

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024509.D
 Acq On : 02 May 2025 14:56
 Operator : RC/JU
 Sample : Q1916-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-12MSD

Quant Time: May 02 15:58:55 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	7.710	152	134371	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	560731	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	356159	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	743045	20.000	ng	0.00
76) Chrysene-d12	21.598	240	825568	20.000	ng	0.00
86) Perylene-d12	24.951	264	972467	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	636465	78.318	ng	-0.02
7) Phenol-d6	6.899	99	888676	79.862	ng	-0.01
23) Nitrobenzene-d5	8.857	82	472356	48.034	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	506458	102.779	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1053010	45.268	ng	-0.01
79) Terphenyl-d14	19.880	244	2312282	56.455	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	123971	36.065	ng	# 95
3) Pyridine	3.669	79	324879	35.792	ng	94
4) n-Nitrosodimethylamine	3.575	42	141150	46.856	ng	# 75
6) Aniline	7.046	93	272076	27.362	ng	97
8) 2-Chlorophenol	7.281	128	427041	47.065	ng	99
9) Benzaldehyde	6.863	77	182907	33.229	ng	96
10) Phenol	6.922	94	508675	45.569	ng	91
11) bis(2-Chloroethyl)ether	7.140	93	356058	39.589	ng	99
12) 1,3-Dichlorobenzene	7.599	146	429327	43.952	ng	99
13) 1,4-Dichlorobenzene	7.746	146	436461	44.038	ng	99
14) 1,2-Dichlorobenzene	8.057	146	420751	43.965	ng	98
15) Benzyl Alcohol	7.952	79	357799	49.720	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.222	45	402239	41.376	ng	100
17) 2-Methylphenol	8.157	107	350646	48.558	ng	98
18) Hexachloroethane	8.775	117	160673	44.859	ng	95
19) n-Nitroso-di-n-propyla...	8.504	70	280183	40.699	ng	95
20) 3+4-Methylphenols	8.481	107	477143	47.620	ng	98
22) Acetophenone	8.522	105	596302	42.966	ng	97
24) Nitrobenzene	8.899	77	424326	43.619	ng	98
25) Isophorone	9.422	82	804515	45.198	ng	97
26) 2-Nitrophenol	9.604	139	235139	49.392	ng	95
27) 2,4-Dimethylphenol	9.669	122	387464	64.819	ng	98
28) bis(2-Chloroethoxy)met...	9.899	93	490825	40.819	ng	99
29) 2,4-Dichlorophenol	10.140	162	399772	49.049	ng	99
30) 1,2,4-Trichlorobenzene	10.346	180	399208	45.715	ng	99
31) Naphthalene	10.534	128	1251667	42.376	ng	99
32) Benzoic acid	9.828	122	314650	45.174	ng	97
33) 4-Chloroaniline	10.651	127	167324	16.086	ng	99
34) Hexachlorobutadiene	10.816	225	250745	48.864	ng	97
35) Caprolactam	11.440	113	142897	47.516	ng	97
36) 4-Chloro-3-methylphenol	11.787	107	461801	48.644	ng	100
37) 2-Methylnaphthalene	12.145	142	809672	39.526	ng	98
38) 1-Methylnaphthalene	12.369	142	849406	42.386	ng	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	463402	47.313	ng	99
41) Hexachlorocyclopentadiene	12.498	237	561850	162.196	ng	98
43) 2,4,6-Trichlorophenol	12.769	196	336610	51.692	ng	97

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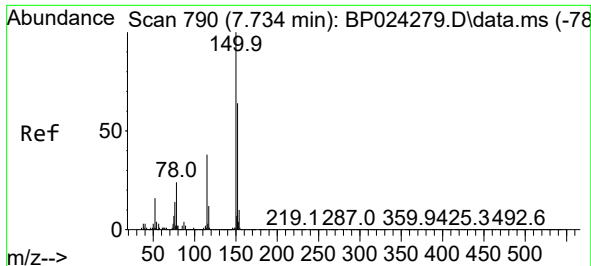
Quant Time: May 02 15:58:55 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	369577	51.252	ng	99
46) 1,1'-Biphenyl	13.169	154	1162676	44.412	ng	98
47) 2-Chloronaphthalene	13.210	162	897224	45.856	ng	98
48) 2-Nitroaniline	13.416	65	280833	51.168	ng	98
49) Acenaphthylene	14.057	152	1478834	48.005	ng	99
50) Dimethylphthalate	13.804	163	1201945	46.406	ng	100
51) 2,6-Dinitrotoluene	13.922	165	263396	47.891	ng	94
52) Acenaphthene	14.410	154	840852	43.055	ng	98
53) 3-Nitroaniline	14.257	138	114751	19.851	ng	99
54) 2,4-Dinitrophenol	14.469	184	338338	104.435	ng	90
55) Dibenzofuran	14.745	168	1351042	42.322	ng	97
56) 4-Nitrophenol	14.592	139	511547	102.466	ng	92
57) 2,4-Dinitrotoluene	14.716	165	385128	51.333	ng	99
58) Fluorene	15.410	166	1134163	45.894	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	333515	50.147	ng	99
60) Diethylphthalate	15.186	149	1245961	46.681	ng	100
61) 4-Chlorophenyl-phenyle...	15.410	204	558820	46.567	ng	98
62) 4-Nitroaniline	15.439	138	284033	46.416	ng	88
63) Azobenzene	15.704	77	1176345	47.951	ng	96
65) 4,6-Dinitro-2-methylph...	15.498	198	222382	47.471	ng	95
66) n-Nitrosodiphenylamine	15.628	169	1002140	45.186	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	387242	47.652	ng	98
68) Hexachlorobenzene	16.439	284	478526	49.554	ng	98
69) Atrazine	16.610	200	385671	68.277	ng	98
70) Pentachlorophenol	16.804	266	685997	101.830	ng	100
71) Phenanthrene	17.198	178	1830537	45.159	ng	99
72) Anthracene	17.286	178	1881270	48.154	ng	99
73) Carbazole	17.575	167	1792412	46.956	ng	99
74) Di-n-butylphthalate	18.163	149	2288511	48.121	ng	100
75) Fluoranthene	19.280	202	2232564	46.309	ng	97
77) Benzidine	19.486	184	965153	92.229	ng	99
78) Pyrene	19.657	202	2308010	43.991	ng	99
80) Butylbenzylphthalate	20.610	149	1093013	48.638	ng	98
81) Benzo(a)anthracene	21.580	228	2362610	46.042	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	491219	27.274	ng	99
83) Chrysene	21.651	228	2205230	44.857	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	1649135	50.059	ng	99
85) Di-n-octyl phthalate	22.786	149	2755675	51.453	ng	100
87) Indeno(1,2,3-cd)pyrene	28.756	276	3278573m	48.562	ng	
88) Benzo(b)fluoranthene	23.892	252	2555813	43.846	ng	# 97
89) Benzo(k)fluoranthene	23.957	252	2521861	44.789	ng	# 97
90) Benzo(a)pyrene	24.792	252	2441014	48.547	ng	97
91) Dibenzo(a,h)anthracene	28.827	278	2694966	48.092	ng	97
92) Benzo(g,h,i)perylene	29.945	276	2628147	46.077	ng	# 94

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

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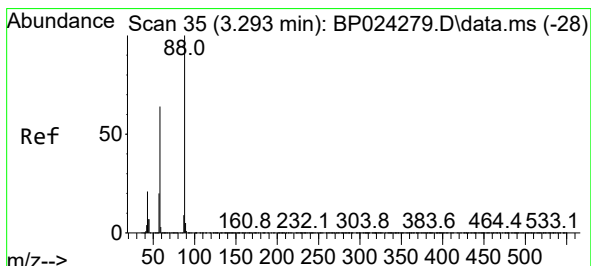
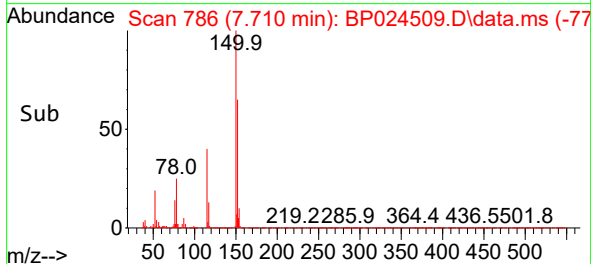
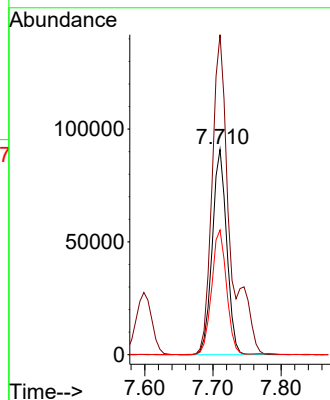
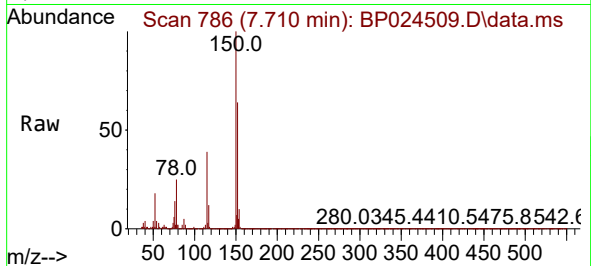




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

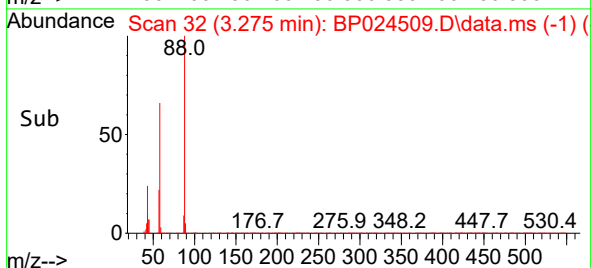
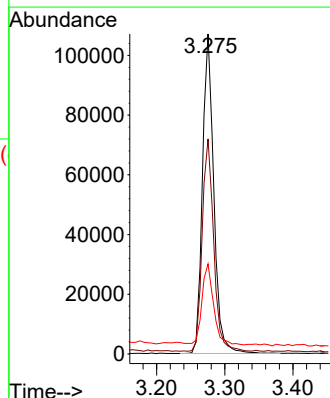
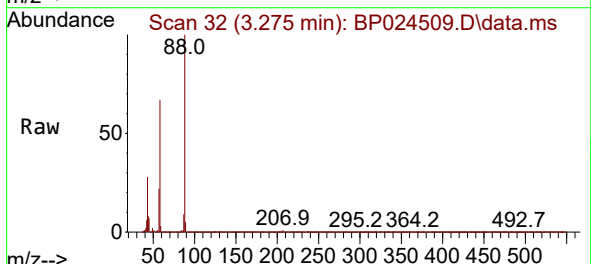
Instrument :
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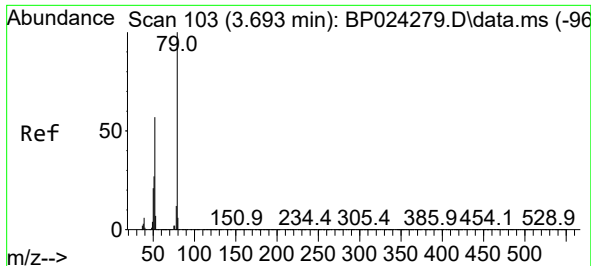
Tgt Ion:152 Resp: 134371
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 60.7 47.7 71.5



#2
1,4-Dioxane
Concen: 36.065 ng
RT: 3.275 min Scan# 32
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion: 88 Resp: 123971
Ion Ratio Lower Upper
88 100
58 66.9 51.4 77.2
43 25.8 17.1 25.7#

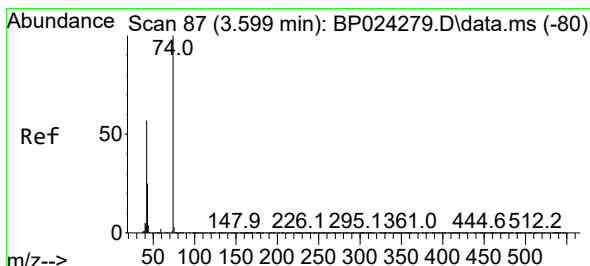
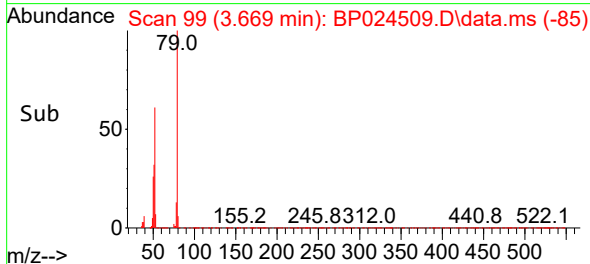
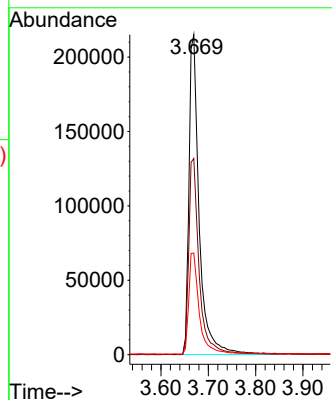
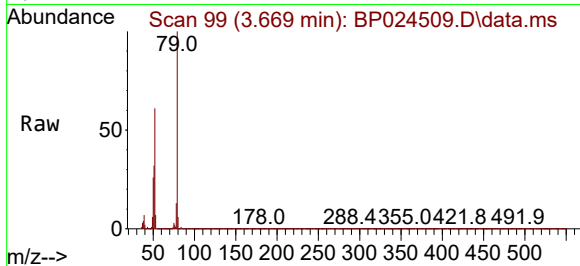




#3
Pyridine
Concen: 35.792 ng
RT: 3.669 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

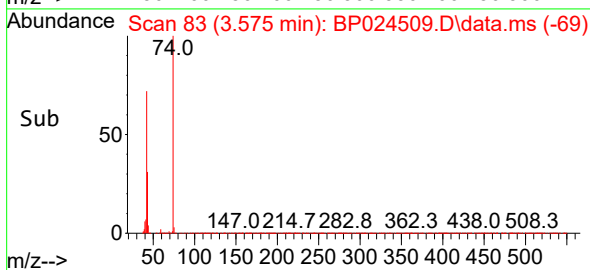
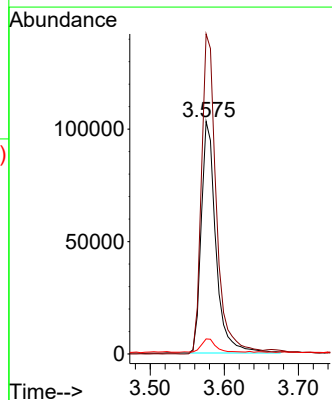
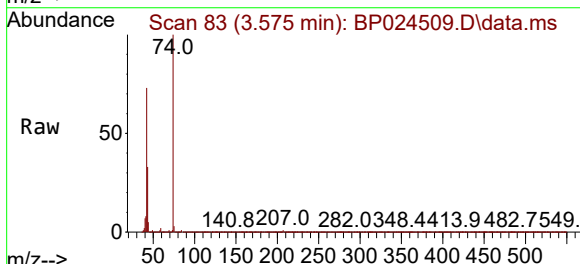
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

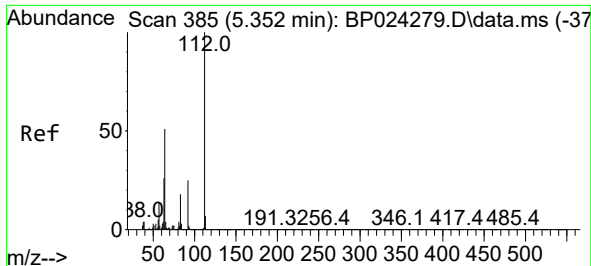
Tgt Ion: 79 Resp: 324879
Ion Ratio Lower Upper
79 100
52 61.3 45.4 68.2
51 31.8 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 46.856 ng
RT: 3.575 min Scan# 83
Delta R.T. -0.018 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion: 42 Resp: 141150
Ion Ratio Lower Upper
42 100
74 137.6 139.5 209.3#
44 6.5 5.8 8.8

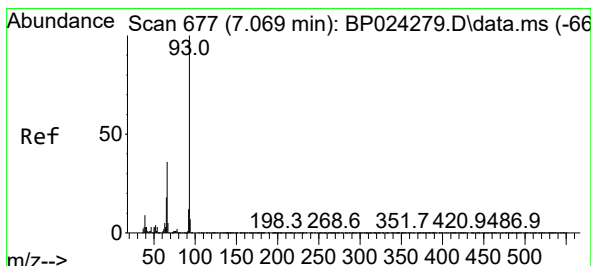
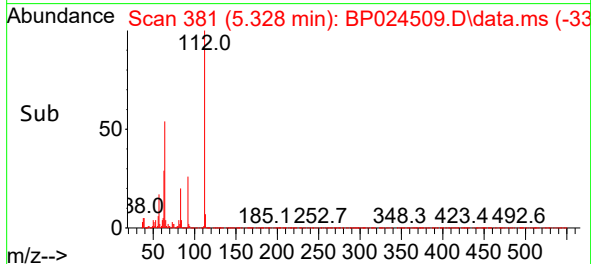
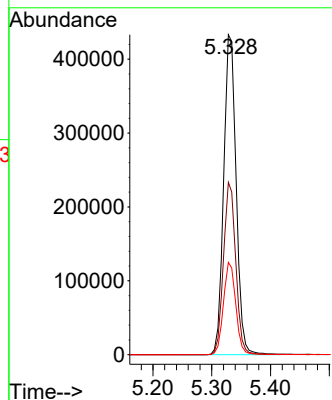
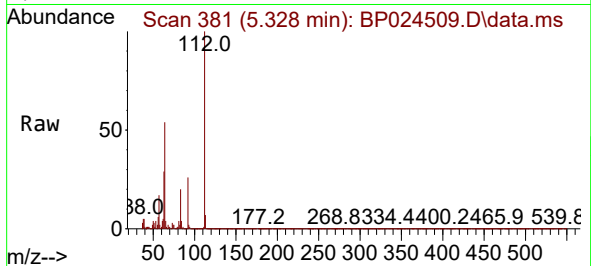




#5
2-Fluorophenol
Concen: 78.318 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

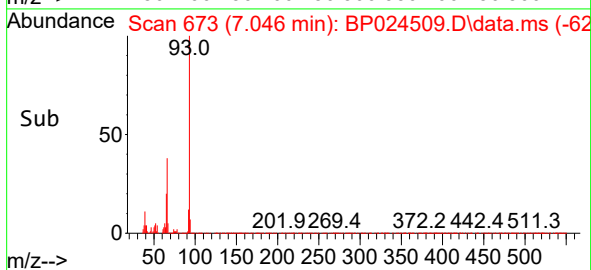
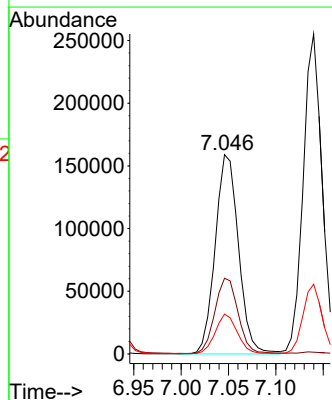
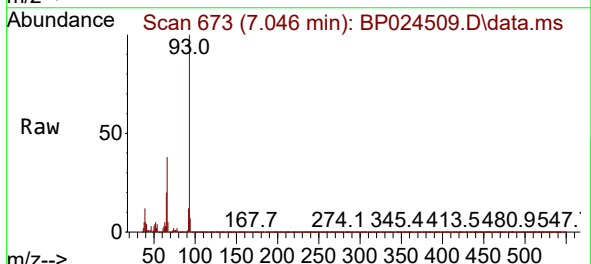
Instrument :
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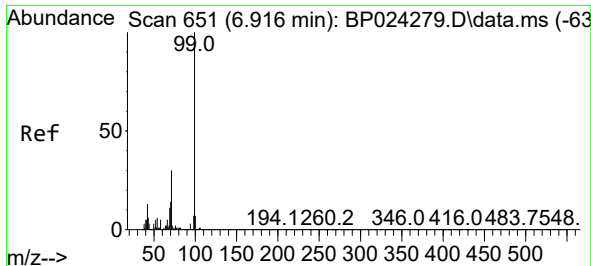
Tgt Ion:112 Resp: 636465
Ion Ratio Lower Upper
112 100
64 53.9 41.1 61.7
63 28.9 20.6 30.8



#6
Aniline
Concen: 27.362 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion: 93 Resp: 272076
Ion Ratio Lower Upper
93 100
66 38.0 29.1 43.7
65 20.0 14.7 22.1

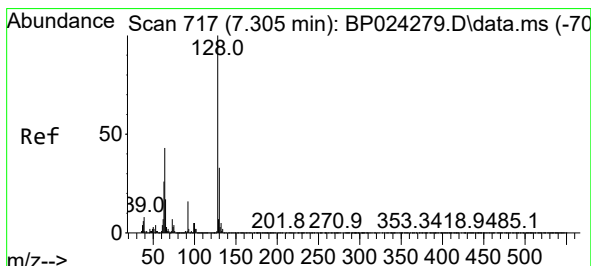
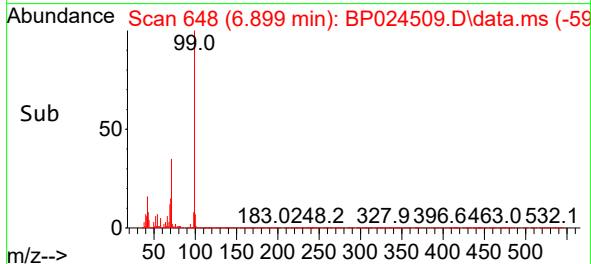
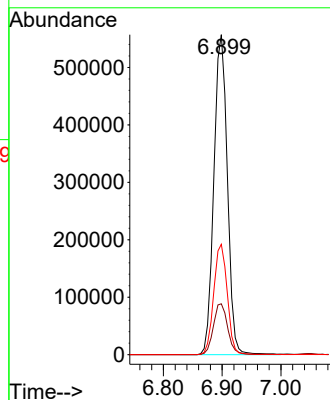
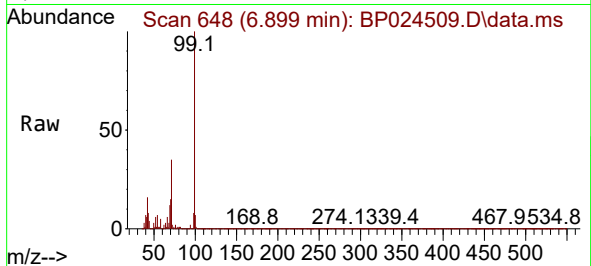




#7
Phenol-d6
Concen: 79.862 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

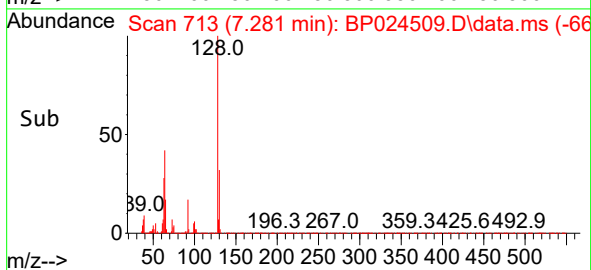
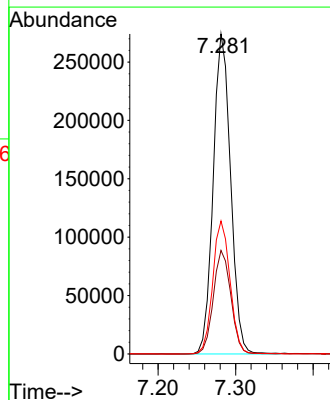
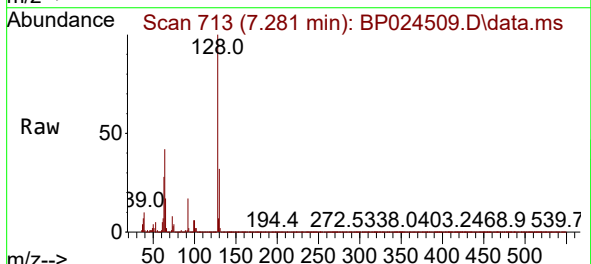
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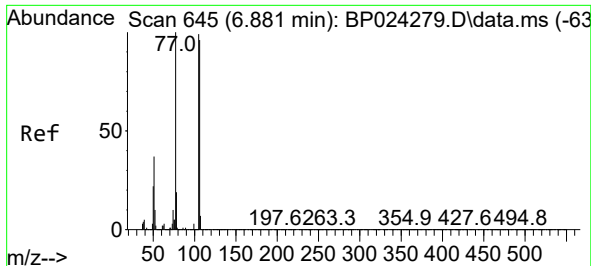
Tgt Ion: 99 Resp: 888676
Ion Ratio Lower Upper
99 100
42 15.9 10.6 16.0
71 34.5 23.7 35.5



#8
2-Chlorophenol
Concen: 47.065 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:128 Resp: 427041
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 41.6 22.7 62.7

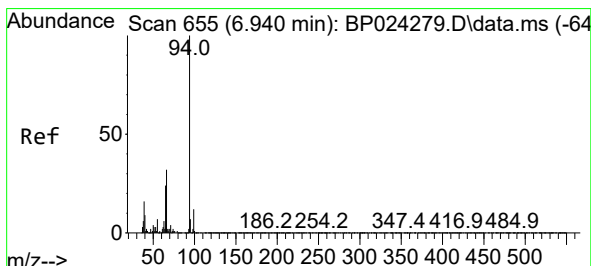
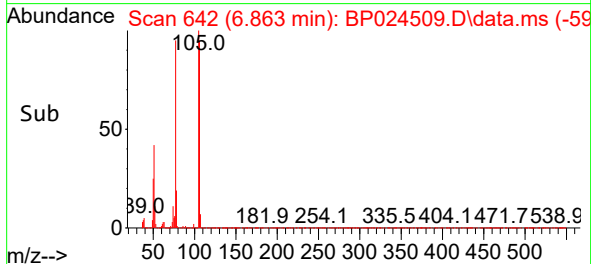
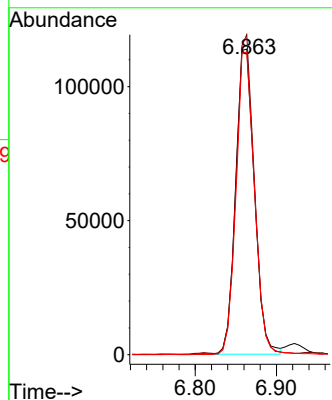
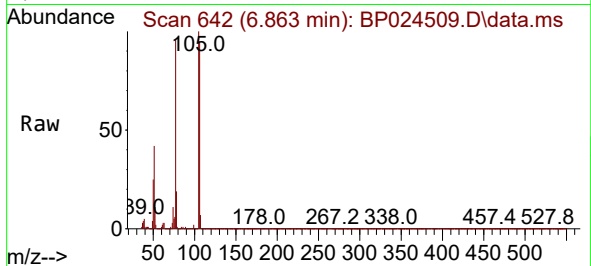




#9
Benzaldehyde
Concen: 33.229 ng
RT: 6.863 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

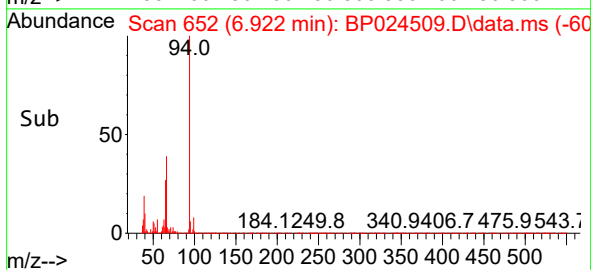
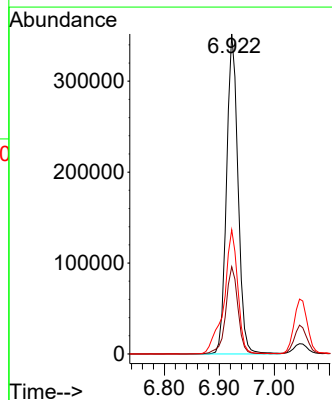
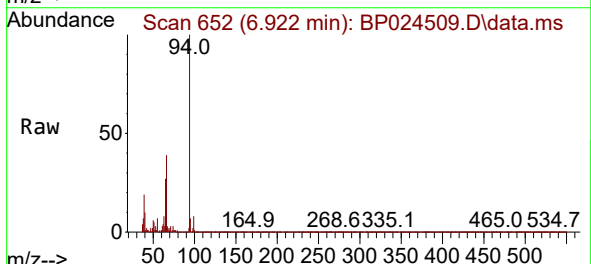
Instrument :
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ClientSampleId :
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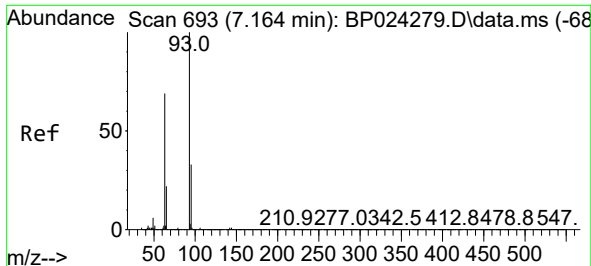
Tgt Ion: 77 Resp: 182907
Ion Ratio Lower Upper
77 100
105 104.7 79.2 119.2
106 99.0 76.2 116.2



#10
Phenol
Concen: 45.569 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.018 min
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Tgt Ion: 94 Resp: 508675
Ion Ratio Lower Upper
94 100
65 27.2 4.5 44.5
66 38.8 12.4 52.4

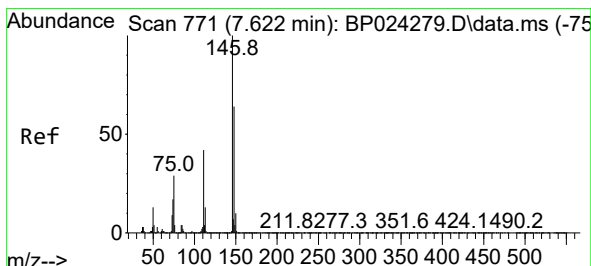
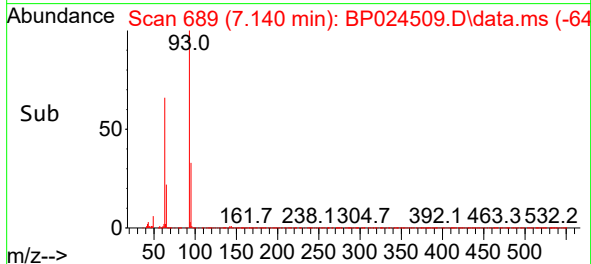
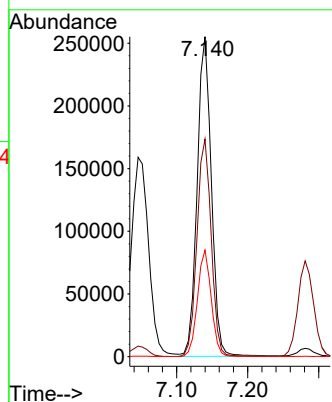
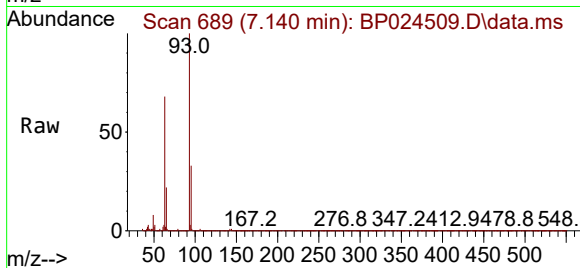




#11
bis(2-Chloroethyl)ether
Concen: 39.589 ng
RT: 7.140 min Scan# 611
Delta R.T. -0.018 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

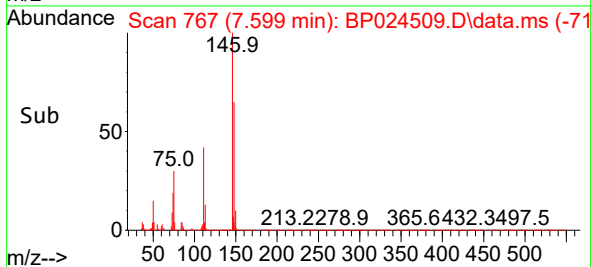
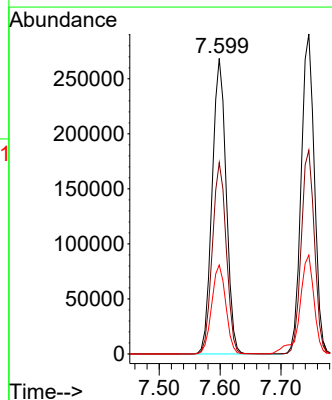
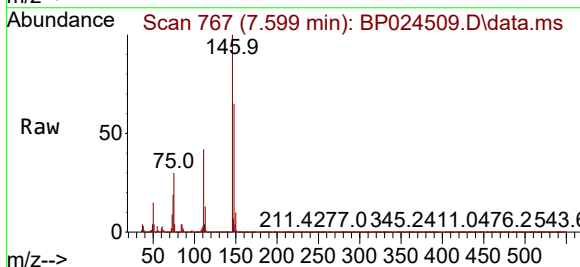
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

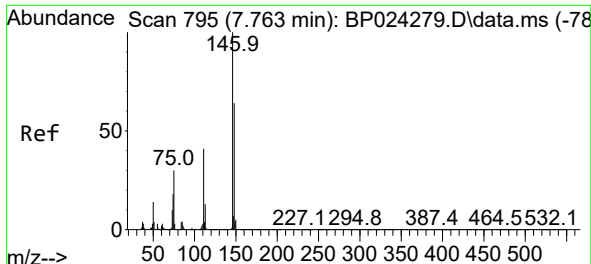
Tgt Ion: 93 Resp: 356058
Ion Ratio Lower Upper
93 100
63 68.0 48.6 88.6
95 33.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.952 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.018 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion: 146 Resp: 429327
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
75 30.1 22.9 34.3

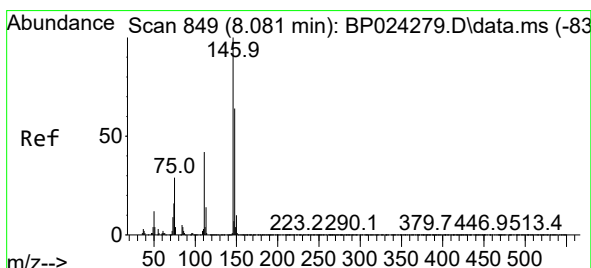
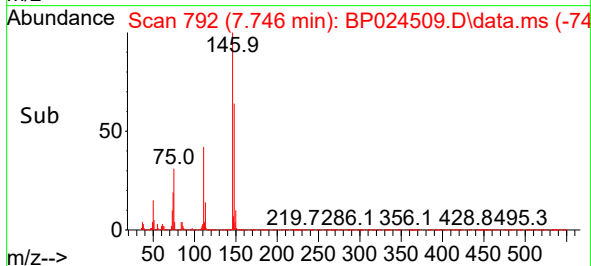
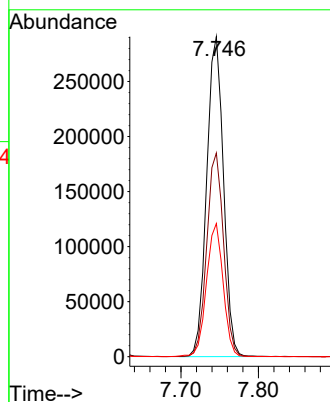
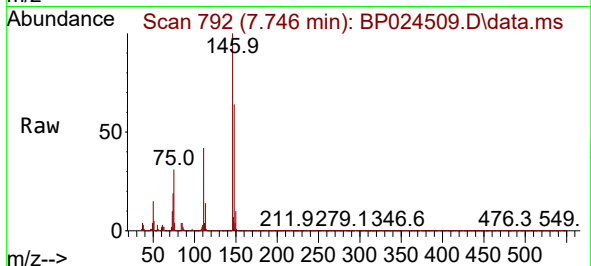




#13
1,4-Dichlorobenzene
Concen: 44.038 ng
RT: 7.746 min Scan# 795
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

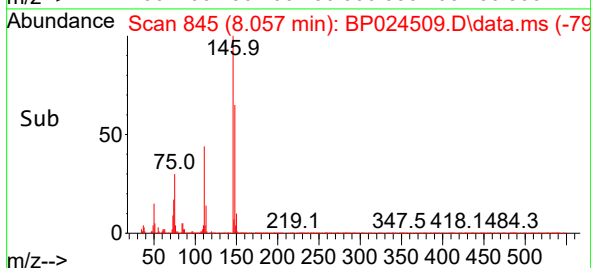
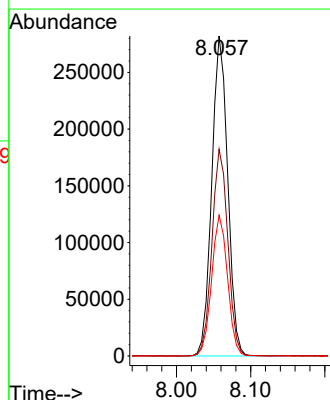
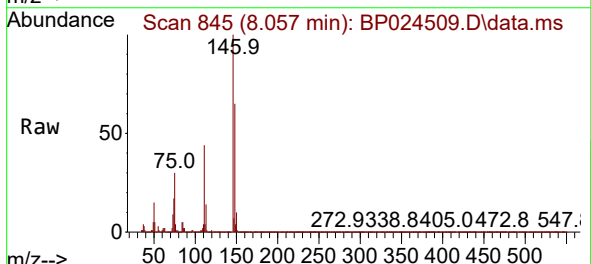
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

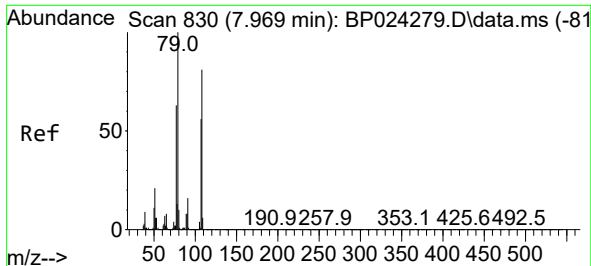
Tgt Ion:146 Resp: 436461
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 41.6 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 43.965 ng
RT: 8.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:146 Resp: 420751
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
111 43.9 33.8 50.8

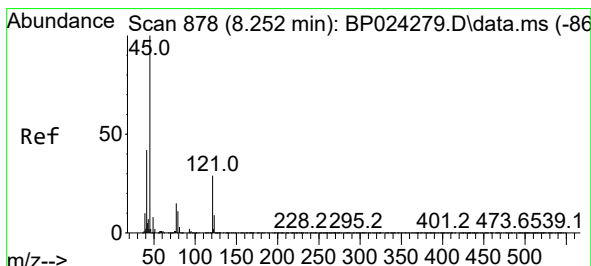
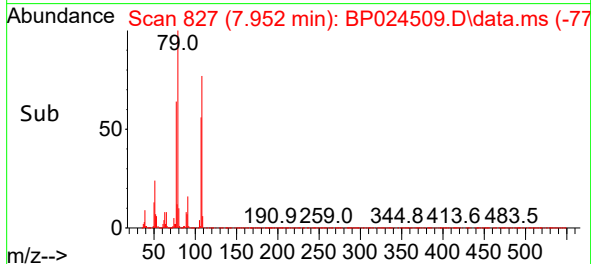
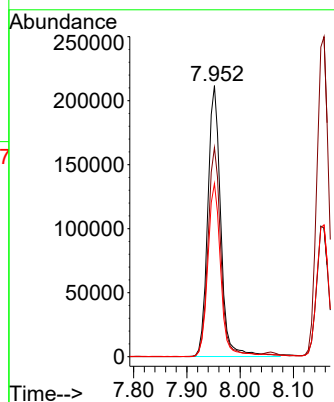
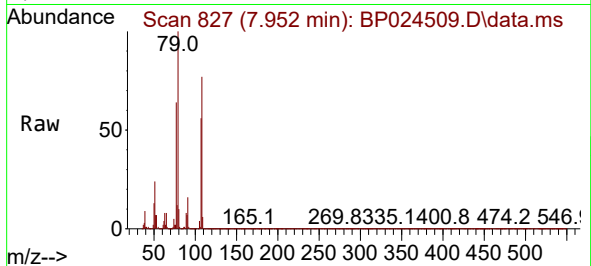




#15
Benzyl Alcohol
Concen: 49.720 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

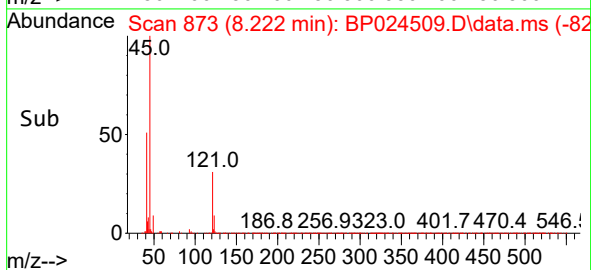
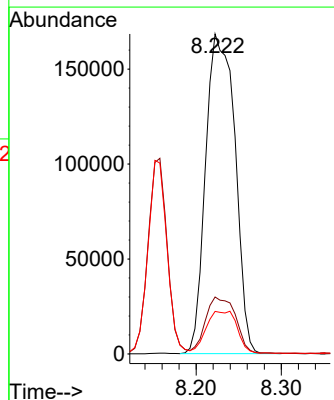
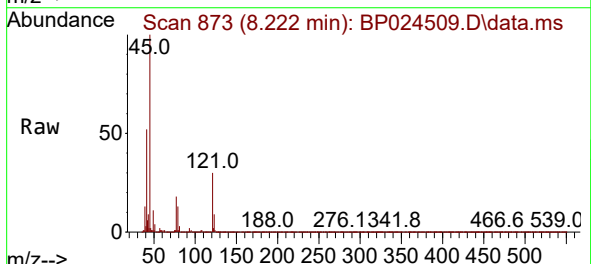
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

Tgt Ion: 79 Resp: 357799
Ion Ratio Lower Upper
79 100
108 77.2 65.1 97.7
77 63.9 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.376 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.024 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion: 45 Resp: 402239
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 13.3 0.0 33.5





#17

2-Methylphenol

Concen: 48.558 ng

RT: 8.157 min Scan# 8

Delta R.T. -0.012 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

Tgt Ion:107 Resp: 350646

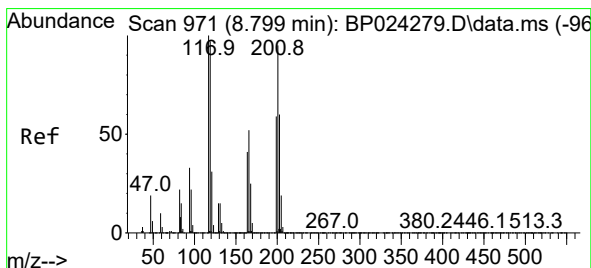
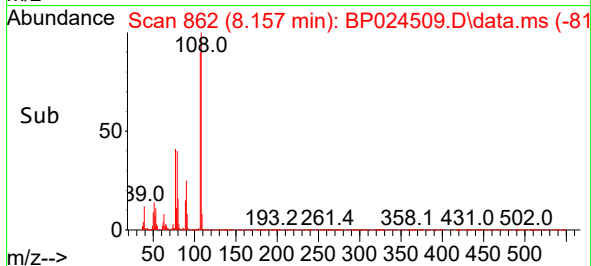
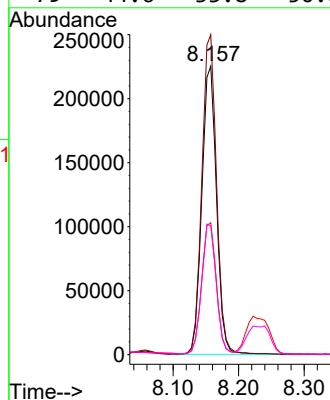
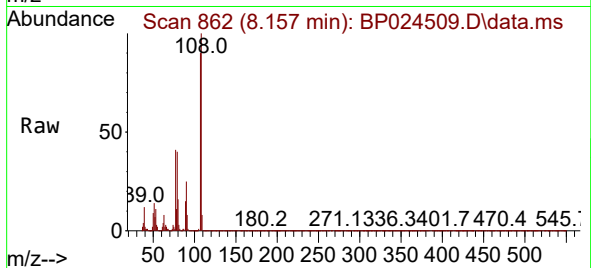
Ion Ratio Lower Upper

107 100

108 110.9 89.8 134.6

77 45.7 34.2 51.4

79 44.6 33.8 50.8



#18

Hexachloroethane

Concen: 44.859 ng

RT: 8.775 min Scan# 967

Delta R.T. -0.018 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

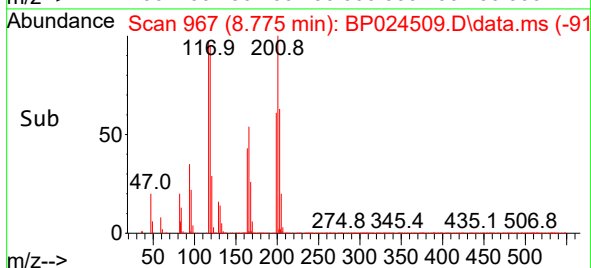
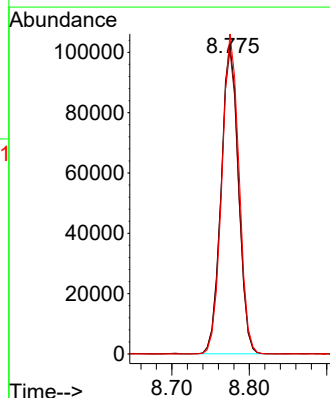
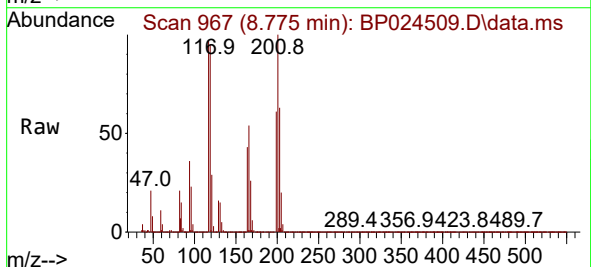
Tgt Ion:117 Resp: 160673

Ion Ratio Lower Upper

117 100

119 97.9 77.8 116.6

201 103.2 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.699 ng

RT: 8.504 min Scan# 91

Delta R.T. -0.018 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

Tgt Ion: 70 Resp: 280183

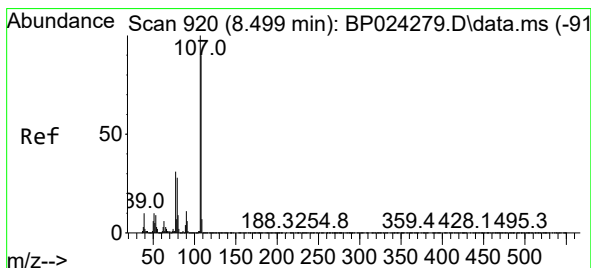
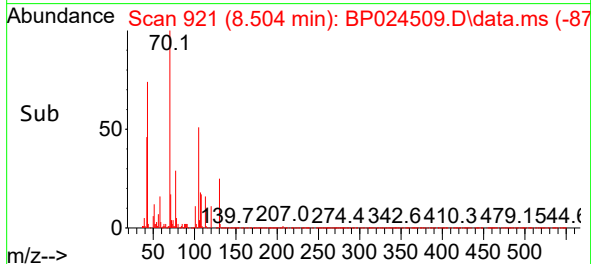
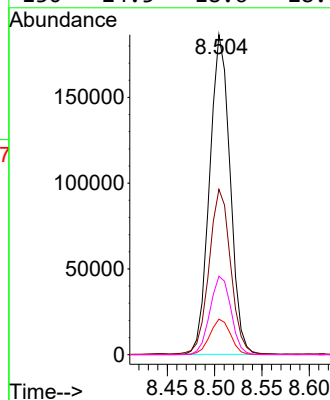
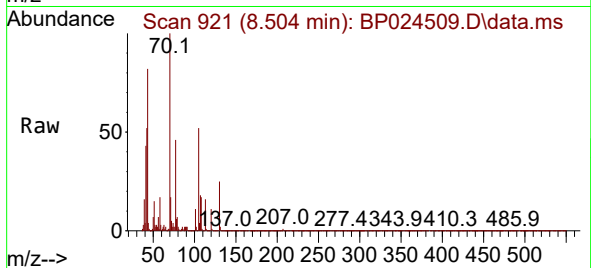
Ion Ratio Lower Upper

70 100

42 51.7 37.3 55.9

101 11.1 8.2 12.4

130 24.5 18.6 28.0



#20

3+4-Methylphenols

Concen: 47.620 ng

RT: 8.481 min Scan# 917

Delta R.T. -0.012 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Tgt Ion: 107 Resp: 477143

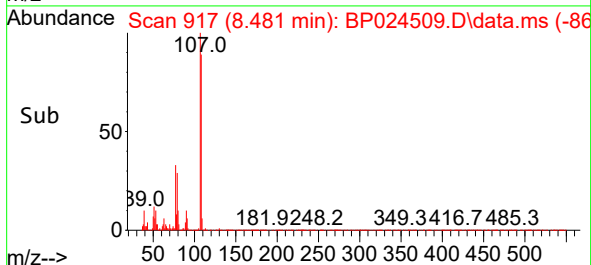
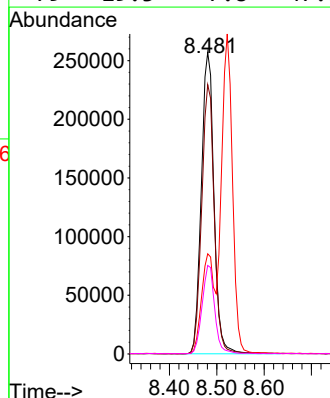
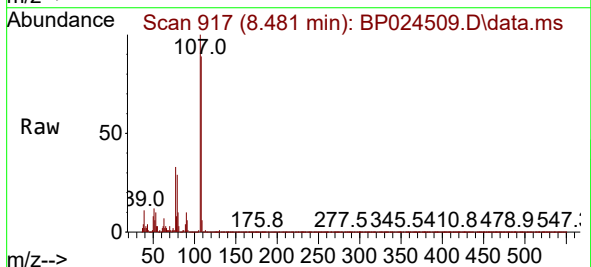
Ion Ratio Lower Upper

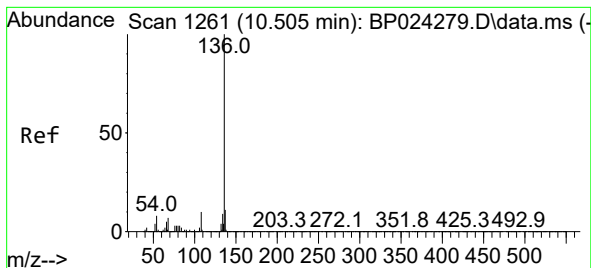
107 100

108 89.3 69.8 109.8

77 33.2 11.5 51.5

79 29.3 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.481 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

Tgt Ion:136 Resp: 560731

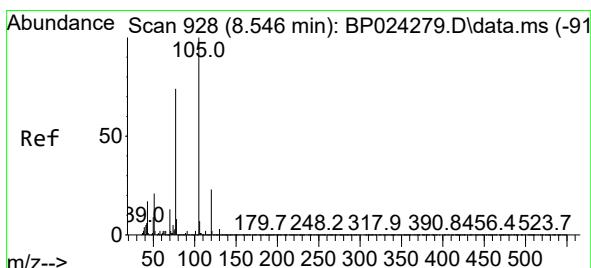
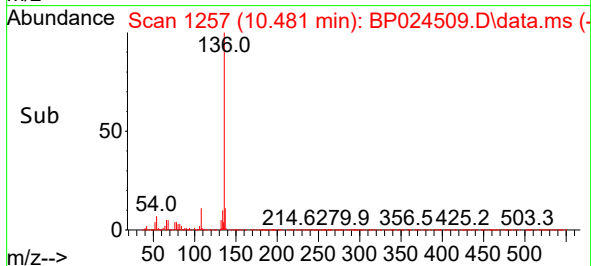
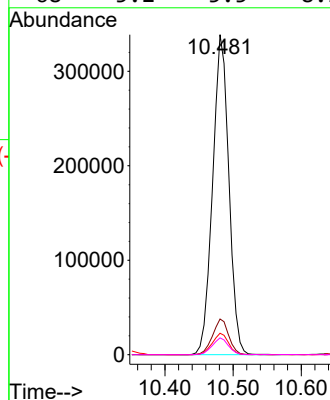
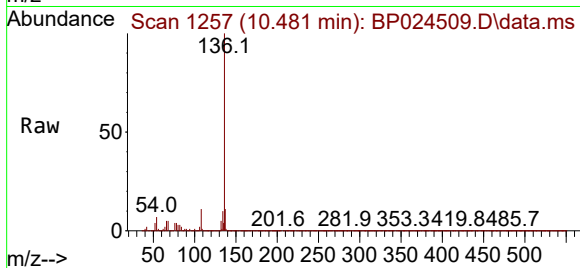
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.7 6.0 9.0

68 5.2 5.5 8.3#



#22

Acetophenone

Concen: 42.966 ng

RT: 8.522 min Scan# 924

Delta R.T. -0.018 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Tgt Ion:105 Resp: 596302

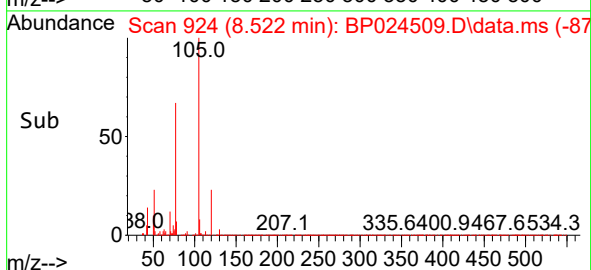
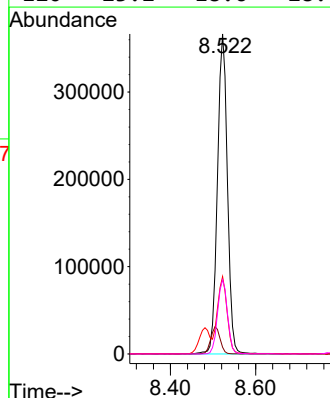
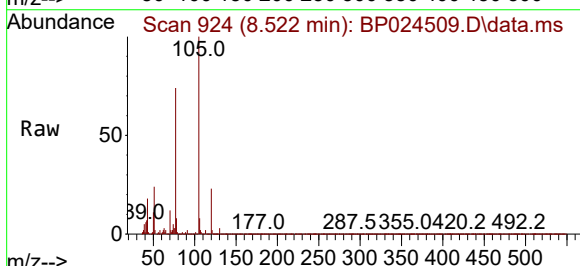
Ion Ratio Lower Upper

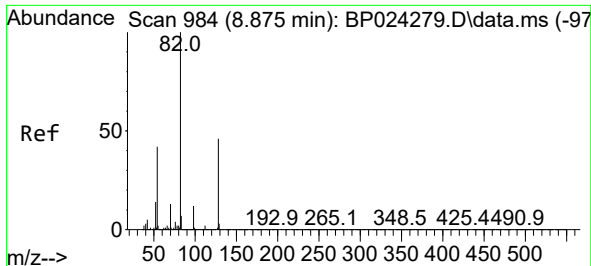
105 100

71 2.1 1.7 2.5

51 24.2 16.9 25.3

120 23.2 18.6 28.0

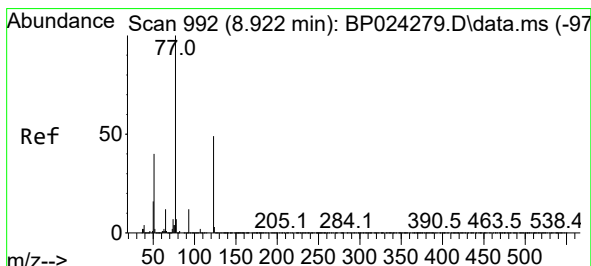
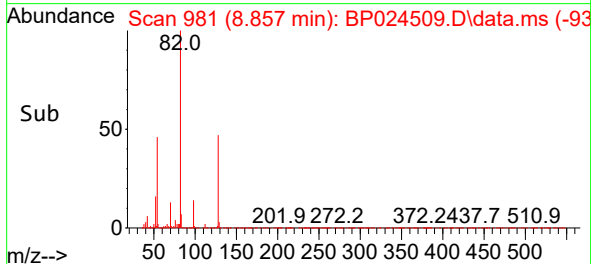
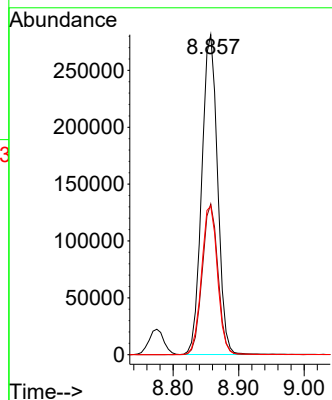
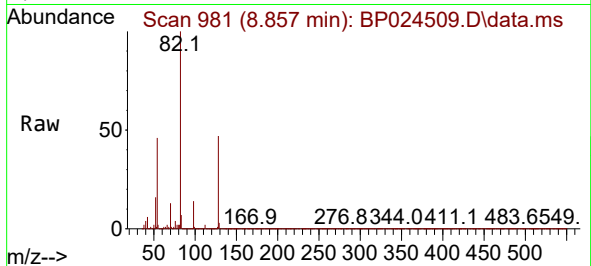




#23
Nitrobenzene-d5
Concen: 48.034 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

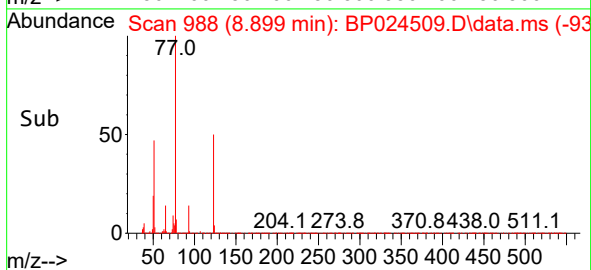
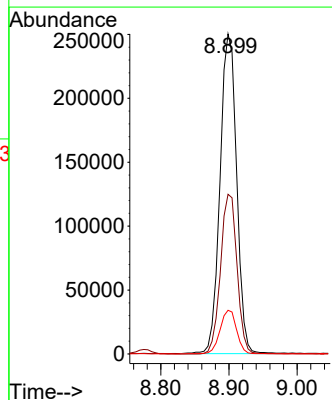
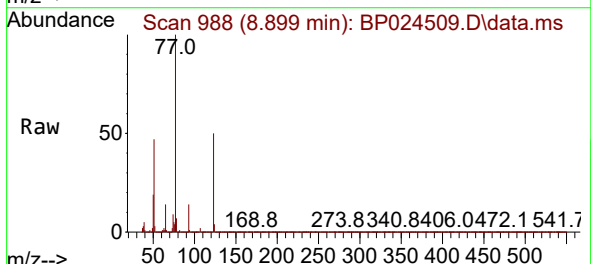
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

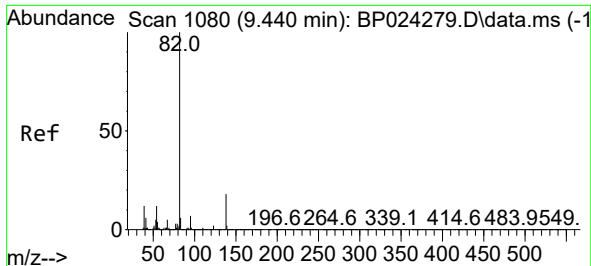
Tgt Ion: 82 Resp: 472356
Ion Ratio Lower Upper
82 100
128 47.1 36.5 54.7
54 46.4 33.4 50.2



#24
Nitrobenzene
Concen: 43.619 ng
RT: 8.899 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion: 77 Resp: 424326
Ion Ratio Lower Upper
77 100
123 49.9 39.2 58.8
65 13.6 9.8 14.6

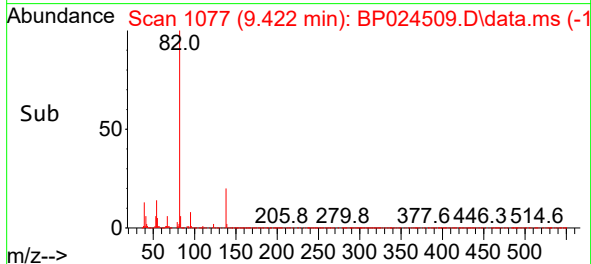
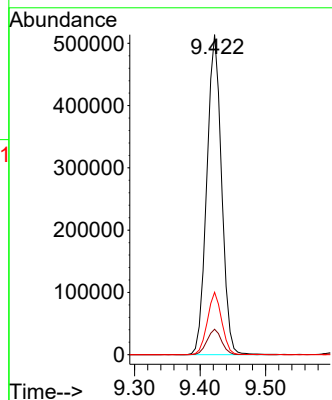
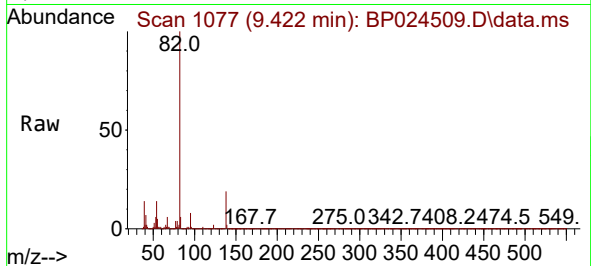




#25
Isophorone
Concen: 45.198 ng
RT: 9.422 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

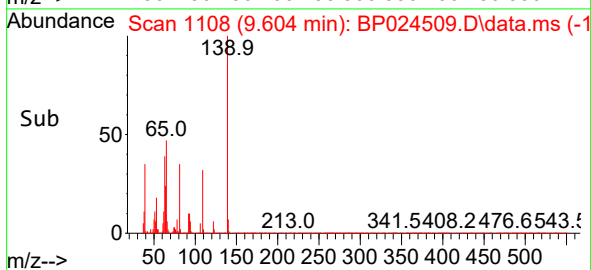
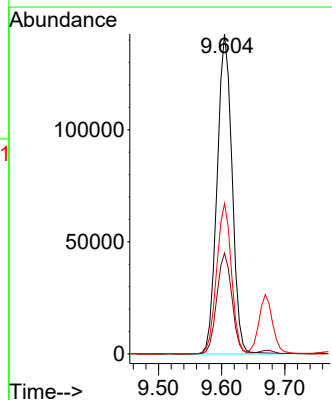
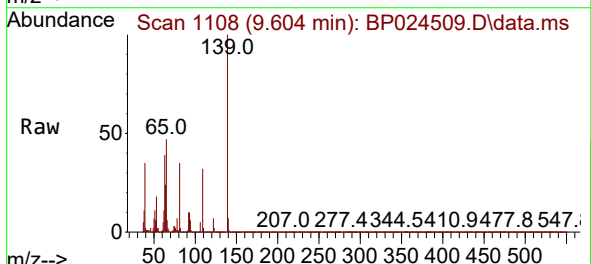
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

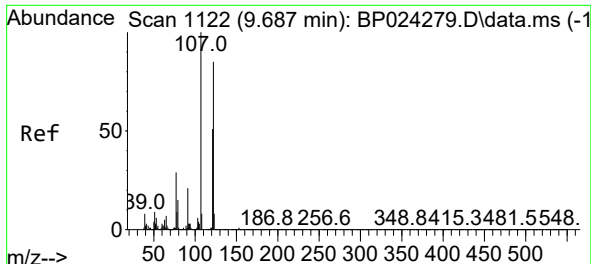
Tgt Ion: 82 Resp: 804515
Ion Ratio Lower Upper
82 100
95 7.9 5.4 8.2
138 19.5 14.4 21.6



#26
2-Nitrophenol
Concen: 49.392 ng
RT: 9.604 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion: 139 Resp: 235139
Ion Ratio Lower Upper
139 100
109 31.5 21.8 32.6
65 47.1 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 64.819 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

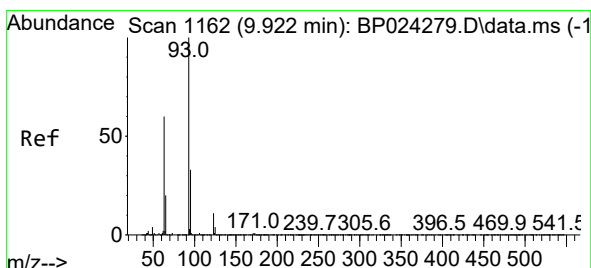
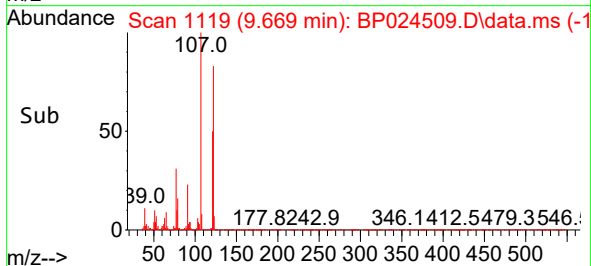
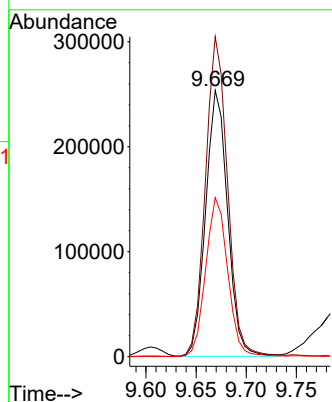
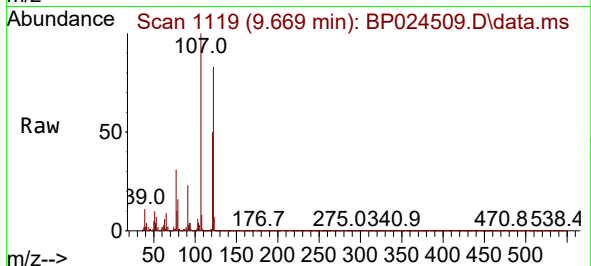
Tgt Ion:122 Resp: 387464

Ion Ratio Lower Upper

122 100

107 120.2 93.7 140.5

121 59.8 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 40.819 ng

RT: 9.899 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

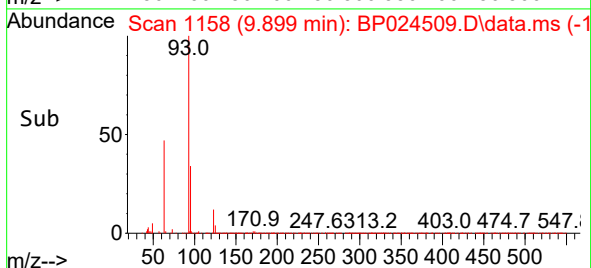
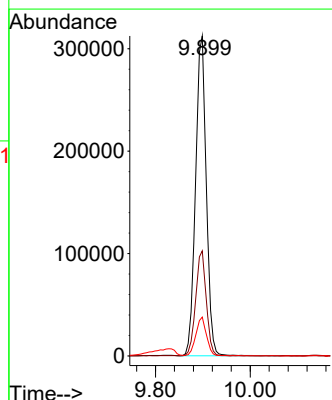
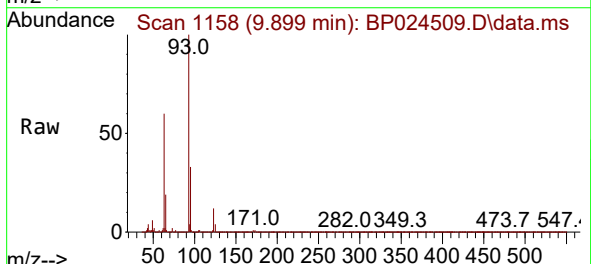
Tgt Ion: 93 Resp: 490825

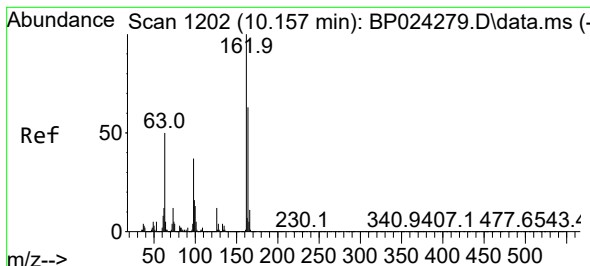
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 12.2 9.1 13.7

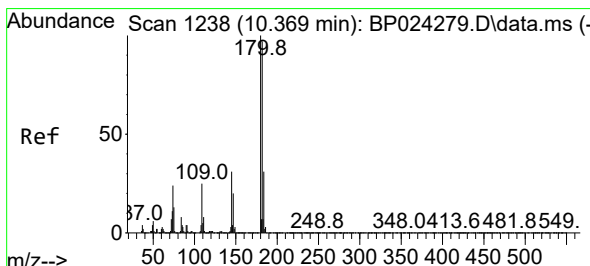
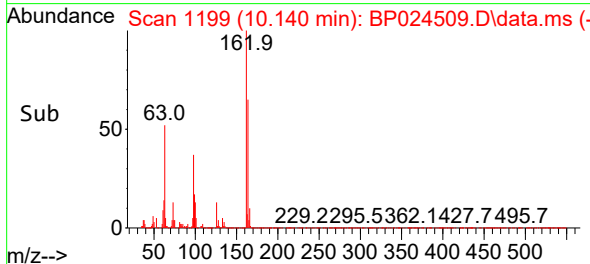
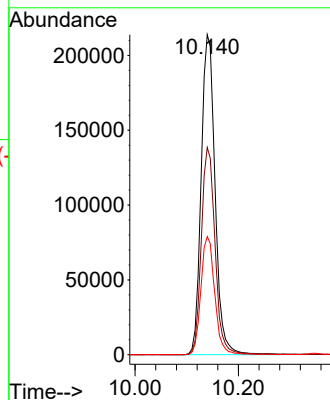
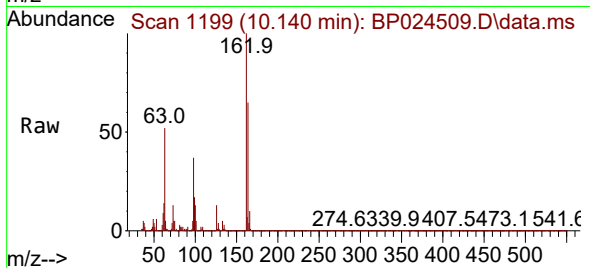




#29
2,4-Dichlorophenol
Concen: 49.049 ng
RT: 10.140 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

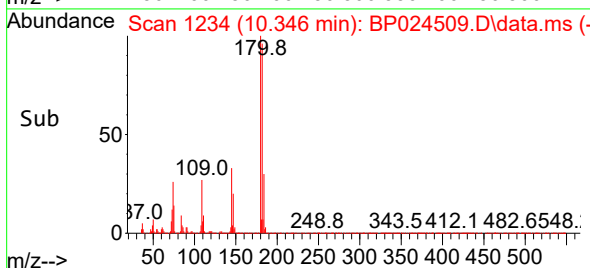
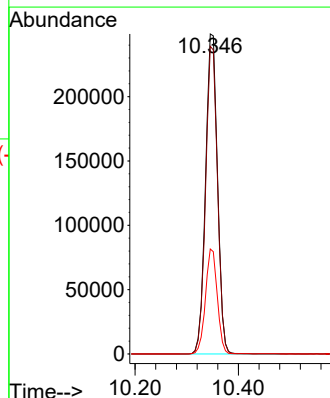
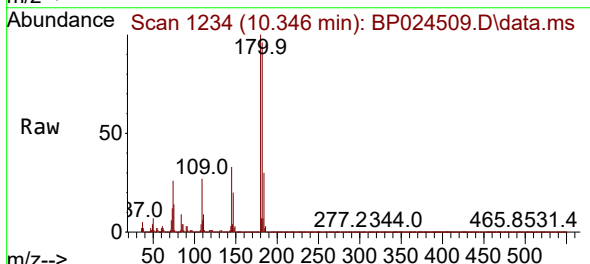
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

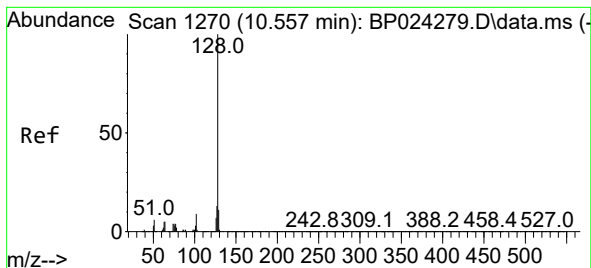
Tgt Ion:162 Resp: 399772
Ion Ratio Lower Upper
162 100
164 64.8 43.3 83.3
98 36.9 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 45.715 ng
RT: 10.346 min Scan# 1234
Delta R.T. -0.018 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:180 Resp: 399208
Ion Ratio Lower Upper
180 100
182 96.1 77.3 115.9
145 32.8 25.1 37.7

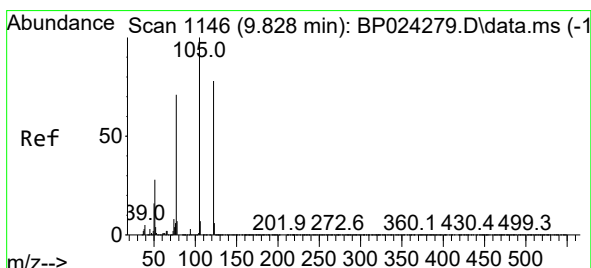
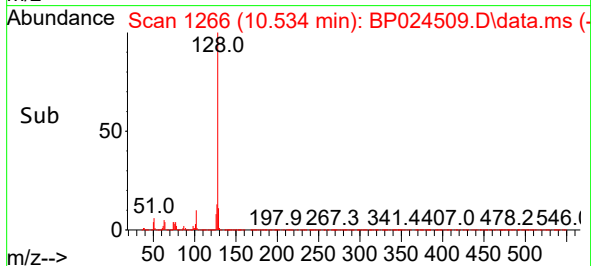
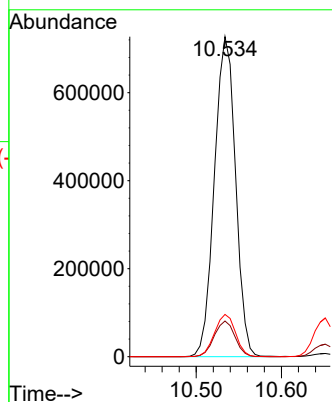
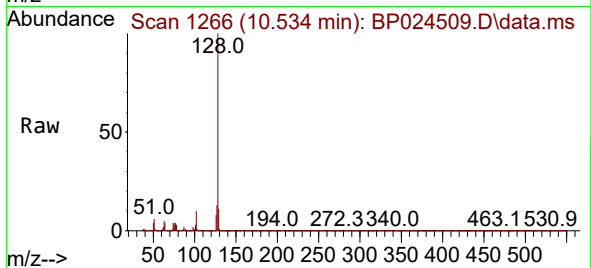




#31
Naphthalene
Concen: 42.376 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

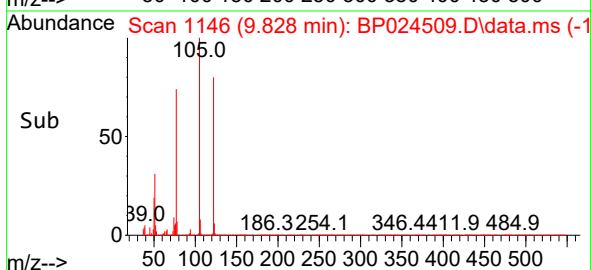
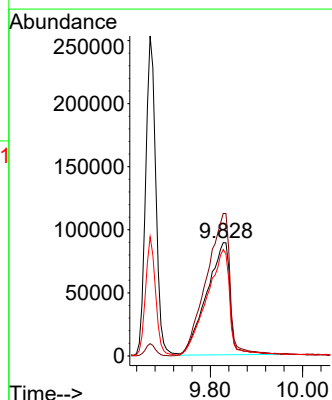
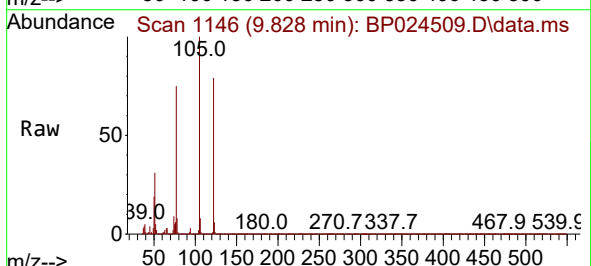
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

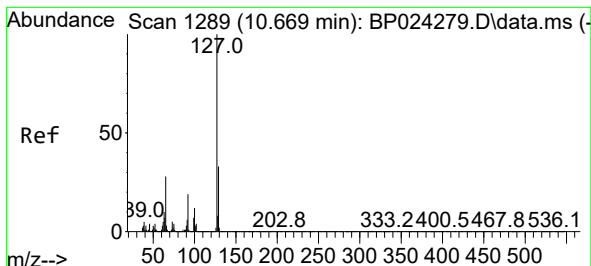
Tgt Ion:128 Resp: 1251667
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 45.174 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:122 Resp: 314650
Ion Ratio Lower Upper
122 100
105 125.8 104.8 144.8
77 93.9 69.2 109.2

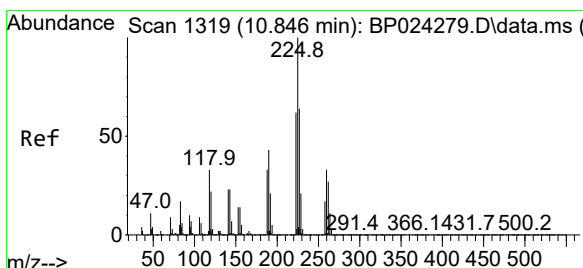
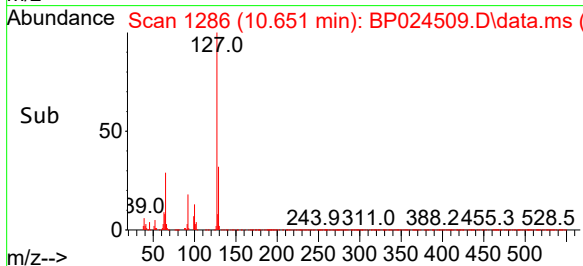
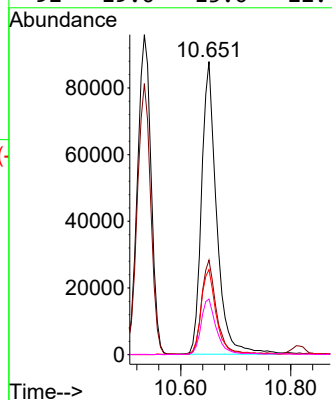
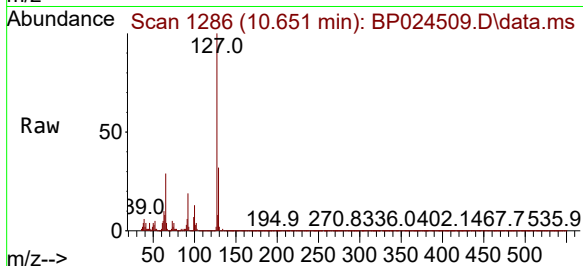




#33
4-Chloroaniline
Concen: 16.086 ng
RT: 10.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

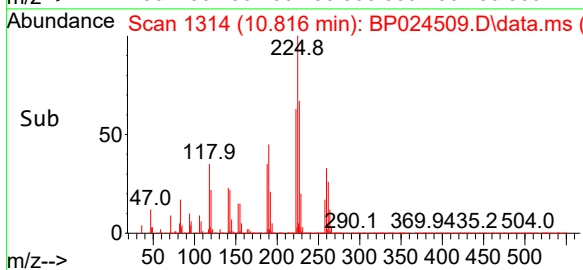
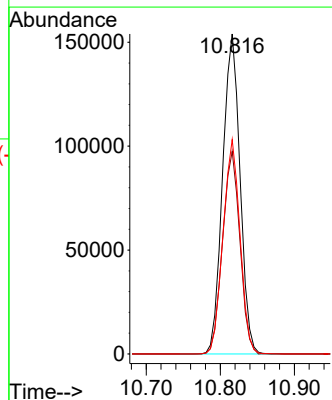
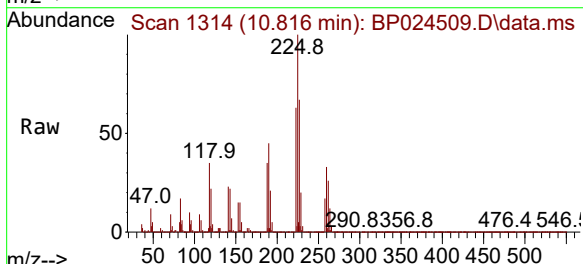
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

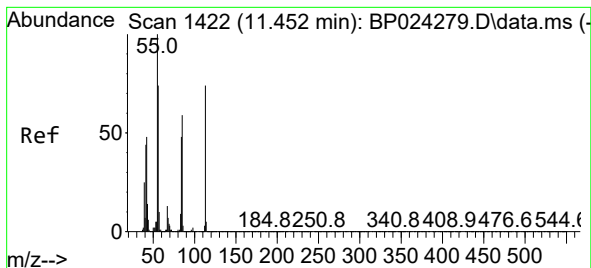
Tgt Ion:	127	Resp:	167324
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	29.0	22.1	33.1
92	19.0	15.0	22.4



#34
Hexachlorobutadiene
Concen: 48.864 ng
RT: 10.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:	225	Resp:	250745
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.5	74.3
227	67.0	50.9	76.3





#35

Caprolactam

Concen: 47.516 ng

RT: 11.440 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

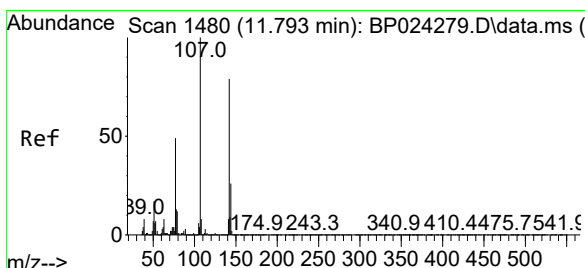
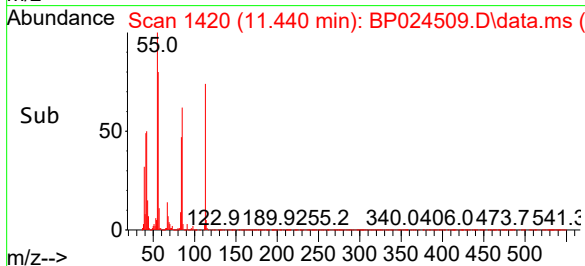
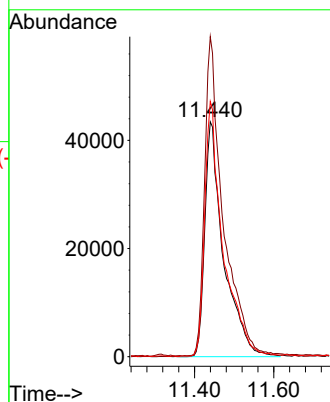
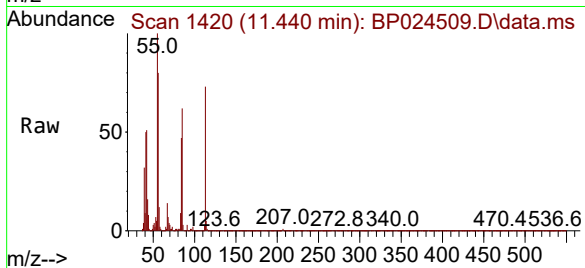
Tgt Ion:113 Resp: 142897

Ion Ratio Lower Upper

113 100

55 136.2 115.9 155.9

56 108.7 81.1 121.1



#36

4-Chloro-3-methylphenol

Concen: 48.644 ng

RT: 11.787 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

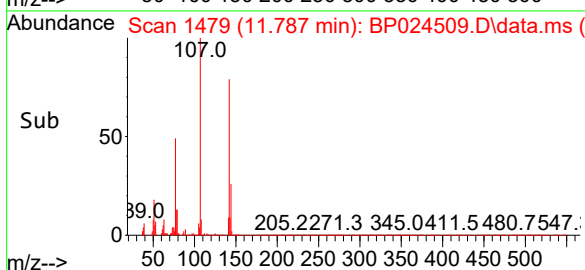
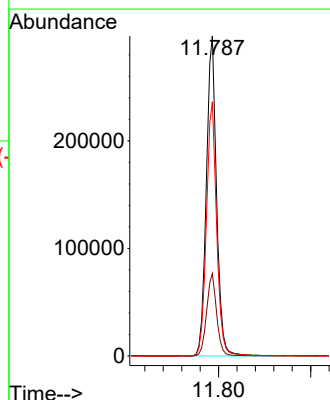
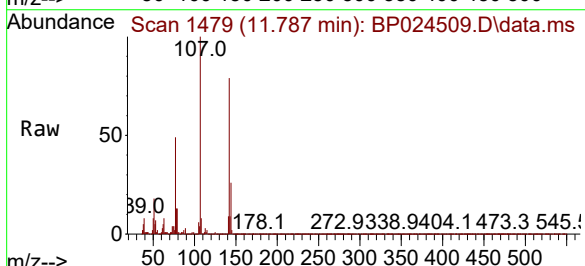
Tgt Ion:107 Resp: 461801

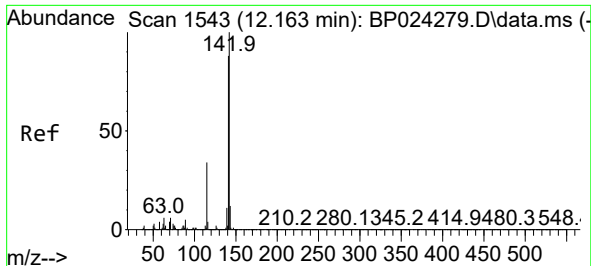
Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

142 79.4 63.4 95.2

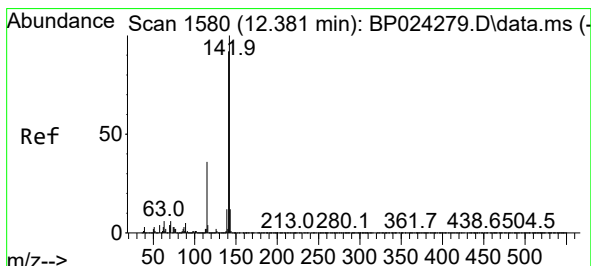
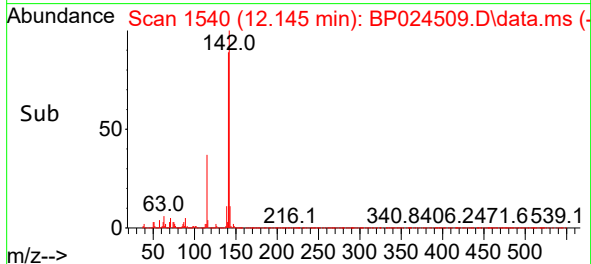
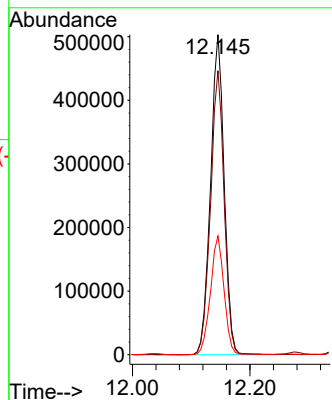
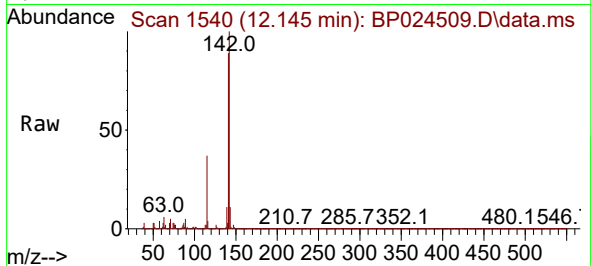




#37
2-Methylnaphthalene
Concen: 39.526 ng
RT: 12.145 min Scan# 1543
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

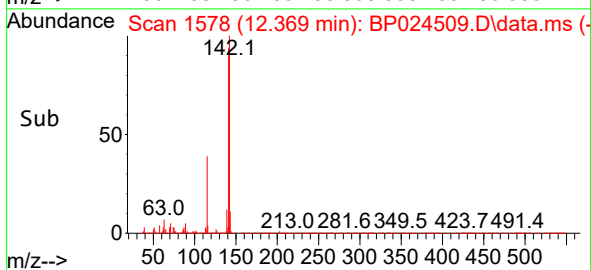
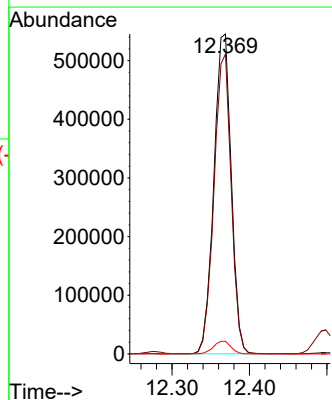
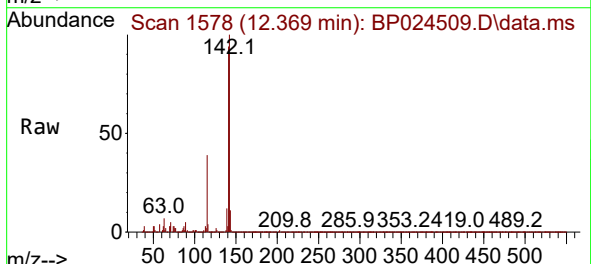
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

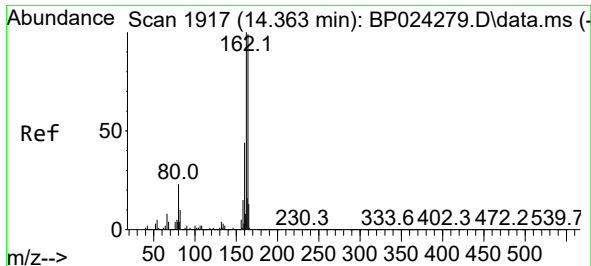
Tgt Ion:142 Resp: 809672
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5
115 37.1 26.9 40.3



#38
1-Methylnaphthalene
Concen: 42.386 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:142 Resp: 849406
Ion Ratio Lower Upper
142 100
141 93.7 73.6 110.4
116 3.9 3.0 4.6

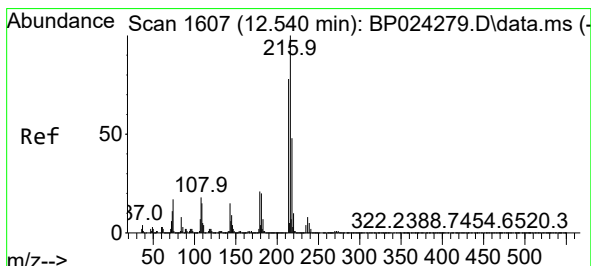
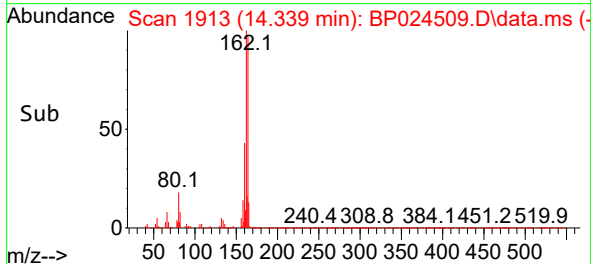
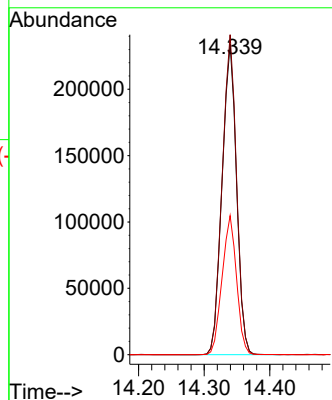
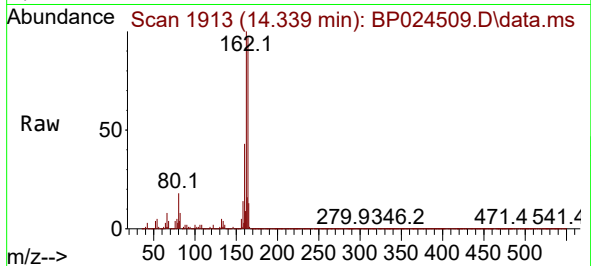




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

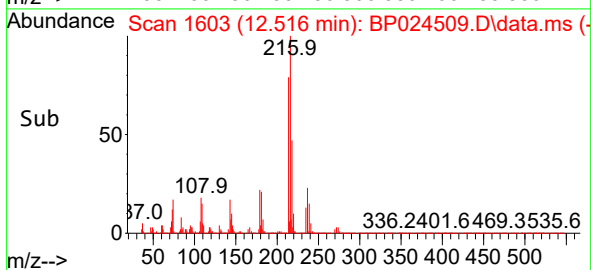
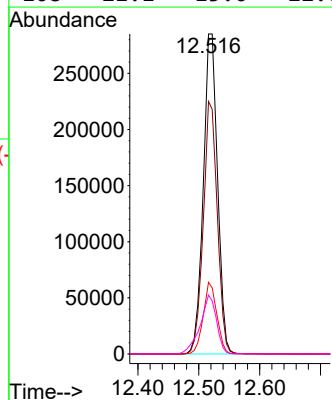
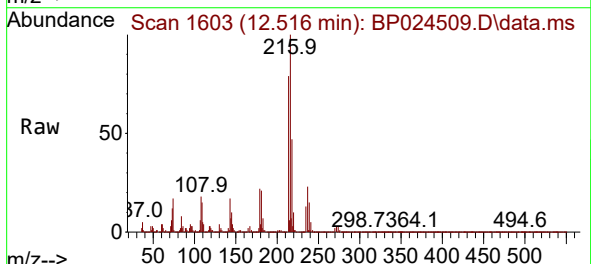
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

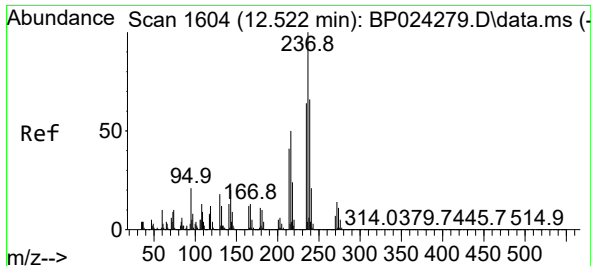
Tgt Ion:164 Resp: 356159
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 44.7 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.313 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:216 Resp: 463402
Ion Ratio Lower Upper
216 100
214 77.7 62.6 93.8
179 21.5 17.2 25.8
108 21.1 15.0 22.6

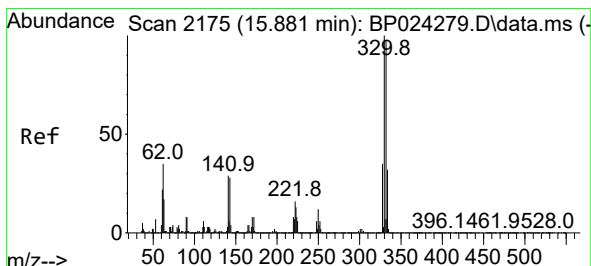
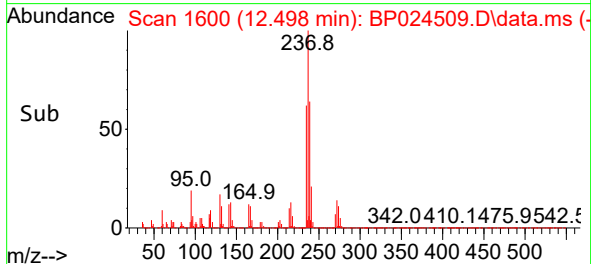
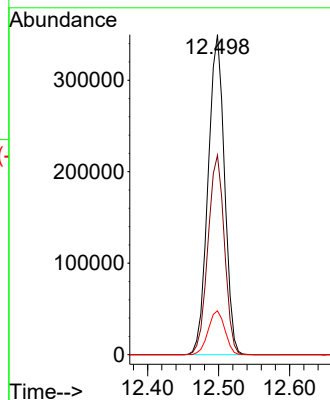
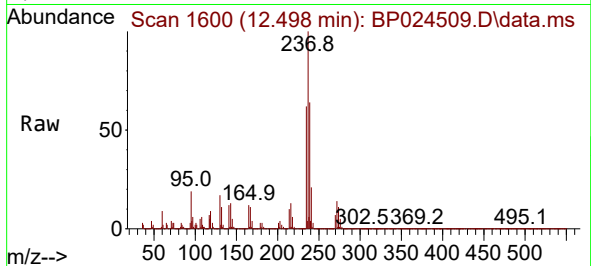




#41
Hexachlorocyclopentadiene
Concen: 162.196 ng
RT: 12.498 min Scan# 1600
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

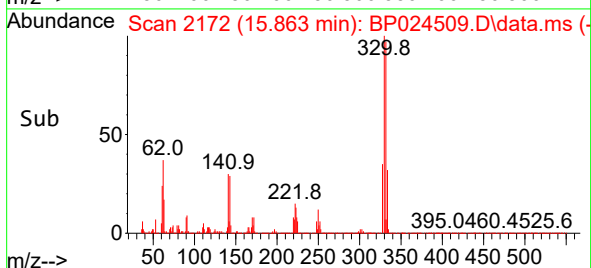
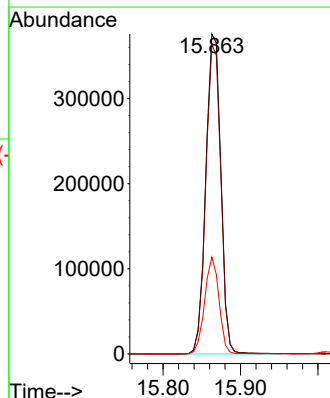
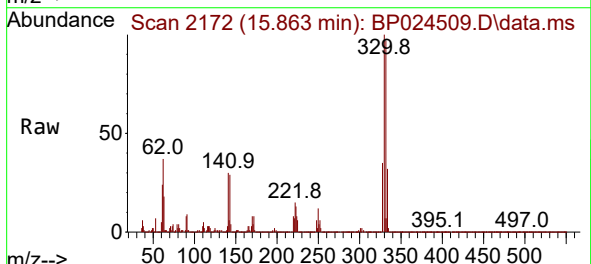
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

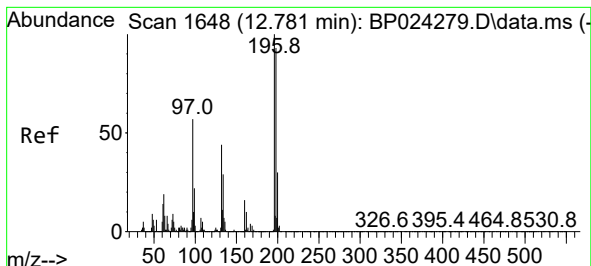
Tgt Ion:237 Resp: 561850
Ion Ratio Lower Upper
237 100
235 62.3 43.9 83.9
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 102.779 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:330 Resp: 506458
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 28.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 51.692 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

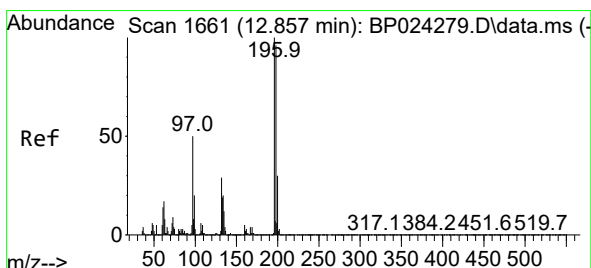
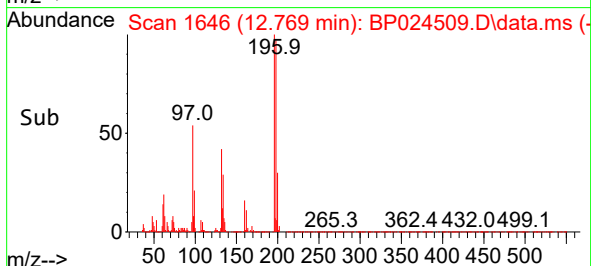
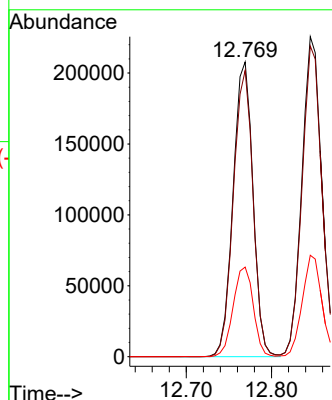
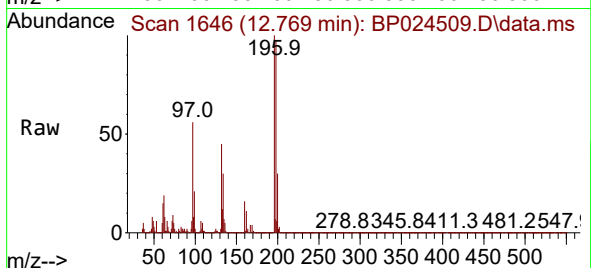
Tgt Ion:196 Resp: 336610

Ion Ratio Lower Upper

196 100

198 97.1 74.3 111.5

200 30.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 51.252 ng

RT: 12.845 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Tgt Ion:196 Resp: 369577

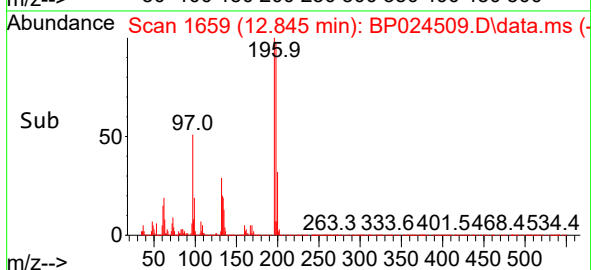
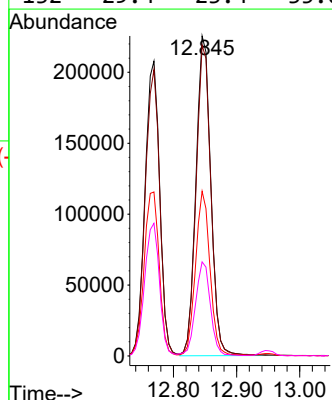
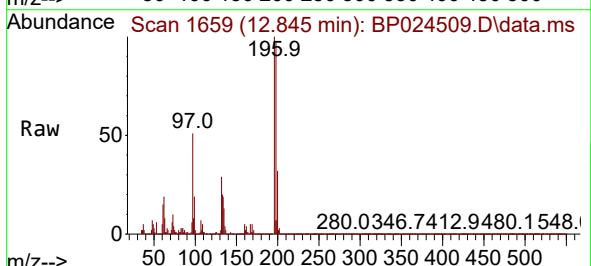
Ion Ratio Lower Upper

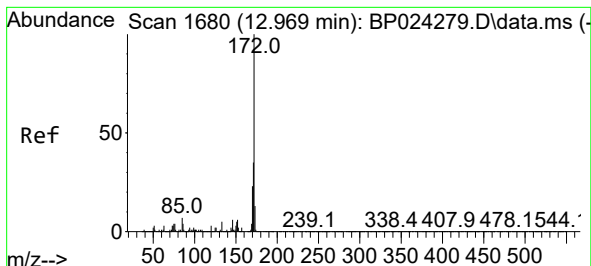
196 100

198 97.1 77.3 115.9

97 51.4 40.4 60.6

132 29.4 23.4 35.0

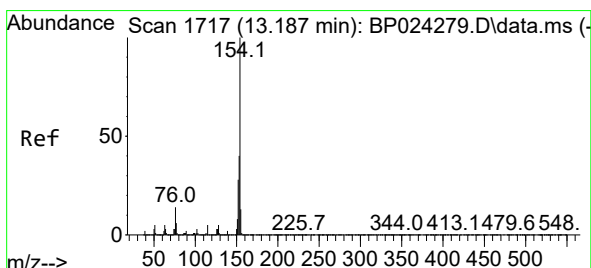
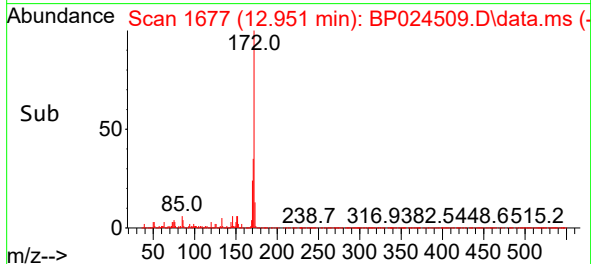
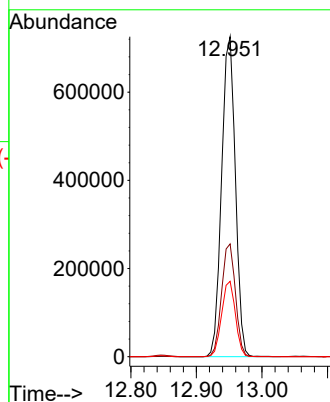
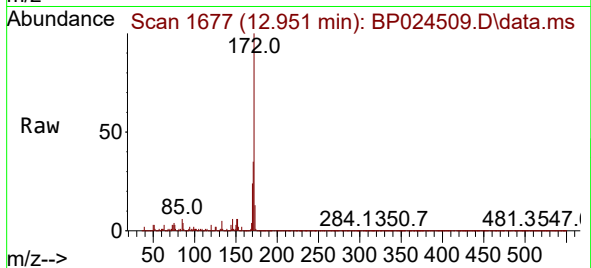




#45
2-Fluorobiphenyl
Concen: 45.268 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

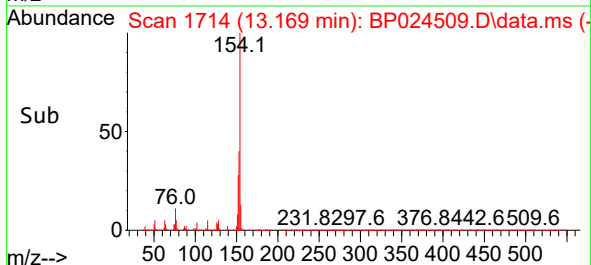
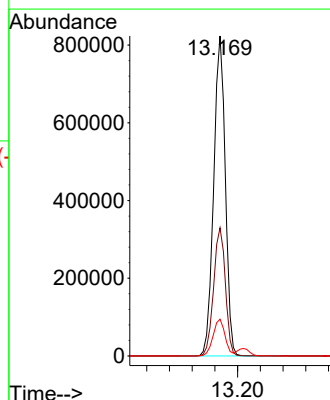
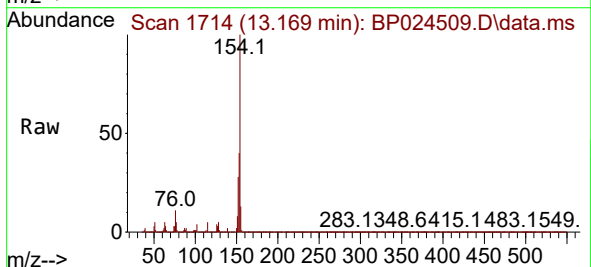
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

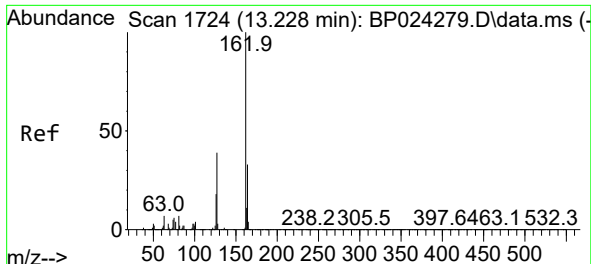
Tgt Ion:172 Resp: 1053010
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.6 18.6 27.8



#46
1,1'-Biphenyl
Concen: 44.412 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:154 Resp: 1162676
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 11.5 0.0 33.5

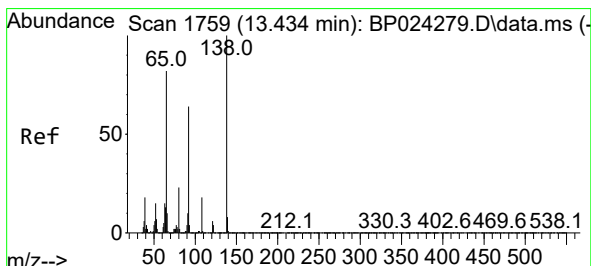
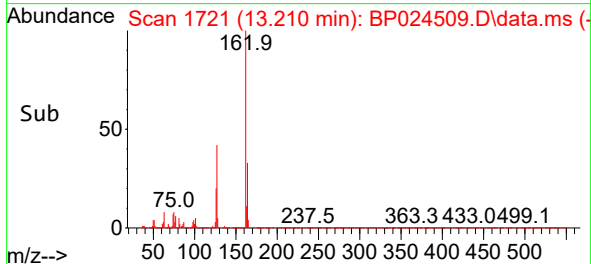
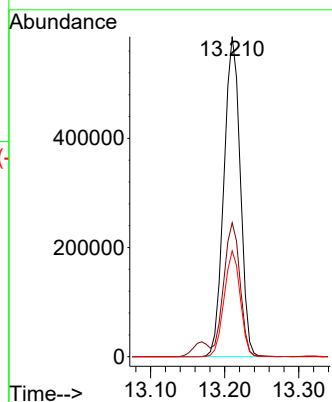
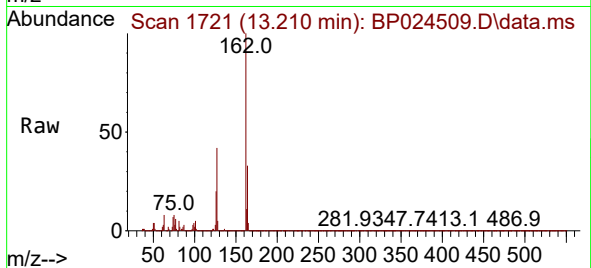




#47
2-Chloronaphthalene
Concen: 45.856 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

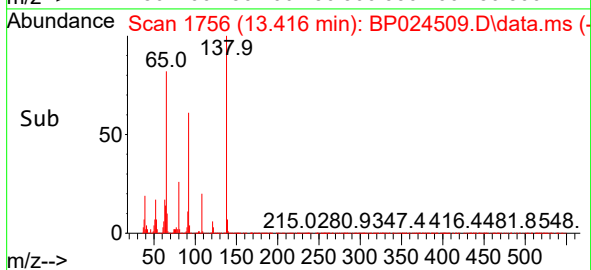
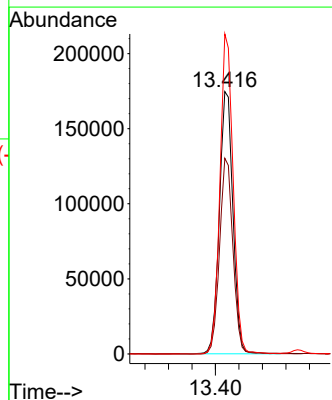
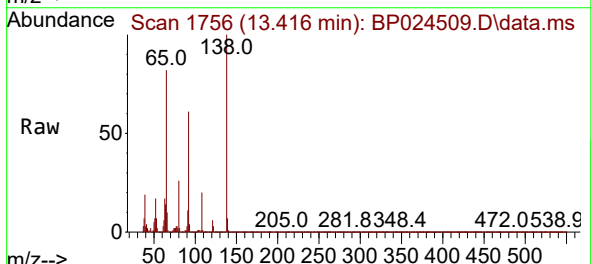
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

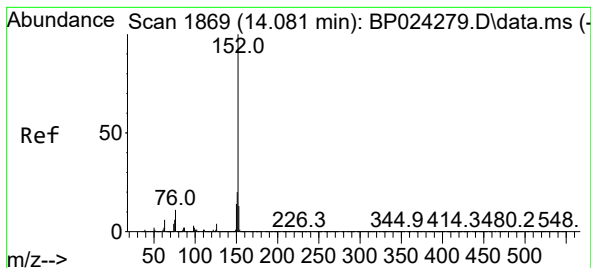
Tgt Ion:162 Resp: 897224
Ion Ratio Lower Upper
162 100
127 41.8 31.9 47.9
164 33.0 26.2 39.4



#48
2-Nitroaniline
Concen: 51.168 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion: 65 Resp: 280833
Ion Ratio Lower Upper
65 100
92 74.6 62.3 93.5
138 122.0 97.2 145.8





#49

Acenaphthylene

Concen: 48.005 ng

RT: 14.057 min Scan# 1865

Delta R.T. -0.012 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

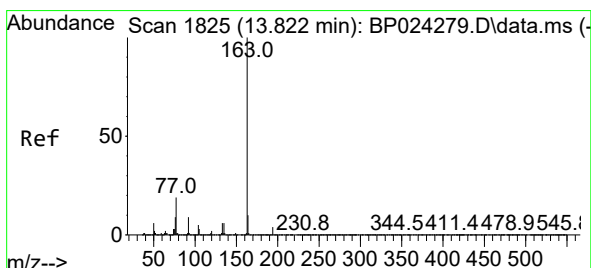
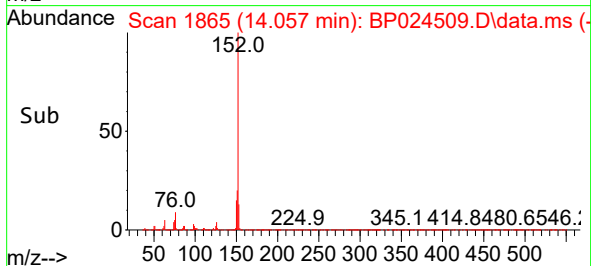
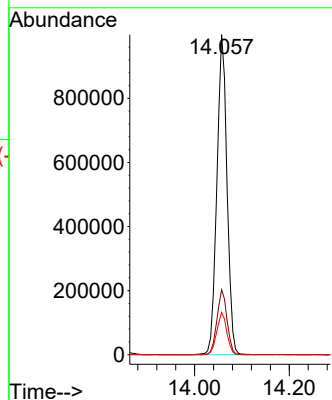
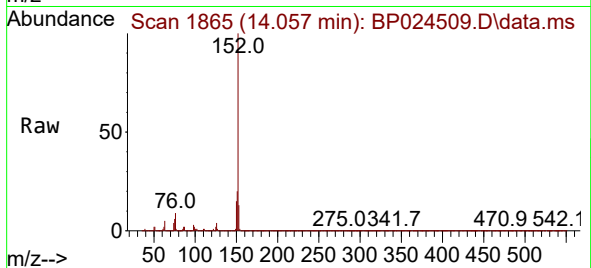
Tgt Ion:152 Resp: 1478834

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 46.406 ng

RT: 13.804 min Scan# 1822

Delta R.T. -0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

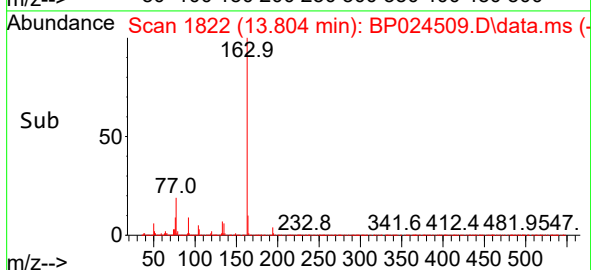
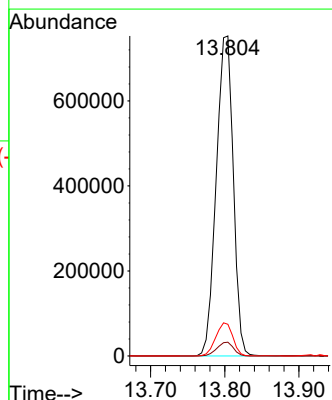
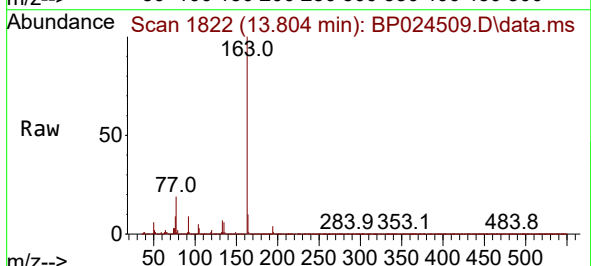
Tgt Ion:163 Resp: 1201945

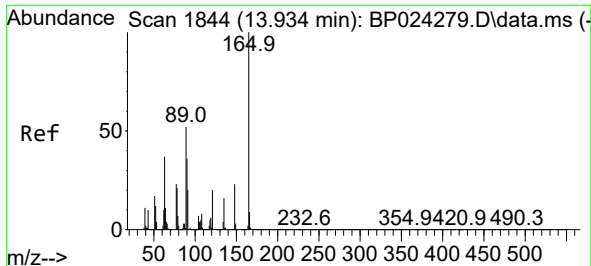
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 9.9 8.0 12.0

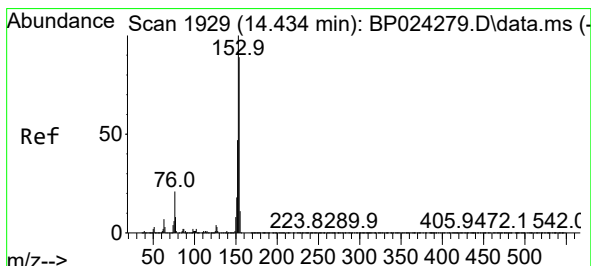
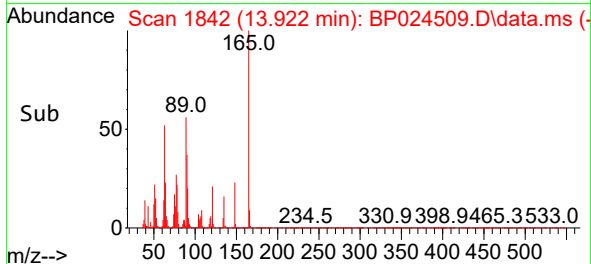
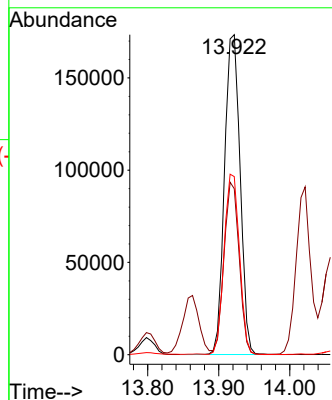
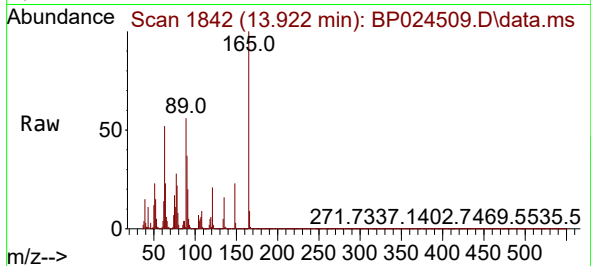




#51
2,6-Dinitrotoluene
Concen: 47.891 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

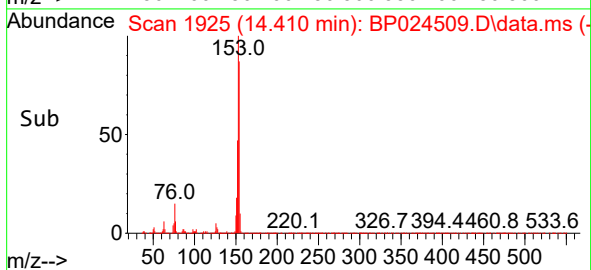
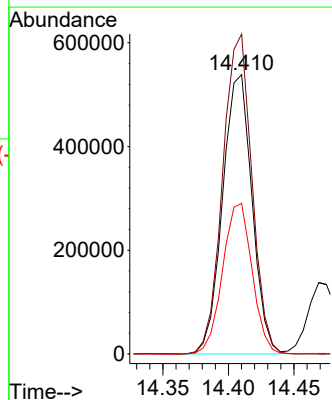
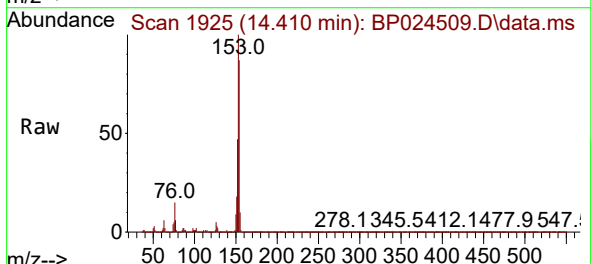
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

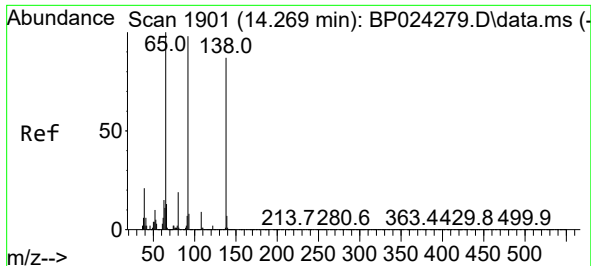
Tgt Ion:165 Resp: 263396
Ion Ratio Lower Upper
165 100
63 51.8 38.0 57.0
89 55.6 41.7 62.5



#52
Acenaphthene
Concen: 43.055 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:154 Resp: 840852
Ion Ratio Lower Upper
154 100
153 114.5 89.8 134.6
152 53.9 42.6 63.8

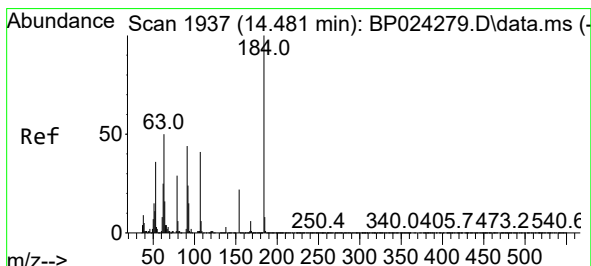
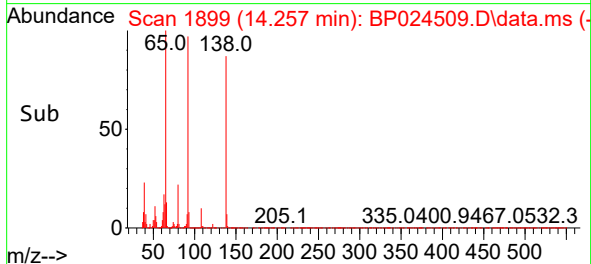
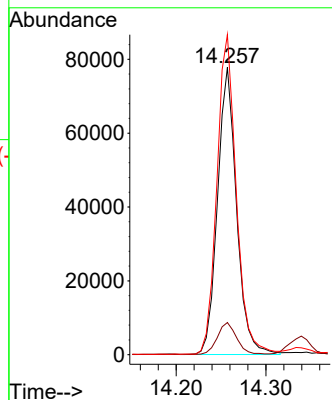
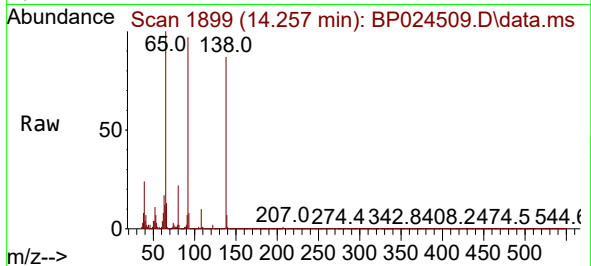




#53
3-Nitroaniline
Concen: 19.851 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

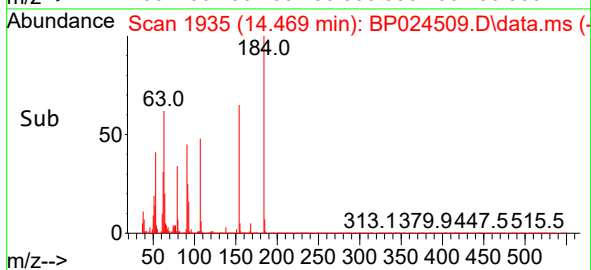
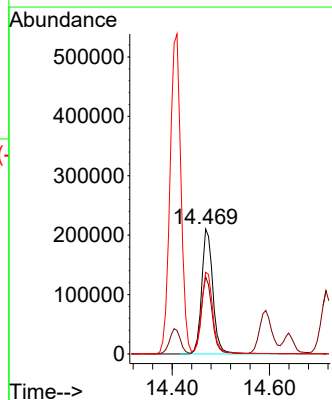
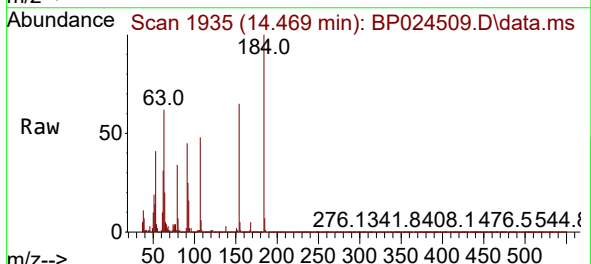
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

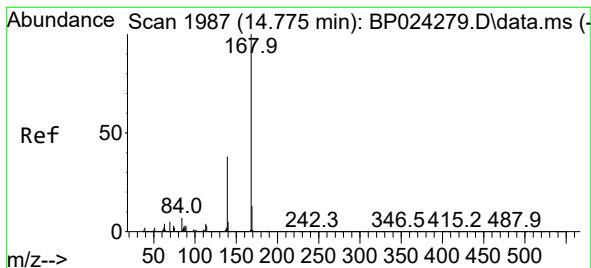
Tgt Ion:138 Resp: 114751
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 111.4 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 104.435 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:184 Resp: 338338
Ion Ratio Lower Upper
184 100
63 61.7 42.6 64.0
154 65.4 47.2 70.8





#55

Dibenzofuran

Concen: 42.322 ng

RT: 14.745 min Scan# 1982

Delta R.T. -0.012 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

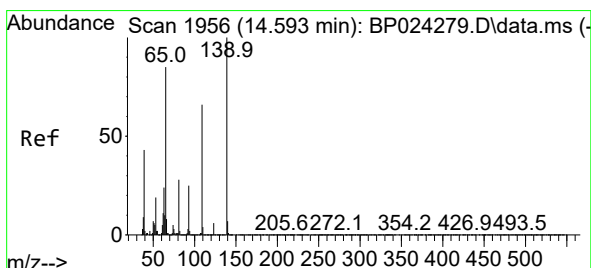
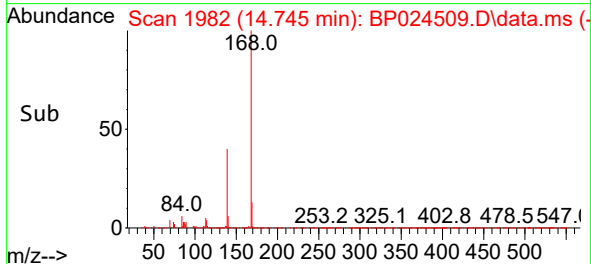
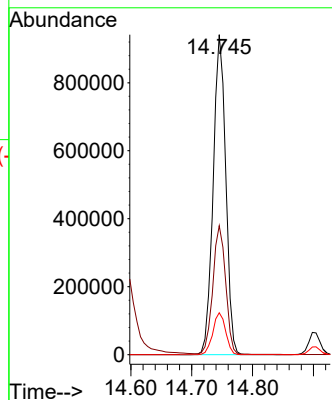
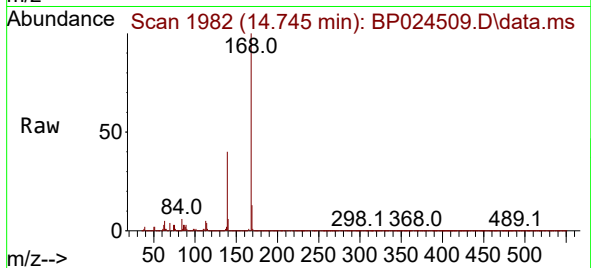
Tgt Ion:168 Resp: 1351042

Ion Ratio Lower Upper

168 100

139 40.3 30.3 45.5

169 13.1 10.6 16.0



#56

4-Nitrophenol

Concen: 102.466 ng

RT: 14.592 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

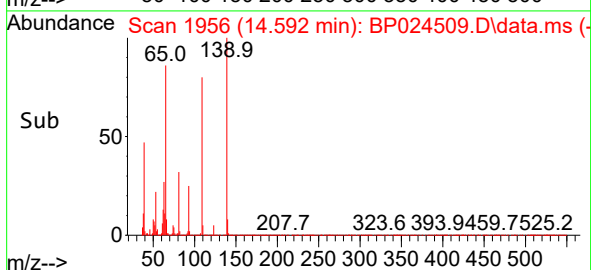
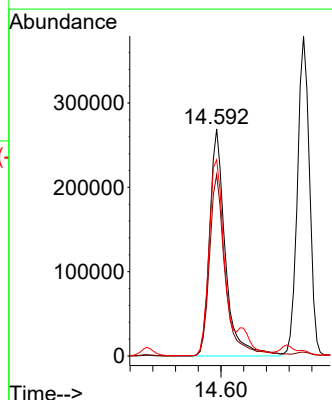
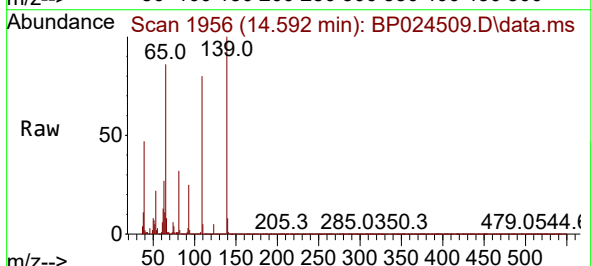
Tgt Ion:139 Resp: 511547

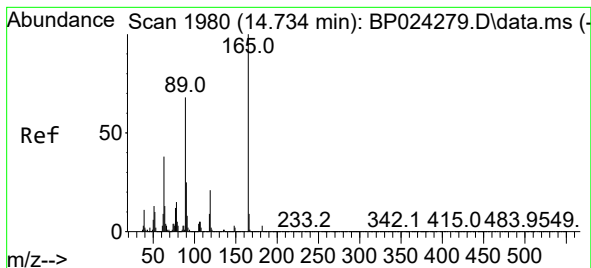
Ion Ratio Lower Upper

139 100

109 79.9 46.1 86.1

65 86.4 65.0 105.0





#57

2,4-Dinitrotoluene

Concen: 51.333 ng

RT: 14.716 min Scan# 1980

Delta R.T. -0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

Tgt Ion:165 Resp: 385128

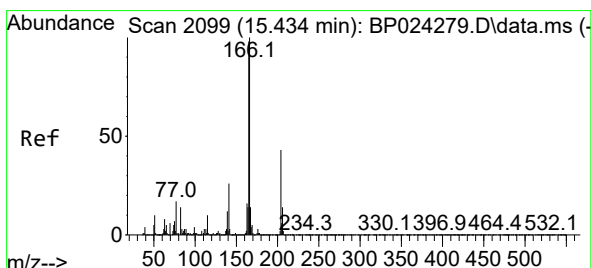
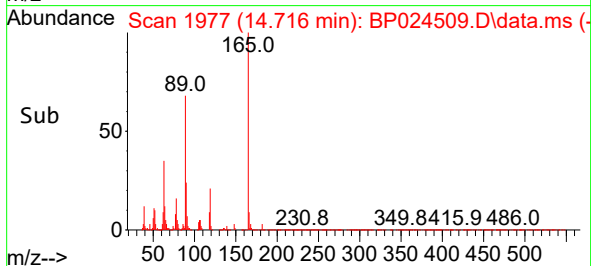
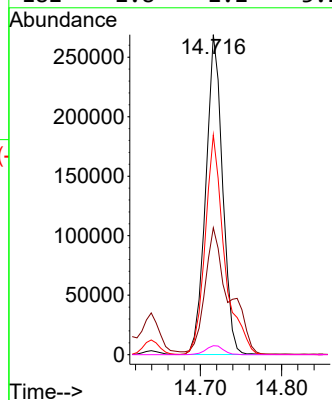
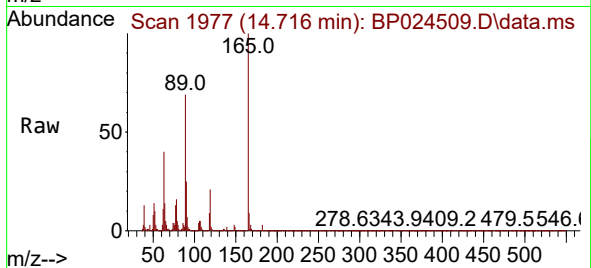
Ion Ratio Lower Upper

165 100

63 39.6 30.4 45.6

89 68.6 54.6 82.0

182 2.8 2.2 3.2



#58

Fluorene

Concen: 45.894 ng

RT: 15.410 min Scan# 2095

Delta R.T. -0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

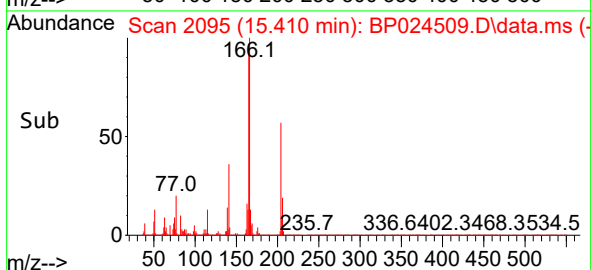
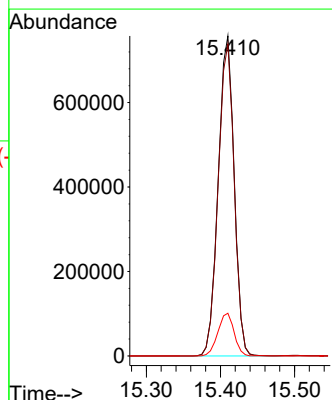
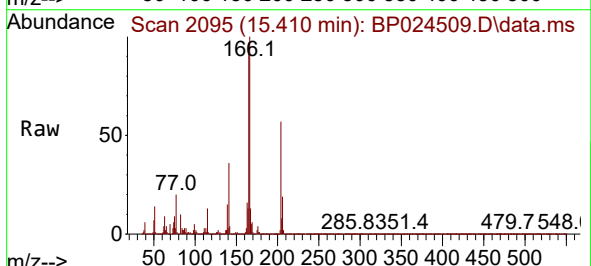
Tgt Ion:166 Resp: 1134163

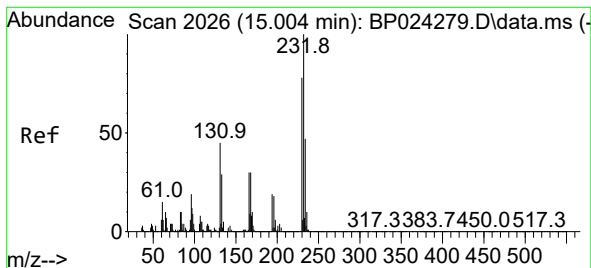
Ion Ratio Lower Upper

166 100

165 97.5 78.1 117.1

167 13.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.147 ng

RT: 14.975 min Scan# 20

Delta R.T. -0.018 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

Tgt Ion:232 Resp: 333515

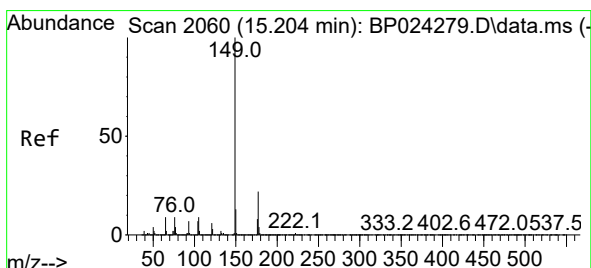
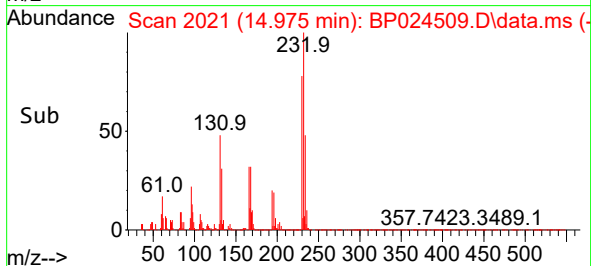
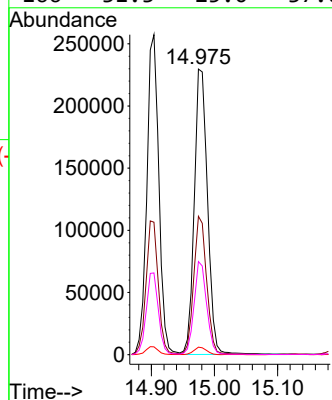
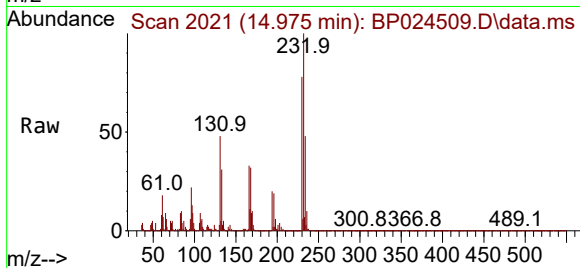
Ion Ratio Lower Upper

232 100

131 46.8 36.8 55.2

130 2.5 1.9 2.9

166 31.3 25.0 37.6



#60

Diethylphthalate

Concen: 46.681 ng

RT: 15.186 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

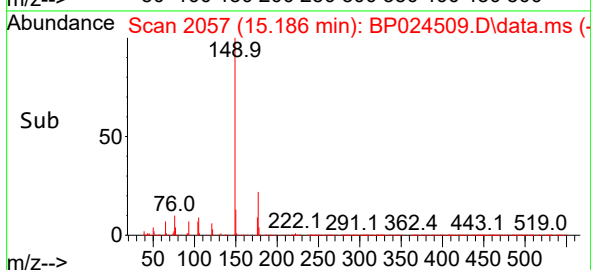
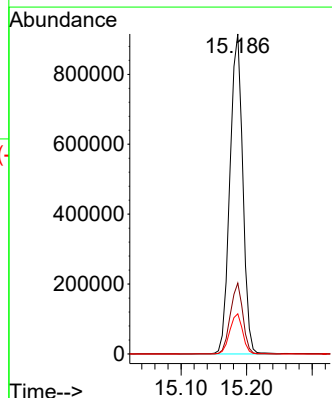
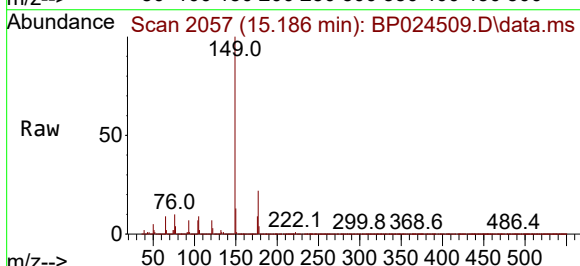
Tgt Ion:149 Resp: 1245961

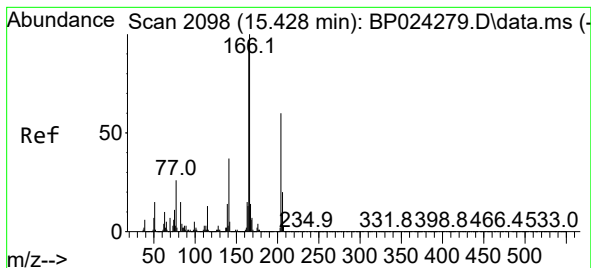
Ion Ratio Lower Upper

149 100

177 22.1 17.4 26.2

150 12.6 10.1 15.1

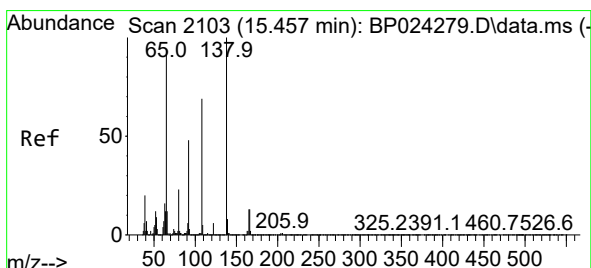
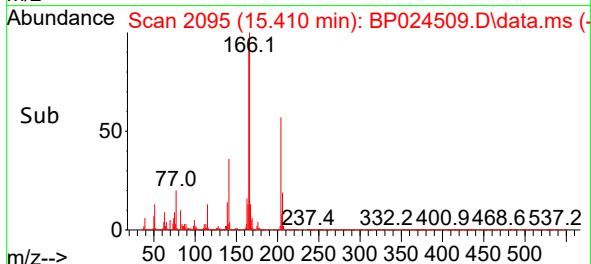
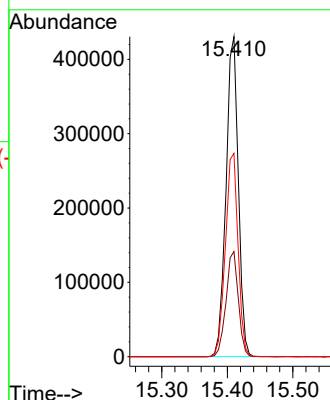
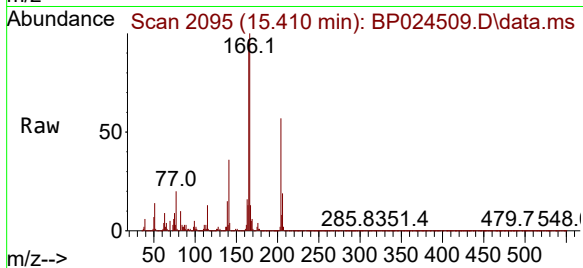




#61
4-Chlorophenyl-phenylether
Concen: 46.567 ng
RT: 15.410 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

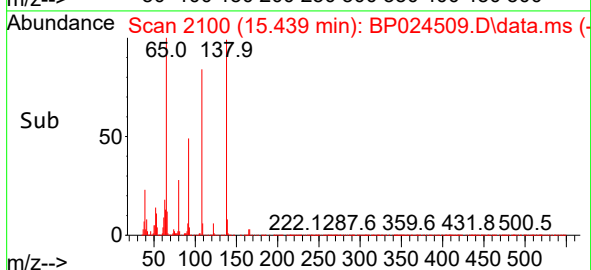
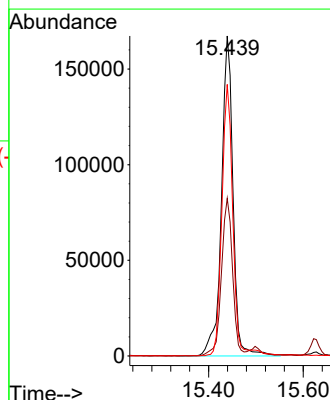
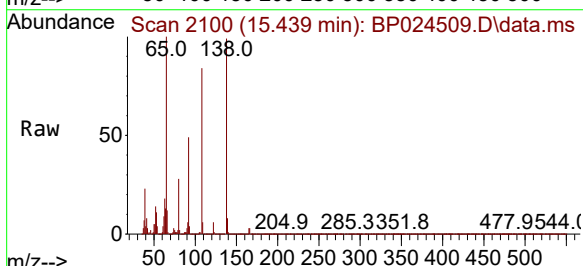
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

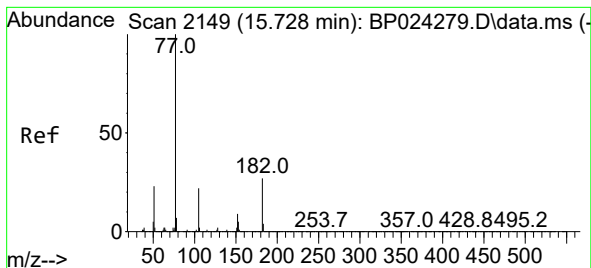
Tgt Ion:204 Resp: 558820
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 63.5 49.4 74.0



#62
4-Nitroaniline
Concen: 46.416 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:138 Resp: 284033
Ion Ratio Lower Upper
138 100
92 49.3 27.8 67.8
108 84.9 48.9 88.9





#63

Azobenzene

Concen: 47.951 ng

RT: 15.704 min Scan# 2145

Delta R.T. -0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

Tgt Ion: 77 Resp: 1176345

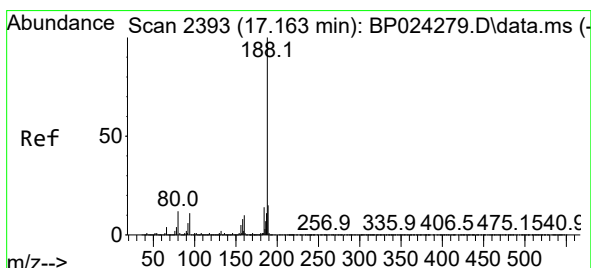
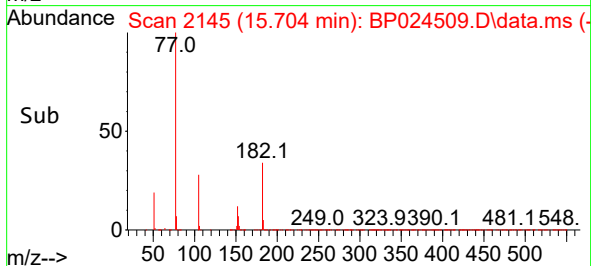
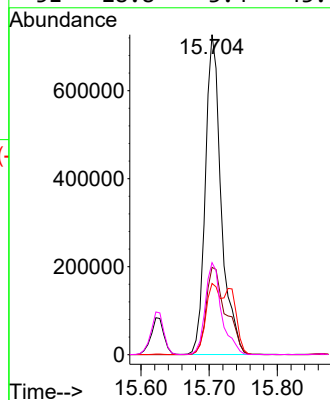
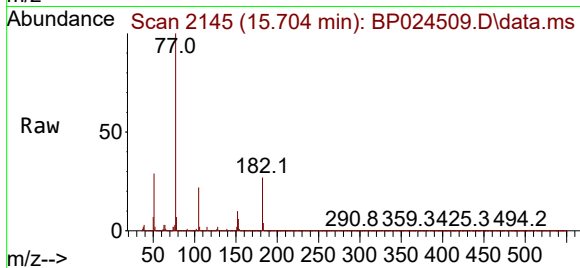
Ion Ratio Lower Upper

77 100

182 27.3 7.3 47.3

105 22.2 2.3 42.3

51 28.8 3.4 43.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2390

Delta R.T. 0.000 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

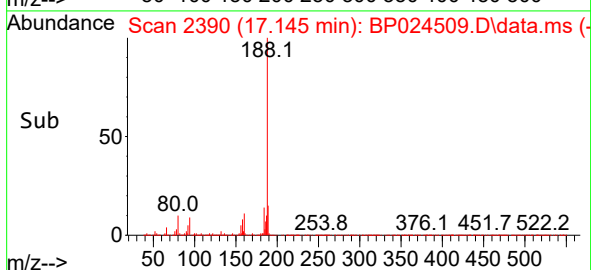
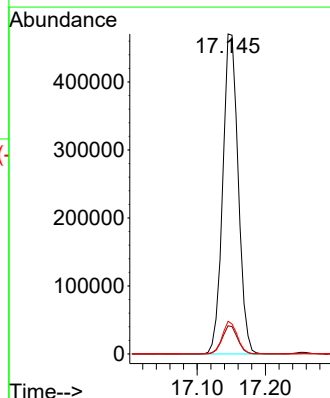
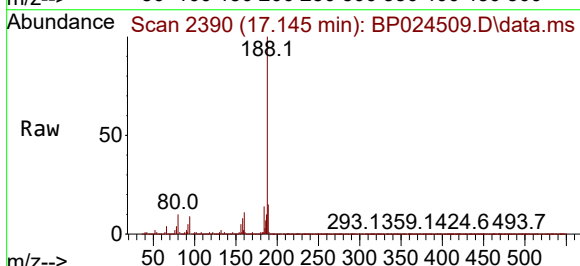
Tgt Ion: 188 Resp: 743045

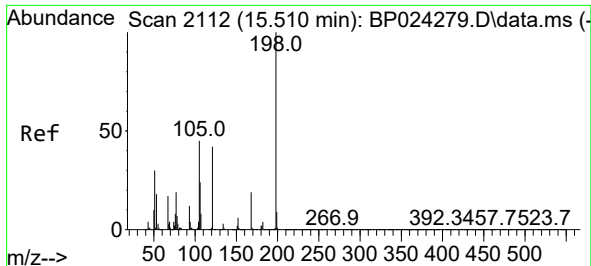
Ion Ratio Lower Upper

188 100

94 8.8 8.6 13.0

80 10.2 9.8 14.6

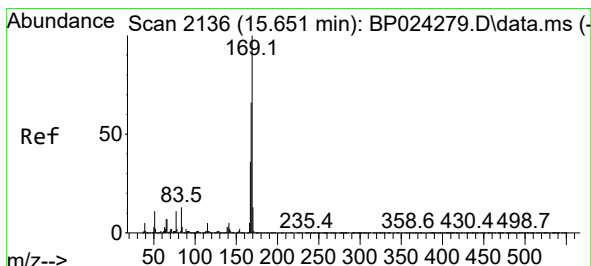
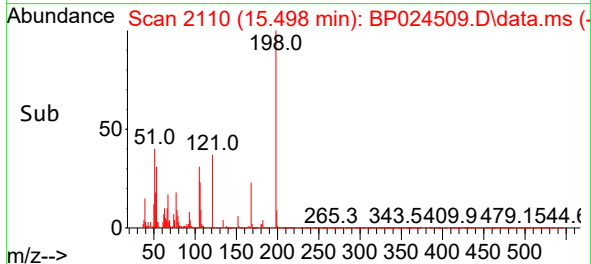
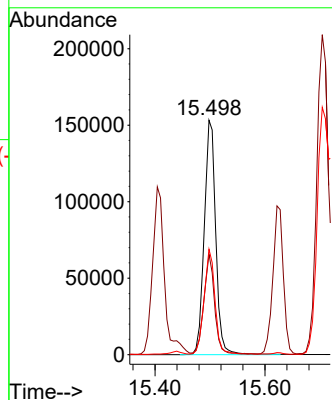
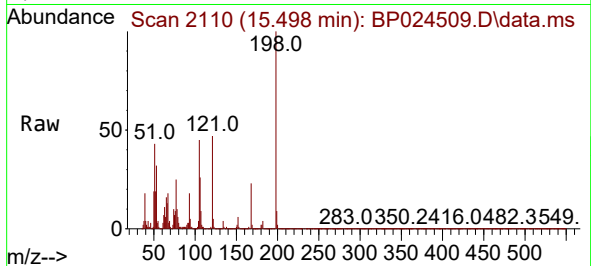




#65
4,6-Dinitro-2-methylphenol
Concen: 47.471 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

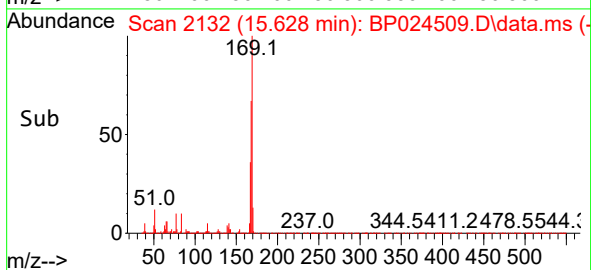
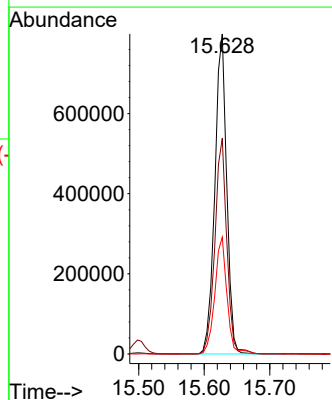
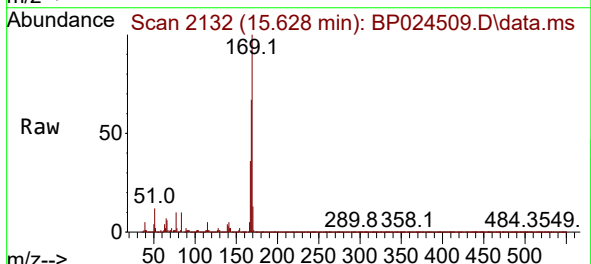
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

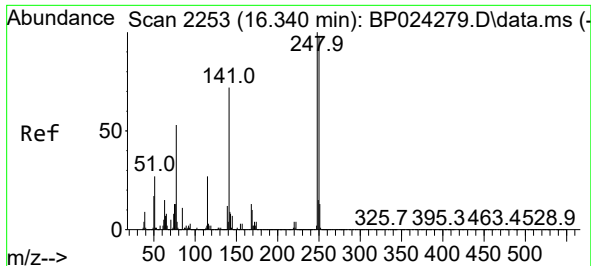
Tgt Ion:198 Resp: 222382
Ion Ratio Lower Upper
198 100
51 42.8 18.4 58.4
105 45.0 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 45.186 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:169 Resp: 1002140
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.4
167 36.5 28.9 43.3

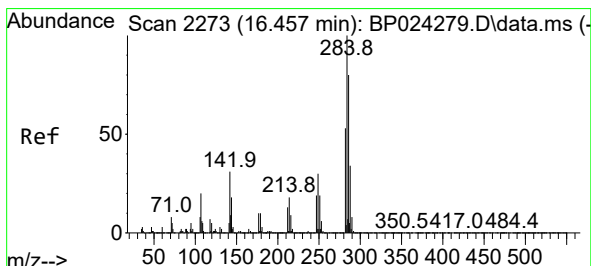
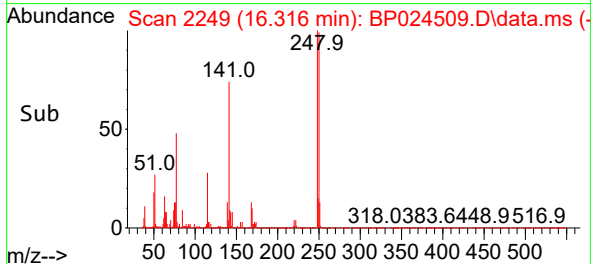
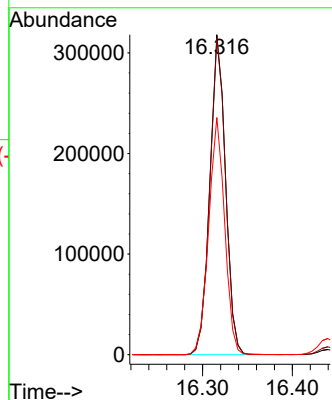
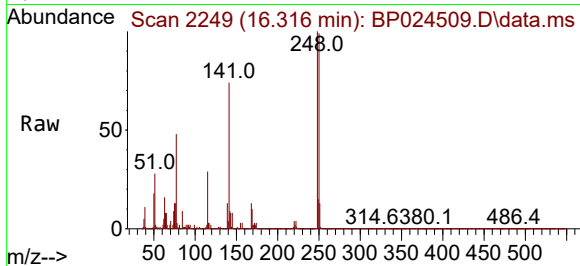




#67
4-Bromophenyl-phenylether
Concen: 47.652 ng
RT: 16.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

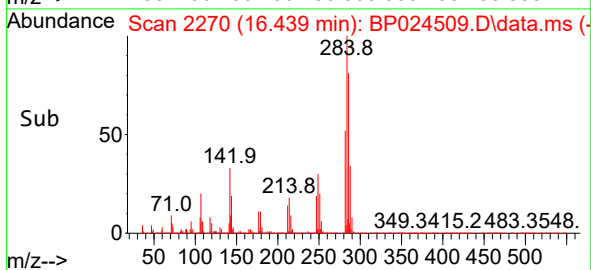
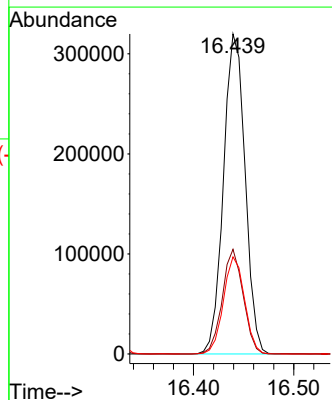
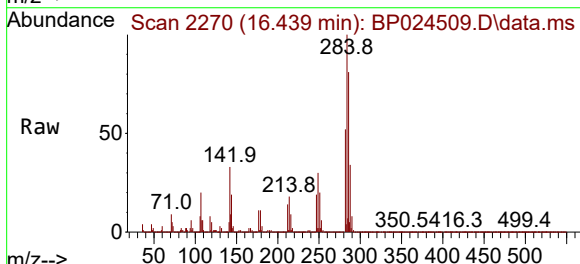
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

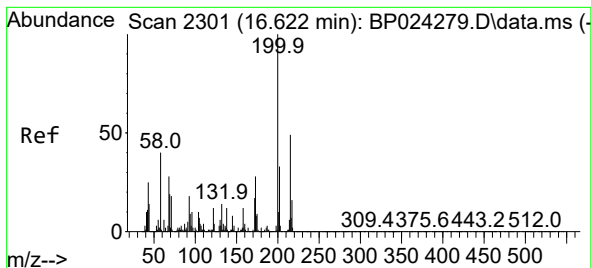
Tgt Ion:248 Resp: 387242
Ion Ratio Lower Upper
248 100
250 98.9 78.2 117.4
141 74.1 57.7 86.5



#68
Hexachlorobenzene
Concen: 49.554 ng
RT: 16.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:284 Resp: 478526
Ion Ratio Lower Upper
284 100
142 32.7 24.6 37.0
249 30.3 23.8 35.6





#69

Atrazine

Concen: 68.277 ng

RT: 16.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

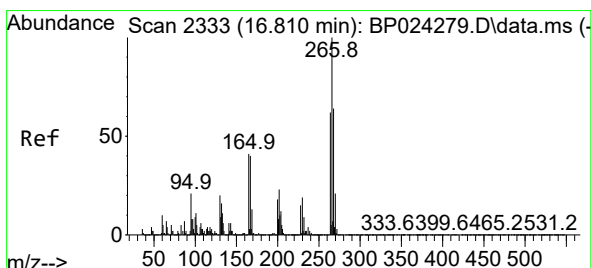
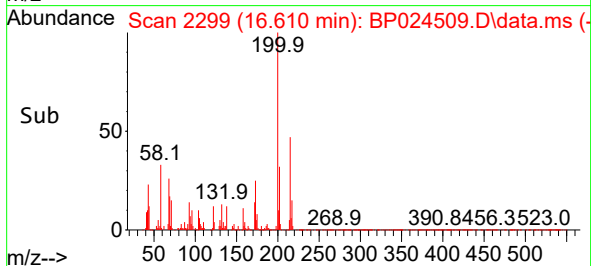
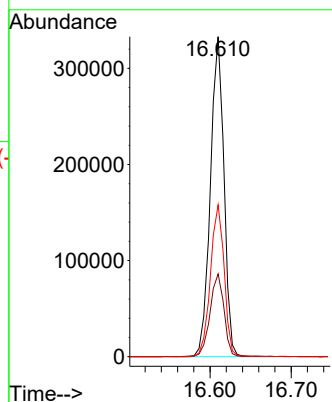
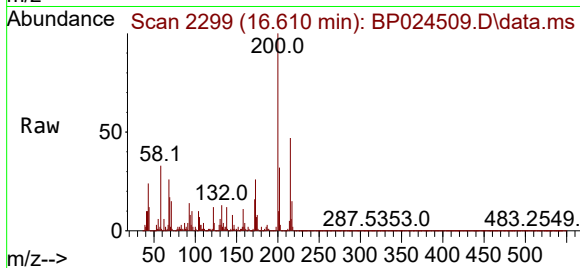
Tgt Ion:200 Resp: 385671

Ion Ratio Lower Upper

200 100

173 25.8 7.5 47.5

215 47.4 28.8 68.8



#70

Pentachlorophenol

Concen: 101.830 ng

RT: 16.804 min Scan# 2332

Delta R.T. 0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

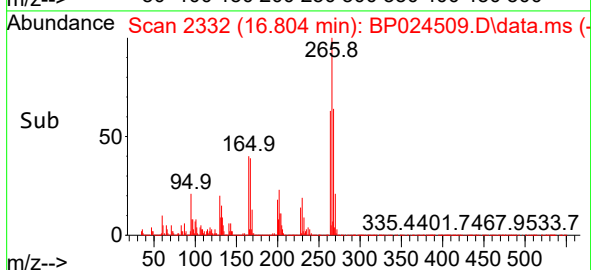
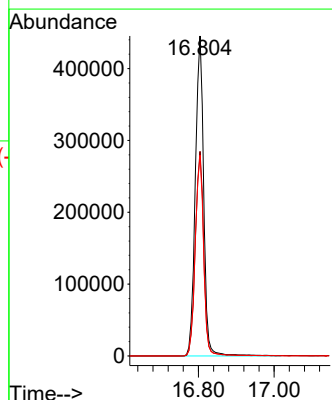
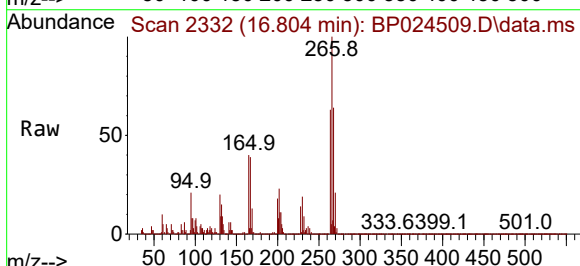
Tgt Ion:266 Resp: 685997

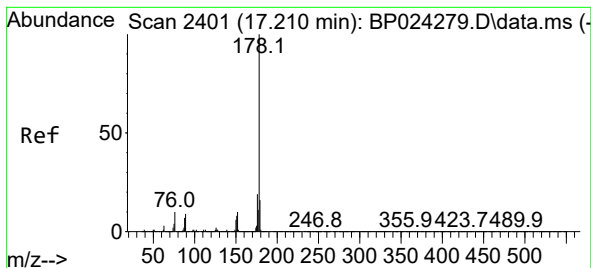
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 62.7 49.8 74.6





#71

Phenanthrene

Concen: 45.159 ng

RT: 17.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

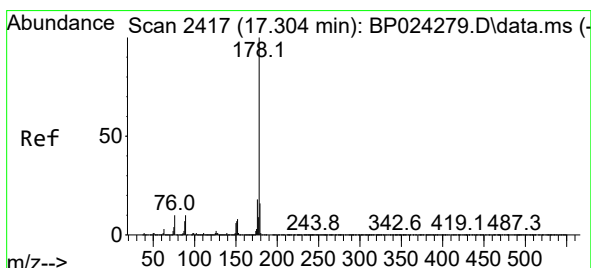
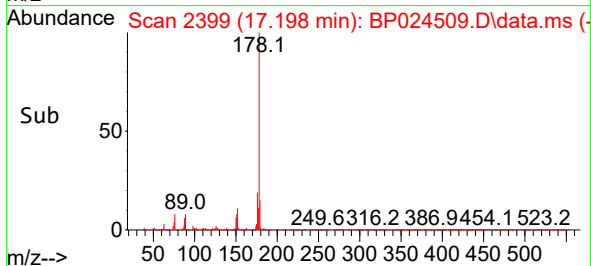
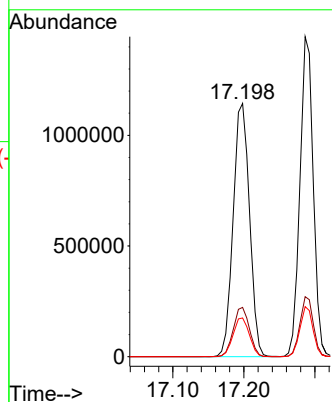
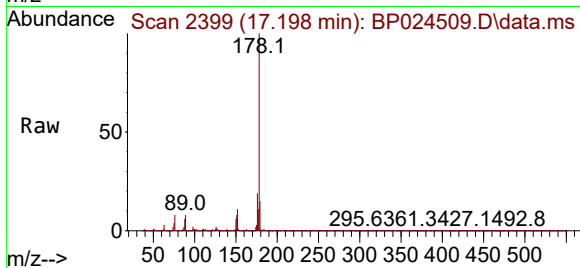
Tgt Ion:178 Resp: 1830537

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.3 12.5 18.7



#72

Anthracene

Concen: 48.154 ng

RT: 17.286 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

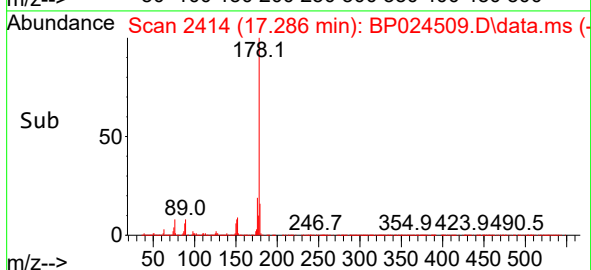
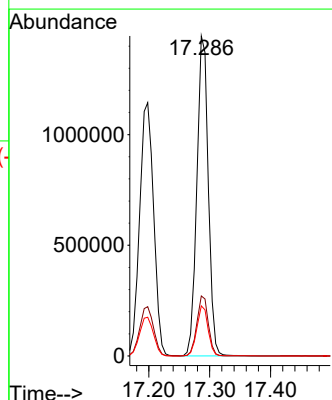
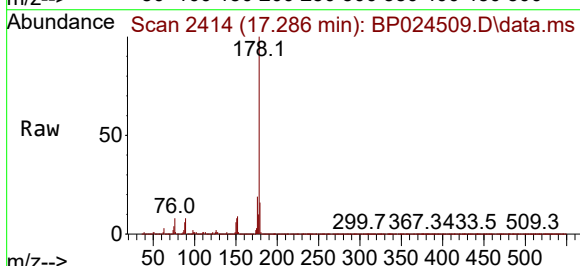
Tgt Ion:178 Resp: 1881270

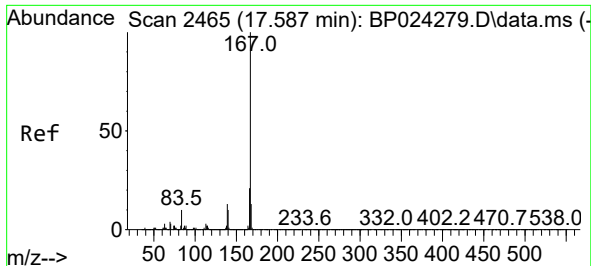
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.7 12.4 18.6

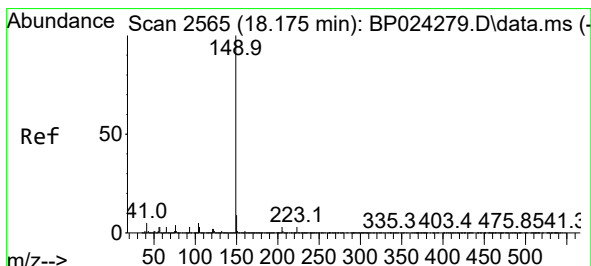
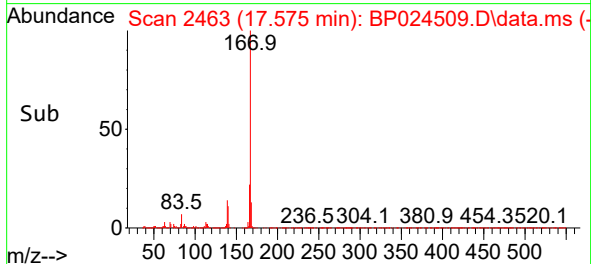
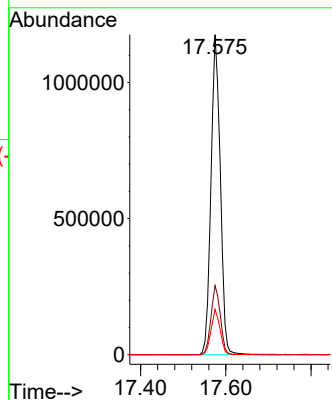
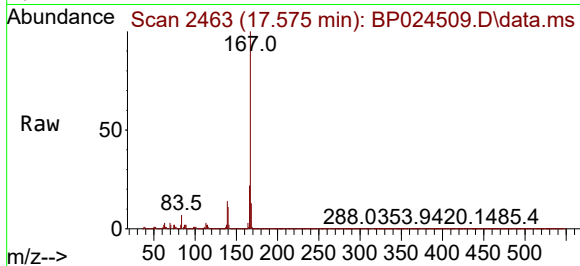




#73
Carbazole
Concen: 46.956 ng
RT: 17.575 min Scan# 2463
Delta R.T. 0.006 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

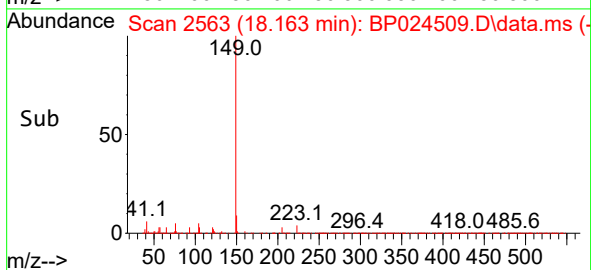
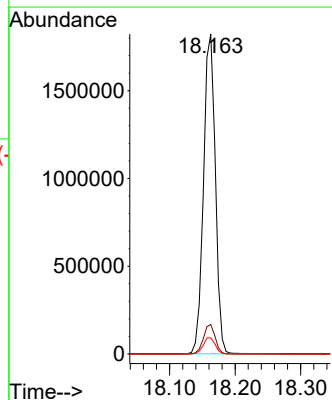
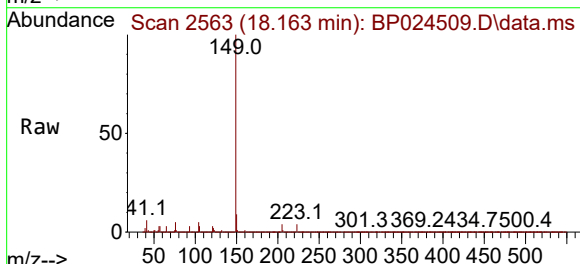
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

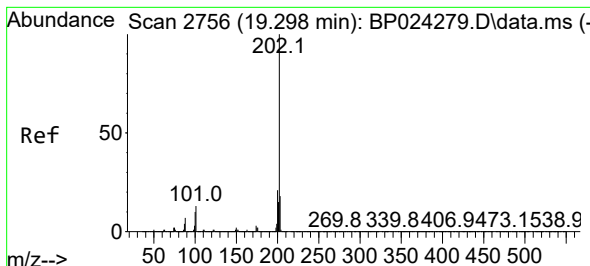
Tgt Ion:167 Resp: 1792412
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 14.2 10.6 16.0



#74
Di-n-butylphthalate
Concen: 48.121 ng
RT: 18.163 min Scan# 2563
Delta R.T. 0.006 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:149 Resp: 2288511
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 46.309 ng

RT: 19.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

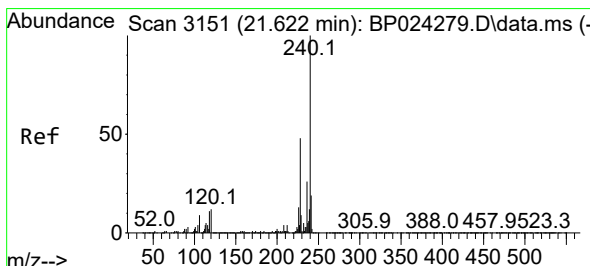
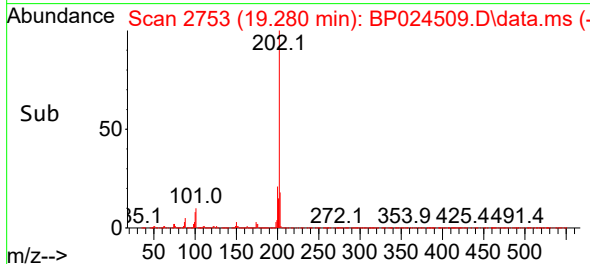
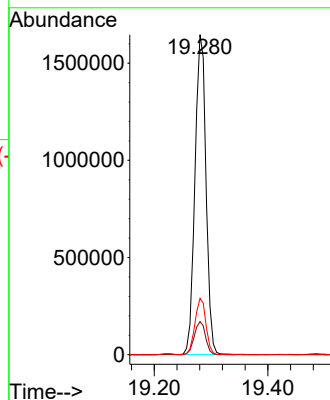
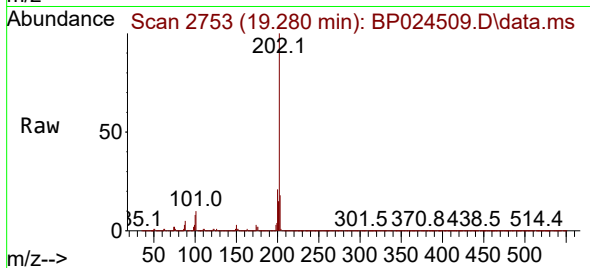
Tgt Ion:202 Resp: 2232564

Ion Ratio Lower Upper

202 100

101 10.4 0.0 33.2

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.598 min Scan# 3147

Delta R.T. 0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

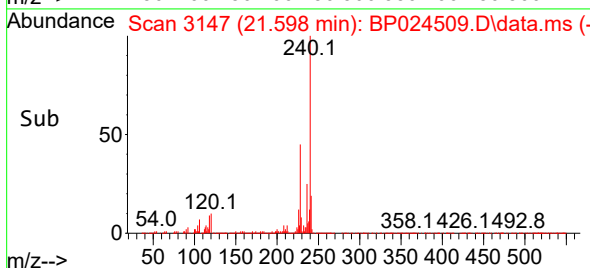
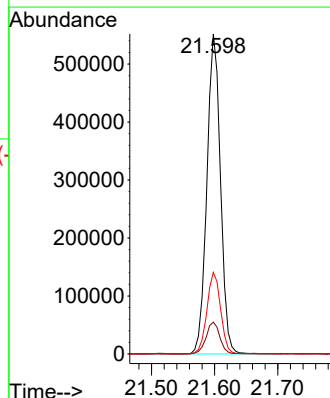
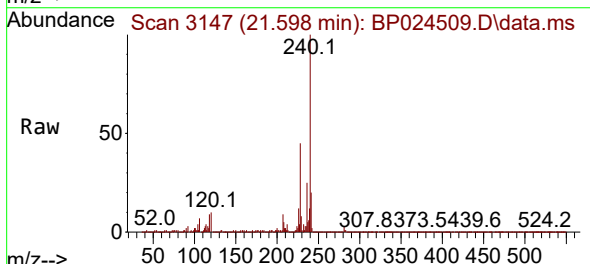
Tgt Ion:240 Resp: 825568

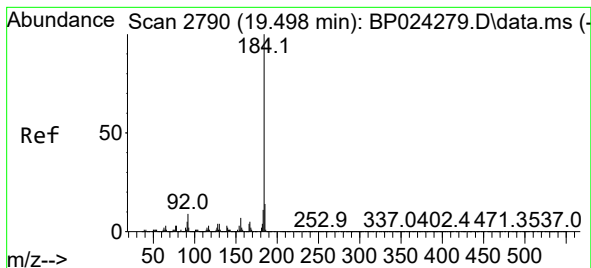
Ion Ratio Lower Upper

240 100

120 10.0 9.8 14.8

236 25.5 20.9 31.3





#77

Benzidine

Concen: 92.229 ng

RT: 19.486 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

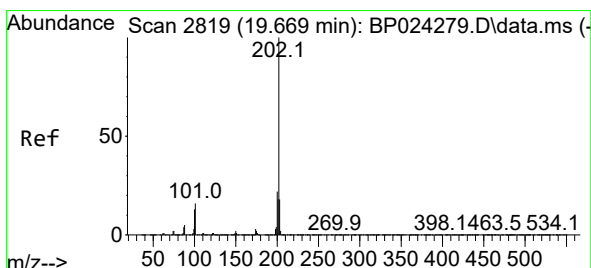
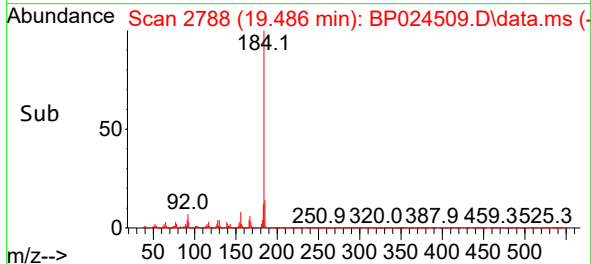
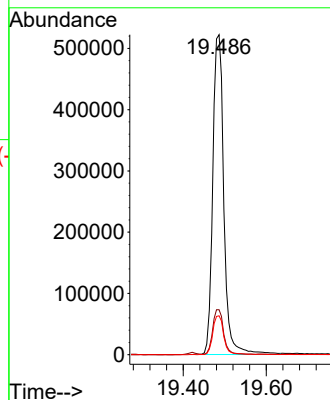
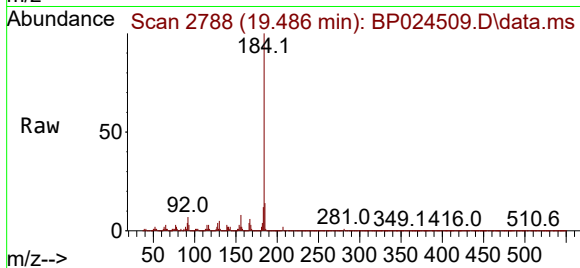
Tgt Ion:184 Resp: 965153

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 12.2 9.2 13.8



#78

Pyrene

Concen: 43.991 ng

RT: 19.657 min Scan# 2817

Delta R.T. 0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

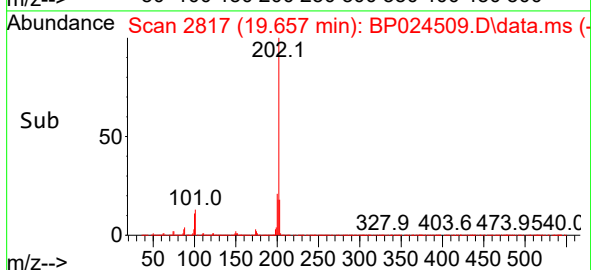
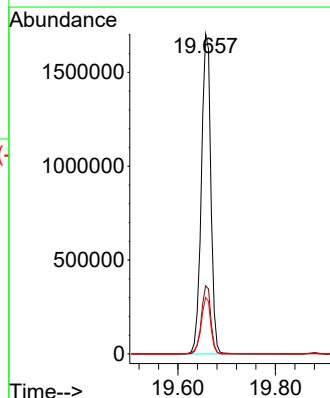
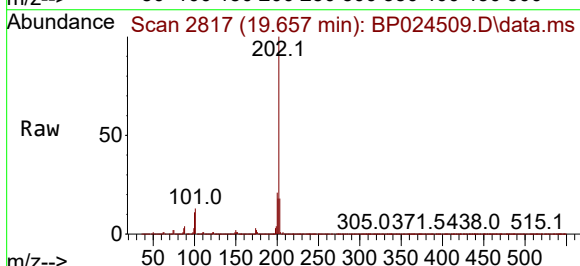
Tgt Ion:202 Resp: 2308010

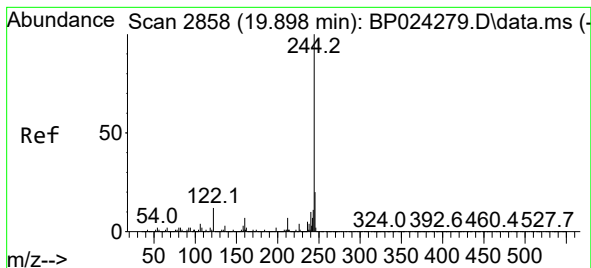
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 56.455 ng

RT: 19.880 min Scan# 2855

Delta R.T. 0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

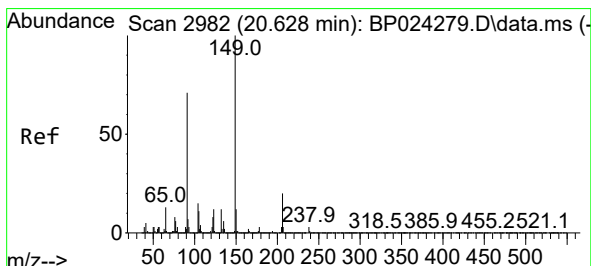
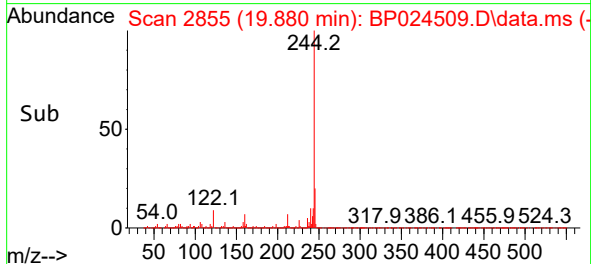
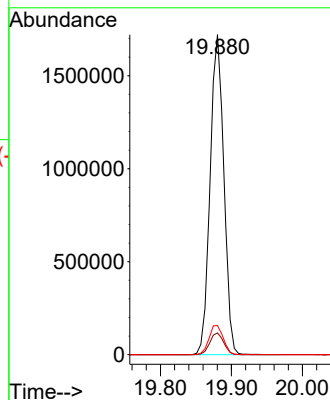
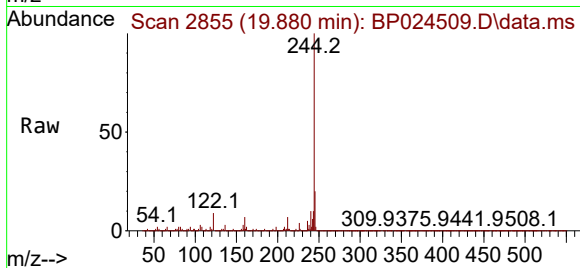
Tgt Ion:244 Resp: 2312282

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.1 9.4 14.0#



#80

Butylbenzylphthalate

Concen: 48.638 ng

RT: 20.610 min Scan# 2979

Delta R.T. 0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

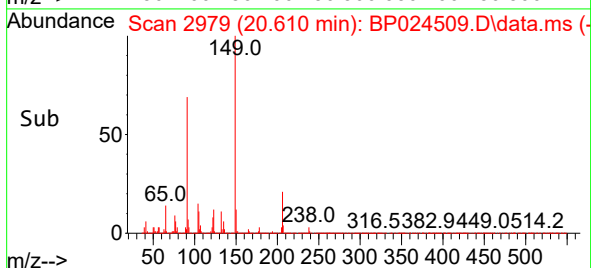
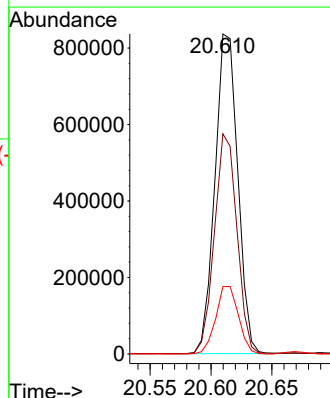
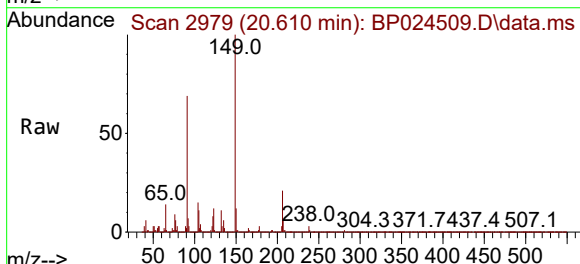
Tgt Ion:149 Resp: 1093013

Ion Ratio Lower Upper

149 100

91 68.8 56.4 84.6

206 21.1 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.042 ng

RT: 21.580 min Scan# 3147

Delta R.T. 0.012 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

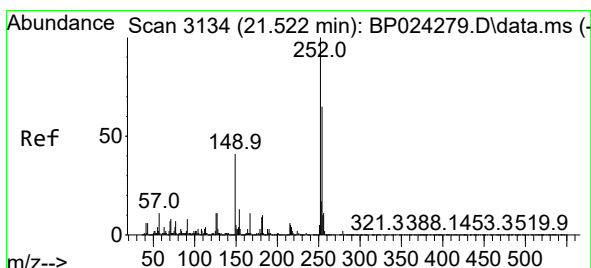
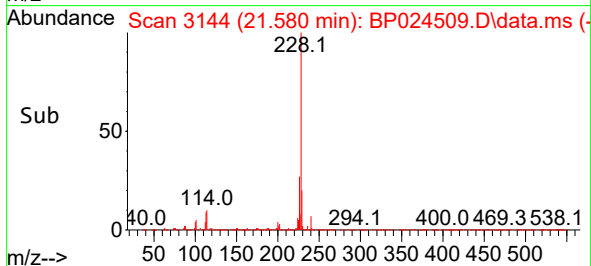
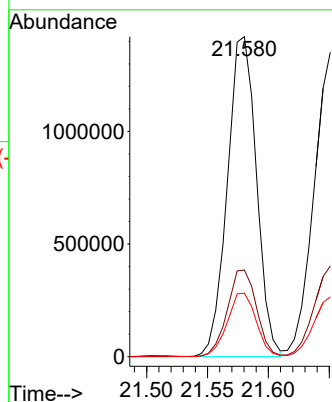
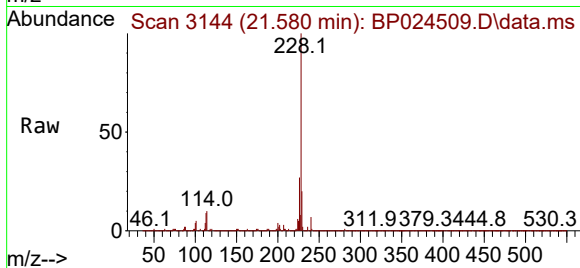
Tgt Ion:228 Resp: 2362610

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 27.274 ng

RT: 21.510 min Scan# 3132

Delta R.T. 0.018 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

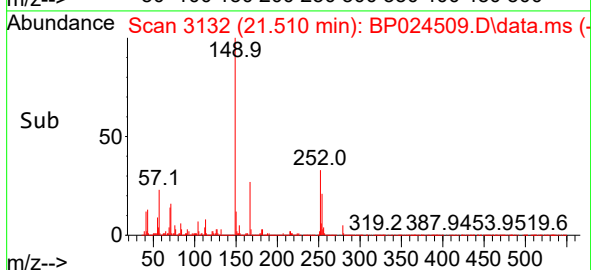
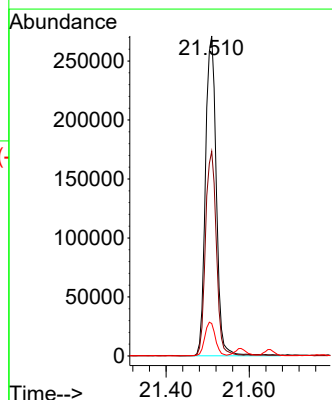
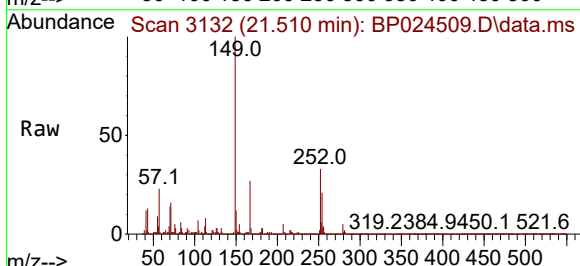
Tgt Ion:252 Resp: 491219

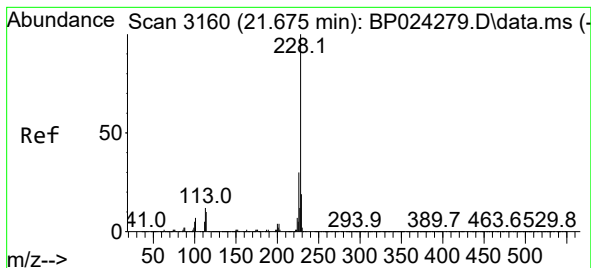
Ion Ratio Lower Upper

252 100

254 63.9 51.7 77.5

126 10.2 8.8 13.2





#83

Chrysene

Concen: 44.857 ng

RT: 21.651 min Scan# 311

Delta R.T. 0.012 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

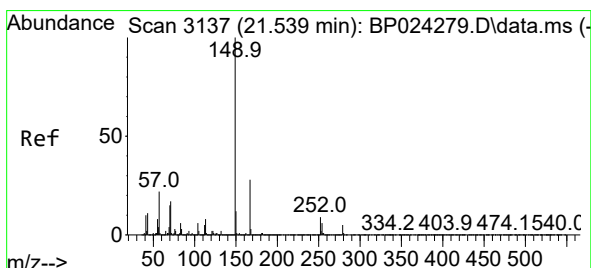
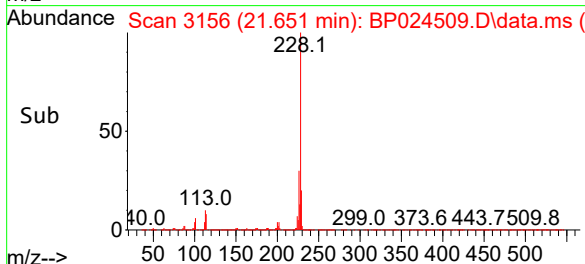
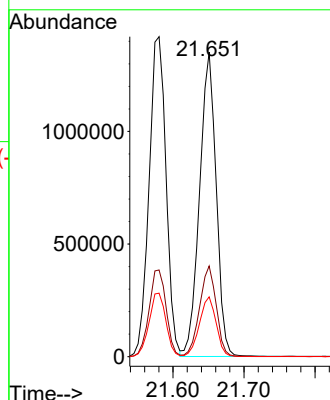
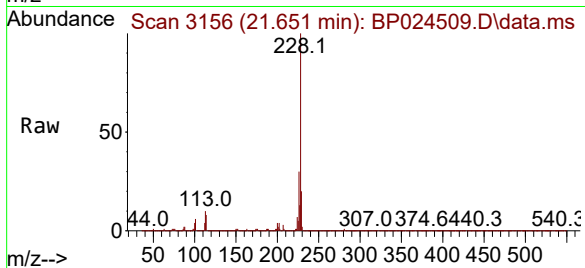
Tgt Ion:228 Resp: 2205230

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.059 ng

RT: 21.516 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

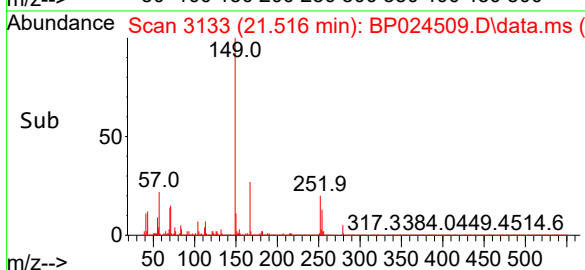
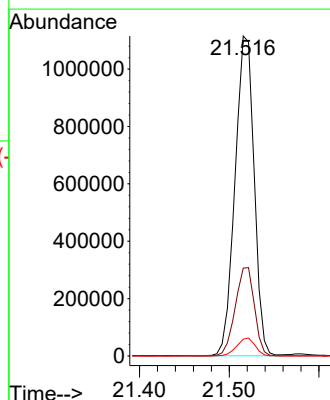
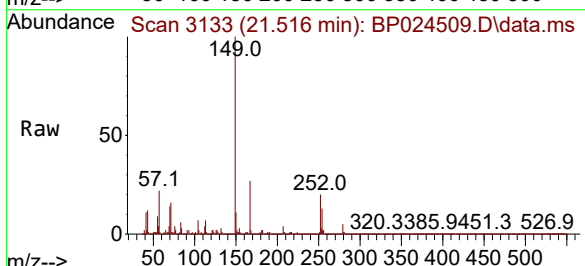
Tgt Ion:149 Resp: 1649135

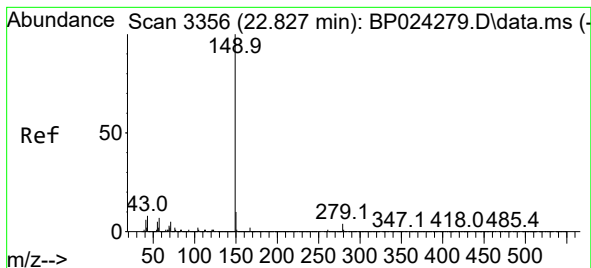
Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

279 5.2 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 51.453 ng

RT: 22.786 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

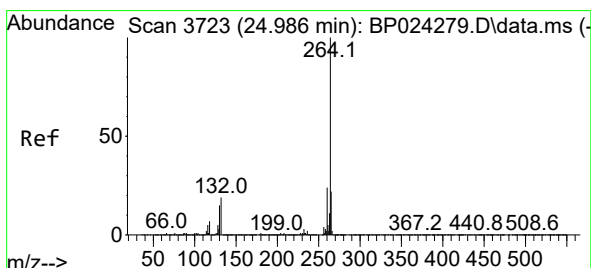
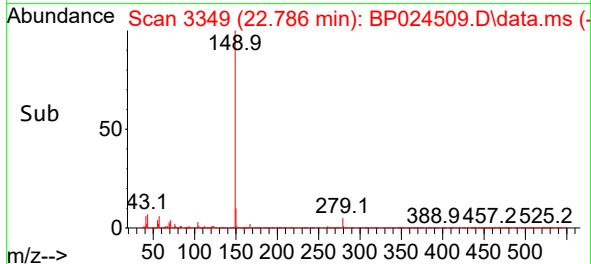
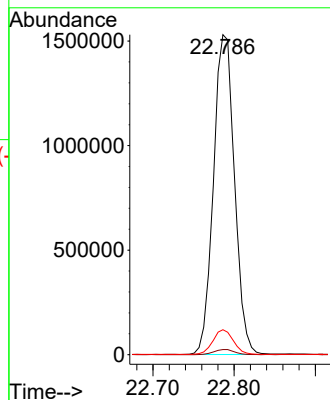
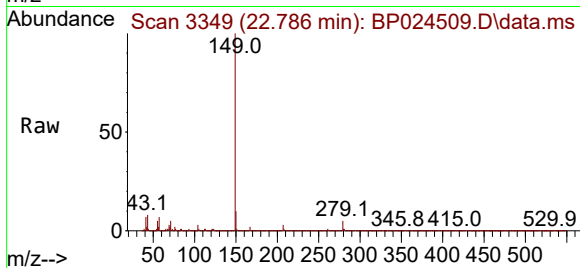
Tgt Ion:149 Resp: 2755675

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.5 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.951 min Scan# 3717

Delta R.T. 0.018 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

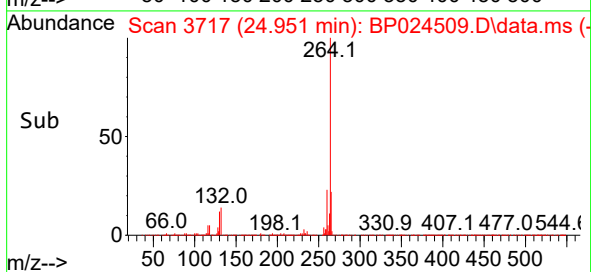
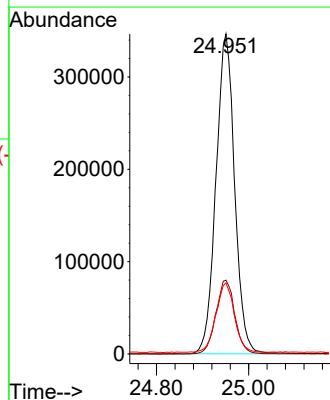
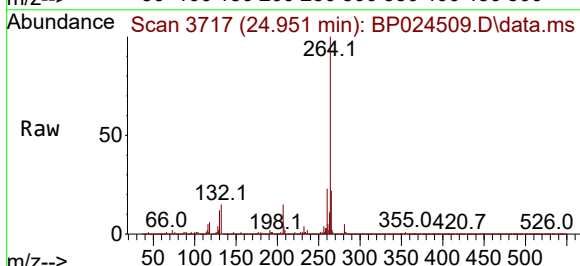
Tgt Ion:264 Resp: 972467

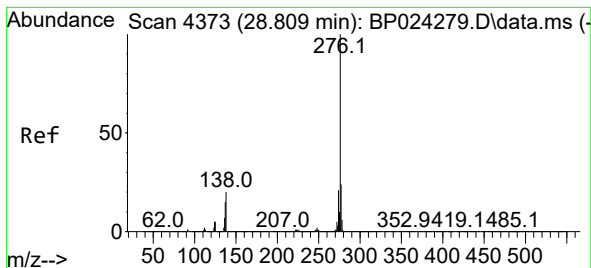
Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.562 ng m

RT: 28.756 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

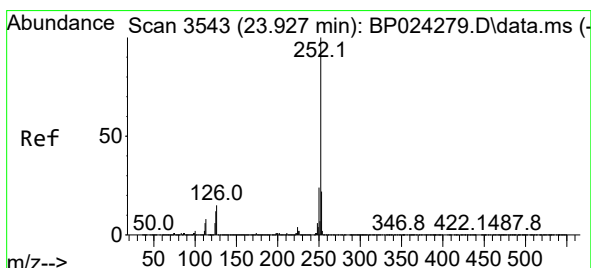
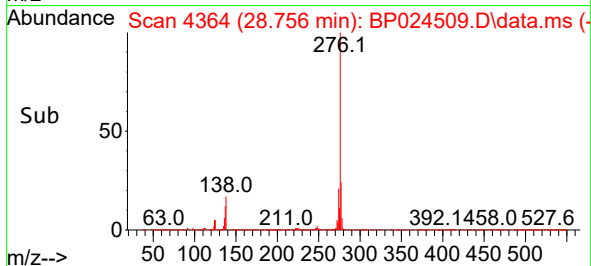
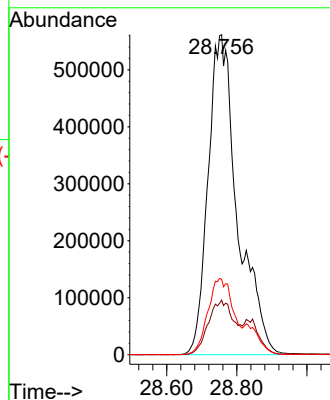
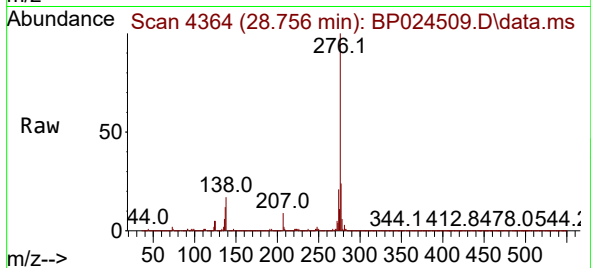
Tgt Ion:276 Resp: 3278573

Ion Ratio Lower Upper

276 100

138 15.3 14.5 21.7

277 20.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.846 ng

RT: 23.892 min Scan# 3537

Delta R.T. 0.006 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

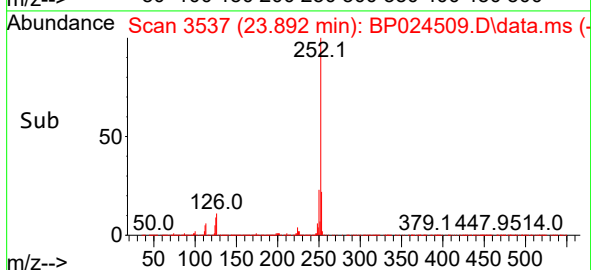
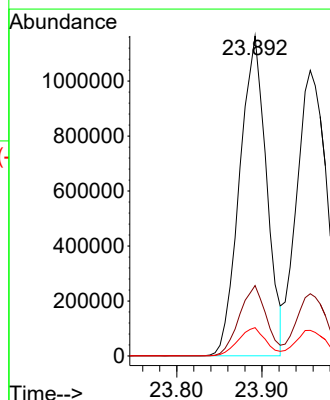
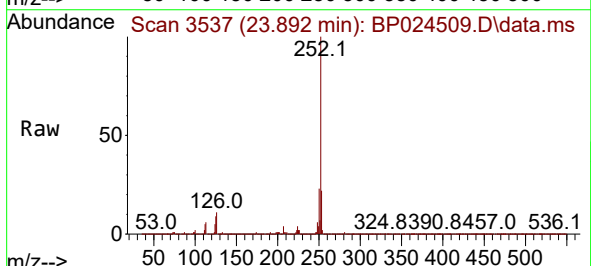
Tgt Ion:252 Resp: 2555813

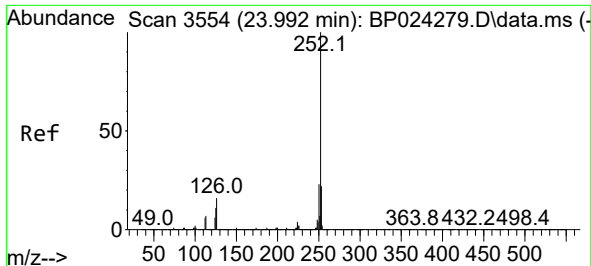
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.8 9.4 14.0#

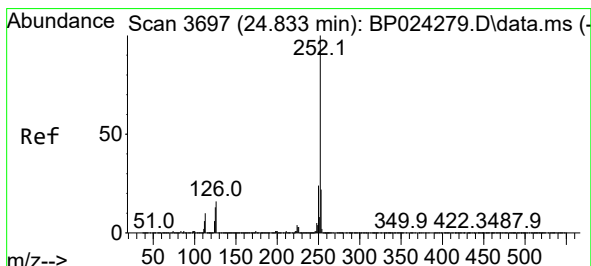
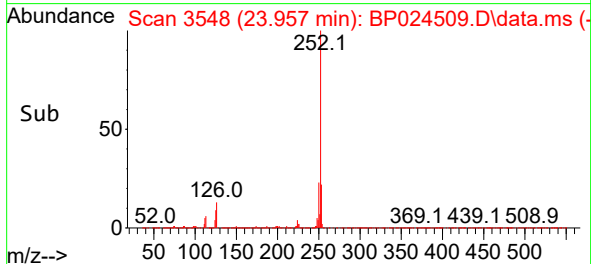
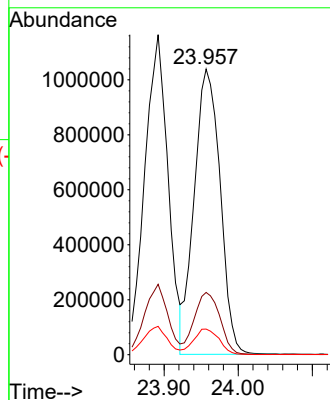
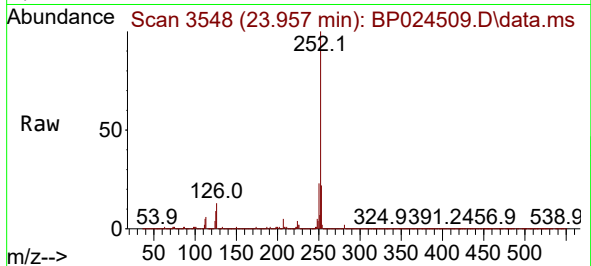




#89
Benzo(k)fluoranthene
Concen: 44.789 ng
RT: 23.957 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

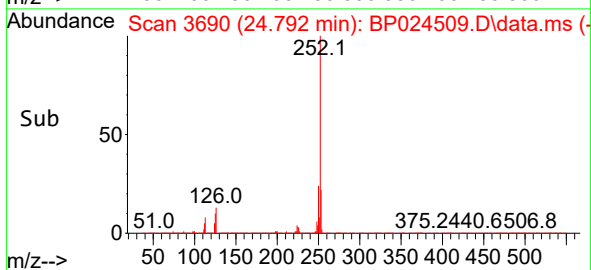
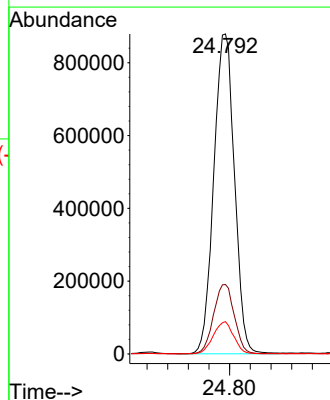
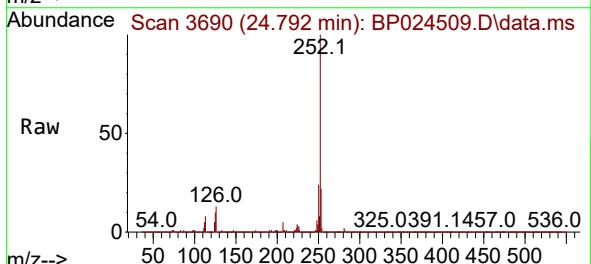
Instrument :
BNA_P
ClientSampleId :
WC-12MSD

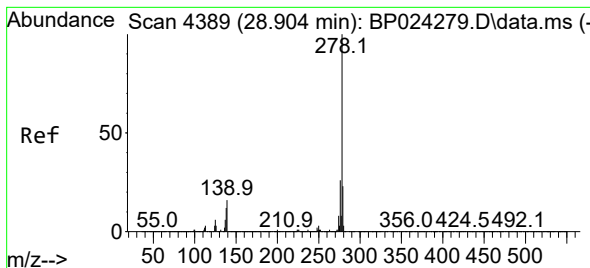
Tgt Ion:252 Resp: 2521861
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.0 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 48.547 ng
RT: 24.792 min Scan# 3690
Delta R.T. 0.012 min
Lab File: BP024509.D
Acq: 02 May 2025 14:56

Tgt Ion:252 Resp: 2441014
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.1 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 48.092 ng

RT: 28.827 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Instrument :

BNA_P

ClientSampleId :

WC-12MSD

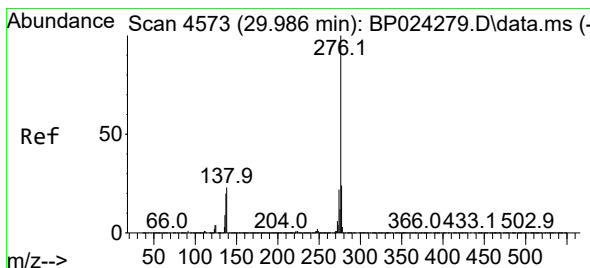
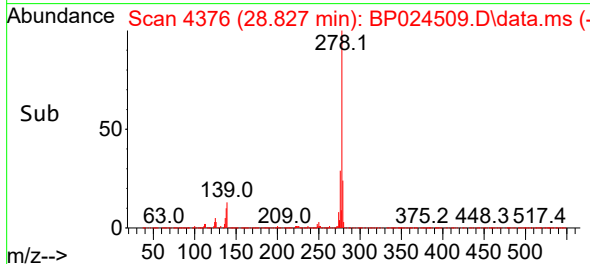
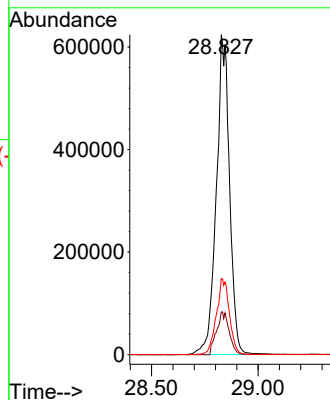
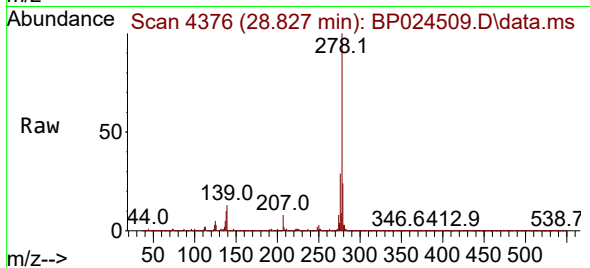
Tgt Ion:278 Resp: 2694966

Ion Ratio Lower Upper

278 100

139 13.4 12.6 19.0

279 23.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 46.077 ng

RT: 29.945 min Scan# 4566

Delta R.T. 0.047 min

Lab File: BP024509.D

Acq: 02 May 2025 14:56

Tgt Ion:276 Resp: 2628147

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 17.2 18.7 28.1#

