

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
 Data File : BP024562.D
 Acq On : 07 May 2025 13:37
 Operator : RC/JU
 Sample : Q1928-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-QMSD

Quant Time: May 07 13:56:53 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	7.704	152	157526	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	621901	20.000	ng	#-0.02
39) Acenaphthene-d10	14.333	164	393833	20.000	ng	-0.02
64) Phenanthrene-d10	17.127	188	771993	20.000	ng	-0.02
76) Chrysene-d12	21.574	240	874555	20.000	ng	-0.02
86) Perylene-d12	24.898	264	1014332	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	677249	71.087	ng	-0.02
7) Phenol-d6	6.898	99	871840	66.832	ng	-0.01
23) Nitrobenzene-d5	8.851	82	549495	50.382	ng	-0.02
42) 2,4,6-Tribromophenol	15.845	330	460187	84.455	ng	-0.02
45) 2-Fluorobiphenyl	12.939	172	1153910	44.861	ng	-0.02
79) Terphenyl-d14	19.851	244	2088015	48.124	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	165396	41.044	ng	# 95
3) Pyridine	3.663	79	408865	38.424	ng	90
4) n-Nitrosodimethylamine	3.575	42	179044	50.699	ng	76
6) Aniline	7.046	93	585378	50.217	ng	97
8) 2-Chlorophenol	7.281	128	495585	46.591	ng	99
9) Benzaldehyde	6.857	77	189188	29.318	ng	99
10) Phenol	6.922	94	588264	44.953	ng	92
11) bis(2-Chloroethyl)ether	7.134	93	444733	42.180	ng	99
12) 1,3-Dichlorobenzene	7.598	146	523654	45.728	ng	99
13) 1,4-Dichlorobenzene	7.740	146	528640	45.499	ng	99
14) 1,2-Dichlorobenzene	8.051	146	507460	45.231	ng	98
15) Benzyl Alcohol	7.951	79	404407	47.936	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	485289	42.581	ng	99
17) 2-Methylphenol	8.151	107	401726	47.454	ng	96
18) Hexachloroethane	8.769	117	198270	47.219	ng	97
19) n-Nitroso-di-n-propyla...	8.504	70	327062	40.525	ng	94
20) 3+4-Methylphenols	8.475	107	544513	46.356	ng	97
22) Acetophenone	8.522	105	688833	44.751	ng	# 97
24) Nitrobenzene	8.893	77	497758	46.134	ng	99
25) Isophorone	9.416	82	911870	46.191	ng	98
26) 2-Nitrophenol	9.598	139	263592	49.923	ng	95
27) 2,4-Dimethylphenol	9.663	122	445892	67.257	ng	98
28) bis(2-Chloroethoxy)met...	9.887	93	564064	42.296	ng	99
29) 2,4-Dichlorophenol	10.139	162	449535	49.730	ng	99
30) 1,2,4-Trichlorobenzene	10.334	180	460154	47.511	ng	98
31) Naphthalene	10.528	128	1438310	43.905	ng	99
32) Benzoic acid	9.828	122	327410	42.383	ng	99
33) 4-Chloroaniline	10.639	127	561129	48.639	ng	98
34) Hexachlorobutadiene	10.804	225	289590	50.883	ng	99
35) Caprolactam	11.445	113	157545	47.234	ng	95
36) 4-Chloro-3-methylphenol	11.781	107	513563	48.776	ng	100
37) 2-Methylnaphthalene	12.134	142	905522	39.857	ng	96
38) 1-Methylnaphthalene	12.357	142	966108	43.468	ng	99
40) 1,2,4,5-Tetrachloroben...	12.510	216	509449	47.038	ng	99
41) Hexachlorocyclopentadiene	12.486	237	696869	181.929	ng	99
43) 2,4,6-Trichlorophenol	12.757	196	365420	50.748	ng	98

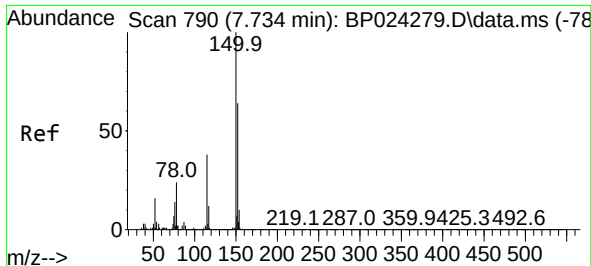
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 QLast Update : Fri Apr 18 12:04:48 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	401238	50.319	ng	99
46) 1,1'-Biphenyl	13.151	154	1292677	44.654	ng	99
47) 2-Chloronaphthalene	13.198	162	996212	46.044	ng	99
48) 2-Nitroaniline	13.410	65	313307	51.624	ng	96
49) Acenaphthylene	14.051	152	1660892	48.758	ng	99
50) Dimethylphthalate	13.792	163	1320326	46.100	ng	100
51) 2,6-Dinitrotoluene	13.910	165	291084	47.862	ng	92
52) Acenaphthene	14.398	154	945952	43.803	ng	99
53) 3-Nitroaniline	14.251	138	306831	48.003	ng	100
54) 2,4-Dinitrophenol	14.463	184	395229	110.325	ng	92
55) Dibenzofuran	14.739	168	1527310	43.267	ng	96
56) 4-Nitrophenol	14.592	139	542331	98.241	ng	93
57) 2,4-Dinitrotoluene	14.716	165	428851	51.693	ng	96
58) Fluorene	15.398	166	1236303	45.242	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	353479	48.064	ng	99
60) Diethylphthalate	15.175	149	1346542	45.623	ng	99
61) 4-Chlorophenyl-phenyle...	15.392	204	604756	45.574	ng	98
62) 4-Nitroaniline	15.427	138	324042	47.888	ng	85
63) Azobenzene	15.686	77	1257263	46.347	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	247587	50.869	ng	96
66) n-Nitrosodiphenylamine	15.616	169	1091788	47.382	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	414138	49.050	ng	100
68) Hexachlorobenzene	16.416	284	514146	51.247	ng	99
69) Atrazine	16.592	200	392473	66.876	ng	99
70) Pentachlorophenol	16.780	266	691833	98.845	ng	100
71) Phenanthrene	17.174	178	1921721	45.631	ng	100
72) Anthracene	17.269	178	1969025	48.511	ng	99
73) Carbazole	17.551	167	1882845	47.475	ng	99
74) Di-n-butylphthalate	18.133	149	2397286	48.518	ng	99
75) Fluoranthene	19.263	202	2339401	46.706	ng	97
77) Benzidine	19.463	184	1220239	110.073	ng	99
78) Pyrene	19.639	202	2431140	43.742	ng	100
80) Butylbenzylphthalate	20.586	149	1160705	48.757	ng	98
81) Benzo(a)anthracene	21.557	228	2582660	47.511	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	938740	49.202	ng	99
83) Chrysene	21.621	228	2383597	45.769	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1688963	48.397	ng	99
85) Di-n-octyl phthalate	22.762	149	2955365	52.091	ng	100
87) Indeno(1,2,3-cd)pyrene	28.674	276	3592229	51.012	ng	96
88) Benzo(b)fluoranthene	23.921	252	2769797	45.556	ng	98
89) Benzo(k)fluoranthene	23.921	252	2769797	47.162	ng	98
90) Benzo(a)pyrene	24.745	252	2696702	51.419	ng	98
91) Dibenzo(a,h)anthracene	28.750	278	2965315	50.732	ng	97
92) Benzo(g,h,i)perylene	29.856	276	2865086	48.158	ng #	95

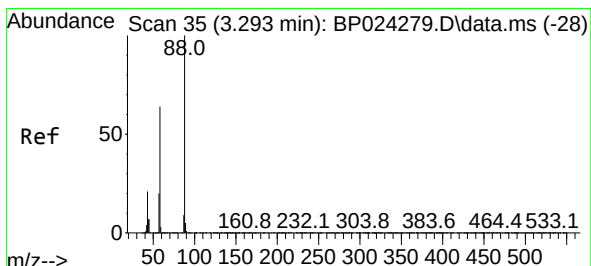
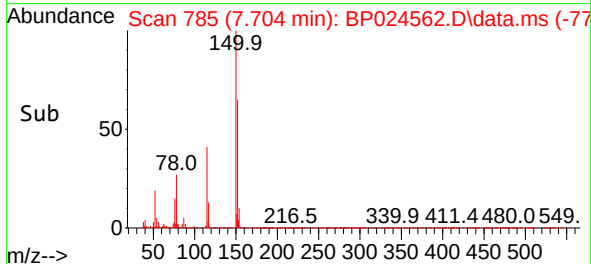
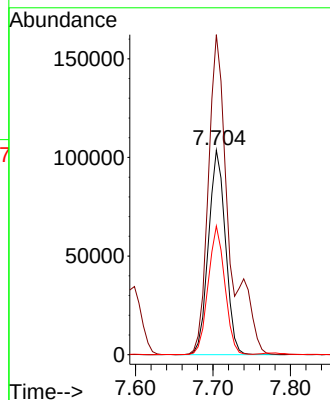
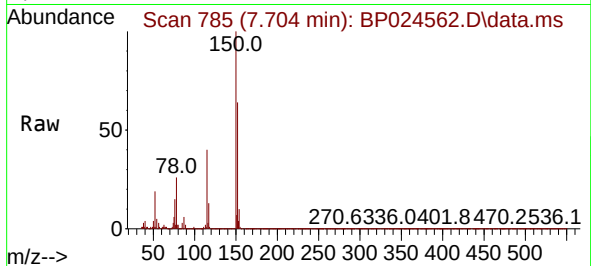
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.704 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: BP024562.D
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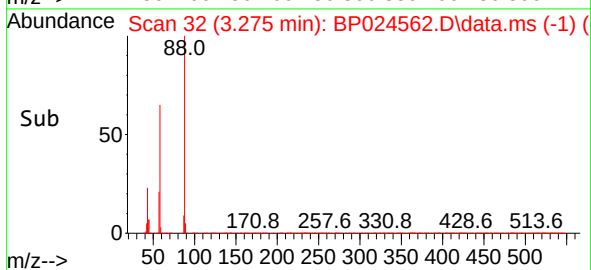
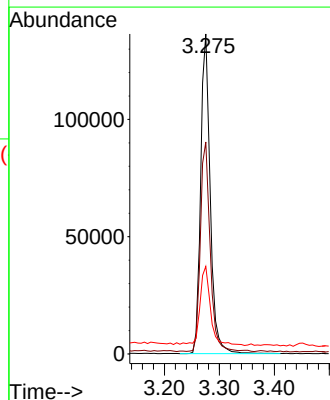
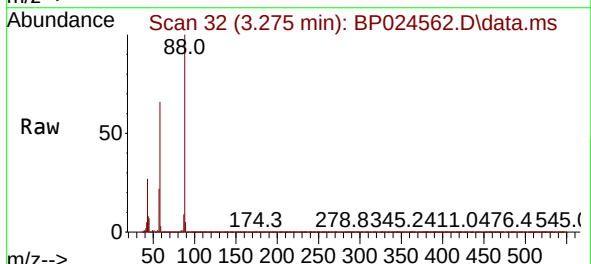
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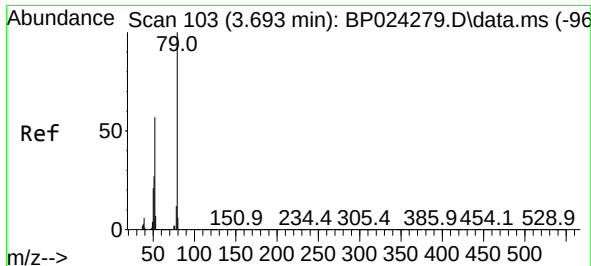
Tgt Ion:152 Resp: 157526
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.9 187.3
 115 62.9 47.7 71.5



#2
 1,4-Dioxane
 Concen: 41.044 ng
 RT: 3.275 min Scan# 32
 Delta R.T. -0.012 min
 Lab File: BP024562.D
 Acq: 07 May 2025 13:37

Tgt Ion: 88 Resp: 165396
 Ion Ratio Lower Upper
 88 100
 58 66.5 51.4 77.2
 43 26.9 17.1 25.7#

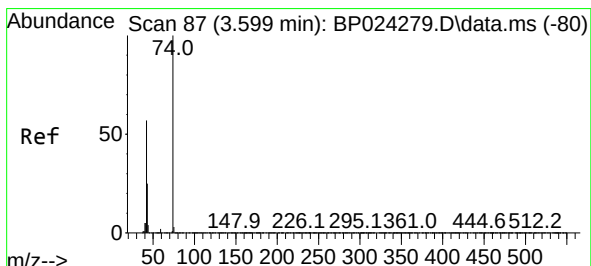
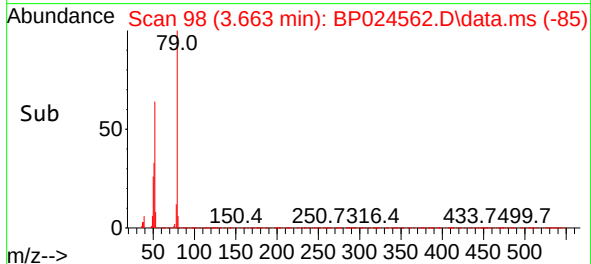
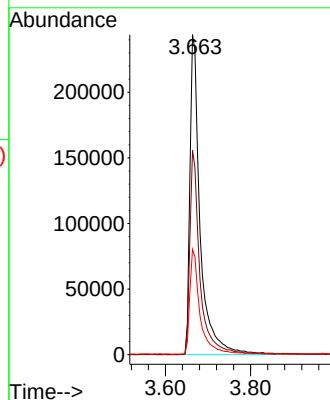
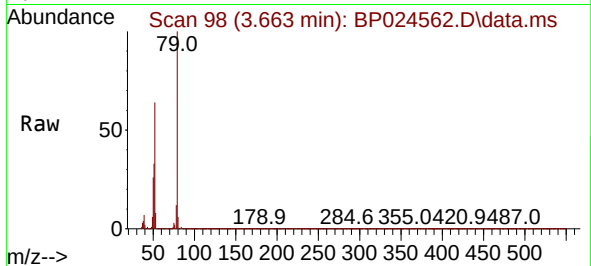




#3
Pyridine
Concen: 38.424 ng
RT: 3.663 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

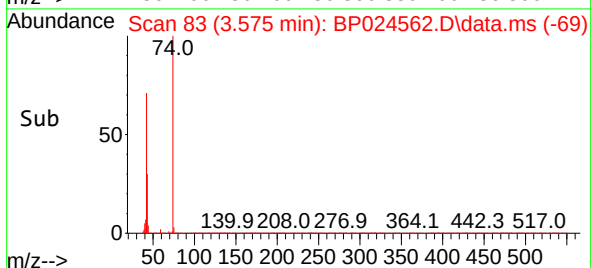
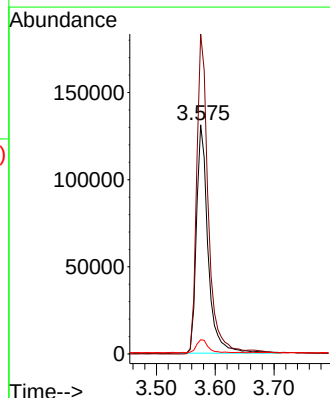
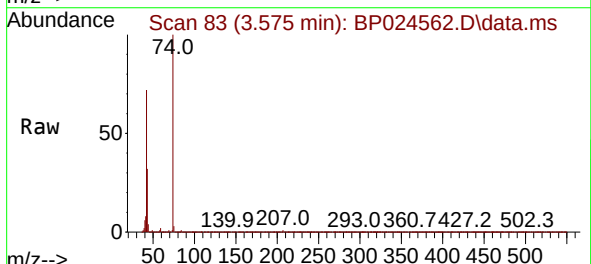
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BNA_P
ClientSampleId :
MH-QMSD

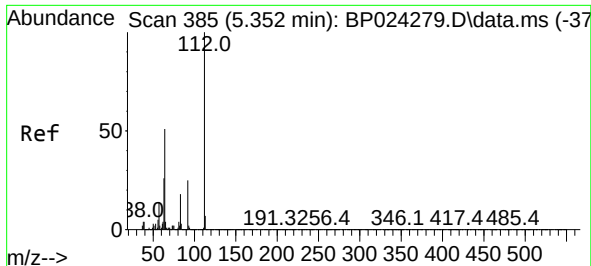
Tgt Ion: 79 Resp: 408865
Ion Ratio Lower Upper
79 100
52 64.0 45.4 68.2
51 33.0 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 50.699 ng
RT: 3.575 min Scan# 83
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion: 42 Resp: 179044
Ion Ratio Lower Upper
42 100
74 139.7 139.5 209.3
44 6.2 5.8 8.8

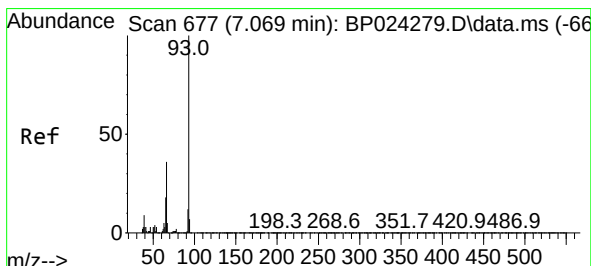
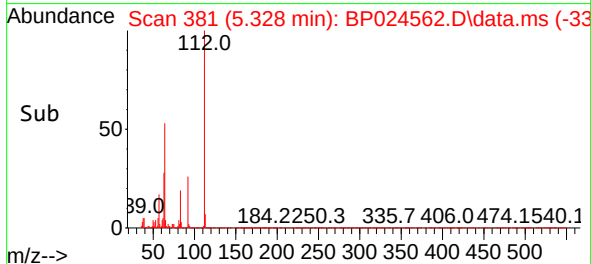
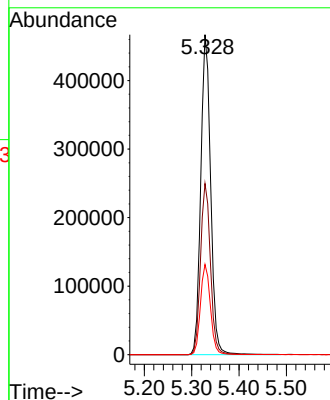
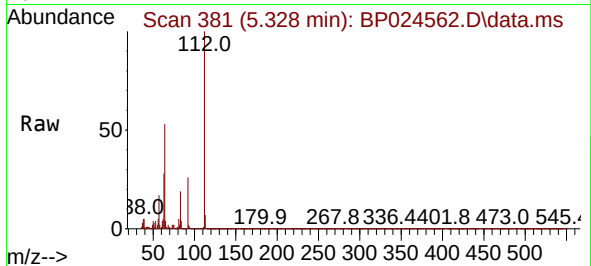




#5
2-Fluorophenol
Concen: 71.087 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

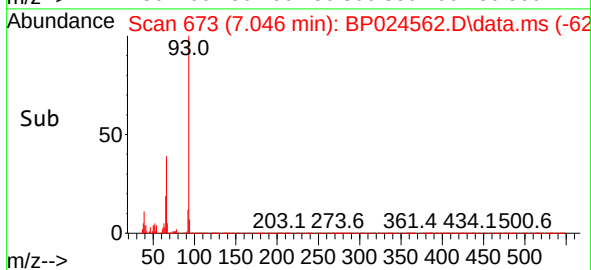
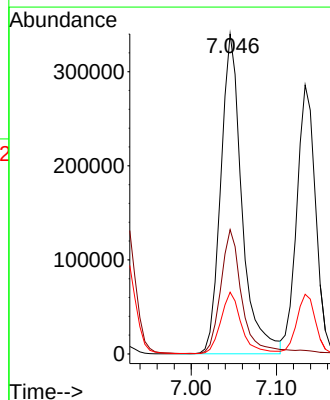
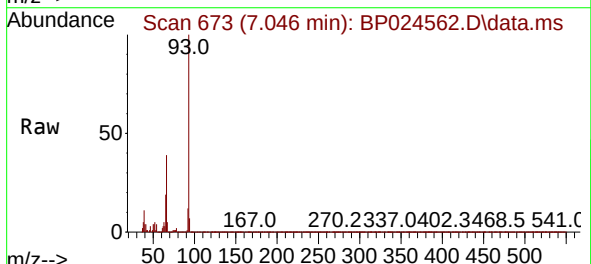
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ClientSampleId :
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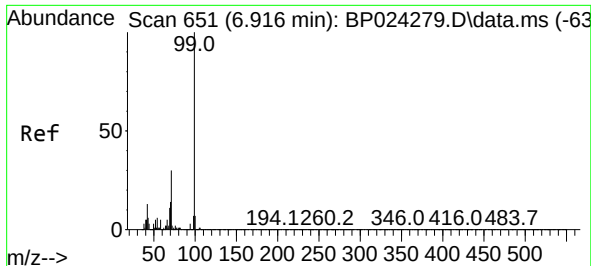
Tgt Ion:112 Resp: 677249
Ion Ratio Lower Upper
112 100
64 53.5 41.1 61.7
63 28.2 20.6 30.8



#6
Aniline
Concen: 50.217 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion: 93 Resp: 585378
Ion Ratio Lower Upper
93 100
66 38.9 29.1 43.7
65 19.3 14.7 22.1





#7

Phenol-d6

Concen: 66.832 ng

RT: 6.898 min Scan# 64

Delta R.T. -0.012 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

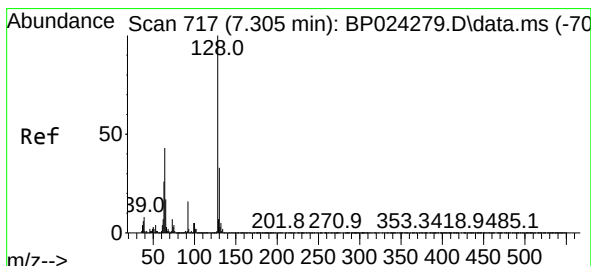
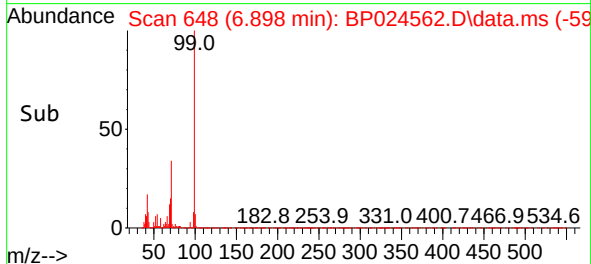
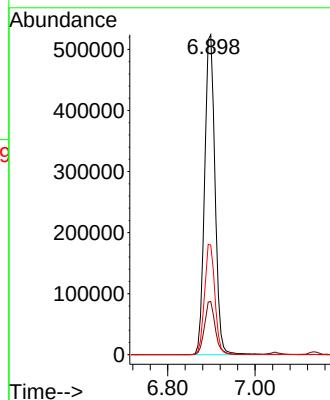
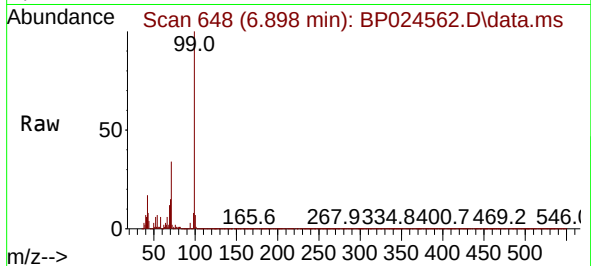
Tgt Ion: 99 Resp: 871840

Ion Ratio Lower Upper

99 100

42 16.6 10.6 16.0#

71 34.3 23.7 35.5



#8

2-Chlorophenol

Concen: 46.591 ng

RT: 7.281 min Scan# 713

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

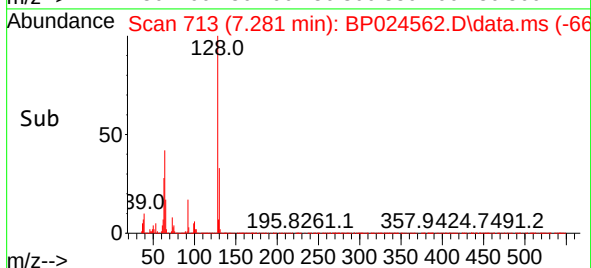
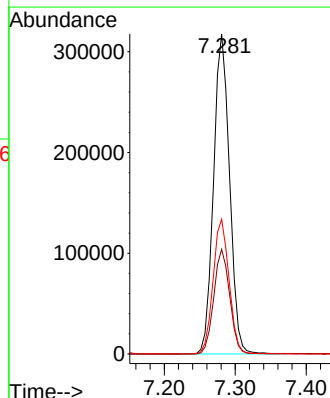
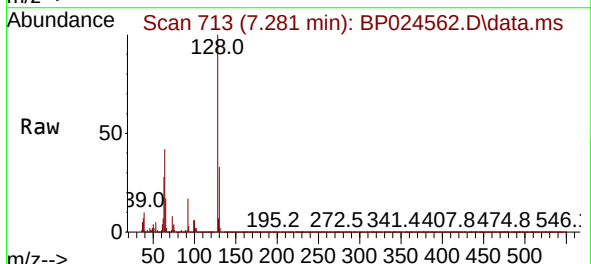
Tgt Ion:128 Resp: 495585

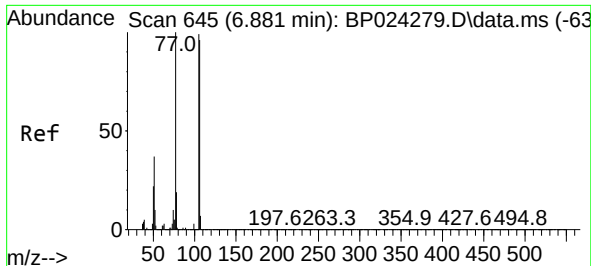
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 42.1 22.7 62.7

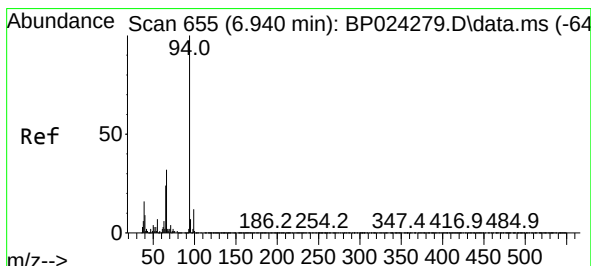
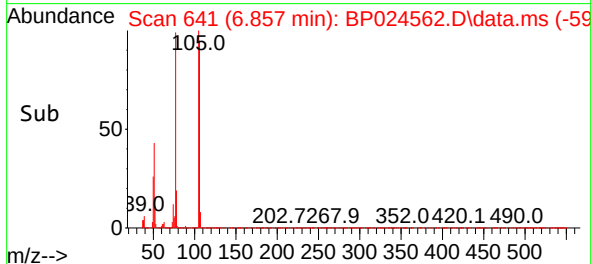
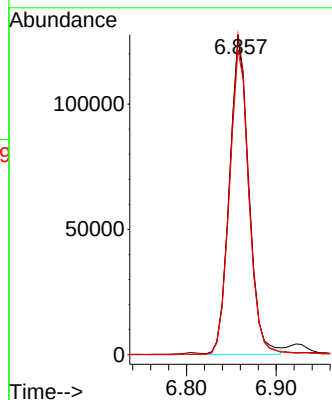
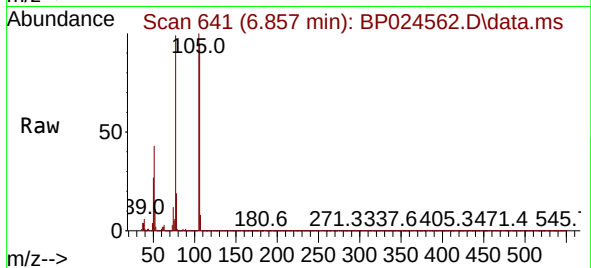




#9
Benzaldehyde
Concen: 29.318 ng
RT: 6.857 min Scan# 641
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

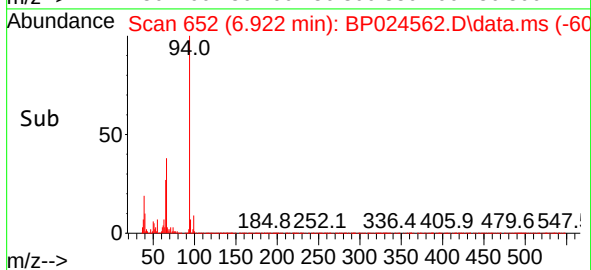
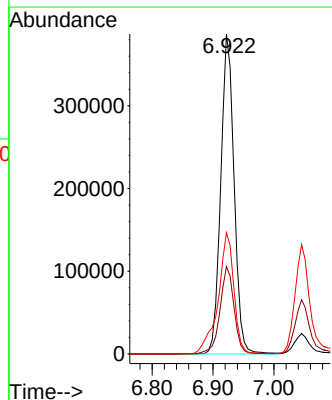
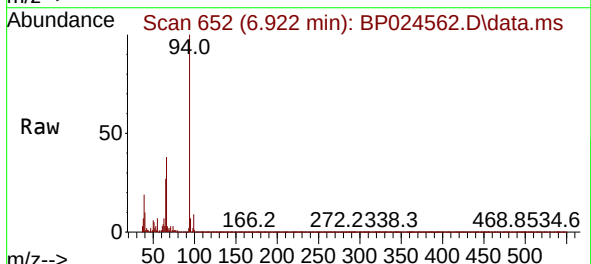
Instrument :
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ClientSampleId :
MH-QMSD

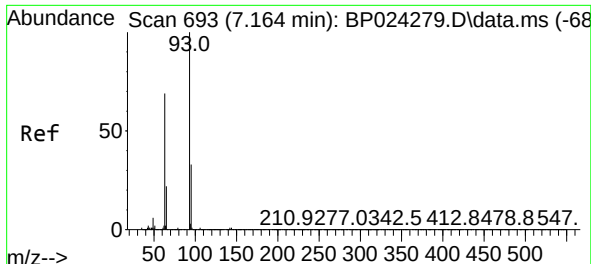
Tgt Ion: 77 Resp: 189188
Ion Ratio Lower Upper
77 100
105 100.8 79.2 119.2
106 96.0 76.2 116.2



#10
Phenol
Concen: 44.953 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion: 94 Resp: 588264
Ion Ratio Lower Upper
94 100
65 27.3 4.5 44.5
66 37.9 12.4 52.4

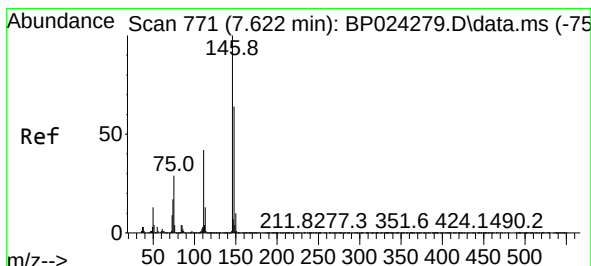
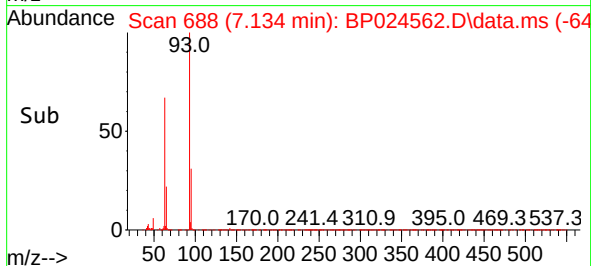
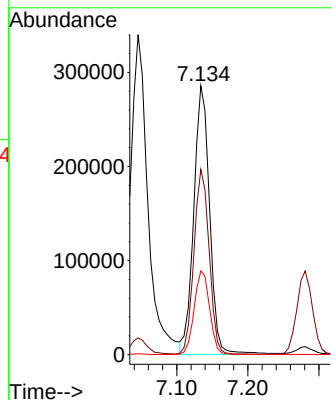
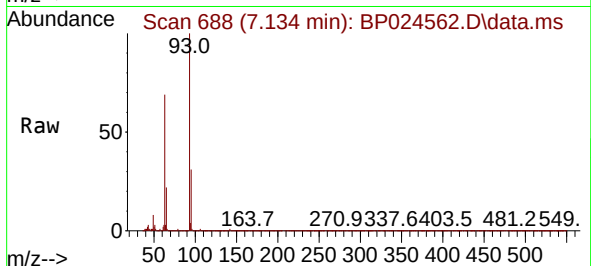




#11
bis(2-Chloroethyl)ether
Concen: 42.180 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

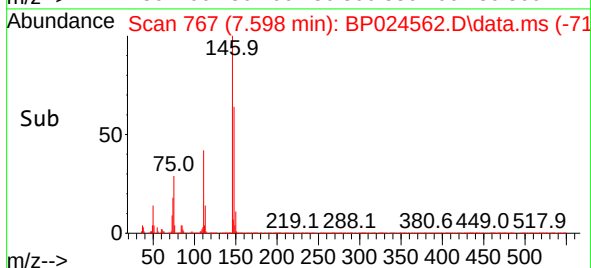
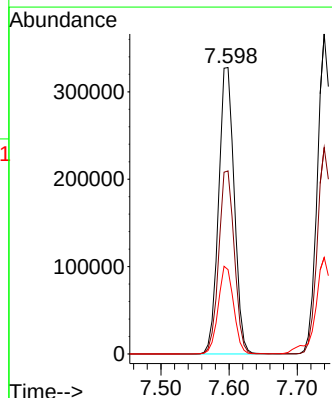
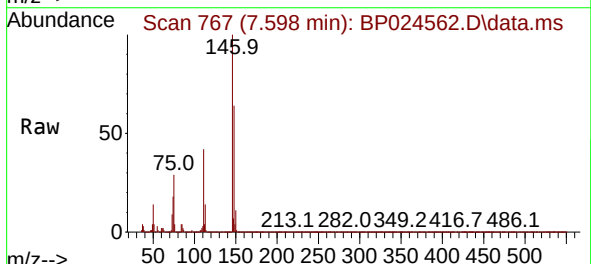
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

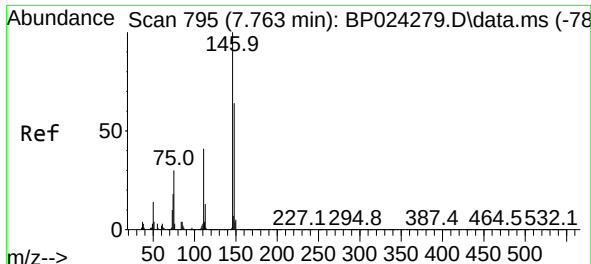
Tgt Ion: 93 Resp: 444733
Ion Ratio Lower Upper
93 100
63 68.9 48.6 88.6
95 31.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.728 ng
RT: 7.598 min Scan# 767
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:146 Resp: 523654
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
75 29.4 22.9 34.3

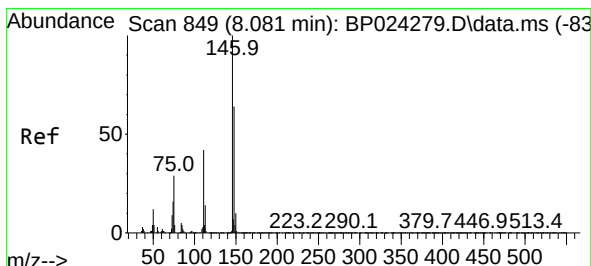
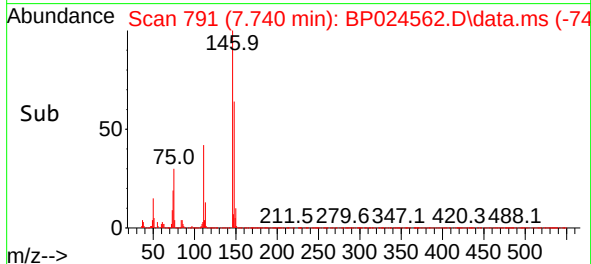
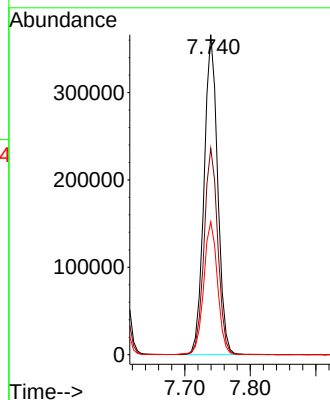
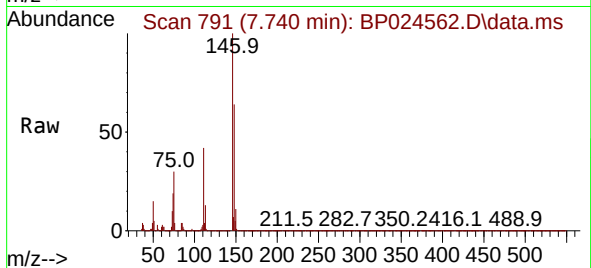




#13
1,4-Dichlorobenzene
Concen: 45.499 ng
RT: 7.740 min Scan# 795
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

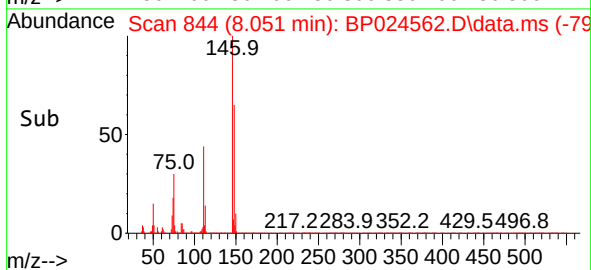
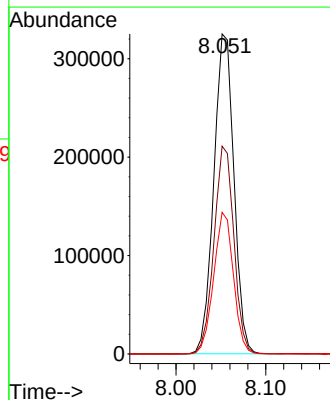
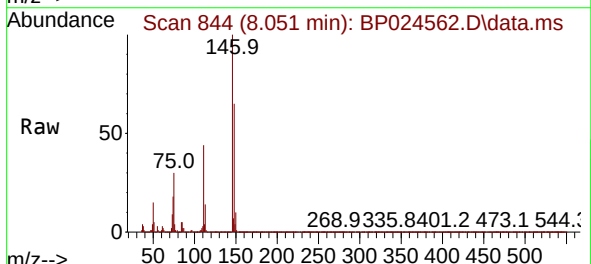
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

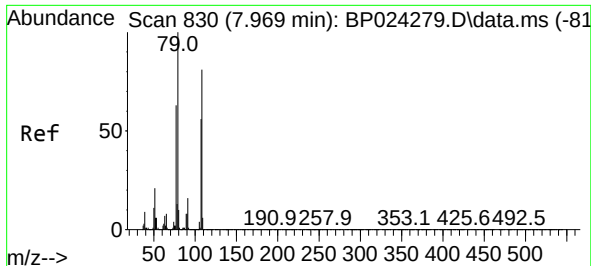
Tgt Ion:146 Resp: 528640
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 41.5 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 45.231 ng
RT: 8.051 min Scan# 844
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:146 Resp: 507460
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.4
111 44.3 33.8 50.8

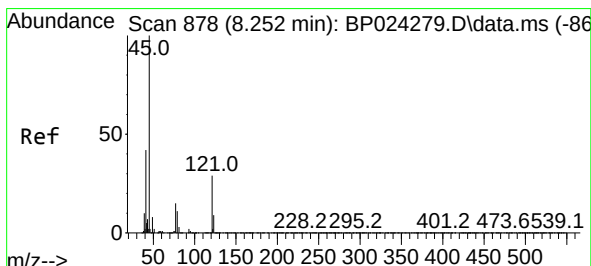
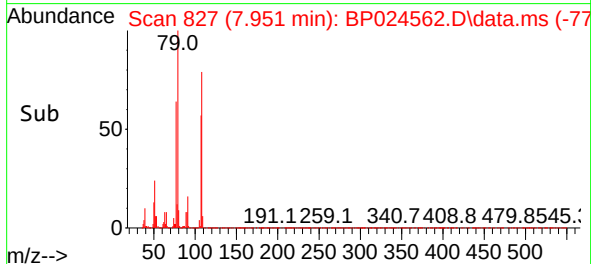
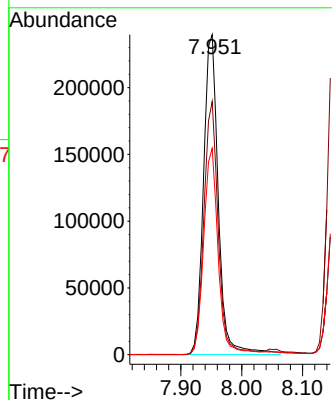
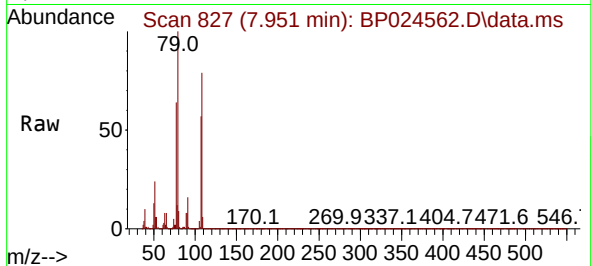




#15
Benzyl Alcohol
Concen: 47.936 ng
RT: 7.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

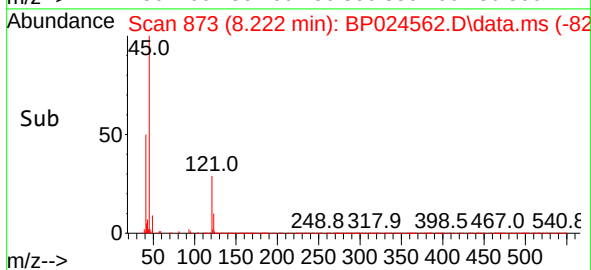
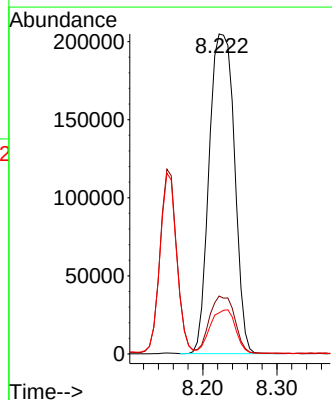
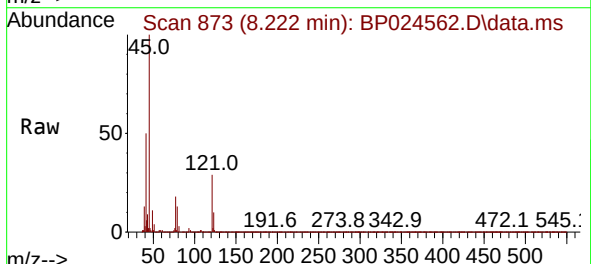
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

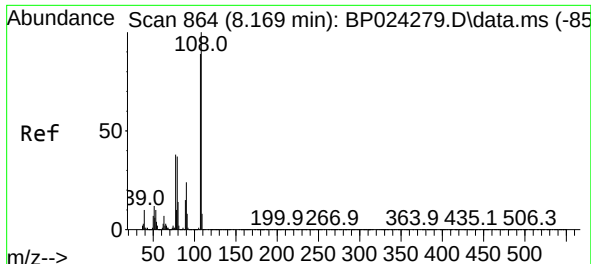
Tgt Ion: 79 Resp: 404407
Ion Ratio Lower Upper
79 100
108 79.1 65.1 97.7
77 64.4 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.581 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion: 45 Resp: 485289
Ion Ratio Lower Upper
45 100
77 18.1 0.0 37.7
79 12.9 0.0 33.5

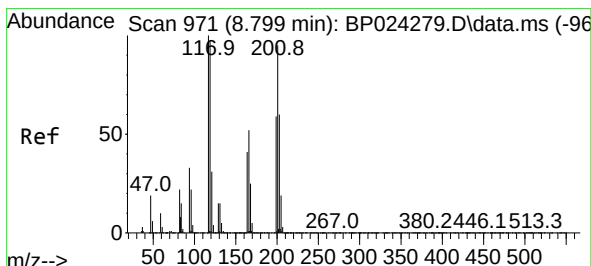
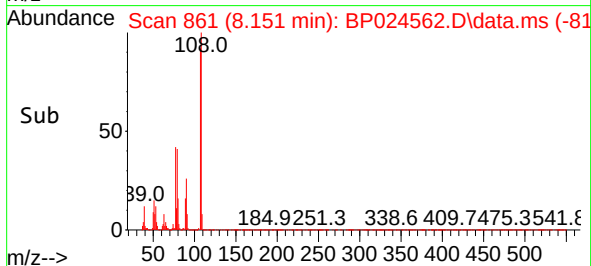
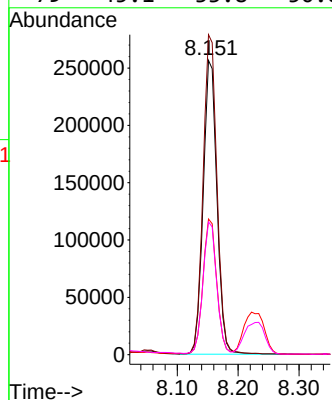
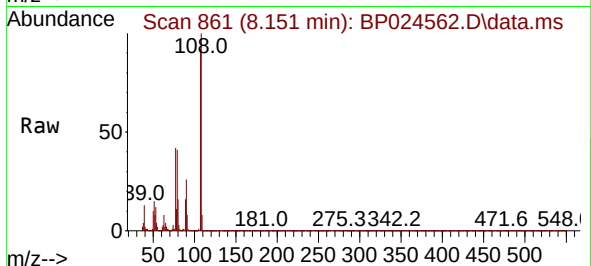




#17
2-Methylphenol
Concen: 47.454 ng
RT: 8.151 min Scan# 801
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

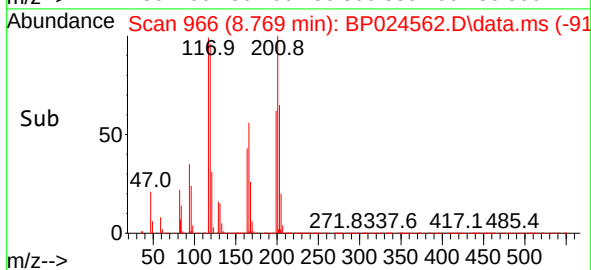
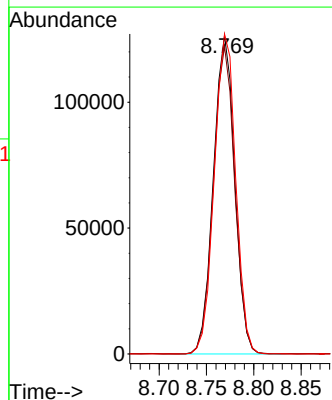
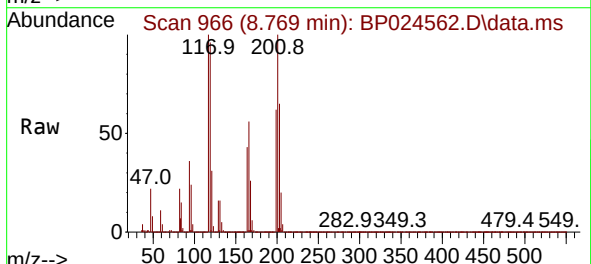
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

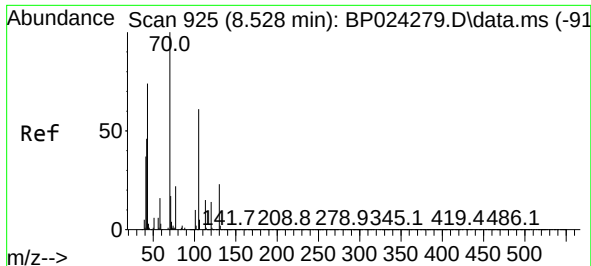
Tgt Ion:	107	Resp:	401726
Ion	Ratio	Lower	Upper
107	100		
108	108.7	89.8	134.6
77	46.1	34.2	51.4
79	45.1	33.8	50.8



#18
Hexachloroethane
Concen: 47.219 ng
RT: 8.769 min Scan# 966
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:	117	Resp:	198270
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.6
201	100.5	75.9	113.9

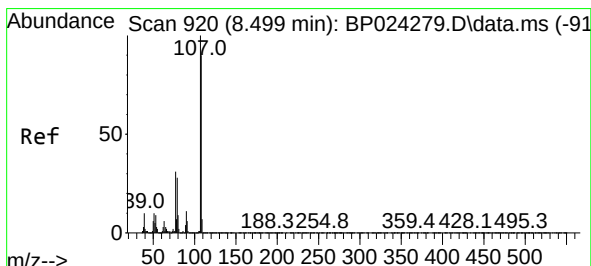
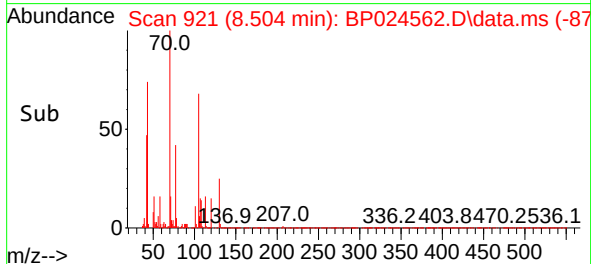
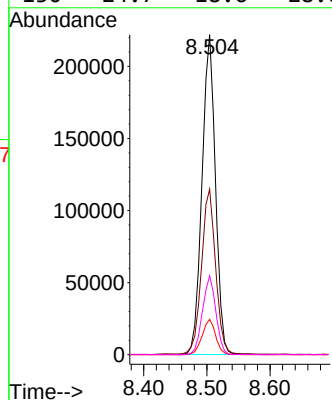
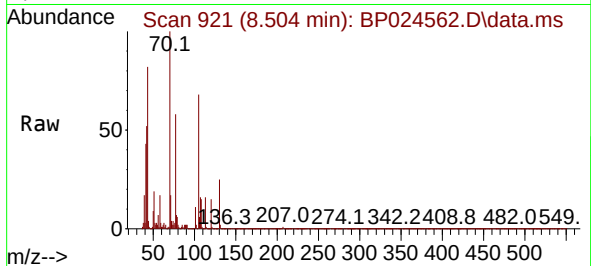




#19
n-Nitroso-di-n-propylamine
Concen: 40.525 ng
RT: 8.504 min Scan# 916
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

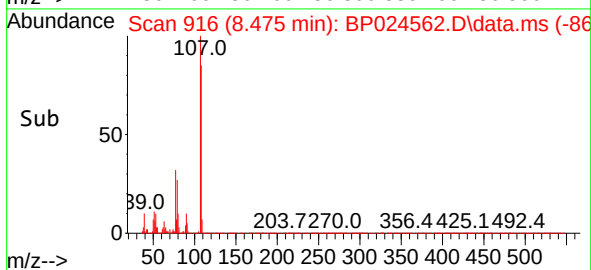
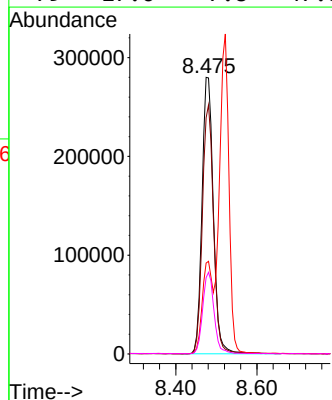
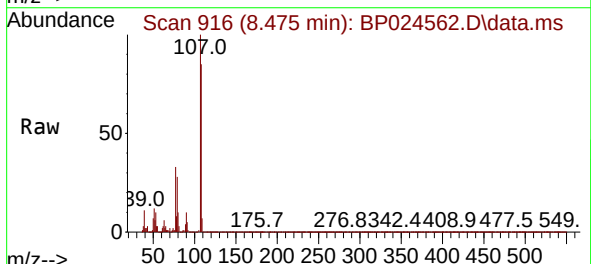
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

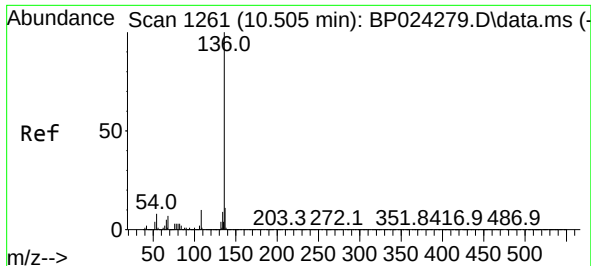
Tgt Ion:	70	Resp:	327062
Ion	Ratio	Lower	Upper
70	100		
42	51.7	37.3	55.9
101	11.1	8.2	12.4
130	24.7	18.6	28.0



#20
3+4-Methylphenols
Concen: 46.356 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:	107	Resp:	544513
Ion	Ratio	Lower	Upper
107	100		
108	85.4	69.8	109.8
77	32.9	11.5	51.5
79	27.6	7.8	47.8

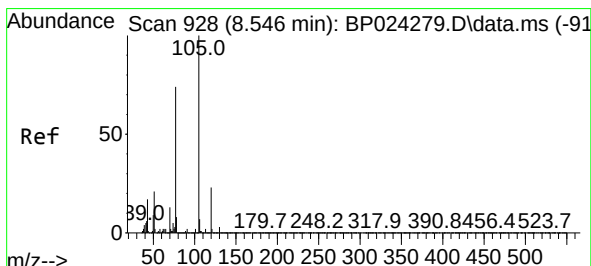
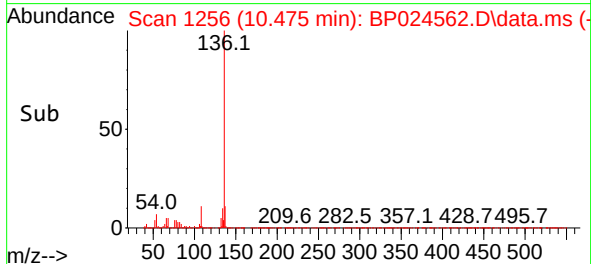
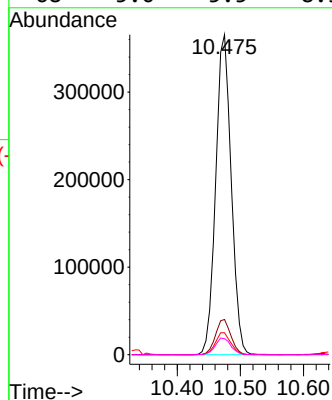
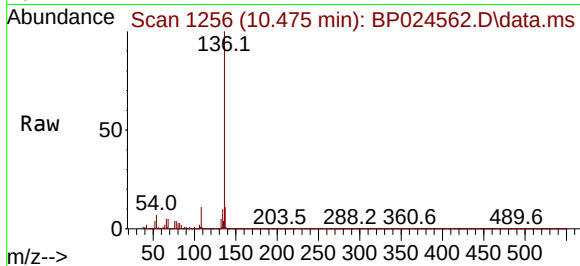




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

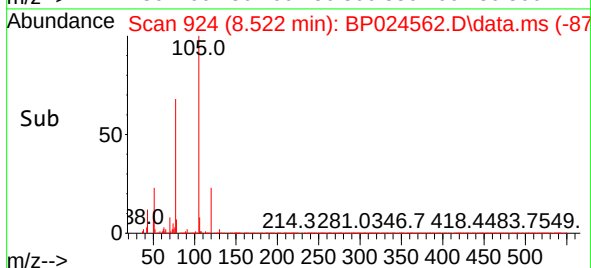
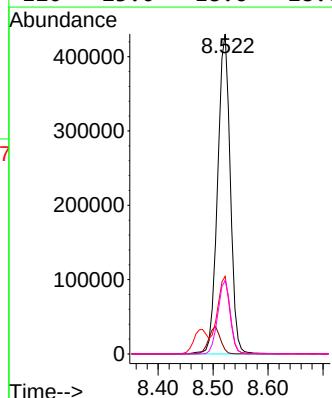
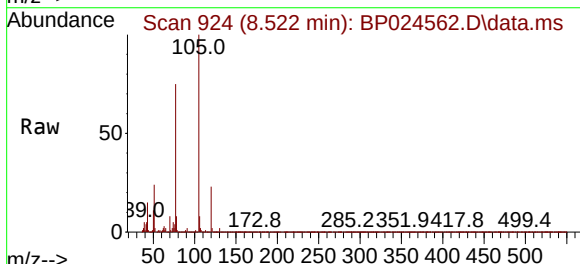
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

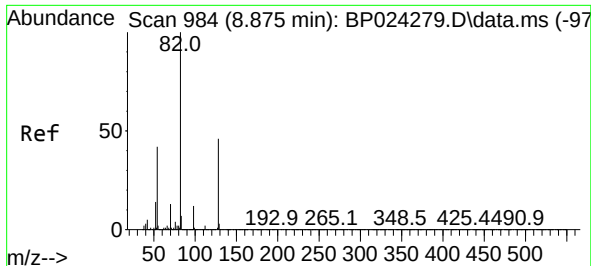
Tgt Ion:	136	Resp:	621901
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.9	6.0	9.0
68	5.0	5.5	8.3



#22
Acetophenone
Concen: 44.751 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:	105	Resp:	688833
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.7	2.5
51	24.2	16.9	25.3
120	23.0	18.6	28.0

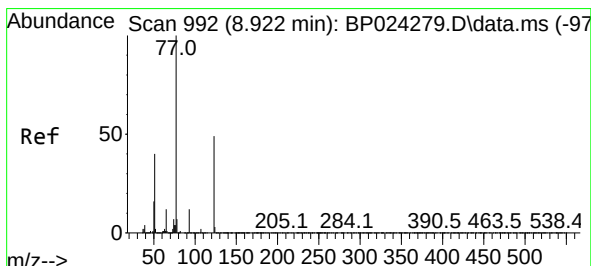
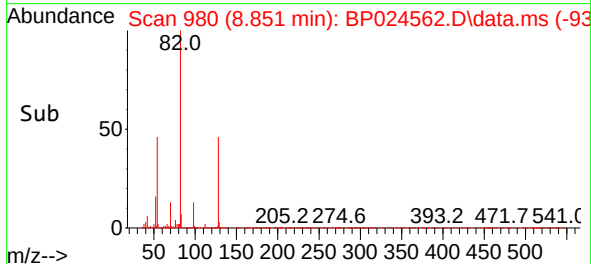
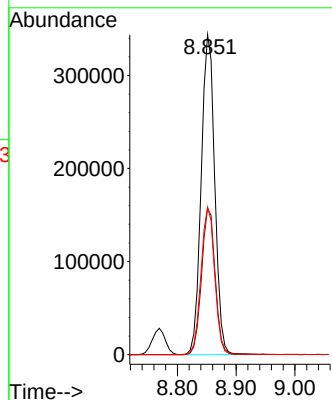
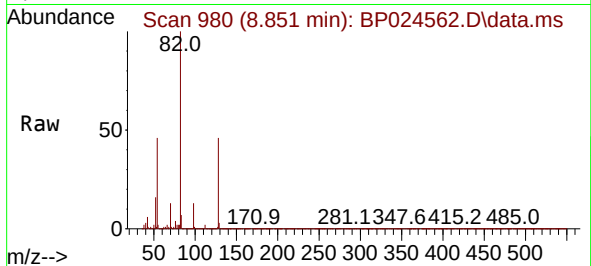




#23
Nitrobenzene-d5
Concen: 50.382 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

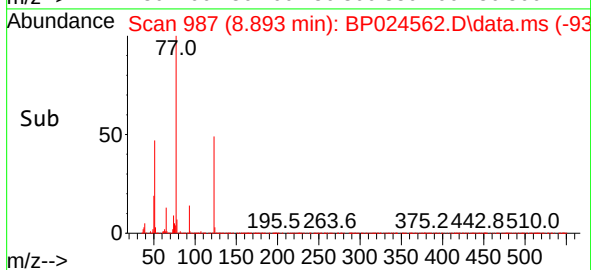
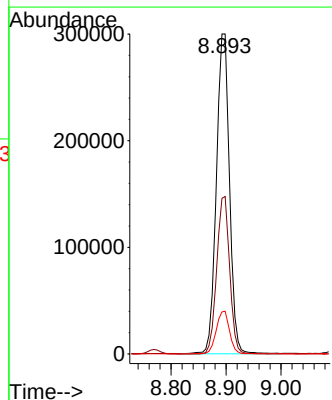
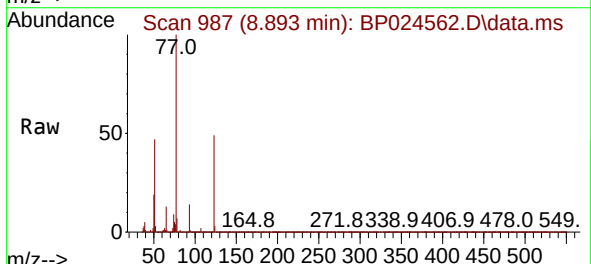
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

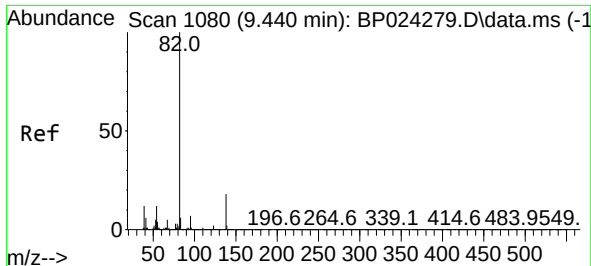
Tgt Ion: 82 Resp: 549495
Ion Ratio Lower Upper
82 100
128 45.7 36.5 54.7
54 46.2 33.4 50.2



#24
Nitrobenzene
Concen: 46.134 ng
RT: 8.893 min Scan# 987
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion: 77 Resp: 497758
Ion Ratio Lower Upper
77 100
123 48.6 39.2 58.8
65 13.2 9.8 14.6

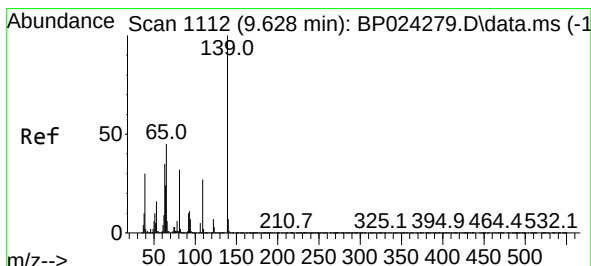
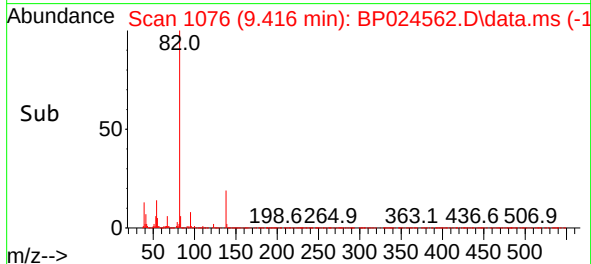
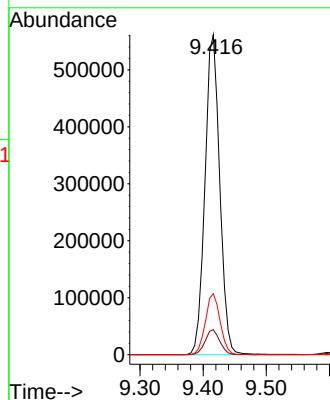
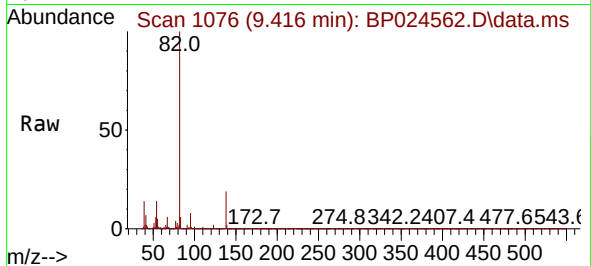




#25
Isophorone
Concen: 46.191 ng
RT: 9.416 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

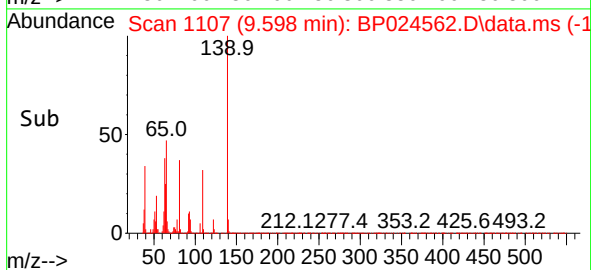
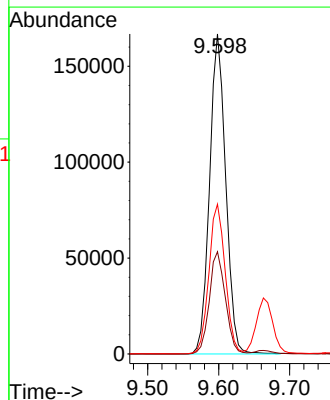
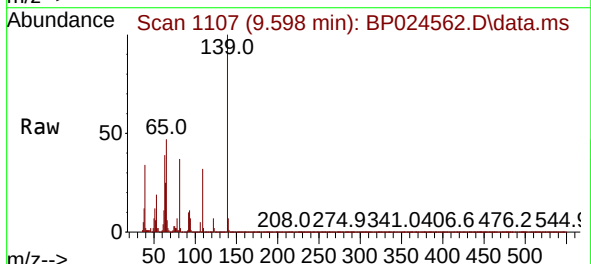
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

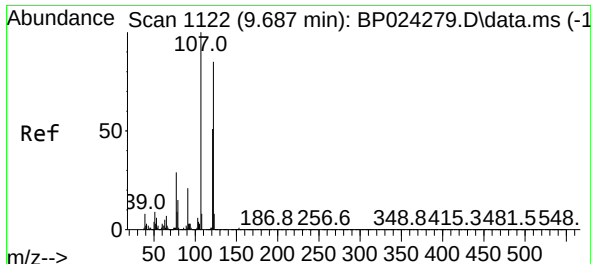
Tgt Ion: 82 Resp: 911870
Ion Ratio Lower Upper
82 100
95 7.8 5.4 8.2
138 19.0 14.4 21.6



#26
2-Nitrophenol
Concen: 49.923 ng
RT: 9.598 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion: 139 Resp: 263592
Ion Ratio Lower Upper
139 100
109 32.0 21.8 32.6
65 46.8 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 67.257 ng

RT: 9.663 min Scan# 1118

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

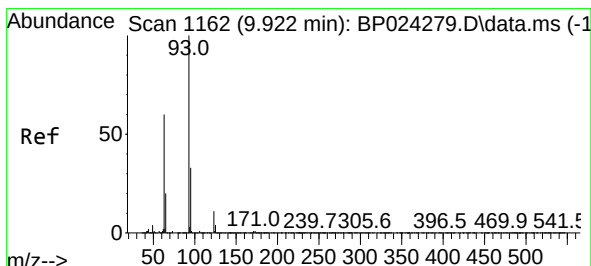
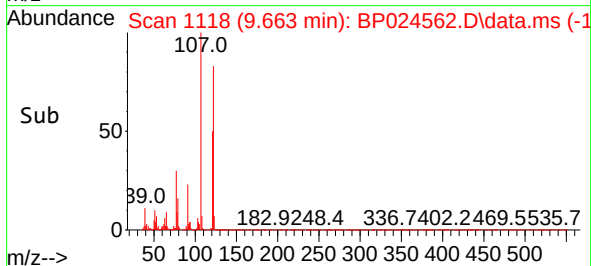
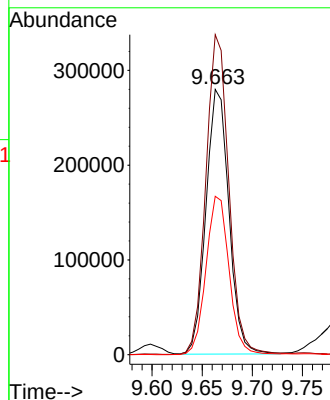
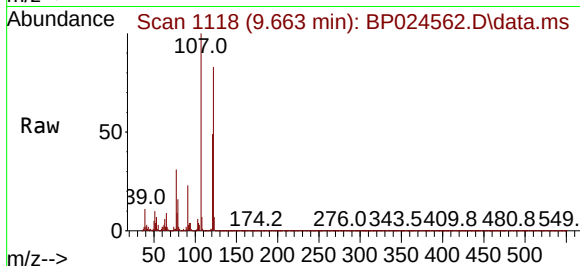
Tgt Ion:122 Resp: 445892

Ion Ratio Lower Upper

122 100

107 120.6 93.7 140.5

121 59.7 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.296 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.024 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

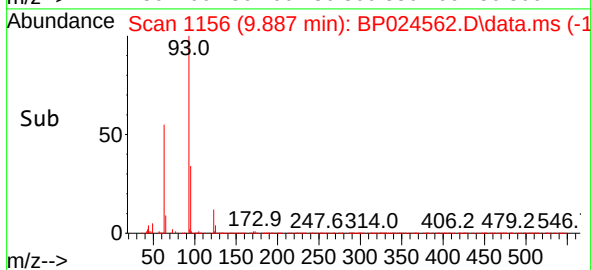
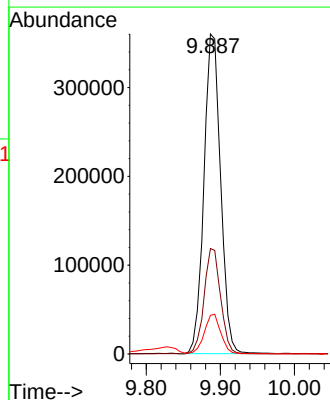
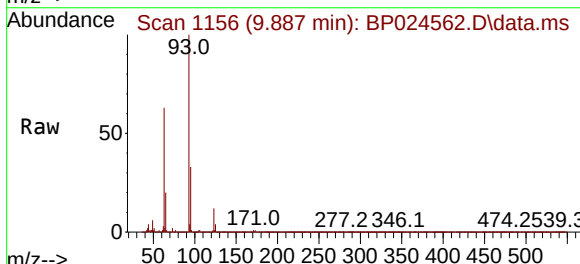
Tgt Ion: 93 Resp: 564064

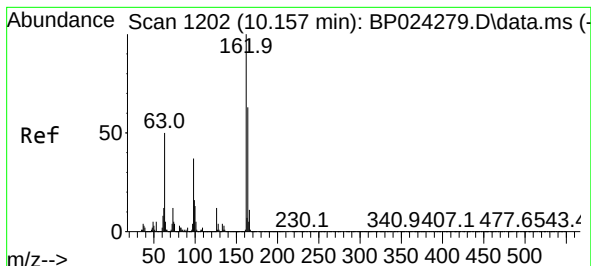
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.730 ng

RT: 10.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

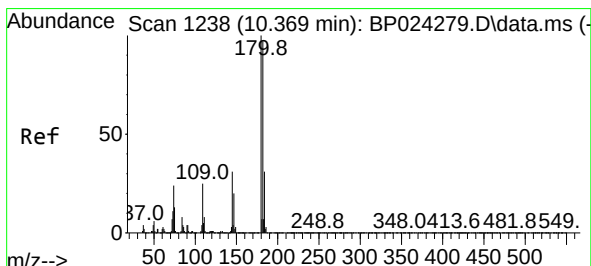
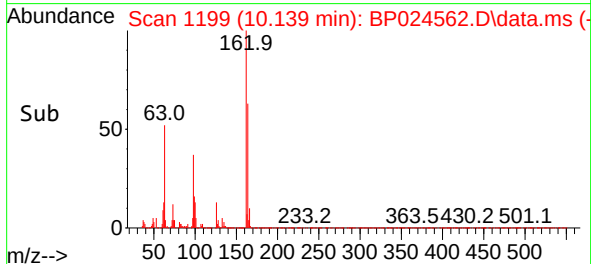
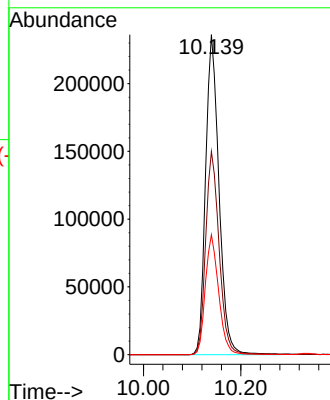
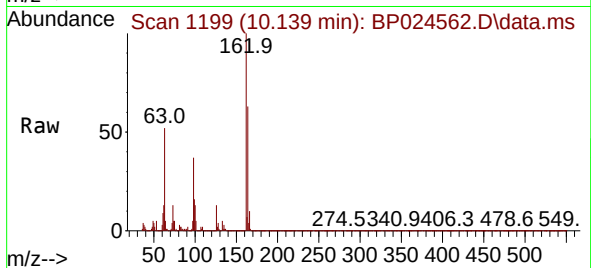
Tgt Ion:162 Resp: 449535

Ion Ratio Lower Upper

162 100

164 63.5 43.3 83.3

98 37.4 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 47.511 ng

RT: 10.334 min Scan# 1232

Delta R.T. -0.030 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

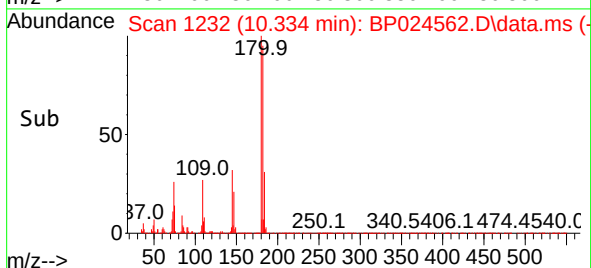
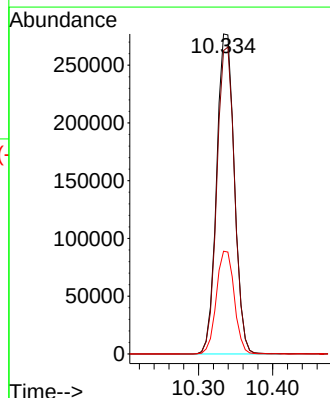
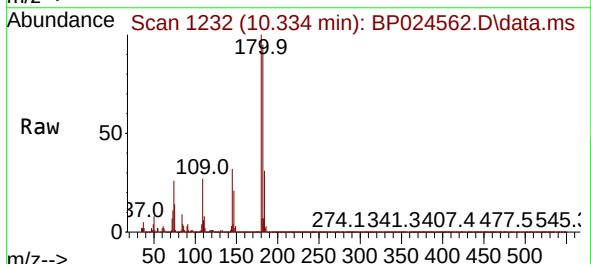
Tgt Ion:180 Resp: 460154

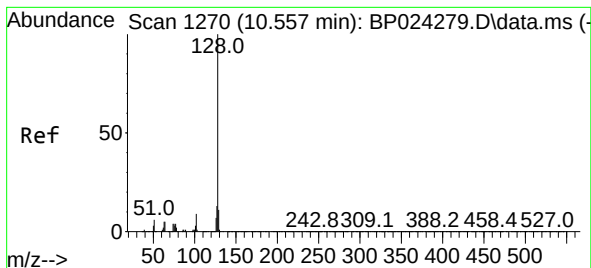
Ion Ratio Lower Upper

180 100

182 94.8 77.3 115.9

145 32.1 25.1 37.7





#31

Naphthalene

Concen: 43.905 ng

RT: 10.528 min Scan# 1265

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

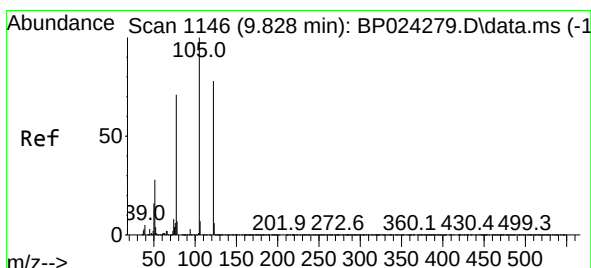
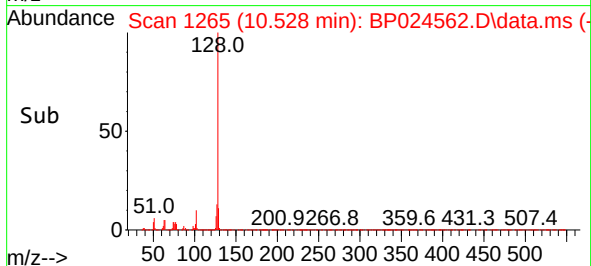
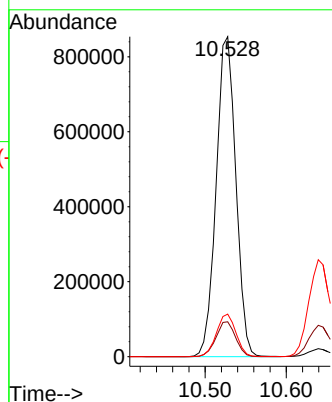
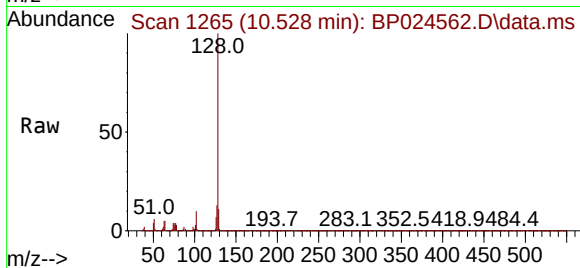
Tgt Ion:128 Resp: 1438310

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.3 10.3 15.5



#32

Benzoic acid

Concen: 42.383 ng

RT: 9.828 min Scan# 1146

Delta R.T. 0.006 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

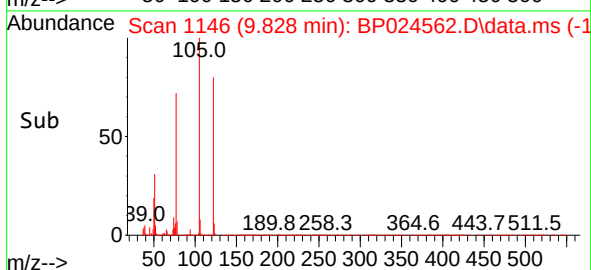
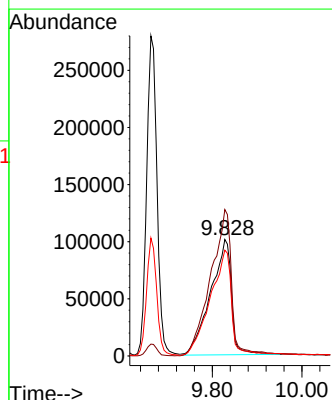
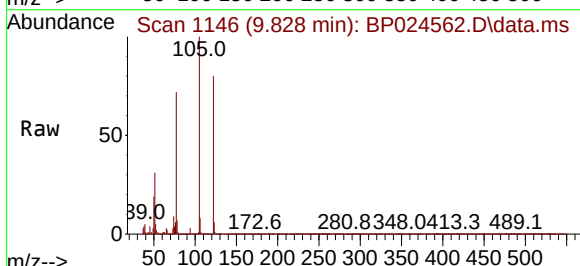
Tgt Ion:122 Resp: 327410

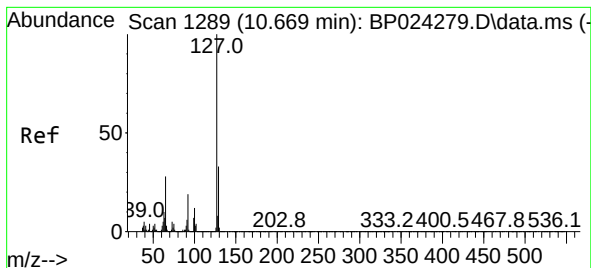
Ion Ratio Lower Upper

122 100

105 125.8 104.8 144.8

77 90.9 69.2 109.2

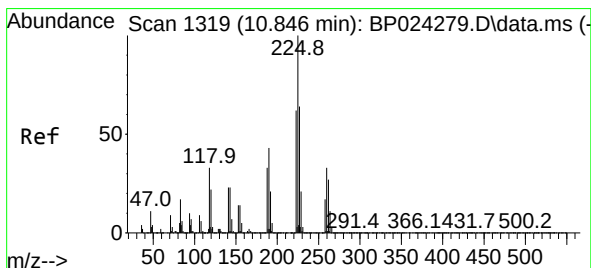
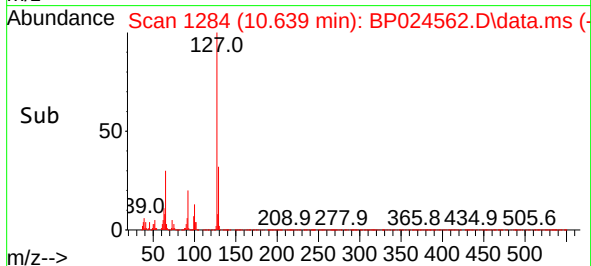
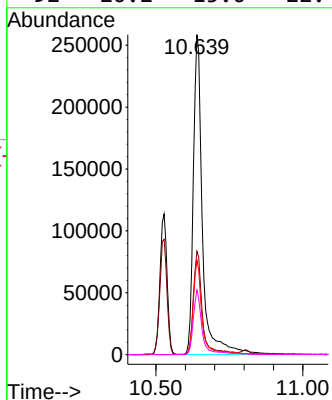
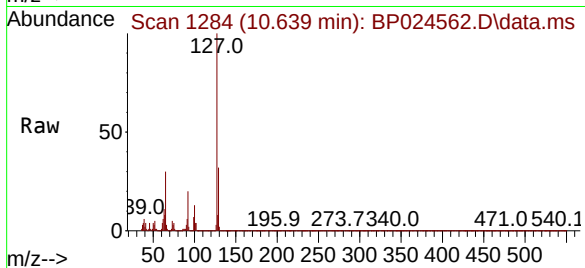




#33
4-Chloroaniline
Concen: 48.639 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

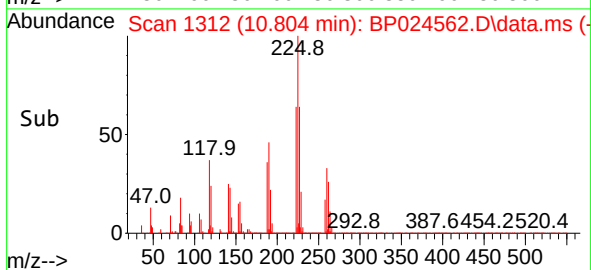
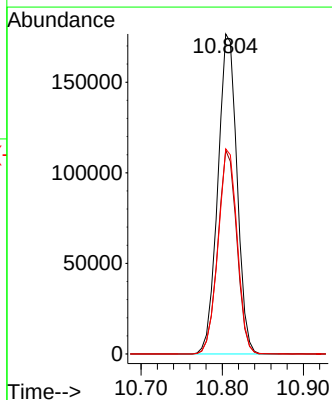
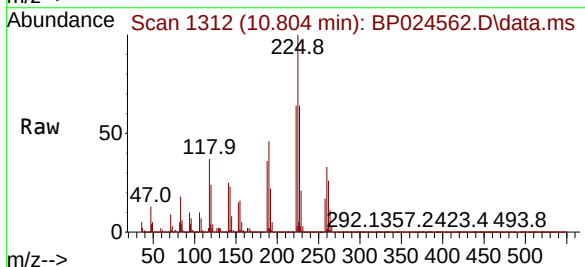
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

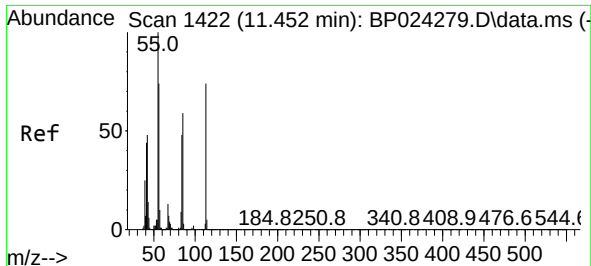
Tgt Ion:	127	Resp:	561129
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	29.5	22.1	33.1
92	20.2	15.0	22.4



#34
Hexachlorobutadiene
Concen: 50.883 ng
RT: 10.804 min Scan# 1312
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:	225	Resp:	289590
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.5	74.3
227	64.1	50.9	76.3

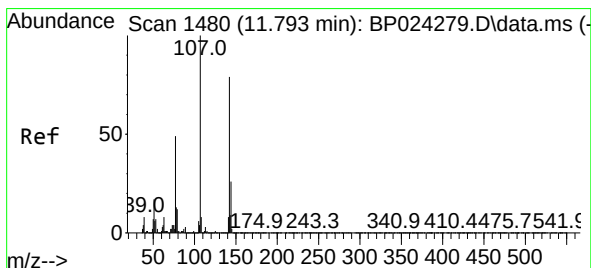
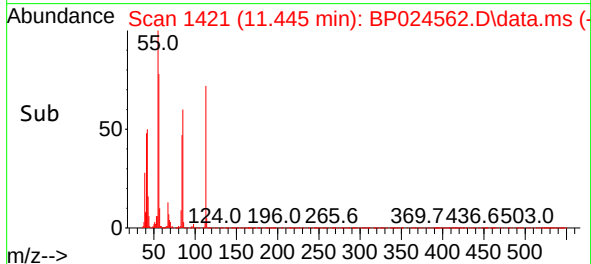
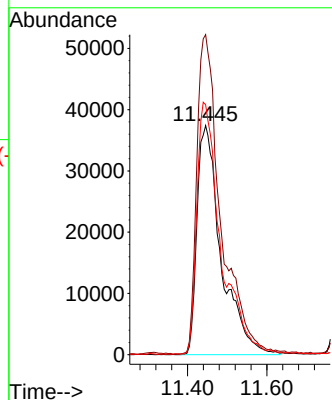
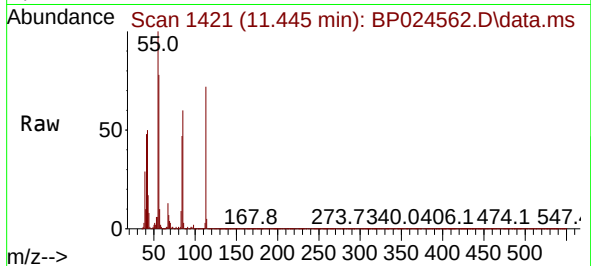




#35
Caprolactam
Concen: 47.234 ng
RT: 11.445 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

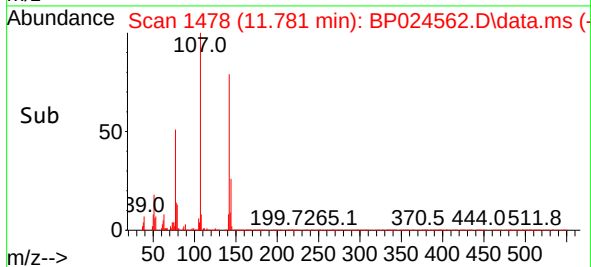
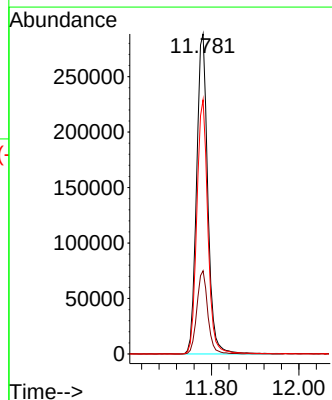
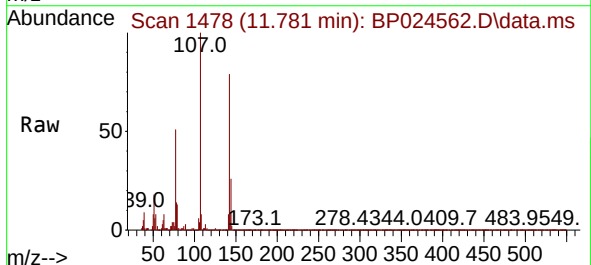
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

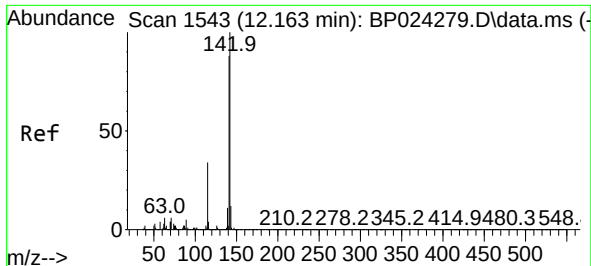
Tgt Ion:113 Resp: 157545
Ion Ratio Lower Upper
113 100
55 139.6 115.9 155.9
56 109.0 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 48.776 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:107 Resp: 513563
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 79.5 63.4 95.2

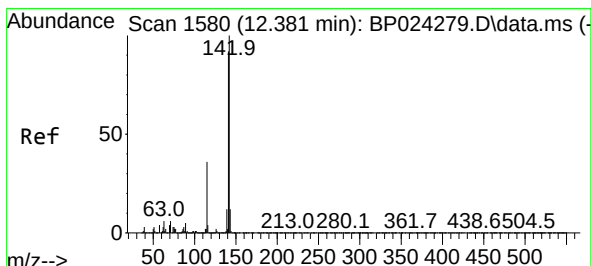
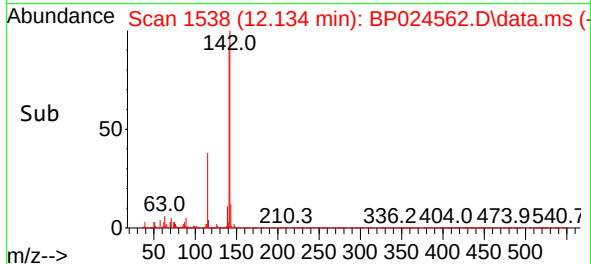
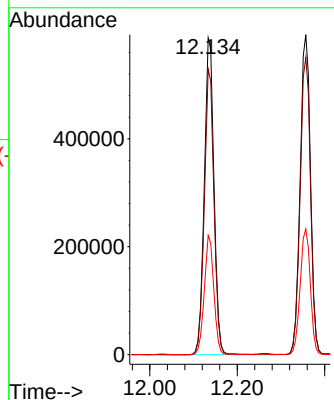
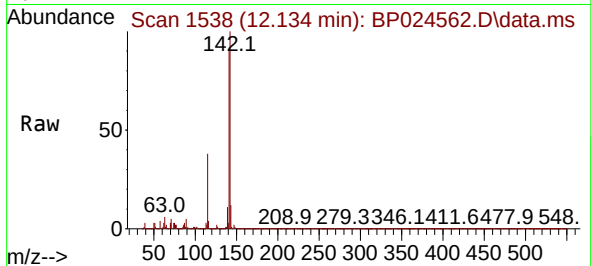




#37
2-Methylnaphthalene
Concen: 39.857 ng
RT: 12.134 min Scan# 1538
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

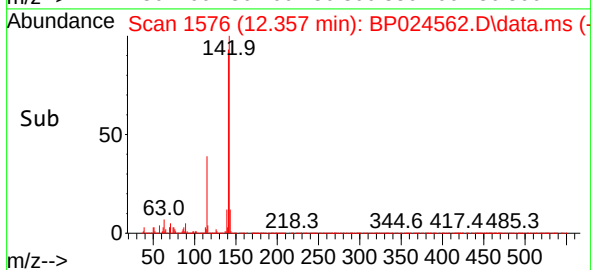
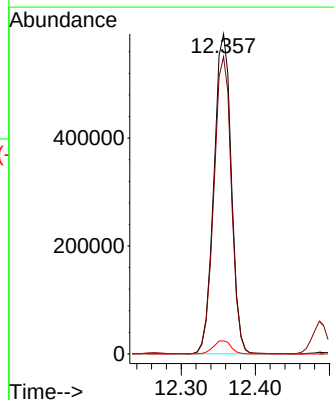
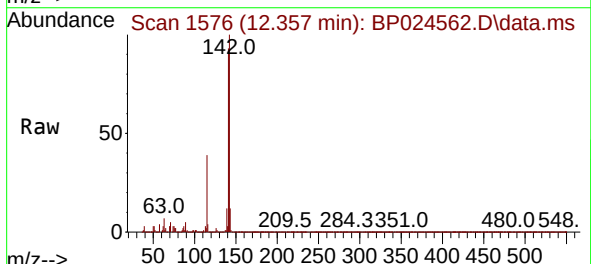
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

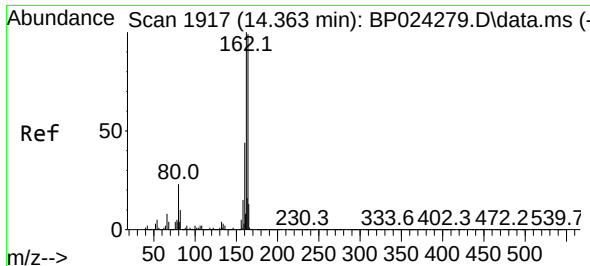
Tgt Ion:142 Resp: 905522
Ion Ratio Lower Upper
142 100
141 90.1 70.3 105.5
115 37.6 26.9 40.3



#38
1-Methylnaphthalene
Concen: 43.468 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:142 Resp: 966108
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4
116 4.1 3.0 4.6

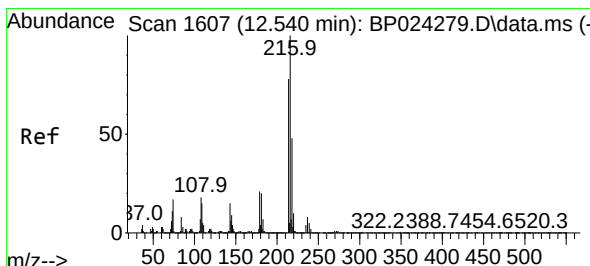
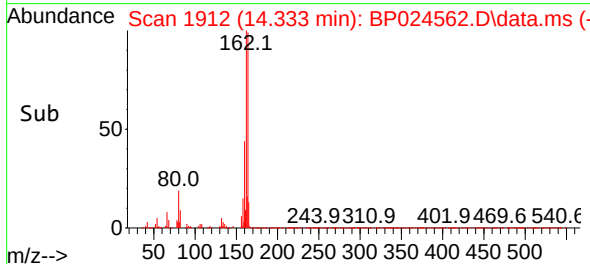
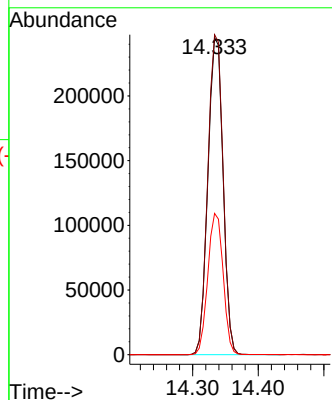
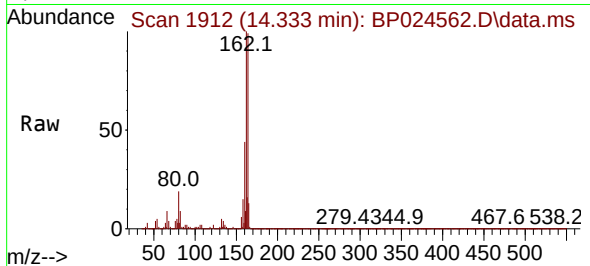




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1917
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

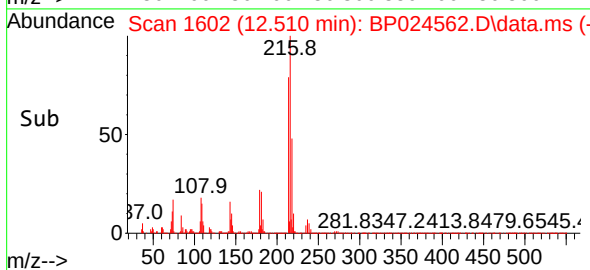
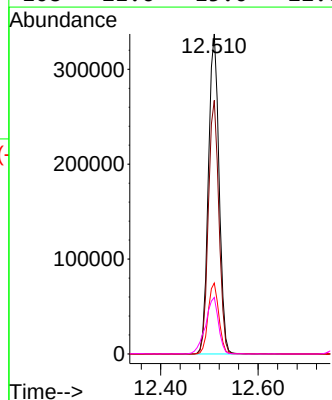
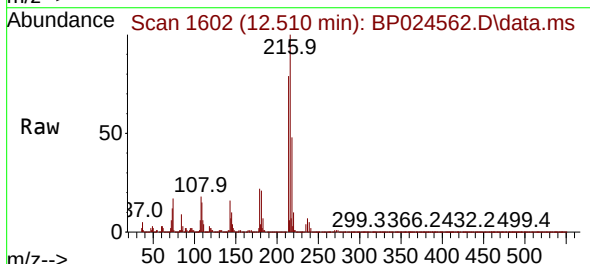
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

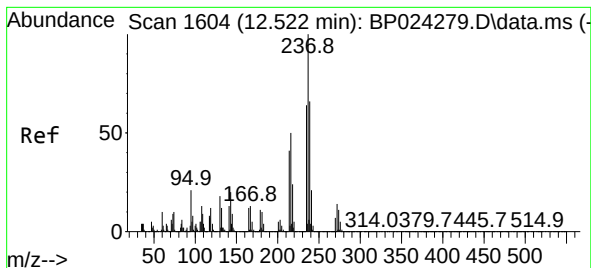
Tgt Ion:164 Resp: 393833
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.5 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.038 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:216 Resp: 509449
Ion Ratio Lower Upper
216 100
214 78.4 62.6 93.8
179 22.2 17.2 25.8
108 21.6 15.0 22.6

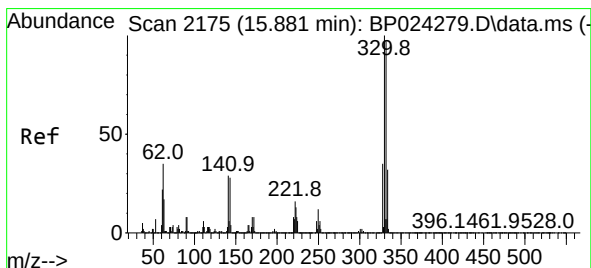
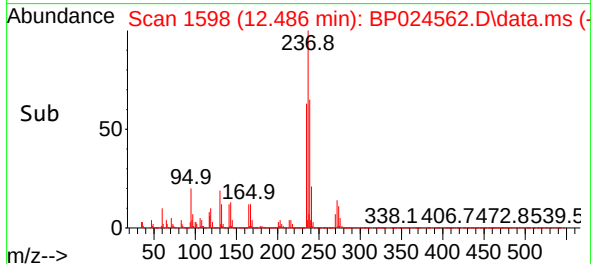
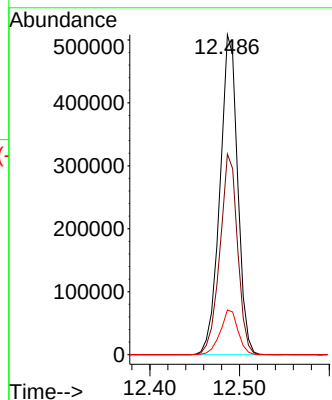
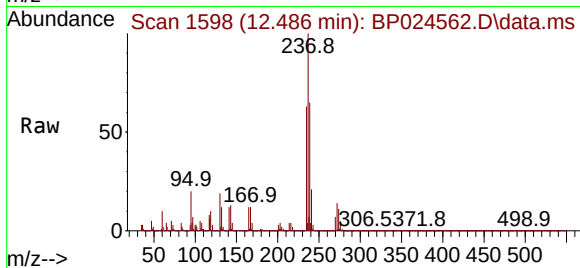




#41
Hexachlorocyclopentadiene
Concen: 181.929 ng
RT: 12.486 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

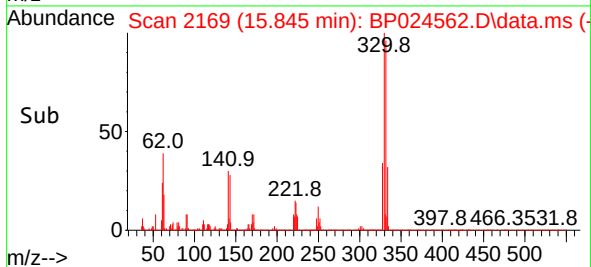
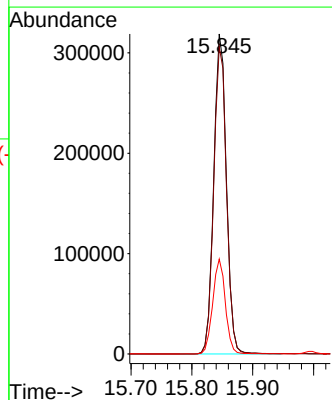
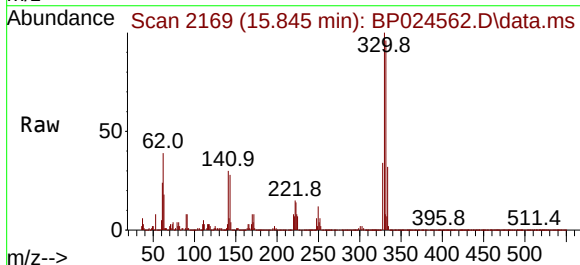
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

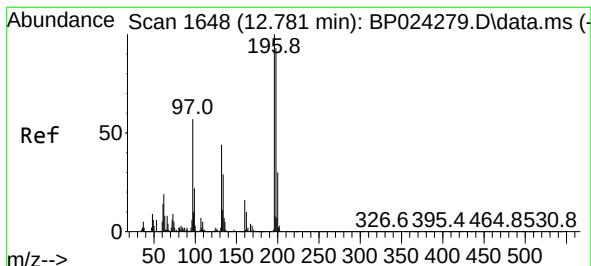
Tgt Ion:237 Resp: 696869
Ion Ratio Lower Upper
237 100
235 62.7 43.9 83.9
272 13.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 84.455 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:330 Resp: 460187
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 29.7 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.748 ng

RT: 12.757 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

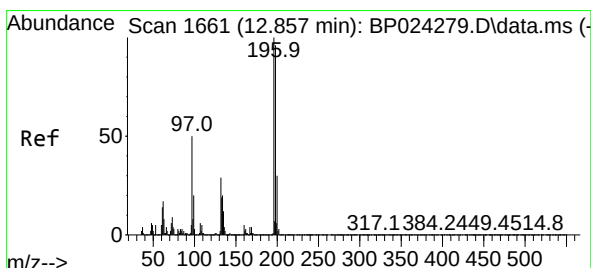
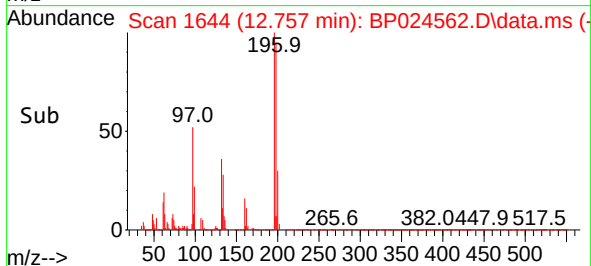
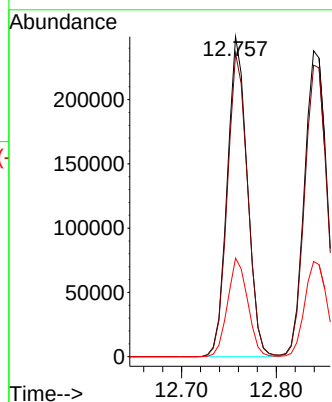
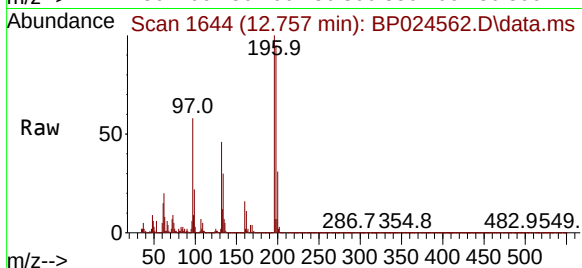
Tgt Ion:196 Resp: 365420

Ion Ratio Lower Upper

196 100

198 94.9 74.3 111.5

200 30.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 50.319 ng

RT: 12.839 min Scan# 1658

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Tgt Ion:196 Resp: 401238

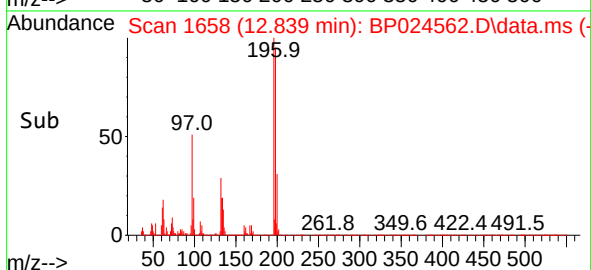
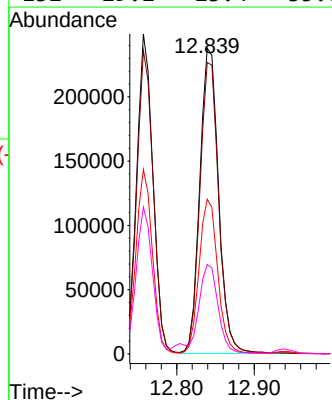
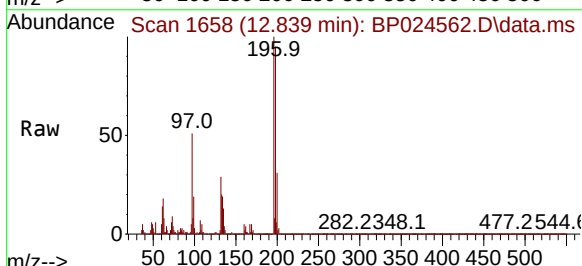
Ion Ratio Lower Upper

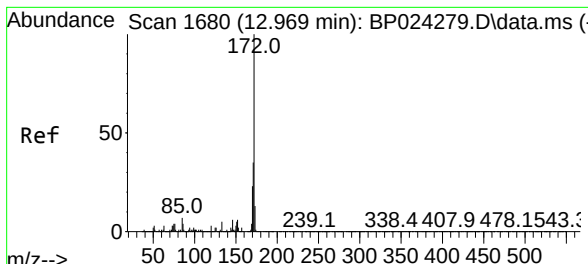
196 100

198 95.3 77.3 115.9

97 50.6 40.4 60.6

132 29.2 23.4 35.0



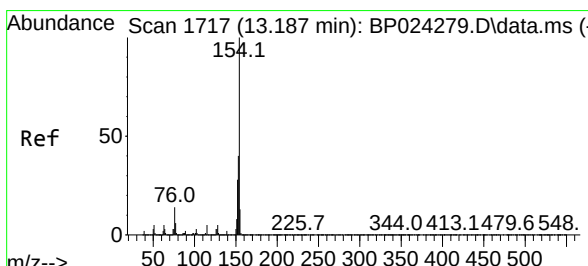
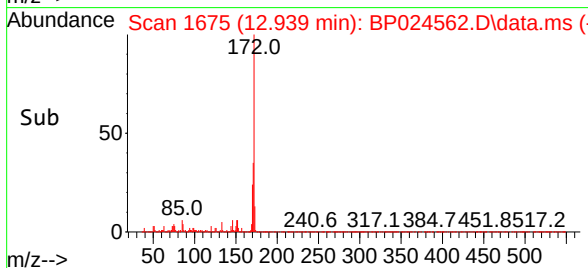
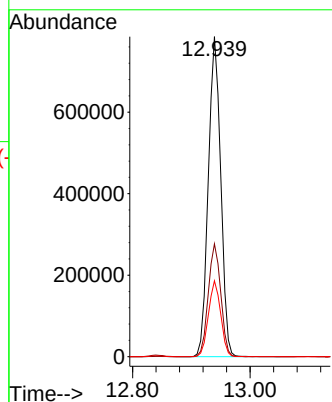
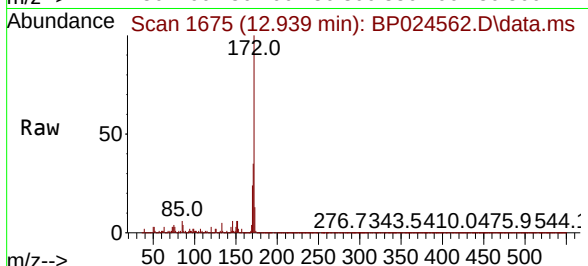


#45
2-Fluorobiphenyl
Concen: 44.861 ng
RT: 12.939 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Instrument :
BNA_P
ClientSampleId :
MH-QMSD

Tgt Ion:172 Resp: 1153910

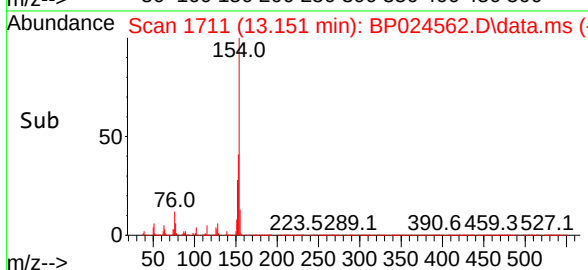
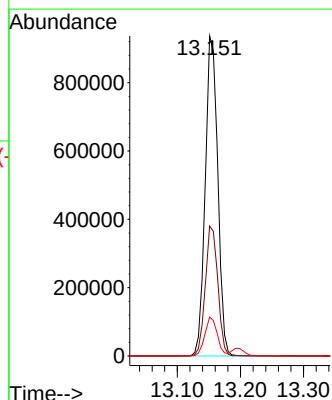
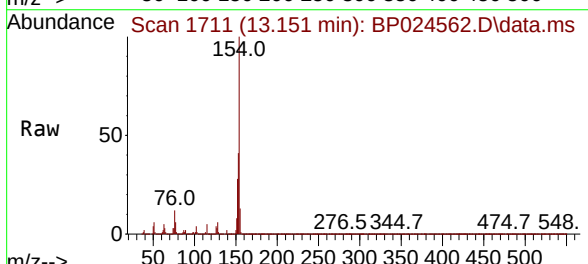
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.7	18.6	27.8

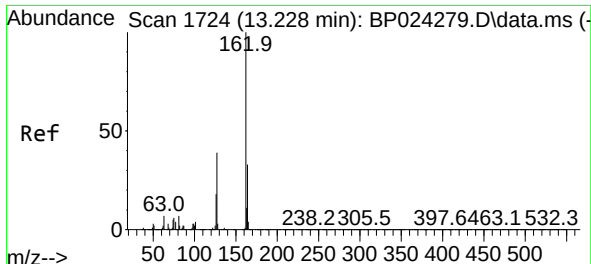


#46
1,1'-Biphenyl
Concen: 44.654 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:154 Resp: 1292677

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	12.1	0.0	33.5

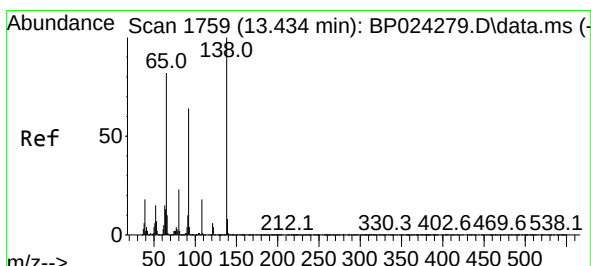
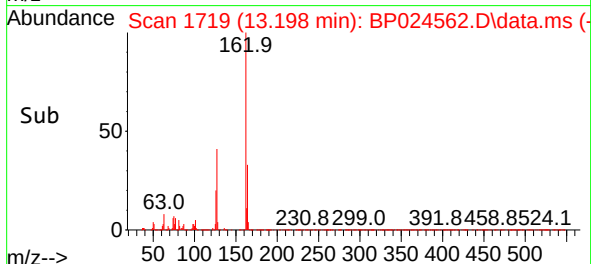
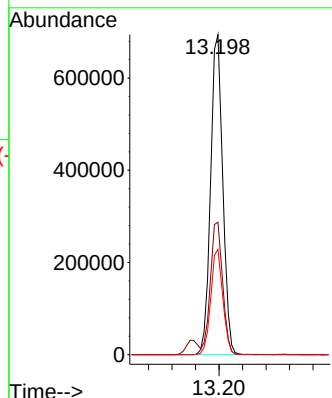
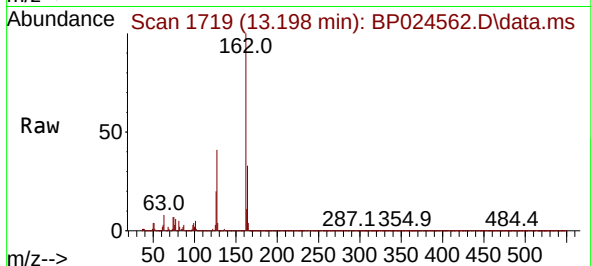




#47
2-Chloronaphthalene
Concen: 46.044 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

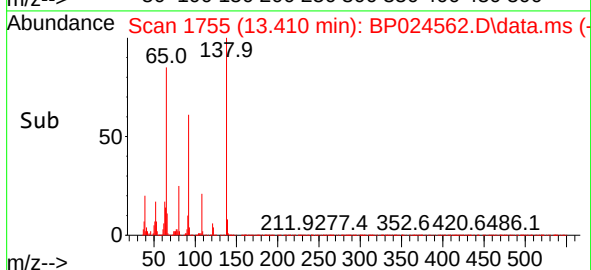
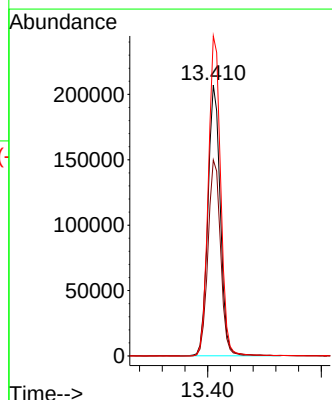
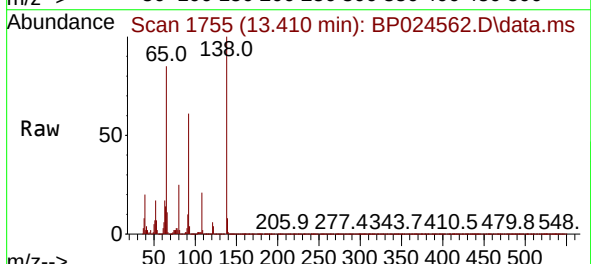
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

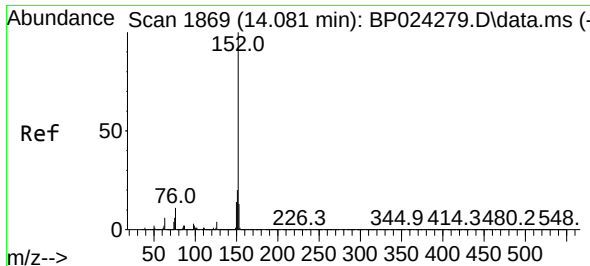
Tgt Ion:162 Resp: 996212
Ion Ratio Lower Upper
162 100
127 41.4 31.9 47.9
164 32.9 26.2 39.4



#48
2-Nitroaniline
Concen: 51.624 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion: 65 Resp: 313307
Ion Ratio Lower Upper
65 100
92 72.3 62.3 93.5
138 118.1 97.2 145.8

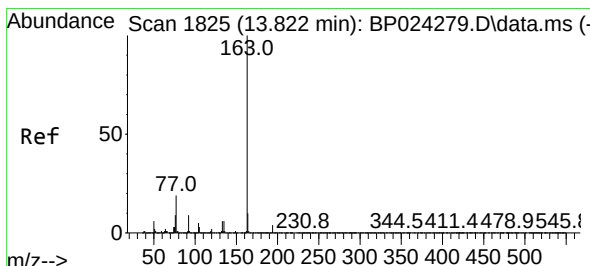
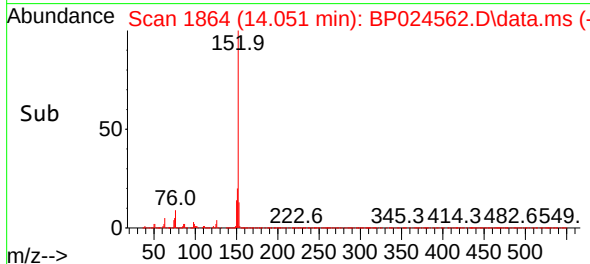
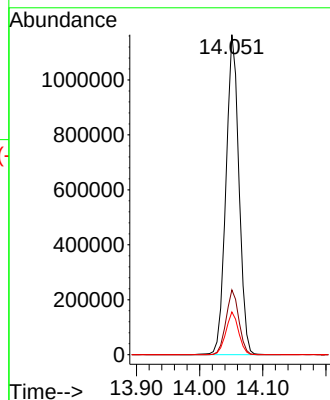
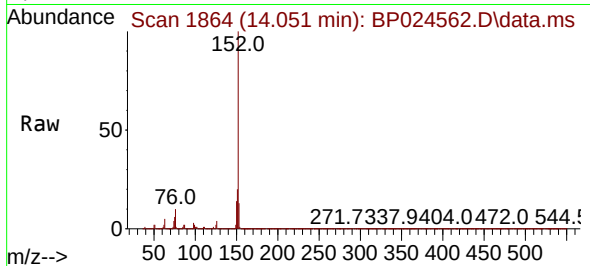




#49
Acenaphthylene
Concen: 48.758 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

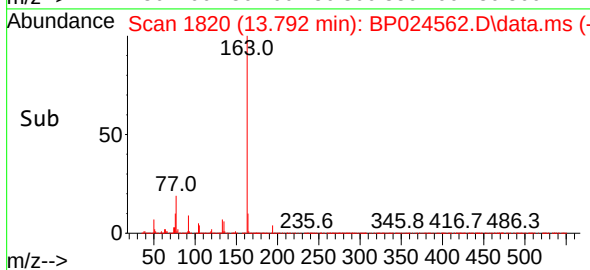
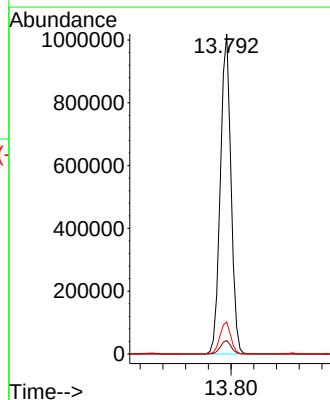
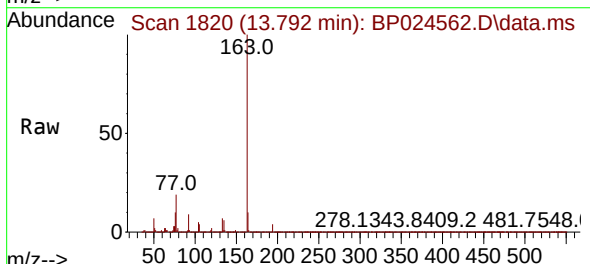
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

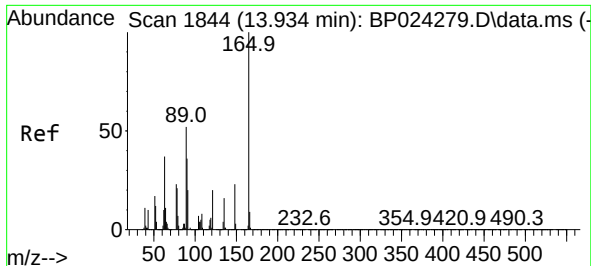
Tgt Ion:152 Resp: 1660892
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 46.100 ng
RT: 13.792 min Scan# 1820
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:163 Resp: 1320326
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.0 8.0 12.0

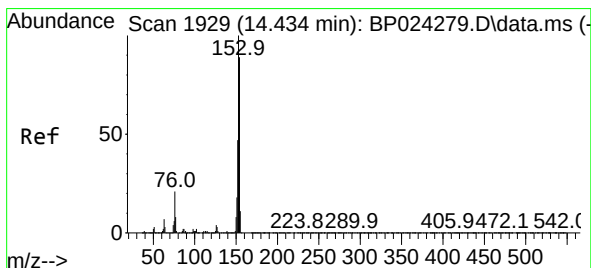
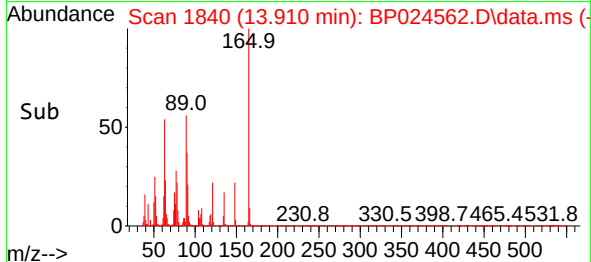
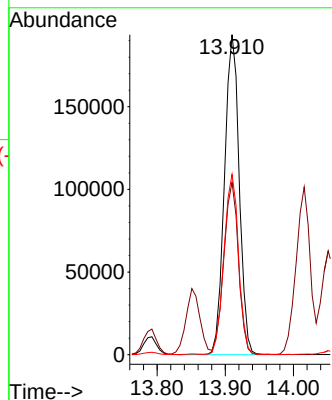
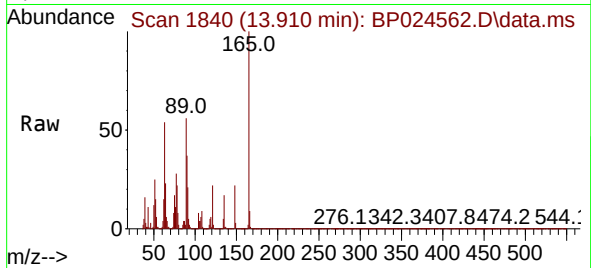




#51
2,6-Dinitrotoluene
Concen: 47.862 ng
RT: 13.910 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

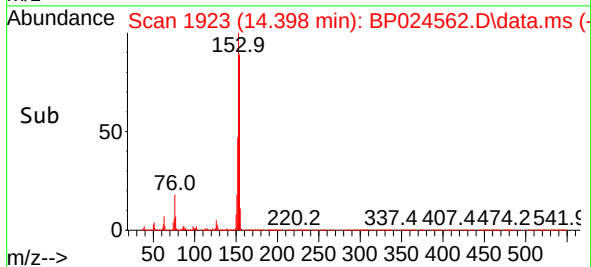
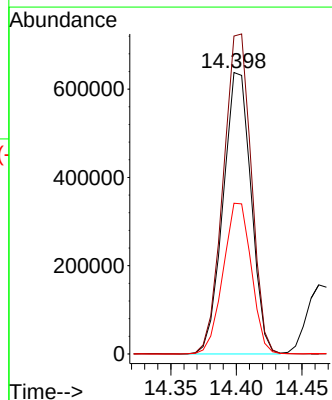
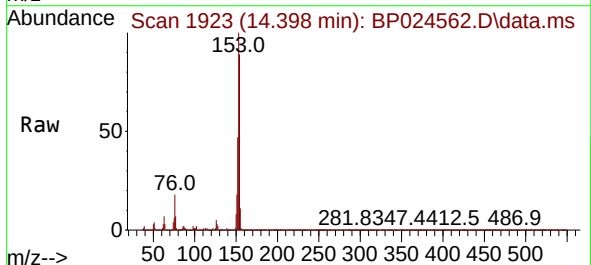
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

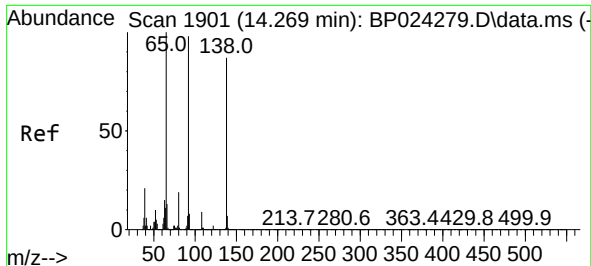
Tgt Ion:165 Resp: 291084
Ion Ratio Lower Upper
165 100
63 53.9 38.0 57.0
89 56.4 41.7 62.5



#52
Acenaphthene
Concen: 43.803 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:154 Resp: 945952
Ion Ratio Lower Upper
154 100
153 113.0 89.8 134.6
152 53.5 42.6 63.8

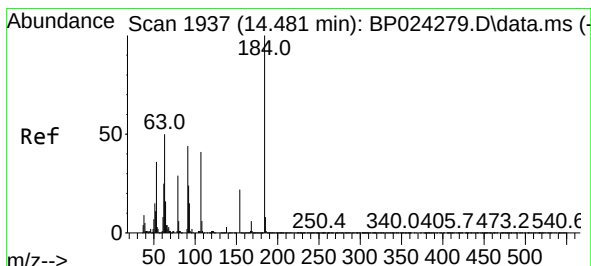
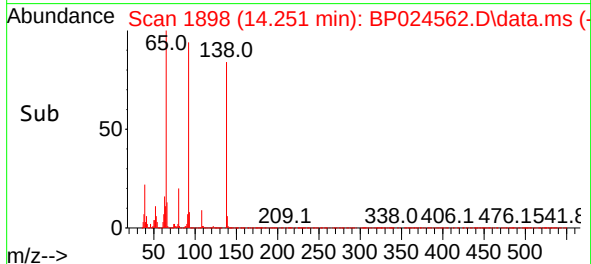
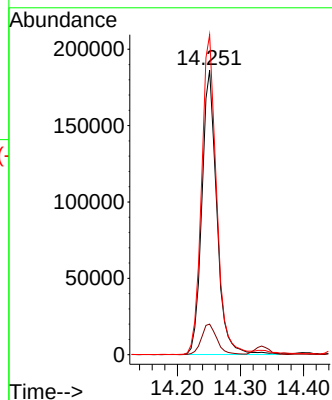
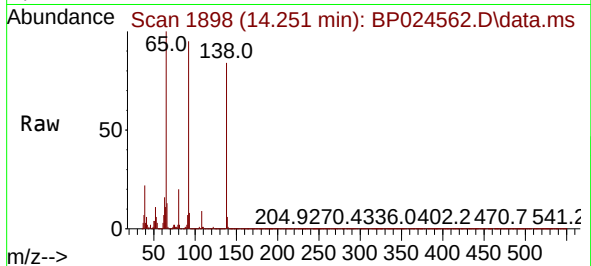




#53
3-Nitroaniline
Concen: 48.003 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

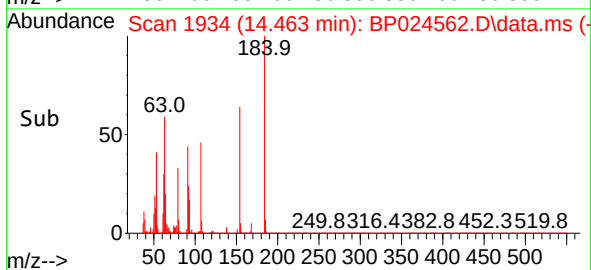
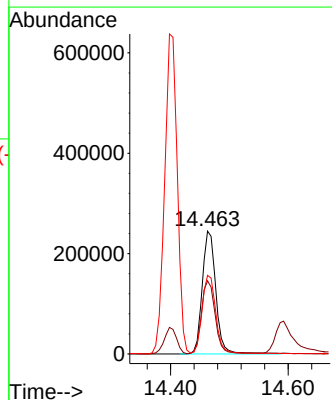
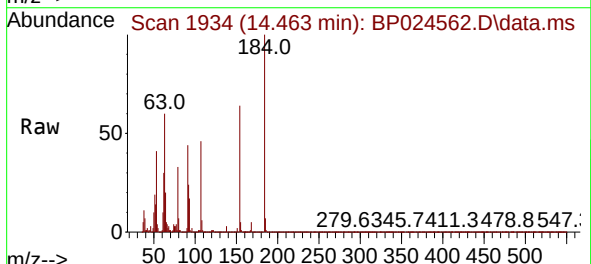
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

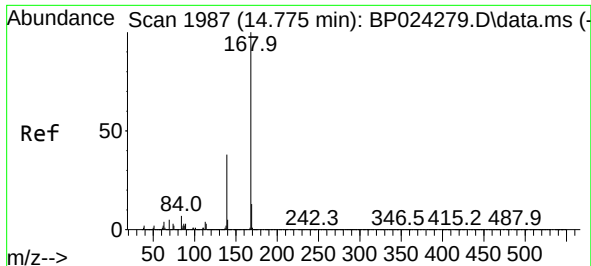
Tgt Ion:138 Resp: 306831
Ion Ratio Lower Upper
138 100
108 10.7 8.3 12.5
92 112.5 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 110.325 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:184 Resp: 395229
Ion Ratio Lower Upper
184 100
63 59.5 42.6 64.0
154 63.9 47.2 70.8

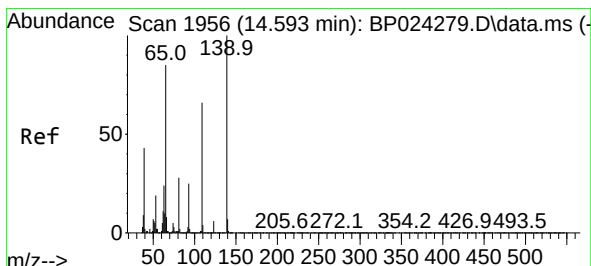
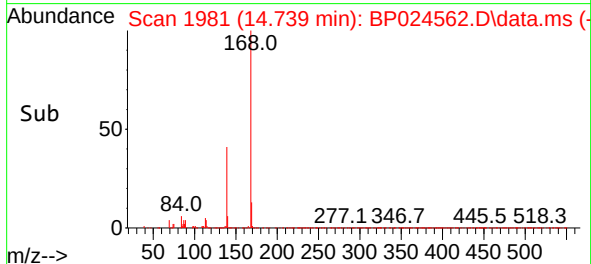
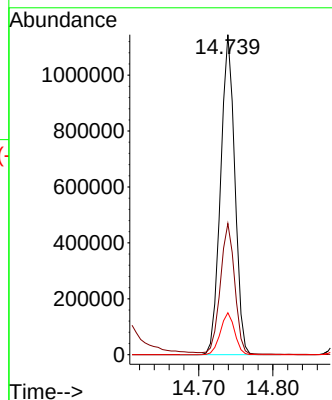
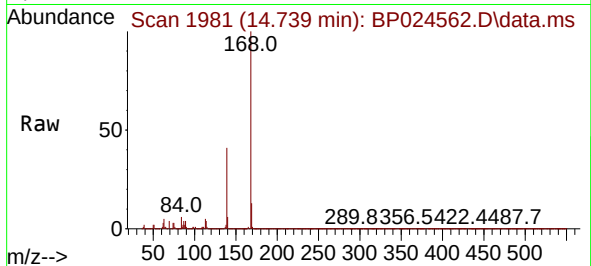




#55
Dibenzofuran
Concen: 43.267 ng
RT: 14.739 min Scan# 1981
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

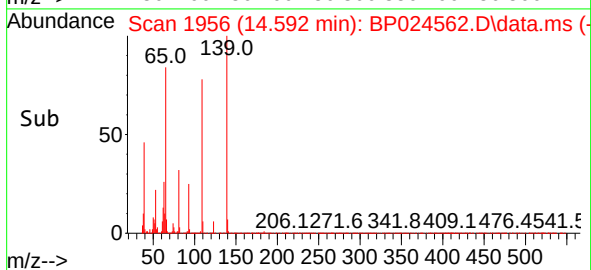
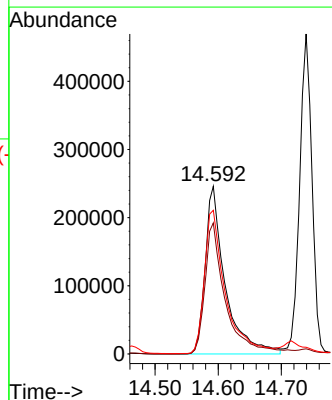
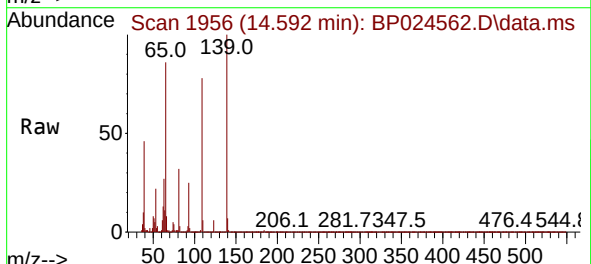
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

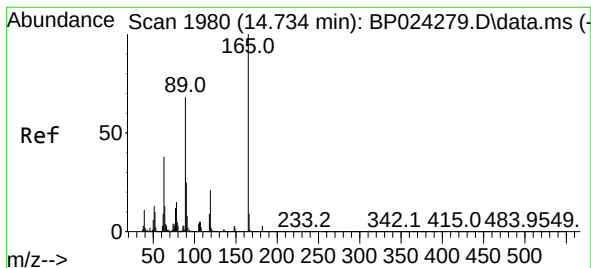
Tgt Ion:168 Resp: 1527310
Ion Ratio Lower Upper
168 100
139 41.0 30.3 45.5
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 98.241 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:139 Resp: 542331
Ion Ratio Lower Upper
139 100
109 78.2 46.1 86.1
65 85.7 65.0 105.0

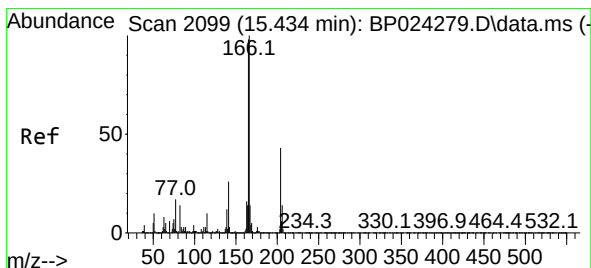
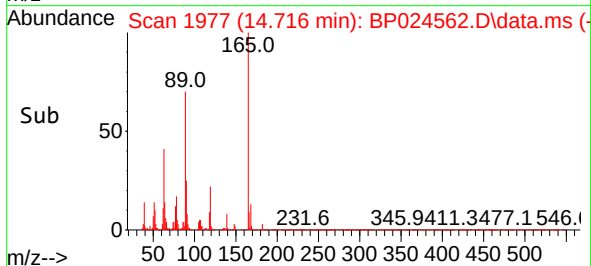
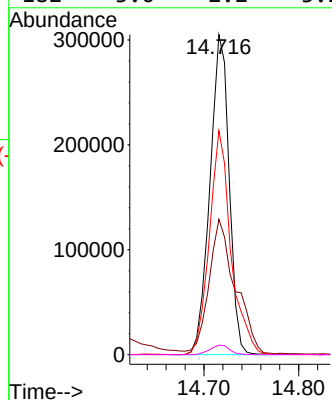
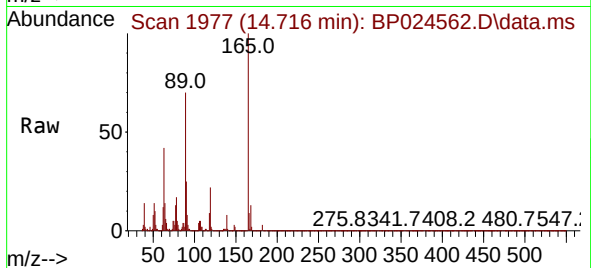




#57
2,4-Dinitrotoluene
Concen: 51.693 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

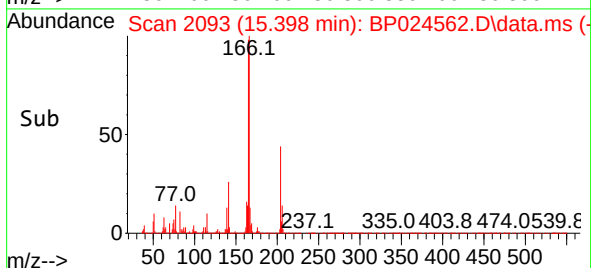
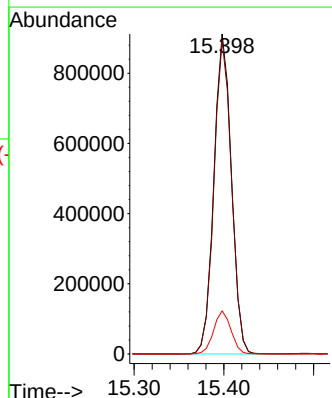
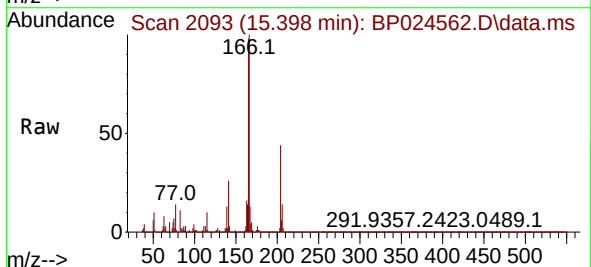
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

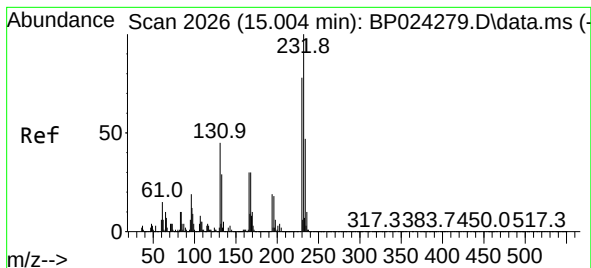
Tgt Ion:165 Resp: 428851
Ion Ratio Lower Upper
165 100
63 42.3 30.4 45.6
89 70.0 54.6 82.0
182 3.0 2.2 3.2



#58
Fluorene
Concen: 45.242 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:166 Resp: 1236303
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.064 ng

RT: 14.975 min Scan# 20

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

Tgt Ion:232 Resp: 353479

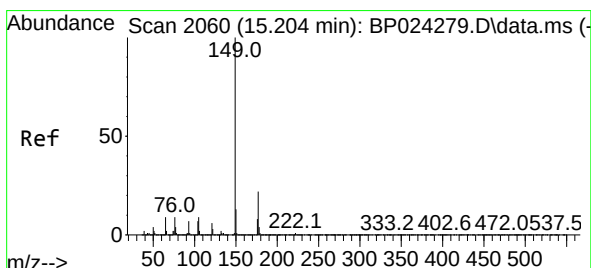
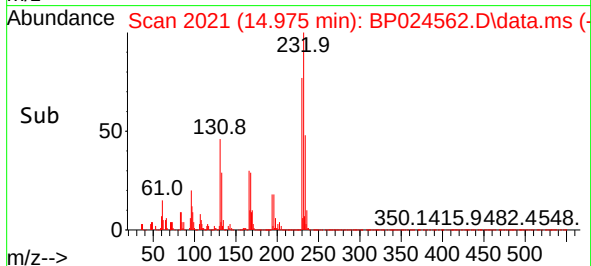
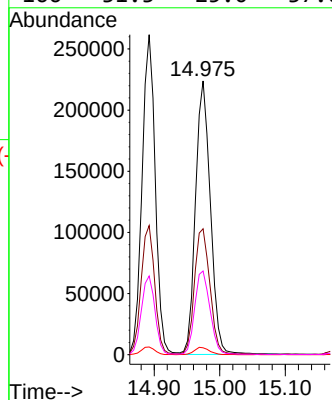
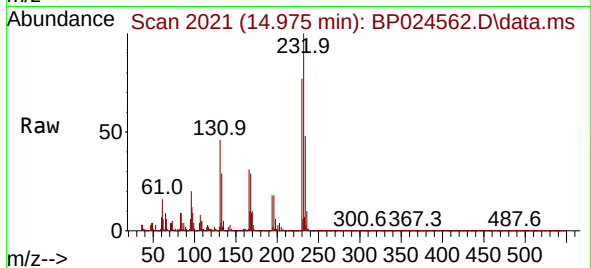
Ion Ratio Lower Upper

232 100

131 47.2 36.8 55.2

130 2.8 1.9 2.9

166 31.3 25.0 37.6



#60

Diethylphthalate

Concen: 45.623 ng

RT: 15.175 min Scan# 2055

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

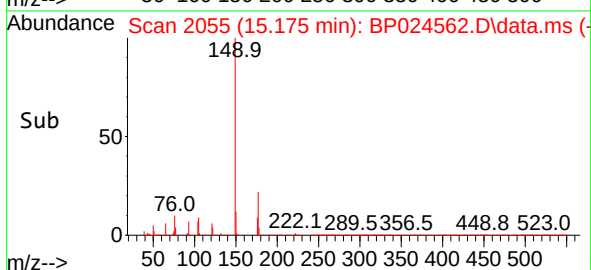
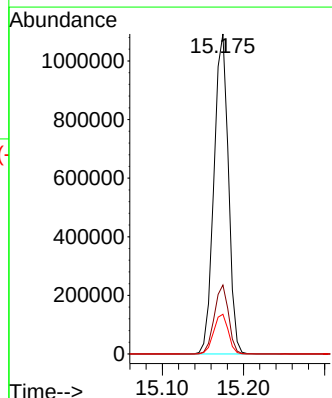
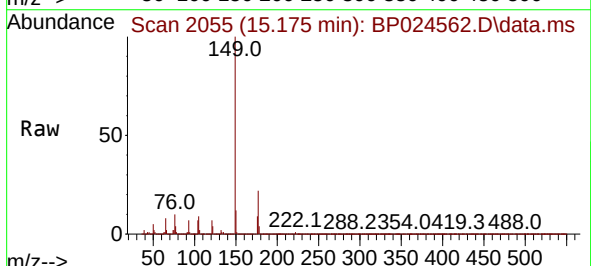
Tgt Ion:149 Resp: 1346542

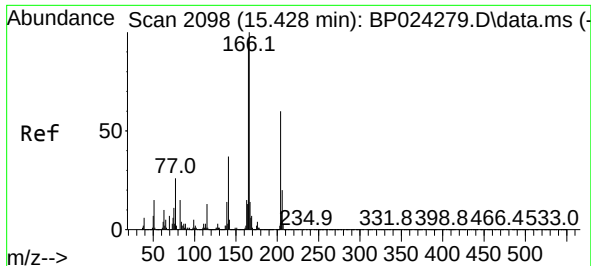
Ion Ratio Lower Upper

149 100

177 21.5 17.4 26.2

150 12.4 10.1 15.1

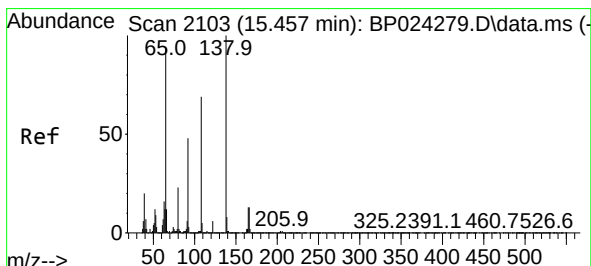
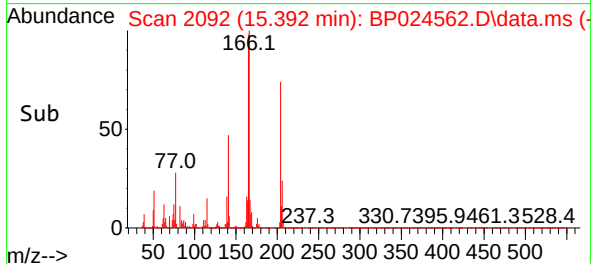
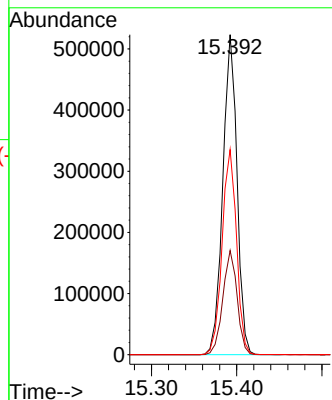
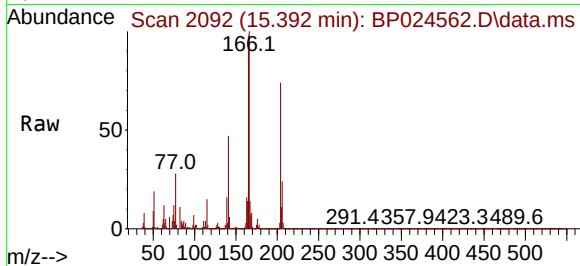




#61
4-Chlorophenyl-phenylether
Concen: 45.574 ng
RT: 15.392 min Scan# 2098
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

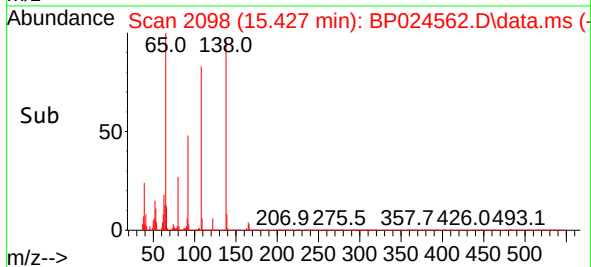
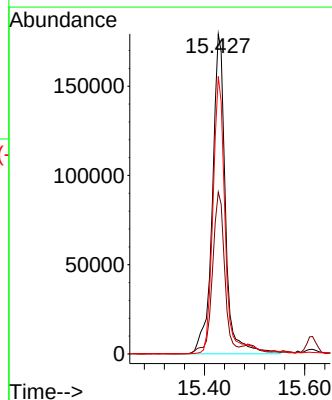
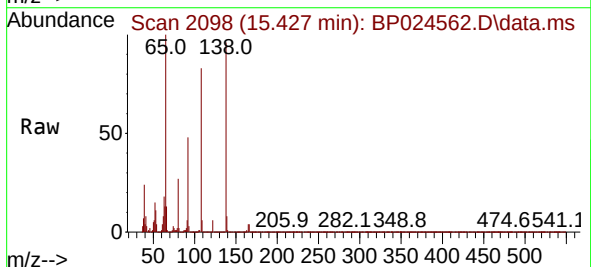
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

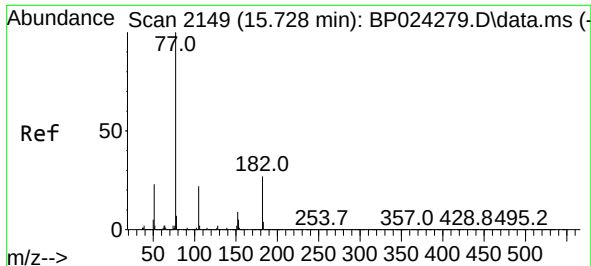
Tgt Ion:204 Resp: 604756
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 64.1 49.4 74.0



#62
4-Nitroaniline
Concen: 47.888 ng
RT: 15.427 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:138 Resp: 324042
Ion Ratio Lower Upper
138 100
92 50.6 27.8 67.8
108 86.7 48.9 88.9



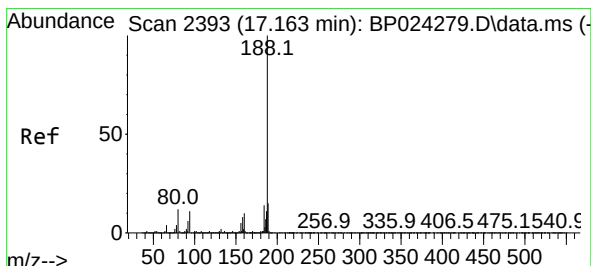
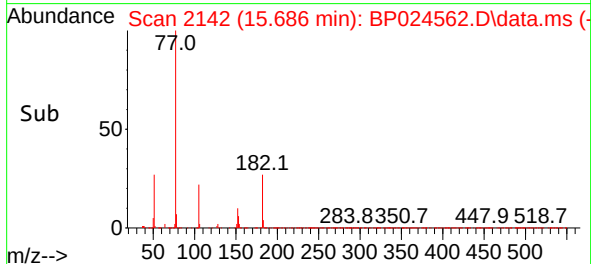
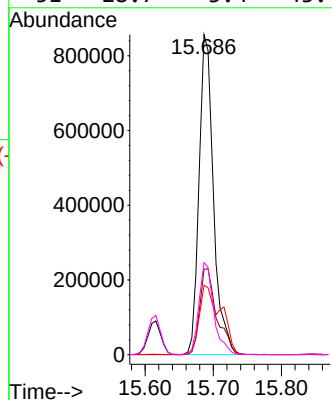
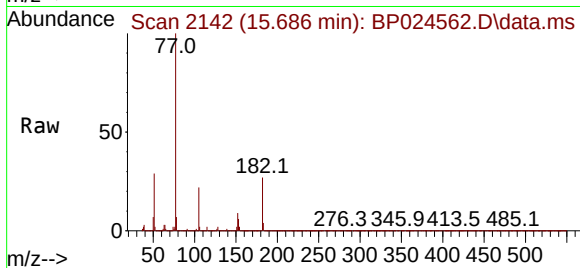


#63
Azobenzene
Concen: 46.347 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Instrument :
BNA_P
ClientSampleId :
MH-QMSD

Tgt Ion: 77 Resp: 1257263

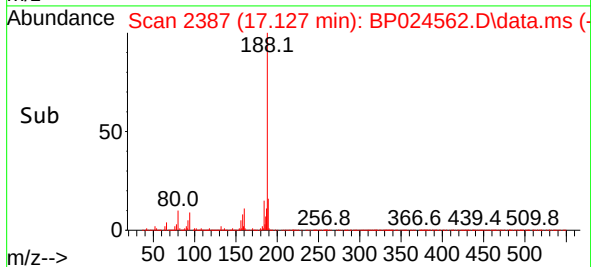
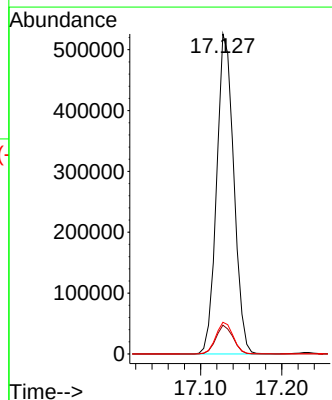
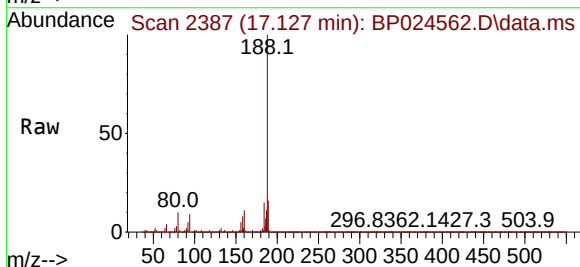
Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.3	47.3
105	21.7	2.3	42.3
51	28.7	3.4	43.4

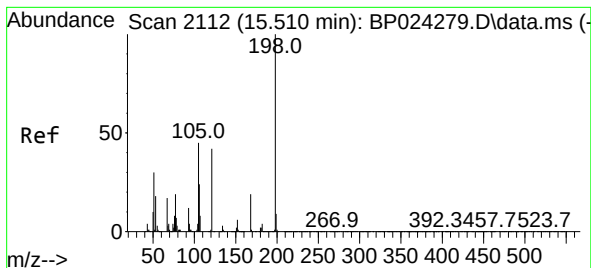


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 2387
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion: 188 Resp: 771993

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.6	13.0
80	9.9	9.8	14.6

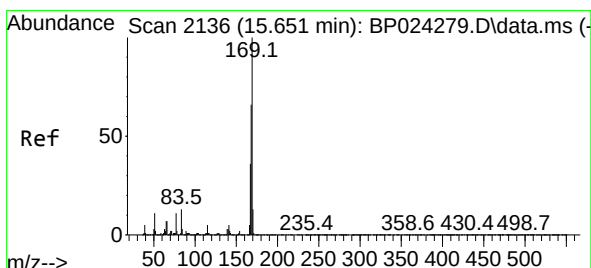
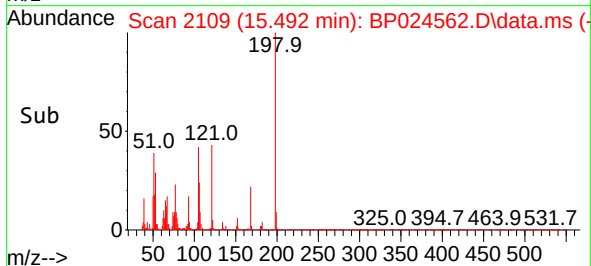
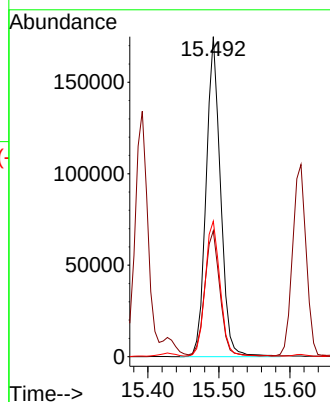
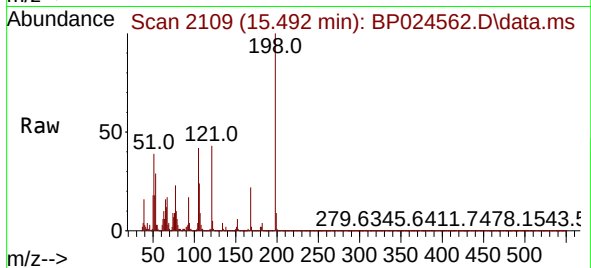




#65
4,6-Dinitro-2-methylphenol
Concen: 50.869 ng
RT: 15.492 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

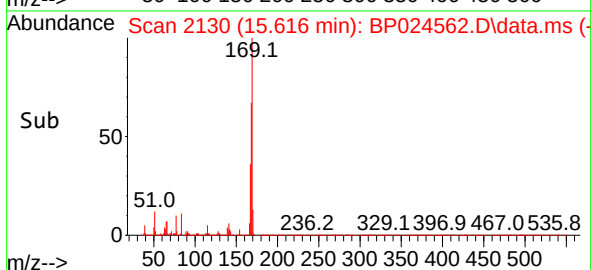
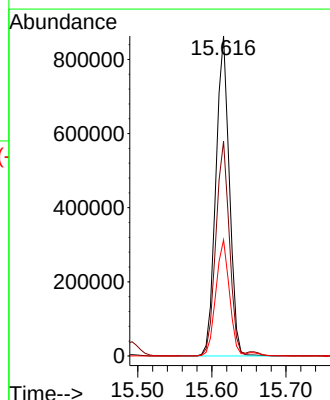
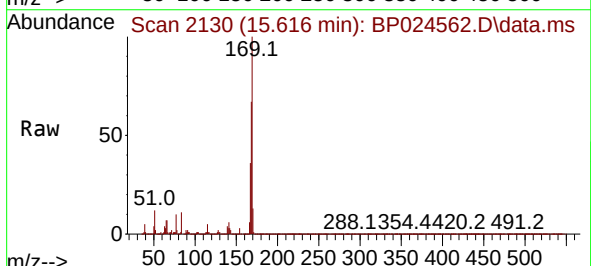
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

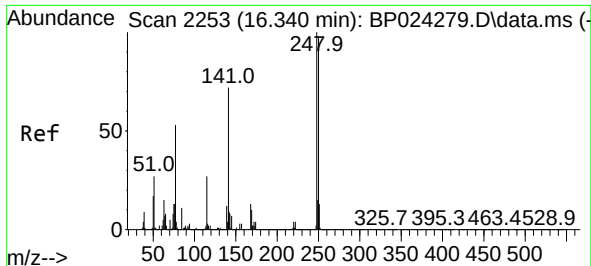
Tgt Ion:198 Resp: 247587
Ion Ratio Lower Upper
198 100
51 39.4 18.4 58.4
105 42.4 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 47.382 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:169 Resp: 1091788
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.4
167 36.3 28.9 43.3

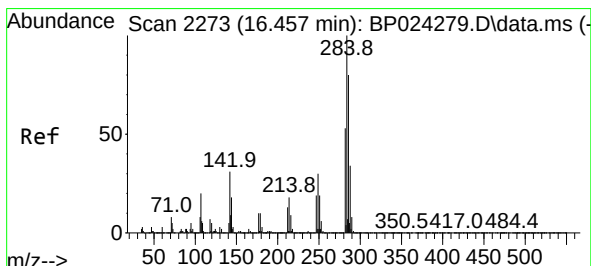
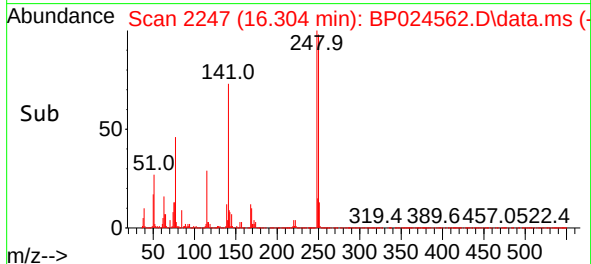
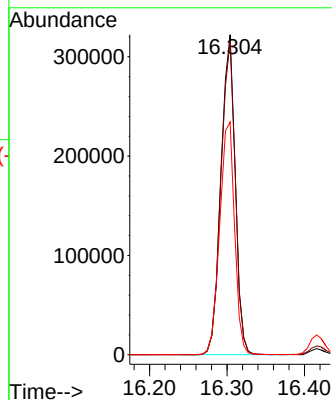
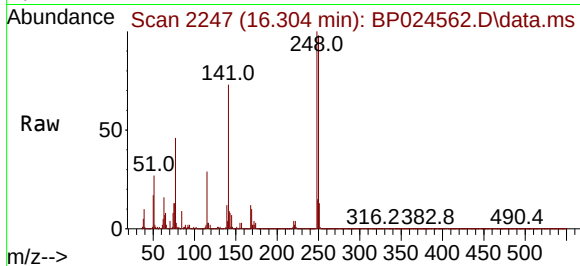




#67
4-Bromophenyl-phenylether
Concen: 49.050 ng
RT: 16.304 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

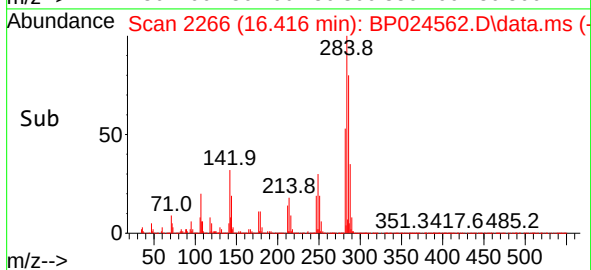
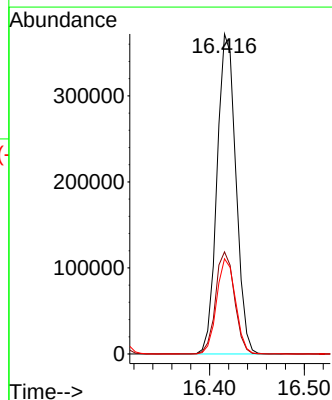
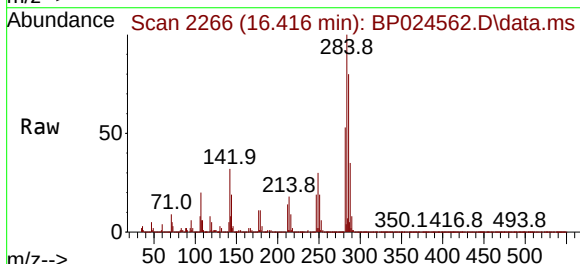
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

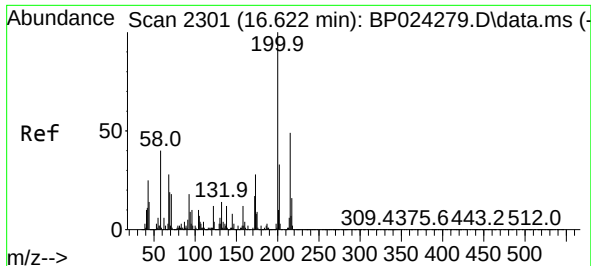
Tgt Ion:248 Resp: 414138
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 72.7 57.7 86.5



#68
Hexachlorobenzene
Concen: 51.247 ng
RT: 16.416 min Scan# 2266
Delta R.T. -0.024 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:284 Resp: 514146
Ion Ratio Lower Upper
284 100
142 31.9 24.6 37.0
249 29.7 23.8 35.6

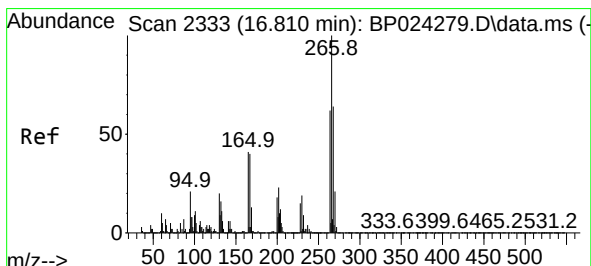
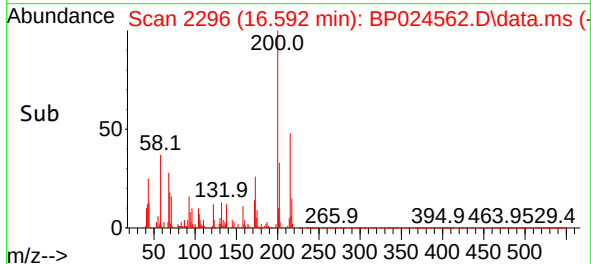
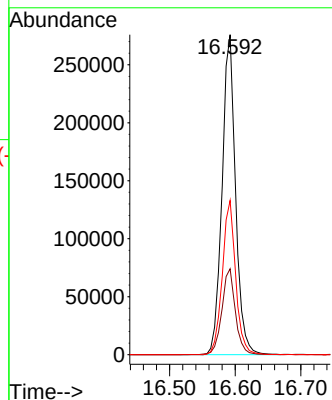
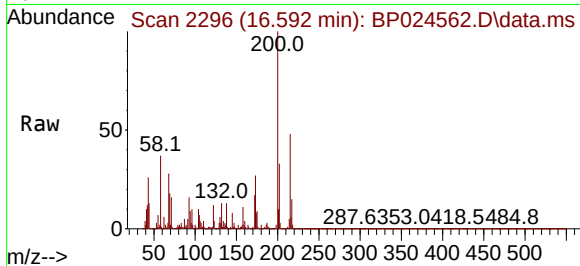




#69
 Atrazine
 Concen: 66.876 ng
 RT: 16.592 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP024562.D
 Acq: 07 May 2025 13:37

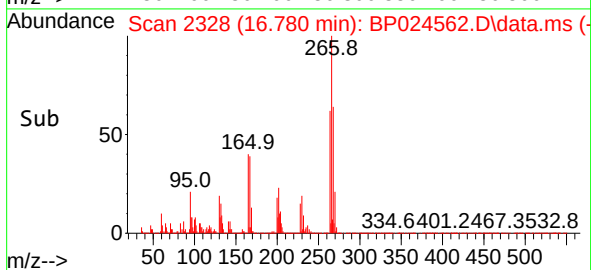
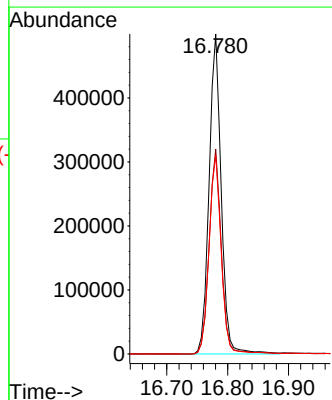
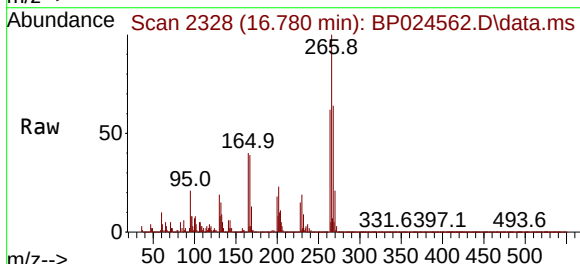
Instrument :
 BNA_P
 ClientSampleId :
 MH-QMSD

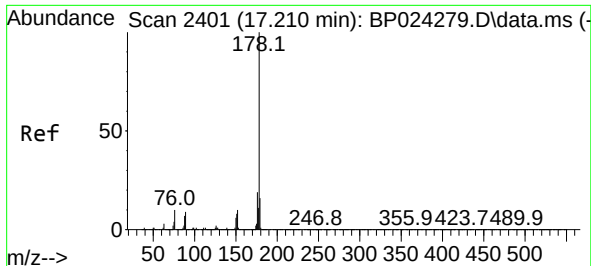
Tgt Ion:200 Resp: 392473
 Ion Ratio Lower Upper
 200 100
 173 26.9 7.5 47.5
 215 48.2 28.8 68.8



#70
 Pentachlorophenol
 Concen: 98.845 ng
 RT: 16.780 min Scan# 2328
 Delta R.T. -0.018 min
 Lab File: BP024562.D
 Acq: 07 May 2025 13:37

Tgt Ion:266 Resp: 691833
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.0 76.6
 264 62.2 49.8 74.6

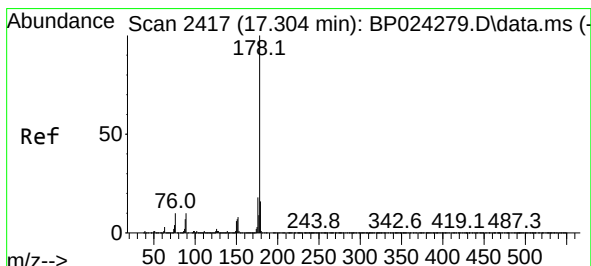
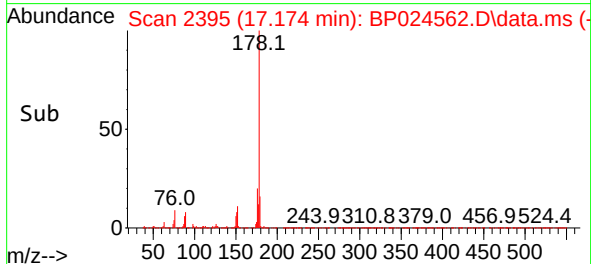
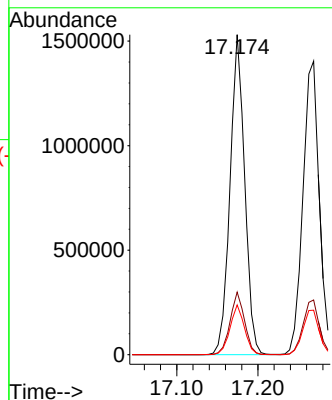
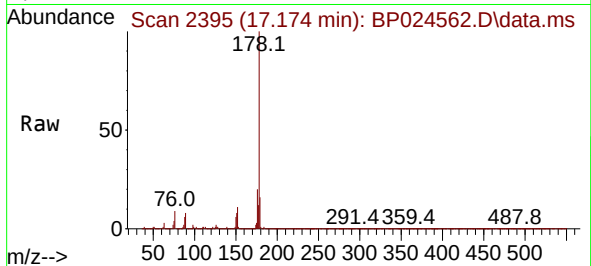




#71
Phenanthrene
Concen: 45.631 ng
RT: 17.174 min Scan# 211
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

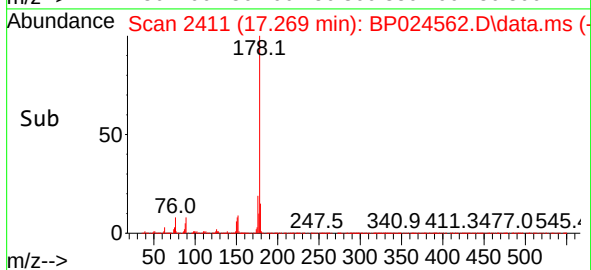
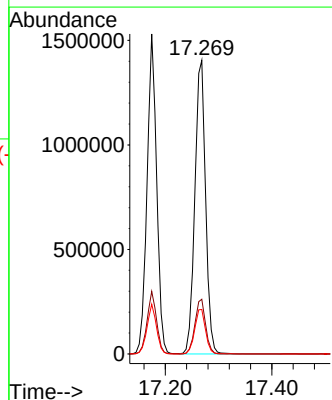
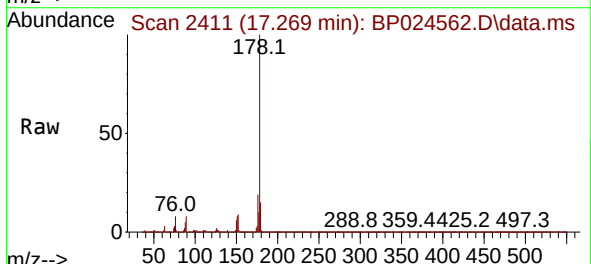
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

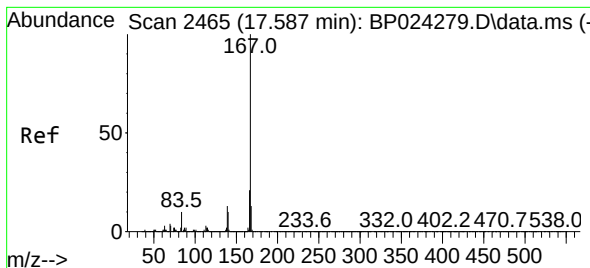
Tgt Ion:178 Resp: 1921721
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.5 12.5 18.7



#72
Anthracene
Concen: 48.511 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:178 Resp: 1969025
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.2 12.4 18.6





#73

Carbazole

Concen: 47.475 ng

RT: 17.551 min Scan# 2465

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

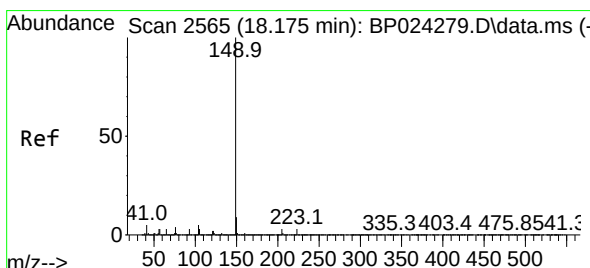
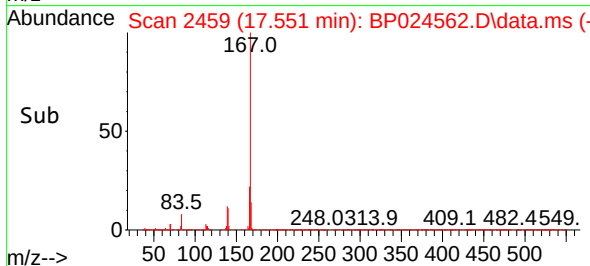
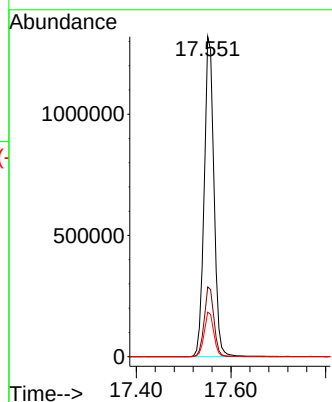
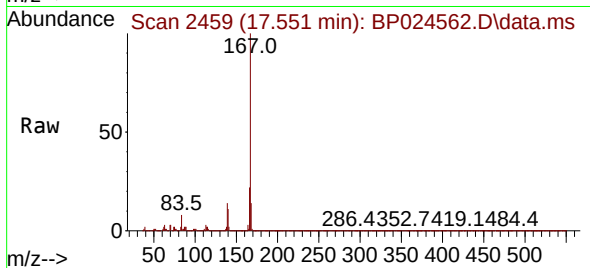
Tgt Ion:167 Resp: 1882845

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 13.9 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.518 ng

RT: 18.133 min Scan# 2558

Delta R.T. -0.024 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

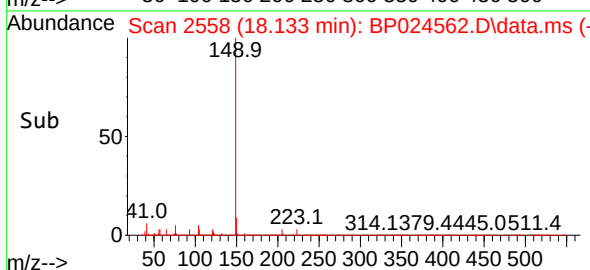
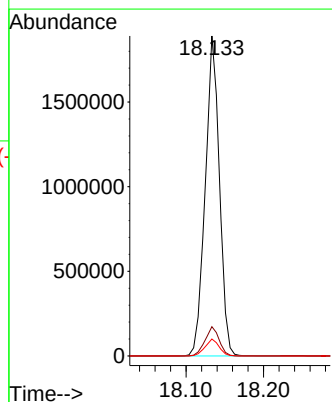
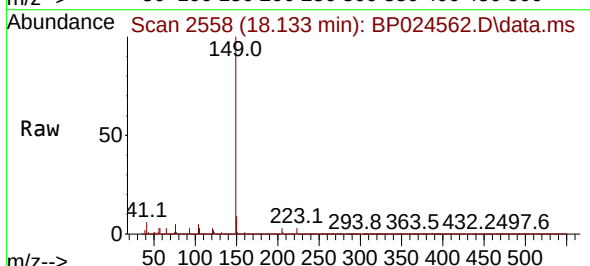
Tgt Ion:149 Resp: 2397286

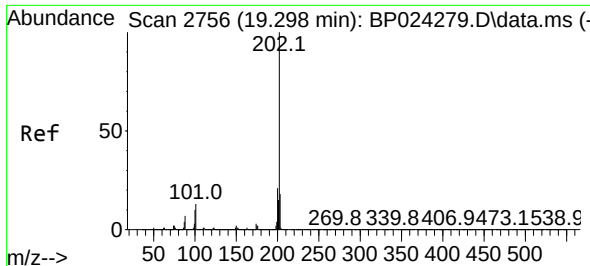
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.3 3.9 5.9

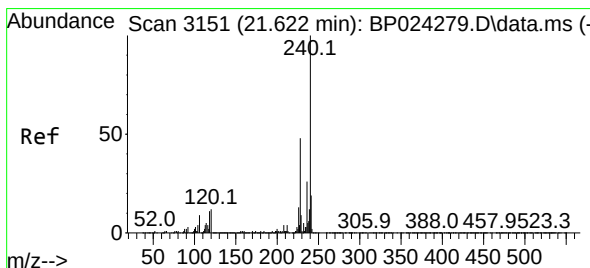
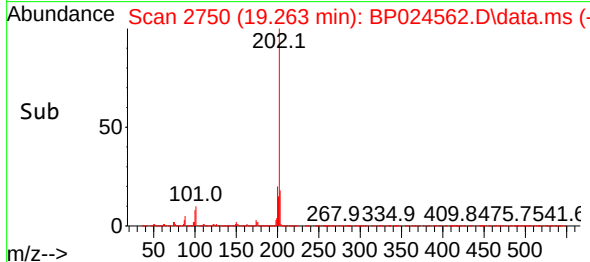
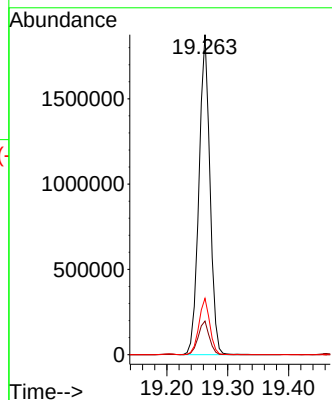
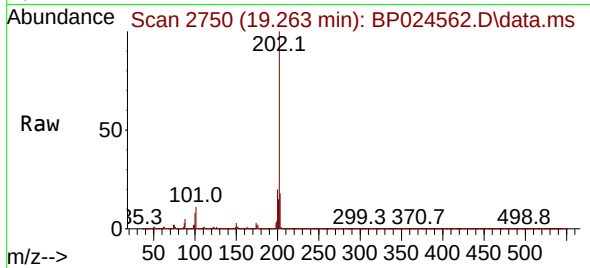




#75
Fluoranthene
Concen: 46.706 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

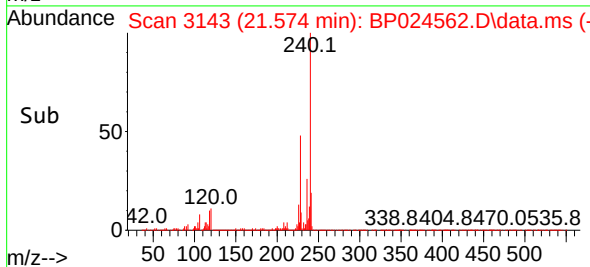
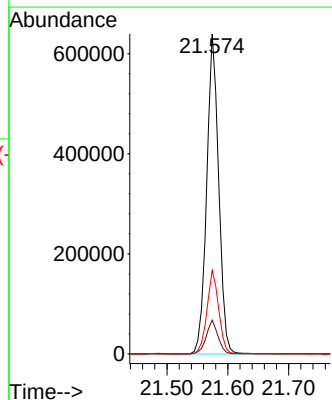
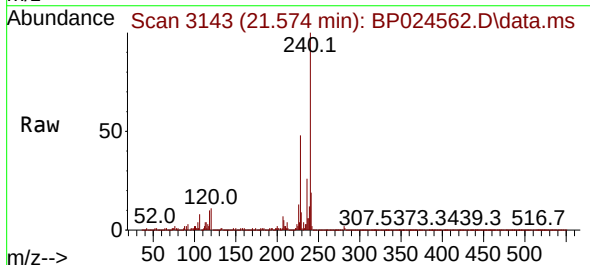
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

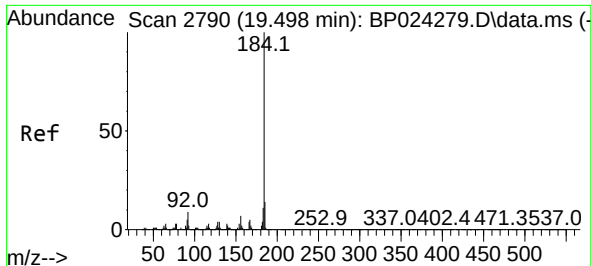
Tgt Ion:202 Resp: 2339401
Ion Ratio Lower Upper
202 100
101 10.5 0.0 33.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:240 Resp: 874555
Ion Ratio Lower Upper
240 100
120 10.5 9.8 14.8
236 26.1 20.9 31.3

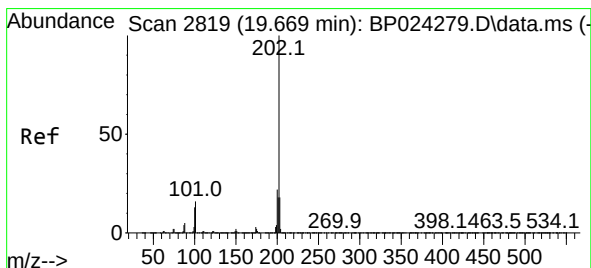
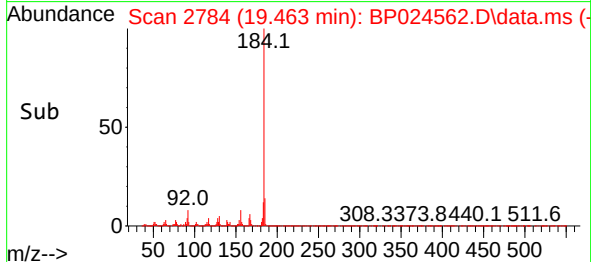
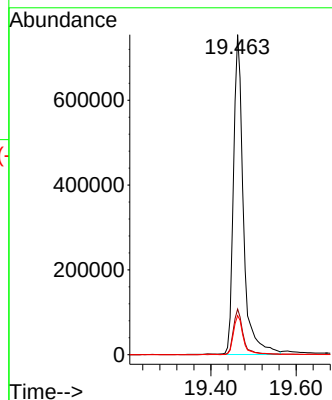
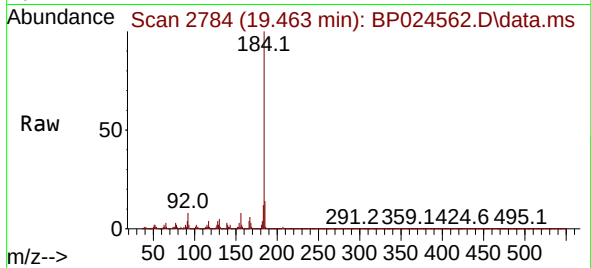




#77
Benzidine
Concen: 110.073 ng
RT: 19.463 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

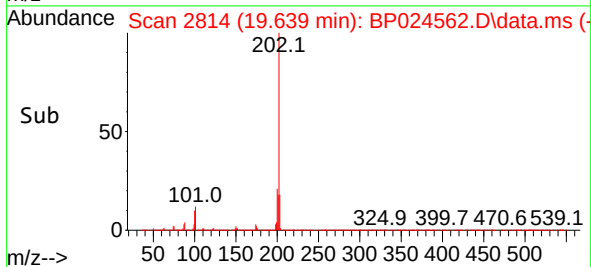
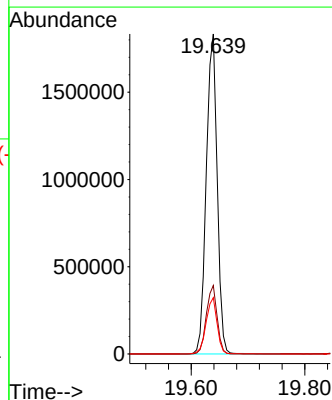
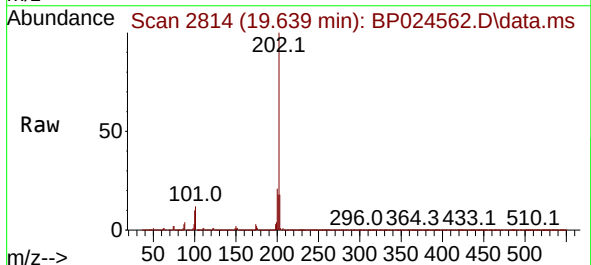
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

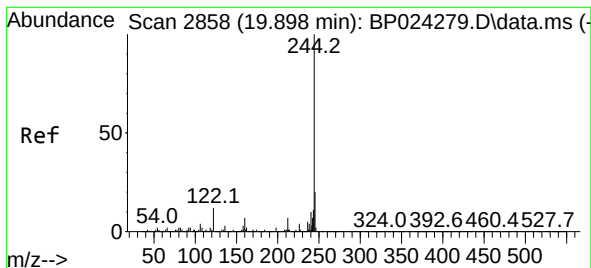
Tgt Ion:184 Resp: 1220239
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 12.2 9.2 13.8



#78
Pyrene
Concen: 43.742 ng
RT: 19.639 min Scan# 2814
Delta R.T. -0.012 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:202 Resp: 2431140
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 48.124 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

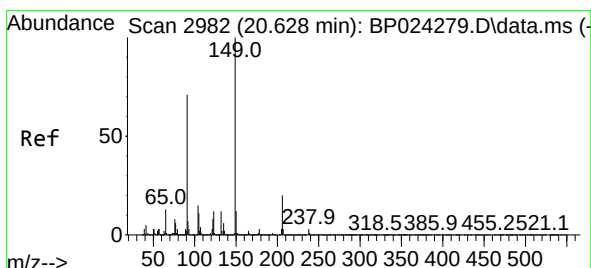
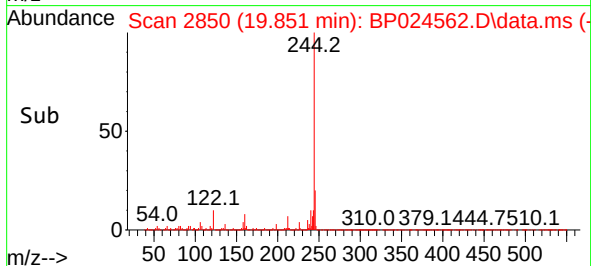
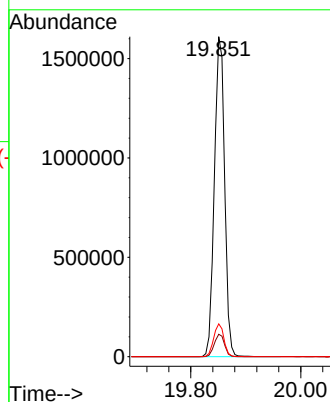
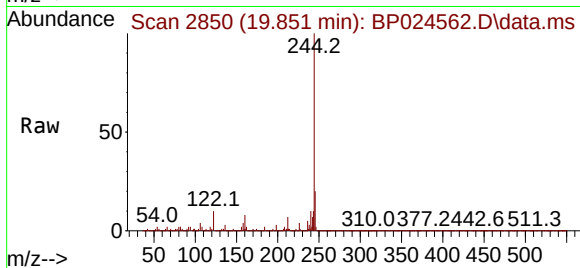
Tgt Ion:244 Resp: 2088015

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.3 9.4 14.0



#80

Butylbenzylphthalate

Concen: 48.757 ng

RT: 20.586 min Scan# 2975

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

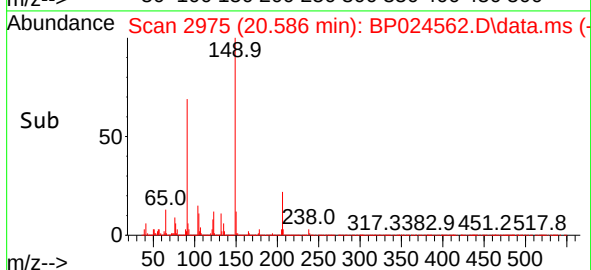
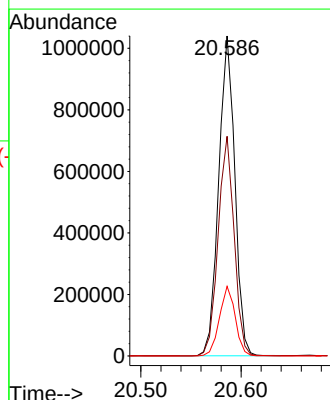
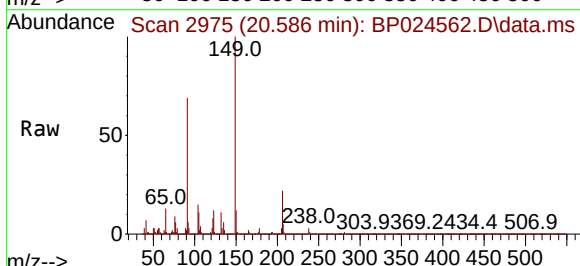
Tgt Ion:149 Resp: 1160705

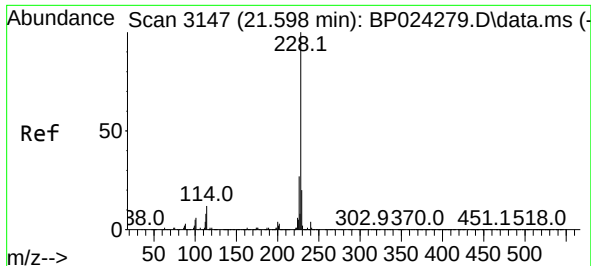
Ion Ratio Lower Upper

149 100

91 68.7 56.4 84.6

206 21.8 16.3 24.5

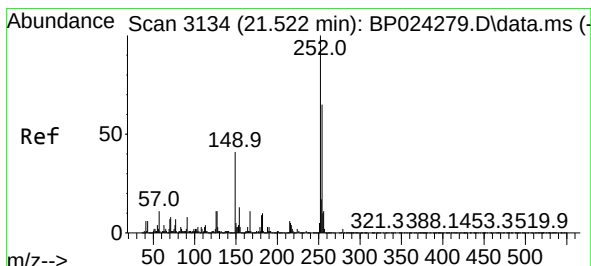
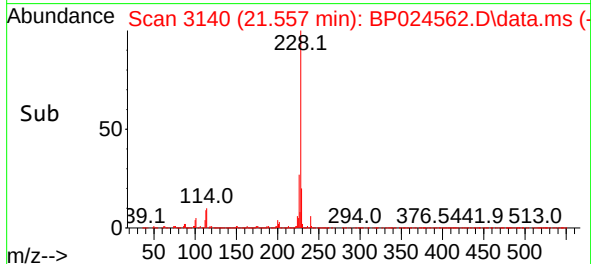
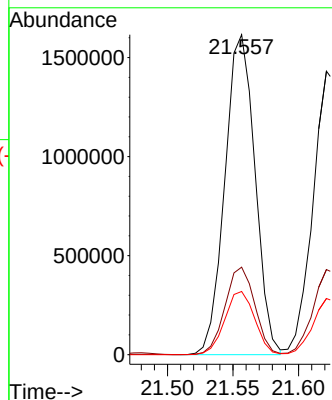
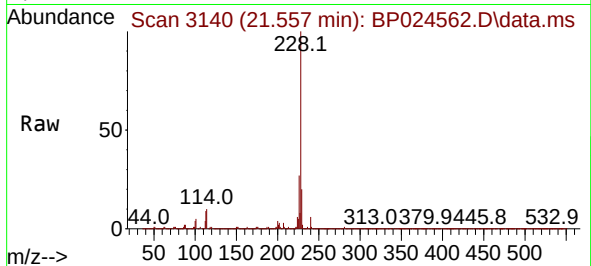




#81
Benzo(a)anthracene
Concen: 47.511 ng
RT: 21.557 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

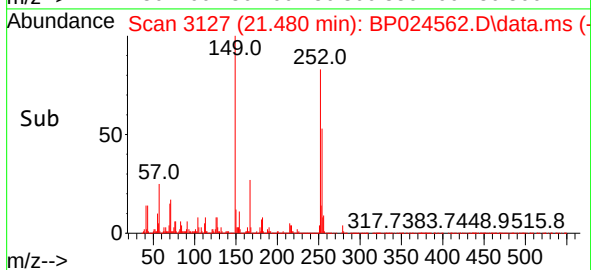
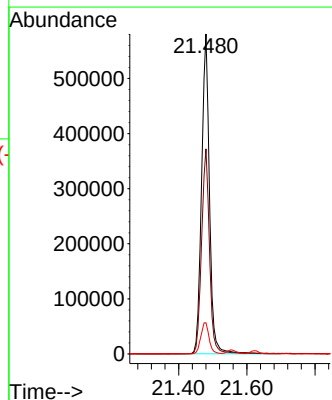
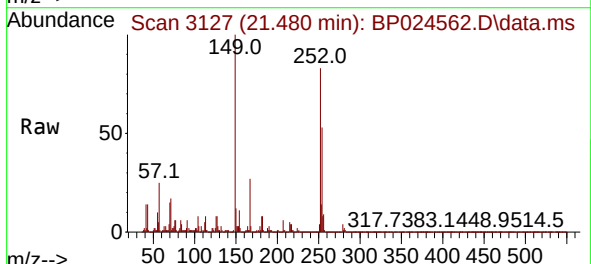
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

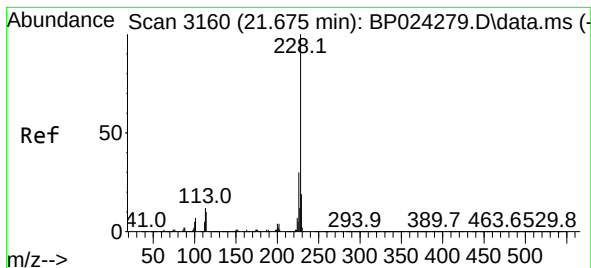
Tgt Ion:228 Resp: 2582660
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 49.202 ng
RT: 21.480 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:252 Resp: 938740
Ion Ratio Lower Upper
252 100
254 64.1 51.7 77.5
126 9.7 8.8 13.2





#83

Chrysene

Concen: 45.769 ng

RT: 21.621 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

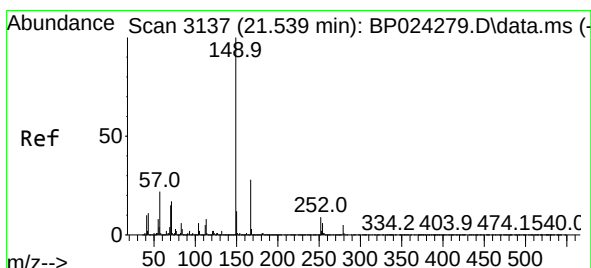
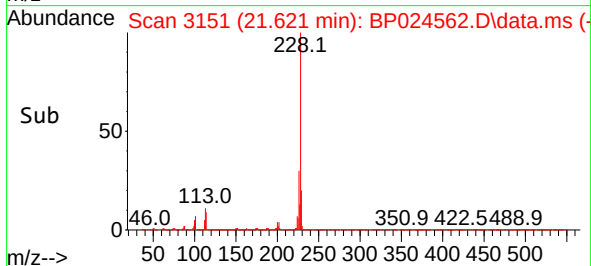
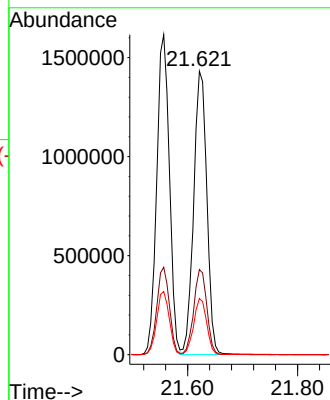
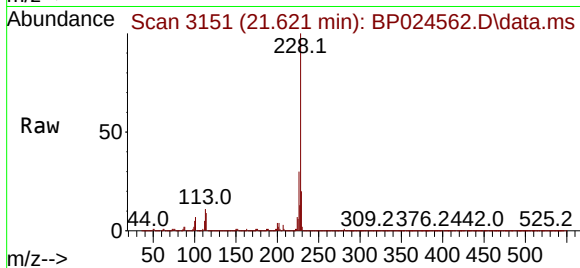
Tgt Ion:228 Resp: 2383597

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.397 ng

RT: 21.492 min Scan# 3129

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

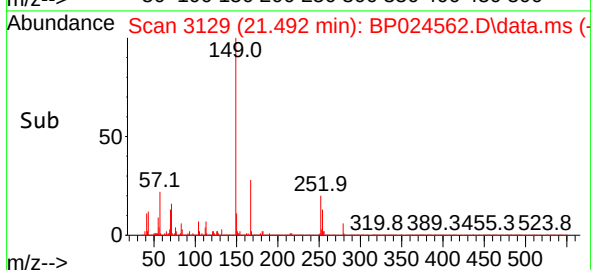
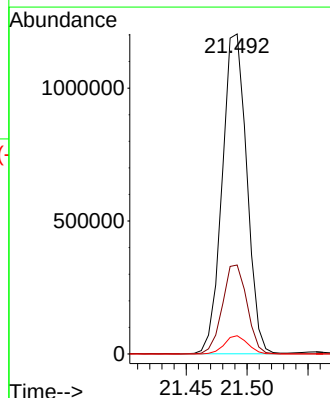
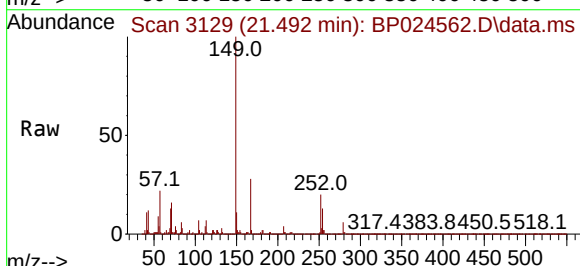
Tgt Ion:149 Resp: 1688963

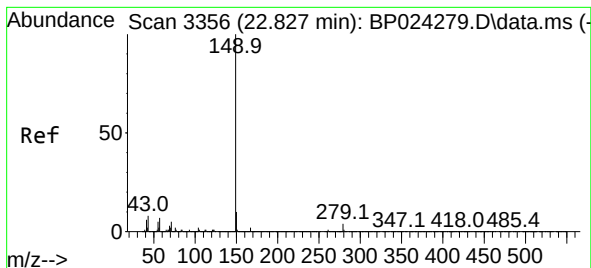
Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

279 5.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 52.091 ng

RT: 22.762 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

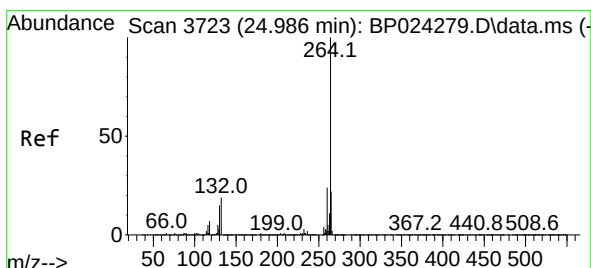
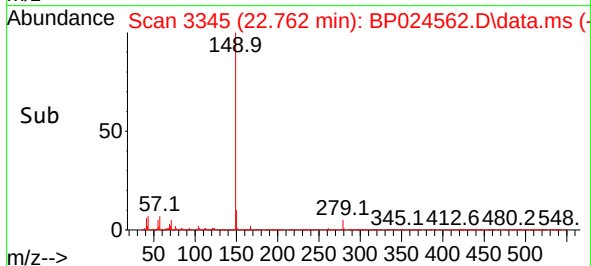
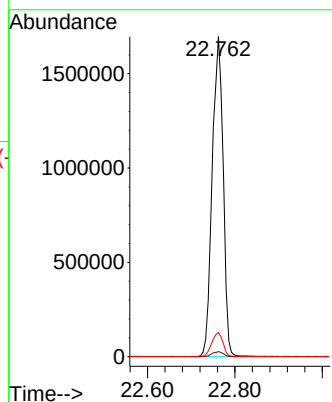
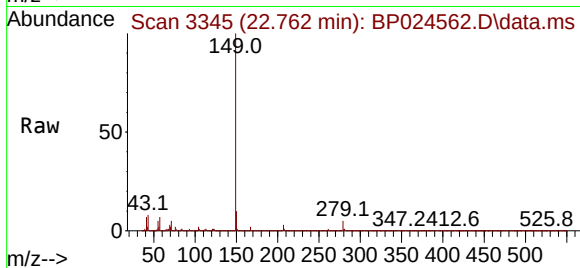
Tgt Ion:149 Resp: 2955365

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.6 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.898 min Scan# 3708

Delta R.T. -0.035 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

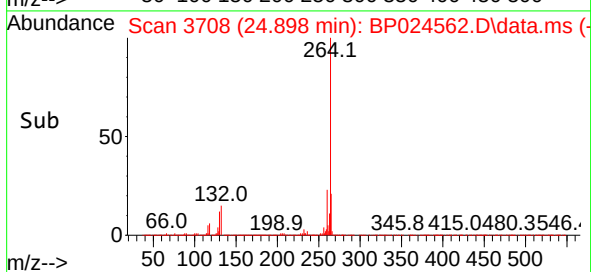
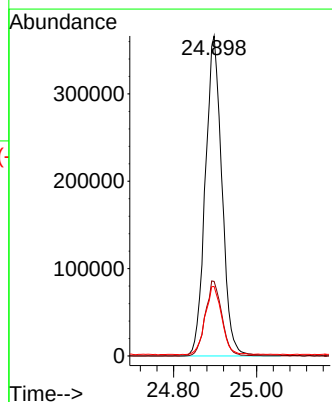
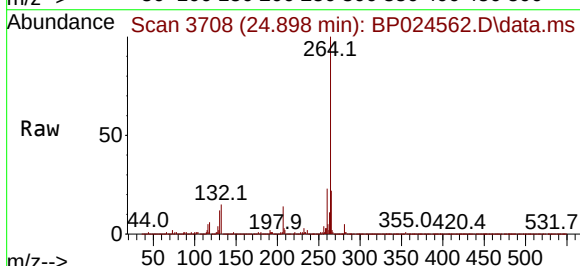
Tgt Ion:264 Resp: 1014332

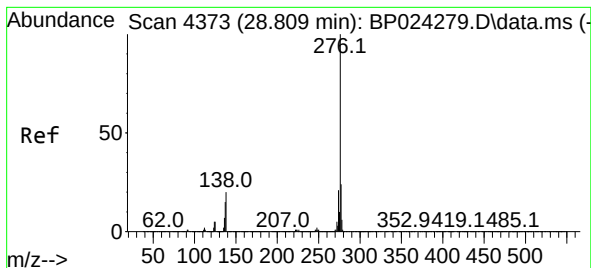
Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.012 ng

RT: 28.674 min Scan# 41

Delta R.T. -0.065 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

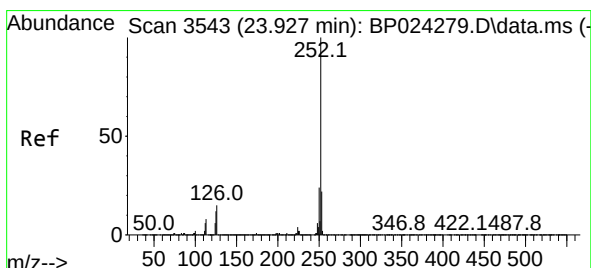
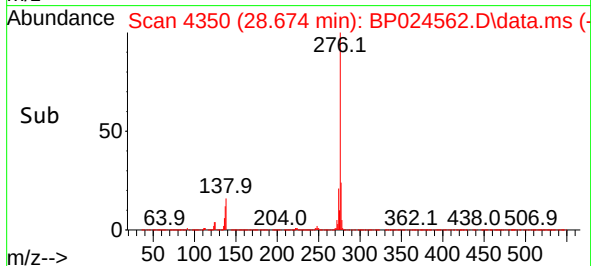
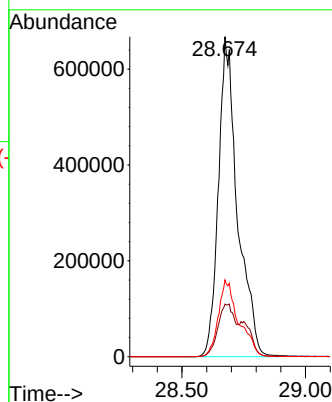
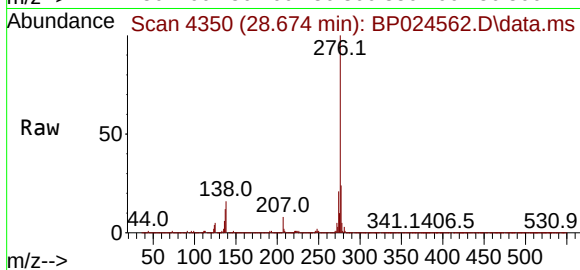
Tgt Ion:276 Resp: 3592229

Ion Ratio Lower Upper

276 100

138 14.7 14.5 21.7

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.556 ng

RT: 23.921 min Scan# 3542

Delta R.T. 0.035 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

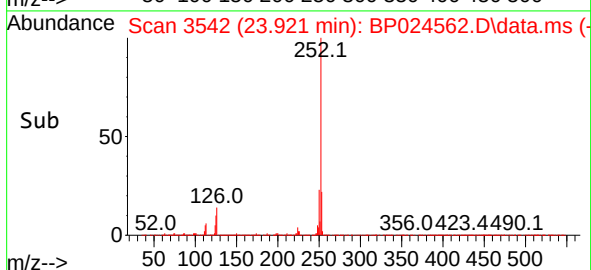
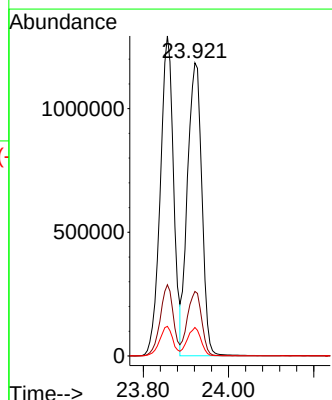
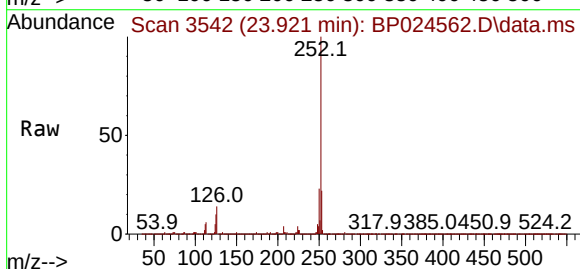
Tgt Ion:252 Resp: 2769797

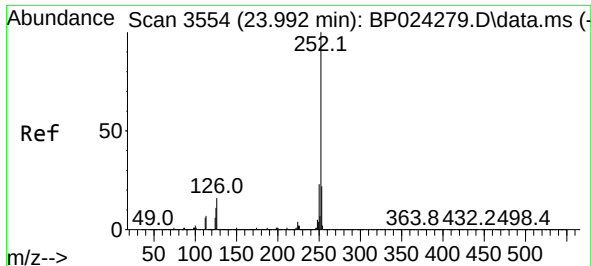
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.7 9.4 14.0

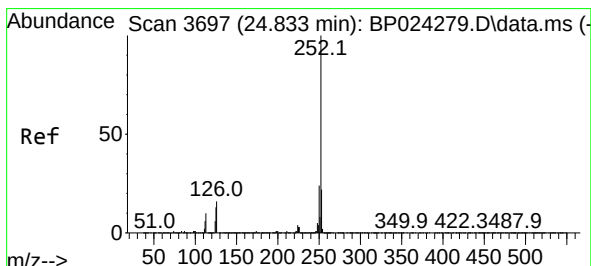
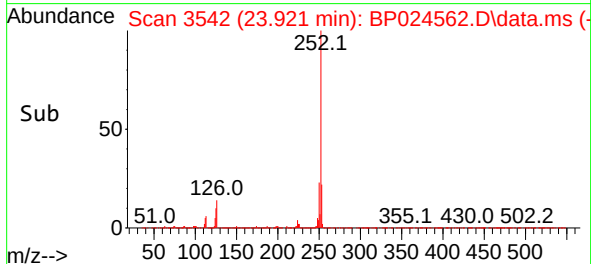
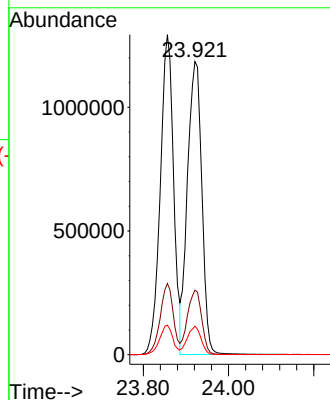
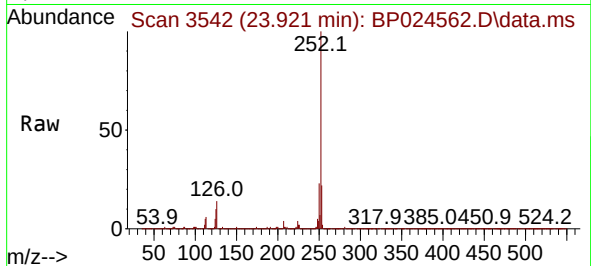




#89
Benzo(k)fluoranthene
Concen: 47.162 ng
RT: 23.921 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

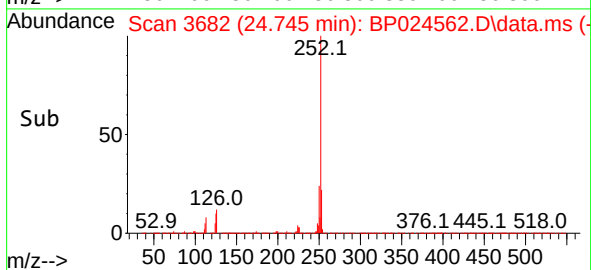
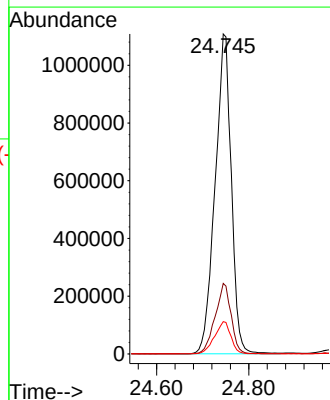
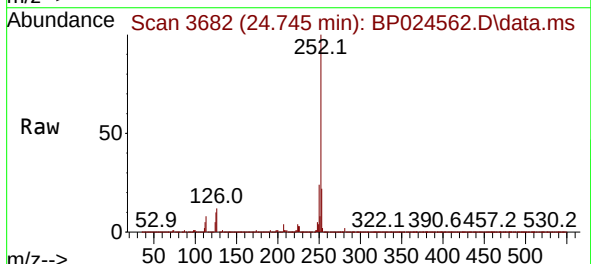
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

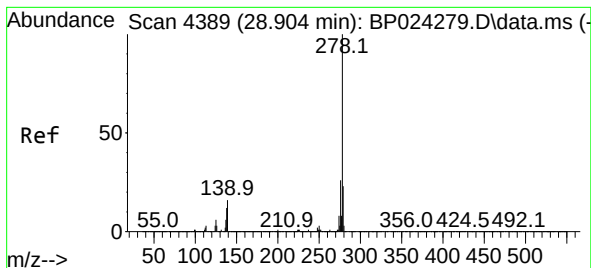
Tgt Ion:252 Resp: 2769797
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.7 9.1 13.7



#90
Benzo(a)pyrene
Concen: 51.419 ng
RT: 24.745 min Scan# 3682
Delta R.T. -0.035 min
Lab File: BP024562.D
Acq: 07 May 2025 13:37

Tgt Ion:252 Resp: 2696702
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.1 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 50.732 ng

RT: 28.750 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

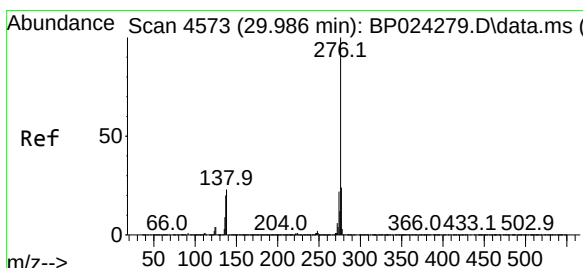
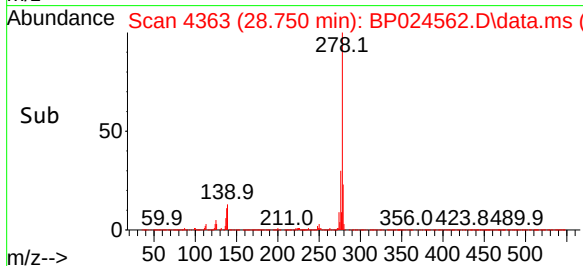
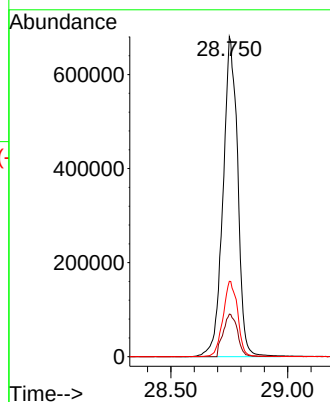
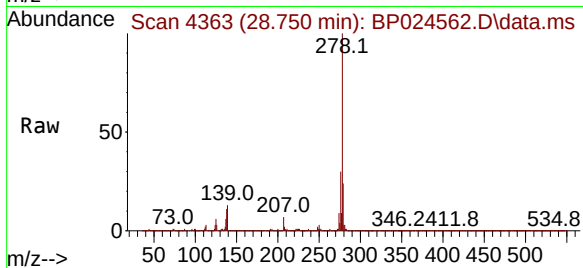
Tgt Ion:278 Resp: 2965315

Ion Ratio Lower Upper

278 100

139 13.3 12.6 19.0

279 23.5 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 48.158 ng

RT: 29.856 min Scan# 4551

Delta R.T. -0.041 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Tgt Ion:276 Resp: 2865086

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 18.7 18.7 28.1#

