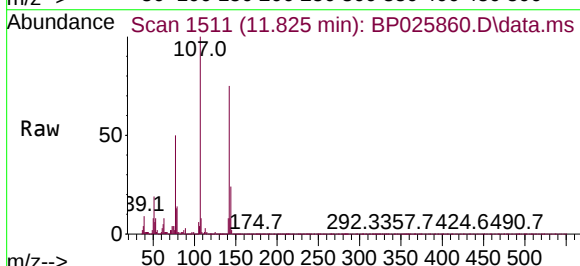
Tgt Ion:107 Resp: 540016

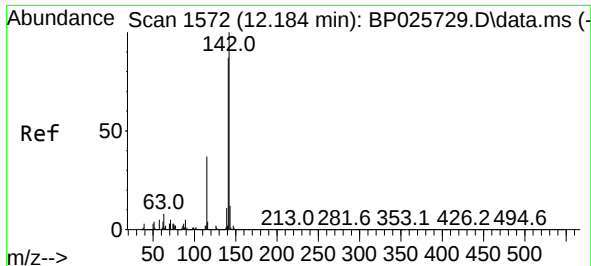
Ion Ratio Lower Upper

107 100

144 24.3 19.4 29.2

142 75.3 63.8 95.6

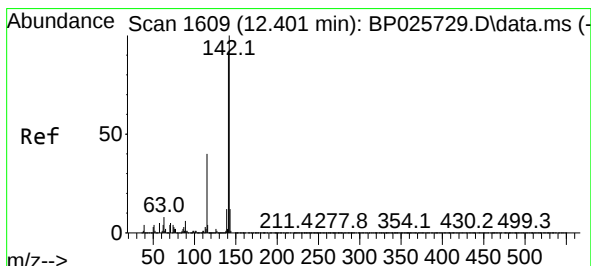
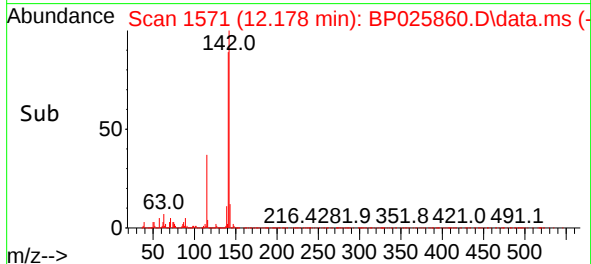
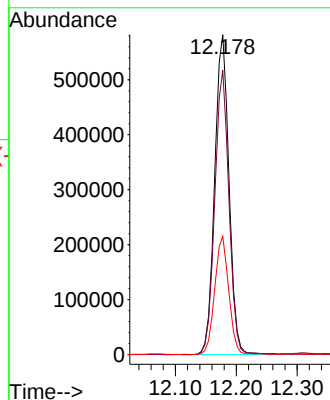
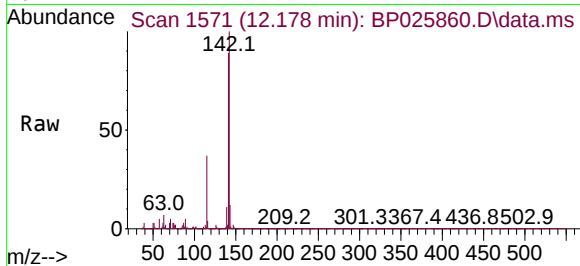




#37
2-Methylnaphthalene
Concen: 40.635 ng
RT: 12.178 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

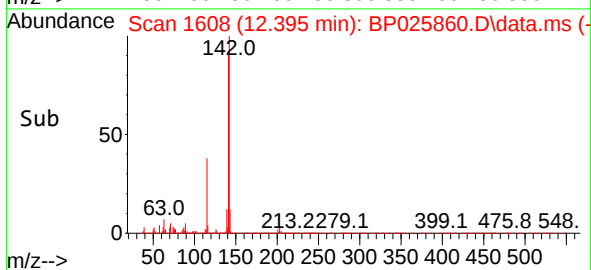
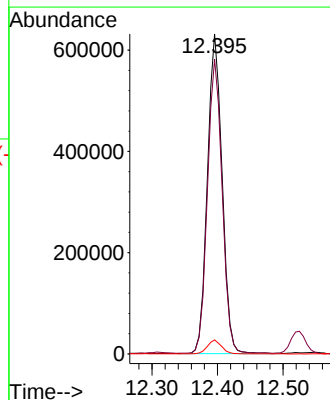
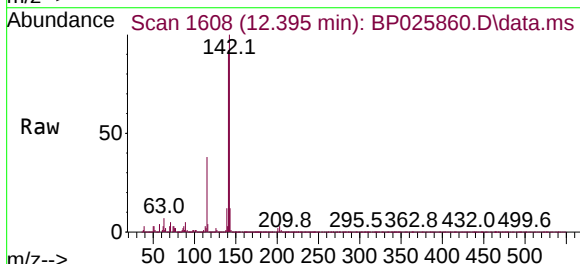
Instrument :
BNA_P
ClientSampleId :
PB169801BS

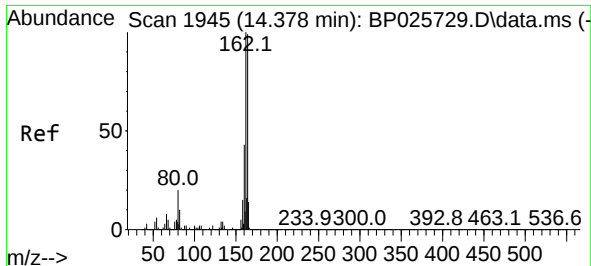
Tgt Ion:142 Resp: 950837
Ion Ratio Lower Upper
142 100
141 88.8 69.6 104.4
115 37.0 30.0 45.0



#38
1-Methylnaphthalene
Concen: 39.214 ng
RT: 12.395 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:142 Resp: 978494
Ion Ratio Lower Upper
142 100
141 92.1 72.7 109.1
116 4.4 3.5 5.3

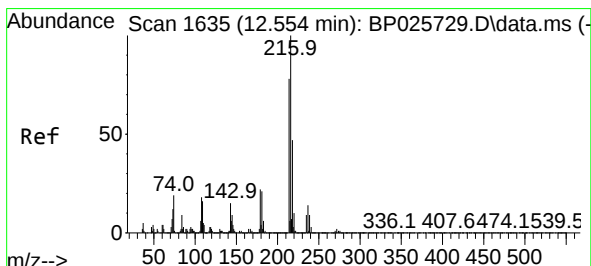
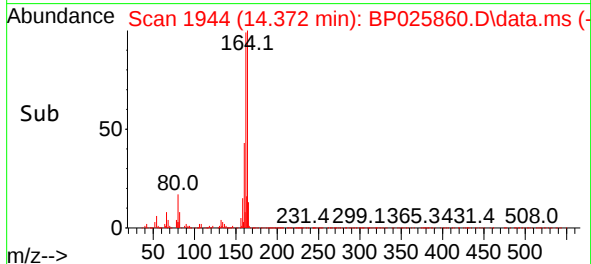
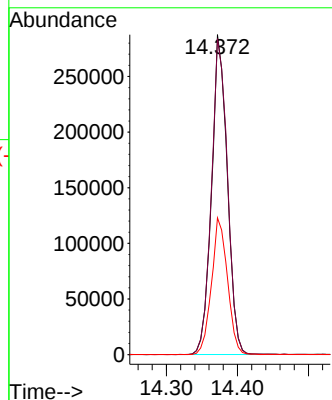
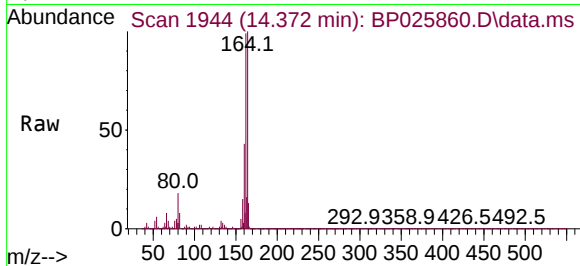




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

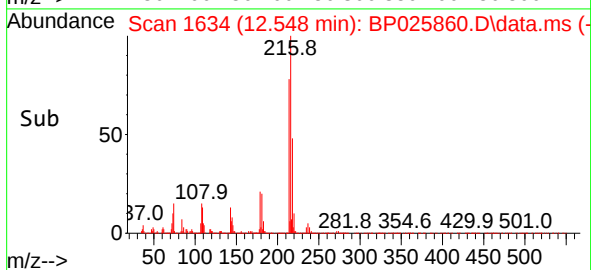
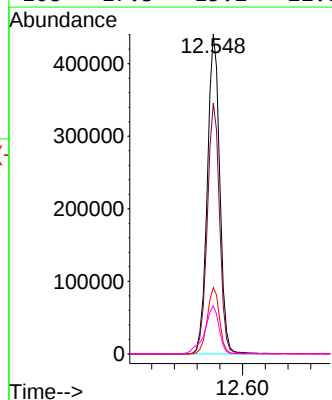
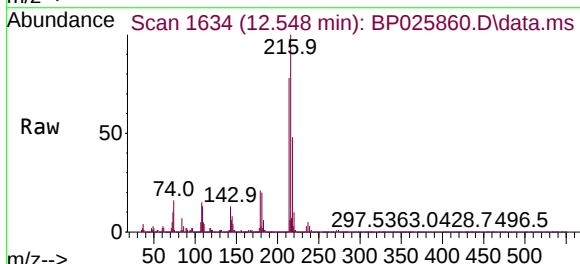
Instrument :
BNA_P
ClientSampleId :
PB169801BS

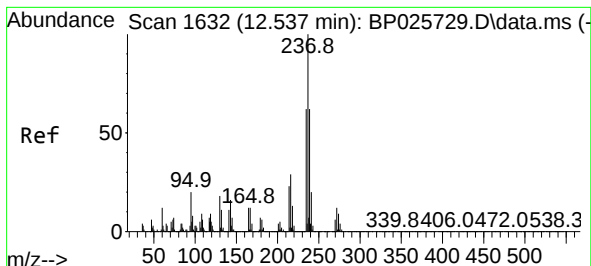
Tgt Ion:164 Resp: 442688
Ion Ratio Lower Upper
164 100
162 98.7 80.6 120.8
160 42.7 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.963 ng
RT: 12.548 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:216 Resp: 670235
Ion Ratio Lower Upper
216 100
214 77.9 62.4 93.6
179 20.4 17.0 25.6
108 17.3 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 87.583 ng

RT: 12.525 min Scan# 1630

Delta R.T. -0.012 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

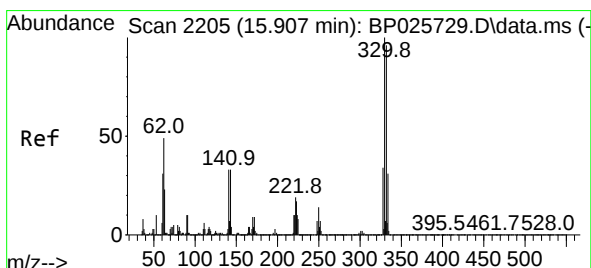
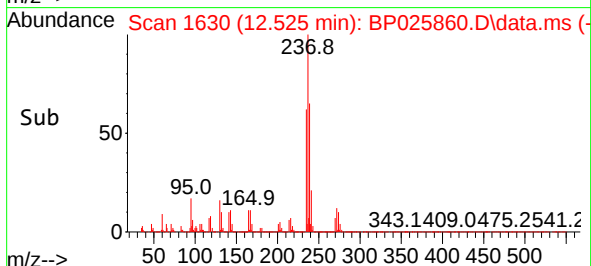
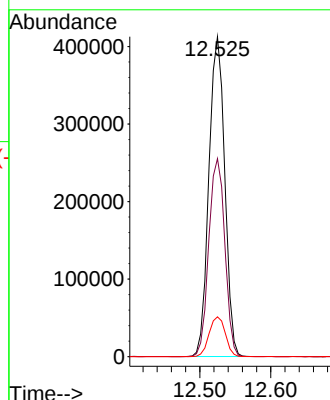
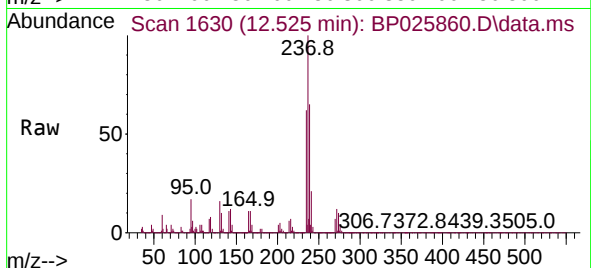
Tgt Ion:237 Resp: 639893

Ion Ratio Lower Upper

237 100

235 61.9 41.9 81.9

272 12.4 0.0 31.8



#42

2,4,6-Tribromophenol

Concen: 132.836 ng

RT: 15.895 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

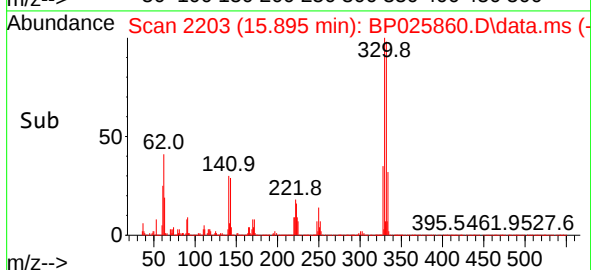
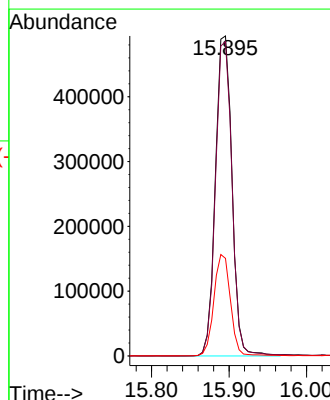
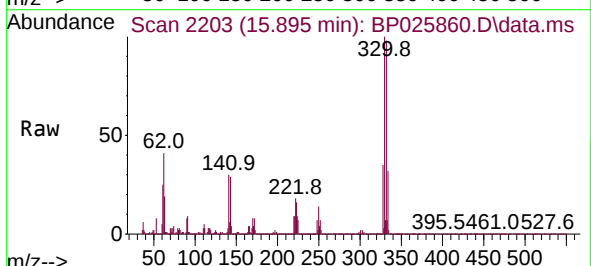
Tgt Ion:330 Resp: 733473

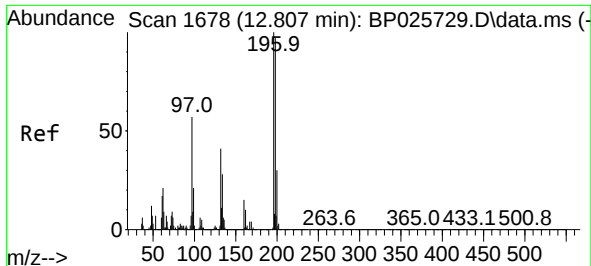
Ion Ratio Lower Upper

330 100

332 97.9 76.9 115.3

141 31.6 31.0 46.4

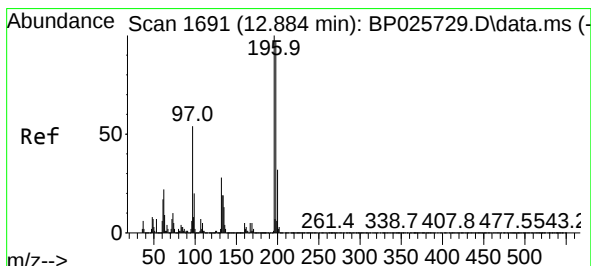
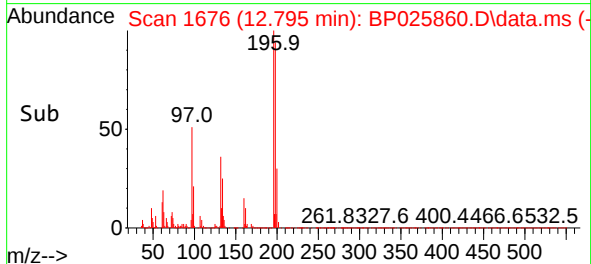
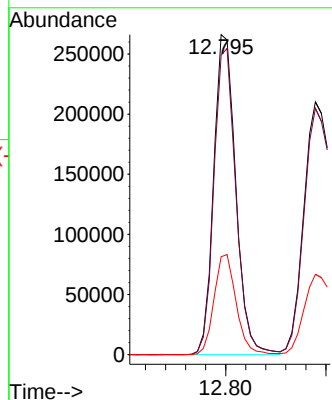
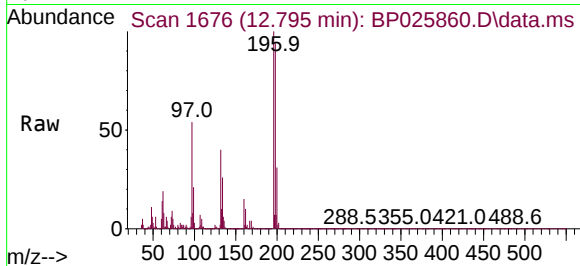




#43
2,4,6-Trichlorophenol
Concen: 46.338 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

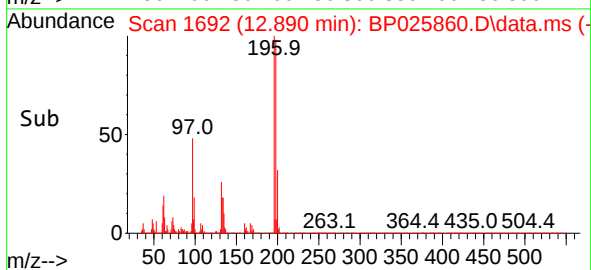
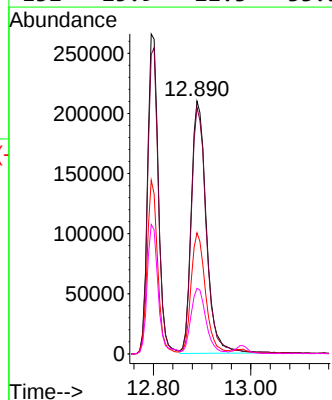
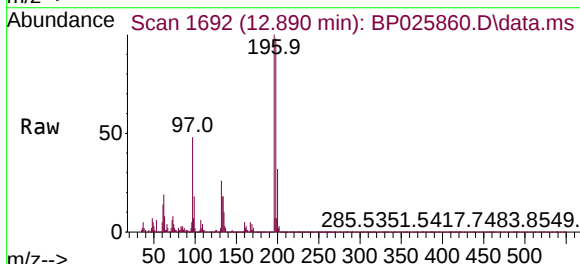
Instrument :
BNA_P
ClientSampleId :
PB169801BS

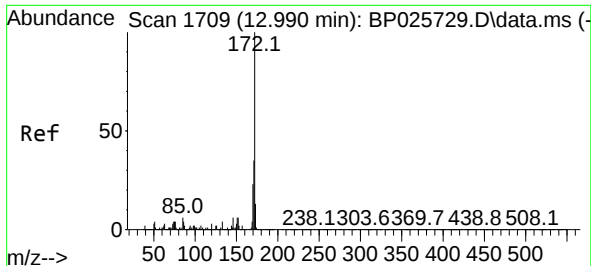
Tgt Ion:196 Resp: 408641
Ion Ratio Lower Upper
196 100
198 93.6 77.2 115.8
200 30.6 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 46.056 ng
RT: 12.890 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:196 Resp: 452025
Ion Ratio Lower Upper
196 100
198 97.5 77.8 116.8
97 47.9 43.3 64.9
132 25.9 22.3 33.5

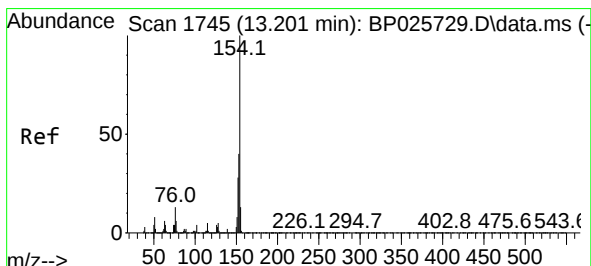
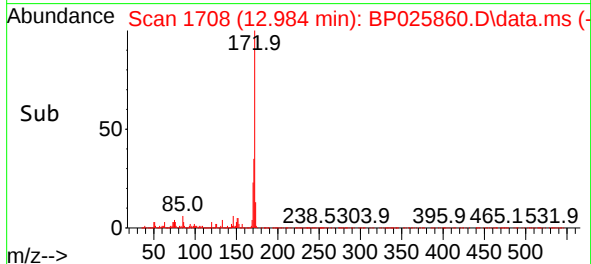
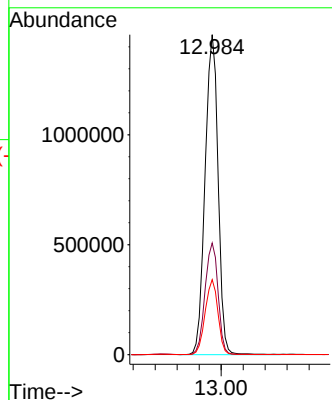
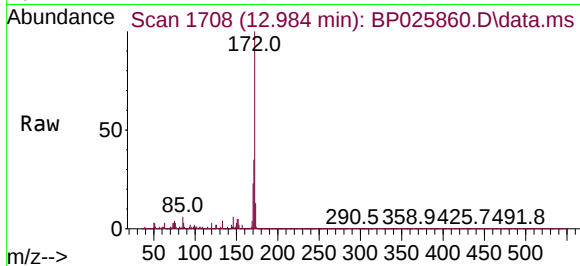




#45
2-Fluorobiphenyl
Concen: 71.730 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

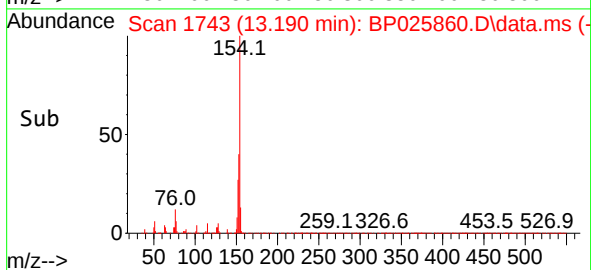
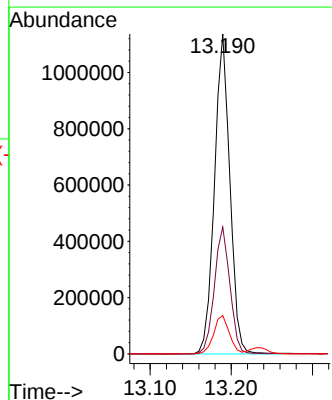
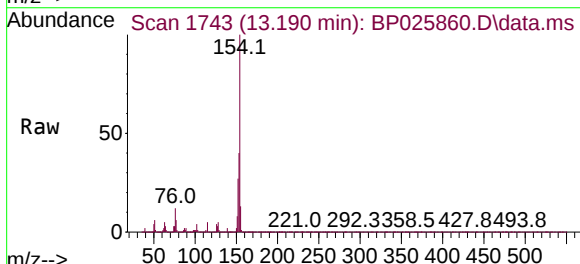
Instrument :
BNA_P
ClientSampleId :
PB169801BS

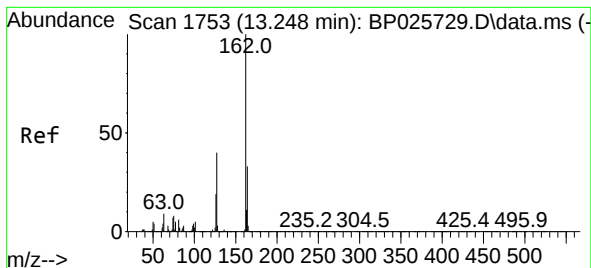
Tgt Ion:172 Resp: 2384822
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 46.120 ng
RT: 13.190 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:154 Resp: 1498589
Ion Ratio Lower Upper
154 100
153 39.6 19.7 59.7
76 12.0 0.0 33.3

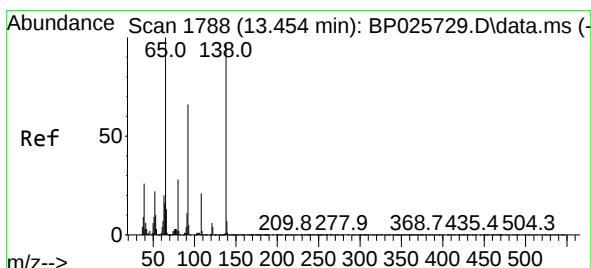
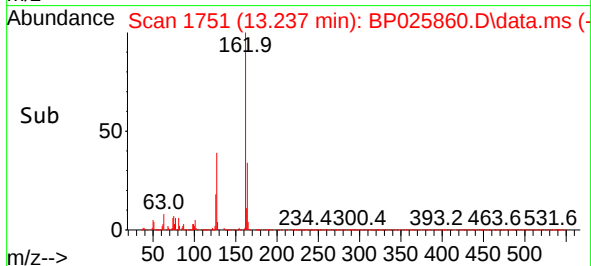
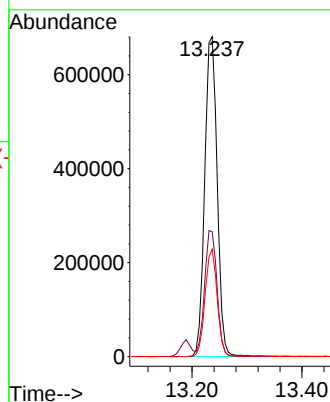
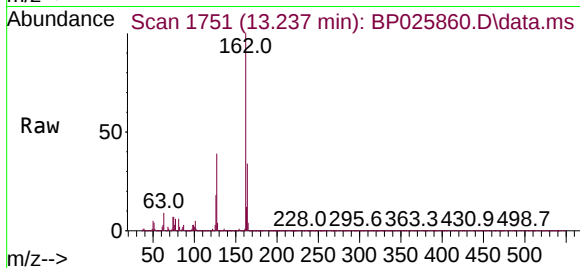




#47
2-Chloronaphthalene
Concen: 41.962 ng
RT: 13.237 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

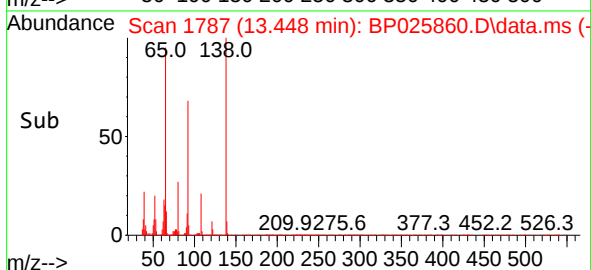
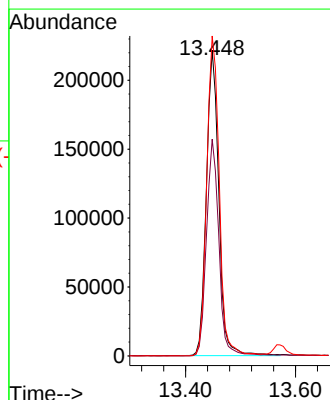
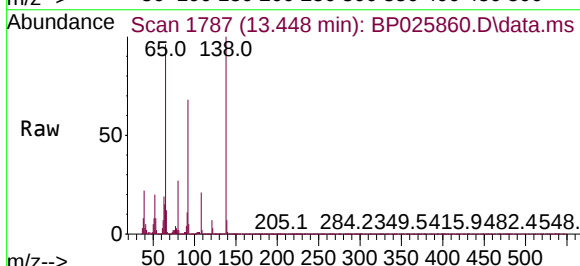
Instrument :
BNA_P
ClientSampleId :
PB169801BS

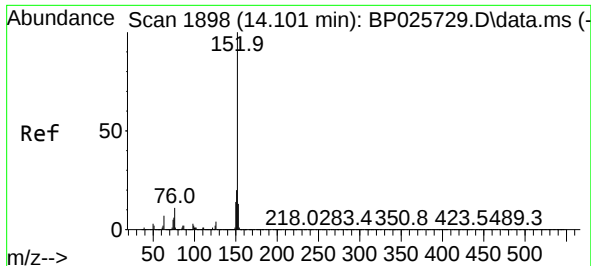
Tgt Ion:162 Resp: 1073605
Ion Ratio Lower Upper
162 100
127 39.1 32.2 48.4
164 33.5 26.5 39.7



#48
2-Nitroaniline
Concen: 40.750 ng
RT: 13.448 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion: 65 Resp: 347544
Ion Ratio Lower Upper
65 100
92 70.9 53.1 79.7
138 104.7 77.8 116.8

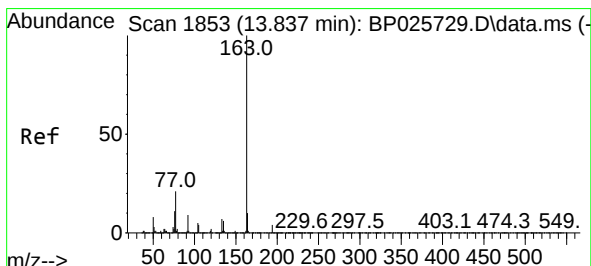
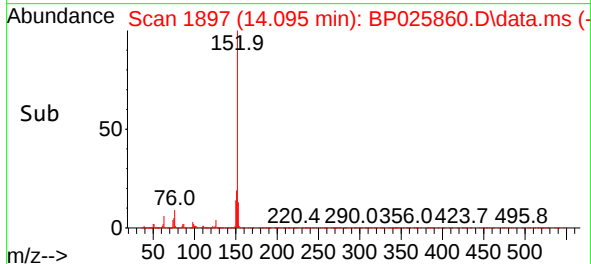
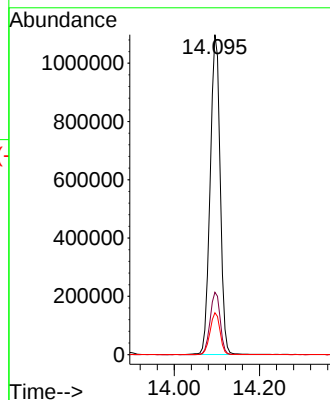
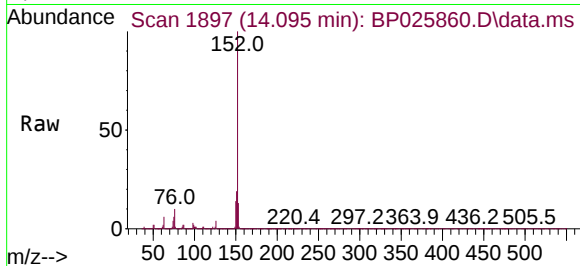




#49
Acenaphthylene
Concen: 42.107 ng
RT: 14.095 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

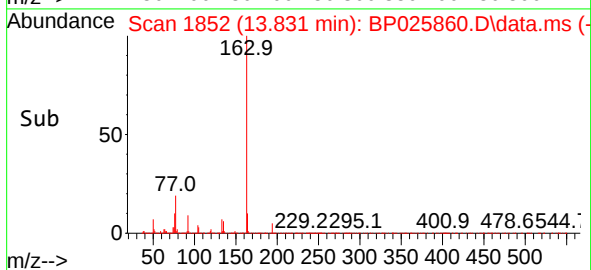
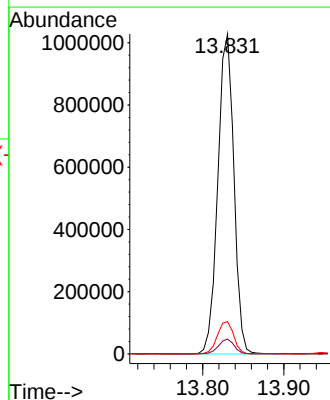
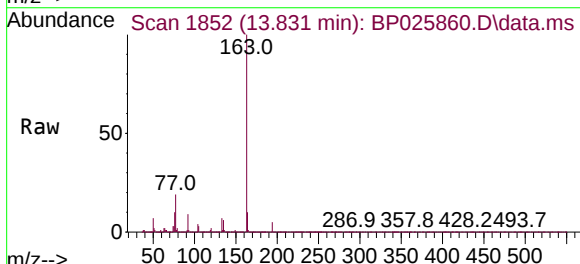
Instrument :
BNA_P
ClientSampleId :
PB169801BS

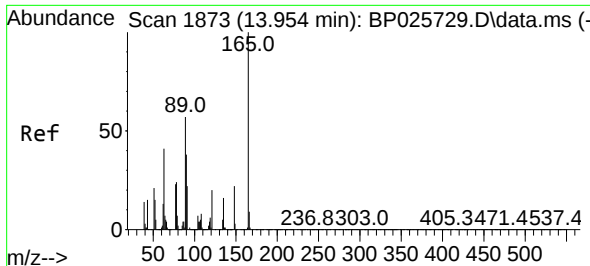
Tgt Ion:152 Resp: 1785024
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 41.710 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:163 Resp: 1409718
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.1 8.2 12.2

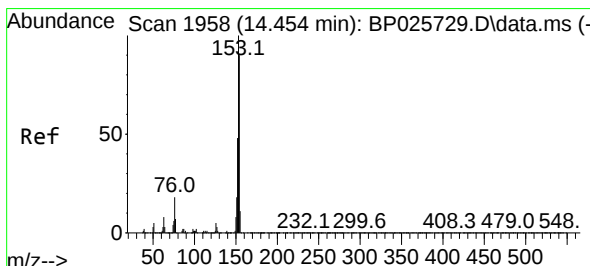
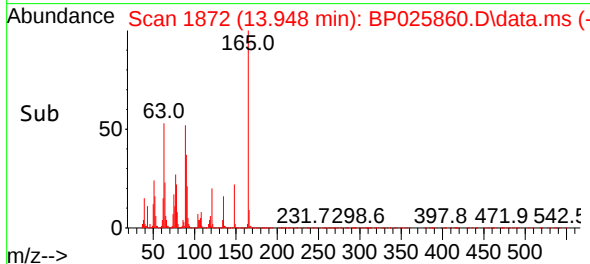
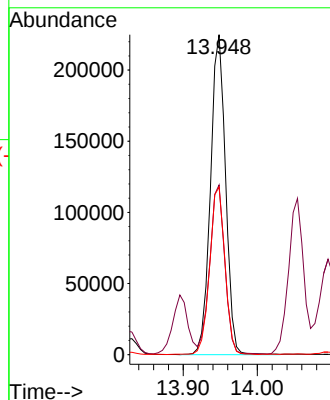
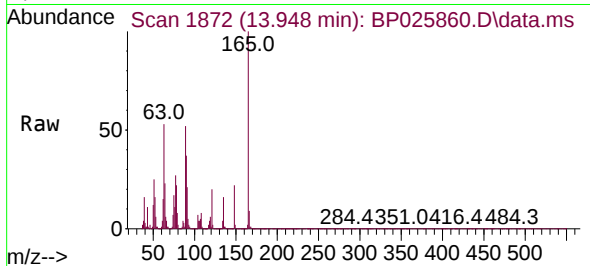




#51
2,6-Dinitrotoluene
Concen: 44.368 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

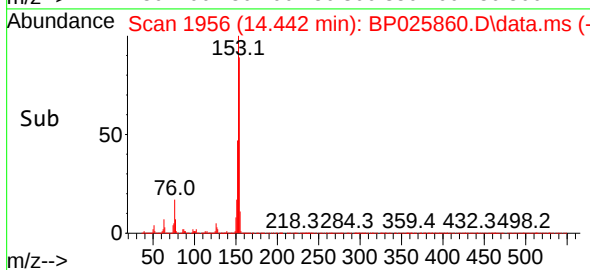
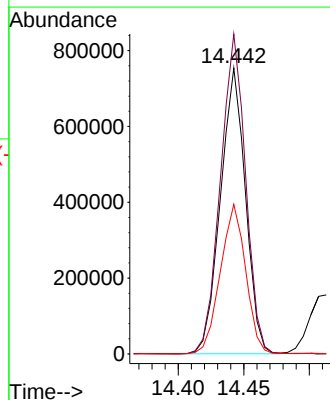
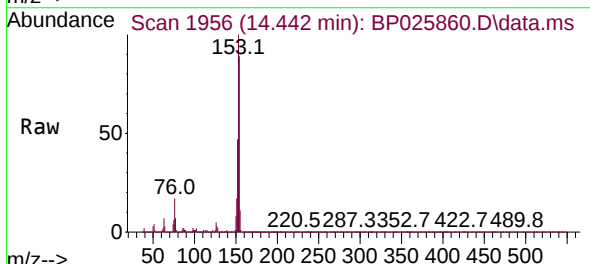
Instrument :
BNA_P
ClientSampleId :
PB169801BS

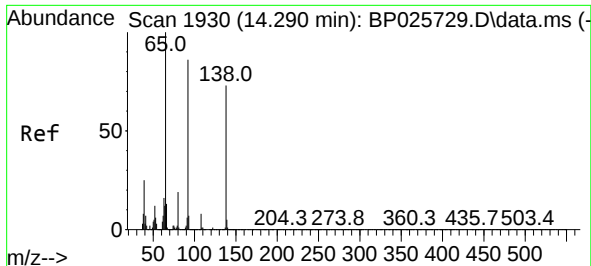
Tgt Ion:165 Resp: 317697
Ion Ratio Lower Upper
165 100
63 53.0 48.1 72.1
89 52.4 45.4 68.0



#52
Acenaphthene
Concen: 41.047 ng
RT: 14.442 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:154 Resp: 1003491
Ion Ratio Lower Upper
154 100
153 111.9 89.4 134.0
152 52.3 42.5 63.7

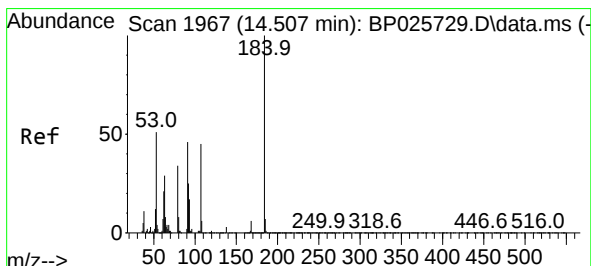
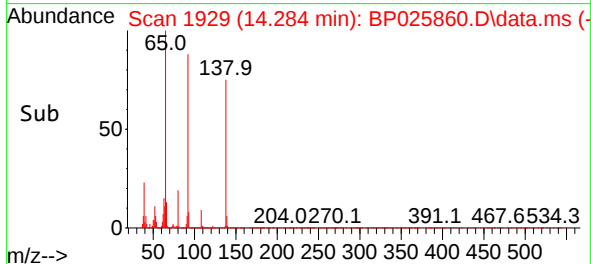
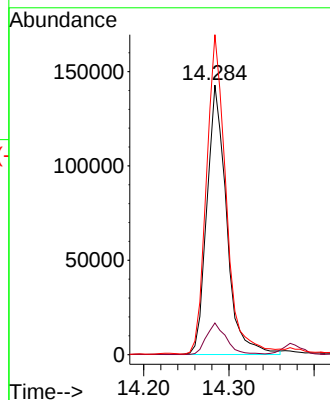
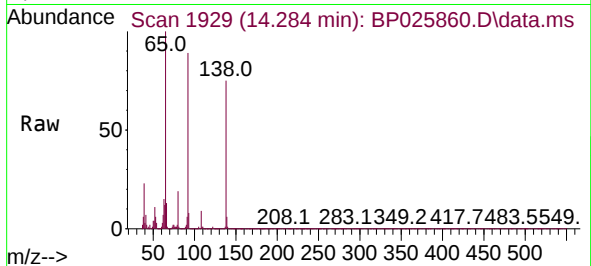




#53
3-Nitroaniline
Concen: 30.490 ng
RT: 14.284 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

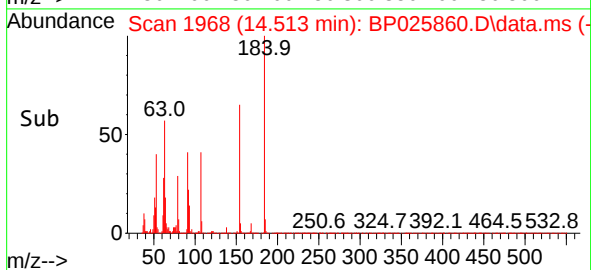
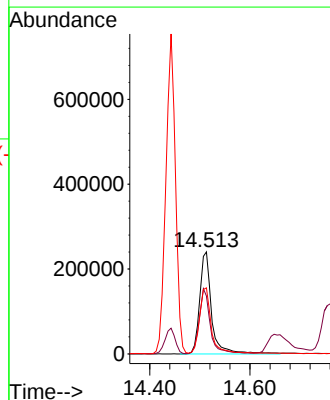
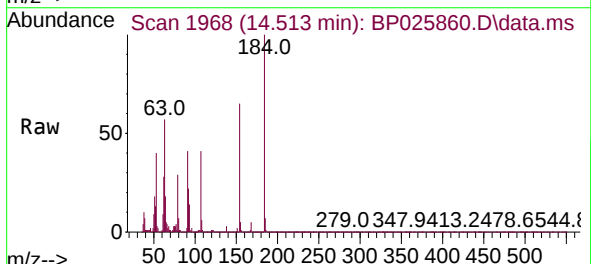
Instrument :
BNA_P
ClientSampleId :
PB169801BS

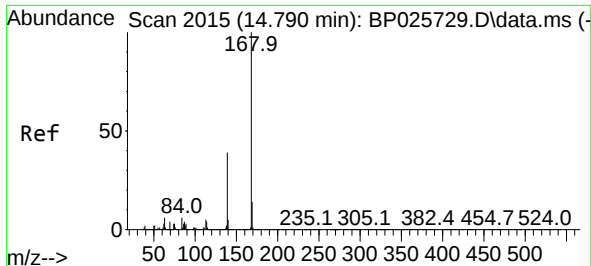
Tgt Ion:138 Resp: 229587
Ion Ratio Lower Upper
138 100
108 11.7 8.7 13.1
92 118.7 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 84.643 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:184 Resp: 395454
Ion Ratio Lower Upper
184 100
63 56.7 52.5 78.7
154 64.7 51.5 77.3

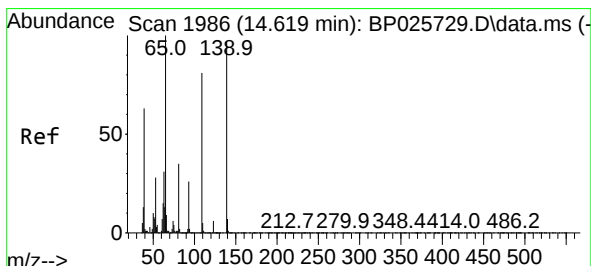
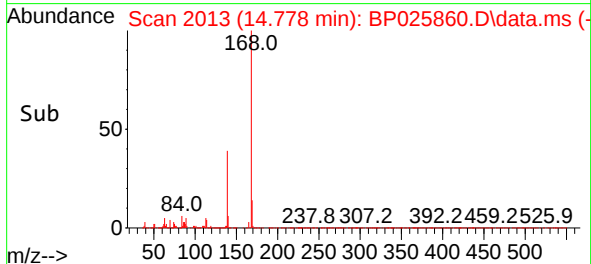
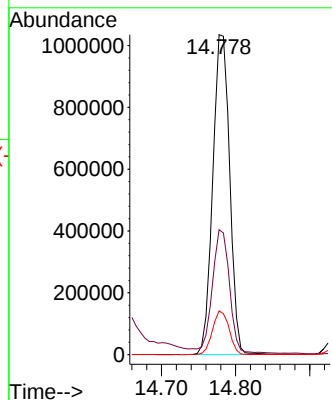
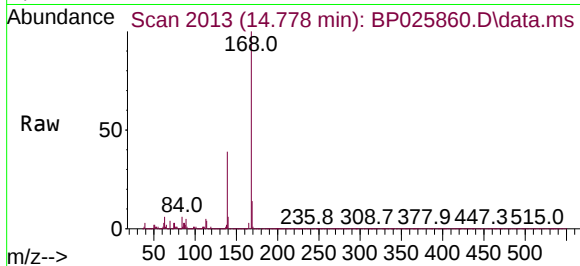




#55
Dibenzofuran
Concen: 41.154 ng
RT: 14.778 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

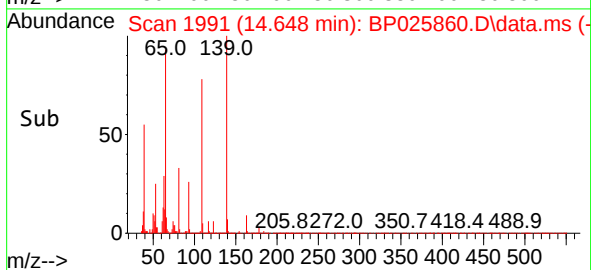
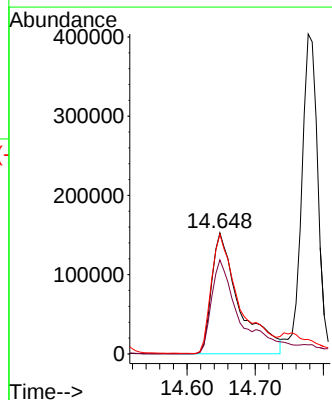
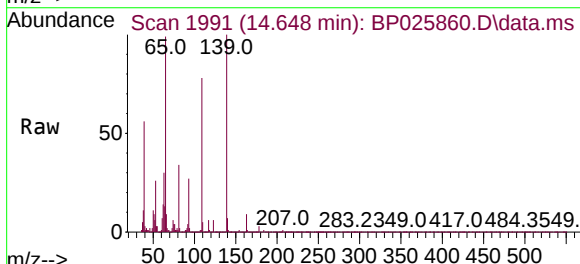
Instrument :
BNA_P
ClientSampleId :
PB169801BS

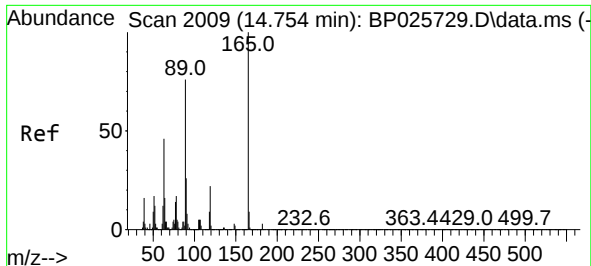
Tgt Ion:168 Resp: 1639768
Ion Ratio Lower Upper
168 100
139 39.0 31.7 47.5
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 67.532 ng
RT: 14.648 min Scan# 1991
Delta R.T. 0.029 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:139 Resp: 433110
Ion Ratio Lower Upper
139 100
109 77.7 62.9 102.9
65 98.8 83.4 123.4

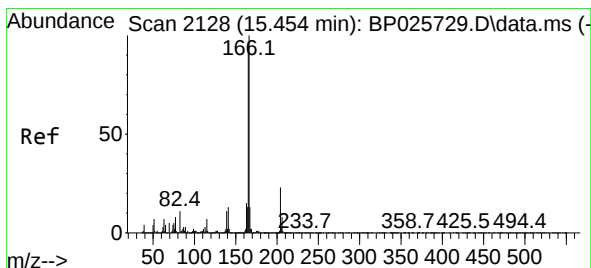
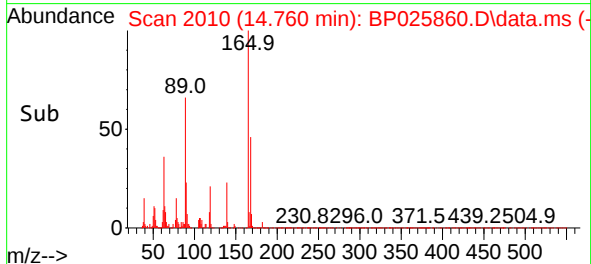
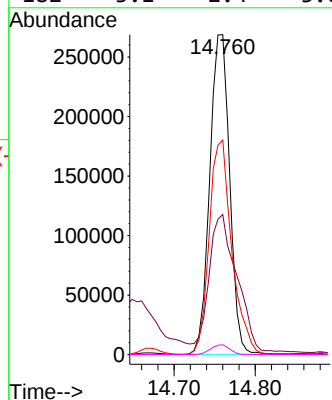
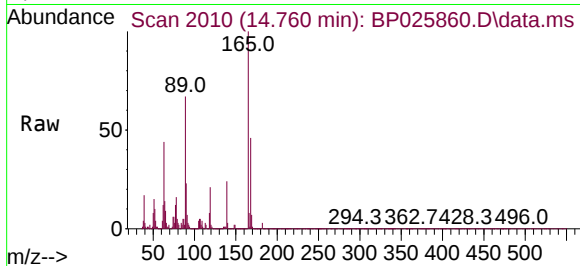




#57
2,4-Dinitrotoluene
Concen: 44.947 ng
RT: 14.760 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

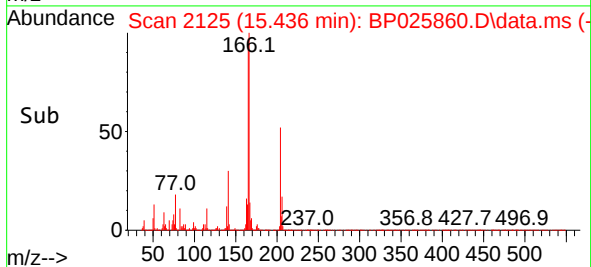
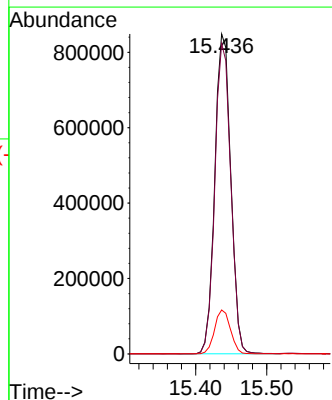
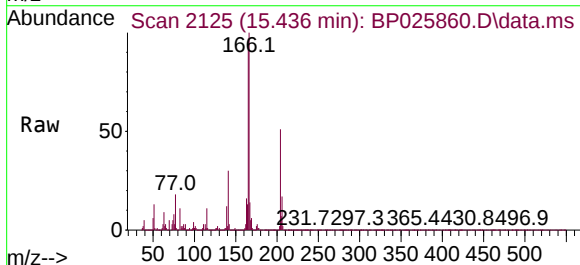
Instrument :
BNA_P
ClientSampleId :
PB169801BS

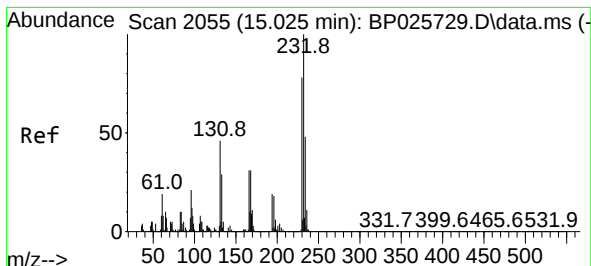
Tgt Ion:165 Resp: 458036
Ion Ratio Lower Upper
165 100
63 43.8 37.7 56.5
89 67.1 61.0 91.6
182 3.1 2.4 3.6



#58
Fluorene
Concen: 42.046 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:166 Resp: 1332166
Ion Ratio Lower Upper
166 100
165 97.0 77.7 116.5
167 13.7 10.6 16.0

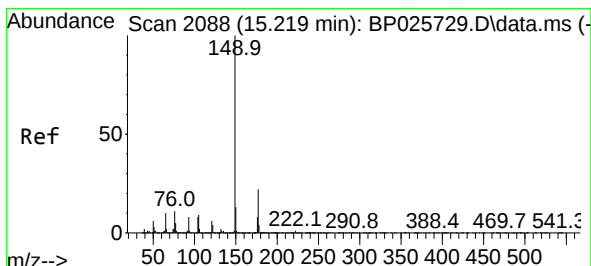
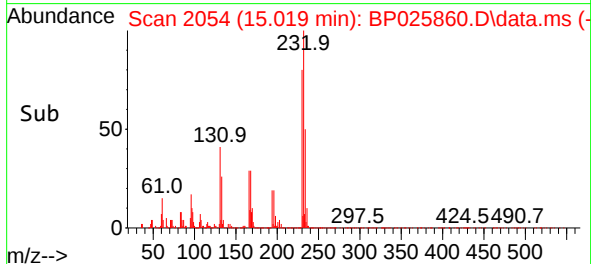
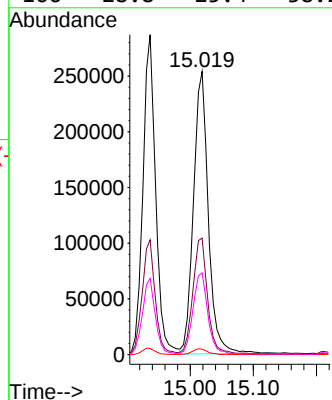
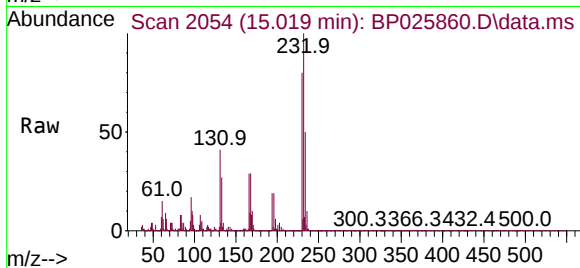




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.715 ng
RT: 15.019 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

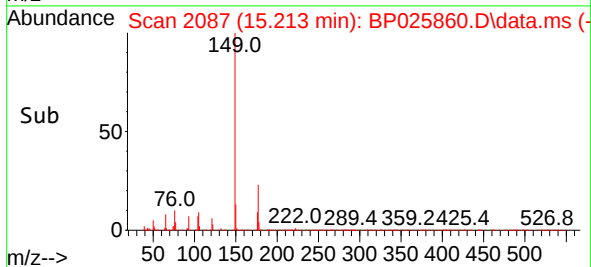
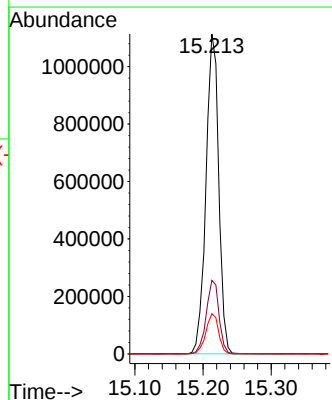
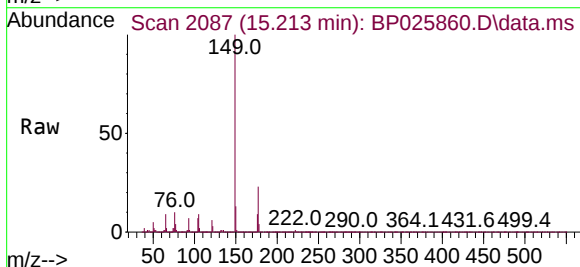
Instrument :
BNA_P
ClientSampleId :
PB169801BS

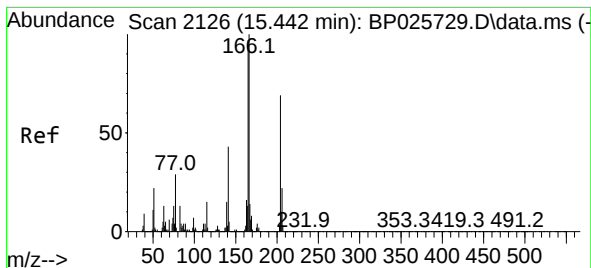
Tgt Ion:232 Resp: 413020
Ion Ratio Lower Upper
232 100
131 40.0 36.7 55.1
130 2.1 2.0 3.0
166 28.8 25.4 38.2



#60
Diethylphthalate
Concen: 42.230 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:149 Resp: 1447773
Ion Ratio Lower Upper
149 100
177 23.0 17.7 26.5
150 12.6 10.0 15.0

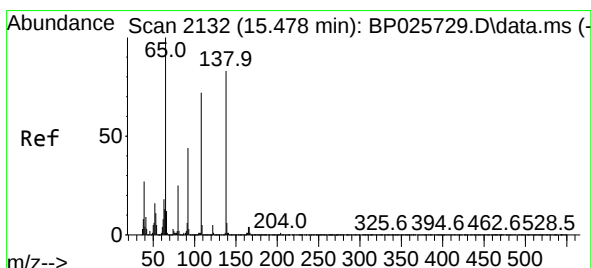
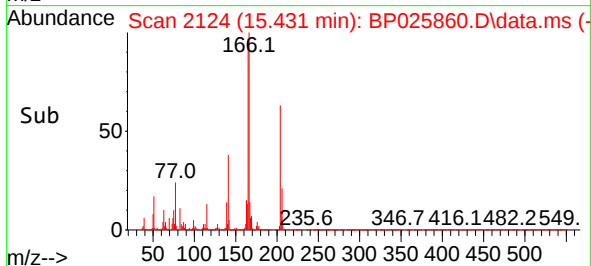
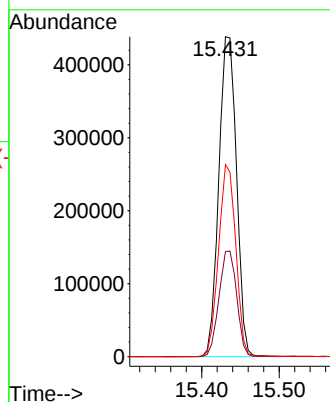
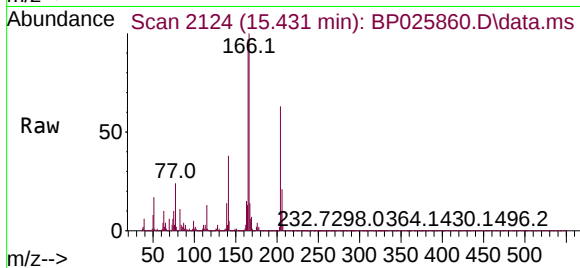




#61
4-Chlorophenyl-phenylether
Concen: 43.666 ng
RT: 15.431 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

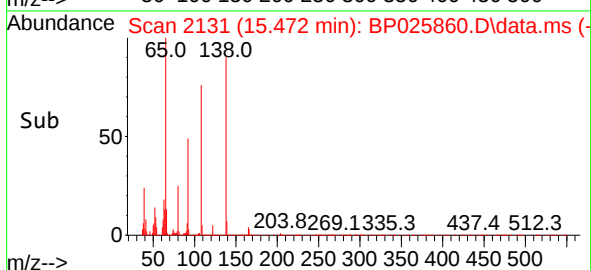
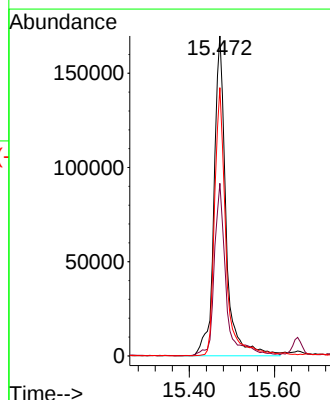
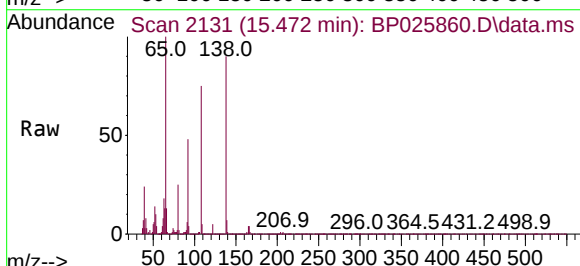
Instrument :
BNA_P
ClientSampleId :
PB169801BS

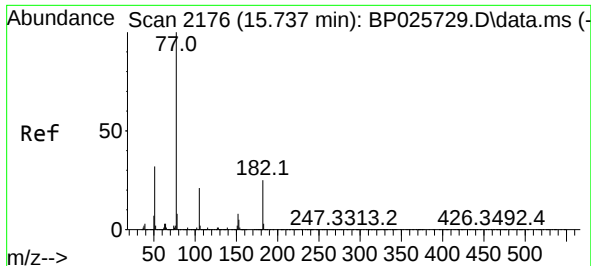
Tgt Ion:204 Resp: 697248
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 60.0 49.7 74.5



#62
4-Nitroaniline
Concen: 43.089 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:138 Resp: 332399
Ion Ratio Lower Upper
138 100
92 53.9 33.3 73.3
108 83.8 66.7 106.7



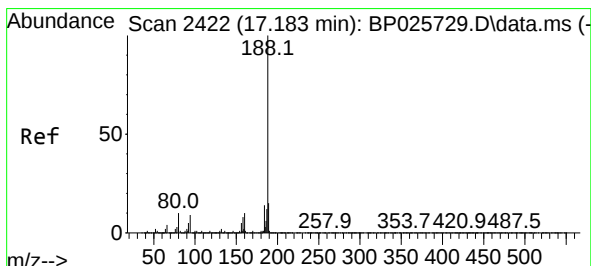
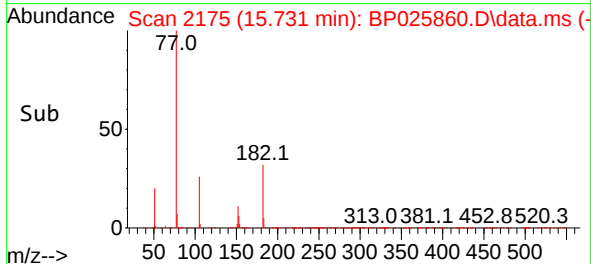
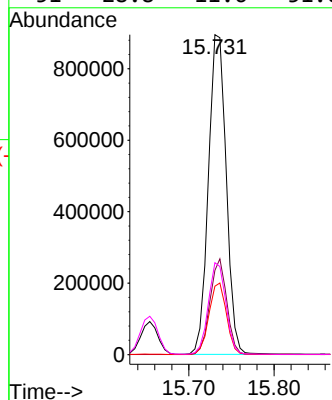
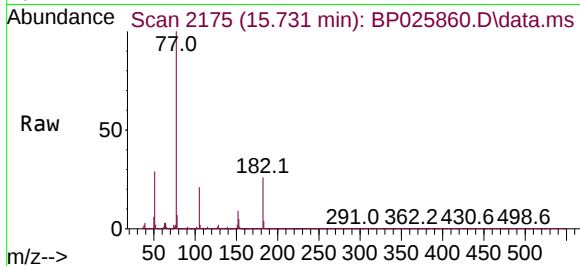


#63
Azobenzene
Concen: 39.220 ng
RT: 15.731 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Instrument :
BNA_P
ClientSampleId :
PB169801BS

Tgt Ion: 77 Resp: 1300102

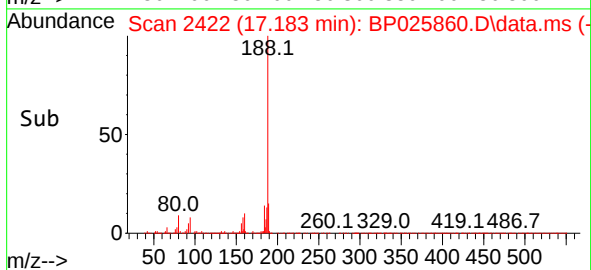
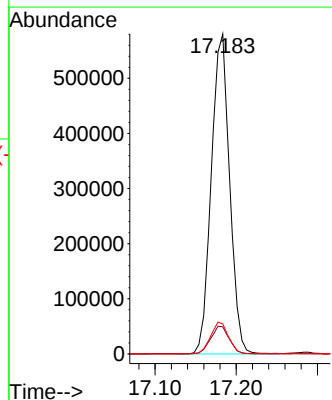
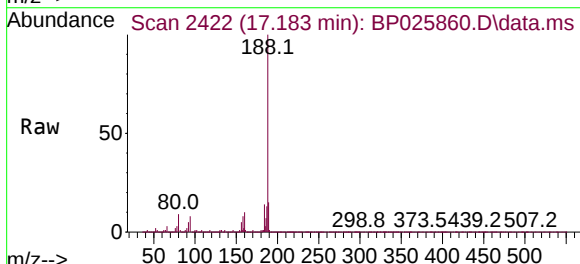
Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.2	45.2
105	21.4	1.1	41.1
51	28.8	11.6	51.6

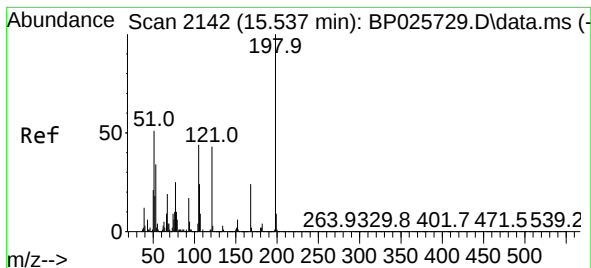


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion: 188 Resp: 910623

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.0
80	9.4	7.7	11.5

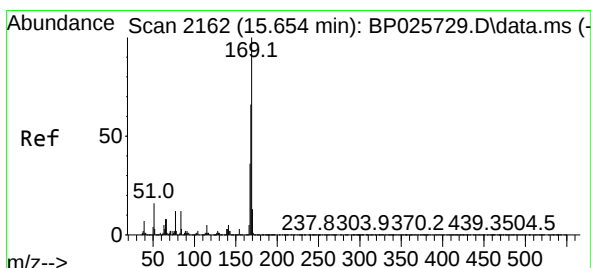
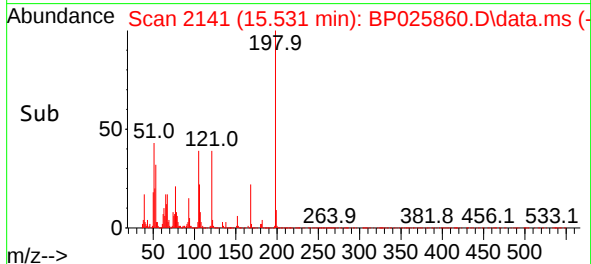
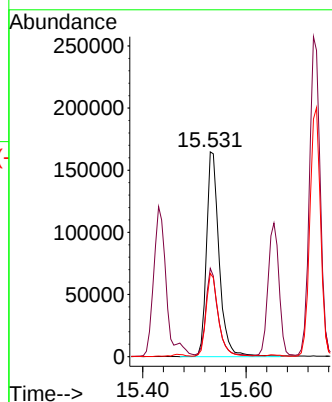
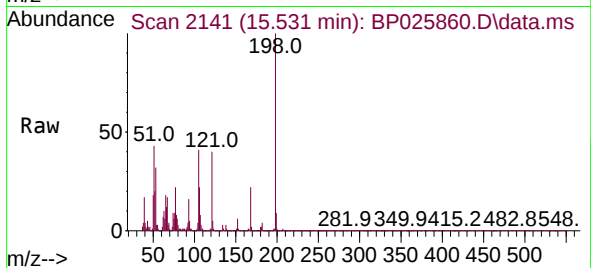




#65
4,6-Dinitro-2-methylphenol
Concen: 46.072 ng
RT: 15.531 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

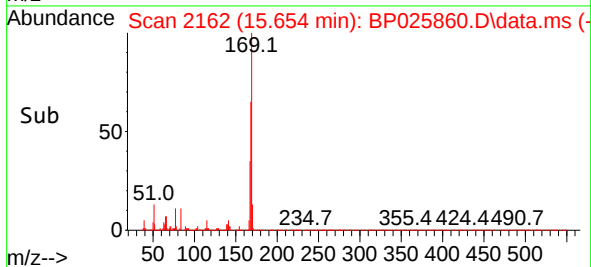
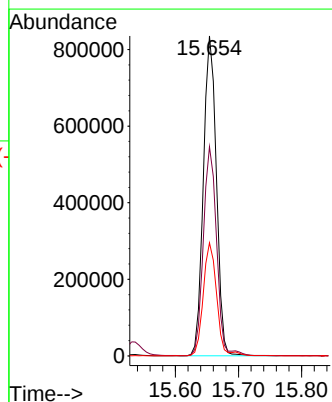
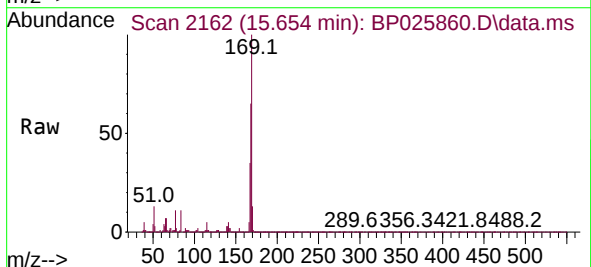
Instrument :
BNA_P
ClientSampleId :
PB169801BS

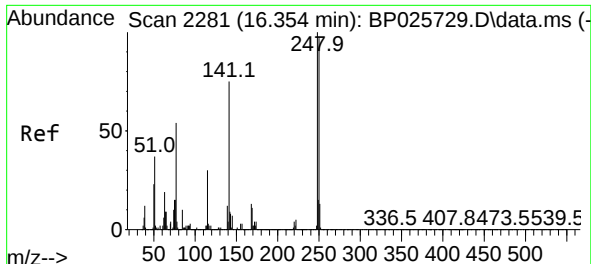
Tgt Ion:198 Resp: 279007
Ion Ratio Lower Upper
198 100
51 43.1 33.4 73.4
105 40.6 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 42.948 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:169 Resp: 1196839
Ion Ratio Lower Upper
169 100
168 65.4 52.6 78.8
167 35.3 28.5 42.7

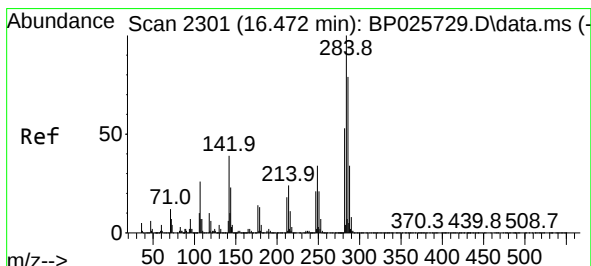
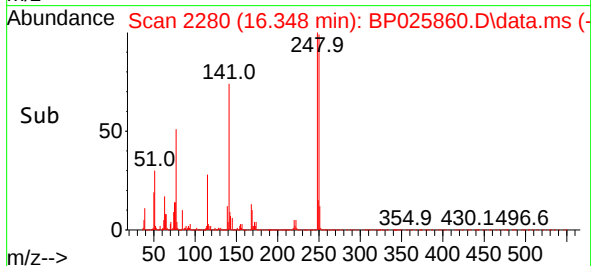
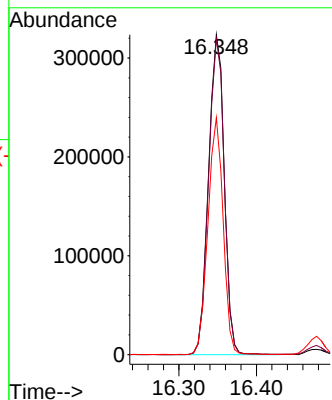
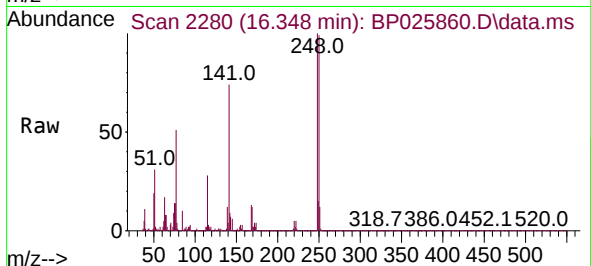




#67
4-Bromophenyl-phenylether
Concen: 45.667 ng
RT: 16.348 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

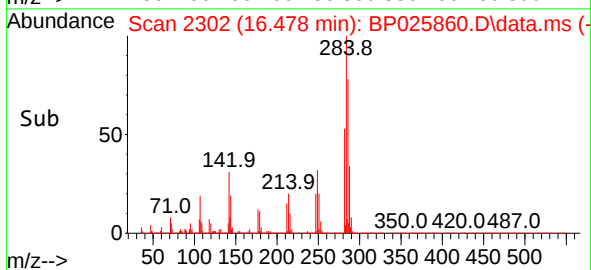
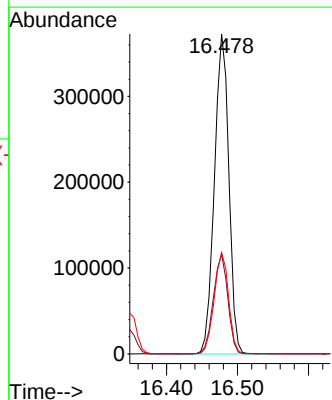
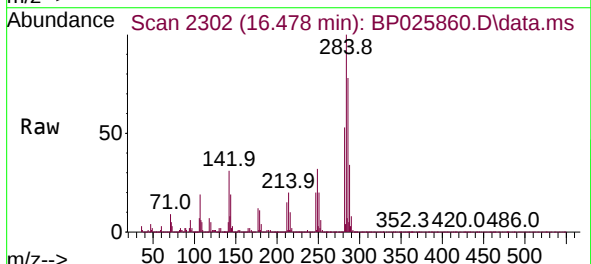
Instrument :
BNA_P
ClientSampleId :
PB169801BS

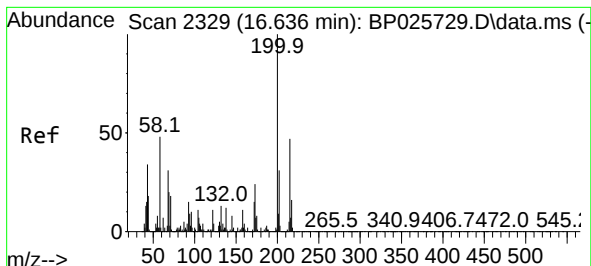
Tgt Ion:248 Resp: 456847
Ion Ratio Lower Upper
248 100
250 98.7 77.5 116.3
141 74.0 60.2 90.4



#68
Hexachlorobenzene
Concen: 47.099 ng
RT: 16.478 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:284 Resp: 525442
Ion Ratio Lower Upper
284 100
142 31.1 31.3 46.9#
249 31.7 27.3 40.9





#69

Atrazine

Concen: 45.285 ng

RT: 16.631 min Scan# 2329

Delta R.T. -0.006 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

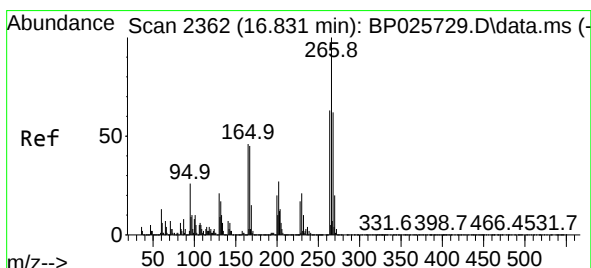
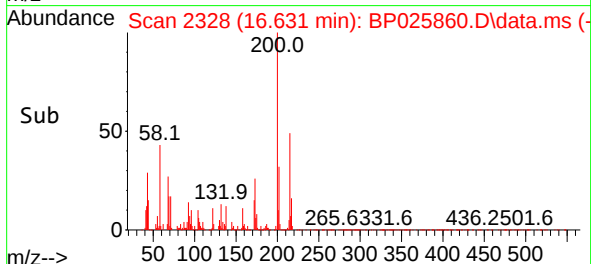
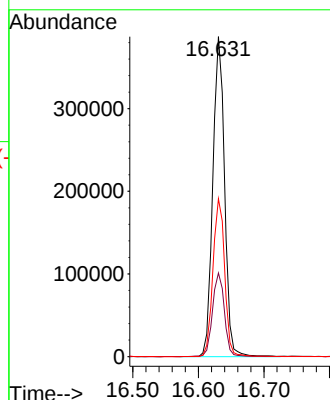
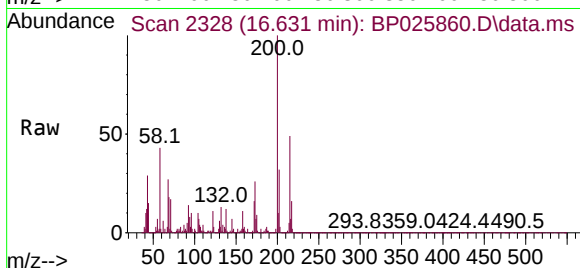
Tgt Ion:200 Resp: 482387

Ion Ratio Lower Upper

200 100

173 26.1 4.2 44.2

215 49.3 27.3 67.3



#70

Pentachlorophenol

Concen: 90.969 ng

RT: 16.836 min Scan# 2363

Delta R.T. 0.006 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

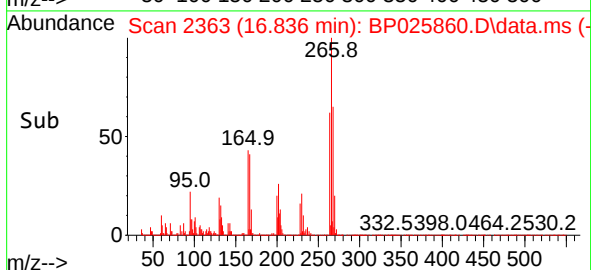
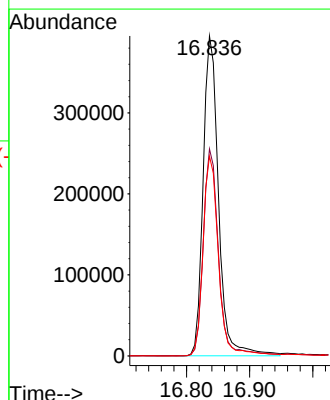
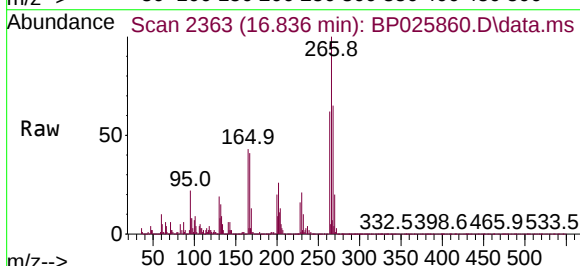
Tgt Ion:266 Resp: 669805

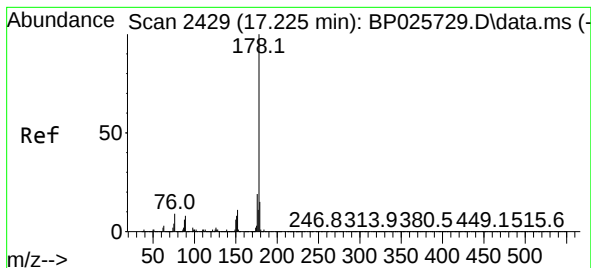
Ion Ratio Lower Upper

266 100

268 64.7 49.8 74.8

264 62.4 50.2 75.2





#71

Phenanthrene

Concen: 41.636 ng

RT: 17.225 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

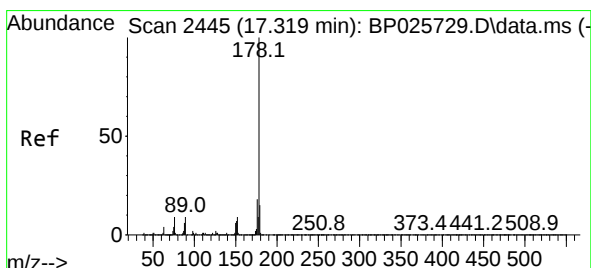
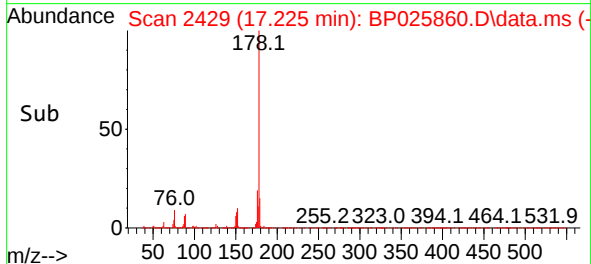
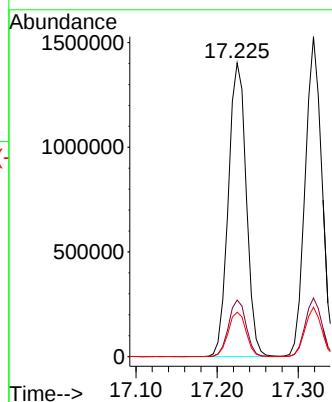
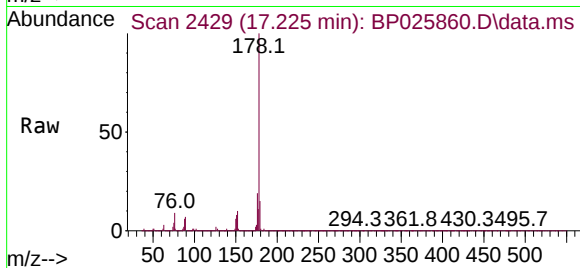
Tgt Ion:178 Resp: 2150718

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.1 12.2 18.4



#72

Anthracene

Concen: 41.604 ng

RT: 17.319 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

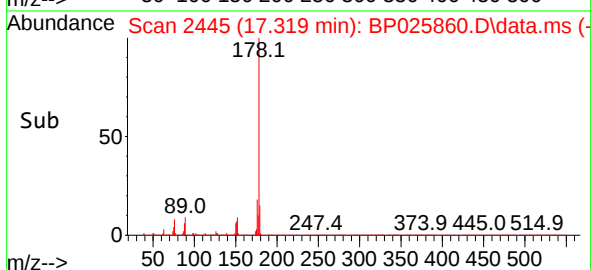
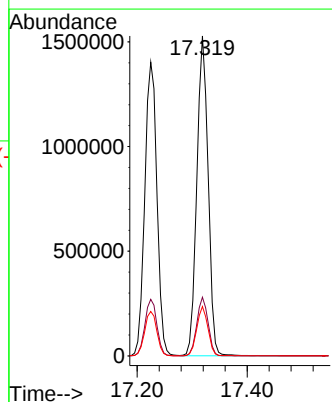
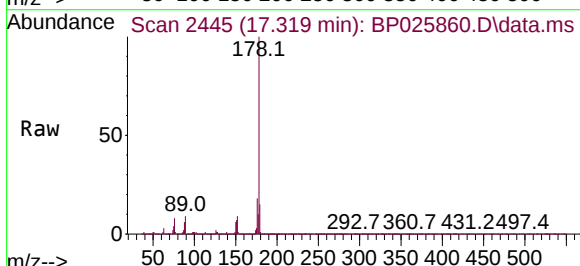
Tgt Ion:178 Resp: 2180507

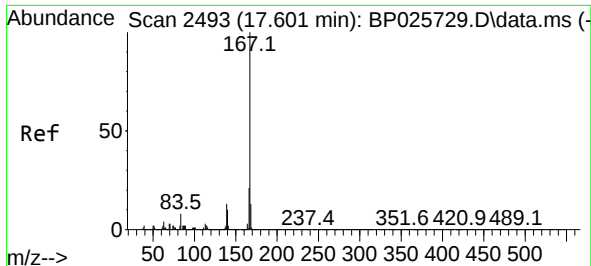
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 15.4 12.2 18.4

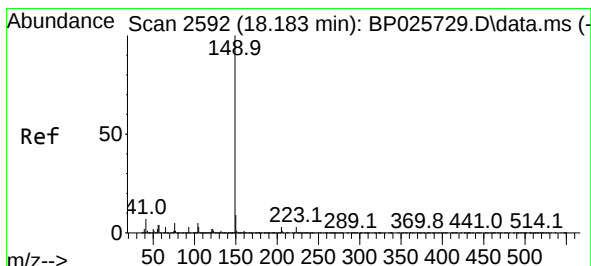
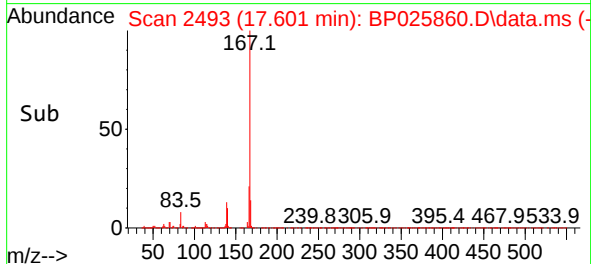
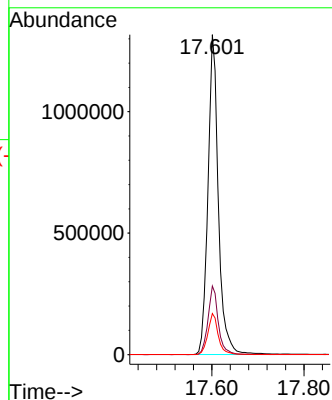
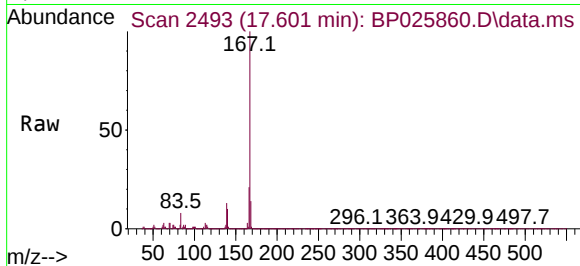




#73
 Carbazole
 Concen: 42.273 ng
 RT: 17.601 min Scan# 2493
 Delta R.T. -0.000 min
 Lab File: BP025860.D
 Acq: 25 Sep 2025 15:24

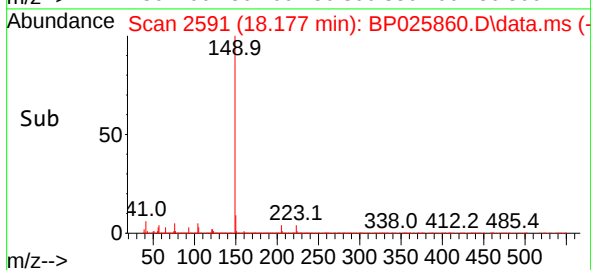
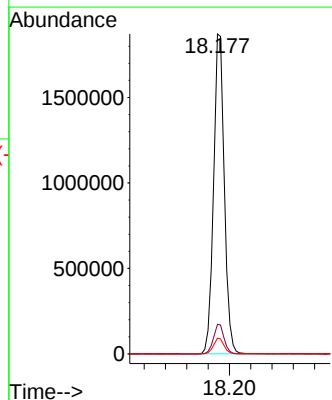
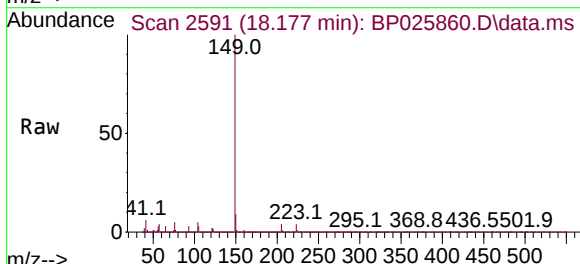
Instrument :
 BNA_P
 ClientSampleId :
 PB169801BS

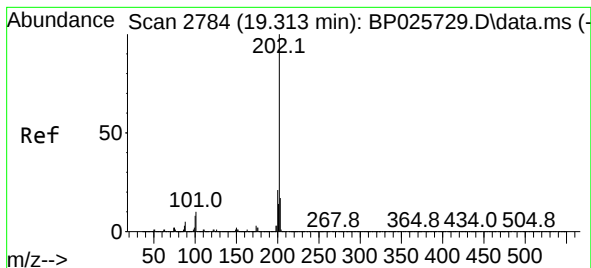
Tgt Ion:167 Resp: 2059822
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 43.824 ng
 RT: 18.177 min Scan# 2591
 Delta R.T. -0.006 min
 Lab File: BP025860.D
 Acq: 25 Sep 2025 15:24

Tgt Ion:149 Resp: 2620561
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 42.487 ng

RT: 19.313 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

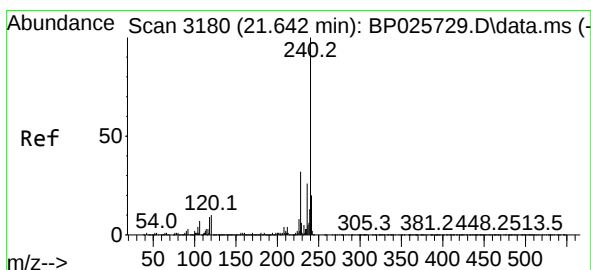
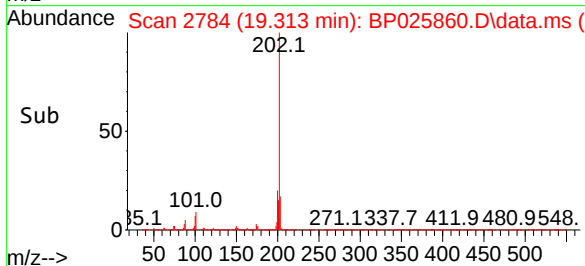
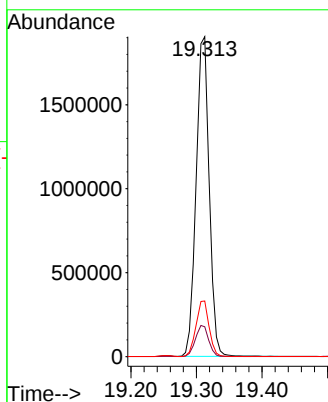
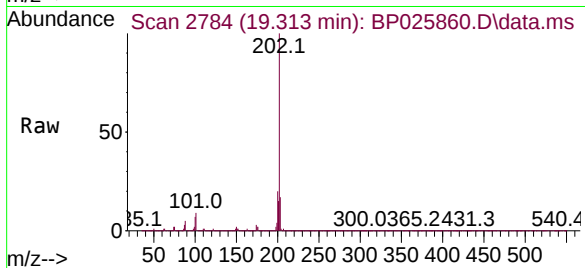
Tgt Ion:202 Resp: 2632163

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.4

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.012 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

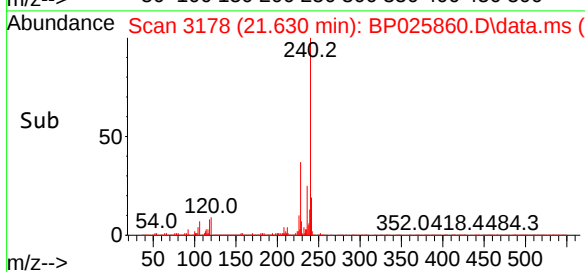
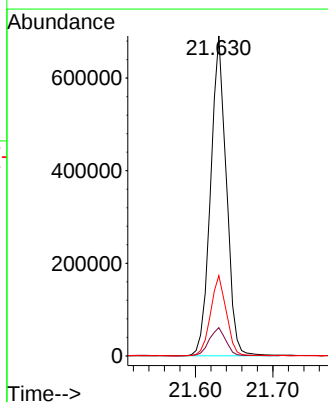
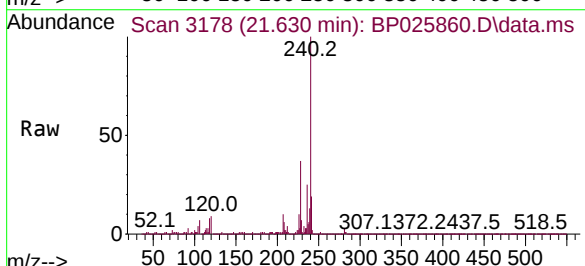
Tgt Ion:240 Resp: 975077

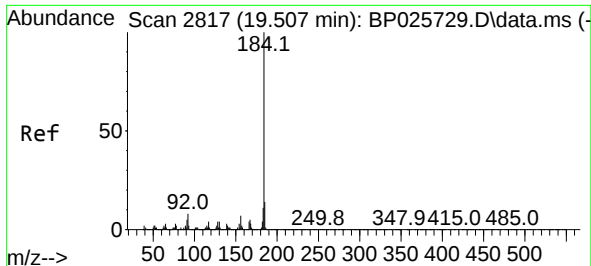
Ion Ratio Lower Upper

240 100

120 8.8 8.0 12.0

236 25.1 20.7 31.1

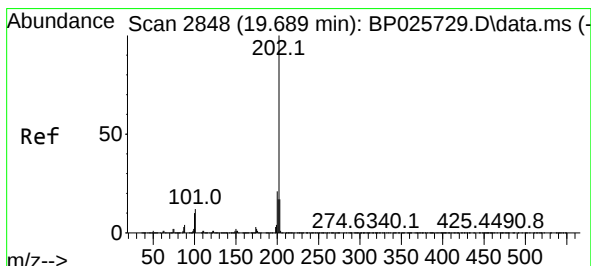
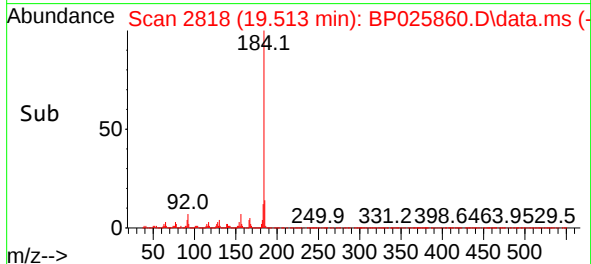
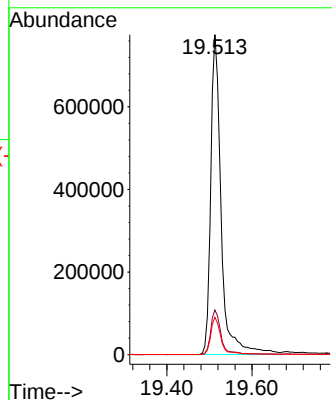
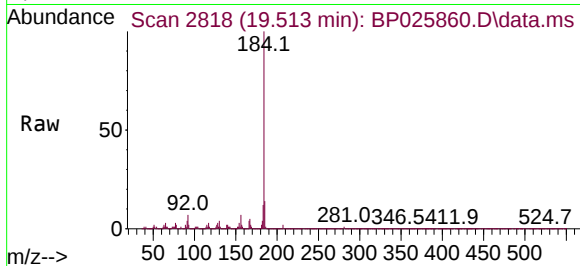




#77
Benzidine
Concen: 47.007 ng
RT: 19.513 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

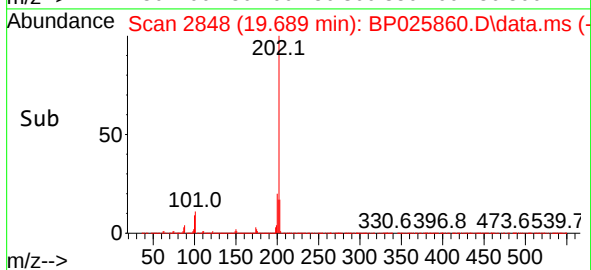
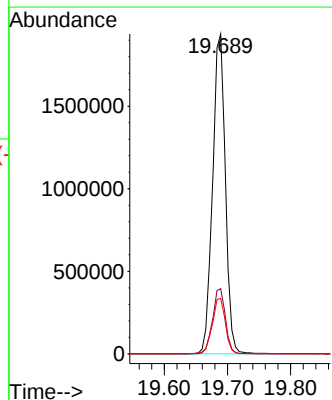
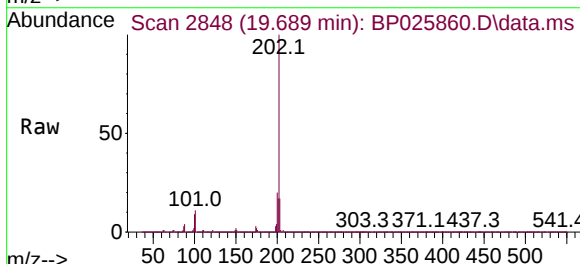
Instrument :
BNA_P
ClientSampleId :
PB169801BS

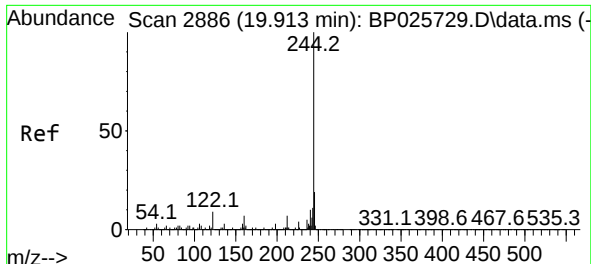
Tgt Ion:184 Resp: 1320294
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.7 9.2 13.8



#78
Pyrene
Concen: 41.934 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.000 min
Lab File: BP025860.D
Acq: 25 Sep 2025 15:24

Tgt Ion:202 Resp: 2728331
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 17.3 13.9 20.9

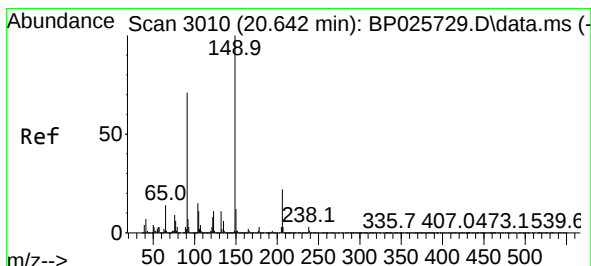
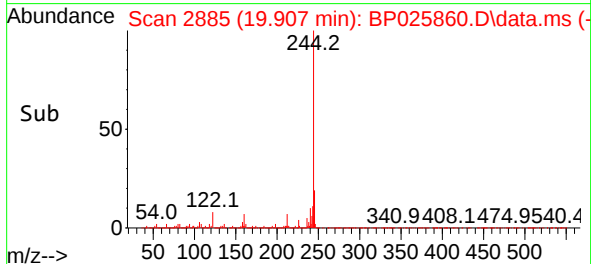
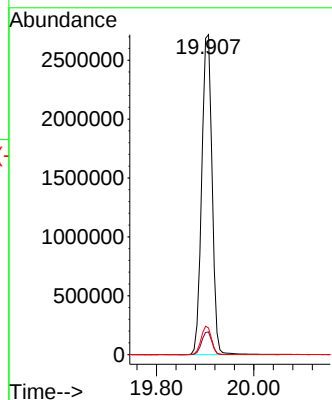
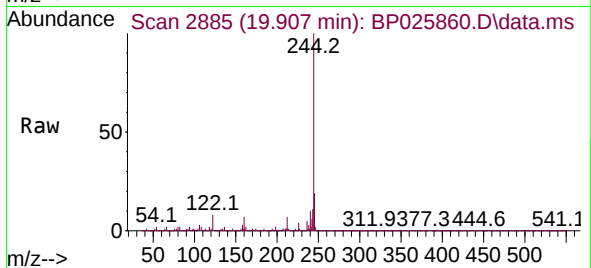




#79
 Terphenyl-d14
 Concen: 73.681 ng
 RT: 19.907 min Scan# 2886
 Delta R.T. -0.006 min
 Lab File: BP025860.D
 Acq: 25 Sep 2025 15:24

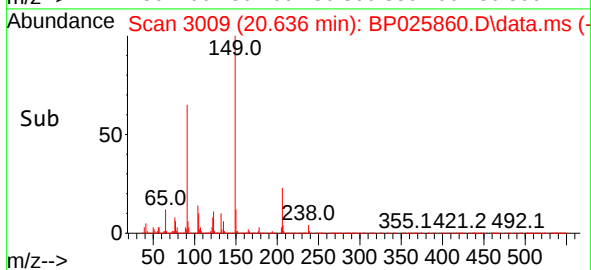
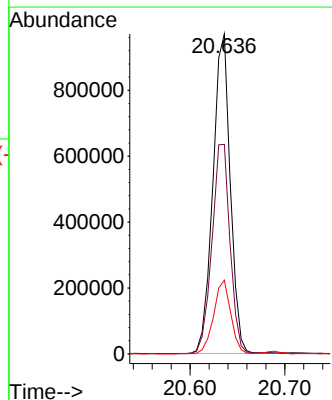
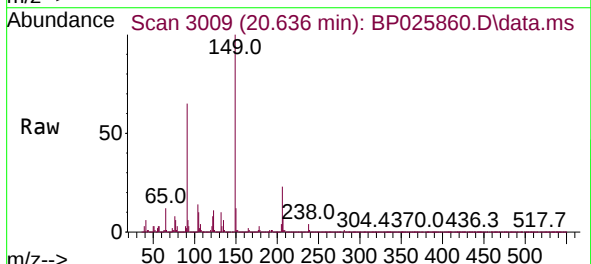
Instrument :
 BNA_P
 ClientSampleId :
 PB169801BS

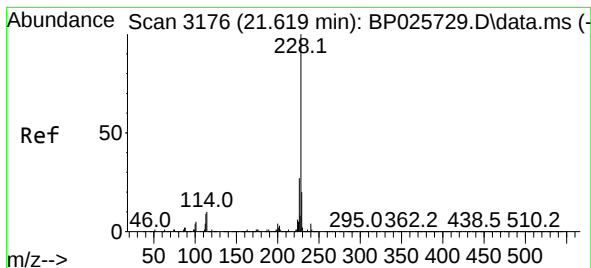
Tgt Ion:244 Resp: 3993633
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.3 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 43.460 ng
 RT: 20.636 min Scan# 3009
 Delta R.T. -0.006 min
 Lab File: BP025860.D
 Acq: 25 Sep 2025 15:24

Tgt Ion:149 Resp: 1239793
 Ion Ratio Lower Upper
 149 100
 91 65.5 56.6 85.0
 206 23.0 17.4 26.0





#81

Benzo(a)anthracene

Concen: 41.856 ng

RT: 21.613 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

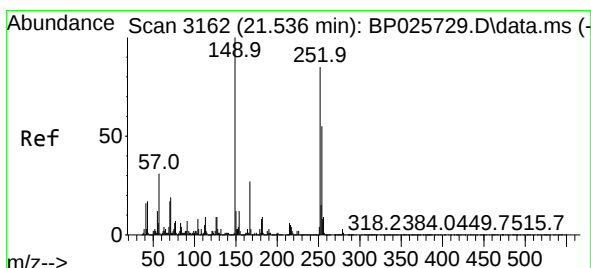
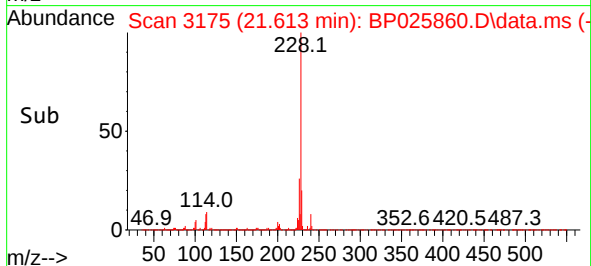
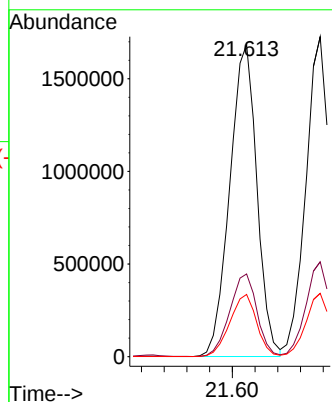
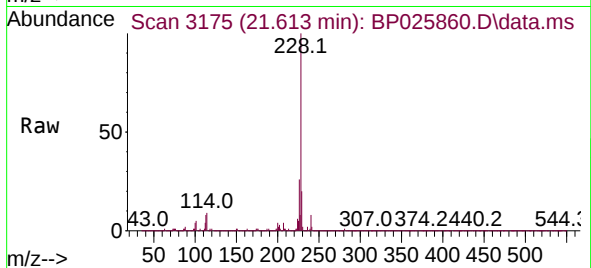
Tgt Ion:228 Resp: 2794112

Ion Ratio Lower Upper

228 100

226 26.4 21.6 32.4

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 34.516 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

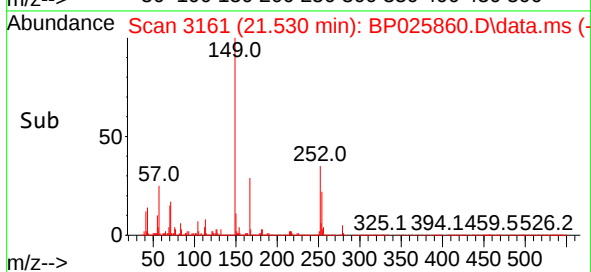
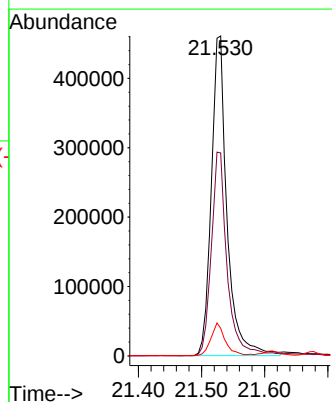
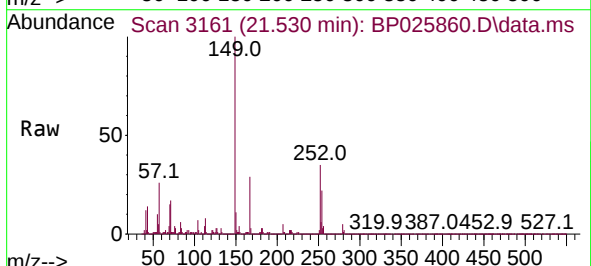
Tgt Ion:252 Resp: 796702

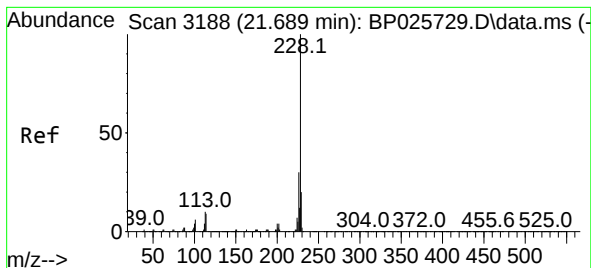
Ion Ratio Lower Upper

252 100

254 63.4 51.4 77.0

126 8.6 8.3 12.5





#83

Chrysene

Concen: 41.241 ng

RT: 21.677 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

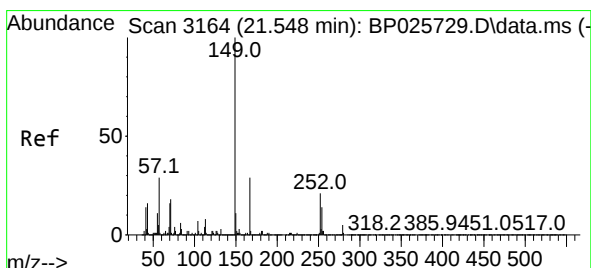
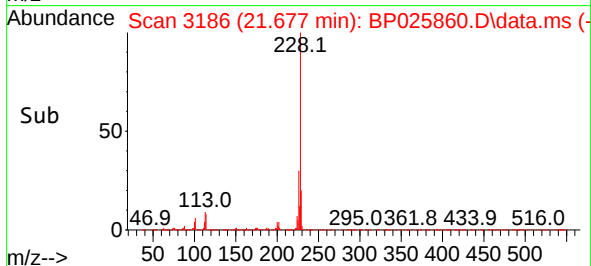
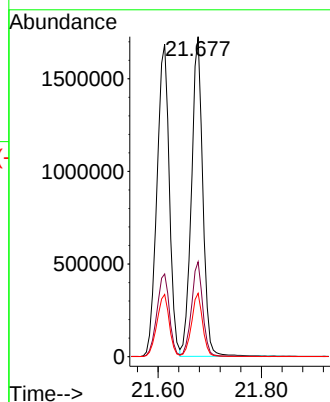
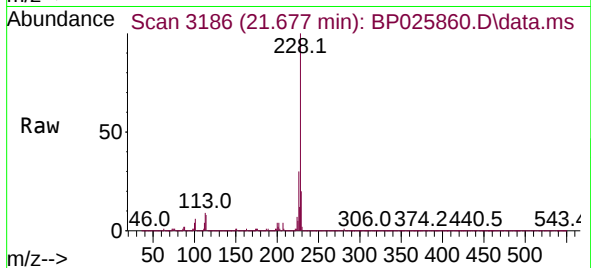
Tgt Ion:228 Resp: 2624357

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.586 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.018 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

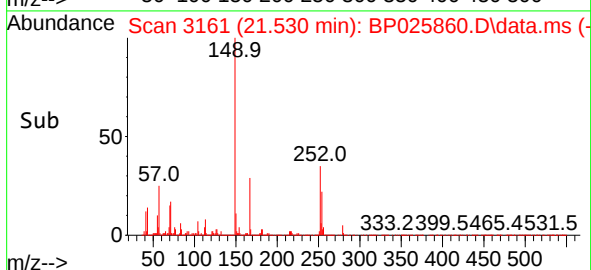
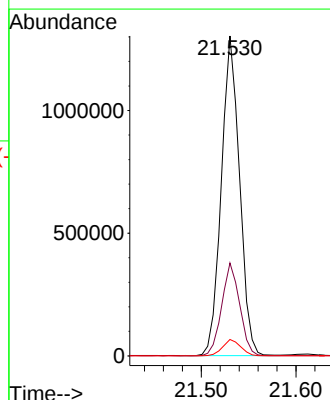
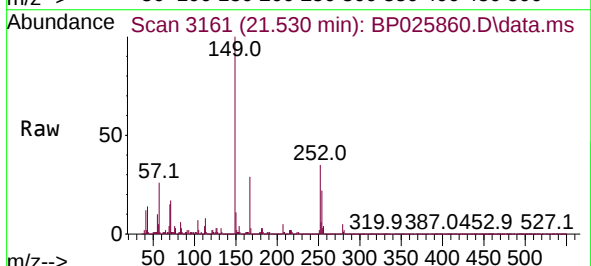
Tgt Ion:149 Resp: 1735640

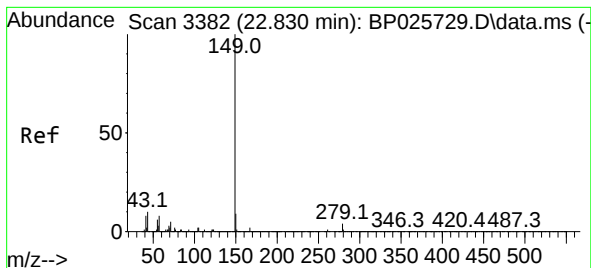
Ion Ratio Lower Upper

149 100

167 29.0 22.9 34.3

279 5.2 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 42.375 ng

RT: 22.813 min Scan# 3382

Delta R.T. -0.018 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

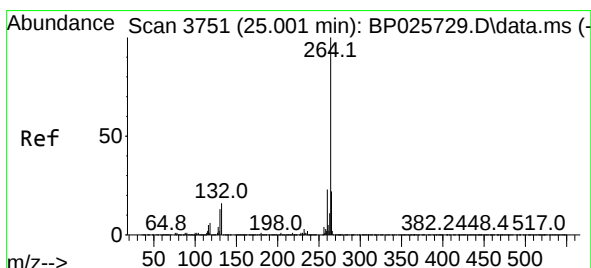
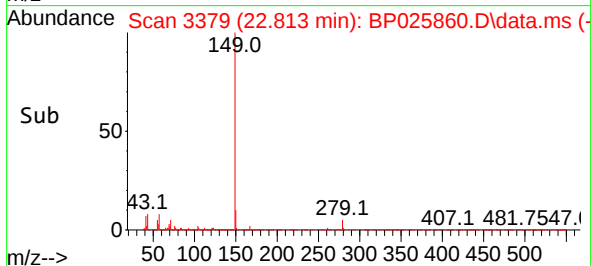
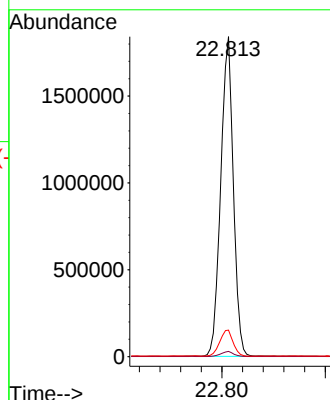
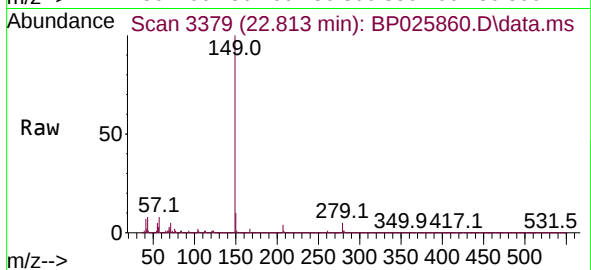
Tgt Ion:149 Resp: 3145956

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.012 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

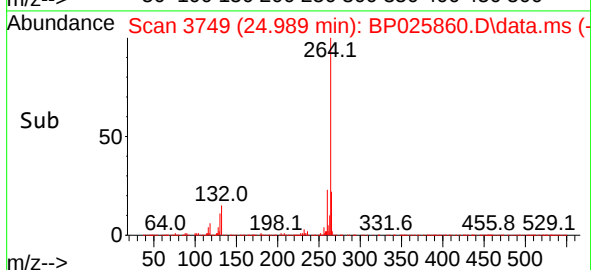
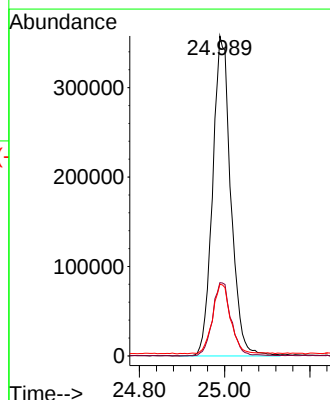
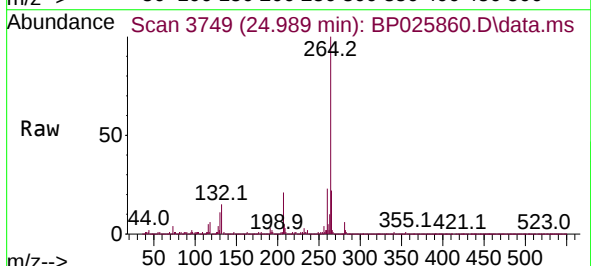
Tgt Ion:264 Resp: 1058529

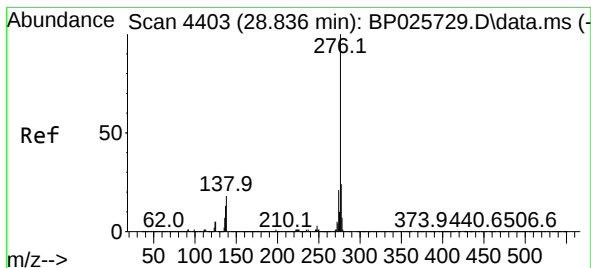
Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 22.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.134 ng

RT: 28.842 min Scan# 4403

Delta R.T. 0.006 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

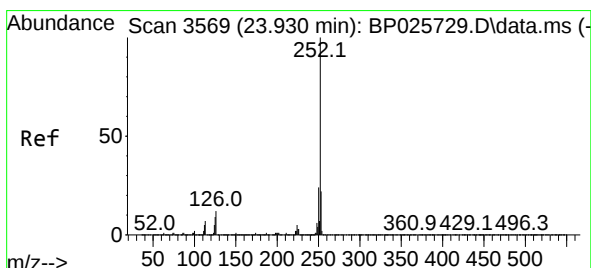
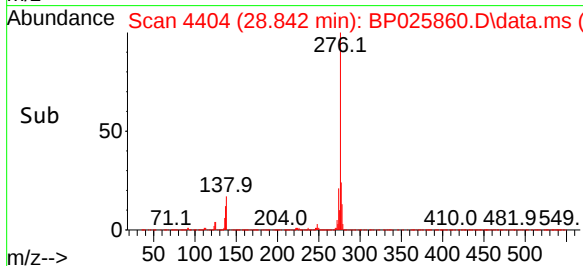
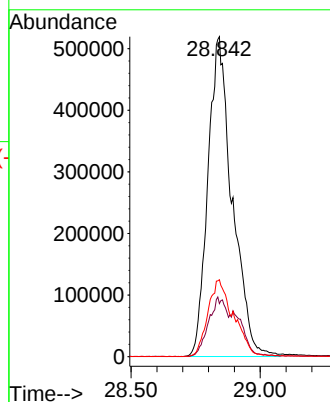
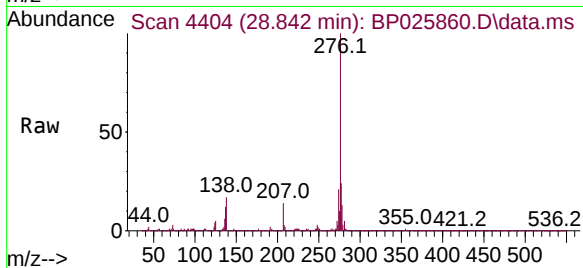
Tgt Ion:276 Resp: 3397347

Ion Ratio Lower Upper

276 100

138 13.5 13.4 20.2

277 25.3 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 42.091 ng

RT: 23.930 min Scan# 3569

Delta R.T. -0.000 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

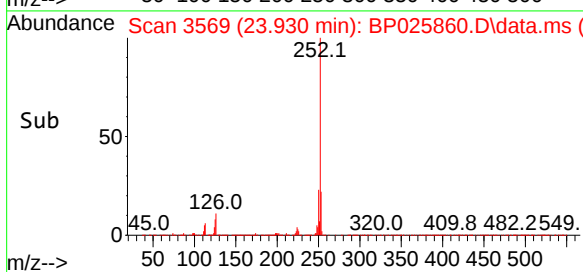
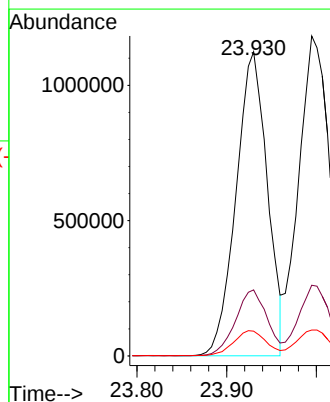
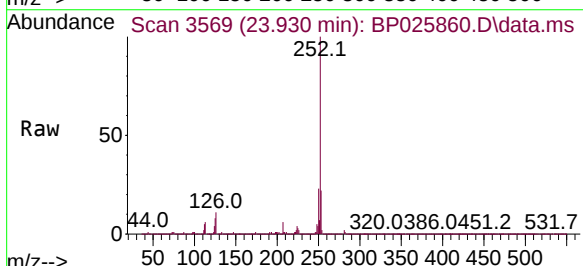
Tgt Ion:252 Resp: 2724586

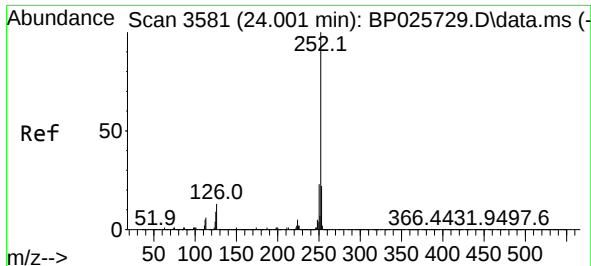
Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 8.1 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 43.969 ng

RT: 23.995 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

Instrument :

BNA_P

ClientSampleId :

PB169801BS

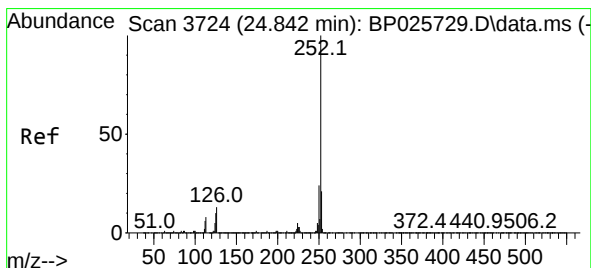
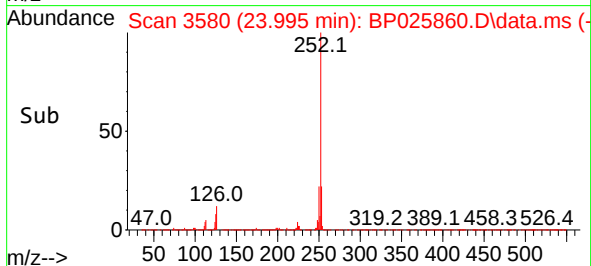
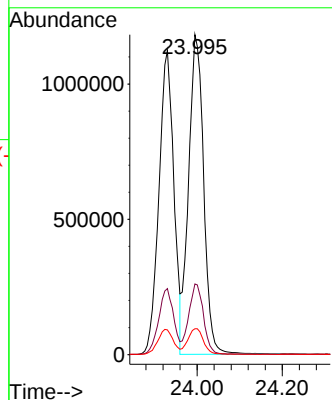
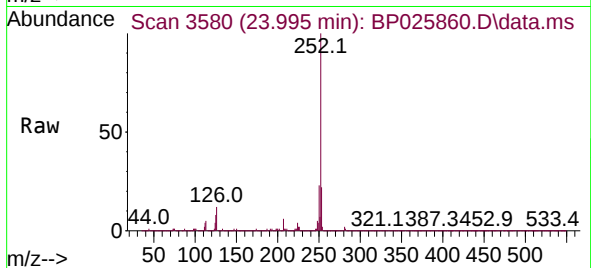
Tgt Ion:252 Resp: 2904338

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.1 7.5 11.3



#90

Benzo(a)pyrene

Concen: 42.322 ng

RT: 24.836 min Scan# 3723

Delta R.T. -0.006 min

Lab File: BP025860.D

Acq: 25 Sep 2025 15:24

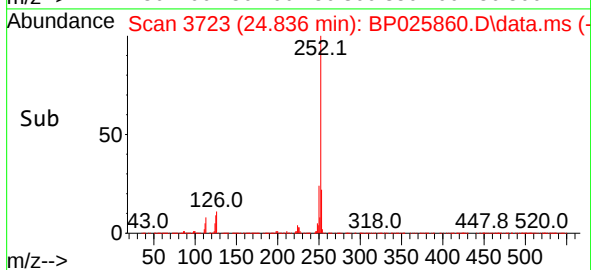
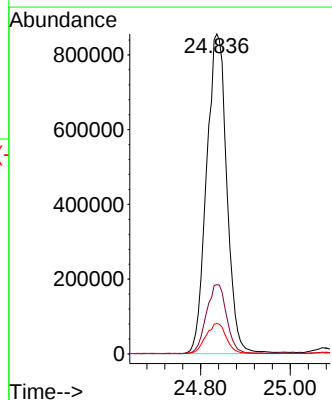
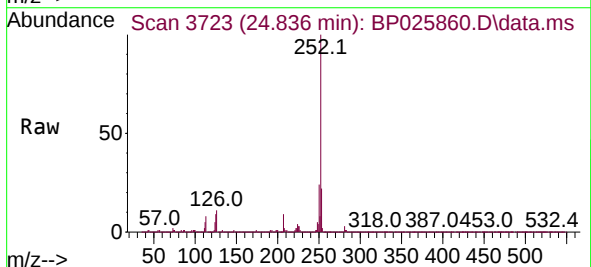
Tgt Ion:252 Resp: 2682814

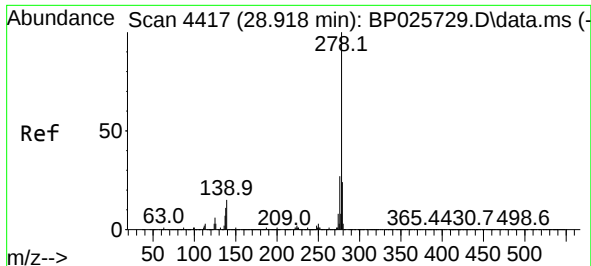
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.5 8.3 12.5

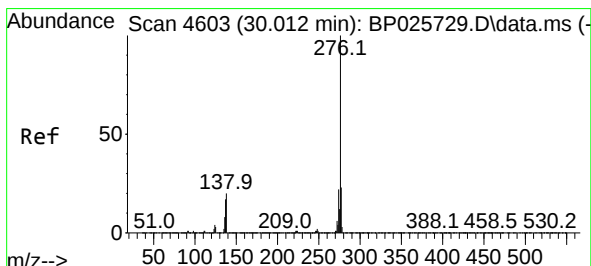
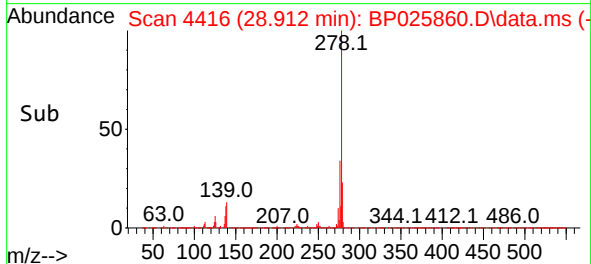
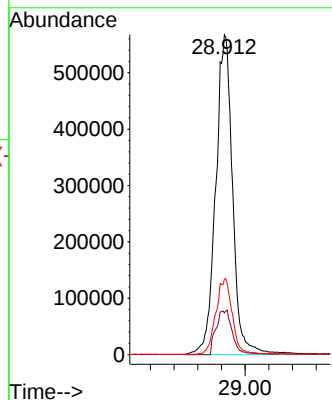
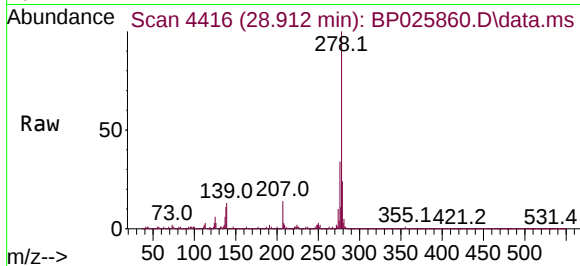




#91
 Dibenzo(a,h)anthracene
 Concen: 44.489 ng
 RT: 28.912 min Scan# 4417
 Delta R.T. -0.006 min
 Lab File: BP025860.D
 Acq: 25 Sep 2025 15:24

Instrument :
 BNA_P
 ClientSampleId :
 PB169801BS

Tgt Ion:278 Resp: 2802516
 Ion Ratio Lower Upper
 278 100
 139 13.0 12.1 18.1
 279 23.5 19.6 29.4



#92
 Benzo(g,h,i)perylene
 Concen: 44.379 ng
 RT: 30.024 min Scan# 4605
 Delta R.T. 0.012 min
 Lab File: BP025860.D
 Acq: 25 Sep 2025 15:24

Tgt Ion:276 Resp: 2749313
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.7 28.1
 138 18.7 16.0 24.0

