

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
 Data File : BP024564.D
 Acq On : 07 May 2025 15:21
 Operator : RC/JU
 Sample : Q1947-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-PMS

Quant Time: May 07 15:44:13 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	7.705	152	137431	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	539851	20.000	ng	#-0.03
39) Acenaphthene-d10	14.334	164	350229	20.000	ng	-0.02
64) Phenanthrene-d10	17.128	188	716225	20.000	ng	-0.02
76) Chrysene-d12	21.580	240	833845	20.000	ng	#-0.01
86) Perylene-d12	24.915	264	967952	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1022841	123.060	ng	-0.01
7) Phenol-d6	6.893	99	1179744	103.658	ng	-0.02
23) Nitrobenzene-d5	8.852	82	842653	89.004	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	807969	166.743	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1938445	84.744	ng	-0.02
79) Terphenyl-d14	19.857	244	3807028	92.027	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	125379	35.663	ng	# 77
3) Pyridine	3.681	79	306732	33.041	ng	92
4) n-Nitrosodimethylamine	3.581	42	147668	47.929	ng	# 73
6) Aniline	7.046	93	348677	34.285	ng	99
8) 2-Chlorophenol	7.281	128	404257	43.562	ng	99
9) Benzaldehyde	6.858	77	134192	23.836	ng	96
10) Phenol	6.922	94	424464	37.178	ng	89
11) bis(2-Chloroethyl)ether	7.134	93	364946	39.674	ng	99
12) 1,3-Dichlorobenzene	7.593	146	408497	40.888	ng	98
13) 1,4-Dichlorobenzene	7.740	146	418436	41.280	ng	99
14) 1,2-Dichlorobenzene	8.046	146	405160	41.393	ng	98
15) Benzyl Alcohol	7.946	79	347471	47.209	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	402549	40.486	ng	99
17) 2-Methylphenol	8.152	107	330185	44.706	ng	97
18) Hexachloroethane	8.763	117	157287	42.936	ng	99
19) n-Nitroso-di-n-propyla...	8.499	70	278687	39.580	ng	93
20) 3+4-Methylphenols	8.481	107	443259	43.254	ng	98
22) Acetophenone	8.516	105	586953	43.928	ng	96
24) Nitrobenzene	8.893	77	420112	44.856	ng	99
25) Isophorone	9.416	82	795574	46.425	ng	97
26) 2-Nitrophenol	9.593	139	218280	47.624	ng	# 92
27) 2,4-Dimethylphenol	9.663	122	384022	66.728	ng	98
28) bis(2-Chloroethoxy)met...	9.887	93	478788	41.358	ng	99
29) 2,4-Dichlorophenol	10.146	162	377358	48.090	ng	99
30) 1,2,4-Trichlorobenzene	10.340	180	380347	45.240	ng	99
31) Naphthalene	10.522	128	1225557	43.097	ng	99
32) Benzoic acid	9.828	122	252553	37.661	ng	98
33) 4-Chloroaniline	10.652	127	192663	19.238	ng	97
34) Hexachlorobutadiene	10.804	225	242647	49.114	ng	99
35) Caprolactam	11.446	113	118100	40.789	ng	96
36) 4-Chloro-3-methylphenol	11.781	107	451843	49.436	ng	98
37) 2-Methylnaphthalene	12.134	142	782675	39.686	ng	97
38) 1-Methylnaphthalene	12.351	142	822790	42.646	ng	100
40) 1,2,4,5-Tetrachloroben...	12.504	216	437486	45.423	ng	98
41) Hexachlorocyclopentadiene	12.481	237	582676	171.056	ng	100
43) 2,4,6-Trichlorophenol	12.751	196	326288	50.955	ng	99

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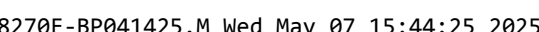
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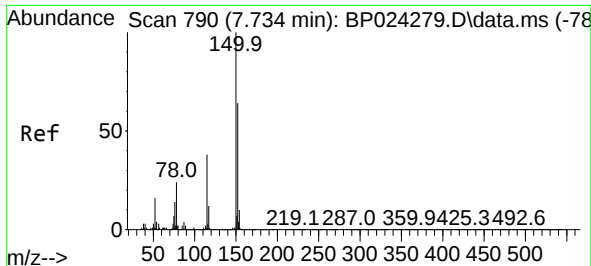
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	356408	50.262	ng	99
46) 1,1'-Biphenyl	13.151	154	1124778	43.691	ng	98
47) 2-Chloronaphthalene	13.198	162	867120	45.068	ng	98
48) 2-Nitroaniline	13.410	65	285573	52.913	ng	96
49) Acenaphthylene	14.051	152	1473000	48.626	ng	100
50) Dimethylphthalate	13.793	163	1271804	49.935	ng	100
51) 2,6-Dinitrotoluene	13.910	165	271753	50.247	ng	92
52) Acenaphthene	14.392	154	856876	44.618	ng	99
53) 3-Nitroaniline	14.251	138	255065	44.872	ng	100
54) 2,4-Dinitrophenol	14.463	184	370652	116.346	ng	92
55) Dibenzofuran	14.734	168	1380207	43.968	ng	96
56) 4-Nitrophenol	14.592	139	455200	92.723	ng	90
57) 2,4-Dinitrotoluene	14.710	165	410058	55.581	ng	98
58) Fluorene	15.398	166	1129048	46.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	327341	50.052	ng	98
60) Diethylphthalate	15.169	149	1281017	48.807	ng	100
61) 4-Chlorophenyl-phenyle...	15.392	204	556252	47.138	ng	97
62) 4-Nitroaniline	15.434	138	287865	47.838	ng	84
63) Azobenzene	15.692	77	1059416	43.916	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	235526	52.159	ng	96
66) n-Nitrosodiphenylamine	15.610	169	1015090	47.484	ng	99
67) 4-Bromophenyl-phenylether	16.310	248	390541	49.857	ng	100
68) Hexachlorobenzene	16.428	284	488168	52.446	ng	99
69) Atrazine	16.592	200	382793	70.306	ng	98
70) Pentachlorophenol	16.781	266	670241	103.217	ng	99
71) Phenanthrene	17.175	178	1833269	46.920	ng	100
72) Anthracene	17.269	178	1895993	50.349	ng	100
73) Carbazole	17.557	167	1819229	49.443	ng	99
74) Di-n-butylphthalate	18.139	149	2329470	50.817	ng	100
75) Fluoranthene	19.263	202	2261850	48.674	ng	96
77) Benzidine	19.463	184	749370	70.898	ng	100
78) Pyrene	19.633	202	2351241	44.370	ng	100
80) Butylbenzylphthalate	20.586	149	1125585	49.590	ng	97
81) Benzo(a)anthracene	21.557	228	2513406	48.495	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	619930	34.079	ng	98
83) Chrysene	21.627	228	2338368	47.093	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	1639970	49.287	ng	99
85) Di-n-octyl phthalate	22.757	149	2820486	52.141	ng	100
87) Indeno(1,2,3-cd)pyrene	28.680	276	1524544	22.687	ng #	83
88) Benzo(b)fluoranthene	23.851	252	2665441	45.940	ng #	97
89) Benzo(k)fluoranthene	23.851	252	2665441	47.560	ng	97
90) Benzo(a)pyrene	24.745	252	2581161	51.574	ng #	97
91) Dibenzo(a,h)anthracene	28.762	278	2858954	51.256	ng	97
92) Benzo(g,h,i)perylene	29.868	276	2784038	49.038	ng #	95

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

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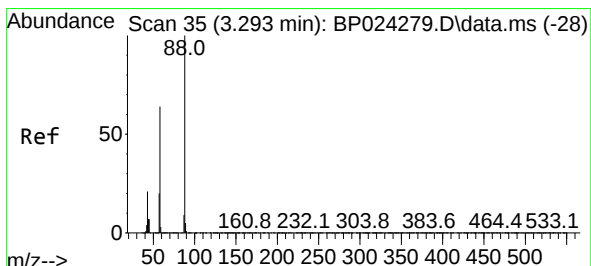
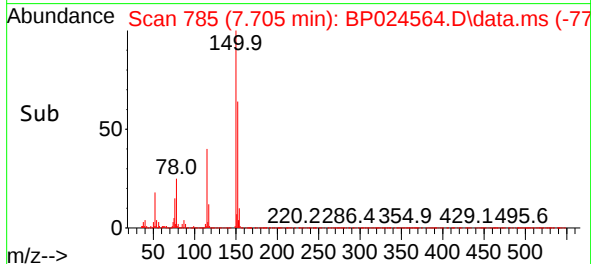
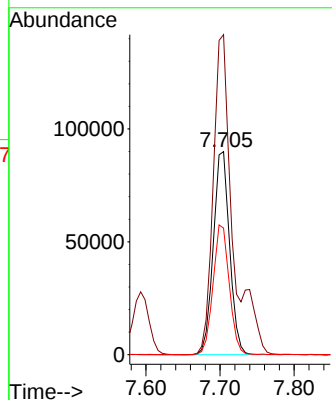
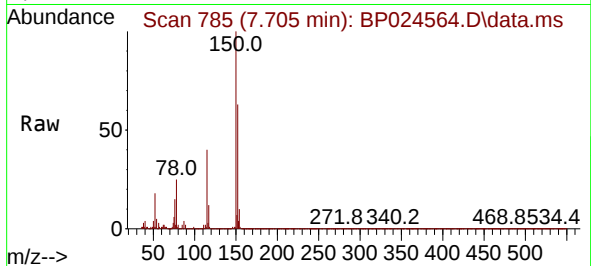




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

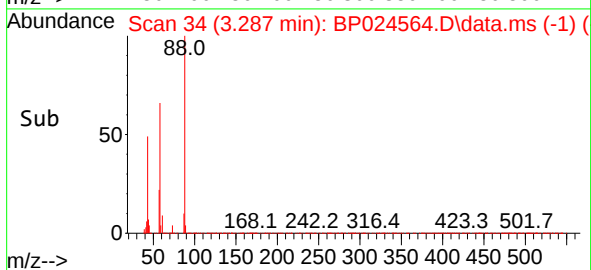
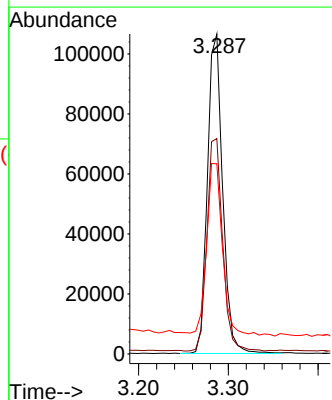
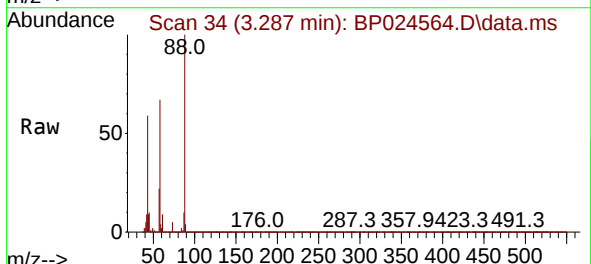
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MH-PMS

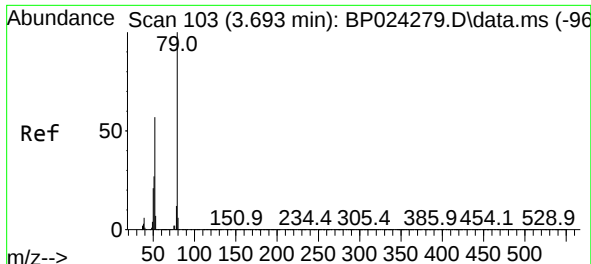
Tgt Ion:152 Resp: 137431
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 62.3 47.7 71.5



#2
1,4-Dioxane
Concen: 35.663 ng
RT: 3.287 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion: 88 Resp: 125379
Ion Ratio Lower Upper
88 100
58 68.3 51.4 77.2
43 57.0 17.1 25.7#

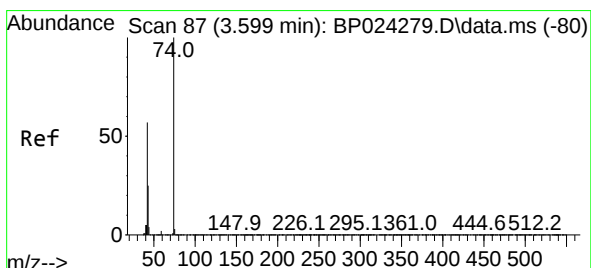
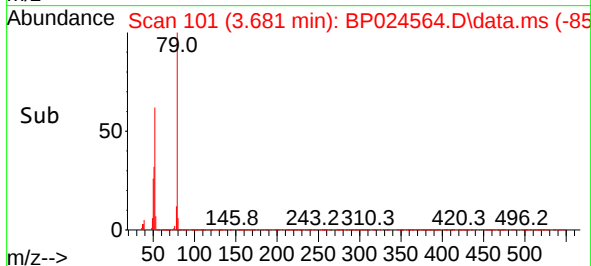
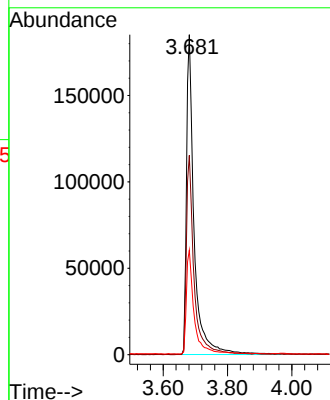
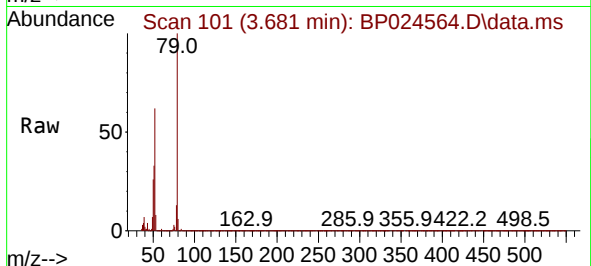




#3
Pyridine
Concen: 33.041 ng
RT: 3.681 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

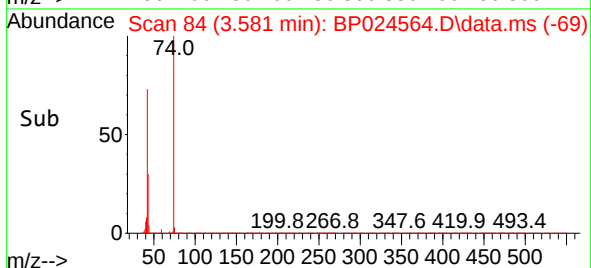
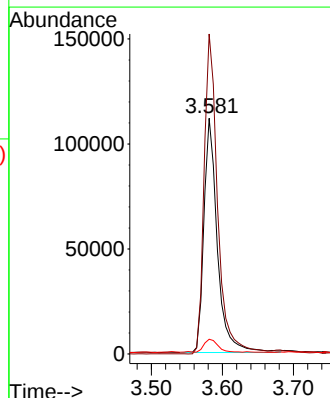
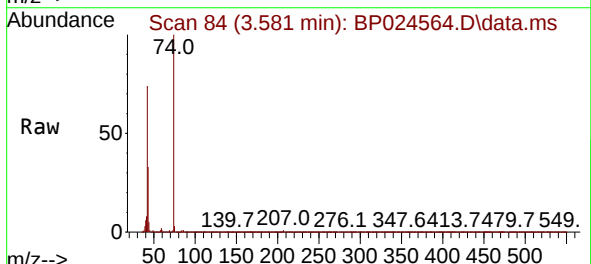
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BNA_P
ClientSampleId :
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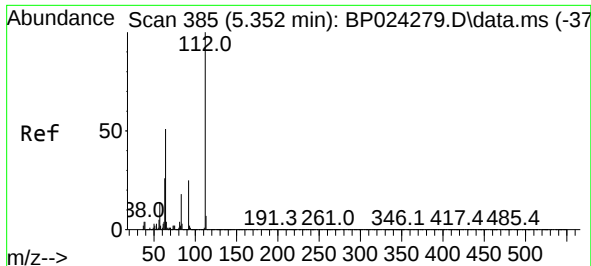
Tgt Ion: 79 Resp: 306732
Ion Ratio Lower Upper
79 100
52 62.3 45.4 68.2
51 32.6 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 47.929 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion: 42 Resp: 147668
Ion Ratio Lower Upper
42 100
74 135.8 139.5 209.3#
44 6.3 5.8 8.8

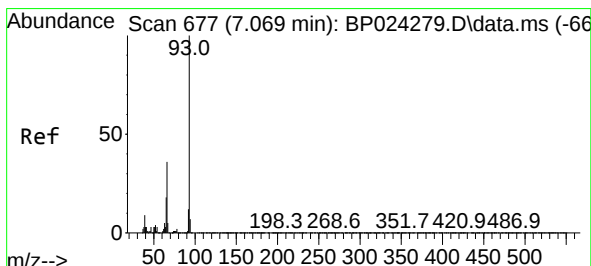
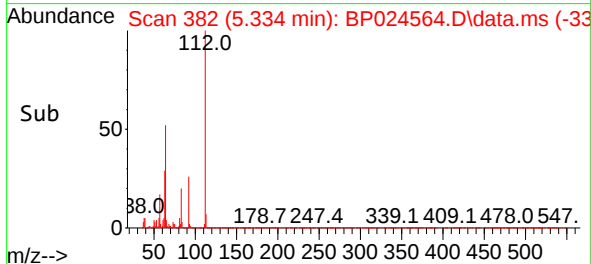
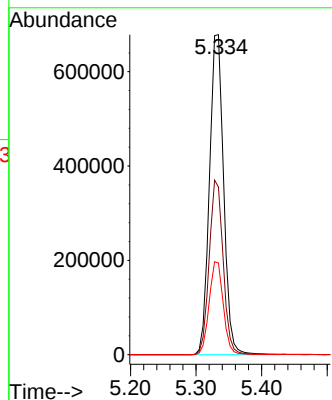
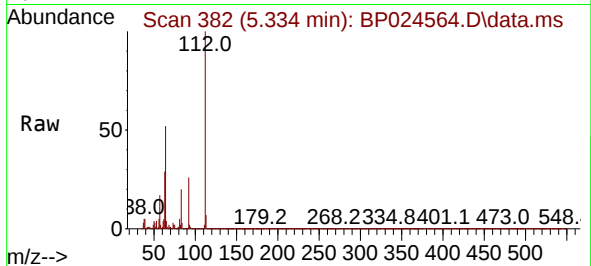




#5
2-Fluorophenol
Concen: 123.060 ng
RT: 5.334 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

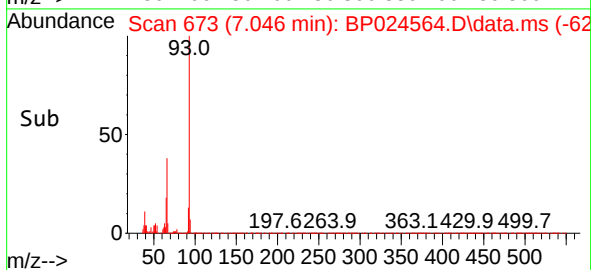
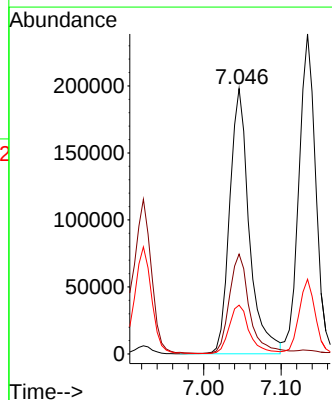
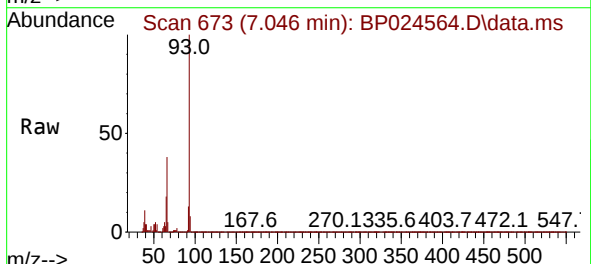
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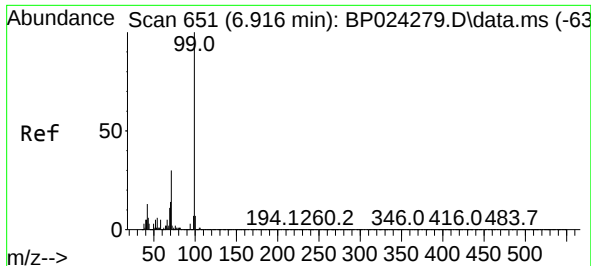
Tgt Ion:112 Resp: 1022841
Ion Ratio Lower Upper
112 100
64 52.4 41.1 61.7
63 28.7 20.6 30.8



#6
Aniline
Concen: 34.285 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion: 93 Resp: 348677
Ion Ratio Lower Upper
93 100
66 37.6 29.1 43.7
65 18.4 14.7 22.1

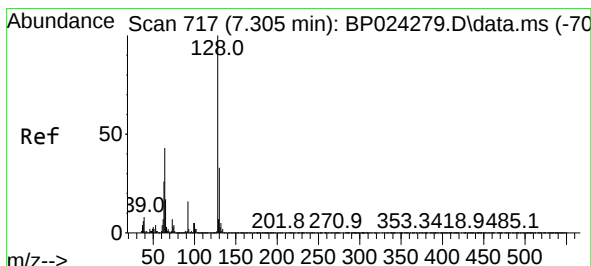
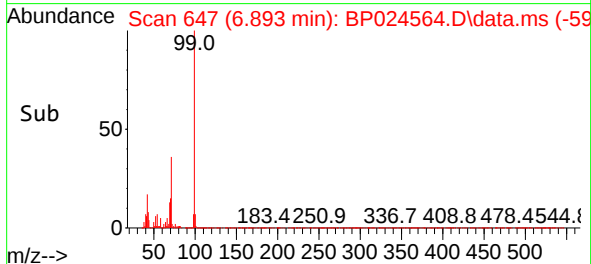
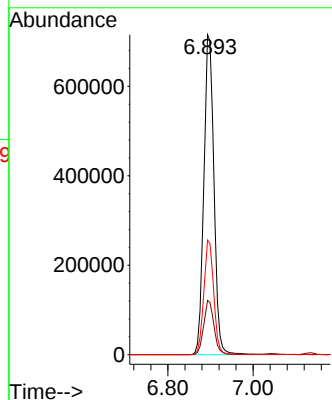
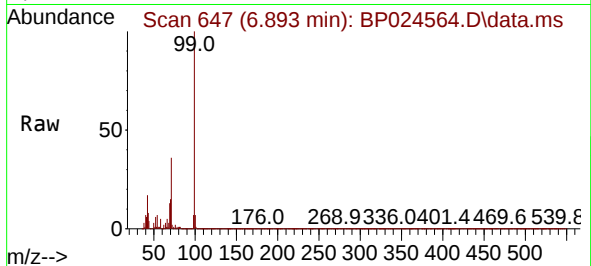




#7
Phenol-d6
Concen: 103.658 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

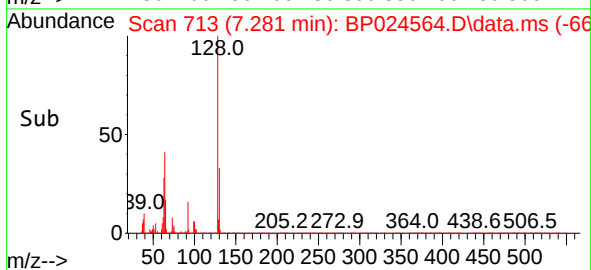
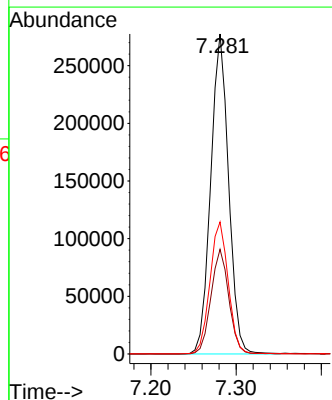
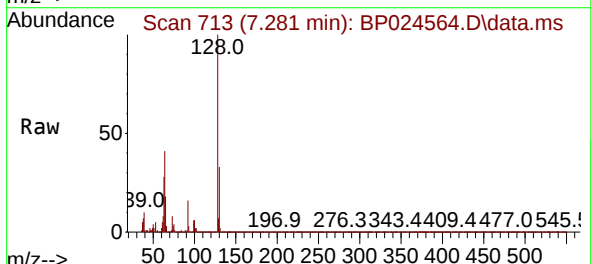
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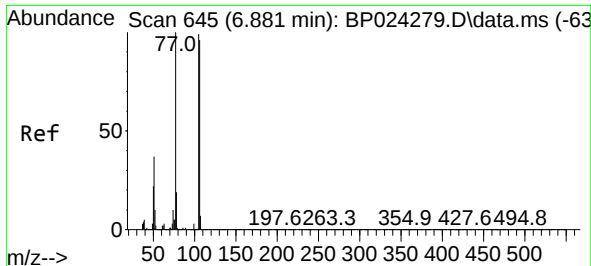
Tgt Ion: 99 Resp: 1179744
Ion Ratio Lower Upper
99 100
42 17.0 10.6 16.0#
71 35.8 23.7 35.5#



#8
2-Chlorophenol
Concen: 43.562 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:128 Resp: 404257
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 41.3 22.7 62.7

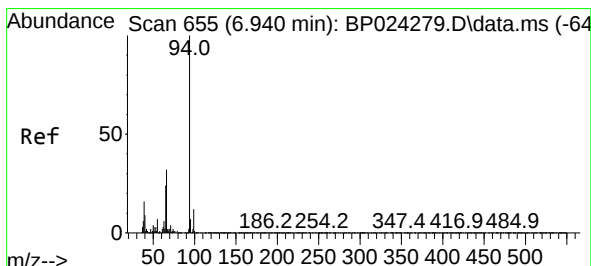
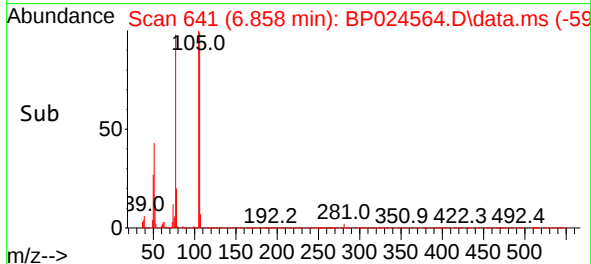
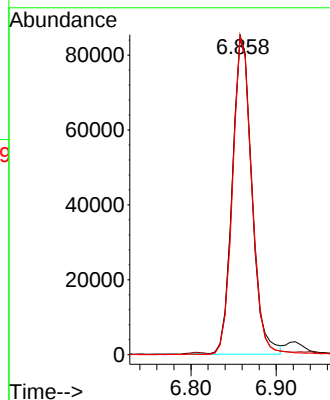
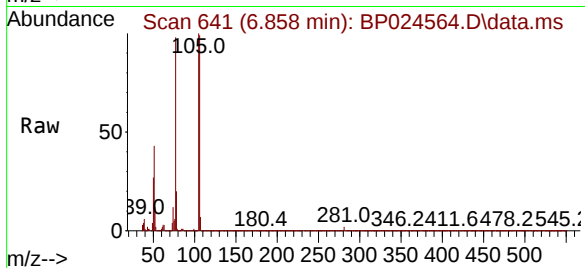




#9
Benzaldehyde
Concen: 23.836 ng
RT: 6.858 min Scan# 641
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

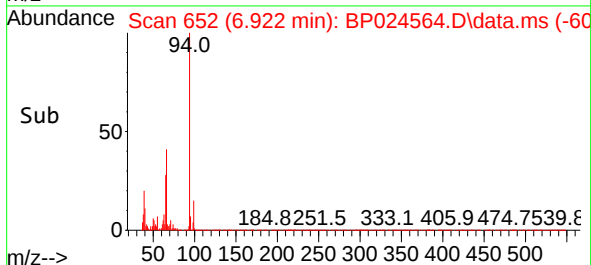
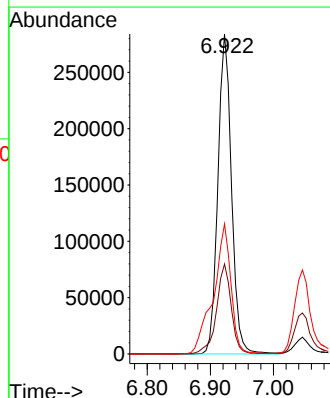
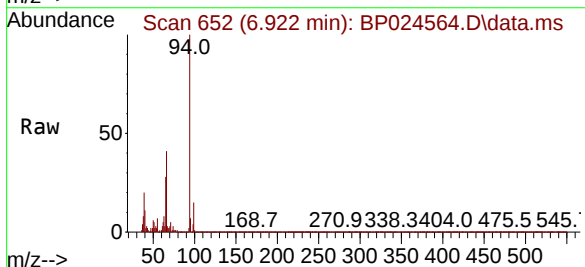
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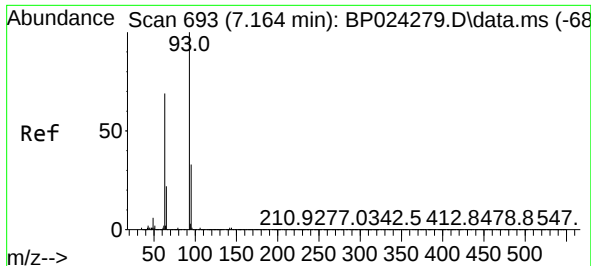
Tgt Ion: 77 Resp: 134192
Ion Ratio Lower Upper
77 100
105 101.6 79.2 119.2
106 100.9 76.2 116.2



#10
Phenol
Concen: 37.178 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion: 94 Resp: 424464
Ion Ratio Lower Upper
94 100
65 28.1 4.5 44.5
66 40.6 12.4 52.4





#11

bis(2-Chloroethyl)ether

Concen: 39.674 ng

RT: 7.134 min Scan# 61

Delta R.T. -0.023 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

Instrument :

BNA_P

ClientSampleId :

MH-PMS

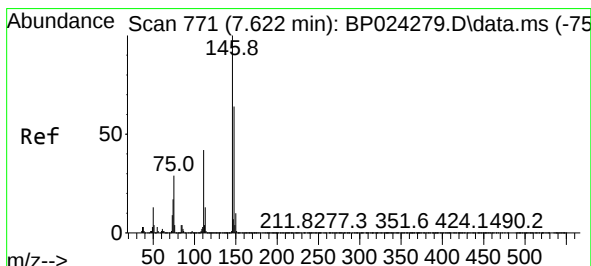
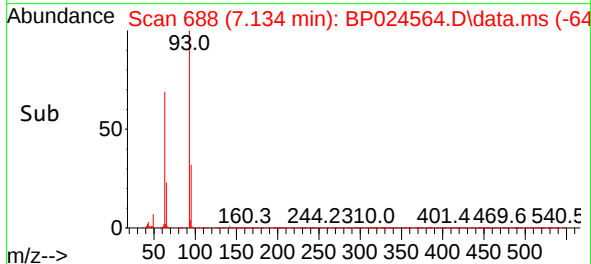
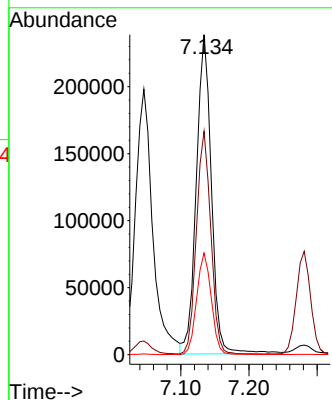
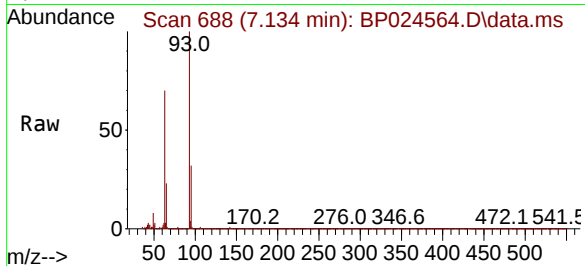
Tgt Ion: 93 Resp: 364946

Ion Ratio Lower Upper

93 100

63 69.8 48.6 88.6

95 31.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.888 ng

RT: 7.593 min Scan# 766

Delta R.T. -0.023 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

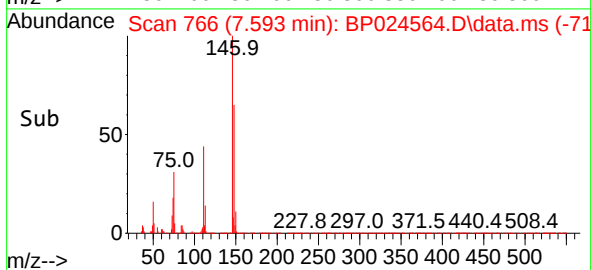
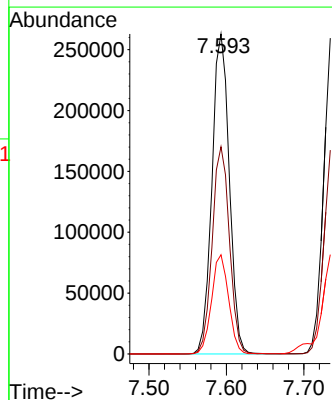
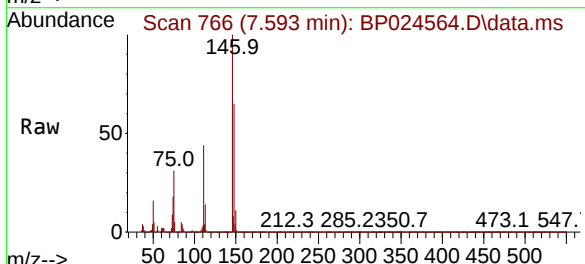
Tgt Ion:146 Resp: 408497

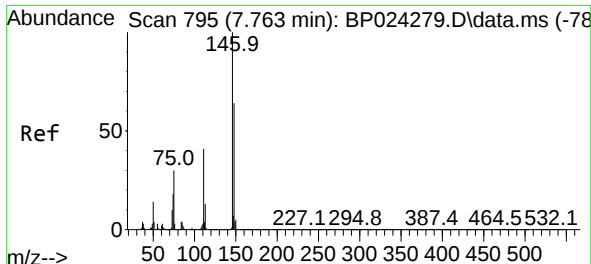
Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.0

75 31.0 22.9 34.3

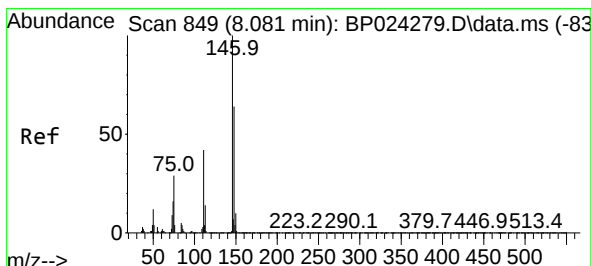
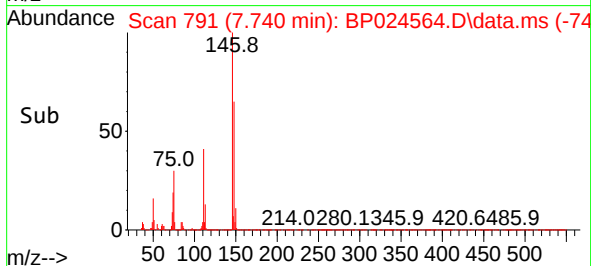
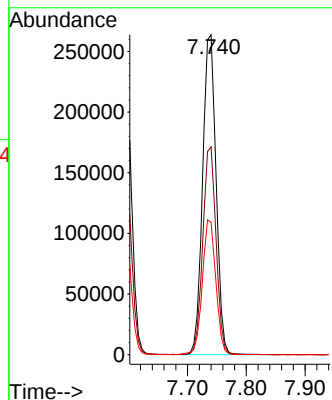
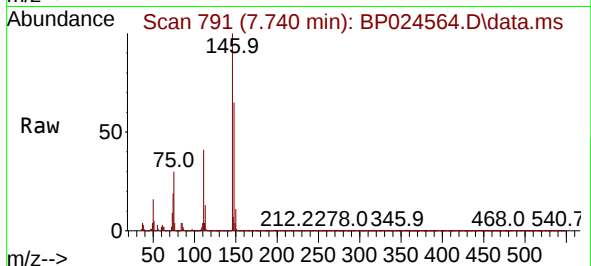




#13
1,4-Dichlorobenzene
Concen: 41.280 ng
RT: 7.740 min Scan# 795
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

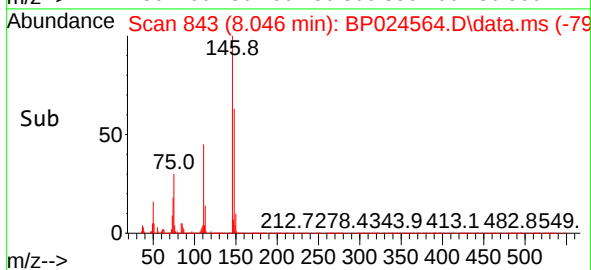
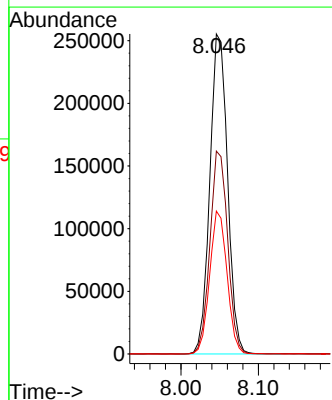
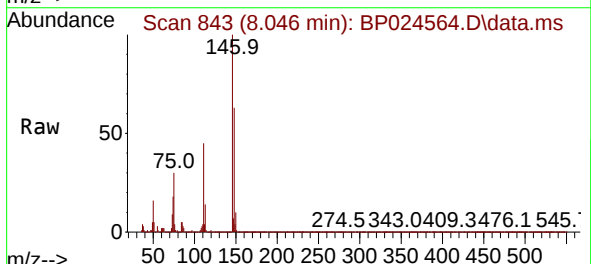
Instrument :
BNA_P
ClientSampleId :
MH-PMS

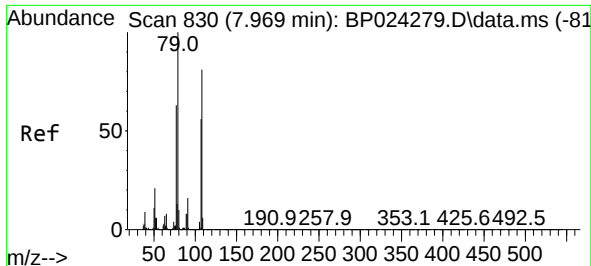
Tgt Ion:146 Resp: 418436
Ion Ratio Lower Upper
146 100
148 65.0 51.1 76.7
111 41.3 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 41.393 ng
RT: 8.046 min Scan# 843
Delta R.T. -0.029 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:146 Resp: 405160
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
111 44.6 33.8 50.8

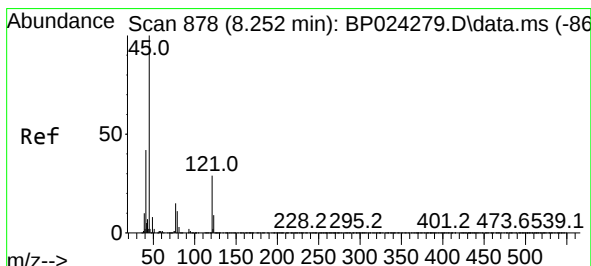
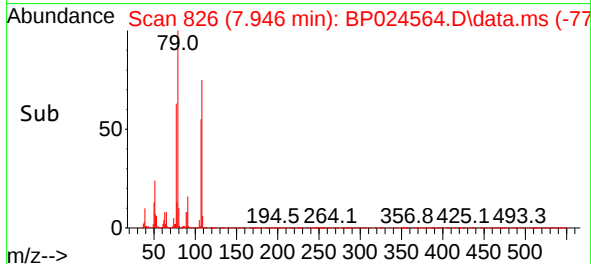
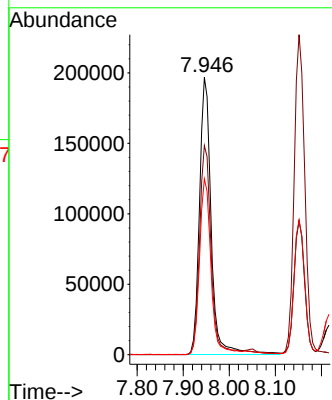
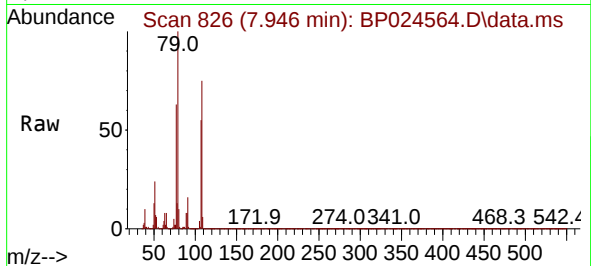




#15
Benzyl Alcohol
Concen: 47.209 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

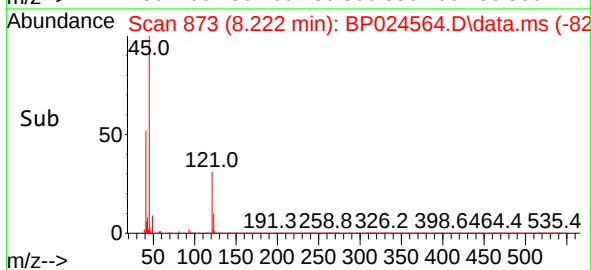
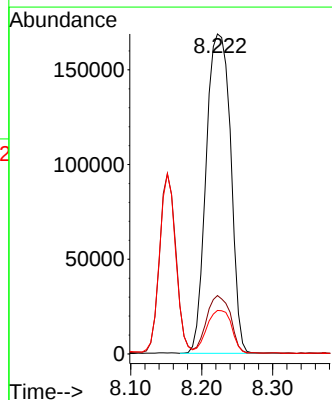
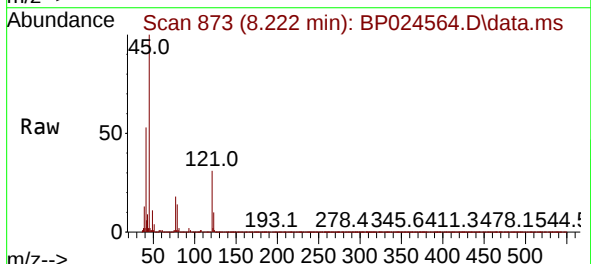
Instrument :
BNA_P
ClientSampleId :
MH-PMS

Tgt Ion: 79 Resp: 347471
Ion Ratio Lower Upper
79 100
108 75.4 65.1 97.7
77 63.4 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.486 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion: 45 Resp: 402549
Ion Ratio Lower Upper
45 100
77 18.2 0.0 37.7
79 13.6 0.0 33.5

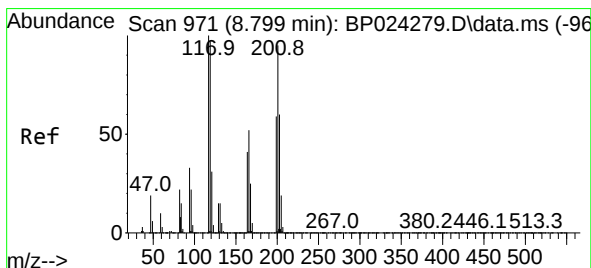
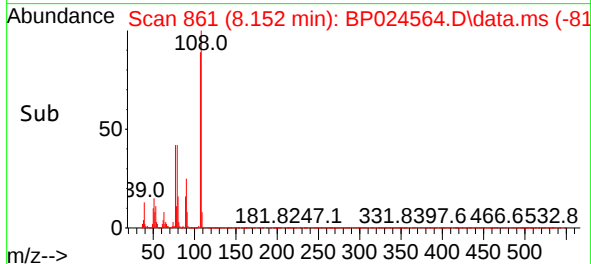
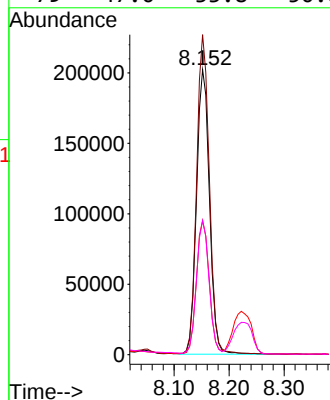
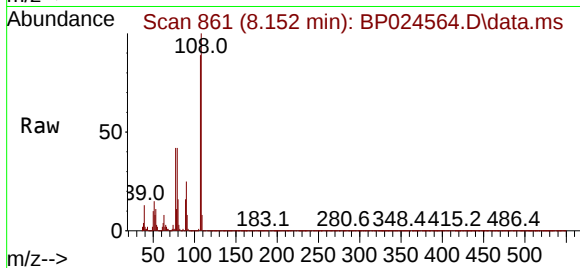




#17
2-Methylphenol
Concen: 44.706 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

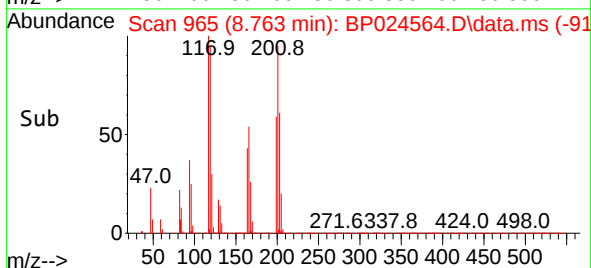
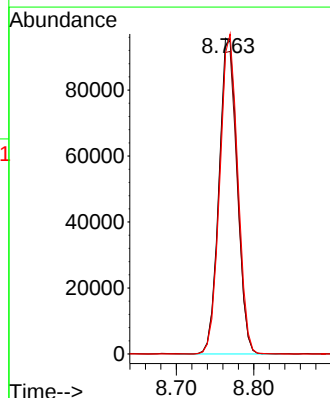
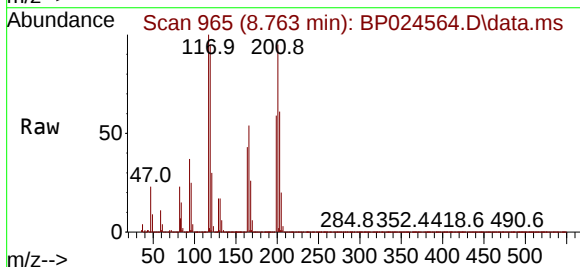
Instrument :
BNA_P
ClientSampleId :
MH-PMS

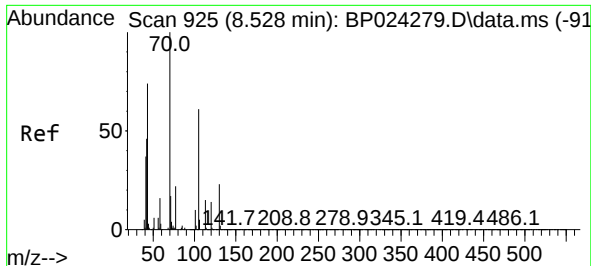
Tgt Ion:	107	Resp:	330185
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.8	134.6
77	47.1	34.2	51.4
79	47.0	33.8	50.8



#18
Hexachloroethane
Concen: 42.936 ng
RT: 8.763 min Scan# 965
Delta R.T. -0.029 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:	117	Resp:	157287
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.6
201	95.2	75.9	113.9

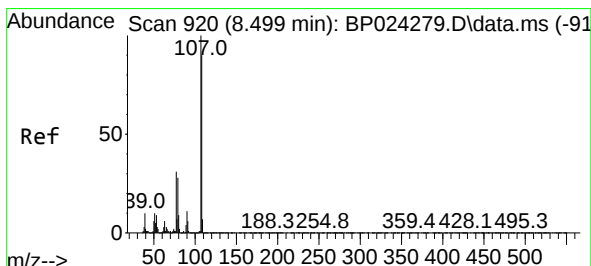
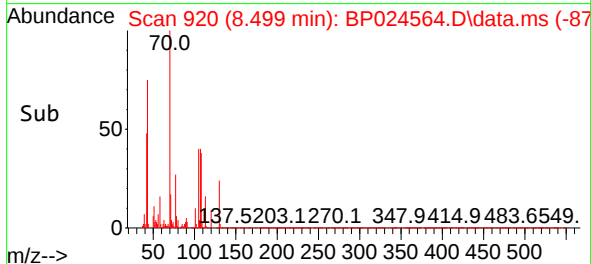
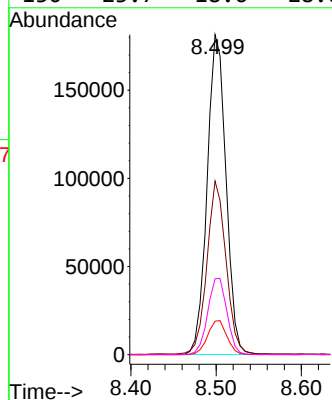
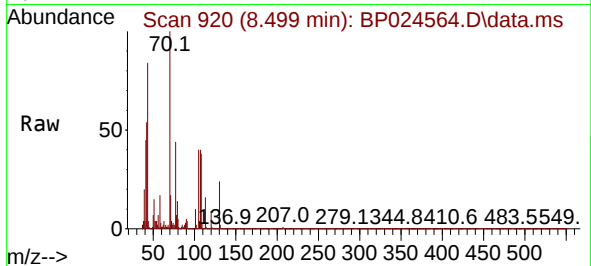




#19
n-Nitroso-di-n-propylamine
Concen: 39.580 ng
RT: 8.499 min Scan# 917
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

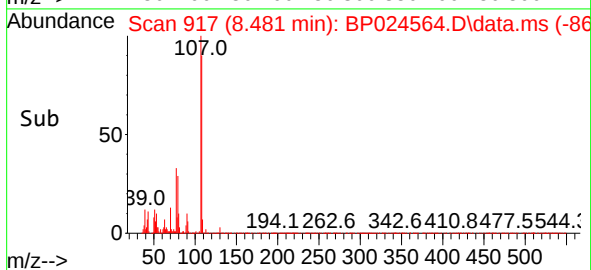
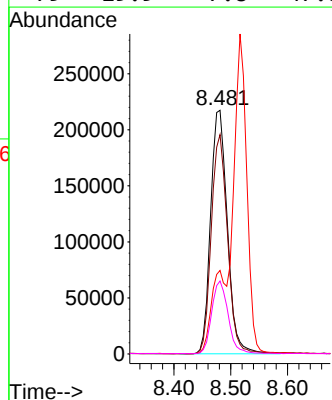
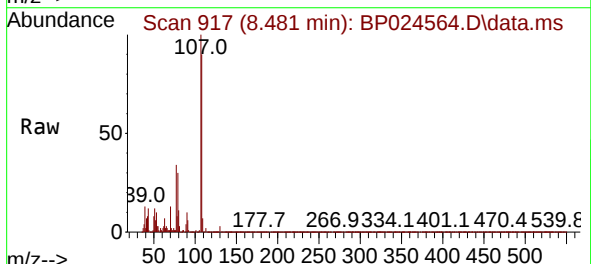
Instrument :
BNA_P
ClientSampleId :
MH-PMS

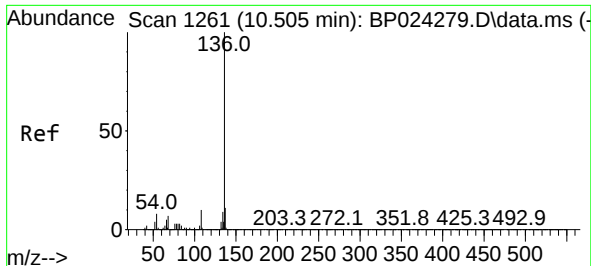
Tgt Ion: 70 Resp: 278687
Ion Ratio Lower Upper
70 100
42 54.3 37.3 55.9
101 10.5 8.2 12.4
130 23.7 18.6 28.0



#20
3+4-Methylphenols
Concen: 43.254 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion: 107 Resp: 443259
Ion Ratio Lower Upper
107 100
108 90.0 69.8 109.8
77 34.3 11.5 51.5
79 29.9 7.8 47.8

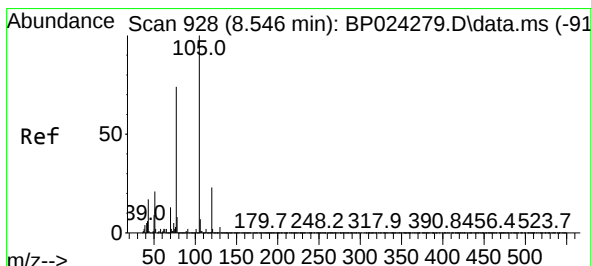
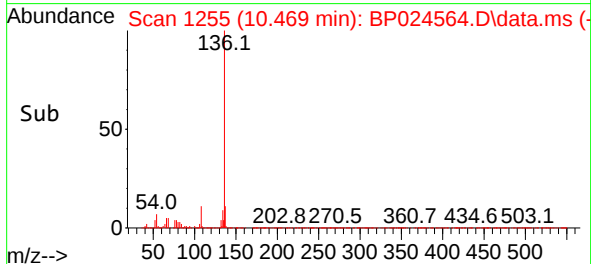
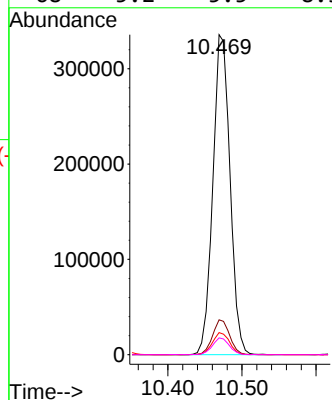
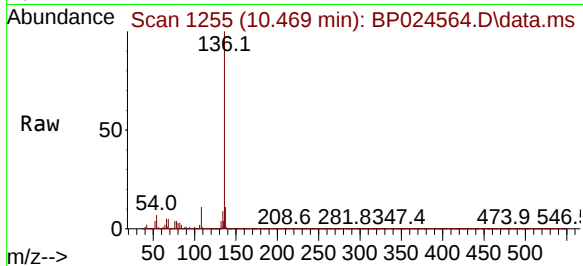




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

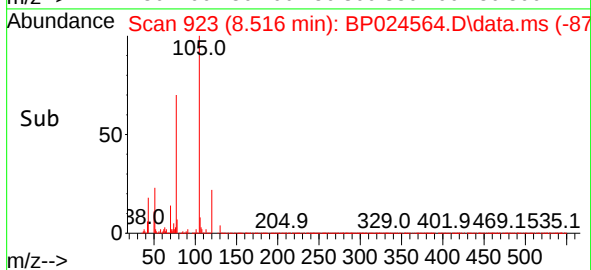
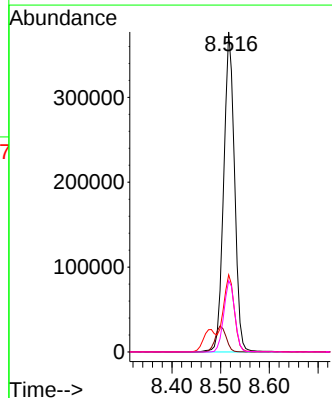
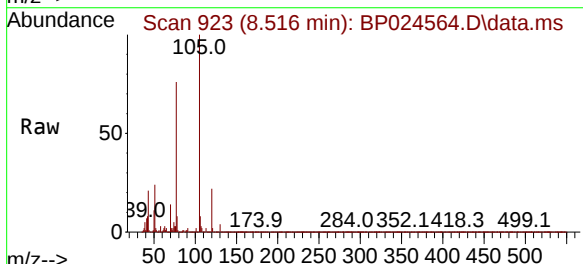
Instrument :
BNA_P
ClientSampleId :
MH-PMS

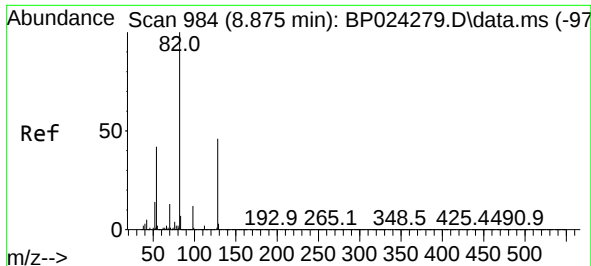
Tgt Ion:	136	Resp:	539851
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.9	6.0	9.0
68	5.2	5.5	8.3



#22
Acetophenone
Concen: 43.928 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:	105	Resp:	586953
Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.7	2.5
51	24.1	16.9	25.3
120	22.3	18.6	28.0

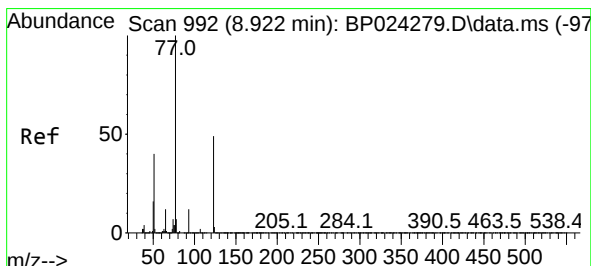
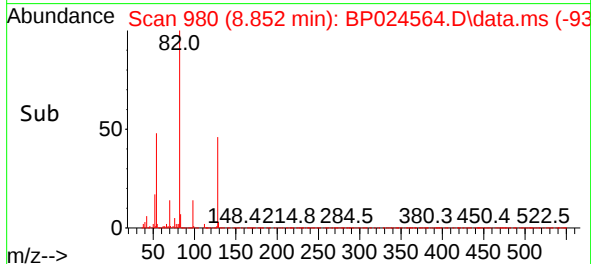
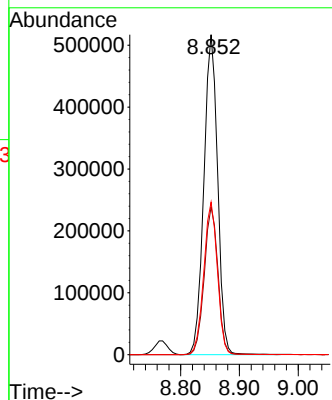
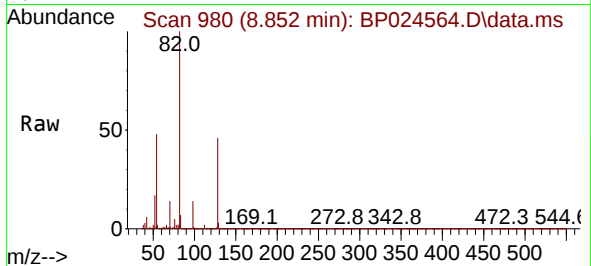




#23
Nitrobenzene-d5
Concen: 89.004 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

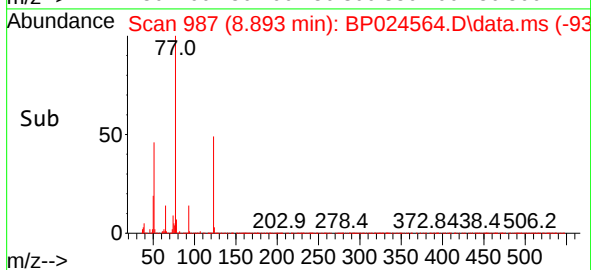
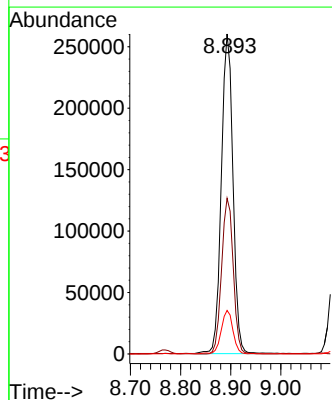
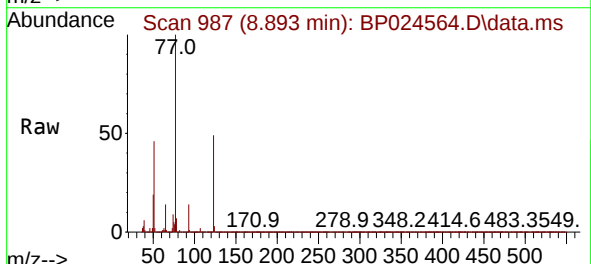
Instrument :
BNA_P
ClientSampleId :
MH-PMS

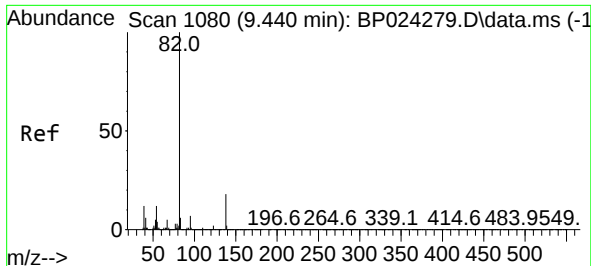
Tgt Ion: 82 Resp: 842653
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 47.6 33.4 50.2



#24
Nitrobenzene
Concen: 44.856 ng
RT: 8.893 min Scan# 987
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion: 77 Resp: 420112
Ion Ratio Lower Upper
77 100
123 48.6 39.2 58.8
65 13.6 9.8 14.6

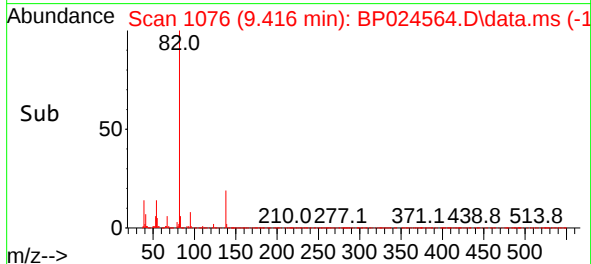
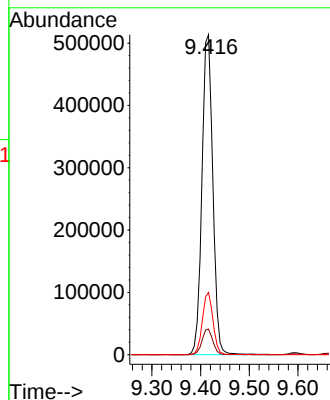
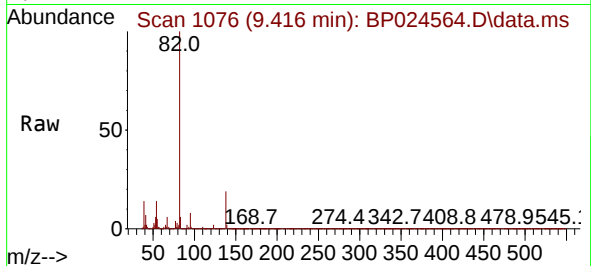




#25
Isophorone
Concen: 46.425 ng
RT: 9.416 min Scan# 1080
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

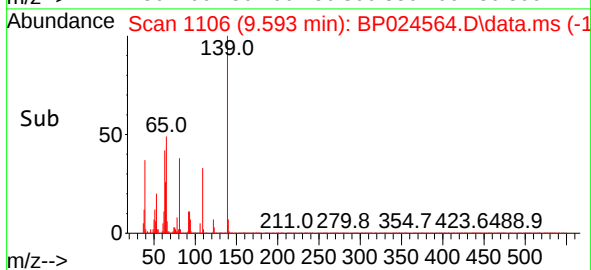
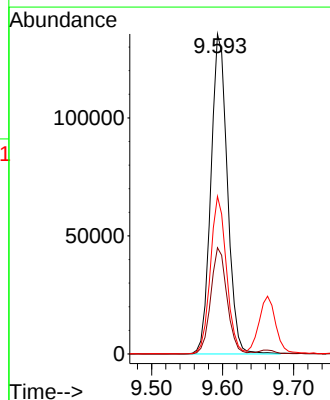
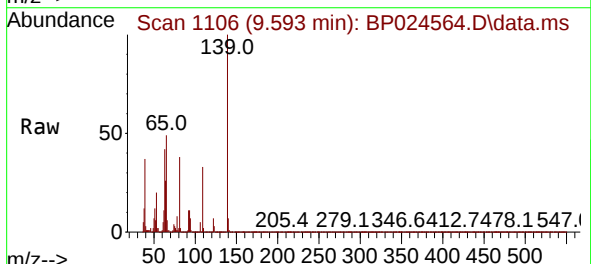
Instrument :
BNA_P
ClientSampleId :
MH-PMS

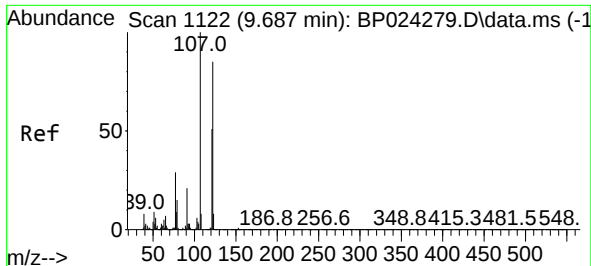
Tgt Ion: 82 Resp: 795574
Ion Ratio Lower Upper
82 100
95 8.0 5.4 8.2
138 19.5 14.4 21.6



#26
2-Nitrophenol
Concen: 47.624 ng
RT: 9.593 min Scan# 1106
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion: 139 Resp: 218280
Ion Ratio Lower Upper
139 100
109 33.2 21.8 32.6#
65 49.2 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 66.728 ng

RT: 9.663 min Scan# 1118

Delta R.T. -0.018 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

Instrument :

BNA_P

ClientSampleId :

MH-PMS

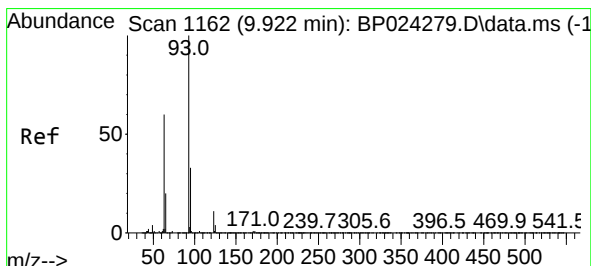
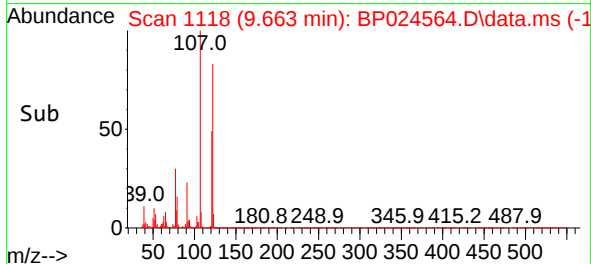
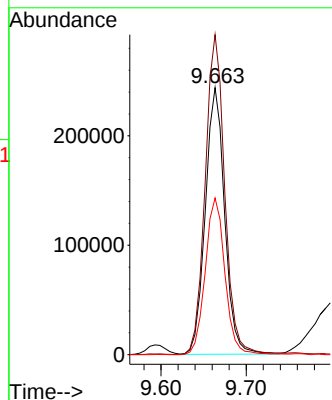
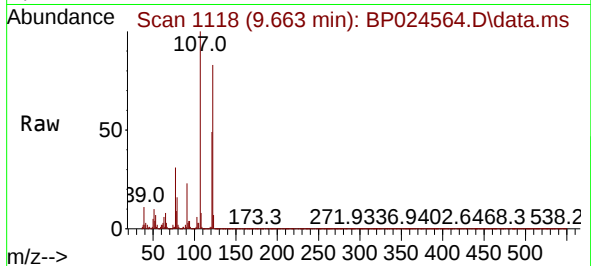
Tgt Ion:122 Resp: 384022

Ion Ratio Lower Upper

122 100

107 119.8 93.7 140.5

121 58.7 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 41.358 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.023 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

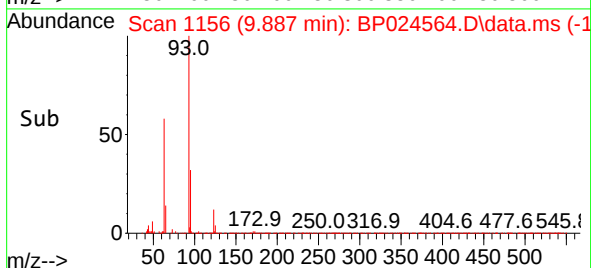
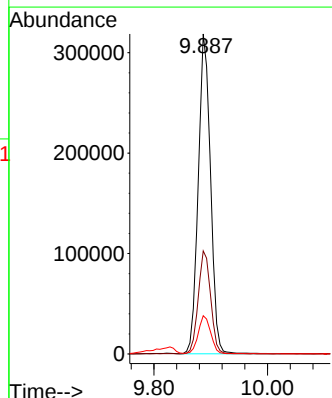
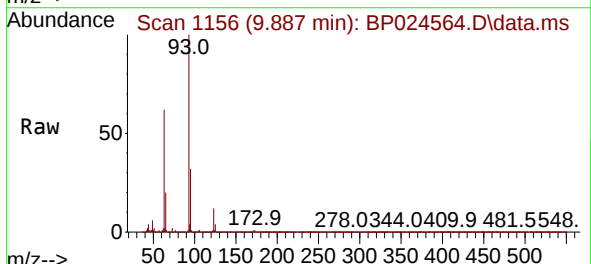
Tgt Ion: 93 Resp: 478788

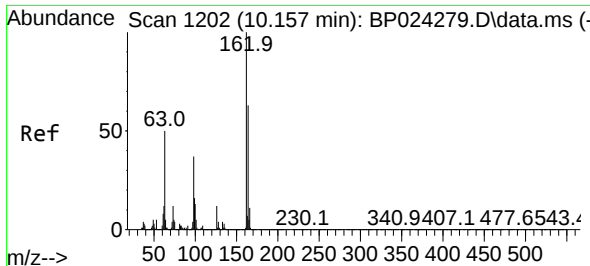
Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

123 12.0 9.1 13.7

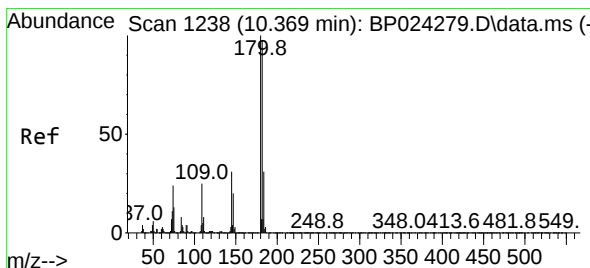
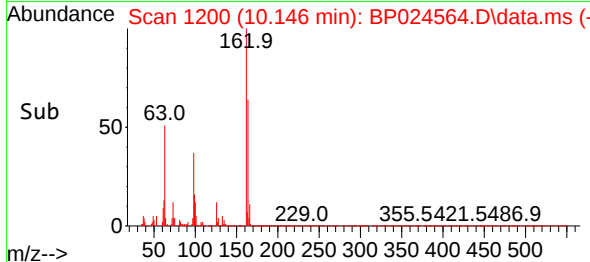
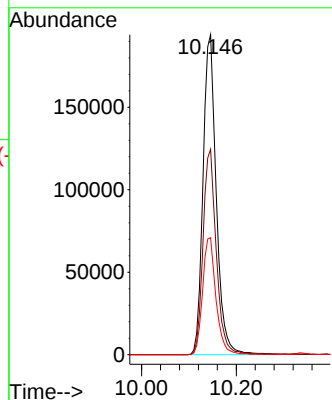
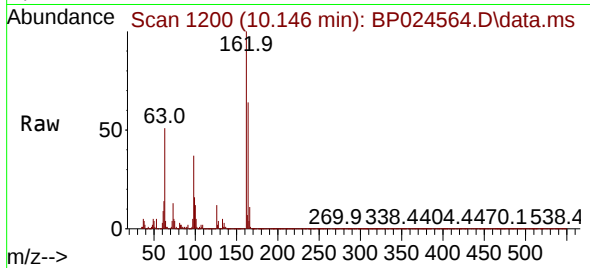




#29
2,4-Dichlorophenol
Concen: 48.090 ng
RT: 10.146 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

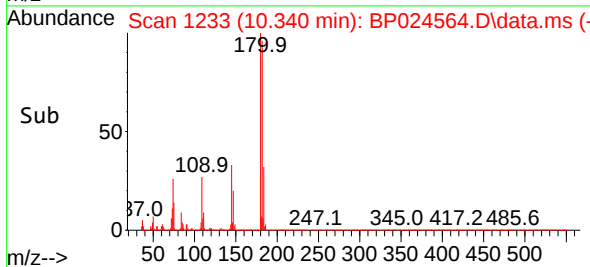
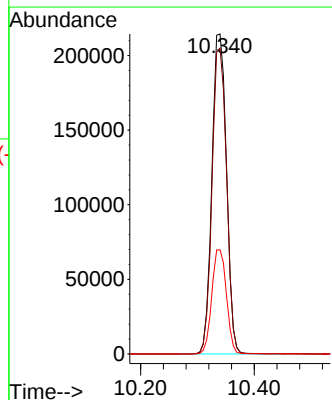
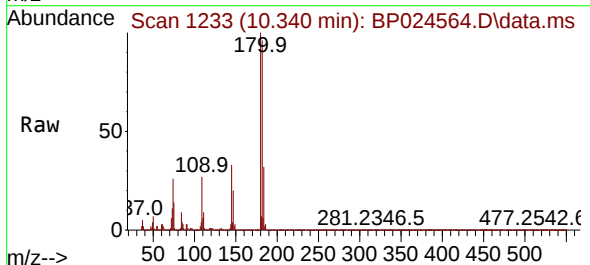
Instrument :
BNA_P
ClientSampleId :
MH-PMS

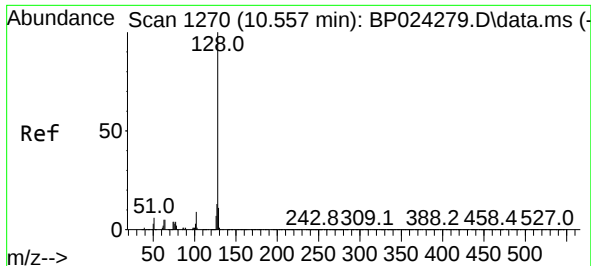
Tgt Ion:162 Resp: 377358
Ion Ratio Lower Upper
162 100
164 64.2 43.3 83.3
98 36.6 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 45.240 ng
RT: 10.340 min Scan# 1233
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:180 Resp: 380347
Ion Ratio Lower Upper
180 100
182 95.6 77.3 115.9
145 32.5 25.1 37.7

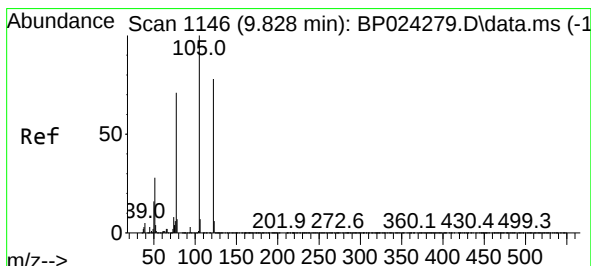
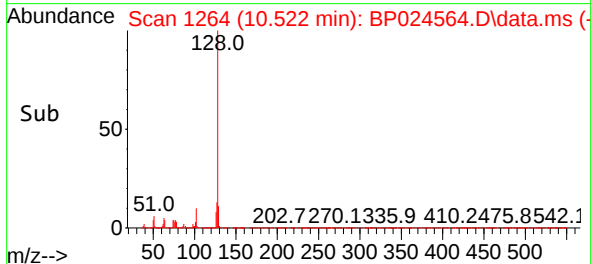
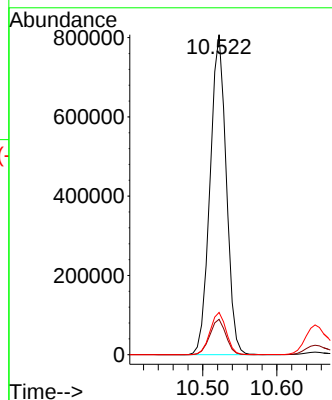
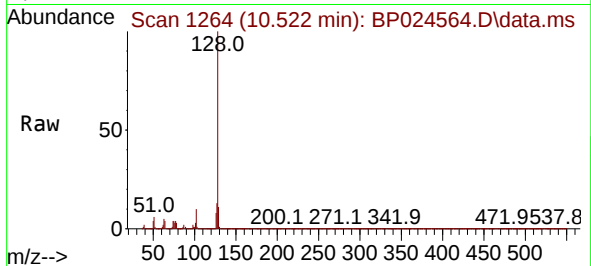




#31
Naphthalene
Concen: 43.097 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

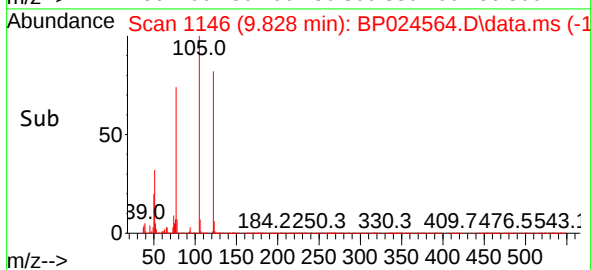
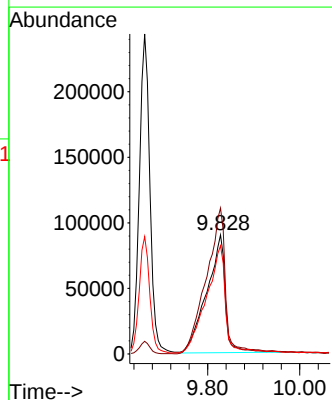
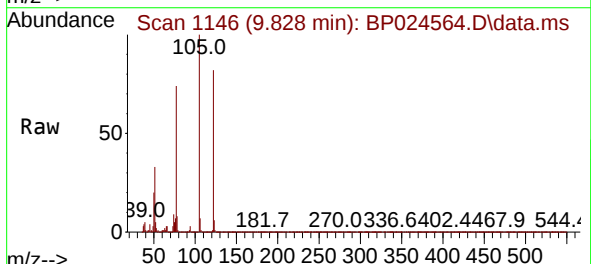
Instrument :
BNA_P
ClientSampleId :
MH-PMS

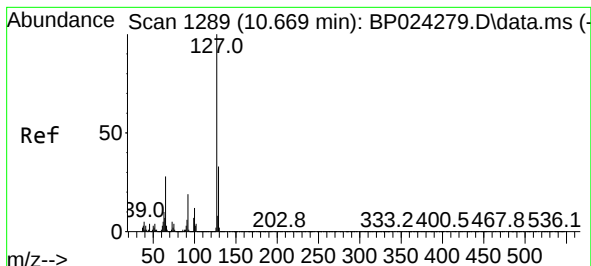
Tgt Ion:128 Resp: 1225557
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 37.661 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:122 Resp: 252553
Ion Ratio Lower Upper
122 100
105 122.6 104.8 144.8
77 91.0 69.2 109.2

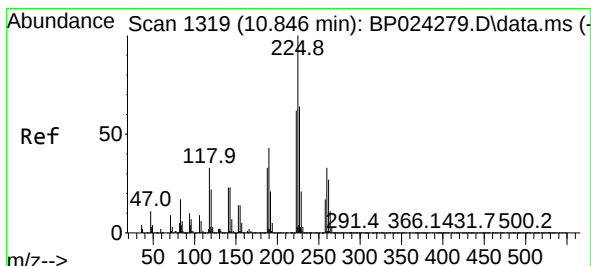
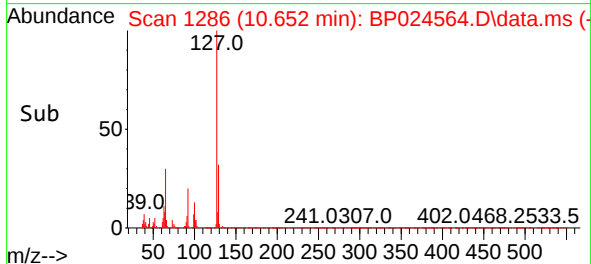
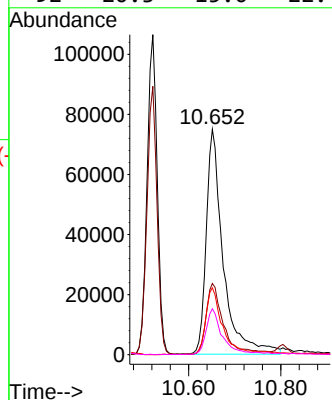
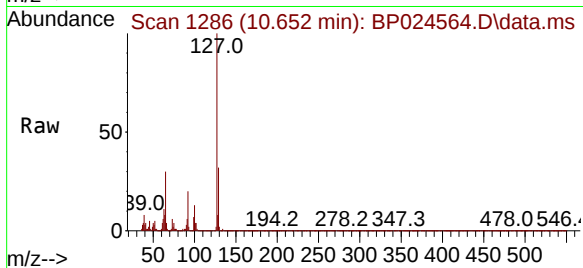




#33
4-Chloroaniline
Concen: 19.238 ng
RT: 10.652 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

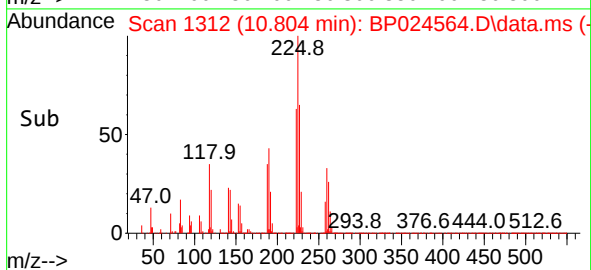
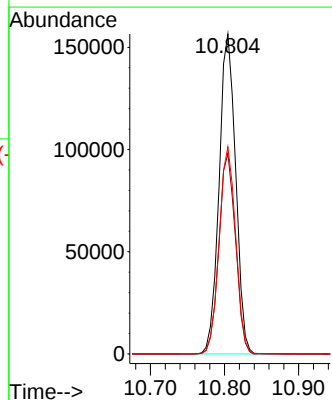
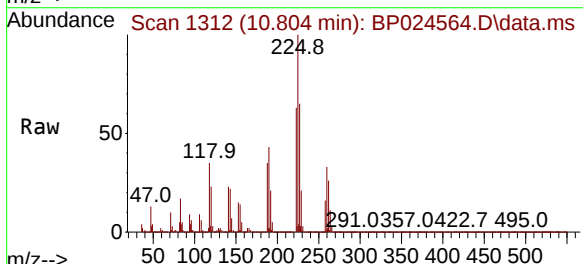
Instrument :
BNA_P
ClientSampleId :
MH-PMS

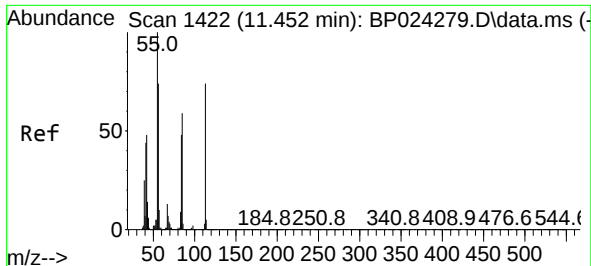
Tgt Ion:	127	Resp:	192663
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	29.7	22.1	33.1
92	20.3	15.0	22.4



#34
Hexachlorobutadiene
Concen: 49.114 ng
RT: 10.804 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:	225	Resp:	242647
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.5	74.3
227	64.8	50.9	76.3

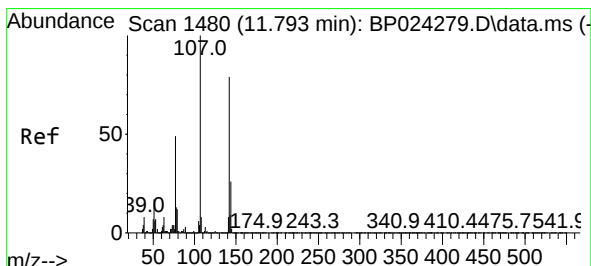
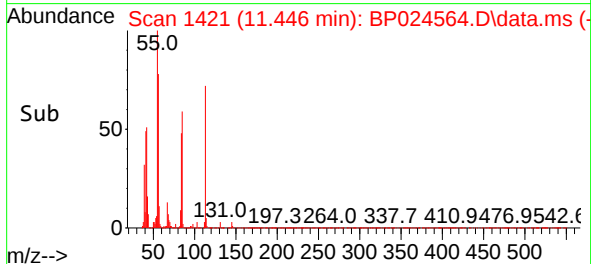
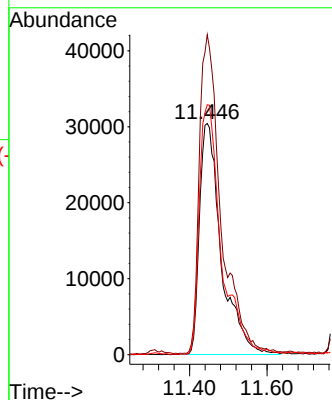
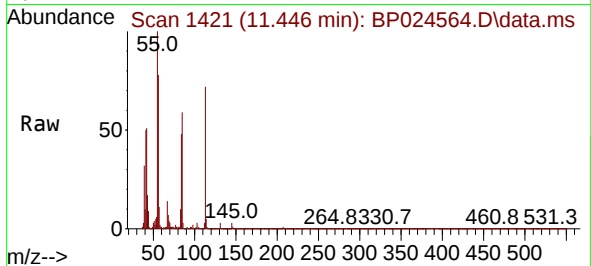




#35
Caprolactam
Concen: 40.789 ng
RT: 11.446 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

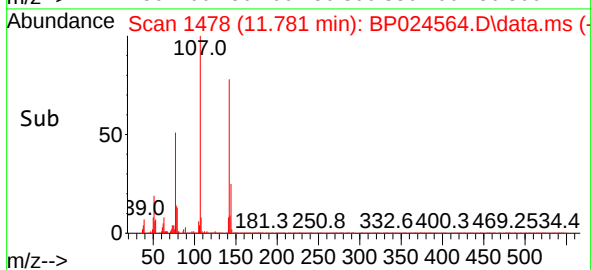
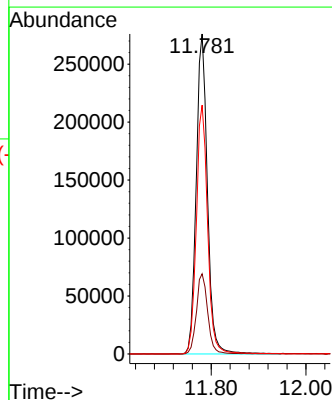
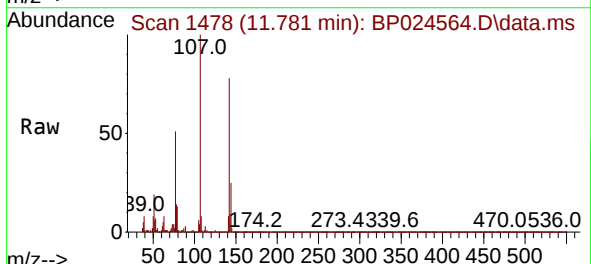
Instrument :
BNA_P
ClientSampleId :
MH-PMS

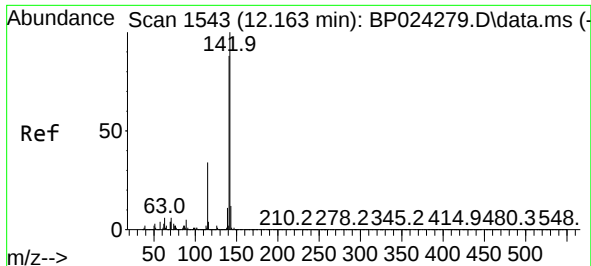
Tgt Ion:113 Resp: 118100
Ion Ratio Lower Upper
113 100
55 138.4 115.9 155.9
56 108.1 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 49.436 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:107 Resp: 451843
Ion Ratio Lower Upper
107 100
144 25.0 20.5 30.7
142 77.7 63.4 95.2

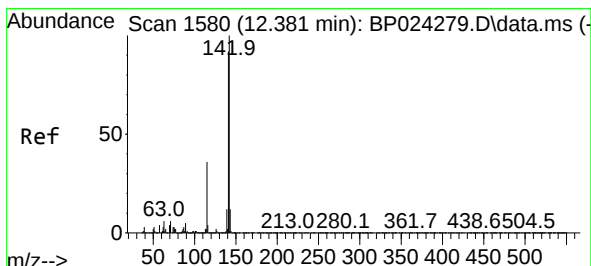
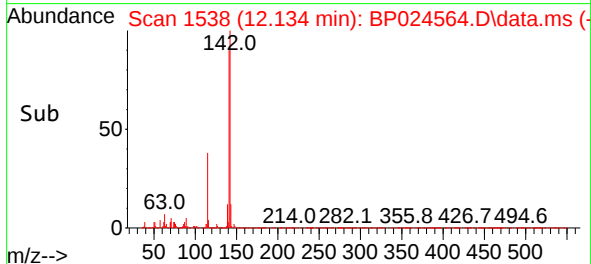
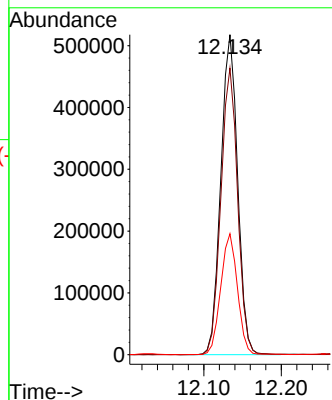
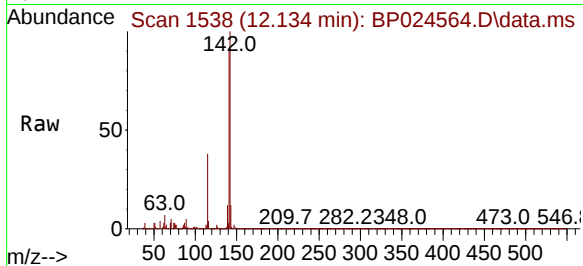




#37
2-Methylnaphthalene
Concen: 39.686 ng
RT: 12.134 min Scan# 1538
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

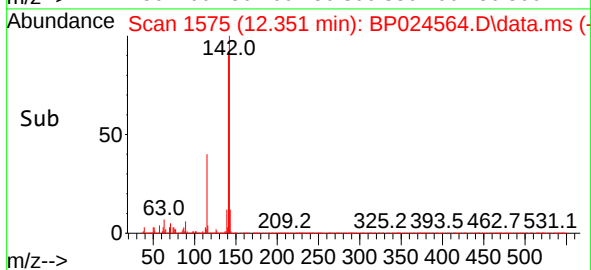
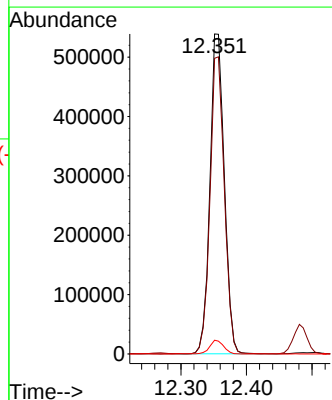
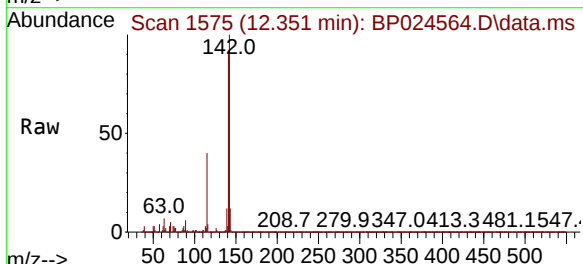
Instrument :
BNA_P
ClientSampleId :
MH-PMS

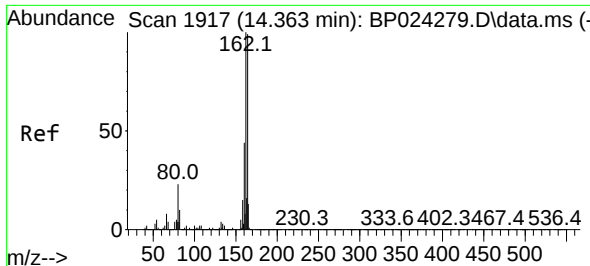
Tgt Ion:142 Resp: 782675
Ion Ratio Lower Upper
142 100
141 89.5 70.3 105.5
115 37.8 26.9 40.3



#38
1-Methylnaphthalene
Concen: 42.646 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:142 Resp: 822790
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4
116 4.3 3.0 4.6

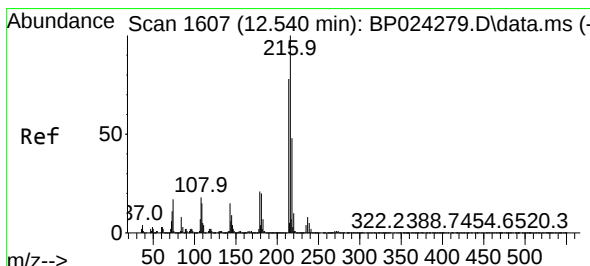
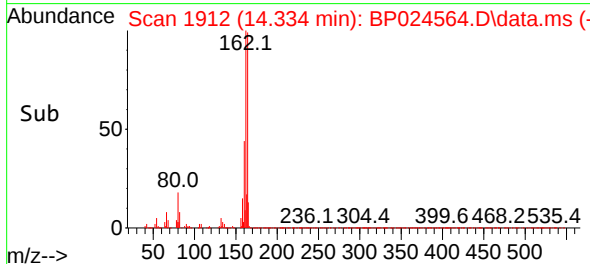
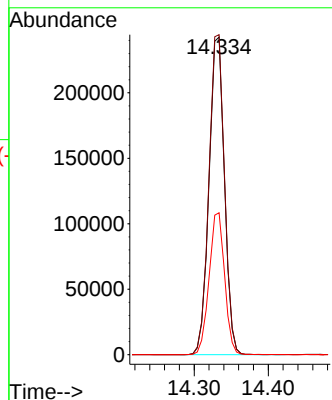
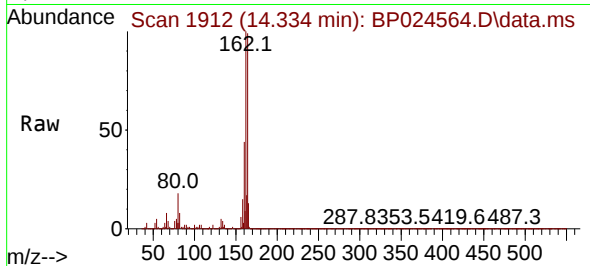




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1917
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

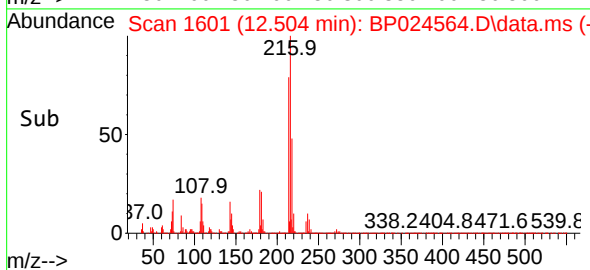
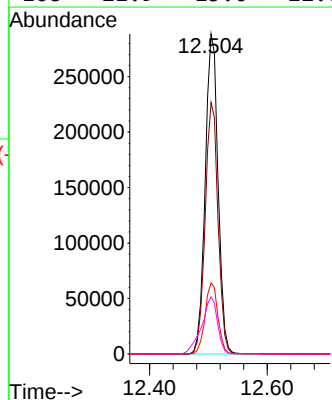
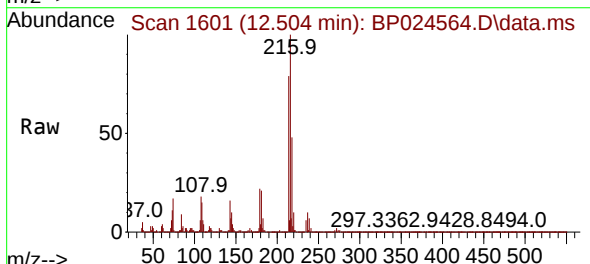
Instrument :
BNA_P
ClientSampleId :
MH-PMS

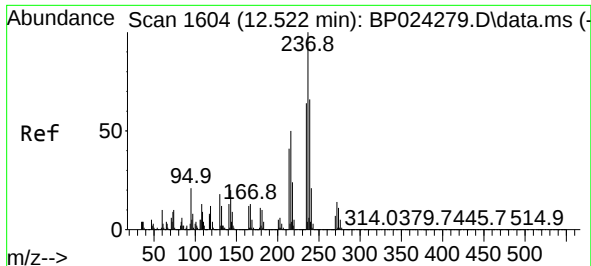
Tgt Ion:164 Resp: 350229
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 44.7 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.423 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:216 Resp: 437486
Ion Ratio Lower Upper
216 100
214 78.6 62.6 93.8
179 22.2 17.2 25.8
108 21.9 15.0 22.6

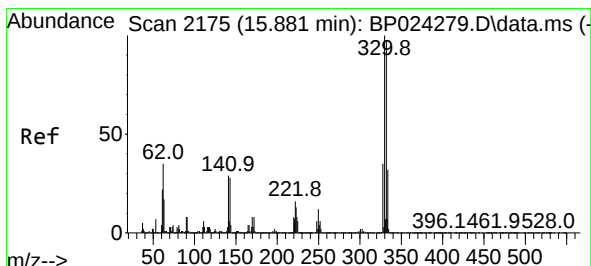
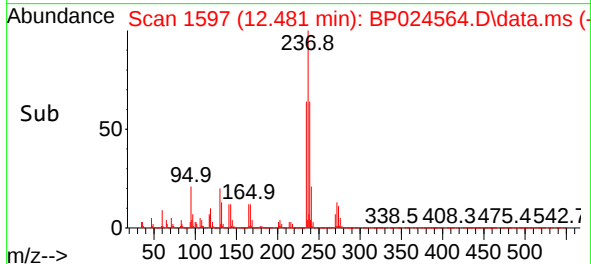
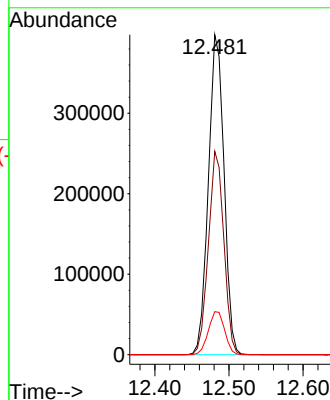
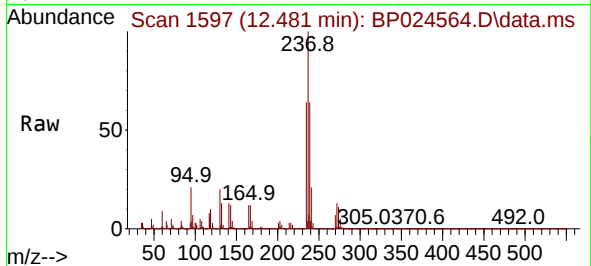




#41
Hexachlorocyclopentadiene
Concen: 171.056 ng
RT: 12.481 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

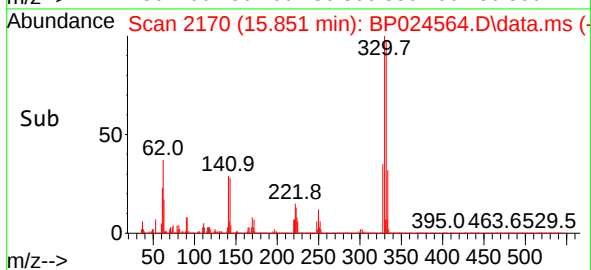
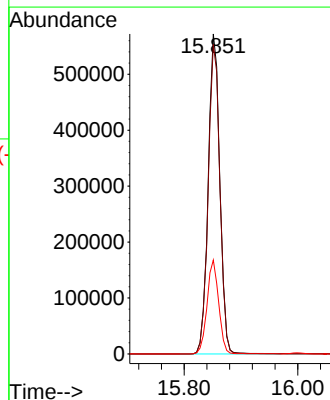
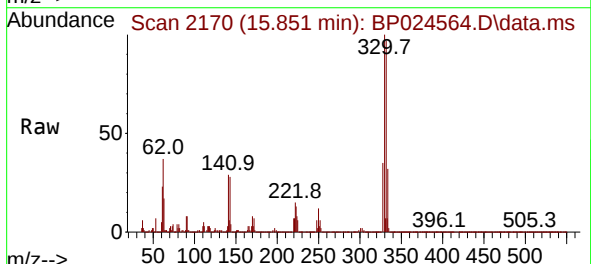
Instrument :
BNA_P
ClientSampleId :
MH-PMS

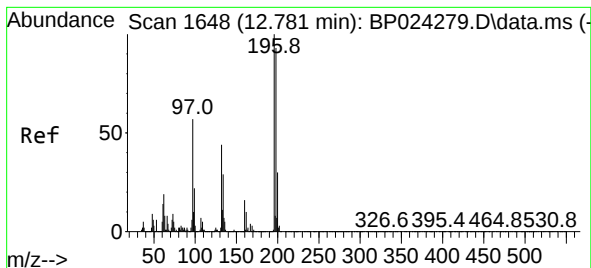
Tgt Ion:237 Resp: 582676
Ion Ratio Lower Upper
237 100
235 63.5 43.9 83.9
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 166.743 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:330 Resp: 807969
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 29.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.955 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

Instrument :

BNA_P

ClientSampleId :

MH-PMS

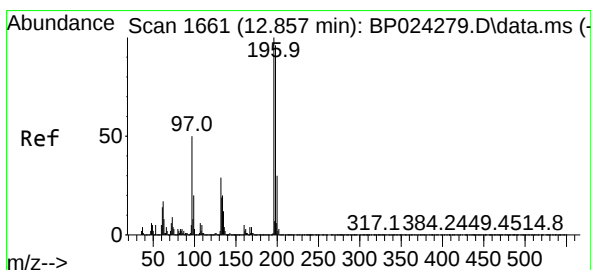
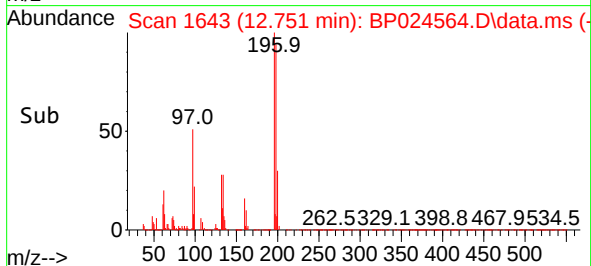
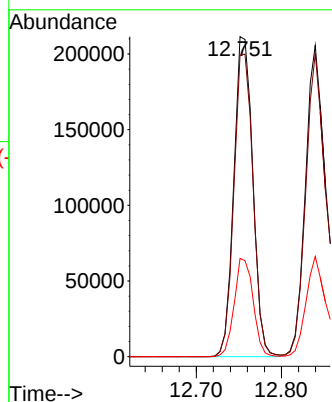
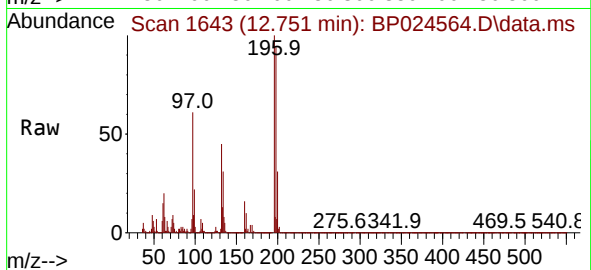
Tgt Ion:196 Resp: 326288

Ion Ratio Lower Upper

196 100

198 94.3 74.3 111.5

200 30.7 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 50.262 ng

RT: 12.840 min Scan# 1658

Delta R.T. -0.018 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

Tgt Ion:196 Resp: 356408

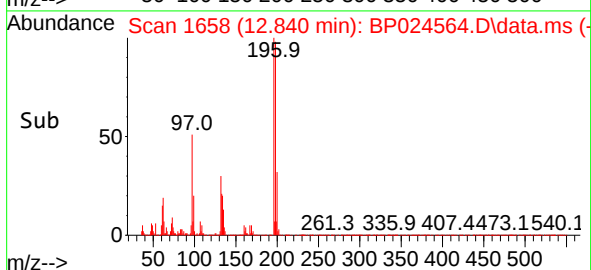
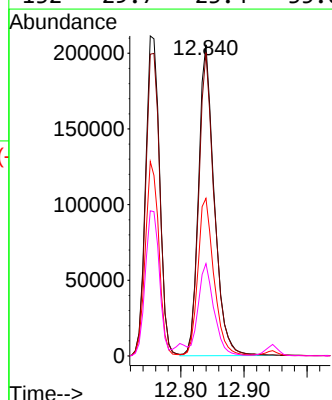
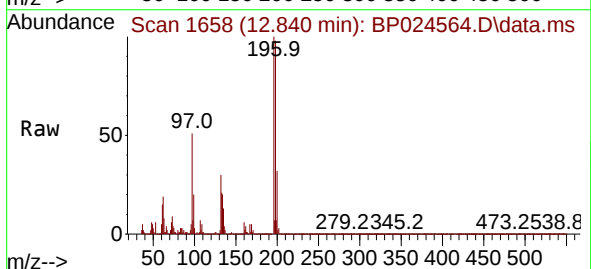
Ion Ratio Lower Upper

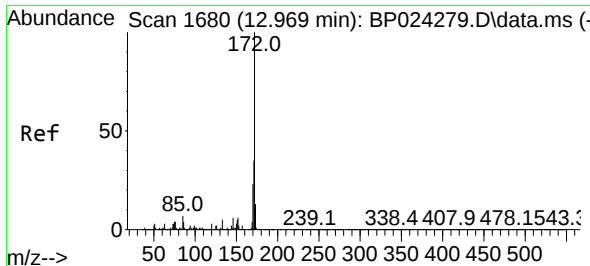
196 100

198 97.5 77.3 115.9

97 50.6 40.4 60.6

132 29.7 23.4 35.0

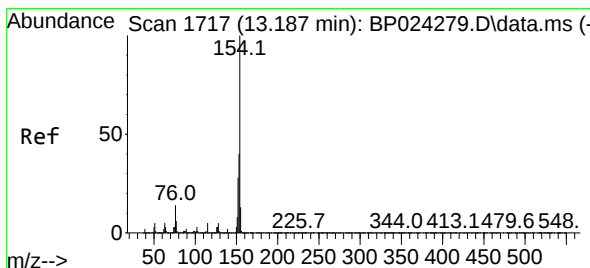
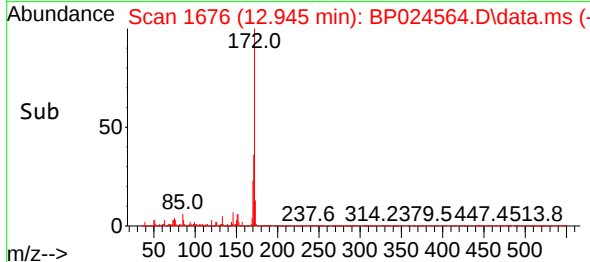
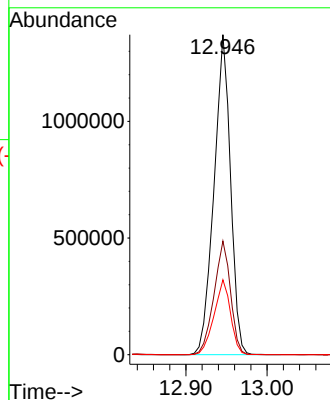
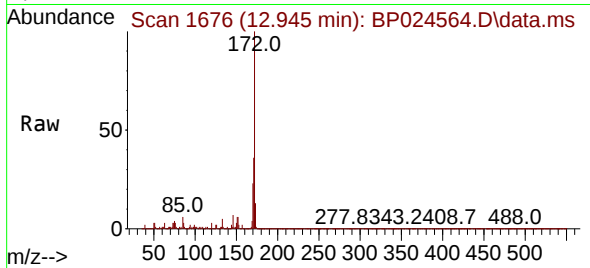




#45
2-Fluorobiphenyl
Concen: 84.744 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

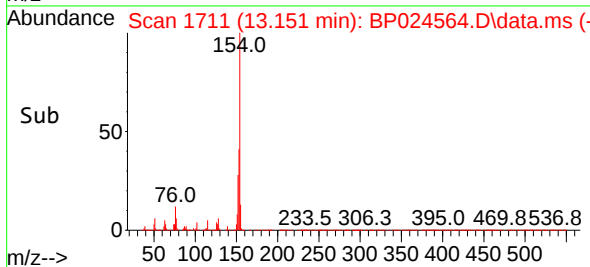
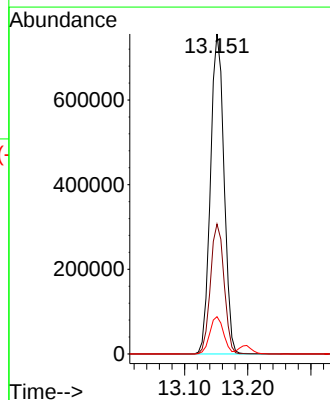
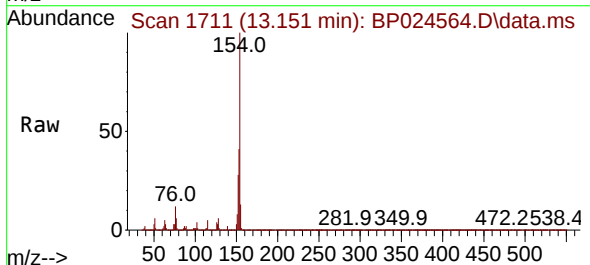
Instrument :
BNA_P
ClientSampleId :
MH-PMS

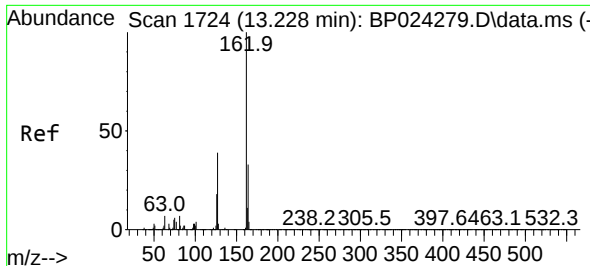
Tgt Ion:172 Resp: 1938445
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 43.691 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:154 Resp: 1124778
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 11.7 0.0 33.5

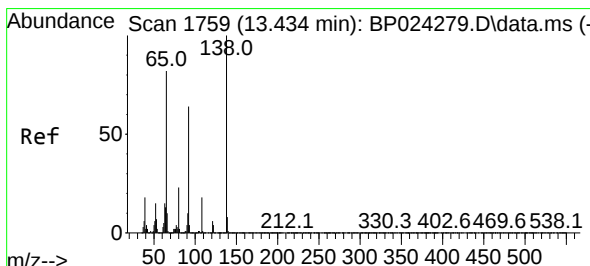
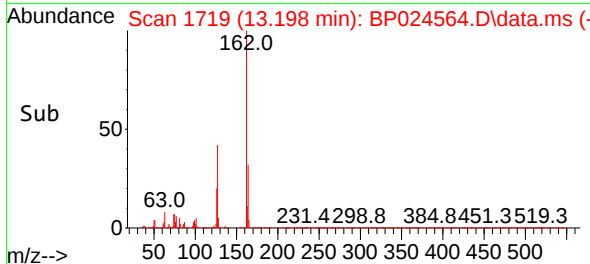
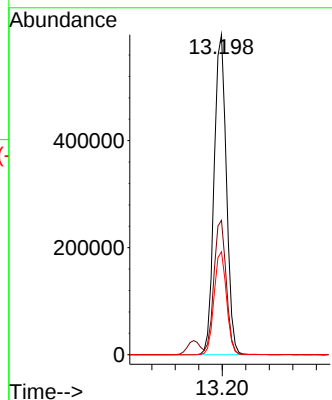
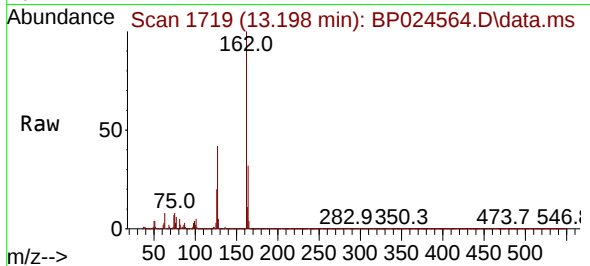




#47
2-Chloronaphthalene
Concen: 45.068 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

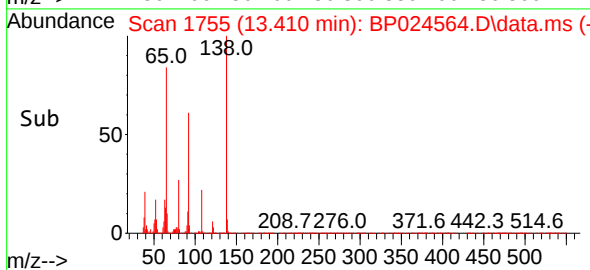
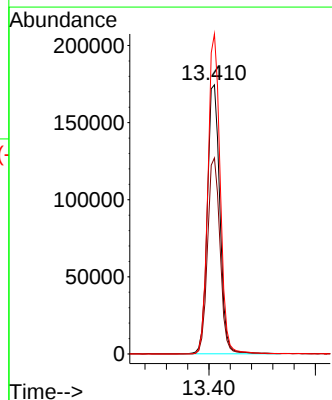
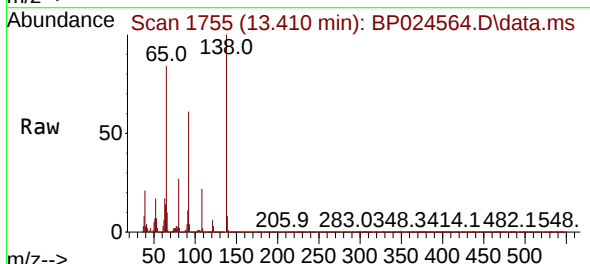
Instrument :
BNA_P
ClientSampleId :
MH-PMS

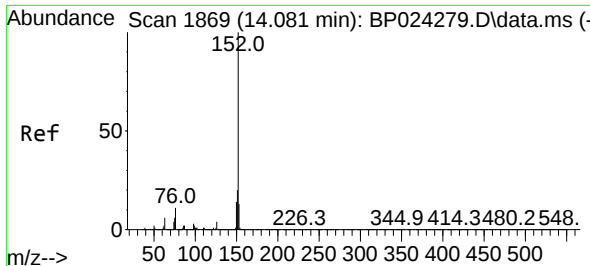
Tgt Ion:162 Resp: 867120
Ion Ratio Lower Upper
162 100
127 42.0 31.9 47.9
164 32.1 26.2 39.4



#48
2-Nitroaniline
Concen: 52.913 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion: 65 Resp: 285573
Ion Ratio Lower Upper
65 100
92 72.8 62.3 93.5
138 118.9 97.2 145.8

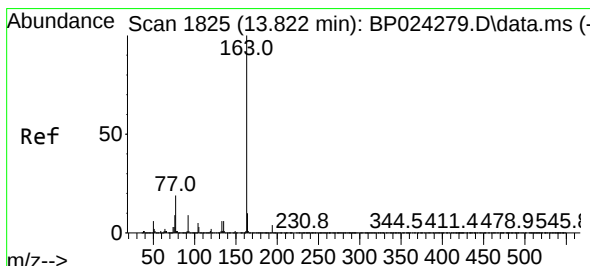
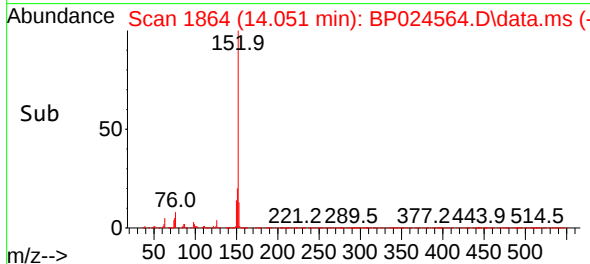
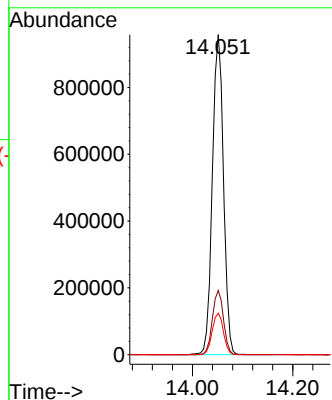
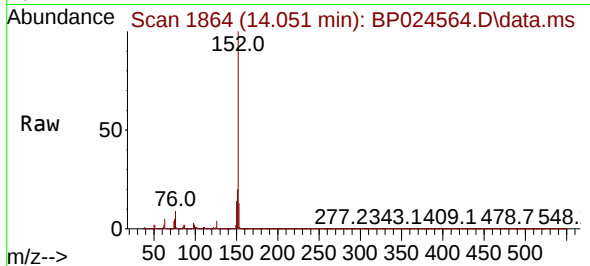




#49
Acenaphthylene
Concen: 48.626 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

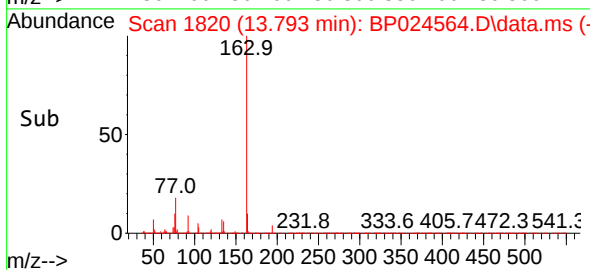
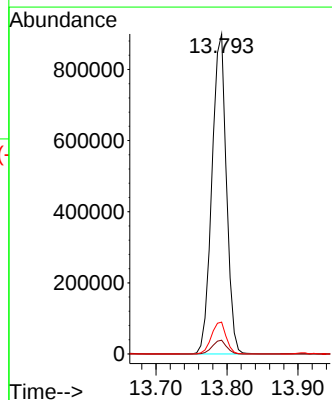
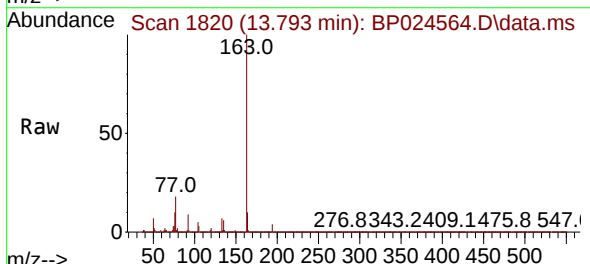
Instrument :
BNA_P
ClientSampleId :
MH-PMS

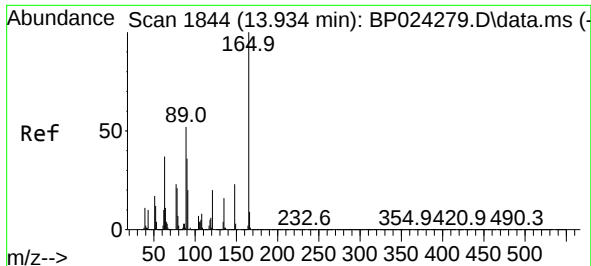
Tgt Ion:152 Resp: 1473000
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 49.935 ng
RT: 13.793 min Scan# 1820
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:163 Resp: 1271804
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.9 8.0 12.0

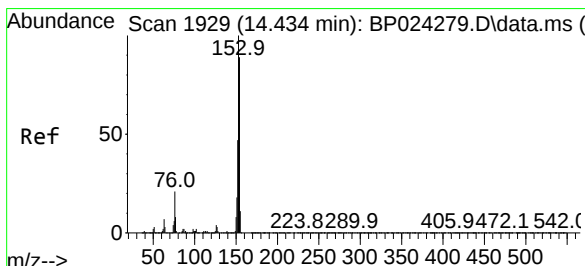
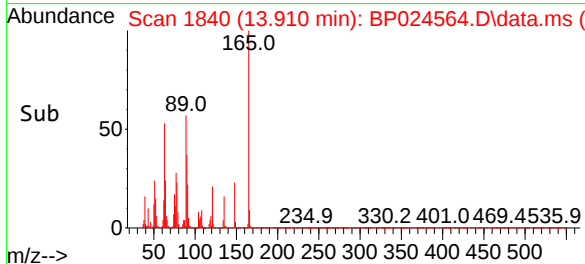
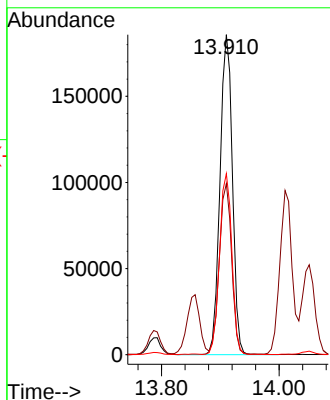
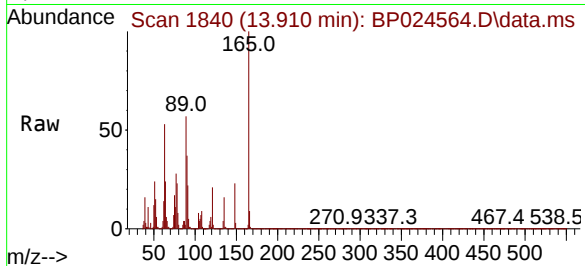




#51
2,6-Dinitrotoluene
Concen: 50.247 ng
RT: 13.910 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

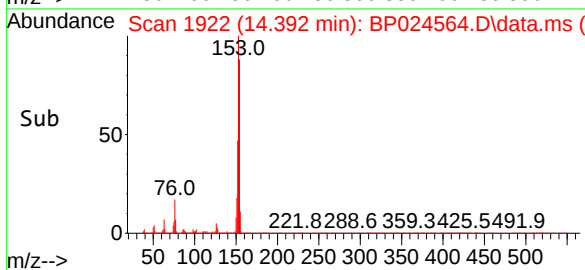
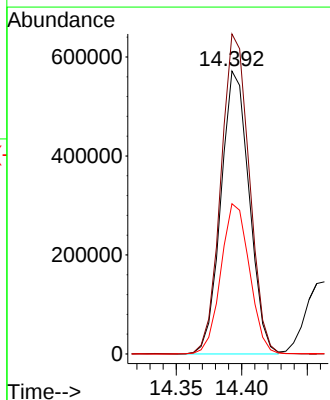
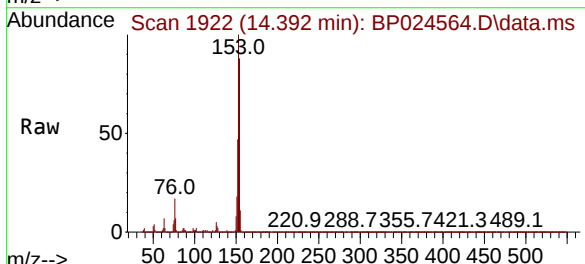
Instrument :
BNA_P
ClientSampleId :
MH-PMS

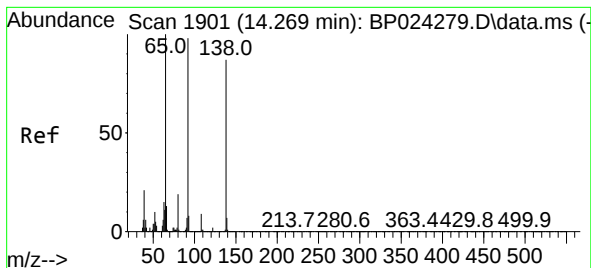
Tgt Ion:165 Resp: 271753
Ion Ratio Lower Upper
165 100
63 53.5 38.0 57.0
89 56.6 41.7 62.5



#52
Acenaphthene
Concen: 44.618 ng
RT: 14.392 min Scan# 1922
Delta R.T. -0.029 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:154 Resp: 856876
Ion Ratio Lower Upper
154 100
153 113.1 89.8 134.6
152 53.1 42.6 63.8

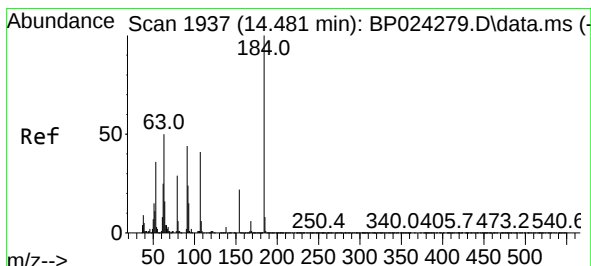
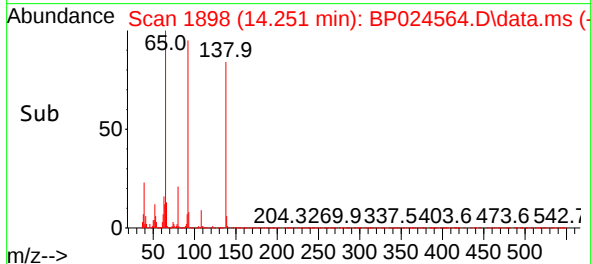
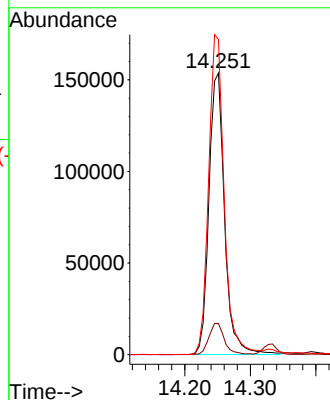
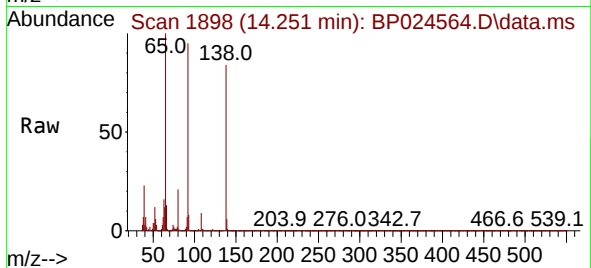




#53
3-Nitroaniline
Concen: 44.872 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

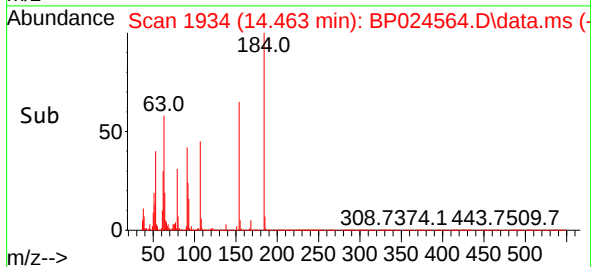
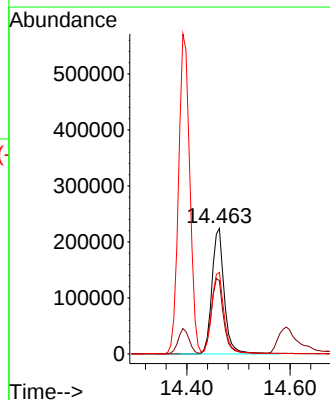
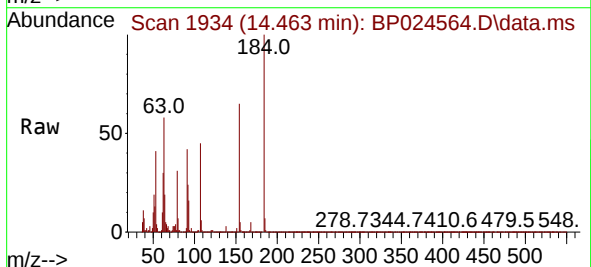
Instrument :
BNA_P
ClientSampleId :
MH-PMS

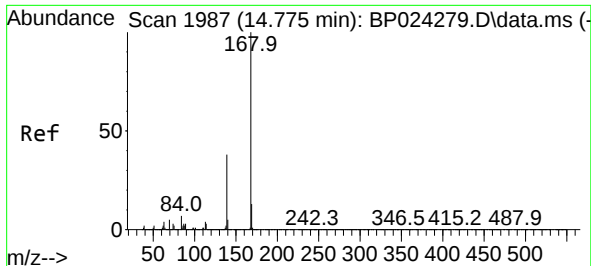
Tgt Ion:138 Resp: 255065
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 111.9 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 116.346 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:184 Resp: 370652
Ion Ratio Lower Upper
184 100
63 58.4 42.6 64.0
154 64.9 47.2 70.8

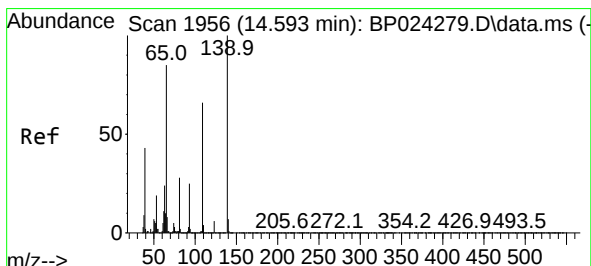
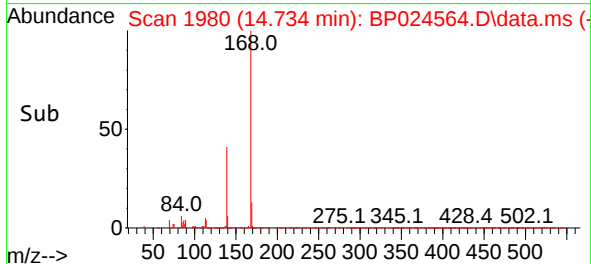
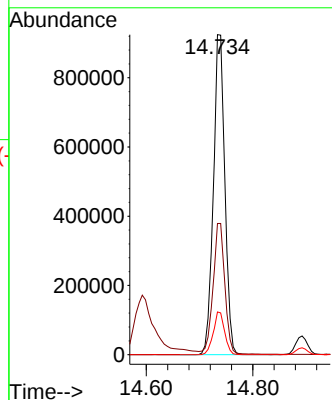
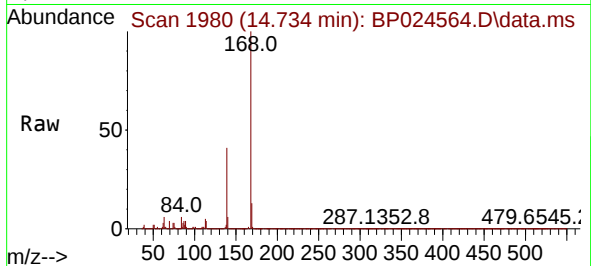




#55
Dibenzofuran
Concen: 43.968 ng
RT: 14.734 min Scan# 1980
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

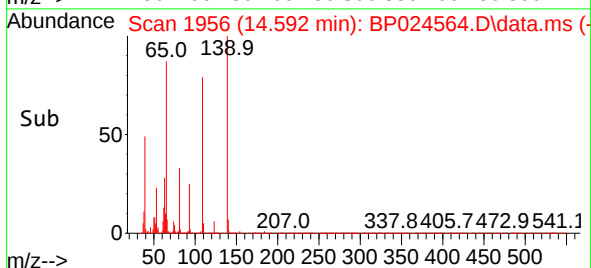
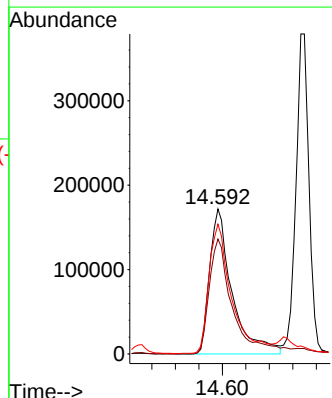
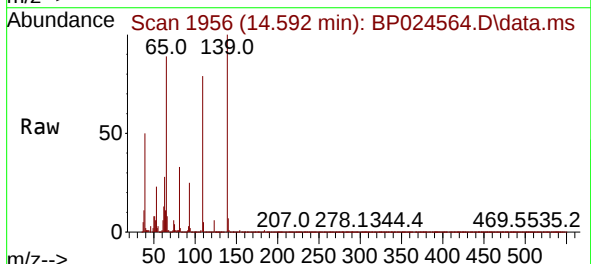
Instrument :
BNA_P
ClientSampleId :
MH-PMS

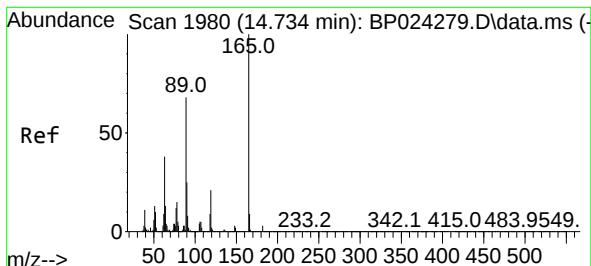
Tgt Ion:168 Resp: 1380207
Ion Ratio Lower Upper
168 100
139 41.0 30.3 45.5
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 92.723 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:139 Resp: 455200
Ion Ratio Lower Upper
139 100
109 79.2 46.1 86.1
65 89.5 65.0 105.0



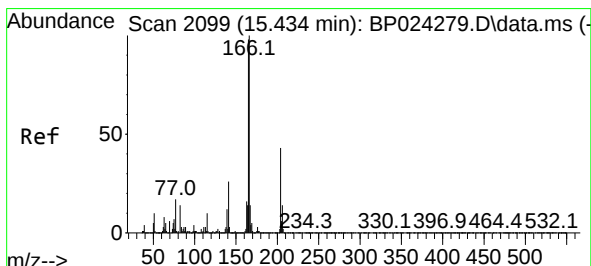
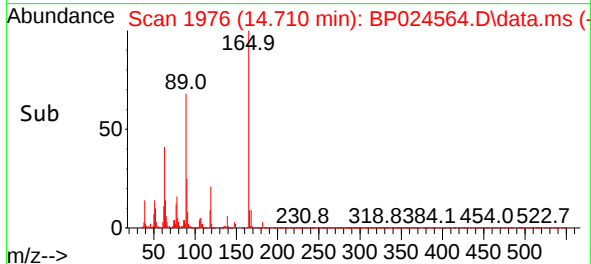
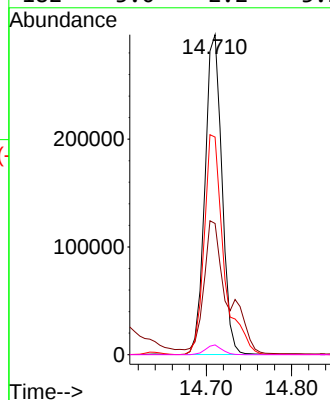
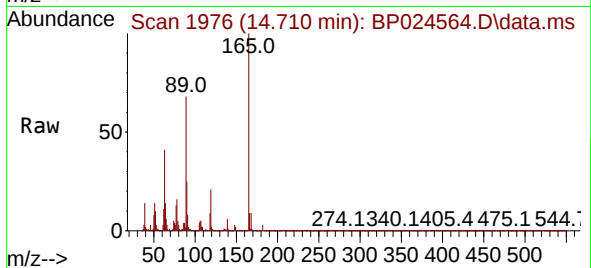


#57
2,4-Dinitrotoluene
Concen: 55.581 ng
RT: 14.710 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Instrument :
BNA_P
ClientSampleId :
MH-PMS

Tgt Ion:165 Resp: 410058

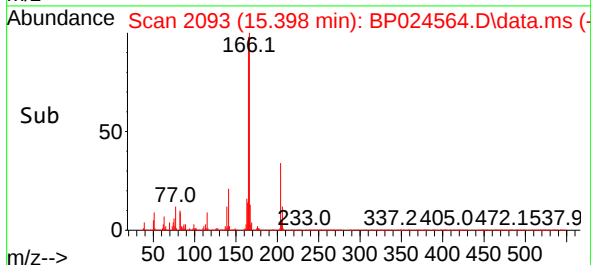
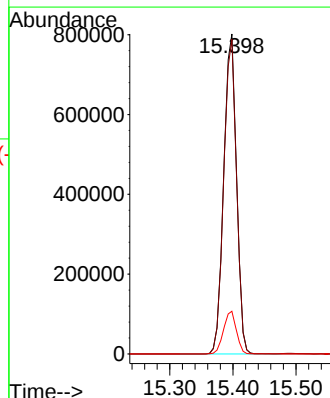
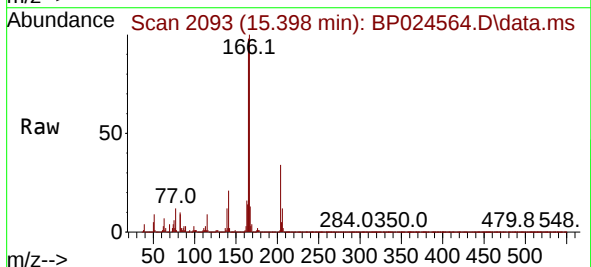
Ion	Ratio	Lower	Upper
165	100		
63	41.0	30.4	45.6
89	68.0	54.6	82.0
182	3.0	2.2	3.2

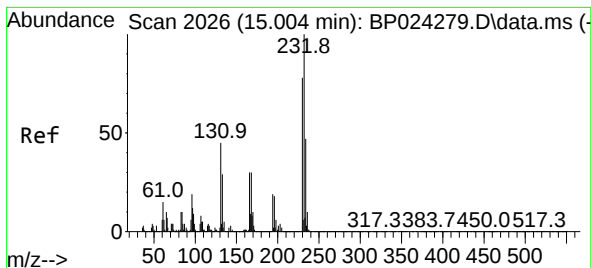


#58
Fluorene
Concen: 46.461 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:166 Resp: 1129048

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.1	117.1
167	13.3	10.9	16.3



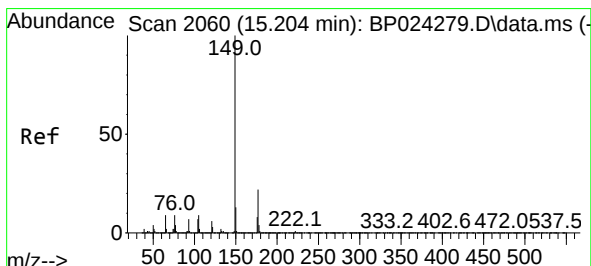
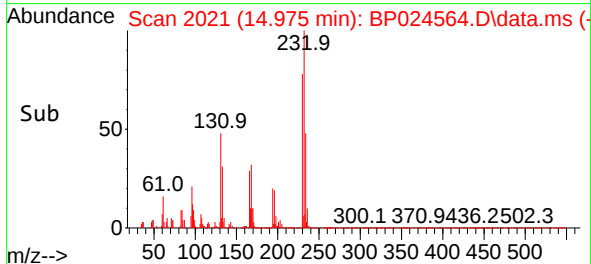
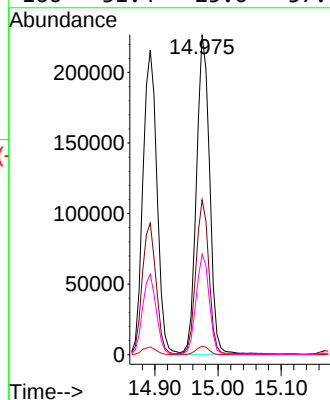
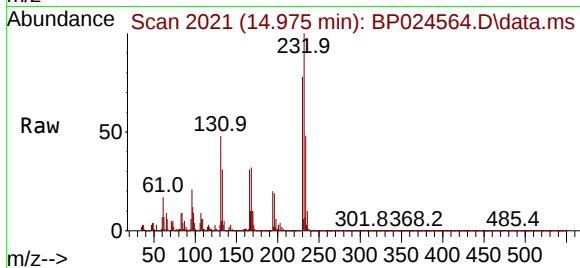


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.052 ng
RT: 14.975 min Scan# 20
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Instrument :
BNA_P
ClientSampleId :
MH-PMS

Tgt Ion:232 Resp: 327341

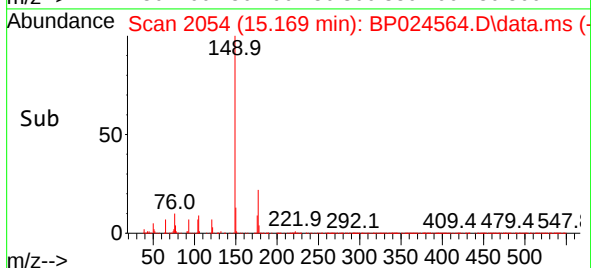
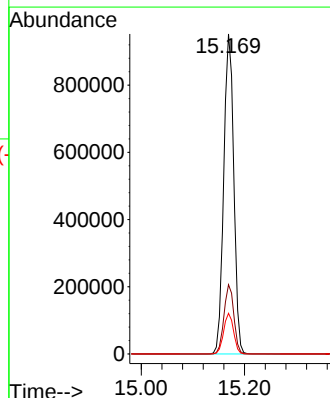
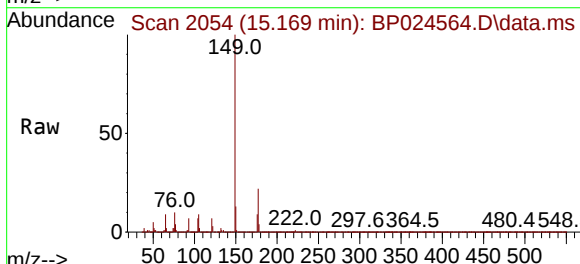
Ion	Ratio	Lower	Upper
232	100		
131	47.9	36.8	55.2
130	2.6	1.9	2.9
166	31.4	25.0	37.6

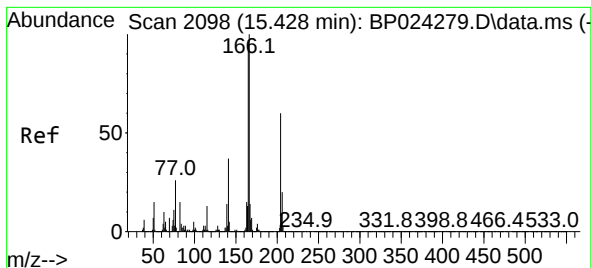


#60
Diethylphthalate
Concen: 48.807 ng
RT: 15.169 min Scan# 2054
Delta R.T. -0.023 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:149 Resp: 1281017

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.7	10.1	15.1

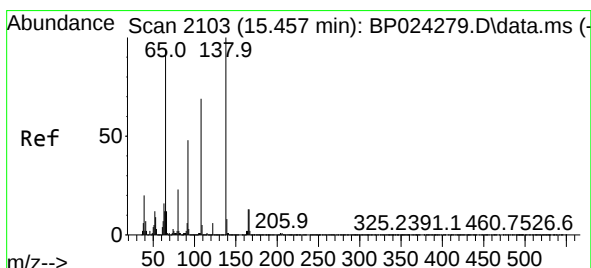
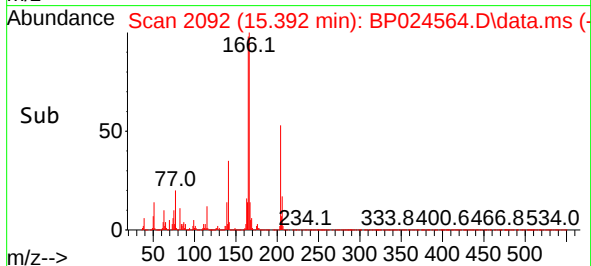
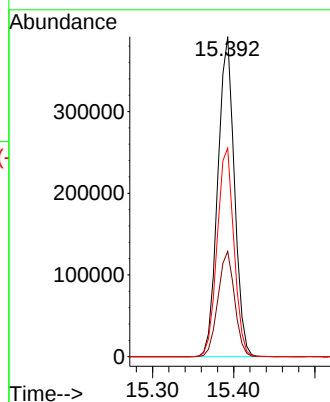
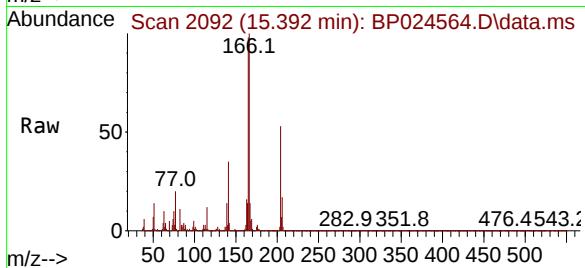




#61
4-Chlorophenyl-phenylether
Concen: 47.138 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

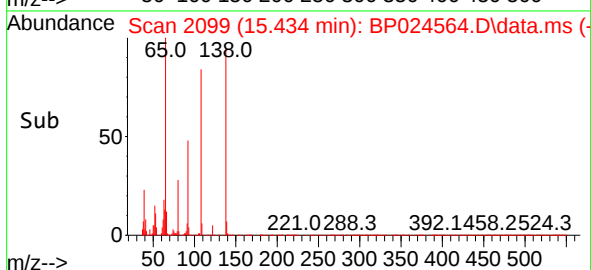
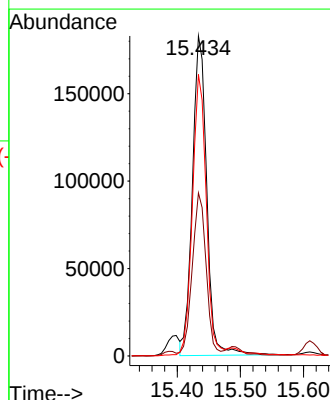
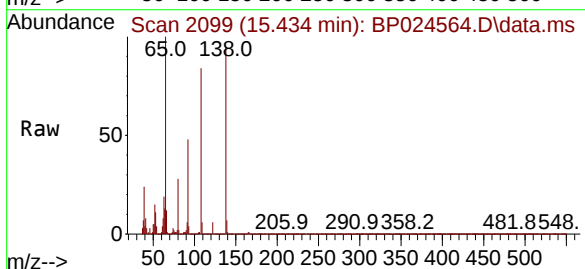
Instrument :
BNA_P
ClientSampleId :
MH-PMS

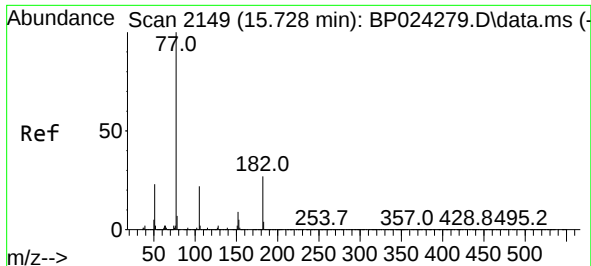
Tgt Ion:204 Resp: 556252
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 65.2 49.4 74.0



#62
4-Nitroaniline
Concen: 47.838 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:138 Resp: 287865
Ion Ratio Lower Upper
138 100
92 51.0 27.8 67.8
108 88.0 48.9 88.9



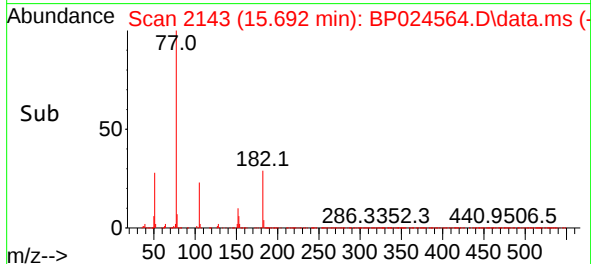
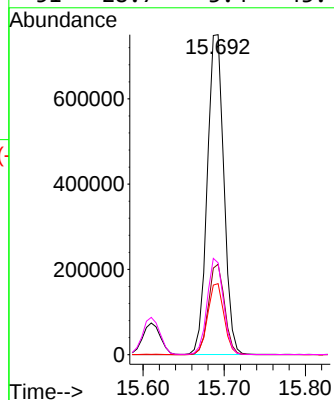
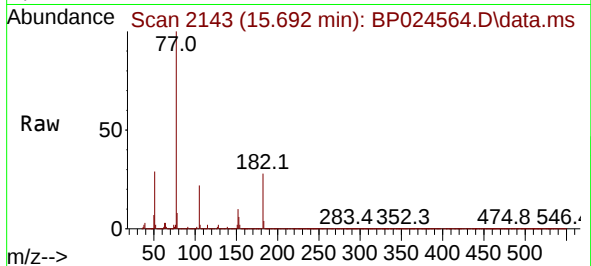


#63
Azobenzene
Concen: 43.916 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Instrument :
BNA_P
ClientSampleId :
MH-PMS

Tgt Ion: 77 Resp: 1059416

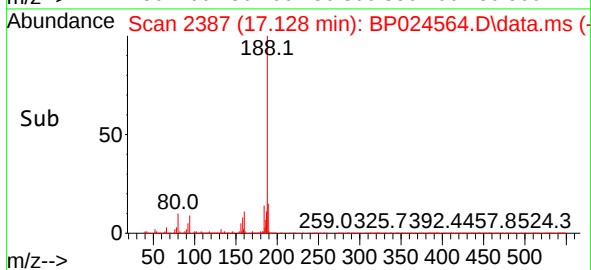
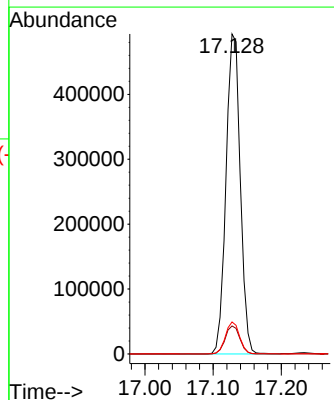
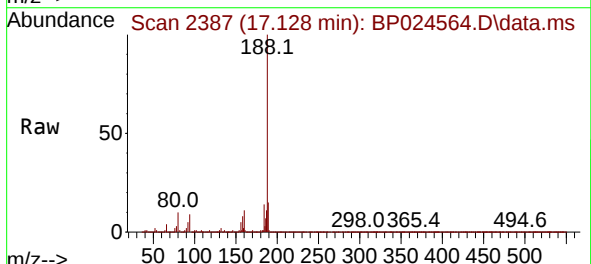
Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.3	47.3
105	22.2	2.3	42.3
51	28.7	3.4	43.4

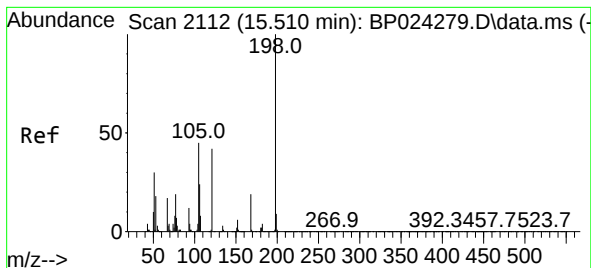


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2387
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion: 188 Resp: 716225

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.6	13.0
80	10.0	9.8	14.6

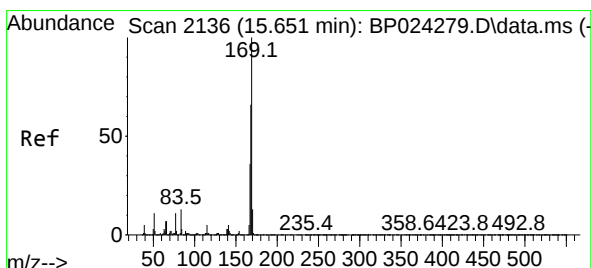
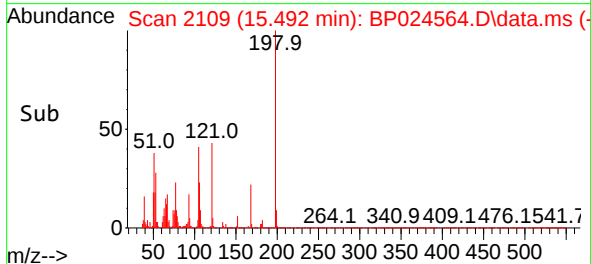
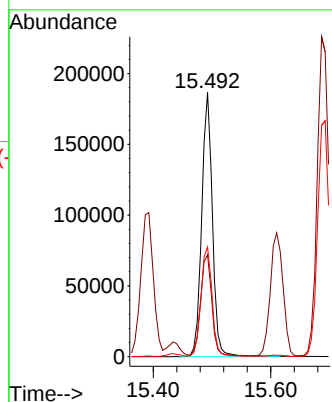
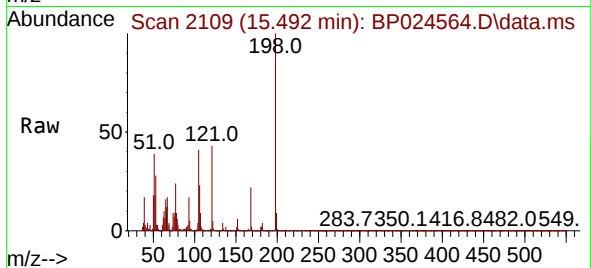




#65
4,6-Dinitro-2-methylphenol
Concen: 52.159 ng
RT: 15.492 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

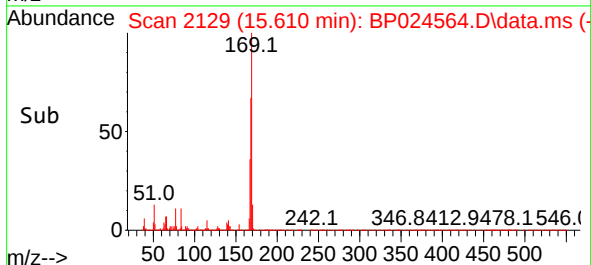
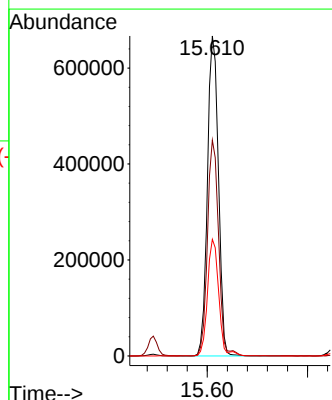
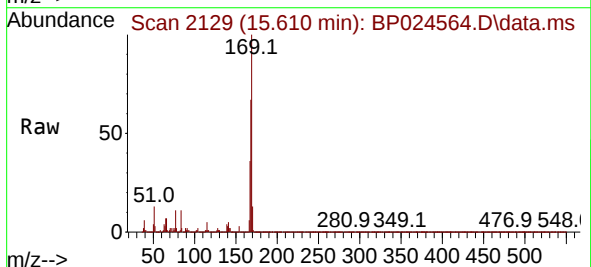
Instrument :
BNA_P
ClientSampleId :
MH-PMS

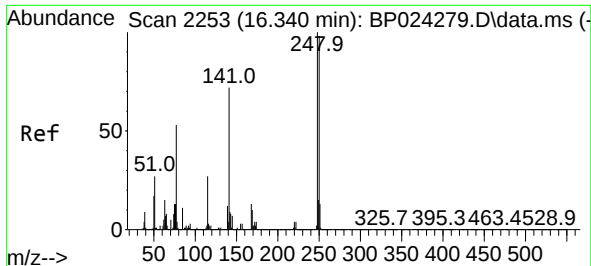
Tgt Ion:198 Resp: 235526
Ion Ratio Lower Upper
198 100
51 38.6 18.4 58.4
105 41.5 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 47.484 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:169 Resp: 1015090
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.4
167 36.4 28.9 43.3

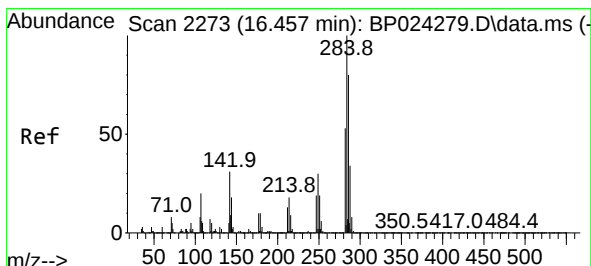
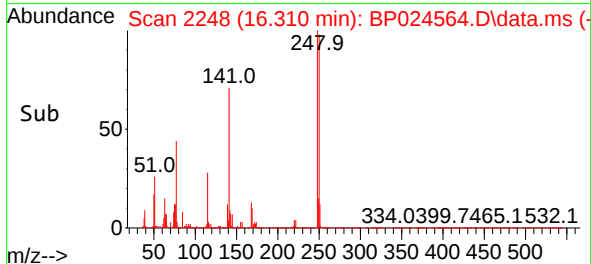
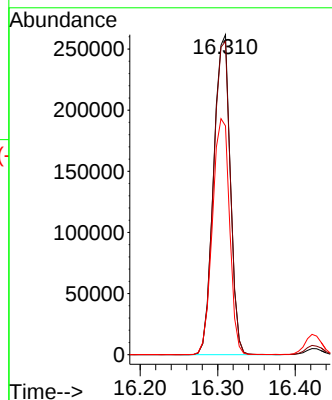
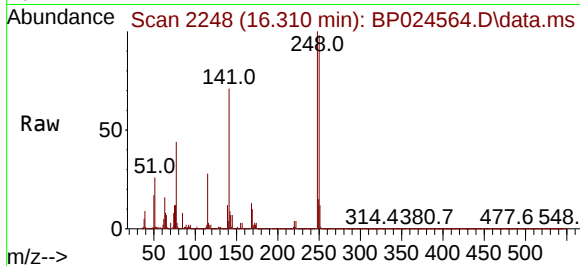




#67
4-Bromophenyl-phenylether
Concen: 49.857 ng
RT: 16.310 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

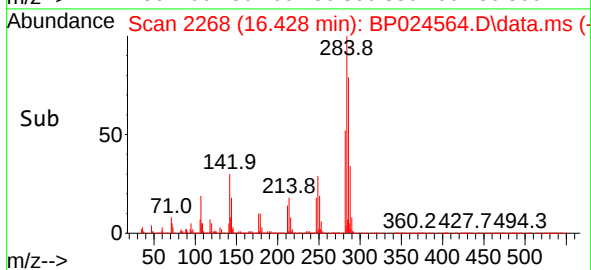
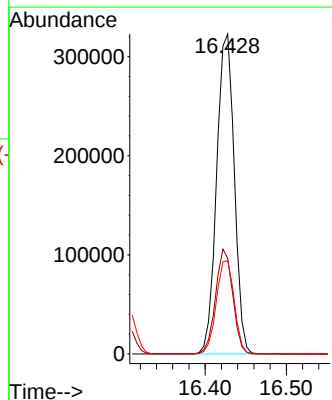
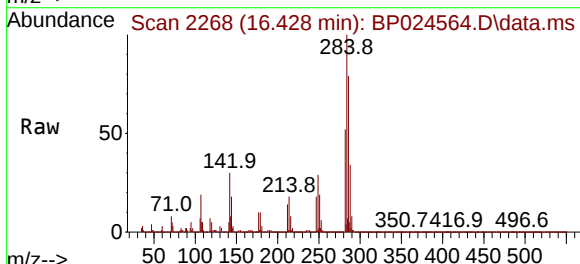
Instrument :
BNA_P
ClientSampleId :
MH-PMS

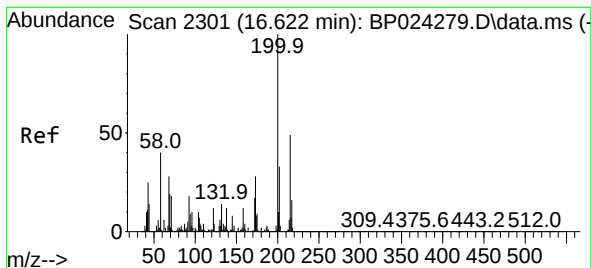
Tgt Ion:248 Resp: 390541
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 71.5 57.7 86.5



#68
Hexachlorobenzene
Concen: 52.446 ng
RT: 16.428 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:284 Resp: 488168
Ion Ratio Lower Upper
284 100
142 29.9 24.6 37.0
249 29.2 23.8 35.6





#69

Atrazine

Concen: 70.306 ng

RT: 16.592 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

Instrument :

BNA_P

ClientSampleId :

MH-PMS

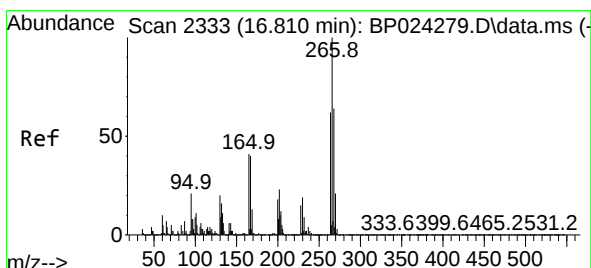
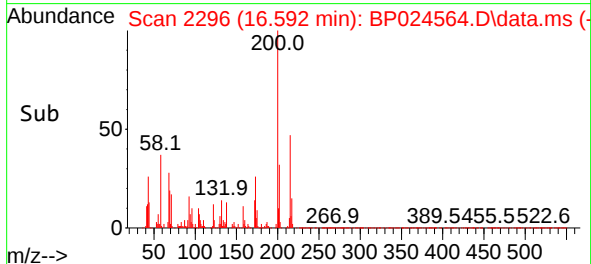
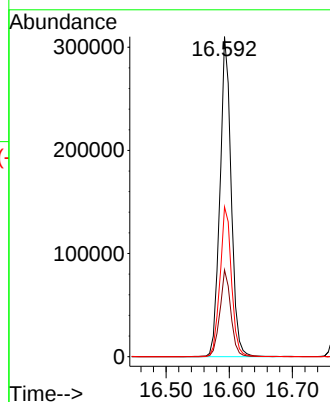
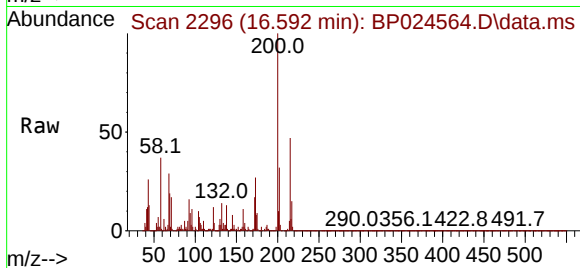
Tgt Ion:200 Resp: 382793

Ion Ratio Lower Upper

200 100

173 27.1 7.5 47.5

215 46.8 28.8 68.8



#70

Pentachlorophenol

Concen: 103.217 ng

RT: 16.781 min Scan# 2328

Delta R.T. -0.018 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

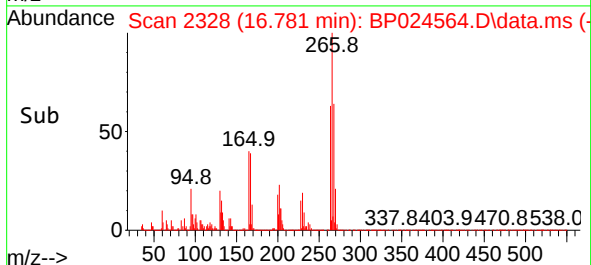
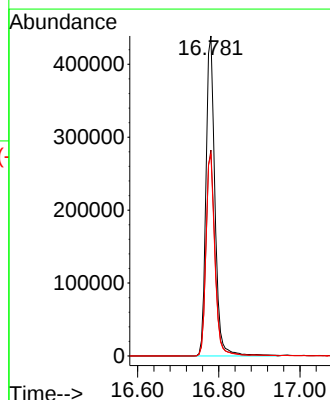
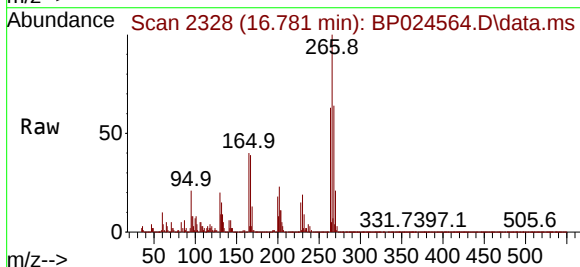
Tgt Ion:266 Resp: 670241

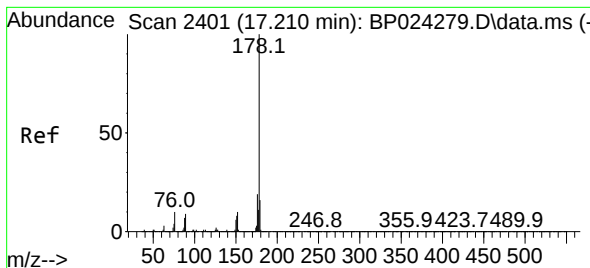
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.6

264 63.0 49.8 74.6





#71

Phenanthrene

Concen: 46.920 ng

RT: 17.175 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

Instrument :

BNA_P

ClientSampleId :

MH-PMS

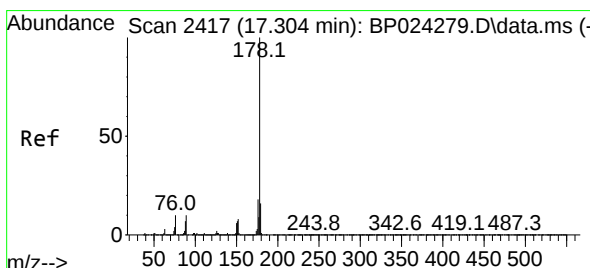
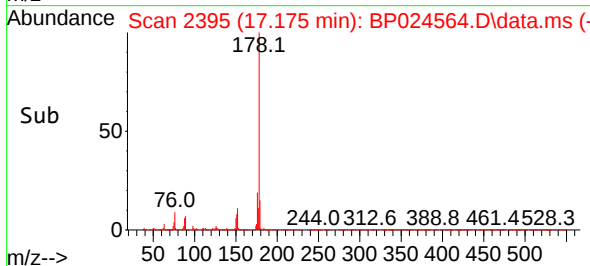
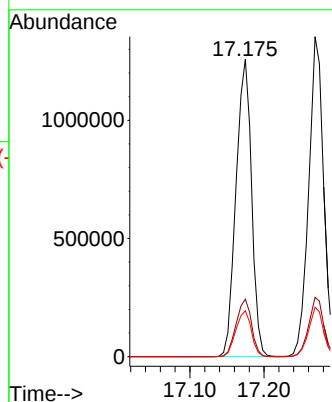
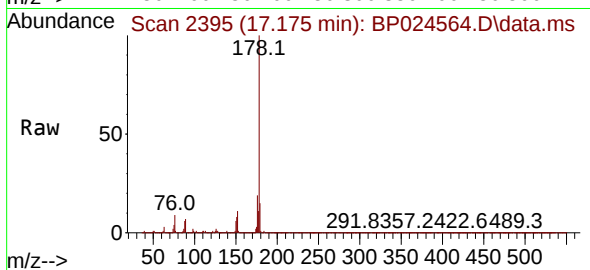
Tgt Ion:178 Resp: 1833269

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.5 12.5 18.7



#72

Anthracene

Concen: 50.349 ng

RT: 17.269 min Scan# 2411

Delta R.T. -0.018 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

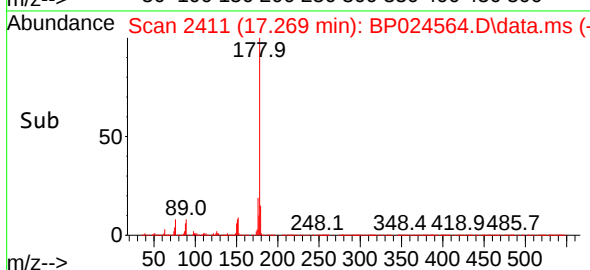
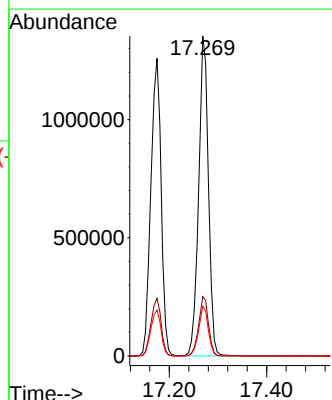
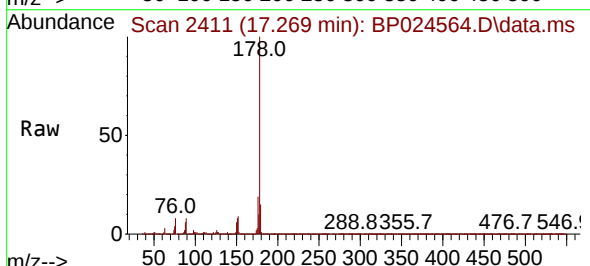
Tgt Ion:178 Resp: 1895993

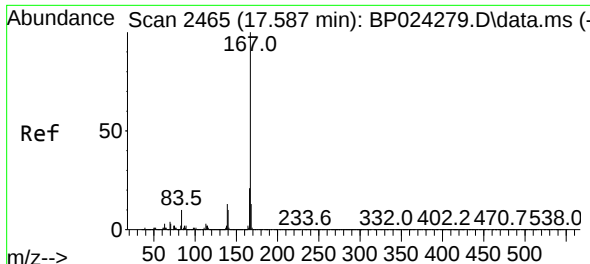
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.5 12.4 18.6

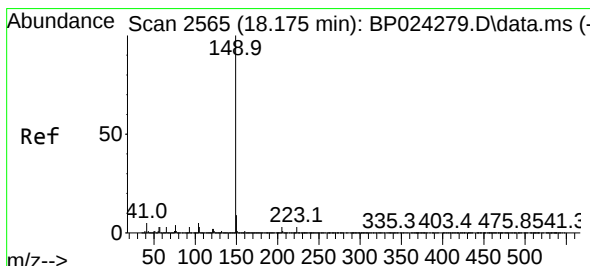
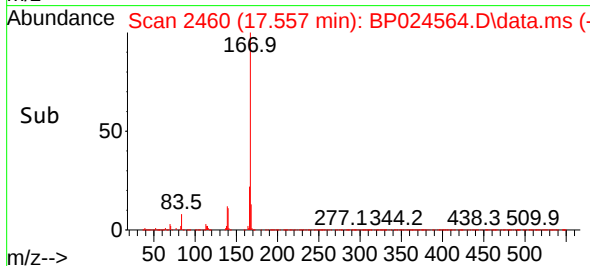
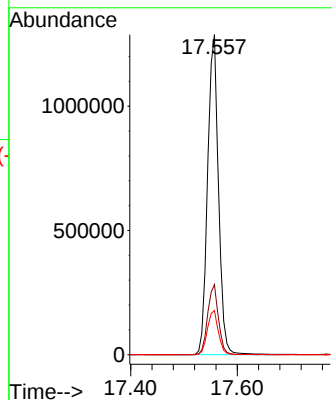
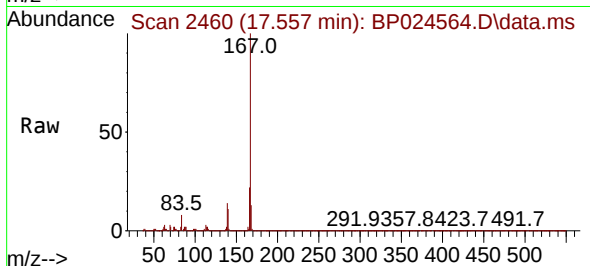




#73
 Carbazole
 Concen: 49.443 ng
 RT: 17.557 min Scan# 2460
 Delta R.T. -0.012 min
 Lab File: BP024564.D
 Acq: 07 May 2025 15:21

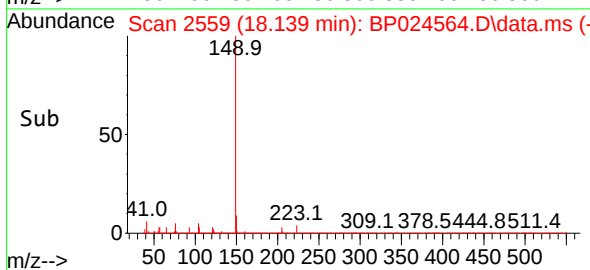
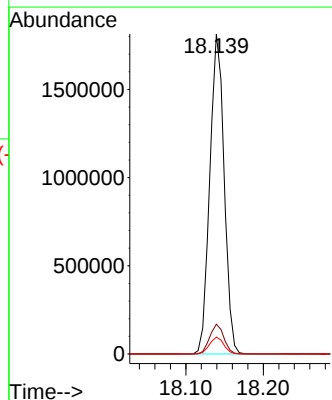
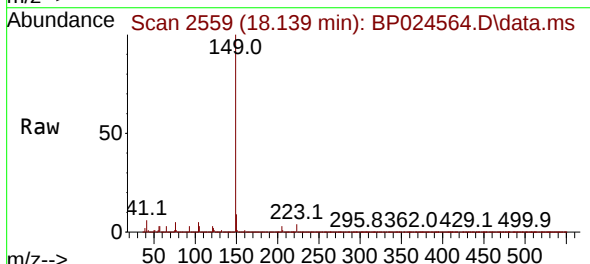
Instrument :
 BNA_P
 ClientSampleId :
 MH-PMS

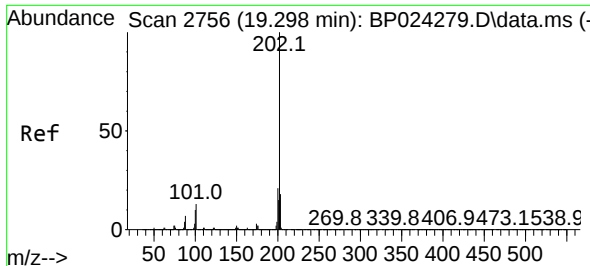
Tgt Ion:167 Resp: 1819229
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 13.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 50.817 ng
 RT: 18.139 min Scan# 2559
 Delta R.T. -0.018 min
 Lab File: BP024564.D
 Acq: 07 May 2025 15:21

Tgt Ion:149 Resp: 2329470
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.2 3.9 5.9

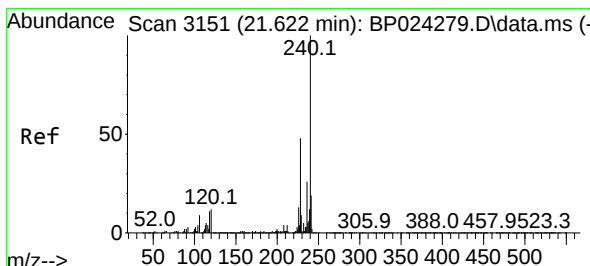
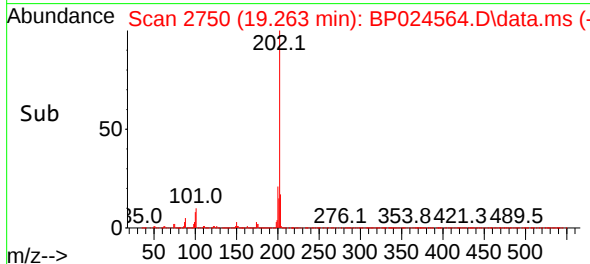
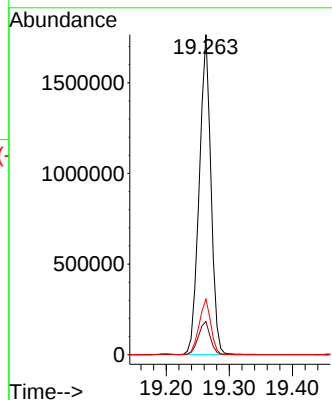
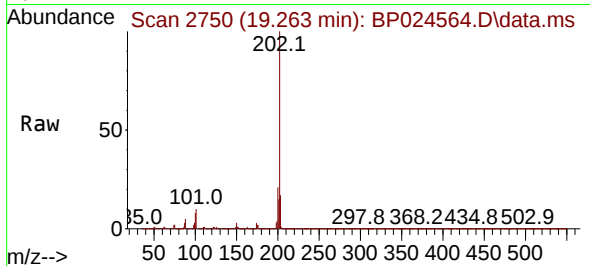




#75
Fluoranthene
Concen: 48.674 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

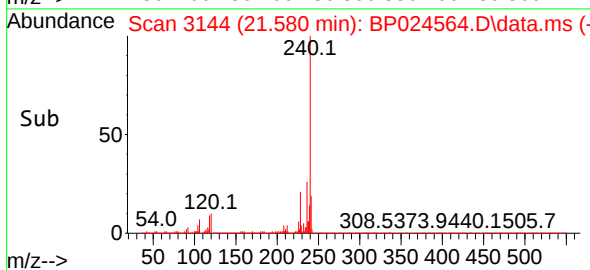
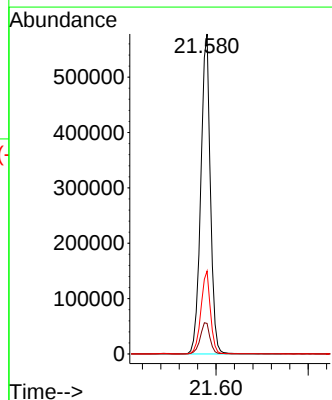
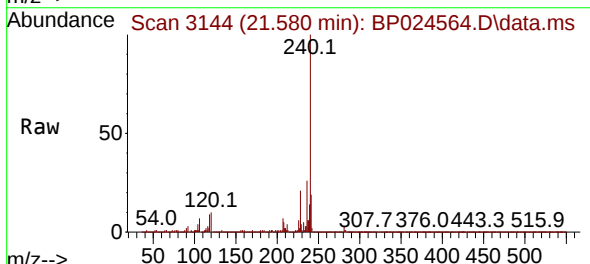
Instrument :
BNA_P
ClientSampleId :
MH-PMS

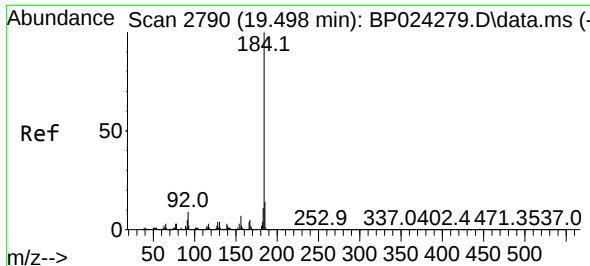
Tgt Ion:202 Resp: 2261850
Ion Ratio Lower Upper
202 100
101 10.4 0.0 33.2
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:240 Resp: 833845
Ion Ratio Lower Upper
240 100
120 9.6 9.8 14.8#
236 25.9 20.9 31.3

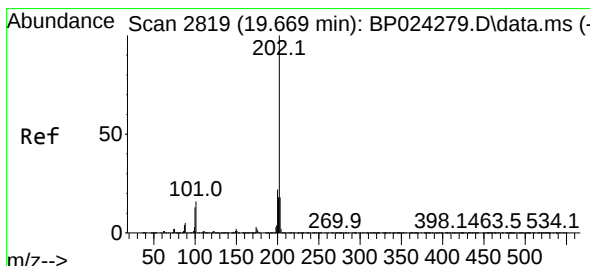
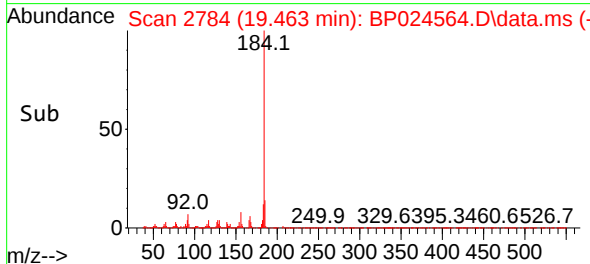
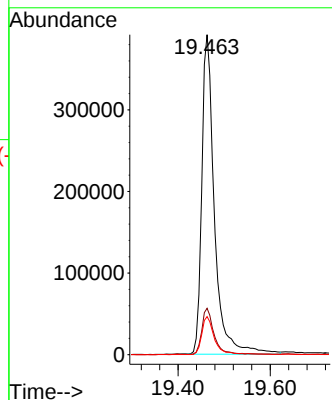
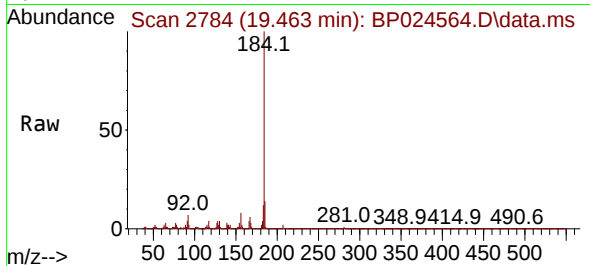




#77
Benzidine
Concen: 70.898 ng
RT: 19.463 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

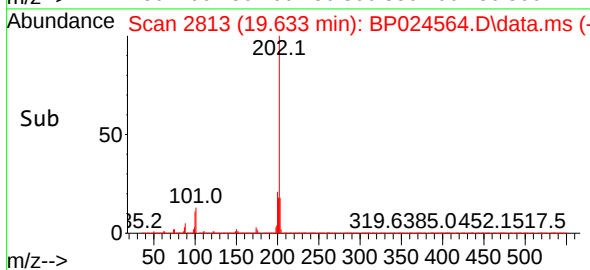
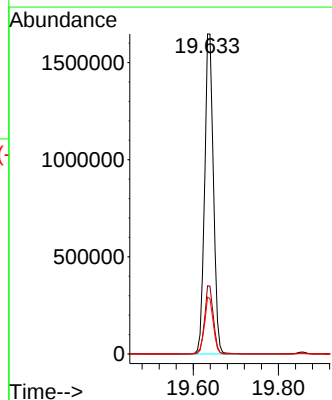
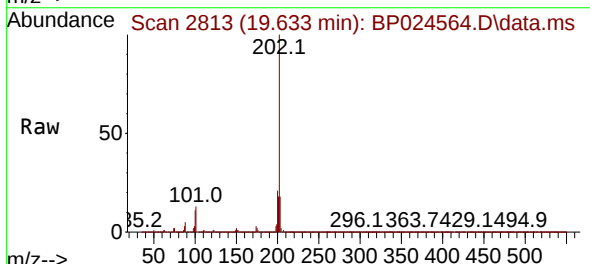
Instrument :
BNA_P
ClientSampleId :
MH-PMS

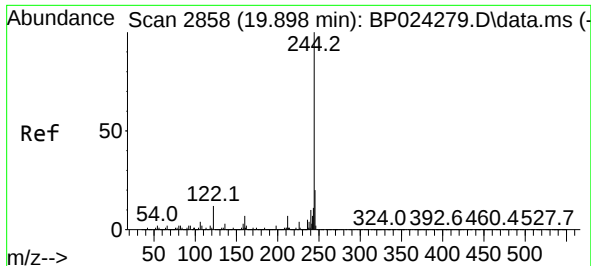
Tgt Ion:184 Resp: 749370
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.9 9.2 13.8



#78
Pyrene
Concen: 44.370 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:202 Resp: 2351241
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.8 14.4 21.6

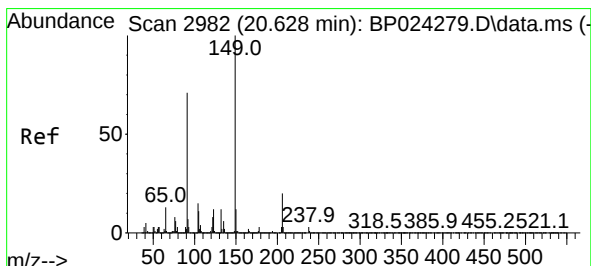
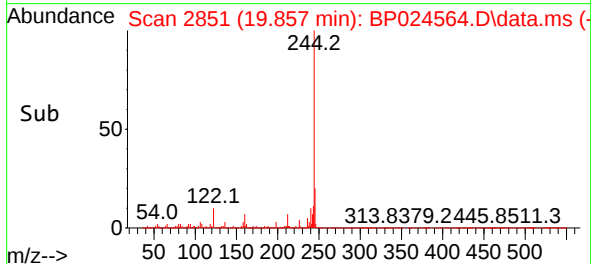
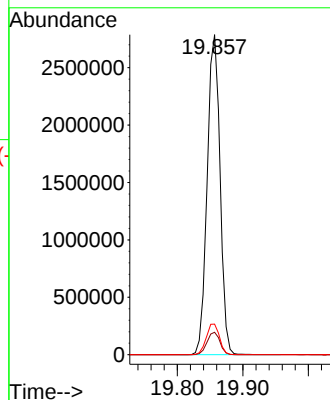
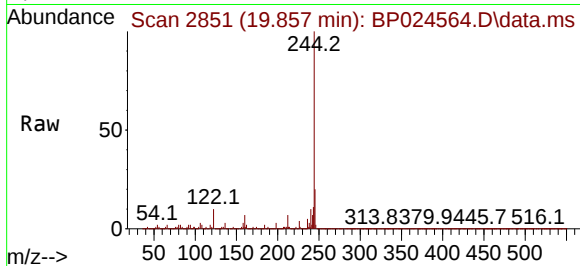




#79
 Terphenyl-d14
 Concen: 92.027 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP024564.D
 Acq: 07 May 2025 15:21

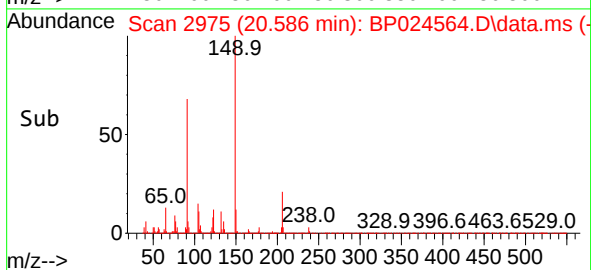
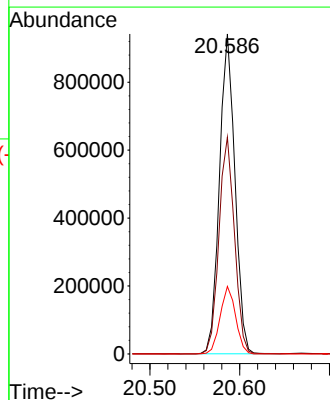
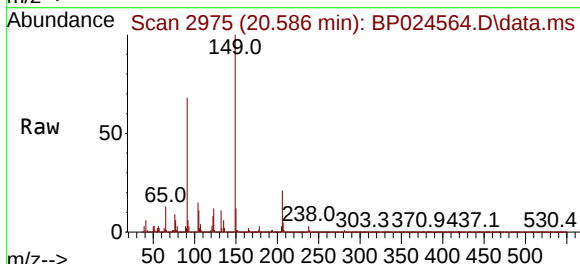
Instrument :
 BNA_P
 ClientSampleId :
 MH-PMS

Tgt Ion:244 Resp: 3807028
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 9.5 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 49.590 ng
 RT: 20.586 min Scan# 2975
 Delta R.T. -0.018 min
 Lab File: BP024564.D
 Acq: 07 May 2025 15:21

Tgt Ion:149 Resp: 1125585
 Ion Ratio Lower Upper
 149 100
 91 67.8 56.4 84.6
 206 21.1 16.3 24.5





#81

Benzo(a)anthracene

Concen: 48.495 ng

RT: 21.557 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

Instrument :

BNA_P

ClientSampleId :

MH-PMS

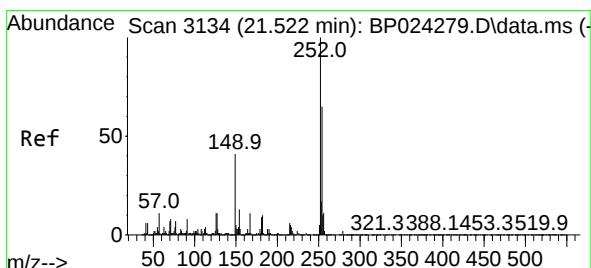
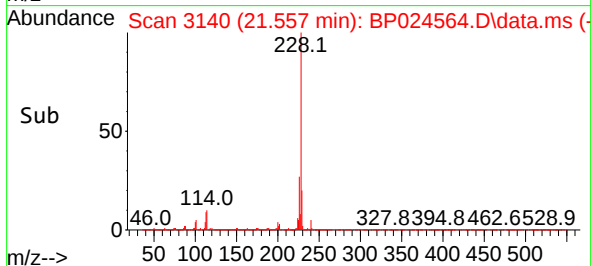
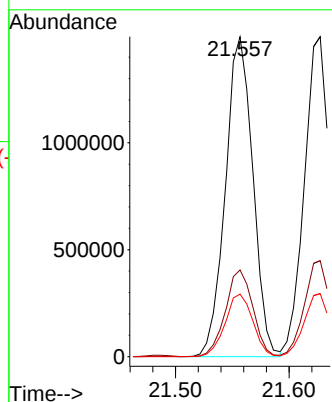
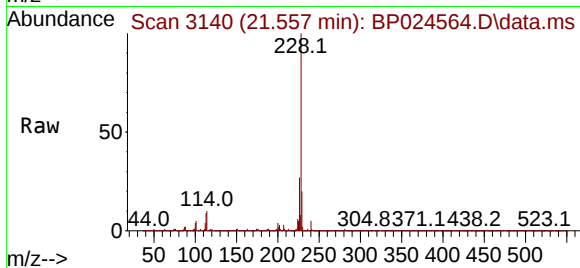
Tgt Ion:228 Resp: 2513406

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.6 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 34.079 ng

RT: 21.486 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

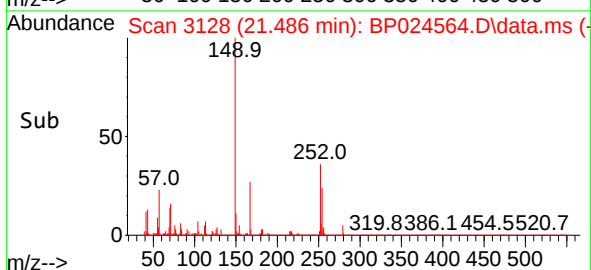
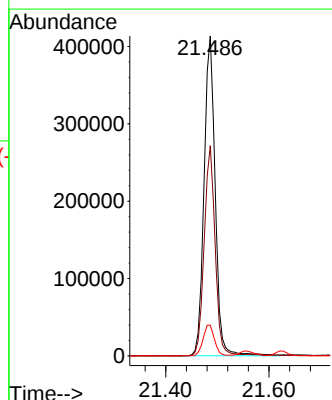
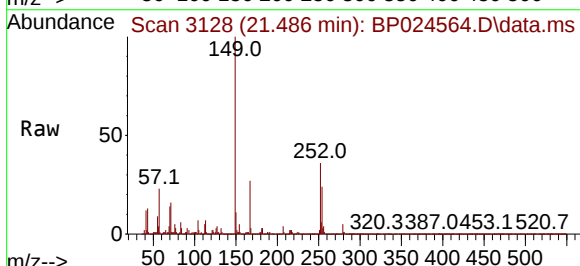
Tgt Ion:252 Resp: 619930

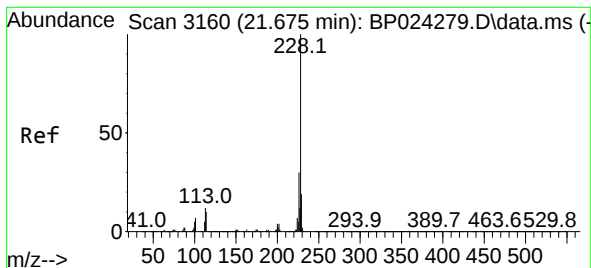
Ion Ratio Lower Upper

252 100

254 65.7 51.7 77.5

126 9.6 8.8 13.2





#83

Chrysene

Concen: 47.093 ng

RT: 21.627 min Scan# 3152

Delta R.T. -0.012 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

Instrument :

BNA_P

ClientSampleId :

MH-PMS

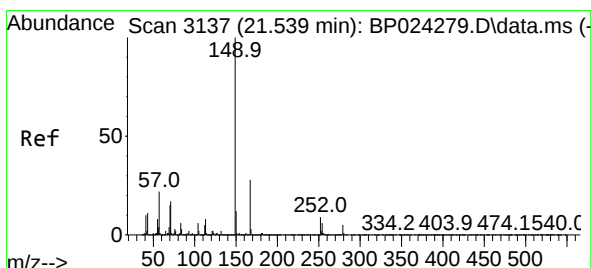
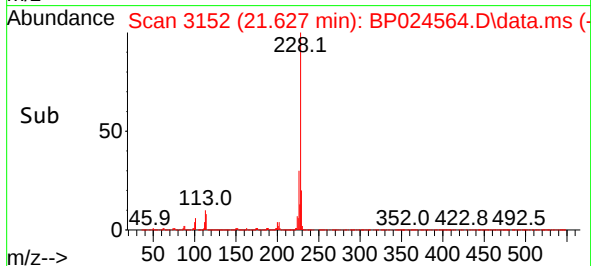
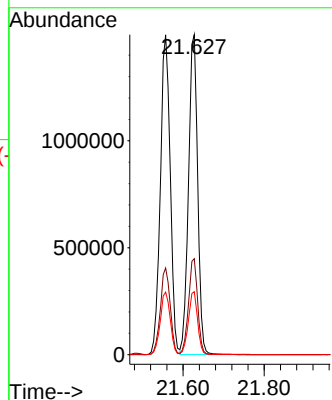
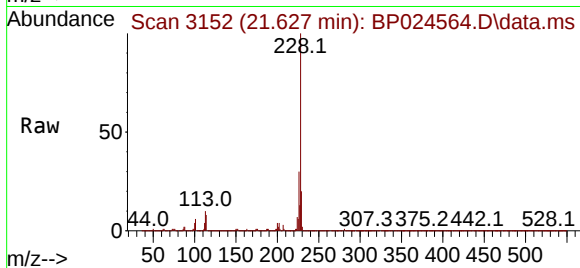
Tgt Ion:228 Resp: 2338368

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.287 ng

RT: 21.486 min Scan# 3128

Delta R.T. -0.023 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

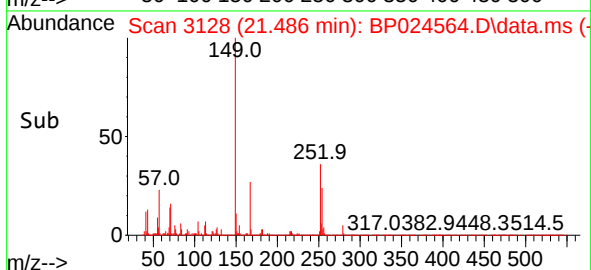
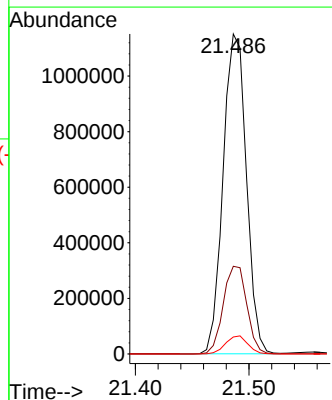
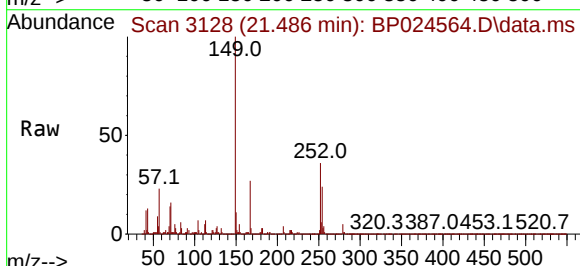
Tgt Ion:149 Resp: 1639970

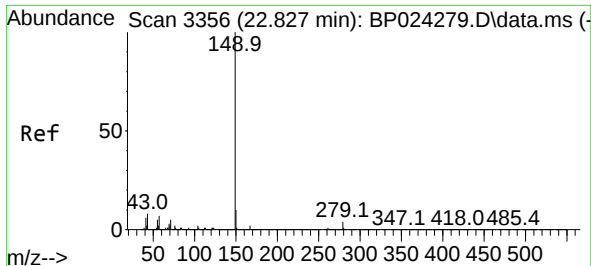
Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

279 5.3 4.0 6.0

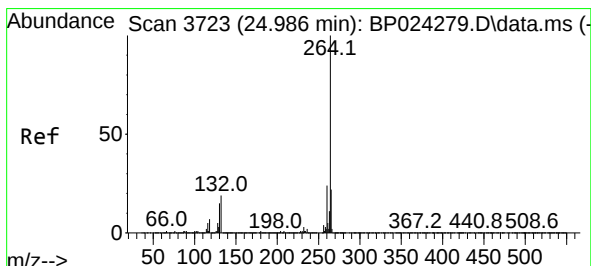
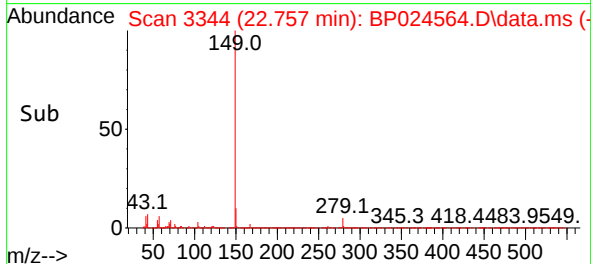
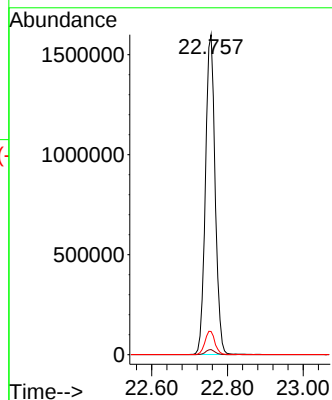
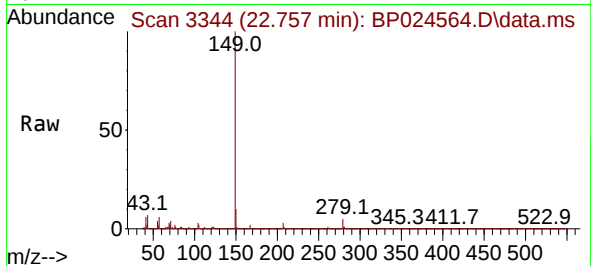




#85
Di-n-octyl phthalate
Concen: 52.141 ng
RT: 22.757 min Scan# 311
Delta R.T. -0.029 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

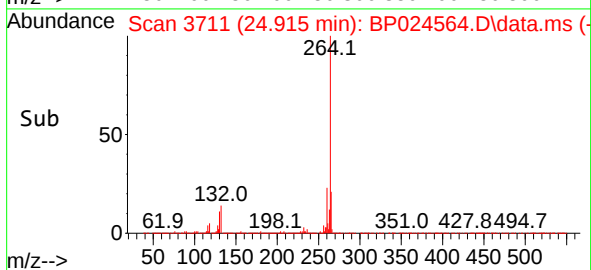
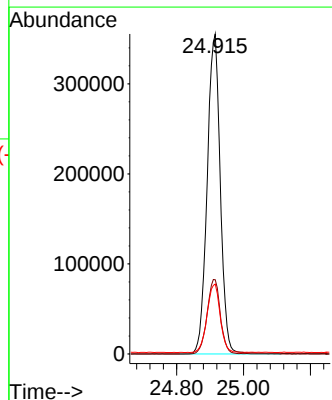
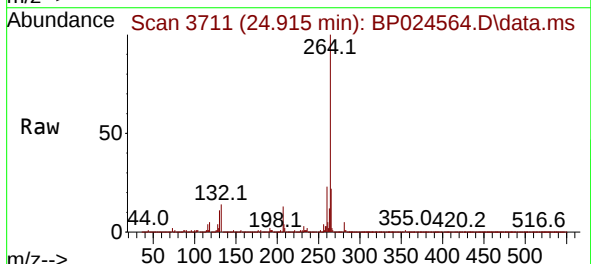
Instrument :
BNA_P
ClientSampleId :
MH-PMS

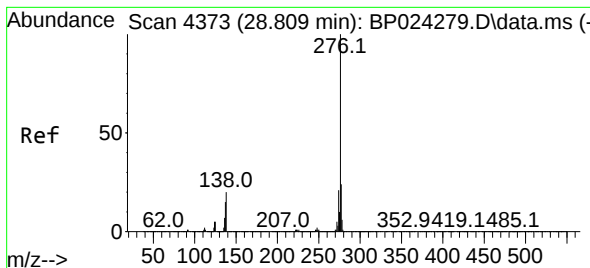
Tgt Ion:149 Resp: 2820486
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.5 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.915 min Scan# 3711
Delta R.T. -0.018 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:264 Resp: 967952
Ion Ratio Lower Upper
264 100
260 23.2 18.9 28.3
265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 22.687 ng

RT: 28.680 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

Instrument :

BNA_P

ClientSampleId :

MH-PMS

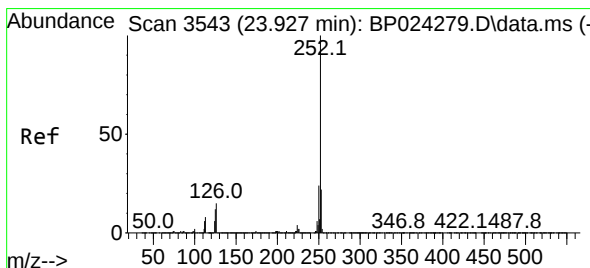
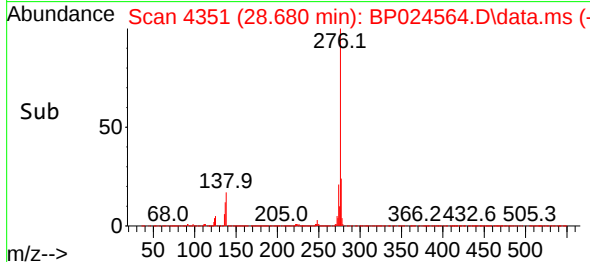
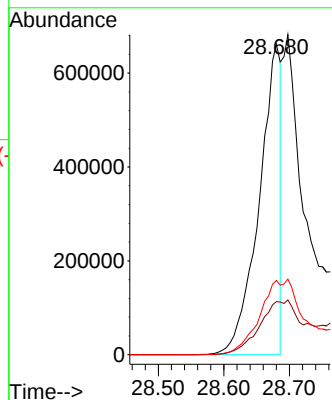
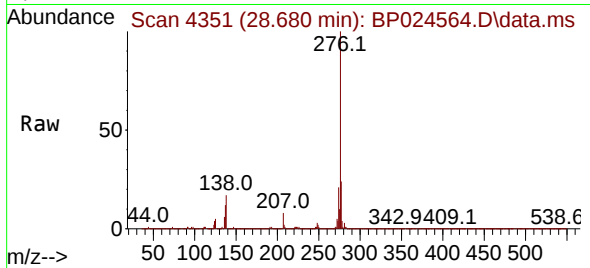
Tgt Ion:276 Resp: 1524544

Ion Ratio Lower Upper

276 100

138 34.9 14.5 21.7#

277 24.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.940 ng

RT: 23.851 min Scan# 3530

Delta R.T. -0.035 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

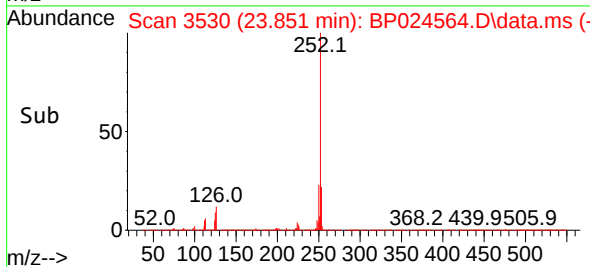
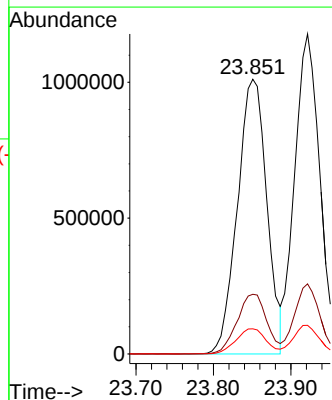
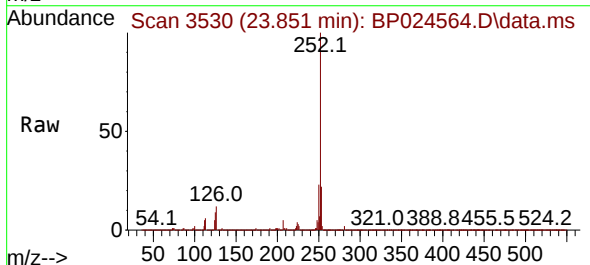
Tgt Ion:252 Resp: 2665441

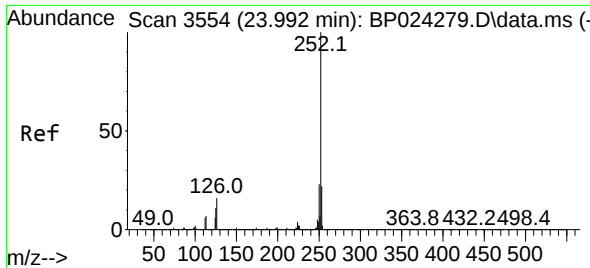
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.1 9.4 14.0#

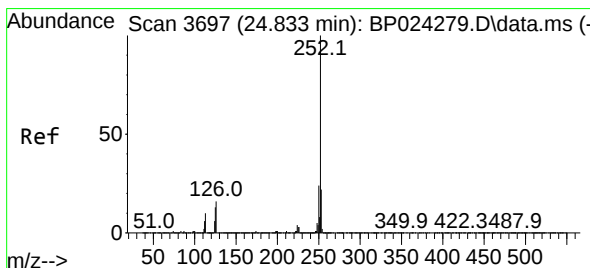
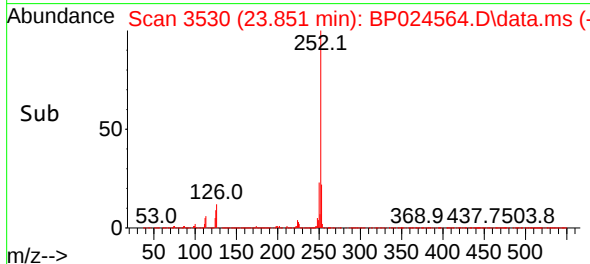
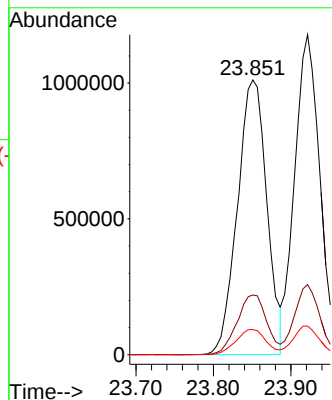
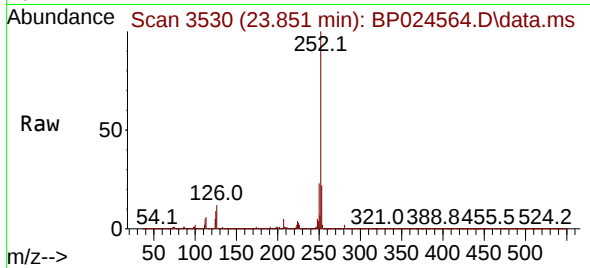




#89
Benzo(k)fluoranthene
Concen: 47.560 ng
RT: 23.851 min Scan# 31
Delta R.T. -0.106 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

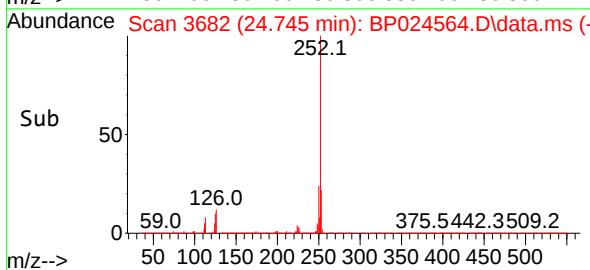
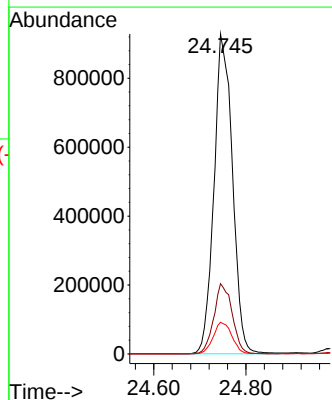
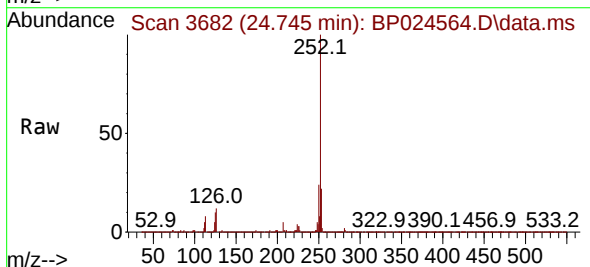
Instrument :
BNA_P
ClientSampleId :
MH-PMS

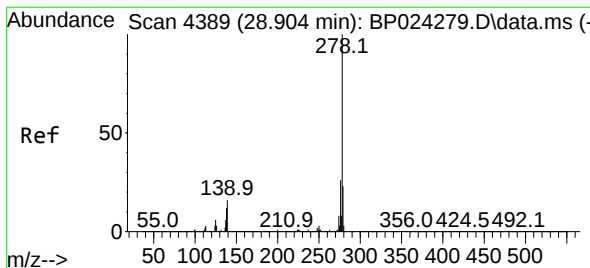
Tgt Ion:252 Resp: 2665441
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 51.574 ng
RT: 24.745 min Scan# 3682
Delta R.T. -0.035 min
Lab File: BP024564.D
Acq: 07 May 2025 15:21

Tgt Ion:252 Resp: 2581161
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.9 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 51.256 ng

RT: 28.762 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

Instrument :

BNA_P

ClientSampleId :

MH-PMS

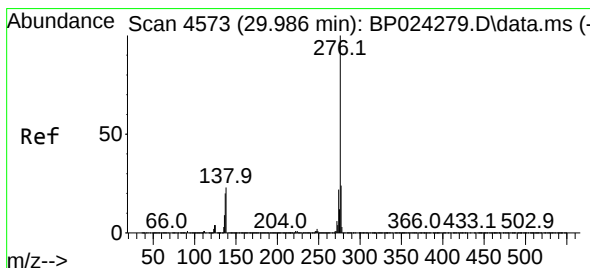
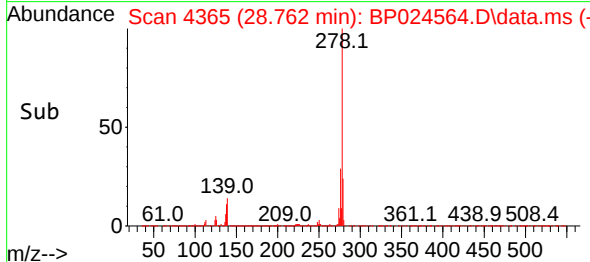
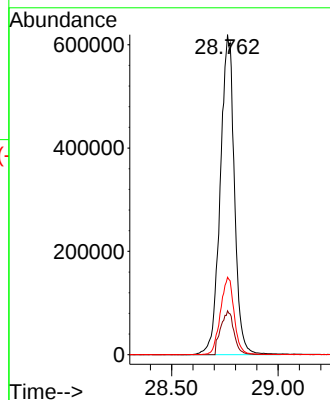
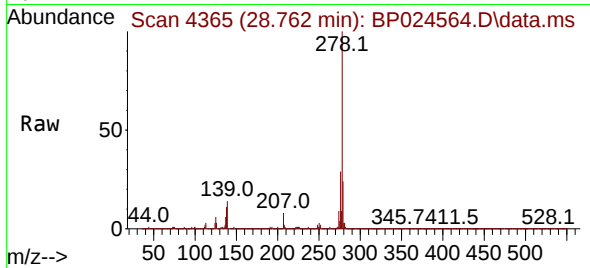
Tgt Ion:278 Resp: 2858954

Ion Ratio Lower Upper

278 100

139 13.7 12.6 19.0

279 24.2 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 49.038 ng

RT: 29.868 min Scan# 4553

Delta R.T. -0.029 min

Lab File: BP024564.D

Acq: 07 May 2025 15:21

Tgt Ion:276 Resp: 2784038

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 18.2 18.7 28.1#

