

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025473.D
 Acq On : 19 Aug 2025 12:47
 Operator : CG/JU
 Sample : PB169244BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169244BSD

Quant Time: Aug 19 13:10:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	172374	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	704478	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	488785	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	1043571	20.000	ng	0.00
76) Chrysene-d12	21.654	240	1070063	20.000	ng	0.00
86) Perylene-d12	25.030	264	1176738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1466573	141.294	ng	0.00
7) Phenol-d6	6.972	99	1870146	140.533	ng	0.00
23) Nitrobenzene-d5	8.931	82	1177998	84.587	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	948405	144.154	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2831786	79.179	ng	0.00
79) Terphenyl-d14	19.925	244	4922368	84.162	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	158108	38.889	ng	99
3) Pyridine	3.726	79	436550	39.230	ng	97
4) n-Nitrosodimethylamine	3.631	42	221517	48.284	ng	97
6) Aniline	7.119	93	672688	37.518	ng	99
8) 2-Chlorophenol	7.367	128	584248	49.881	ng	100
9) Benzaldehyde	6.937	77	263740	28.288	ng	98
10) Phenol	6.996	94	701844	50.262	ng	99
11) bis(2-Chloroethyl)ether	7.214	93	510577	46.912	ng	99
12) 1,3-Dichlorobenzene	7.684	146	601240	46.552	ng	99
13) 1,4-Dichlorobenzene	7.825	146	610323	46.233	ng	100
14) 1,2-Dichlorobenzene	8.137	146	589005	46.093	ng	99
15) Benzyl Alcohol	8.025	79	504404	47.704	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.308	45	689083	47.263	ng	98
17) 2-Methylphenol	8.225	107	482348	49.736	ng	99
18) Hexachloroethane	8.861	117	227208	46.811	ng	97
19) n-Nitroso-di-n-propyla...	8.584	70	393822	44.678	ng	98
20) 3+4-Methylphenols	8.549	107	660509	49.134	ng	97
22) Acetophenone	8.596	105	819556	46.389	ng	# 99
24) Nitrobenzene	8.972	77	591064	47.489	ng	99
25) Isophorone	9.496	82	1134513	46.032	ng	98
26) 2-Nitrophenol	9.678	139	314959	49.309	ng	97
27) 2,4-Dimethylphenol	9.737	122	558293	50.825	ng	100
28) bis(2-Chloroethoxy)met...	9.966	93	698931	46.914	ng	98
29) 2,4-Dichlorophenol	10.208	162	564908	51.769	ng	99
30) 1,2,4-Trichlorobenzene	10.419	180	553924	46.307	ng	99
31) Naphthalene	10.608	128	1710559	46.717	ng	99
32) Benzoic acid	9.896	122	439462	54.190	ng	98
33) 4-Chloroaniline	10.708	127	440457	27.233	ng	99
34) Hexachlorobutadiene	10.896	225	342743	46.008	ng	98
35) Caprolactam	11.502	113	182006	45.487	ng	93
36) 4-Chloro-3-methylphenol	11.837	107	646361	51.621	ng	99
37) 2-Methylnaphthalene	12.213	142	1107270	46.469	ng	100
38) 1-Methylnaphthalene	12.431	142	1168249	46.102	ng	100
40) 1,2,4,5-Tetrachloroben...	12.584	216	626241	44.362	ng	99
41) Hexachlorocyclopentadiene	12.566	237	771660	90.496	ng	98
43) 2,4,6-Trichlorophenol	12.825	196	479514	50.315	ng	99

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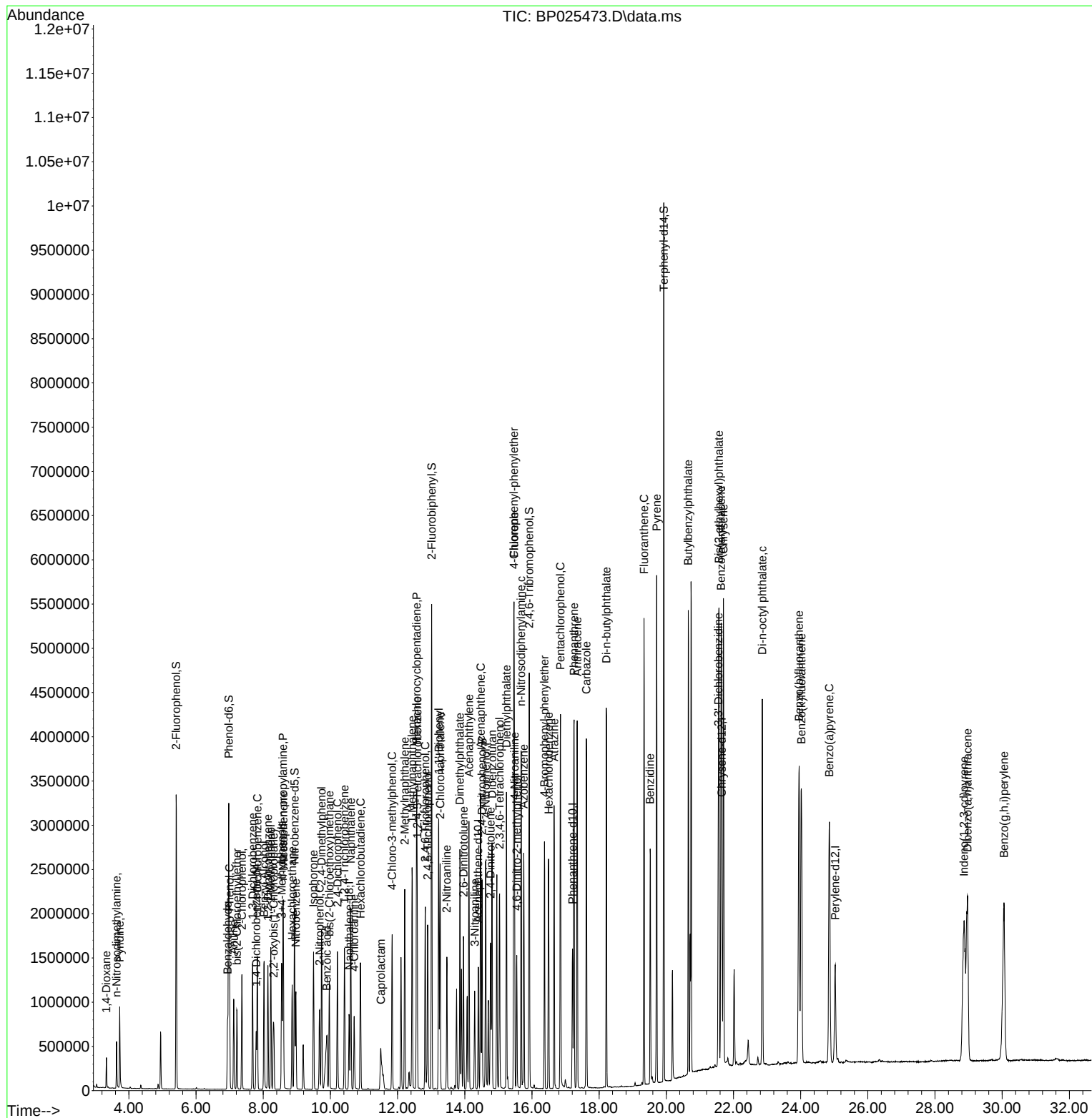
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44) 2,4,5-Trichlorophenol	12.896	196	536382	51.353	ng	99
46) 1,1'-Biphenyl	13.225	154	1638603	46.160	ng	99
47) 2-Chloronaphthalene	13.266	162	1259783	45.586	ng	98
48) 2-Nitroaniline	13.466	65	415059	51.546	ng	98
49) Acenaphthylene	14.125	152	2177367	47.615	ng	100
50) Dimethylphthalate	13.854	163	1738994	48.585	ng	99
51) 2,6-Dinitrotoluene	13.966	165	395341	52.404	ng	98
52) Acenaphthene	14.472	154	1220137	45.457	ng	99
53) 3-Nitroaniline	14.296	138	300405	35.392	ng	97
54) 2,4-Dinitrophenol	14.513	184	495694	123.038	ng	99
55) Dibenzofuran	14.813	168	2007042	47.295	ng	100
56) 4-Nitrophenol	14.625	139	746663	107.051	ng	98
57) 2,4-Dinitrotoluene	14.766	165	583246	54.187	ng	99
58) Fluorene	15.466	166	1589403	47.465	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	472386	51.220	ng	100
60) Diethylphthalate	15.243	149	1844493	50.715	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	789982	47.436	ng	98
62) 4-Nitroaniline	15.484	138	442261	50.825	ng	99
63) Azobenzene	15.754	77	1593888	51.181	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	340236	52.303	ng	96
66) n-Nitrosodiphenylamine	15.678	169	1483025	46.603	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	531300	46.291	ng	96
68) Hexachlorobenzene	16.495	284	616466	46.335	ng	98
69) Atrazine	16.660	200	590070	49.512	ng	97
70) Pentachlorophenol	16.848	266	843937	100.486	ng	97
71) Phenanthrene	17.254	178	2687053	46.873	ng	99
72) Anthracene	17.348	178	2780840	47.501	ng	100
73) Carbazole	17.619	167	2645585	47.978	ng	99
74) Di-n-butylphthalate	18.213	149	3375219	49.751	ng	100
75) Fluoranthene	19.336	202	3282061	47.997	ng	99
77) Benzidine	19.519	184	1590772	43.560	ng	100
78) Pyrene	19.713	202	3315062	47.664	ng	100
80) Butylbenzylphthalate	20.654	149	1618023	51.331	ng	98
81) Benzo(a)anthracene	21.630	228	3439380	48.736	ng	99
82) 3,3'-Dichlorobenzidine	21.548	252	816647	30.701	ng	99
83) Chrysene	21.701	228	3127598	47.324	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	2323944	50.084	ng	98
85) Di-n-octyl phthalate	22.860	149	4076449	51.076	ng	99
87) Indeno(1,2,3-cd)pyrene	28.859	276	3302888	38.273	ng	# 93
88) Benzo(b)fluoranthene	23.954	252	3354449	48.343	ng	100
89) Benzo(k)fluoranthene	24.019	252	3390357	48.827	ng	99
90) Benzo(a)pyrene	24.854	252	3251341	48.136	ng	100
91) Dibenzo(a,h)anthracene	28.971	278	3297613	46.760	ng	97
92) Benzo(g,h,i)perylene	30.054	276	3230088	46.595	ng	98

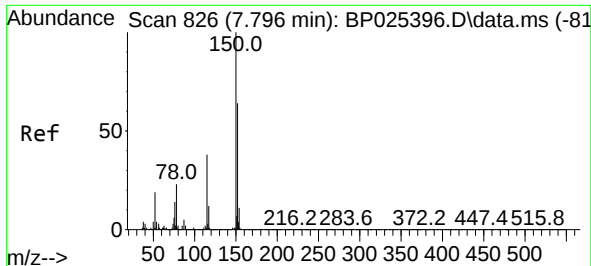
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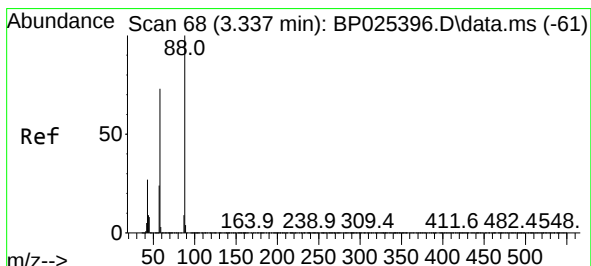
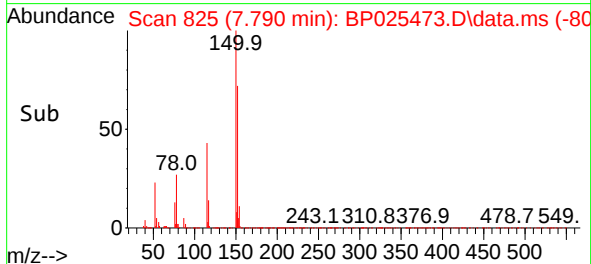
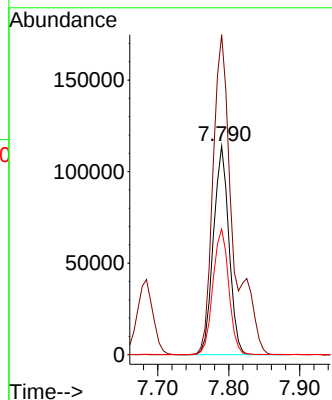
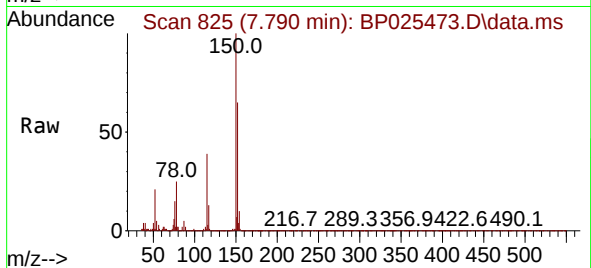




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025473.D
 Acq: 19 Aug 2025 12:47

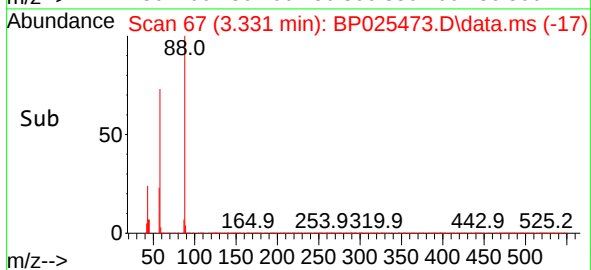
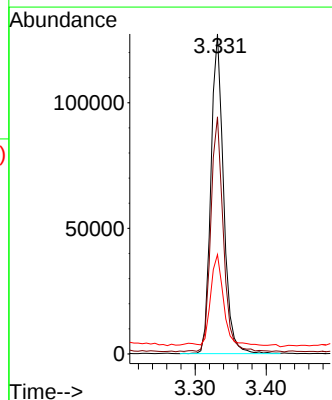
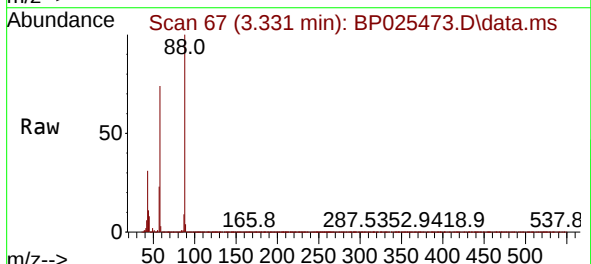
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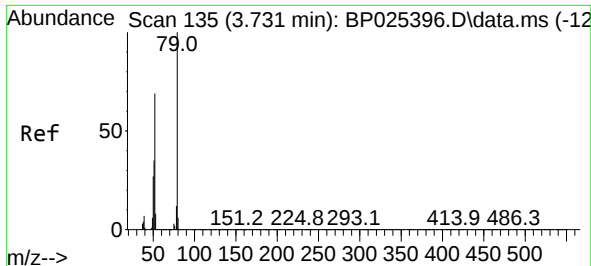
Tgt Ion:152 Resp: 172374
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.9 188.9
 115 60.2 48.5 72.7



#2
 1,4-Dioxane
 Concen: 38.889 ng
 RT: 3.331 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BP025473.D
 Acq: 19 Aug 2025 12:47

Tgt Ion: 88 Resp: 158108
 Ion Ratio Lower Upper
 88 100
 58 73.4 59.2 88.8
 43 28.3 21.7 32.5

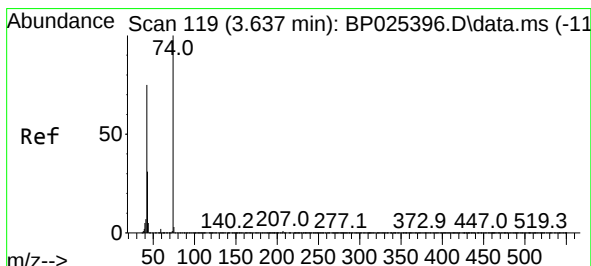
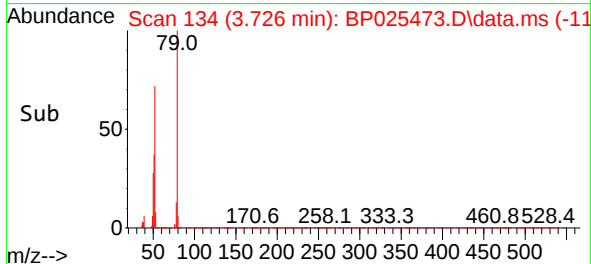
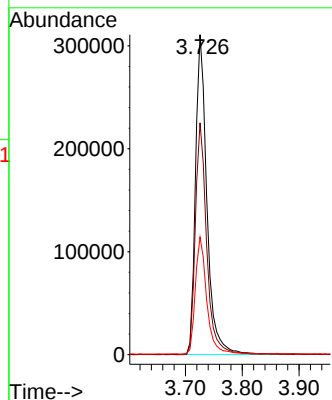
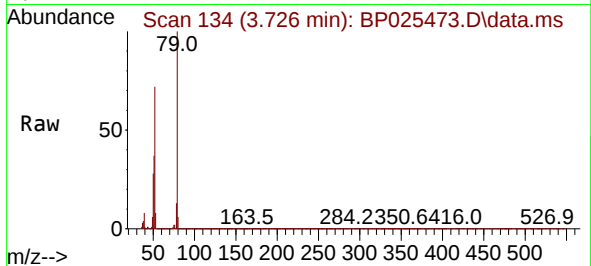




#3
Pyridine
Concen: 39.230 ng
RT: 3.726 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

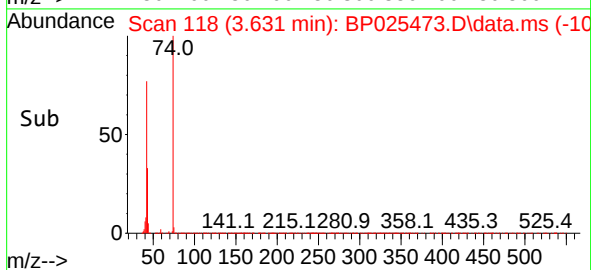
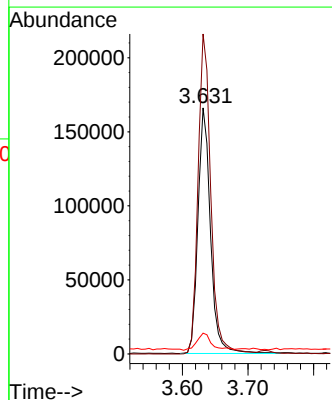
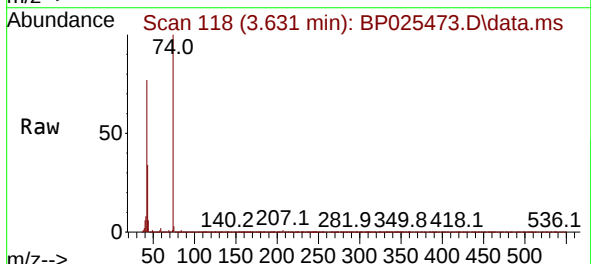
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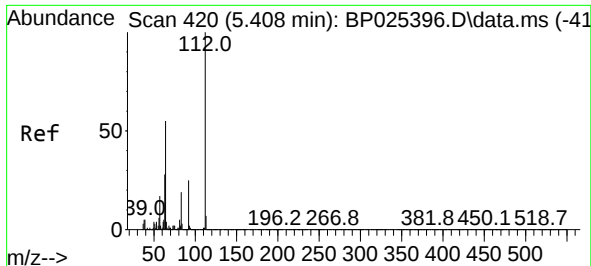
Tgt Ion: 79 Resp: 436550
Ion Ratio Lower Upper
79 100
52 72.5 55.5 83.3
51 36.8 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 48.284 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion: 42 Resp: 221517
Ion Ratio Lower Upper
42 100
74 130.0 107.0 160.4
44 8.4 6.2 9.4

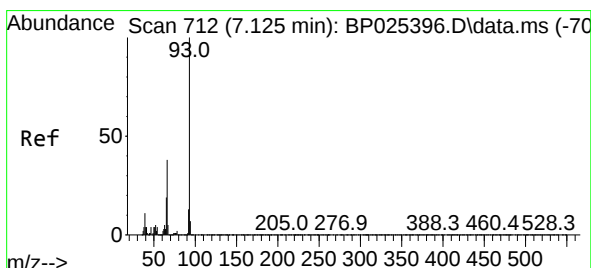
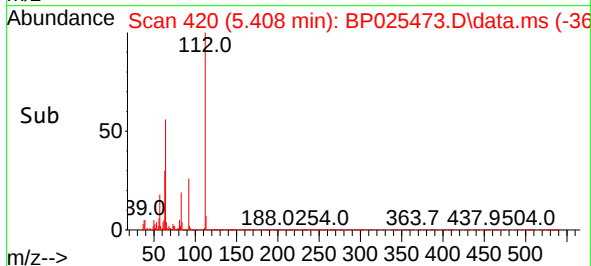
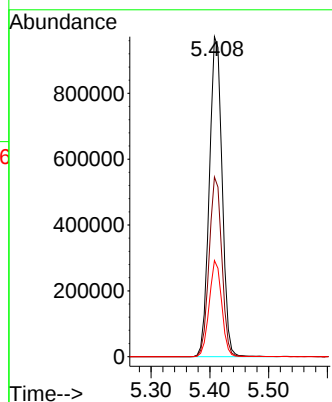
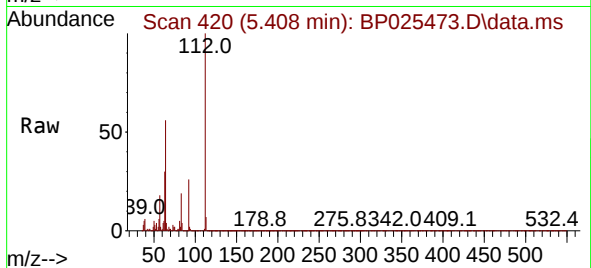




#5
2-Fluorophenol
Concen: 141.294 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025473.D
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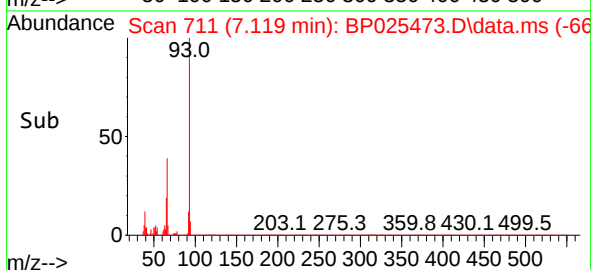
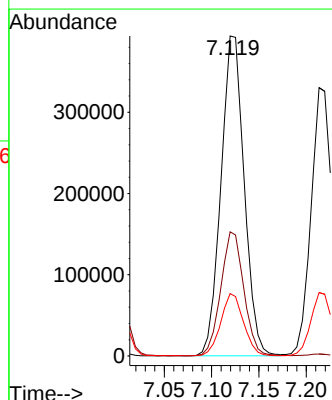
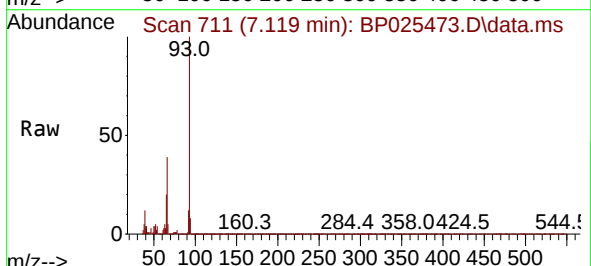
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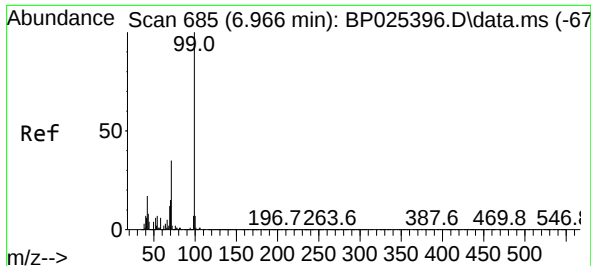
Tgt Ion:112 Resp: 1466573
Ion Ratio Lower Upper
112 100
64 56.2 43.8 65.8
63 30.0 22.7 34.1



#6
Aniline
Concen: 37.518 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion: 93 Resp: 672688
Ion Ratio Lower Upper
93 100
66 38.8 30.4 45.6
65 19.5 15.3 22.9

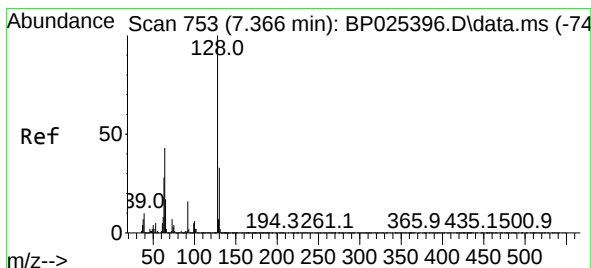
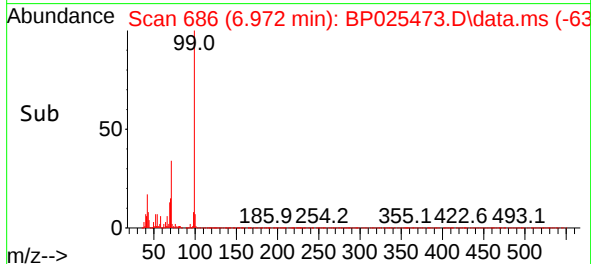
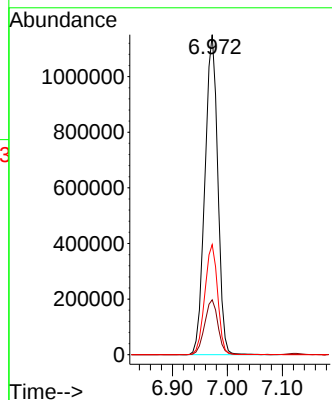
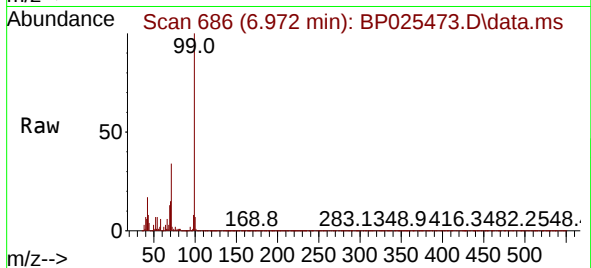




#7
Phenol-d6
Concen: 140.533 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025473.D
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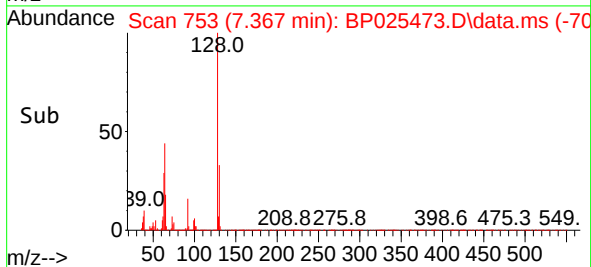
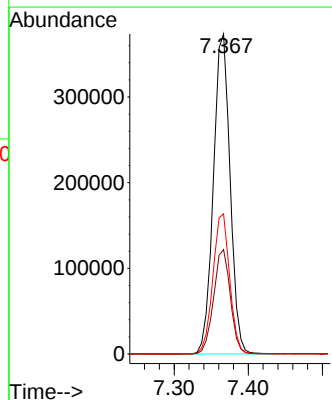
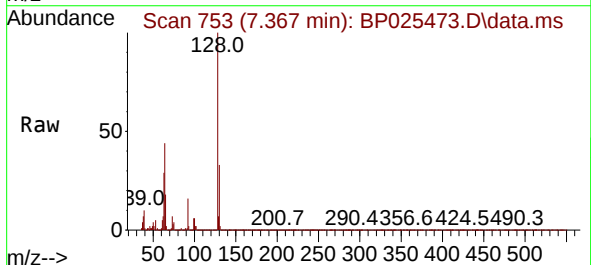
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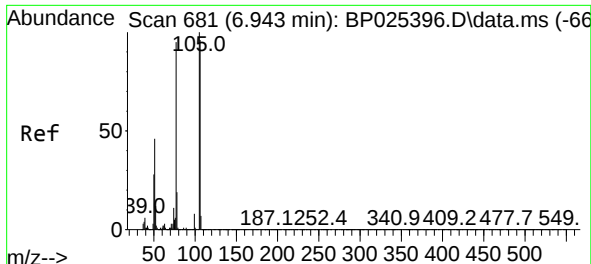
Tgt Ion: 99 Resp: 1870146
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 34.4 28.2 42.4



#8
2-Chlorophenol
Concen: 49.881 ng
RT: 7.367 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:128 Resp: 584248
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 43.8 23.4 63.4

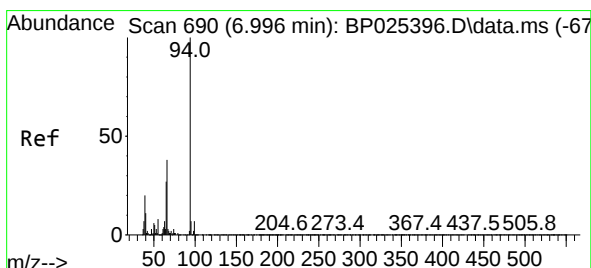
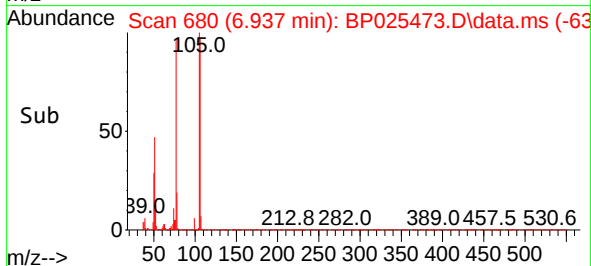
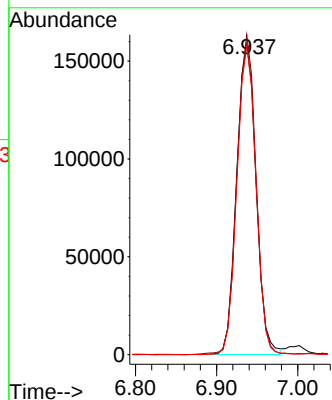
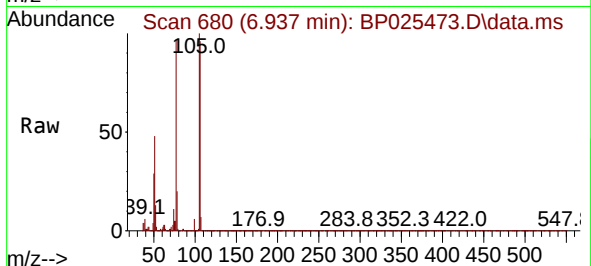




#9
Benzaldehyde
Concen: 28.288 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.006 min
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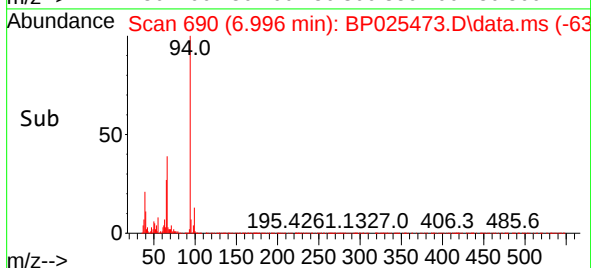
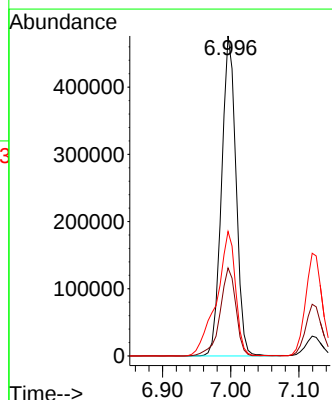
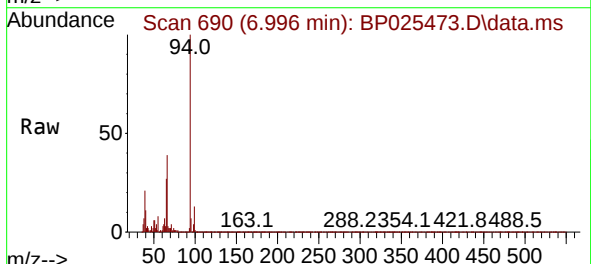
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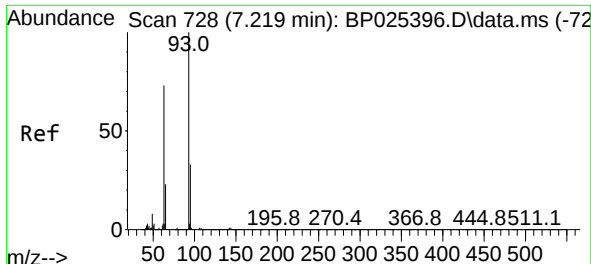
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Ion Ratio Lower Upper
77 100
105 102.9 84.8 124.8
106 99.2 80.5 120.5



#10
Phenol
Concen: 50.262 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion: 94 Resp: 701844
Ion Ratio Lower Upper
94 100
65 27.5 6.8 46.8
66 38.9 18.2 58.2

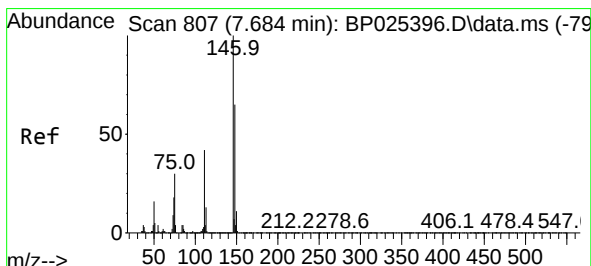
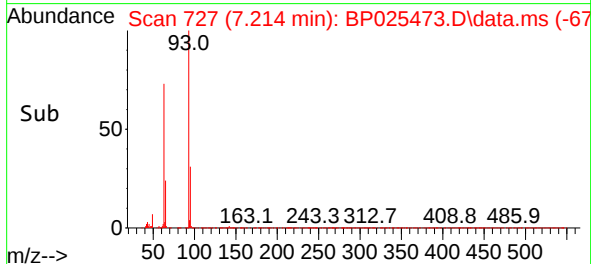
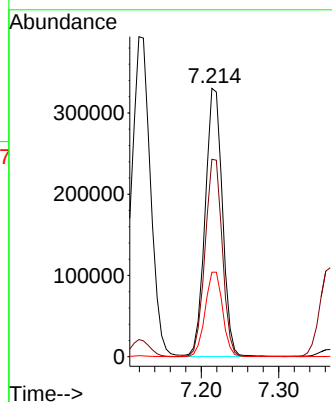
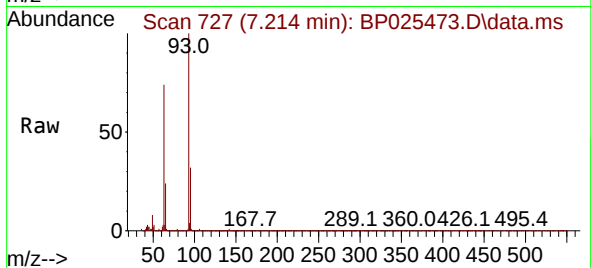




#11
bis(2-Chloroethyl)ether
Concen: 46.912 ng
RT: 7.214 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

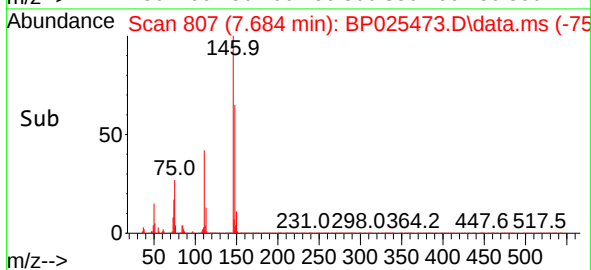
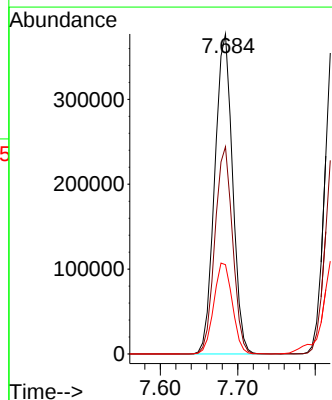
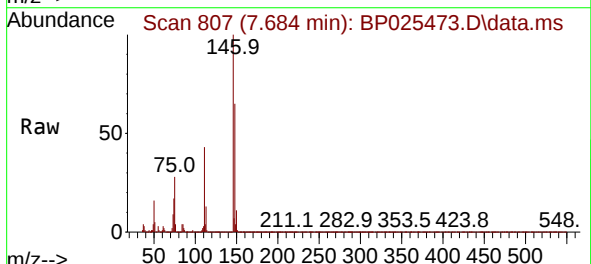
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

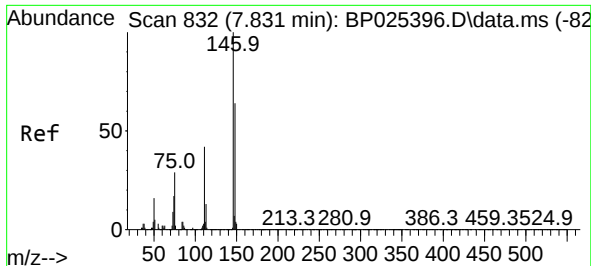
Tgt Ion: 93 Resp: 510577
Ion Ratio Lower Upper
93 100
63 73.6 52.6 92.6
95 31.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 46.552 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion: 146 Resp: 601240
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 27.9 23.7 35.5

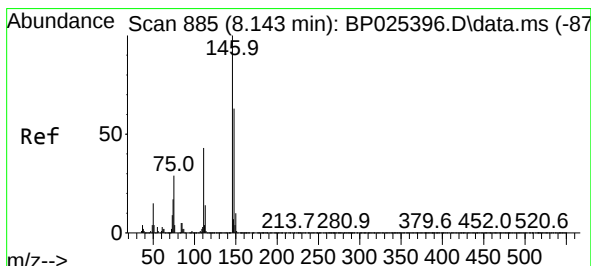
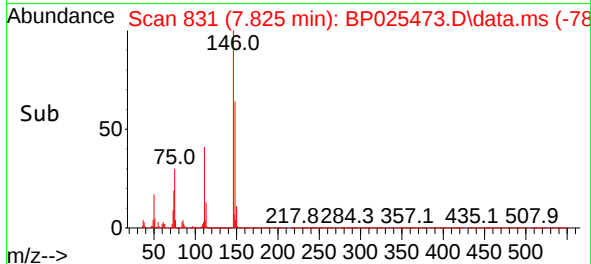
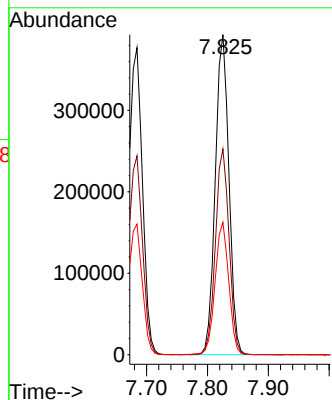
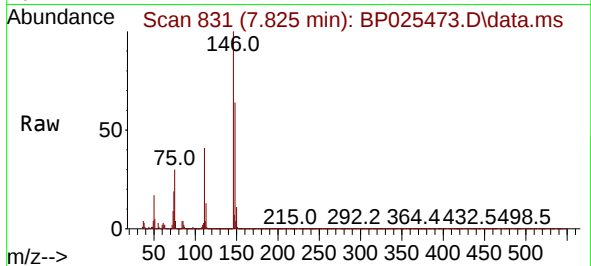




#13
1,4-Dichlorobenzene
Concen: 46.233 ng
RT: 7.825 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

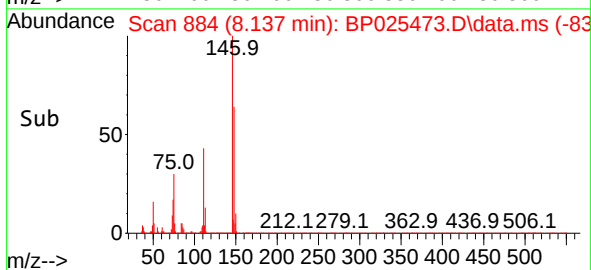
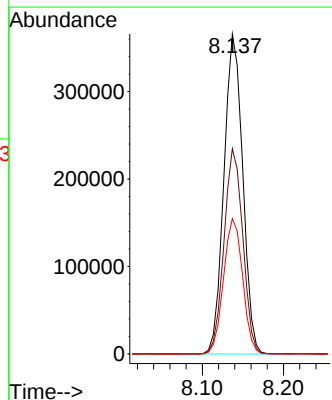
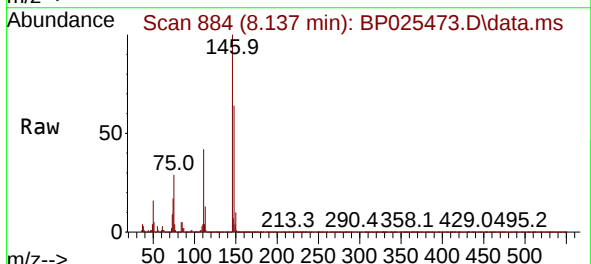
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

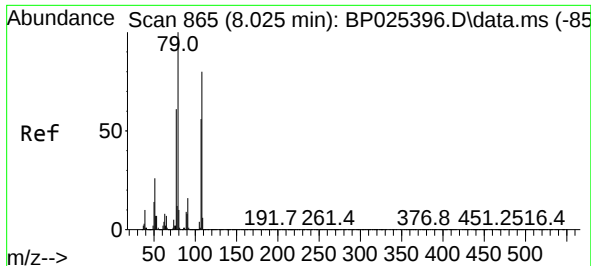
Tgt Ion:146 Resp: 610323
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
111 41.4 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 46.093 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:146 Resp: 589005
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
111 42.3 34.5 51.7

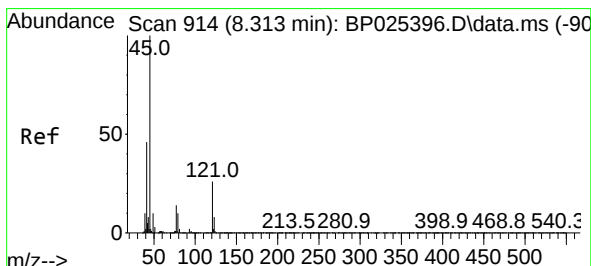
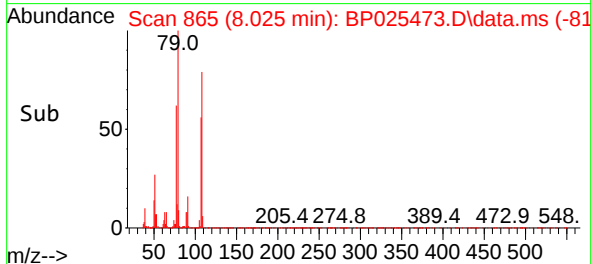
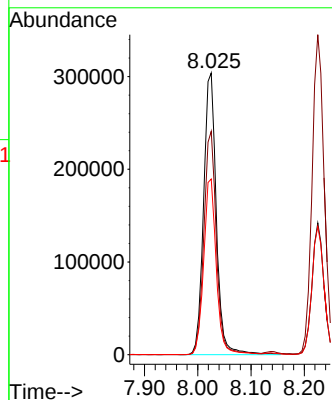
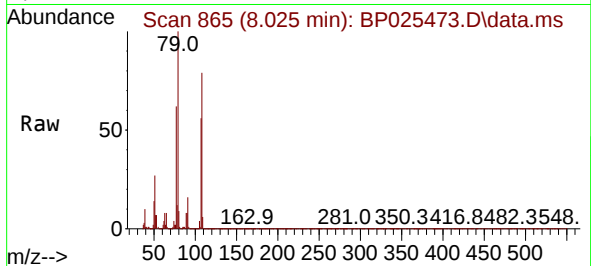




#15
Benzyl Alcohol
Concen: 47.704 ng
RT: 8.025 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

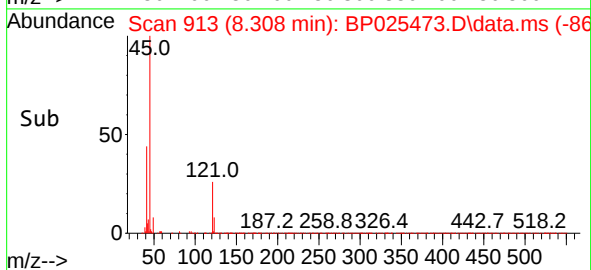
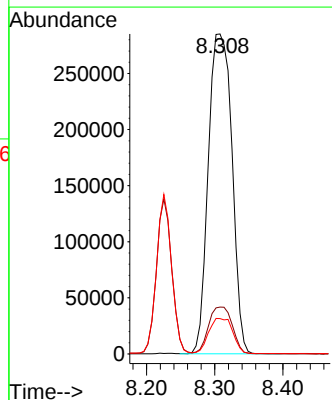
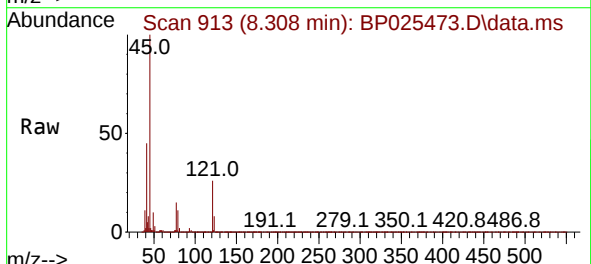
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

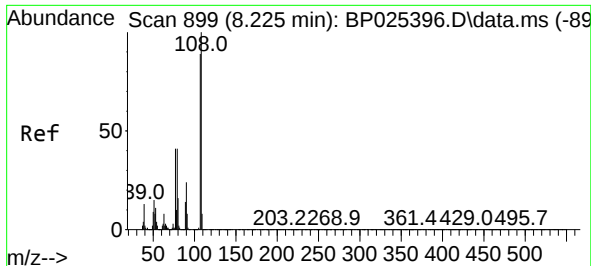
Tgt Ion: 79 Resp: 504404
Ion Ratio Lower Upper
79 100
108 79.2 63.8 95.6
77 62.4 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.263 ng
RT: 8.308 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion: 45 Resp: 689083
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.3
79 11.1 0.0 31.8

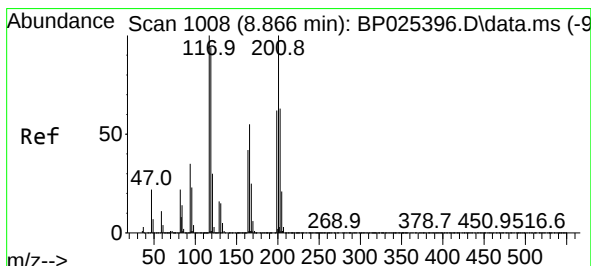
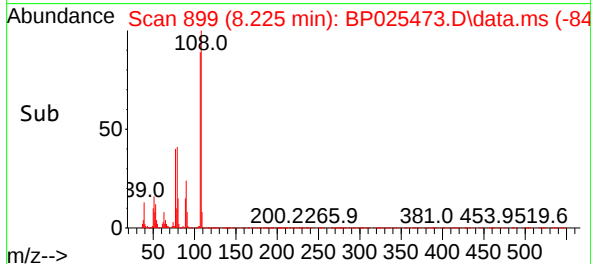
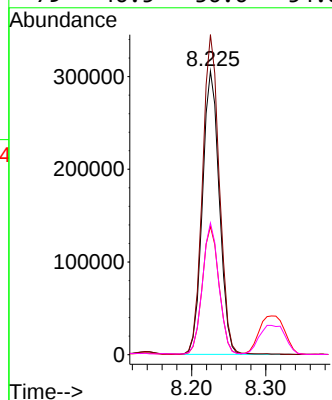
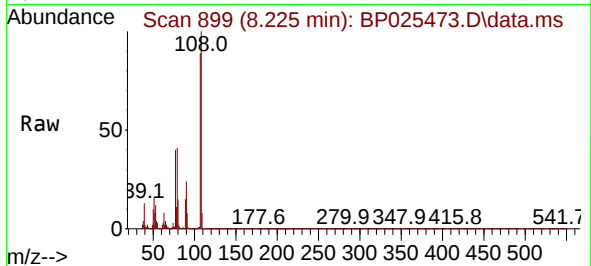




#17
2-Methylphenol
Concen: 49.736 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

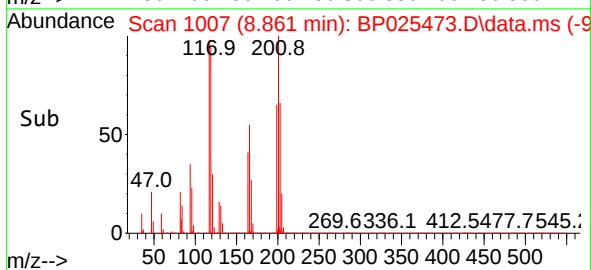
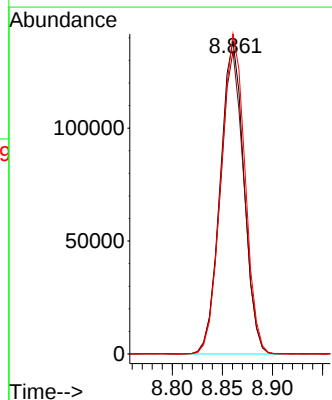
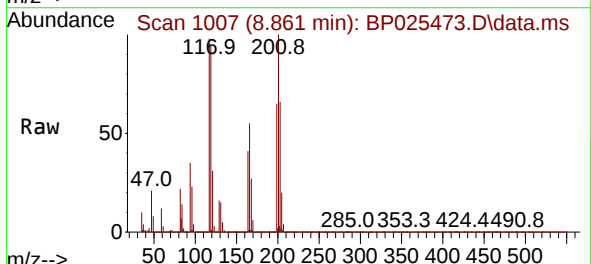
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

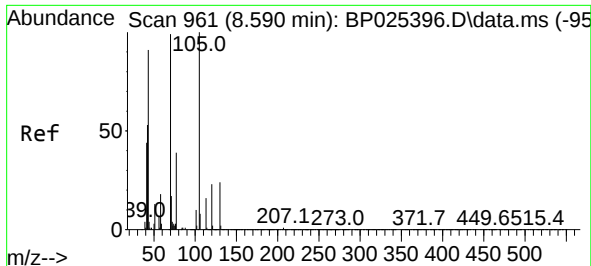
Tgt Ion:	107	Resp:	482348
Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.4	134.0
77	45.2	36.3	54.5
79	46.5	36.6	54.8



#18
Hexachloroethane
Concen: 46.811 ng
RT: 8.861 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:	117	Resp:	227208
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.1	112.7
201	102.3	80.1	120.1

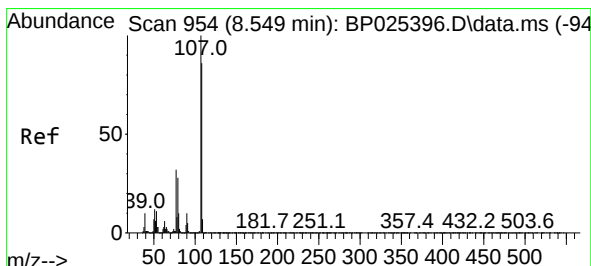
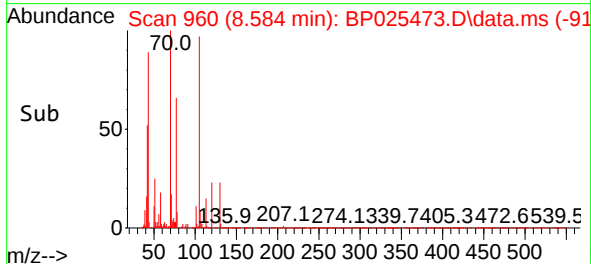
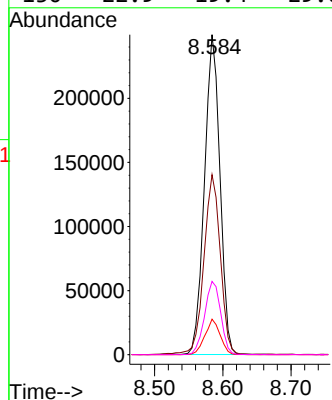
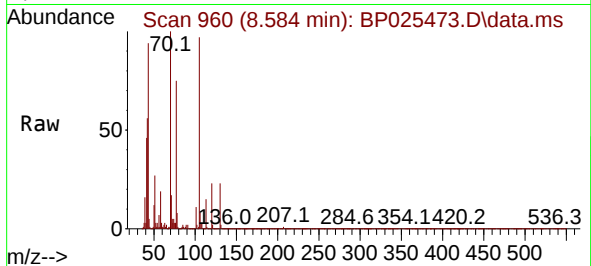




#19
n-Nitroso-di-n-propylamine
Concen: 44.678 ng
RT: 8.584 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

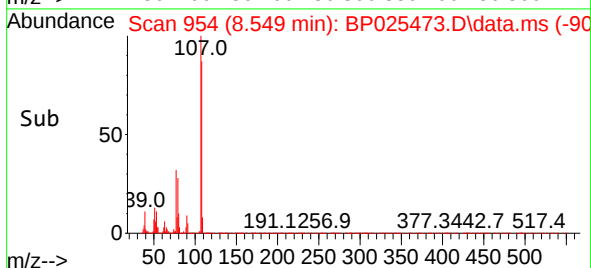
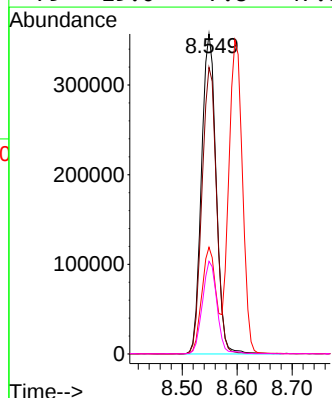
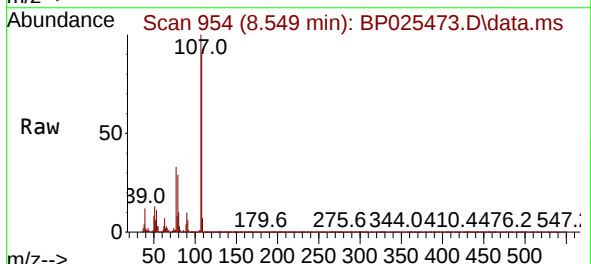
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

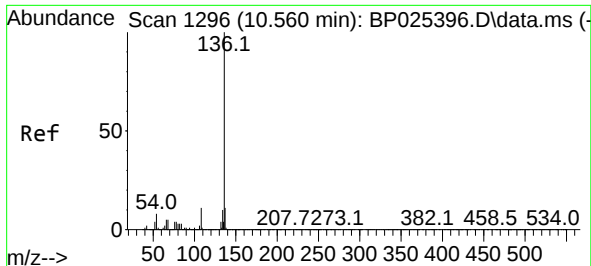
Tgt Ion: 70 Resp: 393822
Ion Ratio Lower Upper
70 100
42 56.2 43.8 65.6
101 11.1 8.5 12.7
130 22.9 19.4 29.0



#20
3+4-Methylphenols
Concen: 49.134 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion: 107 Resp: 660509
Ion Ratio Lower Upper
107 100
108 89.5 66.3 106.3
77 33.4 12.3 52.3
79 29.0 7.8 47.8

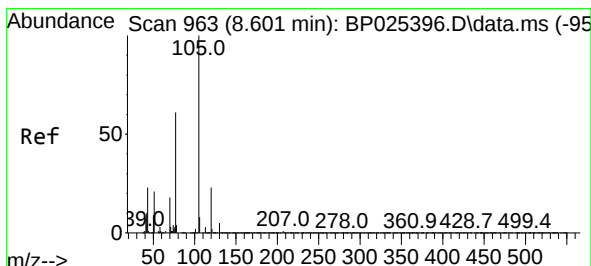
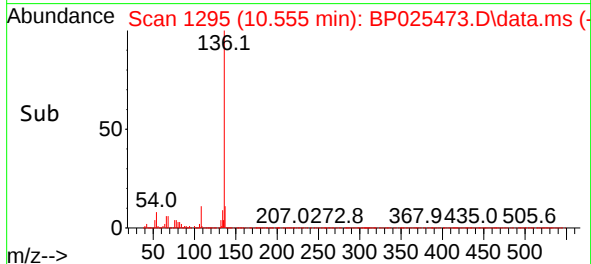
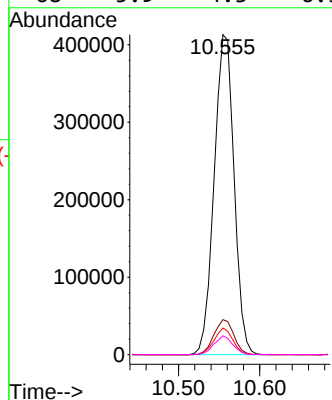
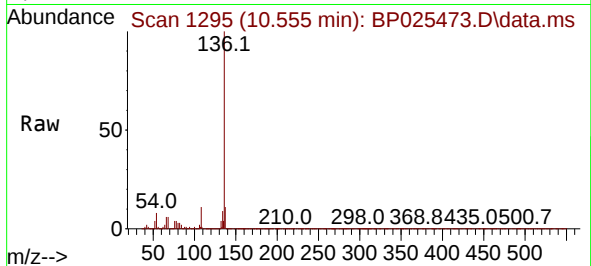




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

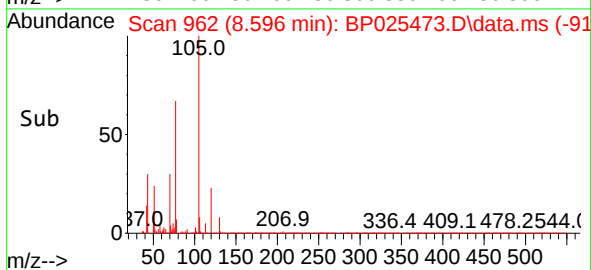
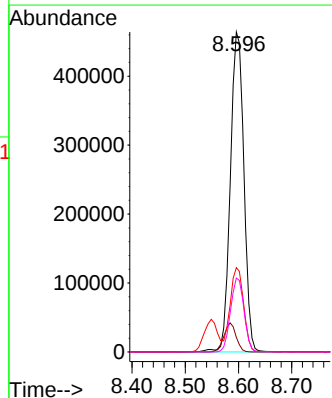
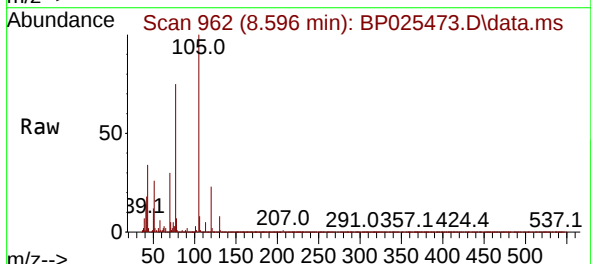
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

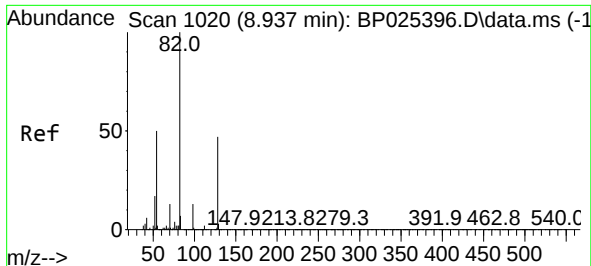
Tgt Ion:	136	Resp:	704478
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.4	6.0	9.0
68	5.9	4.3	6.5



#22
Acetophenone
Concen: 46.389 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:	105	Resp:	819556
Ion	Ratio	Lower	Upper
105	100		
71	4.5	2.6	4.0
51	26.4	20.6	30.8
120	23.1	18.6	27.8

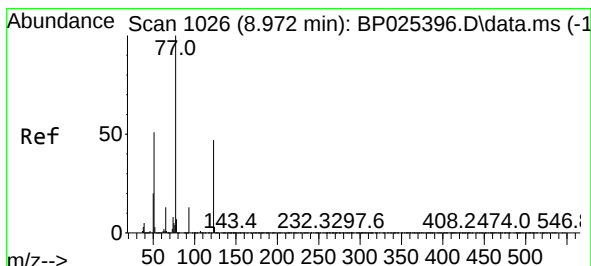
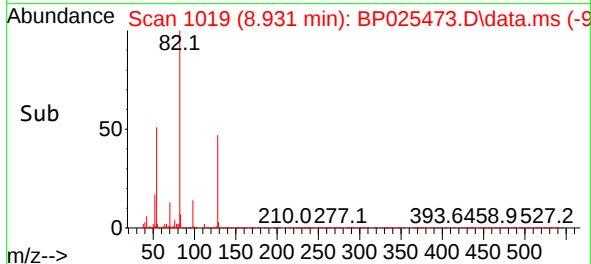
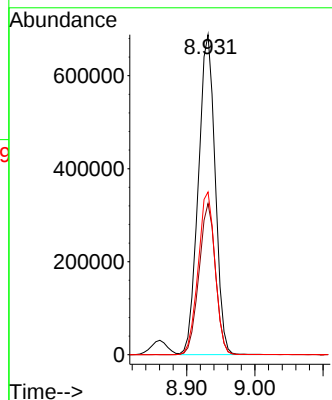
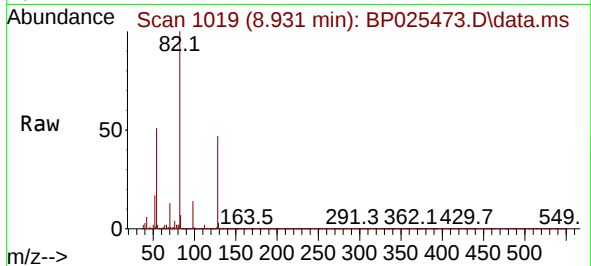




#23
Nitrobenzene-d5
Concen: 84.587 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

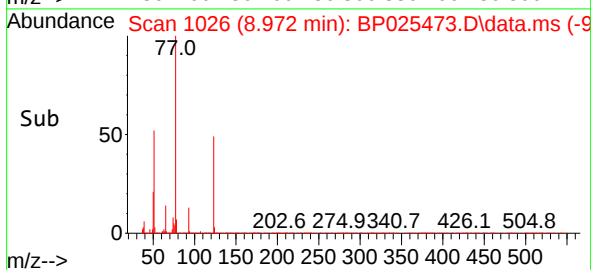
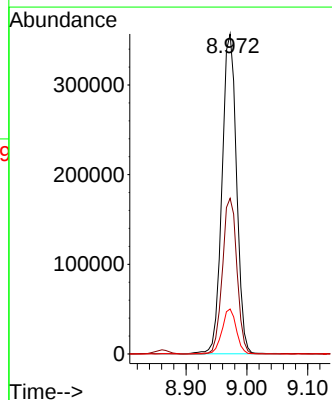
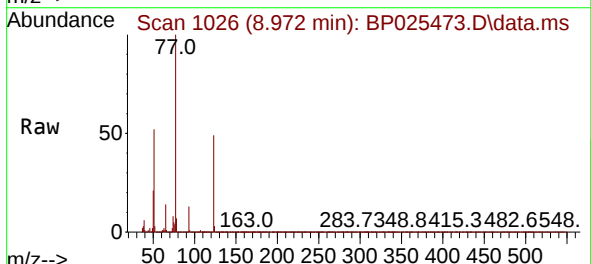
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

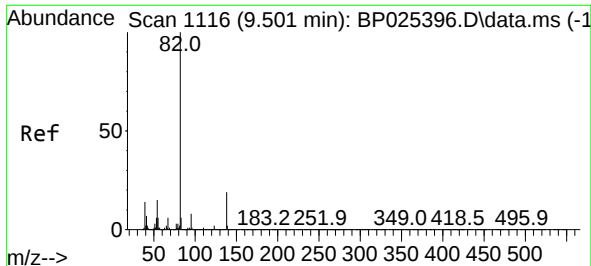
Tgt Ion: 82 Resp: 1177998
Ion Ratio Lower Upper
82 100
128 47.3 37.7 56.5
54 50.9 39.8 59.6



#24
Nitrobenzene
Concen: 47.489 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion: 77 Resp: 591064
Ion Ratio Lower Upper
77 100
123 48.7 38.6 58.0
65 14.1 10.6 15.8

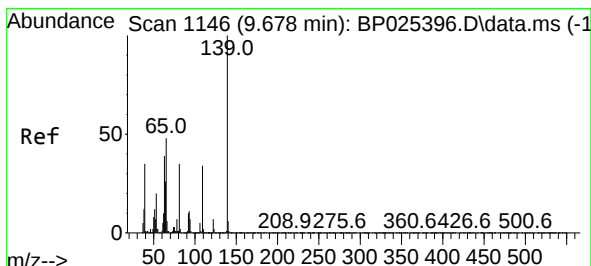
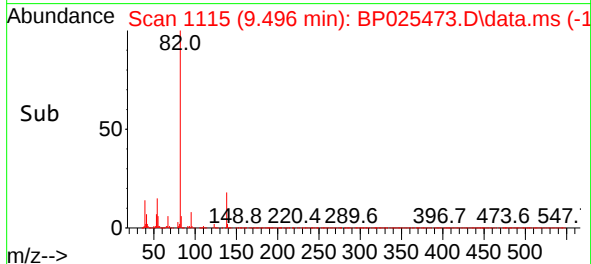
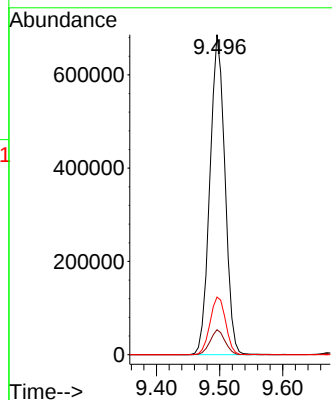
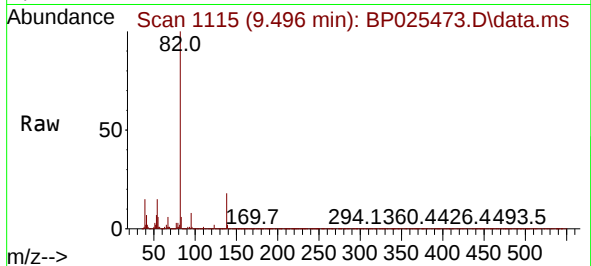




#25
Isophorone
Concen: 46.032 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

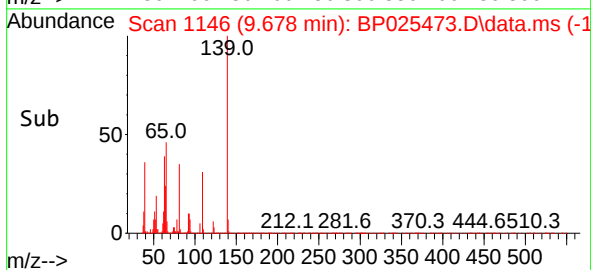
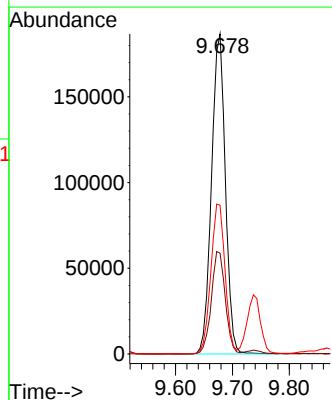
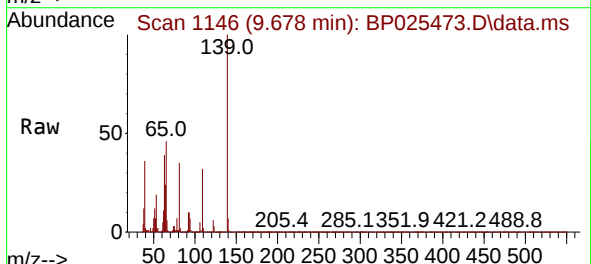
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

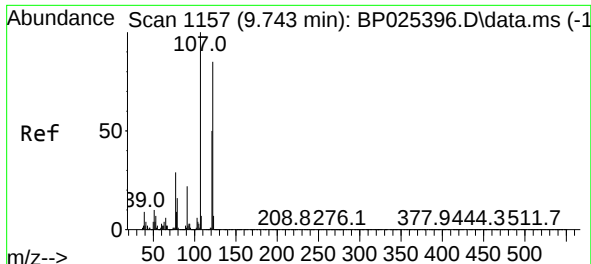
Tgt Ion: 82 Resp: 1134513
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.0 15.4 23.0



#26
2-Nitrophenol
Concen: 49.309 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion: 139 Resp: 314959
Ion Ratio Lower Upper
139 100
109 31.5 26.9 40.3
65 46.5 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 50.825 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

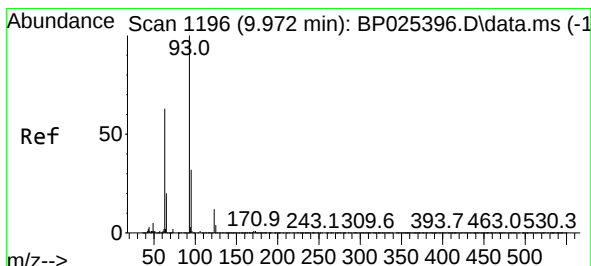
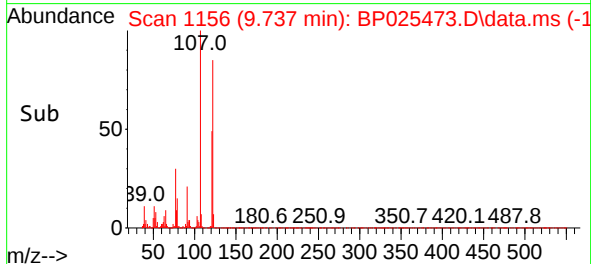
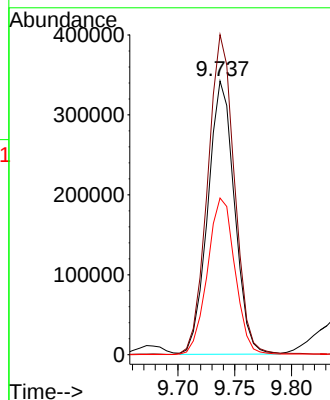
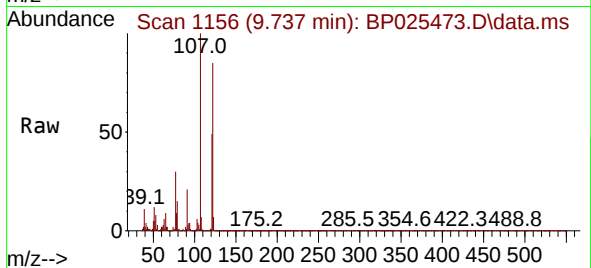
Tgt Ion:122 Resp: 558293

Ion Ratio Lower Upper

122 100

107 117.0 93.7 140.5

121 57.3 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.914 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

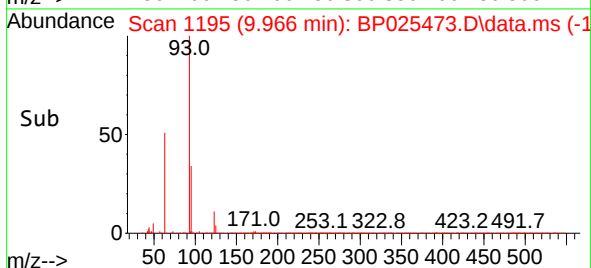
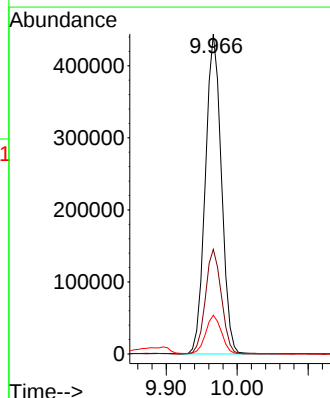
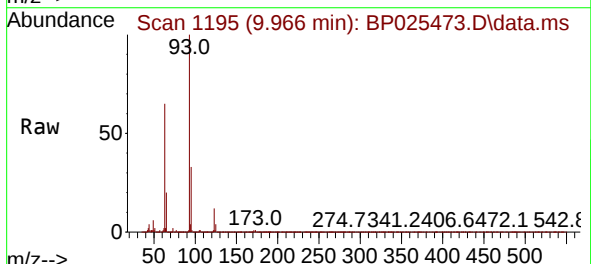
Tgt Ion: 93 Resp: 698931

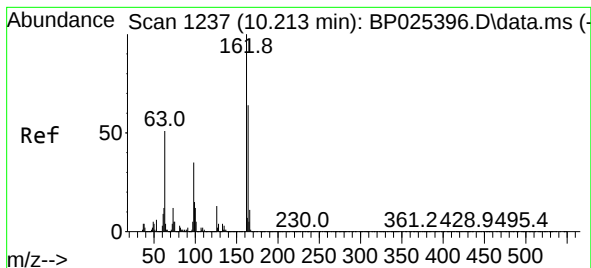
Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.0

123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 51.769 ng

RT: 10.208 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

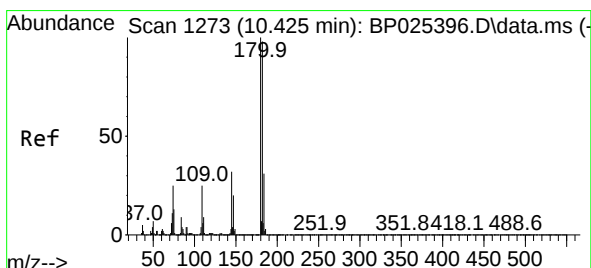
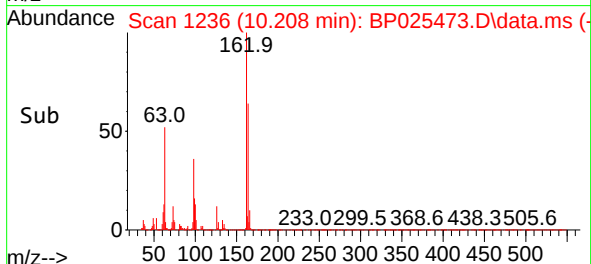
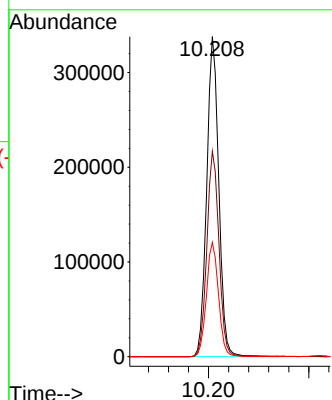
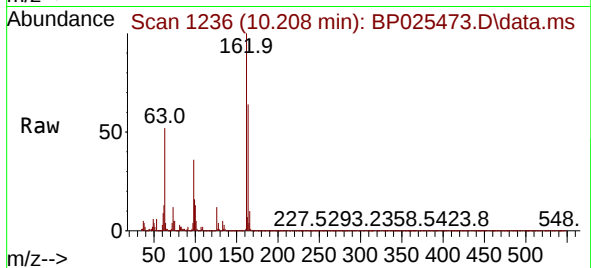
Tgt Ion:162 Resp: 564908

Ion Ratio Lower Upper

162 100

164 64.2 44.4 84.4

98 35.7 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 46.307 ng

RT: 10.419 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

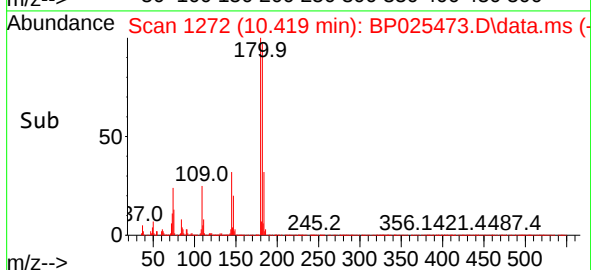
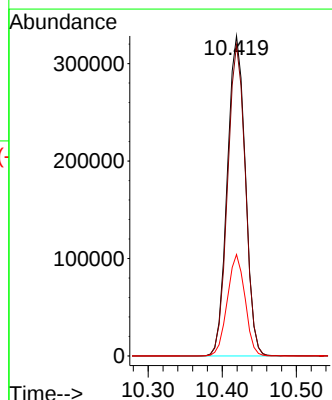
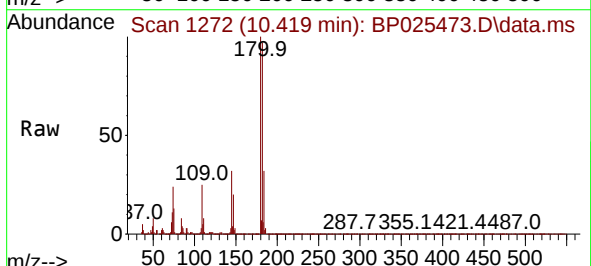
Tgt Ion:180 Resp: 553924

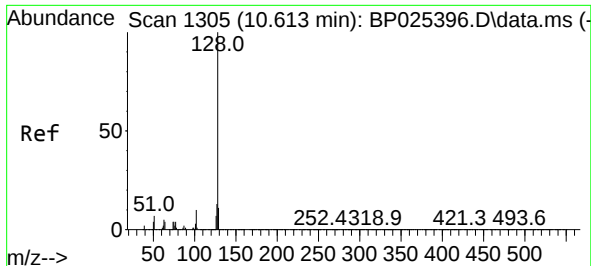
Ion Ratio Lower Upper

180 100

182 97.2 78.0 117.0

145 31.7 25.9 38.9

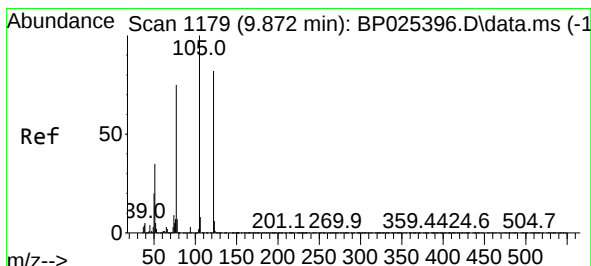
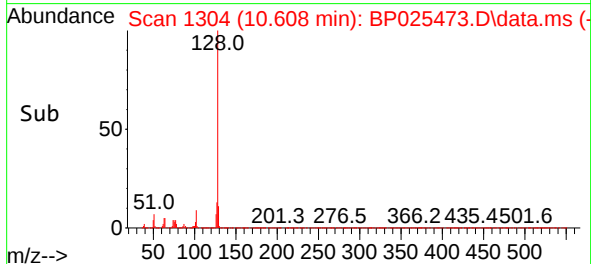
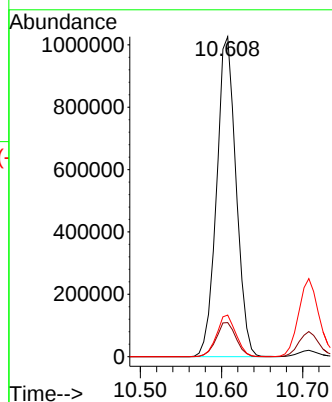
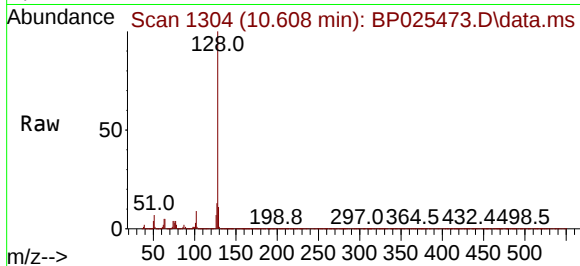




#31
Naphthalene
Concen: 46.717 ng
RT: 10.608 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

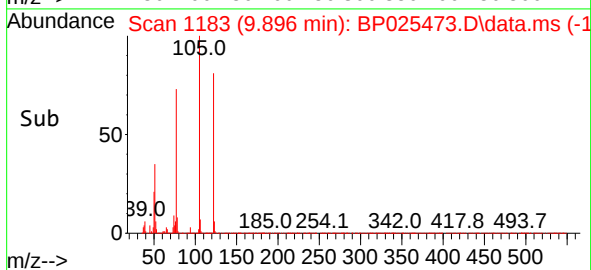
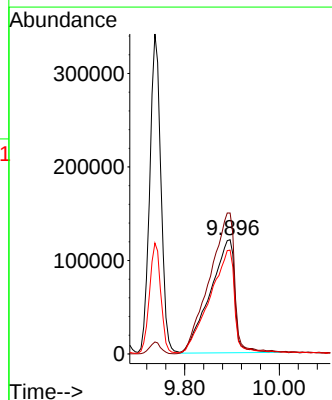
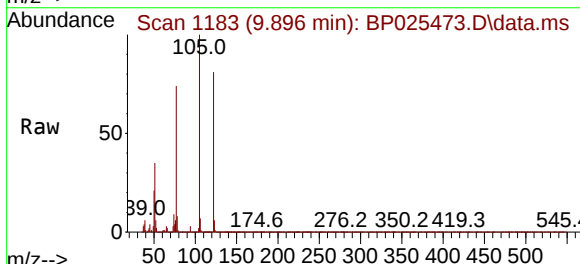
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

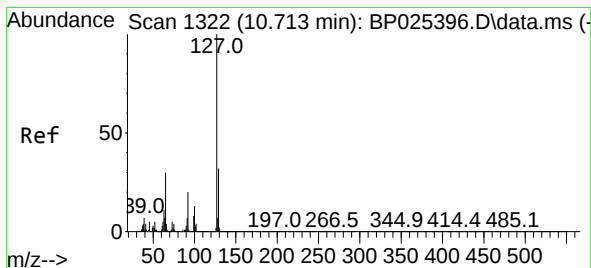
Tgt Ion:128 Resp: 1710559
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 54.190 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.024 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:122 Resp: 439462
Ion Ratio Lower Upper
122 100
105 123.3 100.6 140.6
77 90.8 71.5 111.5





#33

4-Chloroaniline

Concen: 27.233 ng

RT: 10.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

Tgt Ion:127 Resp: 440457

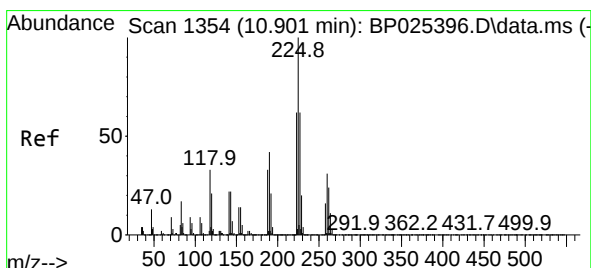
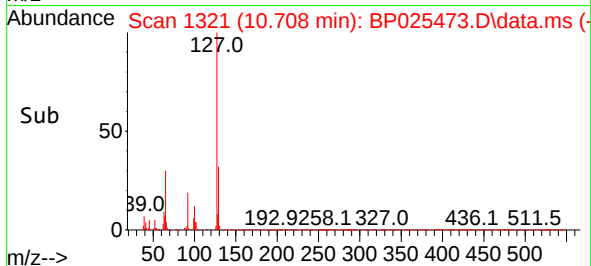
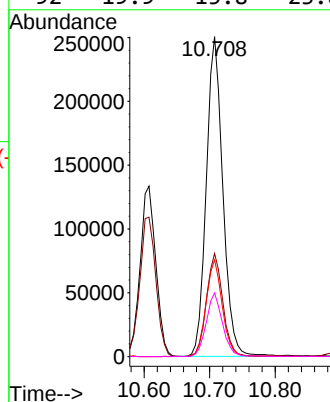
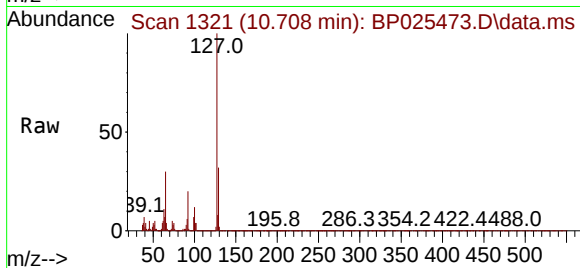
Ion Ratio Lower Upper

127 100

129 32.2 25.4 38.2

65 30.3 23.8 35.6

92 19.9 15.8 23.8



#34

Hexachlorobutadiene

Concen: 46.008 ng

RT: 10.896 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

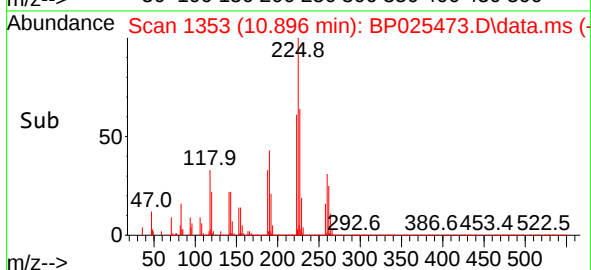
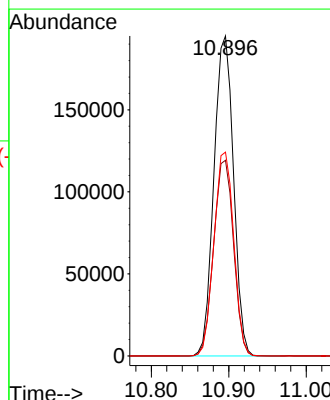
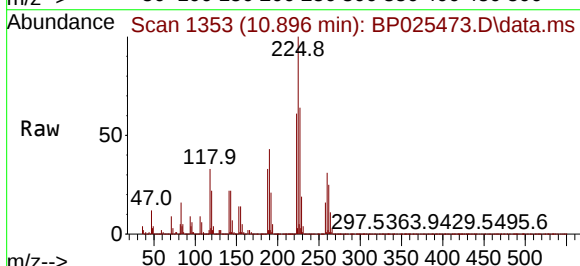
Tgt Ion:225 Resp: 342743

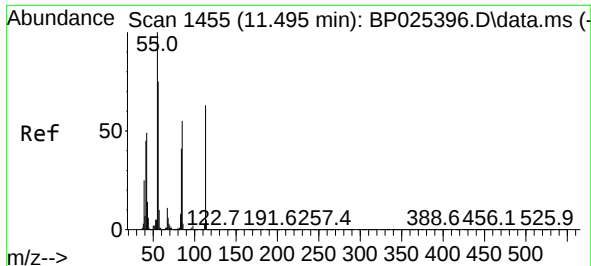
Ion Ratio Lower Upper

225 100

223 61.1 50.0 75.0

227 63.7 49.7 74.5

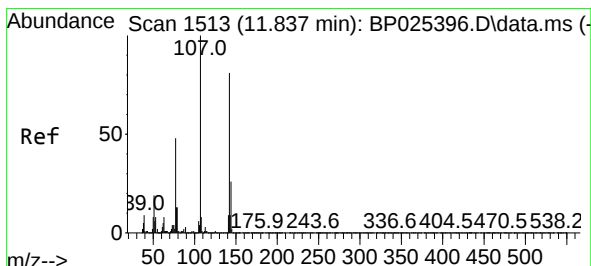
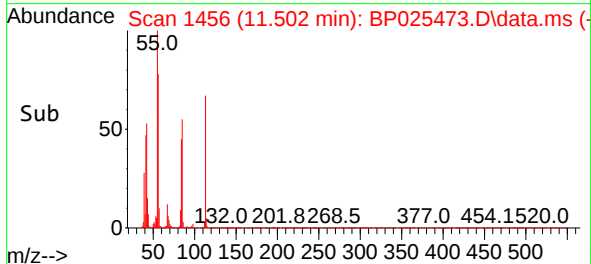
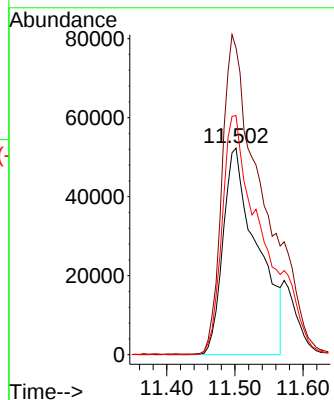
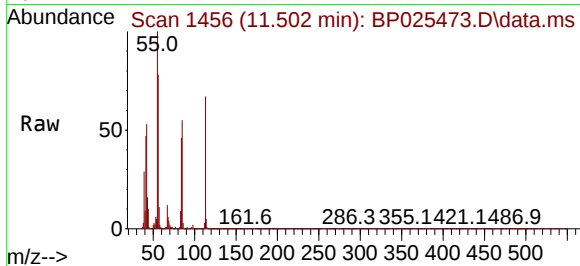




#35
Caprolactam
Concen: 45.487 ng
RT: 11.502 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

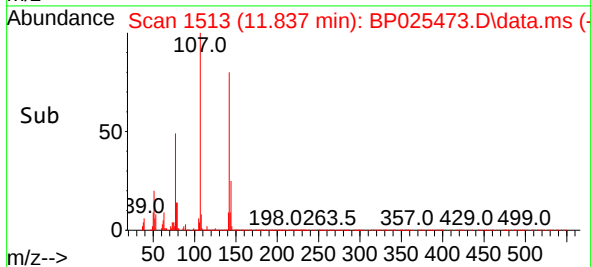
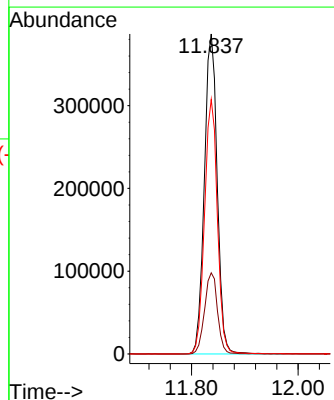
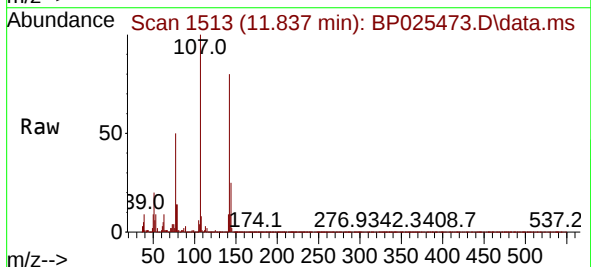
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

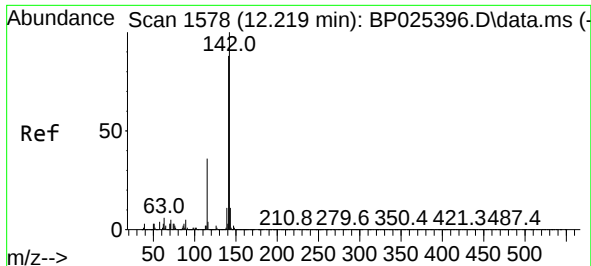
Tgt Ion:113 Resp: 182006
Ion Ratio Lower Upper
113 100
55 148.5 140.0 180.0
56 115.7 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 51.621 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:107 Resp: 646361
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.4
142 79.5 64.6 97.0

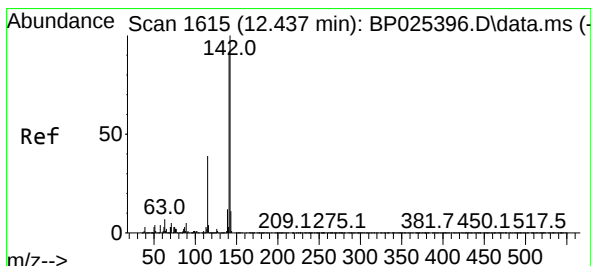
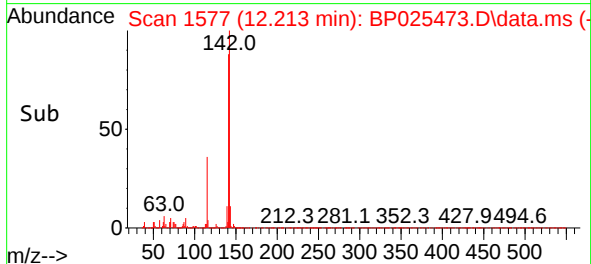
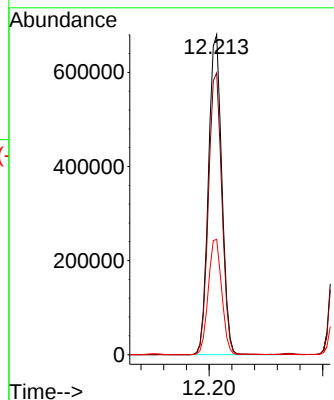
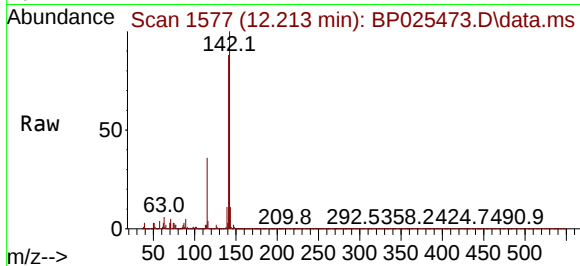




#37
2-Methylnaphthalene
Concen: 46.469 ng
RT: 12.213 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

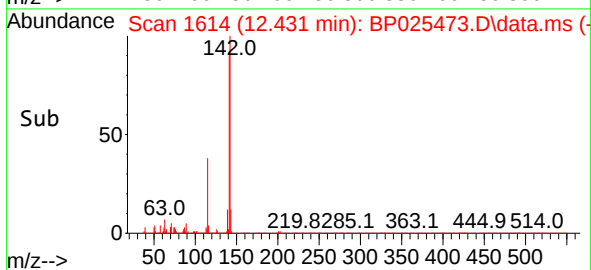
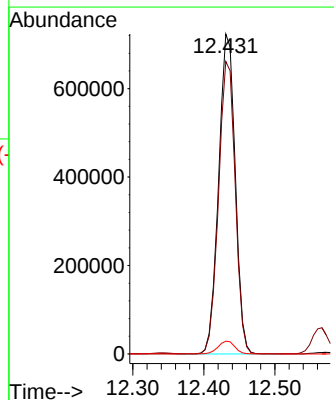
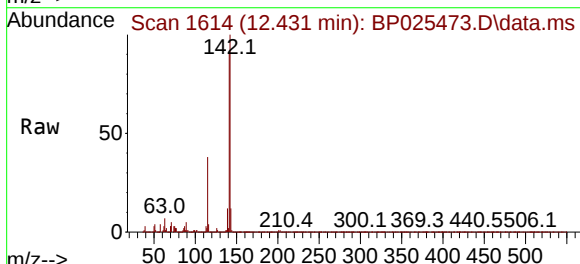
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

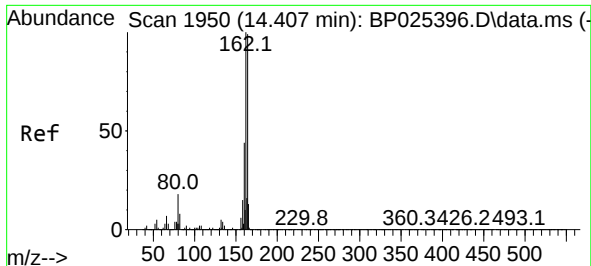
Tgt Ion:142 Resp: 1107270
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5
115 36.1 28.9 43.3



#38
1-Methylnaphthalene
Concen: 46.102 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:142 Resp: 1168249
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7
116 4.0 3.2 4.8

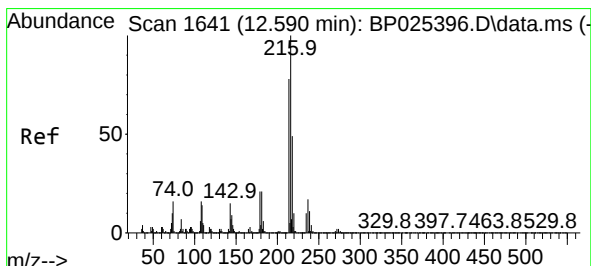
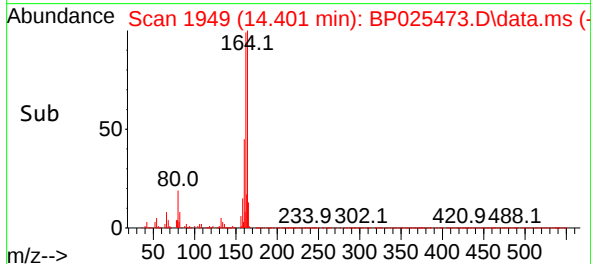
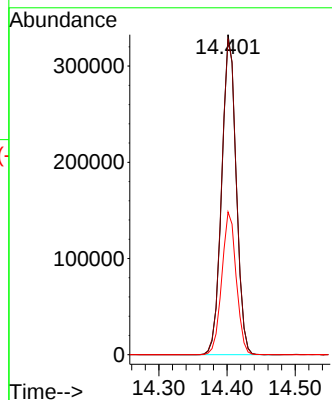
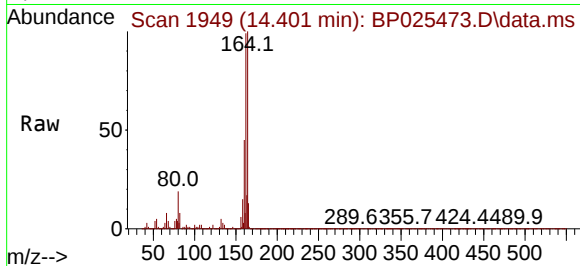




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

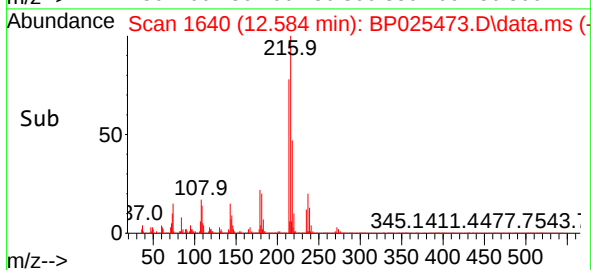
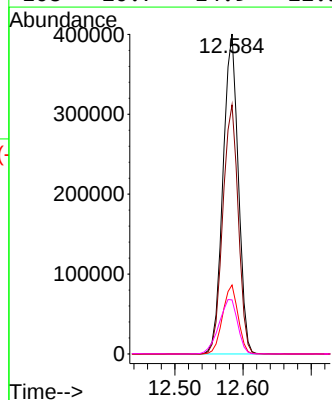
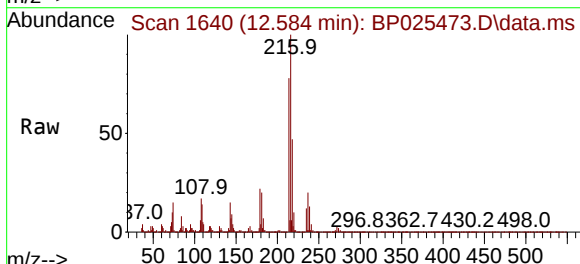
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

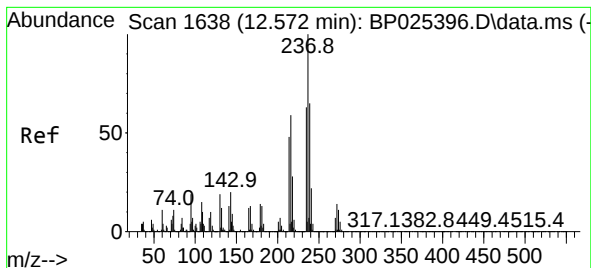
Tgt Ion:164 Resp: 488785
Ion Ratio Lower Upper
164 100
162 98.6 81.0 121.6
160 44.6 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.362 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:216 Resp: 626241
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 21.7 17.1 25.7
108 20.7 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 90.496 ng

RT: 12.566 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

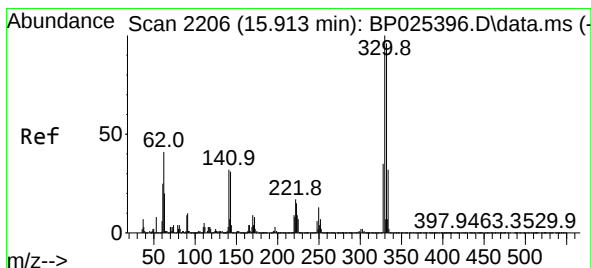
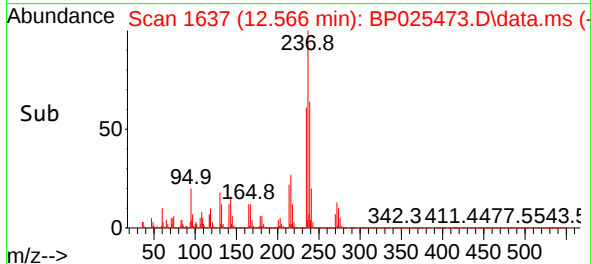
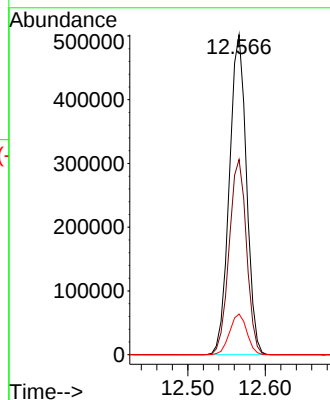
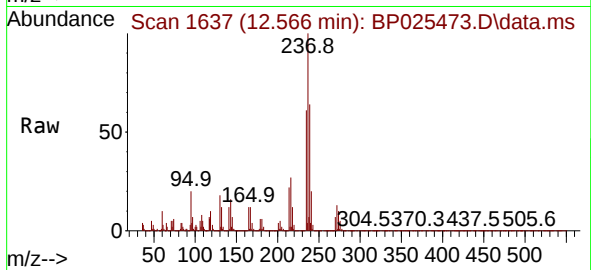
Tgt Ion:237 Resp: 771660

Ion Ratio Lower Upper

237 100

235 61.0 42.7 82.7

272 12.7 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 144.154 ng

RT: 15.919 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

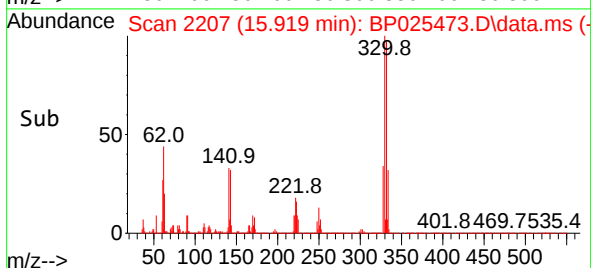
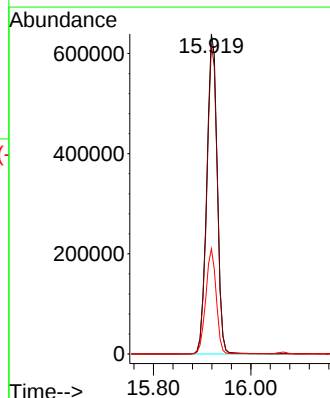
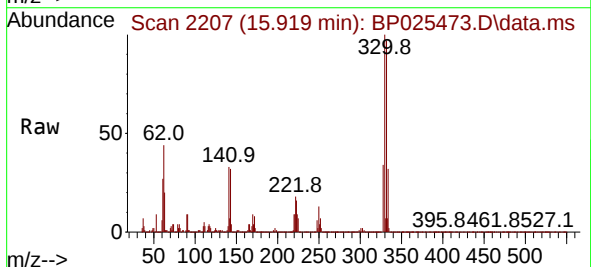
Tgt Ion:330 Resp: 948405

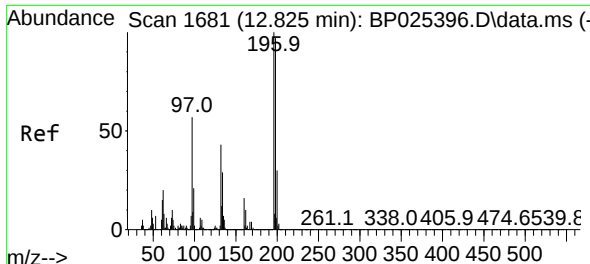
Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 32.9 26.6 39.8

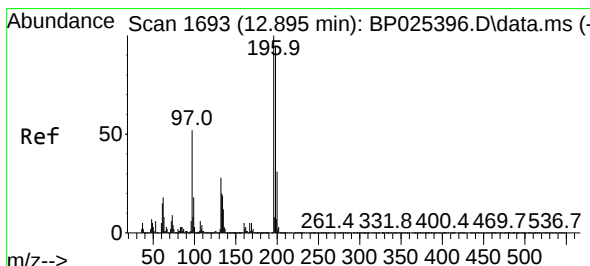
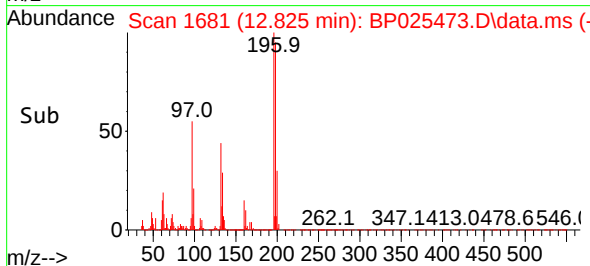
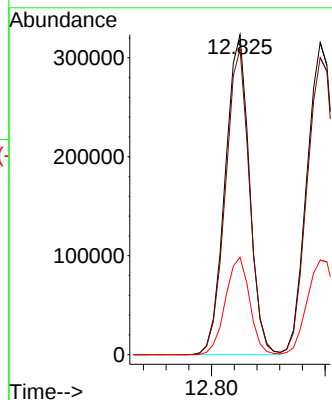
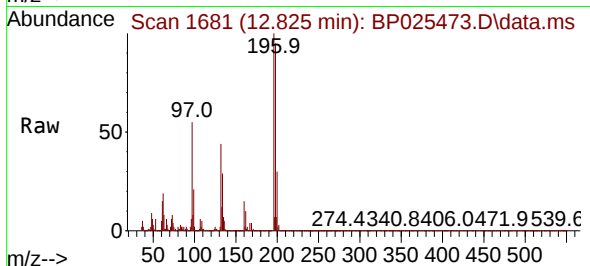




#43
2,4,6-Trichlorophenol
Concen: 50.315 ng
RT: 12.825 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

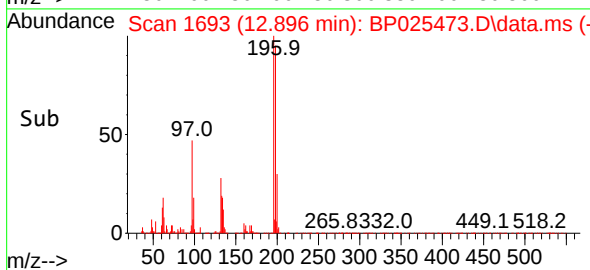
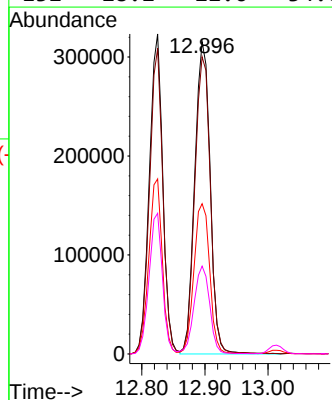
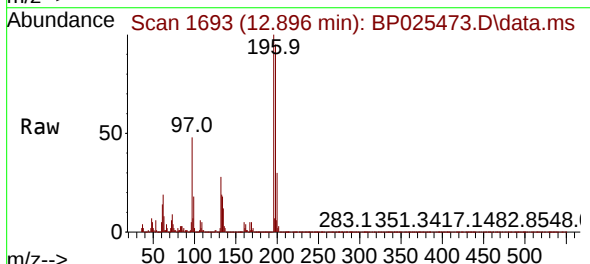
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

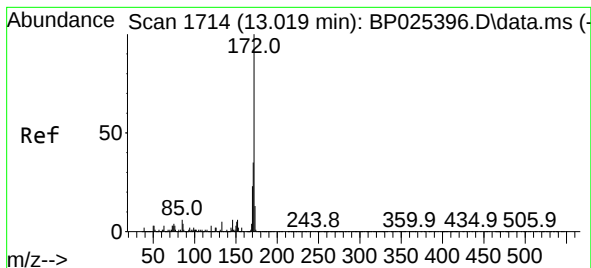
Tgt Ion:196 Resp: 479514
Ion Ratio Lower Upper
196 100
198 95.5 77.2 115.8
200 30.4 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 51.353 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:196 Resp: 536382
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.2
97 48.1 41.2 61.8
132 28.2 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 79.179 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

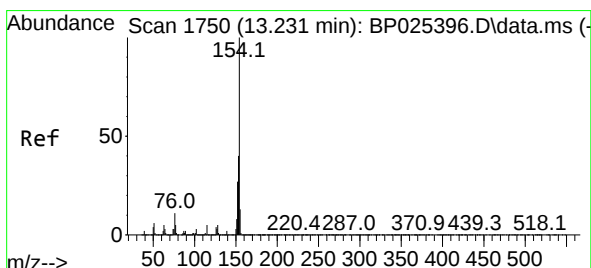
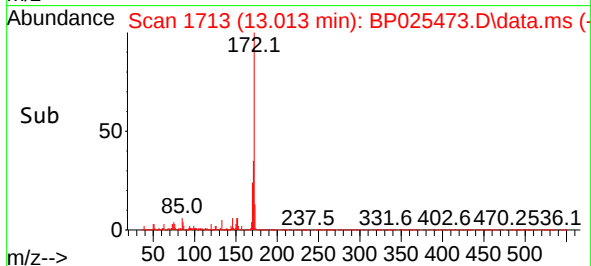
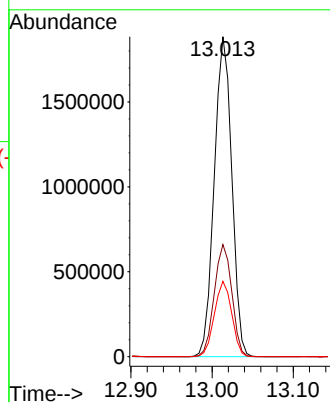
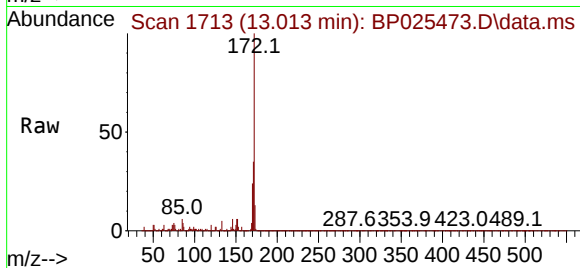
Tgt Ion:172 Resp: 2831786

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 46.160 ng

RT: 13.225 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

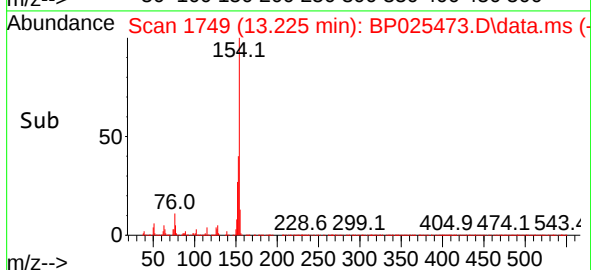
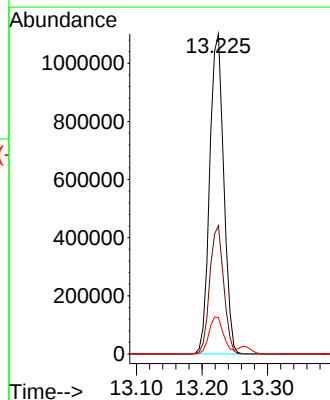
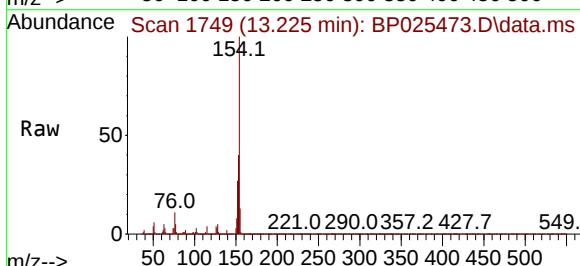
Tgt Ion:154 Resp: 1638603

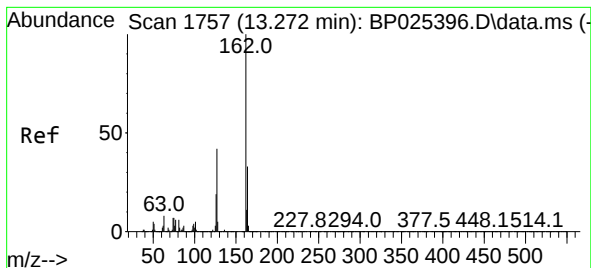
Ion Ratio Lower Upper

154 100

153 40.1 19.5 59.5

76 11.4 0.0 31.1

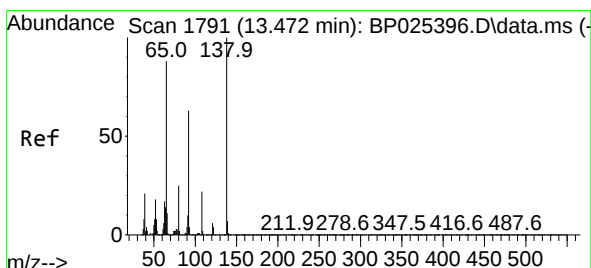
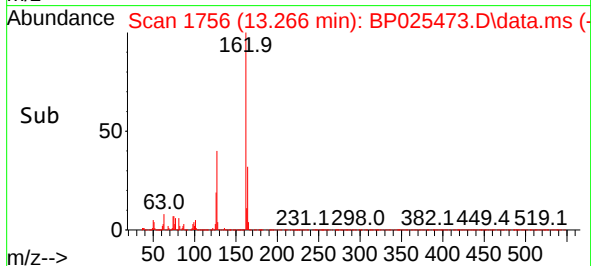
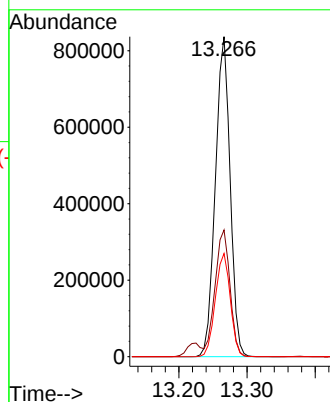
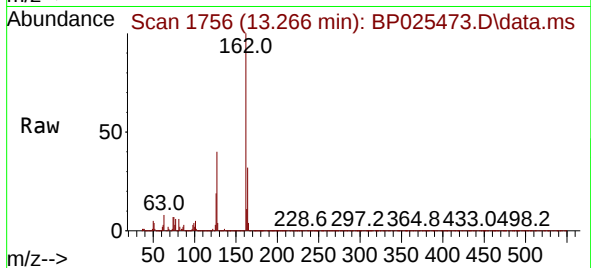




#47
2-Chloronaphthalene
Concen: 45.586 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

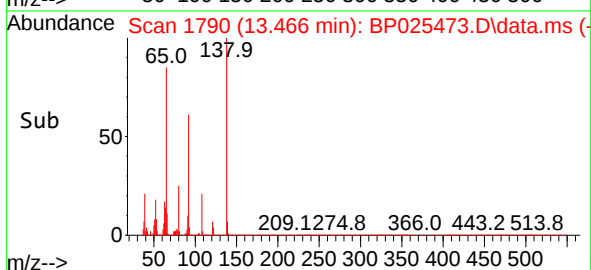
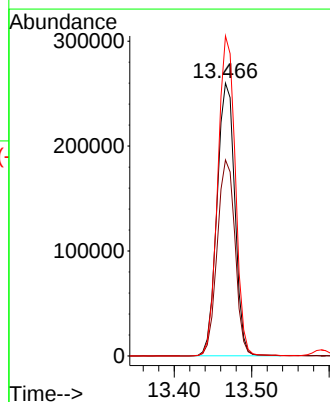
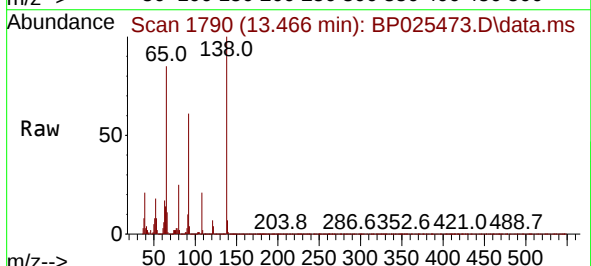
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

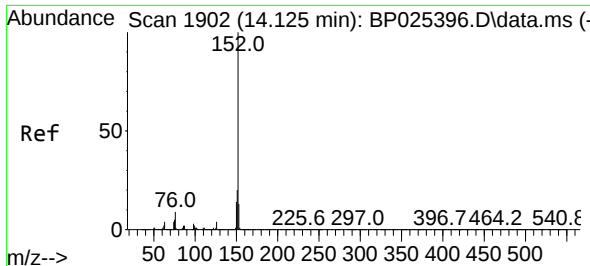
Tgt Ion:162 Resp: 1259783
Ion Ratio Lower Upper
162 100
127 39.6 33.4 50.2
164 32.2 26.2 39.2



#48
2-Nitroaniline
Concen: 51.546 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion: 65 Resp: 415059
Ion Ratio Lower Upper
65 100
92 71.9 57.6 86.4
138 117.3 91.0 136.6

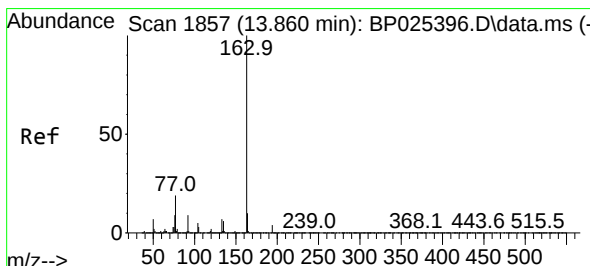
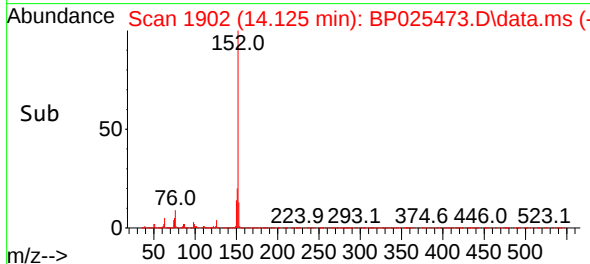
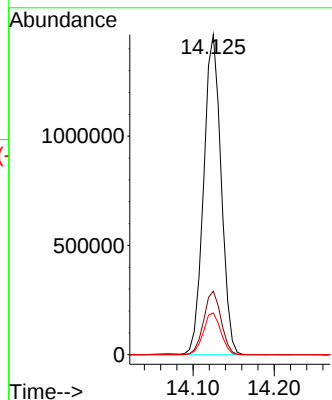
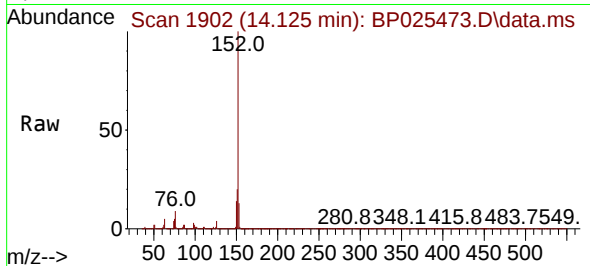




#49
Acenaphthylene
Concen: 47.615 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

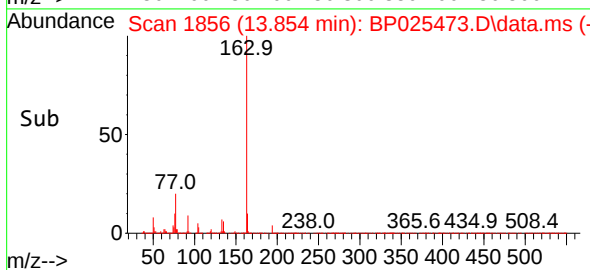
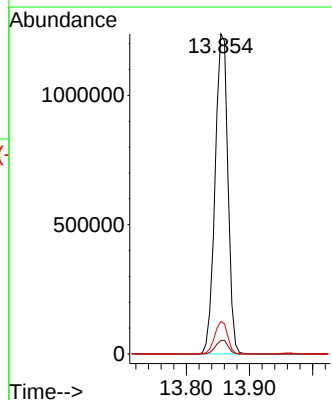
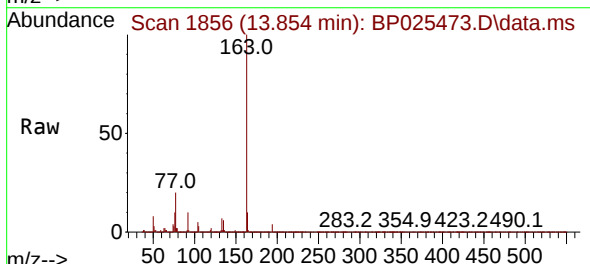
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

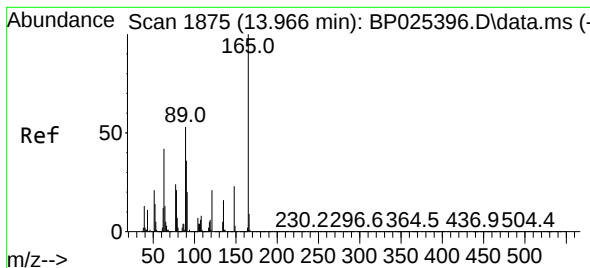
Tgt Ion:152 Resp: 2177367
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 48.585 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:163 Resp: 1738994
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 7.9 11.9

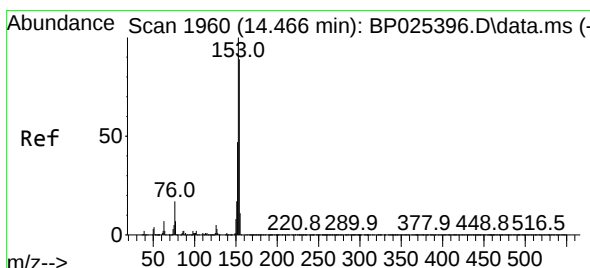
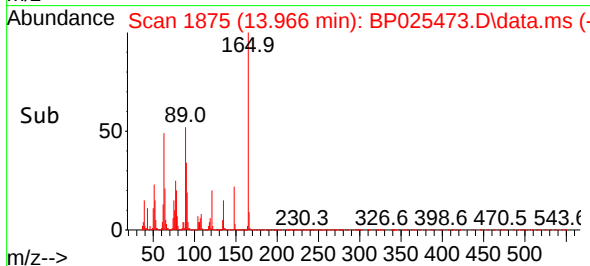
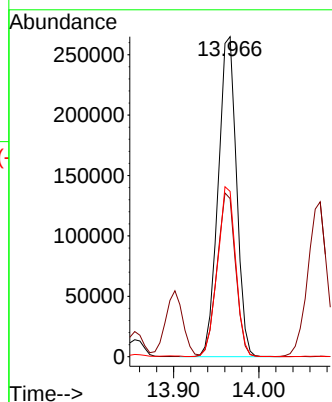
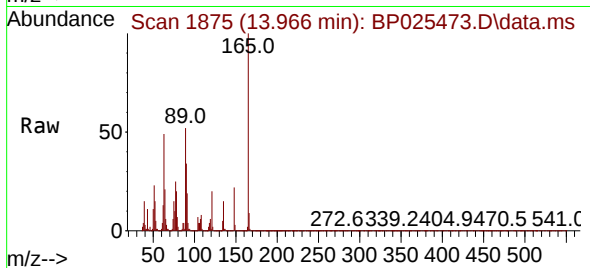




#51
2,6-Dinitrotoluene
Concen: 52.404 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

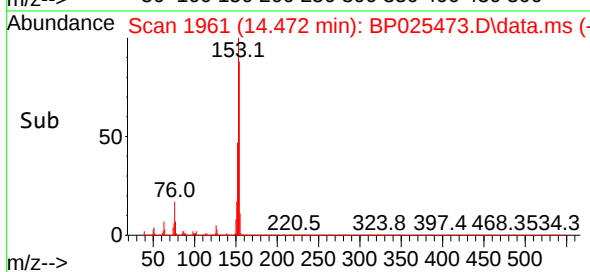
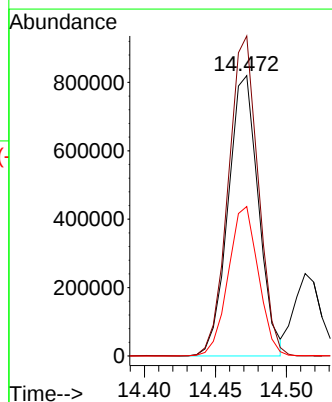
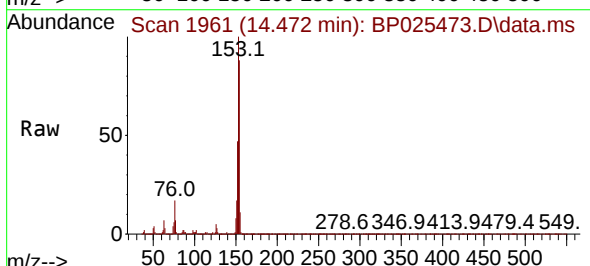
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

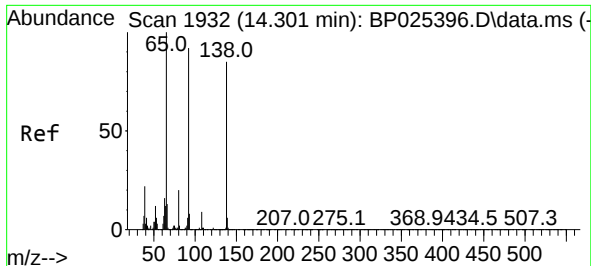
Tgt Ion:165 Resp: 395341
Ion Ratio Lower Upper
165 100
63 49.4 40.9 61.3
89 51.6 42.1 63.1



#52
Acenaphthene
Concen: 45.457 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:154 Resp: 1220137
Ion Ratio Lower Upper
154 100
153 114.1 90.2 135.2
152 53.3 42.1 63.1

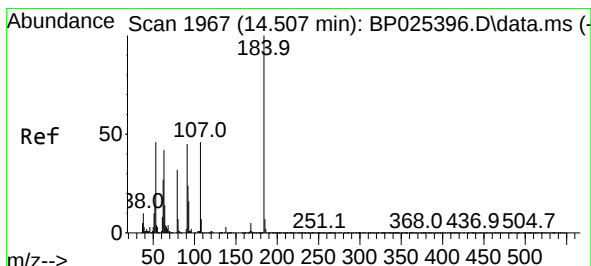
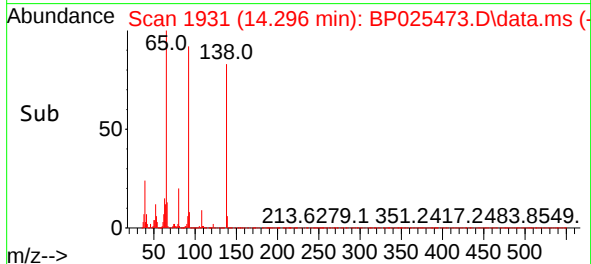
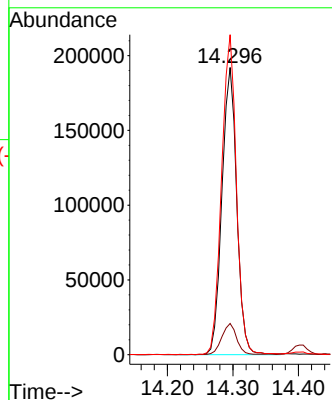
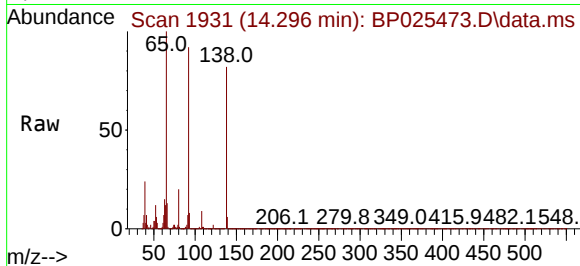




#53
3-Nitroaniline
Concen: 35.392 ng
RT: 14.296 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

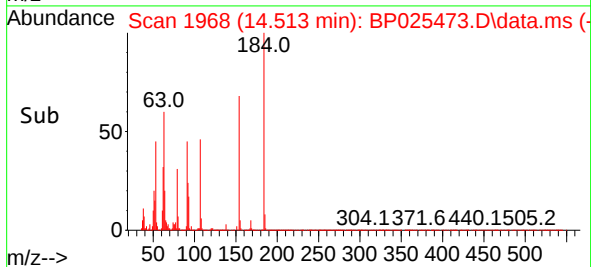
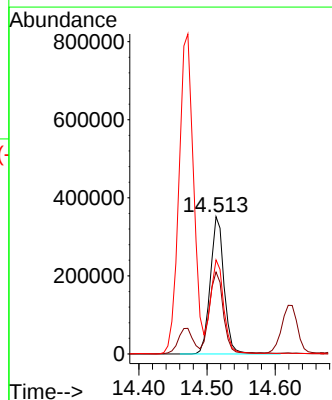
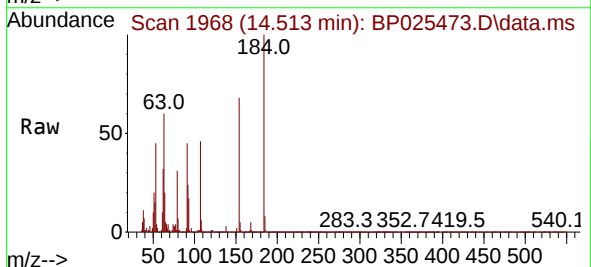
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

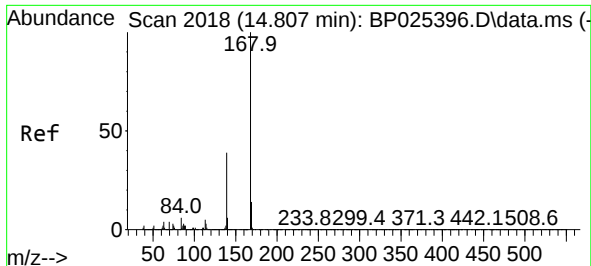
Tgt Ion:138 Resp: 300405
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 111.4 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 123.038 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:184 Resp: 495694
Ion Ratio Lower Upper
184 100
63 59.7 49.4 74.2
154 68.5 54.6 82.0

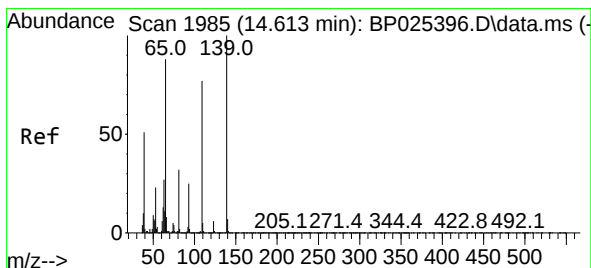
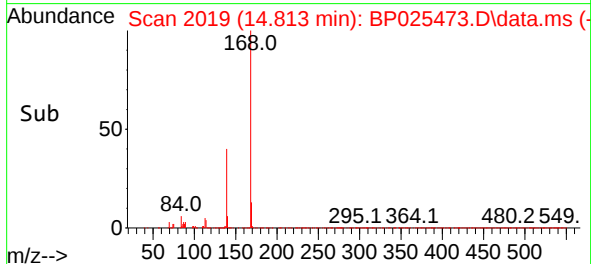
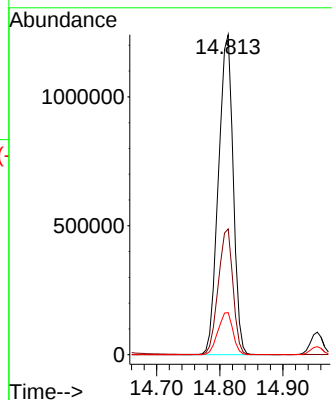
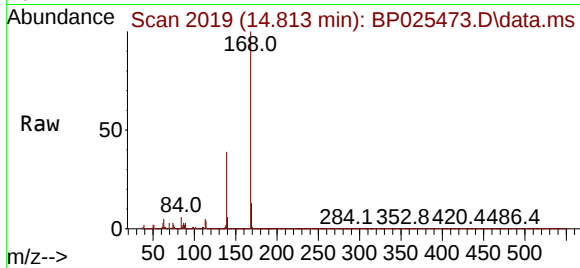




#55
Dibenzenofuran
Concen: 47.295 ng
RT: 14.813 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

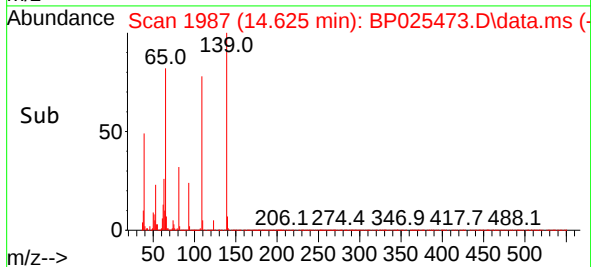
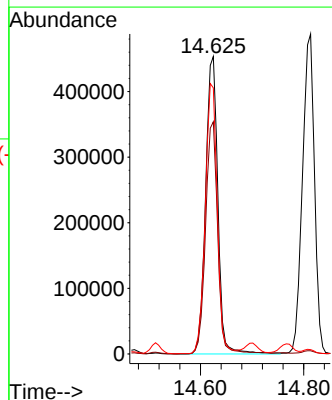
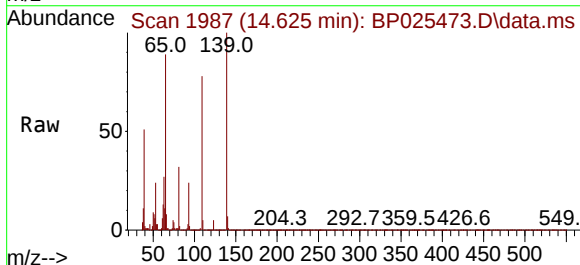
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

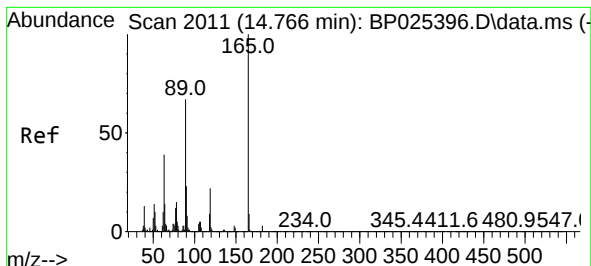
Tgt Ion:168 Resp: 2007042
Ion Ratio Lower Upper
168 100
139 39.3 31.5 47.3
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 107.051 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:139 Resp: 746663
Ion Ratio Lower Upper
139 100
109 78.0 56.6 96.6
65 89.5 68.2 108.2

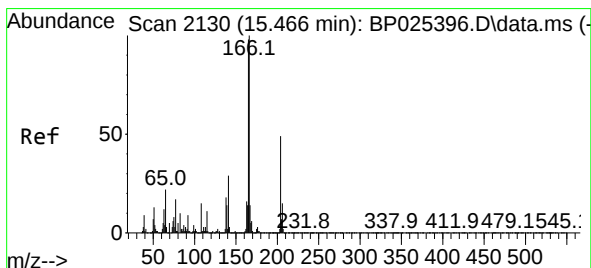
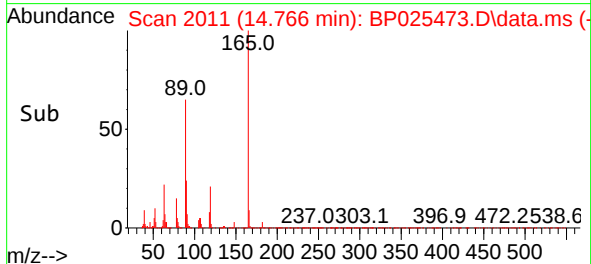
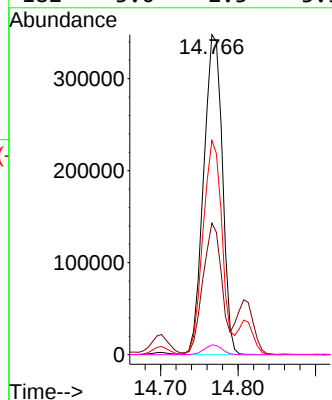
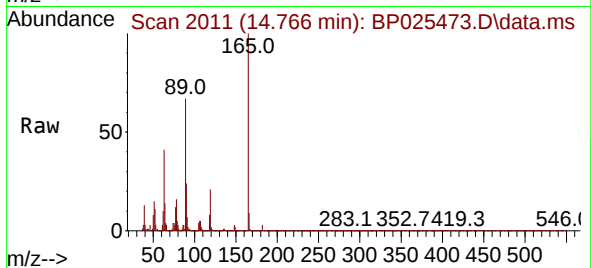




#57
2,4-Dinitrotoluene
Concen: 54.187 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

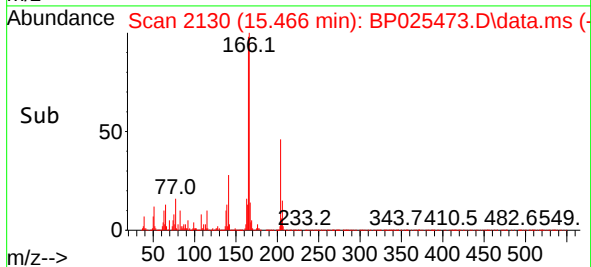
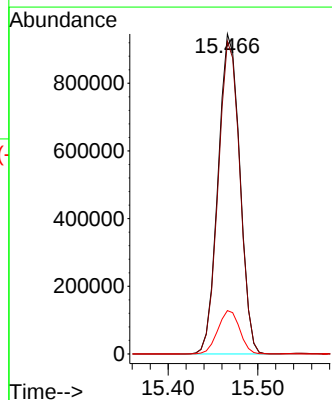
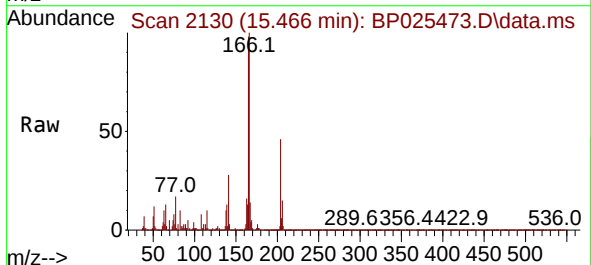
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

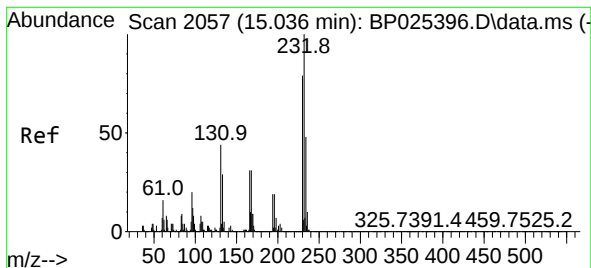
Tgt Ion:	165	Resp:	583246
Ion	Ratio	Lower	Upper
165	100		
63	41.1	31.4	47.2
89	67.0	53.3	79.9
182	3.0	2.3	3.5



#58
Fluorene
Concen: 47.465 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:	166	Resp:	1589403
Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.8	118.2
167	13.5	11.0	16.4

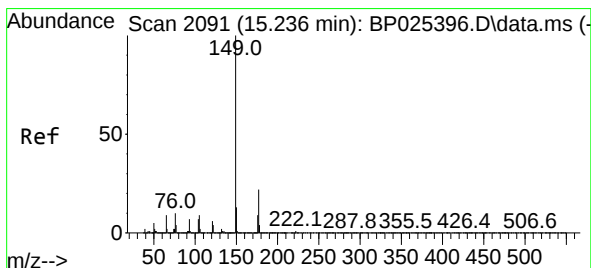
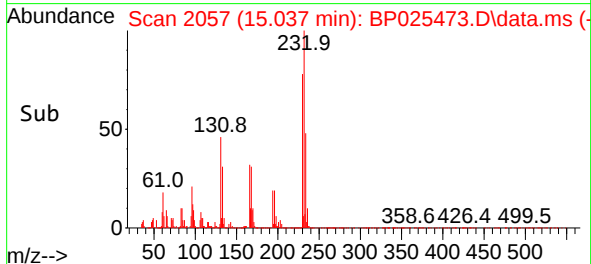
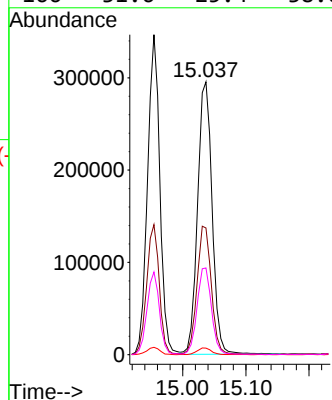
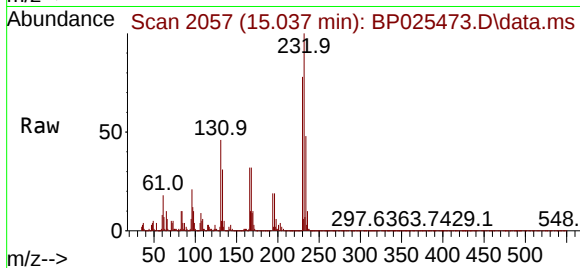




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.220 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

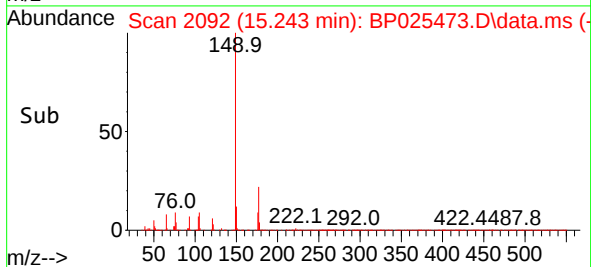
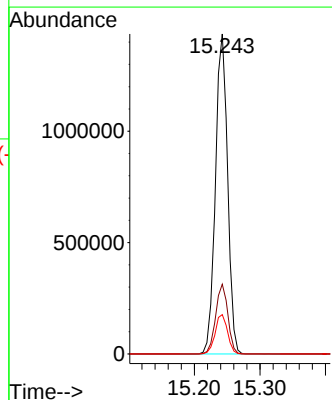
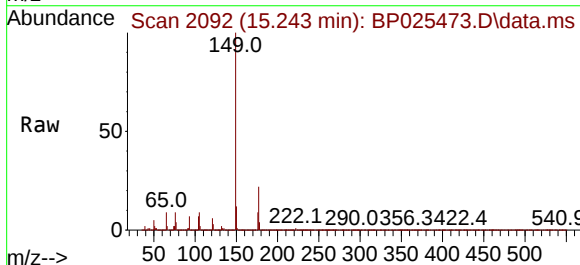
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

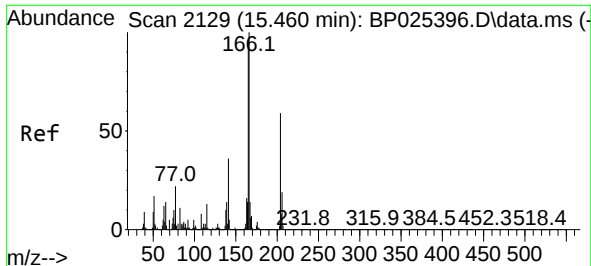
Tgt Ion:	232	Resp:	472386
Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.0	55.6
130	2.4	1.9	2.9
166	31.6	25.4	38.0



#60
Diethylphthalate
Concen: 50.715 ng
RT: 15.243 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:	149	Resp:	1844493
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.3	25.9
150	12.3	10.3	15.5

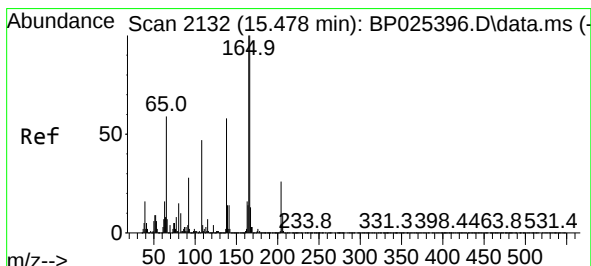
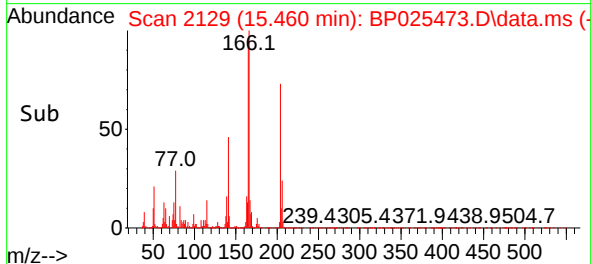
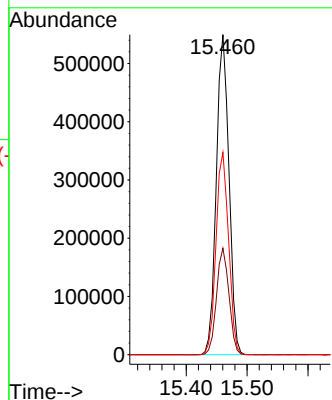
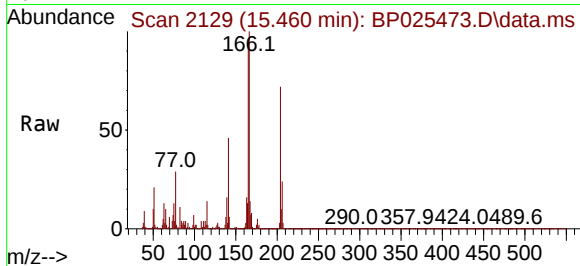




#61
4-Chlorophenyl-phenylether
Concen: 47.436 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

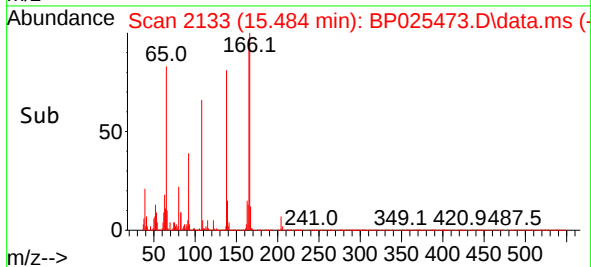
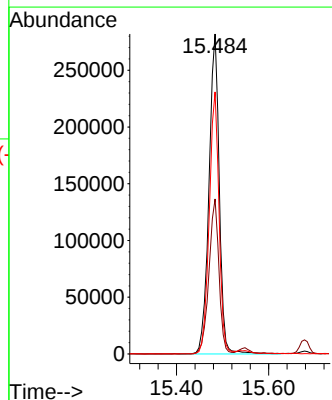
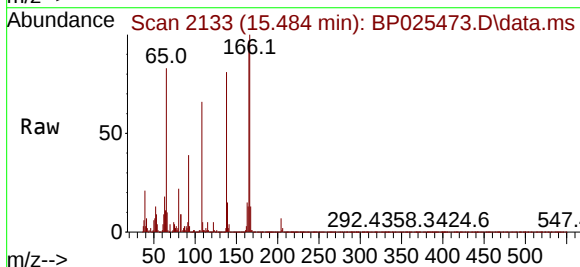
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

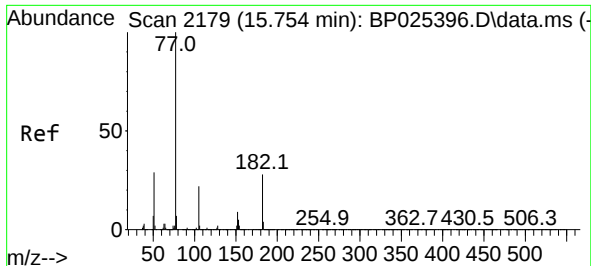
Tgt Ion:204 Resp: 789982
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.8
141 63.2 49.4 74.2



#62
4-Nitroaniline
Concen: 50.825 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:138 Resp: 442261
Ion Ratio Lower Upper
138 100
92 48.4 29.1 69.1
108 81.9 61.5 101.5



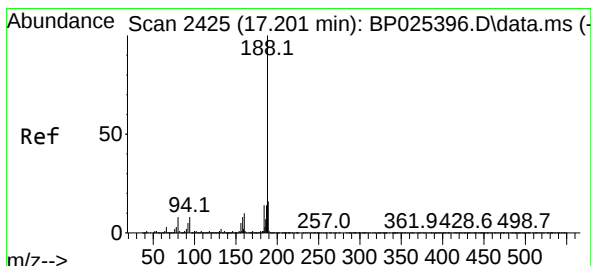
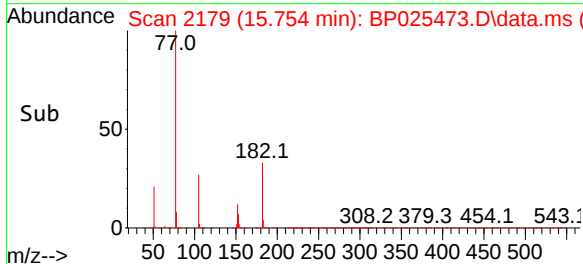
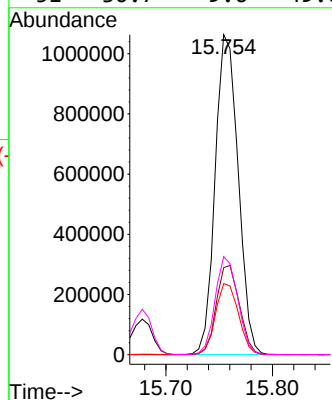
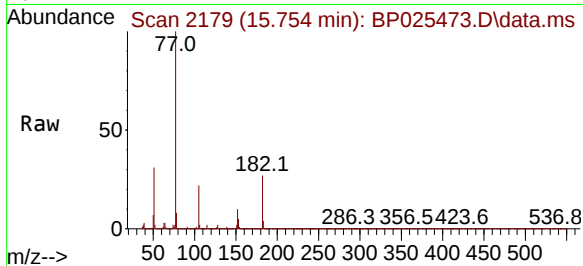


#63
Azobenzene
Concen: 51.181 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :
PB169244BSD

Tgt Ion: 77 Resp: 1593888

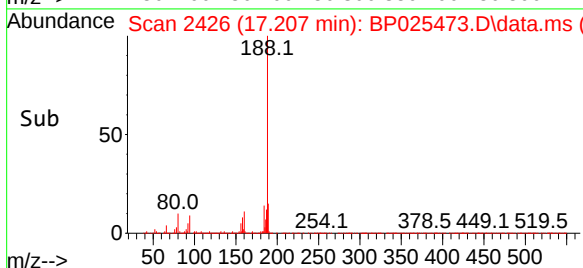
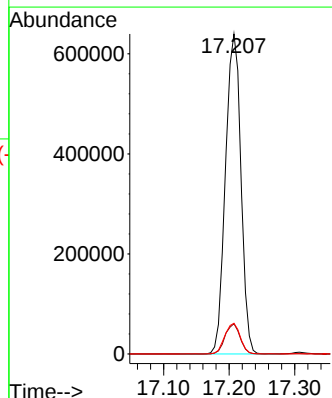
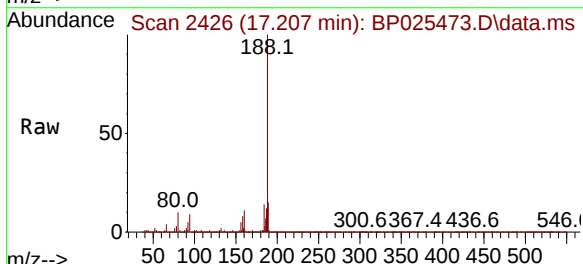
Ion	Ratio	Lower	Upper
77	100		
182	27.2	7.5	47.5
105	22.2	2.1	42.1
51	30.7	9.6	49.6

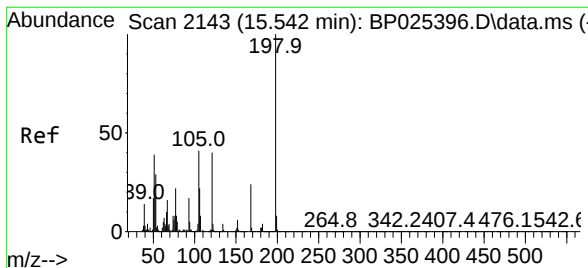


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion: 188 Resp: 1043571

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.6	10.0
80	9.6	6.7	10.1

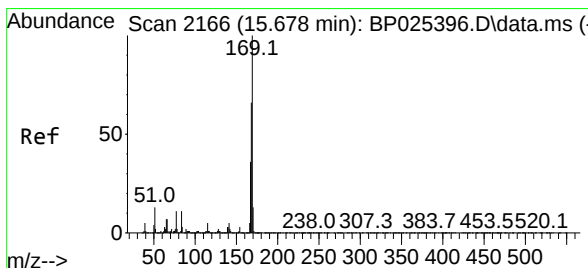
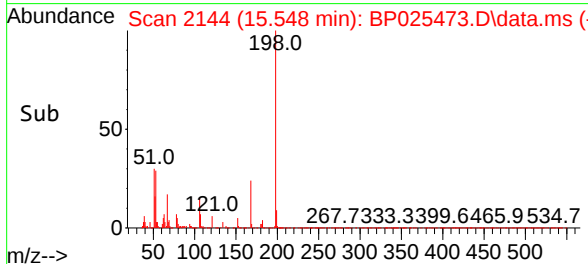
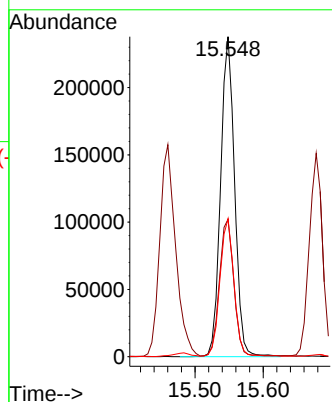
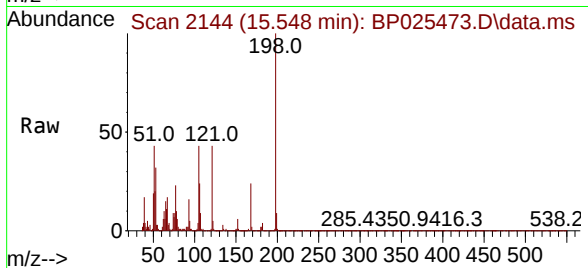




#65
4,6-Dinitro-2-methylphenol
Concen: 52.303 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

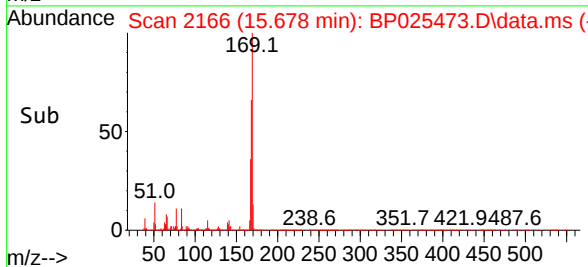
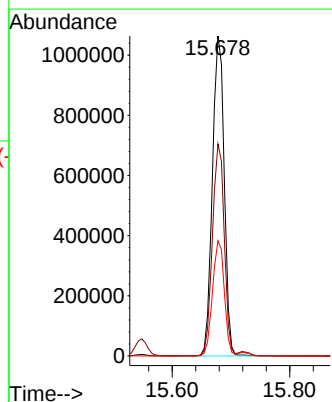
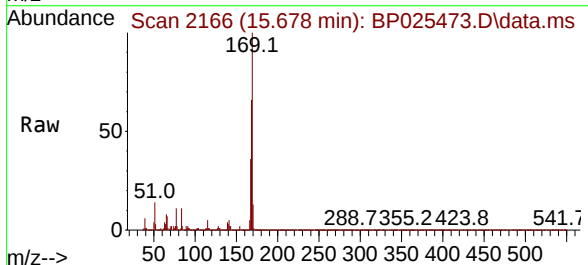
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

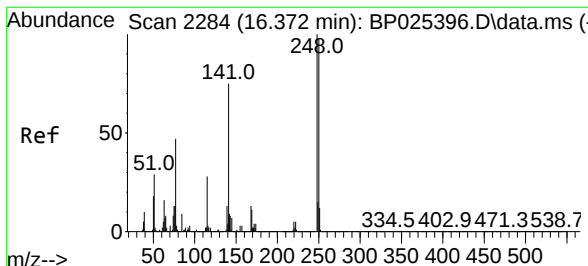
Tgt Ion:198 Resp: 340236
Ion Ratio Lower Upper
198 100
51 42.9 19.6 59.6
105 43.1 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 46.603 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:169 Resp: 1483025
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.0 28.7 43.1

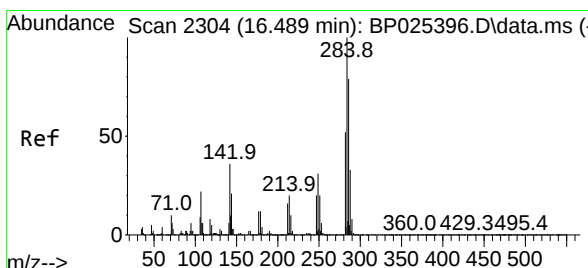
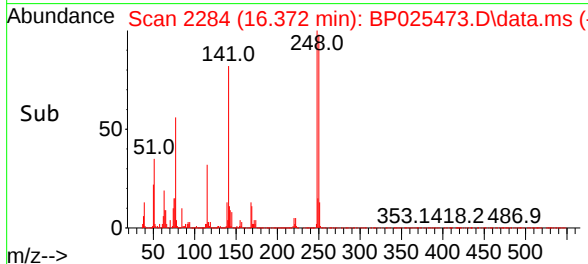
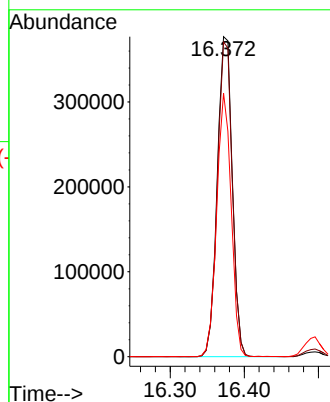
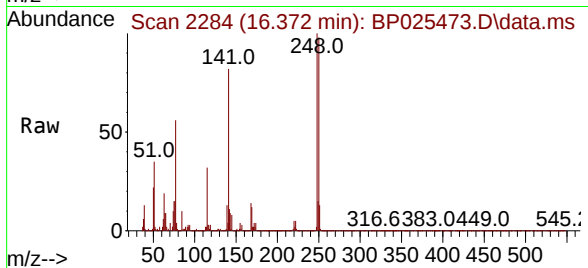




#67
4-Bromophenyl-phenylether
Concen: 46.291 ng
RT: 16.372 min Scan# 210
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

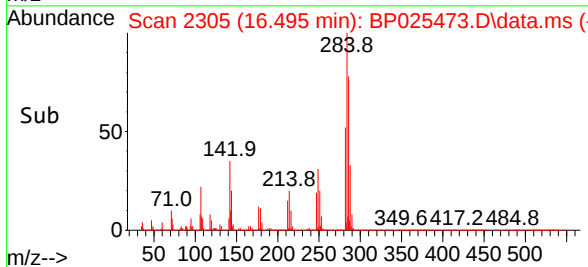
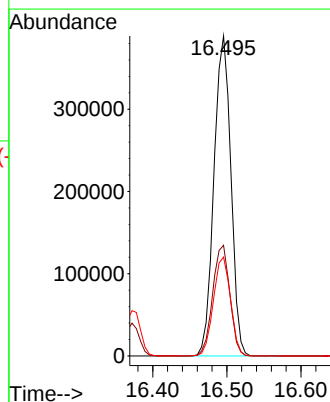
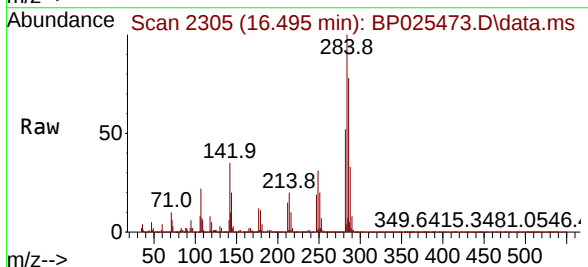
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

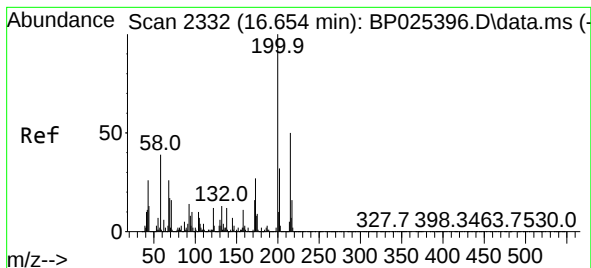
Tgt Ion:248 Resp: 531300
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.2
141 82.4 59.6 89.4



#68
Hexachlorobenzene
Concen: 46.335 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:284 Resp: 616466
Ion Ratio Lower Upper
284 100
142 34.6 29.1 43.7
249 30.9 25.0 37.4





#69

Atrazine

Concen: 49.512 ng

RT: 16.660 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

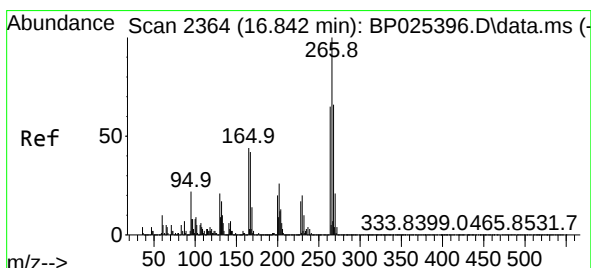
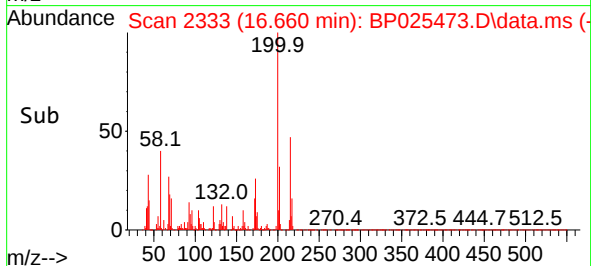
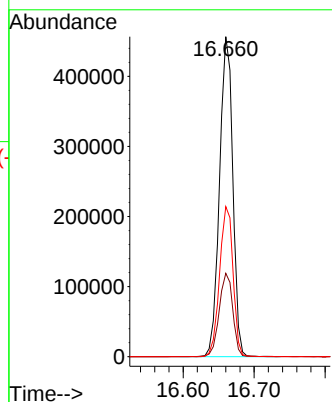
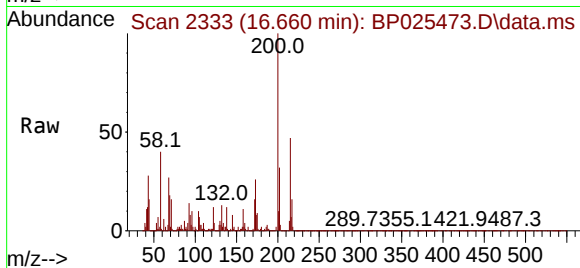
Tgt Ion:200 Resp: 590070

Ion Ratio Lower Upper

200 100

173 26.1 6.7 46.7

215 46.9 29.7 69.7



#70

Pentachlorophenol

Concen: 100.486 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

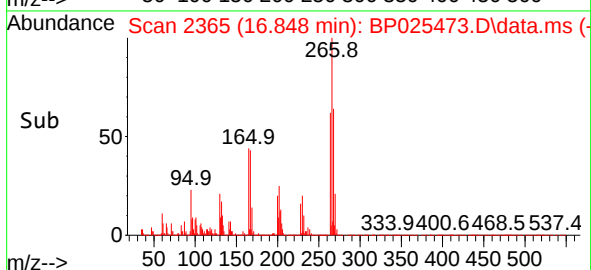
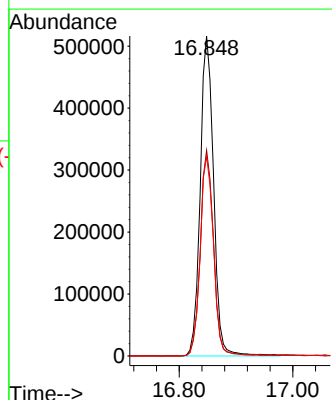
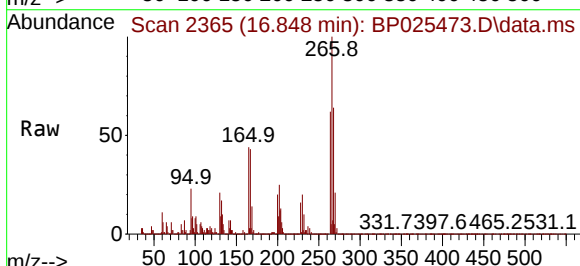
Tgt Ion:266 Resp: 843937

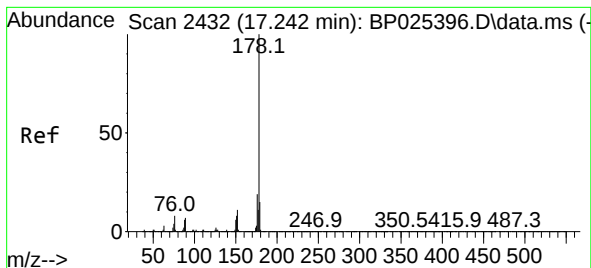
Ion Ratio Lower Upper

266 100

268 64.3 52.6 79.0

264 62.4 52.0 78.0





#71

Phenanthrene

Concen: 46.873 ng

RT: 17.254 min Scan# 2434

Delta R.T. 0.012 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

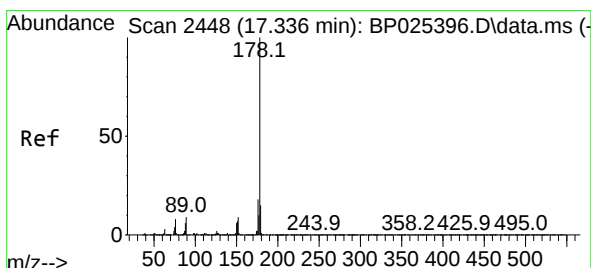
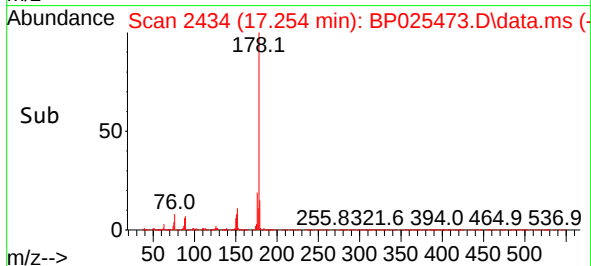
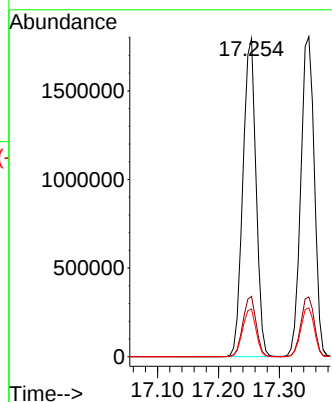
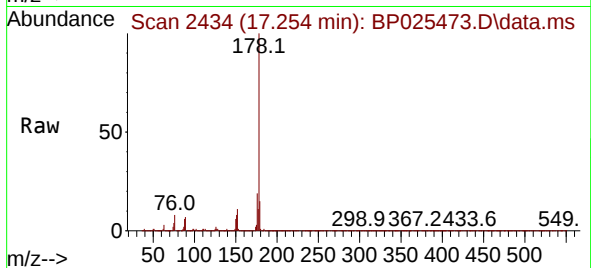
Tgt Ion:178 Resp: 2687053

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 15.0 12.2 18.4



#72

Anthracene

Concen: 47.501 ng

RT: 17.348 min Scan# 2450

Delta R.T. 0.012 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

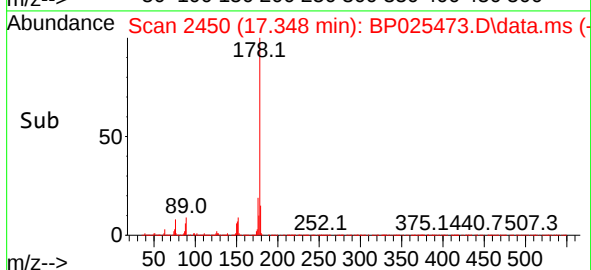
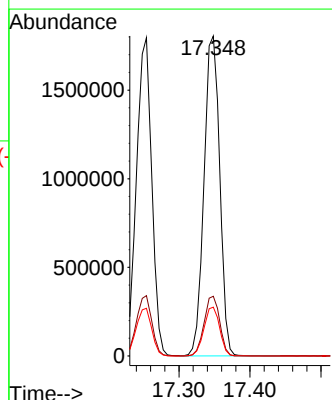
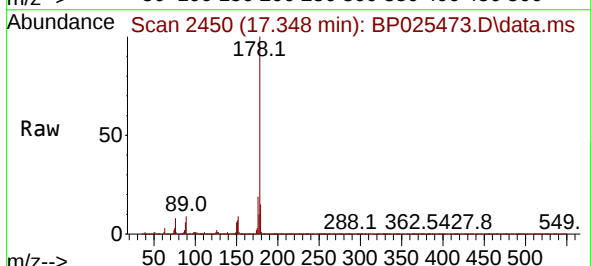
Tgt Ion:178 Resp: 2780840

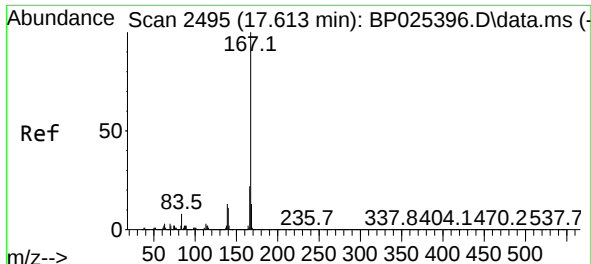
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.3 12.2 18.2

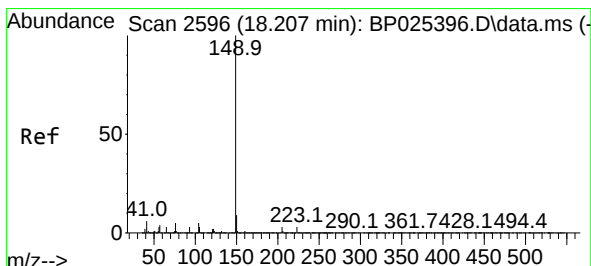
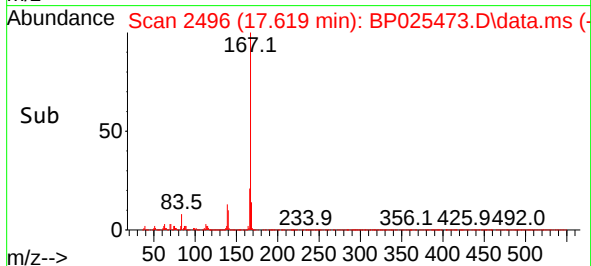
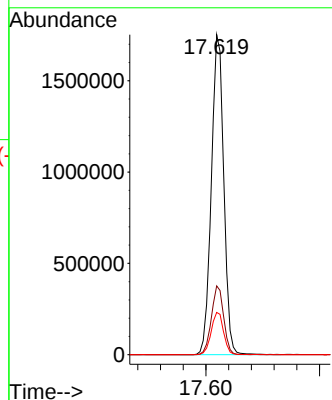
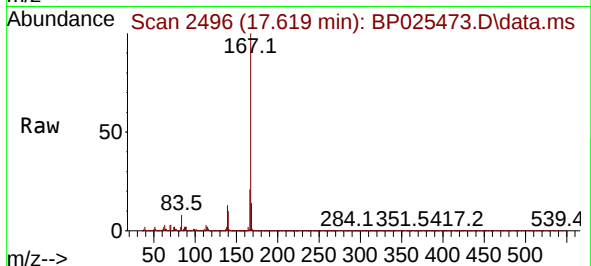




#73
 Carbazole
 Concen: 47.978 ng
 RT: 17.619 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BP025473.D
 Acq: 19 Aug 2025 12:47

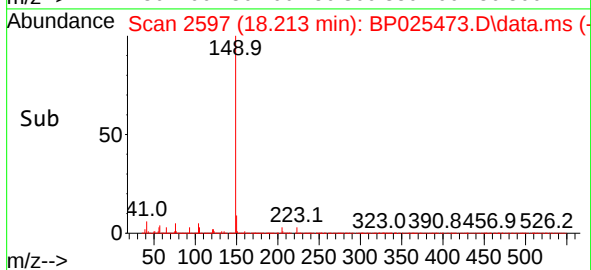
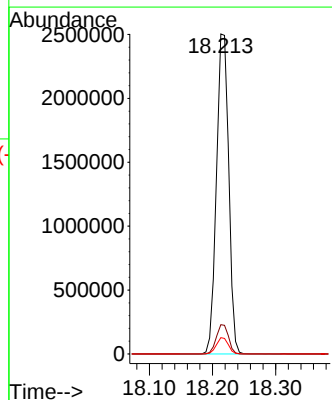
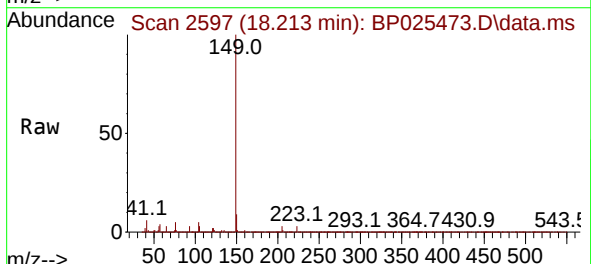
Instrument :
 BNA_P
 ClientSampleId :
 PB169244BSD

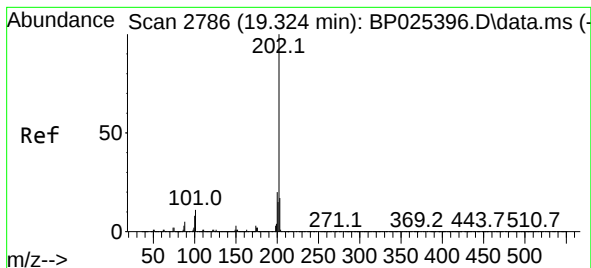
Tgt Ion:167 Resp: 2645585
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 49.751 ng
 RT: 18.213 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BP025473.D
 Acq: 19 Aug 2025 12:47

Tgt Ion:149 Resp: 3375219
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 47.997 ng

RT: 19.336 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

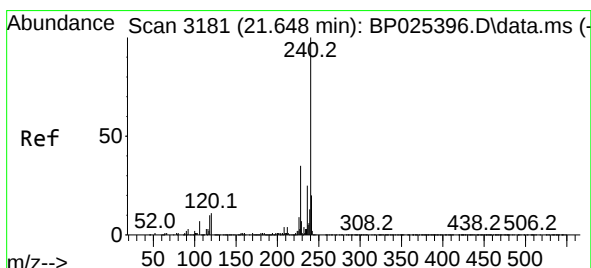
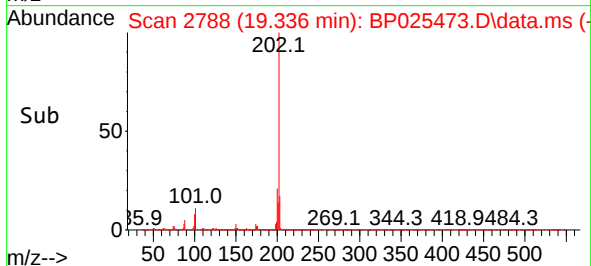
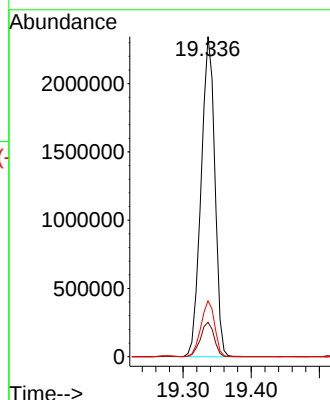
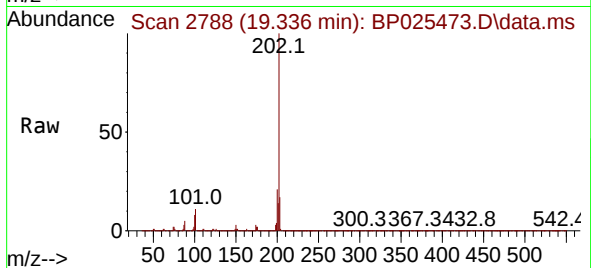
Tgt Ion:202 Resp: 3282061

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.1

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.654 min Scan# 3182

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

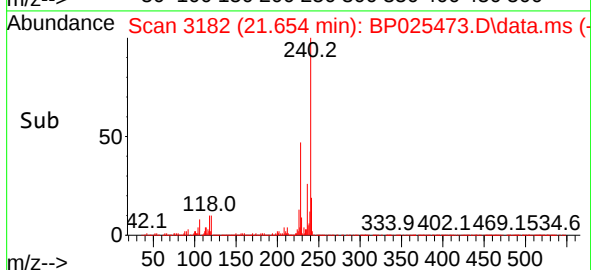
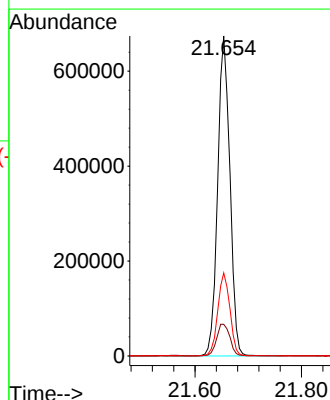
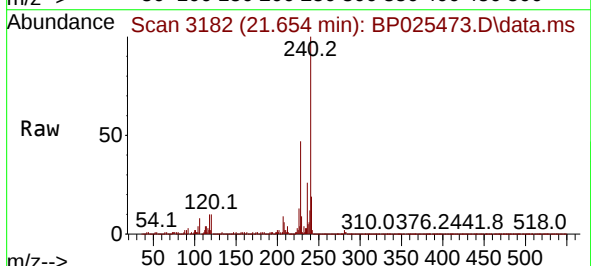
Tgt Ion:240 Resp: 1070063

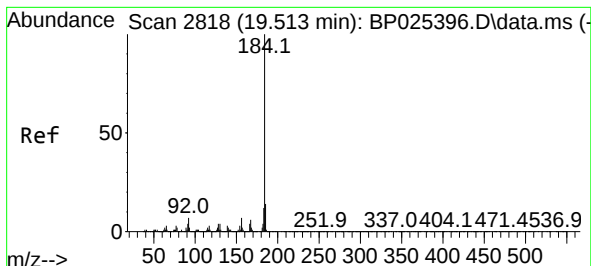
Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

236 26.0 19.8 29.8





#77

Benzidine

Concen: 43.560 ng

RT: 19.519 min Scan# 2819

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

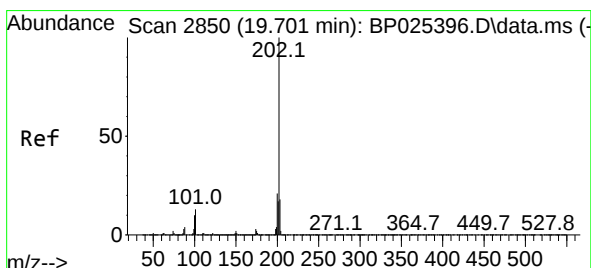
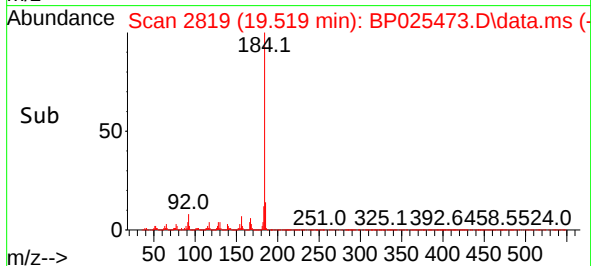
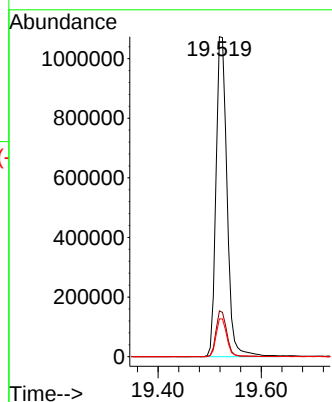
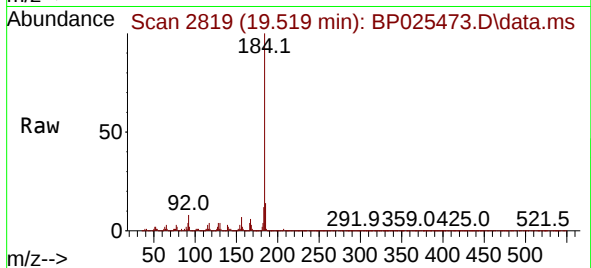
Tgt Ion:184 Resp: 1590772

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.8 9.4 14.2



#78

Pyrene

Concen: 47.664 ng

RT: 19.713 min Scan# 2852

Delta R.T. 0.012 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

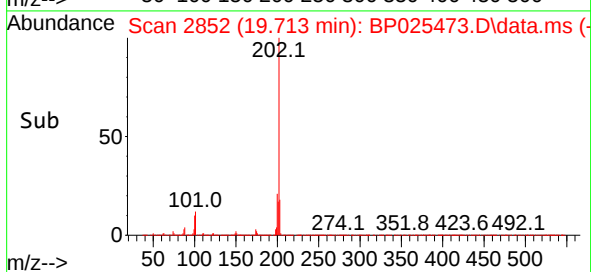
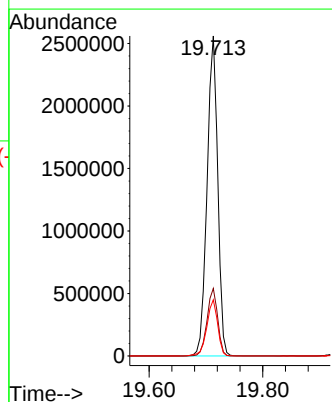
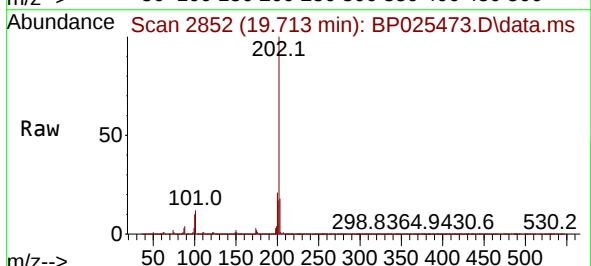
Tgt Ion:202 Resp: 3315062

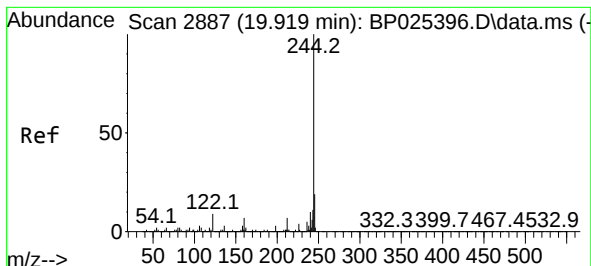
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 84.162 ng

RT: 19.925 min Scan# 2888

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

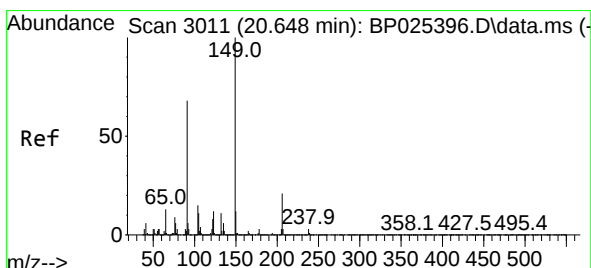
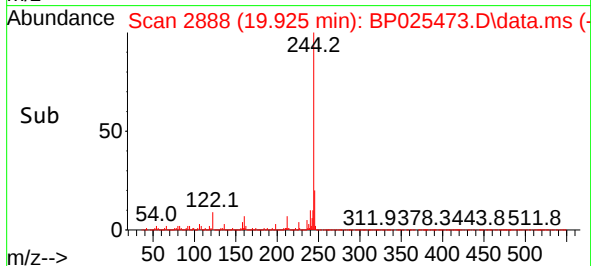
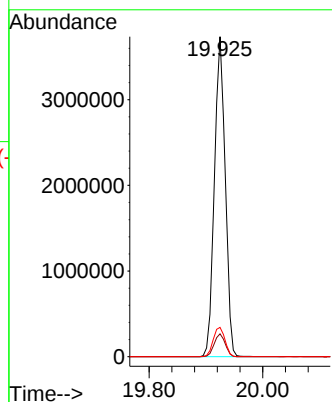
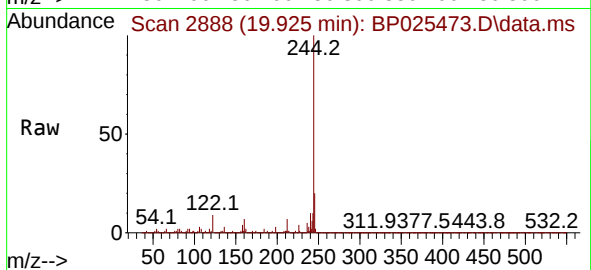
Tgt Ion:244 Resp: 4922368

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.1 7.4 11.2



#80

Butylbenzylphthalate

Concen: 51.331 ng

RT: 20.654 min Scan# 3012

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

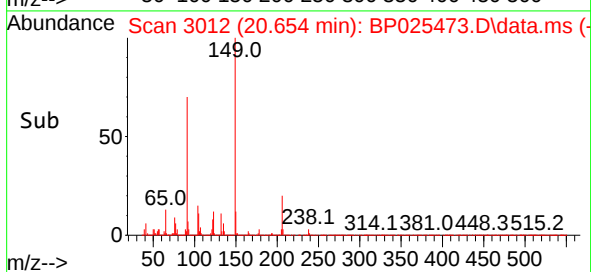
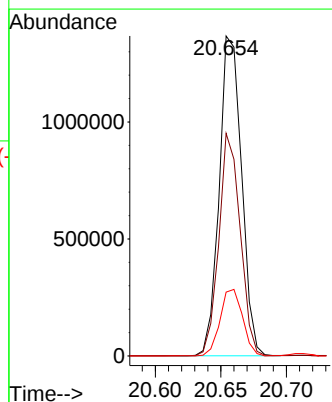
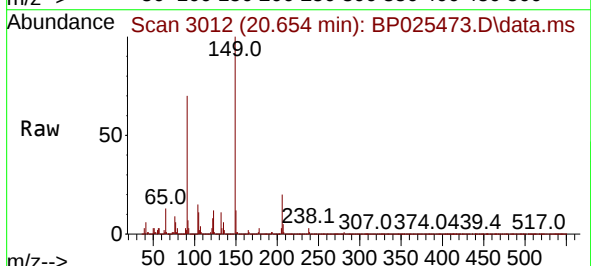
Tgt Ion:149 Resp: 1618023

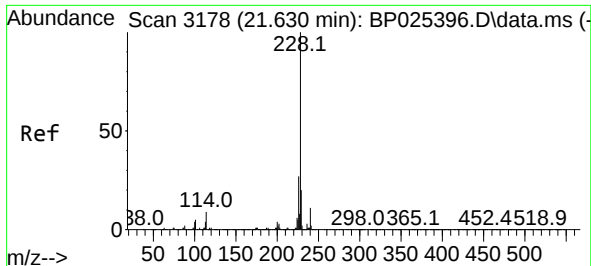
Ion Ratio Lower Upper

149 100

91 69.5 54.2 81.2

206 19.9 16.6 24.8

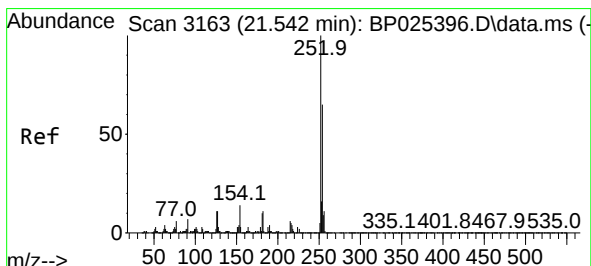
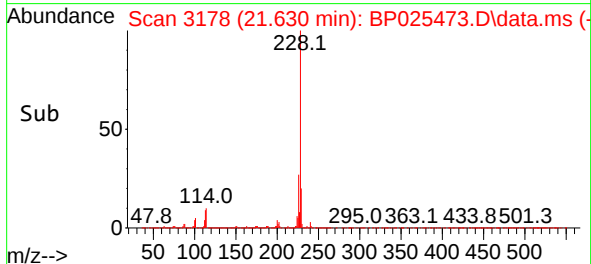
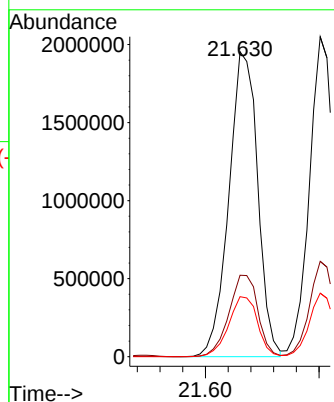
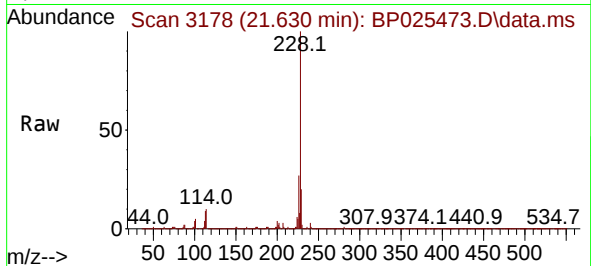




#81
Benzo(a)anthracene
Concen: 48.736 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

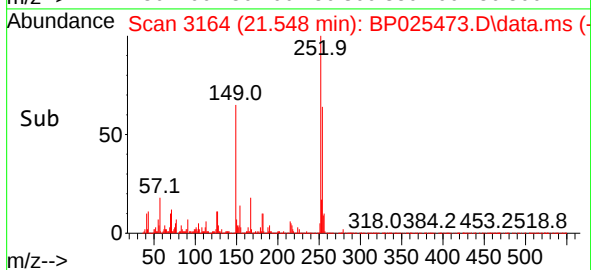
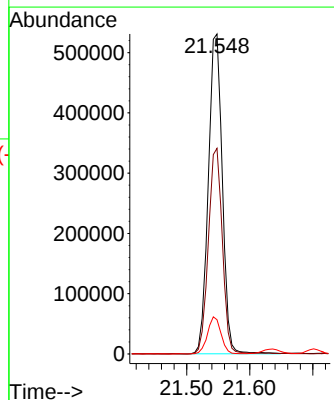
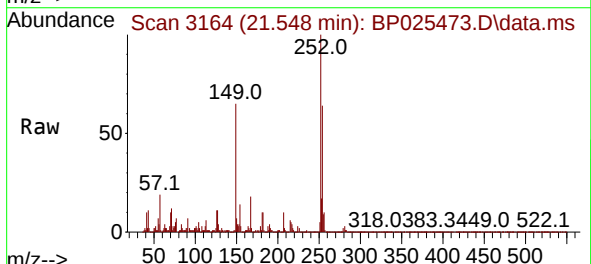
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

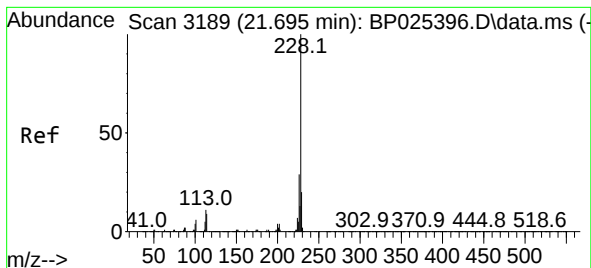
Tgt Ion:228 Resp: 3439380
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 30.701 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:252 Resp: 816647
Ion Ratio Lower Upper
252 100
254 64.3 51.8 77.6
126 10.7 9.1 13.7





#83

Chrysene

Concen: 47.324 ng

RT: 21.701 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

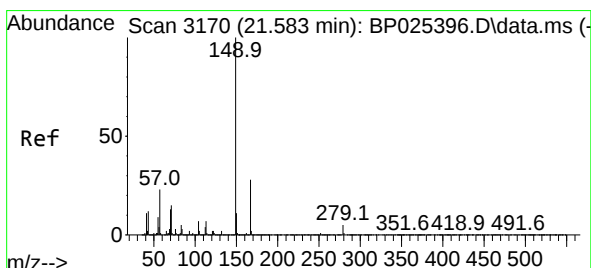
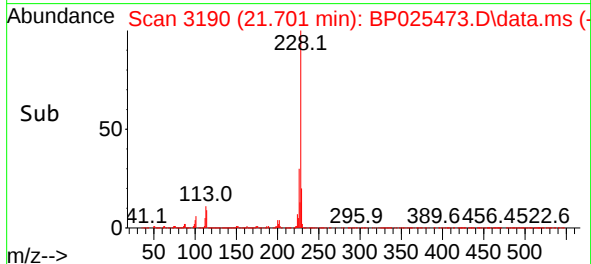
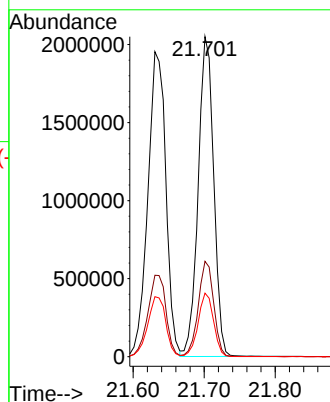
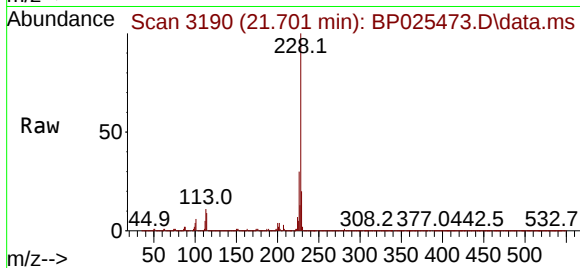
Tgt Ion:228 Resp: 3127598

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.084 ng

RT: 21.566 min Scan# 3167

Delta R.T. -0.017 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

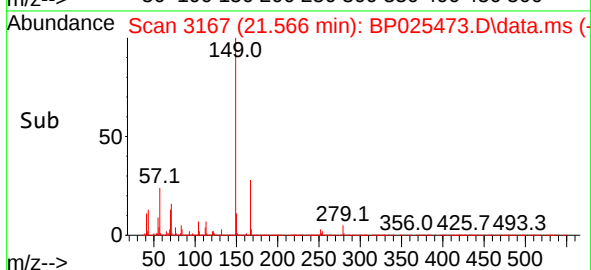
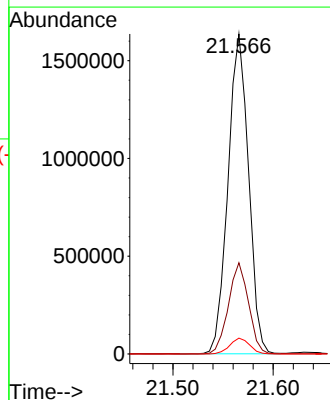
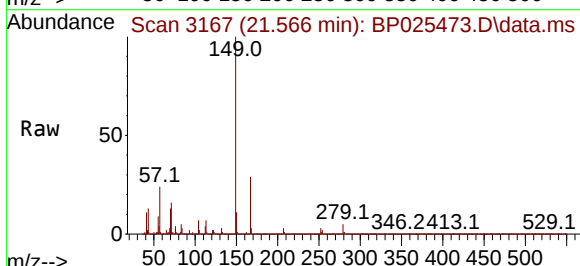
Tgt Ion:149 Resp: 2323944

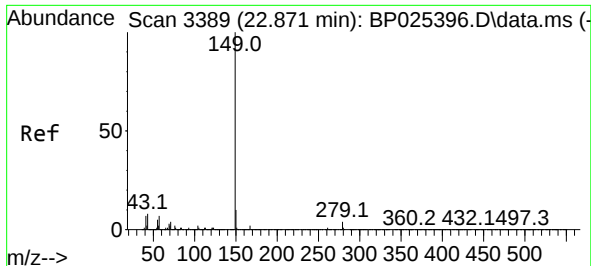
Ion Ratio Lower Upper

149 100

167 28.5 22.1 33.1

279 5.0 3.8 5.6

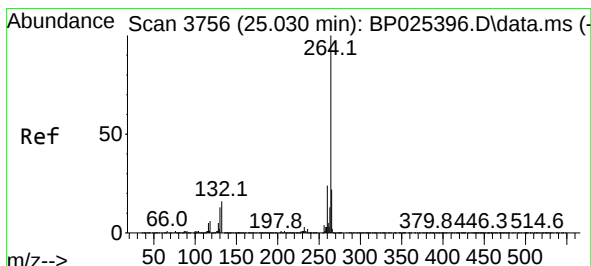
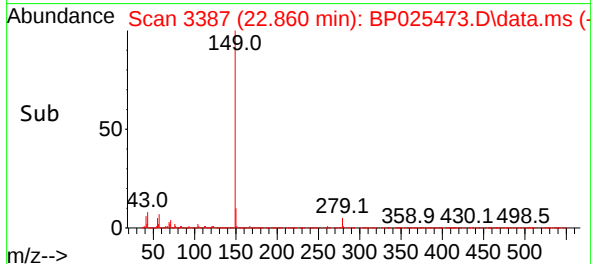
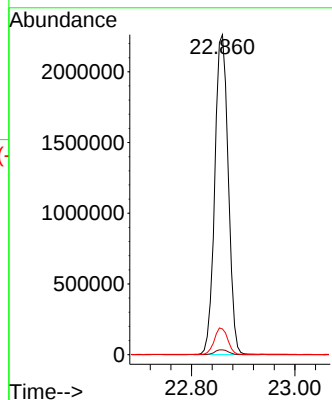
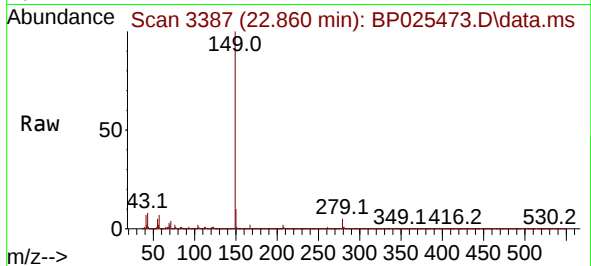




#85
Di-n-octyl phthalate
Concen: 51.076 ng
RT: 22.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

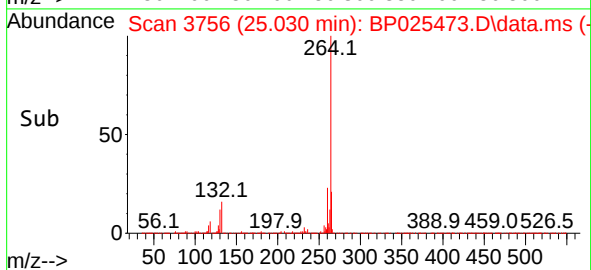
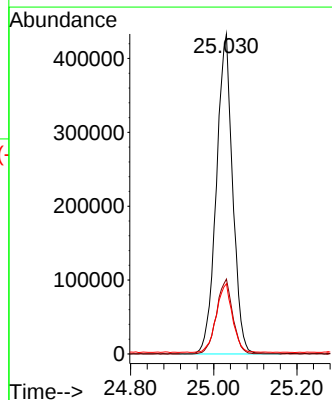
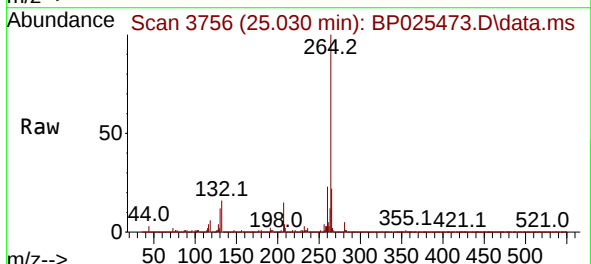
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

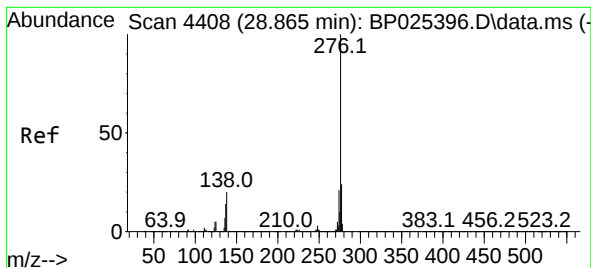
Tgt Ion:149 Resp: 4076449
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.2 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:264 Resp: 1176738
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.273 ng

RT: 28.859 min Scan# 4408

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

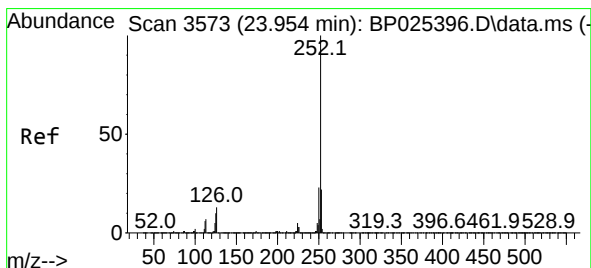
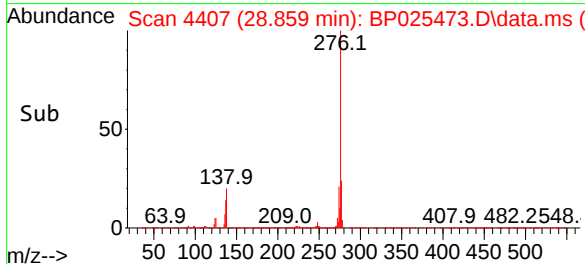
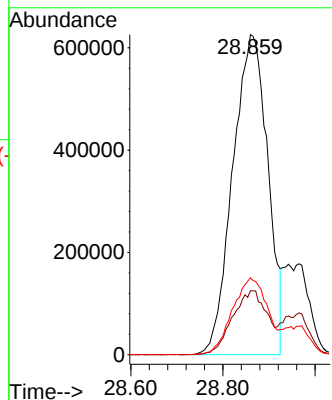
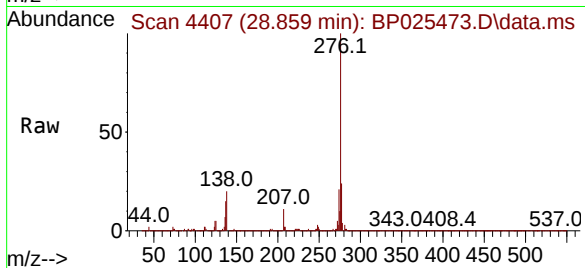
Tgt Ion:276 Resp: 3302888

Ion Ratio Lower Upper

276 100

138 19.5 12.9 19.3#

277 24.3 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 48.343 ng

RT: 23.954 min Scan# 3573

Delta R.T. 0.000 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

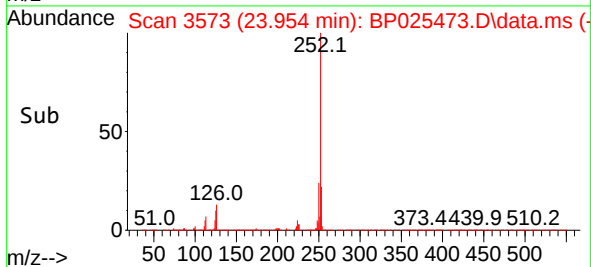
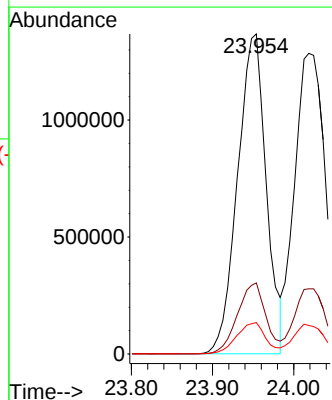
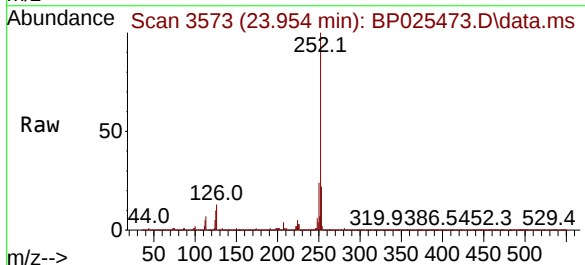
Tgt Ion:252 Resp: 3354449

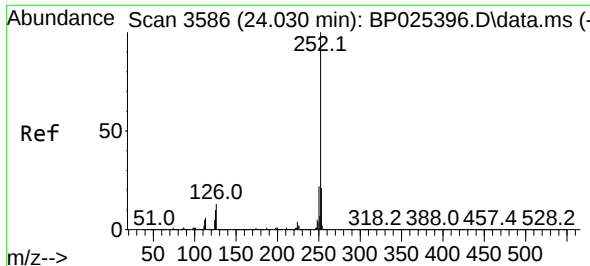
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.8 7.9 11.9

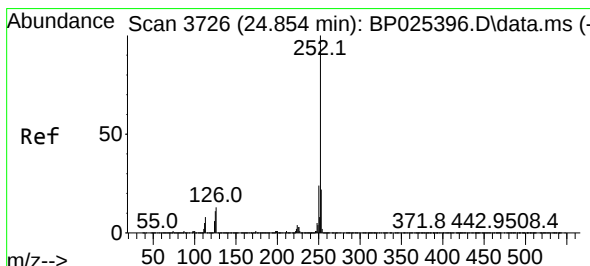
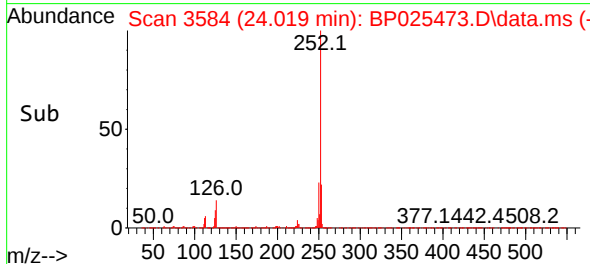
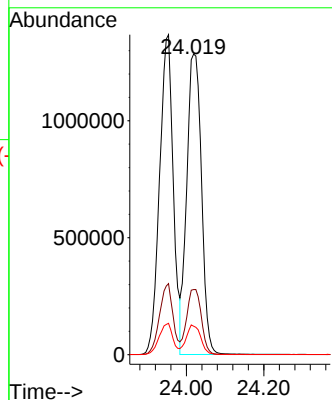
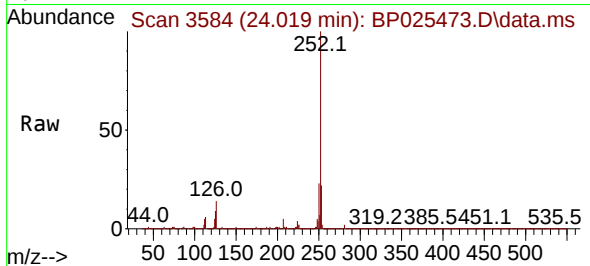




#89
Benzo(k)fluoranthene
Concen: 48.827 ng
RT: 24.019 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

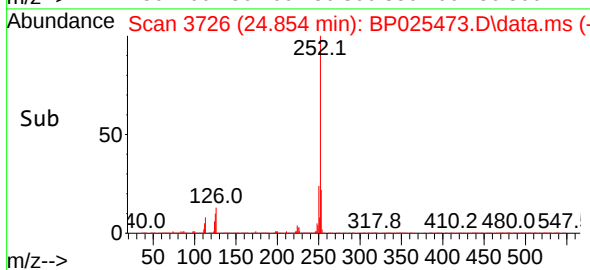
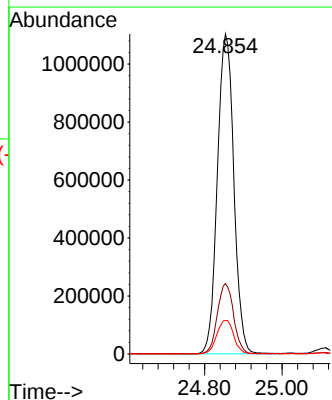
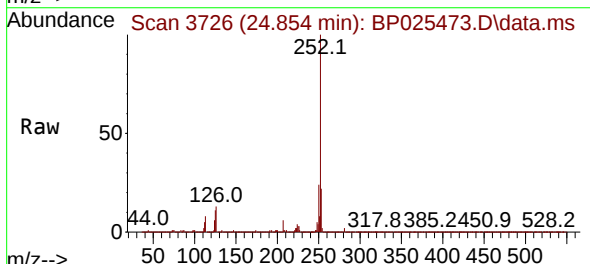
Instrument :
BNA_P
ClientSampleId :
PB169244BSD

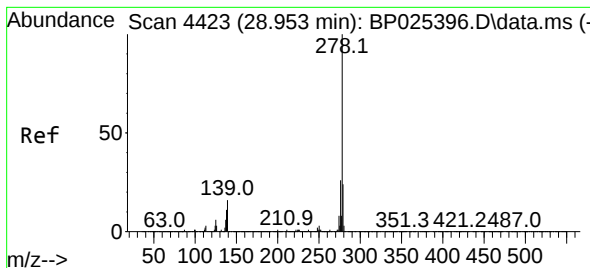
Tgt Ion:252 Resp: 3390357
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.5 7.8 11.6



#90
Benzo(a)pyrene
Concen: 48.136 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:252 Resp: 3251341
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.5 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 46.760 ng

RT: 28.971 min Scan# 4426

Delta R.T. 0.018 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

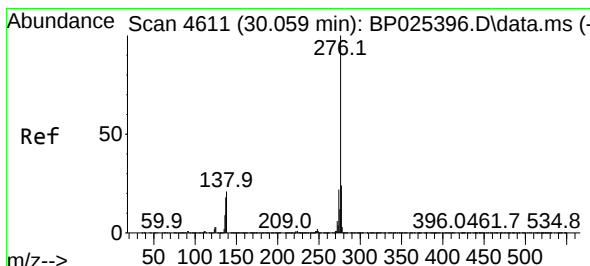
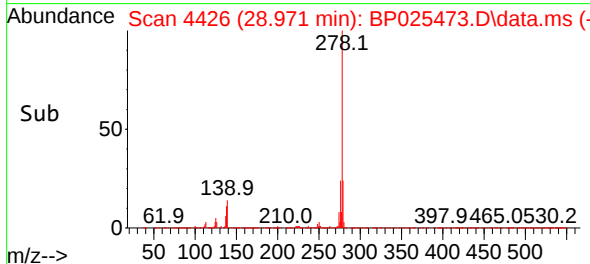
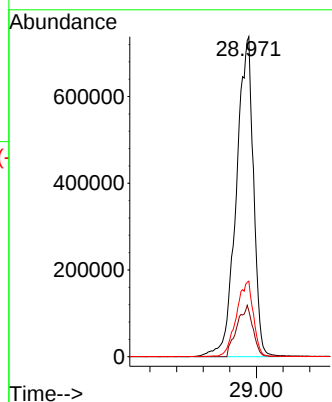
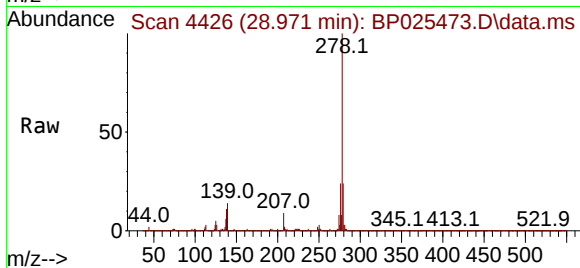
Tgt Ion:278 Resp: 3297613

Ion Ratio Lower Upper

278 100

139 14.3 13.0 19.4

279 23.6 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 46.595 ng

RT: 30.054 min Scan# 4610

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Tgt Ion:276 Resp: 3230088

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.0

138 22.0 16.7 25.1

