

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
 Data File : BP024561.D
 Acq On : 07 May 2025 12:56
 Operator : RC/JU
 Sample : Q1928-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

Quant Time: May 07 13:19:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	148768	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	581624	20.000	ng	-0.02
39) Acenaphthene-d10	14.340	164	368354	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	744026	20.000	ng	0.00
76) Chrysene-d12	21.592	240	874999	20.000	ng	0.00
86) Perylene-d12	24.916	264	1004964	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	642006	71.355	ng	-0.02
7) Phenol-d6	6.899	99	824821	66.950	ng	-0.01
23) Nitrobenzene-d5	8.852	82	512925	50.286	ng	-0.02
42) 2,4,6-Tribromophenol	15.863	330	447361	87.780	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1076691	44.754	ng	-0.01
79) Terphenyl-d14	19.863	244	2101735	48.415	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	155606	40.887	ng	95
3) Pyridine	3.664	79	387543	38.564	ng	91
4) n-Nitrosodimethylamine	3.575	42	171746	51.496	ng	# 75
6) Aniline	7.046	93	563726	51.206	ng	98
8) 2-Chlorophenol	7.281	128	465894	46.378	ng	98
9) Benzaldehyde	6.858	77	178834	29.345	ng	96
10) Phenol	6.922	94	553339	44.773	ng	92
11) bis(2-Chloroethyl)ether	7.134	93	415052	41.682	ng	99
12) 1,3-Dichlorobenzene	7.593	146	489857	45.295	ng	99
13) 1,4-Dichlorobenzene	7.734	146	498460	45.427	ng	99
14) 1,2-Dichlorobenzene	8.052	146	472971	44.639	ng	99
15) Benzyl Alcohol	7.946	79	388425	48.752	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	453335	42.119	ng	99
17) 2-Methylphenol	8.152	107	373881	46.765	ng	98
18) Hexachloroethane	8.769	117	186319	46.985	ng	96
19) n-Nitroso-di-n-propyla...	8.505	70	304571	39.960	ng	94
20) 3+4-Methylphenols	8.481	107	511903	46.145	ng	98
22) Acetophenone	8.516	105	647991	45.013	ng	# 96
24) Nitrobenzene	8.893	77	455030	45.095	ng	98
25) Isophorone	9.416	82	865991	46.904	ng	98
26) 2-Nitrophenol	9.593	139	247825	50.187	ng	94
27) 2,4-Dimethylphenol	9.663	122	418404	67.481	ng	99
28) bis(2-Chloroethoxy)met...	9.887	93	526146	42.185	ng	99
29) 2,4-Dichlorophenol	10.140	162	419342	49.602	ng	99
30) 1,2,4-Trichlorobenzene	10.340	180	432457	47.743	ng	99
31) Naphthalene	10.522	128	1342005	43.802	ng	99
32) Benzoic acid	9.828	122	310617	42.993	ng	99
33) 4-Chloroaniline	10.646	127	520737	48.264	ng	98
34) Hexachlorobutadiene	10.805	225	272401	51.177	ng	99
35) Caprolactam	11.440	113	153282	49.138	ng	97
36) 4-Chloro-3-methylphenol	11.781	107	488390	49.597	ng	98
37) 2-Methylnaphthalene	12.134	142	858525	40.405	ng	98
38) 1-Methylnaphthalene	12.357	142	903066	43.445	ng	100
40) 1,2,4,5-Tetrachloroben...	12.510	216	476790	47.068	ng	98
41) Hexachlorocyclopentadiene	12.487	237	656895	183.355	ng	98
43) 2,4,6-Trichlorophenol	12.751	196	342860	50.908	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
 Data File : BP024561.D
 Acq On : 07 May 2025 12:56
 Operator : RC/JU
 Sample : Q1928-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

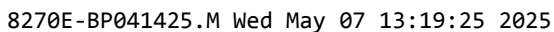
Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

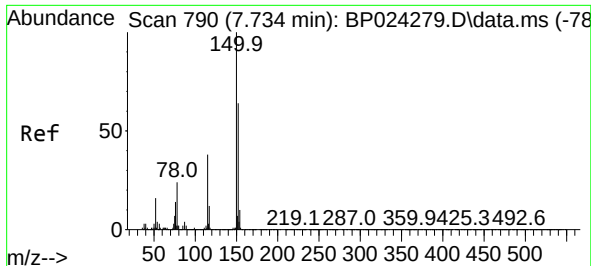
Quant Time: May 07 13:19:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	378881	50.802	ng	99
46) 1,1'-Biphenyl	13.151	154	1222360	45.146	ng	99
47) 2-Chloronaphthalene	13.198	162	932131	46.063	ng	98
48) 2-Nitroaniline	13.416	65	302822	53.348	ng	96
49) Acenaphthylene	14.057	152	1563371	49.069	ng	99
50) Dimethylphthalate	13.787	163	1262753	47.140	ng	100
51) 2,6-Dinitrotoluene	13.916	165	283490	49.838	ng	95
52) Acenaphthene	14.398	154	890924	44.108	ng	99
53) 3-Nitroaniline	14.257	138	294792	49.309	ng	97
54) 2,4-Dinitrophenol	14.463	184	380562	113.579	ng	90
55) Dibenzofuran	14.745	168	1441071	43.648	ng	95
56) 4-Nitrophenol	14.593	139	534338	103.488	ng	89
57) 2,4-Dinitrotoluene	14.716	165	418173	53.892	ng	98
58) Fluorene	15.404	166	1173406	45.910	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.987	232	349501	50.810	ng	99
60) Diethylphthalate	15.175	149	1285868	46.581	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	582955	46.970	ng	97
62) 4-Nitroaniline	15.445	138	323084	51.049	ng	89
63) Azobenzene	15.704	77	1189672	46.889	ng	96
65) 4,6-Dinitro-2-methylph...	15.498	198	248533	52.983	ng	96
66) n-Nitrosodiphenylamine	15.622	169	1030824	46.418	ng	100
67) 4-Bromophenyl-phenylether	16.316	248	398843	49.014	ng	98
68) Hexachlorobenzene	16.439	284	495234	51.217	ng	99
69) Atrazine	16.610	200	384693	68.014	ng	99
70) Pentachlorophenol	16.792	266	677426	100.425	ng	100
71) Phenanthrene	17.192	178	1882748	46.386	ng	99
72) Anthracene	17.292	178	1916566	48.993	ng	100
73) Carbazole	17.575	167	1848797	48.369	ng	98
74) Di-n-butylphthalate	18.157	149	2377814	49.933	ng	100
75) Fluoranthene	19.286	202	2295232	47.546	ng	97
77) Benzidine	19.481	184	1252551	112.930	ng	99
78) Pyrene	19.657	202	2373916	42.691	ng	99
80) Butylbenzylphthalate	20.598	149	1149884	48.278	ng	99
81) Benzo(a)anthracene	21.575	228	2578474	47.410	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	915952	47.983	ng	98
83) Chrysene	21.639	228	2360029	45.294	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	1653841	47.366	ng #	99
85) Di-n-octyl phthalate	22.774	149	2848693	50.185	ng	99
87) Indeno(1,2,3-cd)pyrene	28.686	276	3429290	49.152	ng	92
88) Benzo(b)fluoranthene	23.869	252	2763803	45.881	ng #	97
89) Benzo(k)fluoranthene	23.939	252	2725565	46.842	ng	98
90) Benzo(a)pyrene	24.763	252	2596972	49.979	ng #	97
91) Dibenzo(a,h)anthracene	28.762	278	2798649	48.327	ng	96
92) Benzo(g,h,i)perylene	29.886	276	2716757	46.090	ng #	94

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

Quant Time: May 07 13:19:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

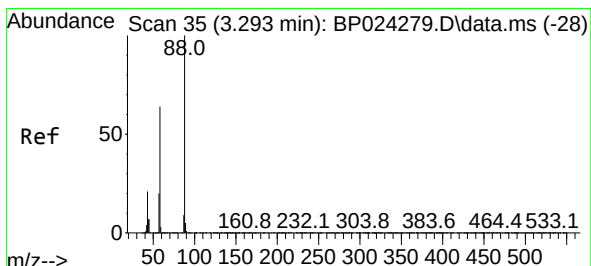
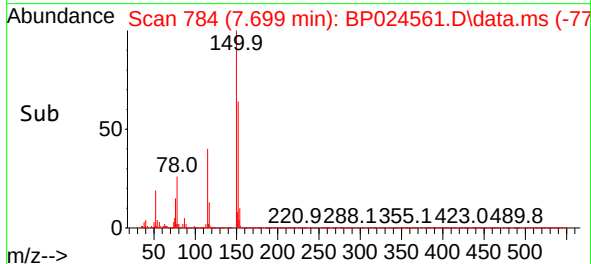
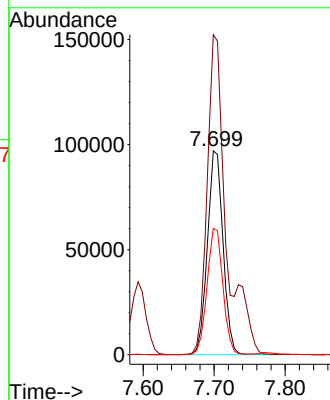
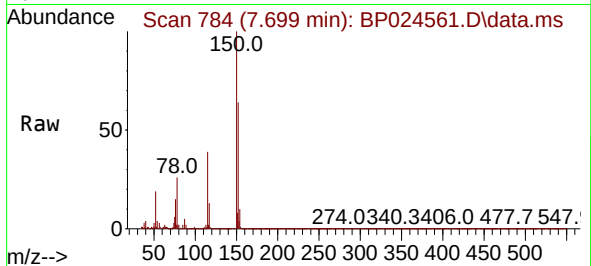




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.699 min Scan# 71
 Delta R.T. -0.023 min
 Lab File: BP024561.D
 Acq: 07 May 2025 12:56

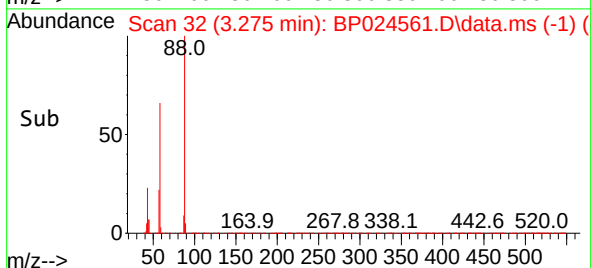
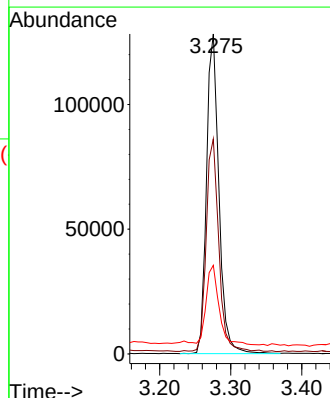
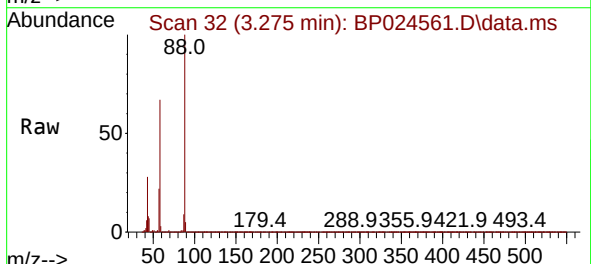
Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

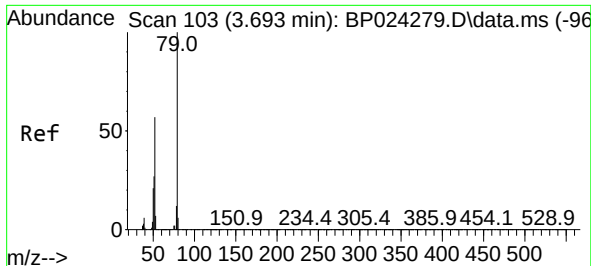
Tgt Ion:152 Resp: 148768
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.9 187.3
 115 61.9 47.7 71.5



#2
 1,4-Dioxane
 Concen: 40.887 ng
 RT: 3.275 min Scan# 32
 Delta R.T. -0.012 min
 Lab File: BP024561.D
 Acq: 07 May 2025 12:56

Tgt Ion: 88 Resp: 155606
 Ion Ratio Lower Upper
 88 100
 58 67.0 51.4 77.2
 43 25.6 17.1 25.7

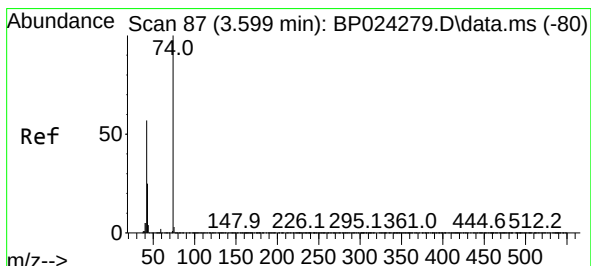
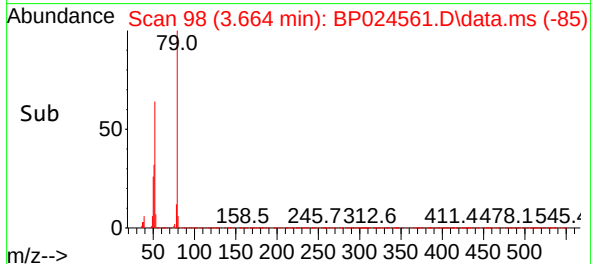
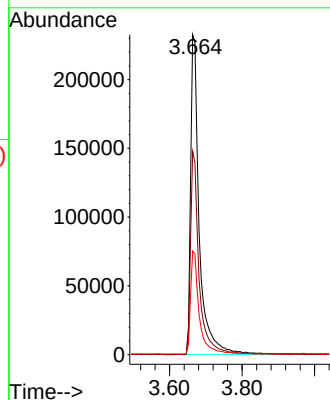
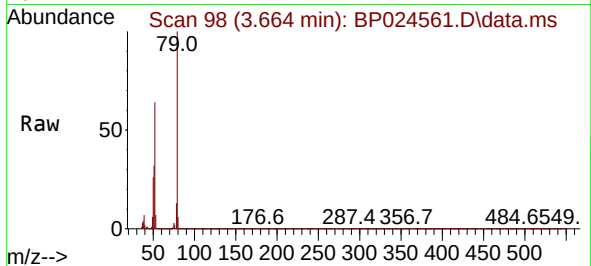




#3
Pyridine
Concen: 38.564 ng
RT: 3.664 min Scan# 91
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

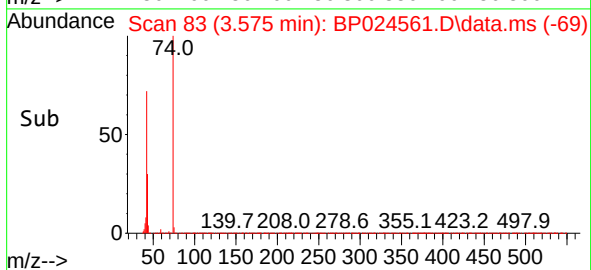
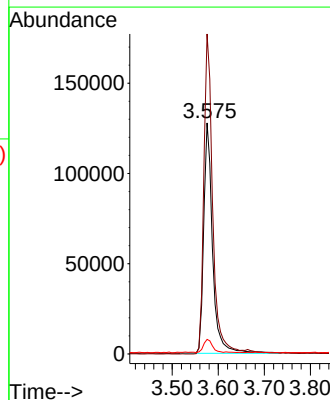
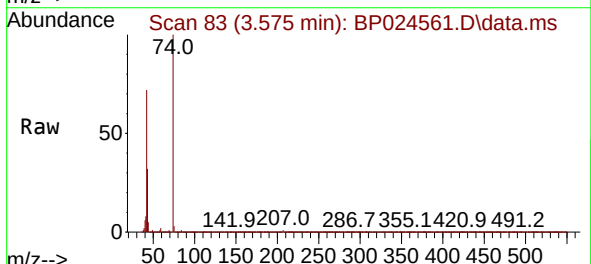
Instrument :
BNA_P
ClientSampleId :
MH-QMS

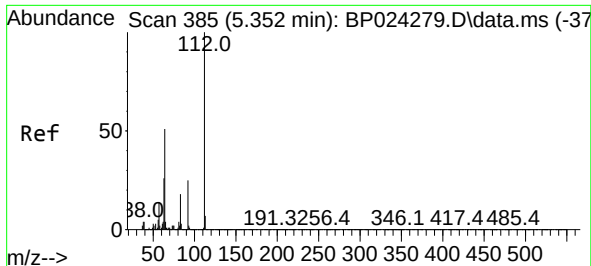
Tgt Ion: 79 Resp: 387543
Ion Ratio Lower Upper
79 100
52 63.5 45.4 68.2
51 32.4 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 51.496 ng
RT: 3.575 min Scan# 83
Delta R.T. -0.018 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion: 42 Resp: 171746
Ion Ratio Lower Upper
42 100
74 138.5 139.5 209.3#
44 6.3 5.8 8.8

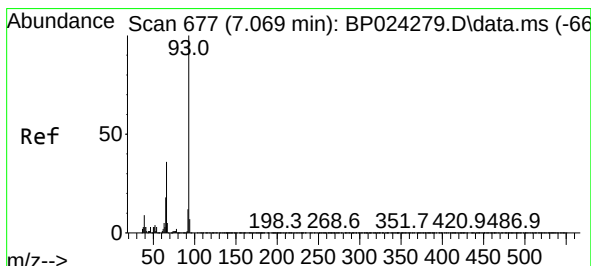
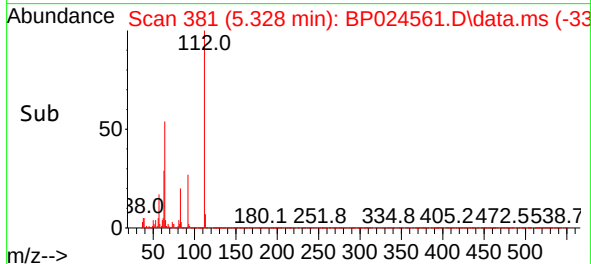
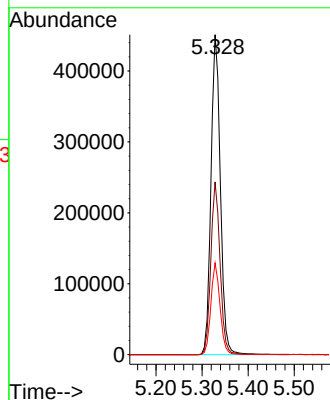
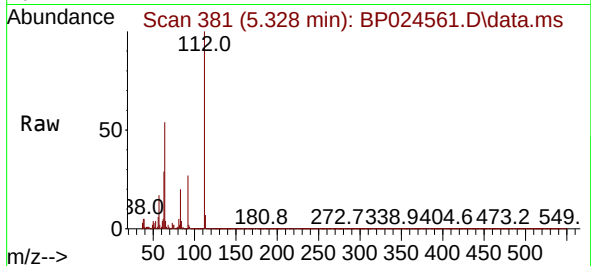




#5
2-Fluorophenol
Concen: 71.355 ng
RT: 5.328 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

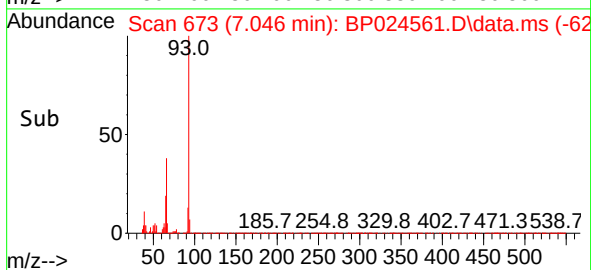
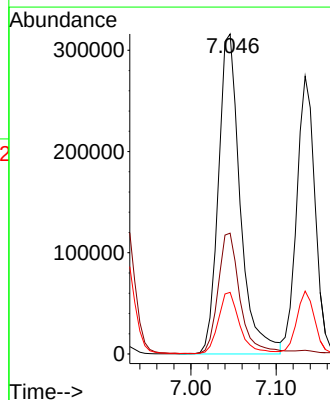
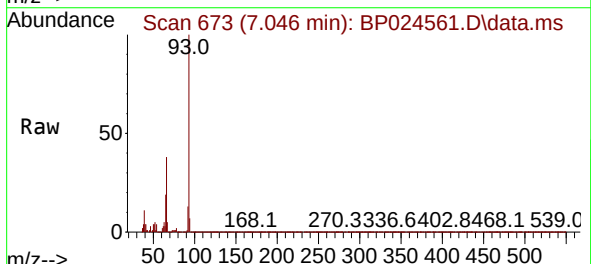
Instrument :
BNA_P
ClientSampleId :
MH-QMS

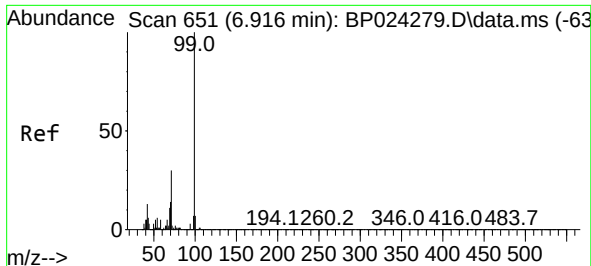
Tgt Ion:112 Resp: 642006
Ion Ratio Lower Upper
112 100
64 54.0 41.1 61.7
63 28.7 20.6 30.8



#6
Aniline
Concen: 51.206 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.017 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion: 93 Resp: 563726
Ion Ratio Lower Upper
93 100
66 37.8 29.1 43.7
65 19.2 14.7 22.1





#7

Phenol-d6

Concen: 66.950 ng

RT: 6.899 min Scan# 64

Delta R.T. -0.012 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

Instrument :

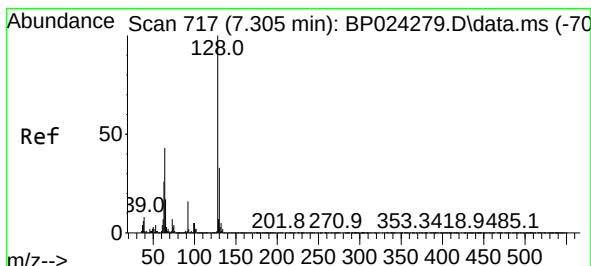
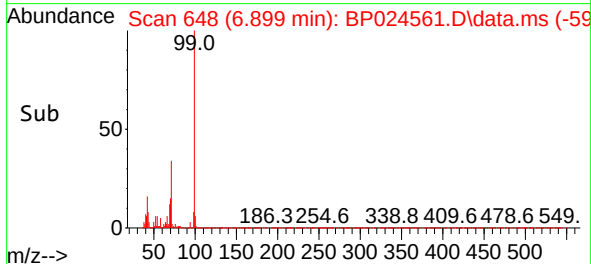
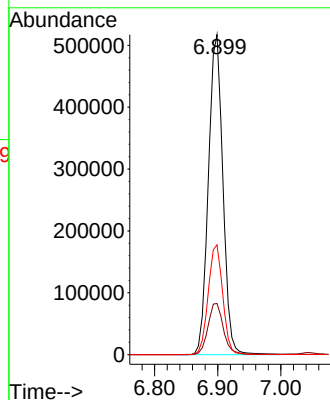
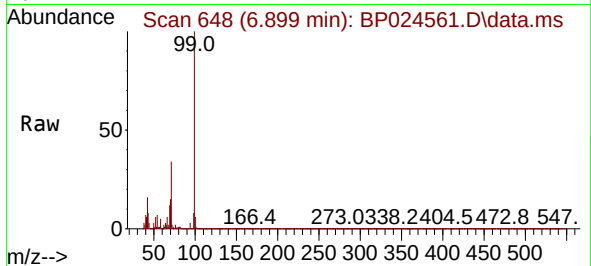
BNA_P

ClientSampleId :

MH-QMS

Tgt Ion: 99 Resp: 824821

Ion	Ratio	Lower	Upper
99	100		
42	16.0	10.6	16.0#
71	34.3	23.7	35.5



#8

2-Chlorophenol

Concen: 46.378 ng

RT: 7.281 min Scan# 713

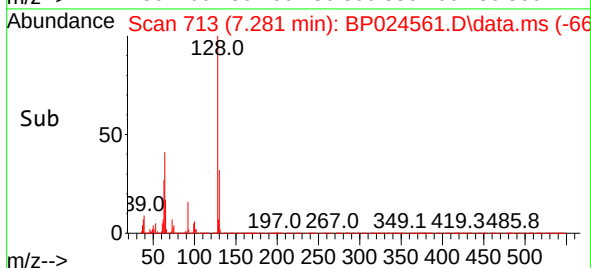
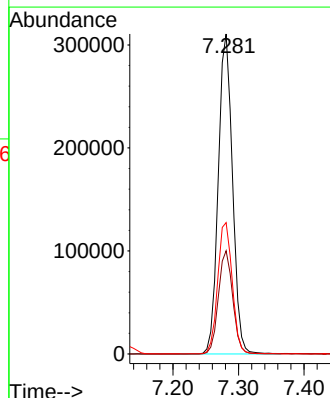
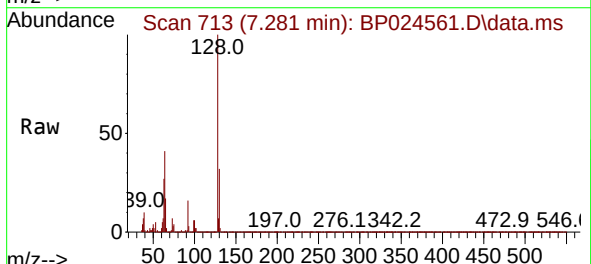
Delta R.T. -0.017 min

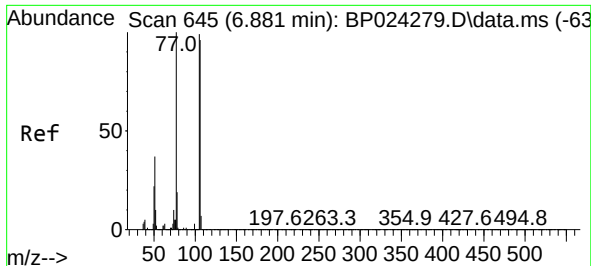
Lab File: BP024561.D

Acq: 07 May 2025 12:56

Tgt Ion:128 Resp: 465894

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	41.1	22.7	62.7

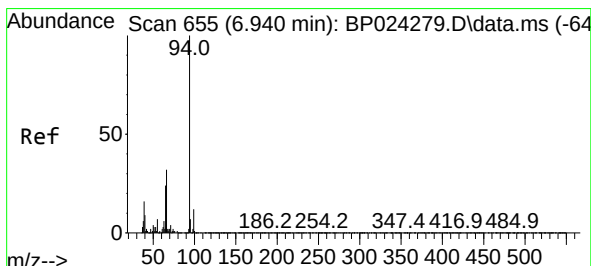
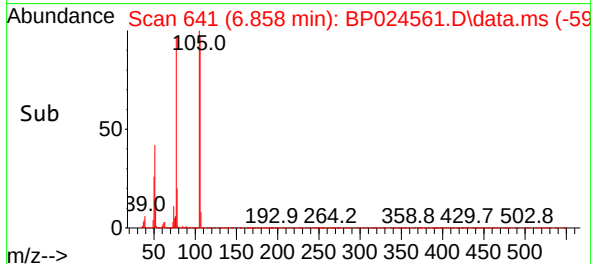
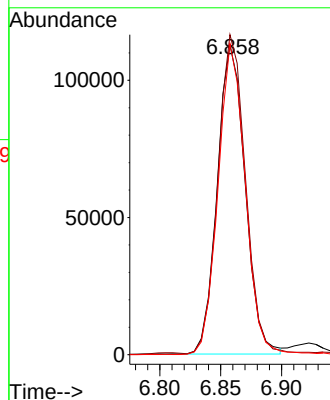
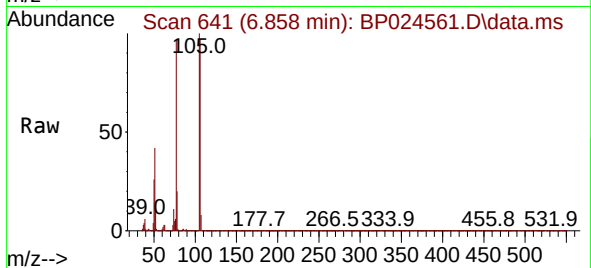




#9
Benzaldehyde
Concen: 29.345 ng
RT: 6.858 min Scan# 641
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

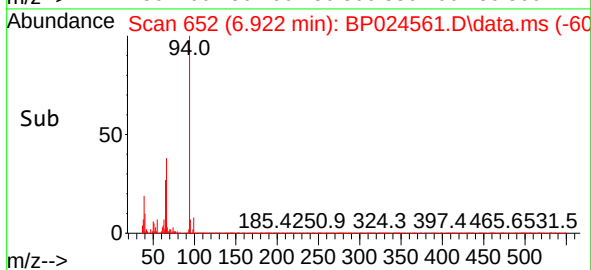
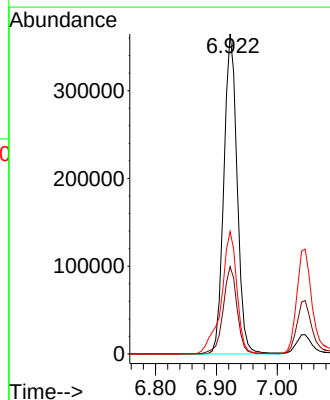
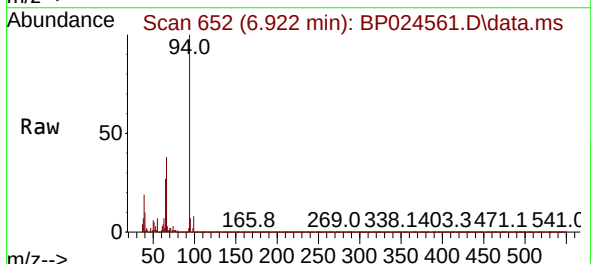
Instrument :
BNA_P
ClientSampleId :
MH-QMS

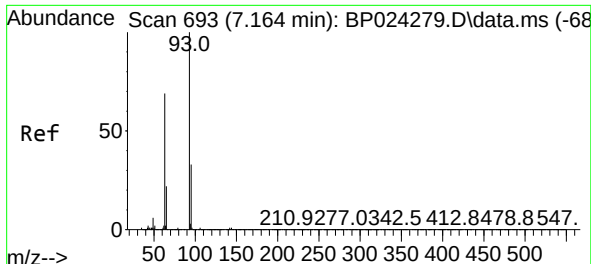
Tgt Ion: 77 Resp: 178834
Ion Ratio Lower Upper
77 100
105 103.4 79.2 119.2
106 100.5 76.2 116.2



#10
Phenol
Concen: 44.773 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.018 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion: 94 Resp: 553339
Ion Ratio Lower Upper
94 100
65 27.3 4.5 44.5
66 38.2 12.4 52.4

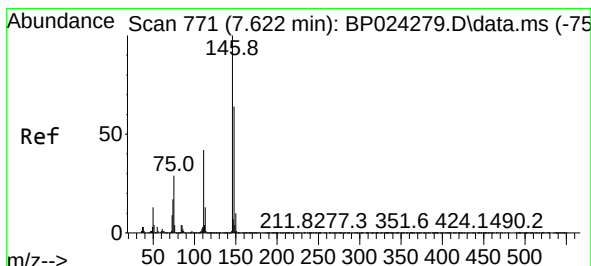
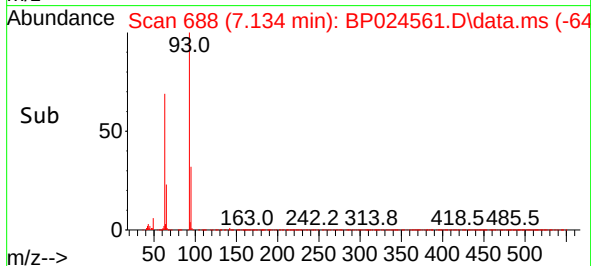
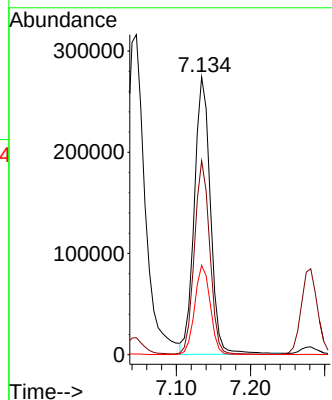
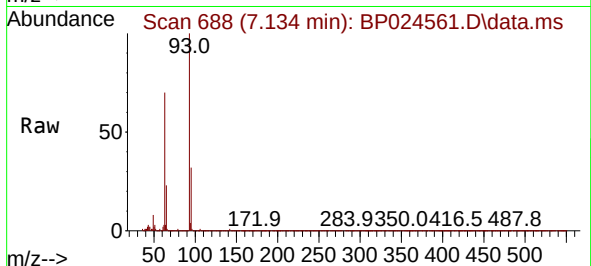




#11
bis(2-Chloroethyl)ether
Concen: 41.682 ng
RT: 7.134 min Scan# 611
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

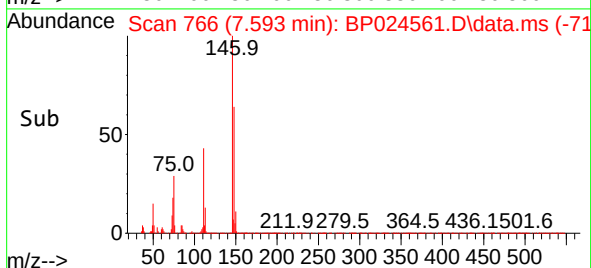
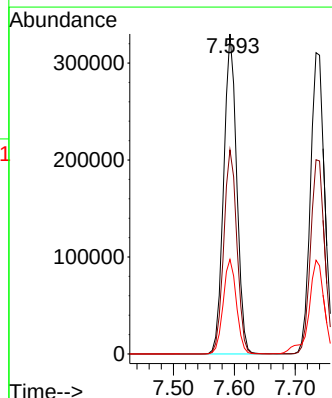
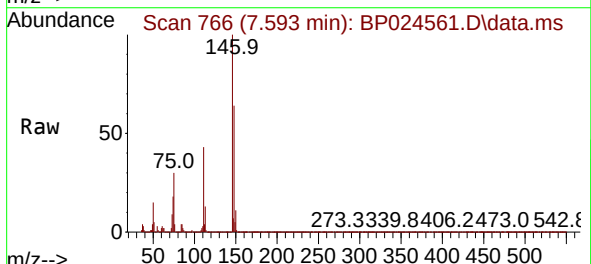
Instrument :
BNA_P
ClientSampleId :
MH-QMS

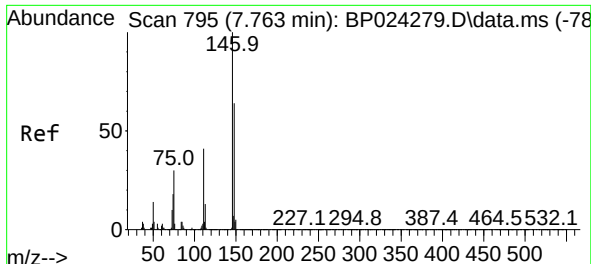
Tgt Ion: 93 Resp: 415052
Ion Ratio Lower Upper
93 100
63 69.8 48.6 88.6
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.295 ng
RT: 7.593 min Scan# 766
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion: 146 Resp: 489857
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 29.5 22.9 34.3

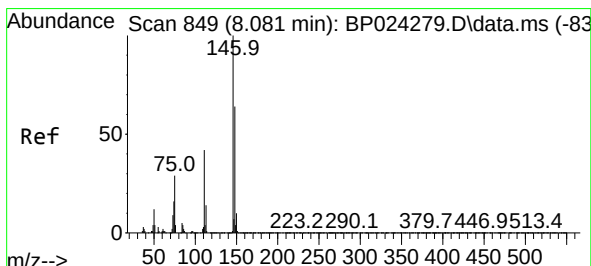
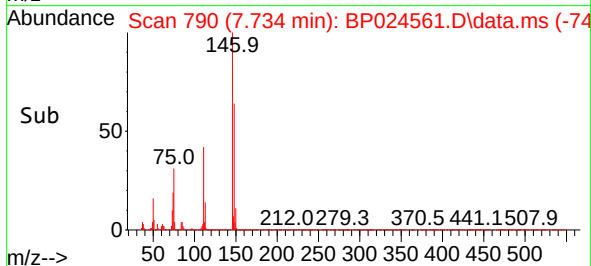
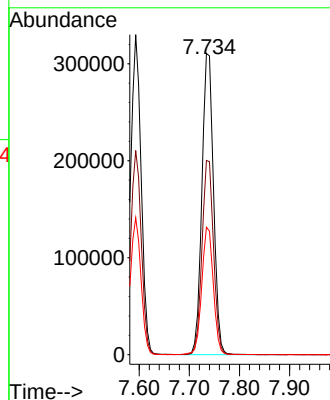
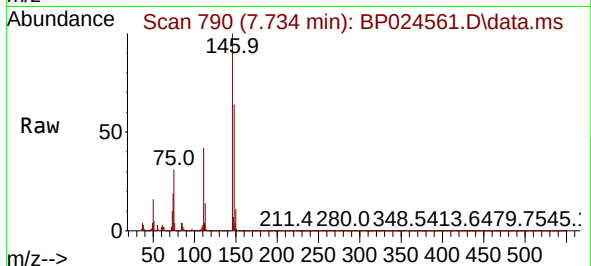




#13
1,4-Dichlorobenzene
Concen: 45.427 ng
RT: 7.734 min Scan# 795
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

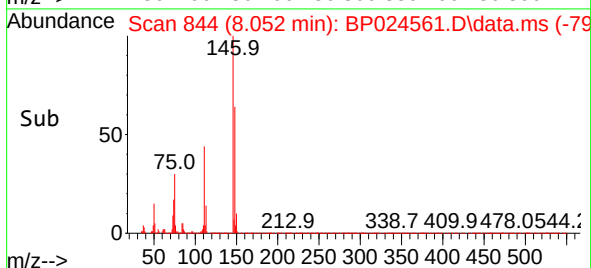
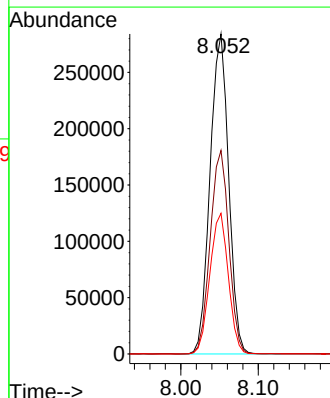
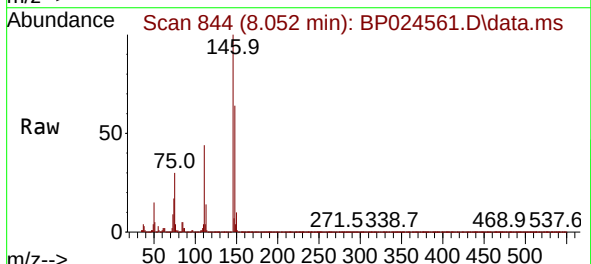
Instrument :
BNA_P
ClientSampleId :
MH-QMS

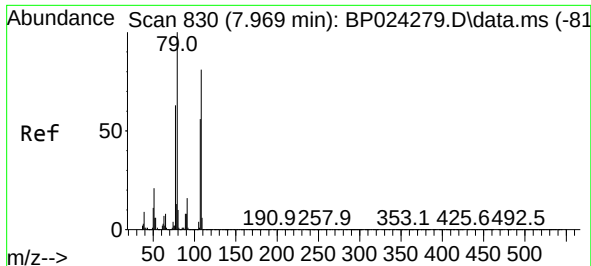
Tgt Ion:146 Resp: 498460
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 42.3 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 44.639 ng
RT: 8.052 min Scan# 844
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:146 Resp: 472971
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
111 44.0 33.8 50.8

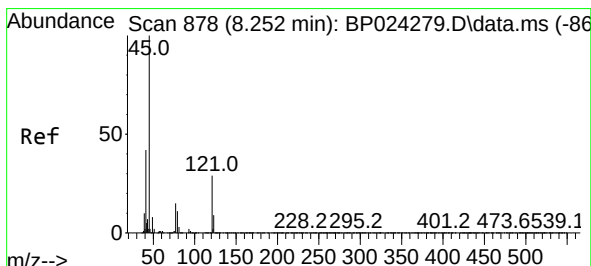
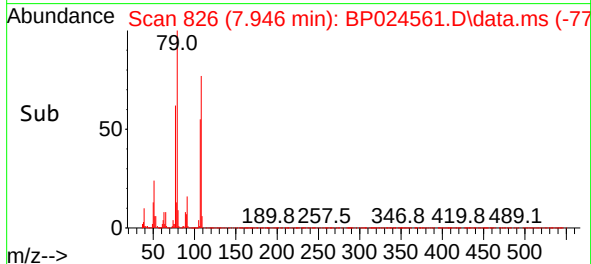
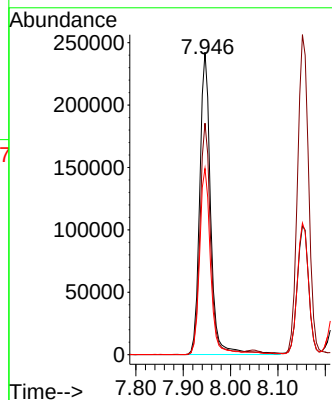
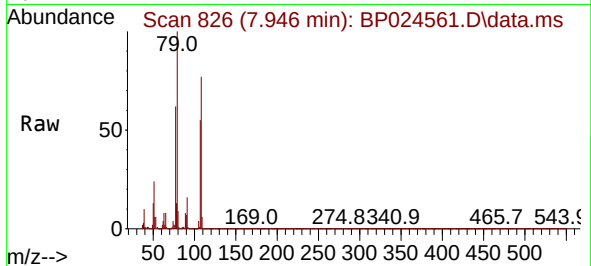




#15
Benzyl Alcohol
Concen: 48.752 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

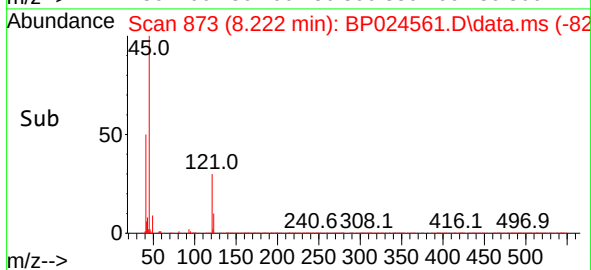
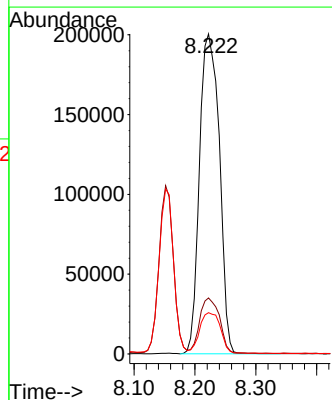
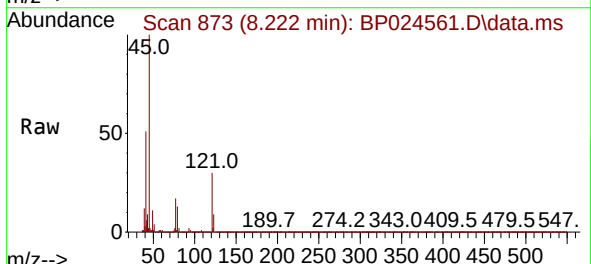
Instrument :
BNA_P
ClientSampleId :
MH-QMS

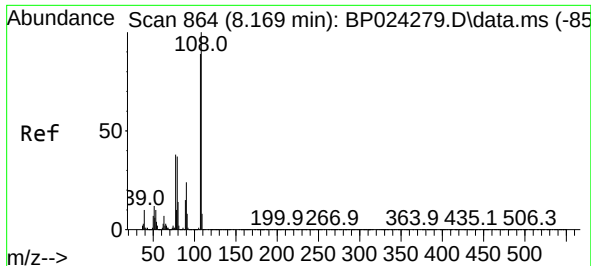
Tgt Ion: 79 Resp: 388425
Ion Ratio Lower Upper
79 100
108 76.6 65.1 97.7
77 61.6 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.119 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion: 45 Resp: 453335
Ion Ratio Lower Upper
45 100
77 17.5 0.0 37.7
79 12.9 0.0 33.5

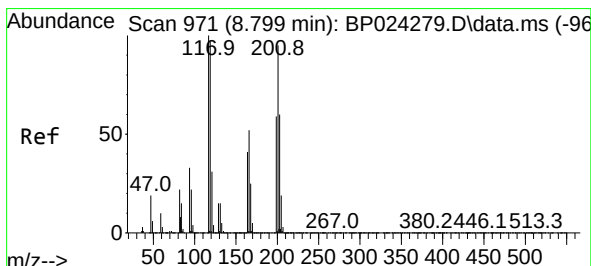
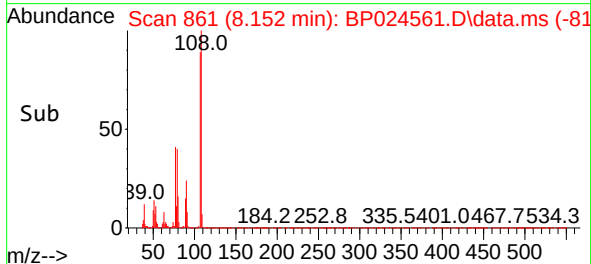
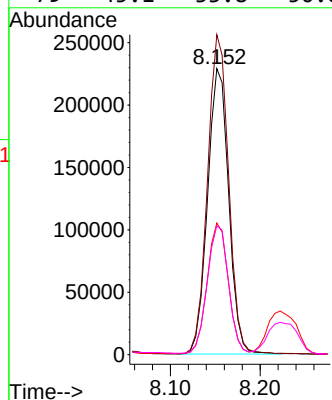
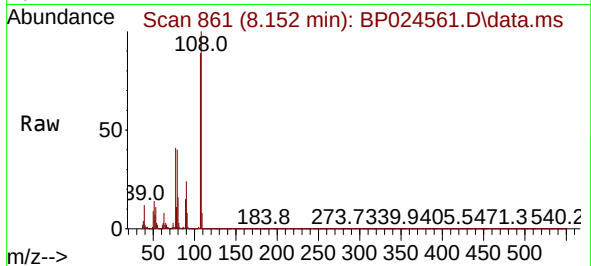




#17
2-Methylphenol
Concen: 46.765 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

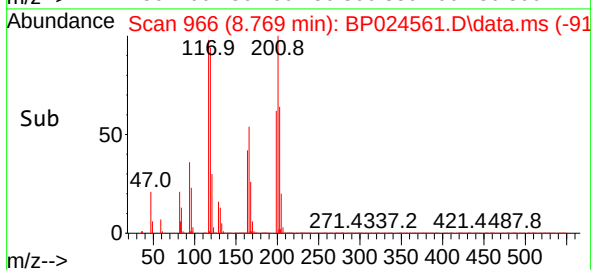
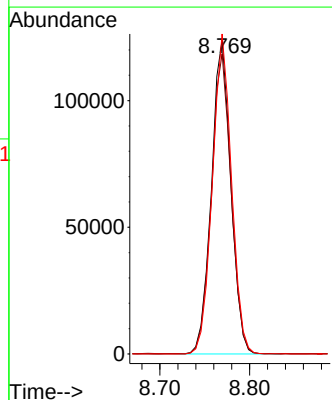
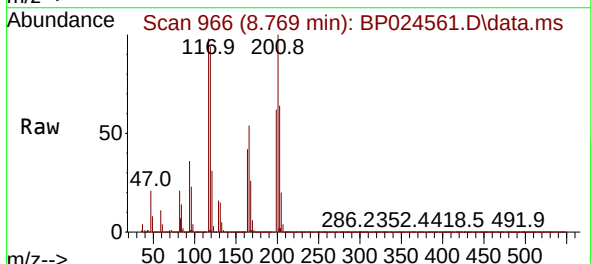
Instrument :
BNA_P
ClientSampleId :
MH-QMS

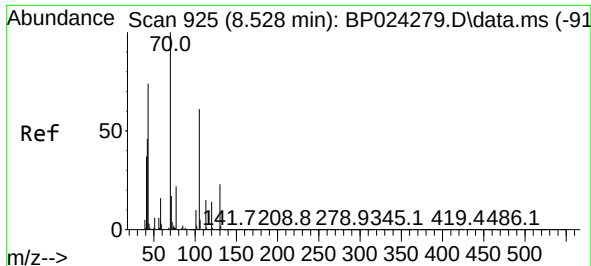
Tgt Ion:	107	Resp:	373881
Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.8	134.6
77	46.0	34.2	51.4
79	45.1	33.8	50.8



#18
Hexachloroethane
Concen: 46.985 ng
RT: 8.769 min Scan# 966
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:	117	Resp:	186319
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.8	116.6
201	101.9	75.9	113.9

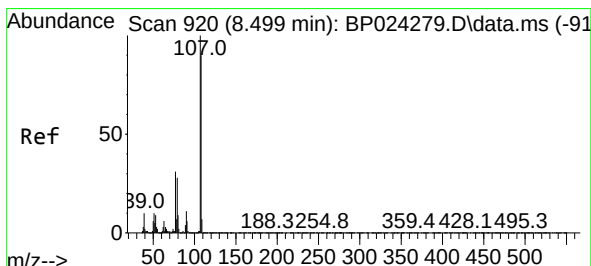
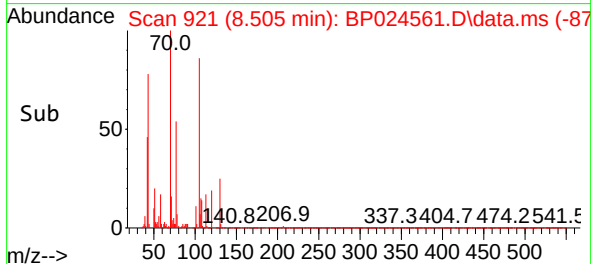
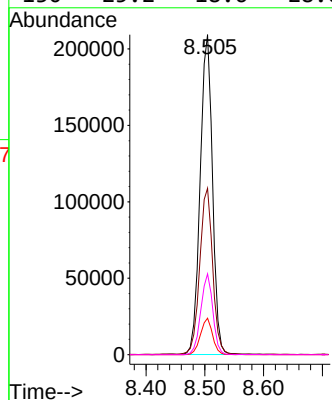
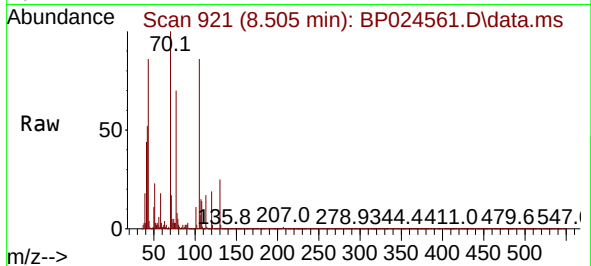




#19
n-Nitroso-di-n-propylamine
Concen: 39.960 ng
RT: 8.505 min Scan# 917
Delta R.T. -0.018 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

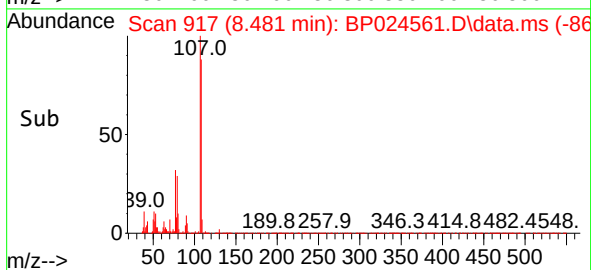
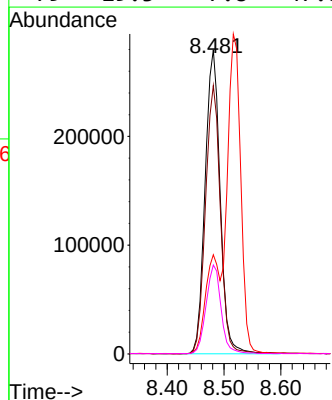
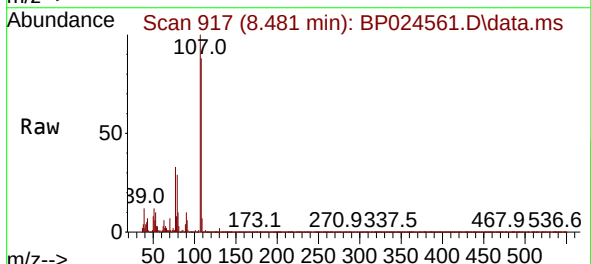
Instrument :
BNA_P
ClientSampleId :
MH-QMS

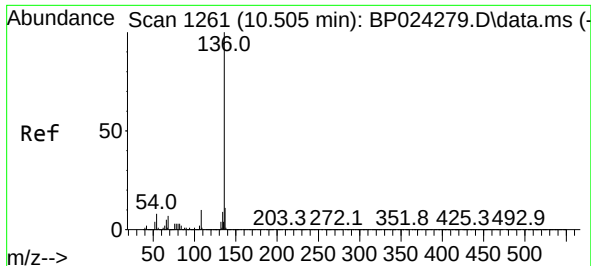
Tgt Ion: 70 Resp: 304571
Ion Ratio Lower Upper
70 100
42 52.0 37.3 55.9
101 11.4 8.2 12.4
130 25.2 18.6 28.0



#20
3+4-Methylphenols
Concen: 46.145 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion: 107 Resp: 511903
Ion Ratio Lower Upper
107 100
108 88.2 69.8 109.8
77 32.6 11.5 51.5
79 29.3 7.8 47.8

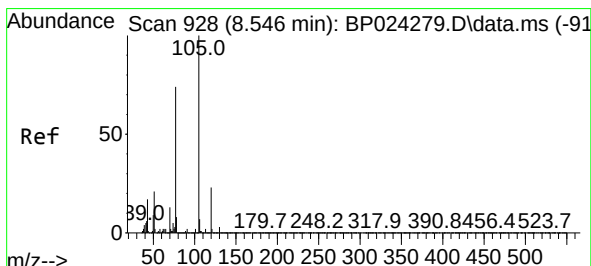
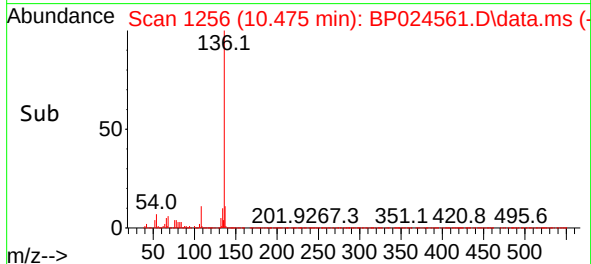
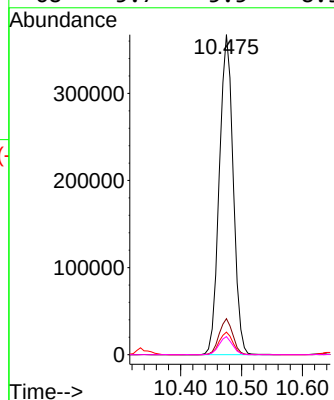
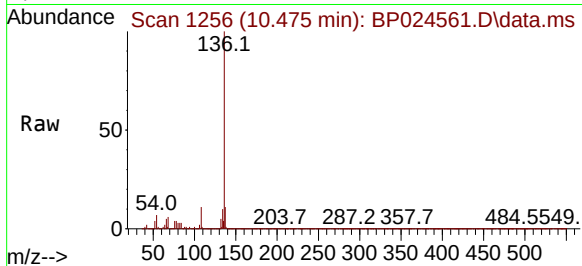




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

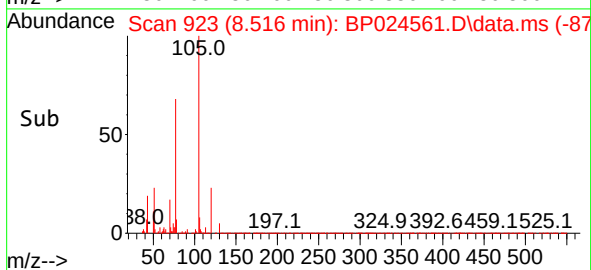
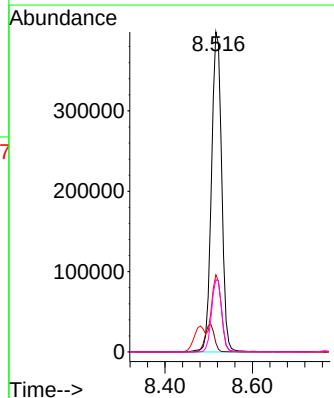
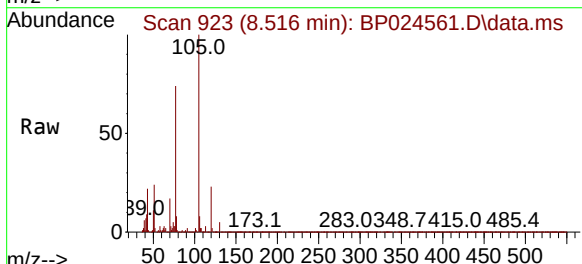
Instrument :
BNA_P
ClientSampleId :
MH-QMS

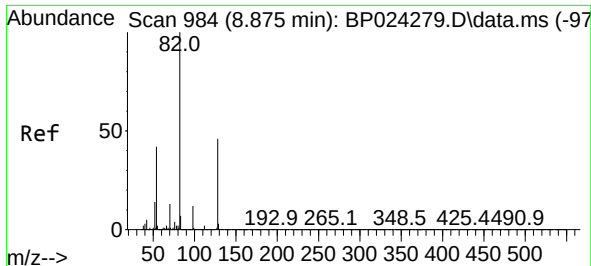
Tgt Ion:	136	Resp:	581624
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.2	13.8
54	7.0	6.0	9.0
68	5.7	5.5	8.3



#22
Acetophenone
Concen: 45.013 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:	105	Resp:	647991
Ion Ratio	Lower	Upper	
105	100		
71	2.8	1.7	2.5
51	24.1	16.9	25.3
120	22.6	18.6	28.0

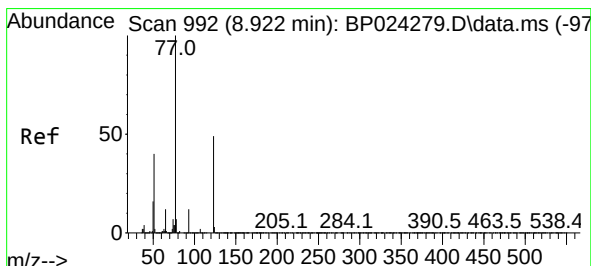
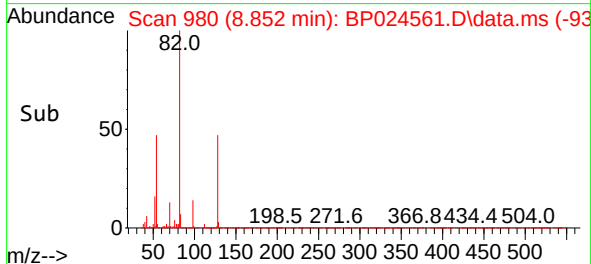
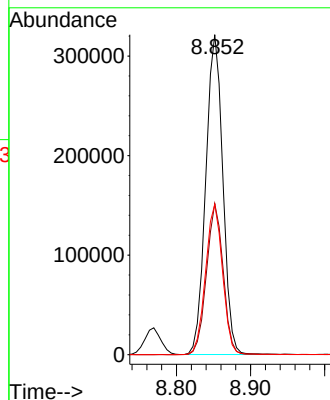
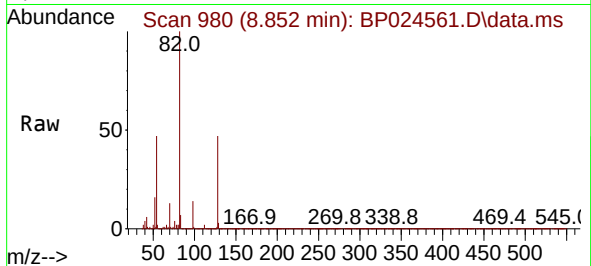




#23
Nitrobenzene-d5
Concen: 50.286 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

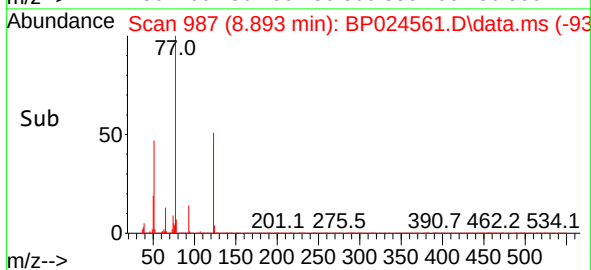
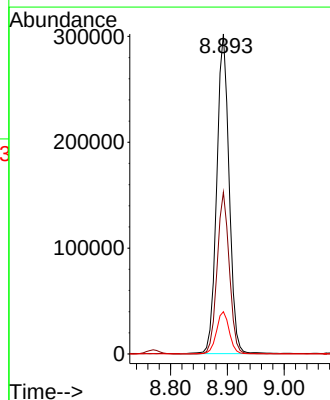
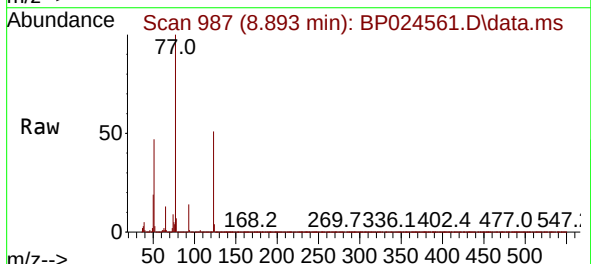
Instrument :
BNA_P
ClientSampleId :
MH-QMS

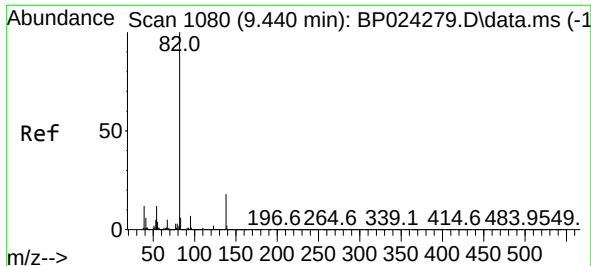
Tgt Ion: 82 Resp: 512925
Ion Ratio Lower Upper
82 100
128 47.2 36.5 54.7
54 47.0 33.4 50.2



#24
Nitrobenzene
Concen: 45.095 ng
RT: 8.893 min Scan# 987
Delta R.T. -0.018 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion: 77 Resp: 455030
Ion Ratio Lower Upper
77 100
123 50.5 39.2 58.8
65 13.2 9.8 14.6

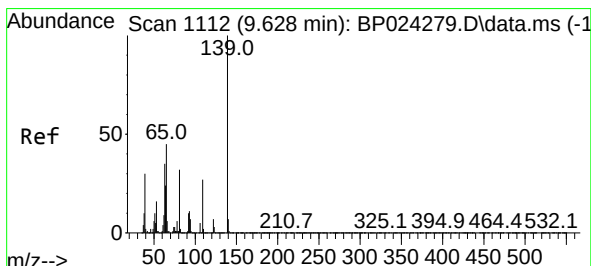
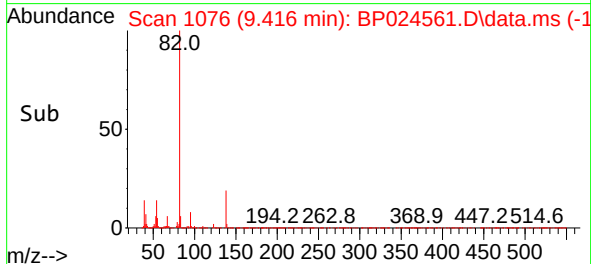
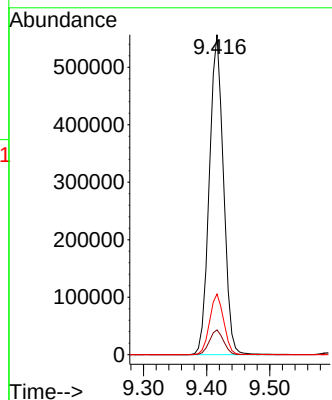
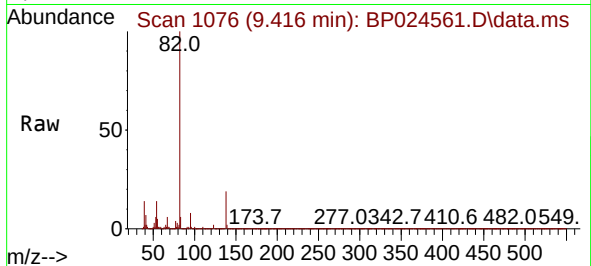




#25
Isophorone
Concen: 46.904 ng
RT: 9.416 min Scan# 1080
Delta R.T. -0.012 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

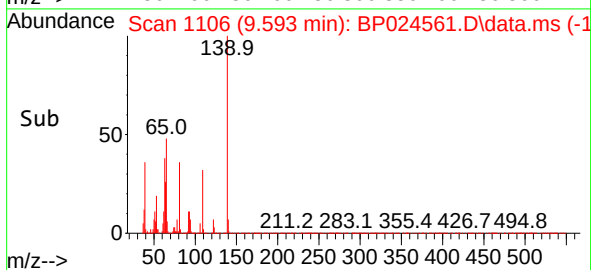
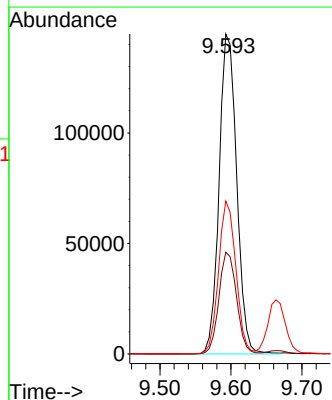
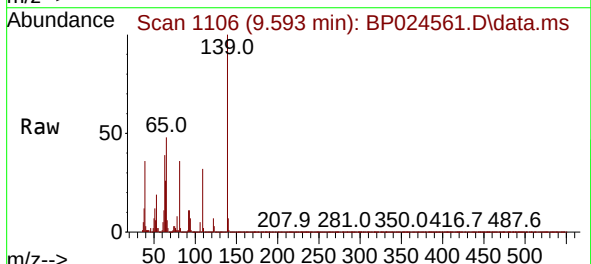
Instrument :
BNA_P
ClientSampleId :
MH-QMS

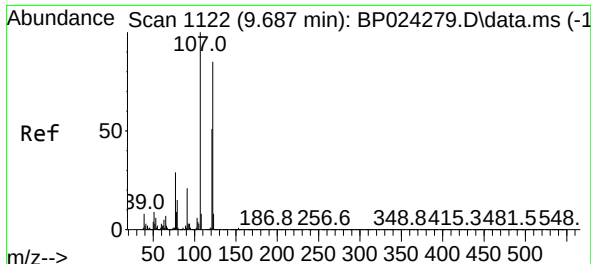
Tgt Ion: 82 Resp: 865991
Ion Ratio Lower Upper
82 100
95 7.7 5.4 8.2
138 19.0 14.4 21.6



#26
2-Nitrophenol
Concen: 50.187 ng
RT: 9.593 min Scan# 1106
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion: 139 Resp: 247825
Ion Ratio Lower Upper
139 100
109 31.8 21.8 32.6
65 47.8 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 67.481 ng

RT: 9.663 min Scan# 1118

Delta R.T. -0.018 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

Instrument :

BNA_P

ClientSampleId :

MH-QMS

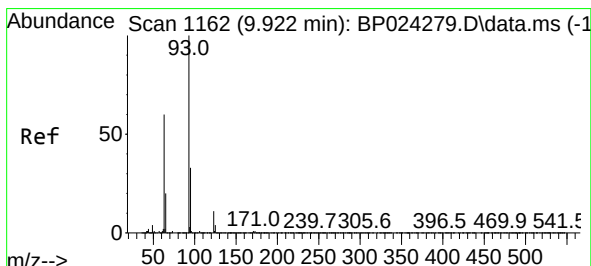
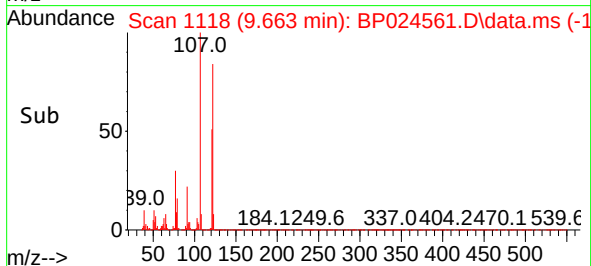
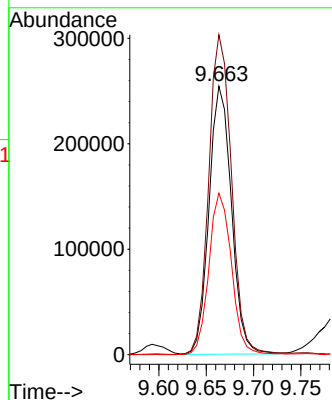
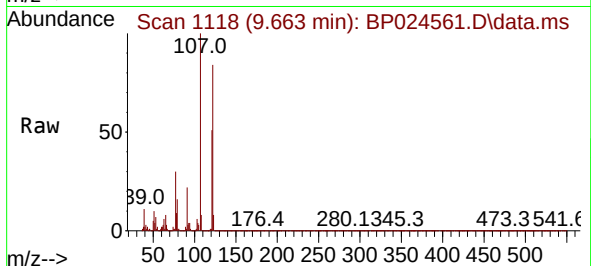
Tgt Ion:122 Resp: 418404

Ion Ratio Lower Upper

122 100

107 119.2 93.7 140.5

121 60.2 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.185 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.023 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

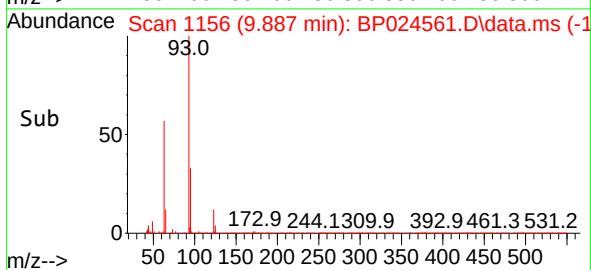
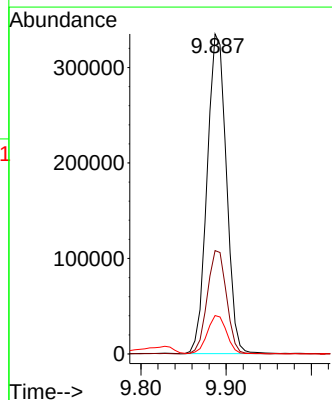
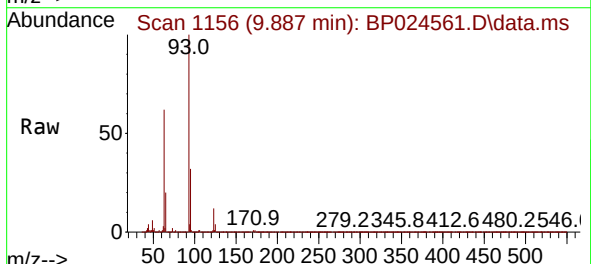
Tgt Ion: 93 Resp: 526146

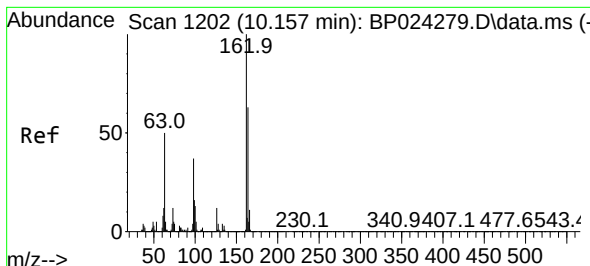
Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

123 12.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.602 ng

RT: 10.140 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

Instrument :

BNA_P

ClientSampleId :

MH-QMS

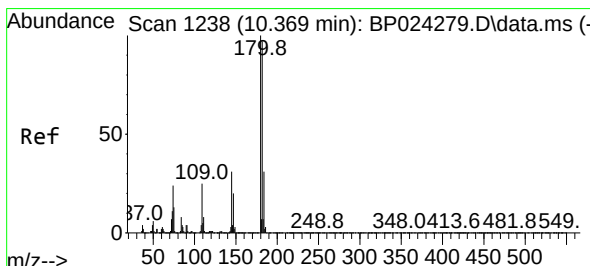
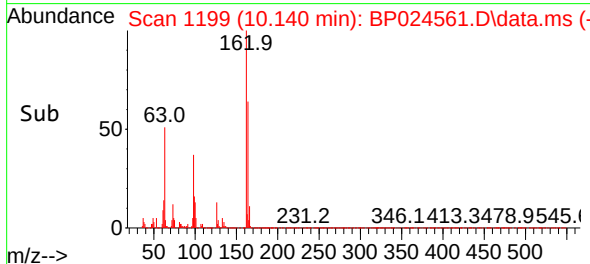
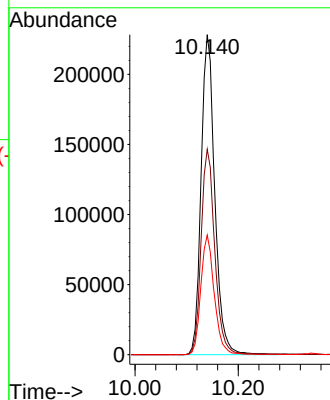
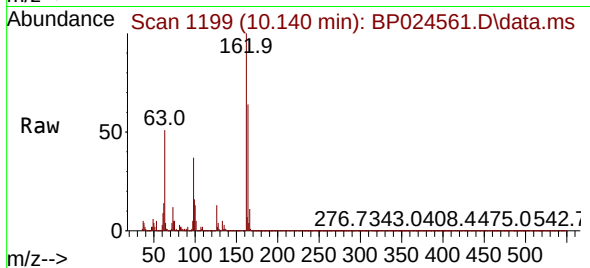
Tgt Ion:162 Resp: 419342

Ion Ratio Lower Upper

162 100

164 64.2 43.3 83.3

98 37.4 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 47.743 ng

RT: 10.340 min Scan# 1233

Delta R.T. -0.023 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

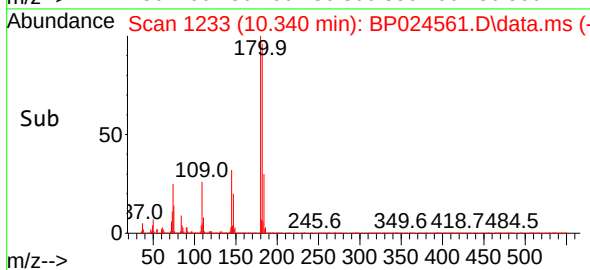
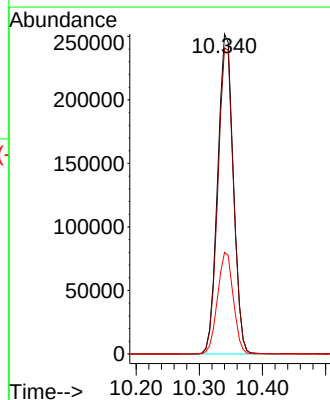
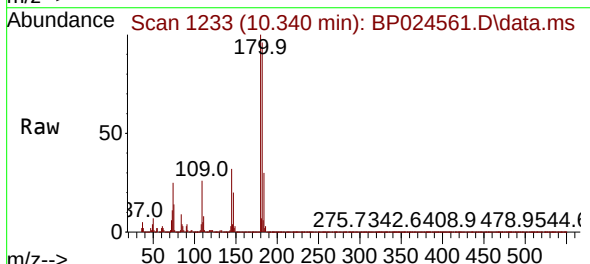
Tgt Ion:180 Resp: 432457

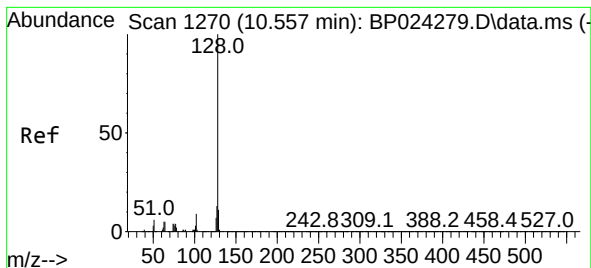
Ion Ratio Lower Upper

180 100

182 95.7 77.3 115.9

145 31.8 25.1 37.7

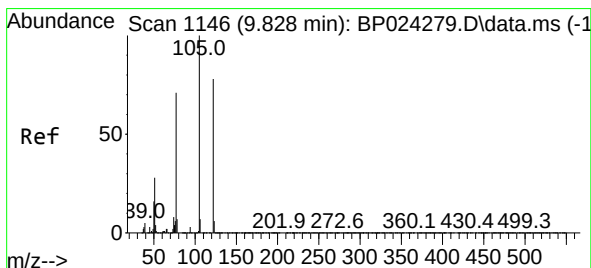
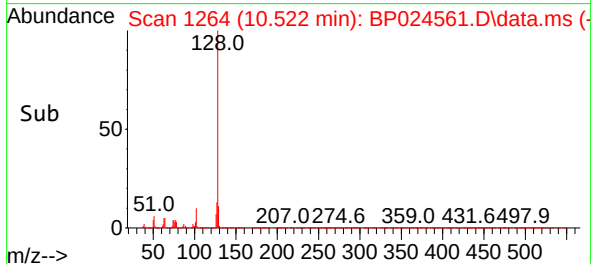
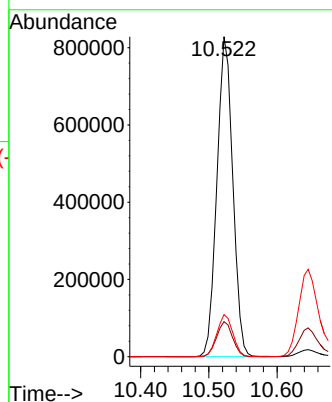
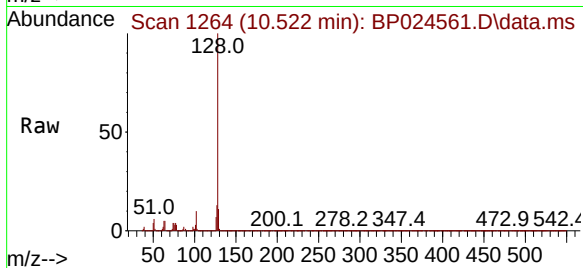




#31
Naphthalene
Concen: 43.802 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

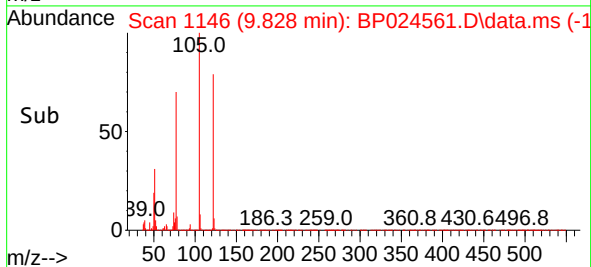
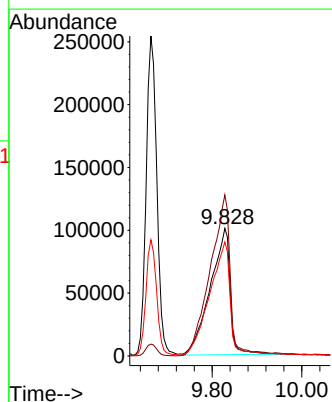
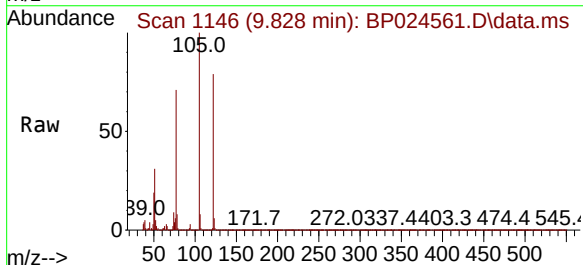
Instrument :
BNA_P
ClientSampleId :
MH-QMS

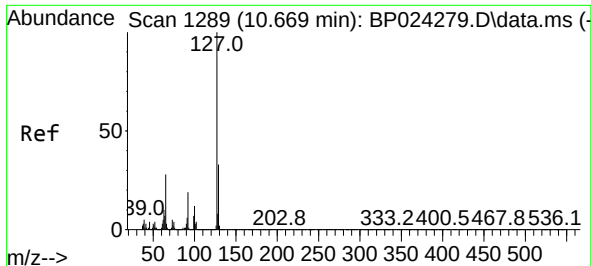
Tgt Ion:128 Resp: 1342005
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 42.993 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:122 Resp: 310617
Ion Ratio Lower Upper
122 100
105 126.4 104.8 144.8
77 89.3 69.2 109.2



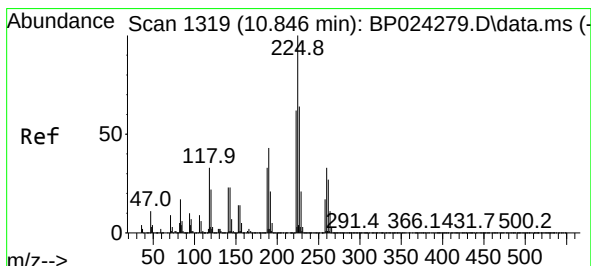
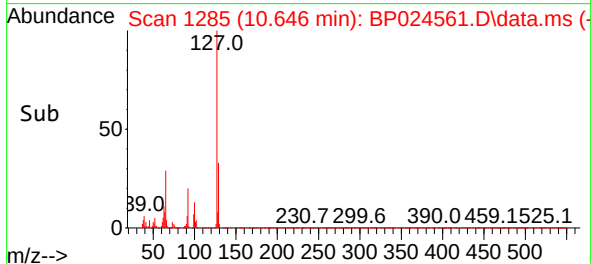
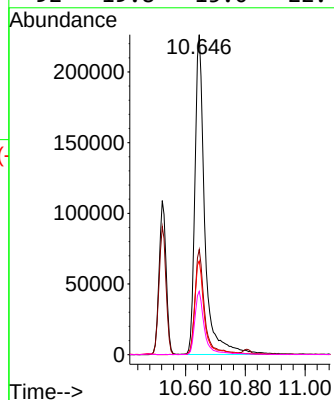
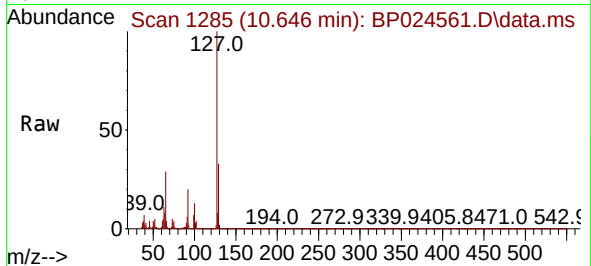


#33
4-Chloroaniline
Concen: 48.264 ng
RT: 10.646 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Instrument :
BNA_P
ClientSampleId :
MH-QMS

Tgt Ion:127 Resp: 520737

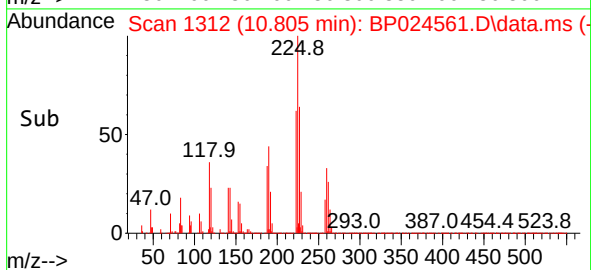
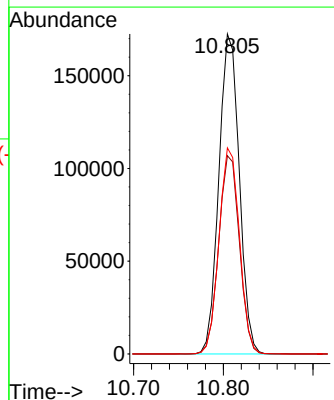
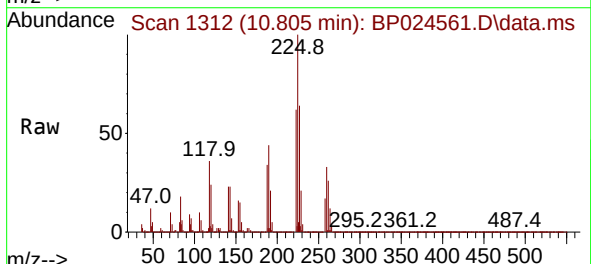
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	29.3	22.1	33.1
92	19.8	15.0	22.4

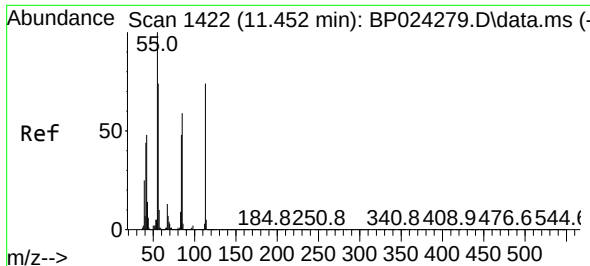


#34
Hexachlorobutadiene
Concen: 51.177 ng
RT: 10.805 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:225 Resp: 272401

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.5	74.3
227	64.4	50.9	76.3

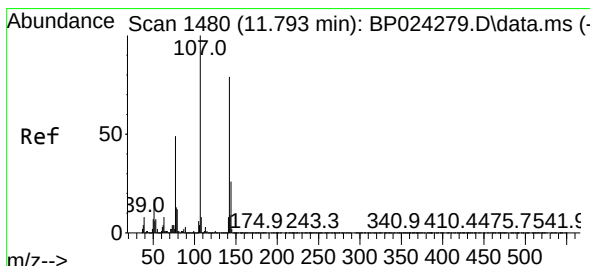
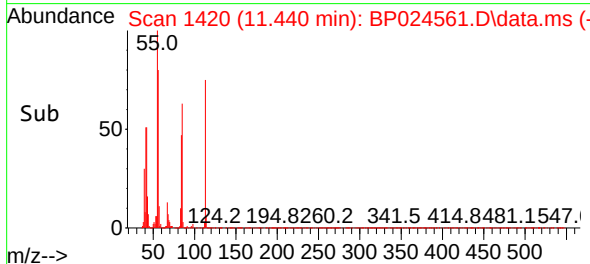
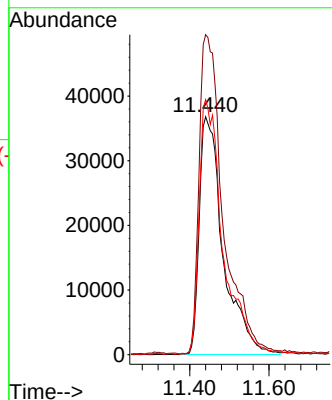
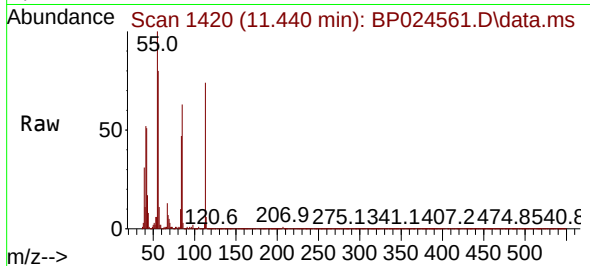




#35
 Caprolactam
 Concen: 49.138 ng
 RT: 11.440 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: BP024561.D
 Acq: 07 May 2025 12:56

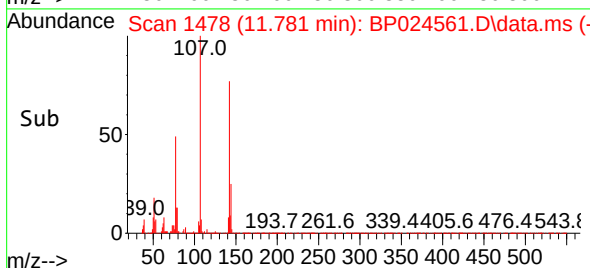
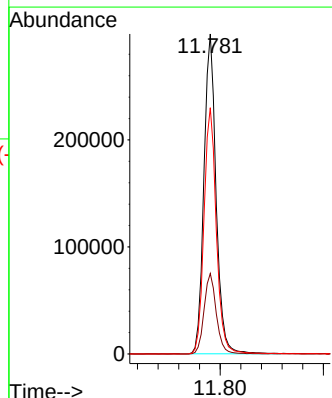
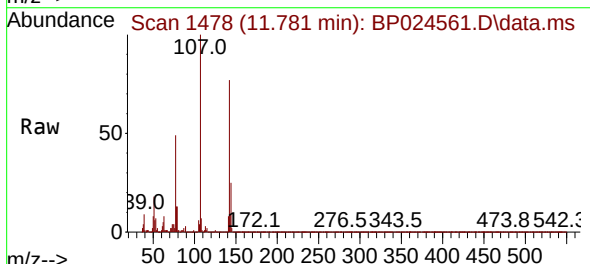
Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

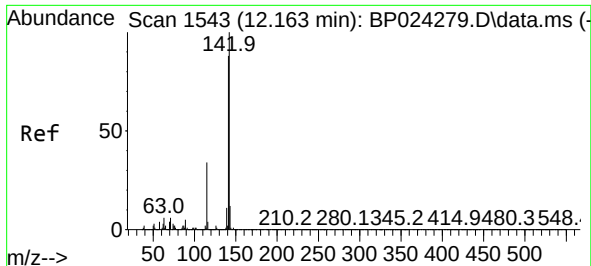
Tgt Ion:113 Resp: 153282
 Ion Ratio Lower Upper
 113 100
 55 134.5 115.9 155.9
 56 107.2 81.1 121.1



#36
 4-Chloro-3-methylphenol
 Concen: 49.597 ng
 RT: 11.781 min Scan# 1478
 Delta R.T. -0.012 min
 Lab File: BP024561.D
 Acq: 07 May 2025 12:56

Tgt Ion:107 Resp: 488390
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 77.0 63.4 95.2

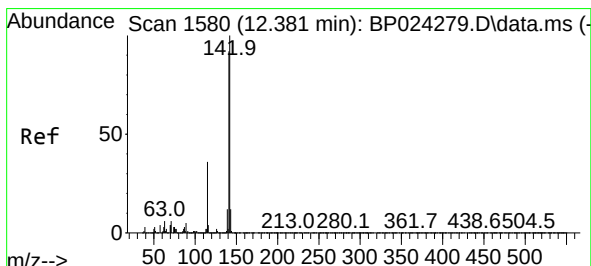
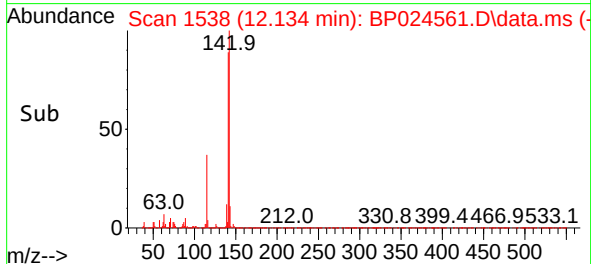
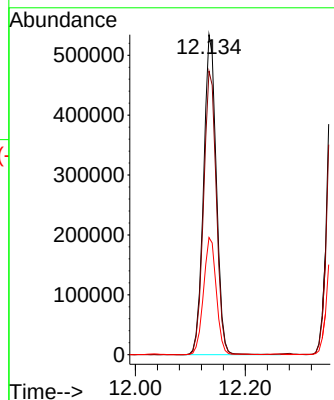
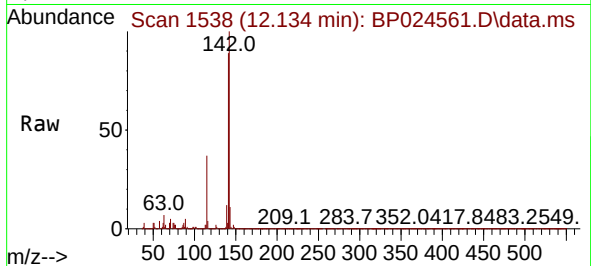




#37
2-Methylnaphthalene
Concen: 40.405 ng
RT: 12.134 min Scan# 1538
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

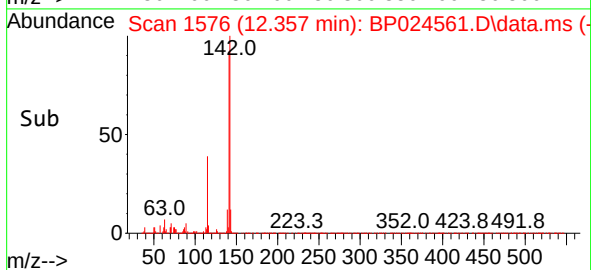
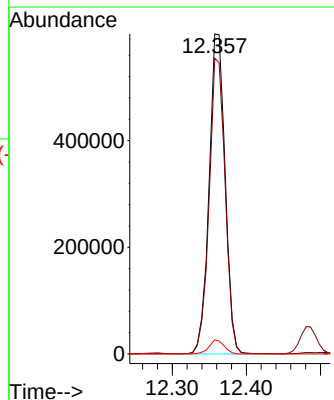
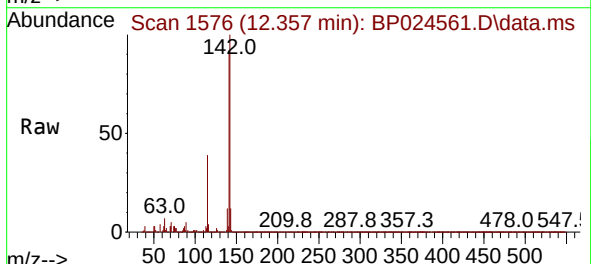
Instrument :
BNA_P
ClientSampleId :
MH-QMS

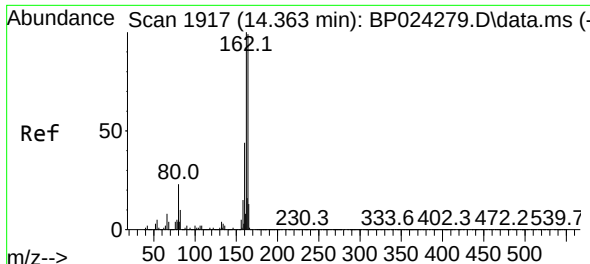
Tgt Ion:142 Resp: 858525
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5
115 36.6 26.9 40.3



#38
1-Methylnaphthalene
Concen: 43.445 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.017 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:142 Resp: 903066
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4
116 4.4 3.0 4.6

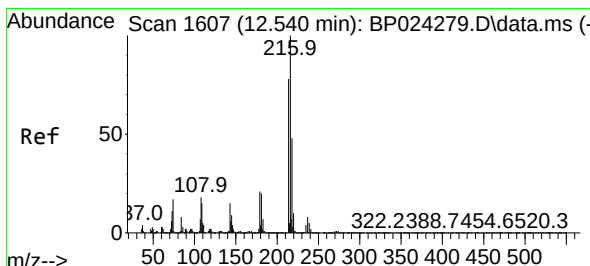
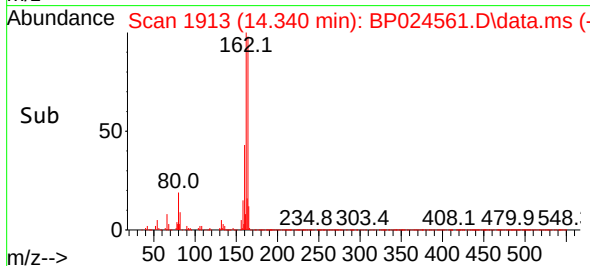
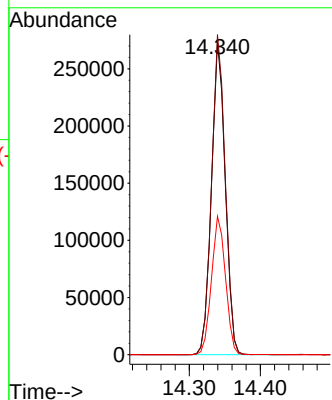
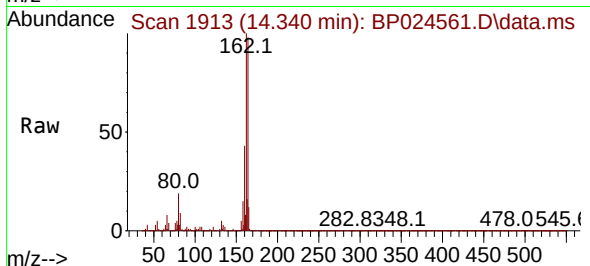




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

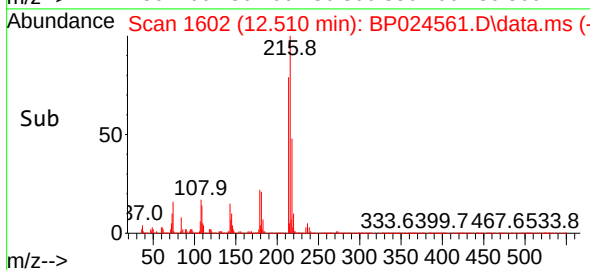
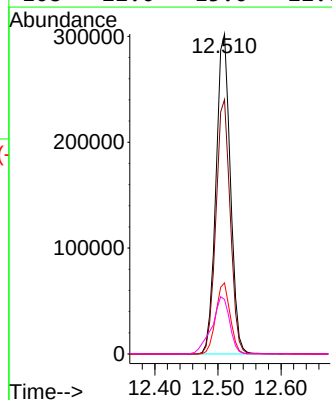
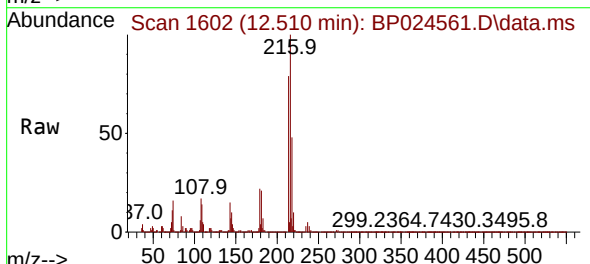
Instrument :
BNA_P
ClientSampleId :
MH-QMS

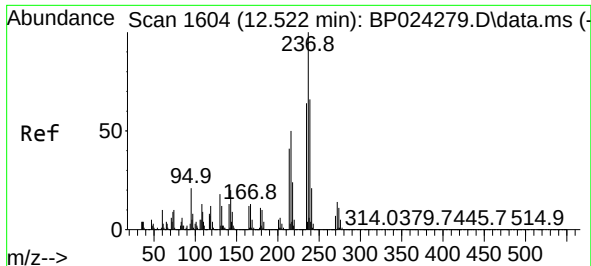
Tgt Ion:164 Resp: 368354
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 44.3 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.068 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.017 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:216 Resp: 476790
Ion Ratio Lower Upper
216 100
214 79.2 62.6 93.8
179 22.2 17.2 25.8
108 22.0 15.0 22.6

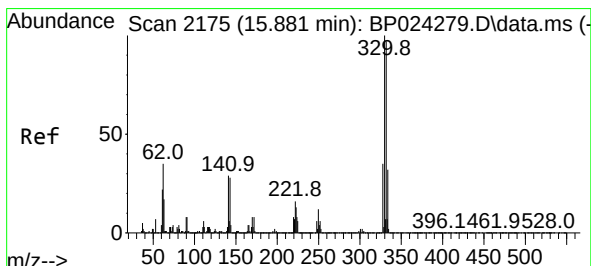
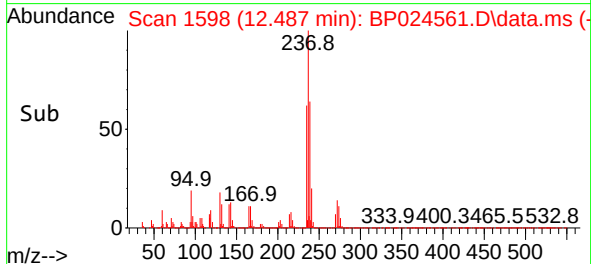
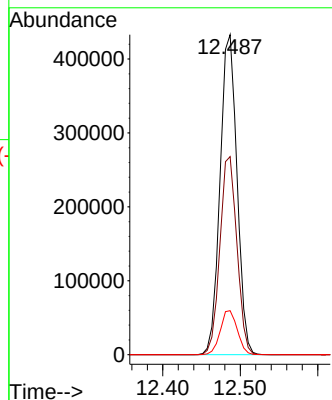
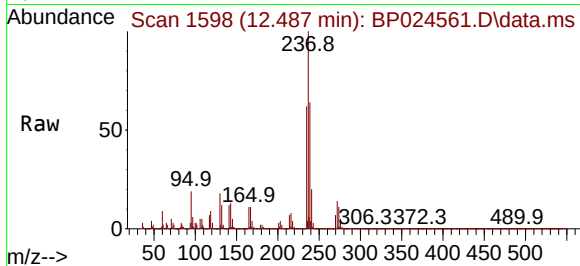




#41
Hexachlorocyclopentadiene
Concen: 183.355 ng
RT: 12.487 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

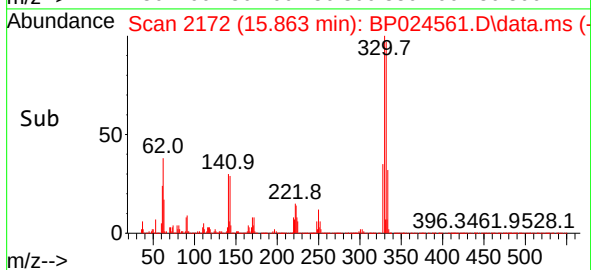
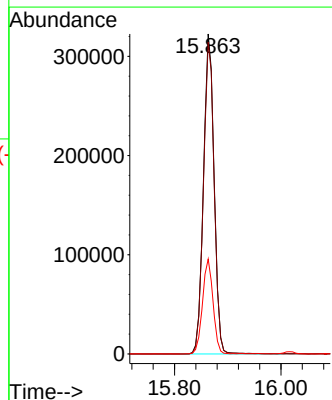
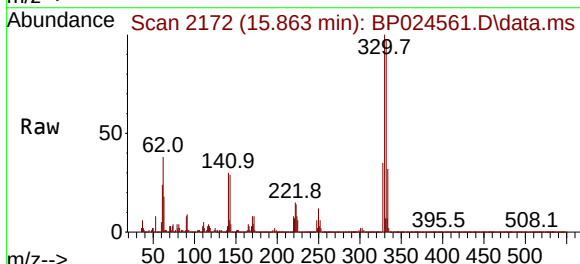
Instrument :
BNA_P
ClientSampleId :
MH-QMS

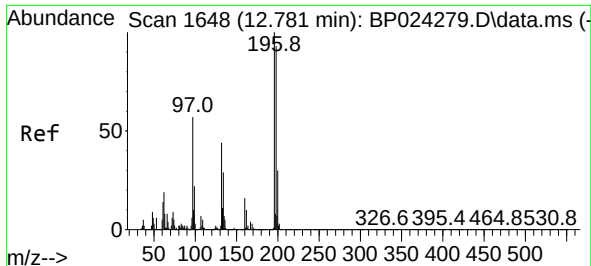
Tgt Ion:237 Resp: 656895
Ion Ratio Lower Upper
237 100
235 61.9 43.9 83.9
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 87.780 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:330 Resp: 447361
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 29.4 24.7 37.1

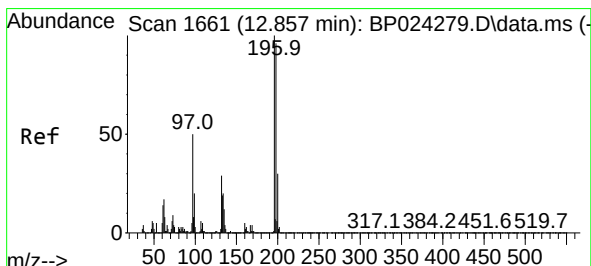
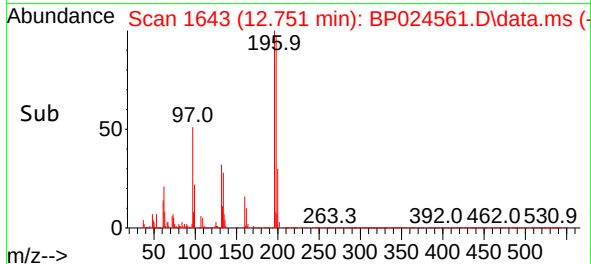
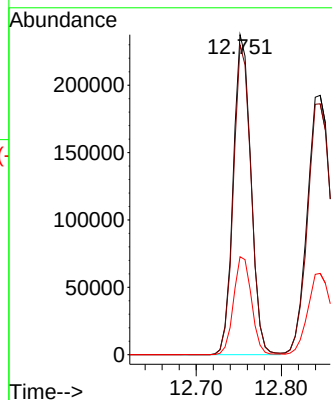
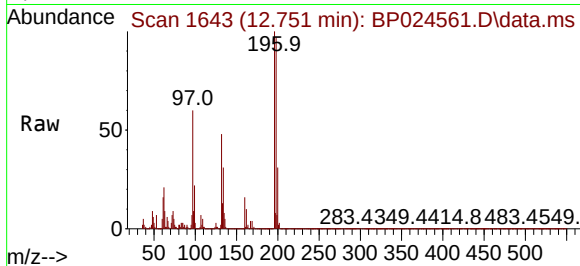




#43
2,4,6-Trichlorophenol
Concen: 50.908 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

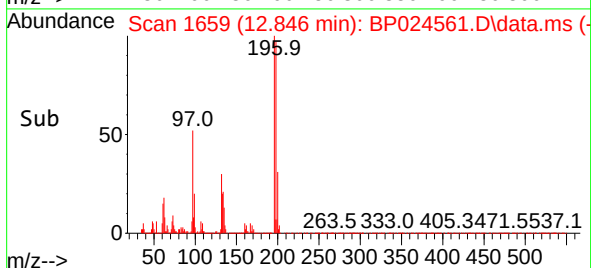
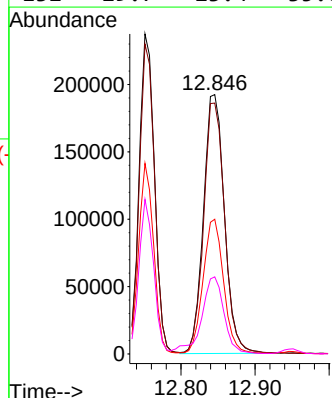
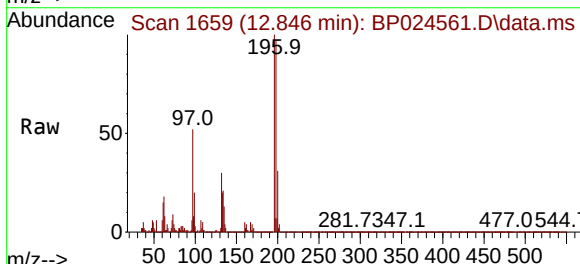
Instrument :
BNA_P
ClientSampleId :
MH-QMS

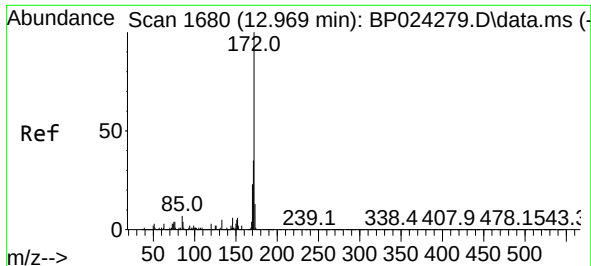
Tgt Ion:196 Resp: 342860
Ion Ratio Lower Upper
196 100
198 96.8 74.3 111.5
200 30.6 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 50.802 ng
RT: 12.846 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:196 Resp: 378881
Ion Ratio Lower Upper
196 100
198 96.7 77.3 115.9
97 52.0 40.4 60.6
132 29.7 23.4 35.0

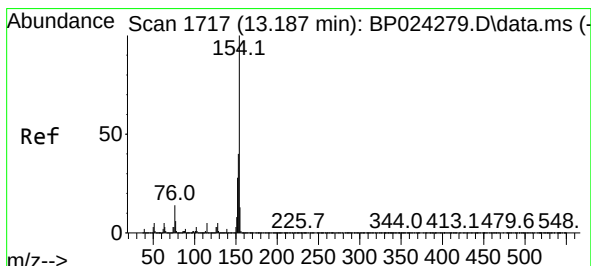
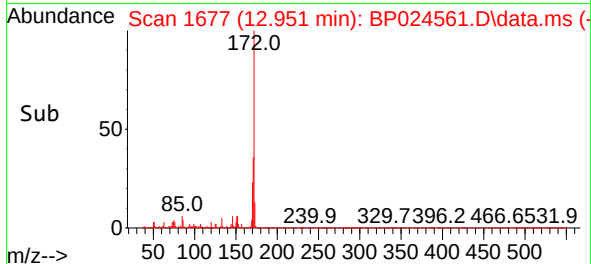
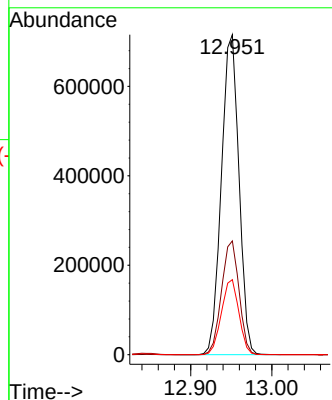
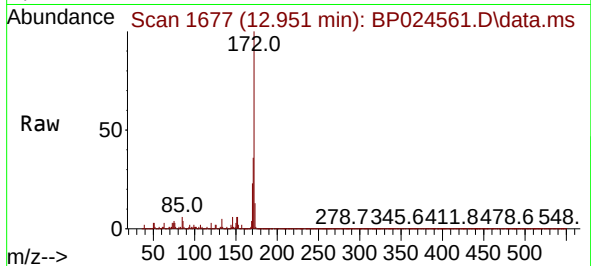




#45
2-Fluorobiphenyl
Concen: 44.754 ng
RT: 12.951 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

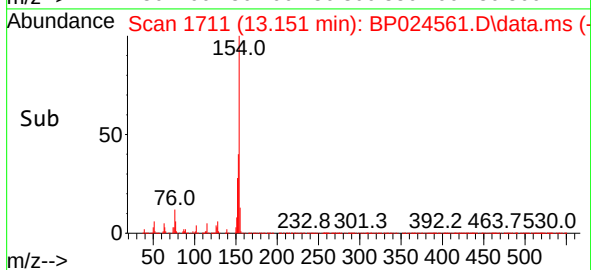
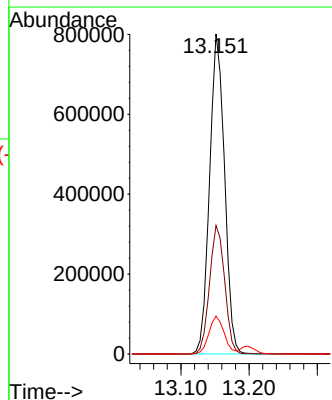
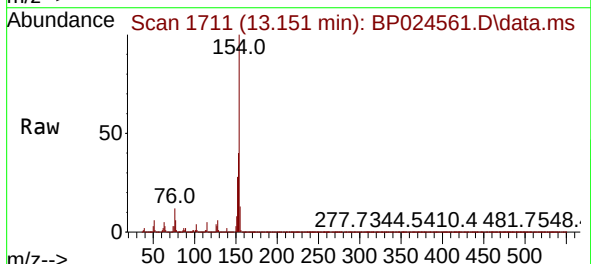
Instrument :
BNA_P
ClientSampleId :
MH-QMS

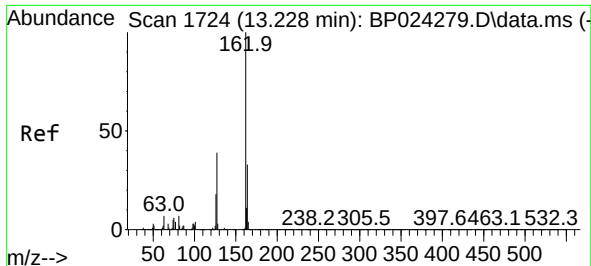
Tgt Ion:172 Resp: 1076691
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 45.146 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:154 Resp: 1222360
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 11.8 0.0 33.5

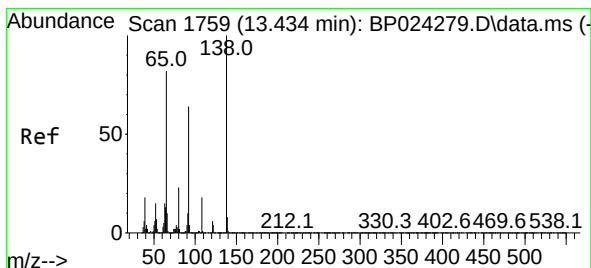
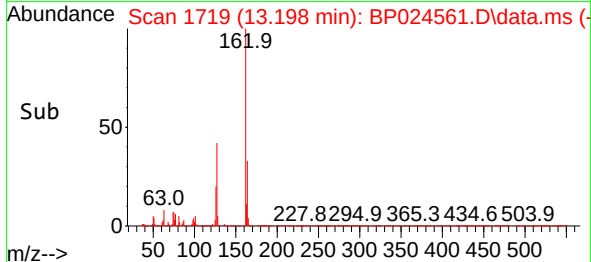
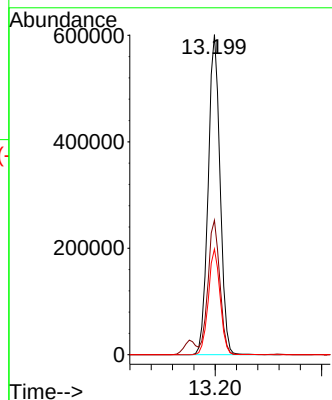
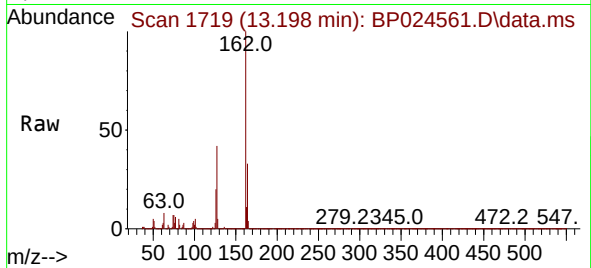




#47
2-Chloronaphthalene
Concen: 46.063 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.017 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

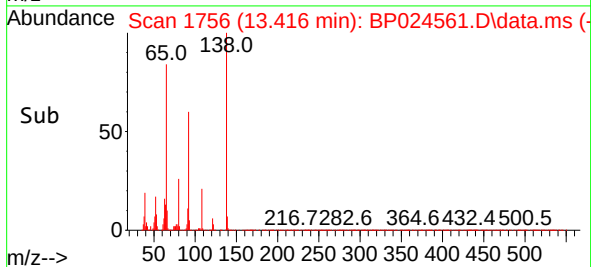
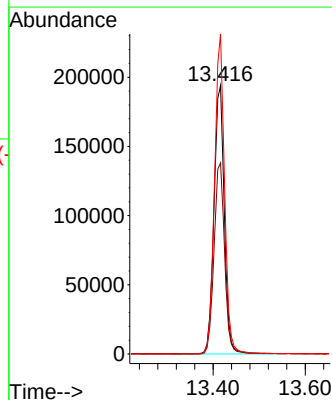
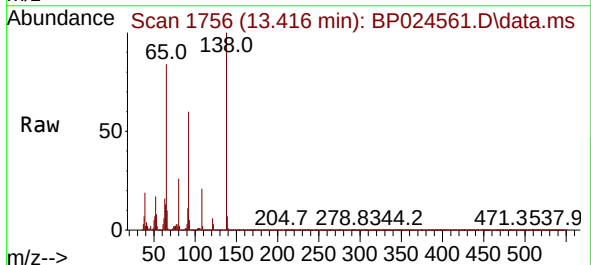
Instrument :
BNA_P
ClientSampleId :
MH-QMS

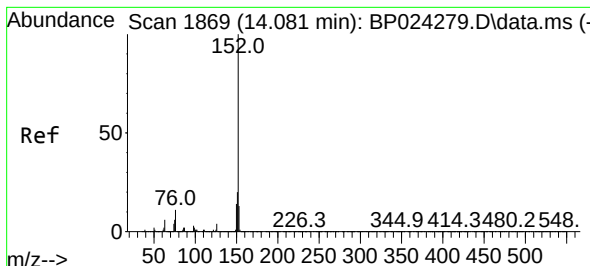
Tgt Ion:162 Resp: 932131
Ion Ratio Lower Upper
162 100
127 42.0 31.9 47.9
164 33.0 26.2 39.4



#48
2-Nitroaniline
Concen: 53.348 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion: 65 Resp: 302822
Ion Ratio Lower Upper
65 100
92 71.2 62.3 93.5
138 119.3 97.2 145.8





#49

Acenaphthylene

Concen: 49.069 ng

RT: 14.057 min Scan# 1865

Delta R.T. -0.012 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

Instrument :

BNA_P

ClientSampleId :

MH-QMS

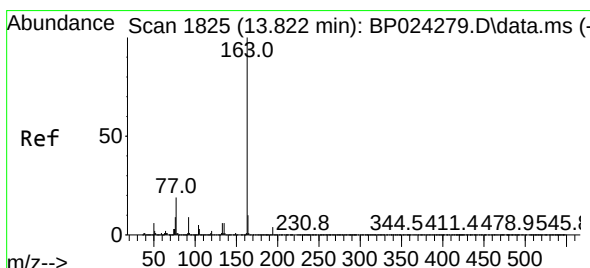
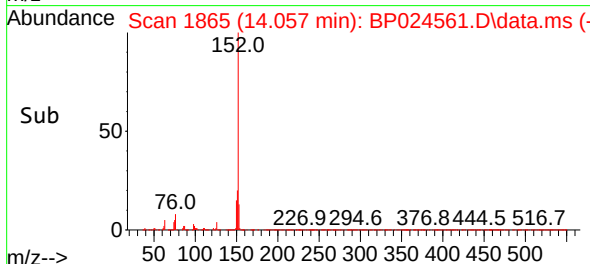
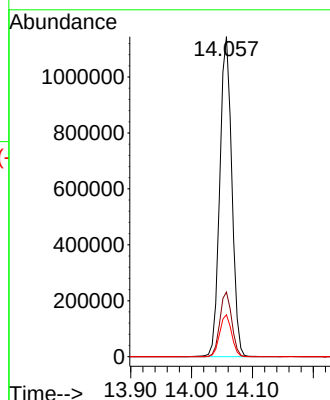
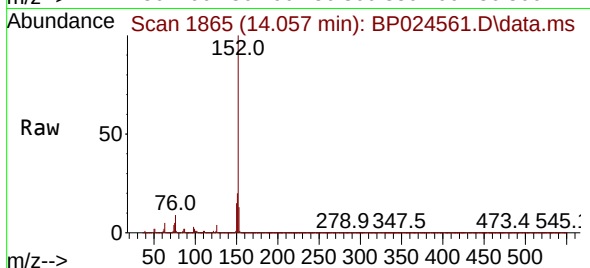
Tgt Ion:152 Resp: 1563371

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 47.140 ng

RT: 13.787 min Scan# 1819

Delta R.T. -0.023 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

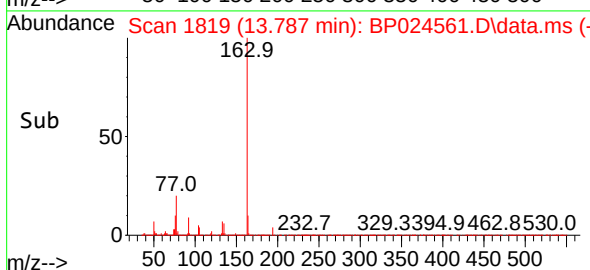
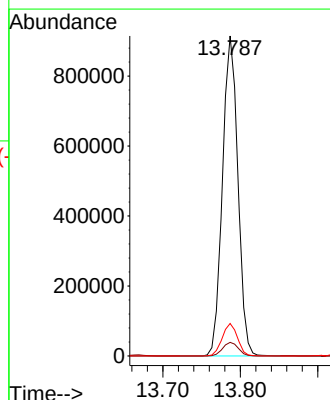
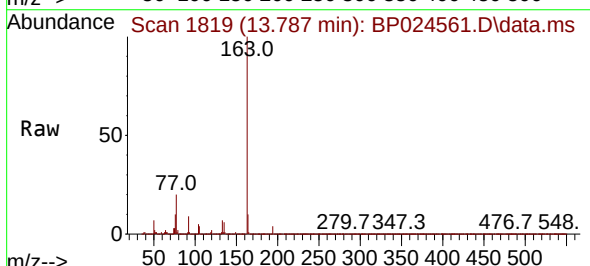
Tgt Ion:163 Resp: 1262753

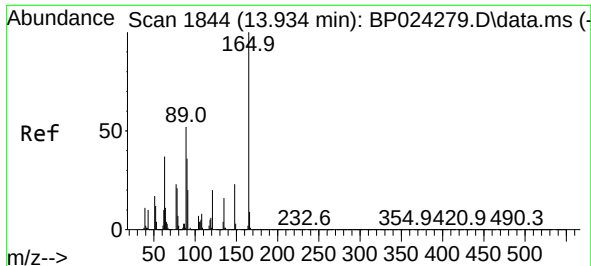
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.2 8.0 12.0

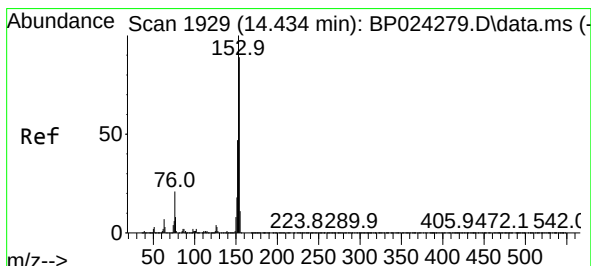
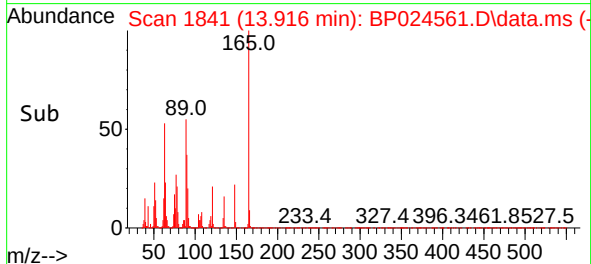
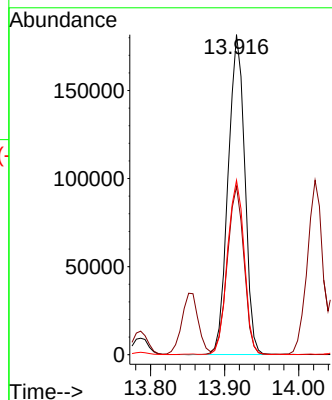
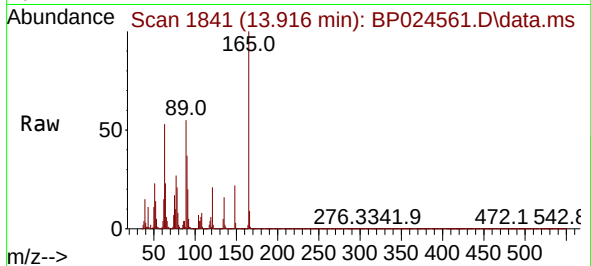




#51
2,6-Dinitrotoluene
Concen: 49.838 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

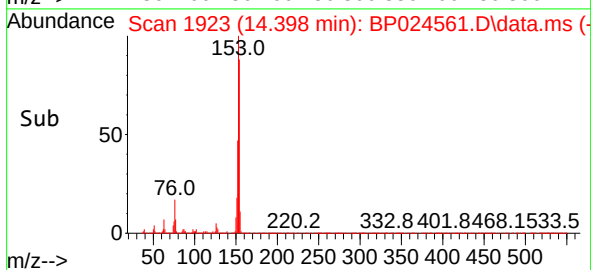
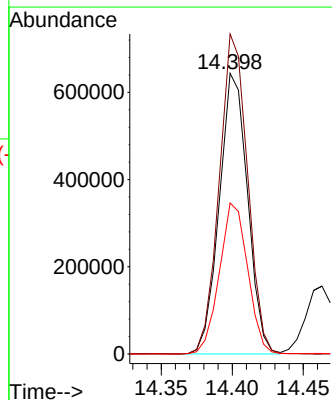
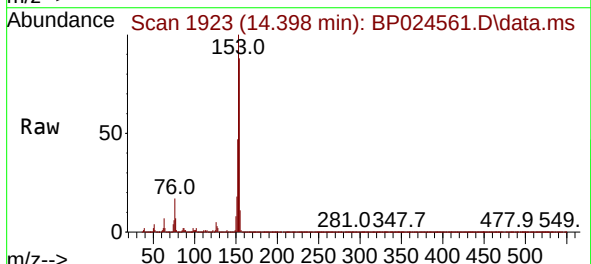
Instrument :
BNA_P
ClientSampleId :
MH-QMS

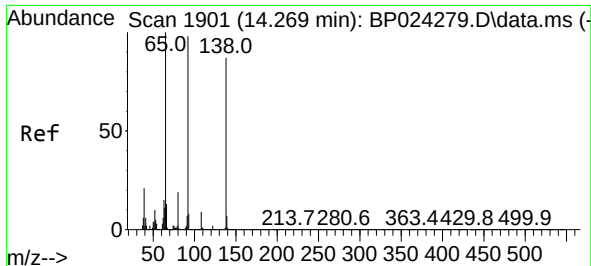
Tgt Ion:165 Resp: 283490
Ion Ratio Lower Upper
165 100
63 52.6 38.0 57.0
89 54.5 41.7 62.5



#52
Acenaphthene
Concen: 44.108 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.023 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:154 Resp: 890924
Ion Ratio Lower Upper
154 100
153 114.0 89.8 134.6
152 53.8 42.6 63.8

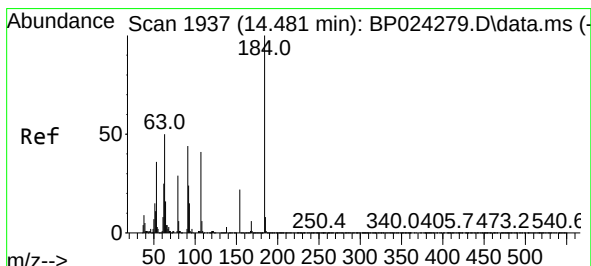
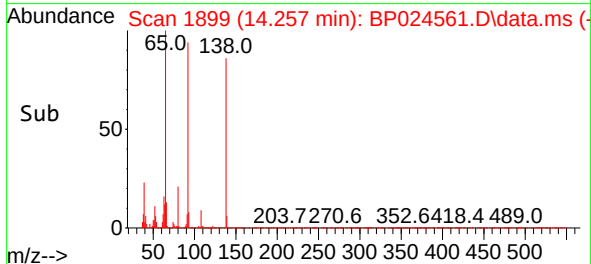
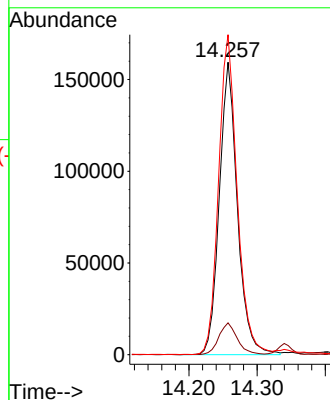
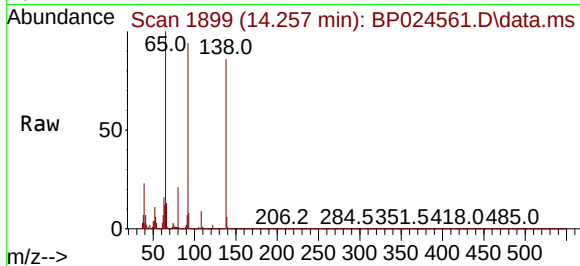




#53
3-Nitroaniline
Concen: 49.309 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

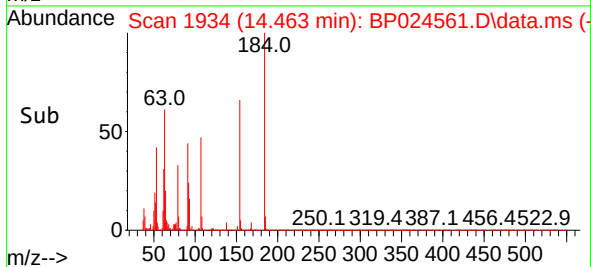
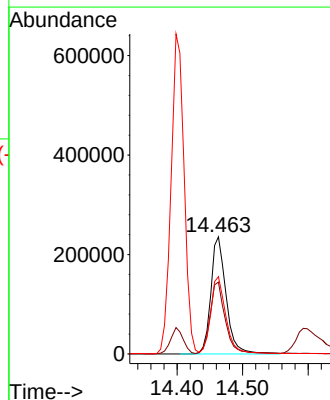
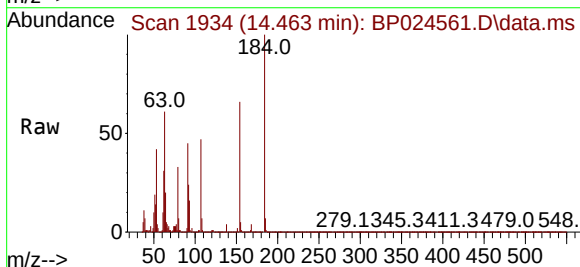
Instrument :
BNA_P
ClientSampleId :
MH-QMS

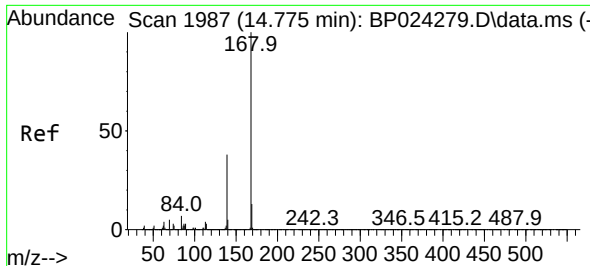
Tgt Ion:138 Resp: 294792
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 109.4 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 113.579 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:184 Resp: 380562
Ion Ratio Lower Upper
184 100
63 61.3 42.6 64.0
154 66.0 47.2 70.8

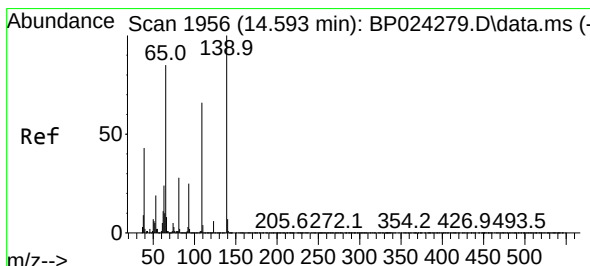
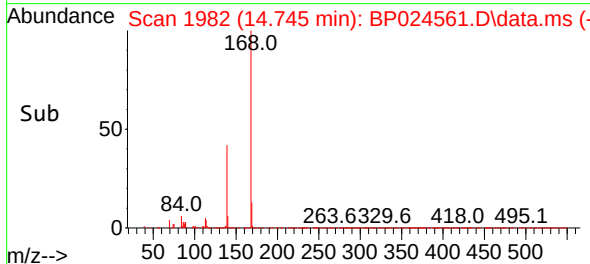
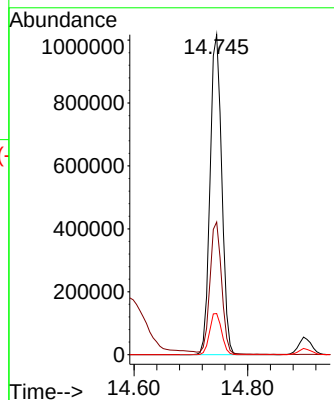
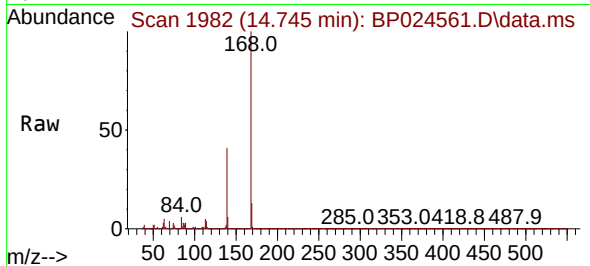




#55
Dibenzenofuran
Concen: 43.648 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

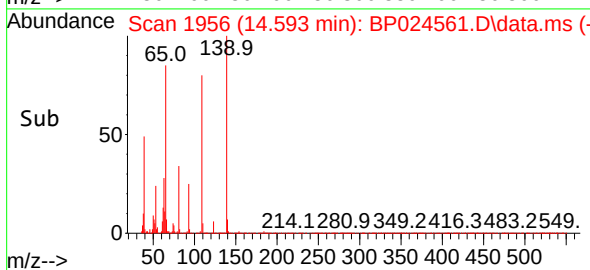
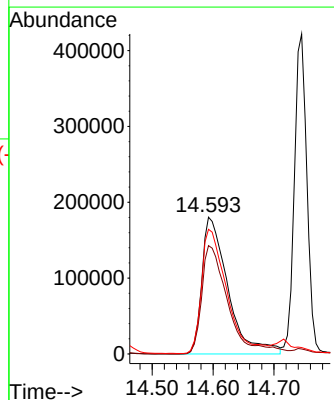
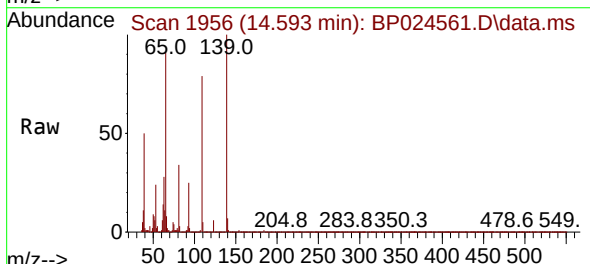
Instrument :
BNA_P
ClientSampleId :
MH-QMS

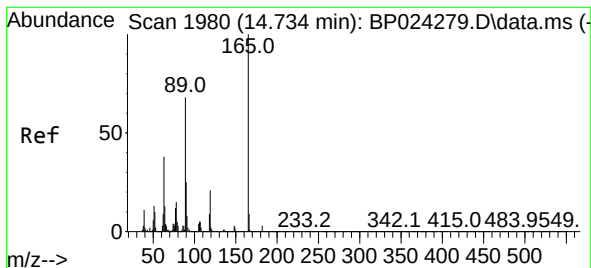
Tgt Ion:168 Resp: 1441071
Ion Ratio Lower Upper
168 100
139 41.5 30.3 45.5
169 12.9 10.6 16.0



#56
4-Nitrophenol
Concen: 103.488 ng
RT: 14.593 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:139 Resp: 534338
Ion Ratio Lower Upper
139 100
109 79.2 46.1 86.1
65 91.1 65.0 105.0

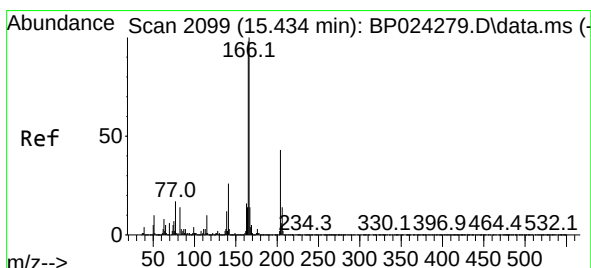
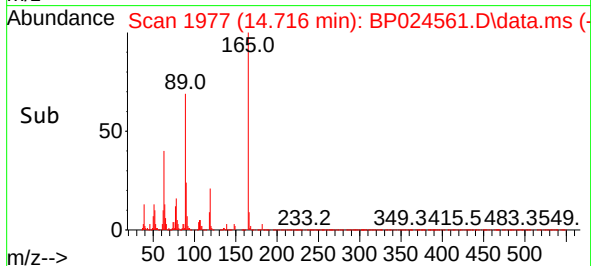
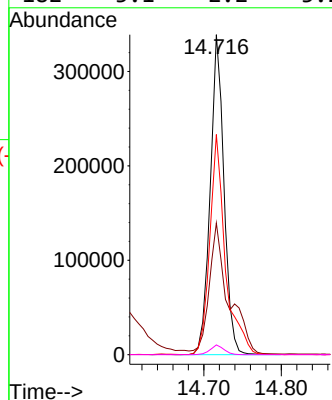
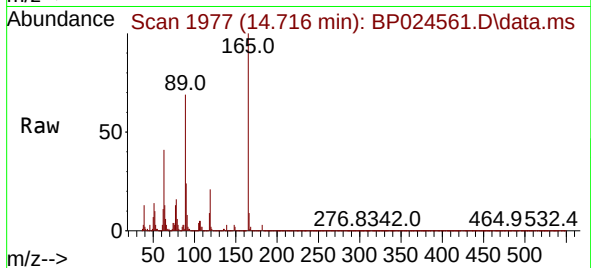




#57
2,4-Dinitrotoluene
Concen: 53.892 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

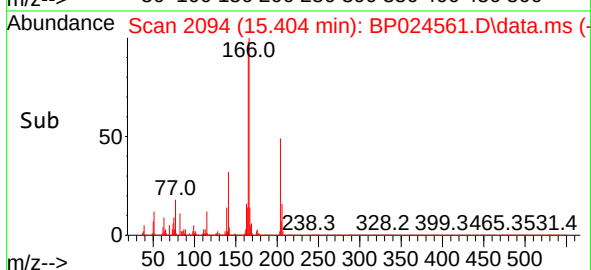
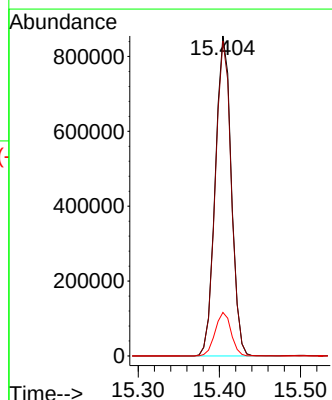
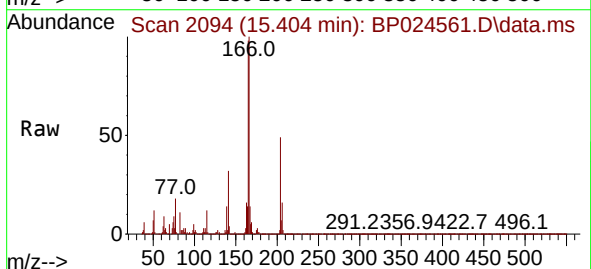
Instrument :
BNA_P
ClientSampleId :
MH-QMS

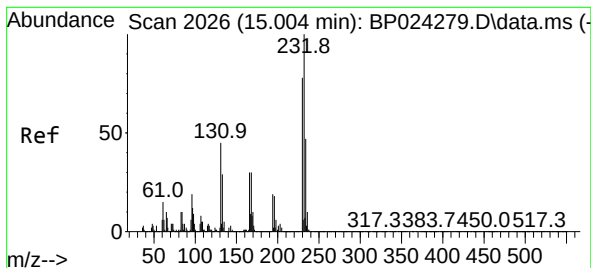
Tgt Ion:165 Resp: 418173
Ion Ratio Lower Upper
165 100
63 41.1 30.4 45.6
89 68.8 54.6 82.0
182 3.1 2.2 3.2



#58
Fluorene
Concen: 45.910 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:166 Resp: 1173406
Ion Ratio Lower Upper
166 100
165 98.5 78.1 117.1
167 13.6 10.9 16.3

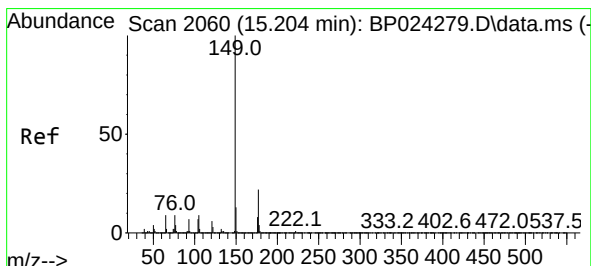
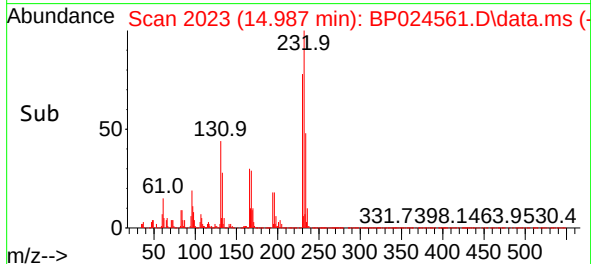
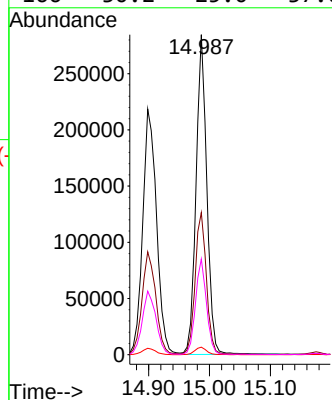
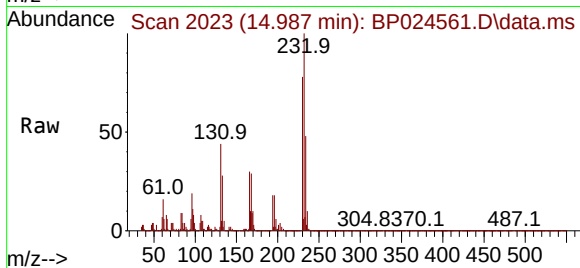




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.810 ng
RT: 14.987 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

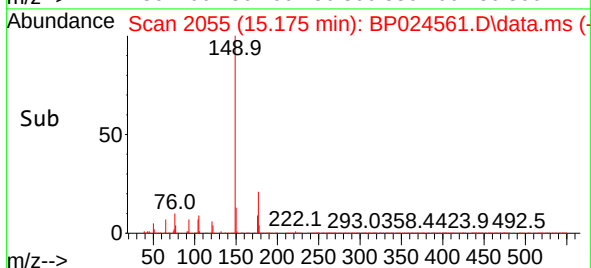
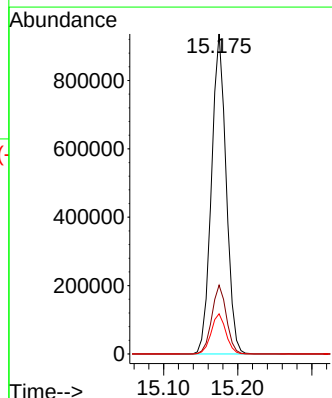
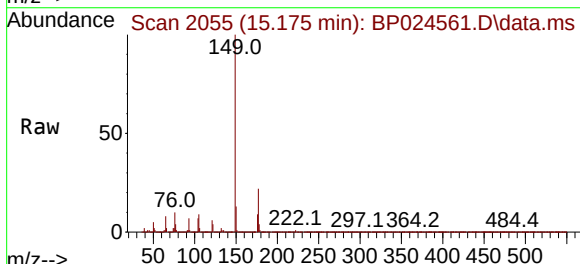
Instrument :
BNA_P
ClientSampleId :
MH-QMS

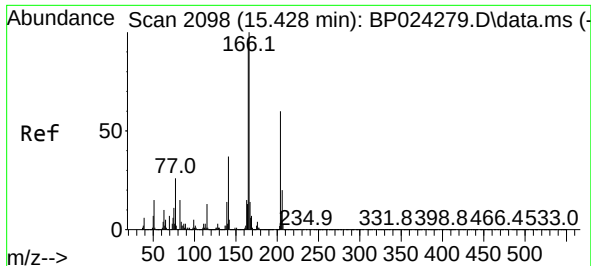
Tgt Ion:232 Resp: 349501
Ion Ratio Lower Upper
232 100
131 46.7 36.8 55.2
130 2.6 1.9 2.9
166 30.2 25.0 37.6



#60
Diethylphthalate
Concen: 46.581 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.017 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:149 Resp: 1285868
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 12.6 10.1 15.1

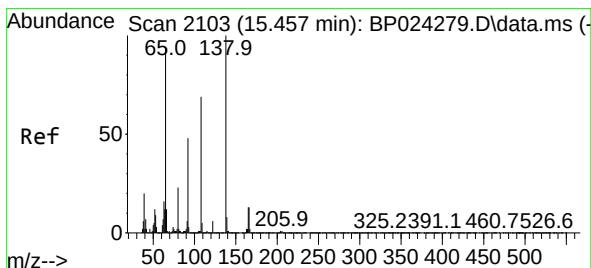
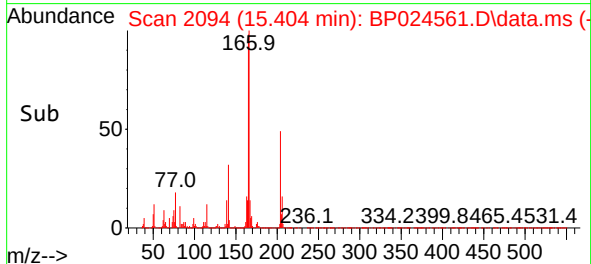
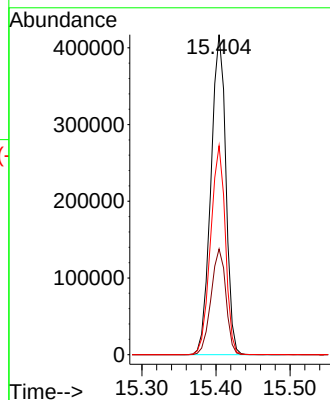
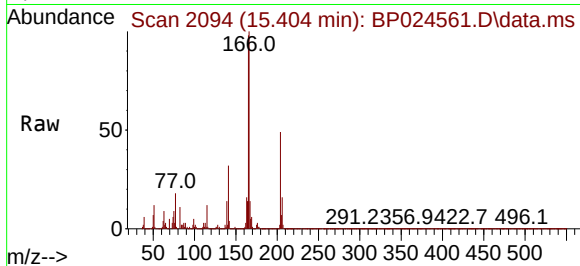




#61
4-Chlorophenyl-phenylether
Concen: 46.970 ng
RT: 15.404 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

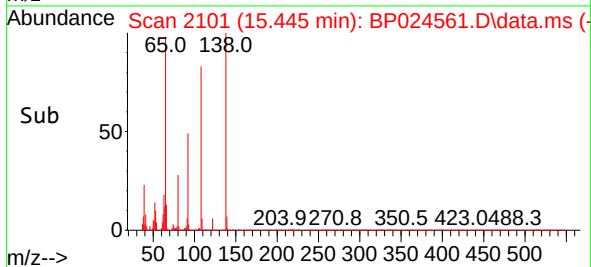
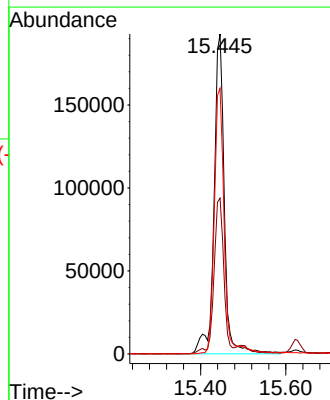
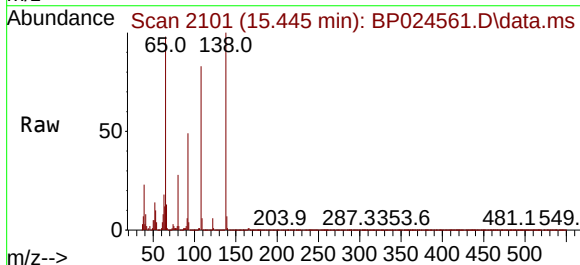
Instrument :
BNA_P
ClientSampleId :
MH-QMS

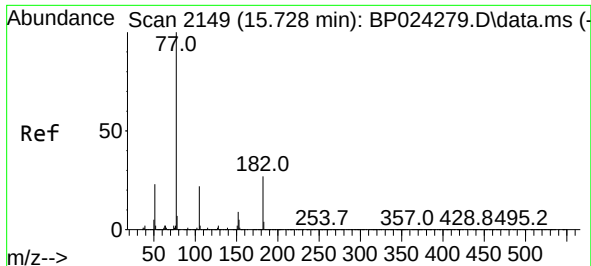
Tgt Ion:204 Resp: 582955
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 65.3 49.4 74.0



#62
4-Nitroaniline
Concen: 51.049 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:138 Resp: 323084
Ion Ratio Lower Upper
138 100
92 48.7 27.8 67.8
108 83.0 48.9 88.9



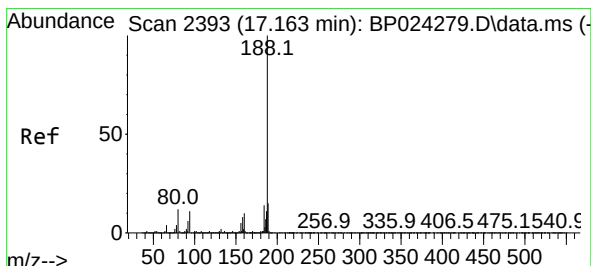
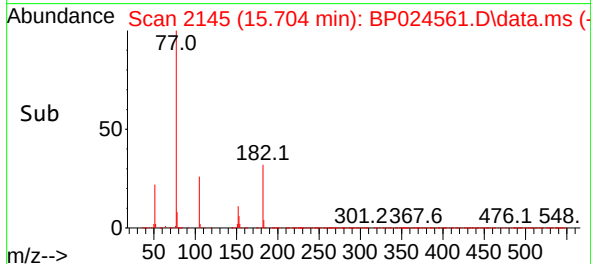
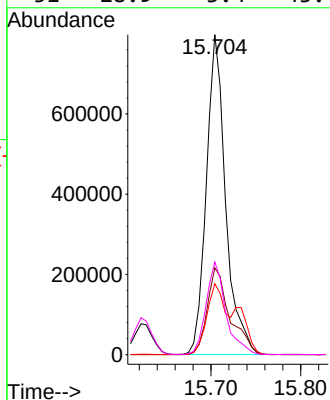
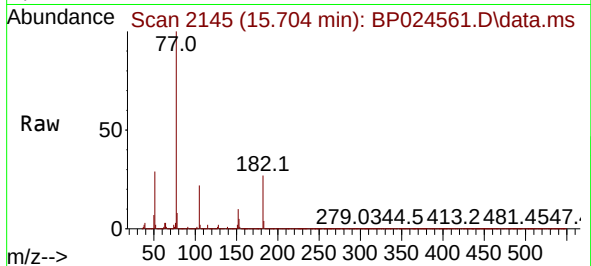


#63
Azobenzene
Concen: 46.889 ng
RT: 15.704 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Instrument :
BNA_P
ClientSampleId :
MH-QMS

Tgt Ion: 77 Resp: 1189672

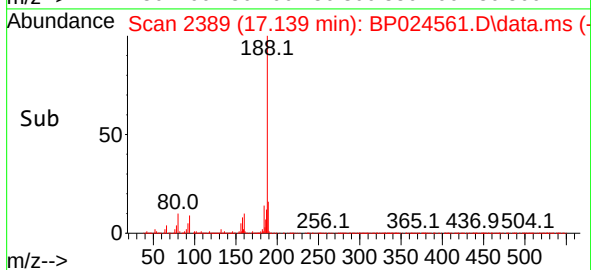
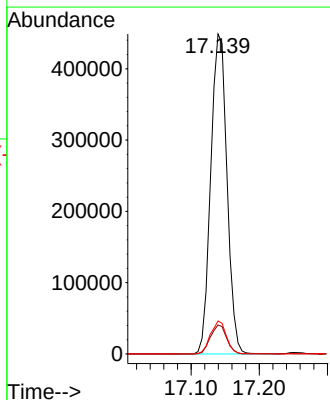
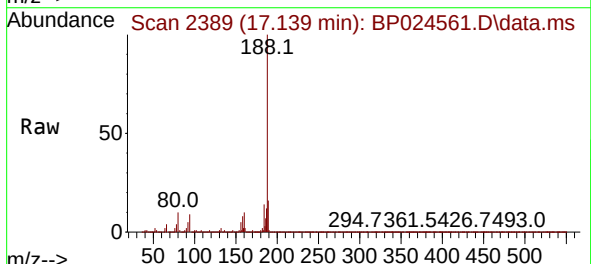
Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.3	47.3
105	22.1	2.3	42.3
51	28.9	3.4	43.4

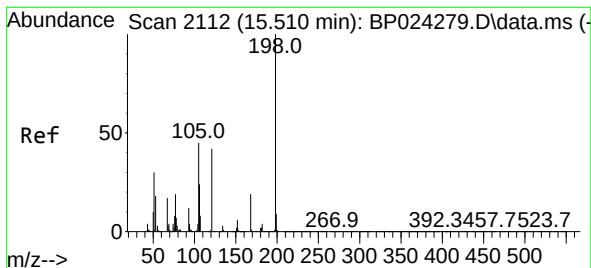


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion: 188 Resp: 744026

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.6	13.0
80	10.3	9.8	14.6

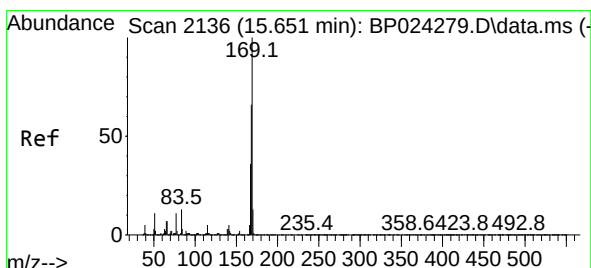
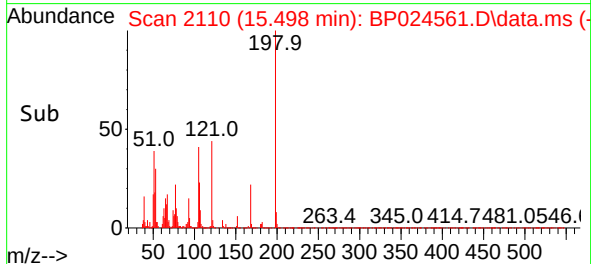
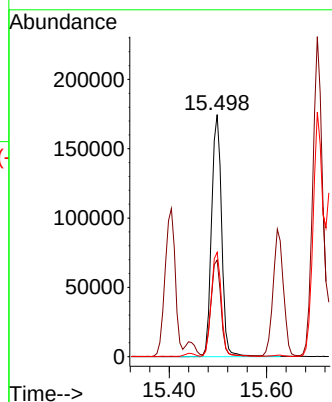
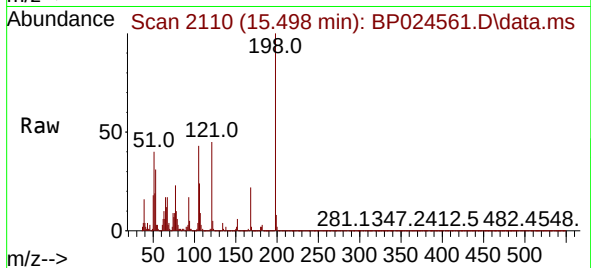




#65
4,6-Dinitro-2-methylphenol
Concen: 52.983 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

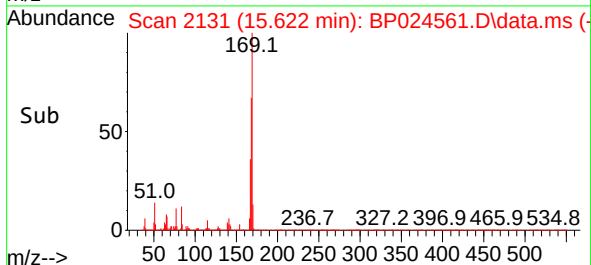
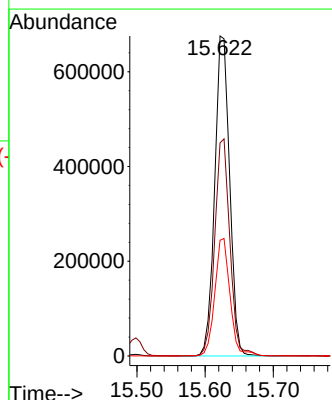
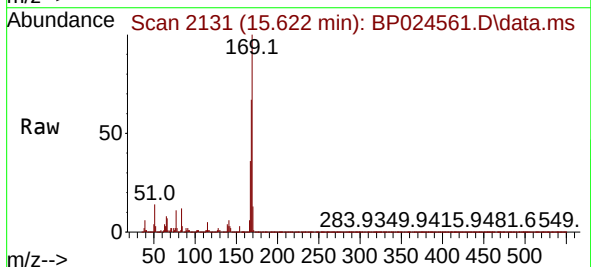
Instrument :
BNA_P
ClientSampleId :
MH-QMS

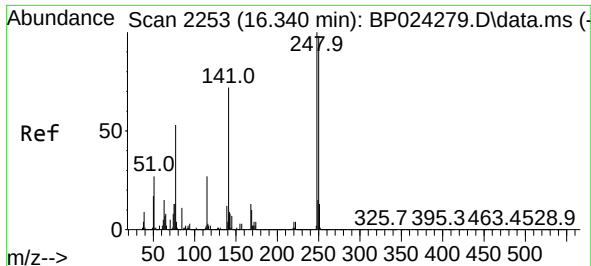
Tgt Ion:198 Resp: 248533
Ion Ratio Lower Upper
198 100
51 40.0 18.4 58.4
105 43.1 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 46.418 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:169 Resp: 1030824
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 36.2 28.9 43.3

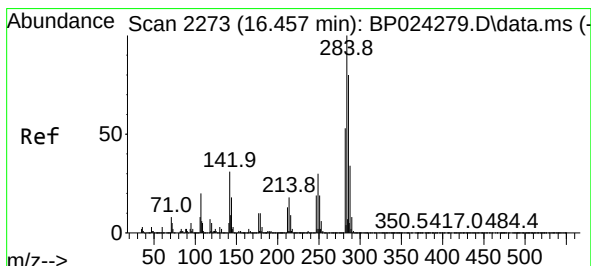
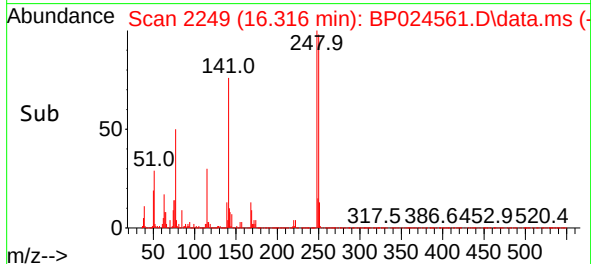
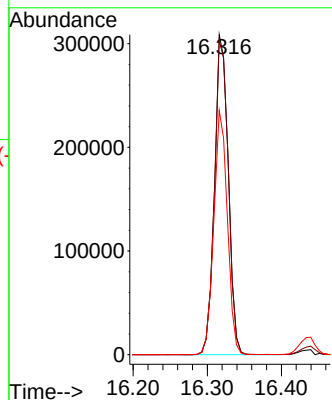
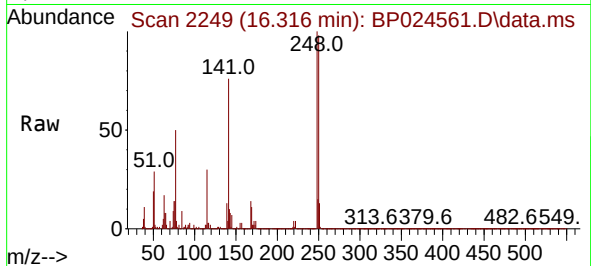




#67
4-Bromophenyl-phenylether
Concen: 49.014 ng
RT: 16.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

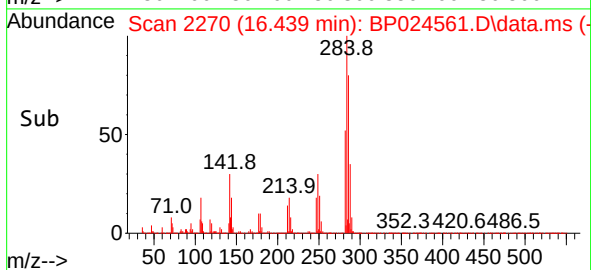
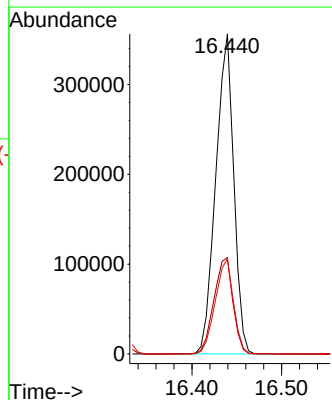
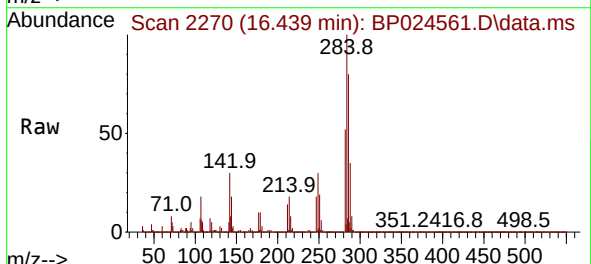
Instrument :
BNA_P
ClientSampleId :
MH-QMS

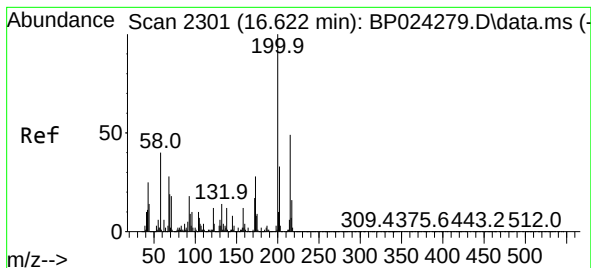
Tgt Ion:248 Resp: 398843
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.4
141 76.3 57.7 86.5



#68
Hexachlorobenzene
Concen: 51.217 ng
RT: 16.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:284 Resp: 495234
Ion Ratio Lower Upper
284 100
142 30.1 24.6 37.0
249 29.7 23.8 35.6





#69

Atrazine

Concen: 68.014 ng

RT: 16.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

Instrument :

BNA_P

ClientSampleId :

MH-QMS

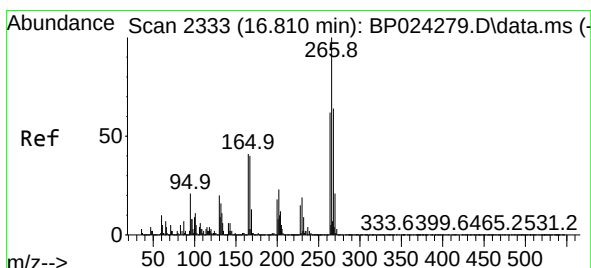
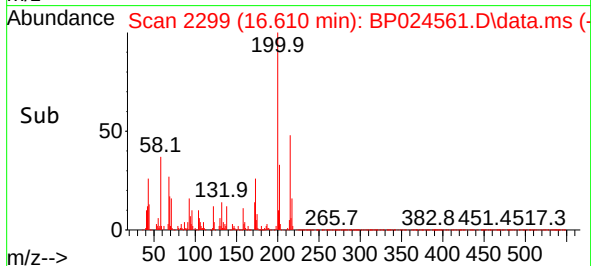
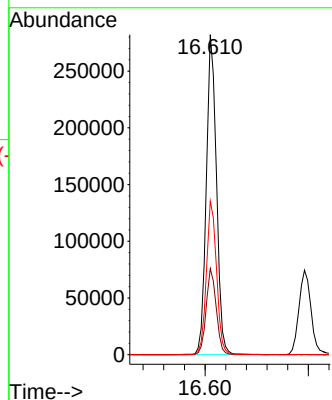
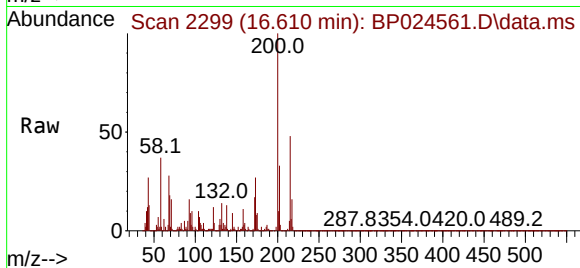
Tgt Ion:200 Resp: 384693

Ion Ratio Lower Upper

200 100

173 26.9 7.5 47.5

215 48.0 28.8 68.8



#70

Pentachlorophenol

Concen: 100.425 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

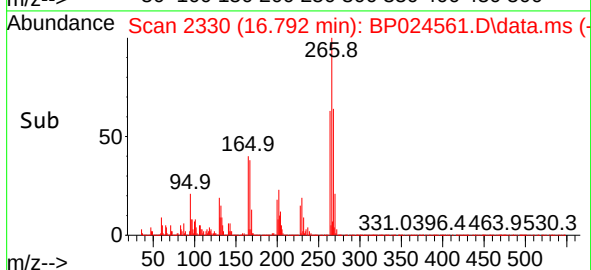
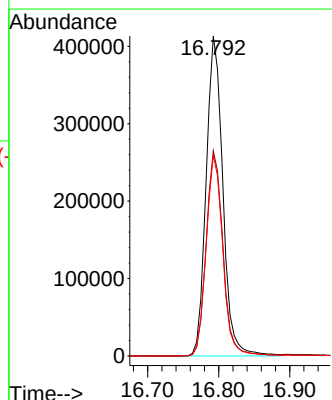
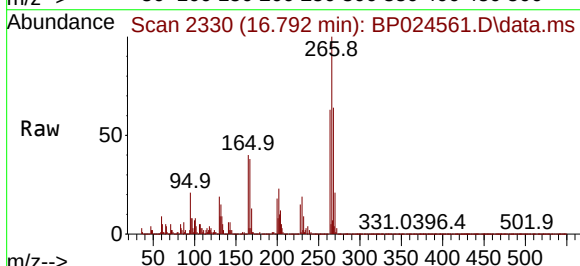
Tgt Ion:266 Resp: 677426

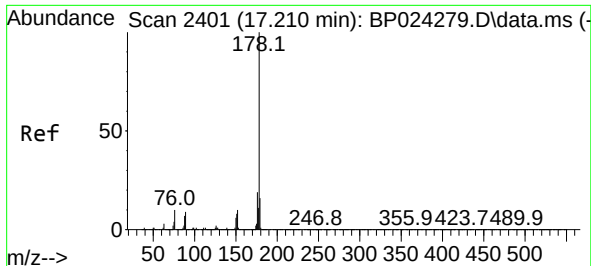
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

264 62.7 49.8 74.6

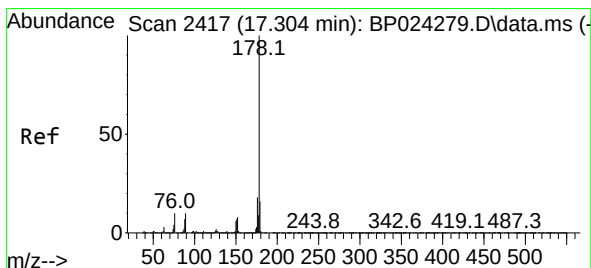
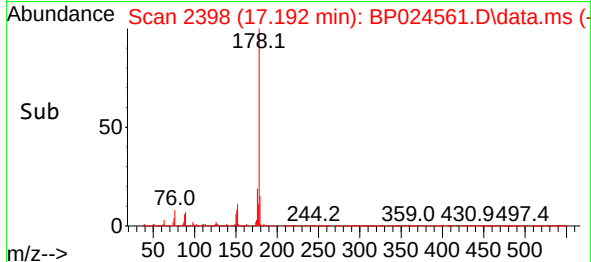
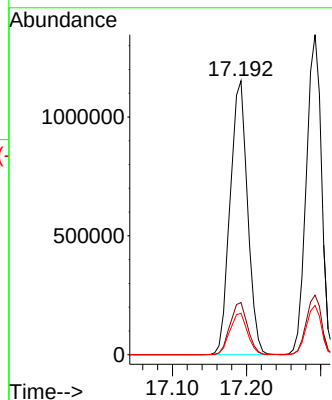
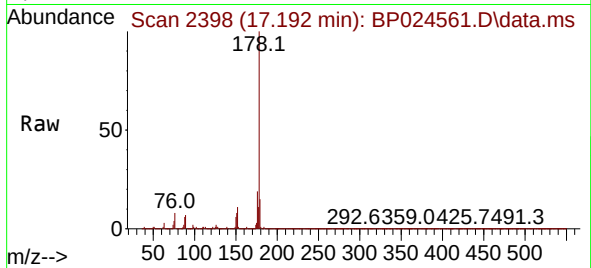




#71
Phenanthrene
Concen: 46.386 ng
RT: 17.192 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

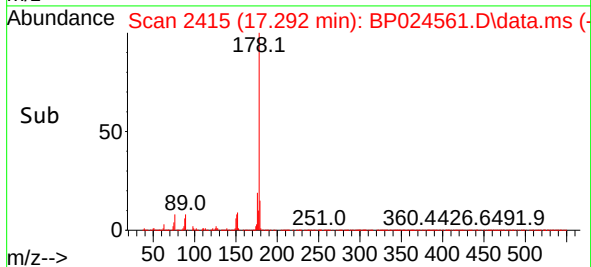
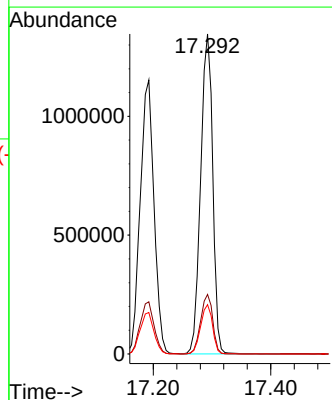
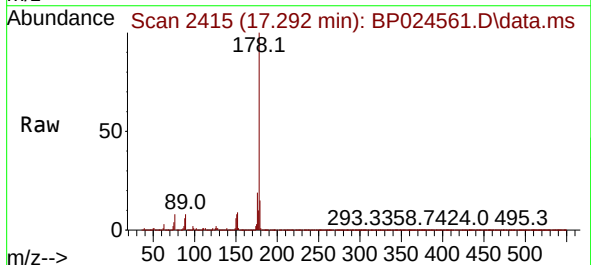
Instrument :
BNA_P
ClientSampleId :
MH-QMS

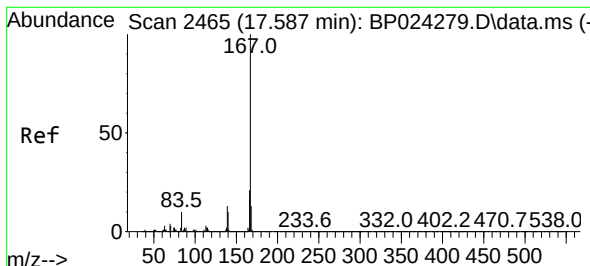
Tgt Ion:178 Resp: 1882748
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.1 12.5 18.7



#72
Anthracene
Concen: 48.993 ng
RT: 17.292 min Scan# 2415
Delta R.T. 0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:178 Resp: 1916566
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.4 12.4 18.6





#73

Carbazole

Concen: 48.369 ng

RT: 17.575 min Scan# 2465

Delta R.T. 0.006 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

Instrument :

BNA_P

ClientSampleId :

MH-QMS

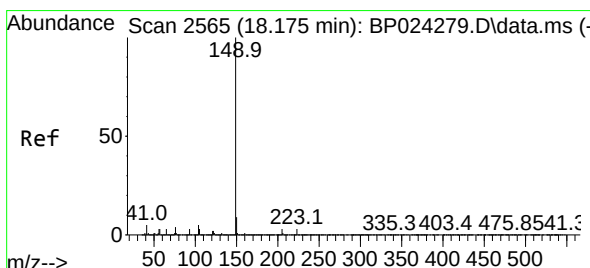
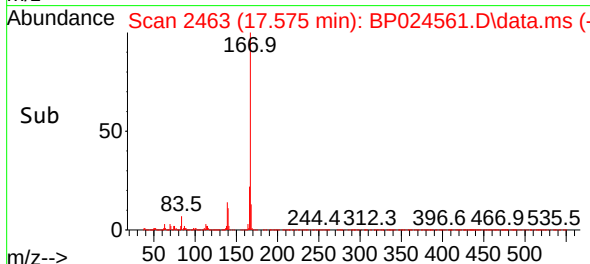
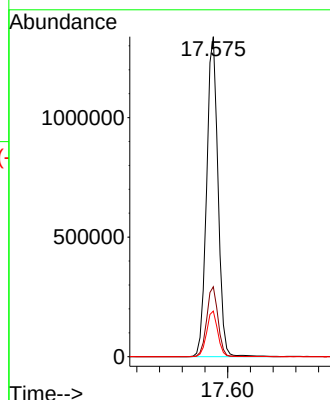
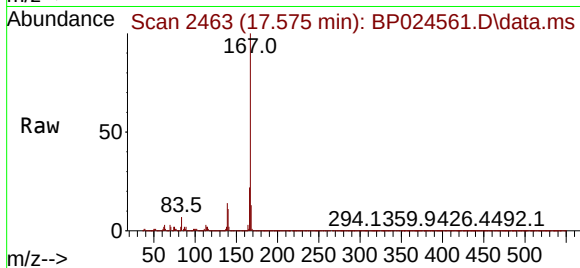
Tgt Ion:167 Resp: 1848797

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 14.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 49.933 ng

RT: 18.157 min Scan# 2562

Delta R.T. 0.000 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

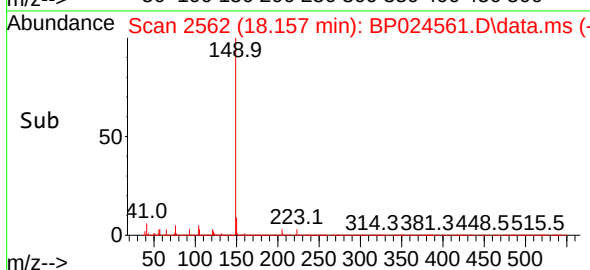
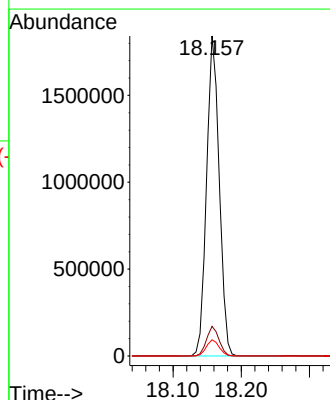
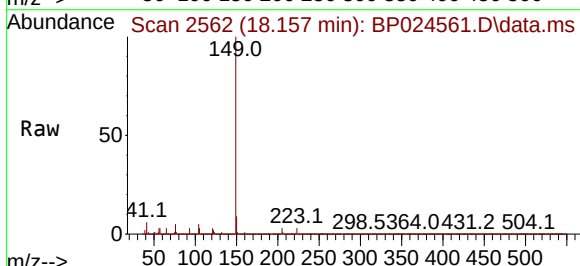
Tgt Ion:149 Resp: 2377814

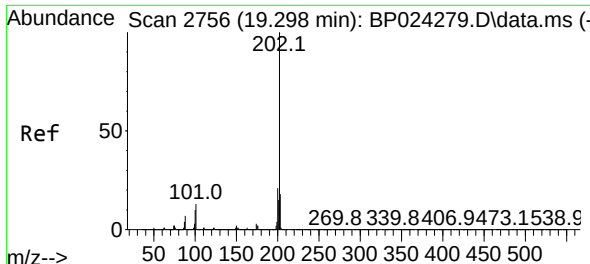
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 3.9 5.9

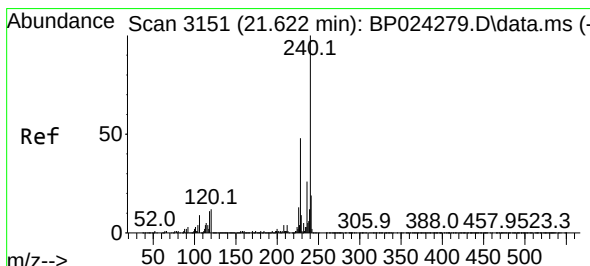
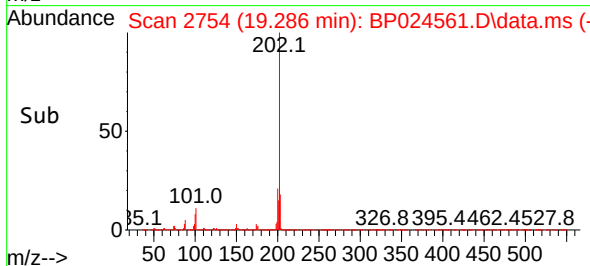
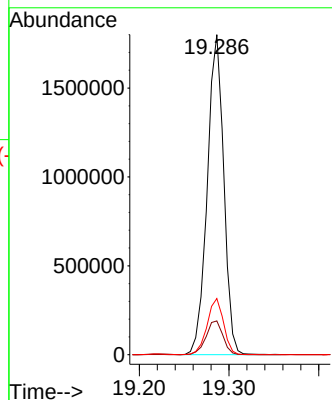
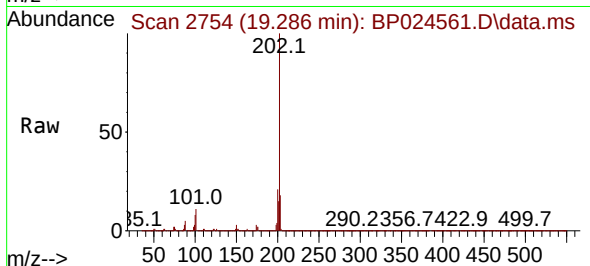




#75
Fluoranthene
Concen: 47.546 ng
RT: 19.286 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

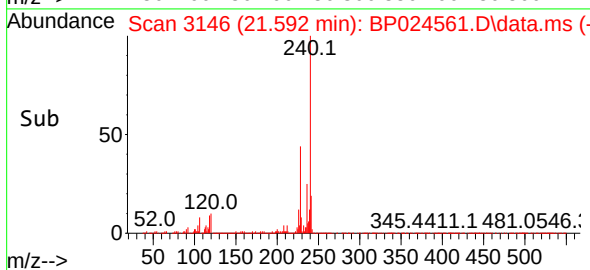
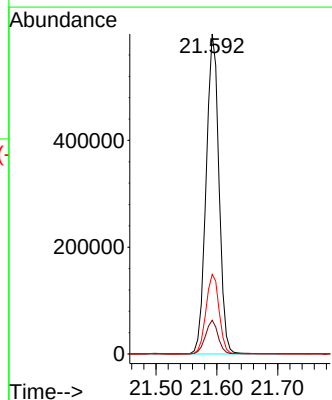
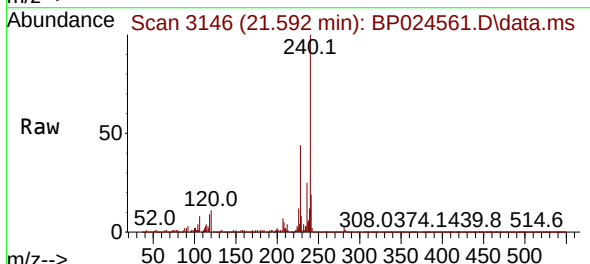
Instrument :
BNA_P
ClientSampleId :
MH-QMS

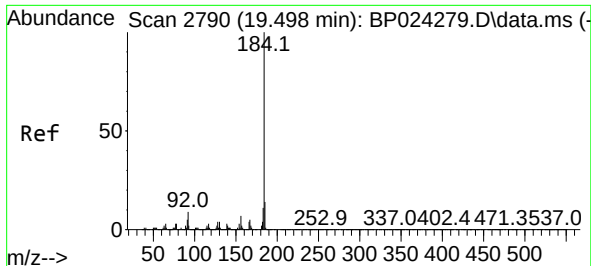
Tgt Ion:202 Resp: 2295232
Ion Ratio Lower Upper
202 100
101 10.6 0.0 33.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:240 Resp: 874999
Ion Ratio Lower Upper
240 100
120 10.5 9.8 14.8
236 24.9 20.9 31.3

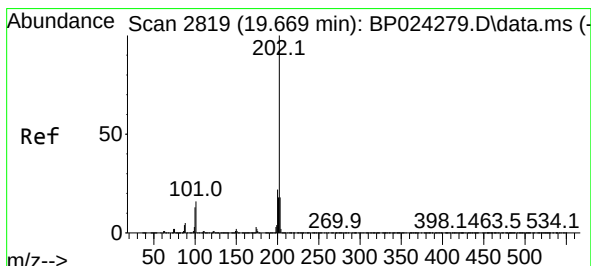
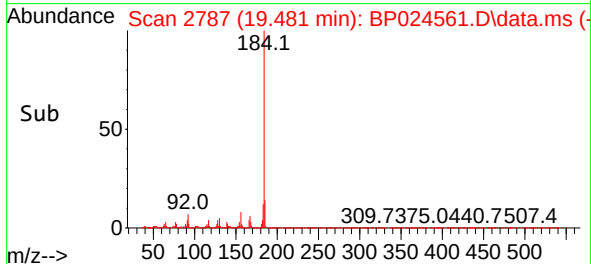
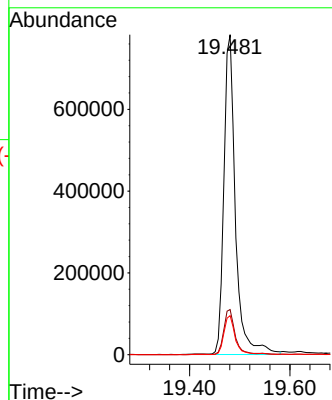
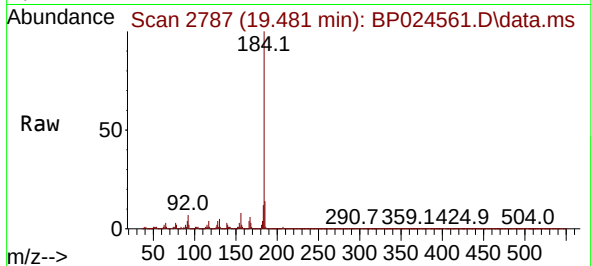




#77
Benzidine
Concen: 112.930 ng
RT: 19.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

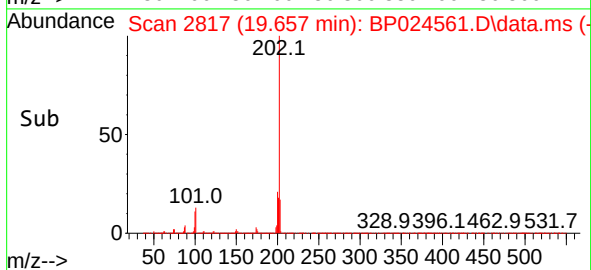
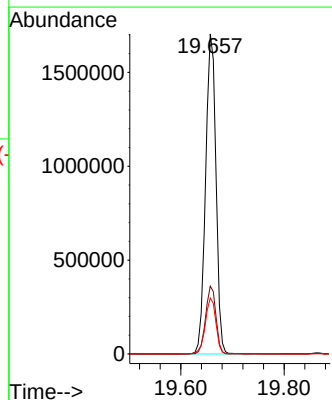
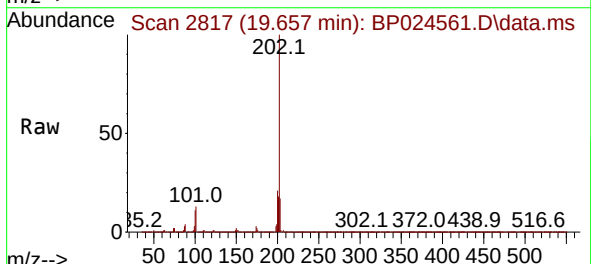
Instrument :
BNA_P
ClientSampleId :
MH-QMS

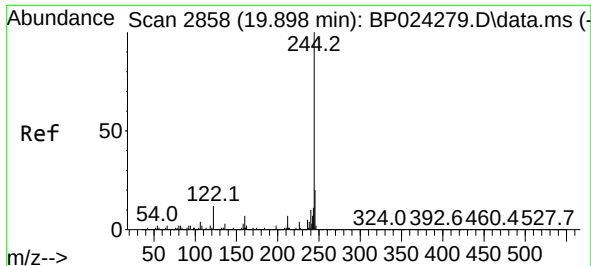
Tgt Ion:184 Resp: 1252551
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 12.2 9.2 13.8



#78
Pyrene
Concen: 42.691 ng
RT: 19.657 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:202 Resp: 2373916
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.5 14.4 21.6

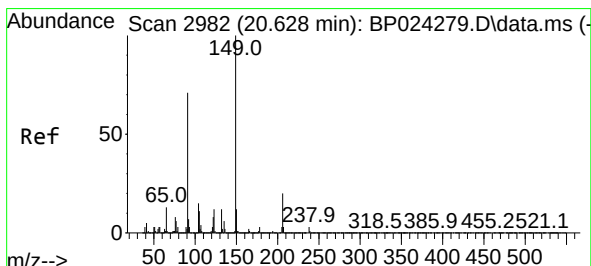
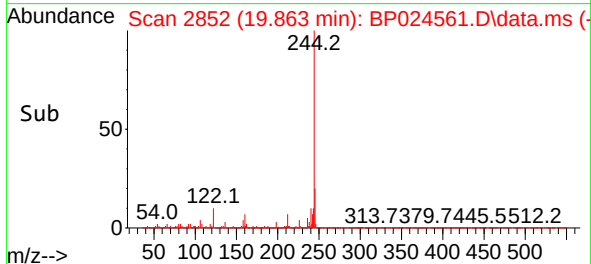
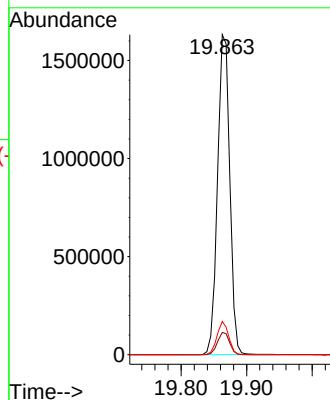
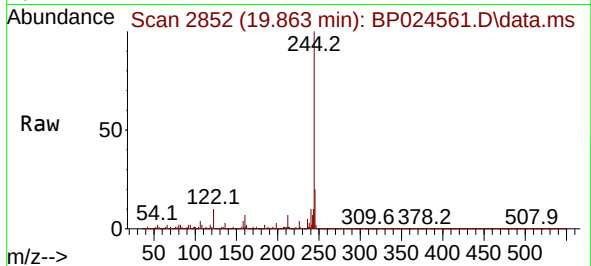




#79
 Terphenyl-d14
 Concen: 48.415 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024561.D
 Acq: 07 May 2025 12:56

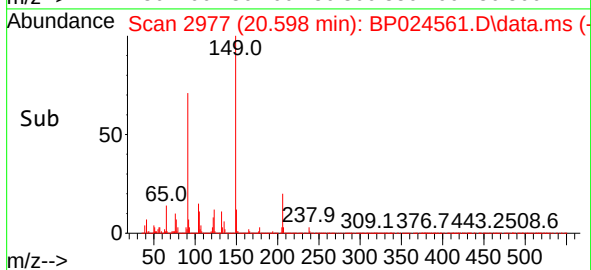
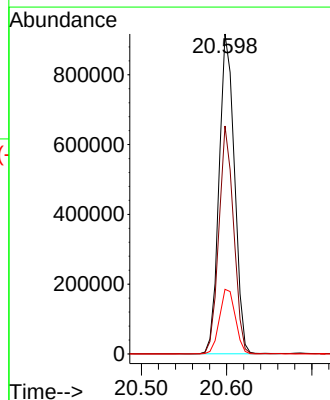
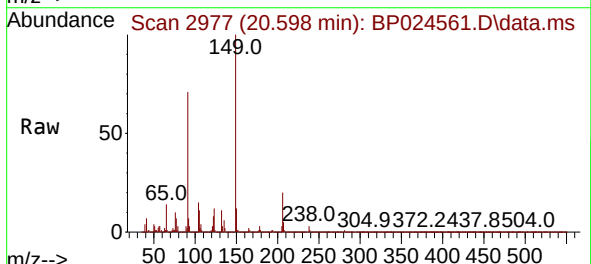
Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

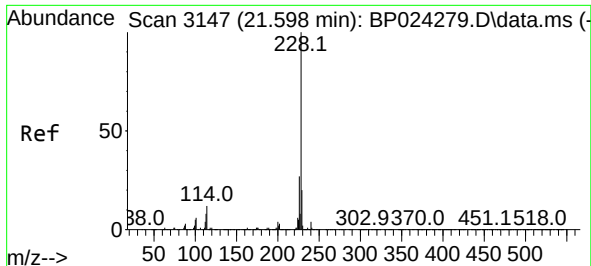
Tgt Ion:244 Resp: 2101735
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.3 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 48.278 ng
 RT: 20.598 min Scan# 2977
 Delta R.T. -0.006 min
 Lab File: BP024561.D
 Acq: 07 May 2025 12:56

Tgt Ion:149 Resp: 1149884
 Ion Ratio Lower Upper
 149 100
 91 71.2 56.4 84.6
 206 20.2 16.3 24.5

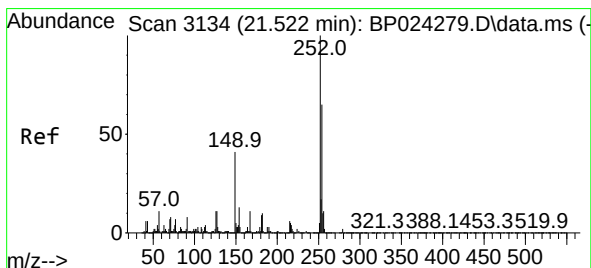
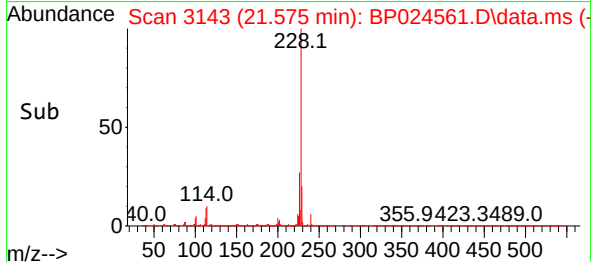
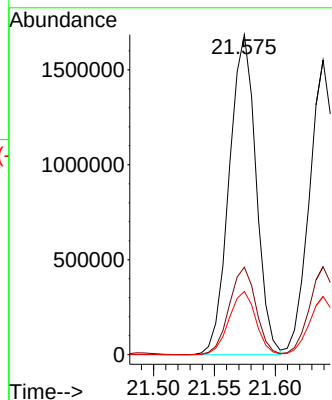
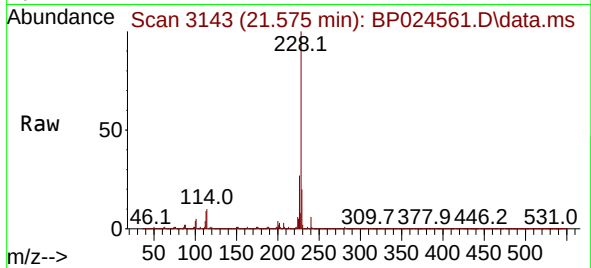




#81
Benzo(a)anthracene
Concen: 47.410 ng
RT: 21.575 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

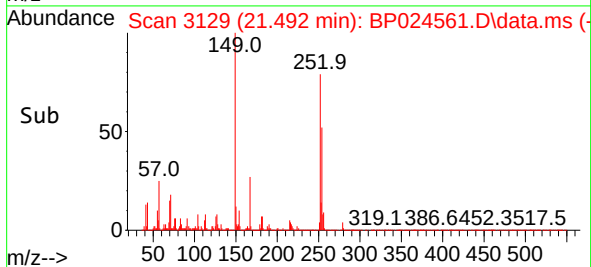
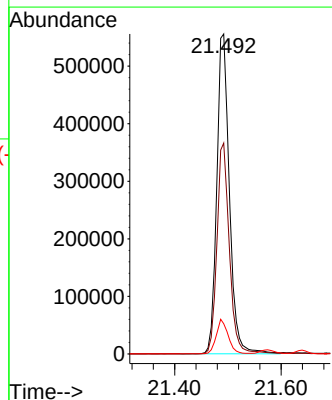
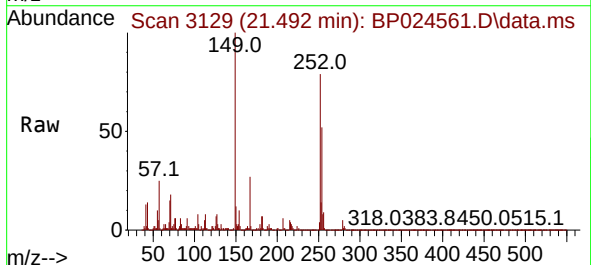
Instrument :
BNA_P
ClientSampleId :
MH-QMS

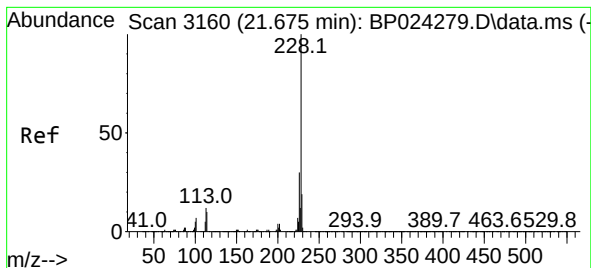
Tgt Ion:228 Resp: 2578474
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 47.983 ng
RT: 21.492 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:252 Resp: 915952
Ion Ratio Lower Upper
252 100
254 65.9 51.7 77.5
126 9.5 8.8 13.2





#83

Chrysene

Concen: 45.294 ng

RT: 21.639 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

Instrument :

BNA_P

ClientSampleId :

MH-QMS

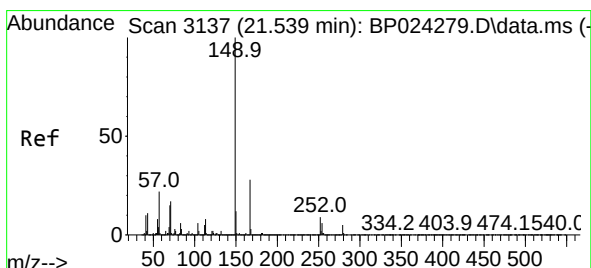
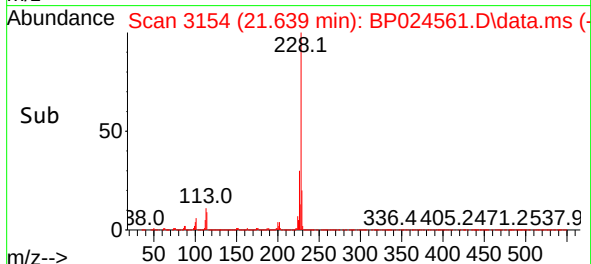
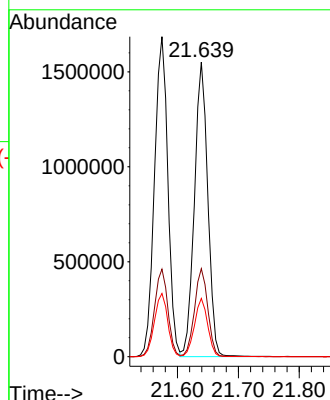
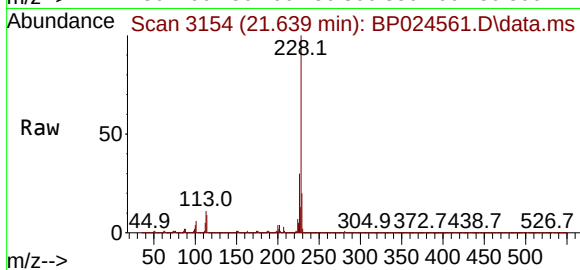
Tgt Ion:228 Resp: 2360029

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.366 ng

RT: 21.504 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

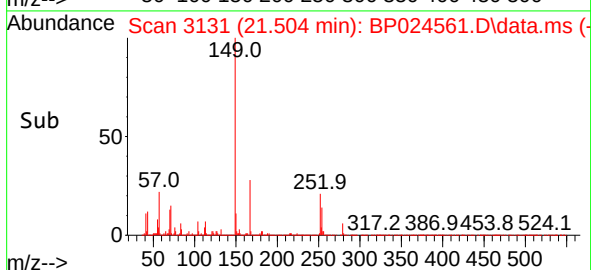
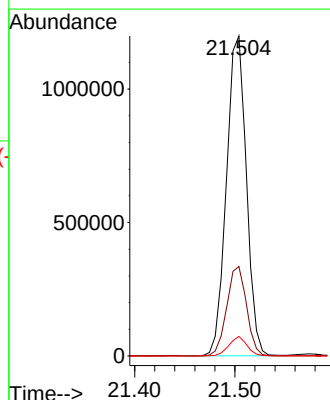
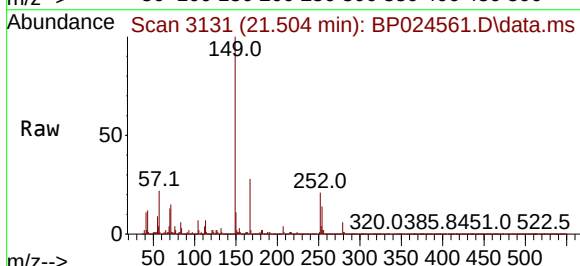
Tgt Ion:149 Resp: 1653841

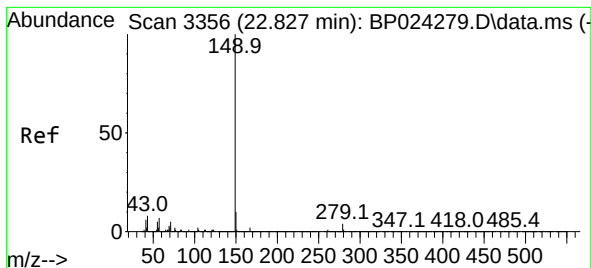
Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

279 6.1 4.0 6.0#





#85

Di-n-octyl phthalate

Concen: 50.185 ng

RT: 22.774 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

Instrument :

BNA_P

ClientSampleId :

MH-QMS

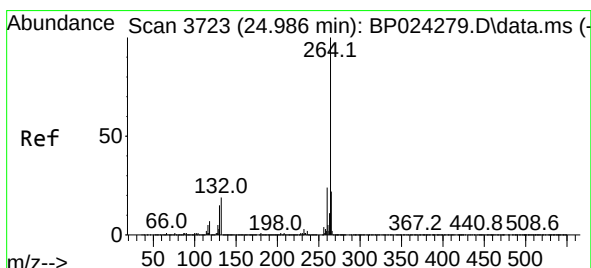
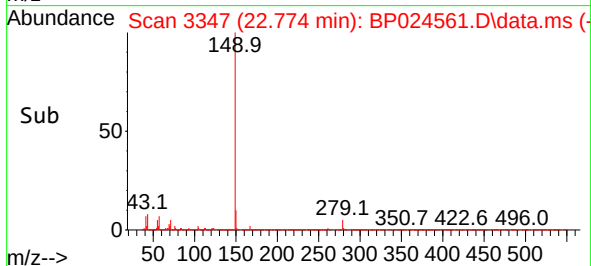
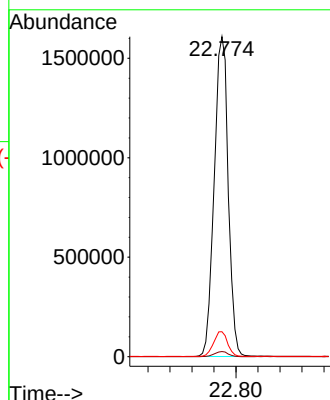
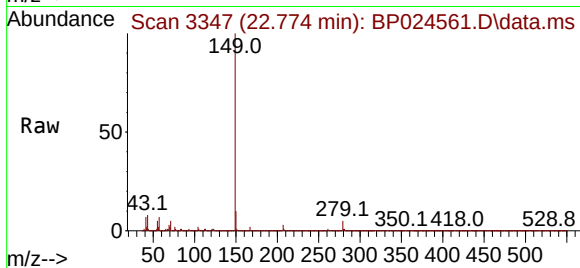
Tgt Ion:149 Resp: 2848693

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.8 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.916 min Scan# 3711

Delta R.T. -0.018 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

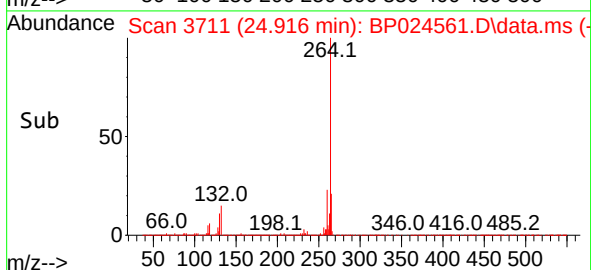
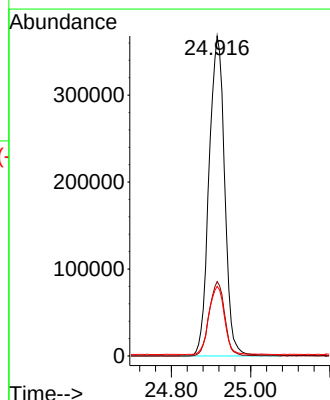
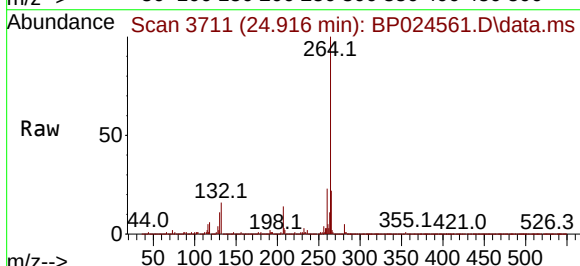
Tgt Ion:264 Resp: 1004964

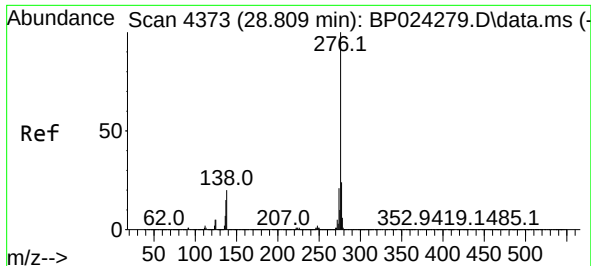
Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.8 17.8 26.6

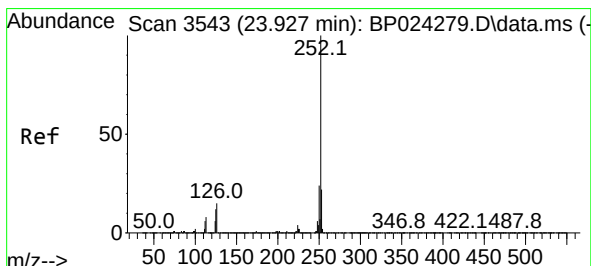
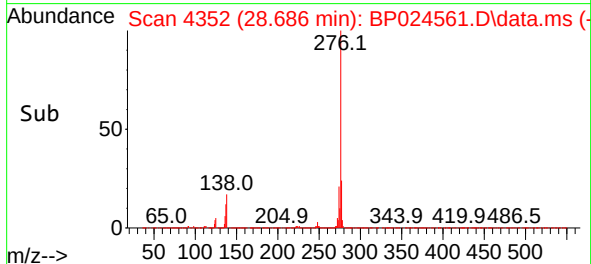
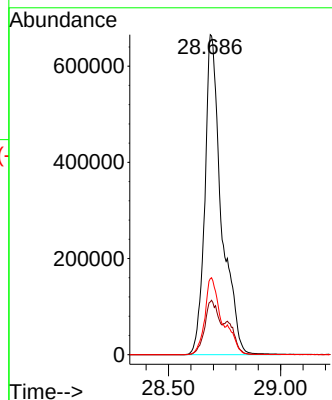
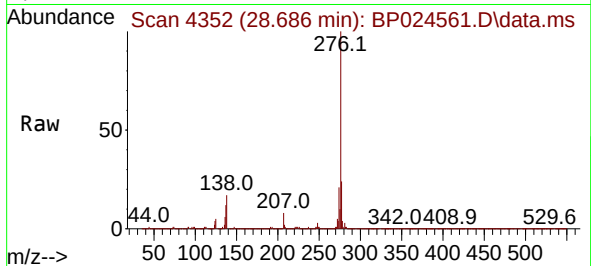




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.152 ng
RT: 28.686 min Scan# 41
Delta R.T. -0.053 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

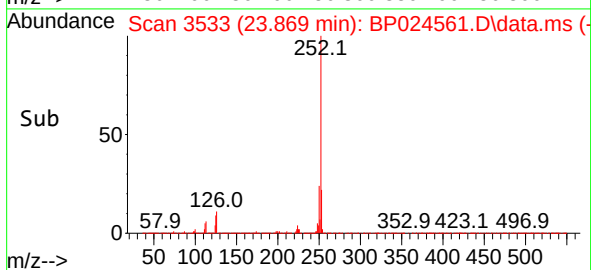
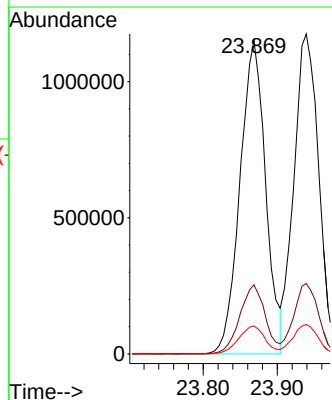
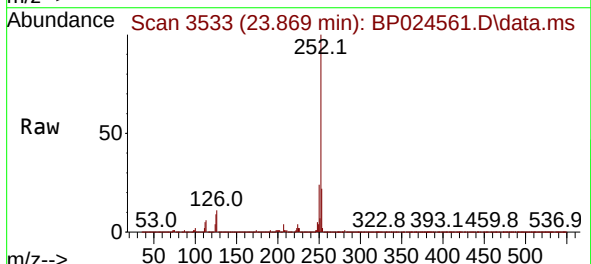
Instrument :
BNA_P
ClientSampleId :
MH-QMS

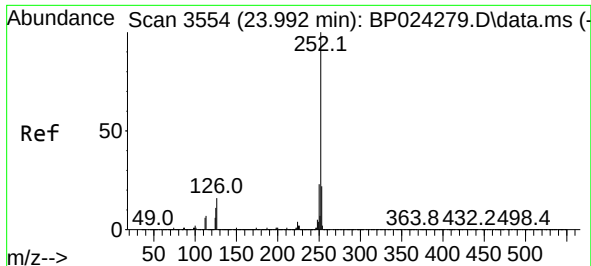
Tgt Ion:276 Resp: 3429290
Ion Ratio Lower Upper
276 100
138 14.5 14.5 21.7
277 21.1 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 45.881 ng
RT: 23.869 min Scan# 3533
Delta R.T. -0.017 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:252 Resp: 2763803
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.9 9.4 14.0#

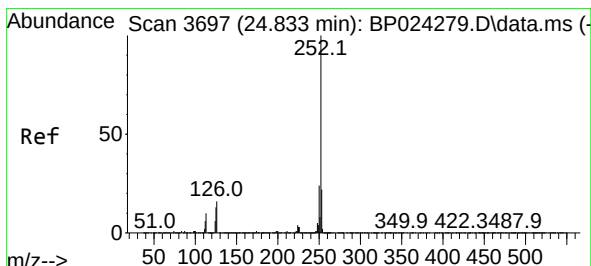
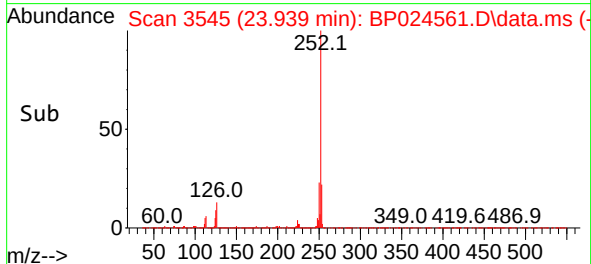
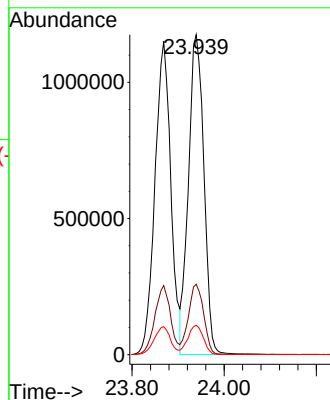
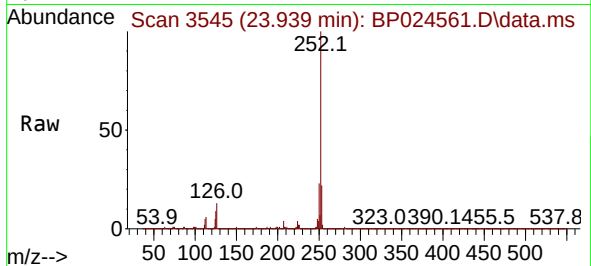




#89
Benzo(k)fluoranthene
Concen: 46.842 ng
RT: 23.939 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

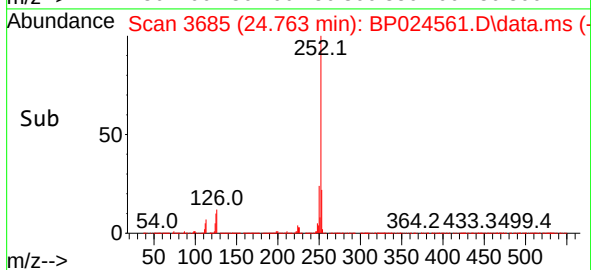
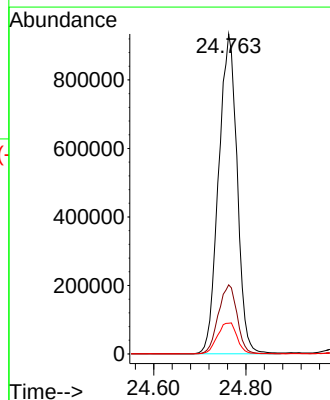
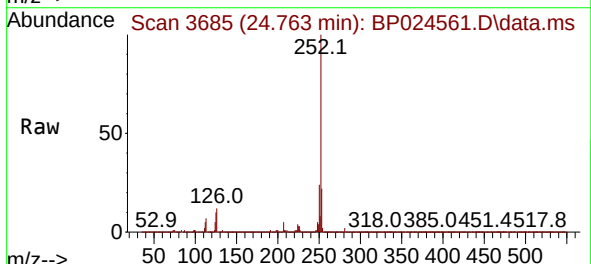
Instrument :
BNA_P
ClientSampleId :
MH-QMS

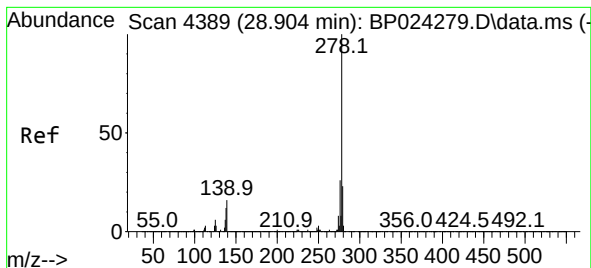
Tgt Ion:252 Resp: 2725565
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 49.979 ng
RT: 24.763 min Scan# 3685
Delta R.T. -0.018 min
Lab File: BP024561.D
Acq: 07 May 2025 12:56

Tgt Ion:252 Resp: 2596972
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 9.6 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 48.327 ng

RT: 28.762 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

Instrument :

BNA_P

ClientSampleId :

MH-QMS

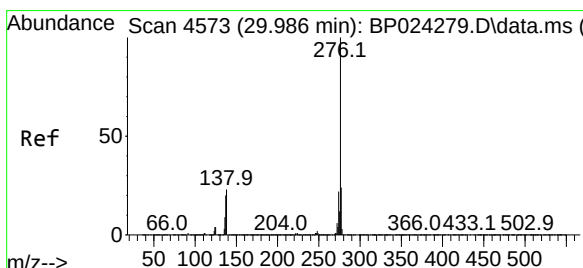
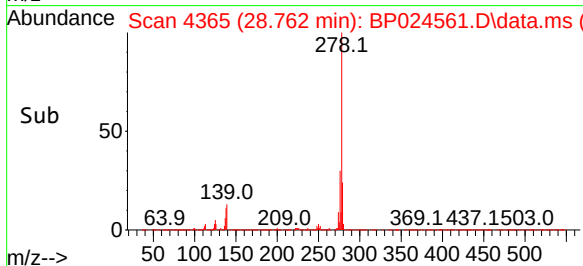
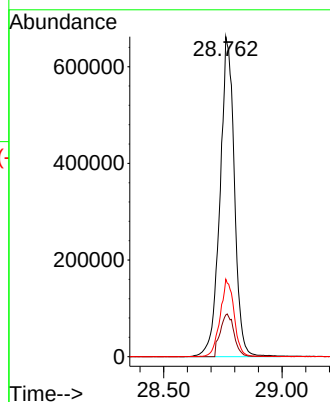
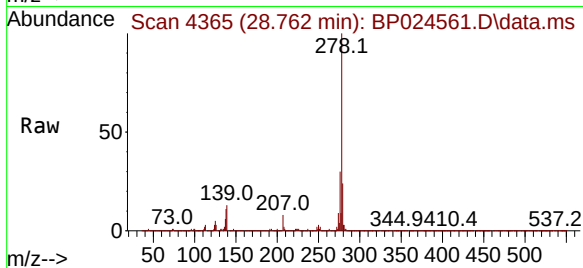
Tgt Ion:278 Resp: 2798649

Ion Ratio Lower Upper

278 100

139 13.0 12.6 19.0

279 24.2 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 46.090 ng

RT: 29.886 min Scan# 4556

Delta R.T. -0.012 min

Lab File: BP024561.D

Acq: 07 May 2025 12:56

Tgt Ion:276 Resp: 2716757

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 18.0 18.7 28.1#

