

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093025\
 Data File : BP025897.D
 Acq On : 30 Sep 2025 18:52
 Operator : CG/JU
 Sample : PB169893BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169893BS

Quant Time: Sep 30 19:12:47 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	7.743	152	124518	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	504483	20.000	ng	-0.02
39) Acenaphthene-d10	14.360	164	352737	20.000	ng	-0.02
64) Phenanthrene-d10	17.154	188	750935	20.000	ng	-0.03
76) Chrysene-d12	21.607	240	792375	20.000	ng	-0.04
86) Perylene-d12	24.954	264	869458	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1176158	152.411	ng	0.00
7) Phenol-d6	6.943	99	1525605	148.733	ng	0.00
23) Nitrobenzene-d5	8.884	82	942232	82.387	ng	-0.02
42) 2,4,6-Tribromophenol	15.878	330	771010	175.242	ng	-0.03
45) 2-Fluorobiphenyl	12.966	172	2281102	86.107	ng	-0.02
79) Terphenyl-d14	19.883	244	4105113	93.201	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	116782	36.056	ng	95
3) Pyridine	3.696	79	332555	37.289	ng	93
4) n-Nitrosodimethylamine	3.608	42	160011	38.023	ng	80
6) Aniline	7.084	93	557487	39.592	ng	99
8) 2-Chlorophenol	7.325	128	432738	51.116	ng	96
9) Benzaldehyde	6.896	77	226233	36.798	ng	97
10) Phenol	6.972	94	547758	50.644	ng	96
11) bis(2-Chloroethyl)ether	7.172	93	400002	46.032	ng	95
12) 1,3-Dichlorobenzene	7.631	146	448742	46.573	ng	96
13) 1,4-Dichlorobenzene	7.772	146	458400	46.705	ng	99
14) 1,2-Dichlorobenzene	8.090	146	440223	46.170	ng	99
15) Benzyl Alcohol	7.990	79	410049	48.378	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.255	45	569437	40.071	ng	96
17) 2-Methylphenol	8.196	107	369976	50.737	ng	99
18) Hexachloroethane	8.802	117	169977	45.340	ng	98
19) n-Nitroso-di-n-propyla...	8.537	70	321411	44.926	ng	93
20) 3+4-Methylphenols	8.519	107	507316	49.677	ng	98
22) Acetophenone	8.555	105	709868	52.654	ng	# 97
24) Nitrobenzene	8.931	77	476133	46.407	ng	96
25) Isophorone	9.449	82	910721	45.305	ng	99
26) 2-Nitrophenol	9.631	139	242681	53.276	ng	89
27) 2,4-Dimethylphenol	9.702	122	413653	51.763	ng	99
28) bis(2-Chloroethoxy)met...	9.919	93	556913	47.928	ng	99
29) 2,4-Dichlorophenol	10.184	162	435362	54.640	ng	98
30) 1,2,4-Trichlorobenzene	10.372	180	442474	49.275	ng	100
31) Naphthalene	10.560	128	1282763	47.157	ng	100
32) Benzoic acid	9.902	122	367556	61.863	ng	94
33) 4-Chloroaniline	10.678	127	367101	32.378	ng	98
34) Hexachlorobutadiene	10.843	225	291036	50.347	ng	99
35) Caprolactam	11.490	113	155760	50.712	ng	# 87
36) 4-Chloro-3-methylphenol	11.819	107	499861	52.620	ng	97
37) 2-Methylnaphthalene	12.172	142	854003	48.880	ng	98
38) 1-Methylnaphthalene	12.390	142	872620	46.837	ng	100
40) 1,2,4,5-Tetrachloroben...	12.543	216	584518	54.685	ng	99
41) Hexachlorocyclopentadiene	12.519	237	509032	87.439	ng	99
43) 2,4,6-Trichlorophenol	12.796	196	379591	54.020	ng	99

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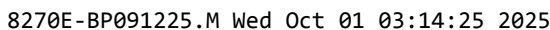
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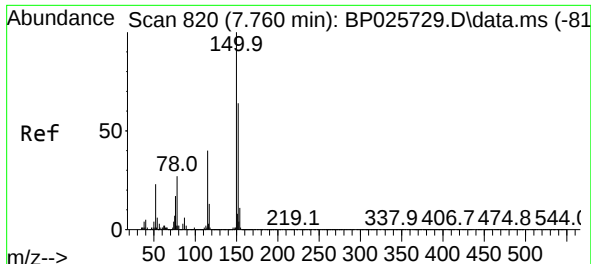
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	420836	53.813	ng	97
46) 1,1'-Biphenyl	13.190	154	1373906	53.065	ng	98
47) 2-Chloronaphthalene	13.231	162	963472	47.260	ng	99
48) 2-Nitroaniline	13.443	65	326752	48.082	ng	96
49) Acenaphthylene	14.078	152	1662644	49.222	ng	100
50) Dimethylphthalate	13.813	163	1323593	49.149	ng	100
51) 2,6-Dinitrotoluene	13.943	165	296540	51.974	ng	90
52) Acenaphthene	14.425	154	922567	47.360	ng	99
53) 3-Nitroaniline	14.278	138	229289	38.215	ng	98
54) 2,4-Dinitrophenol	14.507	184	365794	97.484	ng	95
55) Dibenzofuran	14.766	168	1532321	48.265	ng	98
56) 4-Nitrophenol	14.637	139	456287	87.844	ng	92
57) 2,4-Dinitrotoluene	14.743	165	430660	53.038	ng	90
58) Fluorene	15.419	166	1239584	49.101	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.007	232	378591	53.741	ng	95
60) Diethylphthalate	15.195	149	1375071	50.338	ng	99
61) 4-Chlorophenyl-phenyle...	15.413	204	646042	50.777	ng	97
62) 4-Nitroaniline	15.460	138	320371	52.121	ng	94
63) Azobenzene	15.719	77	1223498	46.321	ng	95
65) 4,6-Dinitro-2-methylph...	15.525	198	262384	52.540	ng	87
66) n-Nitrosodiphenylamine	15.642	169	1121729	48.812	ng	99
67) 4-Bromophenyl-phenylether	16.331	248	425899	51.626	ng	97
68) Hexachlorobenzene	16.454	284	488873	53.140	ng	# 91
69) Atrazine	16.619	200	460571	52.432	ng	95
70) Pentachlorophenol	16.819	266	620920	102.262	ng	99
71) Phenanthrene	17.207	178	2066316	48.508	ng	99
72) Anthracene	17.301	178	2090668	48.372	ng	99
73) Carbazole	17.584	167	1976903	49.199	ng	99
74) Di-n-butylphthalate	18.166	149	2479431	50.282	ng	99
75) Fluoranthene	19.295	202	2504697	49.027	ng	99
77) Benzidine	19.495	184	1566906	68.650	ng	99
78) Pyrene	19.672	202	2616297	49.484	ng	98
80) Butylbenzylphthalate	20.607	149	1184629	51.101	ng	97
81) Benzo(a)anthracene	21.583	228	2626560	48.418	ng	99
82) 3,3'-Dichlorobenzidine	21.501	252	674977	35.985	ng	99
83) Chrysene	21.660	228	2436266	47.113	ng	100
84) Bis(2-ethylhexyl)phtha...	21.507	149	1676148	49.420	ng	99
85) Di-n-octyl phthalate	22.772	149	3016499	49.999	ng	97
87) Indeno(1,2,3-cd)pyrene	28.759	276	3114156	49.252	ng	# 79
88) Benzo(b)fluoranthene	23.883	252	2594699	48.801	ng	98
89) Benzo(k)fluoranthene	23.954	252	2681439	49.422	ng	98
90) Benzo(a)pyrene	24.783	252	2506067	48.130	ng	99
91) Dibenzo(a,h)anthracene	28.836	278	2578364	49.831	ng	97
92) Benzo(g,h,i)perylene	29.948	276	2484684	48.830	ng	98

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

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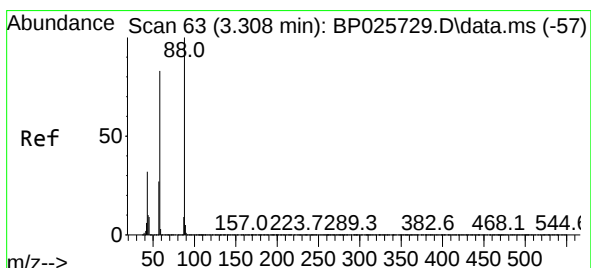
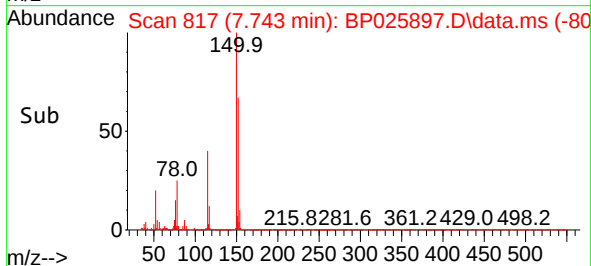
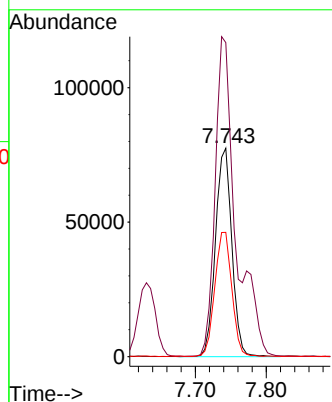
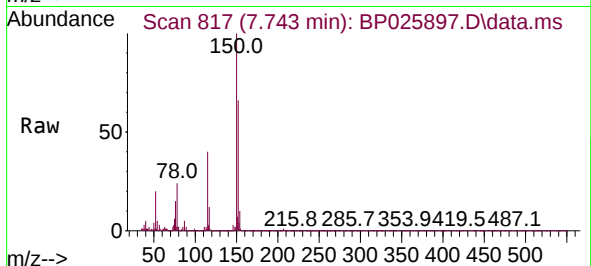




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.743 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BP025897.D
 Acq: 30 Sep 2025 18:52

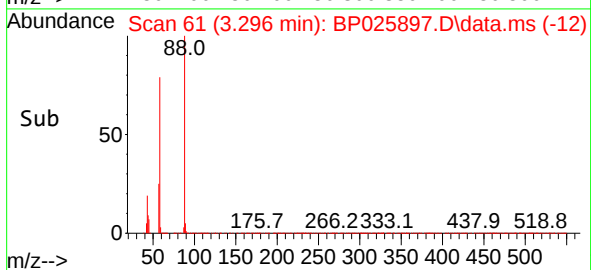
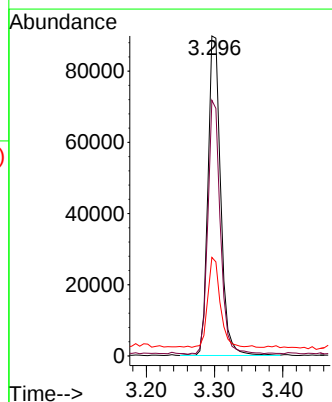
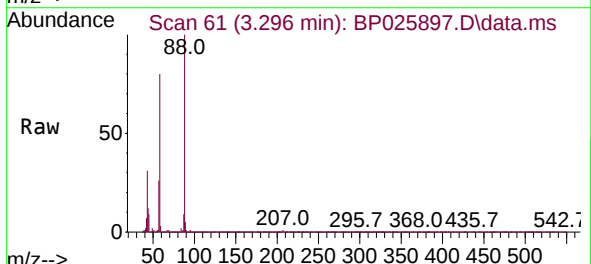
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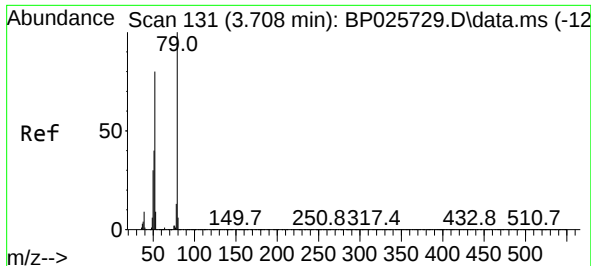
Tgt Ion:152 Resp: 124518
 Ion Ratio Lower Upper
 152 100
 150 150.7 124.3 186.5
 115 59.6 50.3 75.5



#2
 1,4-Dioxane
 Concen: 36.056 ng
 RT: 3.296 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: BP025897.D
 Acq: 30 Sep 2025 18:52

Tgt Ion: 88 Resp: 116782
 Ion Ratio Lower Upper
 88 100
 58 78.2 65.5 98.3
 43 27.5 25.2 37.8

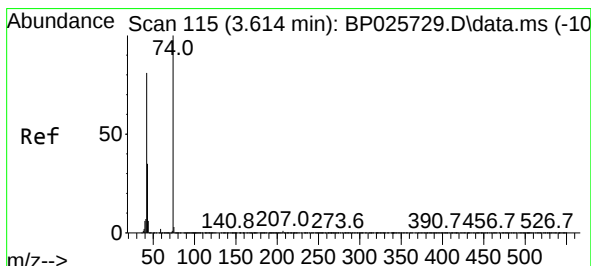
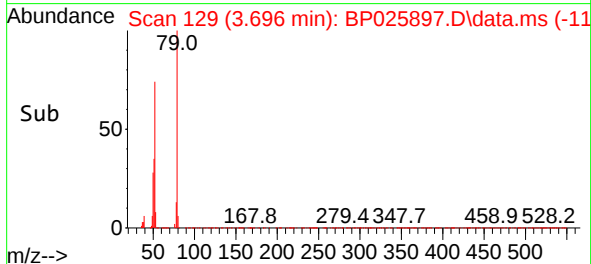
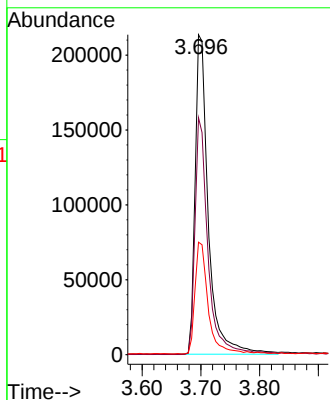
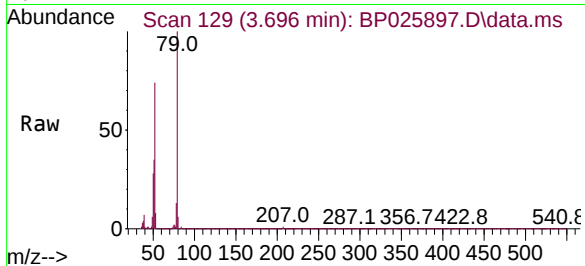




#3
 Pyridine
 Concen: 37.289 ng
 RT: 3.696 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BP025897.D
 Acq: 30 Sep 2025 18:52

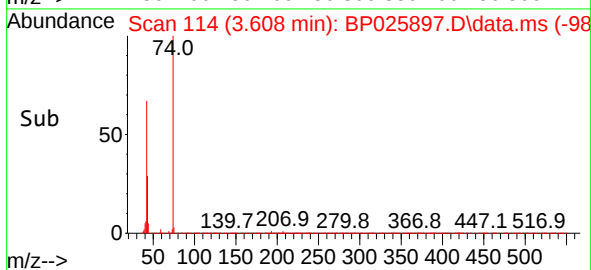
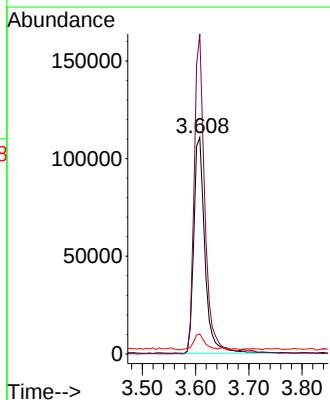
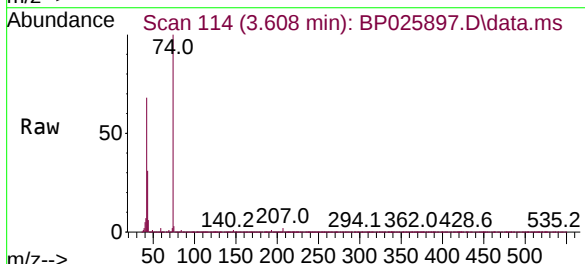
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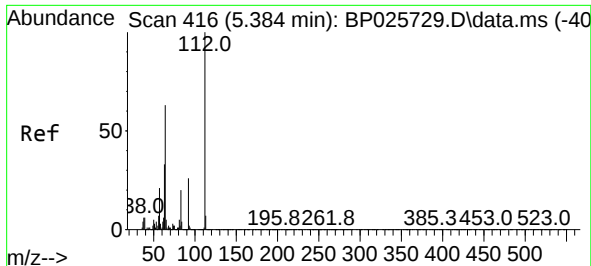
Tgt Ion: 79 Resp: 332555
 Ion Ratio Lower Upper
 79 100
 52 74.0 63.7 95.5
 51 35.1 32.4 48.6



#4
 n-Nitrosodimethylamine
 Concen: 38.023 ng
 RT: 3.608 min Scan# 114
 Delta R.T. -0.006 min
 Lab File: BP025897.D
 Acq: 30 Sep 2025 18:52

Tgt Ion: 42 Resp: 160011
 Ion Ratio Lower Upper
 42 100
 74 147.9 99.2 148.8
 44 9.2 6.4 9.6

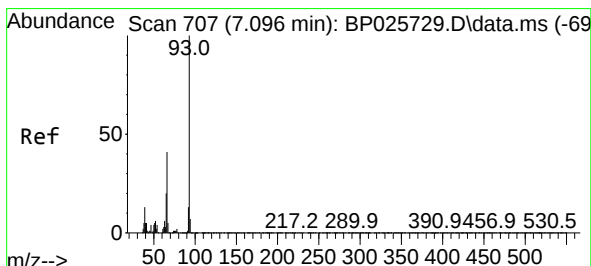
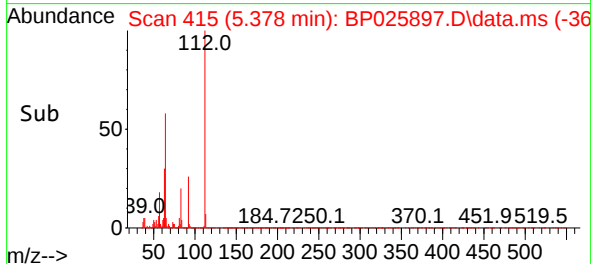
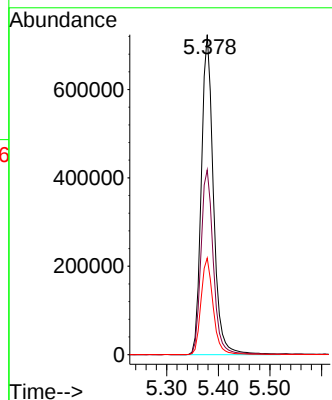
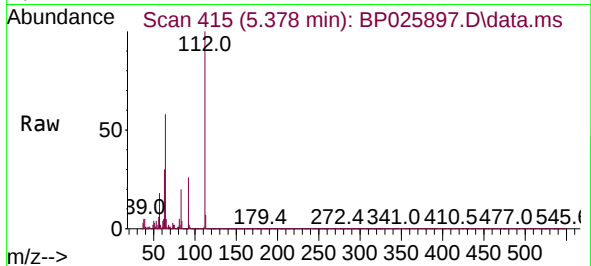




#5
2-Fluorophenol
Concen: 152.411 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

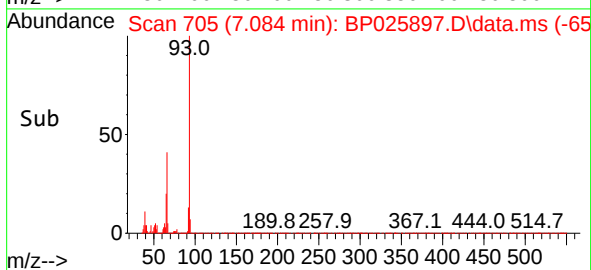
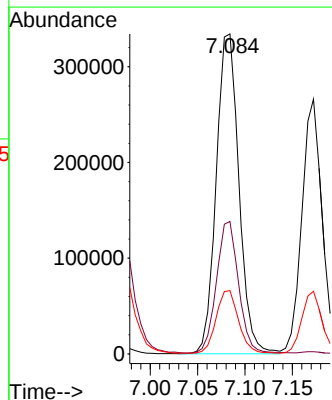
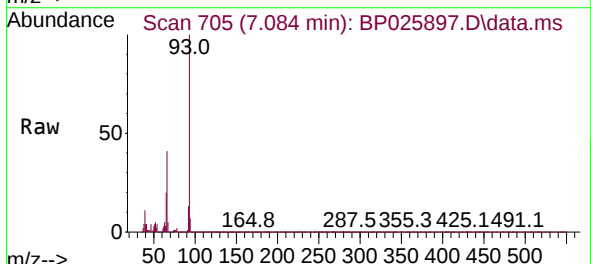
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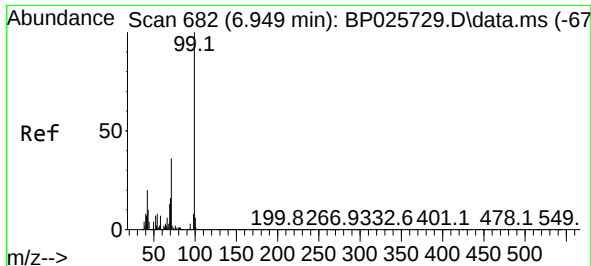
Tgt Ion:112 Resp: 1176158
Ion Ratio Lower Upper
112 100
64 57.7 50.2 75.4
63 30.2 26.7 40.1



#6
Aniline
Concen: 39.592 ng
RT: 7.084 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion: 93 Resp: 557487
Ion Ratio Lower Upper
93 100
66 41.4 32.6 49.0
65 19.8 16.2 24.2

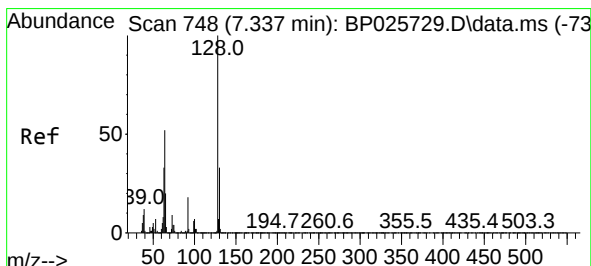
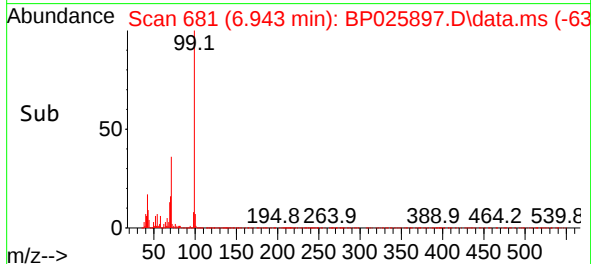
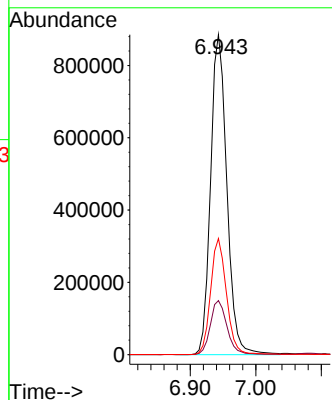
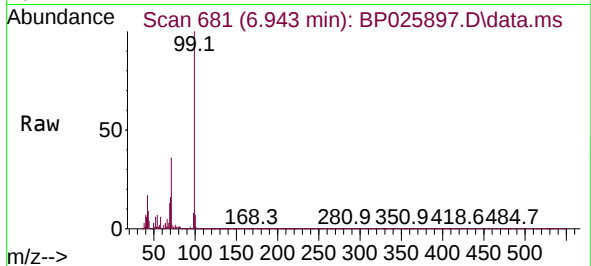




#7
Phenol-d6
Concen: 148.733 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

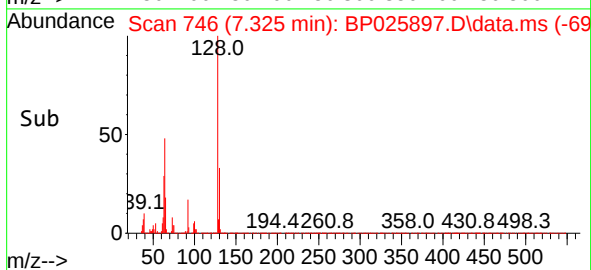
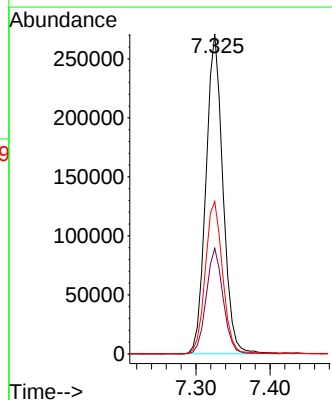
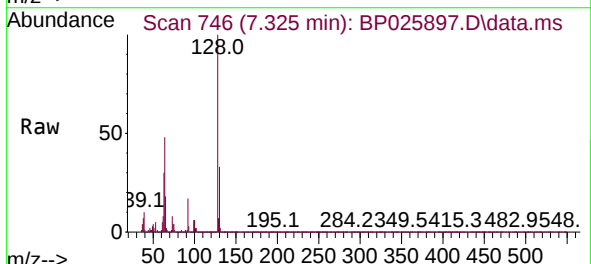
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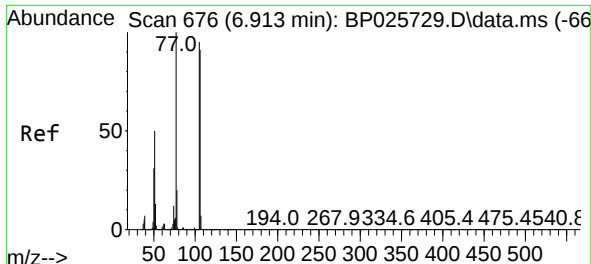
Tgt Ion: 99 Resp: 1525605
Ion Ratio Lower Upper
99 100
42 16.9 15.6 23.4
71 36.3 28.6 43.0



#8
2-Chlorophenol
Concen: 51.116 ng
RT: 7.325 min Scan# 746
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:128 Resp: 432738
Ion Ratio Lower Upper
128 100
130 33.1 12.6 52.6
64 47.6 31.6 71.6

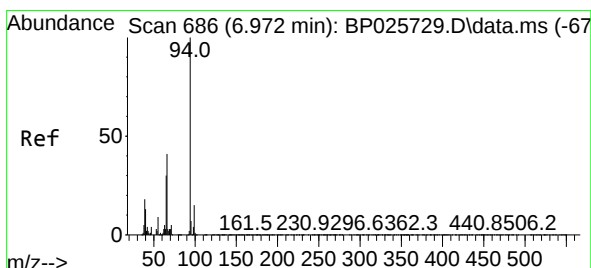
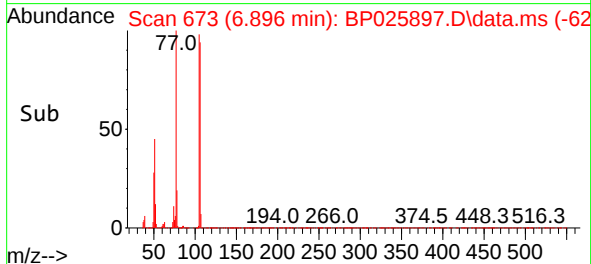
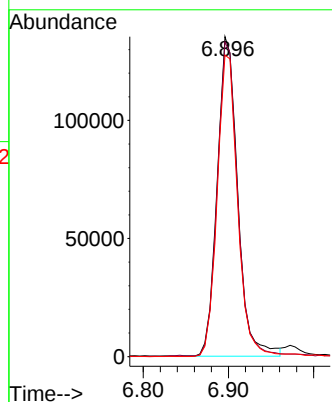
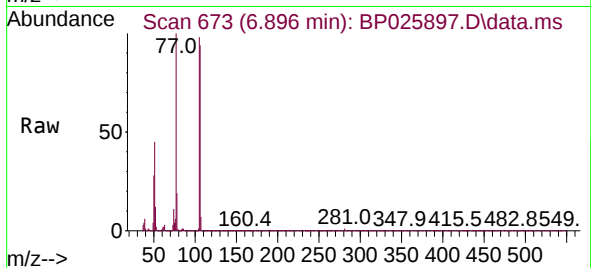




#9
Benzaldehyde
Concen: 36.798 ng
RT: 6.896 min Scan# 61
Delta R.T. -0.018 min
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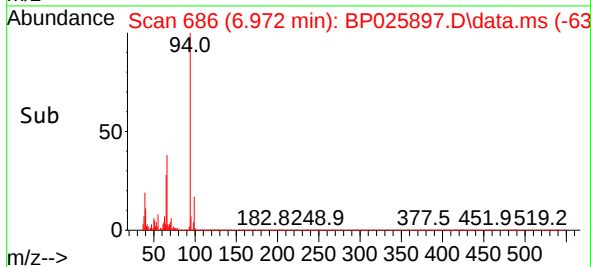
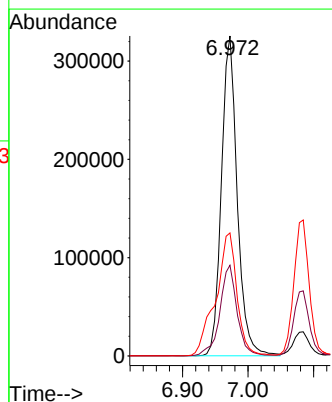
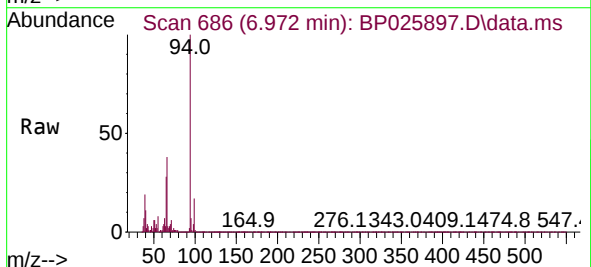
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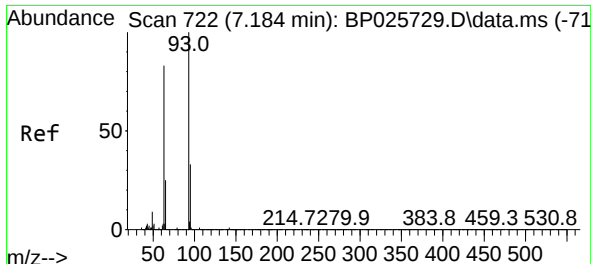
Tgt Ion: 77 Resp: 226233
Ion Ratio Lower Upper
77 100
105 98.3 75.2 115.2
106 94.2 71.3 111.3



#10
Phenol
Concen: 50.644 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion: 94 Resp: 547758
Ion Ratio Lower Upper
94 100
65 28.3 10.2 50.2
66 38.4 21.4 61.4

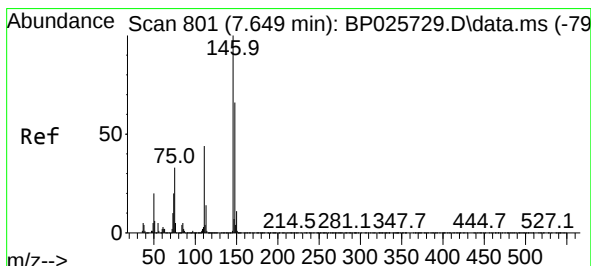
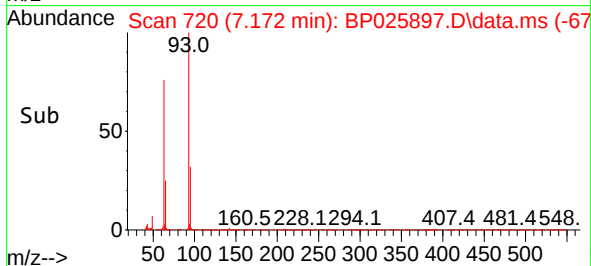
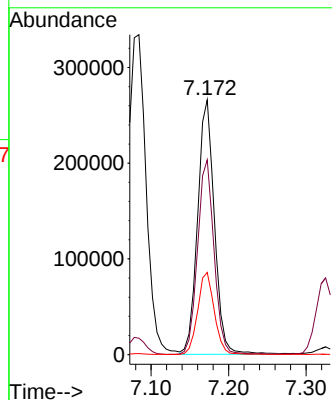
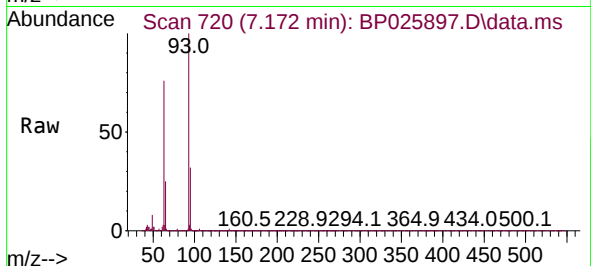




#11
bis(2-Chloroethyl)ether
Concen: 46.032 ng
RT: 7.172 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

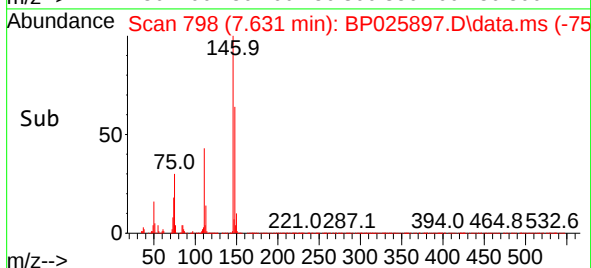
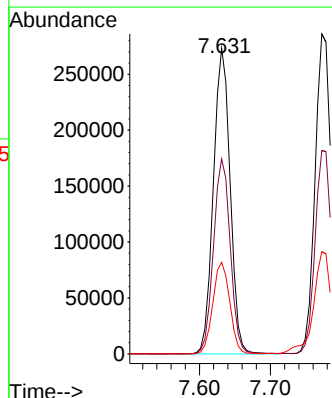
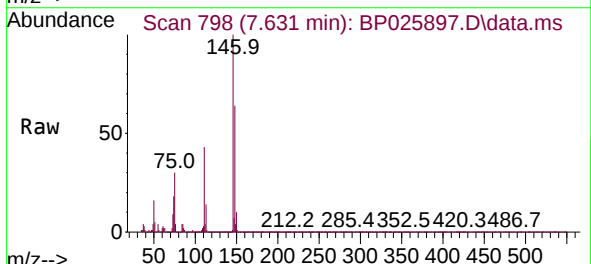
Instrument :
BNA_P
ClientSampleId :
PB169893BS

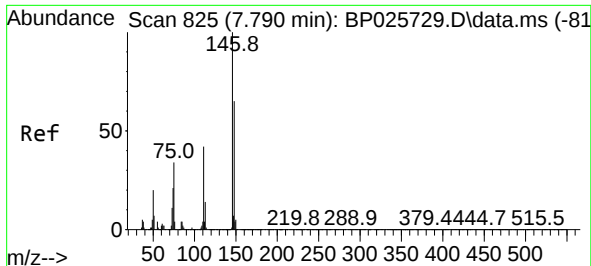
Tgt Ion: 93 Resp: 400002
Ion Ratio Lower Upper
93 100
63 76.4 62.6 102.6
95 32.2 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 46.573 ng
RT: 7.631 min Scan# 798
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:146 Resp: 448742
Ion Ratio Lower Upper
146 100
148 63.8 52.7 79.1
75 30.0 26.4 39.6

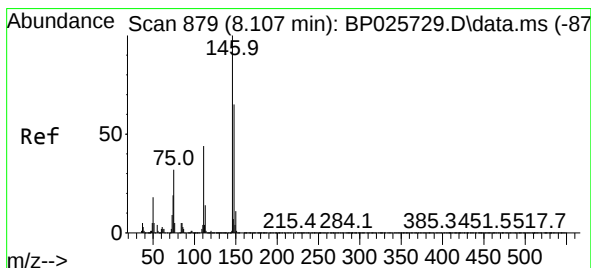
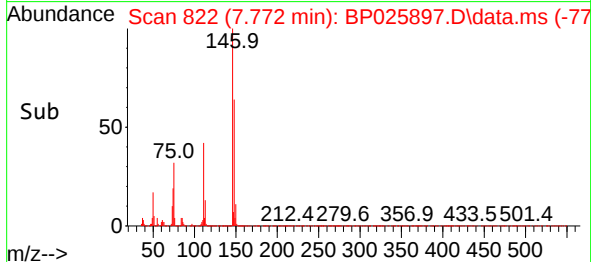
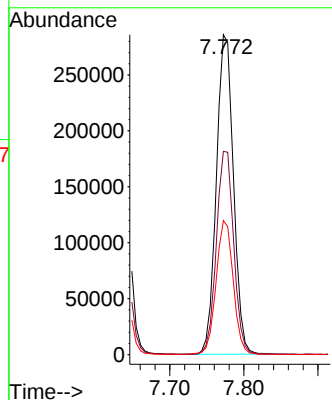
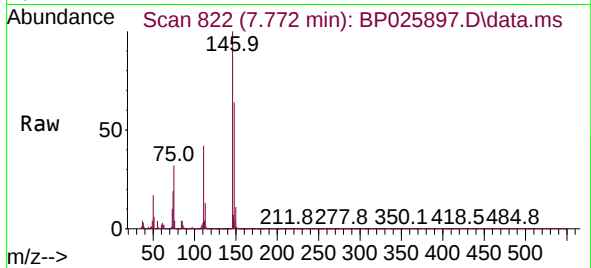




#13
1,4-Dichlorobenzene
Concen: 46.705 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

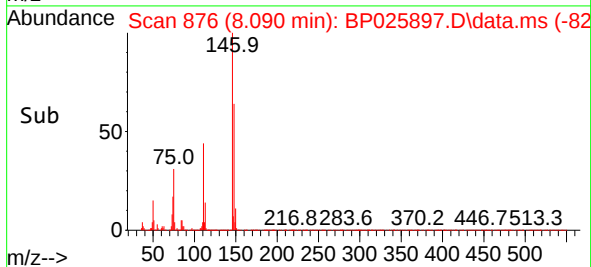
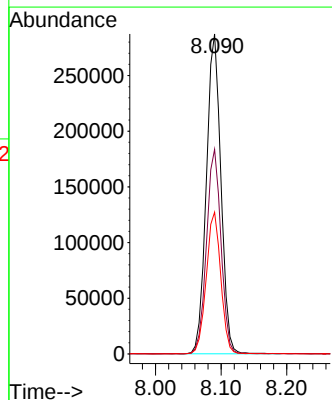
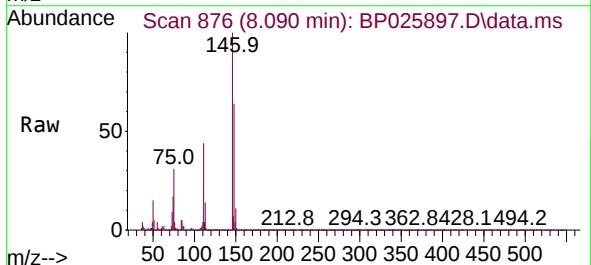
Instrument :
BNA_P
ClientSampleId :
PB169893BS

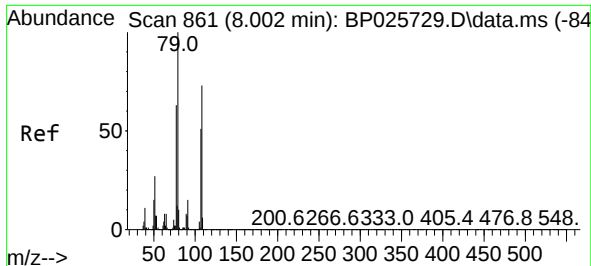
Tgt Ion:146 Resp: 458400
Ion Ratio Lower Upper
146 100
148 63.5 52.0 78.0
111 41.9 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 46.170 ng
RT: 8.090 min Scan# 876
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:146 Resp: 440223
Ion Ratio Lower Upper
146 100
148 63.9 51.7 77.5
111 44.3 35.5 53.3

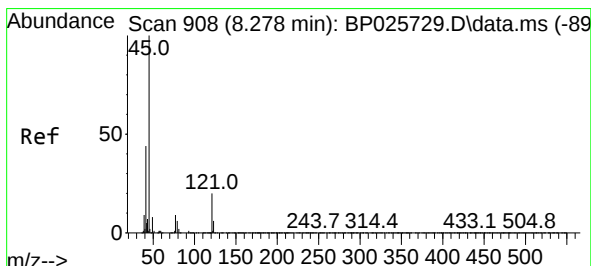
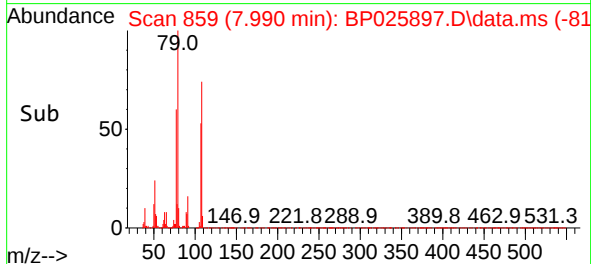
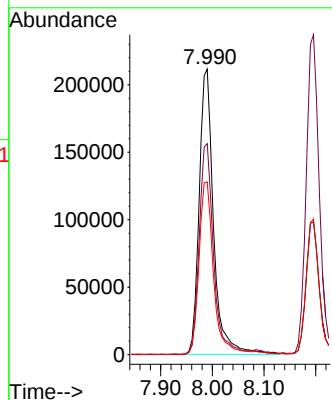
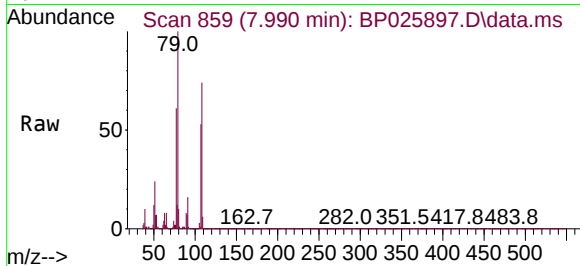




#15
Benzyl Alcohol
Concen: 48.378 ng
RT: 7.990 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

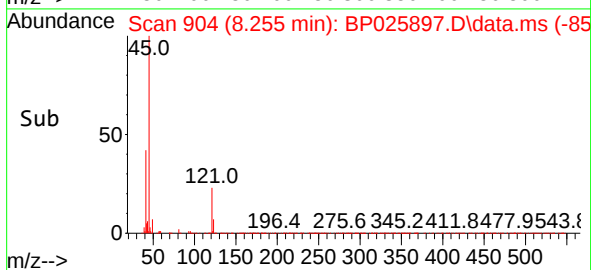
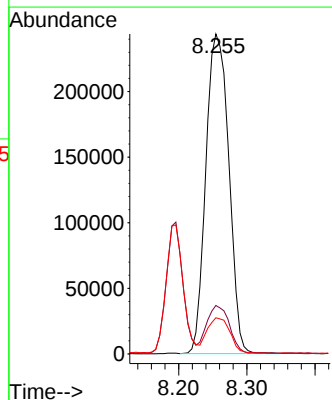
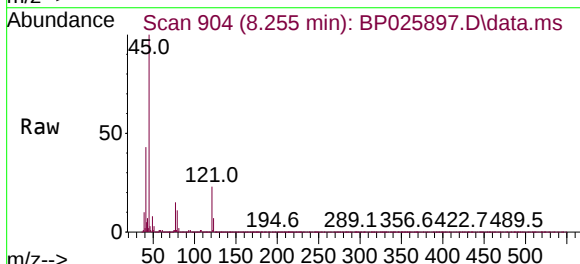
Instrument :
BNA_P
ClientSampleId :
PB169893BS

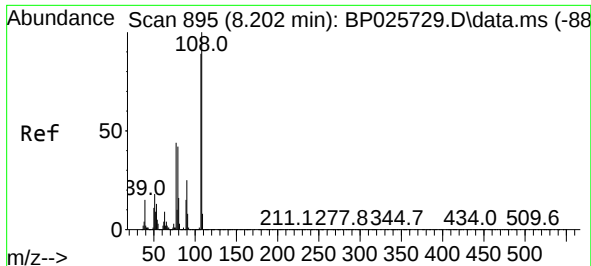
Tgt Ion: 79 Resp: 410049
Ion Ratio Lower Upper
79 100
108 73.9 58.7 88.1
77 60.5 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.071 ng
RT: 8.255 min Scan# 904
Delta R.T. -0.023 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion: 45 Resp: 569437
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.1
79 11.3 0.0 30.0

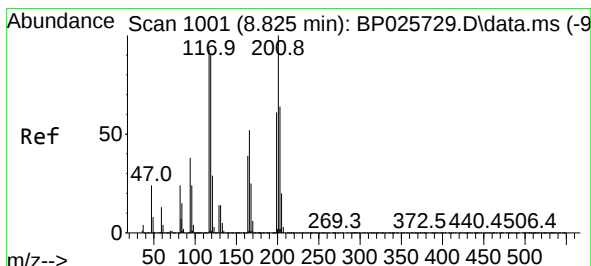
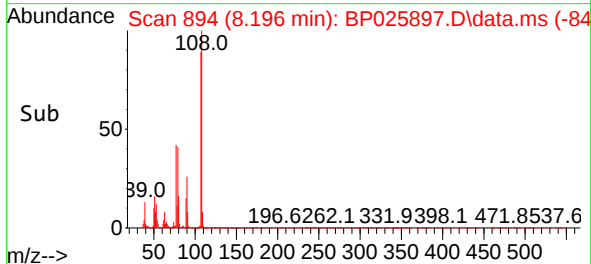
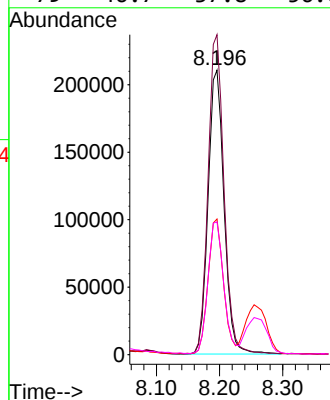
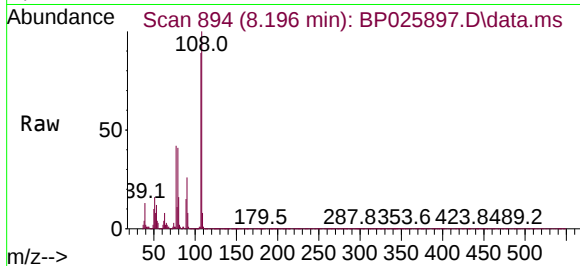




#17
2-Methylphenol
Concen: 50.737 ng
RT: 8.196 min Scan# 895
Delta R.T. -0.006 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

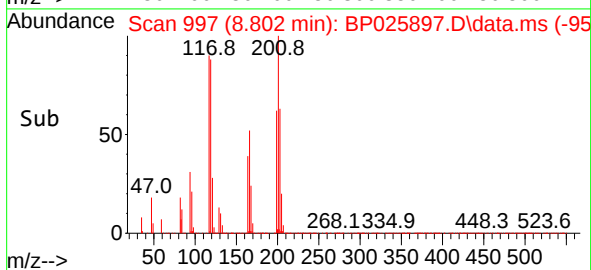
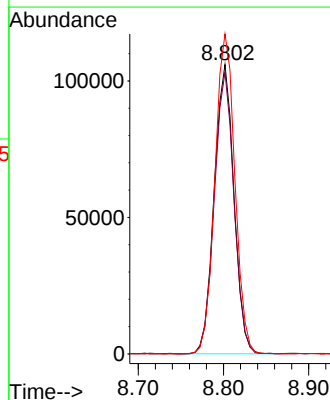
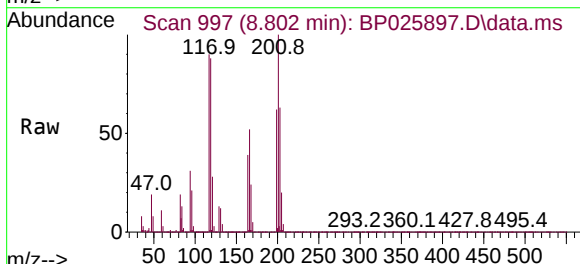
Instrument :
BNA_P
ClientSampleId :
PB169893BS

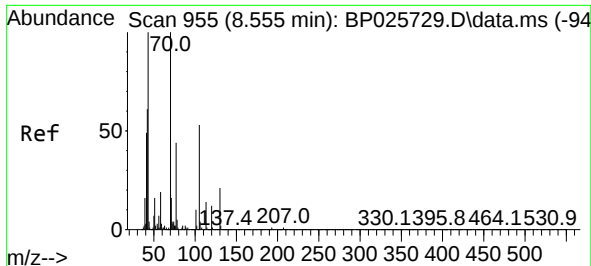
Tgt Ion:107	Resp: 369976
Ion Ratio	Lower Upper
107 100	
108 112.5	89.6 134.4
77 47.7	39.3 58.9
79 46.7	37.8 56.6



#18
Hexachloroethane
Concen: 45.340 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.023 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:117	Resp: 169977
Ion Ratio	Lower Upper
117 100	
119 97.3	77.1 115.7
201 110.6	85.6 128.4

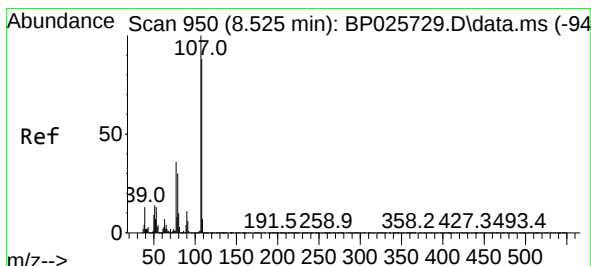
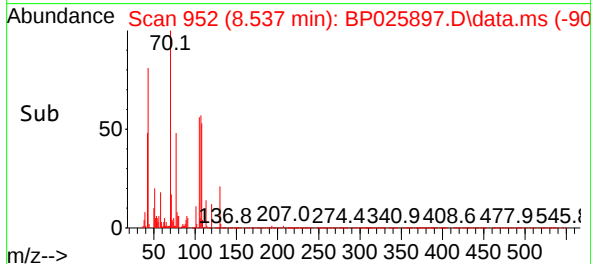
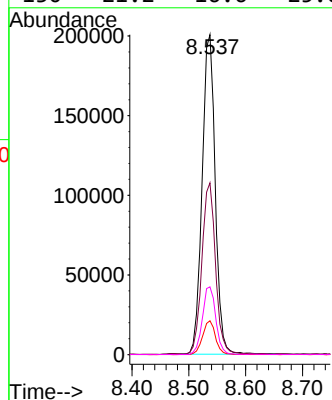
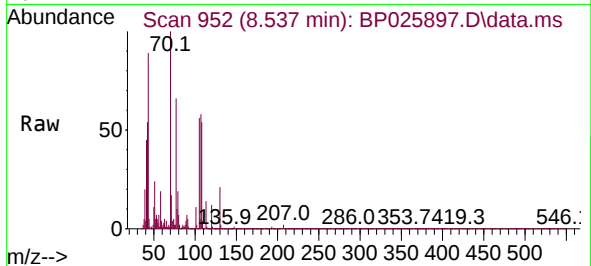




#19
n-Nitroso-di-n-propylamine
Concen: 44.926 ng
RT: 8.537 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

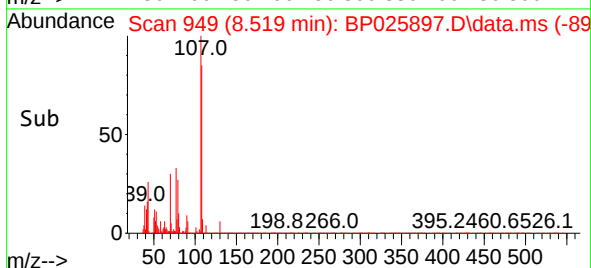
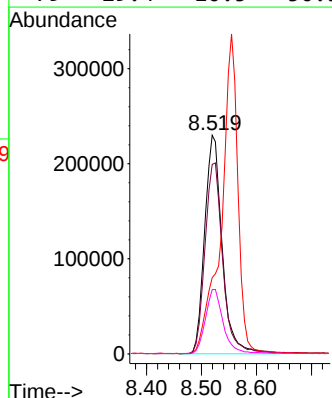
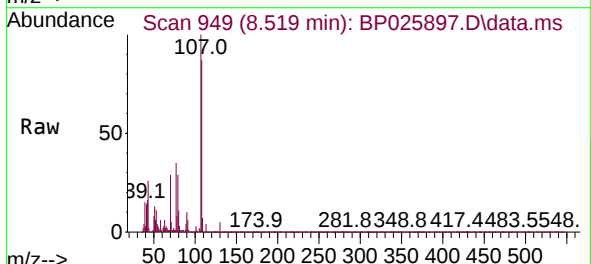
Instrument :
BNA_P
ClientSampleId :
PB169893BS

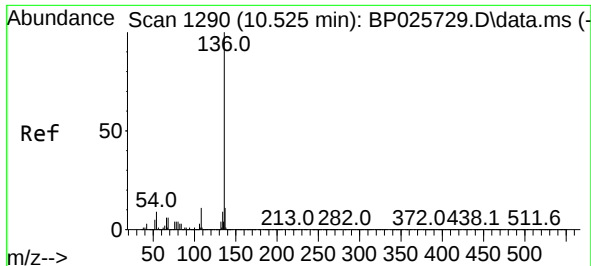
Tgt Ion:	70	Resp:	321411
Ion	Ratio	Lower	Upper
70	100		
42	53.7	49.0	73.4
101	10.6	7.9	11.9
130	21.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 49.677 ng
RT: 8.519 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:	107	Resp:	507316
Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.8	107.8
77	34.9	16.1	56.1
79	29.4	10.5	50.5

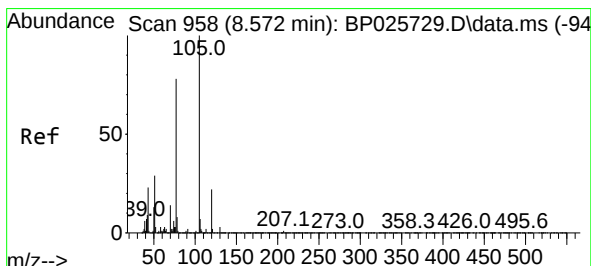
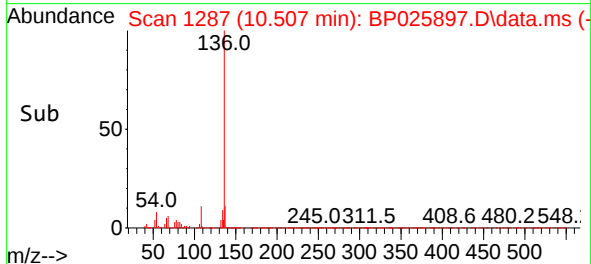
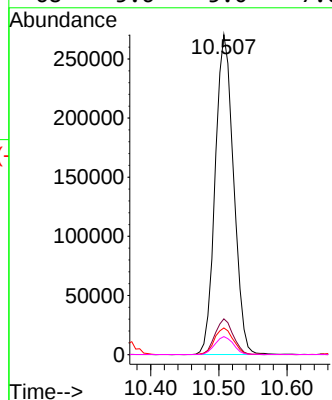
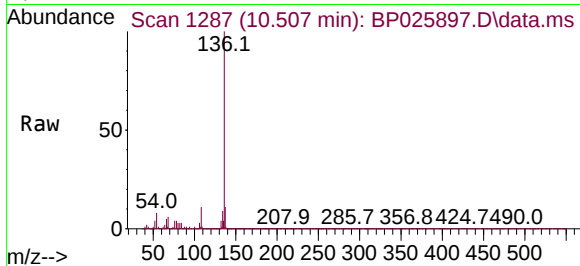




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

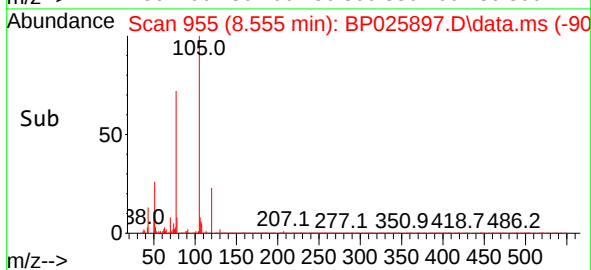
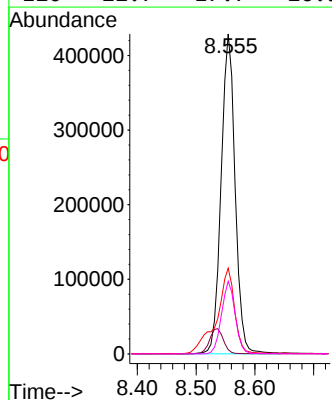
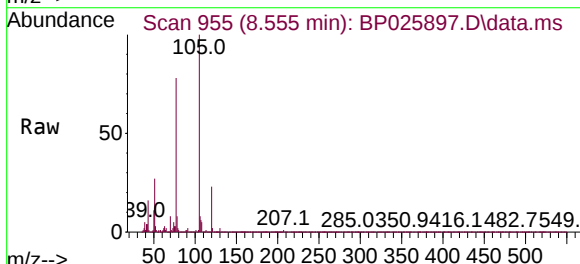
Instrument :
BNA_P
ClientSampleId :
PB169893BS

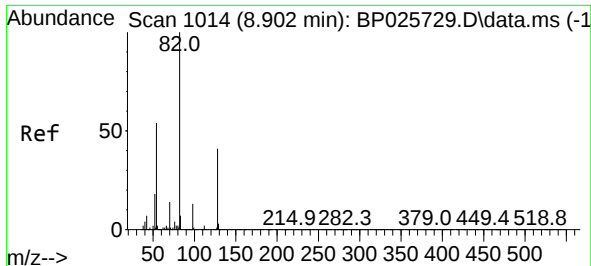
Tgt Ion:	136	Resp:	504483
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	8.3	7.5	11.3
68	5.6	5.0	7.6



#22
Acetophenone
Concen: 52.654 ng
RT: 8.555 min Scan# 955
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:	105	Resp:	709868
Ion Ratio	Lower	Upper	
105	100		
71	1.3	1.8	2.8
51	26.8	23.5	35.3
120	22.7	17.7	26.5





#23

Nitrobenzene-d5

Concen: 82.387 ng

RT: 8.884 min Scan# 1011

Delta R.T. -0.018 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Instrument :

BNA_P

ClientSampleId :

PB169893BS

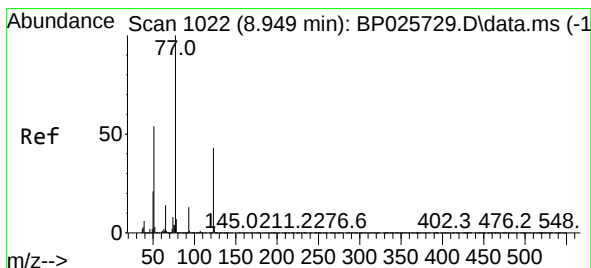
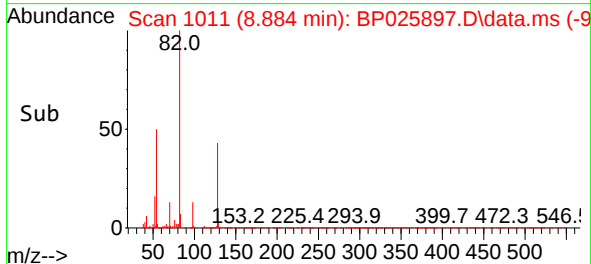
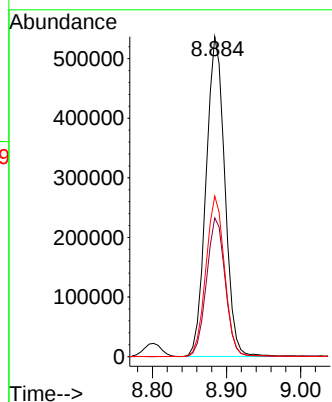
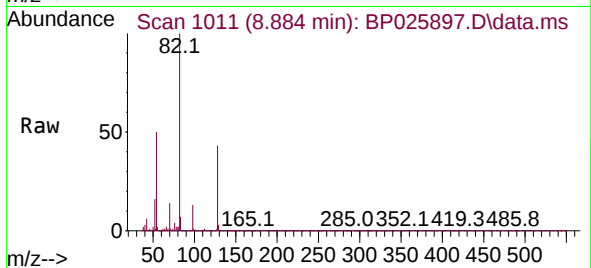
Tgt Ion: 82 Resp: 942232

Ion Ratio Lower Upper

82 100

128 43.3 32.9 49.3

54 50.2 43.4 65.2



#24

Nitrobenzene

Concen: 46.407 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.018 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

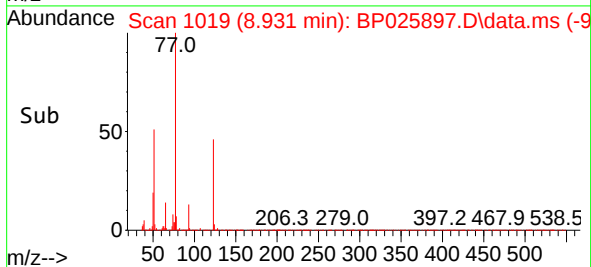
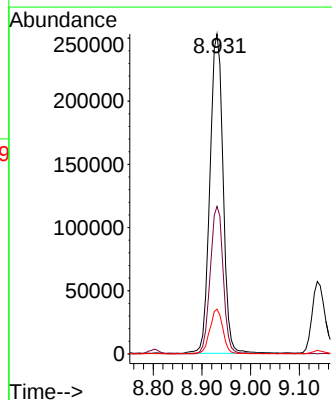
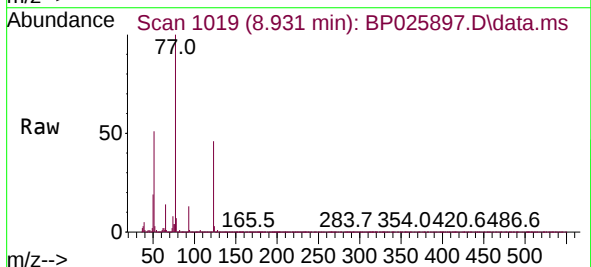
Tgt Ion: 77 Resp: 476133

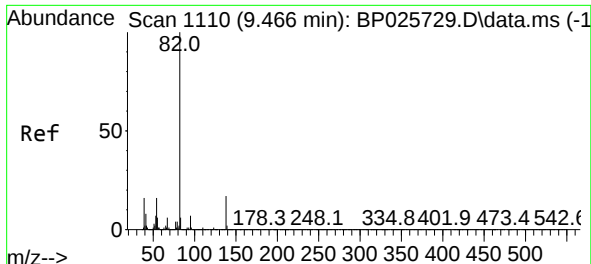
Ion Ratio Lower Upper

77 100

123 46.1 34.4 51.6

65 14.0 10.8 16.2

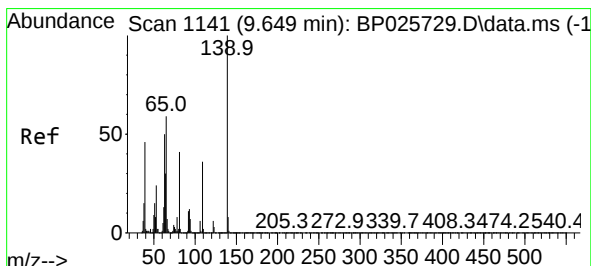
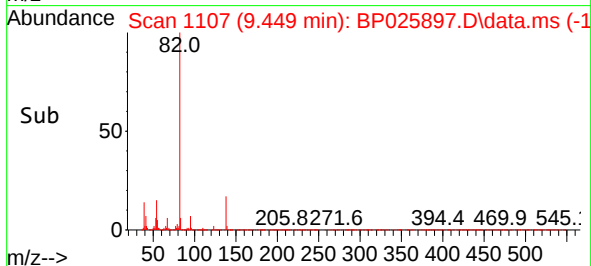
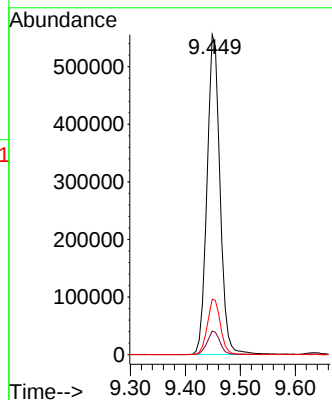
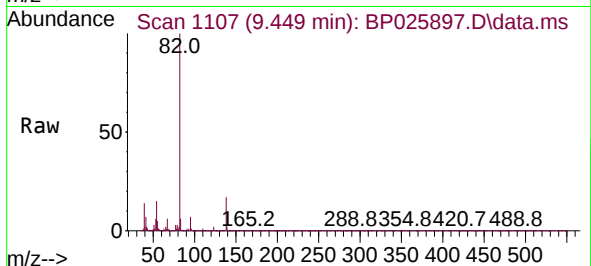




#25
Isophorone
Concen: 45.305 ng
RT: 9.449 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

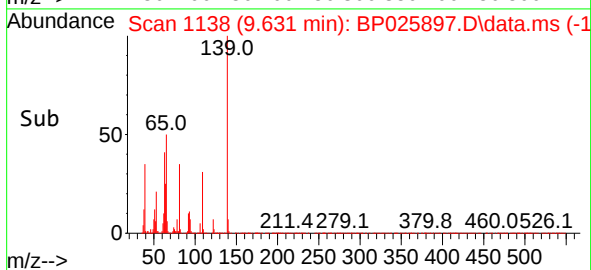
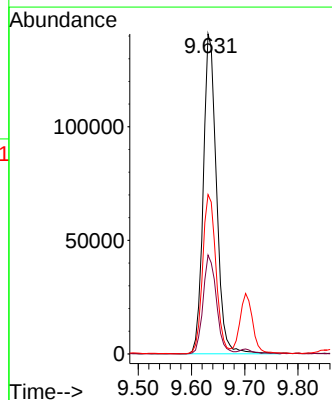
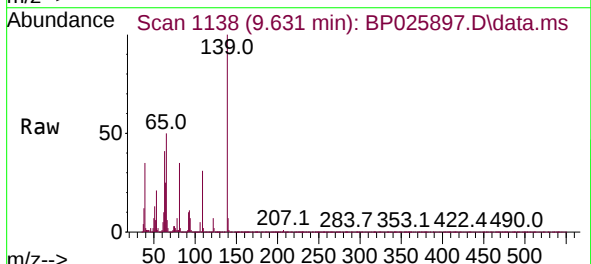
Instrument :
BNA_P
ClientSampleId :
PB169893BS

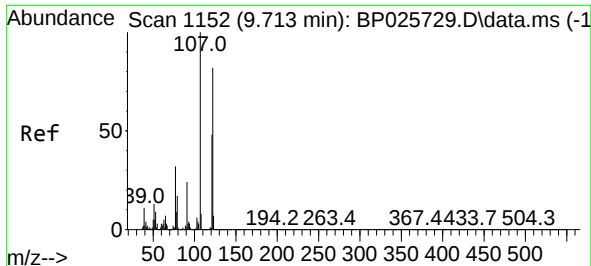
Tgt Ion: 82	Resp: 910721
Ion Ratio	Lower Upper
82 100	
95 7.4	5.8 8.8
138 17.3	13.5 20.3



#26
2-Nitrophenol
Concen: 53.276 ng
RT: 9.631 min Scan# 1138
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:139	Resp: 242681
Ion Ratio	Lower Upper
139 100	
109 30.9	29.0 43.4
65 49.8	46.9 70.3





#27

2,4-Dimethylphenol

Concen: 51.763 ng

RT: 9.702 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Instrument :

BNA_P

ClientSampleId :

PB169893BS

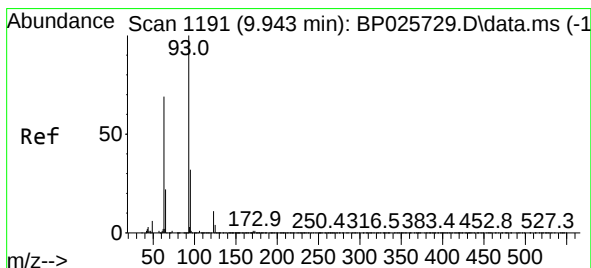
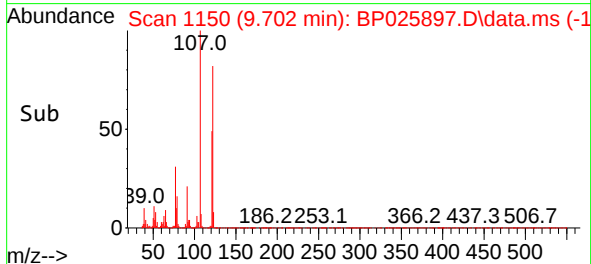
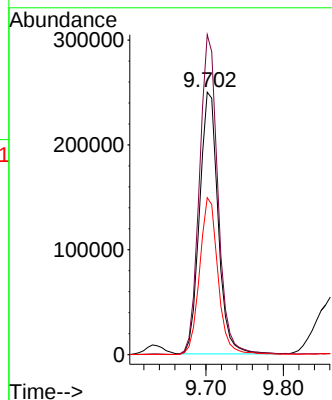
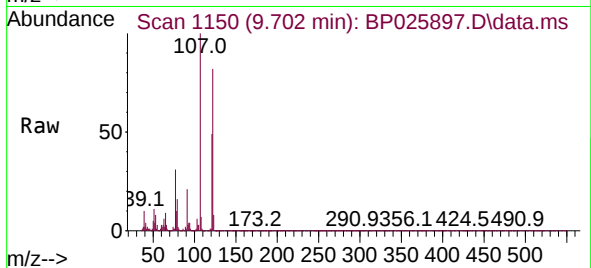
Tgt Ion:122 Resp: 413653

Ion Ratio Lower Upper

122 100

107 121.9 97.9 146.9

121 59.7 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.928 ng

RT: 9.919 min Scan# 1187

Delta R.T. -0.023 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

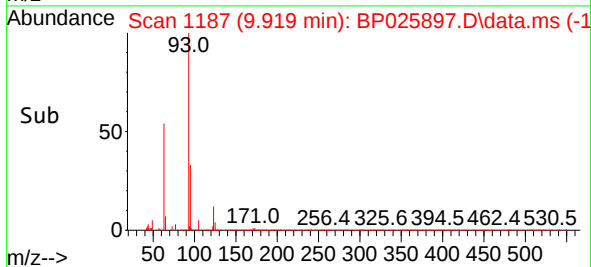
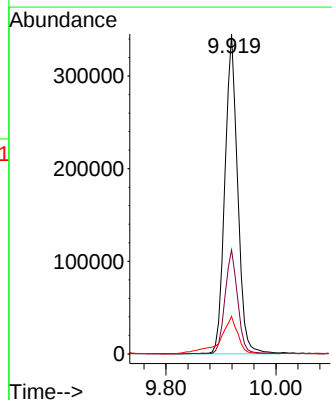
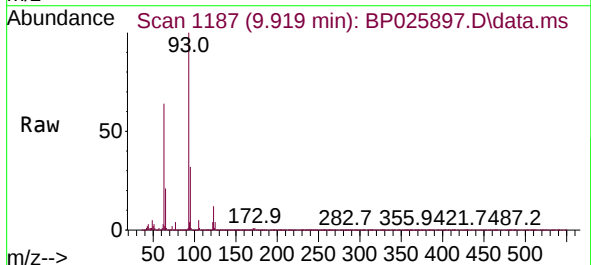
Tgt Ion: 93 Resp: 556913

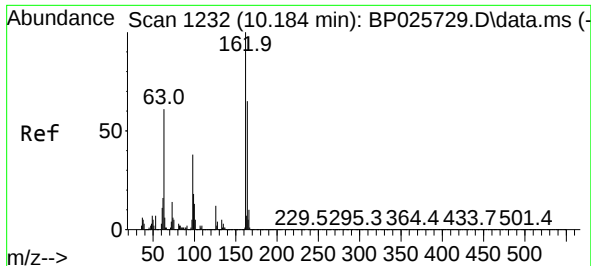
Ion Ratio Lower Upper

93 100

95 32.5 25.6 38.4

123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 54.640 ng

RT: 10.184 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Instrument :

BNA_P

ClientSampleId :

PB169893BS

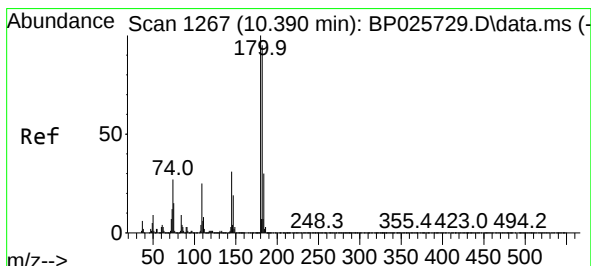
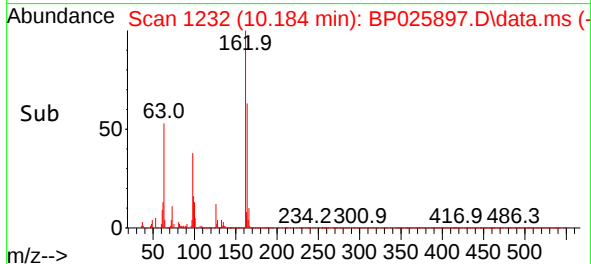
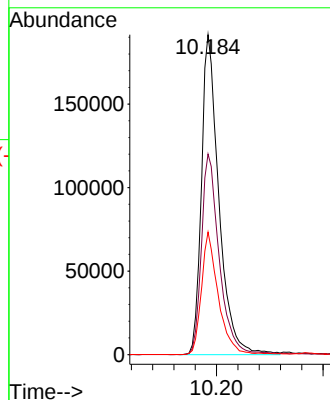
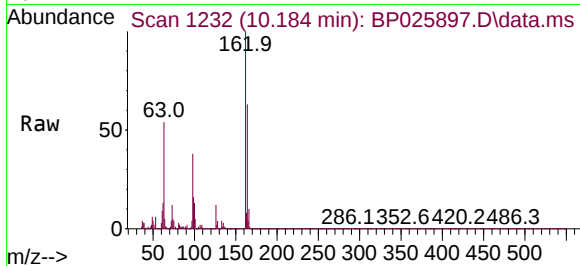
Tgt Ion:162 Resp: 435362

Ion Ratio Lower Upper

162 100

164 62.7 44.7 84.7

98 38.3 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 49.275 ng

RT: 10.372 min Scan# 1264

Delta R.T. -0.018 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

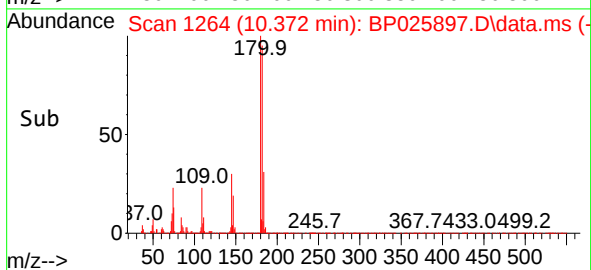
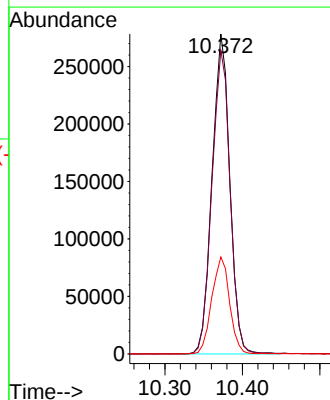
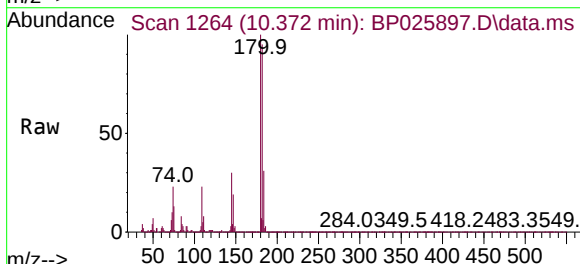
Tgt Ion:180 Resp: 442474

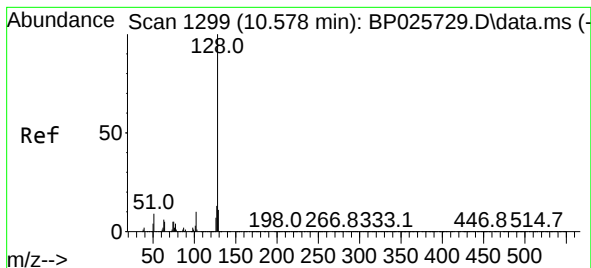
Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

145 30.3 24.7 37.1

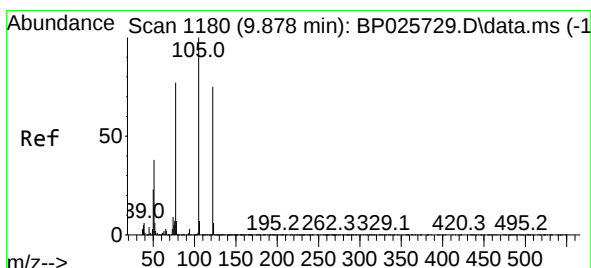
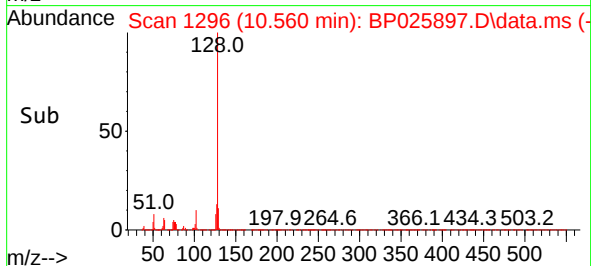
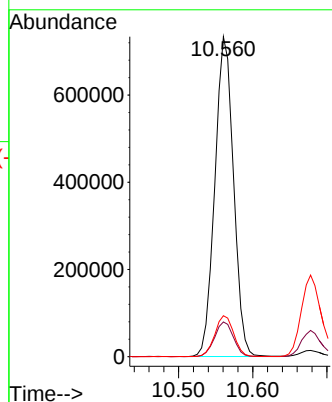
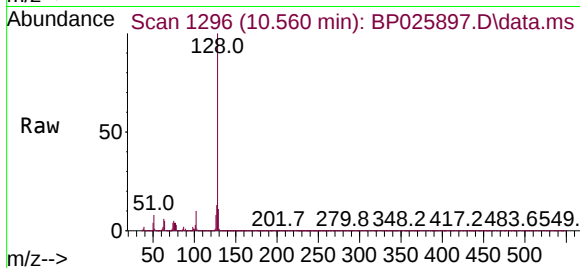




#31
Naphthalene
Concen: 47.157 ng
RT: 10.560 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

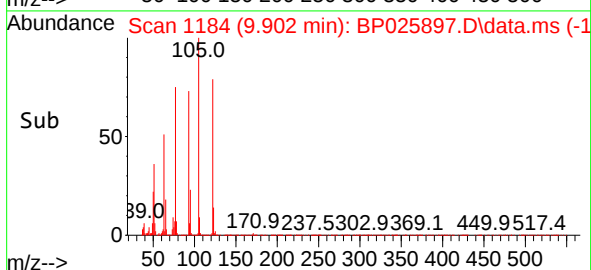
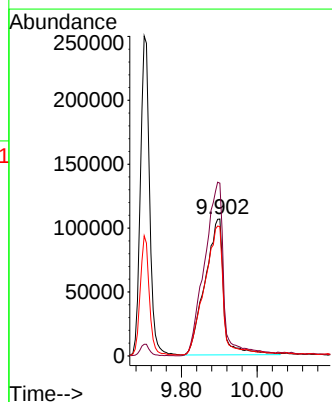
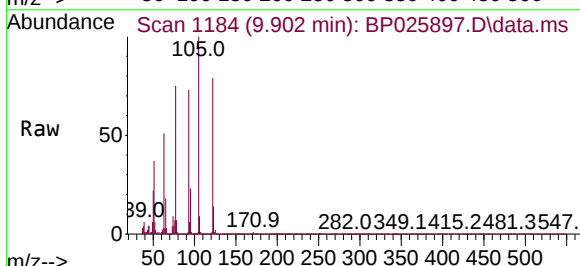
Instrument :
BNA_P
ClientSampleId :
PB169893BS

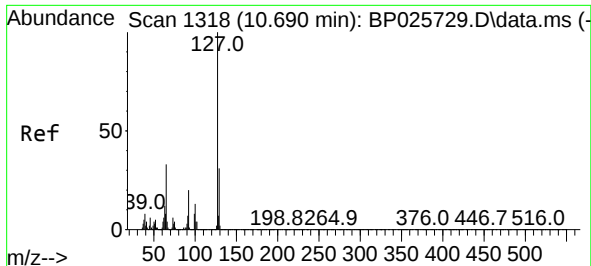
Tgt Ion:128 Resp: 1282763
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 61.863 ng
RT: 9.902 min Scan# 1184
Delta R.T. 0.024 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:122 Resp: 367556
Ion Ratio Lower Upper
122 100
105 126.1 111.5 151.5
77 94.4 81.8 121.8

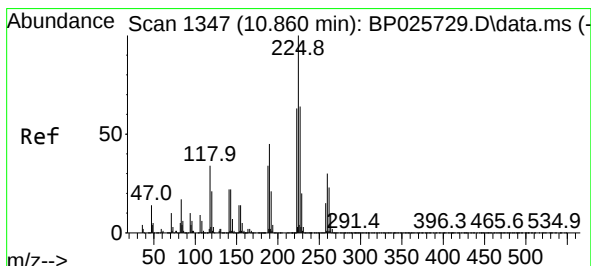
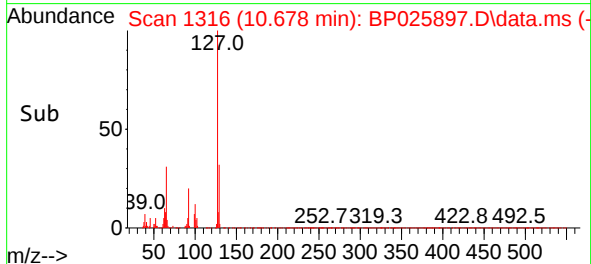
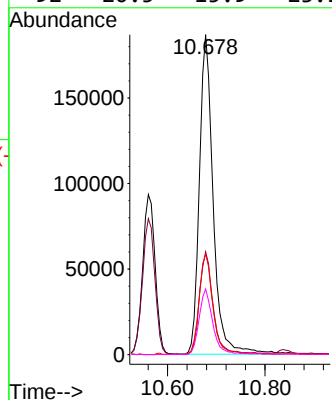
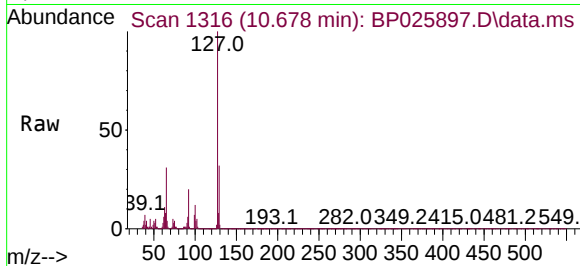




#33
4-Chloroaniline
Concen: 32.378 ng
RT: 10.678 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

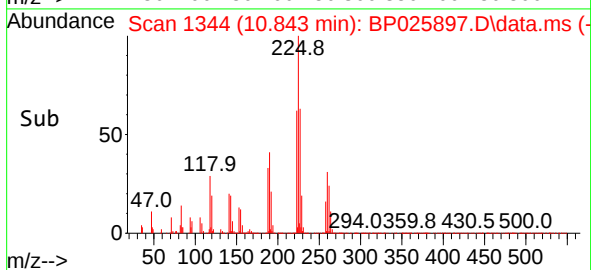
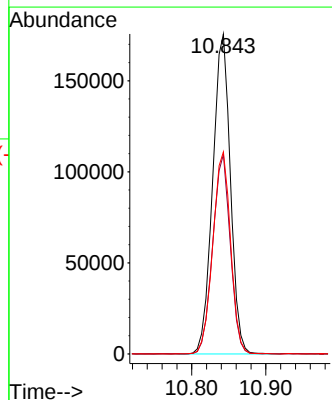
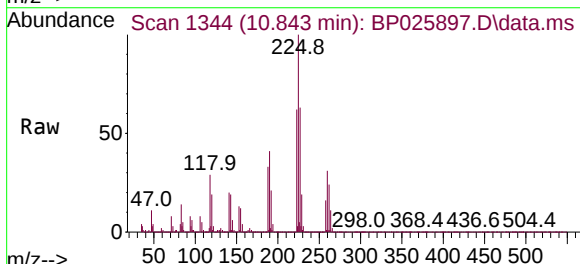
Instrument :
BNA_P
ClientSampleId :
PB169893BS

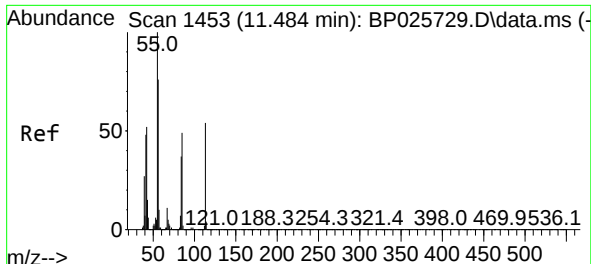
Tgt Ion:	127	Resp:	367101
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.1	37.7
65	31.4	26.4	39.6
92	20.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 50.347 ng
RT: 10.843 min Scan# 1344
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:	225	Resp:	291036
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.1	75.1
227	63.1	51.2	76.8

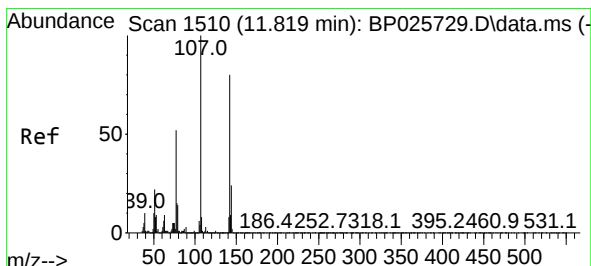
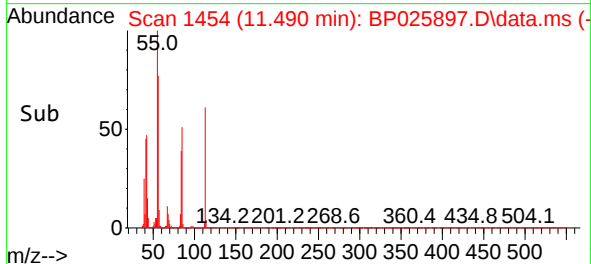
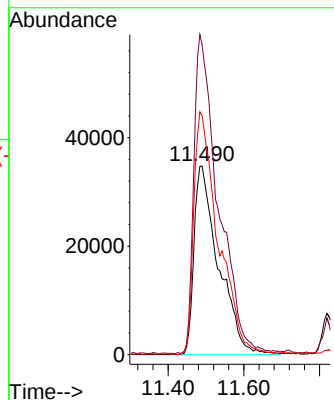
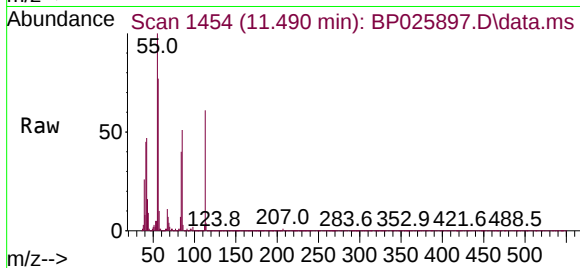




#35
Caprolactam
Concen: 50.712 ng
RT: 11.490 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

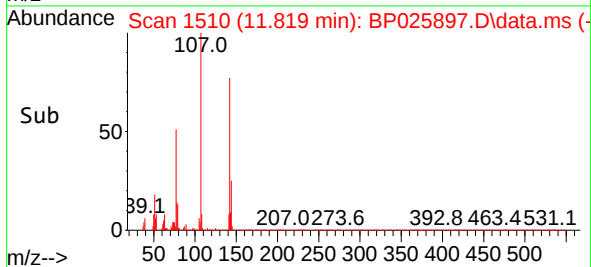
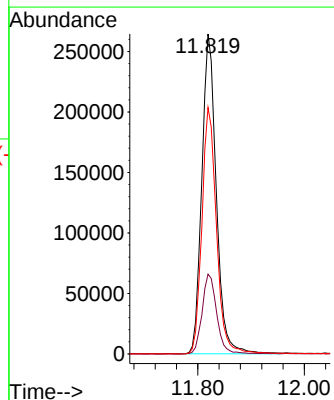
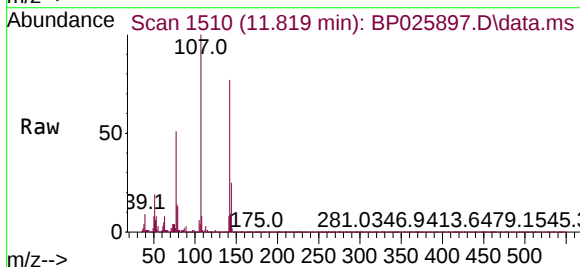
Instrument :
BNA_P
ClientSampleId :
PB169893BS

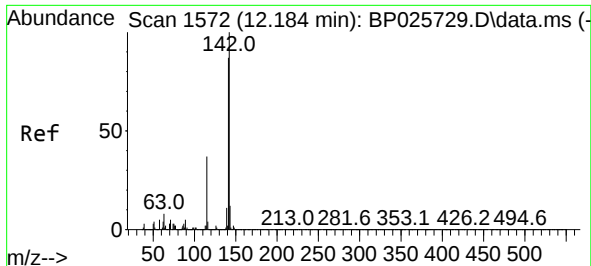
Tgt Ion:113 Resp: 155760
Ion Ratio Lower Upper
113 100
55 164.2 165.5 205.5#
56 126.8 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 52.620 ng
RT: 11.819 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:107 Resp: 499861
Ion Ratio Lower Upper
107 100
144 24.9 19.4 29.2
142 77.0 63.8 95.6

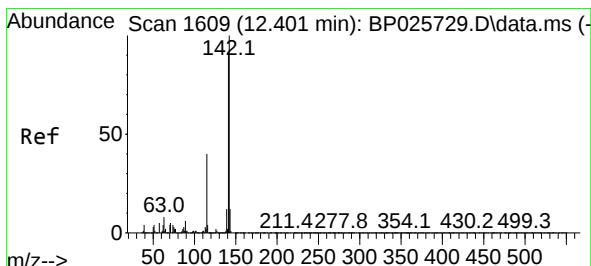
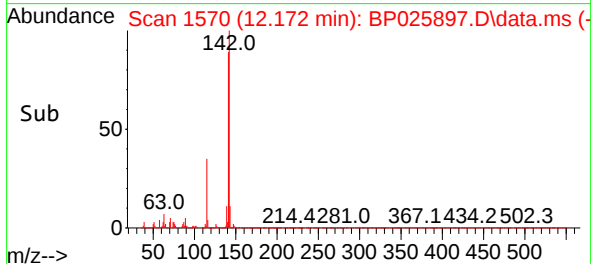
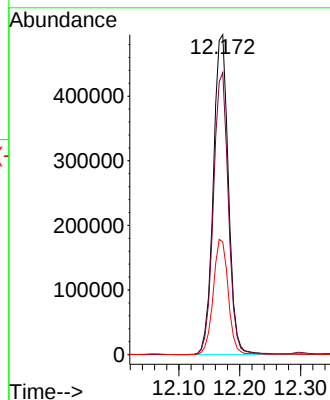
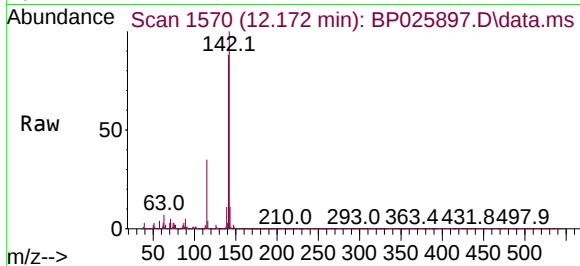




#37
2-Methylnaphthalene
Concen: 48.880 ng
RT: 12.172 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

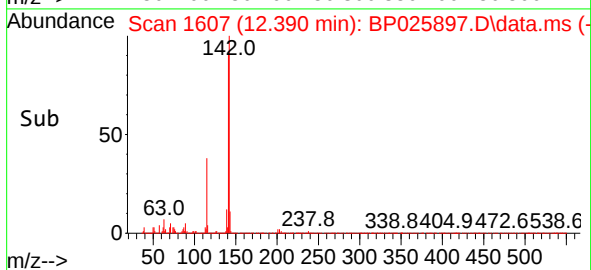
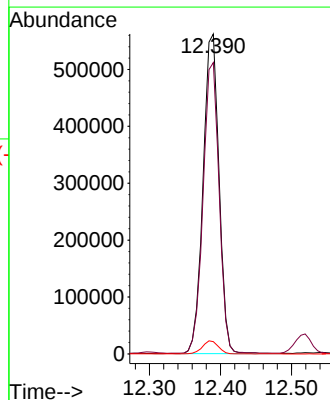
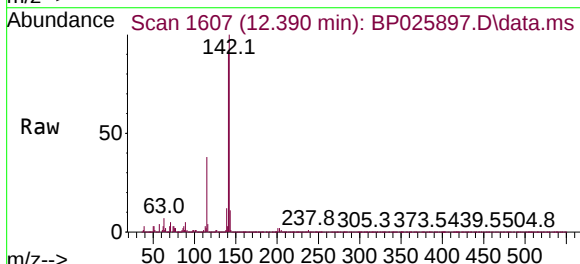
Instrument :
BNA_P
ClientSampleId :
PB169893BS

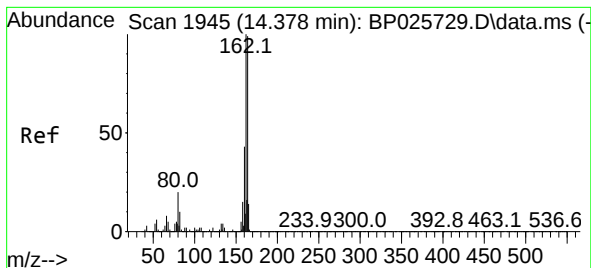
Tgt Ion:142 Resp: 854003
Ion Ratio Lower Upper
142 100
141 88.1 69.6 104.4
115 35.2 30.0 45.0



#38
1-Methylnaphthalene
Concen: 46.837 ng
RT: 12.390 min Scan# 1607
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:142 Resp: 872620
Ion Ratio Lower Upper
142 100
141 91.0 72.7 109.1
116 3.8 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.360 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Instrument :

BNA_P

ClientSampleId :

PB169893BS

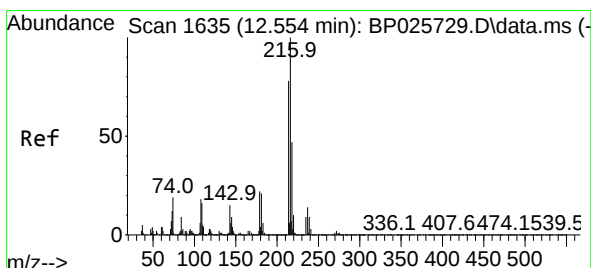
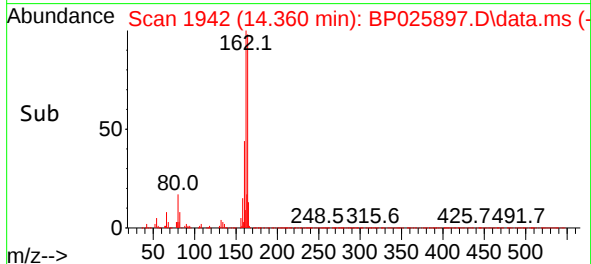
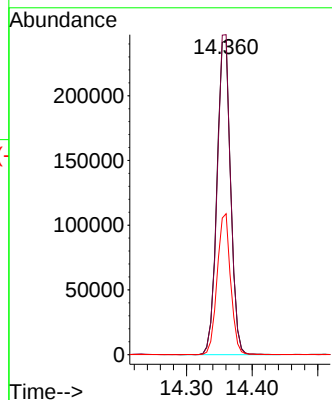
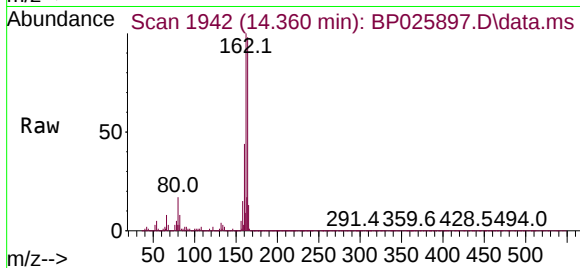
Tgt Ion:164 Resp: 352737

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

160 44.9 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.685 ng

RT: 12.543 min Scan# 1633

Delta R.T. -0.012 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Tgt Ion:216 Resp: 584518

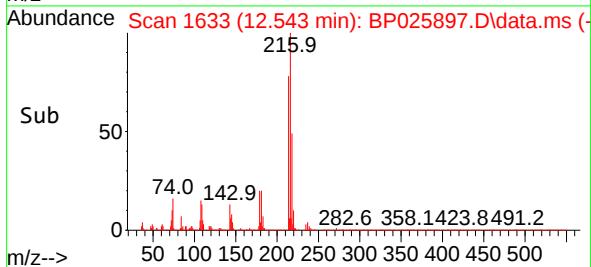
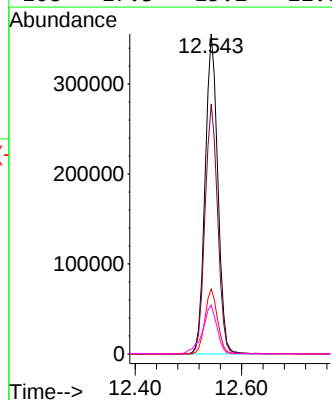
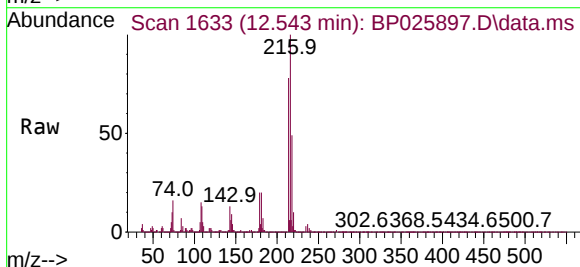
Ion Ratio Lower Upper

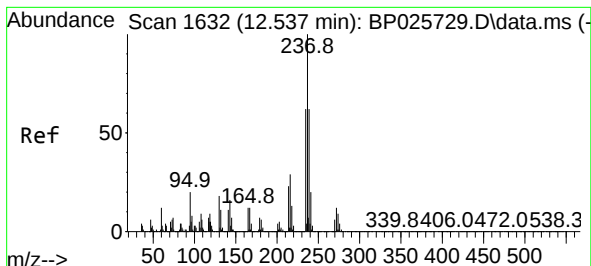
216 100

214 78.4 62.4 93.6

179 20.1 17.0 25.6

108 17.3 15.2 22.8

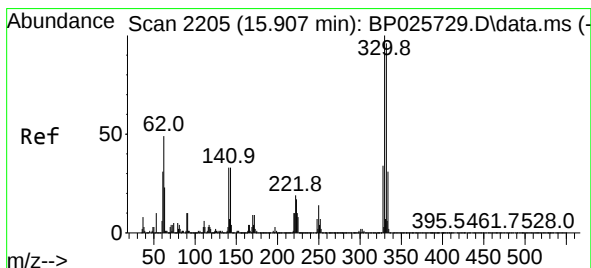
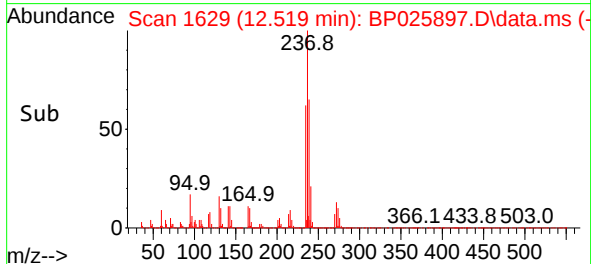
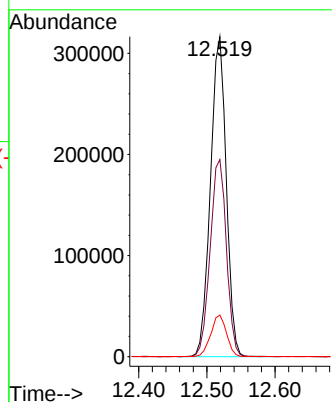
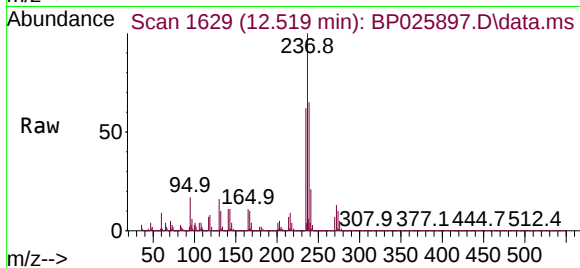




#41
Hexachlorocyclopentadiene
Concen: 87.439 ng
RT: 12.519 min Scan# 1629
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

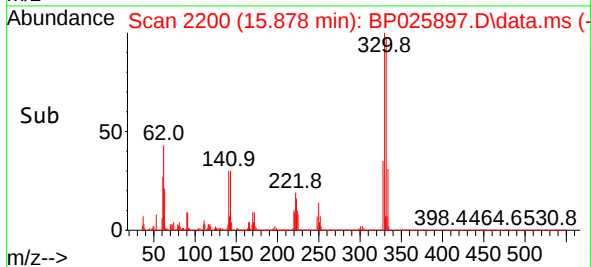
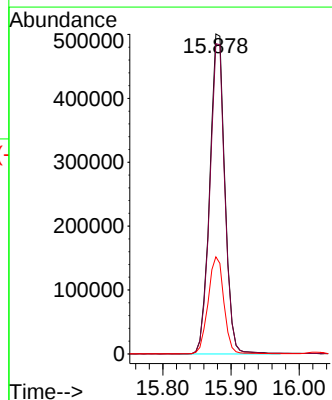
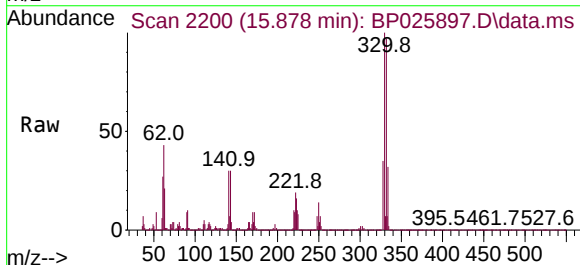
Instrument :
BNA_P
ClientSampleId :
PB169893BS

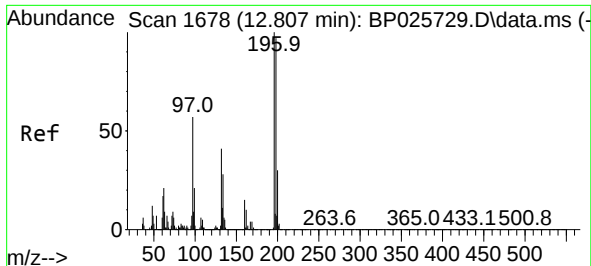
Tgt Ion:237 Resp: 509032
Ion Ratio Lower Upper
237 100
235 61.6 41.9 81.9
272 13.0 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 175.242 ng
RT: 15.878 min Scan# 2200
Delta R.T. -0.029 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:330 Resp: 771010
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 31.6 31.0 46.4

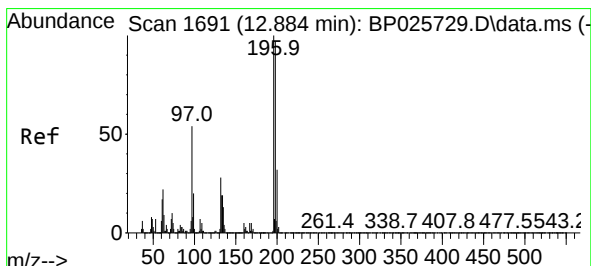
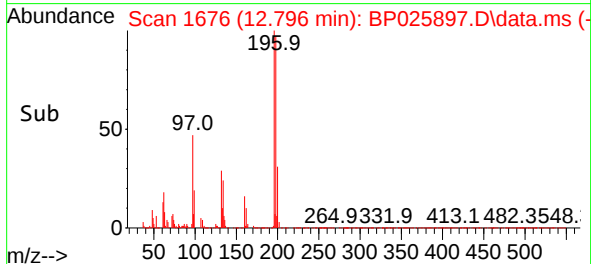
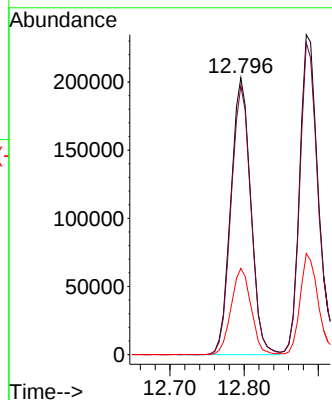
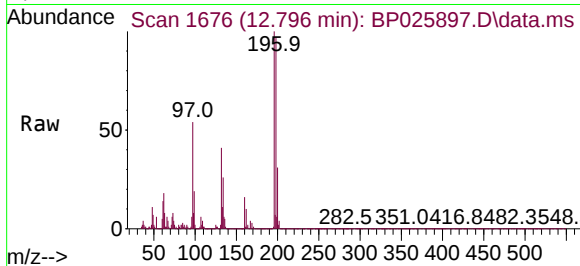




#43
2,4,6-Trichlorophenol
Concen: 54.020 ng
RT: 12.796 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

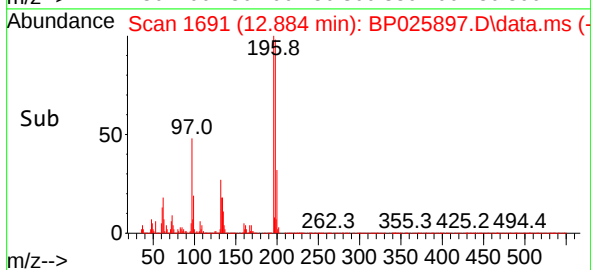
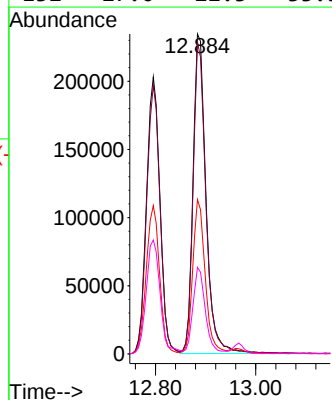
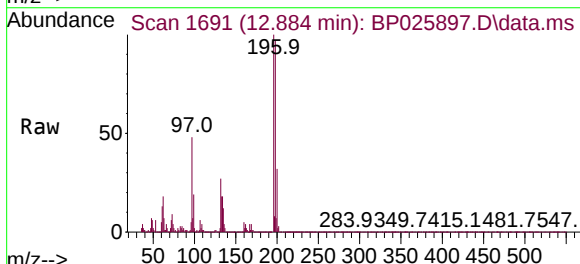
Instrument :
BNA_P
ClientSampleId :
PB169893BS

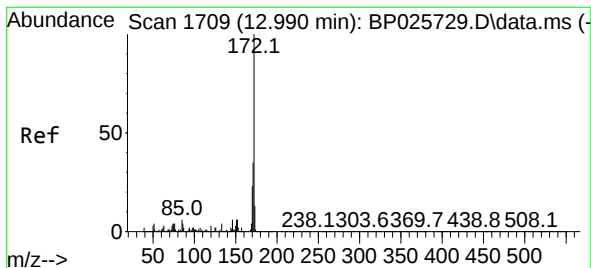
Tgt Ion:196 Resp: 379591
Ion Ratio Lower Upper
196 100
198 97.1 77.2 115.8
200 31.1 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 53.813 ng
RT: 12.884 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:196 Resp: 420836
Ion Ratio Lower Upper
196 100
198 97.5 77.8 116.8
97 48.2 43.3 64.9
132 27.0 22.3 33.5

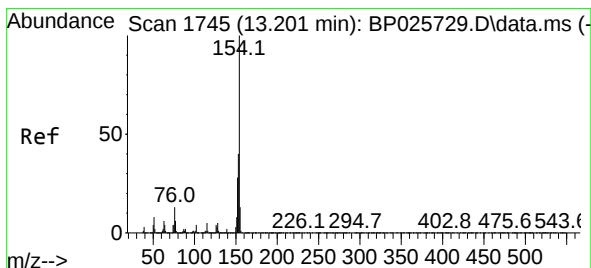
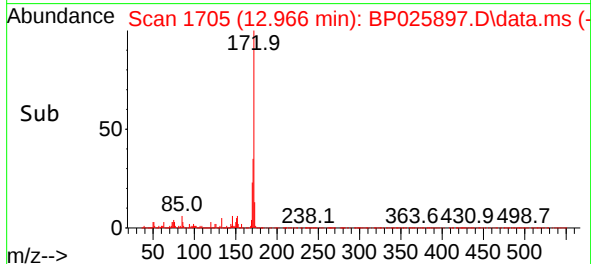
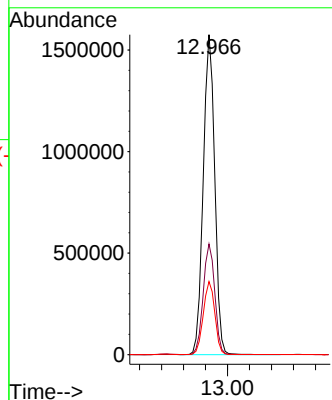
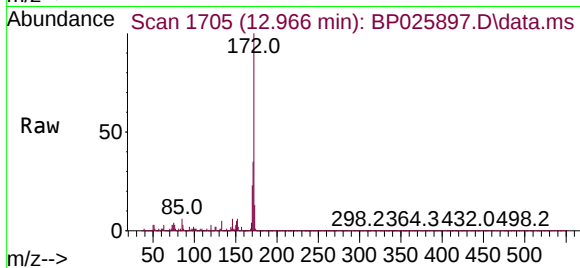




#45
2-Fluorobiphenyl
Concen: 86.107 ng
RT: 12.966 min Scan# 1705
Delta R.T. -0.023 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

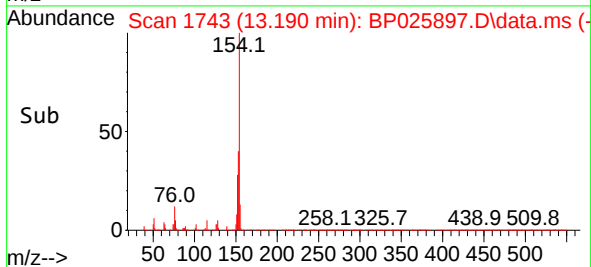
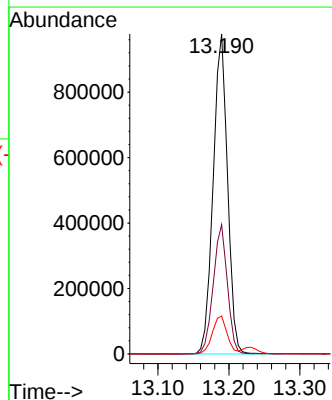
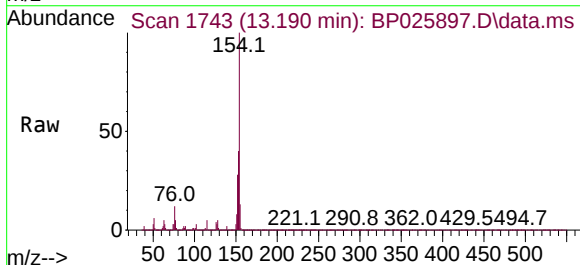
Instrument :
BNA_P
ClientSampleId :
PB169893BS

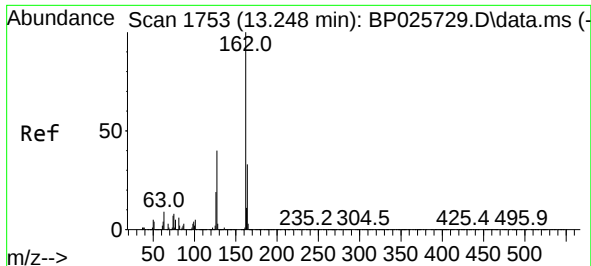
Tgt Ion:172 Resp: 2281102
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 22.8 18.6 27.8



#46
1,1'-Biphenyl
Concen: 53.065 ng
RT: 13.190 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:154 Resp: 1373906
Ion Ratio Lower Upper
154 100
153 40.4 19.7 59.7
76 11.8 0.0 33.3

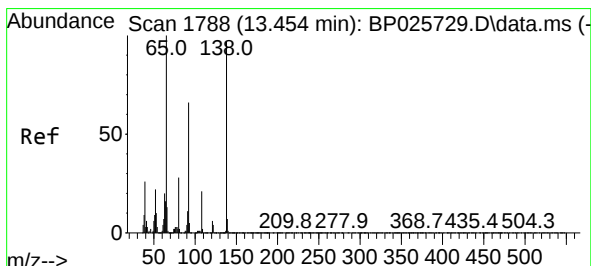
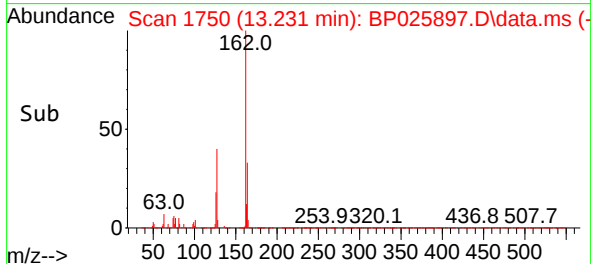
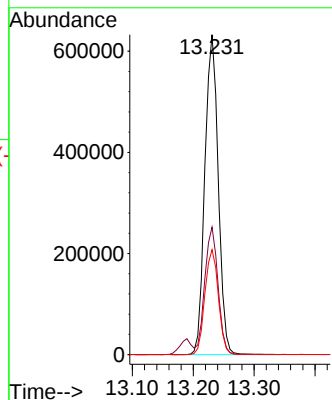
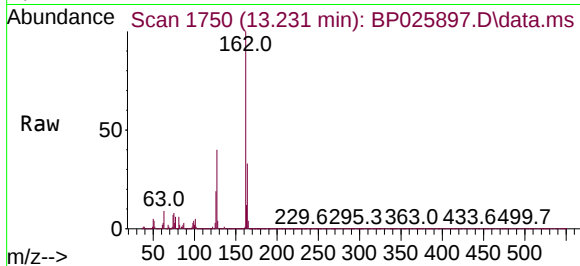




#47
2-Chloronaphthalene
Concen: 47.260 ng
RT: 13.231 min Scan# 1750
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

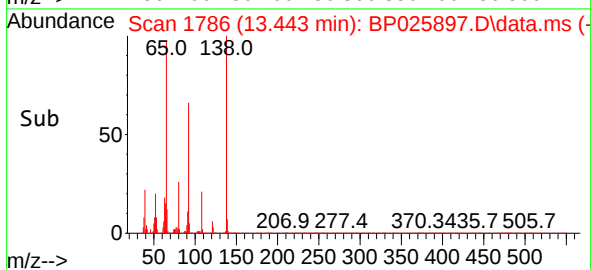
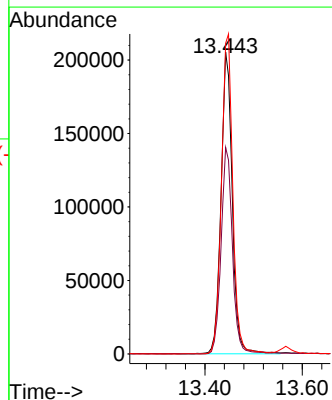
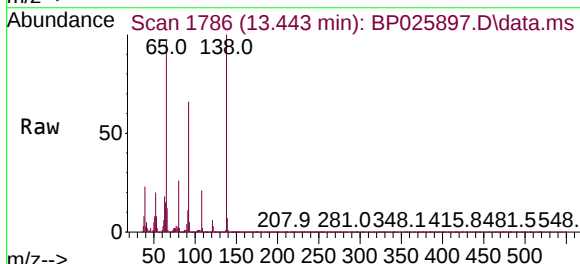
Instrument :
BNA_P
ClientSampleId :
PB169893BS

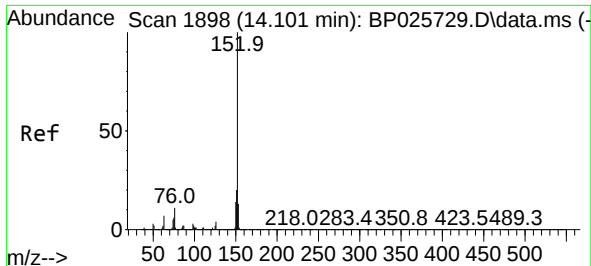
Tgt Ion:162 Resp: 963472
Ion Ratio Lower Upper
162 100
127 39.8 32.2 48.4
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 48.082 ng
RT: 13.443 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion: 65 Resp: 326752
Ion Ratio Lower Upper
65 100
92 68.4 53.1 79.7
138 102.9 77.8 116.8

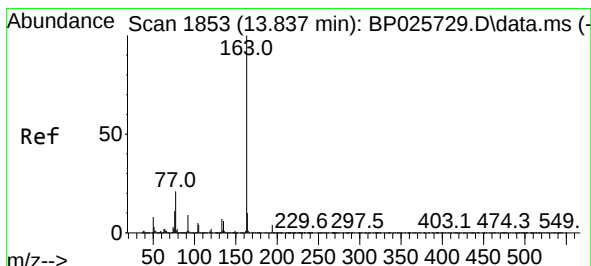
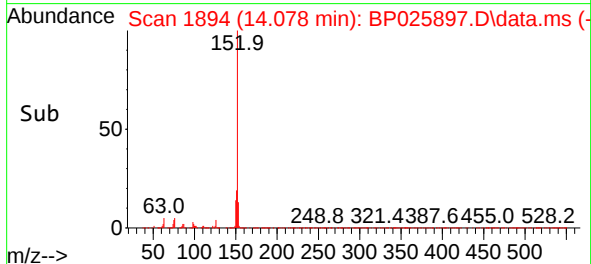
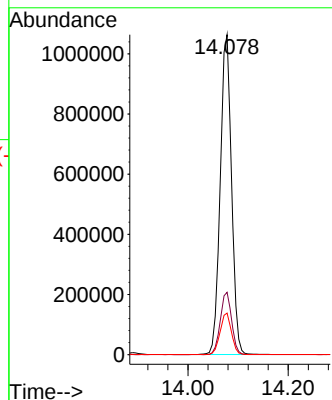
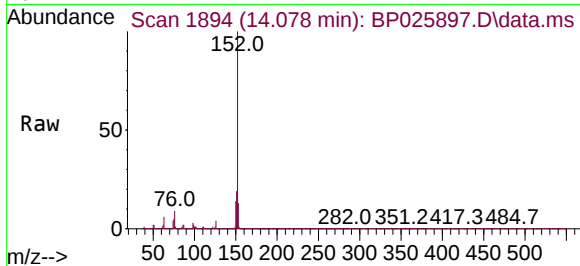




#49
Acenaphthylene
Concen: 49.222 ng
RT: 14.078 min Scan# 1894
Delta R.T. -0.023 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

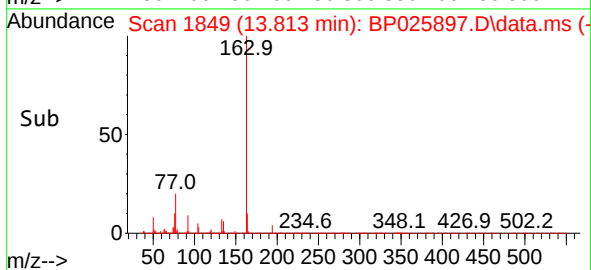
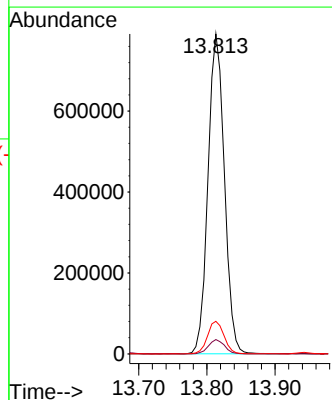
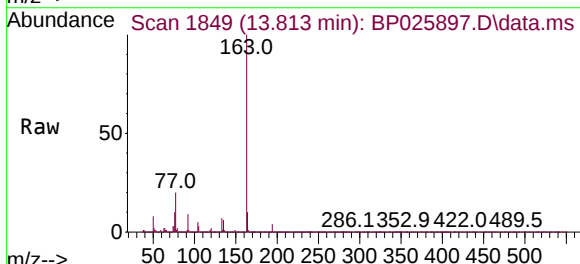
Instrument :
BNA_P
ClientSampleId :
PB169893BS

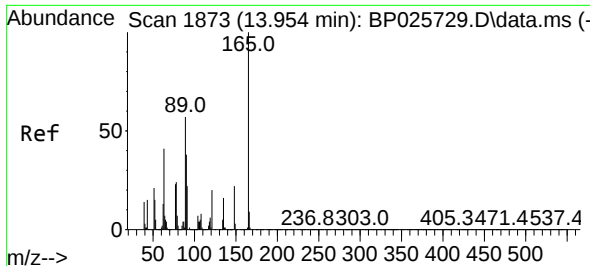
Tgt Ion:152 Resp: 1662644
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 49.149 ng
RT: 13.813 min Scan# 1849
Delta R.T. -0.023 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:163 Resp: 1323593
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.2 8.2 12.2

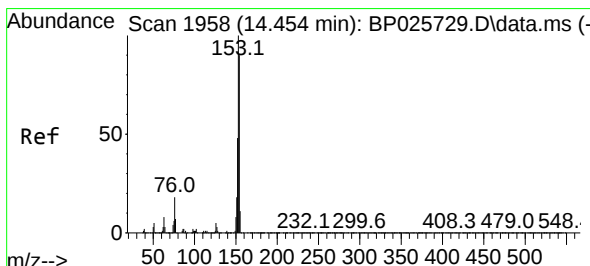
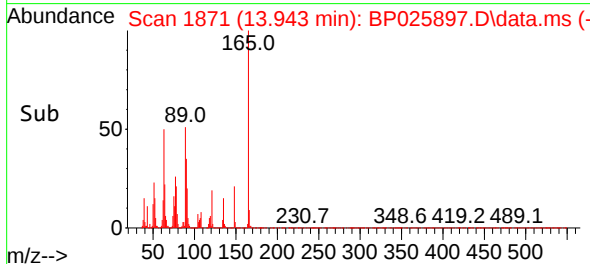
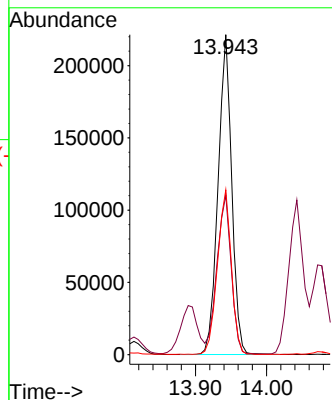
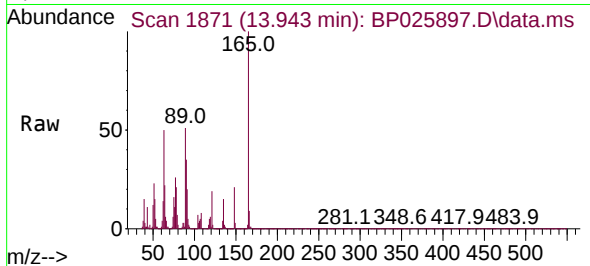




#51
2,6-Dinitrotoluene
Concen: 51.974 ng
RT: 13.943 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

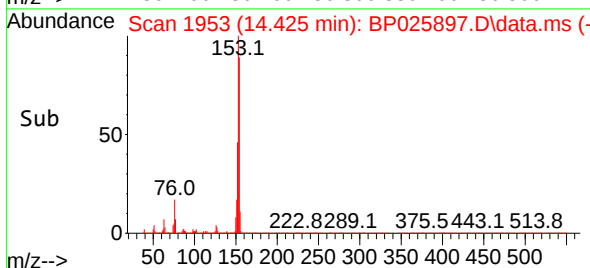
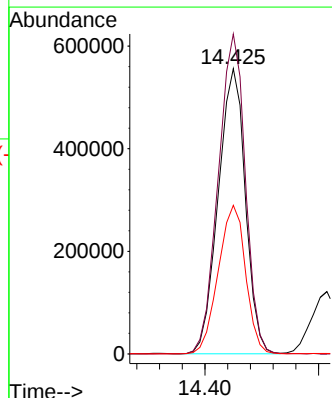
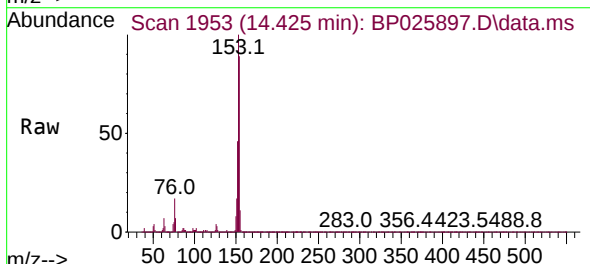
Instrument :
BNA_P
ClientSampleId :
PB169893BS

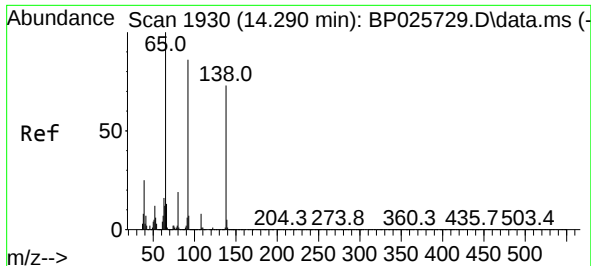
Tgt Ion:165 Resp: 296540
Ion Ratio Lower Upper
165 100
63 49.8 48.1 72.1
89 51.5 45.4 68.0



#52
Acenaphthene
Concen: 47.360 ng
RT: 14.425 min Scan# 1953
Delta R.T. -0.029 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:154 Resp: 922567
Ion Ratio Lower Upper
154 100
153 112.2 89.4 134.0
152 52.1 42.5 63.7

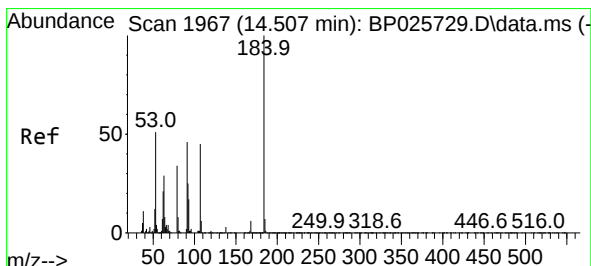
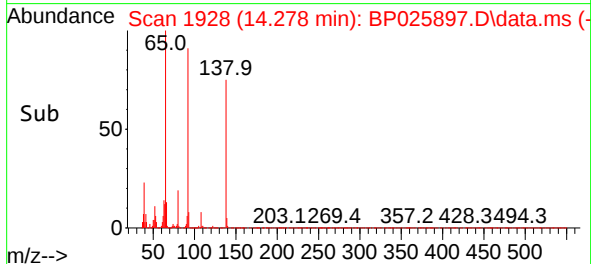
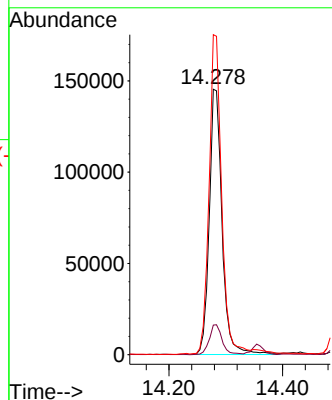
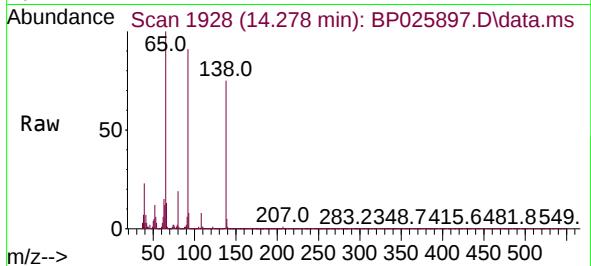




#53
3-Nitroaniline
Concen: 38.215 ng
RT: 14.278 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

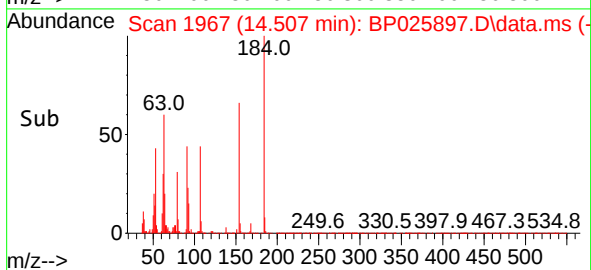
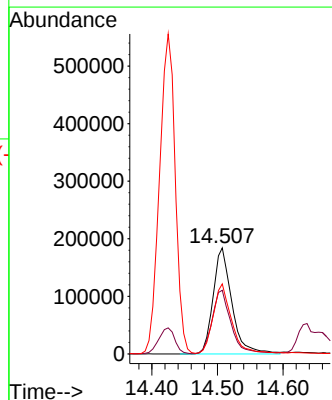
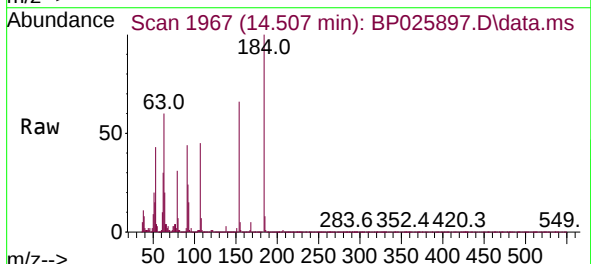
Instrument :
BNA_P
ClientSampleId :
PB169893BS

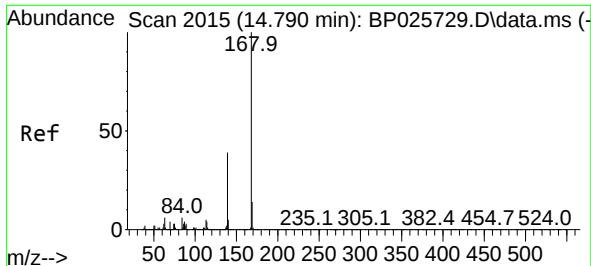
Tgt Ion:138 Resp: 229289
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 120.6 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 97.484 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:184 Resp: 365794
Ion Ratio Lower Upper
184 100
63 59.9 52.5 78.7
154 66.0 51.5 77.3

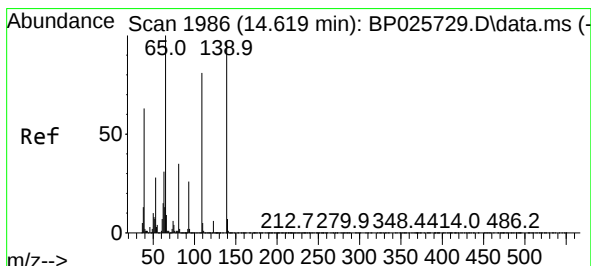
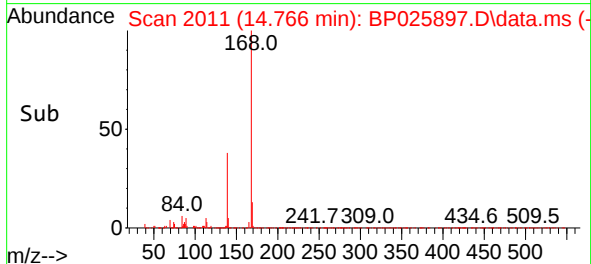
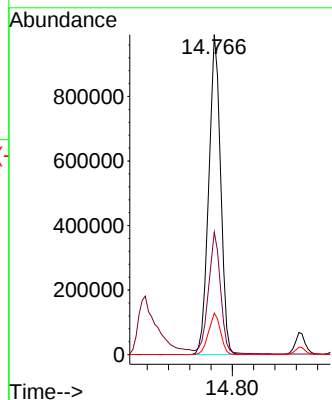
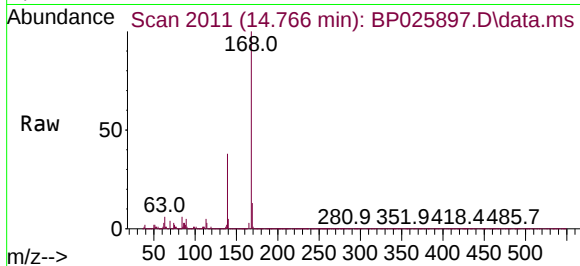




#55
Dibenzofuran
Concen: 48.265 ng
RT: 14.766 min Scan# 2015
Delta R.T. -0.023 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

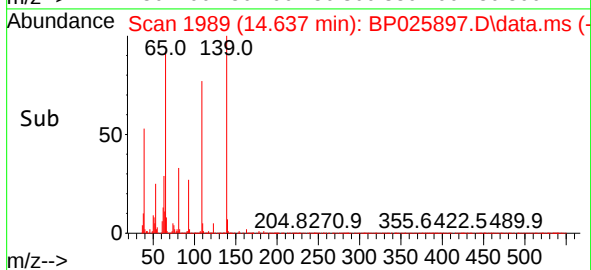
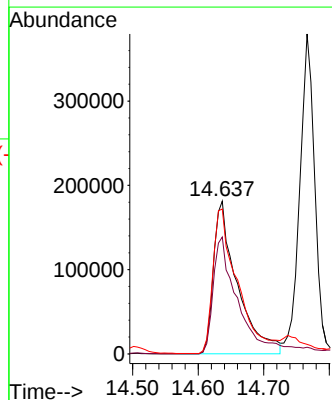
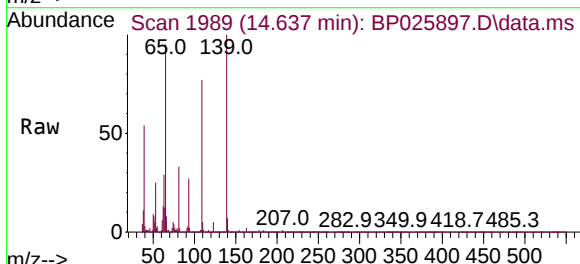
Instrument :
BNA_P
ClientSampleId :
PB169893BS

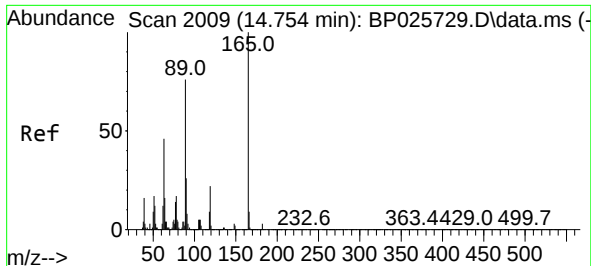
Tgt Ion:168 Resp: 1532321
Ion Ratio Lower Upper
168 100
139 38.3 31.7 47.5
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 87.844 ng
RT: 14.637 min Scan# 1989
Delta R.T. 0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:139 Resp: 456287
Ion Ratio Lower Upper
139 100
109 76.5 62.9 102.9
65 94.8 83.4 123.4

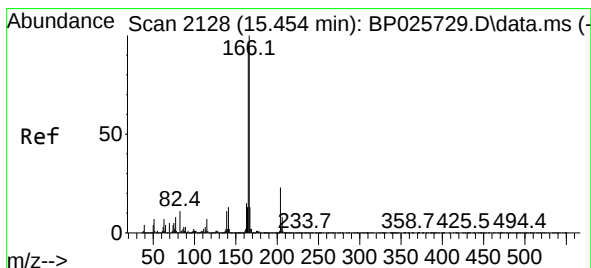
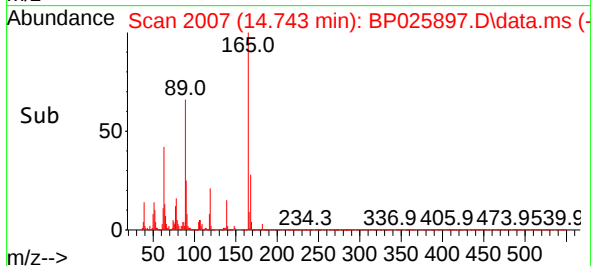
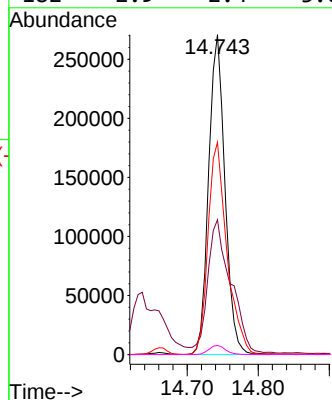
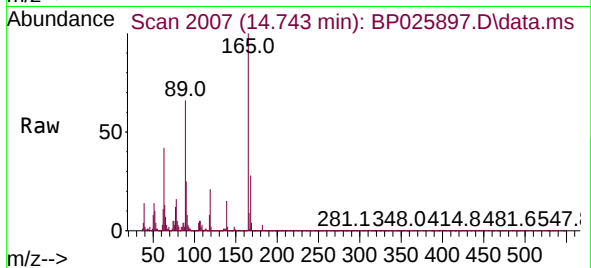




#57
2,4-Dinitrotoluene
Concen: 53.038 ng
RT: 14.743 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

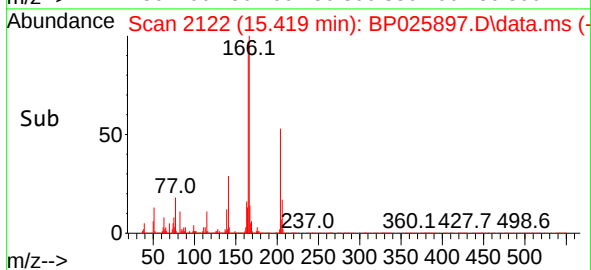
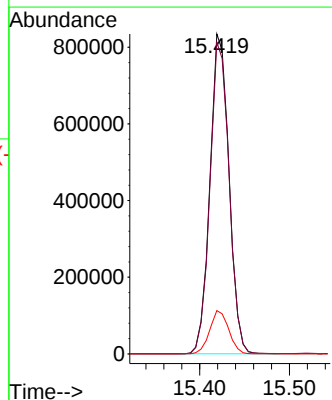
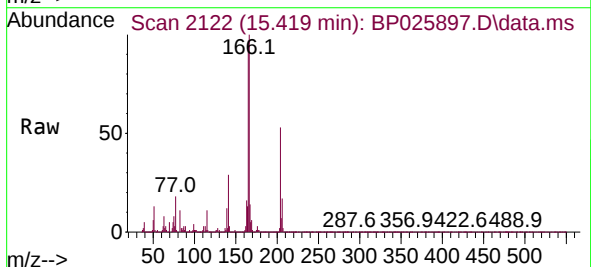
Instrument :
BNA_P
ClientSampleId :
PB169893BS

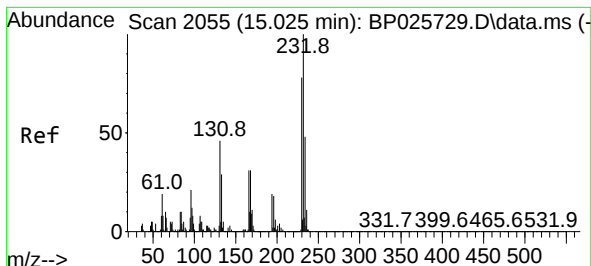
Tgt Ion:	165	Resp:	430660
Ion Ratio	Lower	Upper	
165	100		
63	42.1	37.7	56.5
89	66.4	61.0	91.6
182	2.9	2.4	3.6



#58
Fluorene
Concen: 49.101 ng
RT: 15.419 min Scan# 2122
Delta R.T. -0.035 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:	166	Resp:	1239584
Ion Ratio	Lower	Upper	
166	100		
165	97.4	77.7	116.5
167	13.5	10.6	16.0

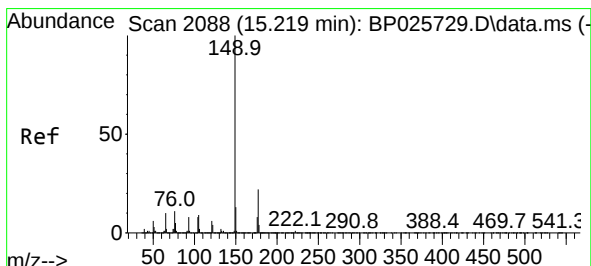
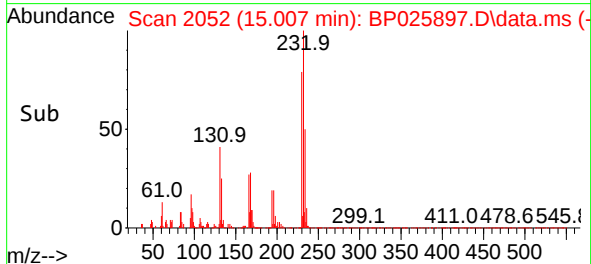
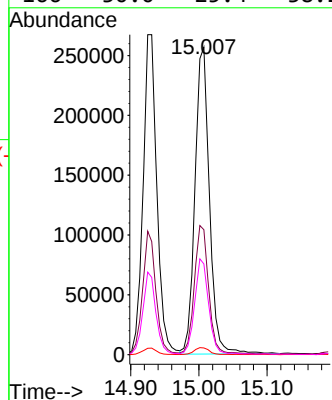
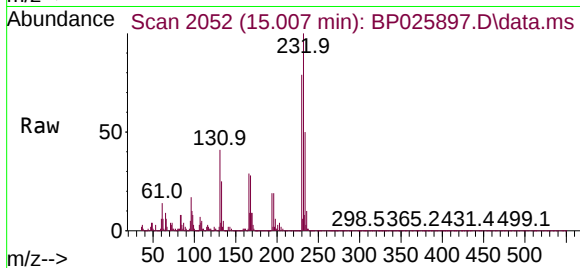




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.741 ng
RT: 15.007 min Scan# 2052
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

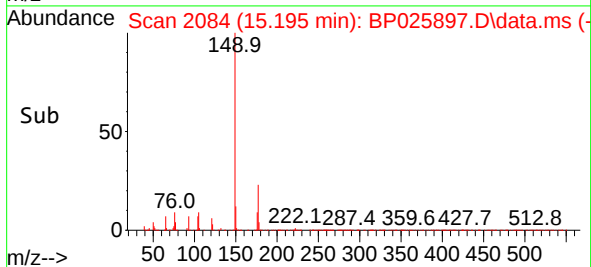
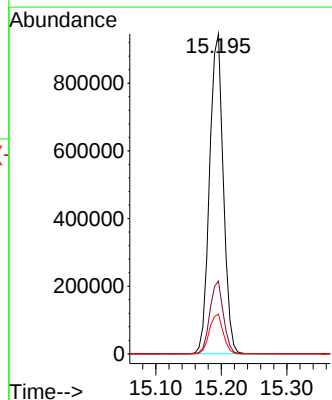
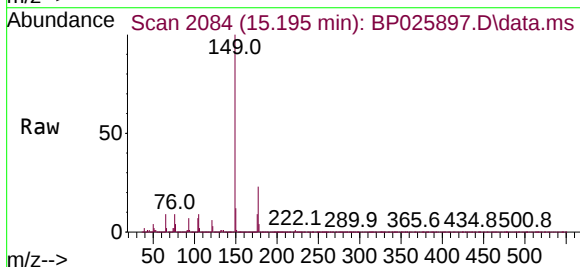
Instrument :
BNA_P
ClientSampleId :
PB169893BS

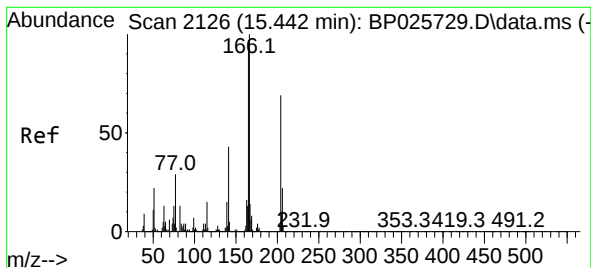
Tgt Ion:232	Resp:	378591
Ion Ratio	Lower	Upper
232	100	
131	41.3	36.7 55.1
130	2.4	2.0 3.0
166	30.0	25.4 38.2



#60
Diethylphthalate
Concen: 50.338 ng
RT: 15.195 min Scan# 2084
Delta R.T. -0.023 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:149	Resp:	1375071
Ion Ratio	Lower	Upper
149	100	
177	22.8	17.7 26.5
150	12.4	10.0 15.0

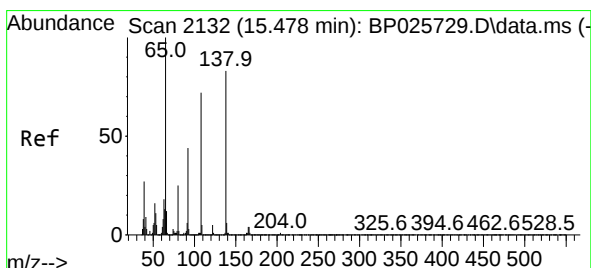
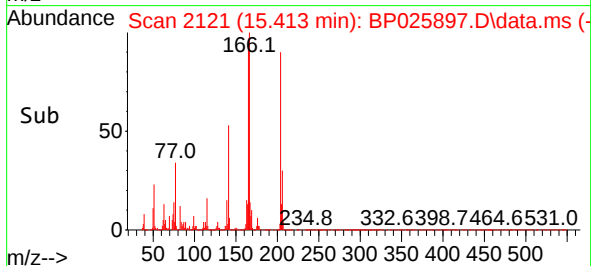
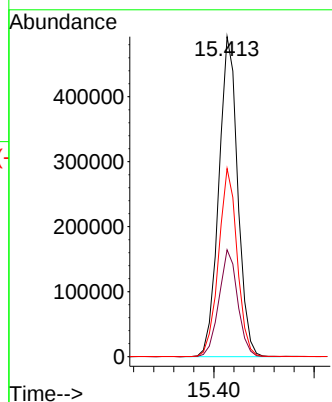
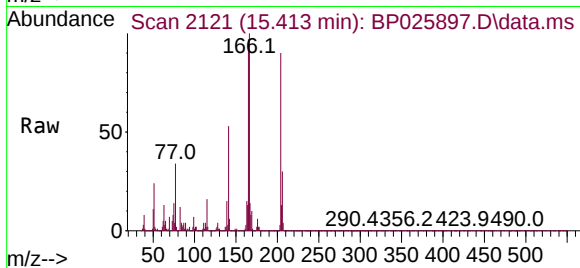




#61
4-Chlorophenyl-phenylether
Concen: 50.777 ng
RT: 15.413 min Scan# 2112
Delta R.T. -0.029 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

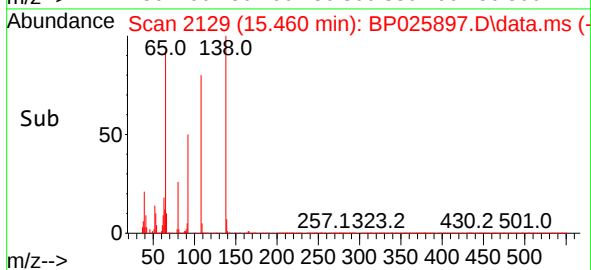
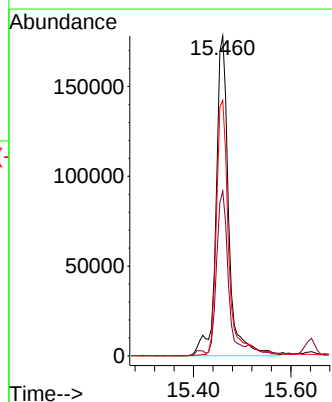
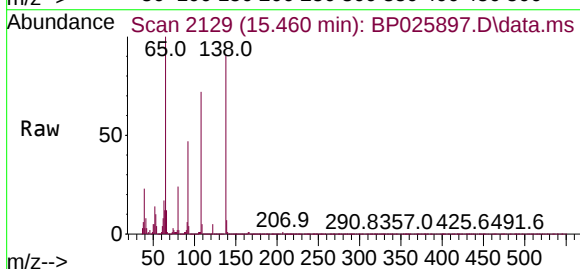
Instrument :
BNA_P
ClientSampleId :
PB169893BS

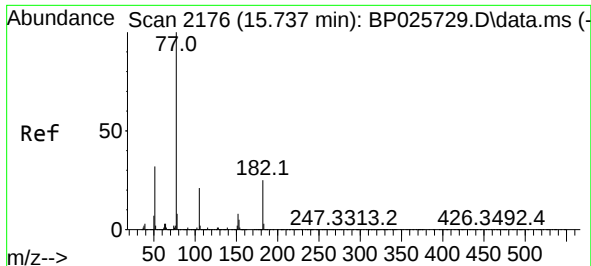
Tgt Ion:204 Resp: 646042
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 58.8 49.7 74.5



#62
4-Nitroaniline
Concen: 52.121 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:138 Resp: 320371
Ion Ratio Lower Upper
138 100
92 51.5 33.3 73.3
108 79.9 66.7 106.7

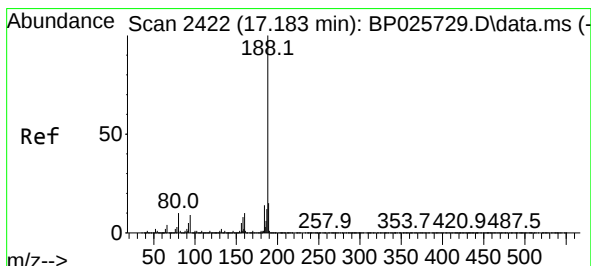
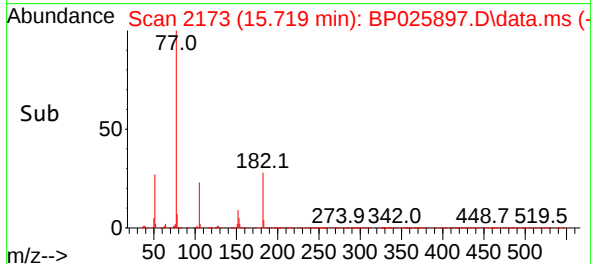
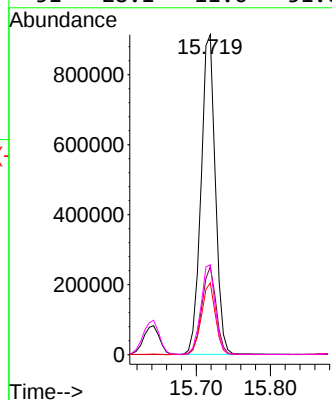
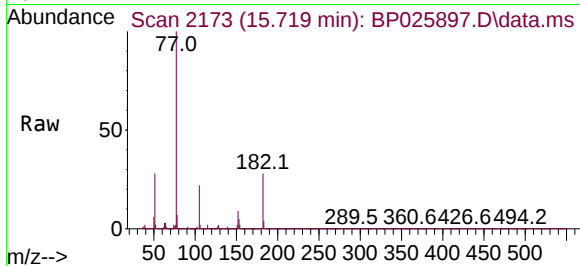




#63
Azobenzene
Concen: 46.321 ng
RT: 15.719 min Scan# 2173
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

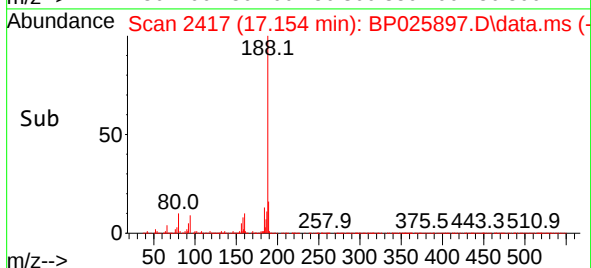
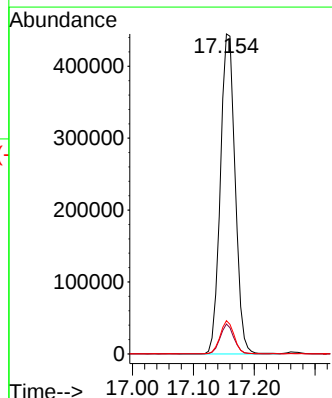
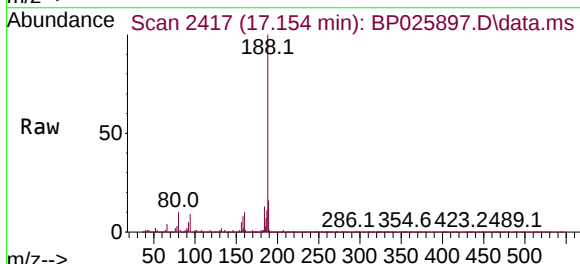
Instrument :
BNA_P
ClientSampleId :
PB169893BS

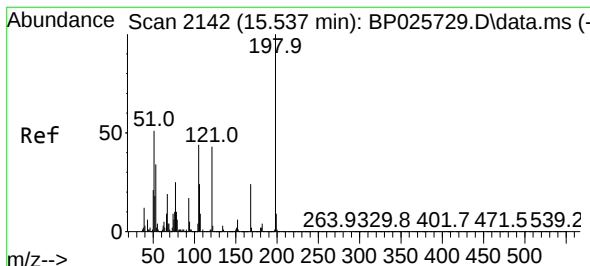
Tgt Ion: 77 Resp: 1223498
Ion Ratio Lower Upper
77 100
182 27.5 5.2 45.2
105 22.4 1.1 41.1
51 28.1 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.154 min Scan# 2417
Delta R.T. -0.029 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:188 Resp: 750935
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.4 7.7 11.5

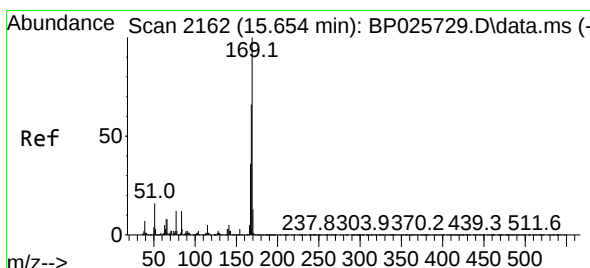
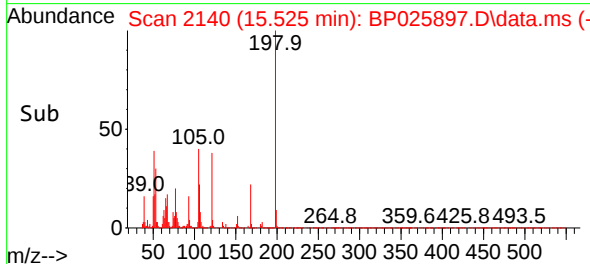
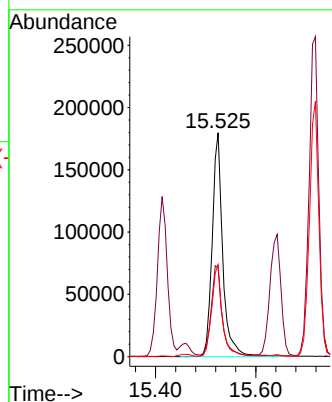
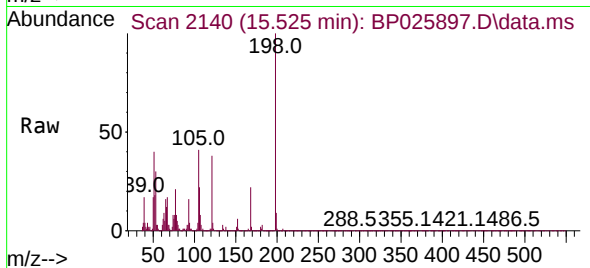




#65
4,6-Dinitro-2-methylphenol
Concen: 52.540 ng
RT: 15.525 min Scan# 2142
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

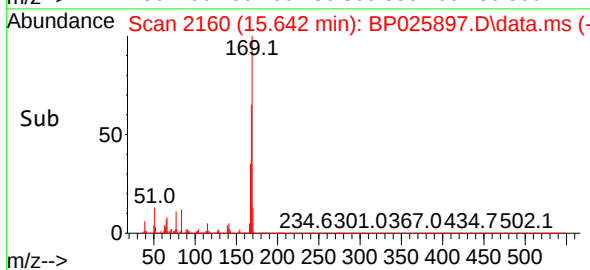
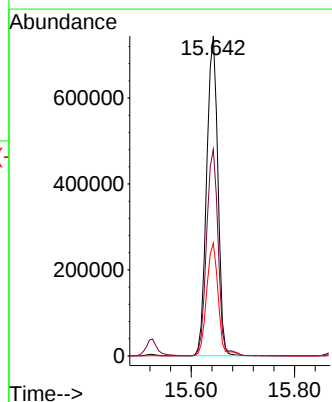
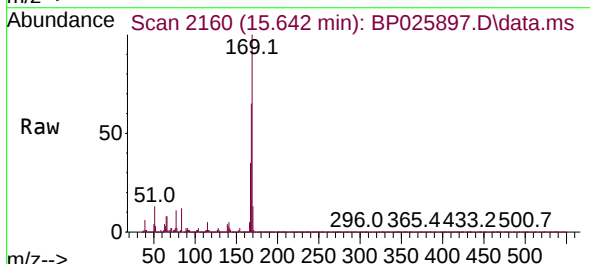
Instrument :
BNA_P
ClientSampleId :
PB169893BS

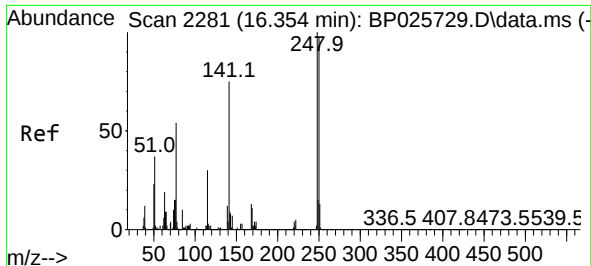
Tgt Ion:198 Resp: 262384
Ion Ratio Lower Upper
198 100
51 39.7 33.4 73.4
105 41.1 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 48.812 ng
RT: 15.642 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:169 Resp: 1121729
Ion Ratio Lower Upper
169 100
168 64.6 52.6 78.8
167 35.3 28.5 42.7

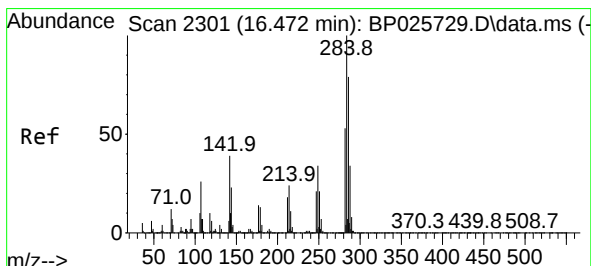
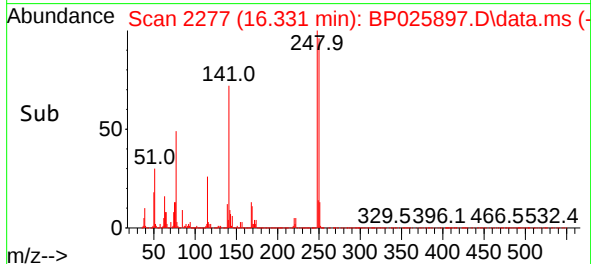
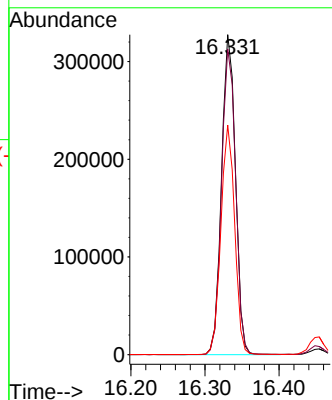
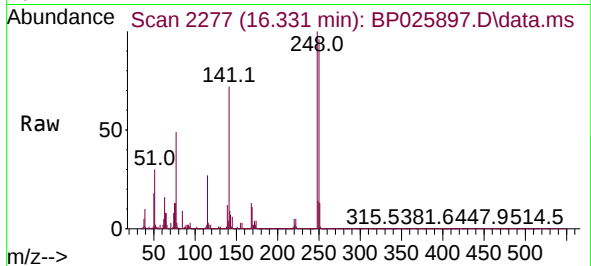




#67
4-Bromophenyl-phenylether
Concen: 51.626 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

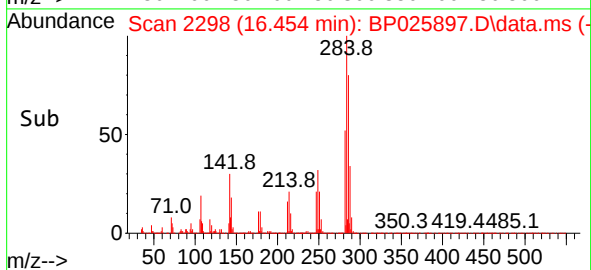
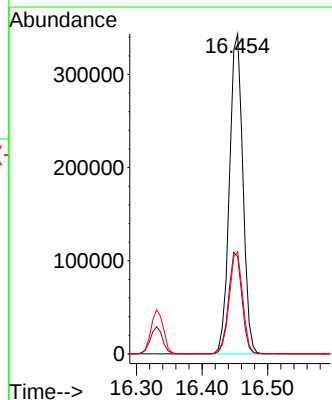
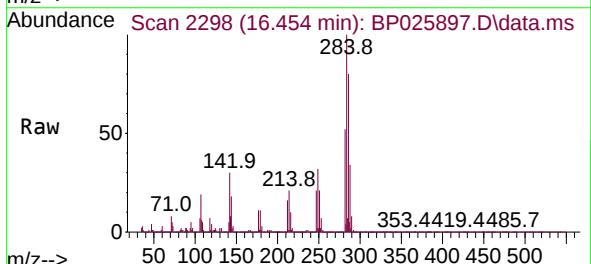
Instrument :
BNA_P
ClientSampleId :
PB169893BS

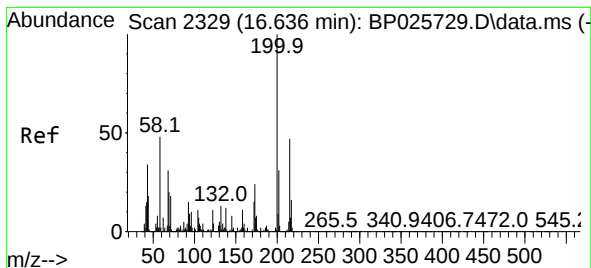
Tgt Ion:248 Resp: 425899
Ion Ratio Lower Upper
248 100
250 95.5 77.5 116.3
141 71.7 60.2 90.4



#68
Hexachlorobenzene
Concen: 53.140 ng
RT: 16.454 min Scan# 2298
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:284 Resp: 488873
Ion Ratio Lower Upper
284 100
142 30.4 31.3 46.9#
249 31.9 27.3 40.9





#69

Atrazine

Concen: 52.432 ng

RT: 16.619 min Scan# 2329

Delta R.T. -0.018 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Instrument :

BNA_P

ClientSampleId :

PB169893BS

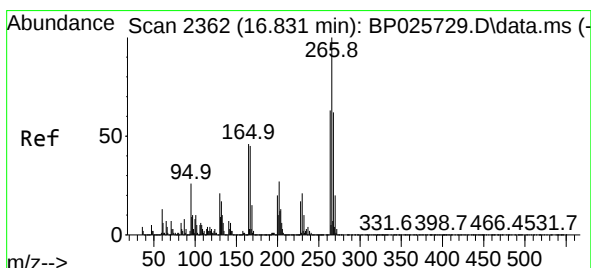
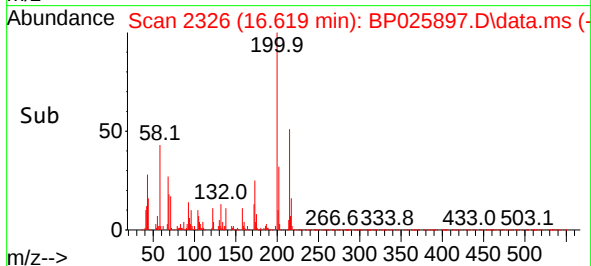
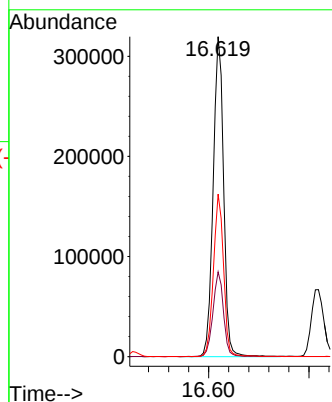
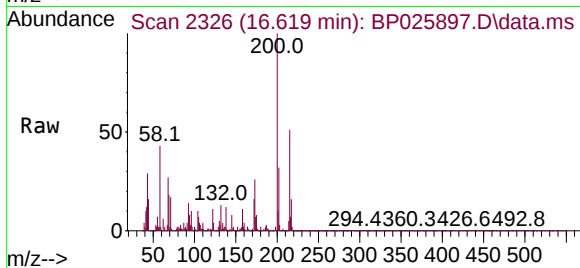
Tgt Ion:200 Resp: 460571

Ion Ratio Lower Upper

200 100

173 26.5 4.2 44.2

215 50.8 27.3 67.3



#70

Pentachlorophenol

Concen: 102.262 ng

RT: 16.819 min Scan# 2360

Delta R.T. -0.012 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

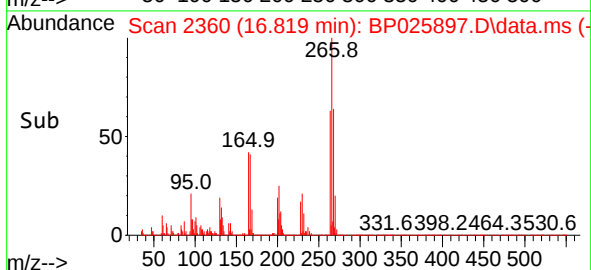
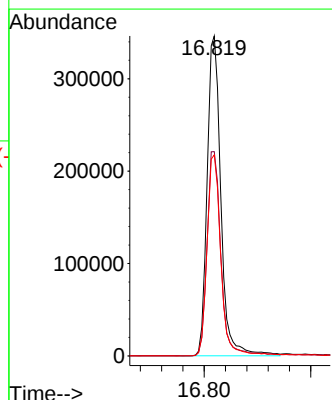
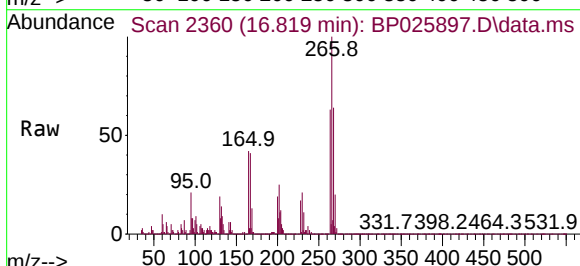
Tgt Ion:266 Resp: 620920

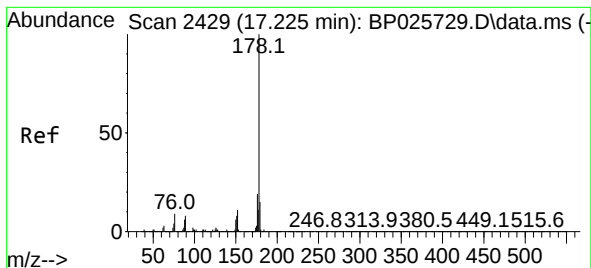
Ion Ratio Lower Upper

266 100

268 63.8 49.8 74.8

264 62.8 50.2 75.2





#71

Phenanthrene

Concen: 48.508 ng

RT: 17.207 min Scan# 2429

Delta R.T. -0.018 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Instrument :

BNA_P

ClientSampleId :

PB169893BS

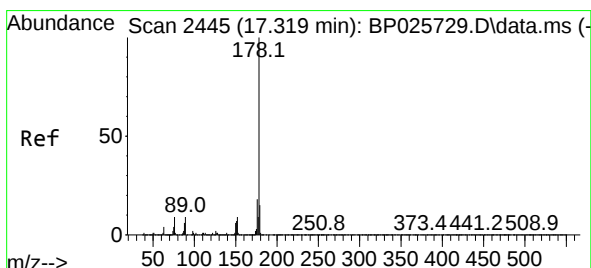
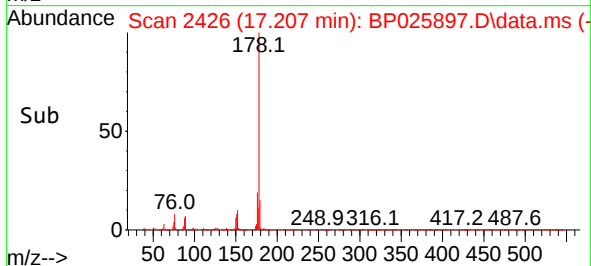
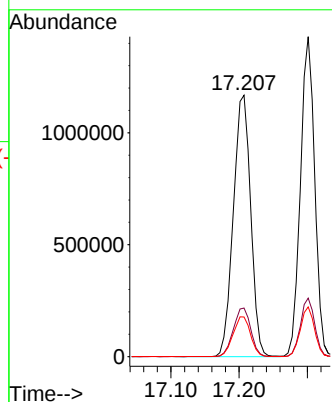
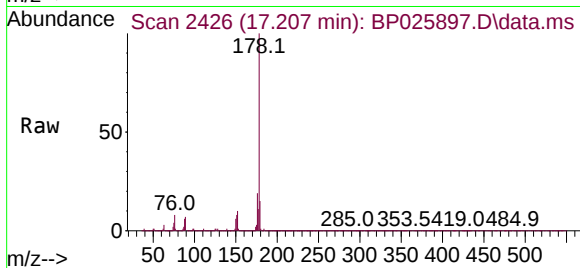
Tgt Ion:178 Resp: 2066316

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 15.2 12.2 18.4



#72

Anthracene

Concen: 48.372 ng

RT: 17.301 min Scan# 2442

Delta R.T. -0.018 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

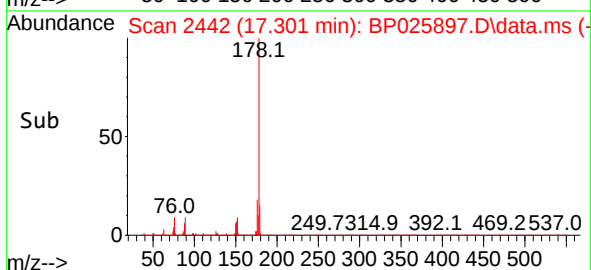
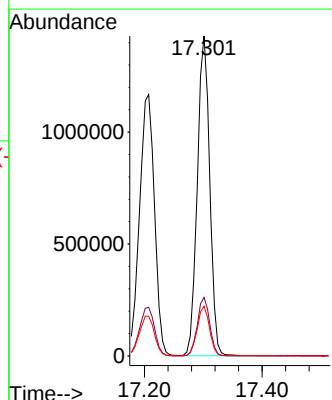
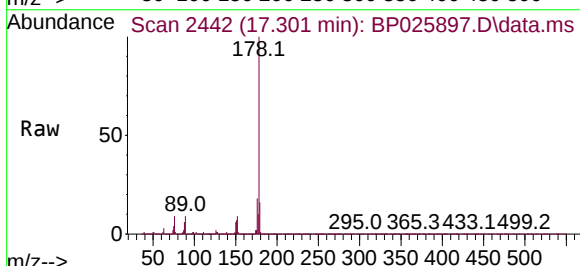
Tgt Ion:178 Resp: 2090668

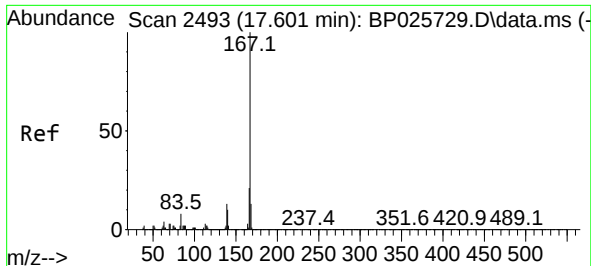
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 15.5 12.2 18.4

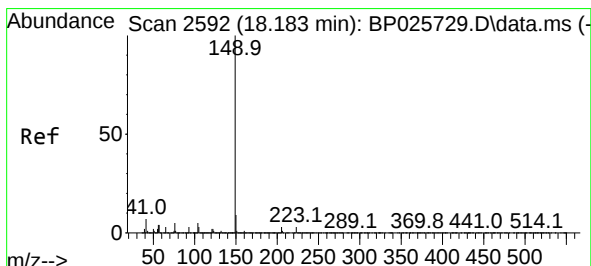
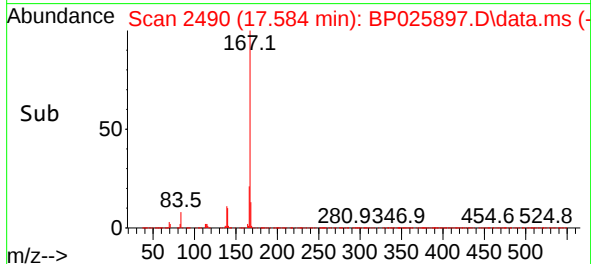
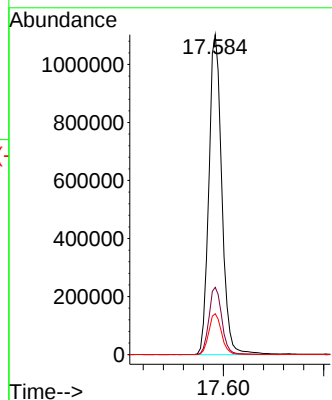
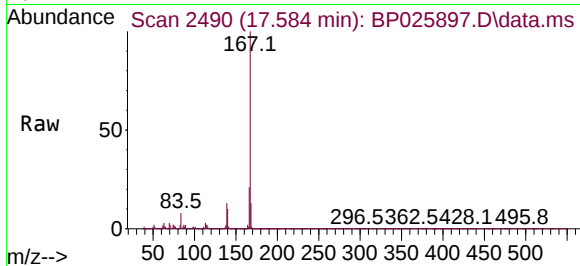




#73
 Carbazole
 Concen: 49.199 ng
 RT: 17.584 min Scan# 24
 Delta R.T. -0.018 min
 Lab File: BP025897.D
 Acq: 30 Sep 2025 18:52

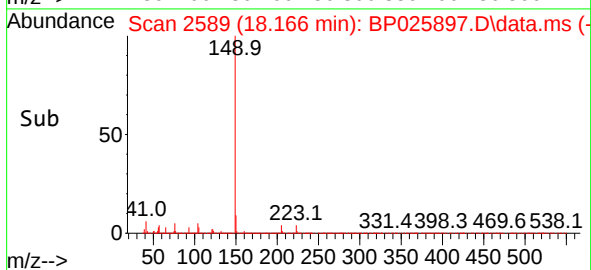
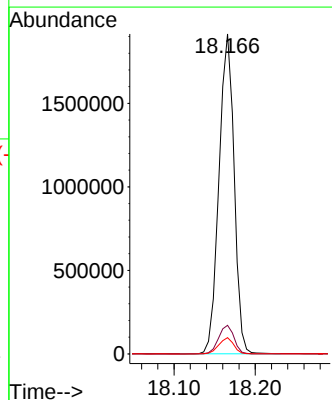
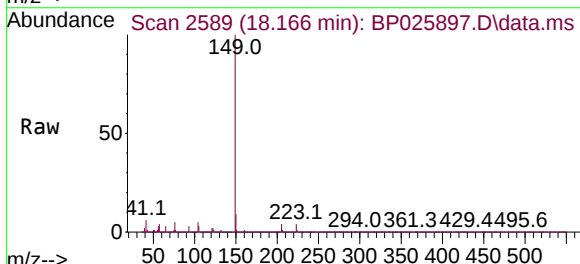
Instrument :
 BNA_P
 ClientSampleId :
 PB169893BS

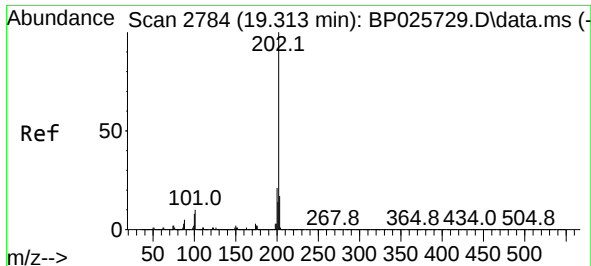
Tgt Ion:167 Resp: 1976903
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 12.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 50.282 ng
 RT: 18.166 min Scan# 2589
 Delta R.T. -0.018 min
 Lab File: BP025897.D
 Acq: 30 Sep 2025 18:52

Tgt Ion:149 Resp: 2479431
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.1 4.3 6.5

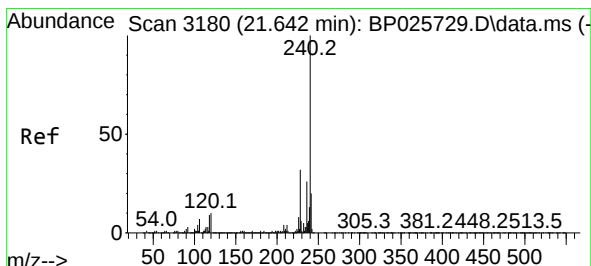
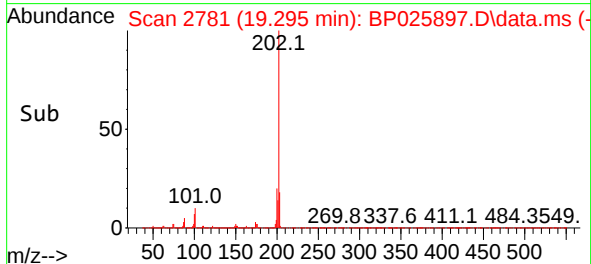
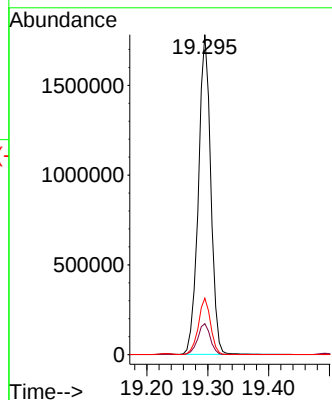
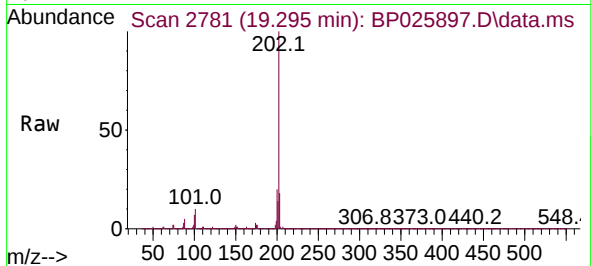




#75
Fluoranthene
Concen: 49.027 ng
RT: 19.295 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

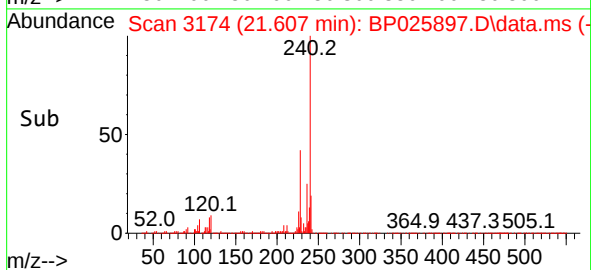
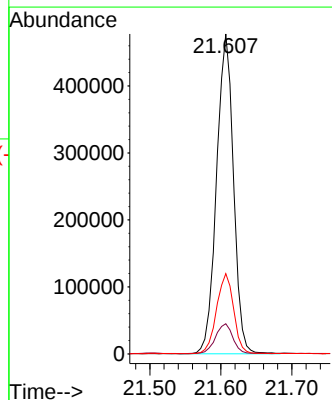
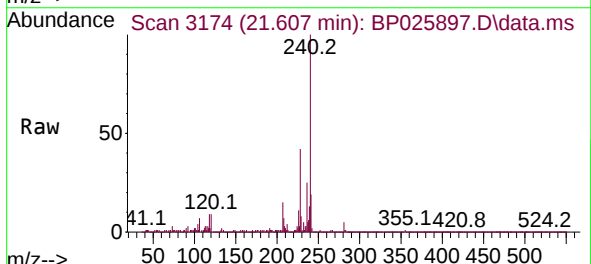
Instrument :
BNA_P
ClientSampleId :
PB169893BS

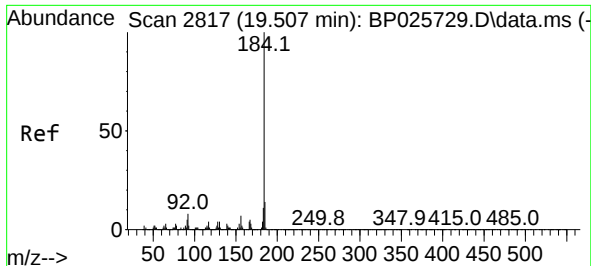
Tgt Ion:202 Resp: 2504697
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.4
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.035 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:240 Resp: 792375
Ion Ratio Lower Upper
240 100
120 9.4 8.0 12.0
236 25.1 20.7 31.1

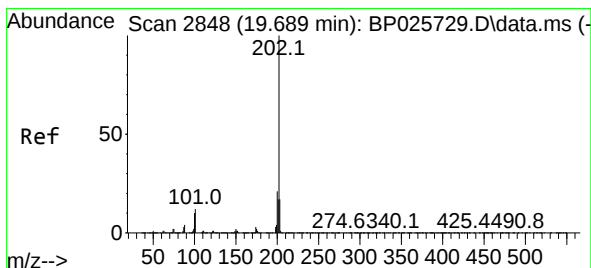
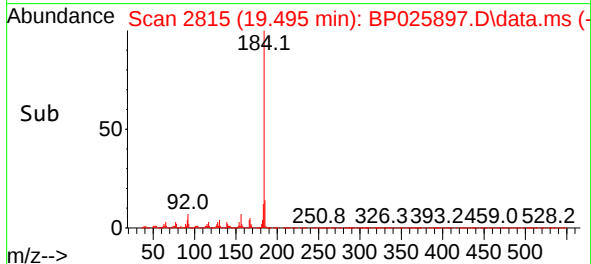
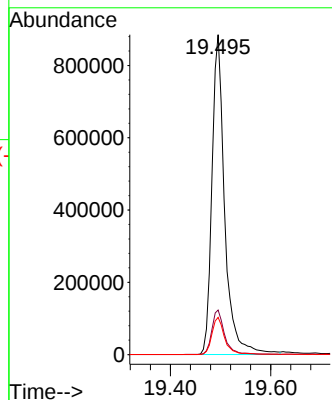
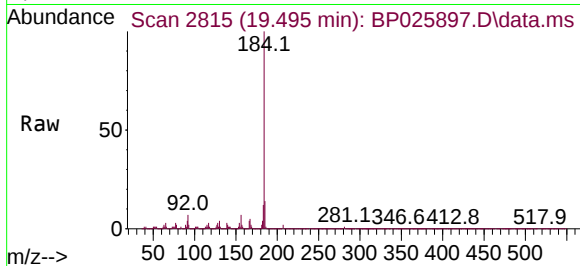




#77
Benzidine
Concen: 68.650 ng
RT: 19.495 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

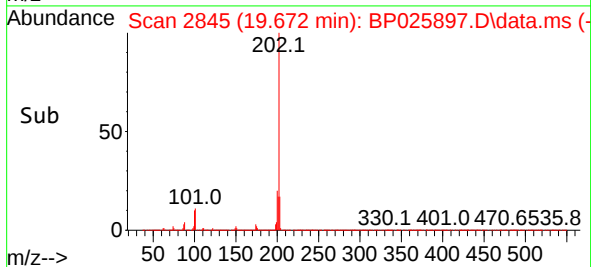
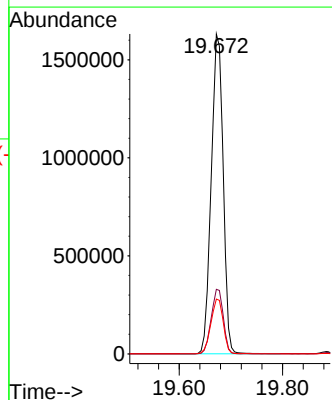
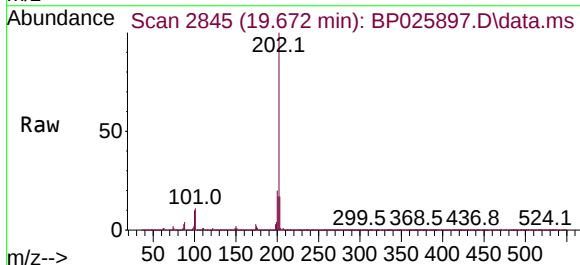
Instrument :
BNA_P
ClientSampleId :
PB169893BS

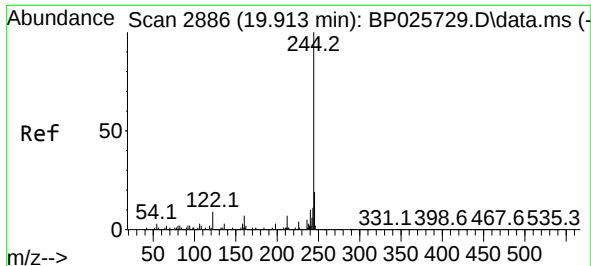
Tgt Ion:184 Resp: 1566906
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.6 9.2 13.8



#78
Pyrene
Concen: 49.484 ng
RT: 19.672 min Scan# 2845
Delta R.T. -0.018 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:202 Resp: 2616297
Ion Ratio Lower Upper
202 100
200 20.2 17.0 25.6
203 17.1 13.9 20.9

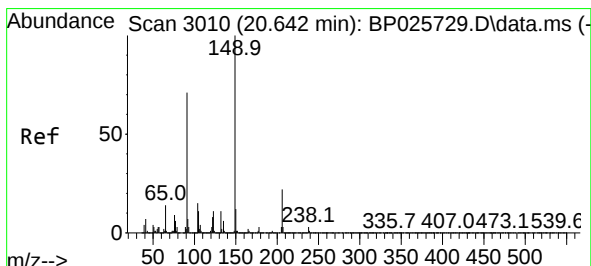
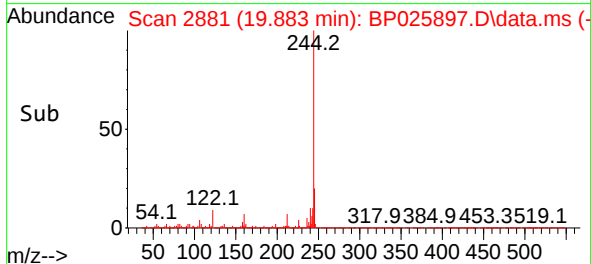
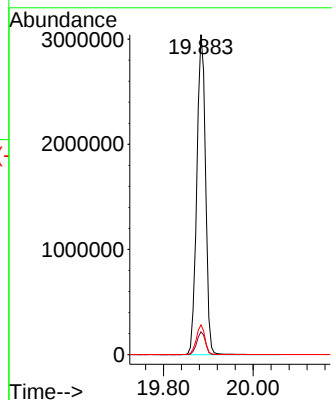
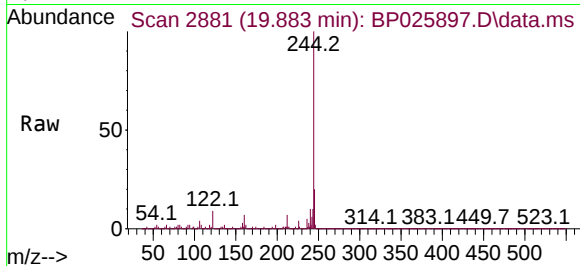




#79
 Terphenyl-d14
 Concen: 93.201 ng
 RT: 19.883 min Scan# 2886
 Delta R.T. -0.029 min
 Lab File: BP025897.D
 Acq: 30 Sep 2025 18:52

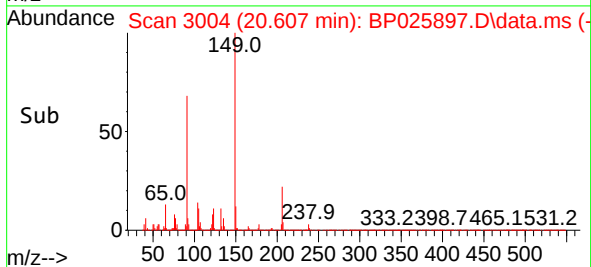
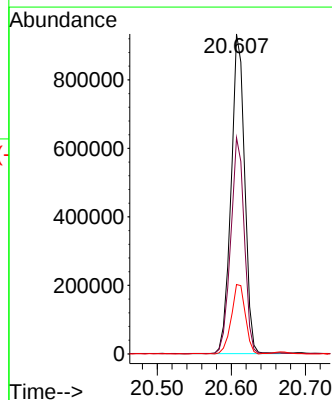
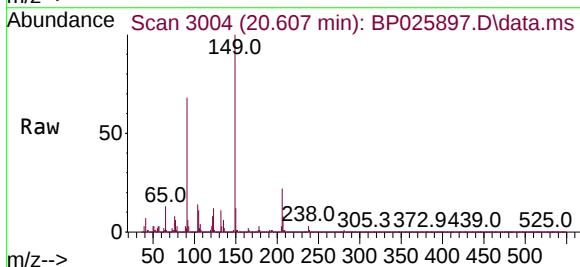
Instrument :
 BNA_P
 ClientSampleId :
 PB169893BS

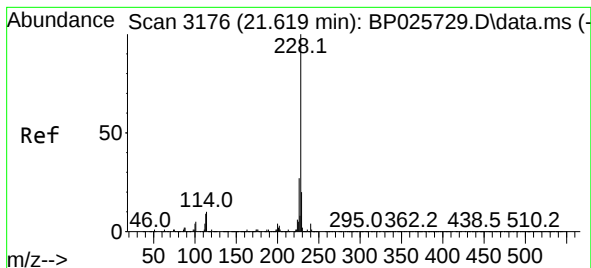
Tgt Ion:244 Resp: 4105113
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.3 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 51.101 ng
 RT: 20.607 min Scan# 3004
 Delta R.T. -0.035 min
 Lab File: BP025897.D
 Acq: 30 Sep 2025 18:52

Tgt Ion:149 Resp: 1184629
 Ion Ratio Lower Upper
 149 100
 91 67.6 56.6 85.0
 206 21.7 17.4 26.0





#81

Benzo(a)anthracene

Concen: 48.418 ng

RT: 21.583 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Instrument :

BNA_P

ClientSampleId :

PB169893BS

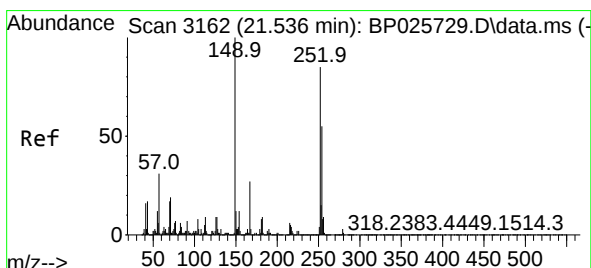
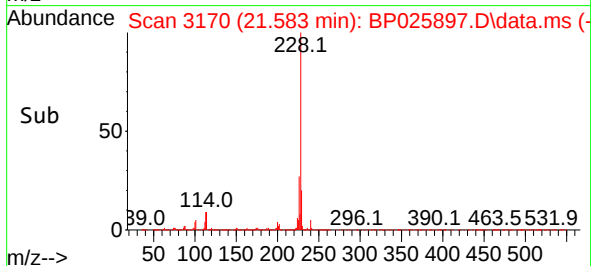
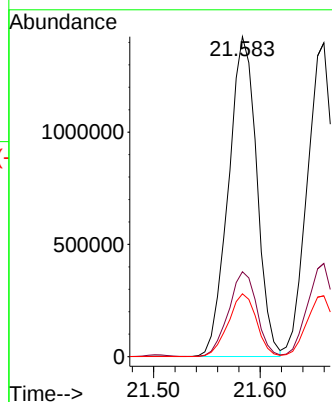
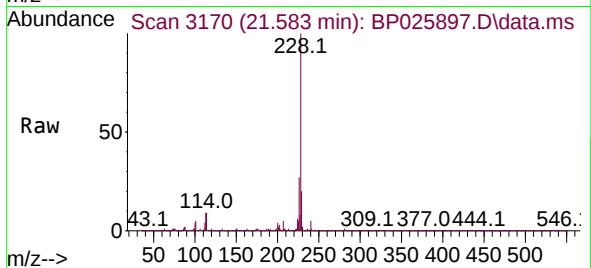
Tgt Ion:228 Resp: 2626560

Ion Ratio Lower Upper

228 100

226 26.5 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 35.985 ng

RT: 21.501 min Scan# 3156

Delta R.T. -0.035 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

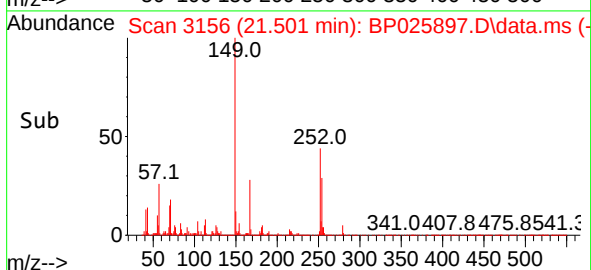
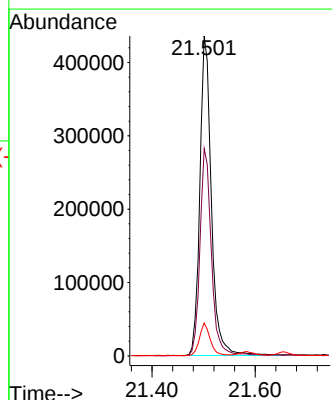
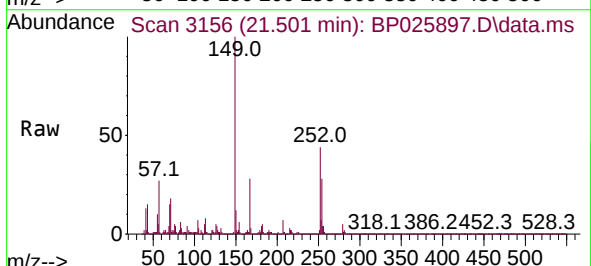
Tgt Ion:252 Resp: 674977

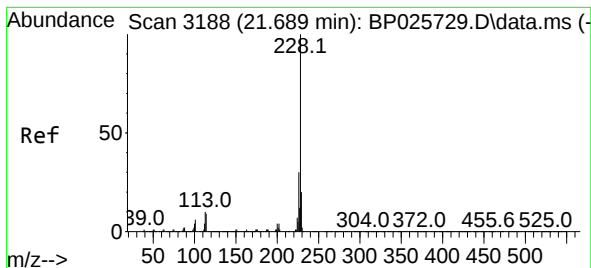
Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.0

126 10.3 8.3 12.5





#83

Chrysene

Concen: 47.113 ng

RT: 21.660 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Instrument :

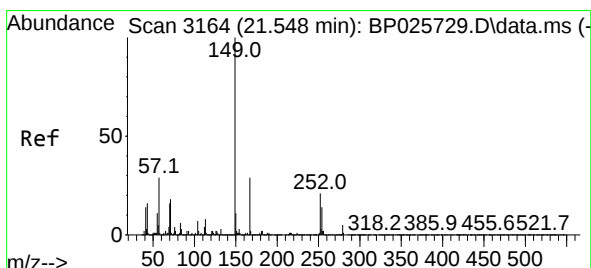
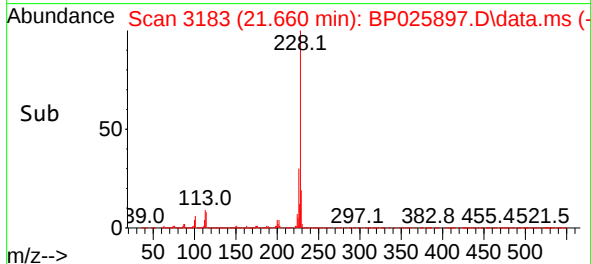
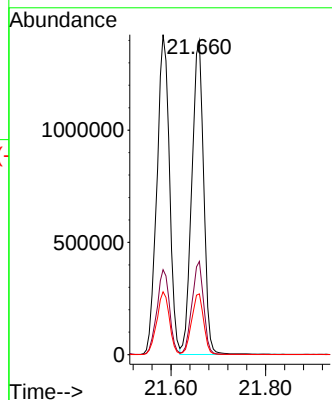
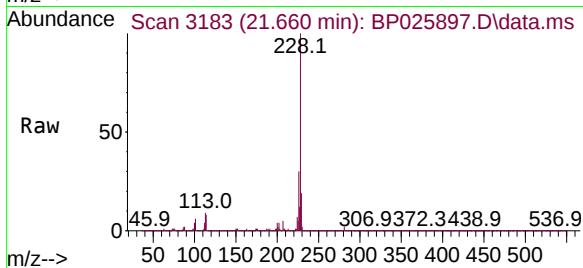
BNA_P

ClientSampleId :

PB169893BS

Tgt Ion:228 Resp: 2436266

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.4	15.6	23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.420 ng

RT: 21.507 min Scan# 3157

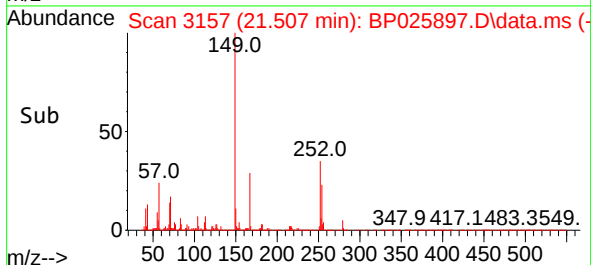
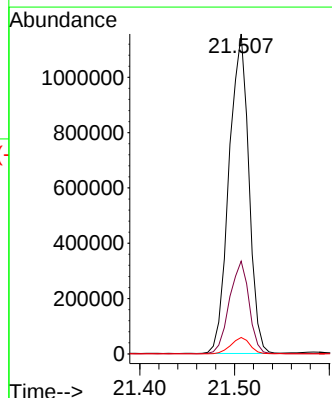
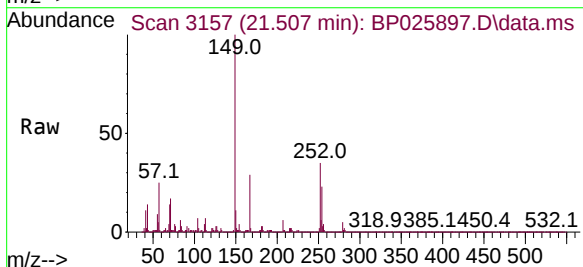
Delta R.T. -0.041 min

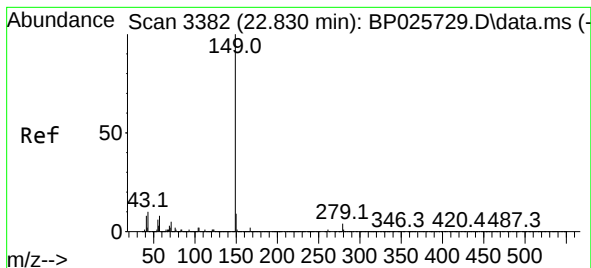
Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Tgt Ion:149 Resp: 1676148

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.9	34.3
279	5.1	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 49.999 ng

RT: 22.772 min Scan# 33

Delta R.T. -0.059 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Instrument :

BNA_P

ClientSampleId :

PB169893BS

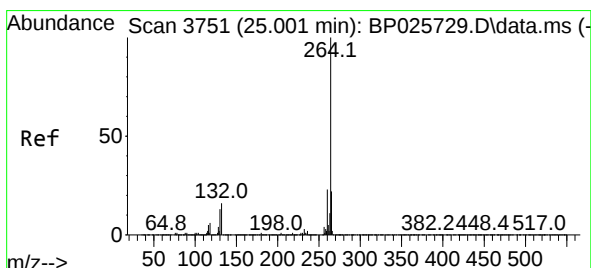
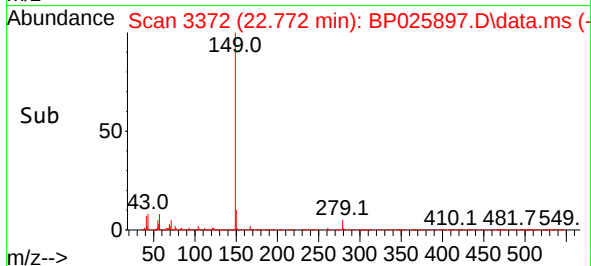
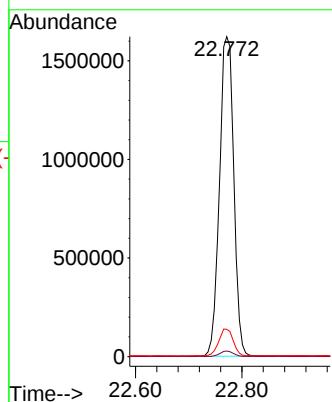
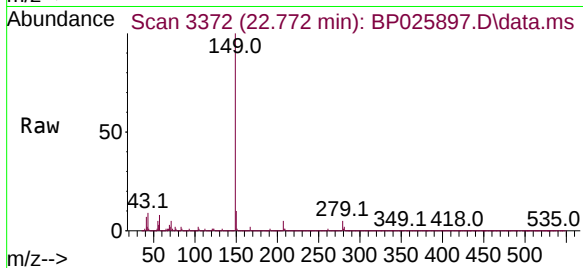
Tgt Ion:149 Resp: 3016499

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: 24.954 min Scan# 3743

Delta R.T. -0.047 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

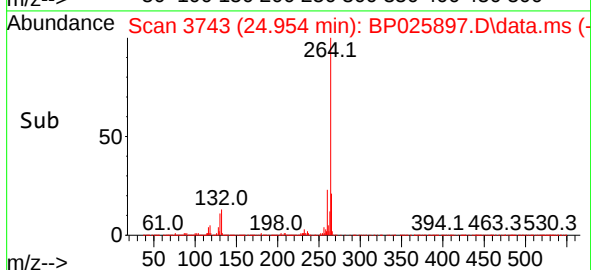
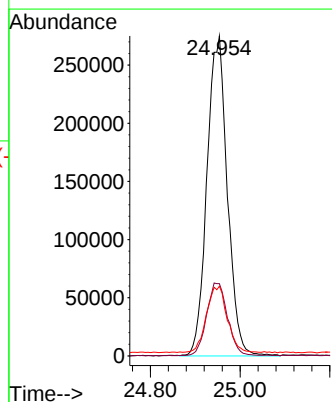
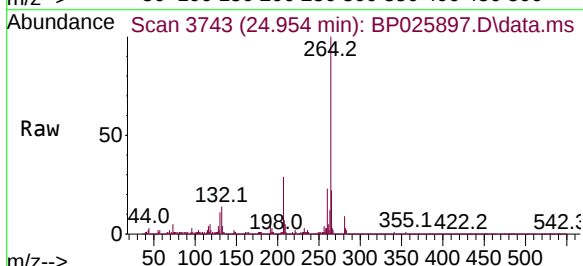
Tgt Ion:264 Resp: 869458

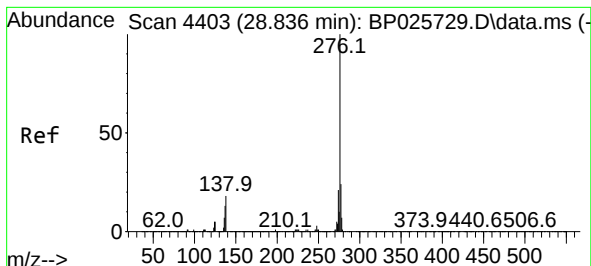
Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.252 ng

RT: 28.759 min Scan# 4390

Delta R.T. -0.076 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Instrument :

BNA_P

ClientSampleId :

PB169893BS

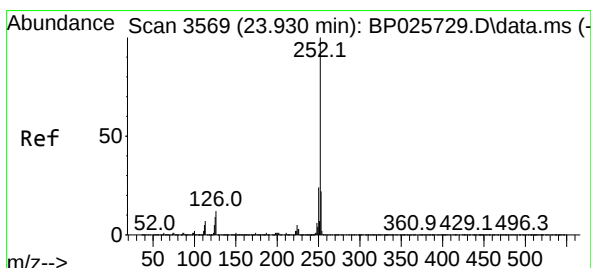
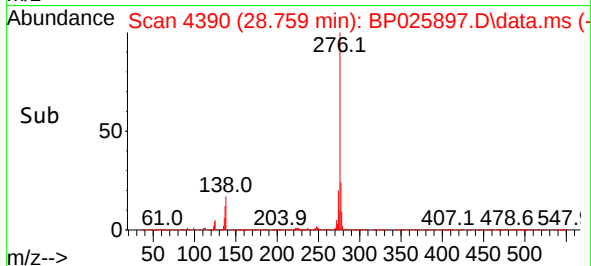
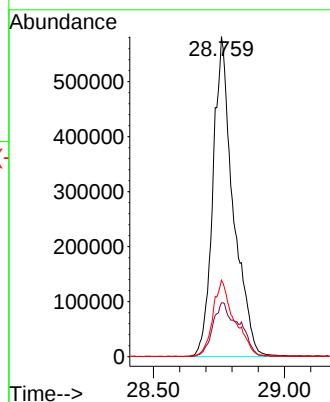
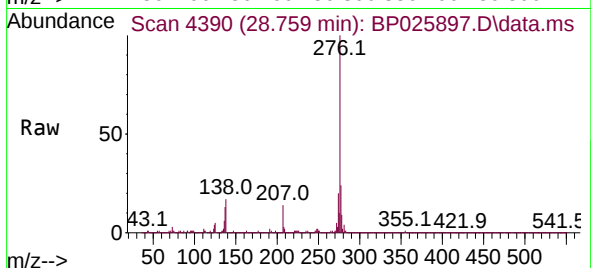
Tgt Ion:276 Resp: 3114156

Ion Ratio Lower Upper

276 100

138 21.5 13.4 20.2#

277 25.3 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 48.801 ng

RT: 23.883 min Scan# 3561

Delta R.T. -0.047 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

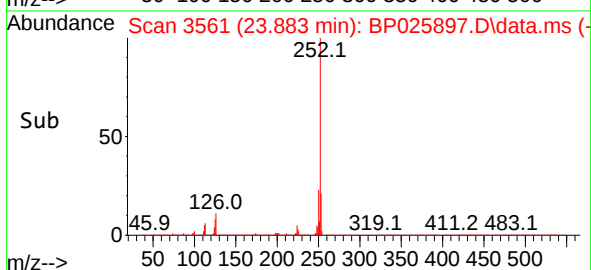
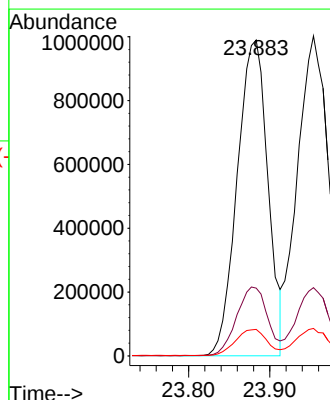
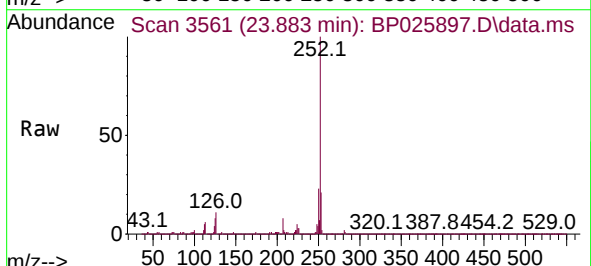
Tgt Ion:252 Resp: 2594699

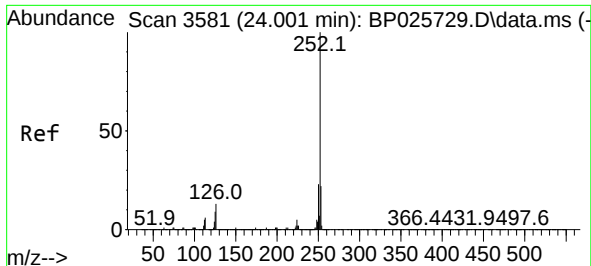
Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 8.4 7.3 10.9

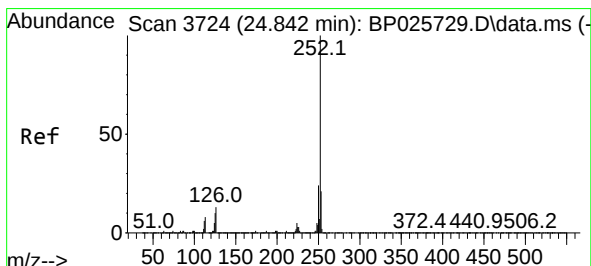
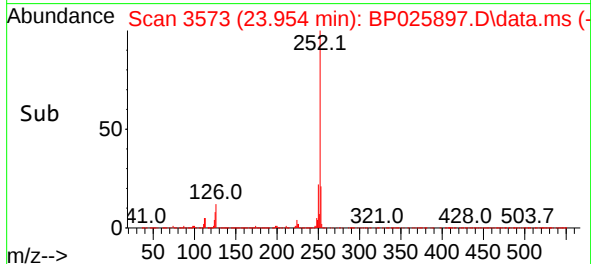
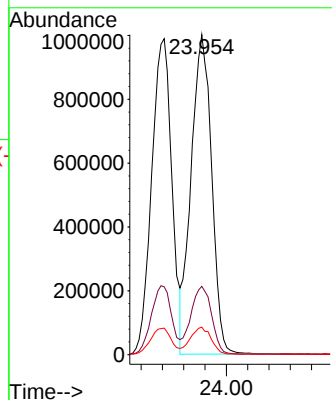
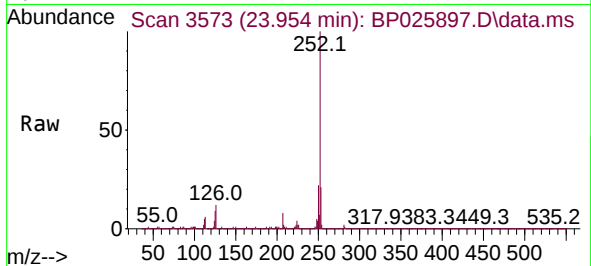




#89
Benzo(k)fluoranthene
Concen: 49.422 ng
RT: 23.954 min Scan# 31
Delta R.T. -0.047 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

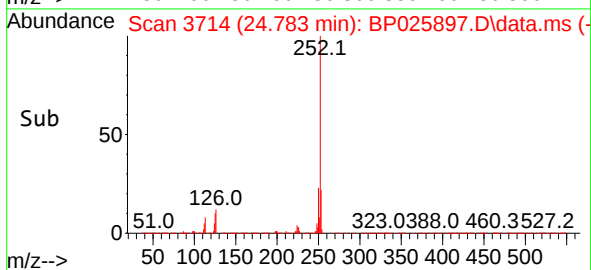
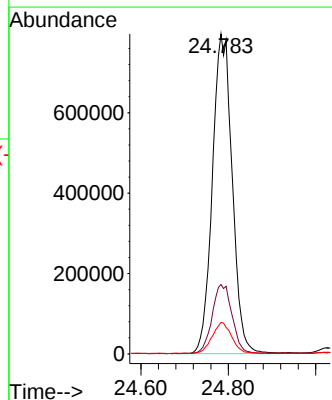
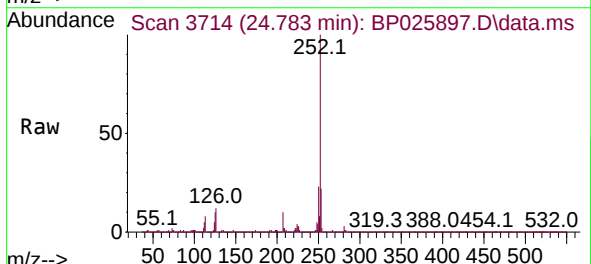
Instrument :
BNA_P
ClientSampleId :
PB169893BS

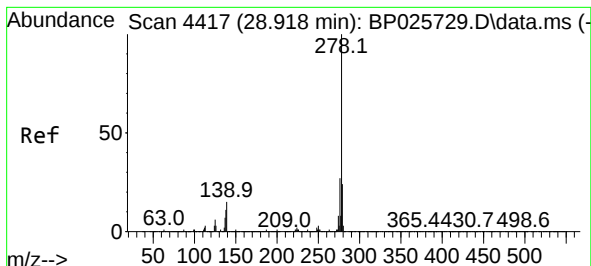
Tgt Ion:252 Resp: 2681439
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 8.6 7.5 11.3



#90
Benzo(a)pyrene
Concen: 48.130 ng
RT: 24.783 min Scan# 3714
Delta R.T. -0.059 min
Lab File: BP025897.D
Acq: 30 Sep 2025 18:52

Tgt Ion:252 Resp: 2506067
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.8 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 49.831 ng

RT: 28.836 min Scan# 4417

Delta R.T. -0.082 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Instrument :

BNA_P

ClientSampleId :

PB169893BS

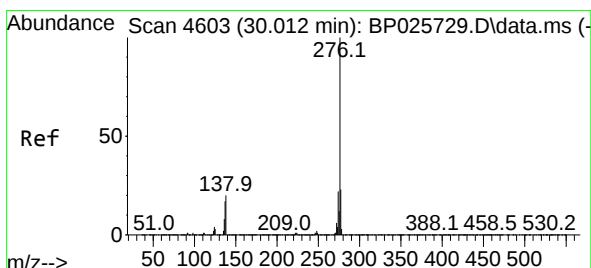
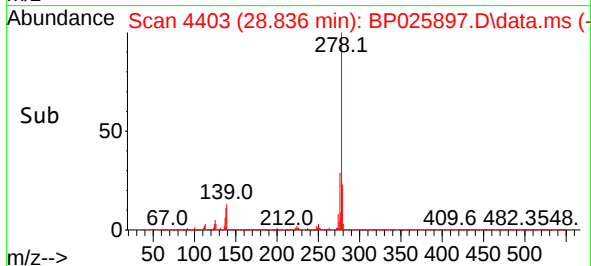
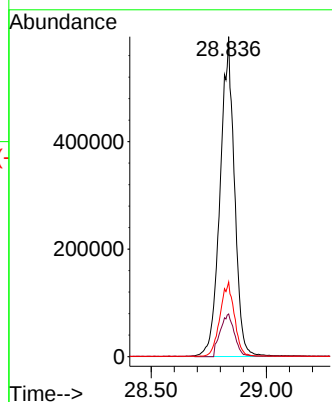
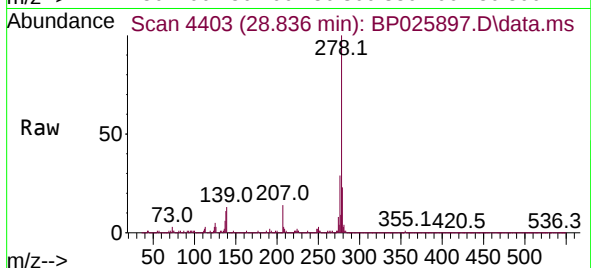
Tgt Ion:278 Resp: 2578364

Ion Ratio Lower Upper

278 100

139 13.3 12.1 18.1

279 23.3 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 48.830 ng

RT: 29.948 min Scan# 4592

Delta R.T. -0.065 min

Lab File: BP025897.D

Acq: 30 Sep 2025 18:52

Tgt Ion:276 Resp: 2484684

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.6 16.0 24.0

