

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024570.D
 Acq On : 08 May 2025 16:07
 Operator : RC/JU
 Sample : PB167904BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167904BS

Quant Time: May 08 16:42:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	175167	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	732511	20.000	ng	#-0.02
39) Acenaphthene-d10	14.328	164	497695	20.000	ng	-0.02
64) Phenanthrene-d10	17.134	188	979666	20.000	ng	#-0.01
76) Chrysene-d12	21.575	240	1019336	20.000	ng	#-0.02
86) Perylene-d12	24.898	264	1024841	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1467895	138.559	ng	-0.02
7) Phenol-d6	6.899	99	1846598	127.298	ng	-0.01
23) Nitrobenzene-d5	8.852	82	1130867	88.031	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	1208690	175.532	ng	-0.01
45) 2-Fluorobiphenyl	12.946	172	2961395	91.104	ng	-0.02
79) Terphenyl-d14	19.857	244	5174977	102.330	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.276	88	155062	34.604	ng	# 92
3) Pyridine	3.664	79	392229	33.148	ng	# 89
4) n-Nitrosodimethylamine	3.581	42	197341	50.253	ng	# 71
6) Aniline	7.046	93	584331	45.078	ng	98
8) 2-Chlorophenol	7.281	128	569451	48.144	ng	98
9) Benzaldehyde	6.858	77	215548	30.039	ng	99
10) Phenol	6.922	94	668130	45.914	ng	89
11) bis(2-Chloroethyl)ether	7.134	93	472724	40.319	ng	99
12) 1,3-Dichlorobenzene	7.593	146	571193	44.856	ng	99
13) 1,4-Dichlorobenzene	7.740	146	577199	44.675	ng	99
14) 1,2-Dichlorobenzene	8.052	146	560913	44.960	ng	99
15) Benzyl Alcohol	7.946	79	465865	49.660	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.222	45	548968	43.318	ng	100
17) 2-Methylphenol	8.152	107	475468	50.508	ng	96
18) Hexachloroethane	8.769	117	218631	46.825	ng	95
19) n-Nitroso-di-n-propyla...	8.505	70	384521	42.847	ng	94
20) 3+4-Methylphenols	8.475	107	653624	50.041	ng	98
22) Acetophenone	8.516	105	794605	43.828	ng	# 96
24) Nitrobenzene	8.893	77	562229	44.241	ng	98
25) Isophorone	9.416	82	1102296	47.405	ng	97
26) 2-Nitrophenol	9.599	139	315406	50.716	ng	# 93
27) 2,4-Dimethylphenol	9.663	122	552984	70.815	ng	97
28) bis(2-Chloroethoxy)met...	9.893	93	675879	43.027	ng	99
29) 2,4-Dichlorophenol	10.134	162	561902	52.774	ng	99
30) 1,2,4-Trichlorobenzene	10.340	180	536581	47.036	ng	100
31) Naphthalene	10.522	128	1677067	43.463	ng	99
32) Benzoic acid	9.846	122	374414	41.149	ng	99
33) 4-Chloroaniline	10.646	127	356521	26.237	ng	99
34) Hexachlorobutadiene	10.805	225	344271	51.356	ng	99
35) Caprolactam	11.446	113	167702	42.687	ng	96
36) 4-Chloro-3-methylphenol	11.775	107	658827	53.124	ng	99
37) 2-Methylnaphthalene	12.134	142	1125224	42.049	ng	97
38) 1-Methylnaphthalene	12.357	142	1190789	45.487	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	641022	46.835	ng	98
41) Hexachlorocyclopentadiene	12.487	237	889691	183.797	ng	98
43) 2,4,6-Trichlorophenol	12.757	196	475847	52.293	ng	97

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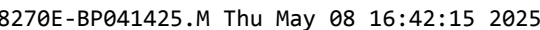
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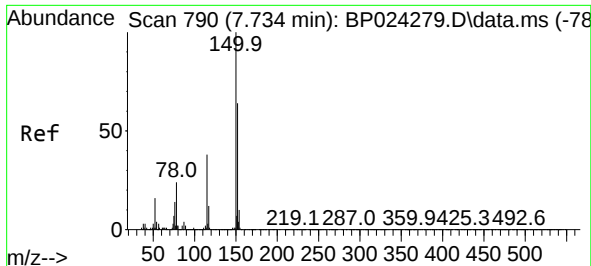
Quant Time: May 08 16:42:00 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	524586	52.059	ng	98
46) 1,1'-Biphenyl	13.157	154	1632780	44.632	ng	98
47) 2-Chloronaphthalene	13.199	162	1234859	45.164	ng	98
48) 2-Nitroaniline	13.410	65	402707	52.508	ng	94
49) Acenaphthylene	14.051	152	2132979	49.549	ng	99
50) Dimethylphthalate	13.793	163	1752656	48.425	ng	100
51) 2,6-Dinitrotoluene	13.910	165	383012	49.835	ng	91
52) Acenaphthene	14.398	154	1225957	44.922	ng	99
53) 3-Nitroaniline	14.251	138	318498	39.430	ng	99
54) 2,4-Dinitrophenol	14.463	184	493492	109.007	ng	91
55) Dibenzofuran	14.740	168	1968680	44.132	ng	96
56) 4-Nitrophenol	14.593	139	673353	96.520	ng	90
57) 2,4-Dinitrotoluene	14.710	165	569881	54.357	ng	98
58) Fluorene	15.393	166	1621926	46.967	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	470855	50.663	ng	99
60) Diethylphthalate	15.175	149	1770392	47.466	ng	100
61) 4-Chlorophenyl-phenyle...	15.393	204	813013	48.482	ng	98
62) 4-Nitroaniline	15.434	138	409802	47.924	ng	85
63) Azobenzene	15.693	77	1492279	43.531	ng	94
65) 4,6-Dinitro-2-methylph...	15.493	198	321014	51.974	ng	94
66) n-Nitrosodiphenylamine	15.616	169	1421507	48.614	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	570417	53.238	ng	98
68) Hexachlorobenzene	16.428	284	699484	54.940	ng	99
69) Atrazine	16.592	200	550524	73.922	ng	97
70) Pentachlorophenol	16.787	266	946297	106.541	ng	100
71) Phenanthrene	17.175	178	2499026	46.760	ng	100
72) Anthracene	17.269	178	2594917	50.379	ng	100
73) Carbazole	17.557	167	2428994	48.263	ng	99
74) Di-n-butylphthalate	18.139	149	3175548	50.645	ng	99
75) Fluoranthene	19.263	202	2999313	47.187	ng	96
77) Benzidine	19.463	184	1434382	111.012	ng	99
78) Pyrene	19.633	202	3062088	47.269	ng	99
80) Butylbenzylphthalate	20.586	149	1408621	50.767	ng	96
81) Benzo(a)anthracene	21.545	228	3060293	48.302	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	753351	33.877	ng	99
83) Chrysene	21.622	228	2811892	46.325	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	1999200	49.150	ng	100
85) Di-n-octyl phthalate	22.751	149	3196061	48.332	ng	100
87) Indeno(1,2,3-cd)pyrene	28.674	276	3290167	46.243	ng	# 96
88) Benzo(b)fluoranthene	23.845	252	2918757	47.514	ng	# 97
89) Benzo(k)fluoranthene	23.921	252	2931273	49.400	ng	# 97
90) Benzo(a)pyrene	24.751	252	2750615	51.909	ng	# 97
91) Dibenzo(a,h)anthracene	28.751	278	2694984	45.635	ng	97
92) Benzo(g,h,i)perylene	29.845	276	2599244	43.241	ng	# 94

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

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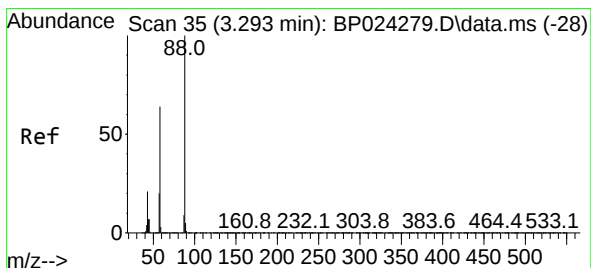
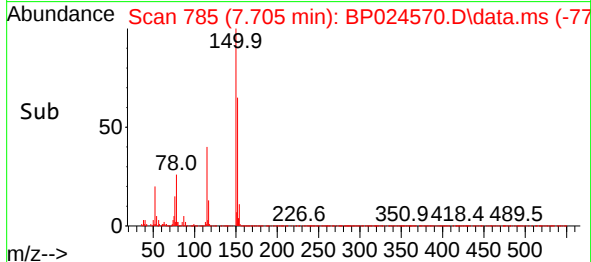
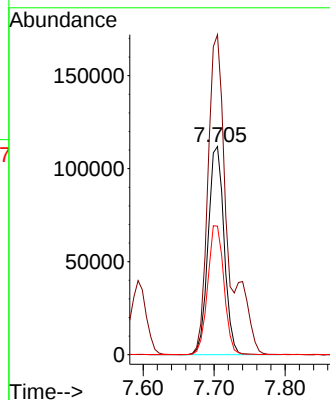
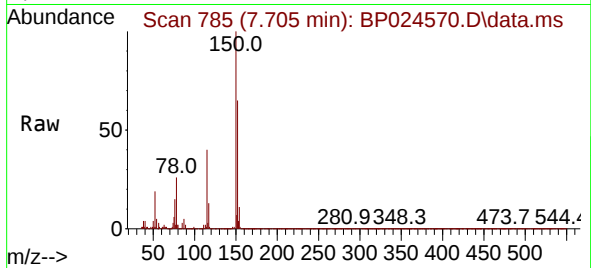




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024570.D
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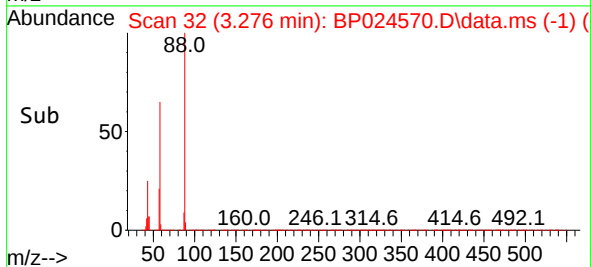
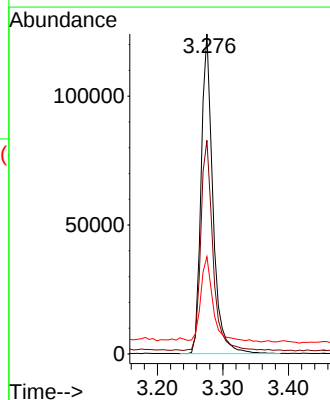
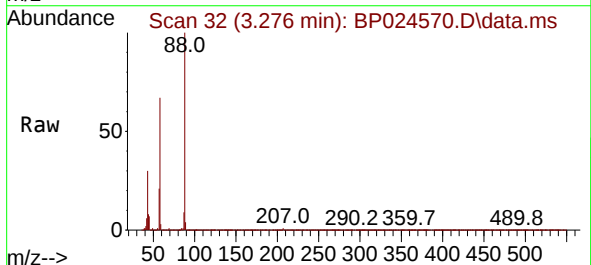
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PB167904BS

Tgt Ion:152 Resp: 175167
Ion Ratio Lower Upper
152 100
150 153.7 124.9 187.3
115 61.7 47.7 71.5



#2
1,4-Dioxane
Concen: 34.604 ng
RT: 3.276 min Scan# 32
Delta R.T. -0.012 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion: 88 Resp: 155062
Ion Ratio Lower Upper
88 100
58 68.7 51.4 77.2
43 28.3 17.1 25.7#

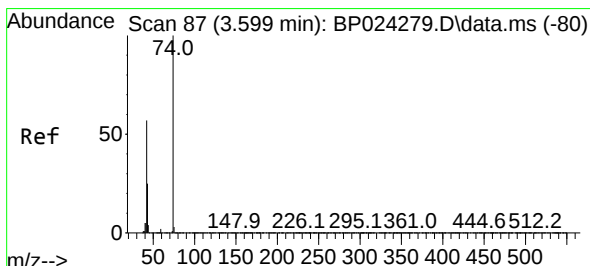
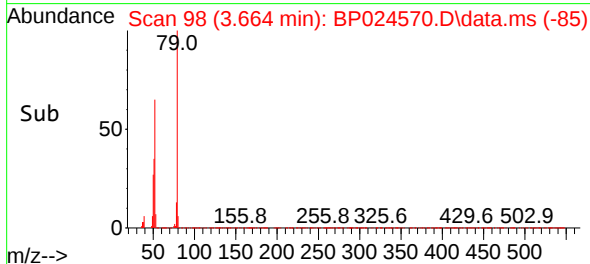
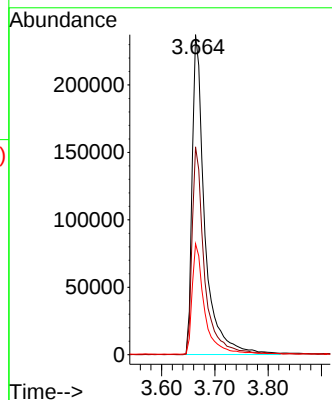
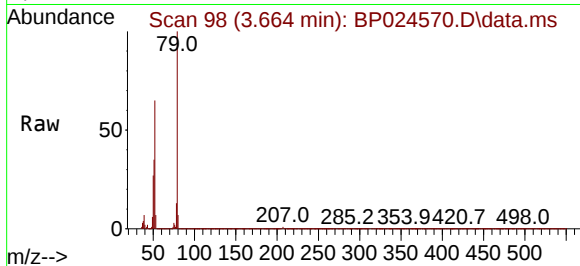




#3
 Pyridine
 Concen: 33.148 ng
 RT: 3.664 min Scan# 91
 Delta R.T. -0.023 min
 Lab File: BP024570.D
 Acq: 08 May 2025 16:07

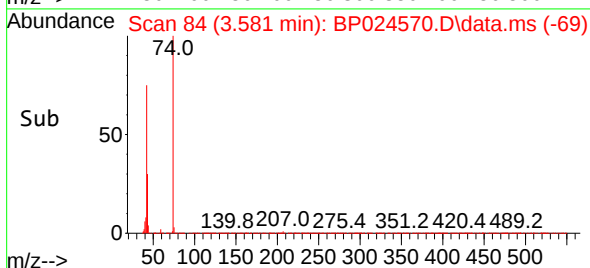
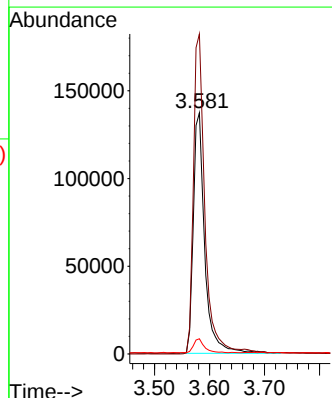
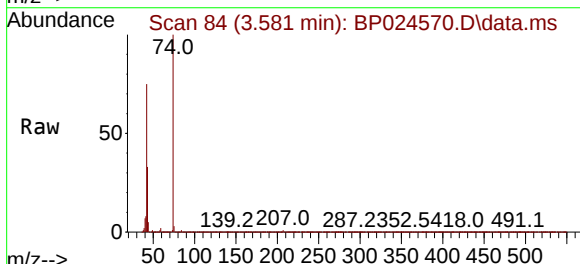
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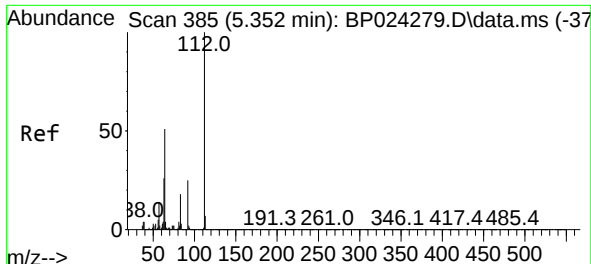
Tgt Ion: 79 Resp: 392229
 Ion Ratio Lower Upper
 79 100
 52 65.0 45.4 68.2
 51 34.6 22.6 33.8#



#4
 n-Nitrosodimethylamine
 Concen: 50.253 ng
 RT: 3.581 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BP024570.D
 Acq: 08 May 2025 16:07

Tgt Ion: 42 Resp: 197341
 Ion Ratio Lower Upper
 42 100
 74 132.7 139.5 209.3#
 44 6.3 5.8 8.8

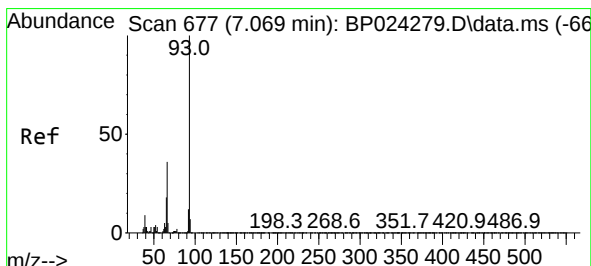
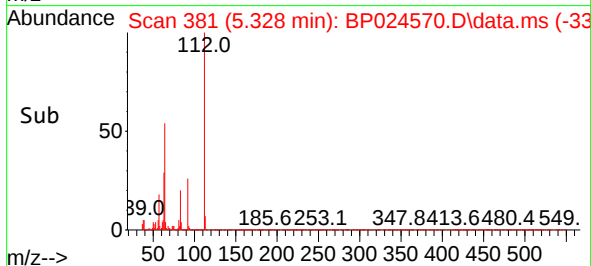
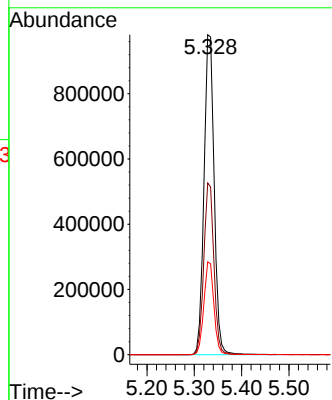
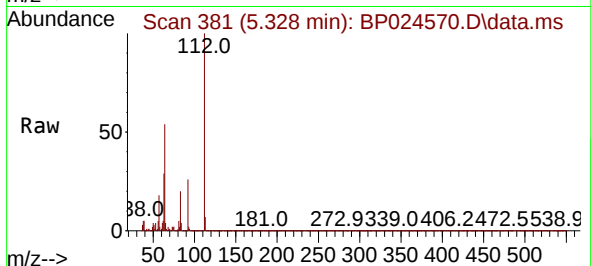




#5
2-Fluorophenol
Concen: 138.559 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

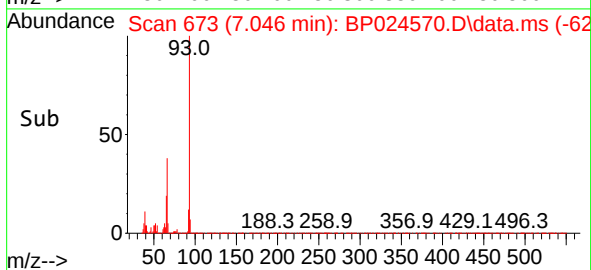
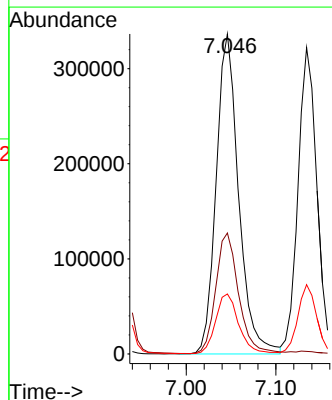
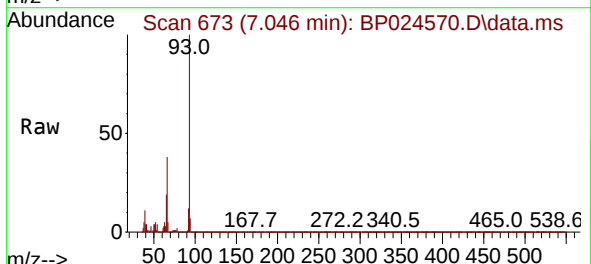
Instrument :
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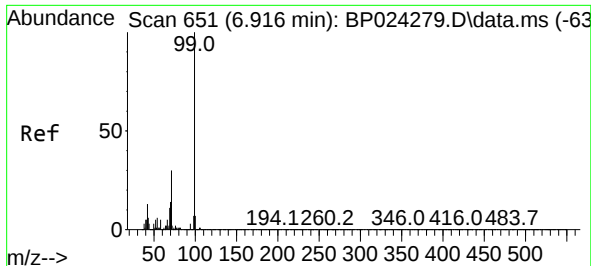
Tgt Ion:112 Resp: 1467895
Ion Ratio Lower Upper
112 100
64 53.7 41.1 61.7
63 29.0 20.6 30.8



#6
Aniline
Concen: 45.078 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

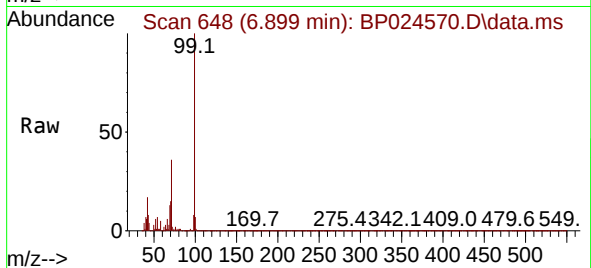
Tgt Ion: 93 Resp: 584331
Ion Ratio Lower Upper
93 100
66 37.8 29.1 43.7
65 18.7 14.7 22.1



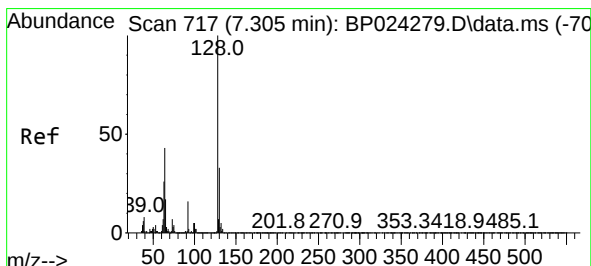
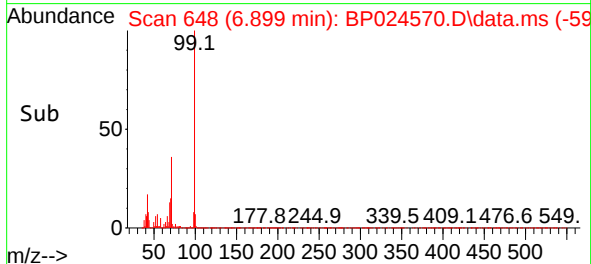
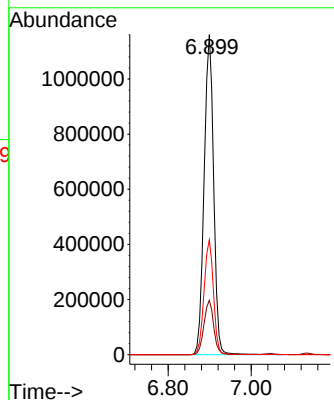


#7
Phenol-d6
Concen: 127.298 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Instrument :
BNA_P
ClientSampleId :
PB167904BS

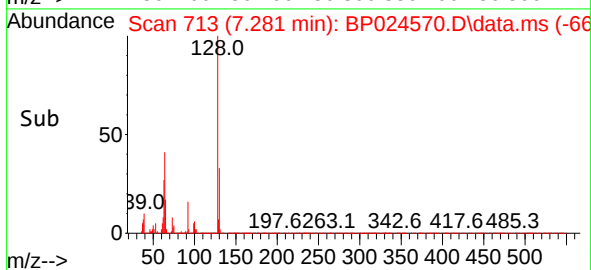
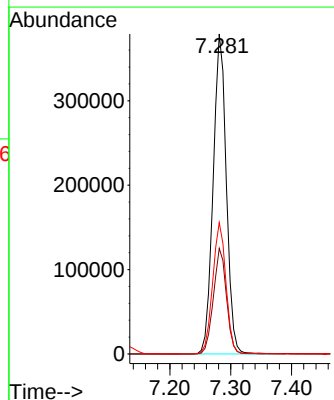
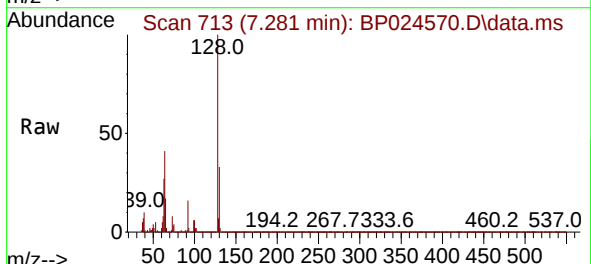


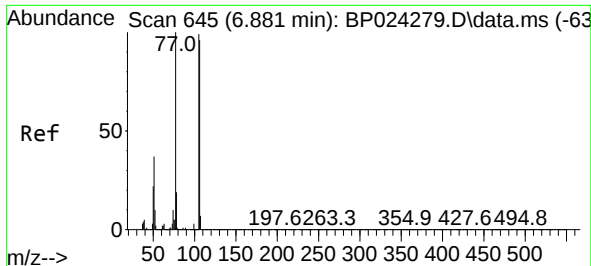
Tgt Ion: 99 Resp: 1846598
Ion Ratio Lower Upper
99 100
42 17.0 10.6 16.0#
71 35.9 23.7 35.5#



#8
2-Chlorophenol
Concen: 48.144 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion: 128 Resp: 569451
Ion Ratio Lower Upper
128 100
130 33.0 12.9 52.9
64 41.0 22.7 62.7

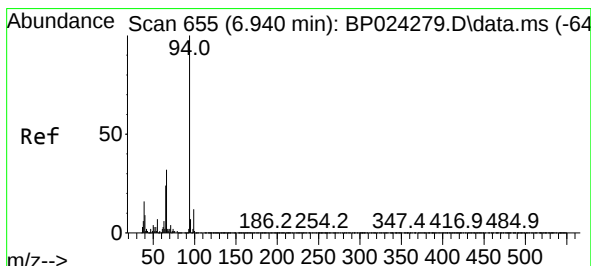
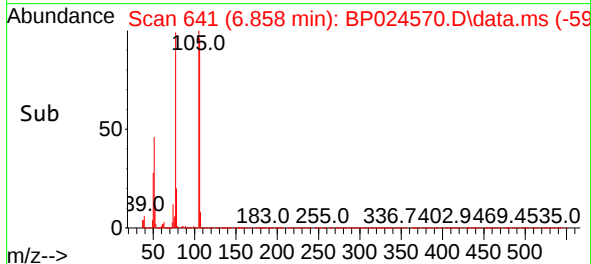
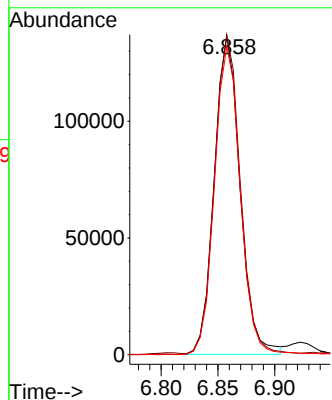
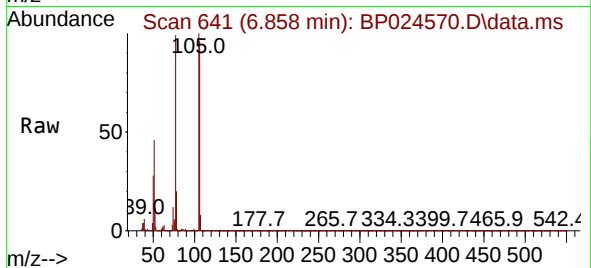




#9
Benzaldehyde
Concen: 30.039 ng
RT: 6.858 min Scan# 641
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

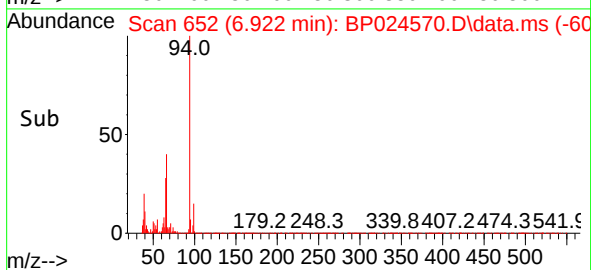
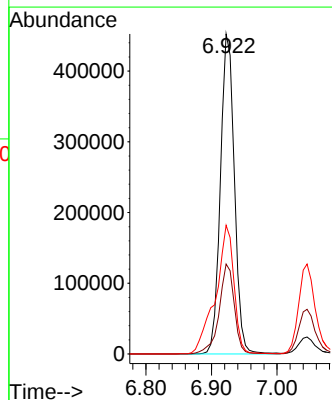
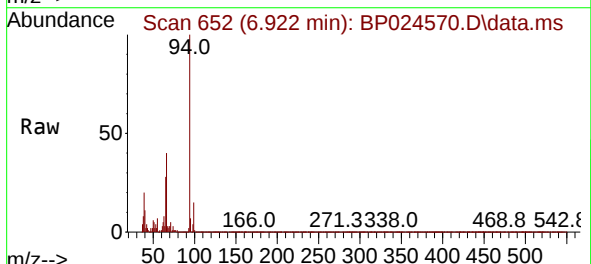
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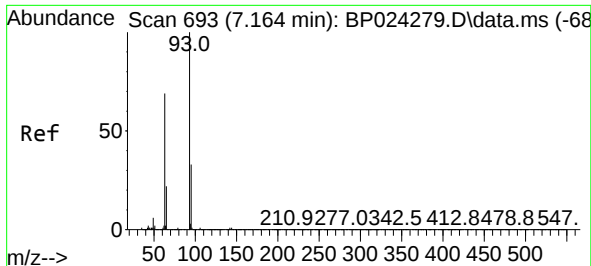
Tgt Ion: 77 Resp: 215548
Ion Ratio Lower Upper
77 100
105 100.7 79.2 119.2
106 96.9 76.2 116.2



#10
Phenol
Concen: 45.914 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion: 94 Resp: 668130
Ion Ratio Lower Upper
94 100
65 28.1 4.5 44.5
66 40.2 12.4 52.4

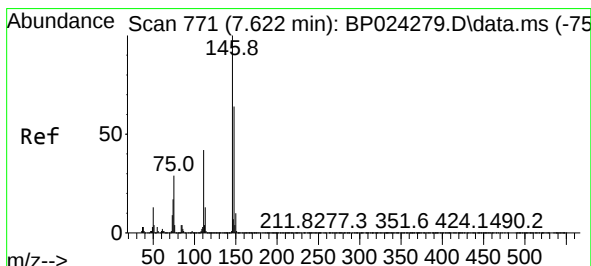
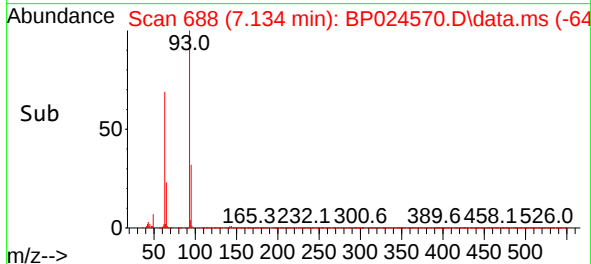
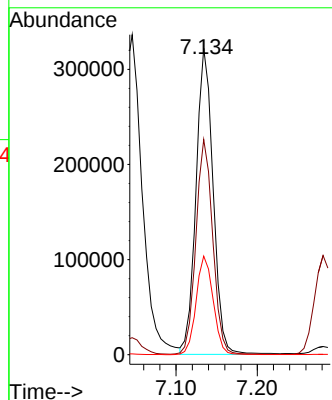
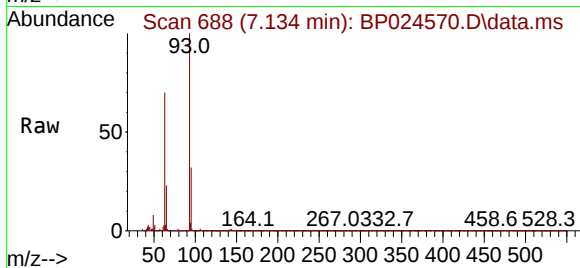




#11
bis(2-Chloroethyl)ether
Concen: 40.319 ng
RT: 7.134 min Scan# 611
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

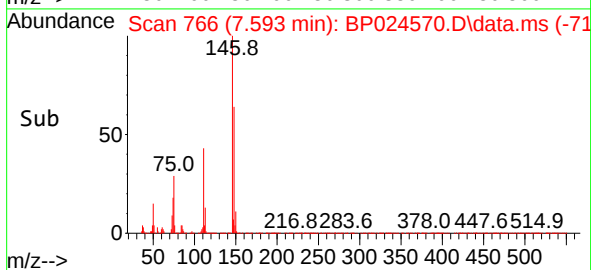
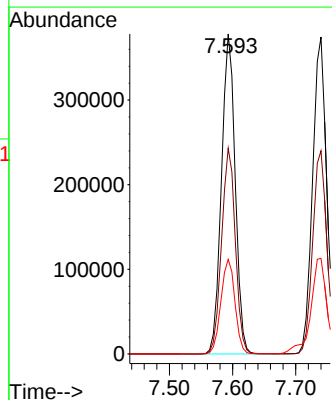
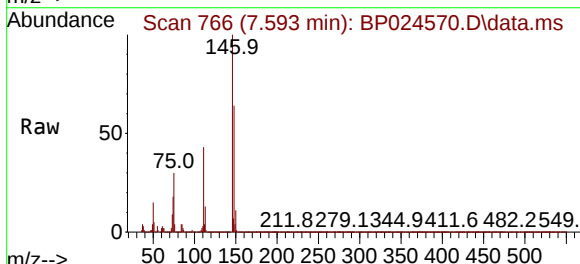
Instrument :
BNA_P
ClientSampleId :
PB167904BS

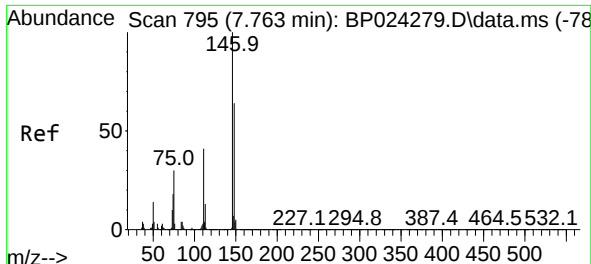
Tgt Ion: 93 Resp: 472724
Ion Ratio Lower Upper
93 100
63 70.2 48.6 88.6
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.856 ng
RT: 7.593 min Scan# 766
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion: 146 Resp: 571193
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
75 29.5 22.9 34.3

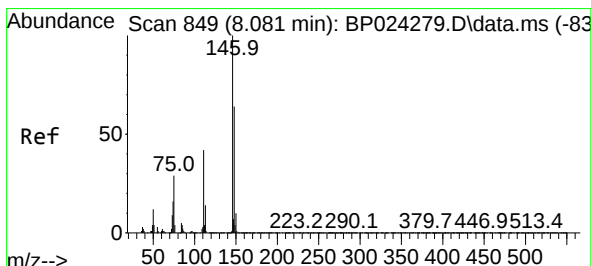
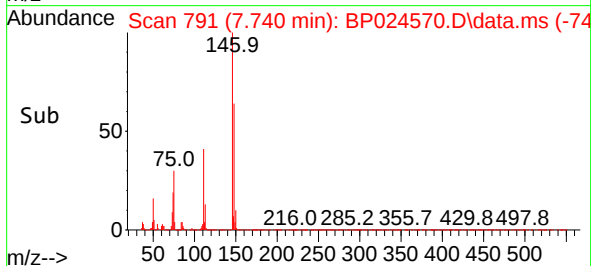
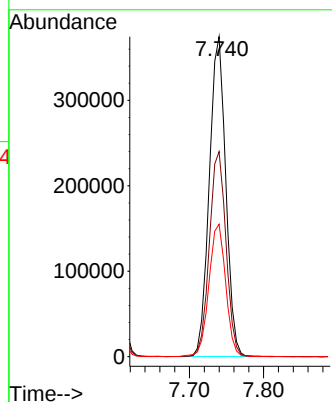
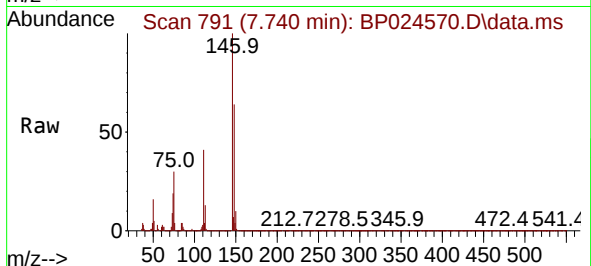




#13
1,4-Dichlorobenzene
Concen: 44.675 ng
RT: 7.740 min Scan# 795
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

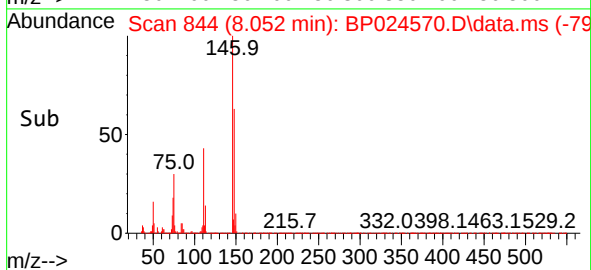
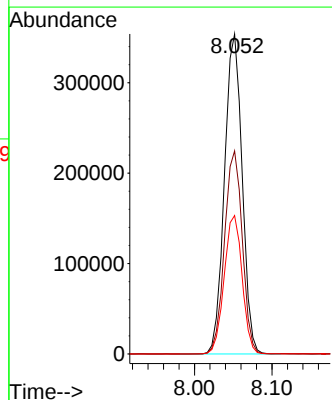
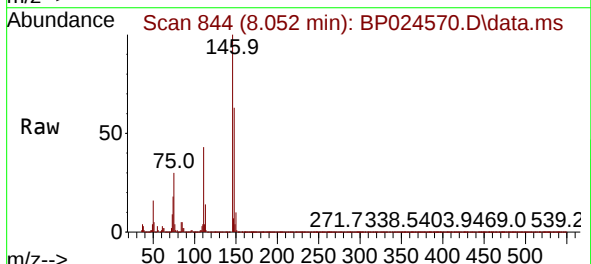
Instrument :
BNA_P
ClientSampleId :
PB167904BS

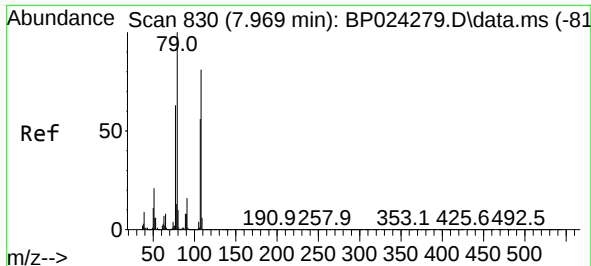
Tgt Ion:146 Resp: 577199
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
111 41.4 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 44.960 ng
RT: 8.052 min Scan# 844
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:146 Resp: 560913
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
111 43.3 33.8 50.8

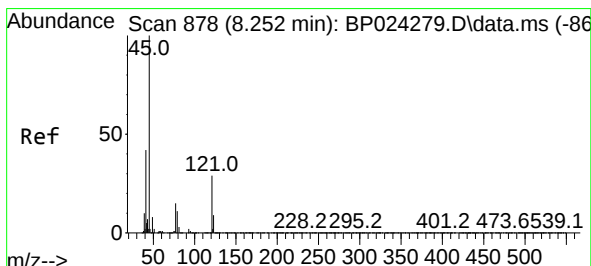
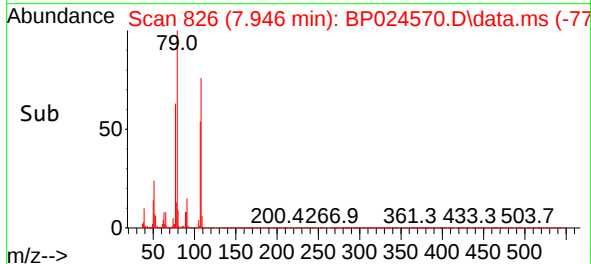
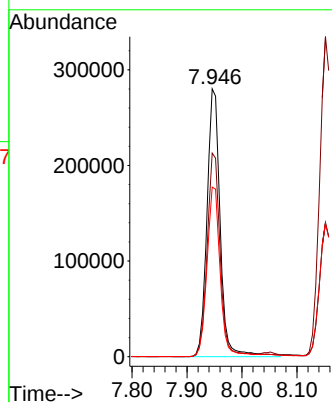
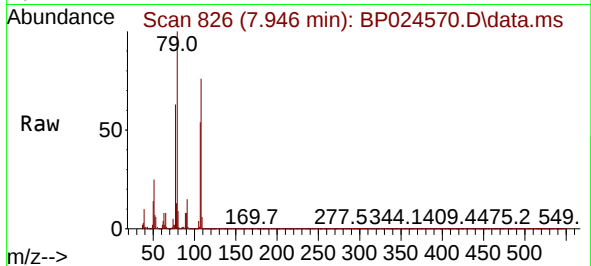




#15
Benzyl Alcohol
Concen: 49.660 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

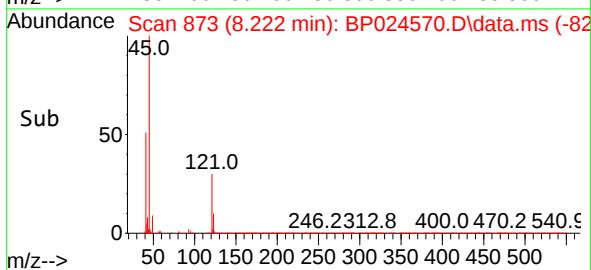
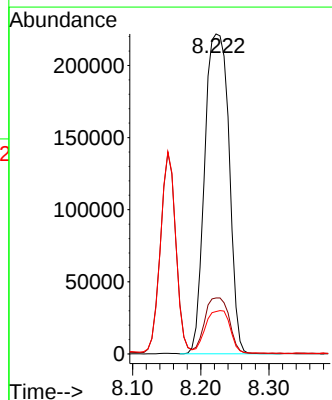
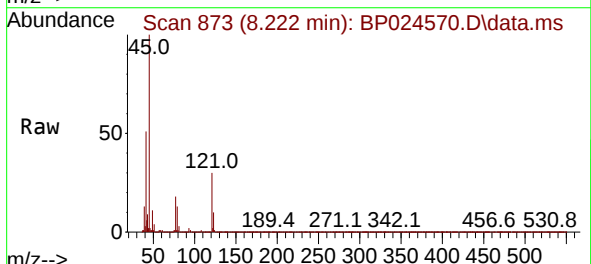
Instrument :
BNA_P
ClientSampleId :
PB167904BS

Tgt Ion: 79 Resp: 465865
Ion Ratio Lower Upper
79 100
108 76.0 65.1 97.7
77 63.3 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.318 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion: 45 Resp: 548968
Ion Ratio Lower Upper
45 100
77 17.5 0.0 37.7
79 13.3 0.0 33.5

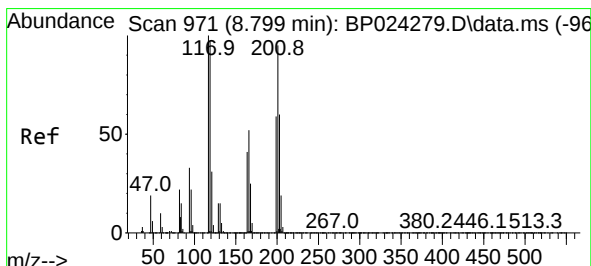
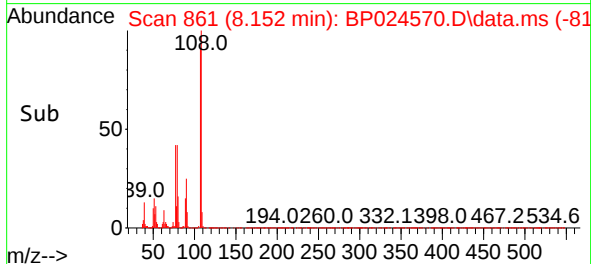
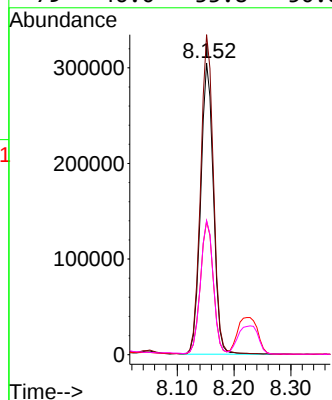
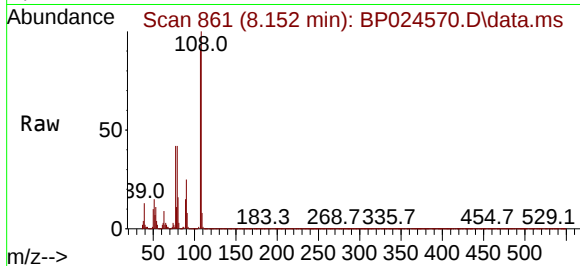




#17
2-Methylphenol
Concen: 50.508 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

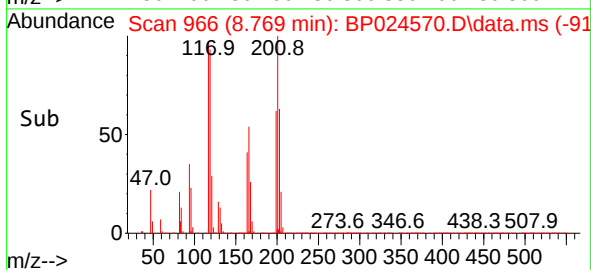
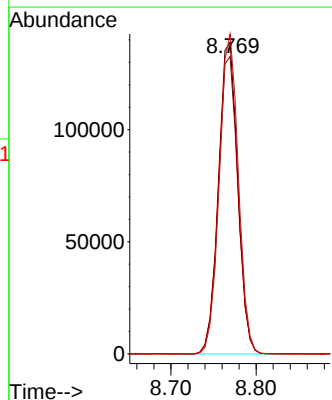
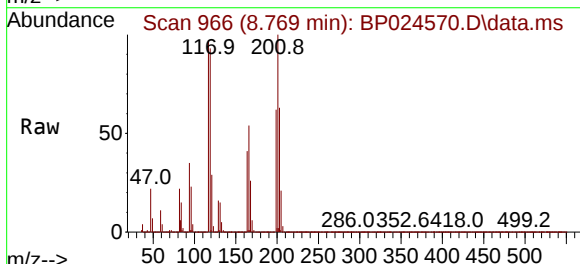
Instrument :
BNA_P
ClientSampleId :
PB167904BS

Tgt Ion:	107	Resp:	475468
Ion	Ratio	Lower	Upper
107	100		
108	109.7	89.8	134.6
77	45.8	34.2	51.4
79	46.0	33.8	50.8



#18
Hexachloroethane
Concen: 46.825 ng
RT: 8.769 min Scan# 966
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

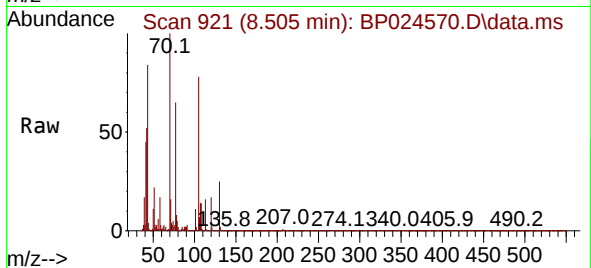
Tgt Ion:	117	Resp:	218631
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.8	116.6
201	102.7	75.9	113.9





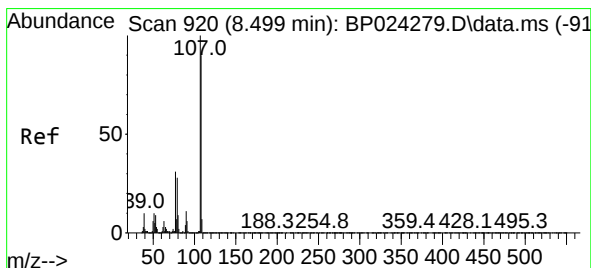
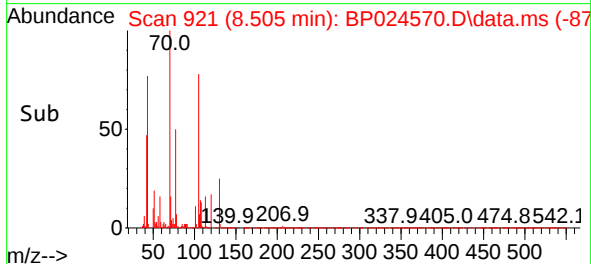
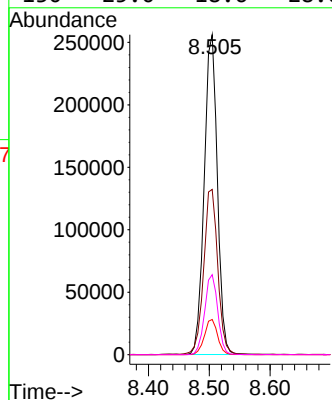
#19
n-Nitroso-di-n-propylamine
Concen: 42.847 ng
RT: 8.505 min Scan# 916
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Instrument :
BNA_P
ClientSampleId :
PB167904BS



Tgt Ion: 70 Resp: 384521

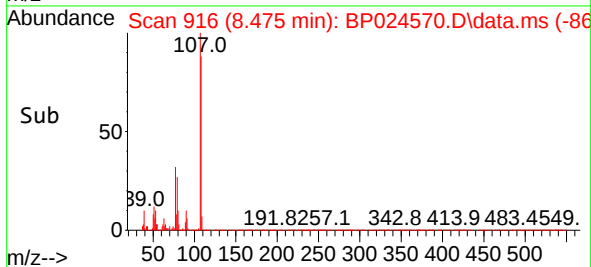
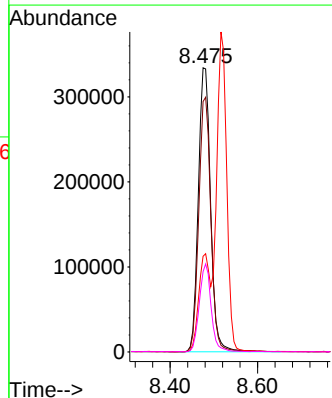
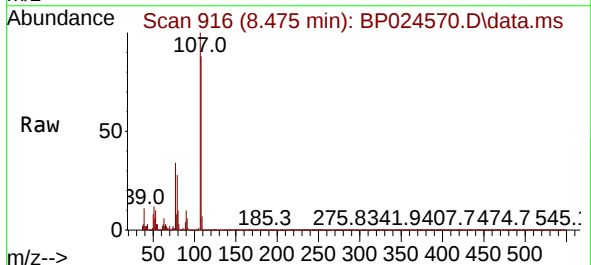
Ion	Ratio	Lower	Upper
70	100		
42	51.6	37.3	55.9
101	11.0	8.2	12.4
130	25.0	18.6	28.0

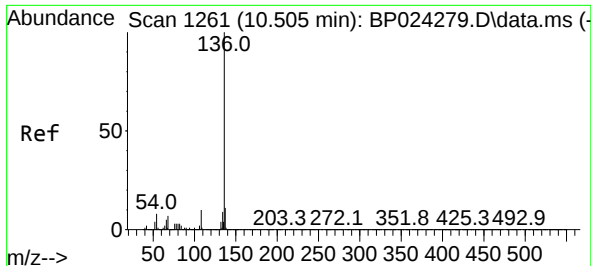


#20
3+4-Methylphenols
Concen: 50.041 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion: 107 Resp: 653624

Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.8	109.8
77	33.7	11.5	51.5
79	28.3	7.8	47.8

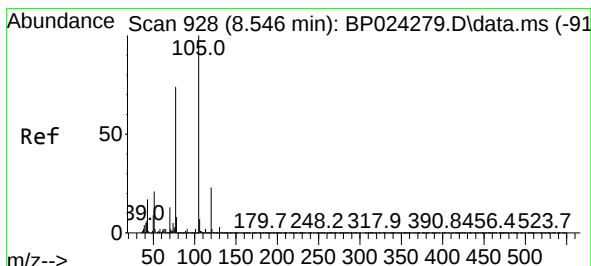
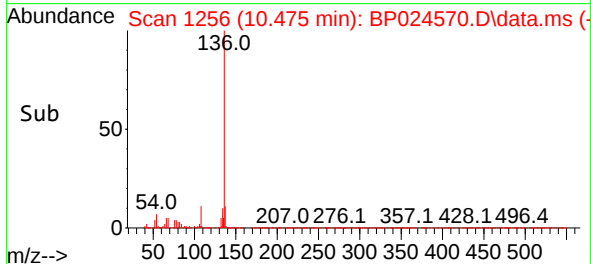
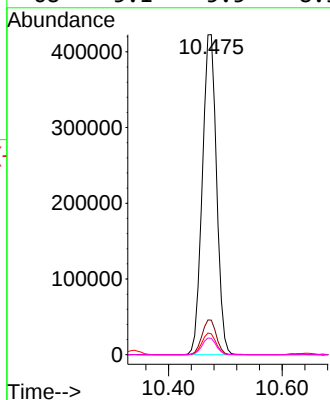
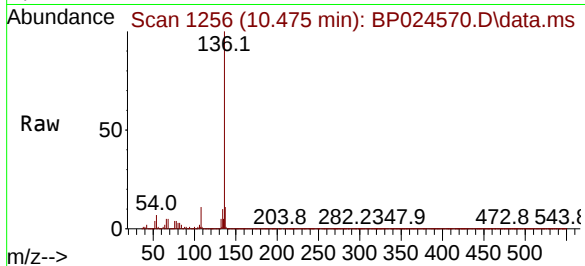




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

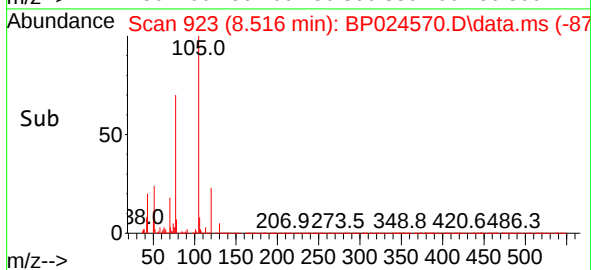
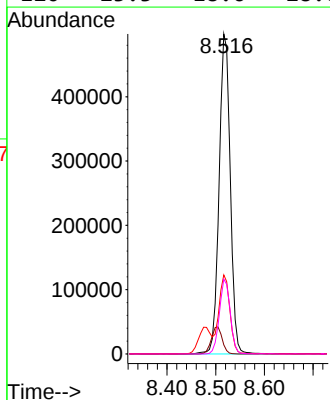
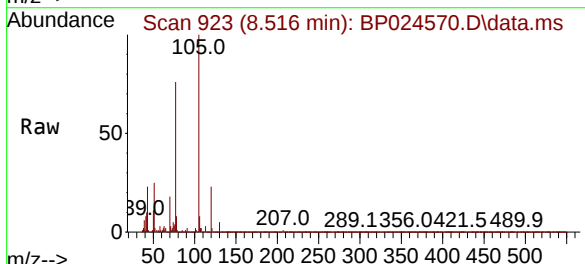
Instrument :
BNA_P
ClientSampleId :
PB167904BS

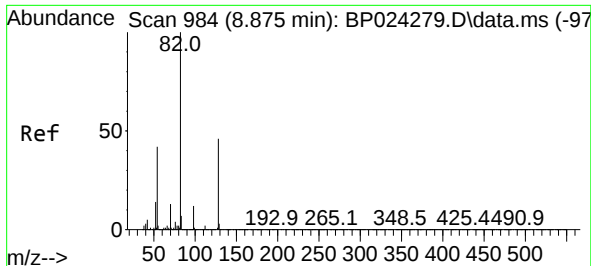
Tgt Ion:	136	Resp:	732511
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.5	6.0	9.0
68	5.1	5.5	8.3



#22
Acetophenone
Concen: 43.828 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:	105	Resp:	794605
Ion	Ratio	Lower	Upper
105	100		
71	2.9	1.7	2.5
51	24.7	16.9	25.3
120	23.3	18.6	28.0

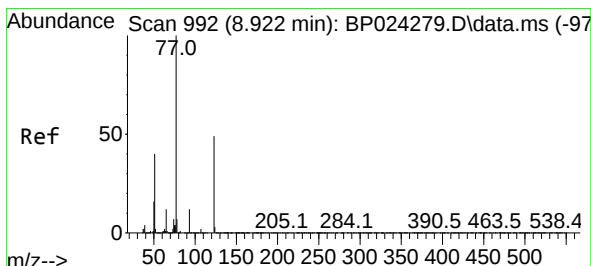
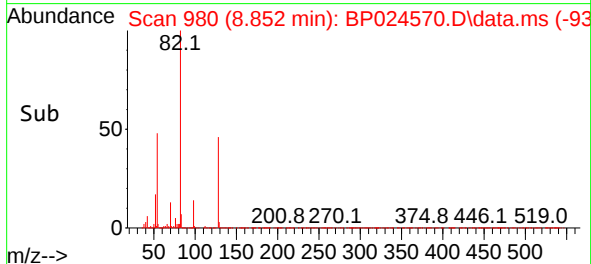
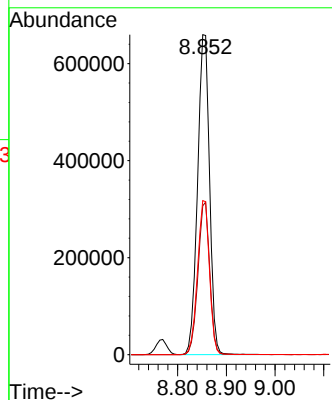
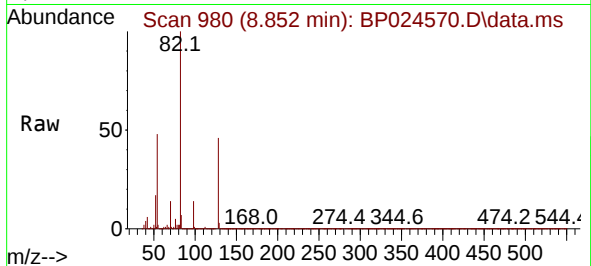




#23
 Nitrobenzene-d5
 Concen: 88.031 ng
 RT: 8.852 min Scan# 91
 Delta R.T. -0.017 min
 Lab File: BP024570.D
 Acq: 08 May 2025 16:07

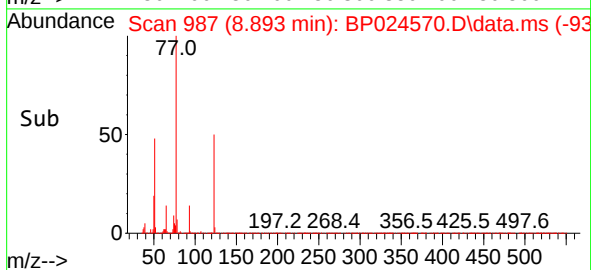
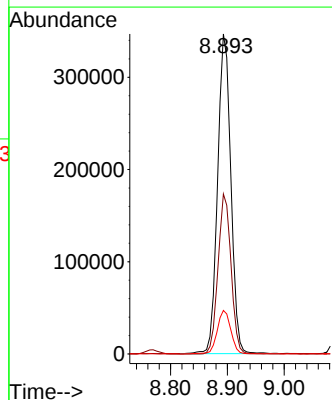
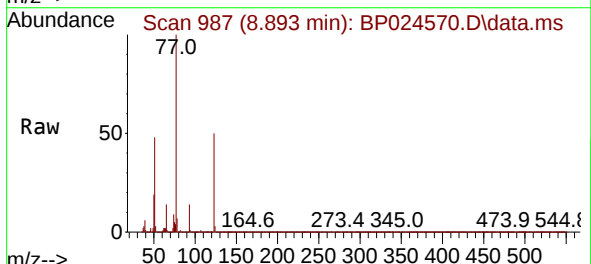
Instrument :
 BNA_P
 ClientSampleId :
 PB167904BS

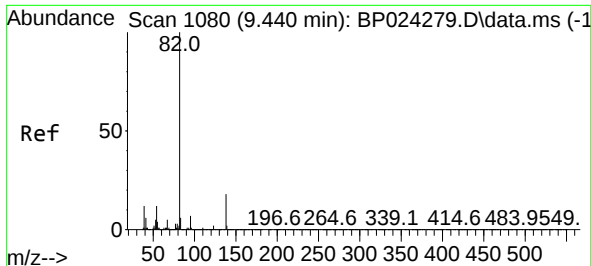
Tgt Ion: 82 Resp: 1130867
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.5 54.7
 54 48.2 33.4 50.2



#24
 Nitrobenzene
 Concen: 44.241 ng
 RT: 8.893 min Scan# 987
 Delta R.T. -0.017 min
 Lab File: BP024570.D
 Acq: 08 May 2025 16:07

Tgt Ion: 77 Resp: 562229
 Ion Ratio Lower Upper
 77 100
 123 50.0 39.2 58.8
 65 13.6 9.8 14.6

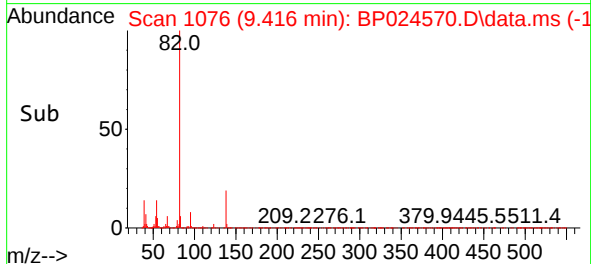
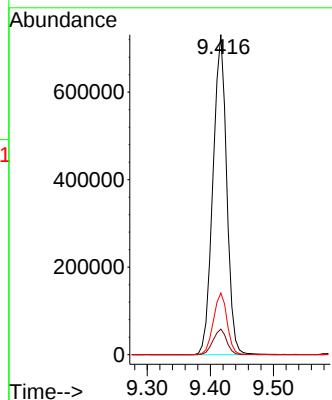
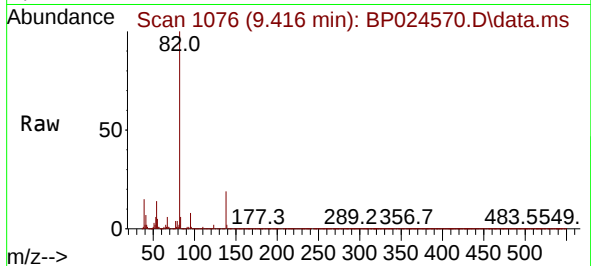




#25
Isophorone
Concen: 47.405 ng
RT: 9.416 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

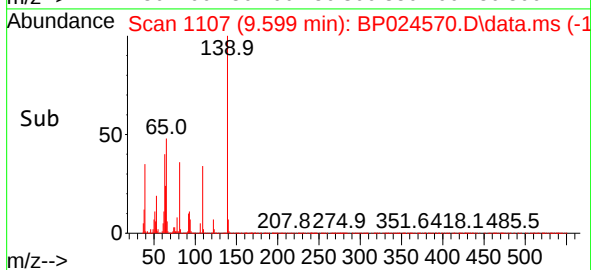
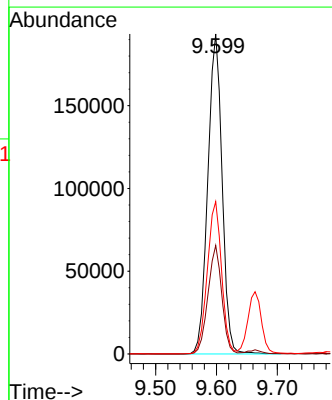
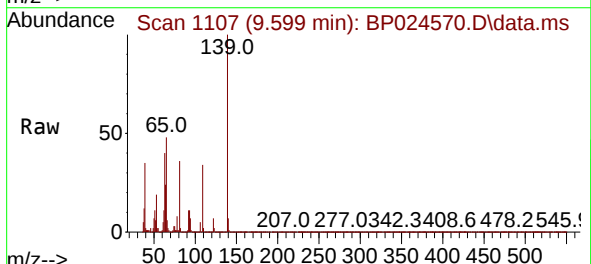
Instrument :
BNA_P
ClientSampleId :
PB167904BS

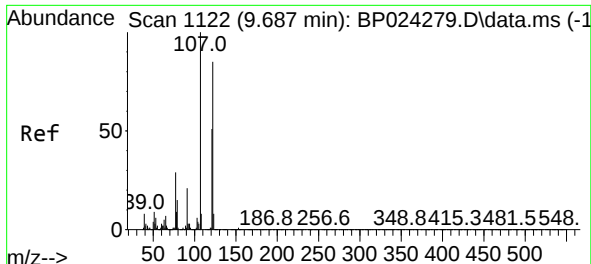
Tgt Ion: 82 Resp: 1102296
Ion Ratio Lower Upper
82 100
95 8.0 5.4 8.2
138 19.3 14.4 21.6



#26
2-Nitrophenol
Concen: 50.716 ng
RT: 9.599 min Scan# 1107
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion: 139 Resp: 315406
Ion Ratio Lower Upper
139 100
109 33.9 21.8 32.6#
65 47.6 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 70.815 ng

RT: 9.663 min Scan# 1118

Delta R.T. -0.017 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

Instrument :

BNA_P

ClientSampleId :

PB167904BS

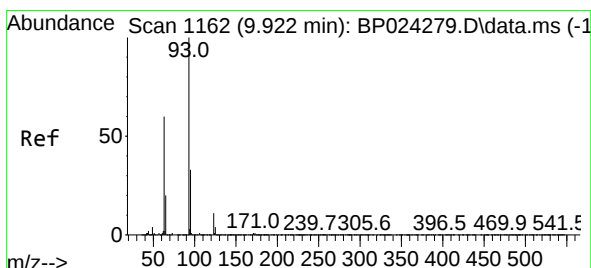
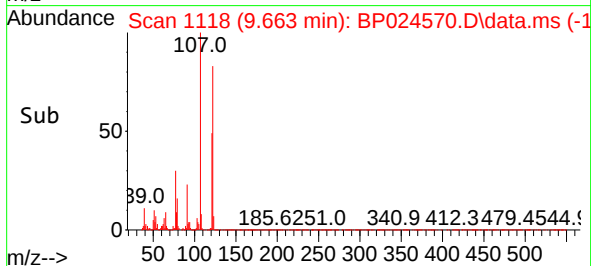
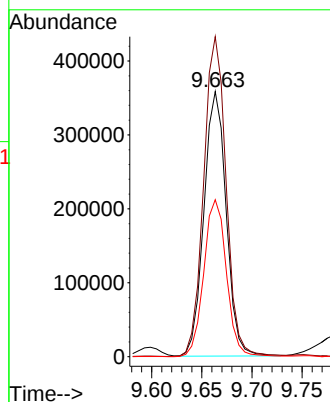
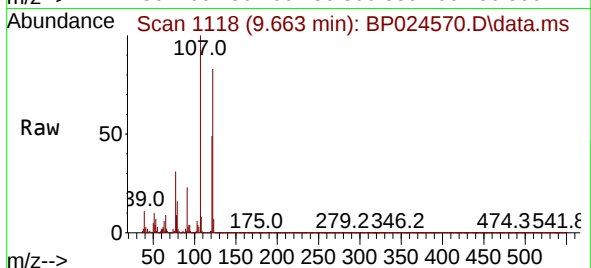
Tgt Ion:122 Resp: 552984

Ion Ratio Lower Upper

122 100

107 120.7 93.7 140.5

121 59.2 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 43.027 ng

RT: 9.893 min Scan# 1157

Delta R.T. -0.017 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

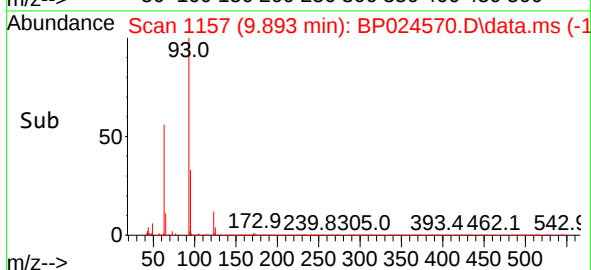
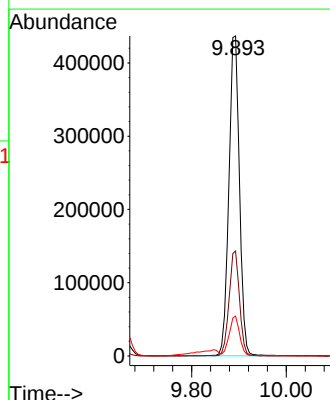
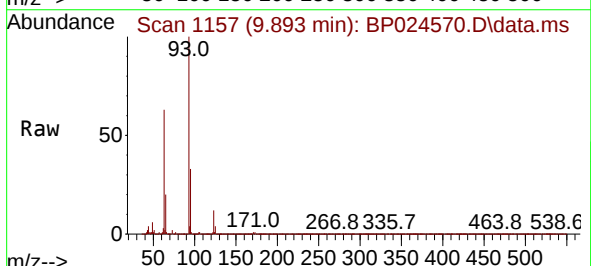
Tgt Ion: 93 Resp: 675879

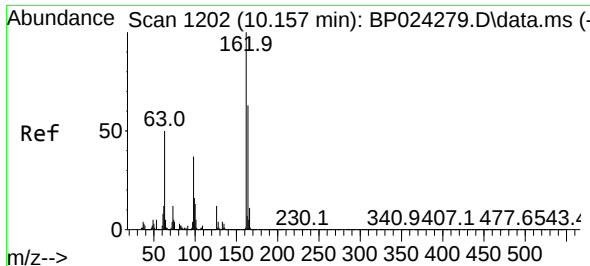
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 12.5 9.1 13.7

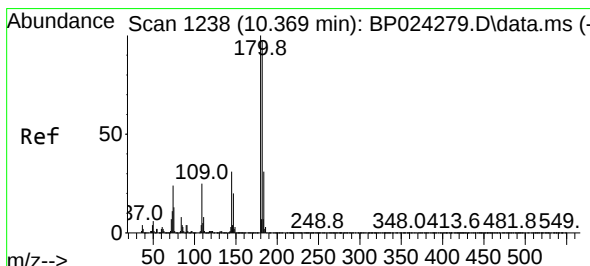
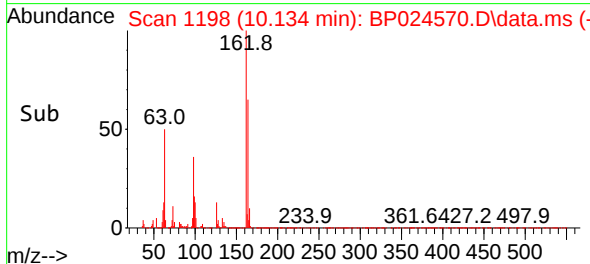
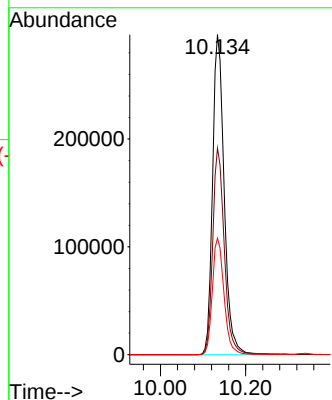
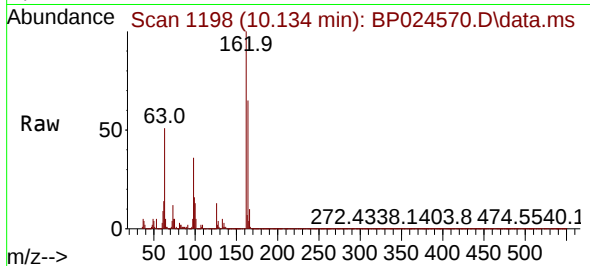




#29
2,4-Dichlorophenol
Concen: 52.774 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

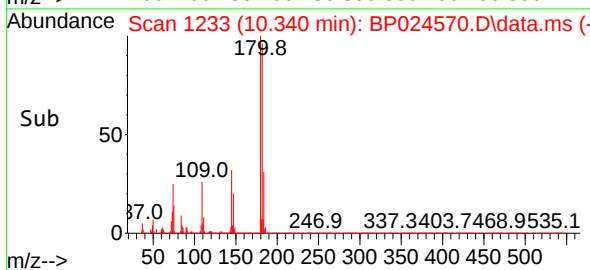
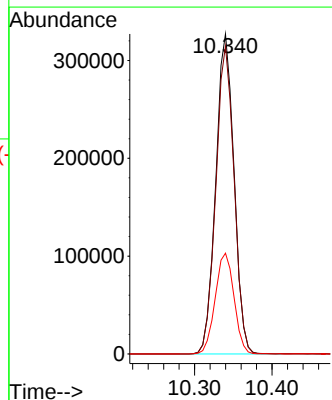
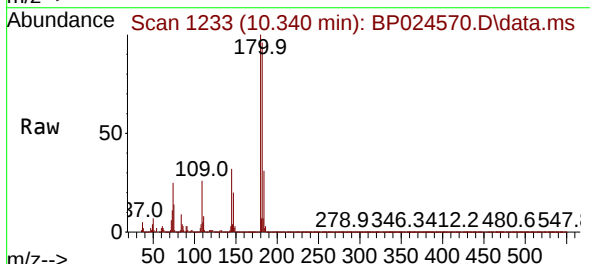
Instrument :
BNA_P
ClientSampleId :
PB167904BS

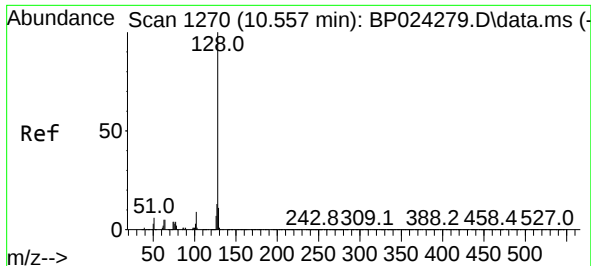
Tgt Ion:162 Resp: 561902
Ion Ratio Lower Upper
162 100
164 64.6 43.3 83.3
98 36.4 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 47.036 ng
RT: 10.340 min Scan# 1233
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:180 Resp: 536581
Ion Ratio Lower Upper
180 100
182 96.3 77.3 115.9
145 31.5 25.1 37.7

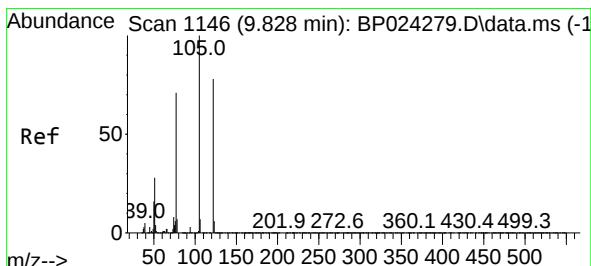
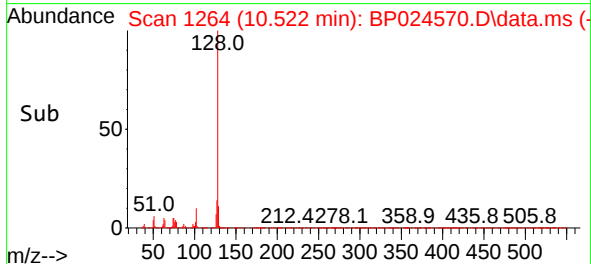
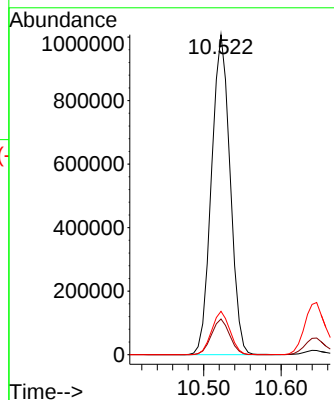
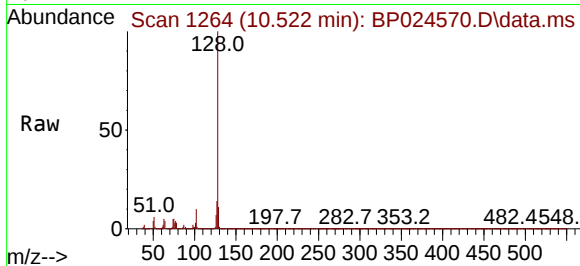




#31
Naphthalene
Concen: 43.463 ng
RT: 10.522 min Scan# 111
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

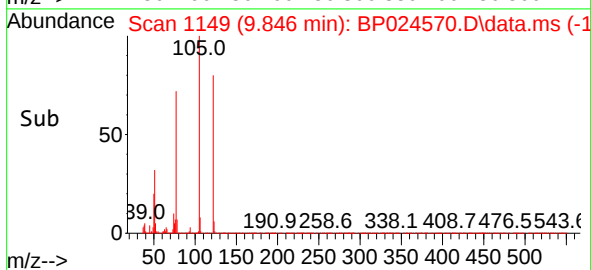
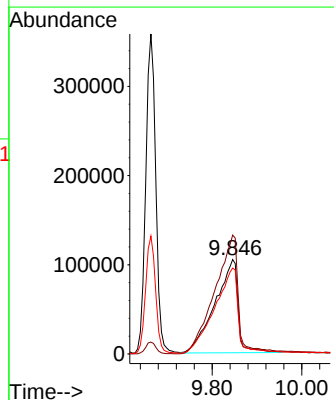
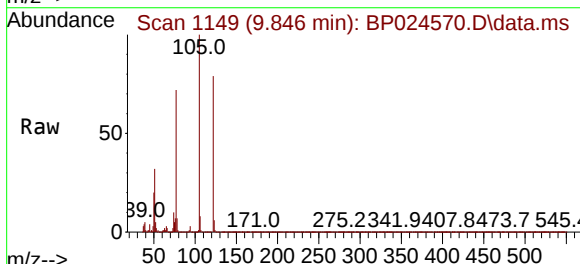
Instrument :
BNA_P
ClientSampleId :
PB167904BS

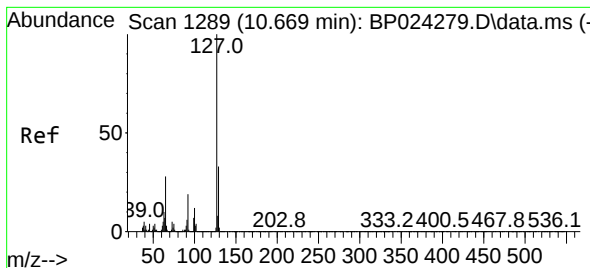
Tgt Ion:128 Resp: 1677067
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.6 10.3 15.5



#32
Benzoic acid
Concen: 41.149 ng
RT: 9.846 min Scan# 1149
Delta R.T. 0.024 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:122 Resp: 374414
Ion Ratio Lower Upper
122 100
105 125.8 104.8 144.8
77 91.0 69.2 109.2





#33

4-Chloroaniline

Concen: 26.237 ng

RT: 10.646 min Scan# 11

Delta R.T. -0.017 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

Instrument :

BNA_P

ClientSampleId :

PB167904BS

Tgt Ion:127 Resp: 356521

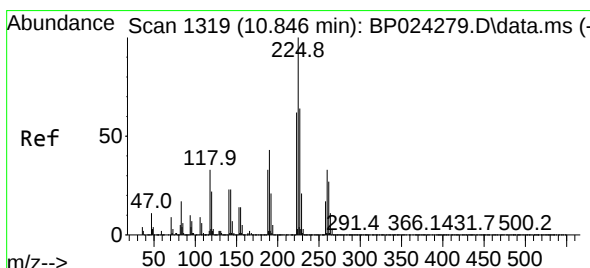
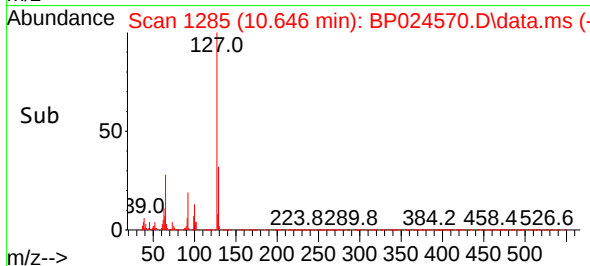
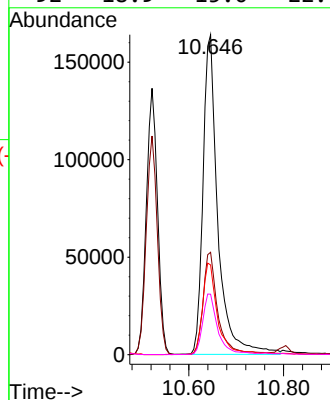
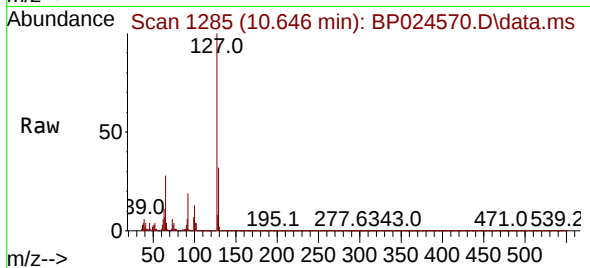
Ion Ratio Lower Upper

127 100

129 32.0 26.1 39.1

65 28.1 22.1 33.1

92 18.9 15.0 22.4



#34

Hexachlorobutadiene

Concen: 51.356 ng

RT: 10.805 min Scan# 1312

Delta R.T. -0.023 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

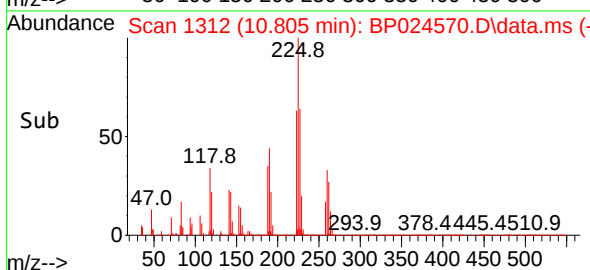
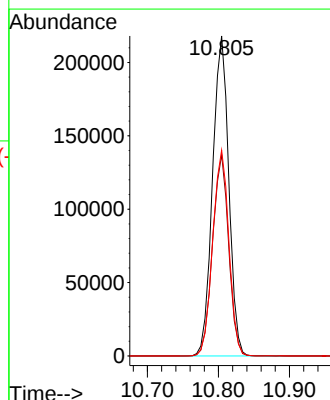
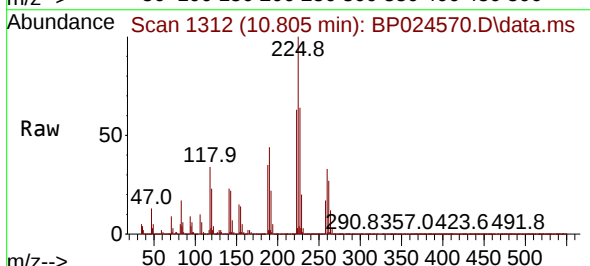
Tgt Ion:225 Resp: 344271

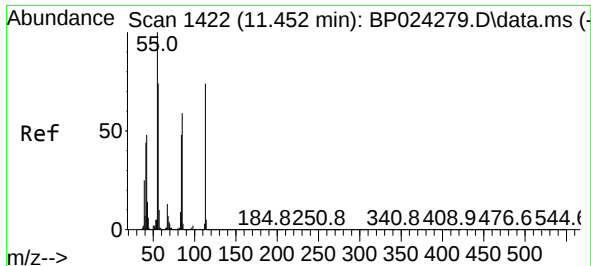
Ion Ratio Lower Upper

225 100

223 62.8 49.5 74.3

227 64.3 50.9 76.3

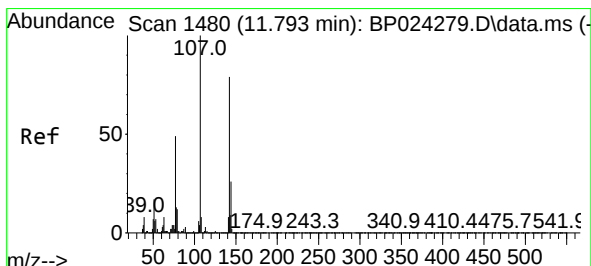
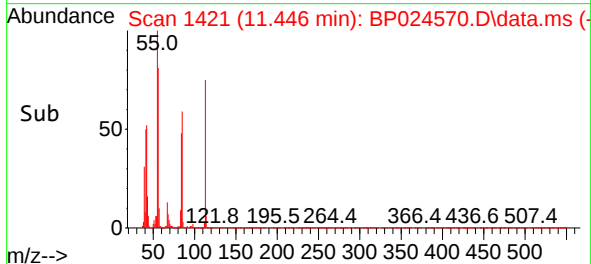
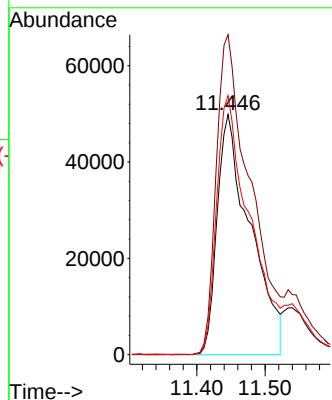
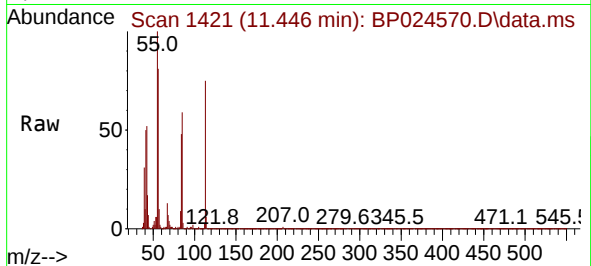




#35
Caprolactam
Concen: 42.687 ng
RT: 11.446 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

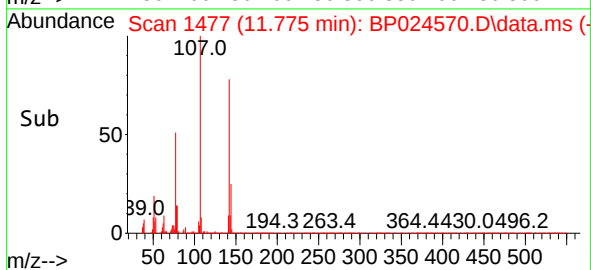
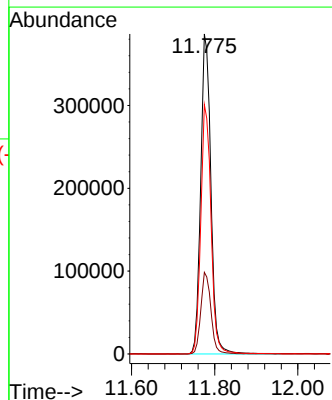
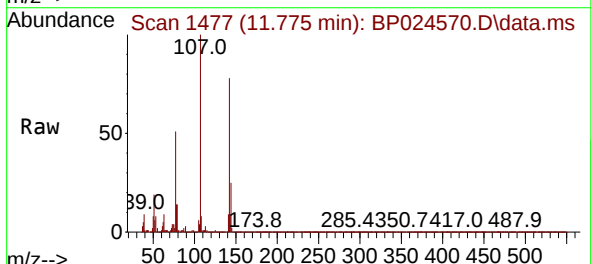
Instrument :
BNA_P
ClientSampleId :
PB167904BS

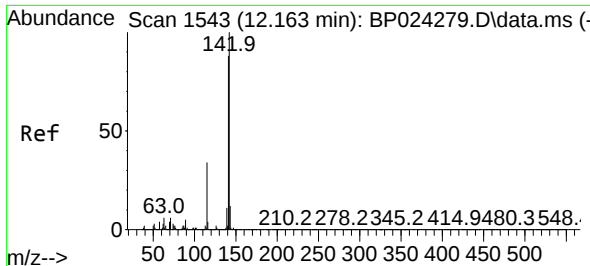
Tgt Ion:113 Resp: 167702
Ion Ratio Lower Upper
113 100
55 133.2 115.9 155.9
56 107.8 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 53.124 ng
RT: 11.775 min Scan# 1477
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:107 Resp: 658827
Ion Ratio Lower Upper
107 100
144 25.5 20.5 30.7
142 77.9 63.4 95.2

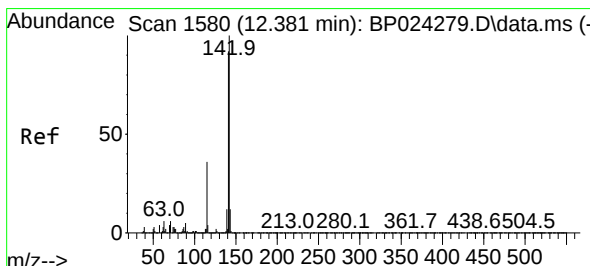
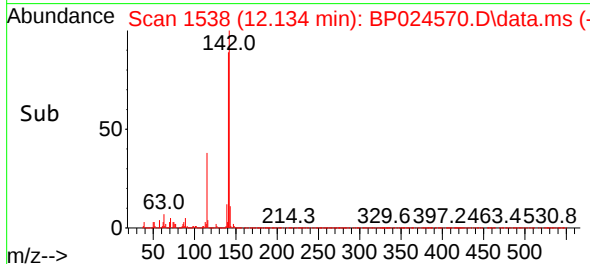
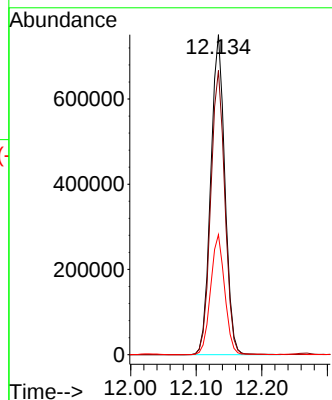
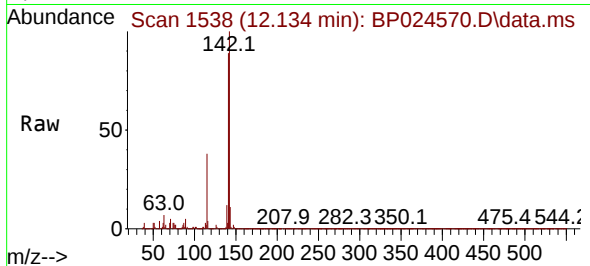




#37
2-Methylnaphthalene
Concen: 42.049 ng
RT: 12.134 min Scan# 1538
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

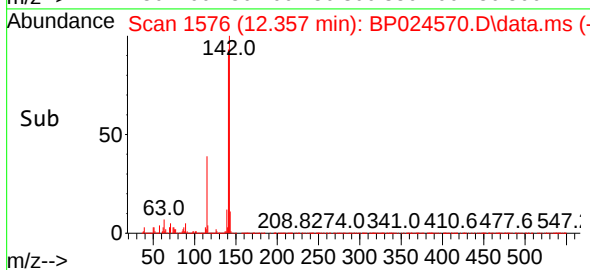
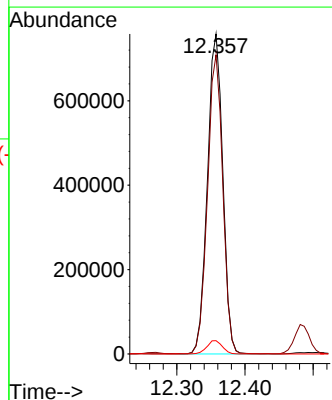
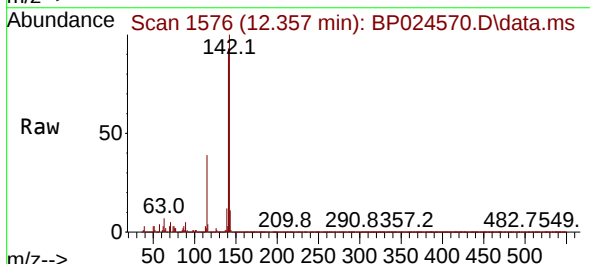
Instrument :
BNA_P
ClientSampleId :
PB167904BS

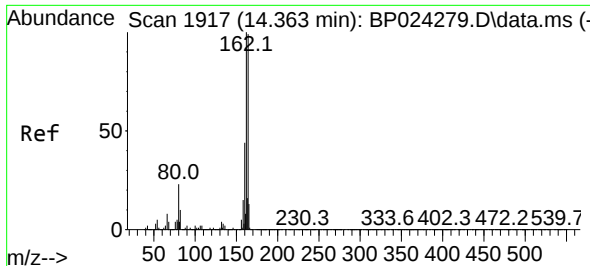
Tgt Ion:142 Resp: 1125224
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5
115 37.5 26.9 40.3



#38
1-Methylnaphthalene
Concen: 45.487 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:142 Resp: 1190789
Ion Ratio Lower Upper
142 100
141 93.5 73.6 110.4
116 4.1 3.0 4.6

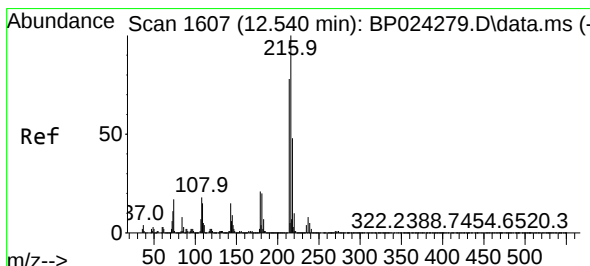
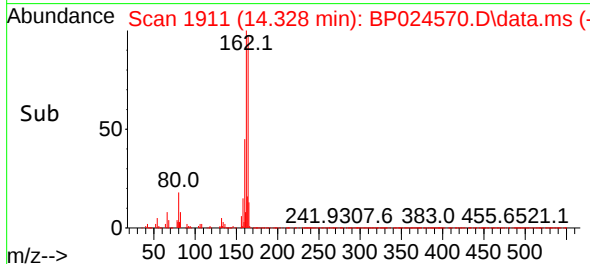
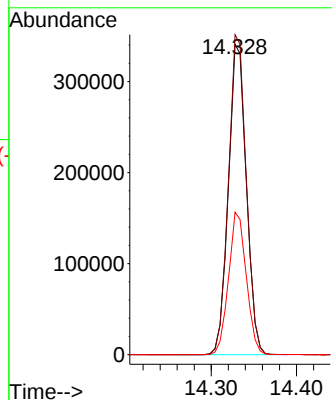
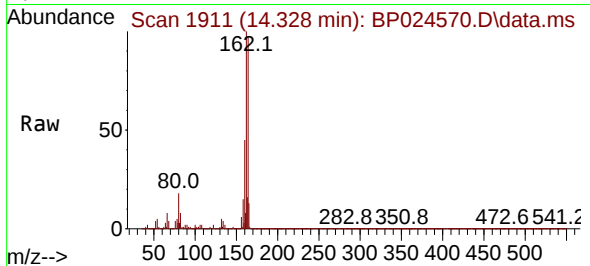




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

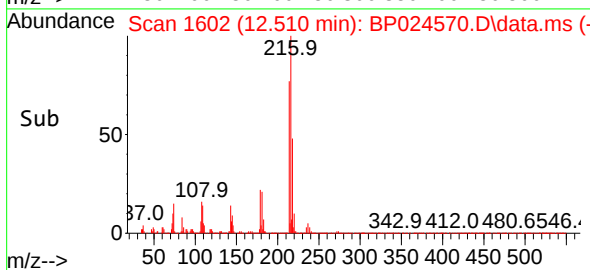
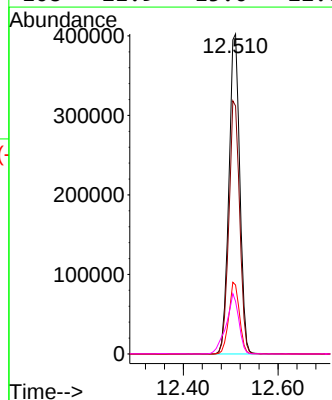
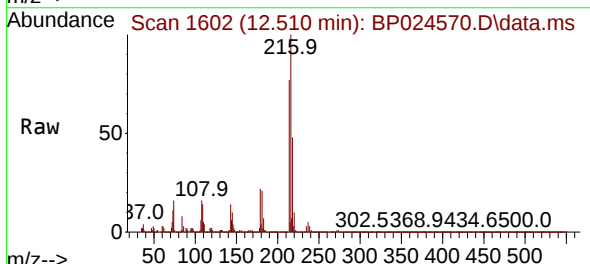
Instrument :
BNA_P
ClientSampleId :
PB167904BS

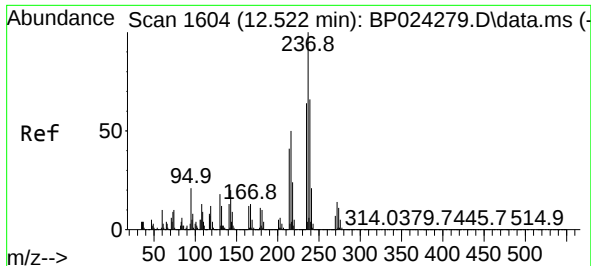
Tgt Ion:164 Resp: 497695
Ion Ratio Lower Upper
164 100
162 103.1 80.6 120.8
160 45.9 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.835 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:216 Resp: 641022
Ion Ratio Lower Upper
216 100
214 78.6 62.6 93.8
179 22.0 17.2 25.8
108 21.9 15.0 22.6

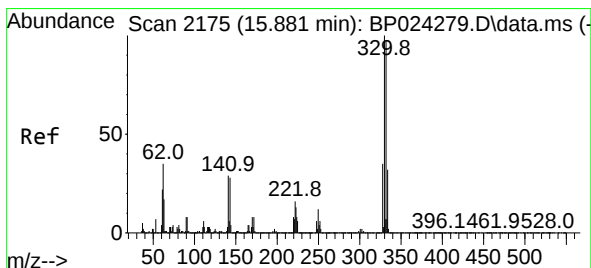
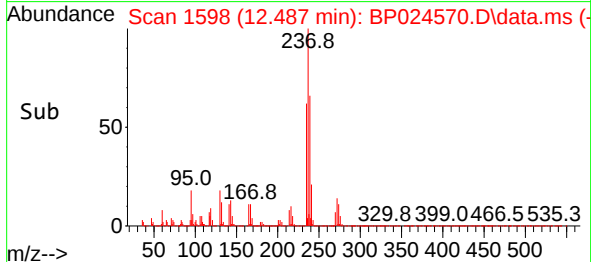
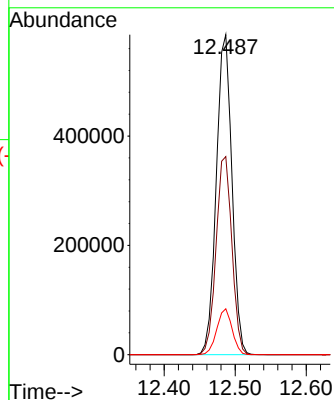
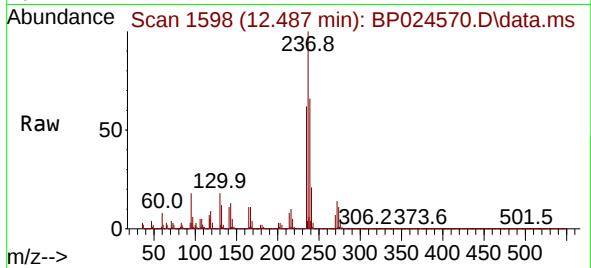




#41
Hexachlorocyclopentadiene
Concen: 183.797 ng
RT: 12.487 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

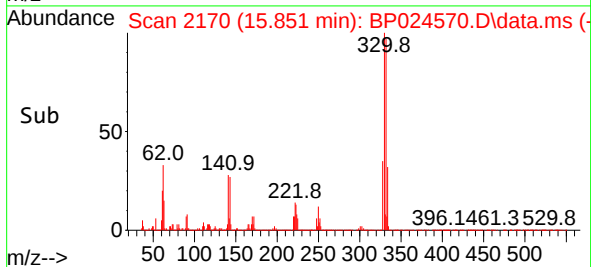
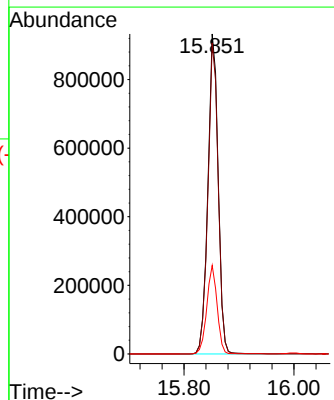
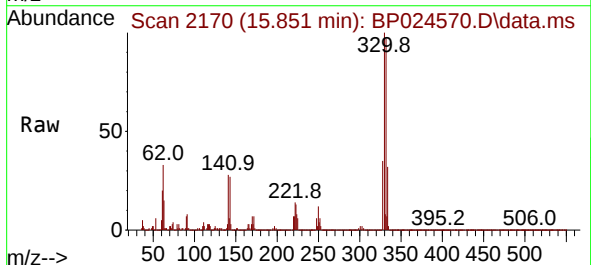
Instrument :
BNA_P
ClientSampleId :
PB167904BS

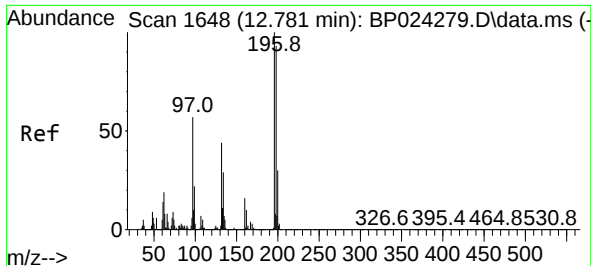
Tgt Ion:237 Resp: 889691
Ion Ratio Lower Upper
237 100
235 61.9 43.9 83.9
272 14.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 175.532 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:330 Resp: 1208690
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 27.8 24.7 37.1

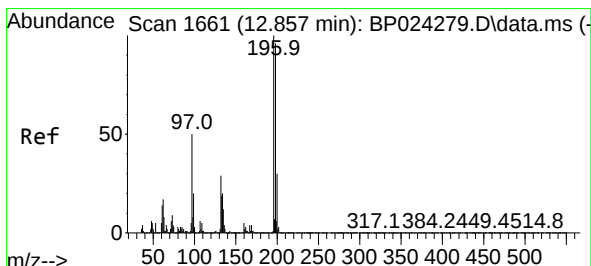
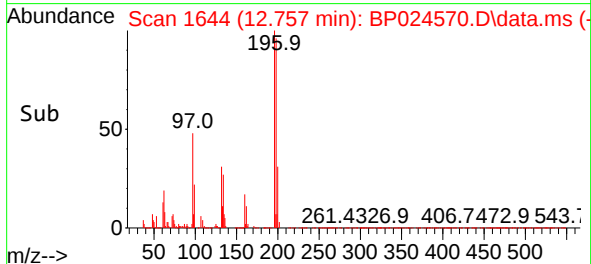
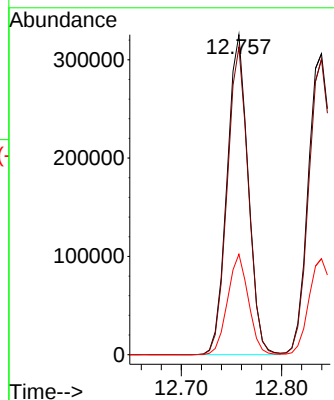
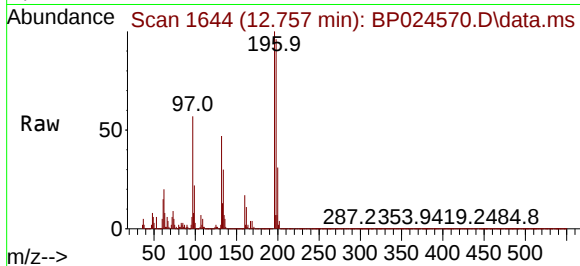




#43
2,4,6-Trichlorophenol
Concen: 52.293 ng
RT: 12.757 min Scan# 1644
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

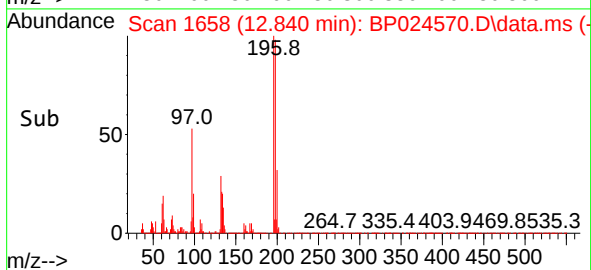
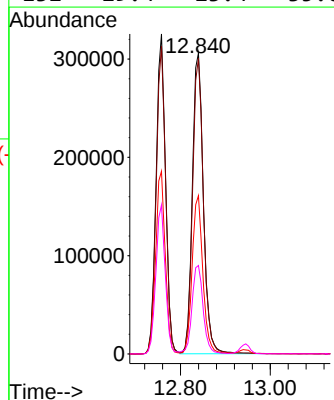
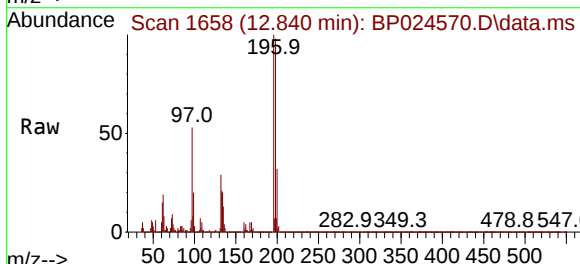
Instrument :
BNA_P
ClientSampleId :
PB167904BS

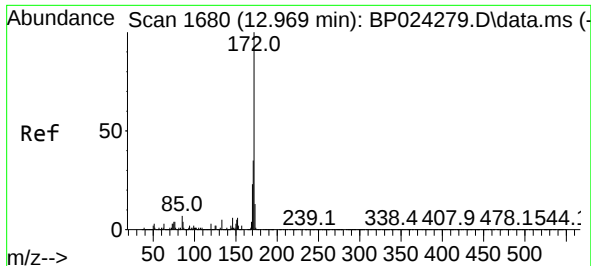
Tgt Ion:196 Resp: 475847
Ion Ratio Lower Upper
196 100
198 96.2 74.3 111.5
200 31.4 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 52.059 ng
RT: 12.840 min Scan# 1658
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:196 Resp: 524586
Ion Ratio Lower Upper
196 100
198 98.2 77.3 115.9
97 52.6 40.4 60.6
132 29.4 23.4 35.0

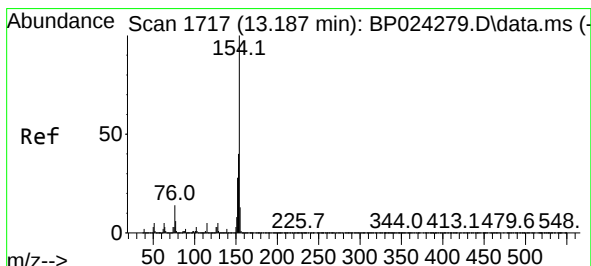
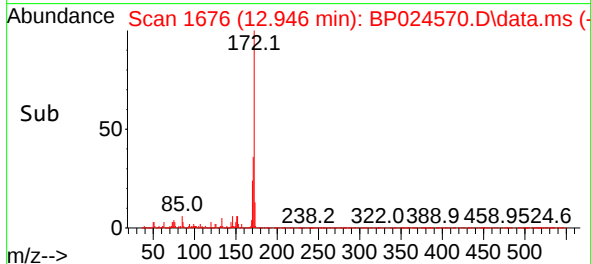
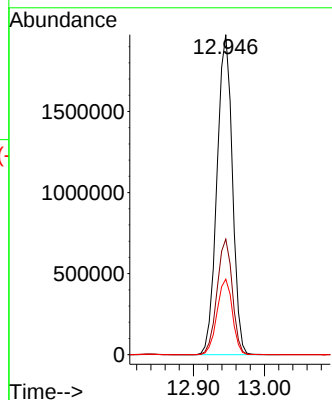
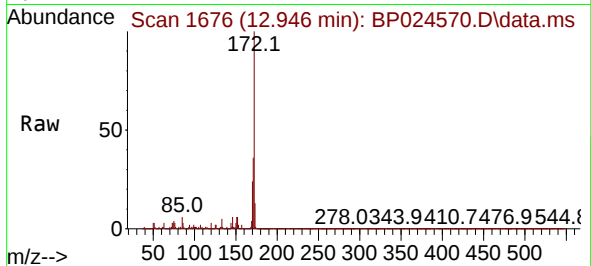




#45
2-Fluorobiphenyl
Concen: 91.104 ng
RT: 12.946 min Scan# 1680
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

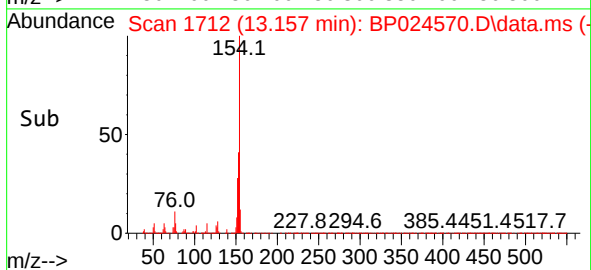
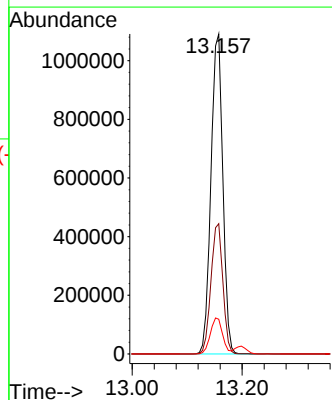
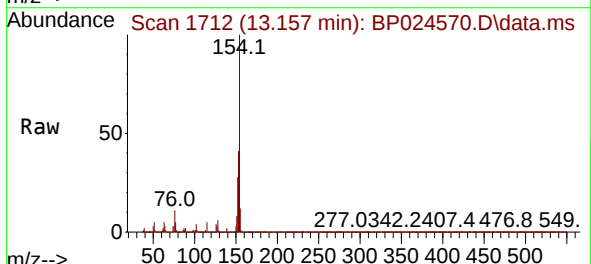
Instrument :
BNA_P
ClientSampleId :
PB167904BS

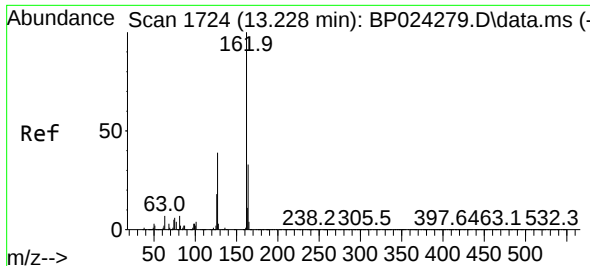
Tgt Ion:172 Resp: 2961395
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 23.6 18.6 27.8



#46
1,1'-Biphenyl
Concen: 44.632 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:154 Resp: 1632780
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 10.8 0.0 33.5

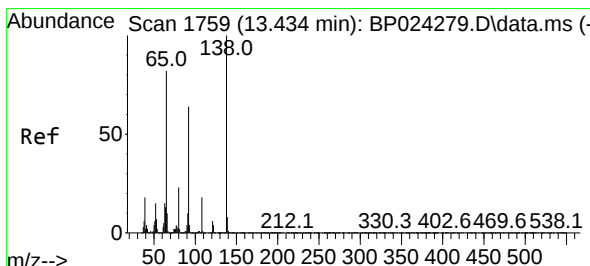
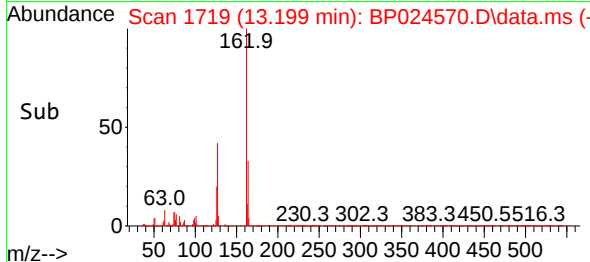
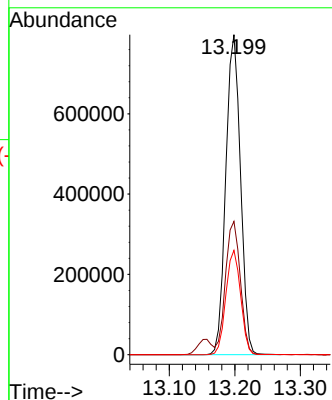
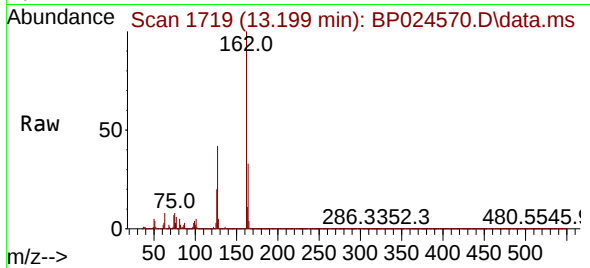




#47
2-Chloronaphthalene
Concen: 45.164 ng
RT: 13.199 min Scan# 1719
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

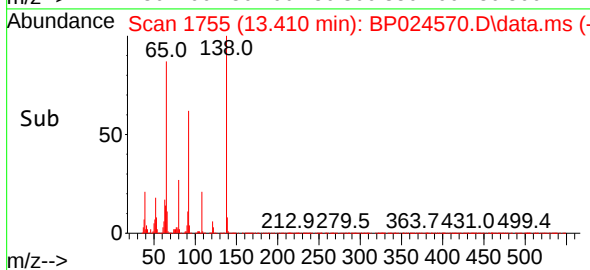
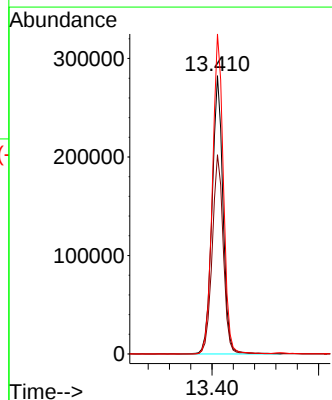
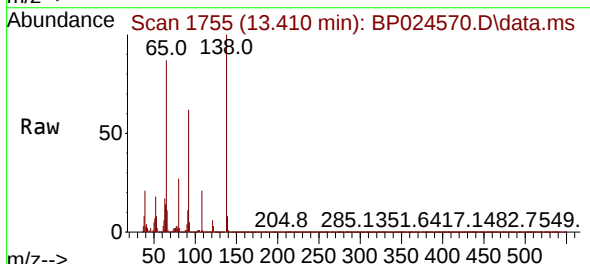
Instrument :
BNA_P
ClientSampleId :
PB167904BS

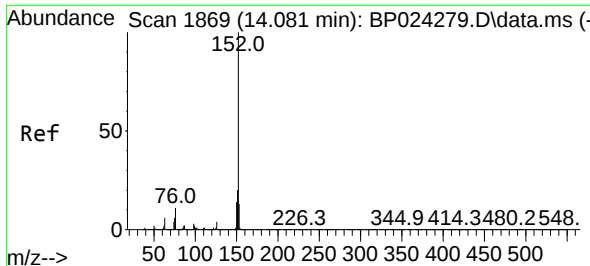
Tgt Ion:162 Resp: 1234859
Ion Ratio Lower Upper
162 100
127 41.6 31.9 47.9
164 32.6 26.2 39.4



#48
2-Nitroaniline
Concen: 52.508 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion: 65 Resp: 402707
Ion Ratio Lower Upper
65 100
92 71.6 62.3 93.5
138 115.0 97.2 145.8

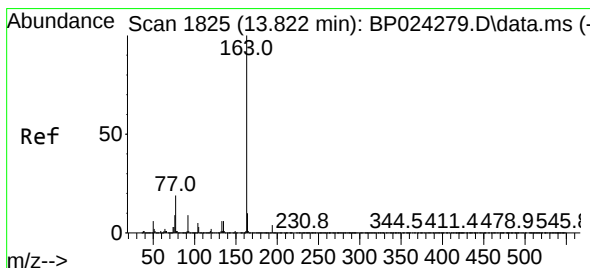
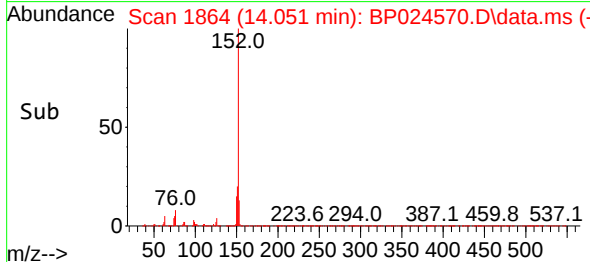
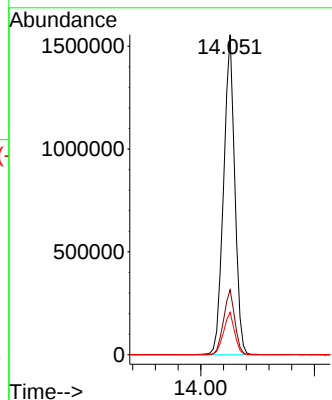
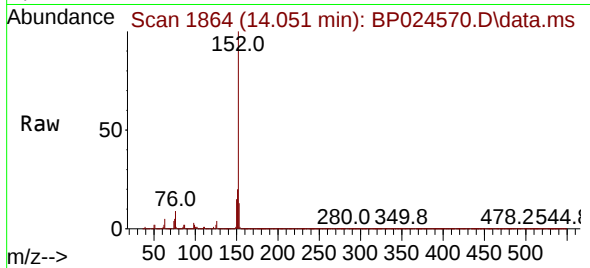




#49
Acenaphthylene
Concen: 49.549 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

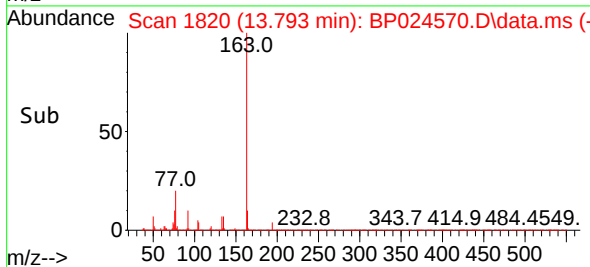
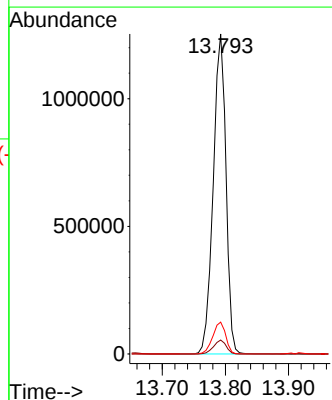
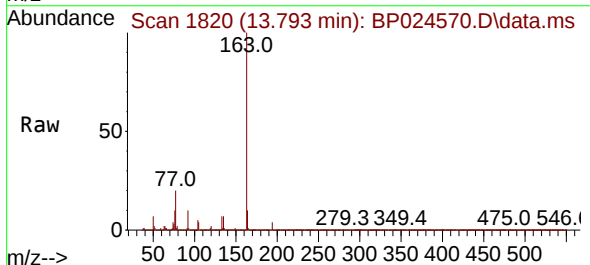
Instrument :
BNA_P
ClientSampleId :
PB167904BS

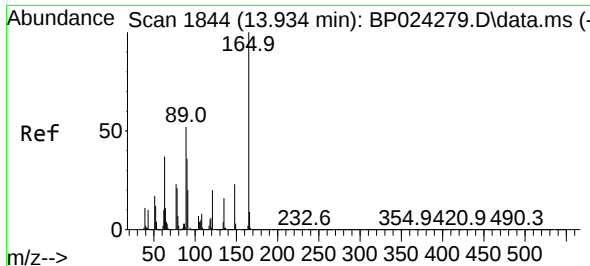
Tgt Ion:152 Resp: 2132979
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 48.425 ng
RT: 13.793 min Scan# 1820
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:163 Resp: 1752656
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.0 8.0 12.0

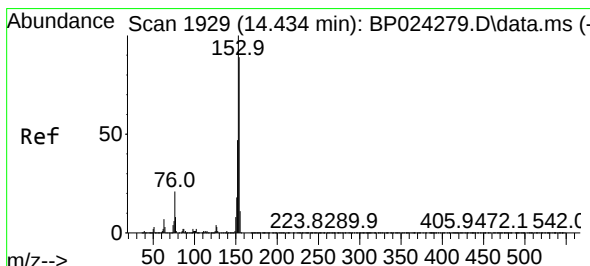
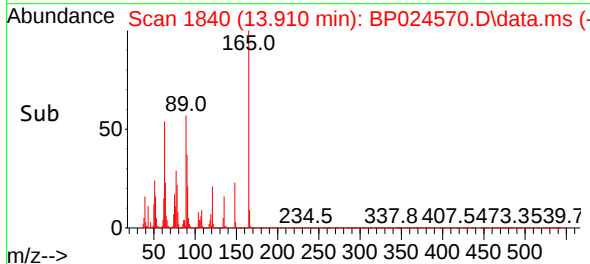
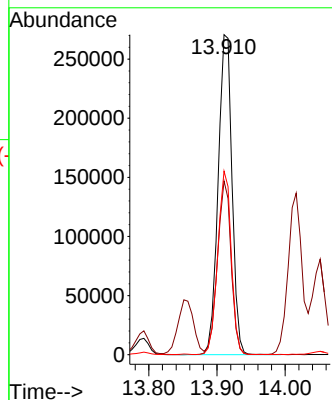
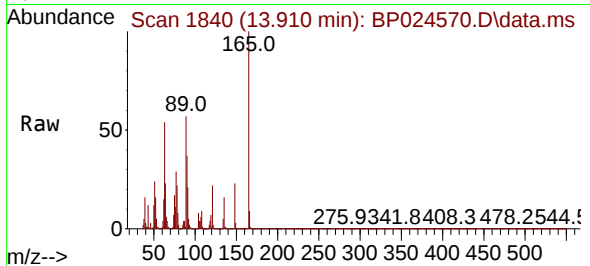




#51
2,6-Dinitrotoluene
Concen: 49.835 ng
RT: 13.910 min Scan# 1840
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

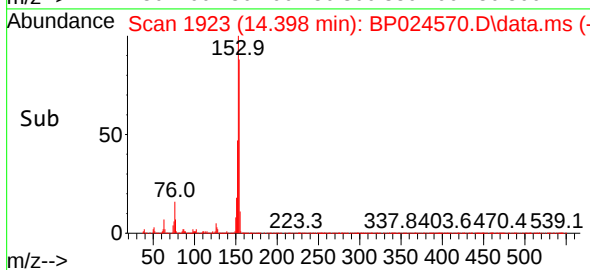
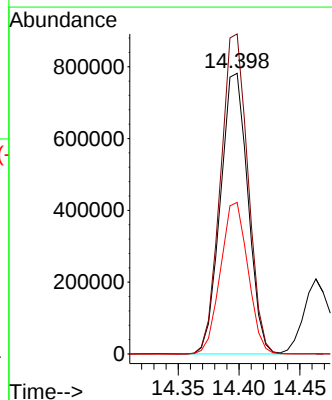
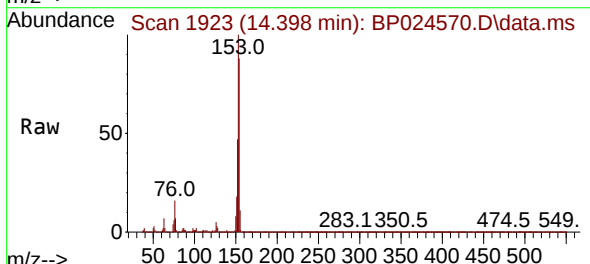
Instrument :
BNA_P
ClientSampleId :
PB167904BS

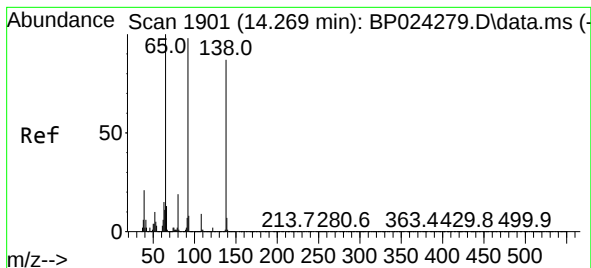
Tgt Ion:165 Resp: 383012
Ion Ratio Lower Upper
165 100
63 54.3 38.0 57.0
89 57.4 41.7 62.5



#52
Acenaphthene
Concen: 44.922 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:154 Resp: 1225957
Ion Ratio Lower Upper
154 100
153 114.0 89.8 134.6
152 54.0 42.6 63.8

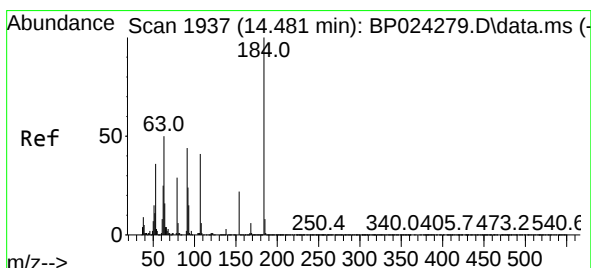
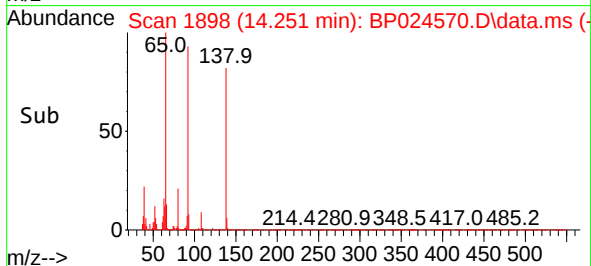
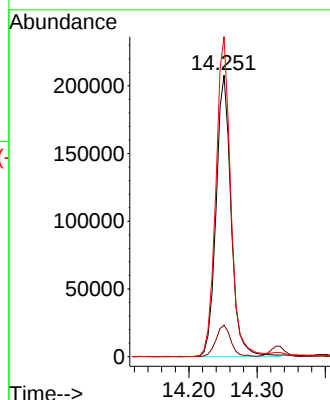
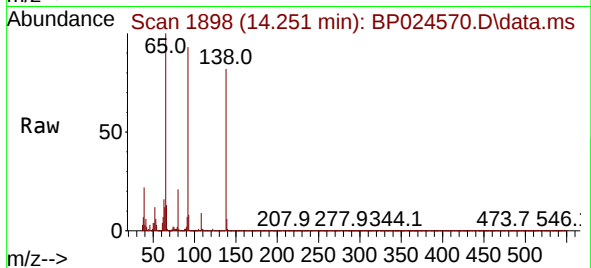




#53
3-Nitroaniline
Concen: 39.430 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

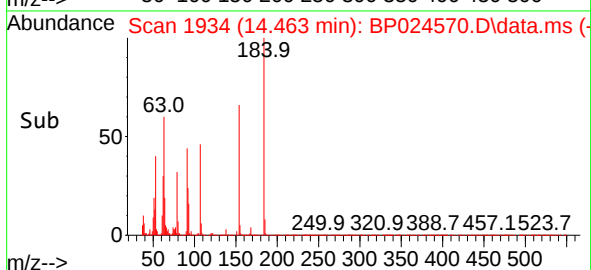
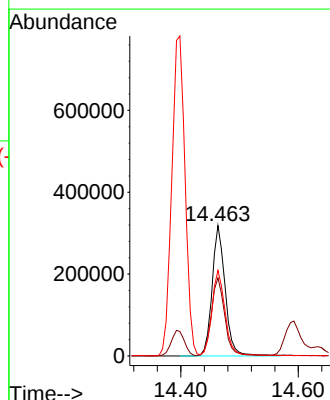
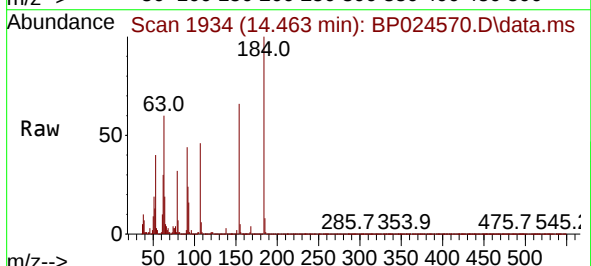
Instrument :
BNA_P
ClientSampleId :
PB167904BS

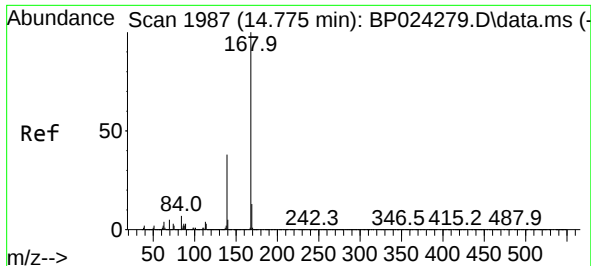
Tgt Ion:138 Resp: 318498
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 113.7 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 109.007 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:184 Resp: 493492
Ion Ratio Lower Upper
184 100
63 59.9 42.6 64.0
154 65.7 47.2 70.8

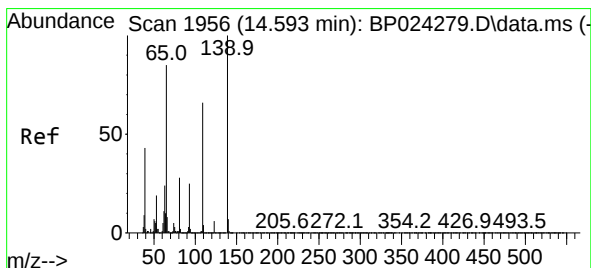
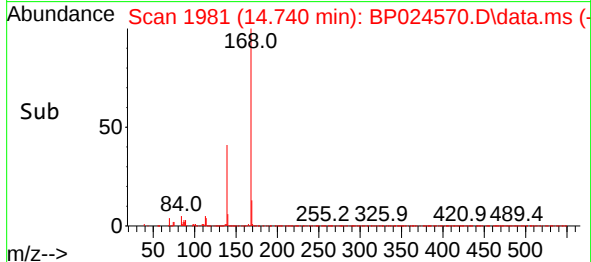
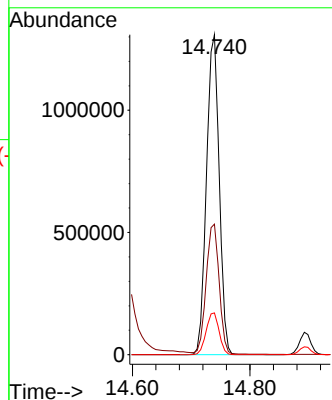
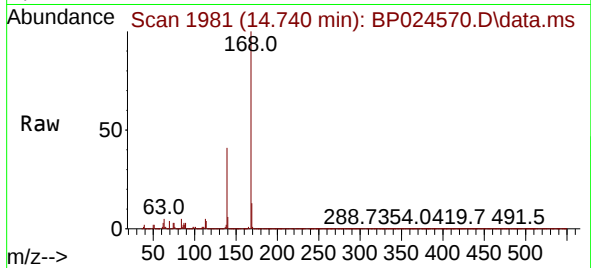




#55
Dibenzofuran
Concen: 44.132 ng
RT: 14.740 min Scan# 1981
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

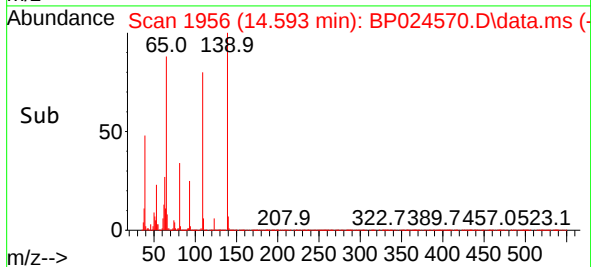
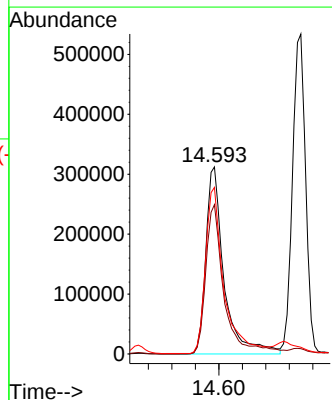
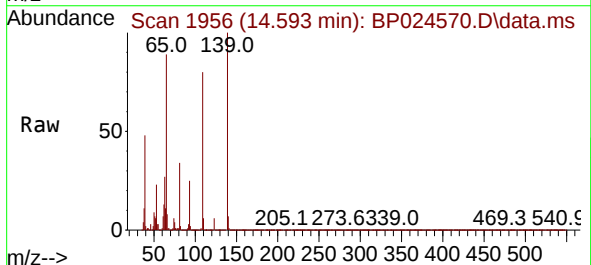
Instrument :
BNA_P
ClientSampleId :
PB167904BS

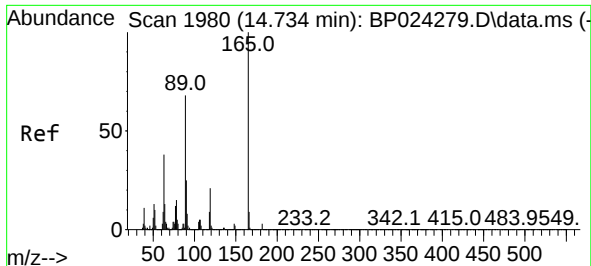
Tgt Ion:168 Resp: 1968680
Ion Ratio Lower Upper
168 100
139 40.8 30.3 45.5
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 96.520 ng
RT: 14.593 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:139 Resp: 673353
Ion Ratio Lower Upper
139 100
109 79.8 46.1 86.1
65 89.1 65.0 105.0

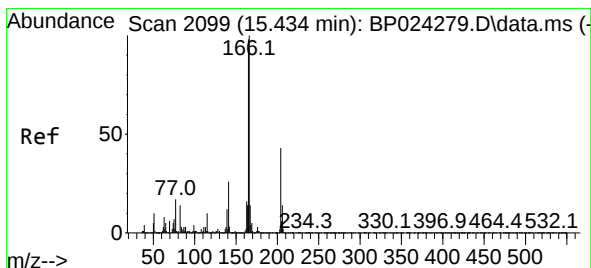
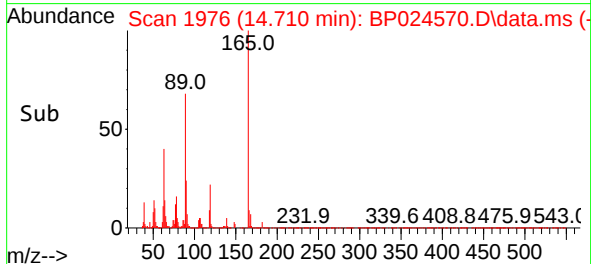
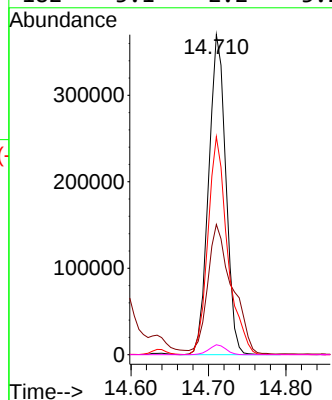
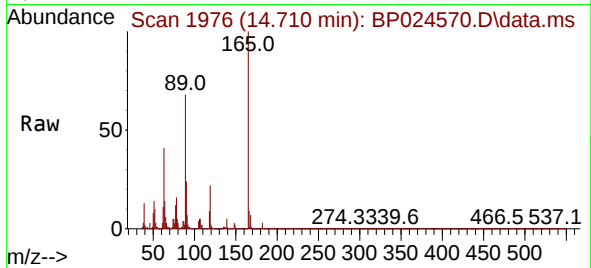




#57
2,4-Dinitrotoluene
Concen: 54.357 ng
RT: 14.710 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

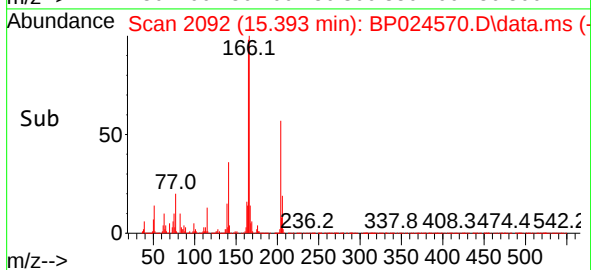
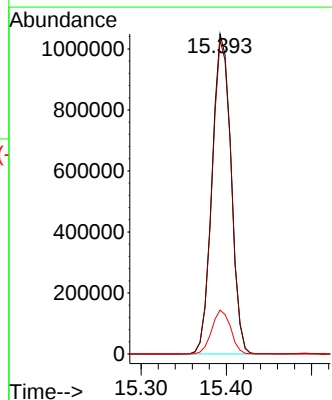
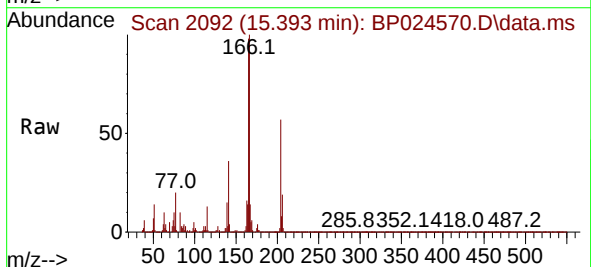
Instrument :
BNA_P
ClientSampleId :
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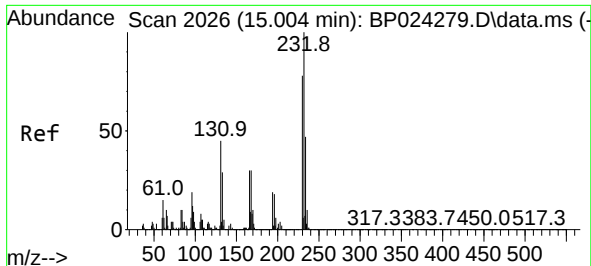
Tgt Ion:165 Resp: 569881
Ion Ratio Lower Upper
165 100
63 40.7 30.4 45.6
89 68.1 54.6 82.0
182 3.1 2.2 3.2



#58
Fluorene
Concen: 46.967 ng
RT: 15.393 min Scan# 2092
Delta R.T. -0.023 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:166 Resp: 1621926
Ion Ratio Lower Upper
166 100
165 98.1 78.1 117.1
167 13.7 10.9 16.3

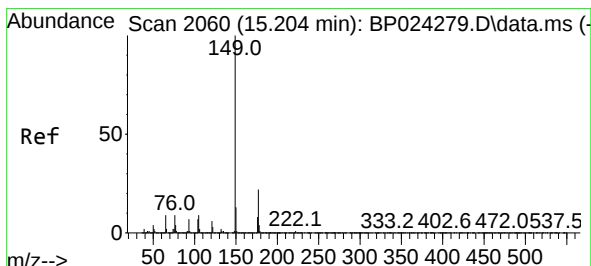
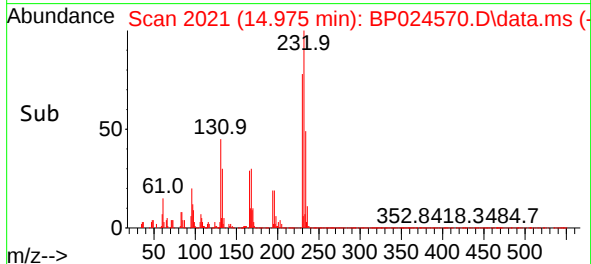
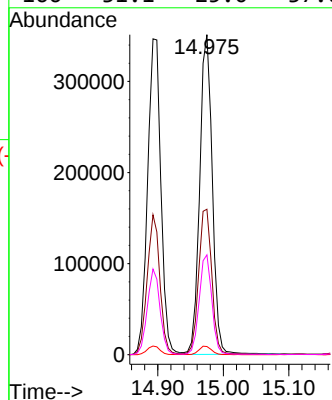
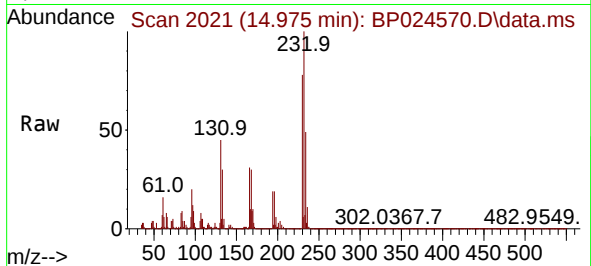




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.663 ng
RT: 14.975 min Scan# 2055
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

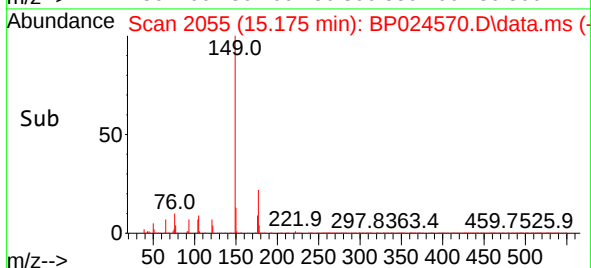
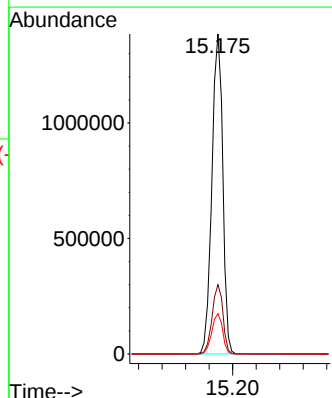
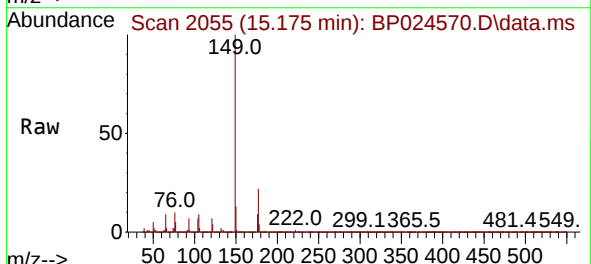
Instrument :
BNA_P
ClientSampleId :
PB167904BS

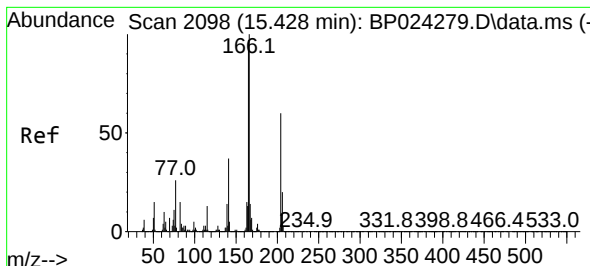
Tgt Ion:232 Resp: 470855
Ion Ratio Lower Upper
232 100
131 47.3 36.8 55.2
130 2.7 1.9 2.9
166 31.1 25.0 37.6



#60
Diethylphthalate
Concen: 47.466 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:149 Resp: 1770392
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.6 10.1 15.1

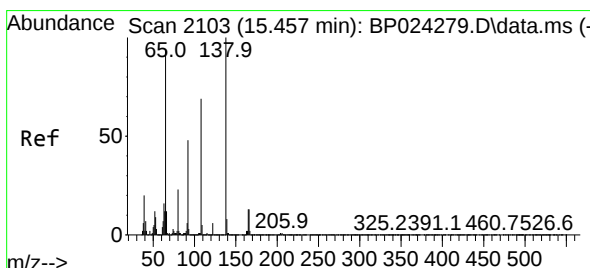
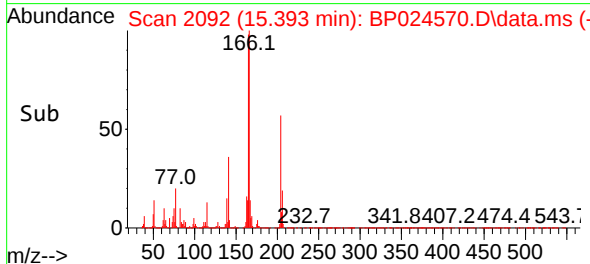
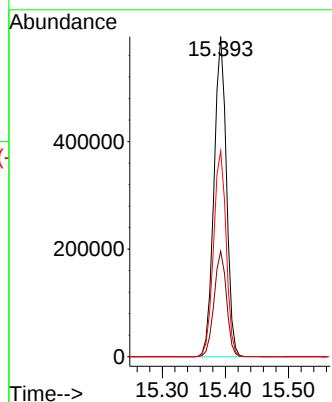
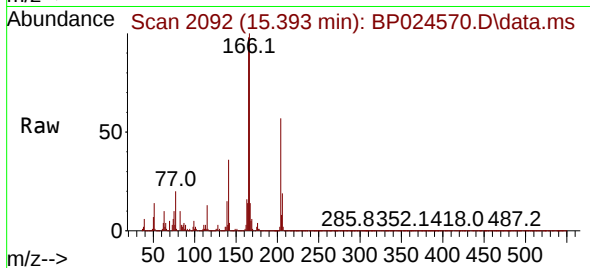




#61
4-Chlorophenyl-phenylether
Concen: 48.482 ng
RT: 15.393 min Scan# 2092
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

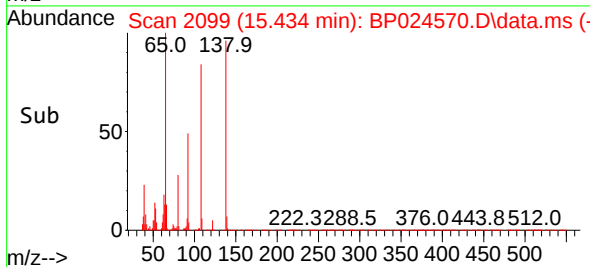
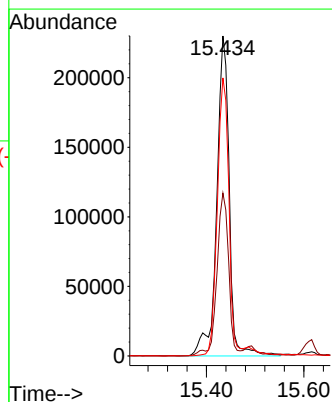
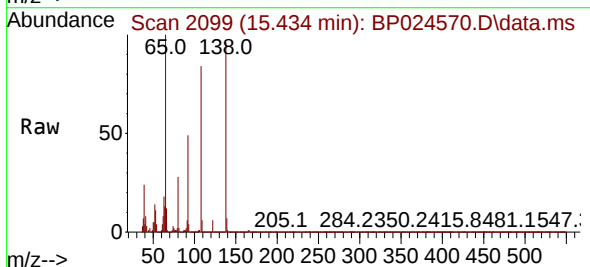
Instrument :
BNA_P
ClientSampleId :
PB167904BS

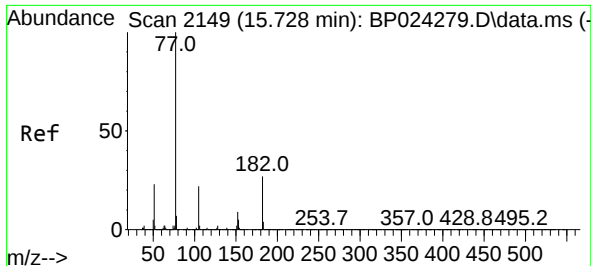
Tgt Ion:204 Resp: 813013
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.3 49.4 74.0



#62
4-Nitroaniline
Concen: 47.924 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:138 Resp: 409802
Ion Ratio Lower Upper
138 100
92 50.9 27.8 67.8
108 86.9 48.9 88.9



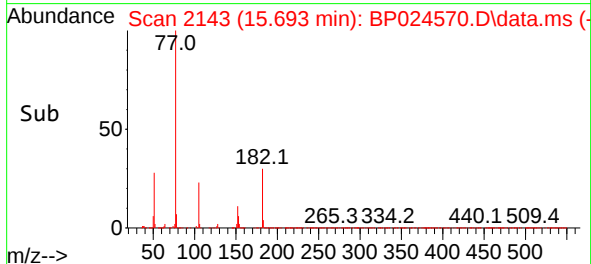
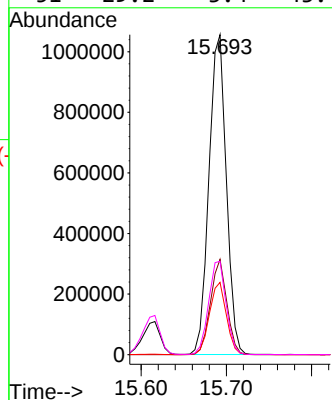
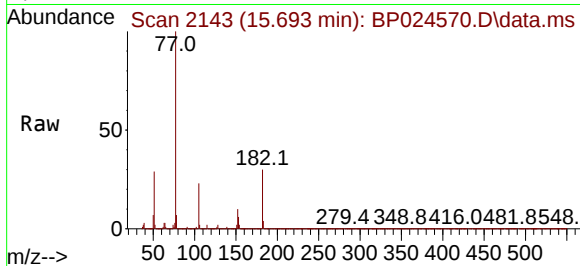


#63
Azobenzene
Concen: 43.531 ng
RT: 15.693 min Scan# 2149
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Instrument :
BNA_P
ClientSampleId :
PB167904BS

Tgt Ion: 77 Resp: 1492279

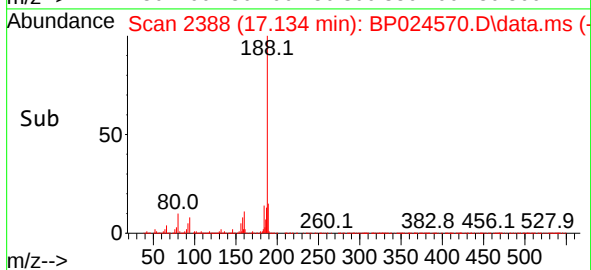
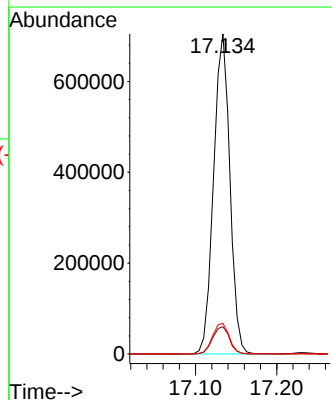
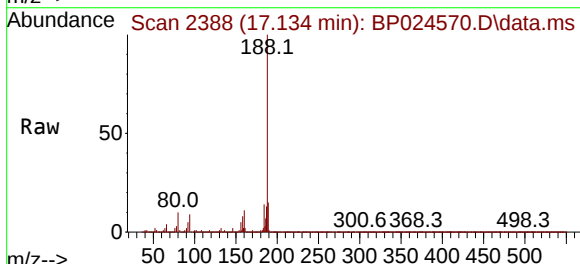
Ion	Ratio	Lower	Upper
77	100		
182	29.8	7.3	47.3
105	22.6	2.3	42.3
51	29.2	3.4	43.4

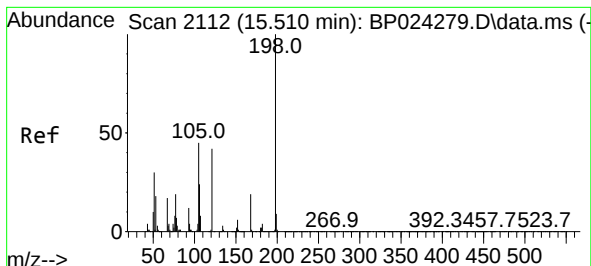


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion: 188 Resp: 979666

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.6	13.0#
80	9.6	9.8	14.6#

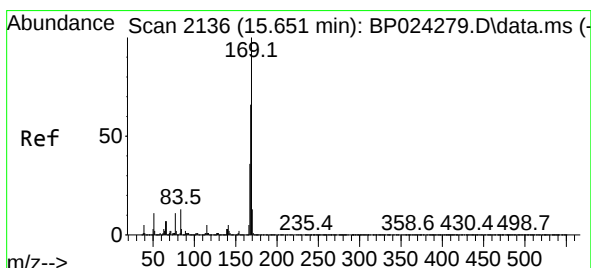
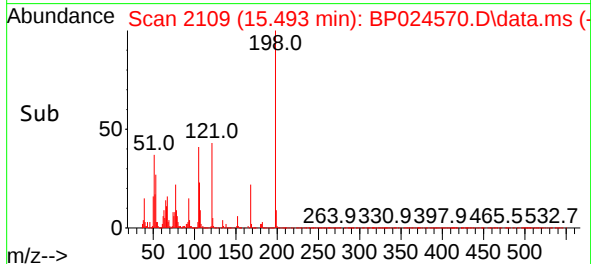
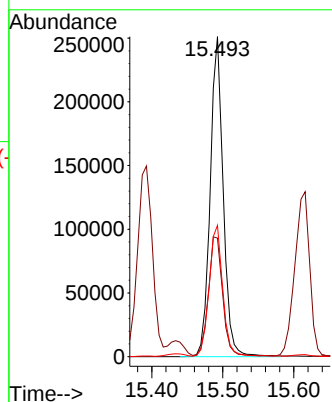
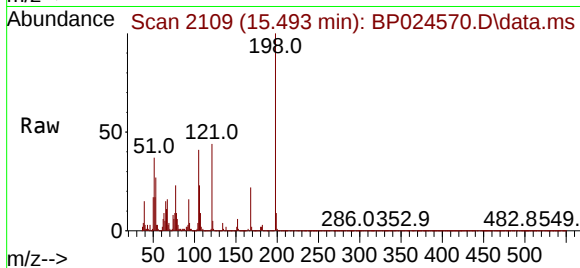




#65
4,6-Dinitro-2-methylphenol
Concen: 51.974 ng
RT: 15.493 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

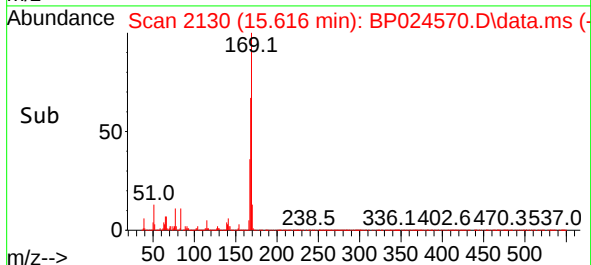
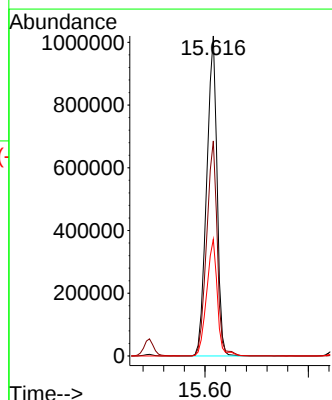
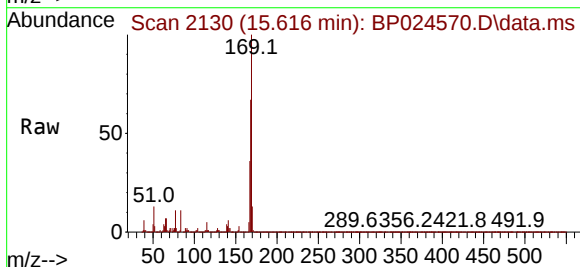
Instrument :
BNA_P
ClientSampleId :
PB167904BS

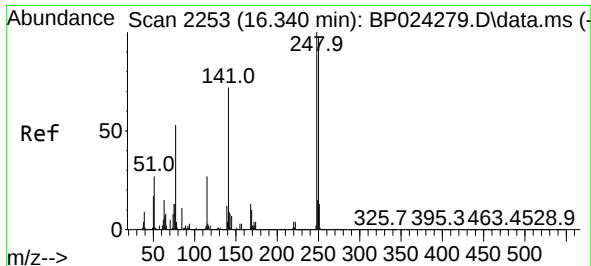
Tgt Ion:198 Resp: 321014
Ion Ratio Lower Upper
198 100
51 37.0 18.4 58.4
105 41.0 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 48.614 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:169 Resp: 1421507
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.4
167 36.5 28.9 43.3

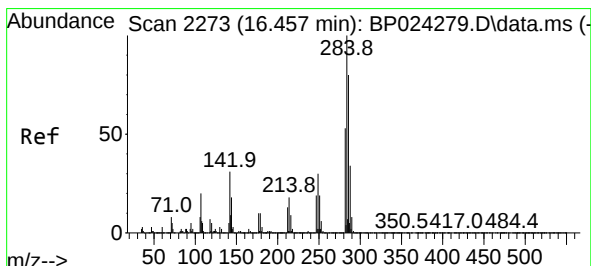
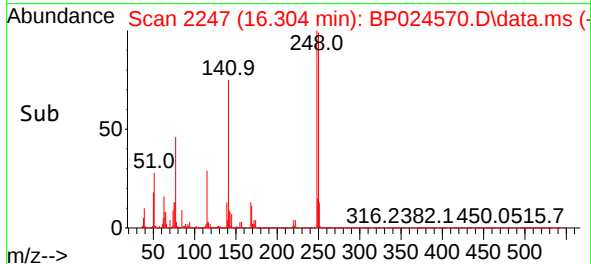
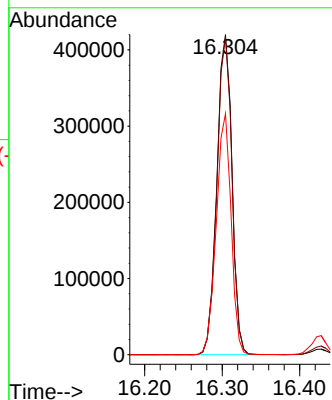
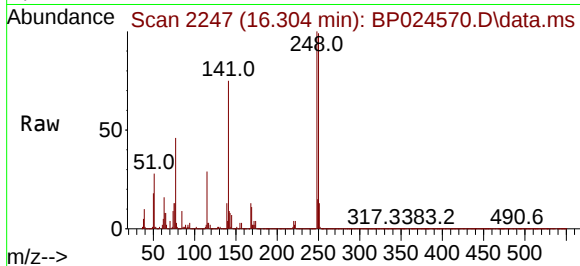




#67
4-Bromophenyl-phenylether
Concen: 53.238 ng
RT: 16.304 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

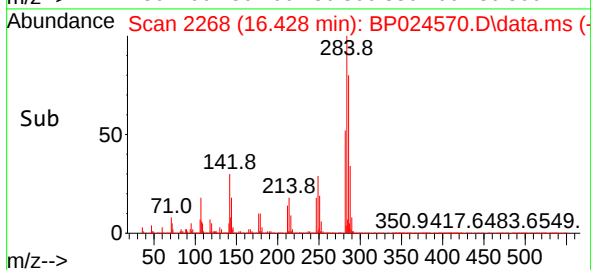
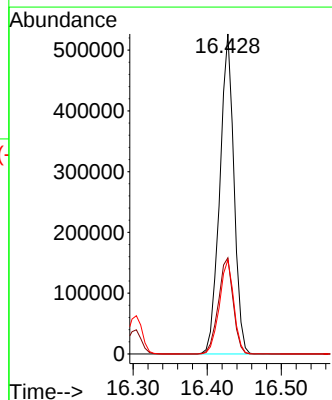
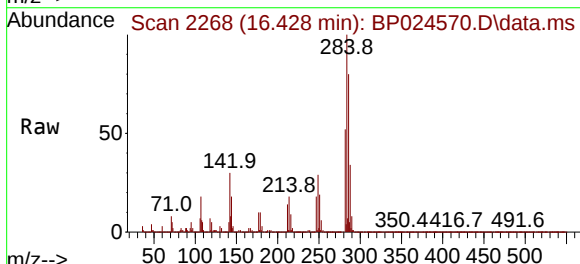
Instrument :
BNA_P
ClientSampleId :
PB167904BS

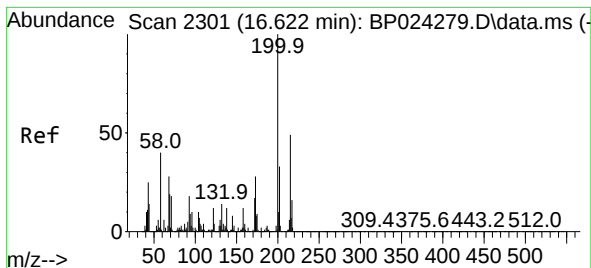
Tgt Ion:248 Resp: 570417
Ion Ratio Lower Upper
248 100
250 99.2 78.2 117.4
141 75.3 57.7 86.5



#68
Hexachlorobenzene
Concen: 54.940 ng
RT: 16.428 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:284 Resp: 699484
Ion Ratio Lower Upper
284 100
142 30.0 24.6 37.0
249 29.4 23.8 35.6





#69

Atrazine

Concen: 73.922 ng

RT: 16.592 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

Instrument :

BNA_P

ClientSampleId :

PB167904BS

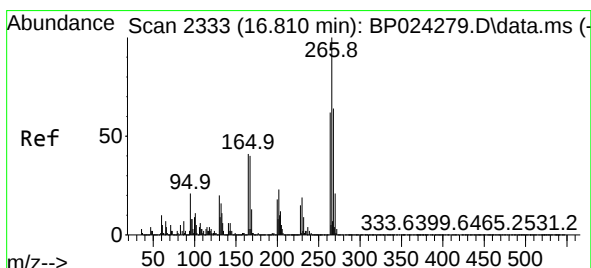
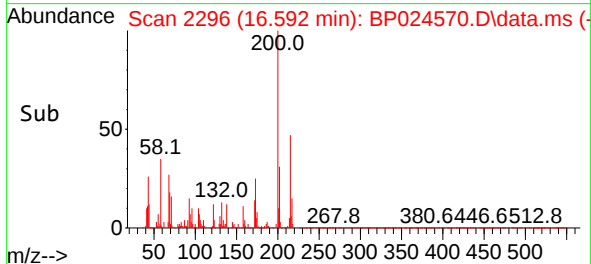
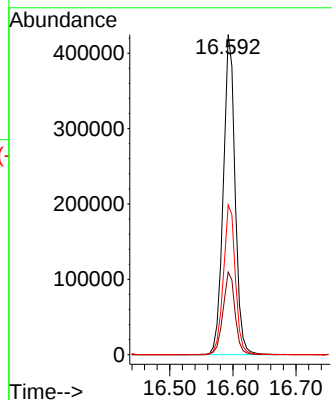
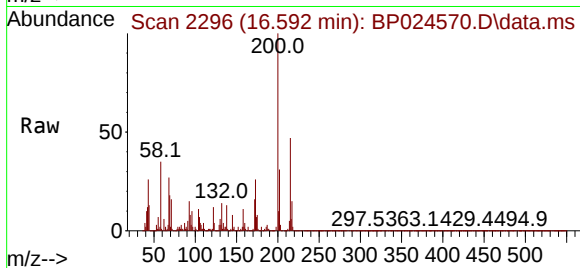
Tgt Ion:200 Resp: 550524

Ion Ratio Lower Upper

200 100

173 25.8 7.5 47.5

215 46.8 28.8 68.8



#70

Pentachlorophenol

Concen: 106.541 ng

RT: 16.787 min Scan# 2329

Delta R.T. -0.012 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

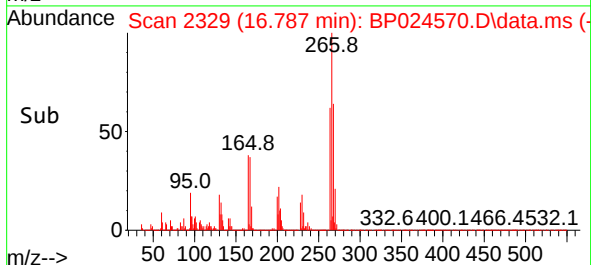
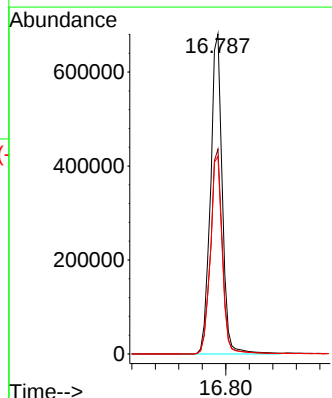
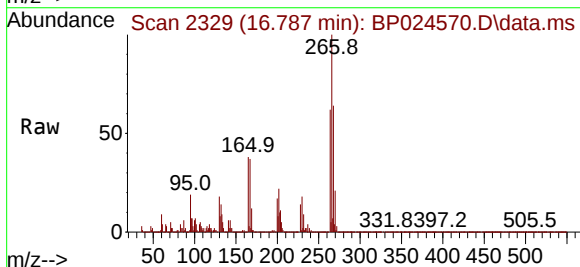
Tgt Ion:266 Resp: 946297

Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 61.8 49.8 74.6





#71

Phenanthrene

Concen: 46.760 ng

RT: 17.175 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

Instrument :

BNA_P

ClientSampleId :

PB167904BS

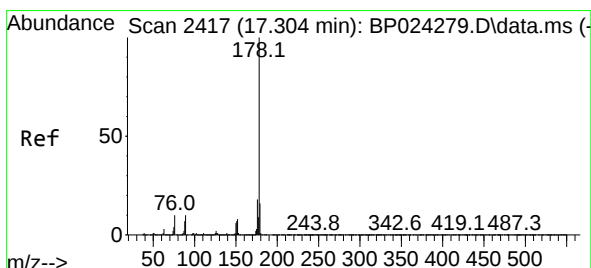
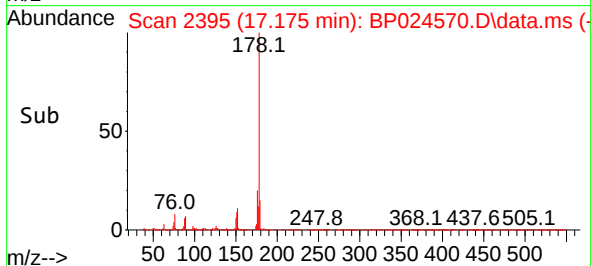
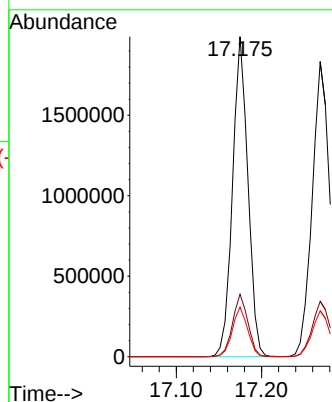
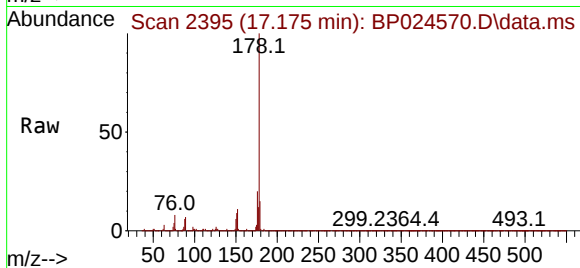
Tgt Ion:178 Resp: 2499026

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.5 12.5 18.7



#72

Anthracene

Concen: 50.379 ng

RT: 17.269 min Scan# 2411

Delta R.T. -0.017 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

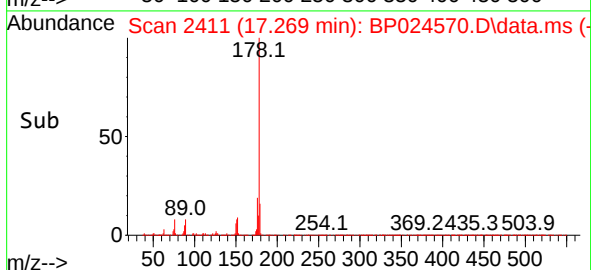
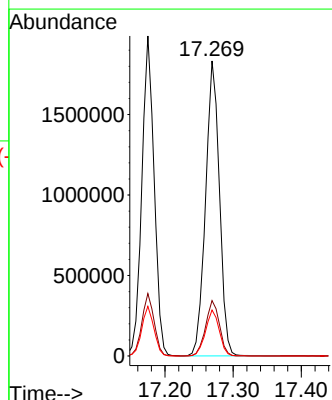
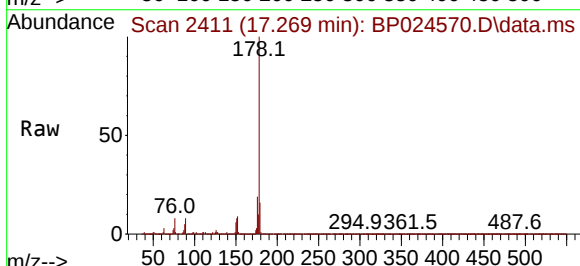
Tgt Ion:178 Resp: 2594917

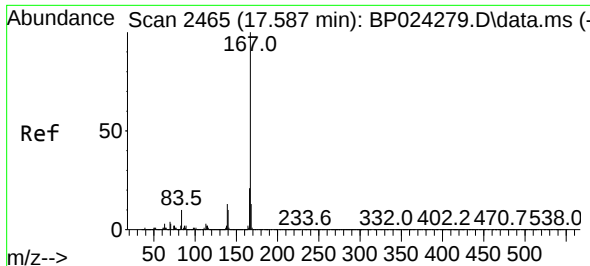
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.6 12.4 18.6

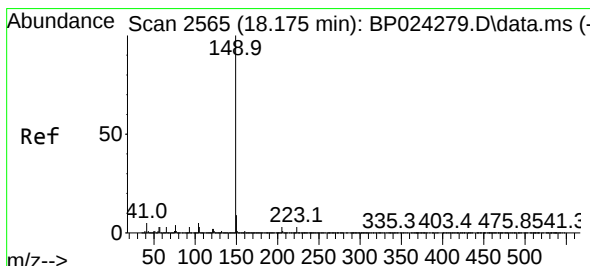
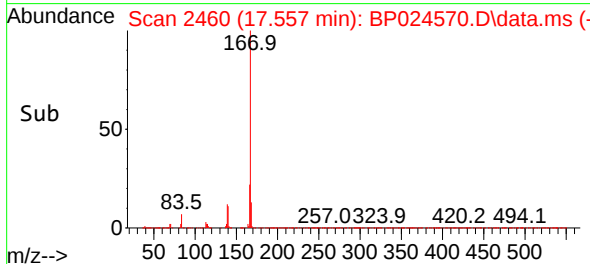
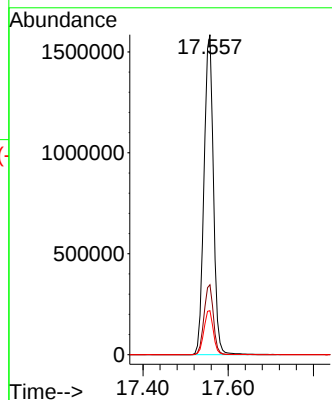
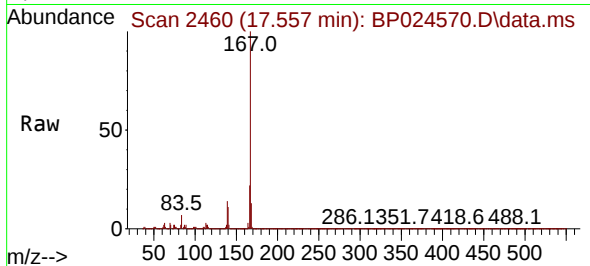




#73
 Carbazole
 Concen: 48.263 ng
 RT: 17.557 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BP024570.D
 Acq: 08 May 2025 16:07

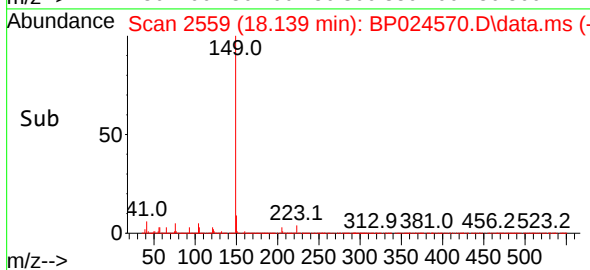
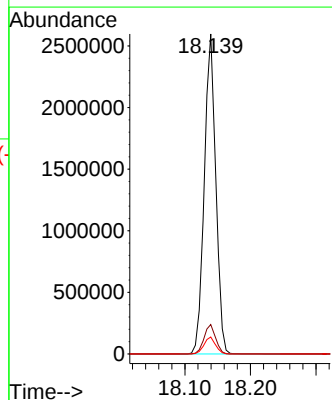
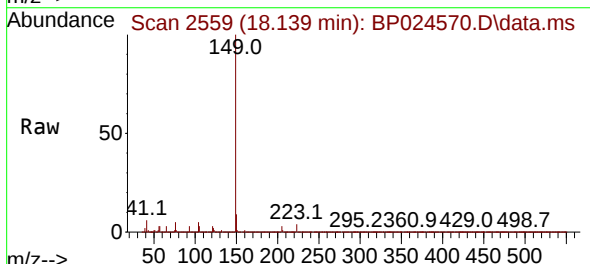
Instrument :
 BNA_P
 ClientSampleId :
 PB167904BS

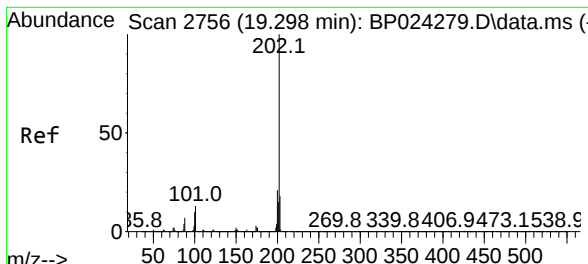
Tgt Ion:167 Resp: 2428994
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 13.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 50.645 ng
 RT: 18.139 min Scan# 2559
 Delta R.T. -0.017 min
 Lab File: BP024570.D
 Acq: 08 May 2025 16:07

Tgt Ion:149 Resp: 3175548
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.3 3.9 5.9



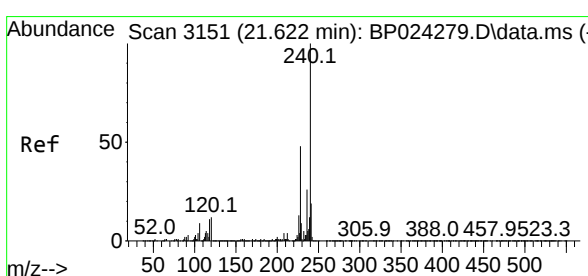
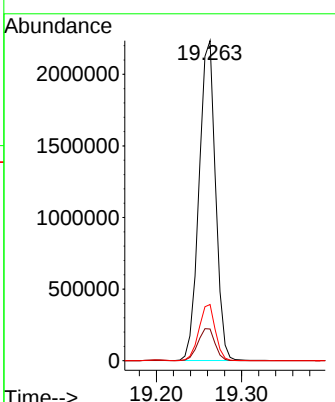
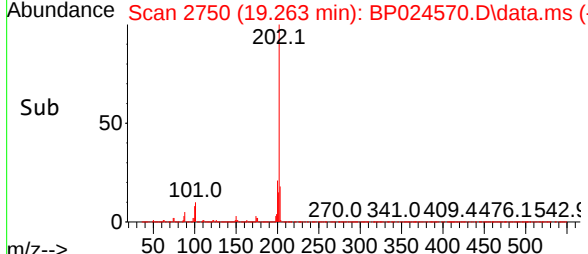
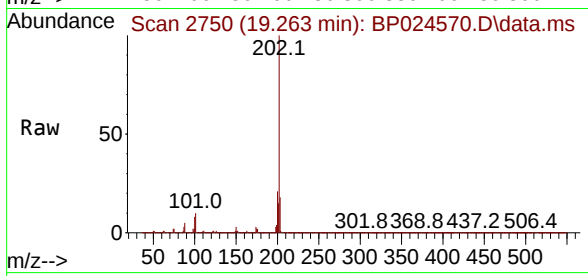


#75
 Fluoranthene
 Concen: 47.187 ng
 RT: 19.263 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BP024570.D
 Acq: 08 May 2025 16:07

Instrument :
 BNA_P
 ClientSampleId :
 PB167904BS

Tgt Ion: 202 Resp: 2999313

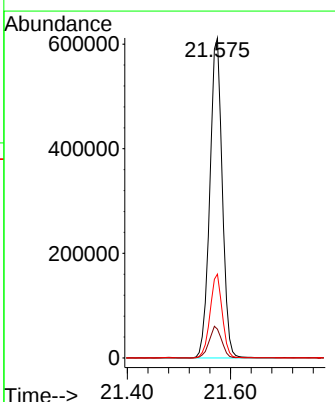
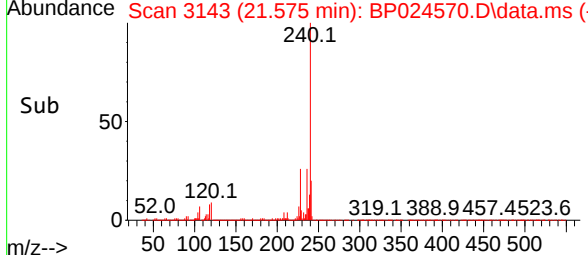
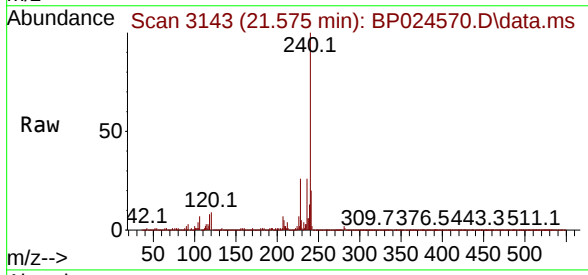
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	33.2
203	17.5	0.0	37.7

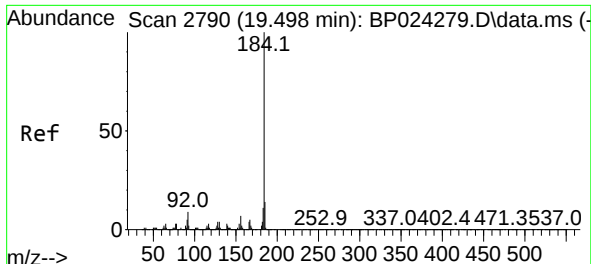


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.575 min Scan# 3143
 Delta R.T. -0.017 min
 Lab File: BP024570.D
 Acq: 08 May 2025 16:07

Tgt Ion: 240 Resp: 1019336

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.8	14.8#
236	26.2	20.9	31.3

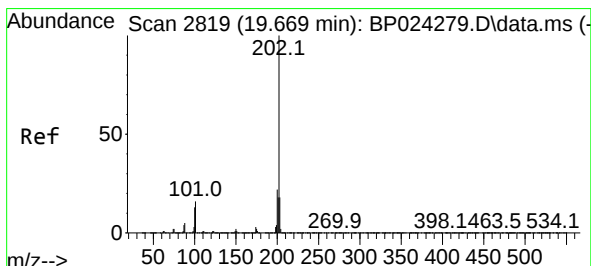
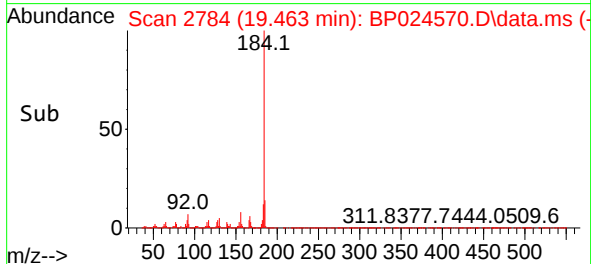
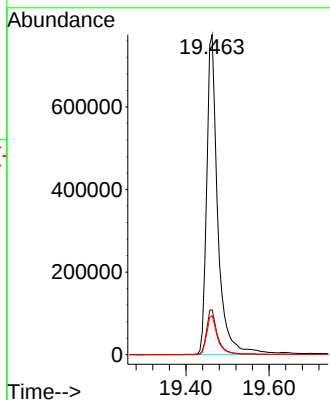
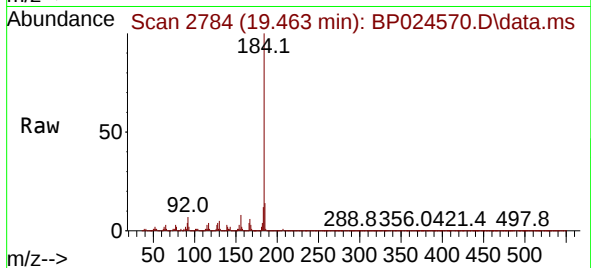




#77
Benzidine
Concen: 111.012 ng
RT: 19.463 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

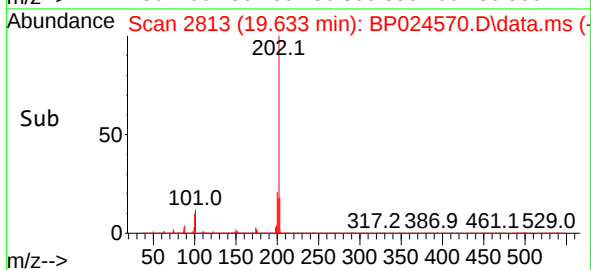
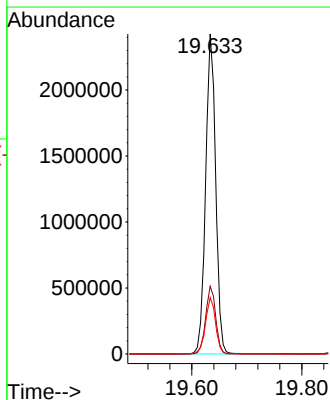
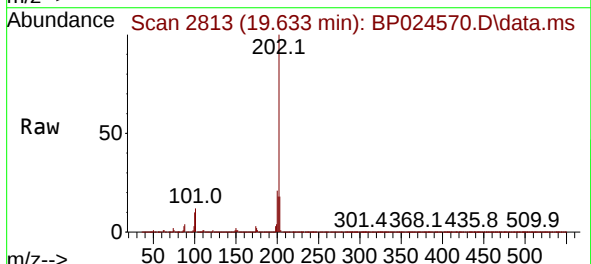
Instrument :
BNA_P
ClientSampleId :
PB167904BS

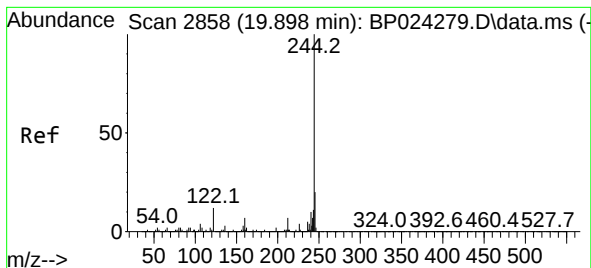
Tgt Ion:184 Resp: 1434382
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 12.2 9.2 13.8



#78
Pyrene
Concen: 47.269 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.017 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:202 Resp: 3062088
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 102.330 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

Instrument :

BNA_P

ClientSampleId :

PB167904BS

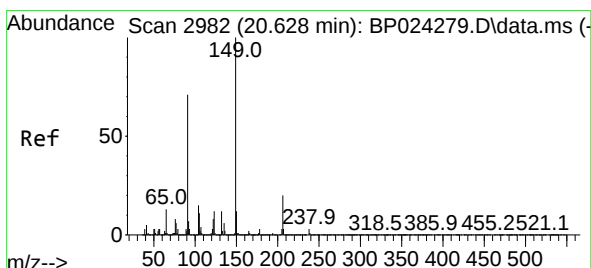
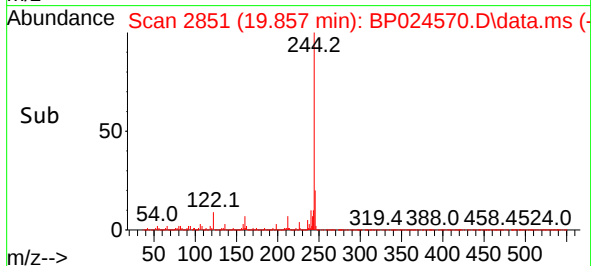
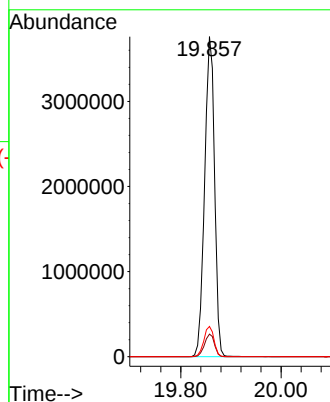
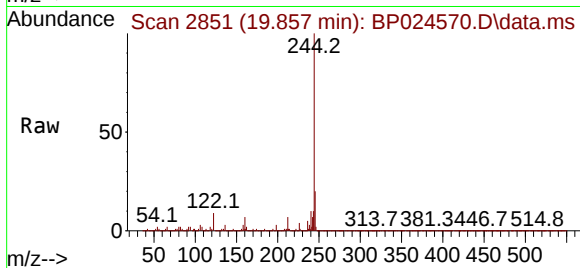
Tgt Ion:244 Resp: 5174977

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.5 9.4 14.0



#80

Butylbenzylphthalate

Concen: 50.767 ng

RT: 20.586 min Scan# 2975

Delta R.T. -0.017 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

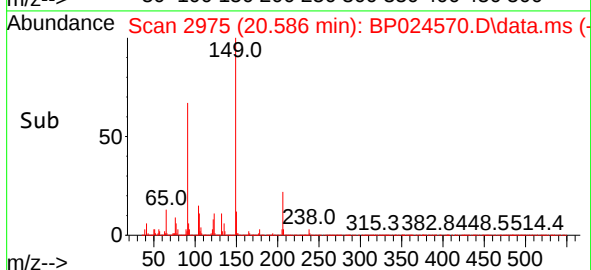
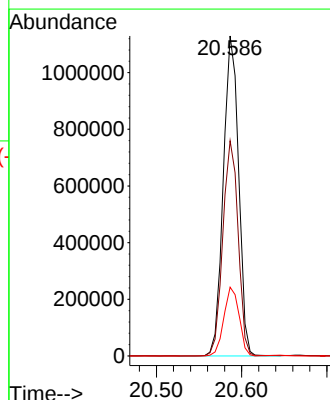
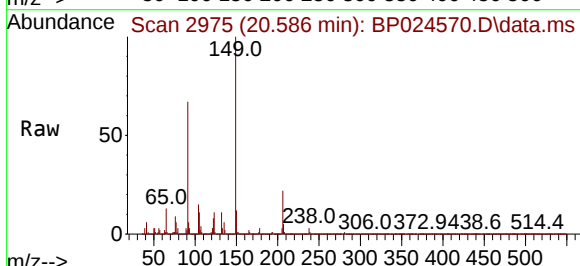
Tgt Ion:149 Resp: 1408621

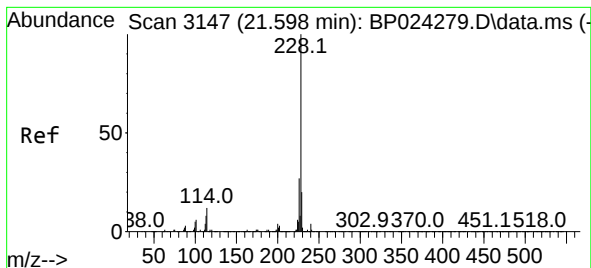
Ion Ratio Lower Upper

149 100

91 67.2 56.4 84.6

206 21.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 48.302 ng

RT: 21.545 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

Instrument :

BNA_P

ClientSampleId :

PB167904BS

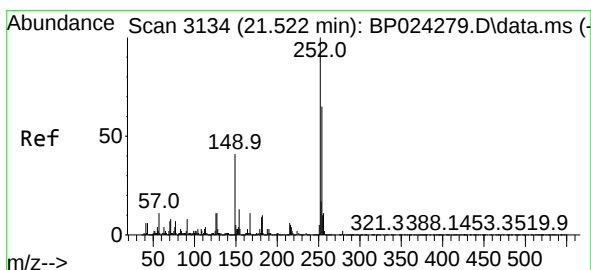
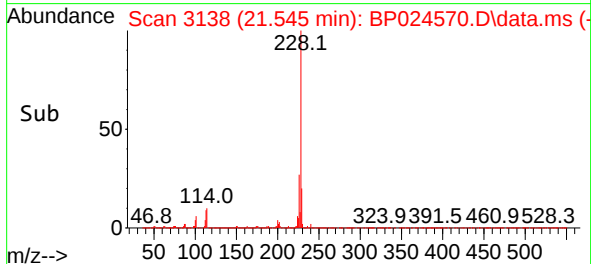
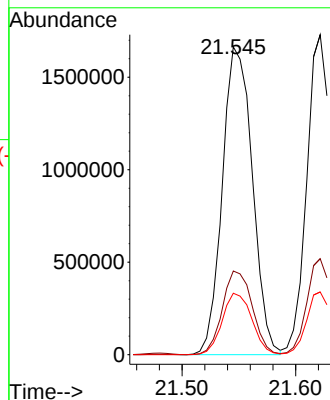
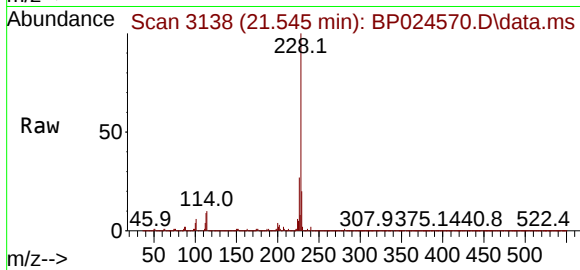
Tgt Ion:228 Resp: 3060293

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 20.0 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 33.877 ng

RT: 21.480 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

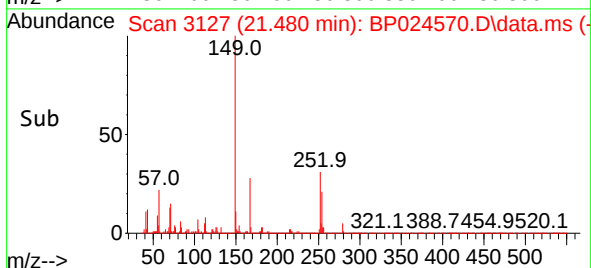
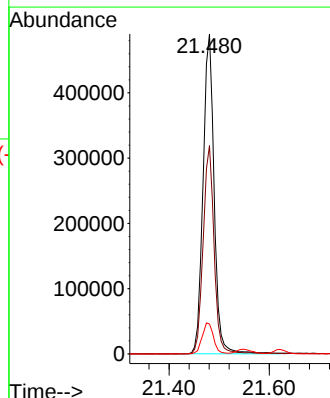
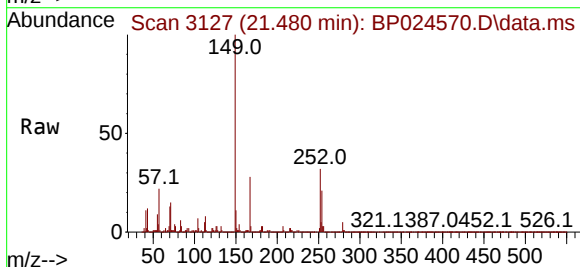
Tgt Ion:252 Resp: 753351

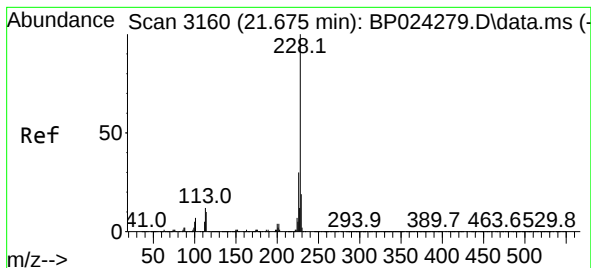
Ion Ratio Lower Upper

252 100

254 65.1 51.7 77.5

126 9.4 8.8 13.2





#83

Chrysene

Concen: 46.325 ng

RT: 21.622 min Scan# 3160

Delta R.T. -0.017 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

Instrument :

BNA_P

ClientSampleId :

PB167904BS

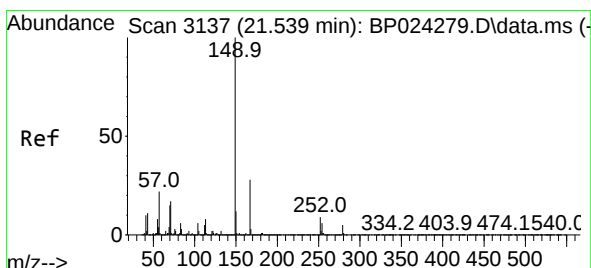
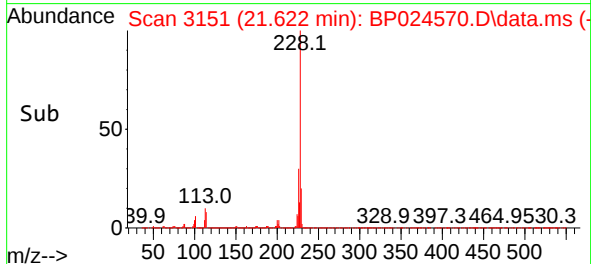
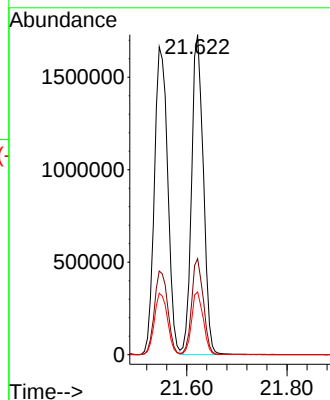
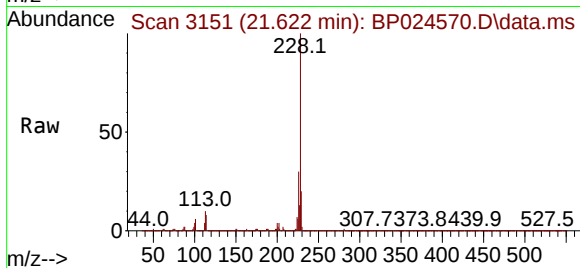
Tgt Ion:228 Resp: 2811892

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.150 ng

RT: 21.480 min Scan# 3127

Delta R.T. -0.029 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

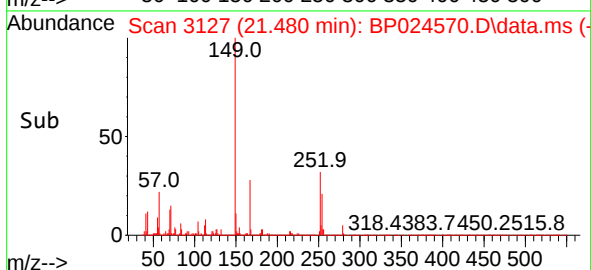
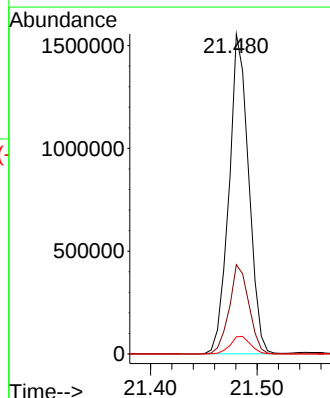
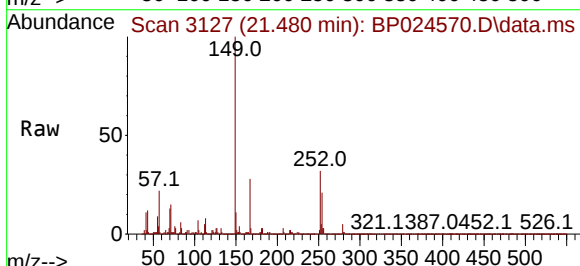
Tgt Ion:149 Resp: 1999200

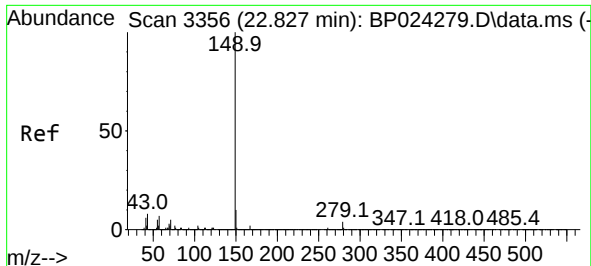
Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

279 5.4 4.0 6.0

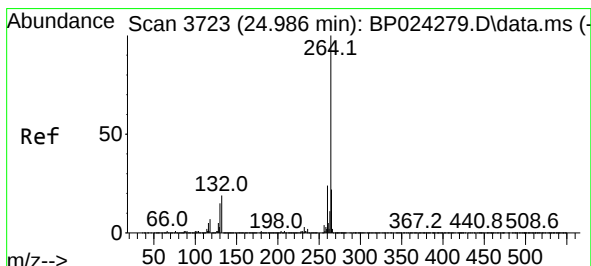
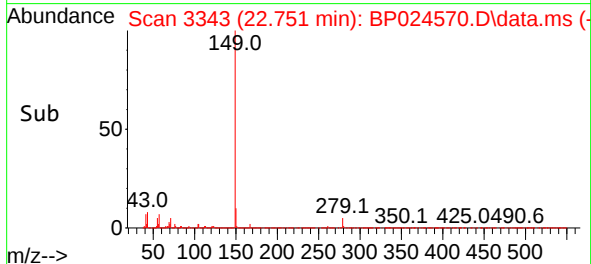
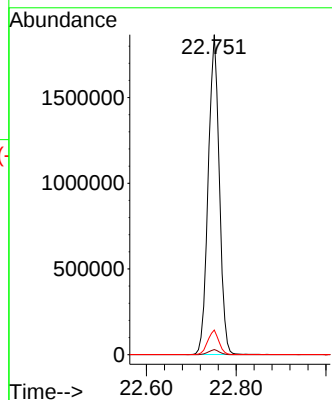
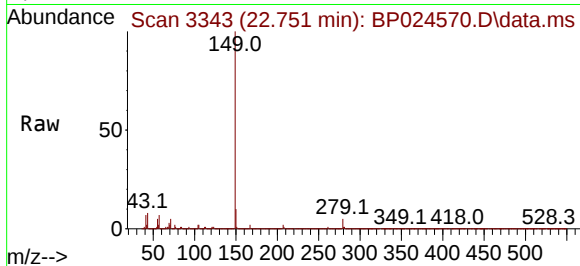




#85
Di-n-octyl phthalate
Concen: 48.332 ng
RT: 22.751 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

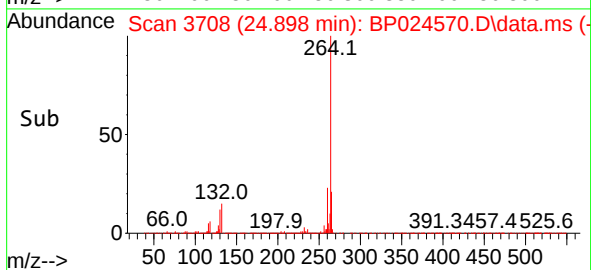
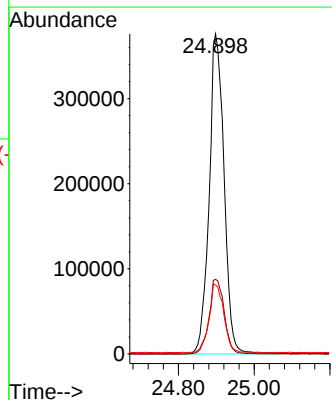
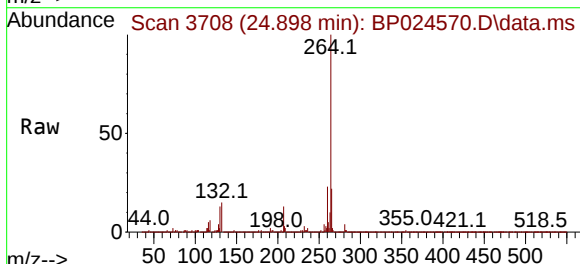
Instrument :
BNA_P
ClientSampleId :
PB167904BS

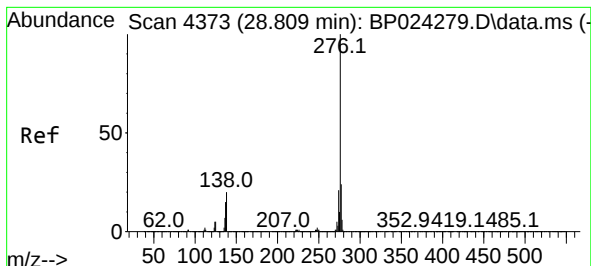
Tgt Ion:149 Resp: 3196061
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.7 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.898 min Scan# 3708
Delta R.T. -0.035 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:264 Resp: 1024841
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.243 ng

RT: 28.674 min Scan# 41

Delta R.T. -0.065 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

Instrument :

BNA_P

ClientSampleId :

PB167904BS

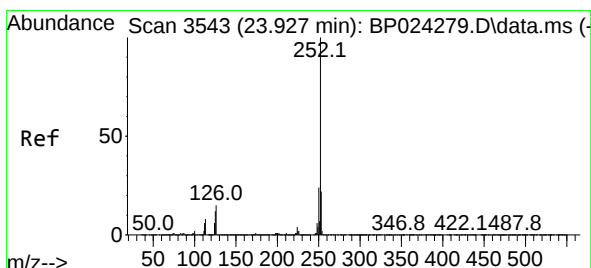
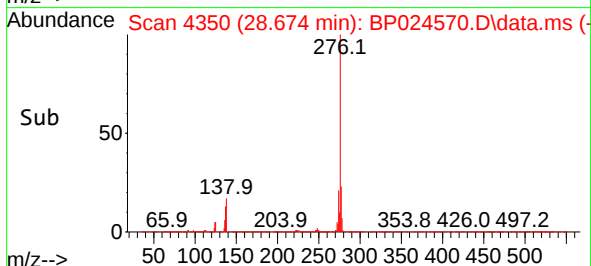
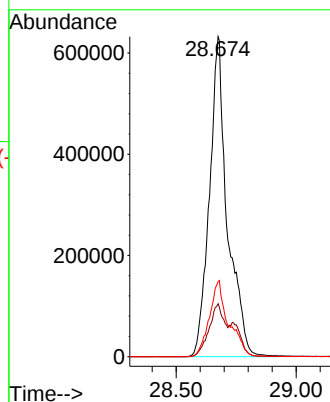
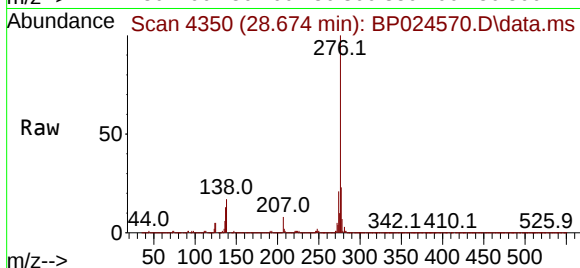
Tgt Ion:276 Resp: 3290167

Ion Ratio Lower Upper

276 100

138 14.3 14.5 21.7#

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.514 ng

RT: 23.845 min Scan# 3529

Delta R.T. -0.041 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

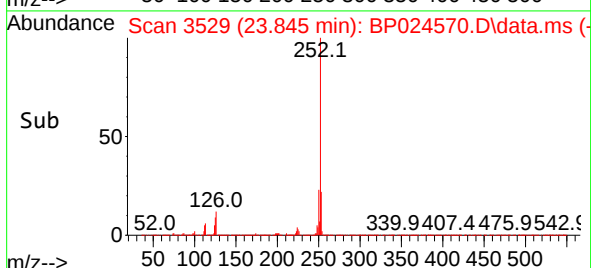
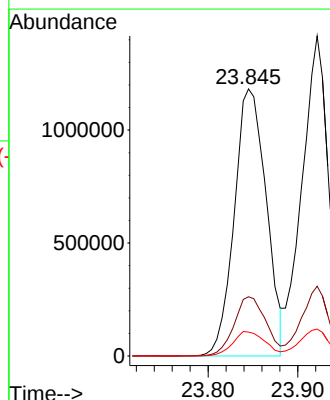
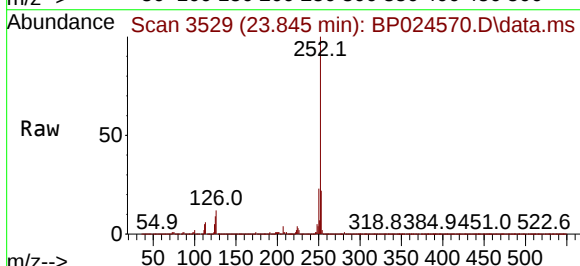
Tgt Ion:252 Resp: 2918757

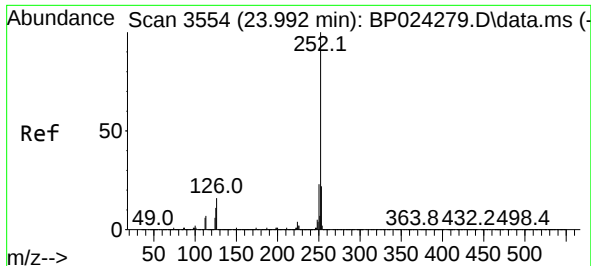
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.9 9.4 14.0#

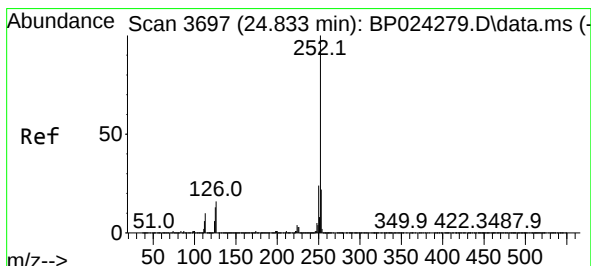
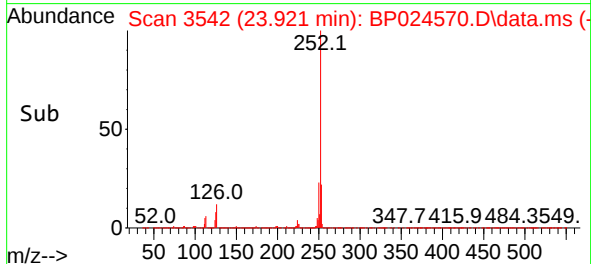
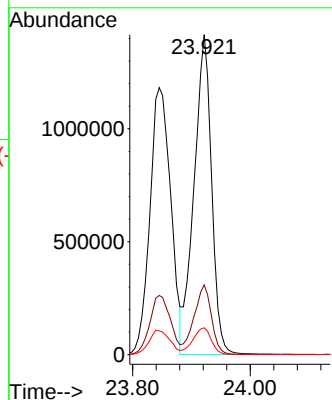
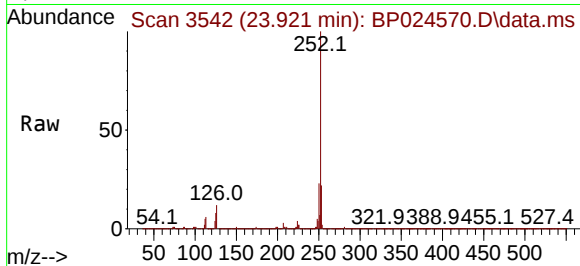




#89
Benzo(k)fluoranthene
Concen: 49.400 ng
RT: 23.921 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

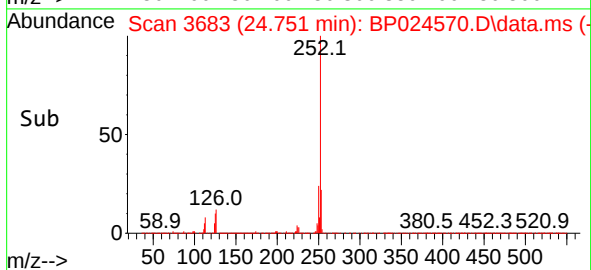
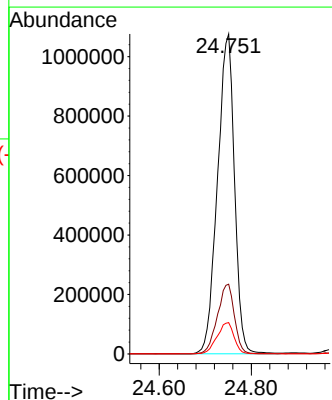
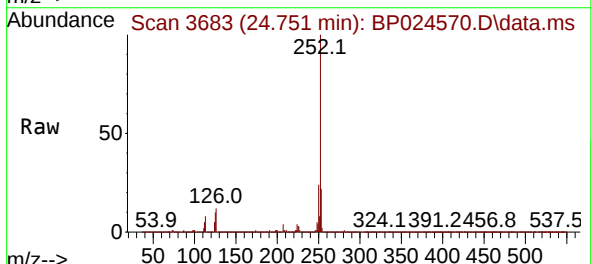
Instrument :
BNA_P
ClientSampleId :
PB167904BS

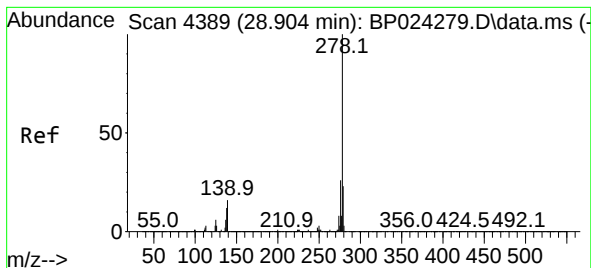
Tgt Ion:252 Resp: 2931273
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.4 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 51.909 ng
RT: 24.751 min Scan# 3683
Delta R.T. -0.029 min
Lab File: BP024570.D
Acq: 08 May 2025 16:07

Tgt Ion:252 Resp: 2750615
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.8 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 45.635 ng

RT: 28.751 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

Instrument :

BNA_P

ClientSampleId :

PB167904BS

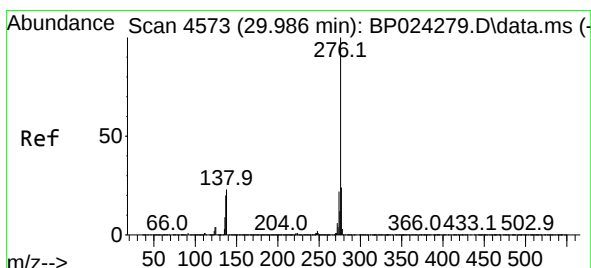
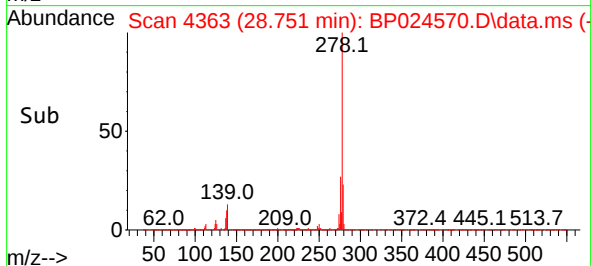
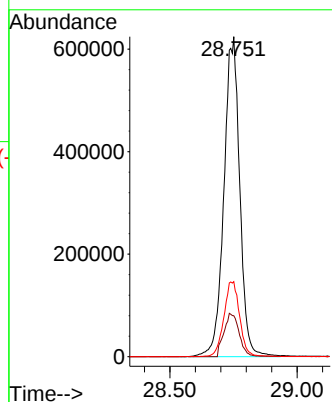
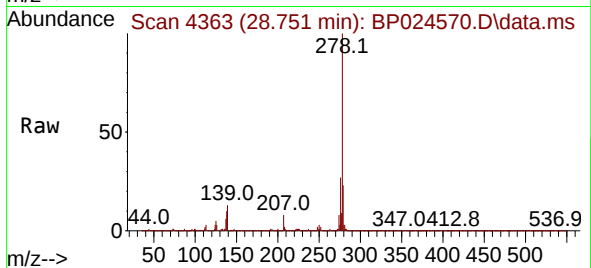
Tgt Ion:278 Resp: 2694984

Ion Ratio Lower Upper

278 100

139 12.8 12.6 19.0

279 23.4 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 43.241 ng

RT: 29.845 min Scan# 4549

Delta R.T. -0.053 min

Lab File: BP024570.D

Acq: 08 May 2025 16:07

Tgt Ion:276 Resp: 2599244

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 18.3 18.7 28.1#

