

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
 Data File : BP024560.D
 Acq On : 07 May 2025 11:30
 Operator : RC/JU
 Sample : PB167886BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167886BS

Quant Time: May 07 12:47:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	202008	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	840936	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	544151	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1045554	20.000	ng	# 0.00
76) Chrysene-d12	21.586	240	997575	20.000	ng	0.00
86) Perylene-d12	24.903	264	953298	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1692160	138.505	ng	-0.01
7) Phenol-d6	6.898	99	2113281	126.325	ng	-0.01
23) Nitrobenzene-d5	8.857	82	1289923	87.466	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	1260495	167.427	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	3220881	90.628	ng	-0.02
79) Terphenyl-d14	19.874	244	5228325	105.640	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	172968	33.471	ng	# 93
3) Pyridine	3.663	79	446507	32.722	ng	# 90
4) n-Nitrosodimethylamine	3.581	42	218152	48.171	ng	# 74
6) Aniline	7.046	93	626749	41.926	ng	98
8) 2-Chlorophenol	7.281	128	634902	46.545	ng	97
9) Benzaldehyde	6.857	77	246544	29.793	ng	97
10) Phenol	6.928	94	745784	44.441	ng	92
11) bis(2-Chloroethyl)ether	7.134	93	538942	39.859	ng	99
12) 1,3-Dichlorobenzene	7.593	146	634992	43.241	ng	99
13) 1,4-Dichlorobenzene	7.740	146	647588	43.463	ng	99
14) 1,2-Dichlorobenzene	8.051	146	621562	43.202	ng	97
15) Benzyl Alcohol	7.951	79	514215	47.530	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	612819	41.931	ng	99
17) 2-Methylphenol	8.157	107	531235	48.934	ng	97
18) Hexachloroethane	8.769	117	244133	45.339	ng	96
19) n-Nitroso-di-n-propyla...	8.504	70	419328	40.517	ng	93
20) 3+4-Methylphenols	8.481	107	715704	47.513	ng	98
22) Acetophenone	8.522	105	878750	42.220	ng	97
24) Nitrobenzene	8.898	77	629494	43.148	ng	99
25) Isophorone	9.416	82	1202612	45.051	ng	97
26) 2-Nitrophenol	9.598	139	344490	48.250	ng	# 92
27) 2,4-Dimethylphenol	9.669	122	607874	67.807	ng	99
28) bis(2-Chloroethoxy)met...	9.892	93	752972	41.755	ng	100
29) 2,4-Dichlorophenol	10.139	162	610229	49.923	ng	100
30) 1,2,4-Trichlorobenzene	10.339	180	593294	45.302	ng	99
31) Naphthalene	10.528	128	1842111	41.585	ng	99
32) Benzoic acid	9.851	122	418732	40.086	ng	97
33) 4-Chloroaniline	10.651	127	368378	23.614	ng	99
34) Hexachlorobutadiene	10.810	225	381354	49.553	ng	99
35) Caprolactam	11.451	113	171244	37.968	ng	95
36) 4-Chloro-3-methylphenol	11.786	107	703676	49.425	ng	99
37) 2-Methylnaphthalene	12.139	142	1216321	39.592	ng	95
38) 1-Methylnaphthalene	12.357	142	1274528	42.408	ng	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	689087	46.049	ng	99
41) Hexachlorocyclopentadiene	12.486	237	967118	182.735	ng	99
43) 2,4,6-Trichlorophenol	12.757	196	506826	50.942	ng	98

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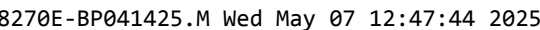
Instrument :
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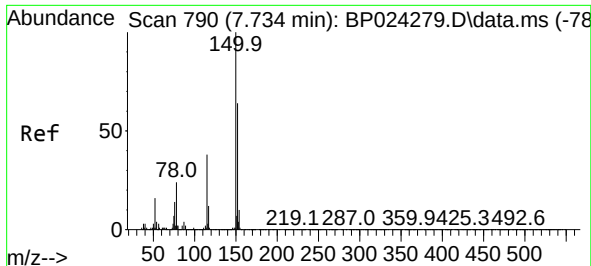
Quant Time: May 07 12:47:32 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	556723	50.532	ng	98
46) 1,1'-Biphenyl	13.163	154	1750289	43.759	ng	98
47) 2-Chloronaphthalene	13.204	162	1336632	44.712	ng	98
48) 2-Nitroaniline	13.416	65	416667	49.690	ng	96
49) Acenaphthylene	14.051	152	2240509	47.604	ng	99
50) Dimethylphthalate	13.798	163	1814308	45.849	ng	99
51) 2,6-Dinitrotoluene	13.916	165	389388	46.339	ng	92
52) Acenaphthene	14.404	154	1282892	42.995	ng	99
53) 3-Nitroaniline	14.251	138	324938	36.793	ng	100
54) 2,4-Dinitrophenol	14.475	184	498855	100.784	ng	92
55) Dibenzofuran	14.745	168	2017419	41.364	ng	95
56) 4-Nitrophenol	14.592	139	658787	86.370	ng	86
57) 2,4-Dinitrotoluene	14.722	165	562584	49.080	ng	98
58) Fluorene	15.410	166	1673893	44.334	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.980	232	486259	47.854	ng	99
60) Diethylphthalate	15.180	149	1831316	44.908	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	845184	46.098	ng	98
62) 4-Nitroaniline	15.445	138	413089	44.184	ng	88
63) Azobenzene	15.698	77	1561948	41.673	ng	96
65) 4,6-Dinitro-2-methylph...	15.498	198	321523	48.776	ng	95
66) n-Nitrosodiphenylamine	15.622	169	1486483	47.632	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	572591	50.073	ng	98
68) Hexachlorobenzene	16.439	284	704329	51.835	ng	98
69) Atrazine	16.604	200	532838	67.038	ng	99
70) Pentachlorophenol	16.792	266	931614	98.278	ng	99
71) Phenanthrene	17.186	178	2557994	44.847	ng	99
72) Anthracene	17.286	178	2627077	47.789	ng	99
73) Carbazole	17.569	167	2390784	44.510	ng	99
74) Di-n-butylphthalate	18.157	149	3120475	46.631	ng	99
75) Fluoranthene	19.280	202	2923466	43.095	ng	97
77) Benzidine	19.486	184	1313035	103.837	ng	99
78) Pyrene	19.657	202	3004159	47.386	ng	99
80) Butylbenzylphthalate	20.604	149	1362254	50.167	ng	95
81) Benzo(a)anthracene	21.568	228	2886185	46.547	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	668960	30.738	ng	99
83) Chrysene	21.633	228	2649244	44.597	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	1889413	47.464	ng	99
85) Di-n-octyl phthalate	22.762	149	2956252	45.681	ng	100
87) Indeno(1,2,3-cd)pyrene	28.674	276	1307457	19.755	ng #	78
88) Benzo(b)fluoranthene	23.856	252	2624426	45.928	ng #	98
89) Benzo(k)fluoranthene	23.927	252	2632490	47.694	ng #	98
90) Benzo(a)pyrene	24.756	252	2431046	49.321	ng	98
91) Dibenzo(a,h)anthracene	28.762	278	2323416	42.295	ng #	96
92) Benzo(g,h,i)perylene	29.862	276	2255303	40.335	ng	96

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

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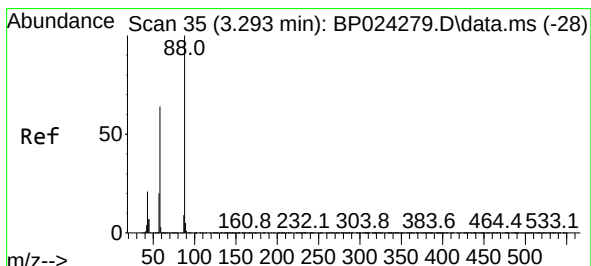
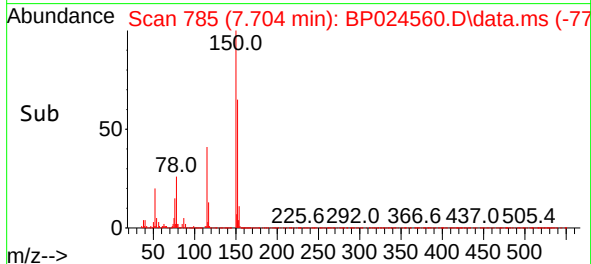
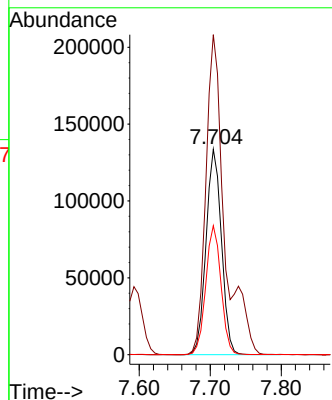
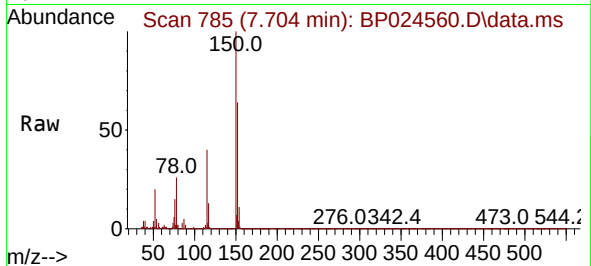




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.704 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: BP024560.D
 Acq: 07 May 2025 11:30

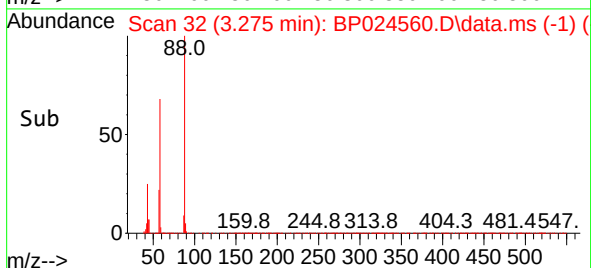
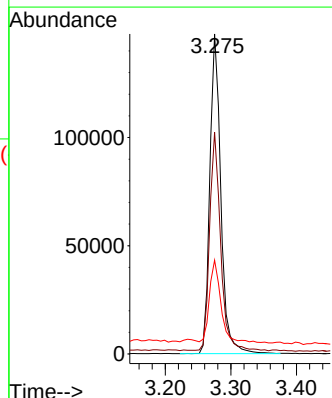
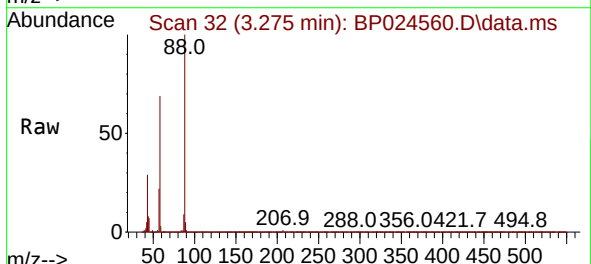
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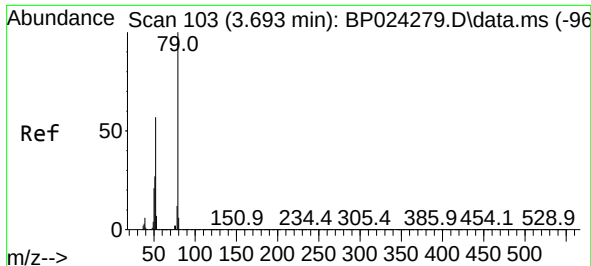
Tgt Ion:152 Resp: 202008
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.9 187.3
 115 62.8 47.7 71.5



#2
 1,4-Dioxane
 Concen: 33.471 ng
 RT: 3.275 min Scan# 32
 Delta R.T. -0.012 min
 Lab File: BP024560.D
 Acq: 07 May 2025 11:30

Tgt Ion: 88 Resp: 172968
 Ion Ratio Lower Upper
 88 100
 58 68.0 51.4 77.2
 43 27.3 17.1 25.7#

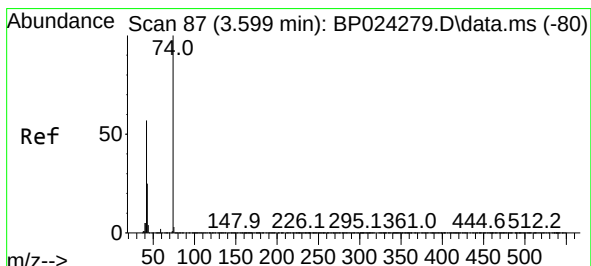
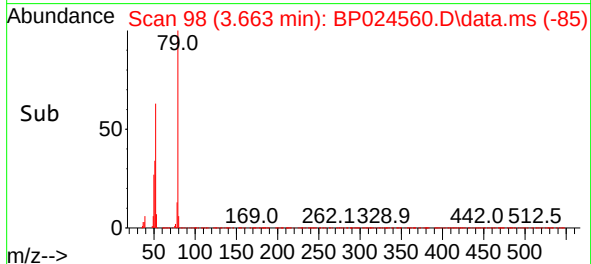
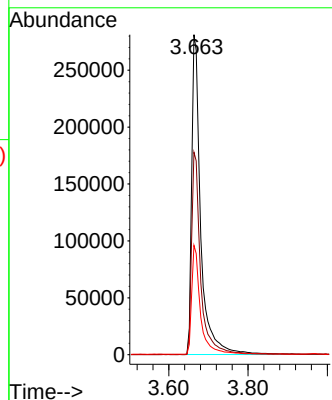
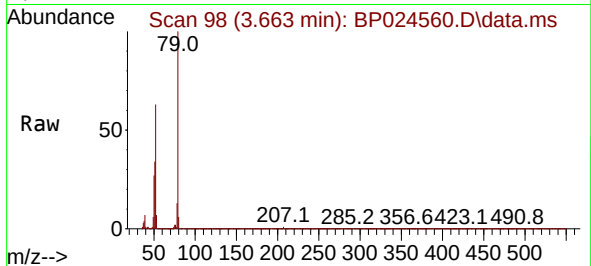




#3
Pyridine
Concen: 32.722 ng
RT: 3.663 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

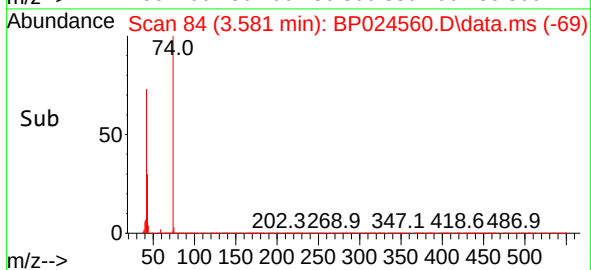
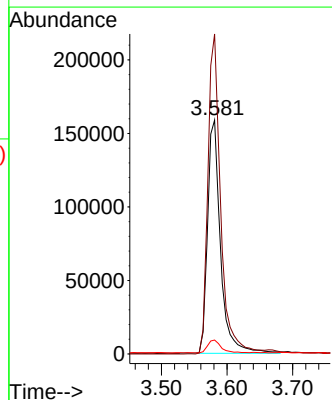
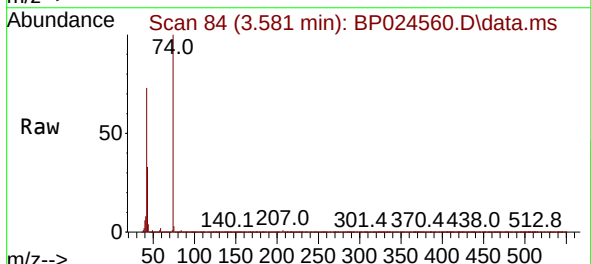
Instrument :
BNA_P
ClientSampleId :
PB167886BS

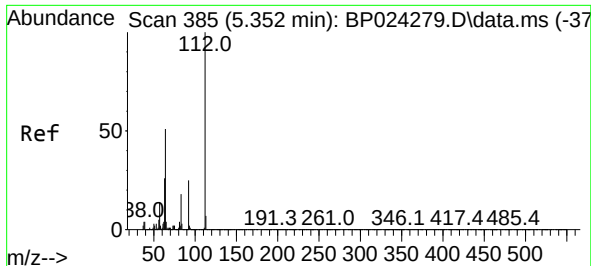
Tgt Ion: 79 Resp: 446507
Ion Ratio Lower Upper
79 100
52 63.3 45.4 68.2
51 34.2 22.6 33.8#



#4
n-Nitrosodimethylamine
Concen: 48.171 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion: 42 Resp: 218152
Ion Ratio Lower Upper
42 100
74 136.8 139.5 209.3#
44 5.9 5.8 8.8

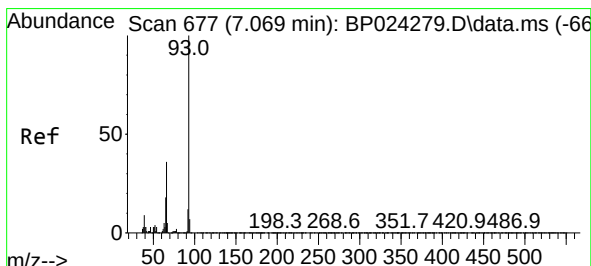
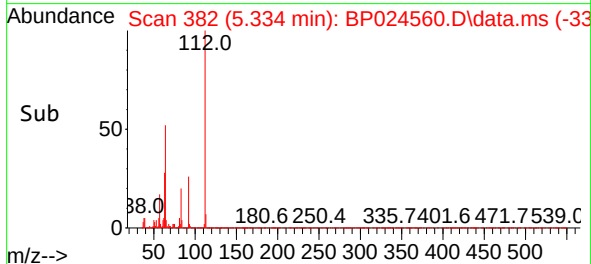
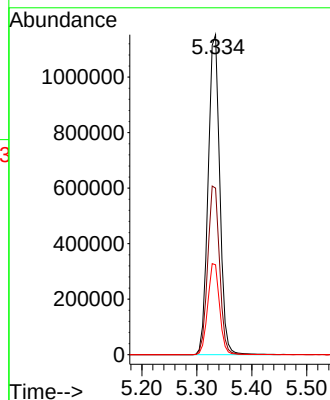
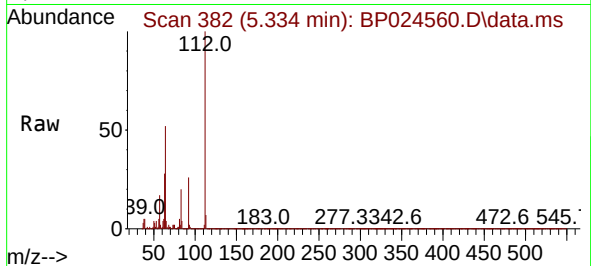




#5
2-Fluorophenol
Concen: 138.505 ng
RT: 5.334 min Scan# 385
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

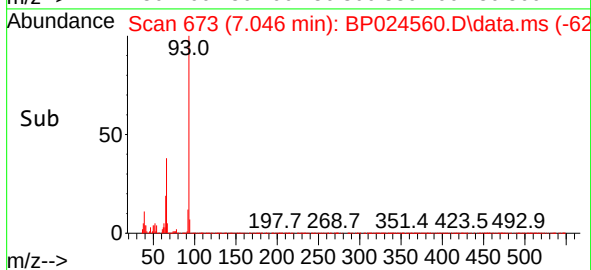
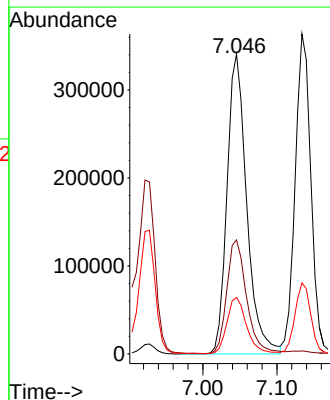
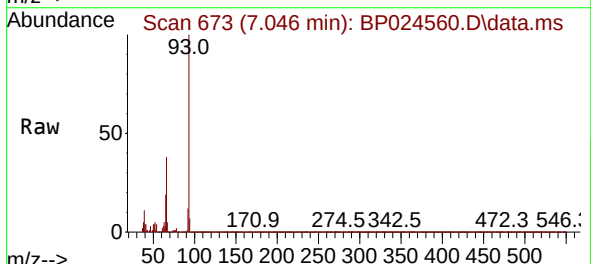
Instrument :
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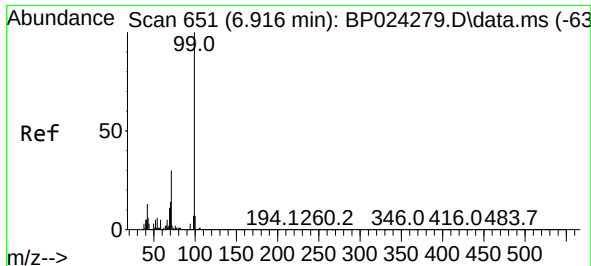
Tgt Ion:112 Resp: 1692160
Ion Ratio Lower Upper
112 100
64 52.0 41.1 61.7
63 28.1 20.6 30.8



#6
Aniline
Concen: 41.926 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion: 93 Resp: 626749
Ion Ratio Lower Upper
93 100
66 38.0 29.1 43.7
65 18.8 14.7 22.1

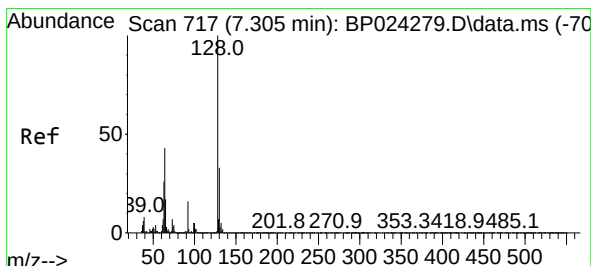
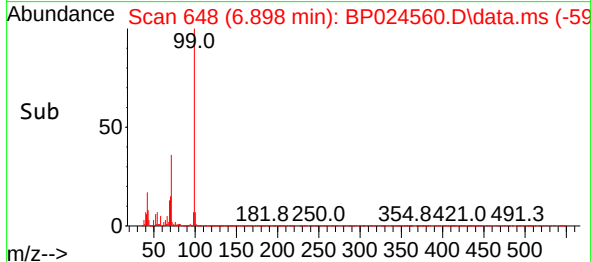
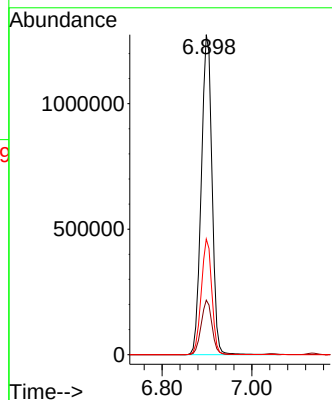
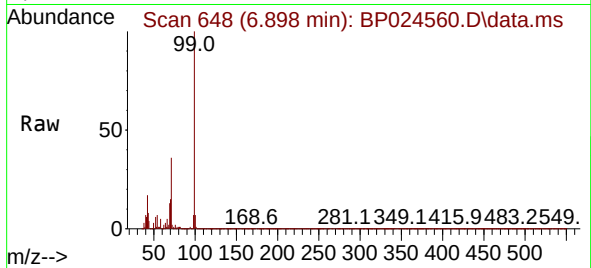




#7
Phenol-d6
Concen: 126.325 ng
RT: 6.898 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

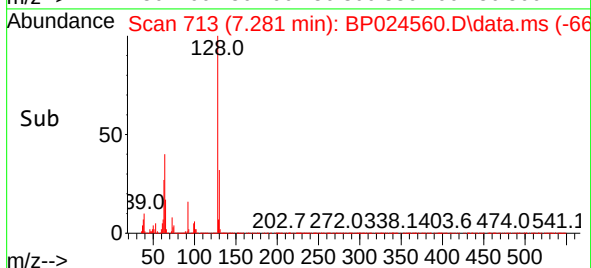
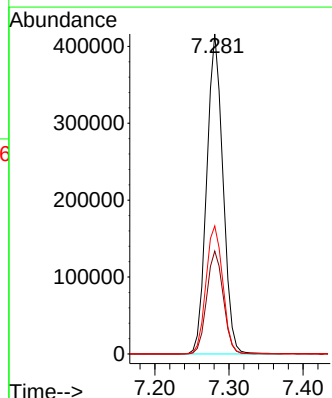
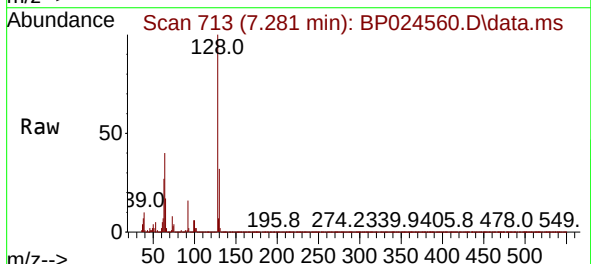
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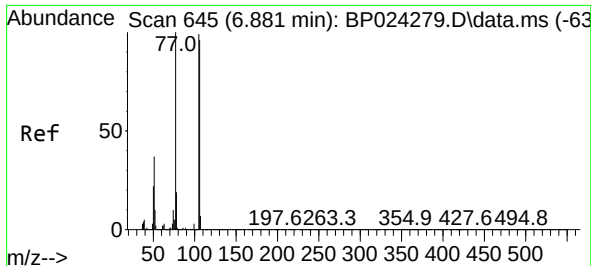
Tgt Ion: 99 Resp: 2113281
Ion Ratio Lower Upper
99 100
42 17.0 10.6 16.0#
71 36.1 23.7 35.5#



#8
2-Chlorophenol
Concen: 46.545 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:128 Resp: 634902
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 40.0 22.7 62.7

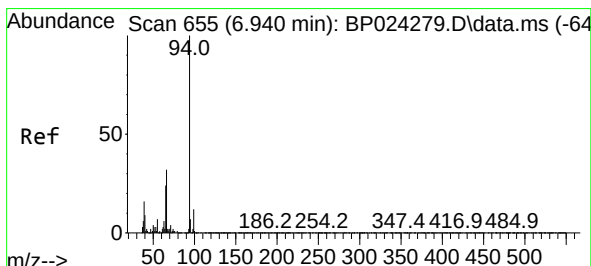
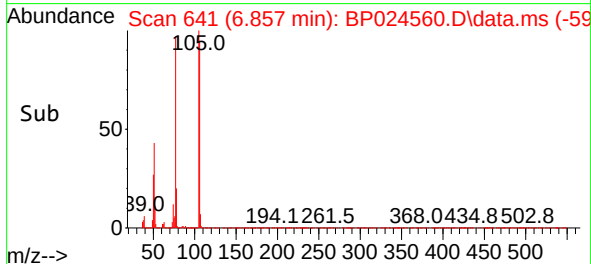
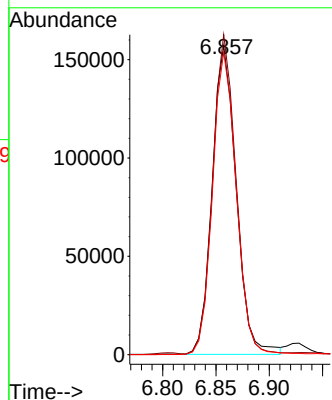
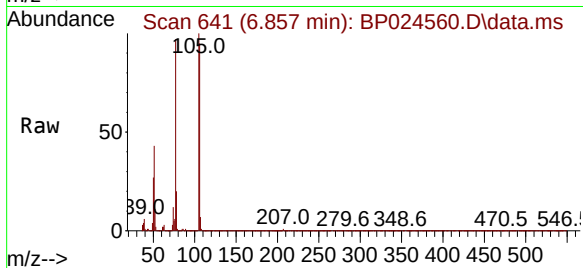




#9
Benzaldehyde
Concen: 29.793 ng
RT: 6.857 min Scan# 641
Delta R.T. -0.024 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

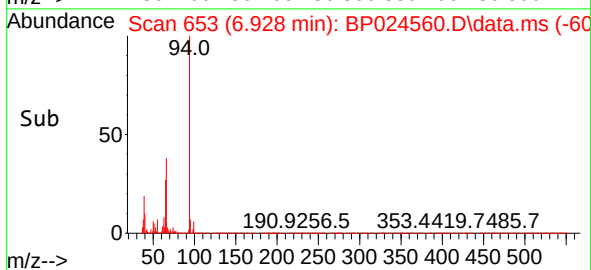
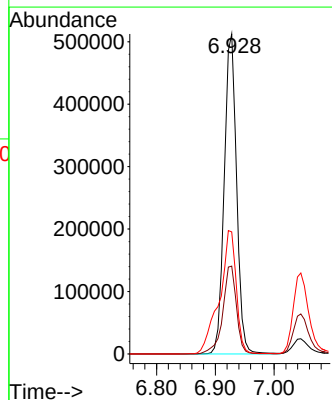
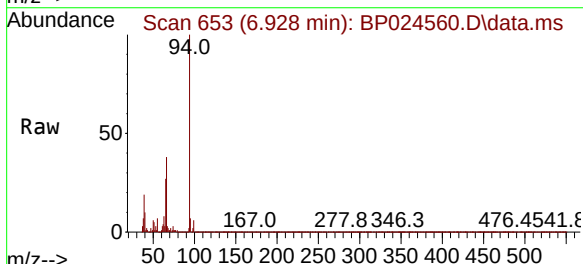
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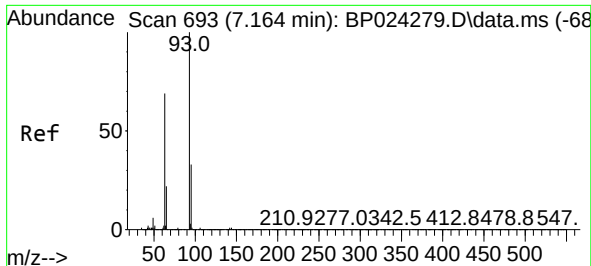
Tgt Ion: 77 Resp: 246544
Ion Ratio Lower Upper
77 100
105 103.5 79.2 119.2
106 97.8 76.2 116.2



#10
Phenol
Concen: 44.441 ng
RT: 6.928 min Scan# 653
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion: 94 Resp: 745784
Ion Ratio Lower Upper
94 100
65 27.5 4.5 44.5
66 38.2 12.4 52.4

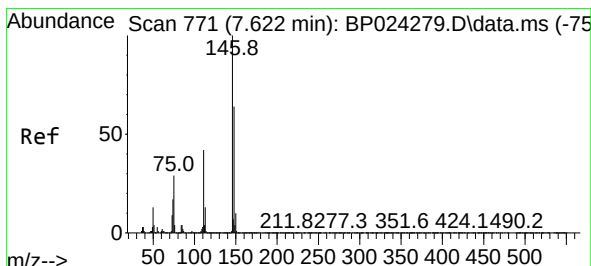
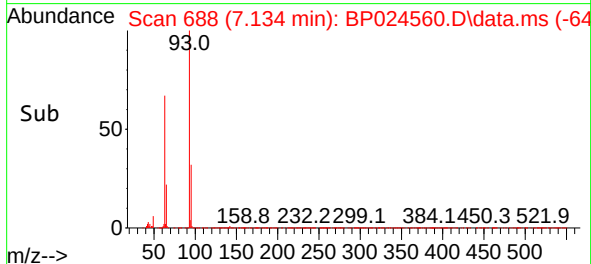
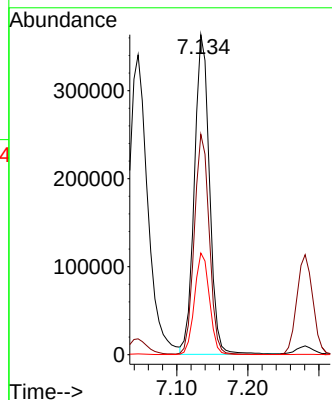
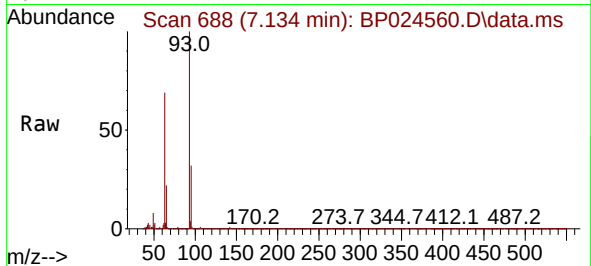




#11
bis(2-Chloroethyl)ether
Concen: 39.859 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

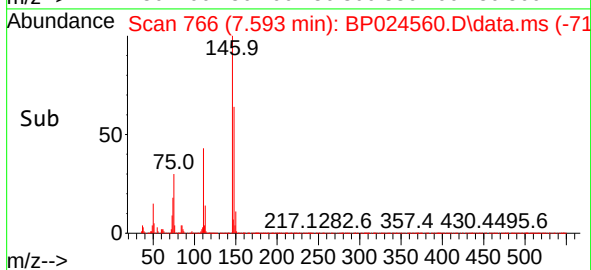
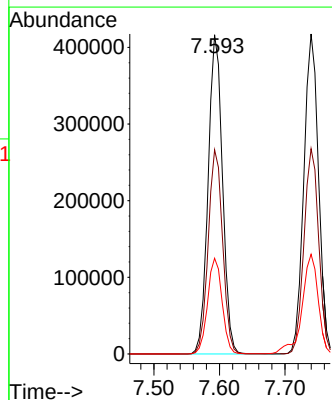
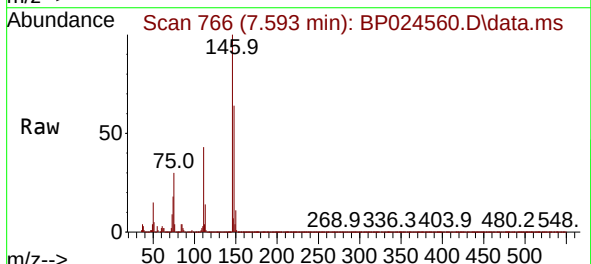
Instrument :
BNA_P
ClientSampleId :
PB167886BS

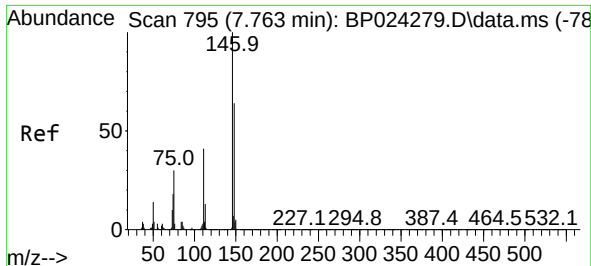
Tgt Ion: 93 Resp: 538942
Ion Ratio Lower Upper
93 100
63 68.9 48.6 88.6
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.241 ng
RT: 7.593 min Scan# 766
Delta R.T. -0.024 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion: 146 Resp: 634992
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
75 30.0 22.9 34.3

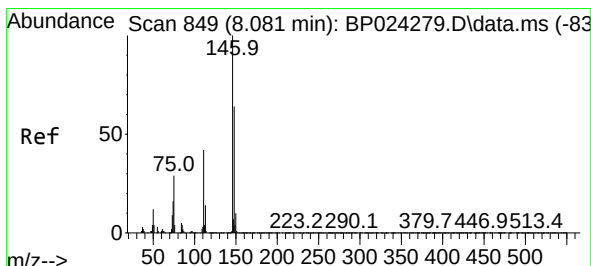
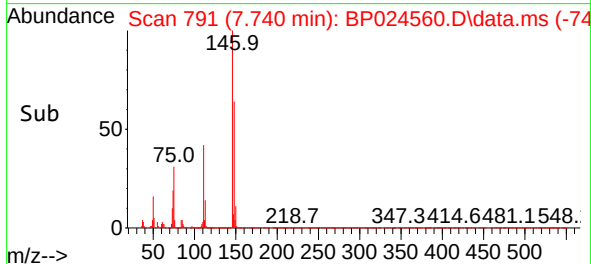
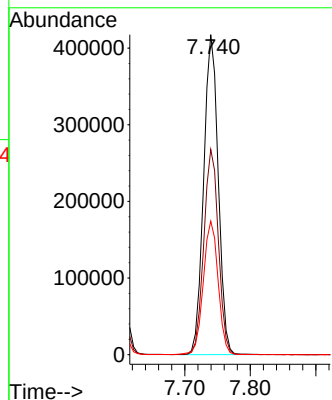
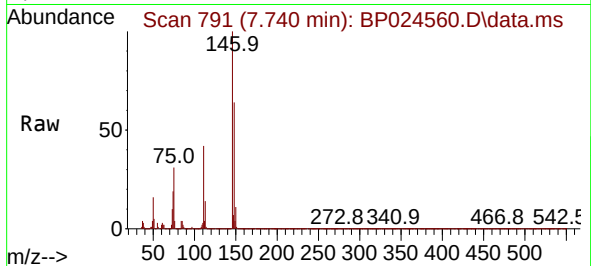




#13
1,4-Dichlorobenzene
Concen: 43.463 ng
RT: 7.740 min Scan# 795
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

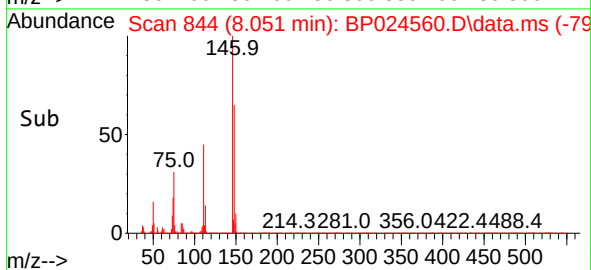
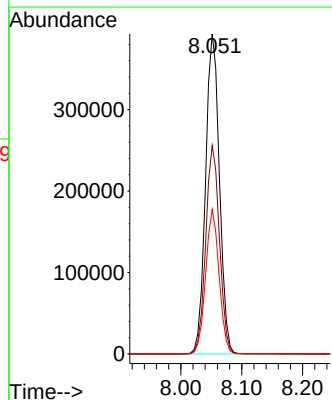
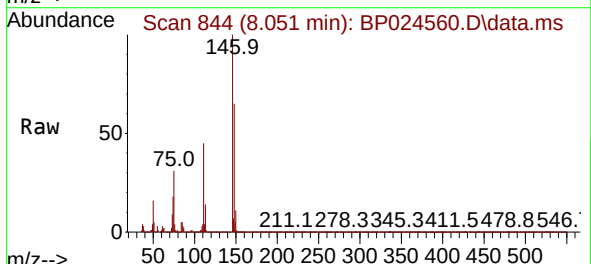
Instrument :
BNA_P
ClientSampleId :
PB167886BS

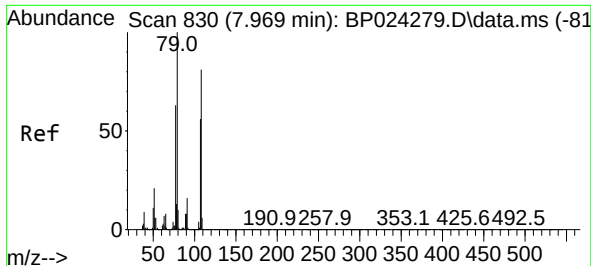
Tgt Ion:146 Resp: 647588
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
111 41.8 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 43.202 ng
RT: 8.051 min Scan# 844
Delta R.T. -0.024 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:146 Resp: 621562
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.4
111 45.2 33.8 50.8

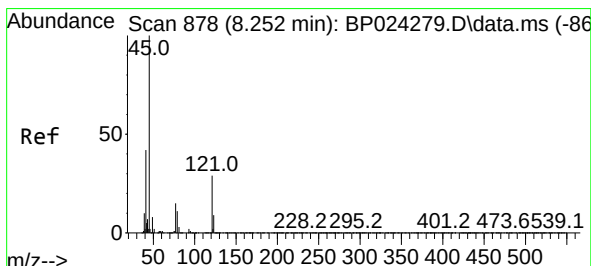
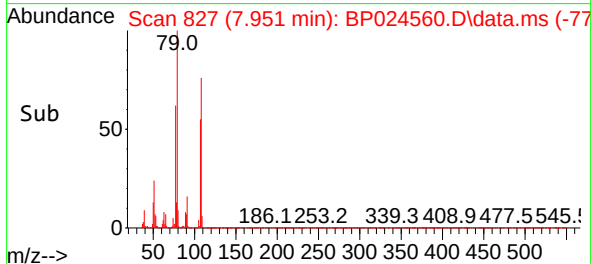
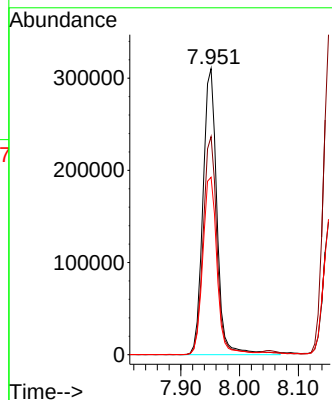
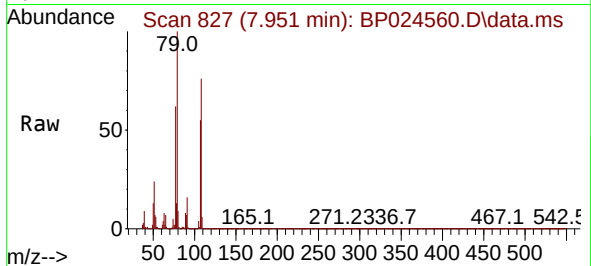




#15
Benzyl Alcohol
Concen: 47.530 ng
RT: 7.951 min Scan# 811
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

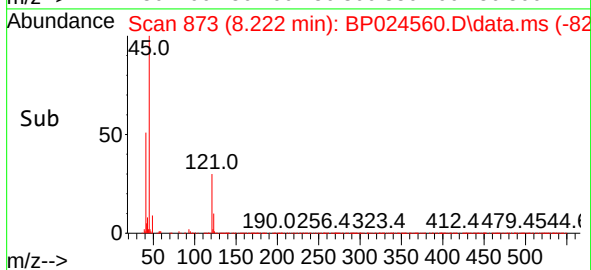
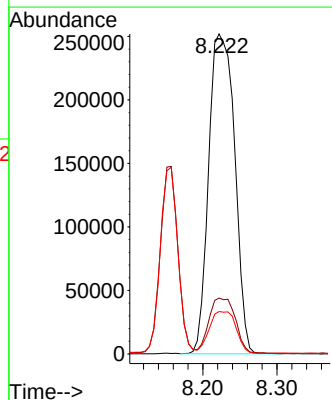
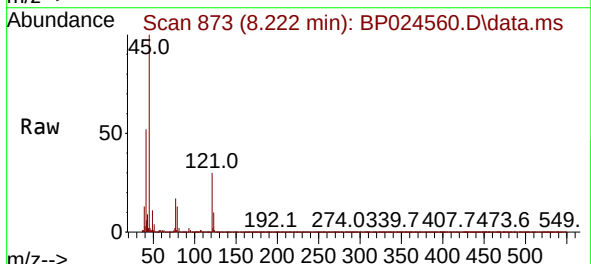
Instrument :
BNA_P
ClientSampleId :
PB167886BS

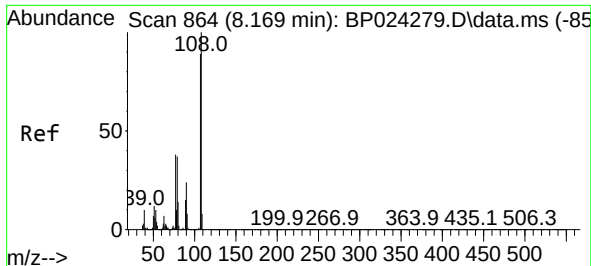
Tgt Ion: 79 Resp: 514215
Ion Ratio Lower Upper
79 100
108 76.2 65.1 97.7
77 62.0 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.931 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.024 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion: 45 Resp: 612819
Ion Ratio Lower Upper
45 100
77 17.5 0.0 37.7
79 13.3 0.0 33.5

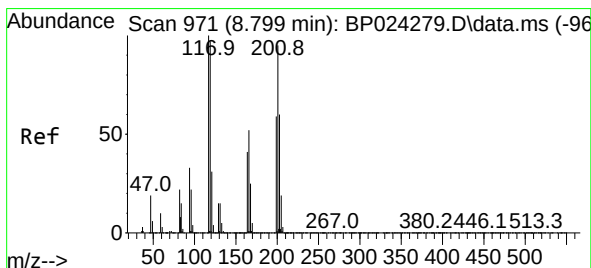
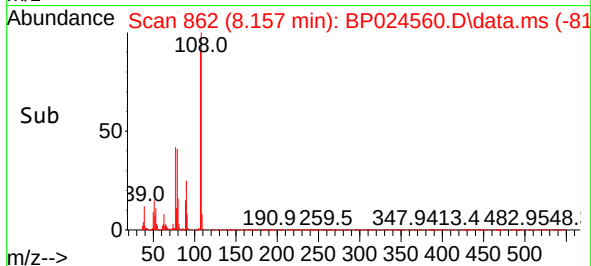
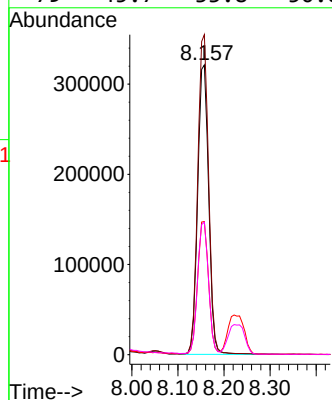
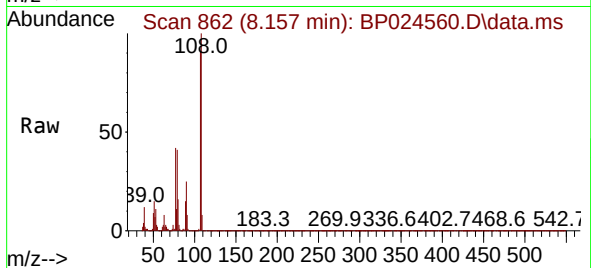




#17
2-Methylphenol
Concen: 48.934 ng
RT: 8.157 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

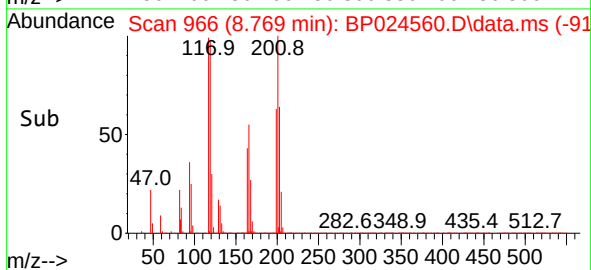
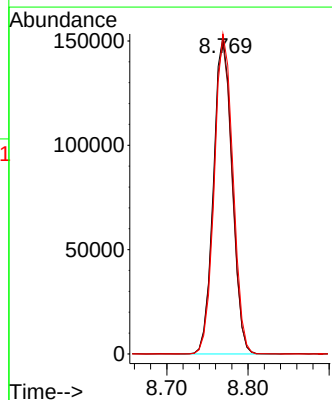
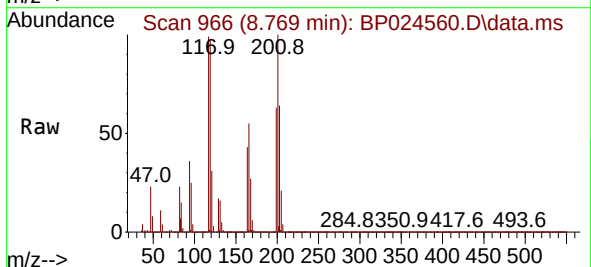
Instrument :
BNA_P
ClientSampleId :
PB167886BS

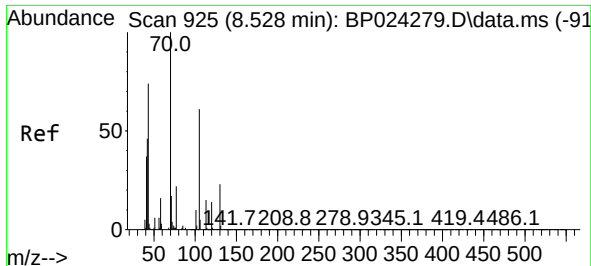
Tgt Ion:	107	Resp:	531235
Ion	Ratio	Lower	Upper
107	100		
108	110.4	89.8	134.6
77	45.9	34.2	51.4
79	45.7	33.8	50.8



#18
Hexachloroethane
Concen: 45.339 ng
RT: 8.769 min Scan# 966
Delta R.T. -0.024 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

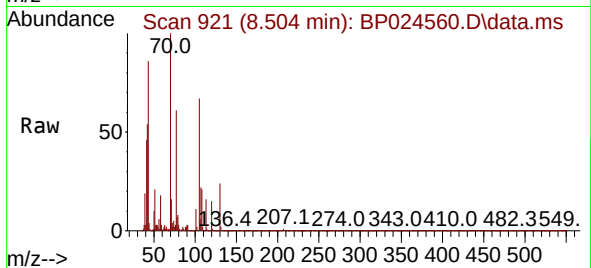
Tgt Ion:	117	Resp:	244133
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.8	116.6
201	100.9	75.9	113.9





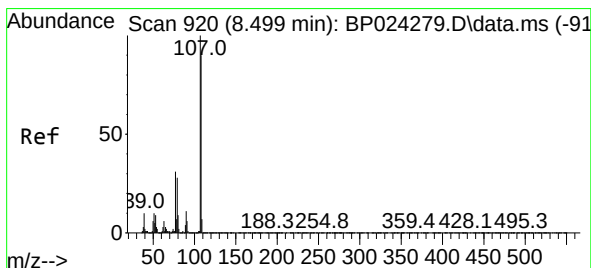
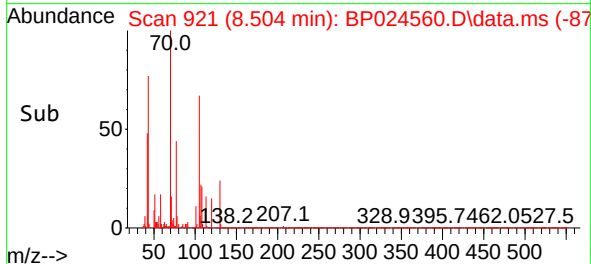
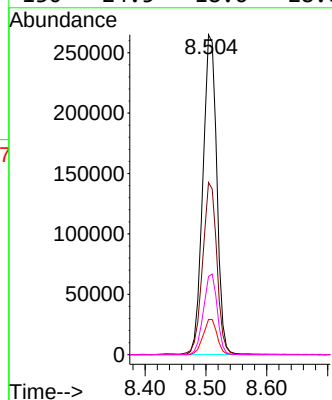
#19
n-Nitroso-di-n-propylamine
Concen: 40.517 ng
RT: 8.504 min Scan# 917
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Instrument :
BNA_P
ClientSampleId :
PB167886BS



Tgt Ion: 70 Resp: 419328

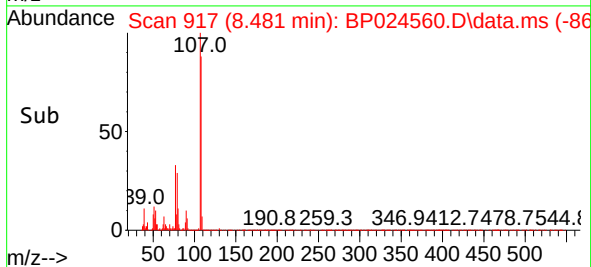
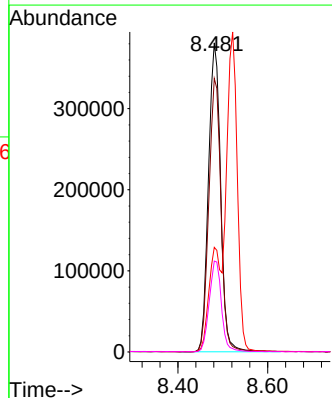
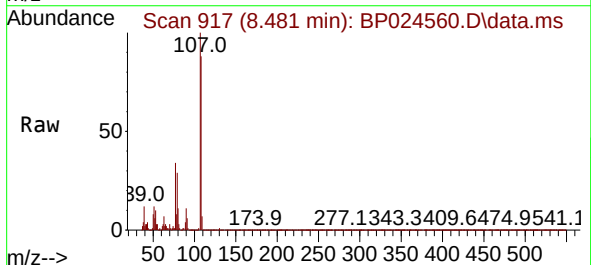
Ion	Ratio	Lower	Upper
70	100		
42	53.8	37.3	55.9
101	11.0	8.2	12.4
130	24.5	18.6	28.0

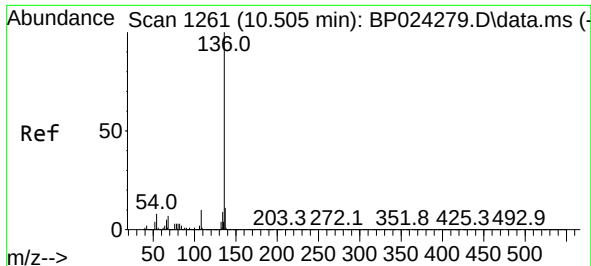


#20
3+4-Methylphenols
Concen: 47.513 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion: 107 Resp: 715704

Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.8	109.8
77	33.9	11.5	51.5
79	29.4	7.8	47.8

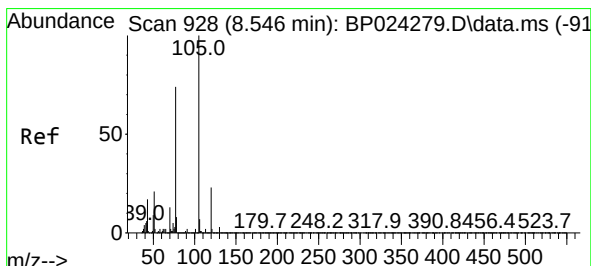
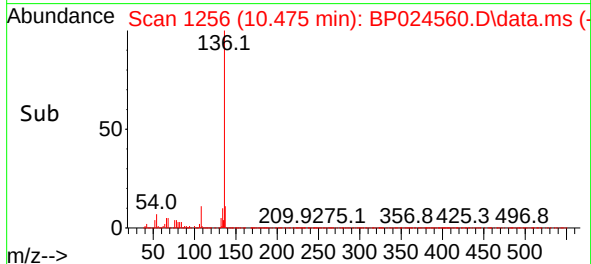
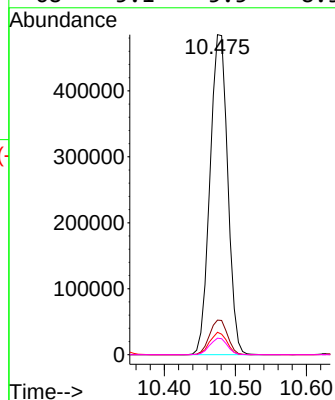
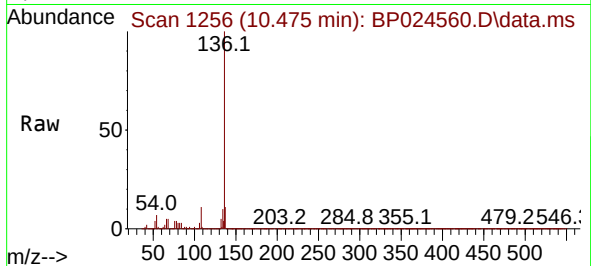




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

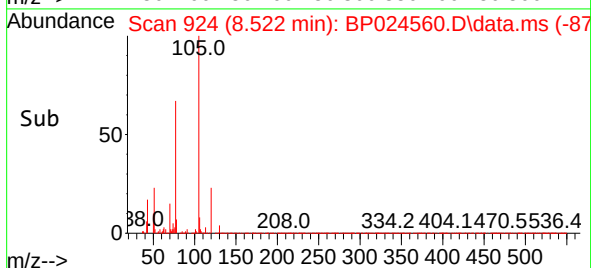
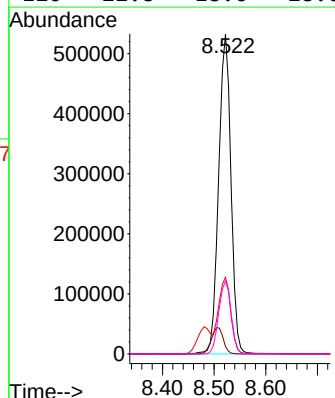
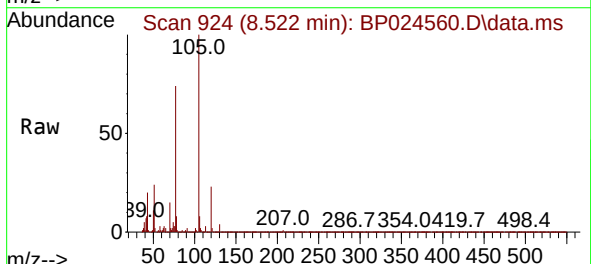
Instrument :
BNA_P
ClientSampleId :
PB167886BS

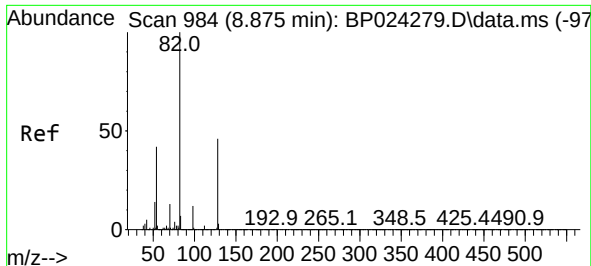
Tgt Ion:	136	Resp:	840936
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.0	6.0	9.0
68	5.1	5.5	8.3



#22
Acetophenone
Concen: 42.220 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:	105	Resp:	878750
Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.7	2.5
51	24.0	16.9	25.3
120	22.8	18.6	28.0

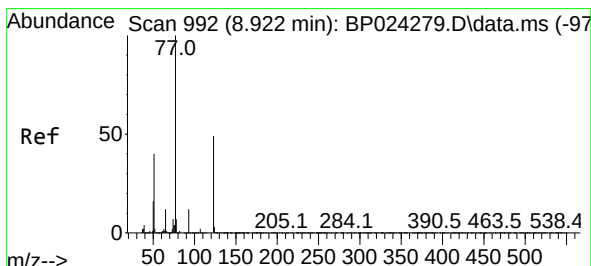
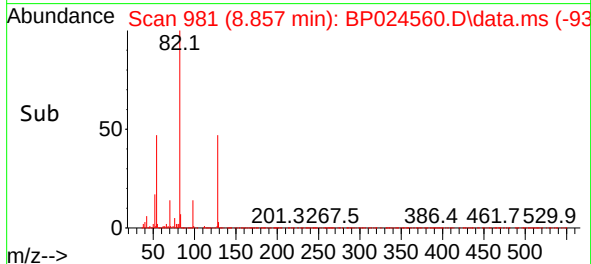
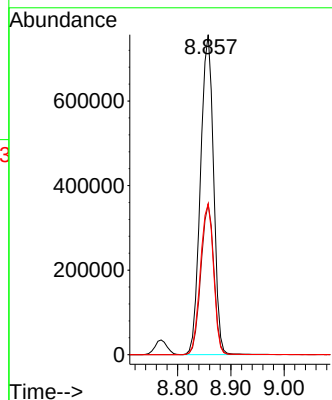
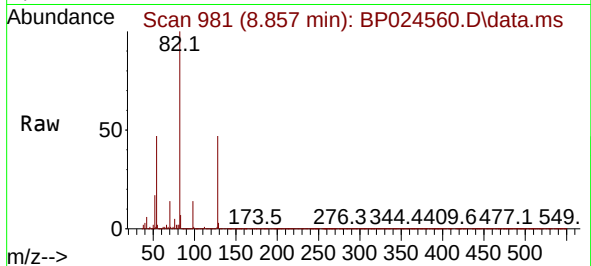




#23
Nitrobenzene-d5
Concen: 87.466 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

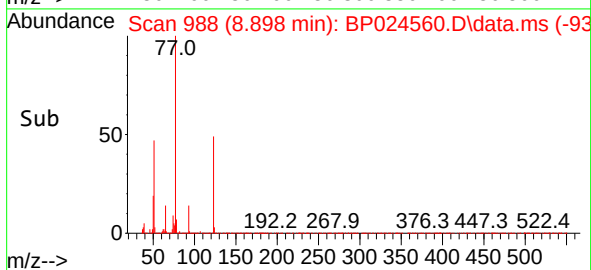
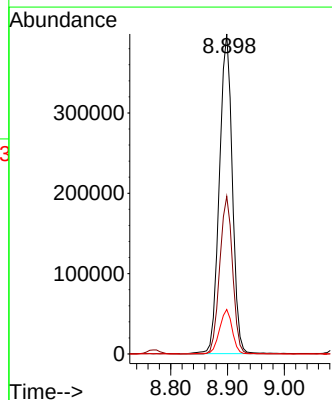
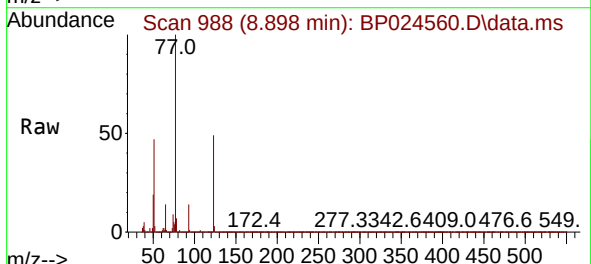
Instrument :
BNA_P
ClientSampleId :
PB167886BS

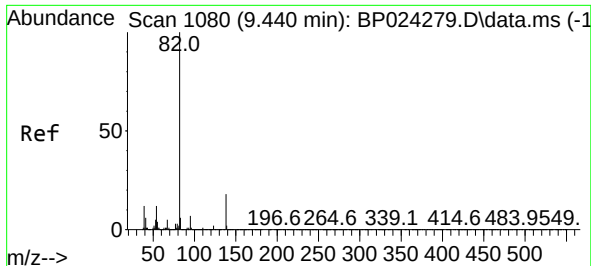
Tgt Ion: 82 Resp: 1289923
Ion Ratio Lower Upper
82 100
128 47.1 36.5 54.7
54 47.2 33.4 50.2



#24
Nitrobenzene
Concen: 43.148 ng
RT: 8.898 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion: 77 Resp: 629494
Ion Ratio Lower Upper
77 100
123 49.3 39.2 58.8
65 13.9 9.8 14.6

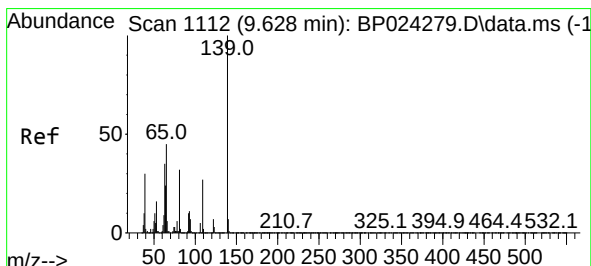
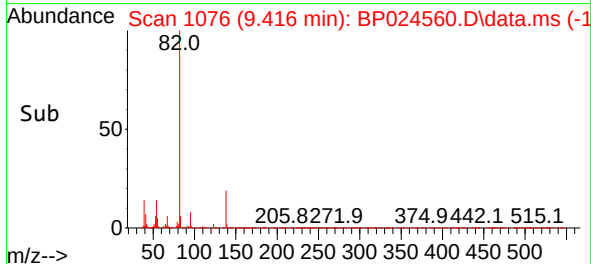
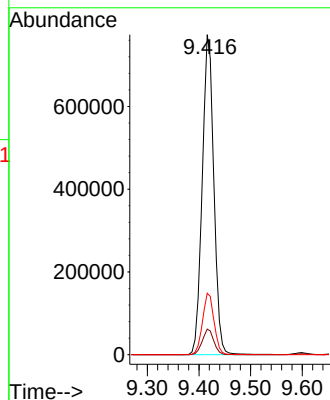
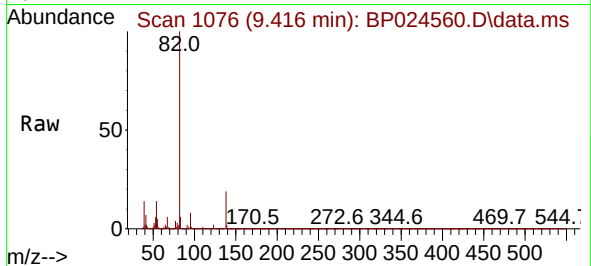




#25
Isophorone
Concen: 45.051 ng
RT: 9.416 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

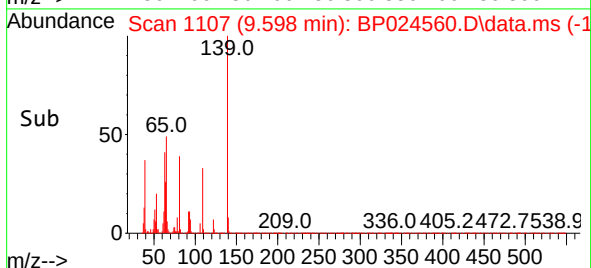
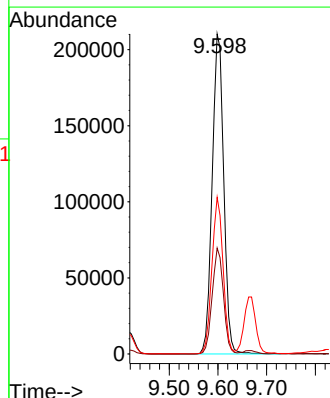
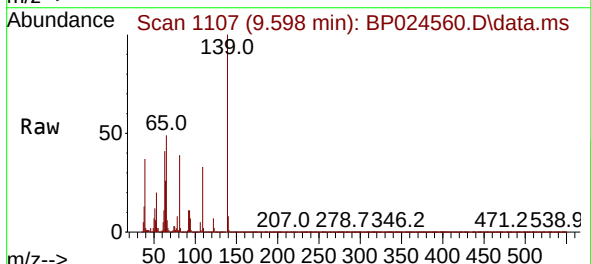
Instrument :
BNA_P
ClientSampleId :
PB167886BS

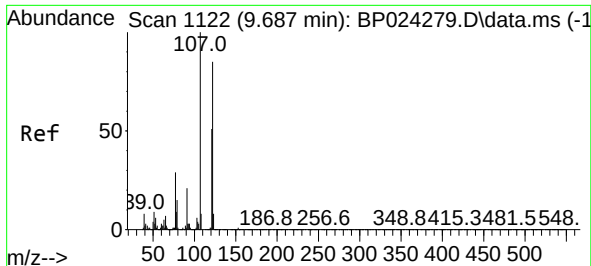
Tgt Ion: 82 Resp: 1202612
Ion Ratio Lower Upper
82 100
95 8.0 5.4 8.2
138 19.2 14.4 21.6



#26
2-Nitrophenol
Concen: 48.250 ng
RT: 9.598 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion: 139 Resp: 344490
Ion Ratio Lower Upper
139 100
109 33.1 21.8 32.6#
65 48.9 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 67.807 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB167886BS

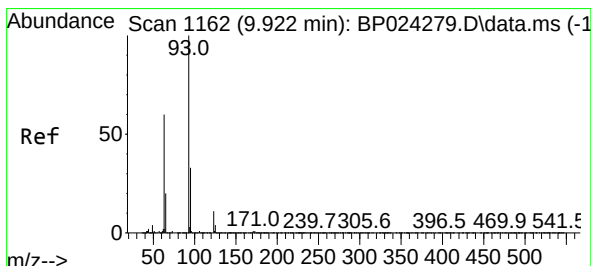
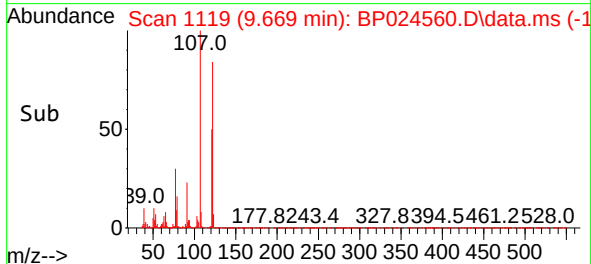
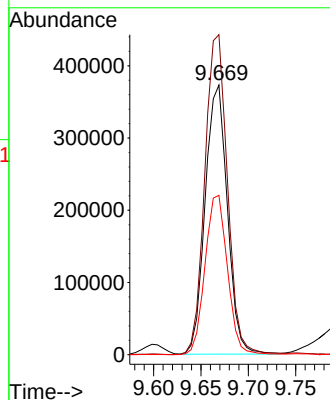
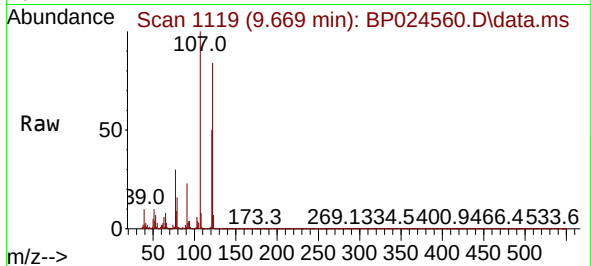
Tgt Ion:122 Resp: 607874

Ion Ratio Lower Upper

122 100

107 118.7 93.7 140.5

121 59.1 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 41.755 ng

RT: 9.892 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

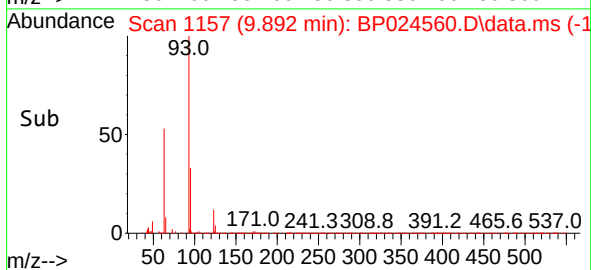
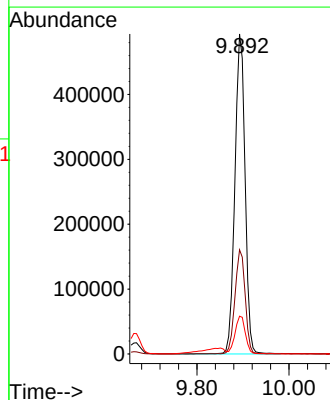
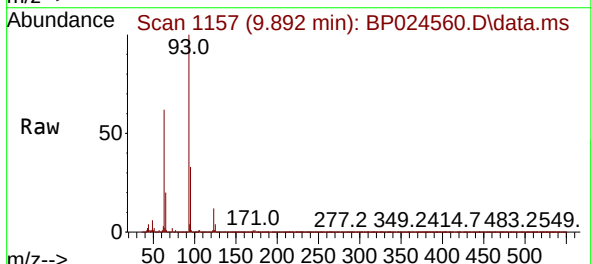
Tgt Ion: 93 Resp: 752972

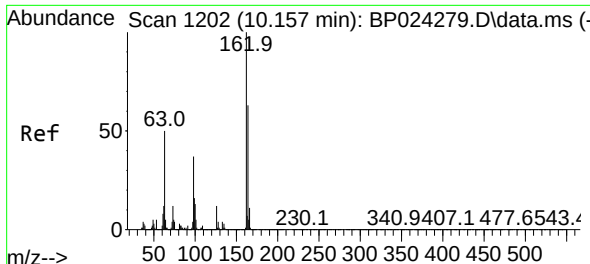
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 11.8 9.1 13.7

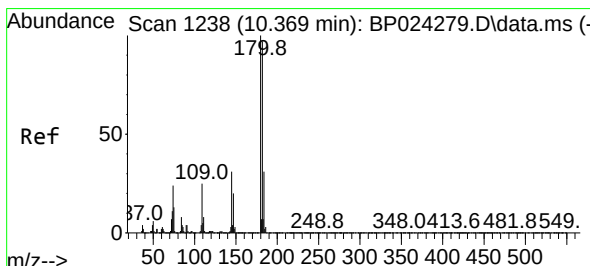
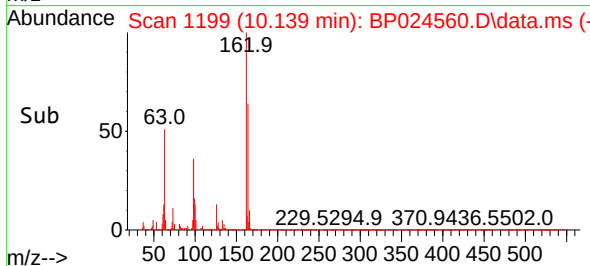
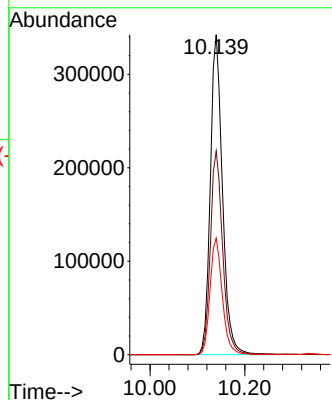
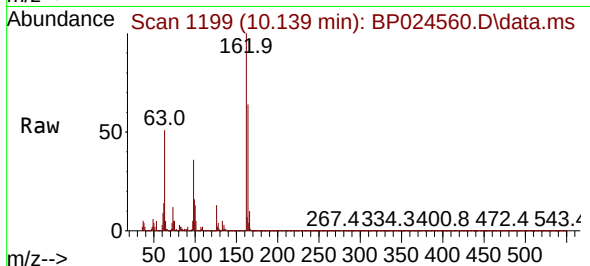




#29
2,4-Dichlorophenol
Concen: 49.923 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

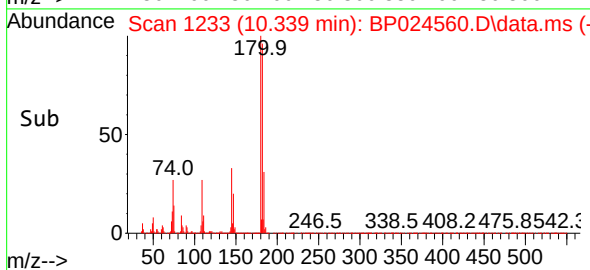
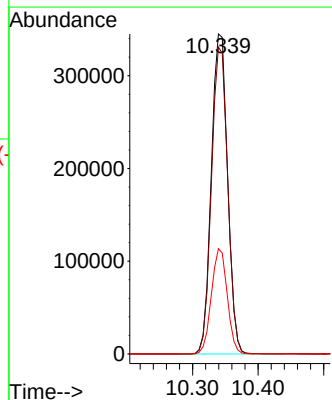
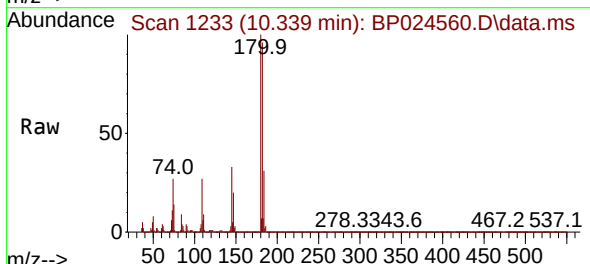
Instrument :
BNA_P
ClientSampleId :
PB167886BS

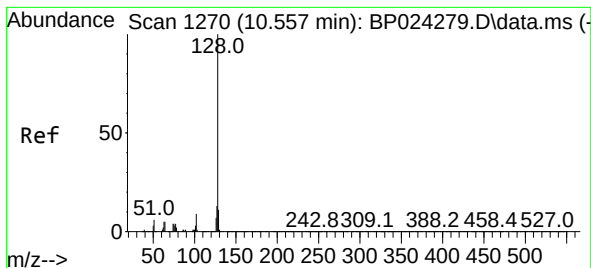
Tgt Ion:162 Resp: 610229
Ion Ratio Lower Upper
162 100
164 63.6 43.3 83.3
98 36.4 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 45.302 ng
RT: 10.339 min Scan# 1233
Delta R.T. -0.024 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:180 Resp: 593294
Ion Ratio Lower Upper
180 100
182 95.9 77.3 115.9
145 32.9 25.1 37.7

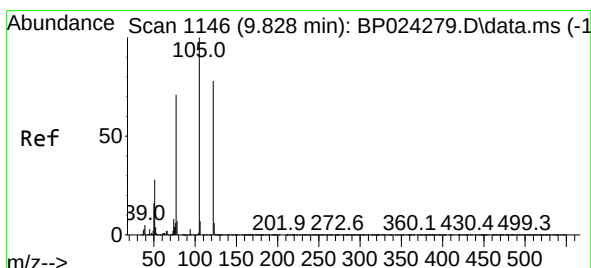
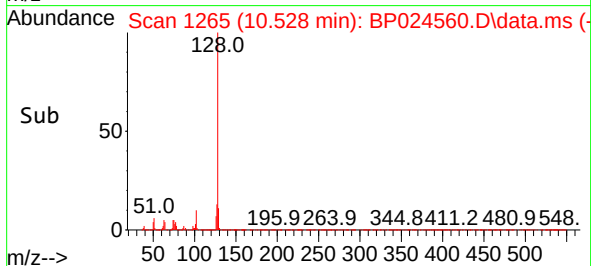
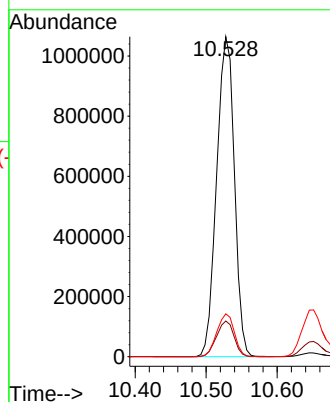
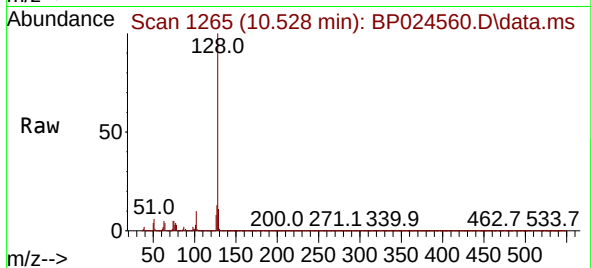




#31
Naphthalene
Concen: 41.585 ng
RT: 10.528 min Scan# 1150
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

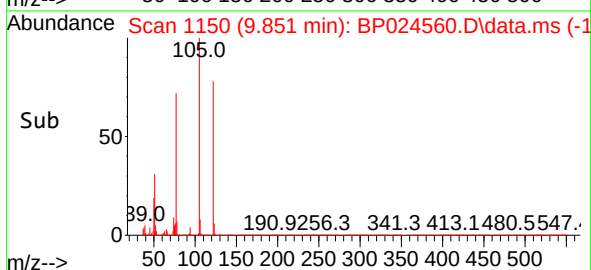
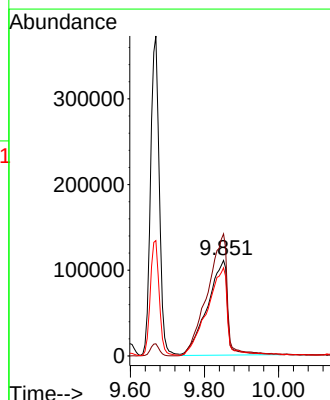
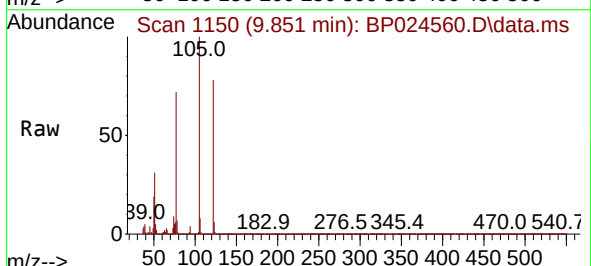
Instrument :
BNA_P
ClientSampleId :
PB167886BS

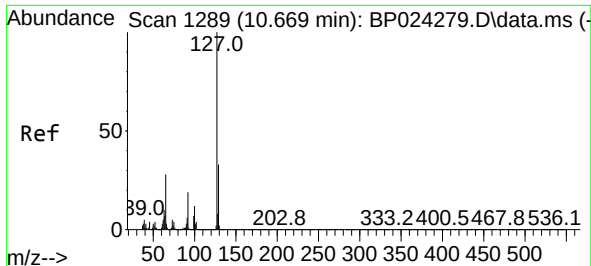
Tgt Ion:128 Resp: 1842111
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.4 10.3 15.5



#32
Benzoic acid
Concen: 40.086 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.029 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:122 Resp: 418732
Ion Ratio Lower Upper
122 100
105 127.7 104.8 144.8
77 92.2 69.2 109.2

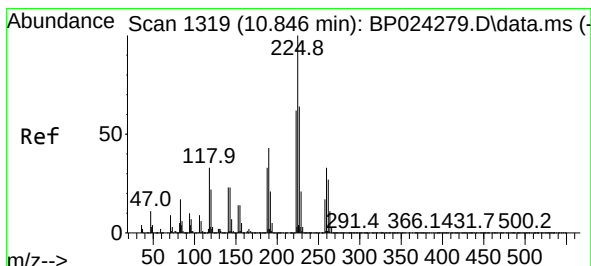
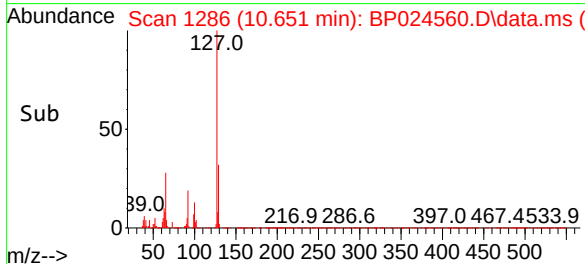
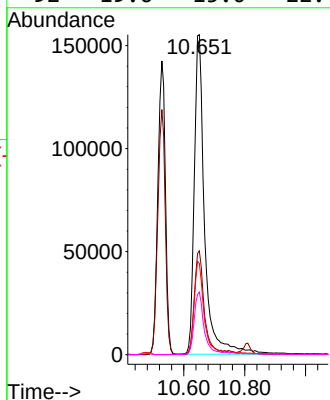
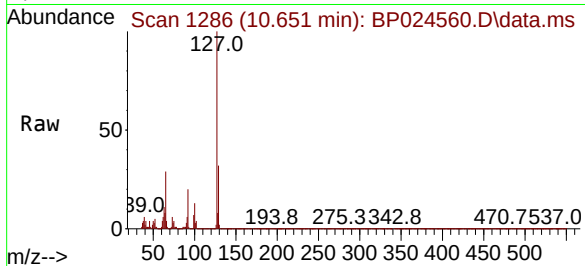




#33
4-Chloroaniline
Concen: 23.614 ng
RT: 10.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

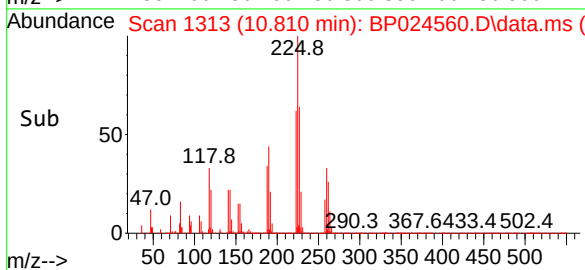
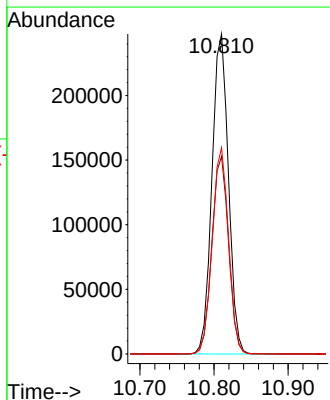
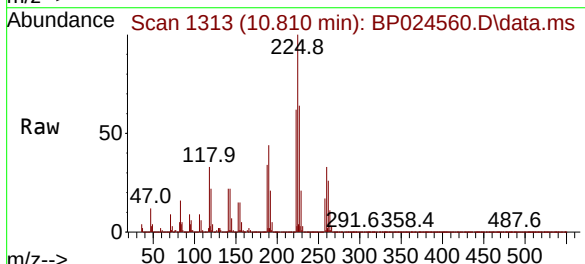
Instrument :
BNA_P
ClientSampleId :
PB167886BS

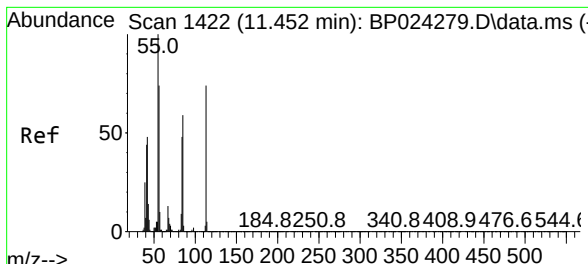
Tgt Ion:	127	Resp:	368378
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	28.6	22.1	33.1
92	19.6	15.0	22.4



#34
Hexachlorobutadiene
Concen: 49.553 ng
RT: 10.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:	225	Resp:	381354
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.5	74.3
227	64.5	50.9	76.3

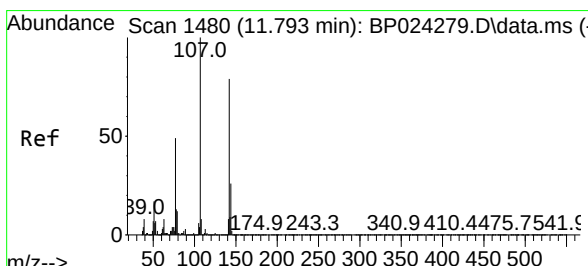
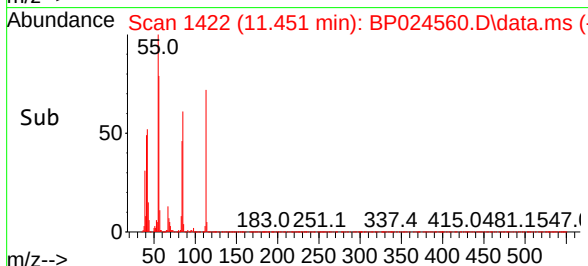
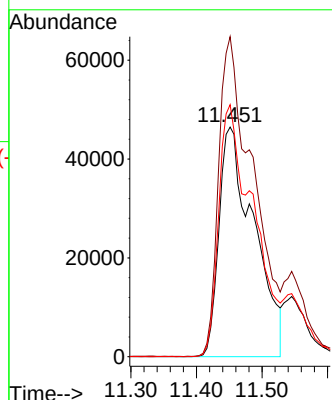
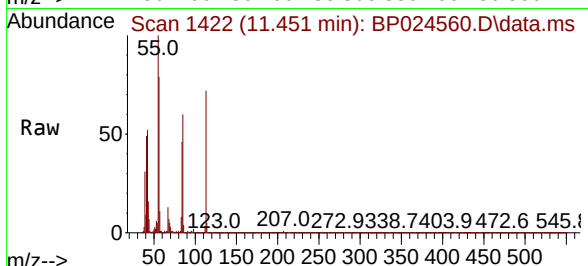




#35
Caprolactam
Concen: 37.968 ng
RT: 11.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

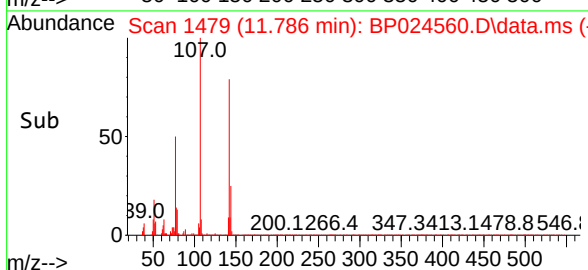
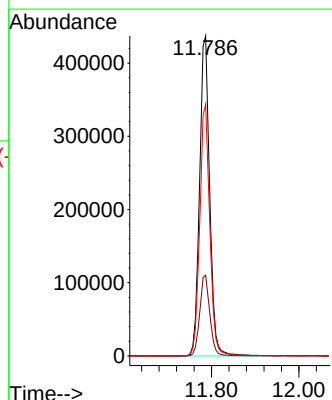
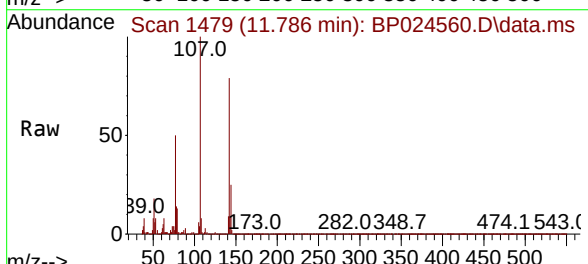
Instrument :
BNA_P
ClientSampleId :
PB167886BS

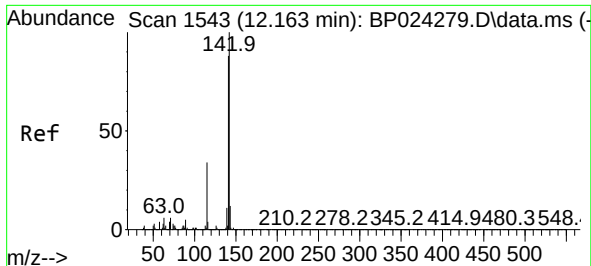
Tgt Ion:113 Resp: 171244
Ion Ratio Lower Upper
113 100
55 139.3 115.9 155.9
56 109.8 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 49.425 ng
RT: 11.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:107 Resp: 703676
Ion Ratio Lower Upper
107 100
144 25.2 20.5 30.7
142 78.7 63.4 95.2

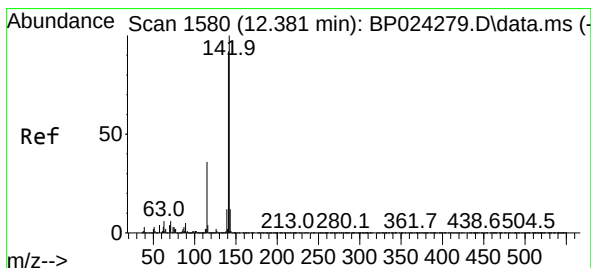
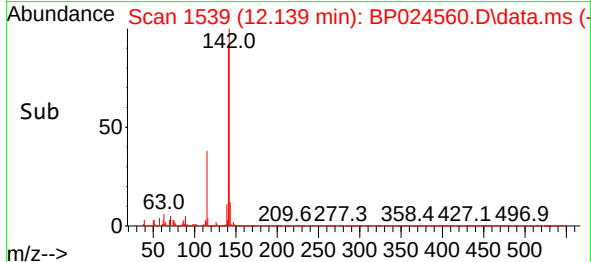
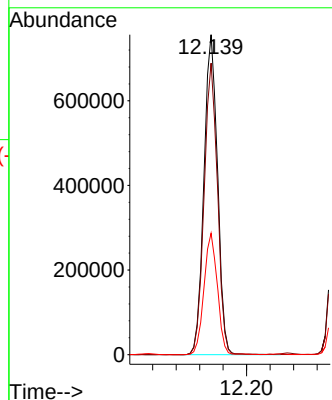
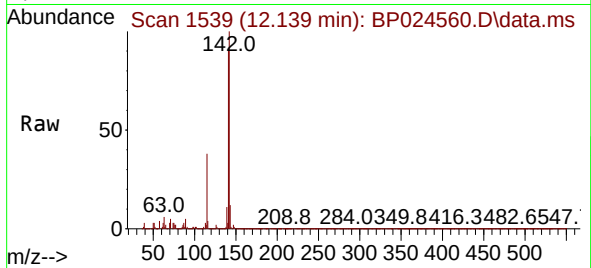




#37
2-Methylnaphthalene
Concen: 39.592 ng
RT: 12.139 min Scan# 1539
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

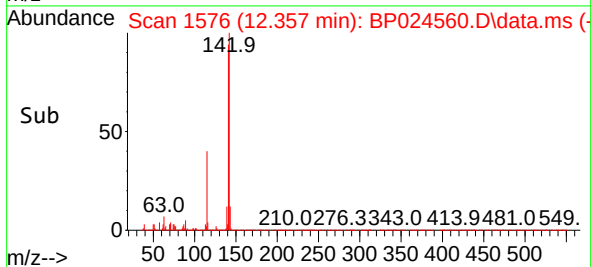
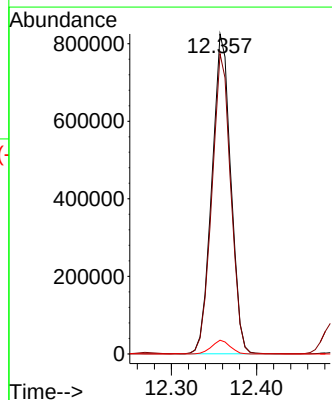
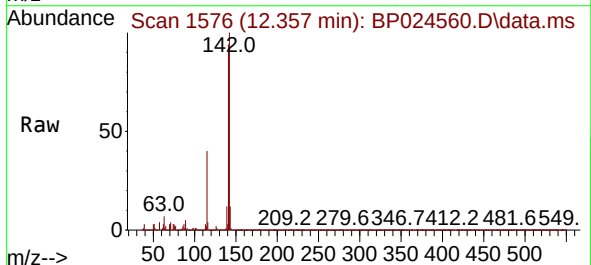
Instrument :
BNA_P
ClientSampleId :
PB167886BS

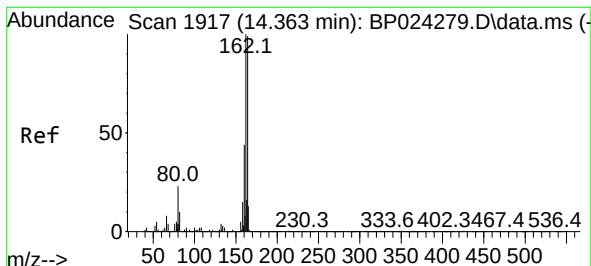
Tgt Ion:142 Resp: 1216321
Ion Ratio Lower Upper
142 100
141 91.1 70.3 105.5
115 37.9 26.9 40.3



#38
1-Methylnaphthalene
Concen: 42.408 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:142 Resp: 1274528
Ion Ratio Lower Upper
142 100
141 93.8 73.6 110.4
116 4.3 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.339 min Scan# 1913

Delta R.T. -0.012 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB167886BS

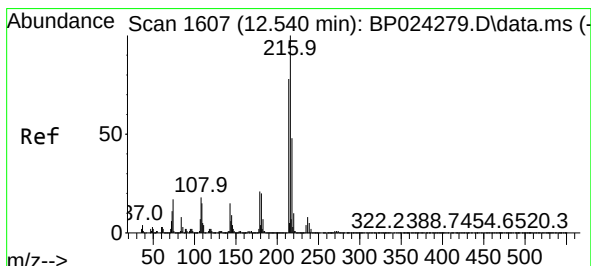
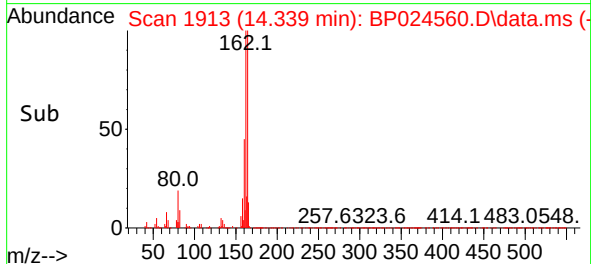
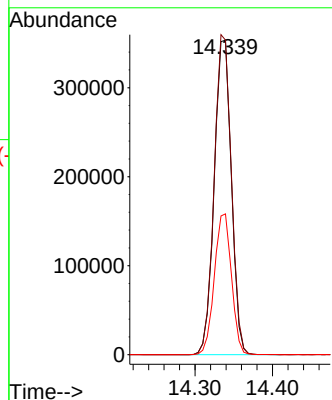
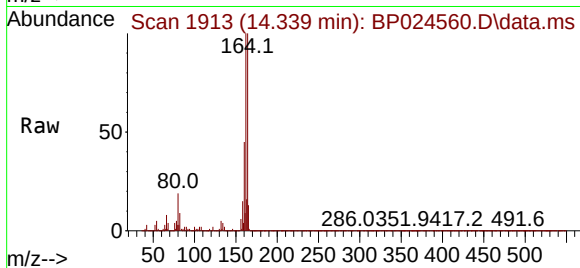
Tgt Ion:164 Resp: 544151

Ion Ratio Lower Upper

164 100

162 100.1 80.6 120.8

160 44.8 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.049 ng

RT: 12.516 min Scan# 1603

Delta R.T. -0.012 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Tgt Ion:216 Resp: 689087

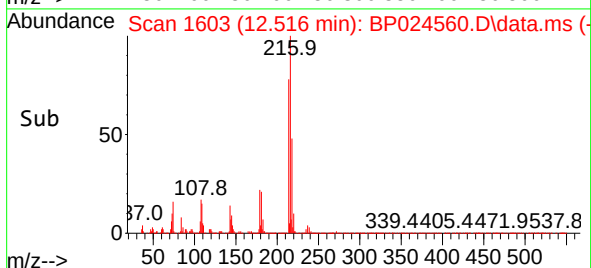
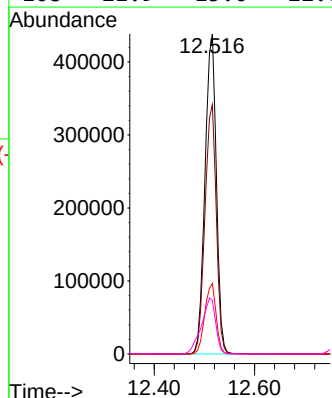
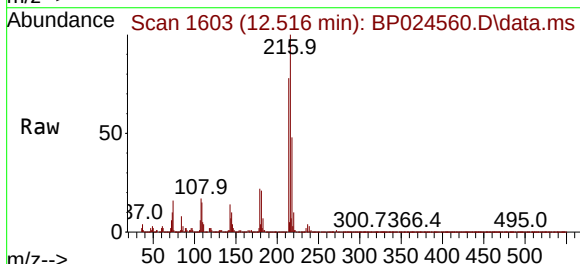
Ion Ratio Lower Upper

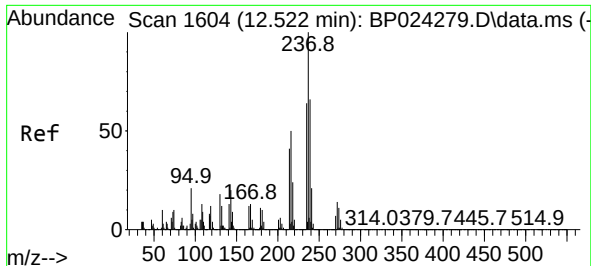
216 100

214 78.1 62.6 93.8

179 22.1 17.2 25.8

108 21.9 15.0 22.6

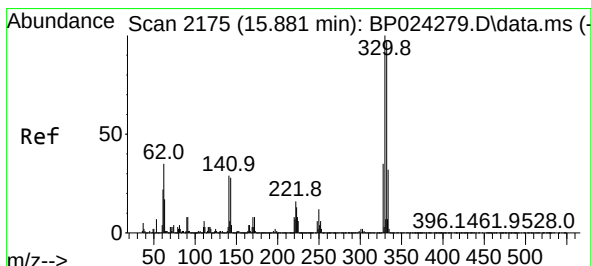
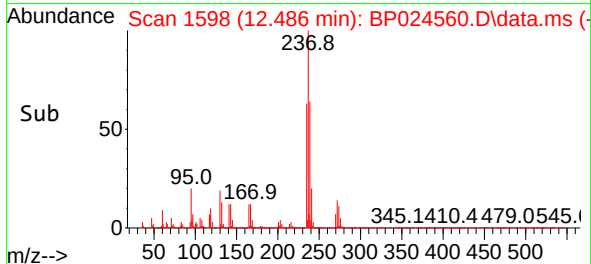
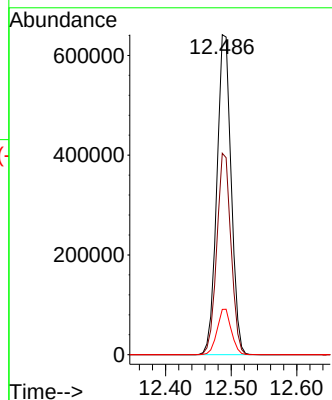
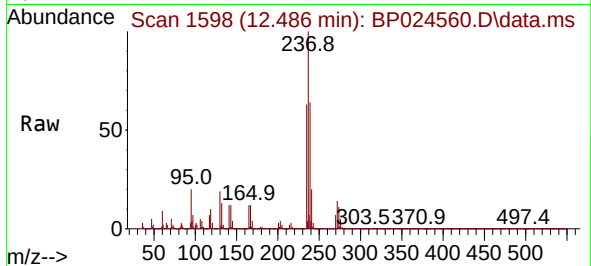




#41
Hexachlorocyclopentadiene
Concen: 182.735 ng
RT: 12.486 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

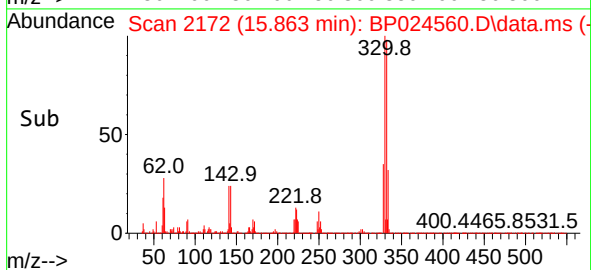
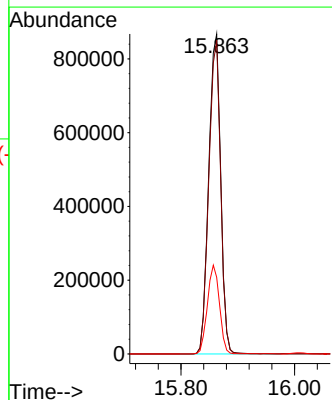
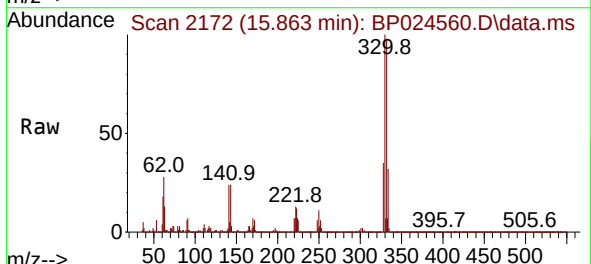
Instrument :
BNA_P
ClientSampleId :
PB167886BS

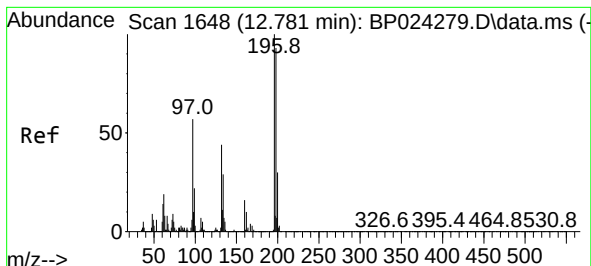
Tgt Ion:237 Resp: 967118
Ion Ratio Lower Upper
237 100
235 63.0 43.9 83.9
272 14.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 167.427 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:330 Resp: 1260495
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 28.1 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.942 ng

RT: 12.757 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB167886BS

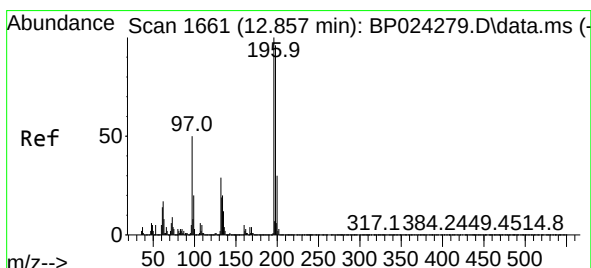
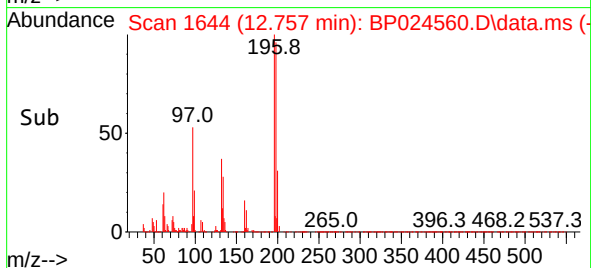
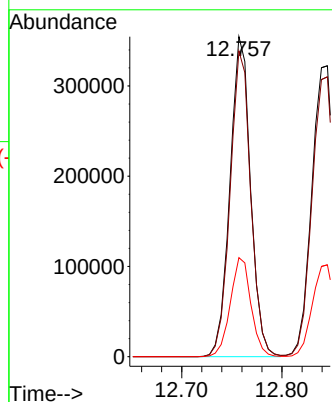
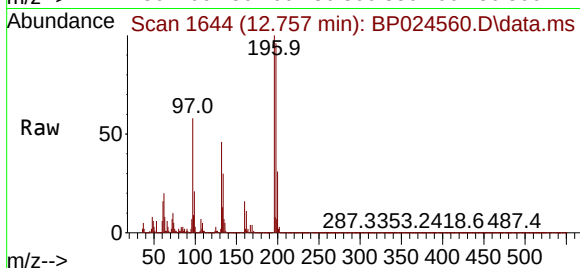
Tgt Ion:196 Resp: 506826

Ion Ratio Lower Upper

196 100

198 95.5 74.3 111.5

200 31.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 50.532 ng

RT: 12.845 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Tgt Ion:196 Resp: 556723

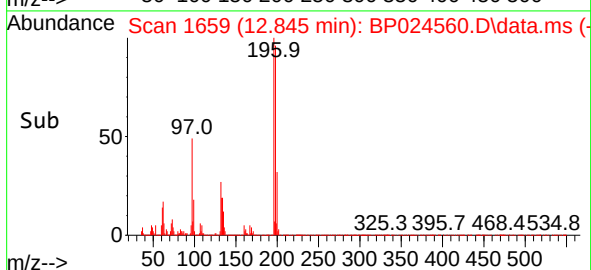
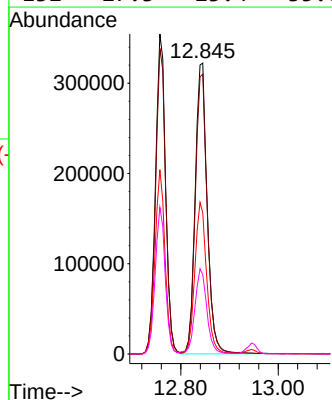
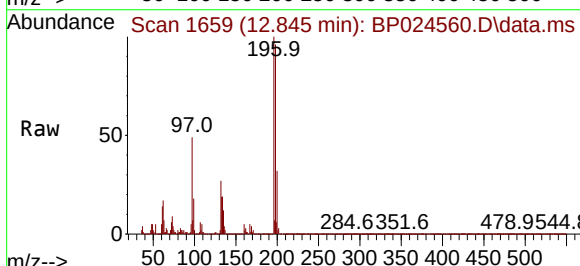
Ion Ratio Lower Upper

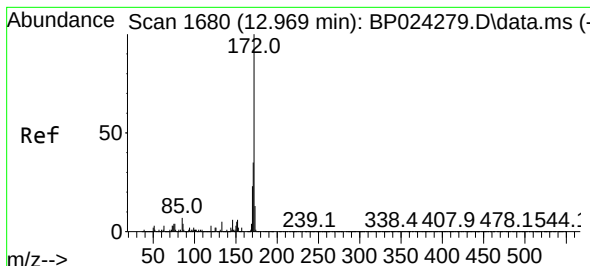
196 100

198 96.2 77.3 115.9

97 48.6 40.4 60.6

132 27.3 23.4 35.0

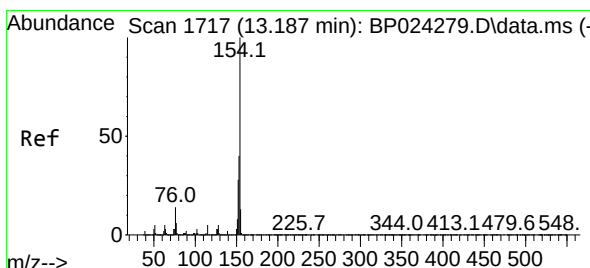
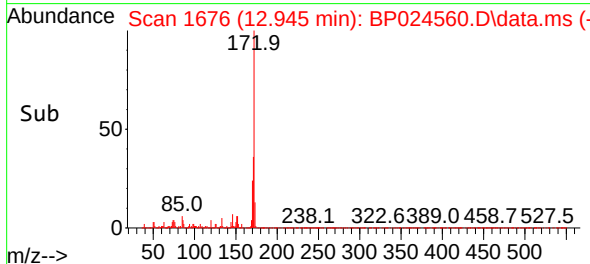
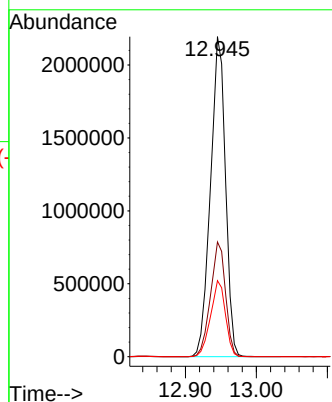
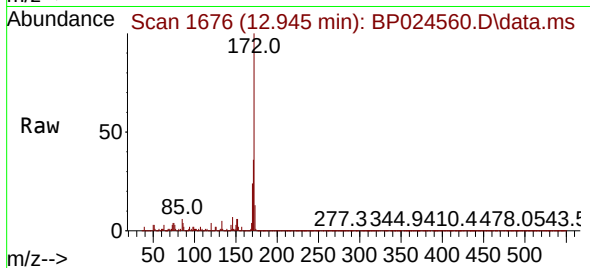




#45
2-Fluorobiphenyl
Concen: 90.628 ng
RT: 12.945 min Scan# 1680
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

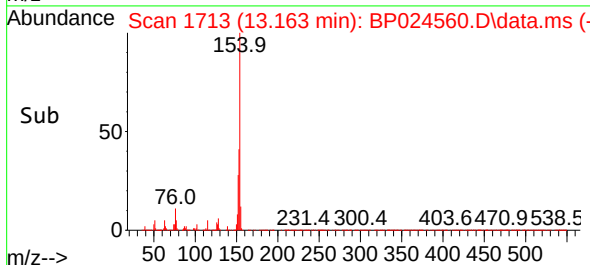
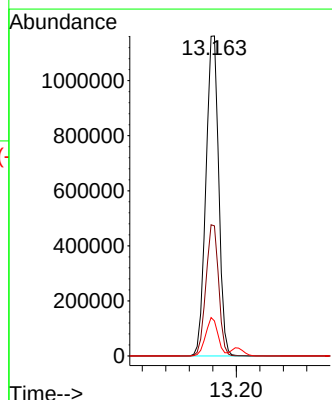
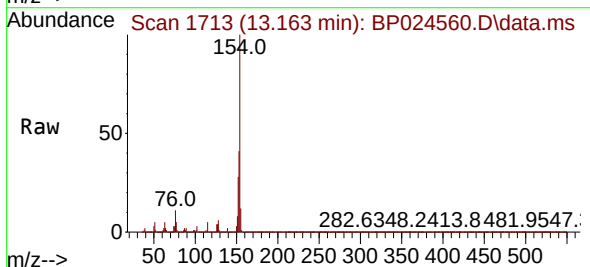
Instrument :
BNA_P
ClientSampleId :
PB167886BS

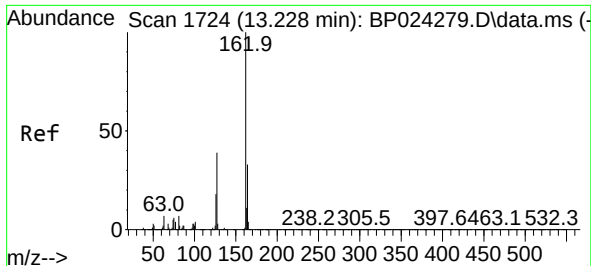
Tgt Ion:172 Resp: 3220881
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.8 18.6 27.8



#46
1,1'-Biphenyl
Concen: 43.759 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:154 Resp: 1750289
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 10.9 0.0 33.5

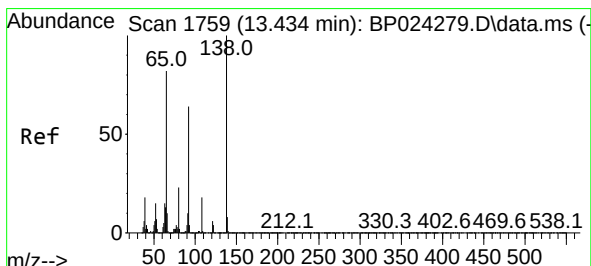
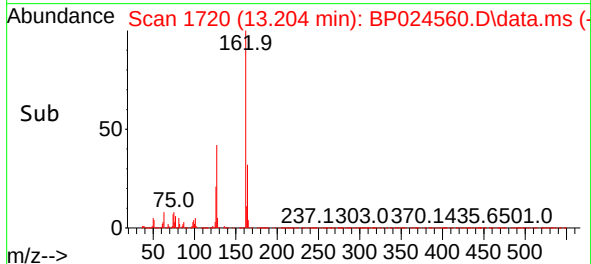
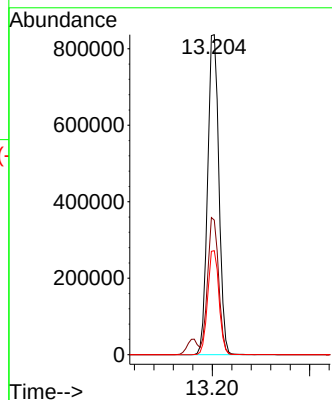
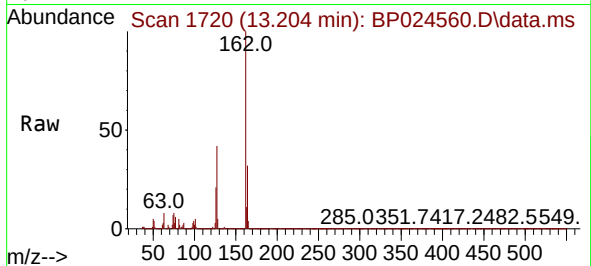




#47
2-Chloronaphthalene
Concen: 44.712 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

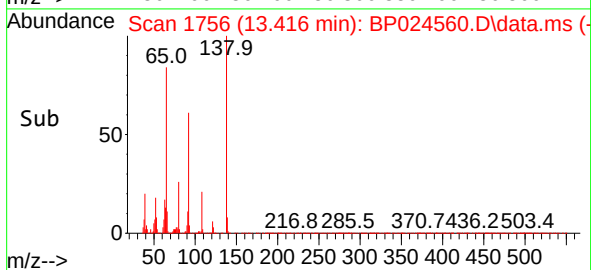
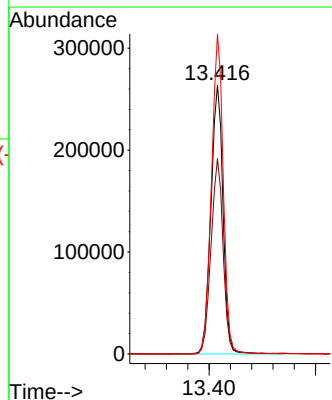
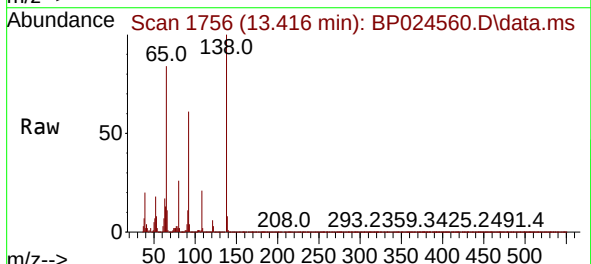
Instrument :
BNA_P
ClientSampleId :
PB167886BS

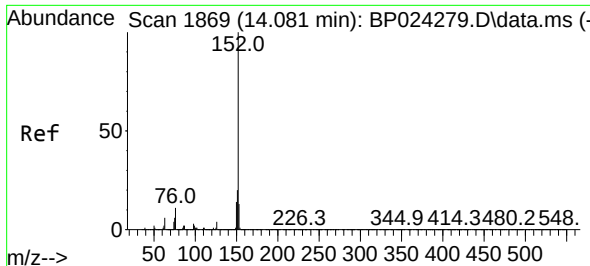
Tgt Ion:162 Resp: 1336632
Ion Ratio Lower Upper
162 100
127 42.1 31.9 47.9
164 32.5 26.2 39.4



#48
2-Nitroaniline
Concen: 49.690 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion: 65 Resp: 416667
Ion Ratio Lower Upper
65 100
92 72.6 62.3 93.5
138 119.0 97.2 145.8

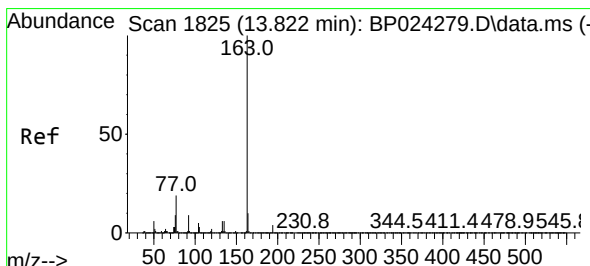
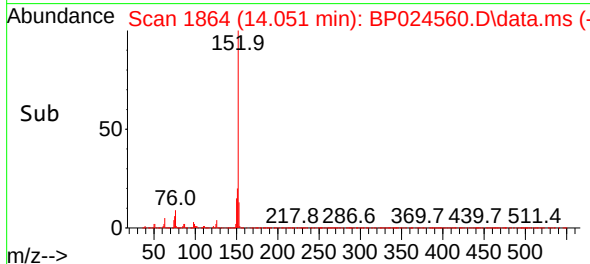
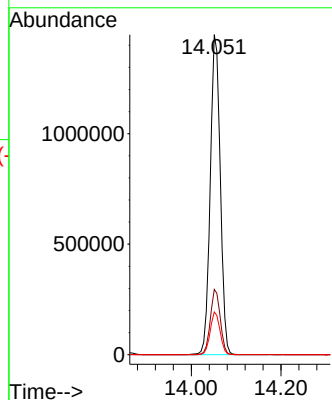
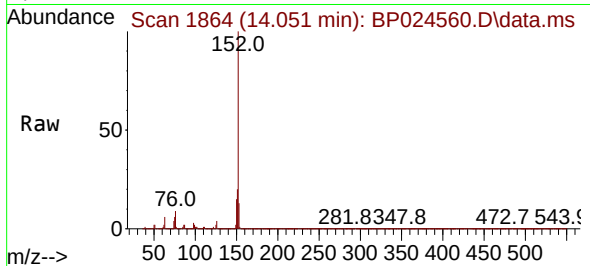




#49
Acenaphthylene
Concen: 47.604 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

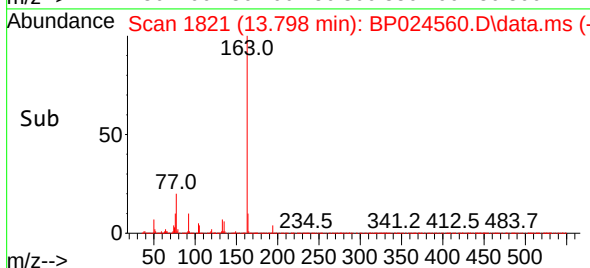
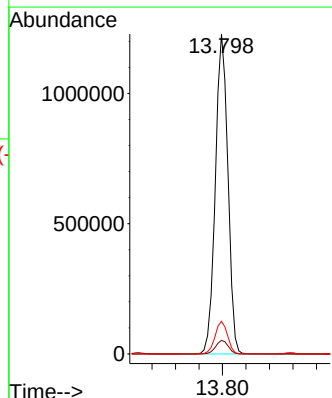
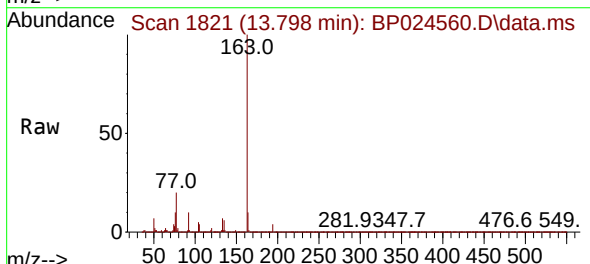
Instrument :
BNA_P
ClientSampleId :
PB167886BS

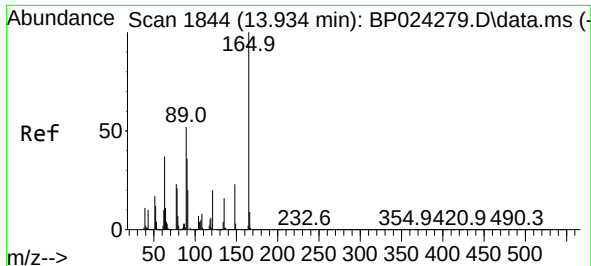
Tgt Ion:152 Resp: 2240509
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 45.849 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:163 Resp: 1814308
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.2 8.0 12.0

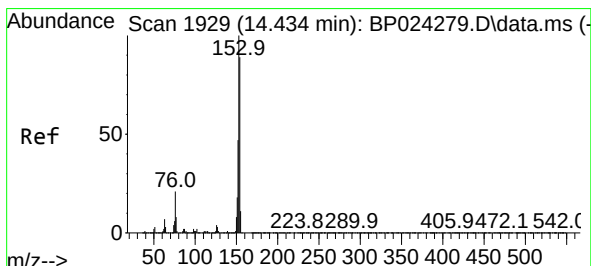
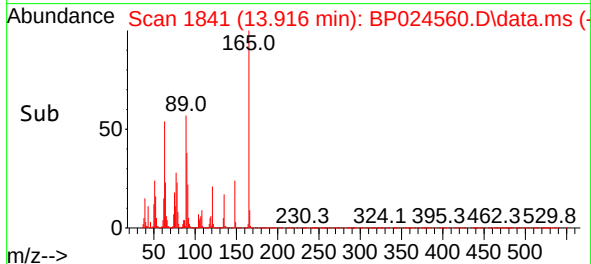
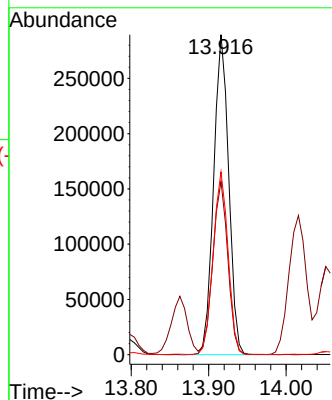
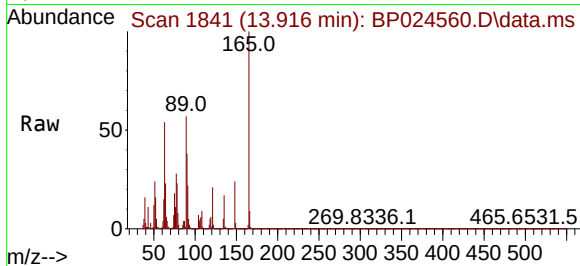




#51
2,6-Dinitrotoluene
Concen: 46.339 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

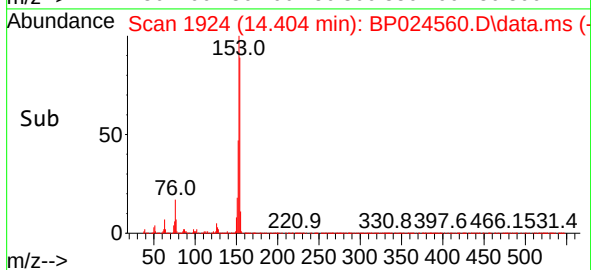
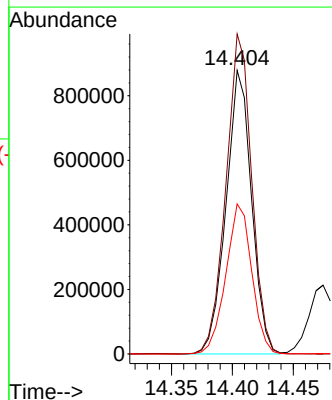
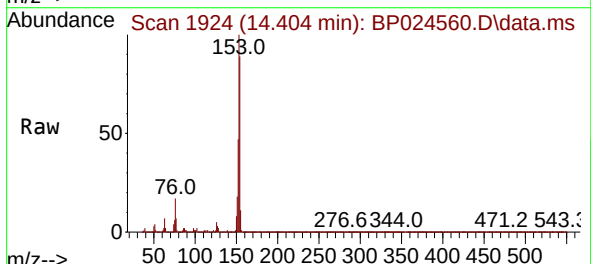
Instrument :
BNA_P
ClientSampleId :
PB167886BS

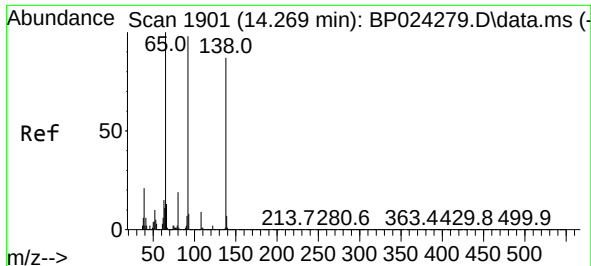
Tgt Ion:165 Resp: 389388
Ion Ratio Lower Upper
165 100
63 54.2 38.0 57.0
89 57.1 41.7 62.5



#52
Acenaphthene
Concen: 42.995 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:154 Resp: 1282892
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 52.9 42.6 63.8

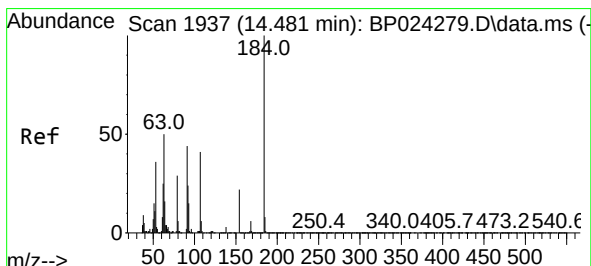
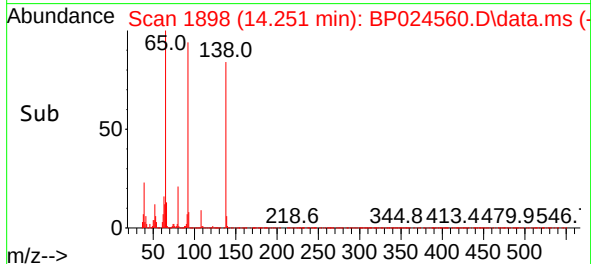
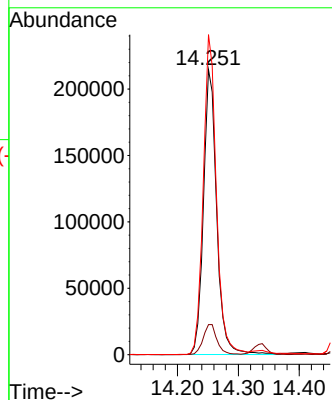
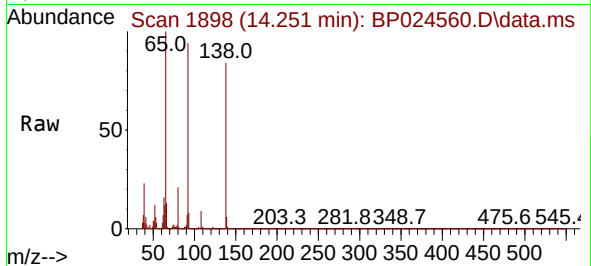




#53
3-Nitroaniline
Concen: 36.793 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

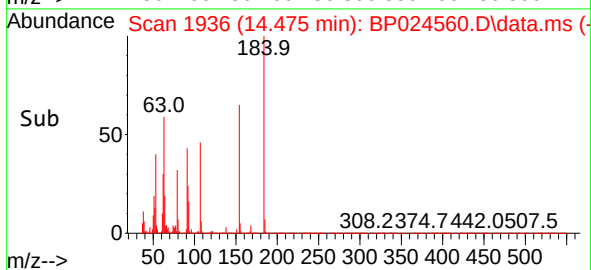
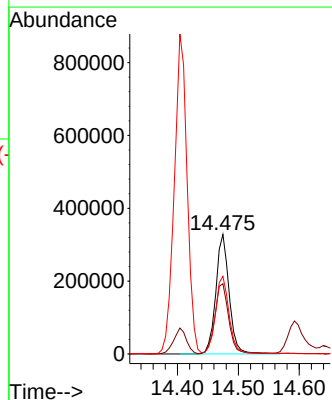
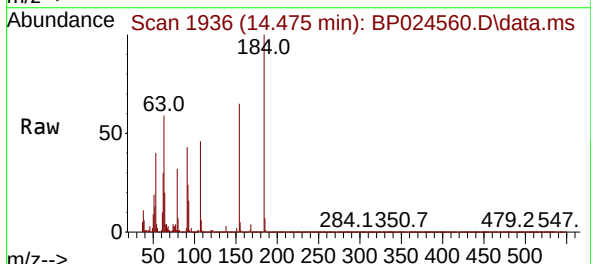
Instrument :
BNA_P
ClientSampleId :
PB167886BS

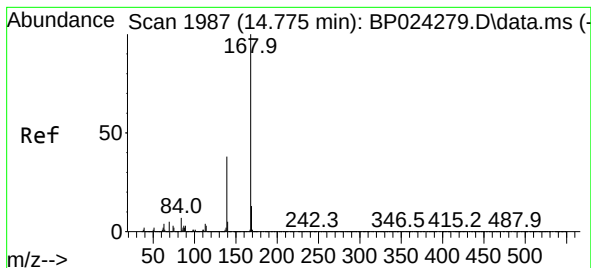
Tgt Ion:138 Resp: 324938
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 112.3 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 100.784 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:184 Resp: 498855
Ion Ratio Lower Upper
184 100
63 58.7 42.6 64.0
154 64.9 47.2 70.8

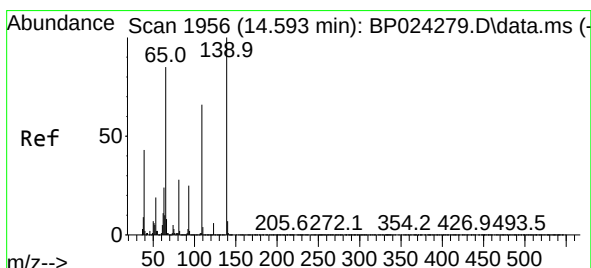
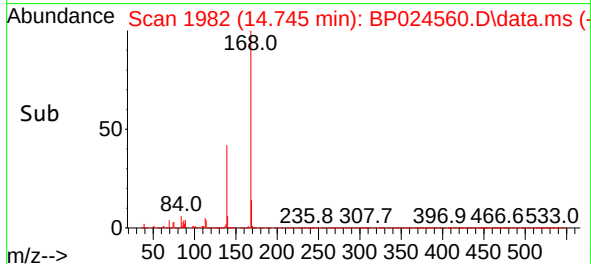
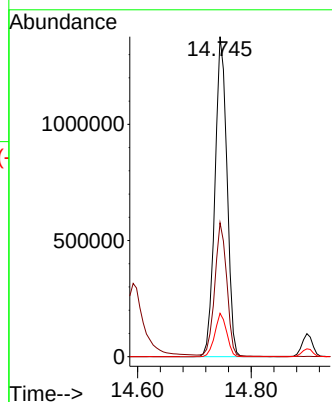
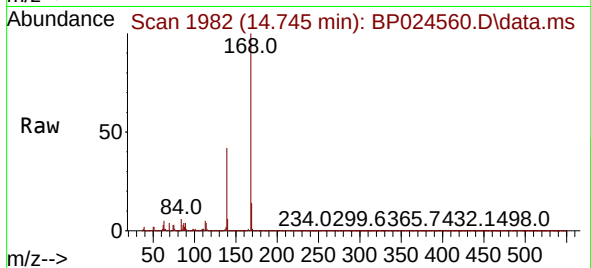




#55
Dibenzofuran
Concen: 41.364 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

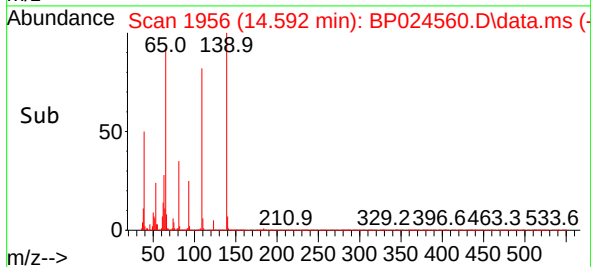
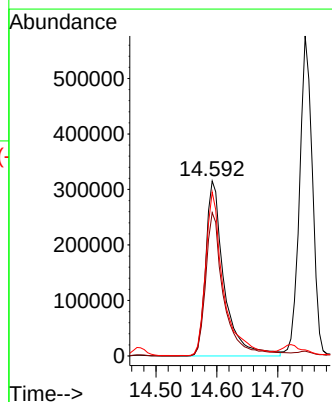
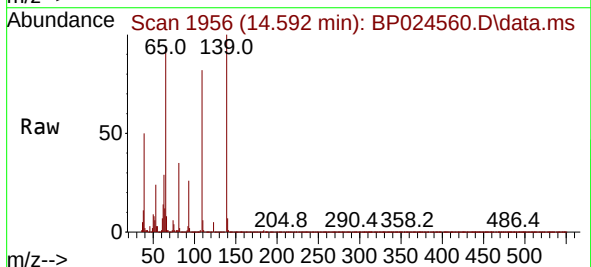
Instrument :
BNA_P
ClientSampleId :
PB167886BS

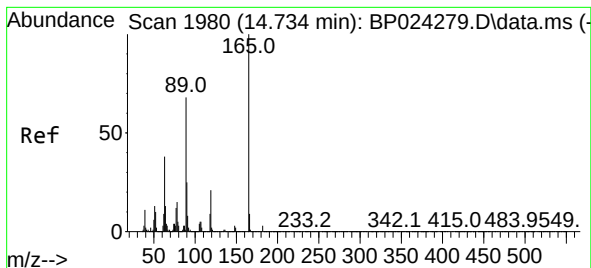
Tgt Ion:168 Resp: 2017419
Ion Ratio Lower Upper
168 100
139 41.9 30.3 45.5
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 86.370 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:139 Resp: 658787
Ion Ratio Lower Upper
139 100
109 81.9 46.1 86.1
65 93.6 65.0 105.0

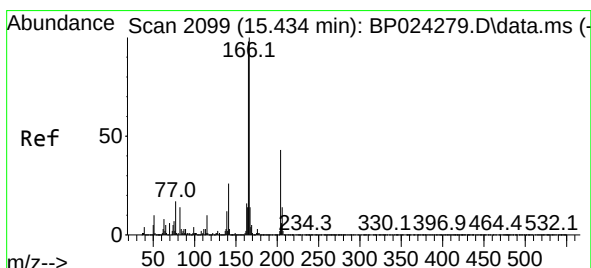
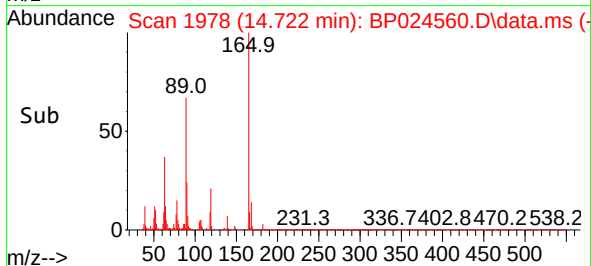
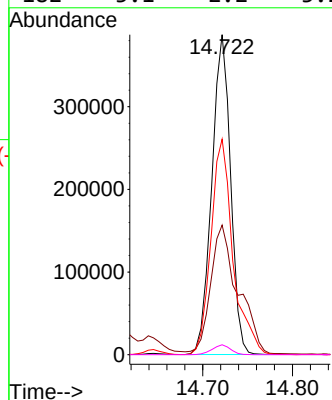
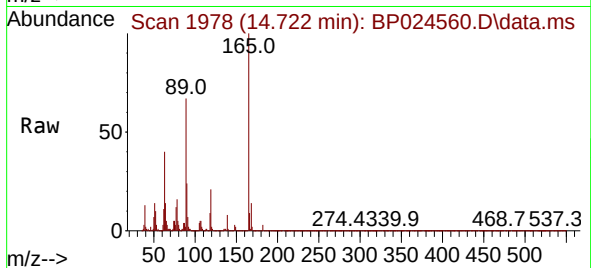




#57
2,4-Dinitrotoluene
Concen: 49.080 ng
RT: 14.722 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

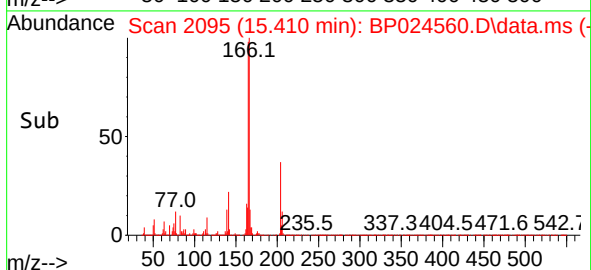
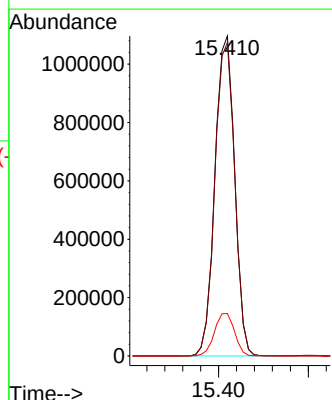
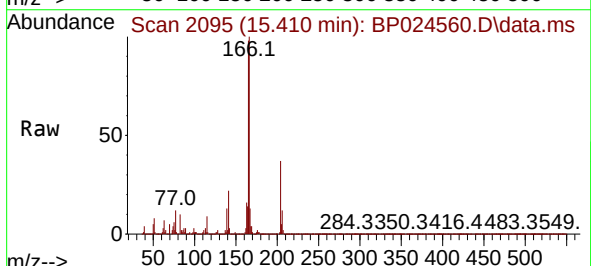
Instrument :
BNA_P
ClientSampleId :
PB167886BS

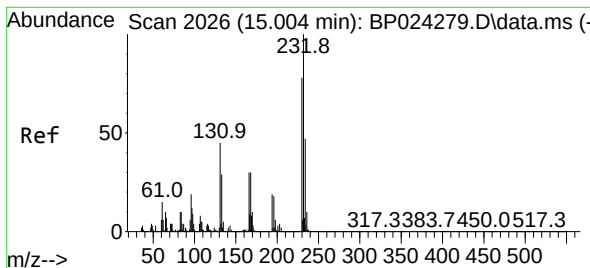
Tgt Ion:165 Resp: 562584
Ion Ratio Lower Upper
165 100
63 40.5 30.4 45.6
89 67.4 54.6 82.0
182 3.1 2.2 3.2



#58
Fluorene
Concen: 44.334 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:166 Resp: 1673893
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 13.3 10.9 16.3

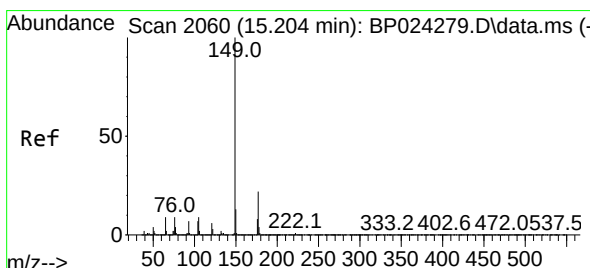
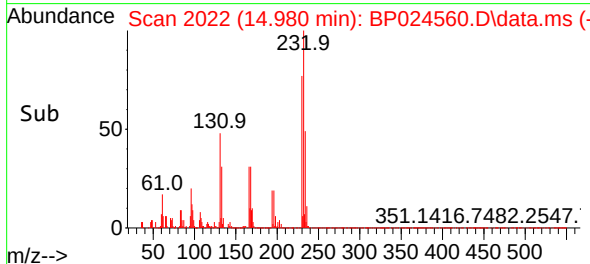
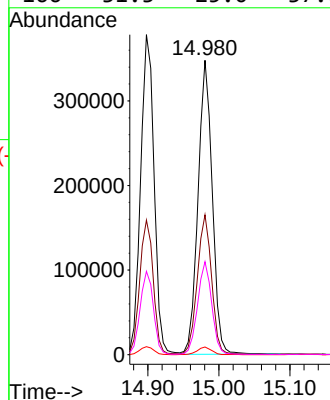
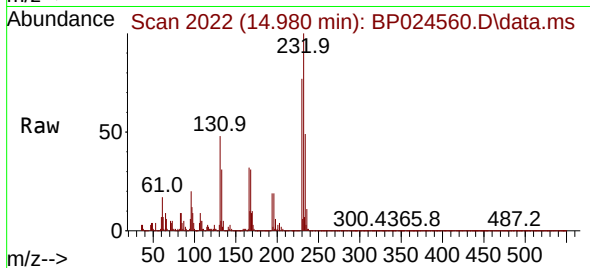




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.854 ng
RT: 14.980 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

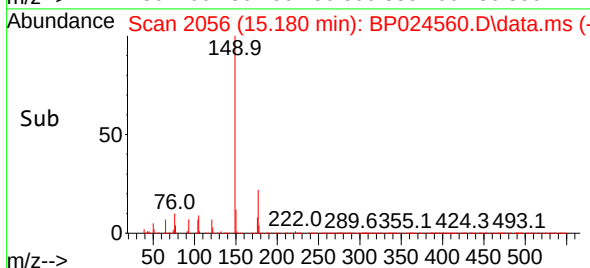
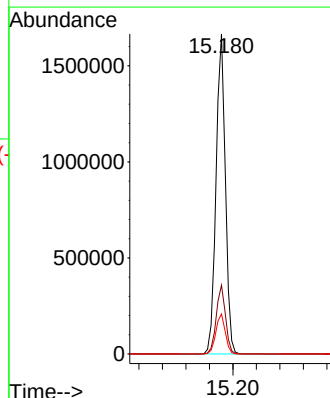
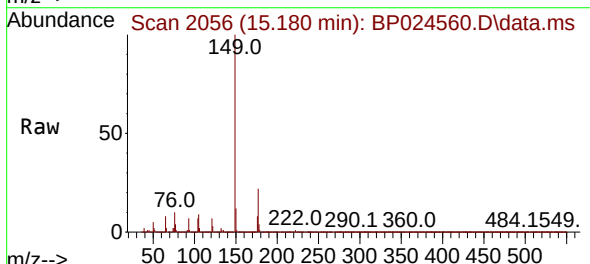
Instrument :
BNA_P
ClientSampleId :
PB167886BS

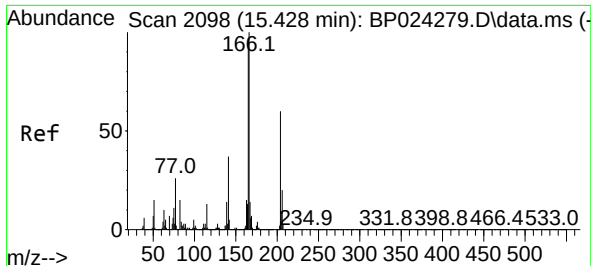
Tgt Ion:232	Resp:	486259
Ion Ratio	Lower	Upper
232	100	
131	47.7	36.8 55.2
130	2.7	1.9 2.9
166	31.3	25.0 37.6



#60
Diethylphthalate
Concen: 44.908 ng
RT: 15.180 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:149	Resp:	1831316
Ion Ratio	Lower	Upper
149	100	
177	21.5	17.4 26.2
150	12.5	10.1 15.1

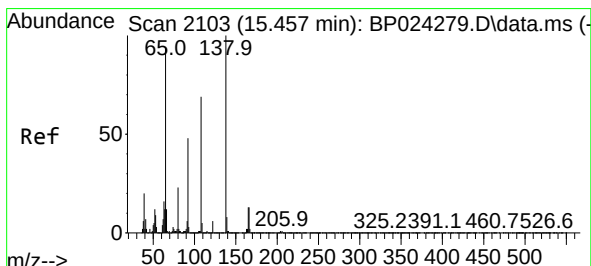
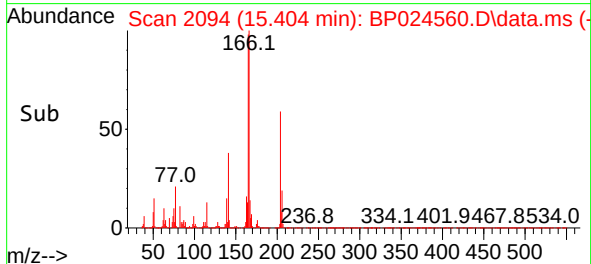
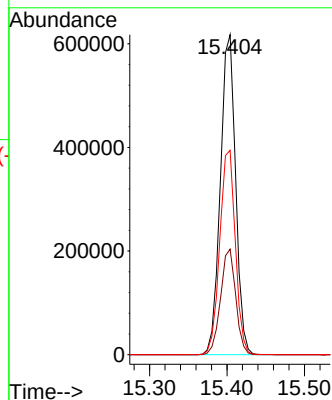
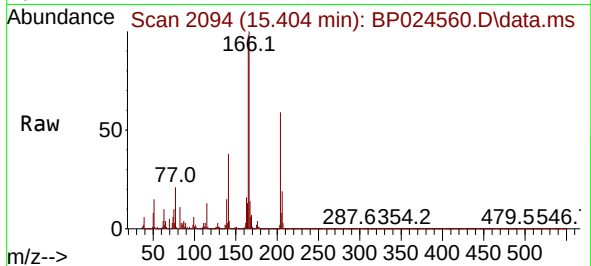




#61
4-Chlorophenyl-phenylether
Concen: 46.098 ng
RT: 15.404 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

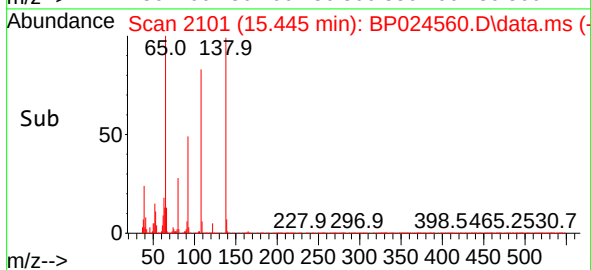
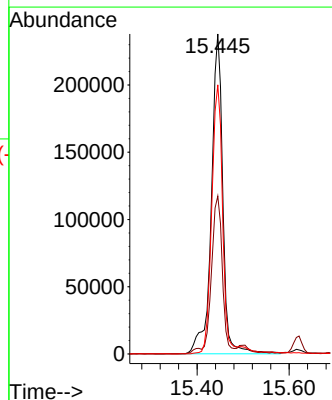
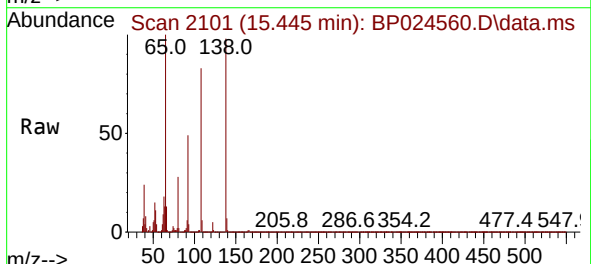
Instrument :
BNA_P
ClientSampleId :
PB167886BS

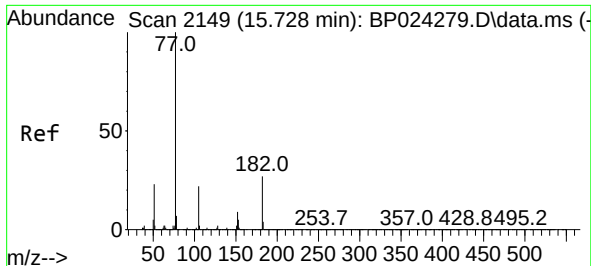
Tgt Ion:204 Resp: 845184
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 63.8 49.4 74.0



#62
4-Nitroaniline
Concen: 44.184 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:138 Resp: 413089
Ion Ratio Lower Upper
138 100
92 49.3 27.8 67.8
108 84.1 48.9 88.9

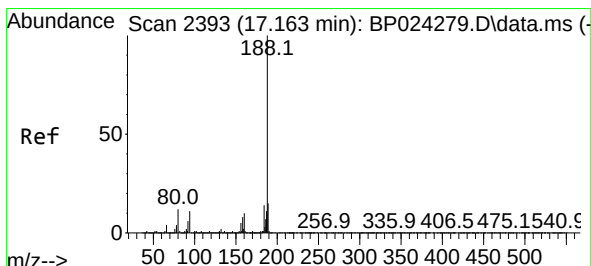
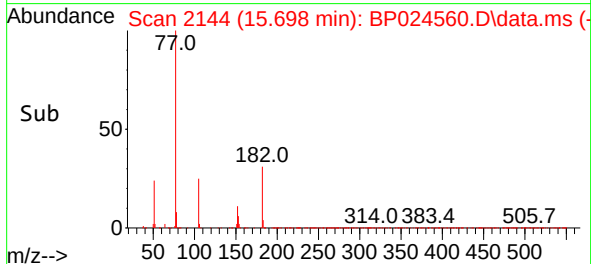
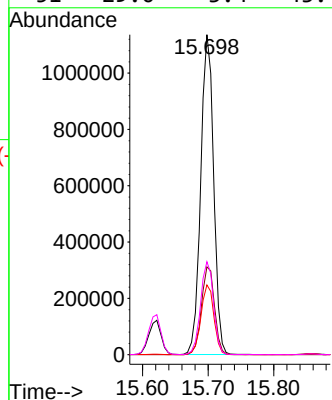
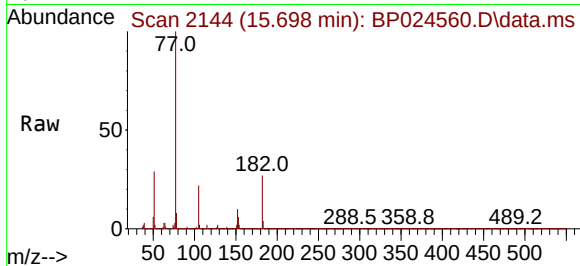




#63
Azobenzene
Concen: 41.673 ng
RT: 15.698 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

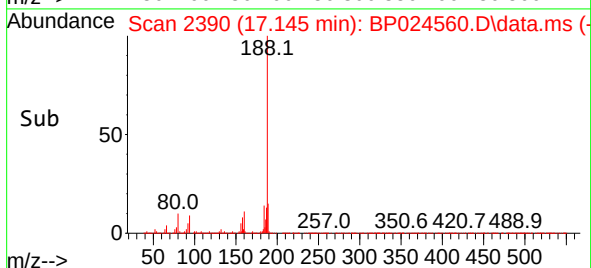
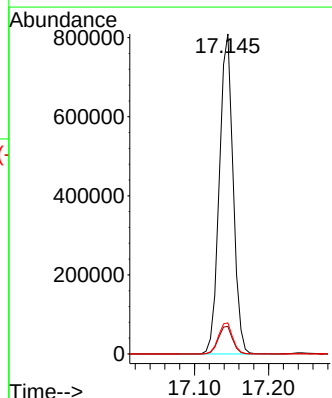
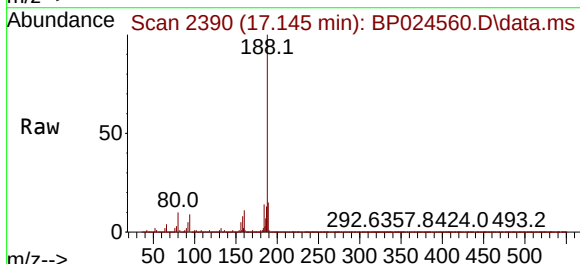
Instrument :
BNA_P
ClientSampleId :
PB167886BS

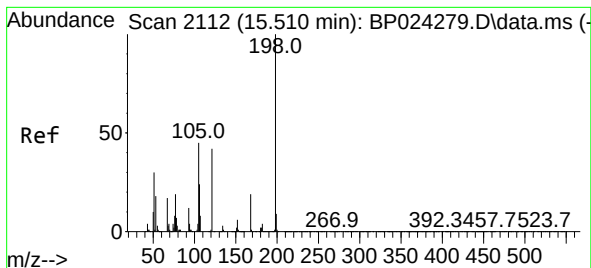
Tgt Ion: 77 Resp: 1561948
Ion Ratio Lower Upper
77 100
182 27.4 7.3 47.3
105 21.8 2.3 42.3
51 29.0 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion: 188 Resp: 1045554
Ion Ratio Lower Upper
188 100
94 8.6 8.6 13.0#
80 9.7 9.8 14.6#

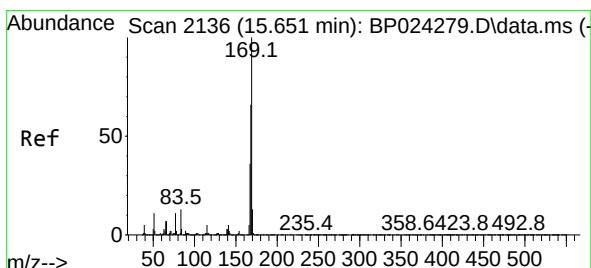
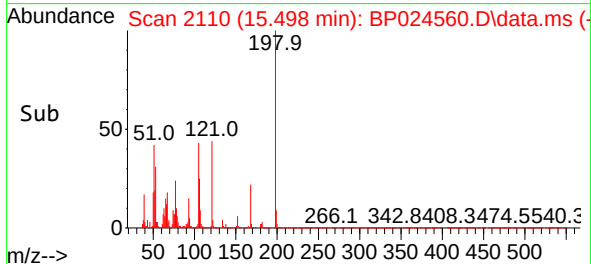
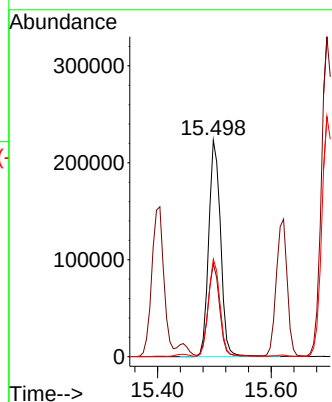
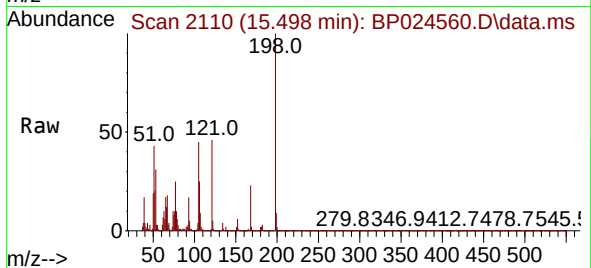




#65
4,6-Dinitro-2-methylphenol
Concen: 48.776 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

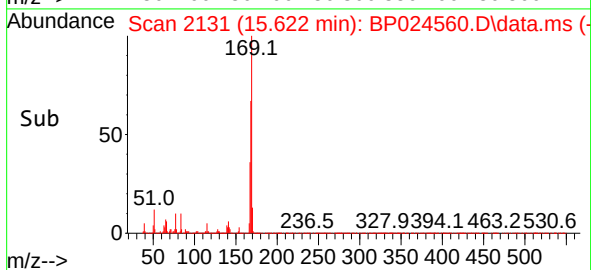
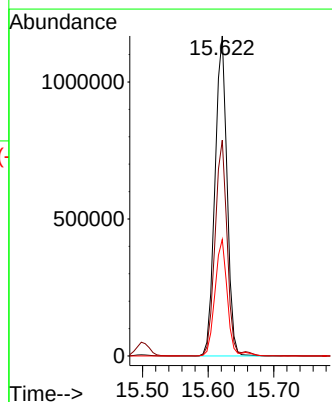
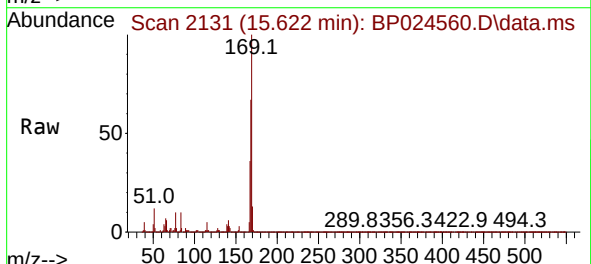
Instrument :
BNA_P
ClientSampleId :
PB167886BS

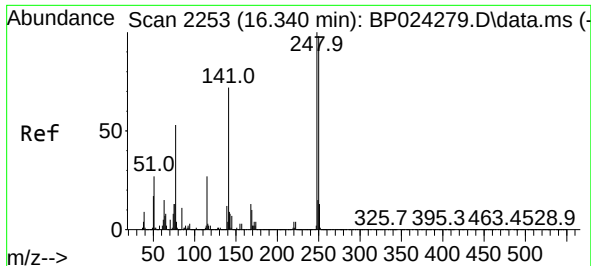
Tgt Ion:198 Resp: 321523
Ion Ratio Lower Upper
198 100
51 42.9 18.4 58.4
105 45.1 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 47.632 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:169 Resp: 1486483
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.4
167 36.4 28.9 43.3

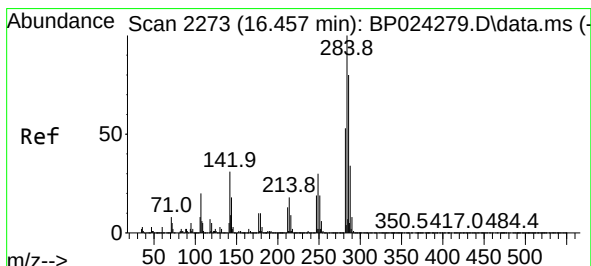
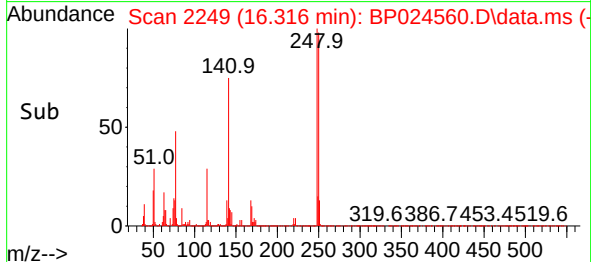
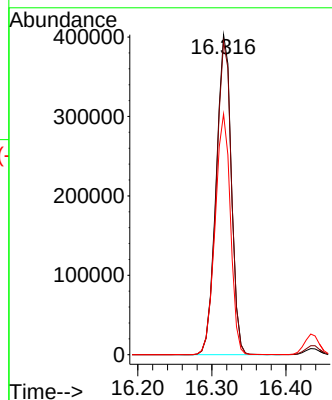
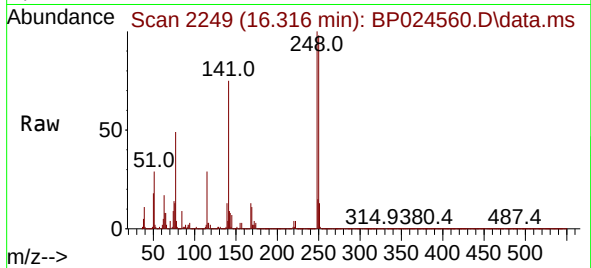




#67
4-Bromophenyl-phenylether
Concen: 50.073 ng
RT: 16.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

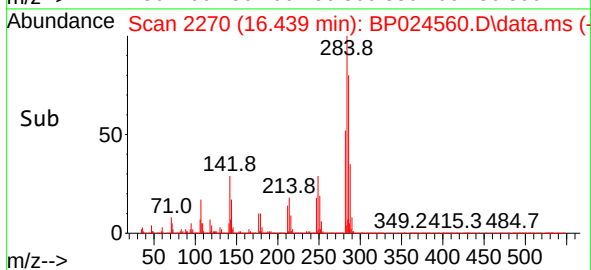
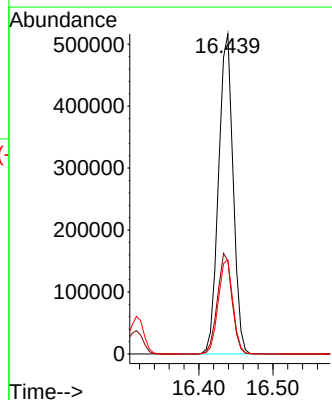
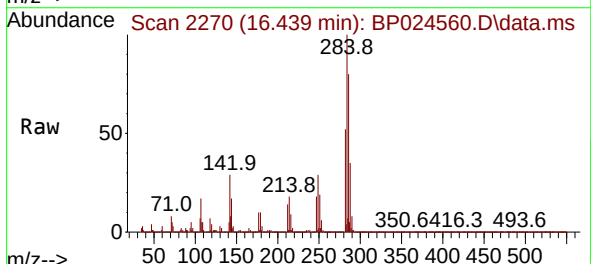
Instrument :
BNA_P
ClientSampleId :
PB167886BS

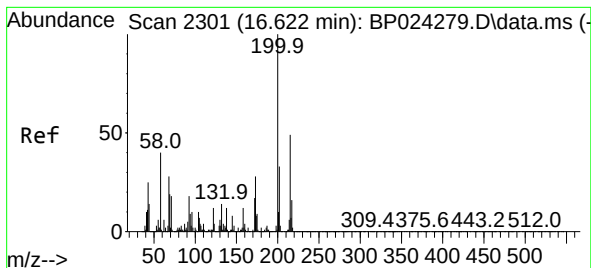
Tgt Ion:248 Resp: 572591
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 75.2 57.7 86.5



#68
Hexachlorobenzene
Concen: 51.835 ng
RT: 16.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:284 Resp: 704329
Ion Ratio Lower Upper
284 100
142 29.0 24.6 37.0
249 29.4 23.8 35.6





#69

Atrazine

Concen: 67.038 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB167886BS

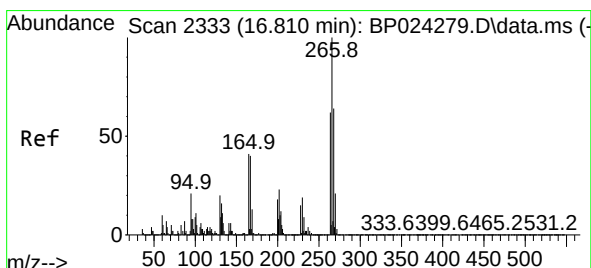
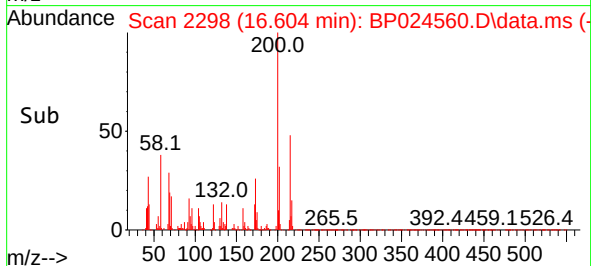
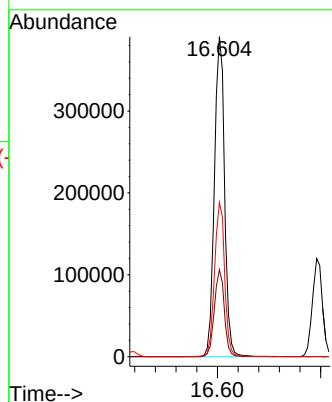
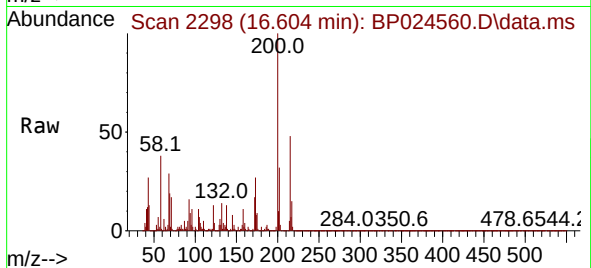
Tgt Ion:200 Resp: 532838

Ion Ratio Lower Upper

200 100

173 27.2 7.5 47.5

215 48.1 28.8 68.8



#70

Pentachlorophenol

Concen: 98.278 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

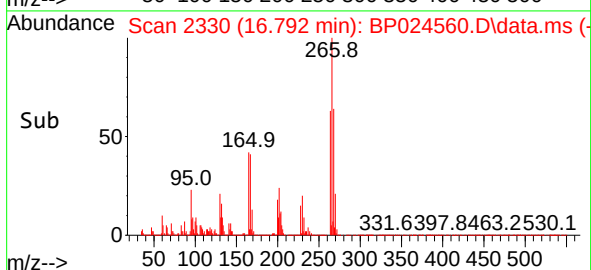
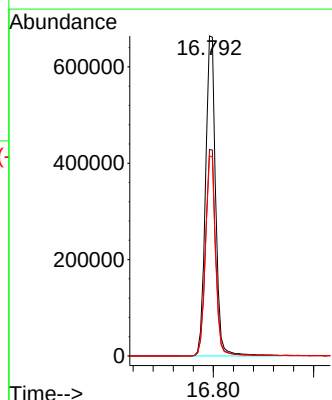
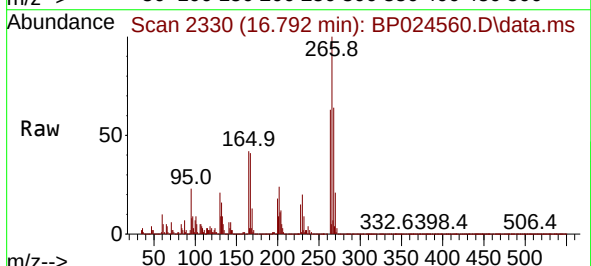
Tgt Ion:266 Resp: 931614

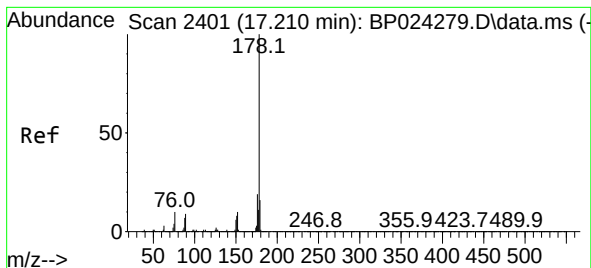
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

264 62.6 49.8 74.6





#71

Phenanthrene

Concen: 44.847 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB167886BS

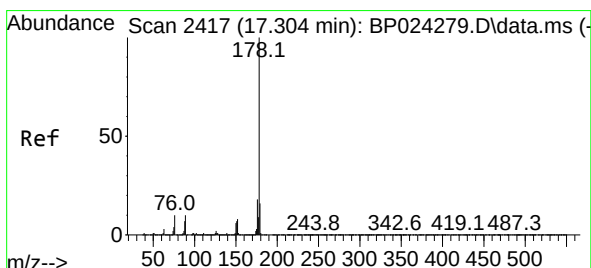
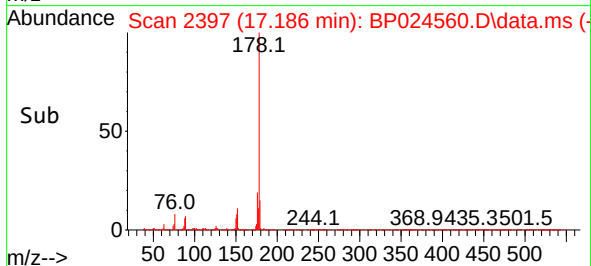
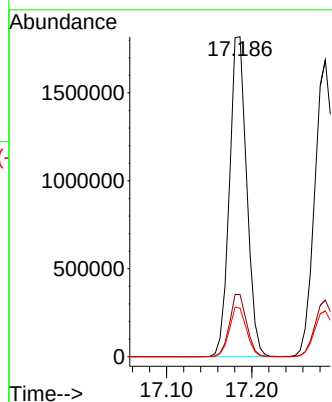
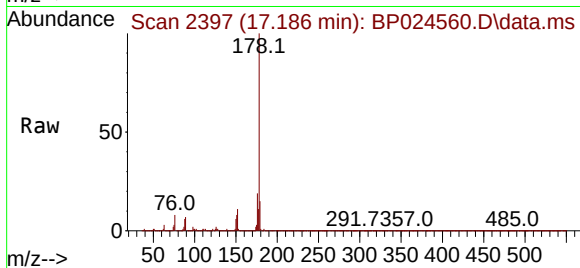
Tgt Ion:178 Resp: 2557994

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.2 12.5 18.7



#72

Anthracene

Concen: 47.789 ng

RT: 17.286 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

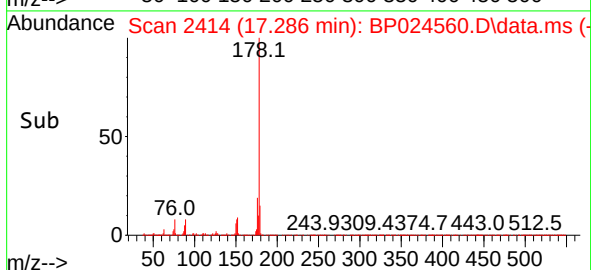
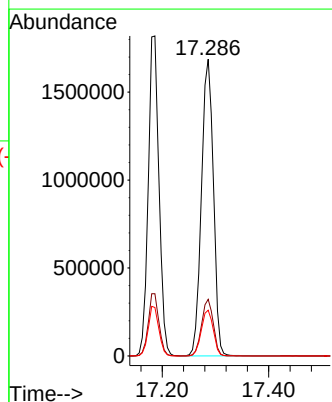
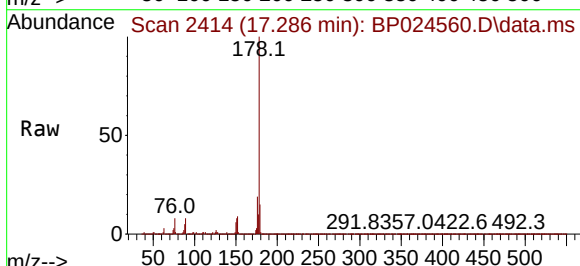
Tgt Ion:178 Resp: 2627077

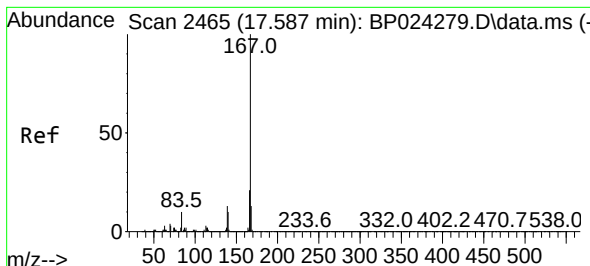
Ion Ratio Lower Upper

178 100

176 19.1 14.7 22.1

179 15.4 12.4 18.6





#73

Carbazole

Concen: 44.510 ng

RT: 17.569 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB167886BS

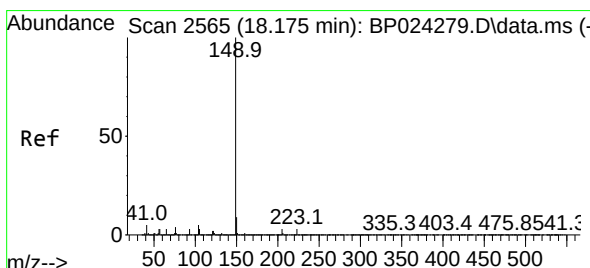
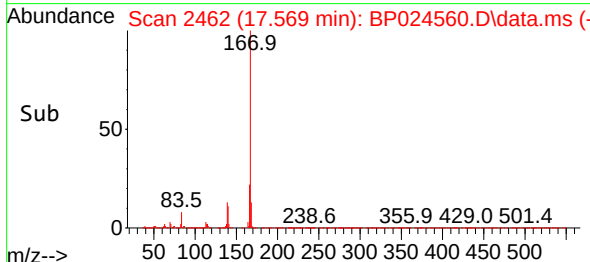
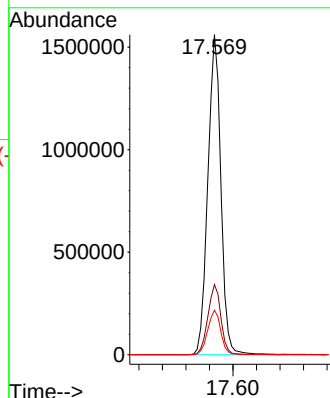
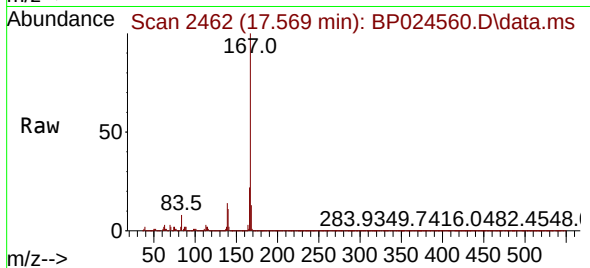
Tgt Ion:167 Resp: 2390784

Ion Ratio Lower Upper

167 100

166 21.9 17.1 25.7

139 13.9 10.6 16.0



#74

Di-n-butylphthalate

Concen: 46.631 ng

RT: 18.157 min Scan# 2562

Delta R.T. -0.000 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

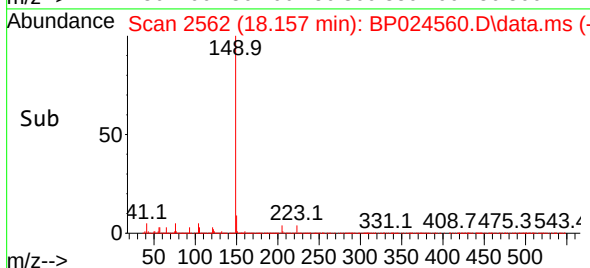
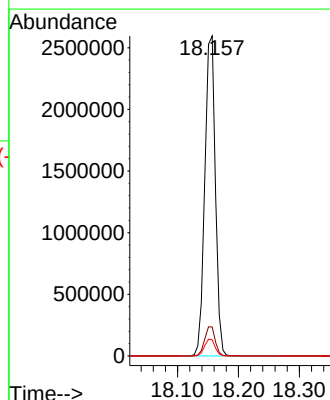
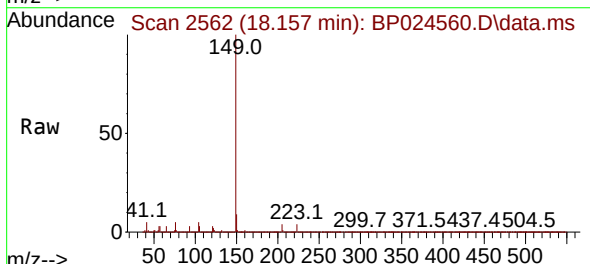
Tgt Ion:149 Resp: 3120475

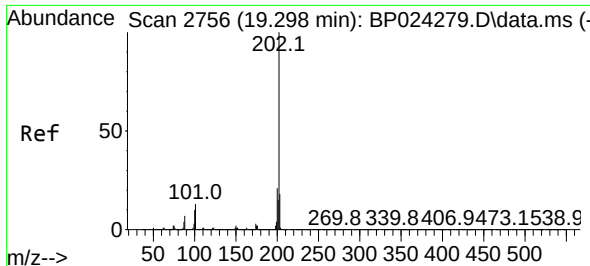
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.1 3.9 5.9

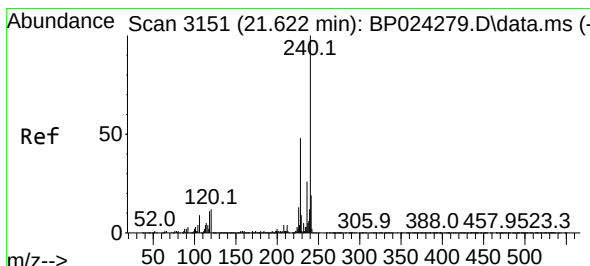
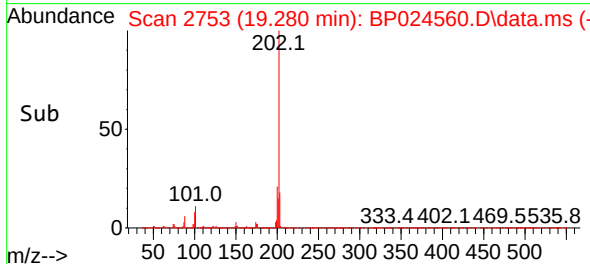
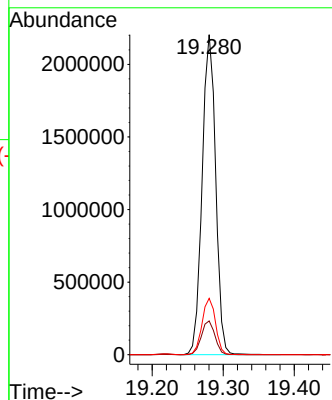
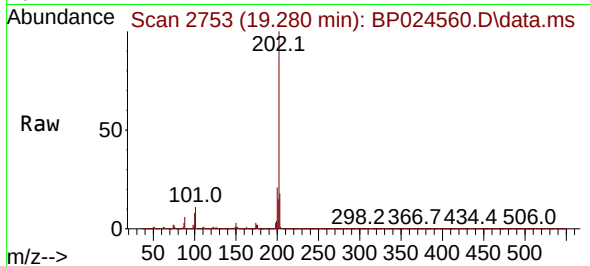




#75
Fluoranthene
Concen: 43.095 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

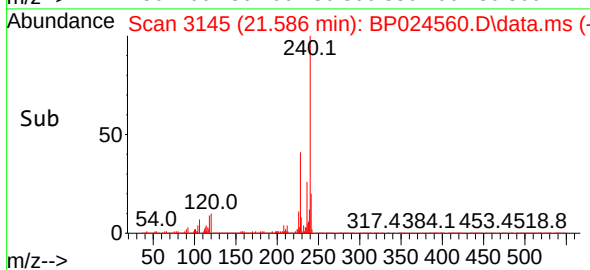
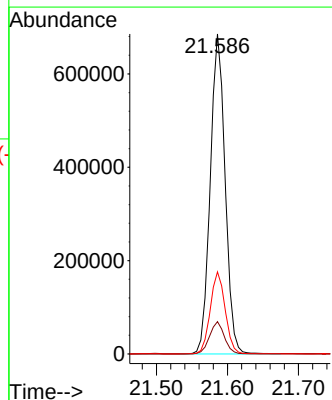
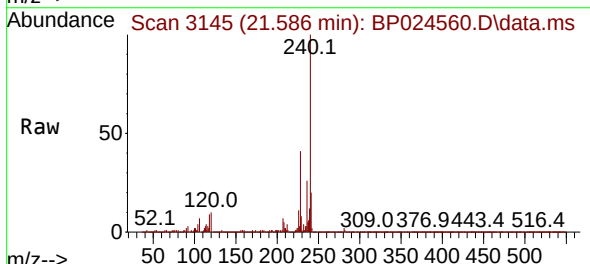
Instrument :
BNA_P
ClientSampleId :
PB167886BS

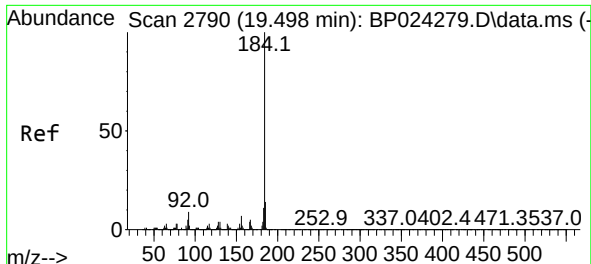
Tgt Ion:202 Resp: 2923466
Ion Ratio Lower Upper
202 100
101 10.6 0.0 33.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:240 Resp: 997575
Ion Ratio Lower Upper
240 100
120 10.1 9.8 14.8
236 25.6 20.9 31.3

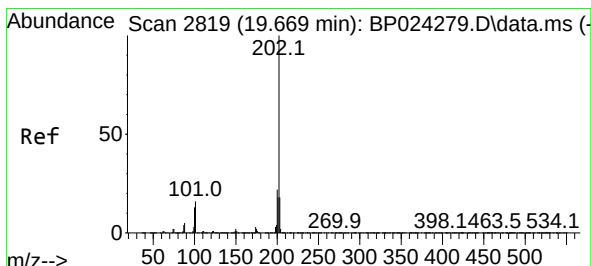
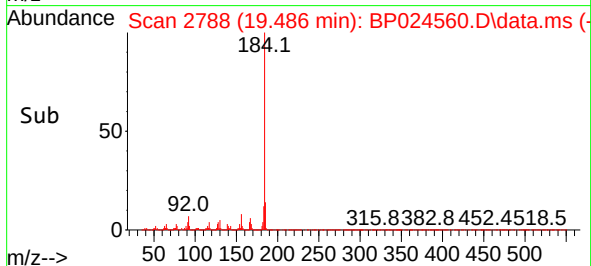
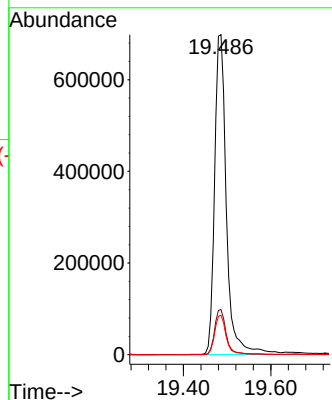
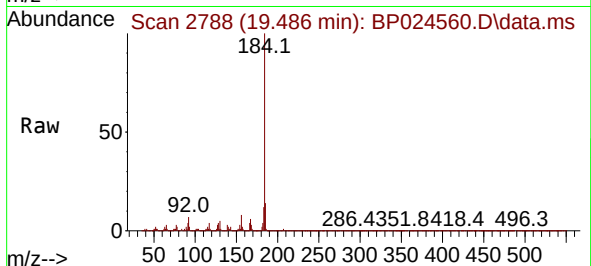




#77
Benzidine
Concen: 103.837 ng
RT: 19.486 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

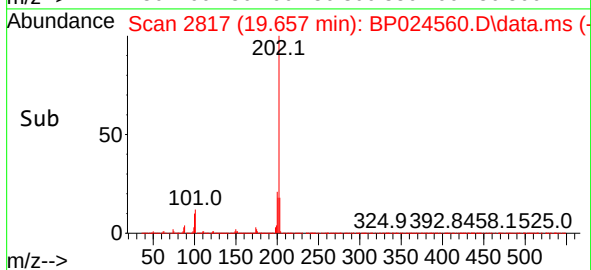
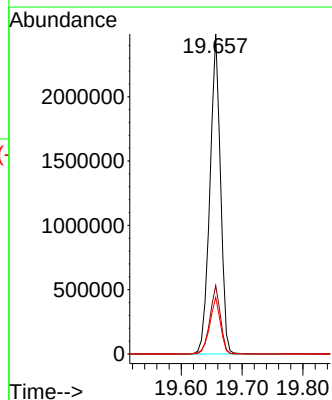
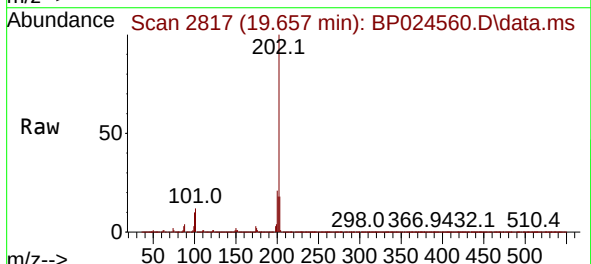
Instrument :
BNA_P
ClientSampleId :
PB167886BS

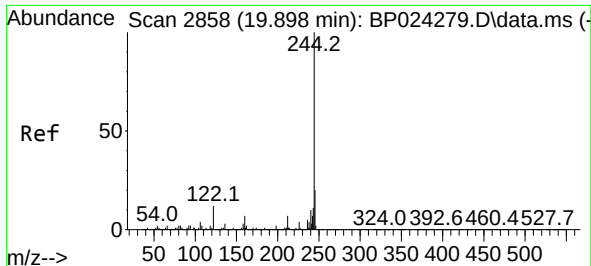
Tgt Ion:184 Resp: 1313035
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 12.3 9.2 13.8



#78
Pyrene
Concen: 47.386 ng
RT: 19.657 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:202 Resp: 3004159
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.7 14.4 21.6

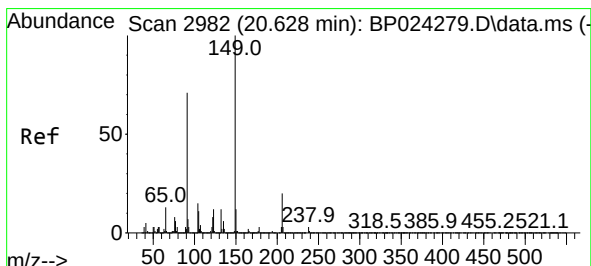
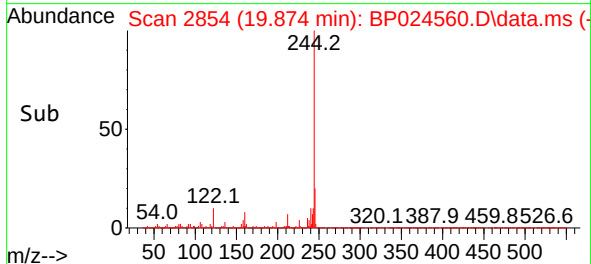
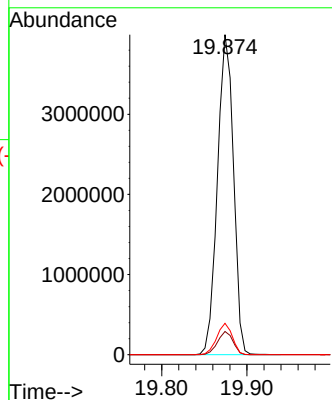
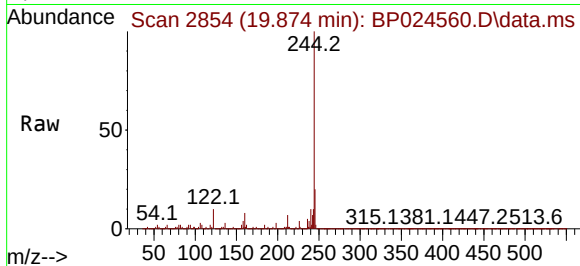




#79
 Terphenyl-d14
 Concen: 105.640 ng
 RT: 19.874 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP024560.D
 Acq: 07 May 2025 11:30

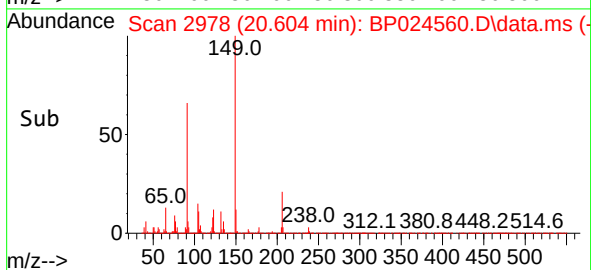
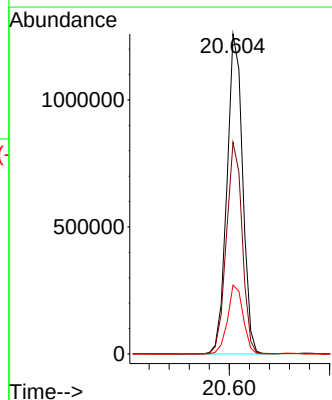
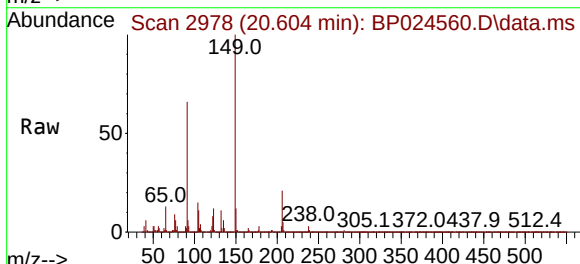
Instrument :
 BNA_P
 ClientSampleId :
 PB167886BS

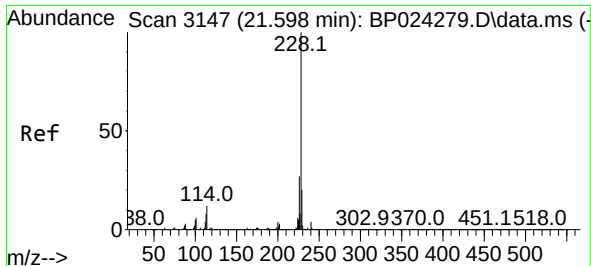
Tgt Ion:244 Resp: 5228325
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 9.8 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 50.167 ng
 RT: 20.604 min Scan# 2978
 Delta R.T. -0.000 min
 Lab File: BP024560.D
 Acq: 07 May 2025 11:30

Tgt Ion:149 Resp: 1362254
 Ion Ratio Lower Upper
 149 100
 91 66.2 56.4 84.6
 206 21.5 16.3 24.5

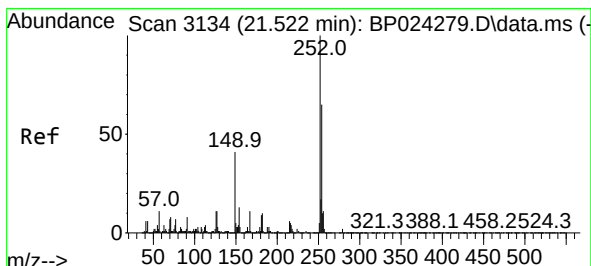
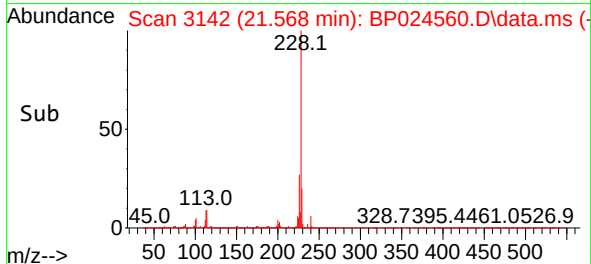
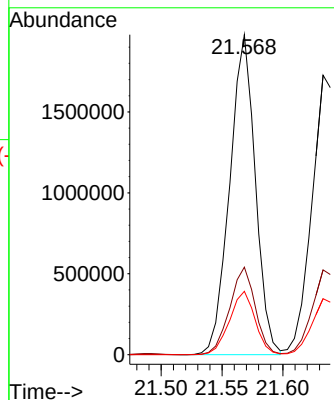
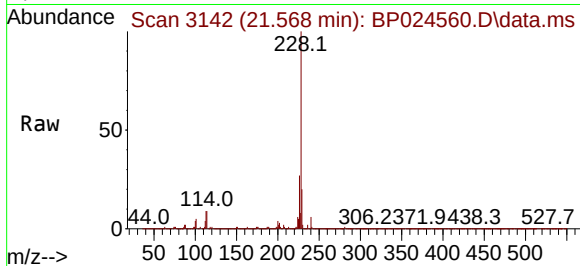




#81
Benzo(a)anthracene
Concen: 46.547 ng
RT: 21.568 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

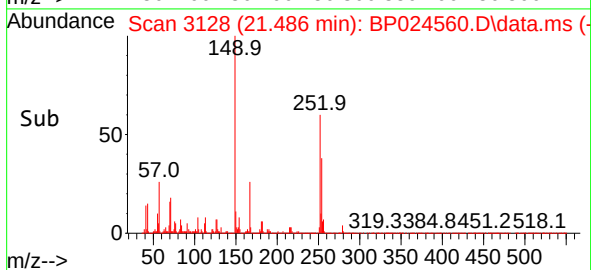
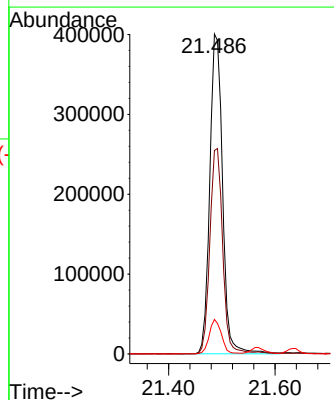
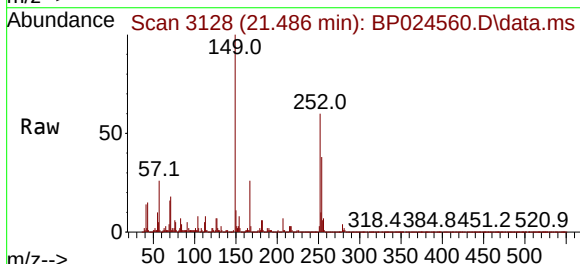
Instrument :
BNA_P
ClientSampleId :
PB167886BS

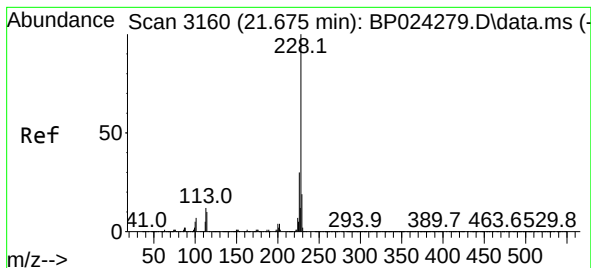
Tgt Ion:228 Resp: 2886185
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 30.738 ng
RT: 21.486 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:252 Resp: 668960
Ion Ratio Lower Upper
252 100
254 63.6 51.7 77.5
126 10.8 8.8 13.2





#83

Chrysene

Concen: 44.597 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB167886BS

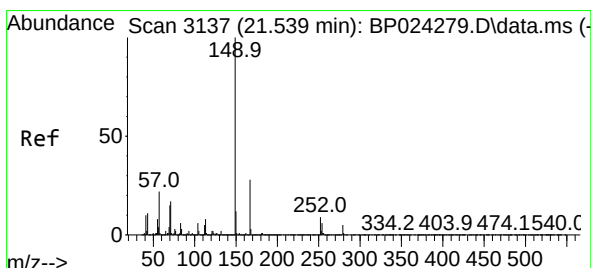
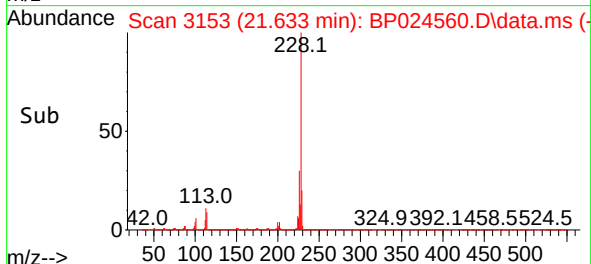
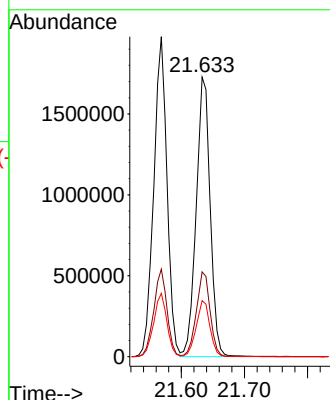
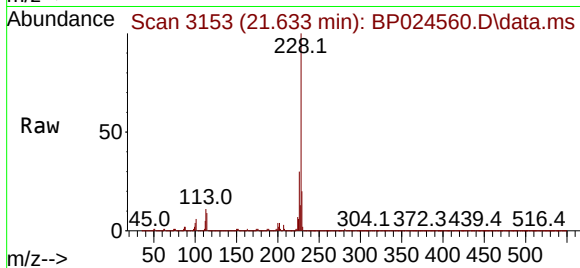
Tgt Ion:228 Resp: 2649244

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.464 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.012 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

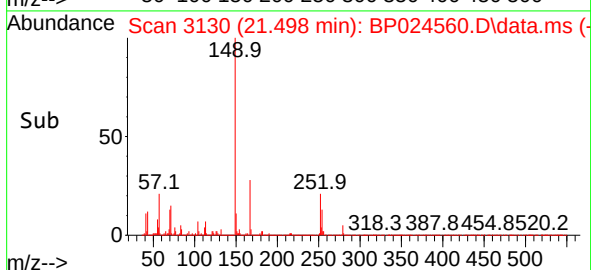
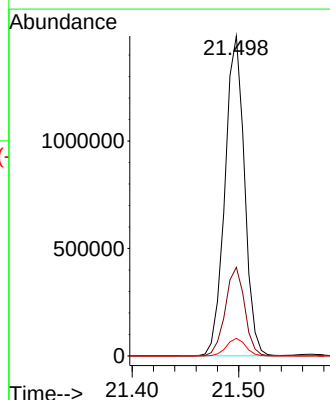
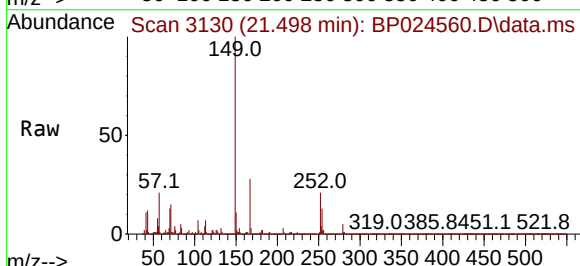
Tgt Ion:149 Resp: 1889413

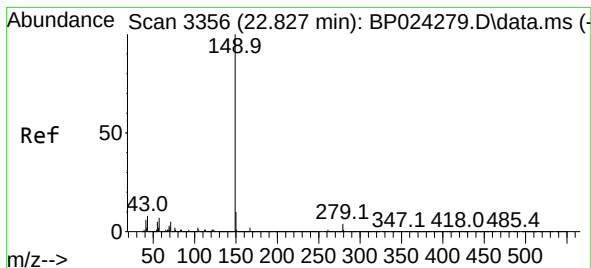
Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

279 5.5 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 45.681 ng

RT: 22.762 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB167886BS

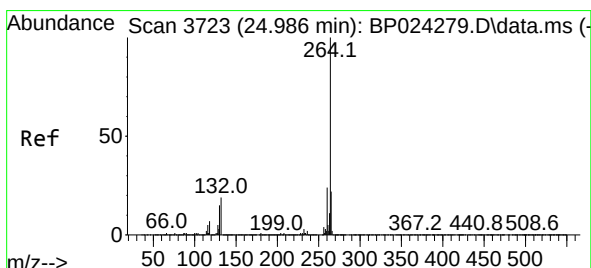
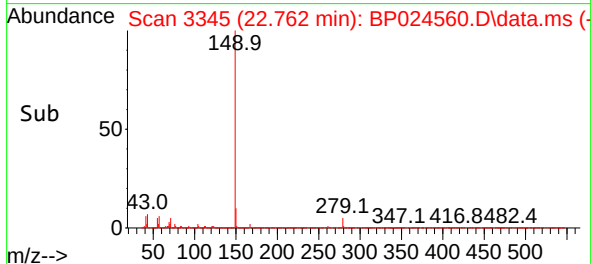
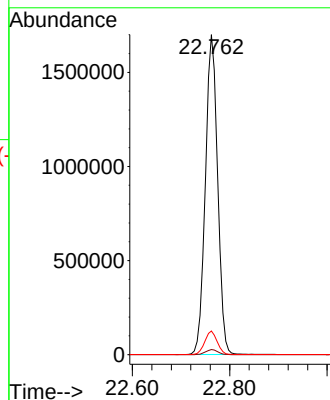
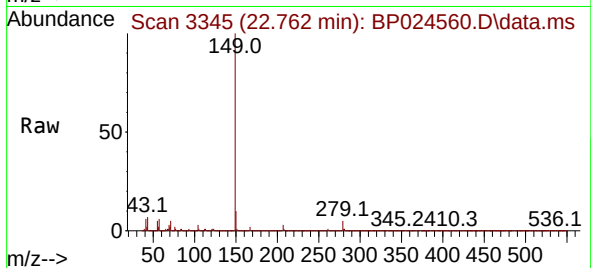
Tgt Ion:149 Resp: 2956252

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.5 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.903 min Scan# 3709

Delta R.T. -0.030 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

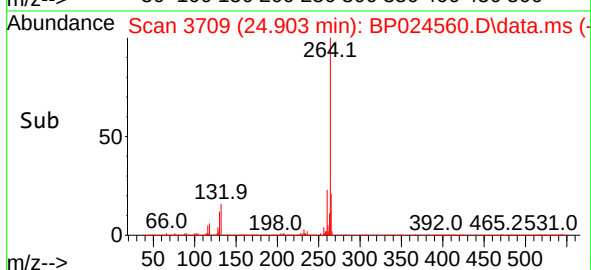
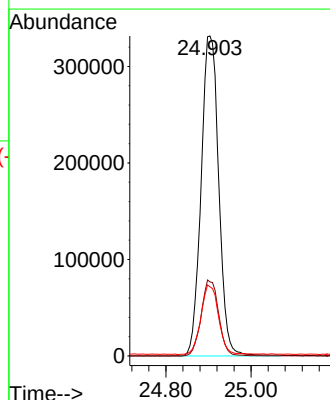
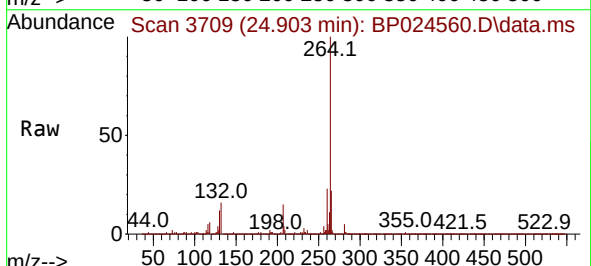
Tgt Ion:264 Resp: 953298

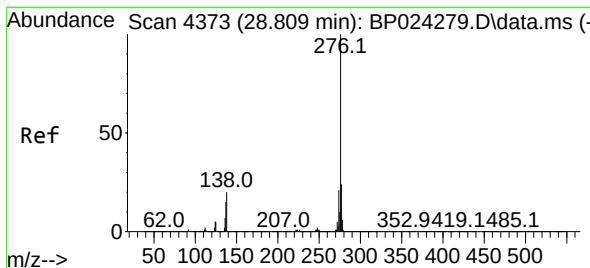
Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.755 ng

RT: 28.674 min Scan# 41

Delta R.T. -0.065 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB167886BS

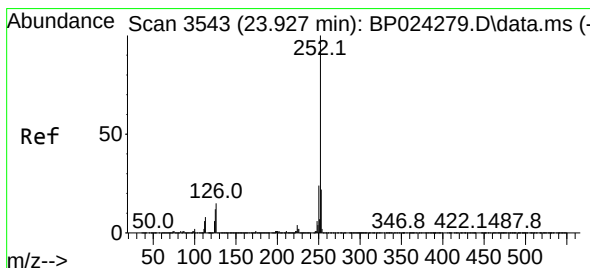
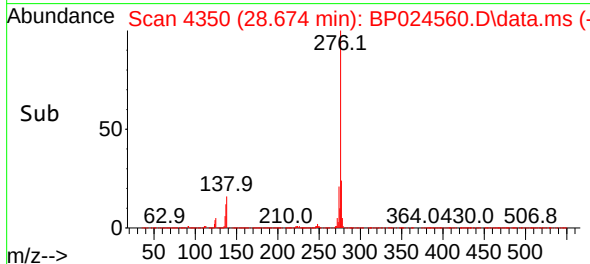
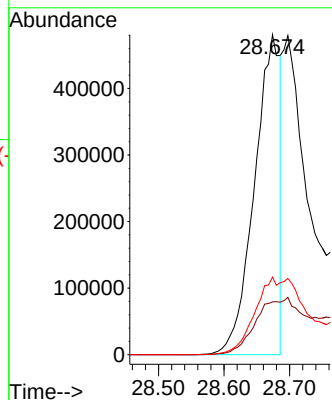
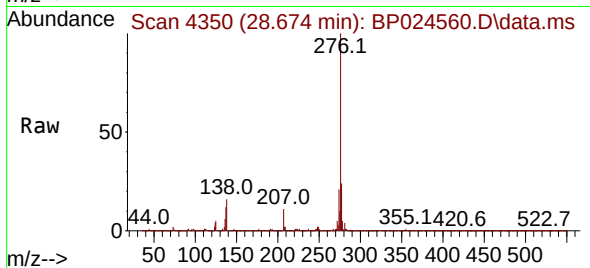
Tgt Ion:276 Resp: 1307457

Ion Ratio Lower Upper

276 100

138 0.0 14.5 21.7#

277 21.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.928 ng

RT: 23.856 min Scan# 3531

Delta R.T. -0.030 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

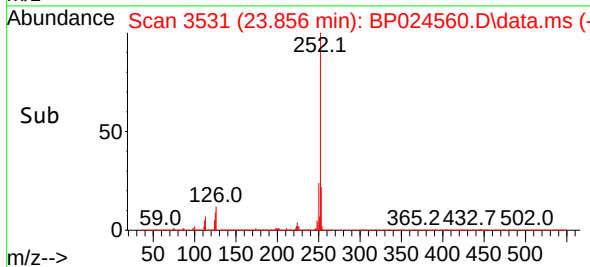
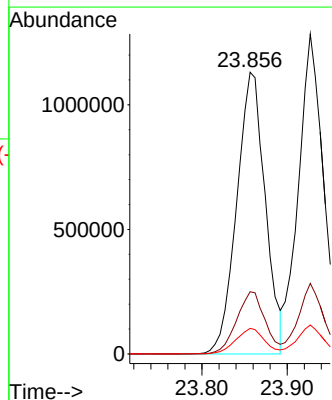
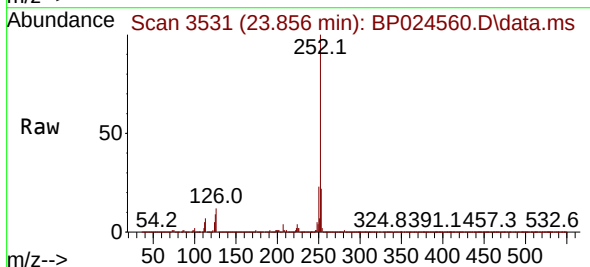
Tgt Ion:252 Resp: 2624426

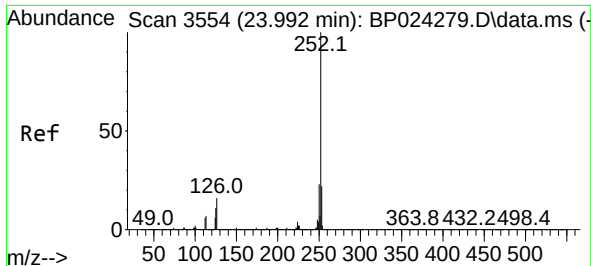
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.1 9.4 14.0#

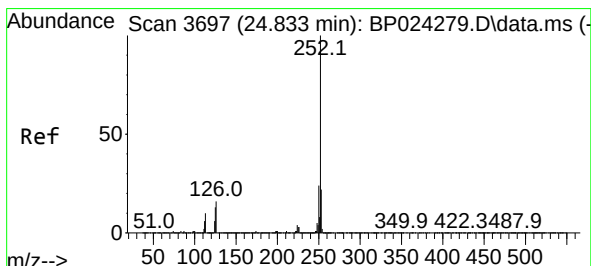
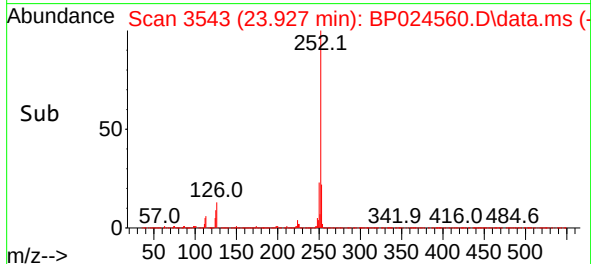
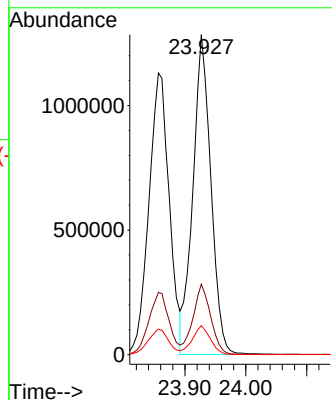
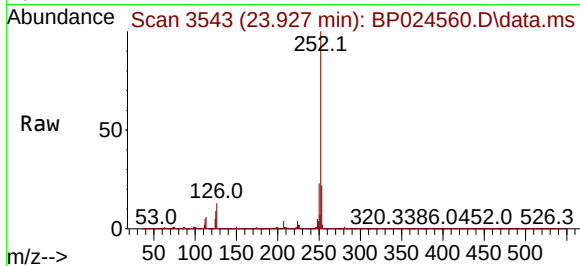




#89
Benzo(k)fluoranthene
Concen: 47.694 ng
RT: 23.927 min Scan# 31
Delta R.T. -0.030 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

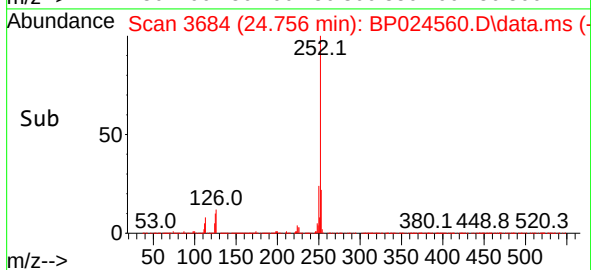
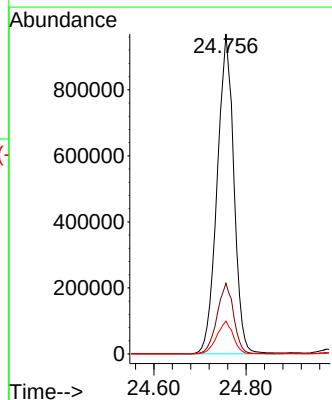
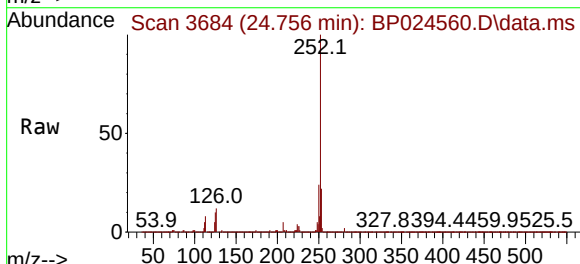
Instrument :
BNA_P
ClientSampleId :
PB167886BS

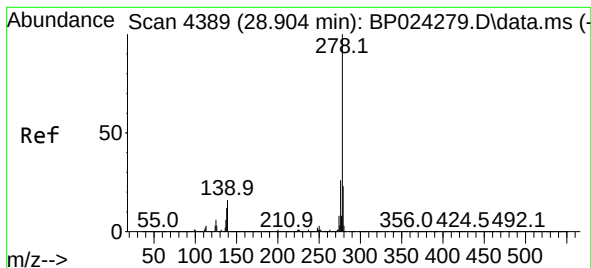
Tgt Ion:252 Resp: 2632490
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.0 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 49.321 ng
RT: 24.756 min Scan# 3684
Delta R.T. -0.024 min
Lab File: BP024560.D
Acq: 07 May 2025 11:30

Tgt Ion:252 Resp: 2431046
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.3 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 42.295 ng

RT: 28.762 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB167886BS

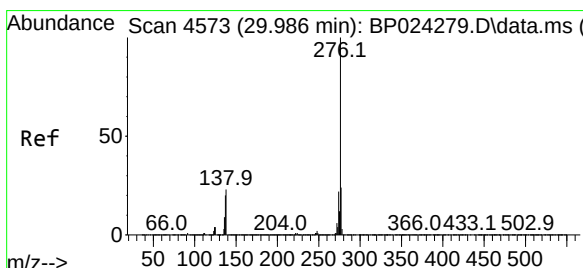
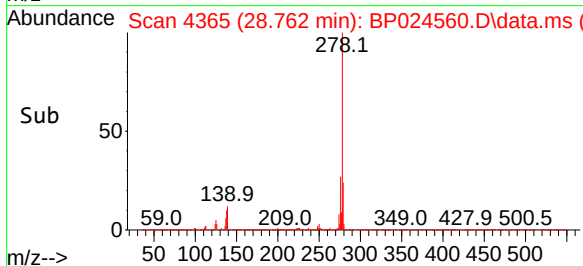
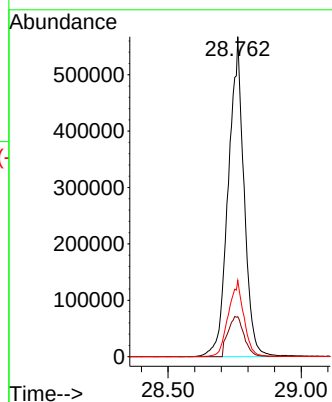
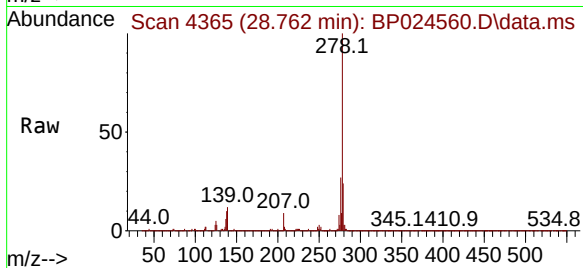
Tgt Ion:278 Resp: 2323416

Ion Ratio Lower Upper

278 100

139 12.5 12.6 19.0#

279 23.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 40.335 ng

RT: 29.862 min Scan# 4552

Delta R.T. -0.035 min

Lab File: BP024560.D

Acq: 07 May 2025 11:30

Tgt Ion:276 Resp: 2255303

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 19.1 18.7 28.1

