

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024362.D
 Acq On : 21 Apr 2025 14:56
 Operator : RC/JU
 Sample : Q1825-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-9MS

Quant Time: Apr 21 15:27:38 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	7.722	152	234078	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	892877	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	525424	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1011646	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1134085	20.000	ng	0.00
86) Perylene-d12	24.927	264	1349568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1822625	128.745	ng	0.00
7) Phenol-d6	6.916	99	2216410	114.338	ng	0.00
23) Nitrobenzene-d5	8.869	82	1373698	87.728	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	1016418	139.819	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2950834	85.989	ng	0.00
79) Terphenyl-d14	19.869	244	4895751	87.013	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	213771	35.699	ng	# 62
3) Pyridine	3.699	79	274479	17.359	ng	95
4) n-Nitrosodimethylamine	3.599	42	216606	41.277	ng	90
6) Aniline	7.069	93	343557	19.834	ng	99
8) 2-Chlorophenol	7.305	128	674822	42.694	ng	99
9) Benzaldehyde	6.881	77	136908	14.278	ng	97
10) Phenol	6.940	94	790683	40.661	ng	96
11) bis(2-Chloroethyl)ether	7.157	93	637691	40.701	ng	99
12) 1,3-Dichlorobenzene	7.616	146	660392	38.809	ng	99
13) 1,4-Dichlorobenzene	7.763	146	670290	38.823	ng	99
14) 1,2-Dichlorobenzene	8.075	146	646404	38.773	ng	98
15) Benzyl Alcohol	7.963	79	553208	44.129	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.246	45	691876	40.854	ng	100
17) 2-Methylphenol	8.169	107	550799	43.785	ng	98
18) Hexachloroethane	8.793	117	248836	39.881	ng	99
19) n-Nitroso-di-n-propyla...	8.522	70	463337	38.635	ng	98
20) 3+4-Methylphenols	8.493	107	741354	42.473	ng	98
22) Acetophenone	8.540	105	949615	42.970	ng	99
24) Nitrobenzene	8.910	77	682574	44.064	ng	99
25) Isophorone	9.434	82	1311829	46.284	ng	99
26) 2-Nitrophenol	9.616	139	351708	46.396	ng	97
27) 2,4-Dimethylphenol	9.681	122	601218	63.164	ng	99
28) bis(2-Chloroethoxy)met...	9.910	93	830601	43.380	ng	99
29) 2,4-Dichlorophenol	10.157	162	597304	46.023	ng	99
30) 1,2,4-Trichlorobenzene	10.363	180	604176	43.449	ng	99
31) Naphthalene	10.546	128	1946617	41.388	ng	100
32) Benzoic acid	9.828	122	451964m	40.750	ng	
33) 4-Chloroaniline	10.669	127	195943	11.830	ng	98
34) Hexachlorobutadiene	10.828	225	368125	45.052	ng	99
35) Caprolactam	11.451	113	173407	36.211	ng	96
36) 4-Chloro-3-methylphenol	11.793	107	667268	44.141	ng	100
37) 2-Methylnaphthalene	12.157	142	1236354	37.903	ng	99
38) 1-Methylnaphthalene	12.375	142	1288422	40.377	ng	100
40) 1,2,4,5-Tetrachloroben...	12.528	216	668661	46.277	ng	98
41) Hexachlorocyclopentadiene	12.510	237	974254	190.645	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	477605	49.716	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024362.D
 Acq On : 21 Apr 2025 14:56
 Operator : RC/JU
 Sample : Q1825-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-9MS

Quant Time: Apr 21 15:27:38 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

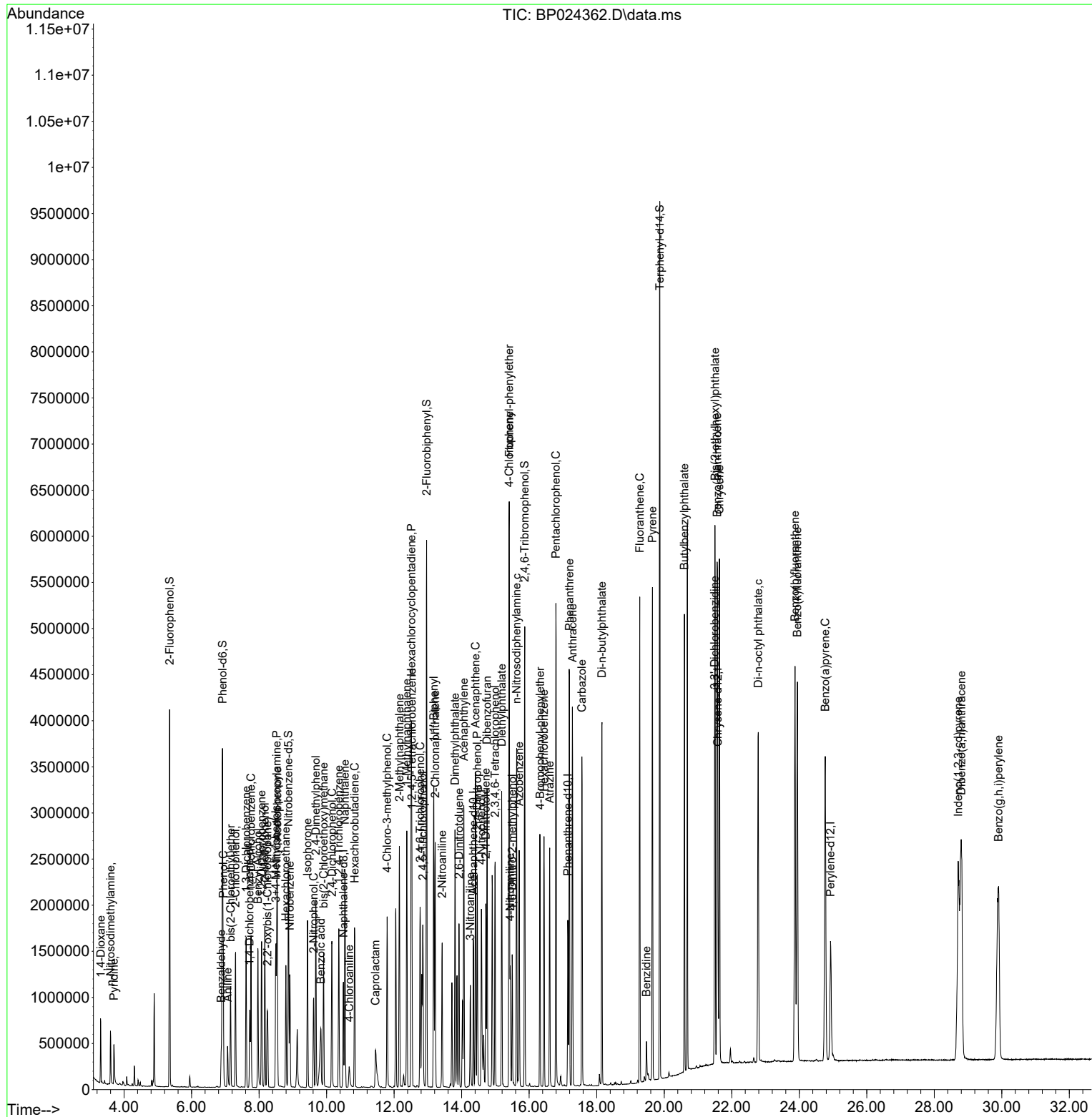
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	514216	48.337	ng	99
46) 1,1'-Biphenyl	13.175	154	1735520	44.937	ng	99
47) 2-Chloronaphthalene	13.216	162	1323460	45.850	ng	99
48) 2-Nitroaniline	13.422	65	393690	48.623	ng	97
49) Acenaphthylene	14.063	152	2204718	48.513	ng	100
50) Dimethylphthalate	13.804	163	1739226	45.518	ng	100
51) 2,6-Dinitrotoluene	13.922	165	375906	46.329	ng	95
52) Acenaphthene	14.410	154	1257352	43.641	ng	100
53) 3-Nitroaniline	14.257	138	315920	37.046	ng	97
54) 2,4-Dinitrophenol	14.463	184	501056	104.837	ng	93
55) Dibenzofuran	14.751	168	2016544	42.819	ng	98
56) 4-Nitrophenol	14.586	139	715792	97.189	ng	96
57) 2,4-Dinitrotoluene	14.716	165	542856	49.047	ng	96
58) Fluorene	15.410	166	1626856	44.624	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	455997	46.475	ng	98
60) Diethylphthalate	15.186	149	1755973	44.595	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	791641	44.716	ng	98
62) 4-Nitroaniline	15.439	138	411907	45.628	ng	93
63) Azobenzene	15.704	77	1567301	43.306	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	313907	49.217	ng	98
66) n-Nitrosodiphenylamine	15.628	169	1418602	46.981	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	530200	47.920	ng	99
68) Hexachlorobenzene	16.439	284	639238	48.621	ng	98
69) Atrazine	16.610	200	494825	64.343	ng	99
70) Pentachlorophenol	16.792	266	904013	98.563	ng	99
71) Phenanthrene	17.192	178	2546028	46.134	ng	100
72) Anthracene	17.280	178	2576242	48.435	ng	100
73) Carbazole	17.563	167	2448812	47.119	ng	99
74) Di-n-butylphthalate	18.157	149	3103867	47.937	ng	100
75) Fluoranthene	19.274	202	2999132	45.693	ng	99
77) Benzidine	19.474	184	321984	22.398	ng	99
78) Pyrene	19.651	202	3187190	44.222	ng	99
80) Butylbenzylphthalate	20.598	149	1488906	48.231	ng	100
81) Benzo(a)anthracene	21.568	228	3330620	47.249	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	705100	28.499	ng	99
83) Chrysene	21.633	228	3096106	45.846	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	2194902	48.501	ng	100
85) Di-n-octyl phthalate	22.786	149	3758576	51.088	ng	100
87) Indeno(1,2,3-cd)pyrene	28.709	276	4847151	51.734	ng	98
88) Benzo(b)fluoranthene	23.874	252	3653037	45.158	ng	99
89) Benzo(k)fluoranthene	23.945	252	3709304	47.470	ng	99
90) Benzo(a)pyrene	24.768	252	3498692	50.140	ng	98
91) Dibenzo(a,h)anthracene	28.797	278	3974066	51.102	ng	99
92) Benzo(g,h,i)perylene	29.903	276	3915296	49.463	ng	98

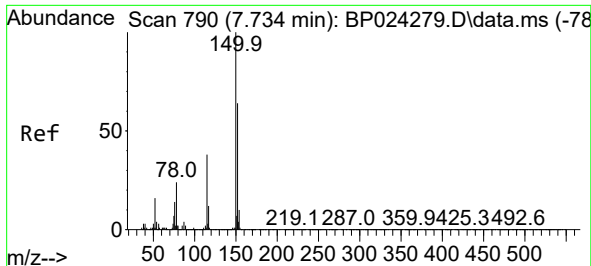
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
Data File : BP024362.D
Acq On : 21 Apr 2025 14:56
Operator : RC/JU
Sample : Q1825-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9MS

Quant Time: Apr 21 15:27:38 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

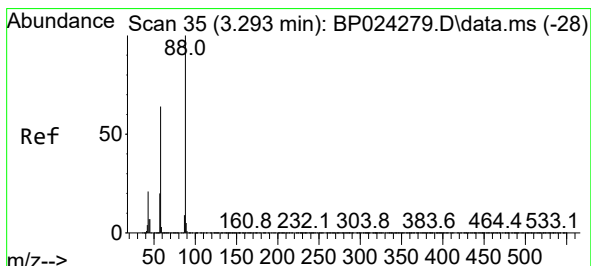
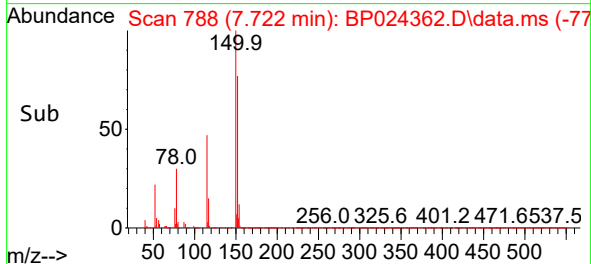
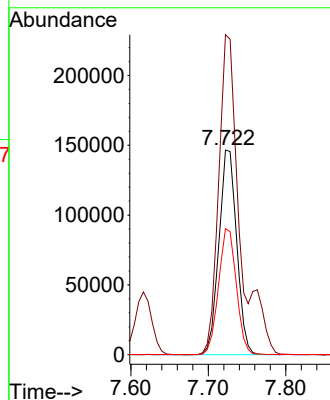
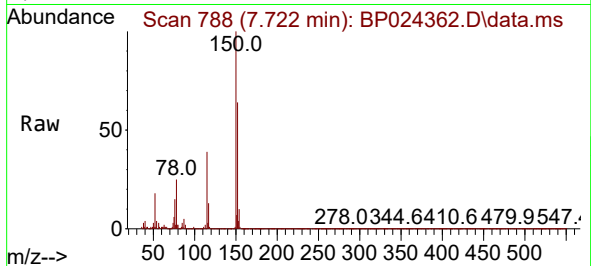




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

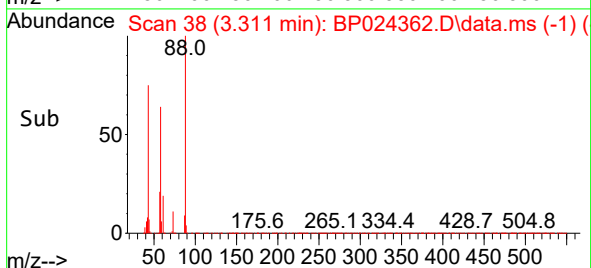
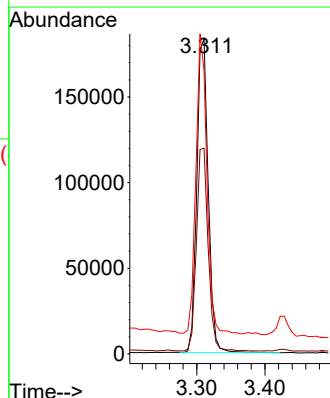
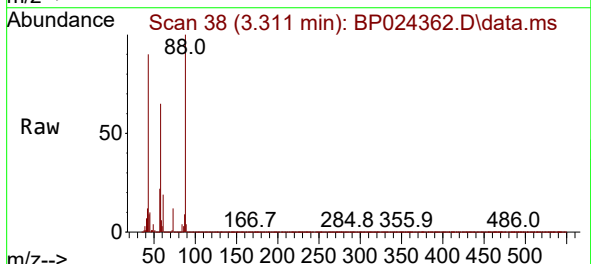
Instrument :
BNA_P
ClientSampleId :
TP-9MS

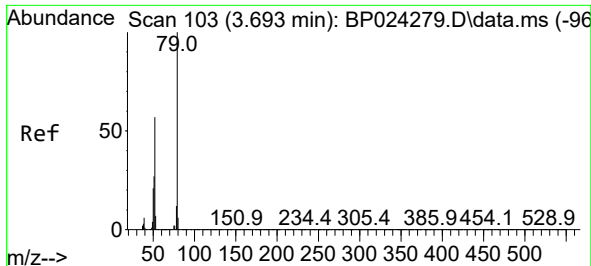
Tgt Ion:152 Resp: 234078
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 61.6 47.7 71.5



#2
1,4-Dioxane
Concen: 35.699 ng
RT: 3.311 min Scan# 38
Delta R.T. 0.023 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion: 88 Resp: 213771
Ion Ratio Lower Upper
88 100
58 65.6 51.4 77.2
43 91.1 17.1 25.7#

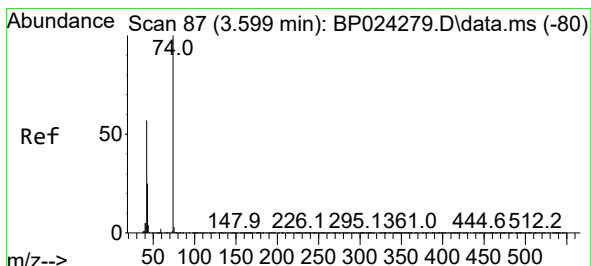
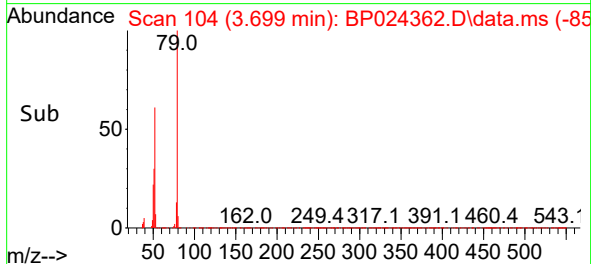
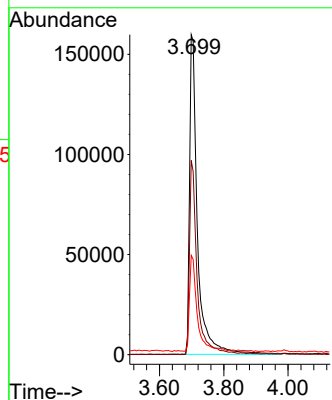
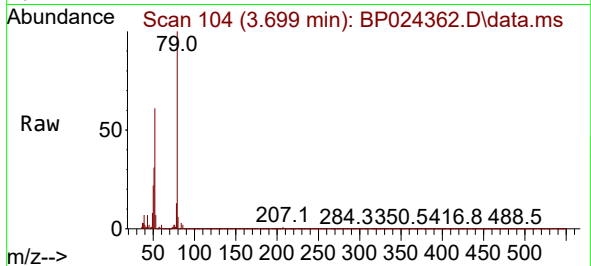




#3
Pyridine
Concen: 17.359 ng
RT: 3.699 min Scan# 103
Delta R.T. 0.012 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

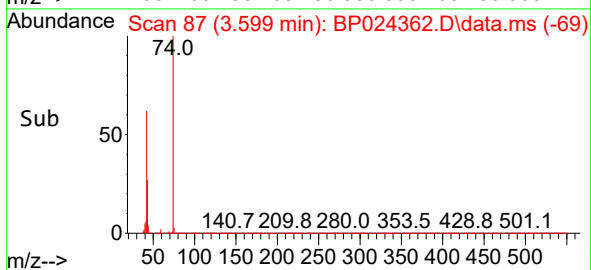
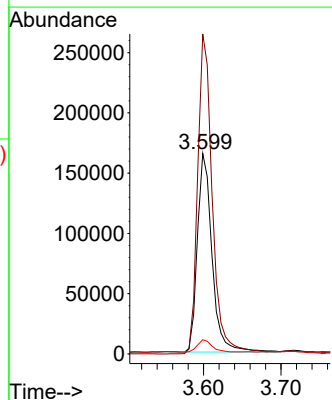
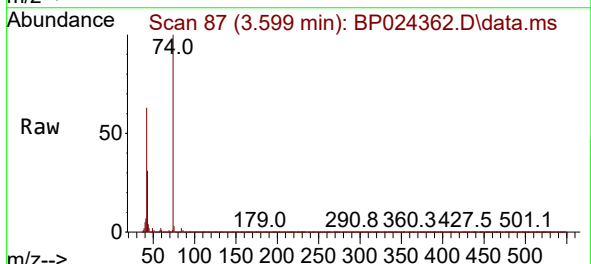
Instrument :
BNA_P
ClientSampleId :
TP-9MS

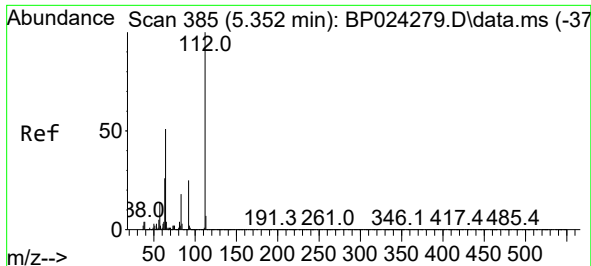
Tgt Ion: 79 Resp: 274479
Ion Ratio Lower Upper
79 100
52 60.7 45.4 68.2
51 31.0 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 41.277 ng
RT: 3.599 min Scan# 87
Delta R.T. 0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion: 42 Resp: 216606
Ion Ratio Lower Upper
42 100
74 159.7 139.5 209.3
44 7.1 5.8 8.8

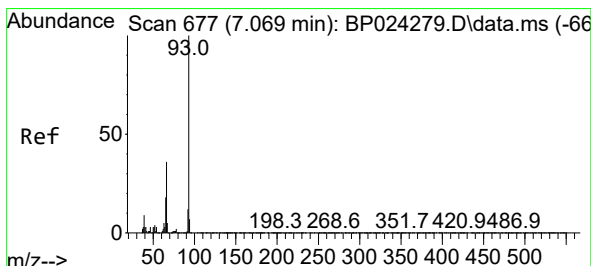
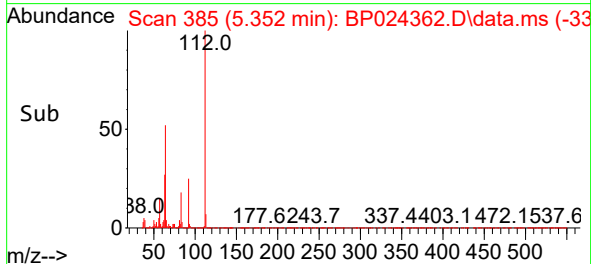
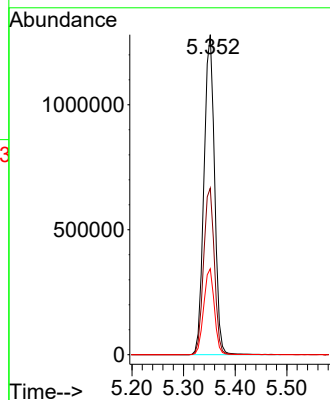
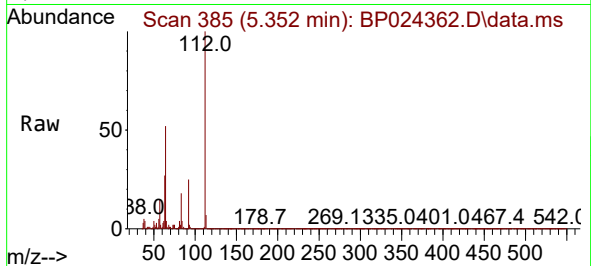




#5
2-Fluorophenol
Concen: 128.745 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

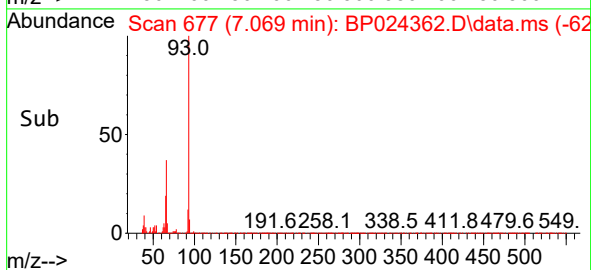
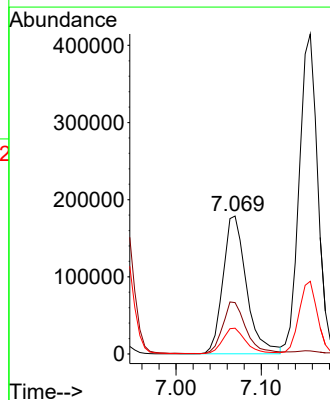
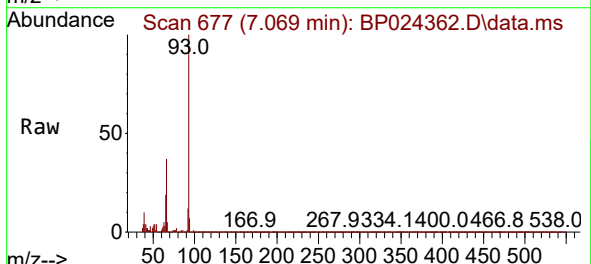
Instrument :
BNA_P
ClientSampleId :
TP-9MS

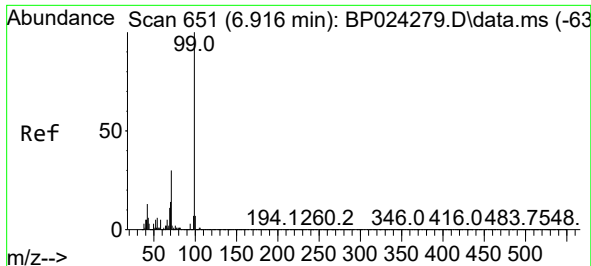
Tgt Ion:112 Resp: 1822625
Ion Ratio Lower Upper
112 100
64 52.1 41.1 61.7
63 26.8 20.6 30.8



#6
Aniline
Concen: 19.834 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion: 93 Resp: 343557
Ion Ratio Lower Upper
93 100
66 37.2 29.1 43.7
65 18.6 14.7 22.1

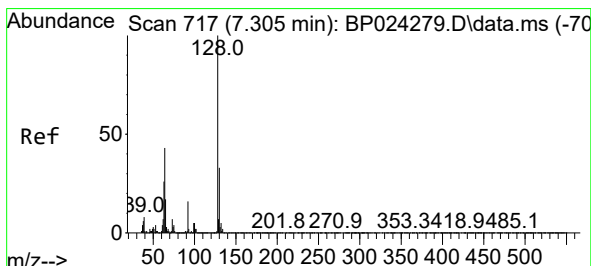
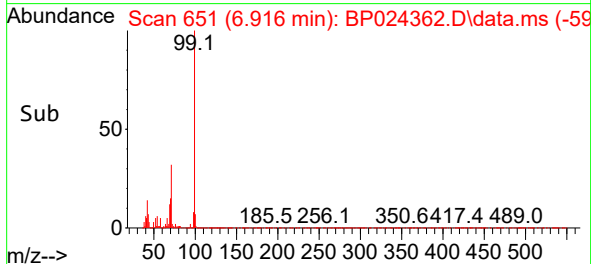
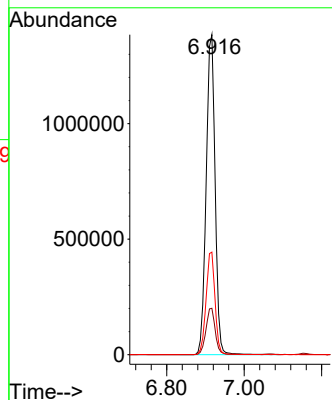
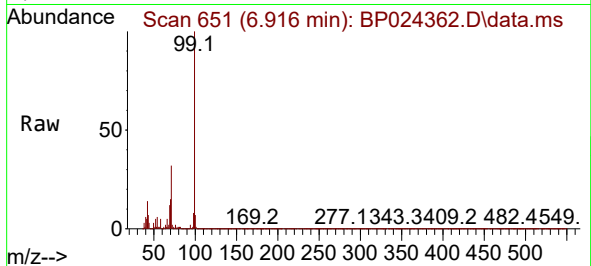




#7
Phenol-d6
Concen: 114.338 ng
RT: 6.916 min Scan# 651
Delta R.T. 0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

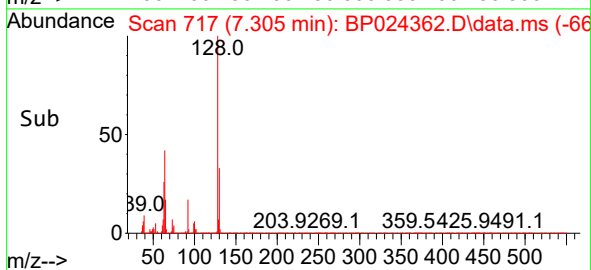
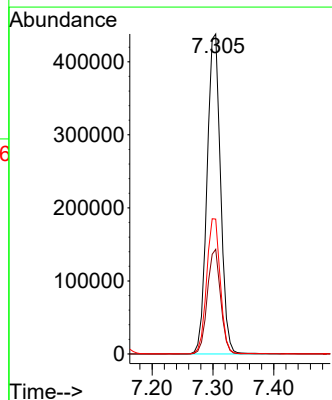
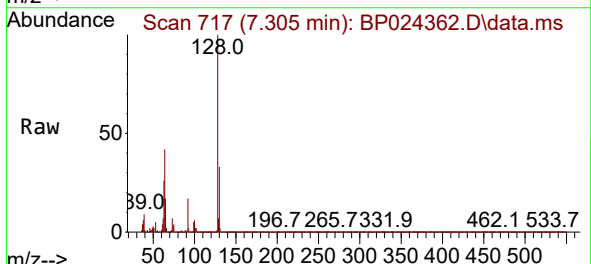
Instrument :
BNA_P
ClientSampleId :
TP-9MS

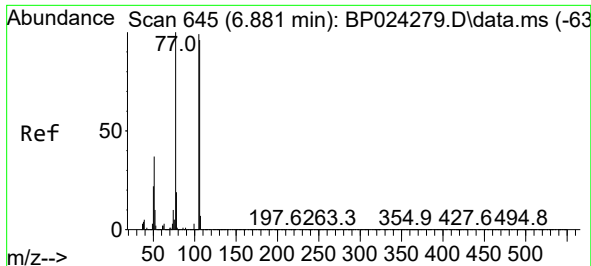
Tgt Ion: 99 Resp: 2216410
Ion Ratio Lower Upper
99 100
42 14.5 10.6 16.0
71 32.0 23.7 35.5



#8
2-Chlorophenol
Concen: 42.694 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion: 128 Resp: 674822
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 42.1 22.7 62.7

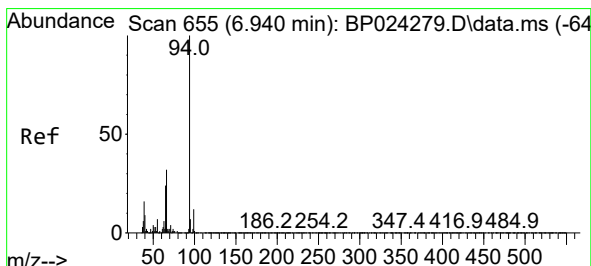
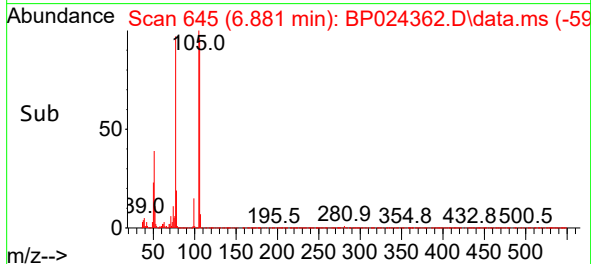
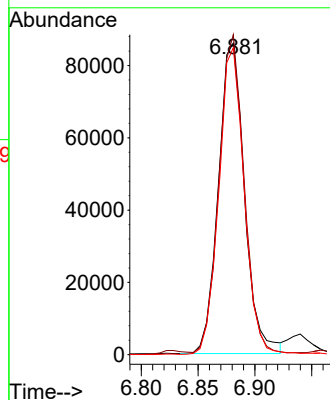
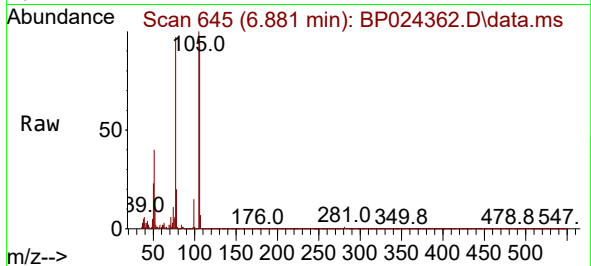




#9
Benzaldehyde
Concen: 14.278 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

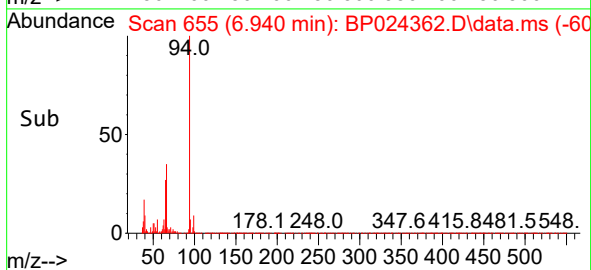
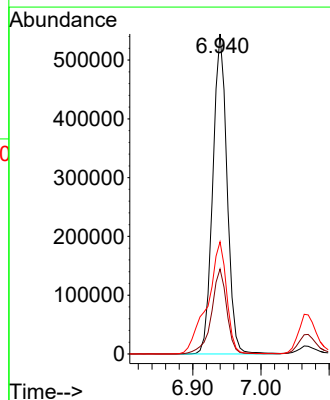
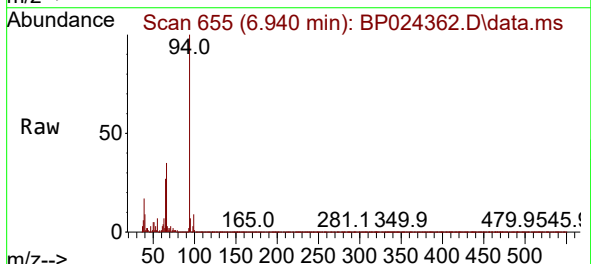
Instrument :
BNA_P
ClientSampleId :
TP-9MS

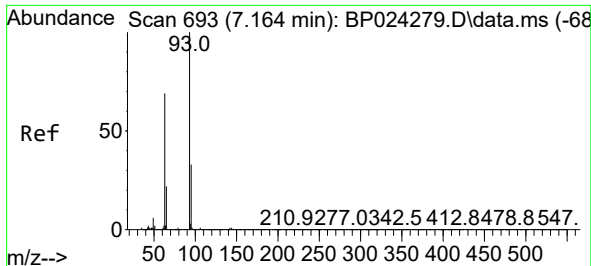
Tgt Ion: 77 Resp: 136908
Ion Ratio Lower Upper
77 100
105 102.7 79.2 119.2
106 98.5 76.2 116.2



#10
Phenol
Concen: 40.661 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion: 94 Resp: 790683
Ion Ratio Lower Upper
94 100
65 26.5 4.5 44.5
66 35.1 12.4 52.4

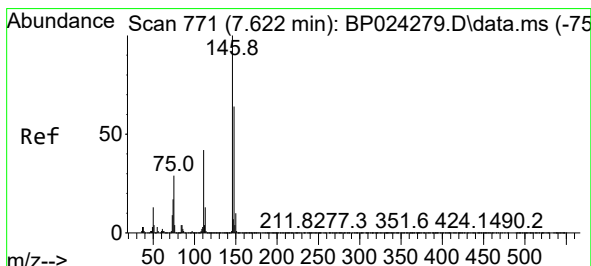
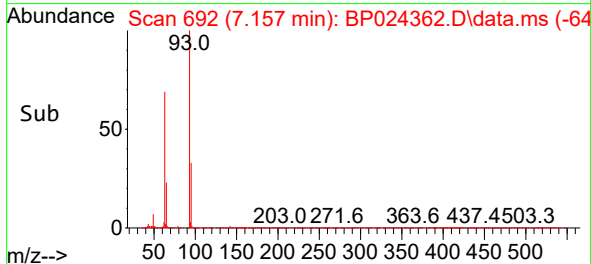
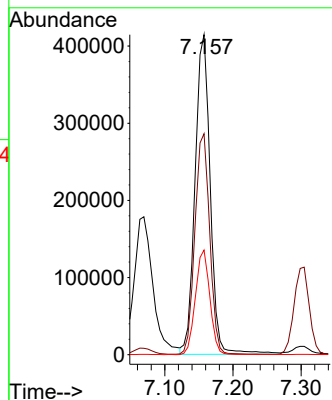
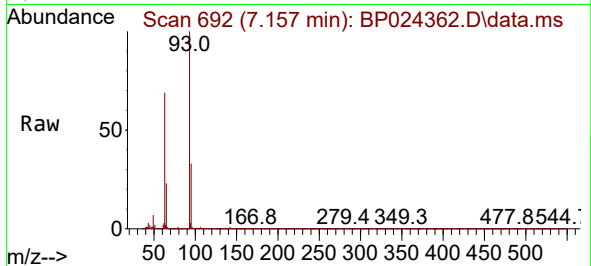




#11
bis(2-Chloroethyl)ether
Concen: 40.701 ng
RT: 7.157 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

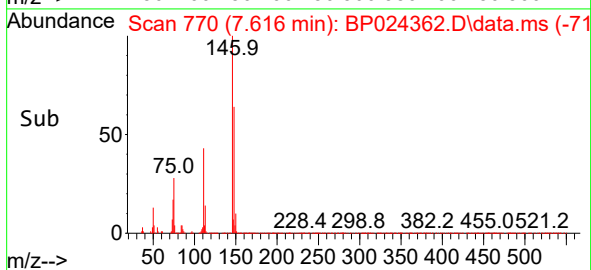
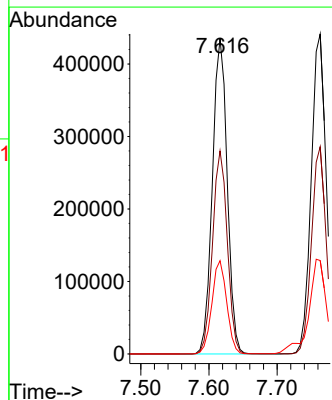
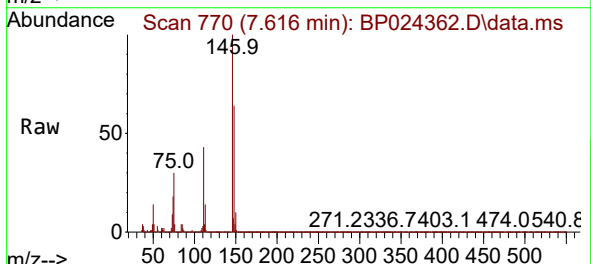
Instrument :
BNA_P
ClientSampleId :
TP-9MS

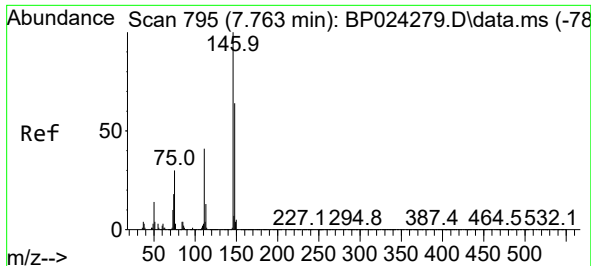
Tgt Ion: 93 Resp: 637691
Ion Ratio Lower Upper
93 100
63 69.0 48.6 88.6
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.809 ng
RT: 7.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:146 Resp: 660392
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
75 29.6 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 38.823 ng

RT: 7.763 min Scan# 795

Delta R.T. 0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

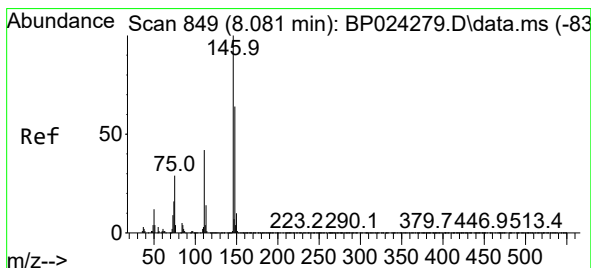
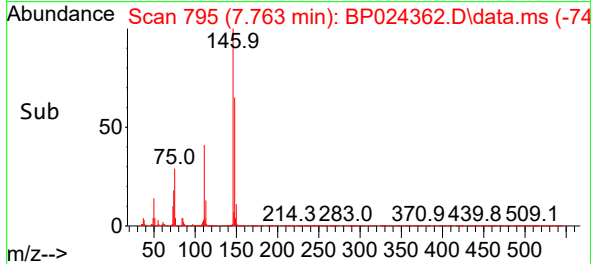
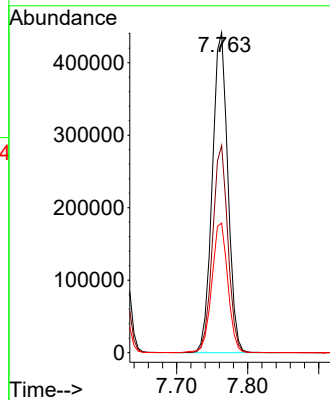
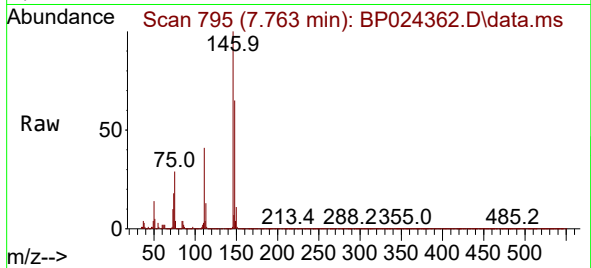
Tgt Ion:146 Resp: 670290

Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

111 40.5 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 38.773 ng

RT: 8.075 min Scan# 848

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

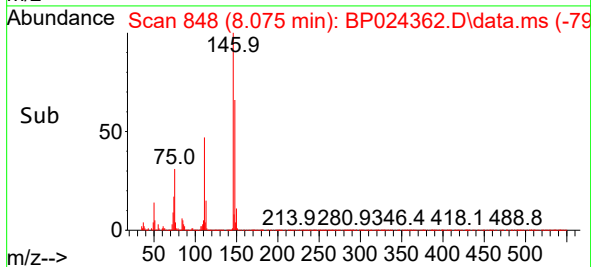
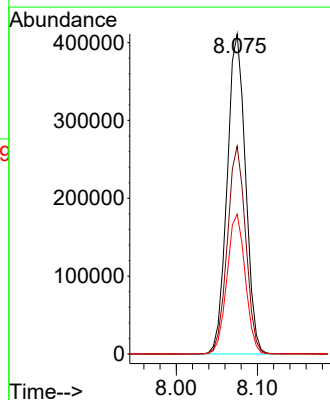
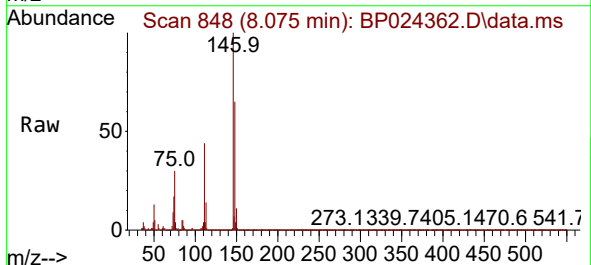
Tgt Ion:146 Resp: 646404

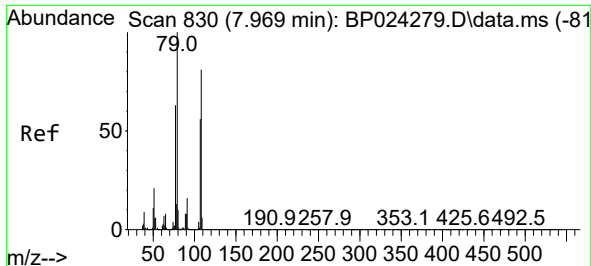
Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.4

111 43.7 33.8 50.8

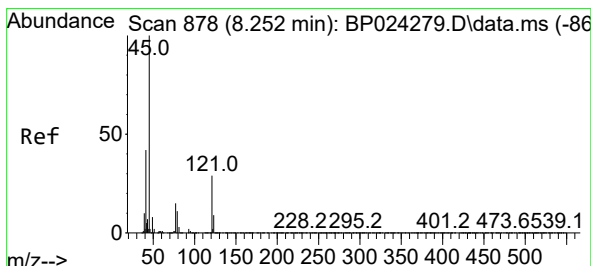
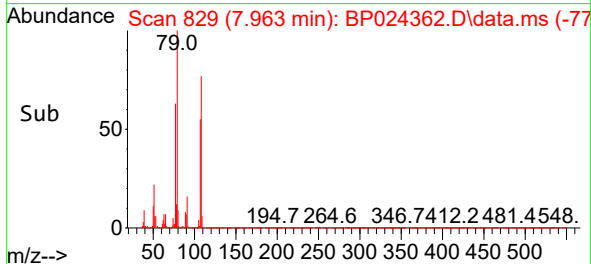
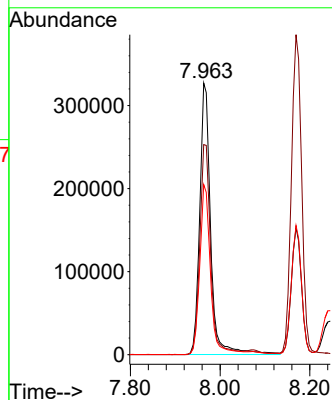
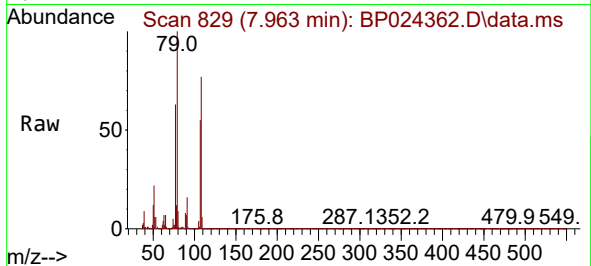




#15
Benzyl Alcohol
Concen: 44.129 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

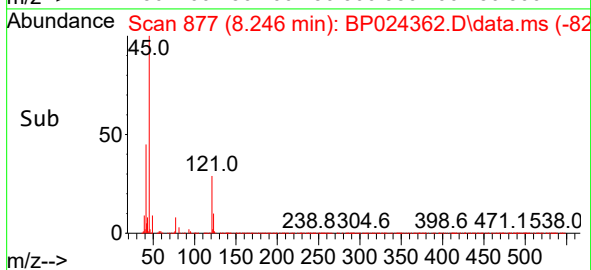
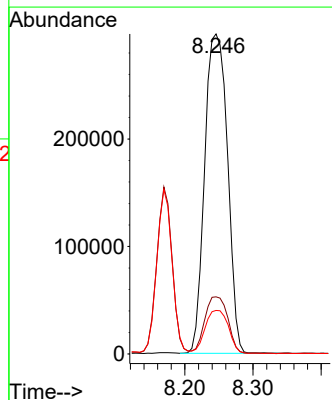
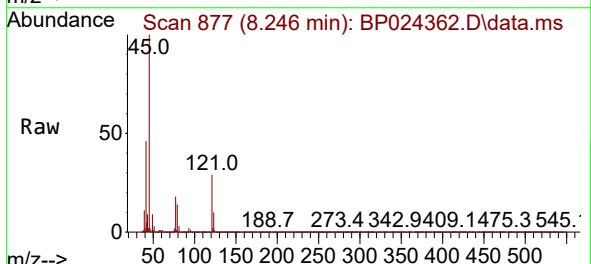
Instrument :
BNA_P
ClientSampleId :
TP-9MS

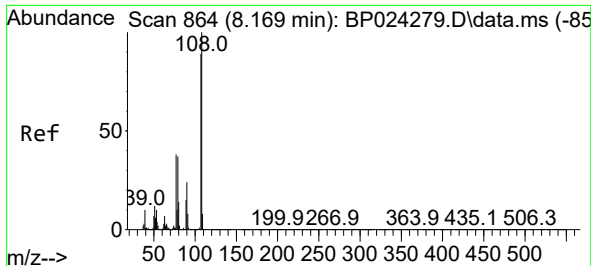
Tgt Ion: 79 Resp: 553208
Ion Ratio Lower Upper
79 100
108 77.3 65.1 97.7
77 62.6 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.854 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion: 45 Resp: 691876
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 13.6 0.0 33.5

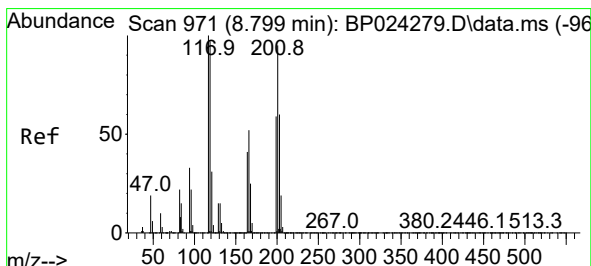
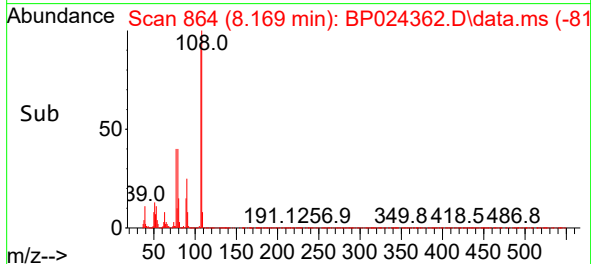
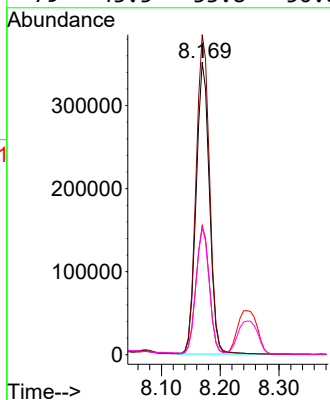
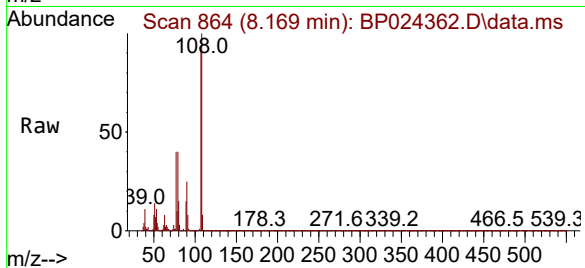




#17
2-Methylphenol
Concen: 43.785 ng
RT: 8.169 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

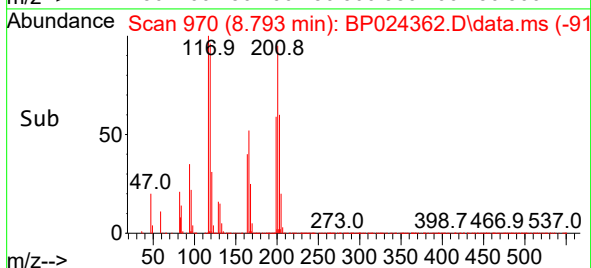
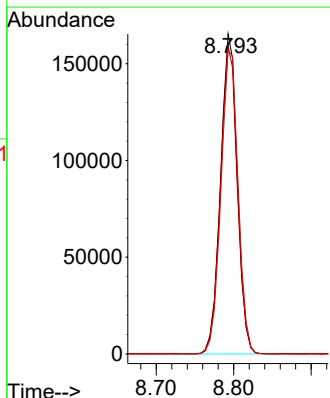
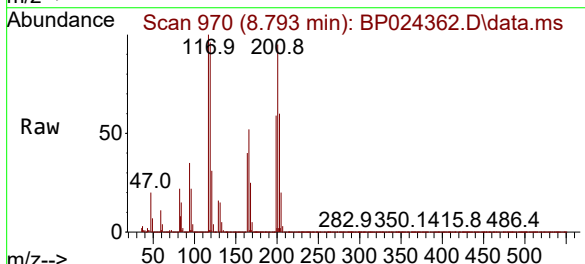
Instrument :
BNA_P
ClientSampleId :
TP-9MS

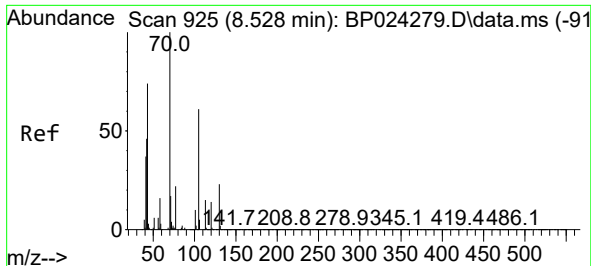
Tgt Ion:107 Resp: 550799
Ion Ratio Lower Upper
107 100
108 109.5 89.8 134.6
77 44.2 34.2 51.4
79 43.5 33.8 50.8



#18
Hexachloroethane
Concen: 39.881 ng
RT: 8.793 min Scan# 970
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

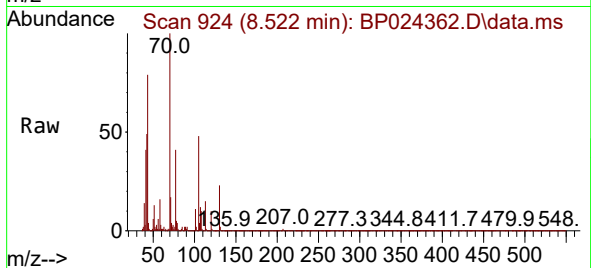
Tgt Ion:117 Resp: 248836
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.6
201 95.0 75.9 113.9



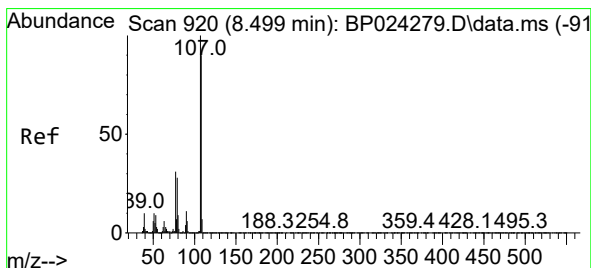
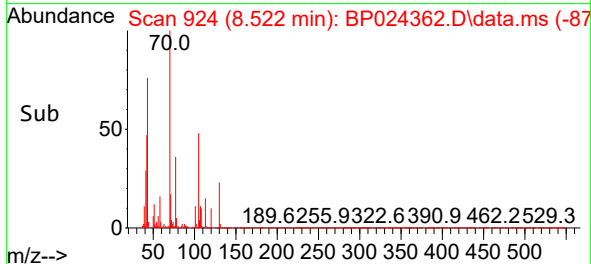
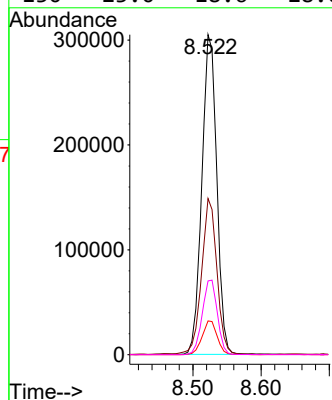


#19
n-Nitroso-di-n-propylamine
Concen: 38.635 ng
RT: 8.522 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Instrument :
BNA_P
ClientSampleId :
TP-9MS

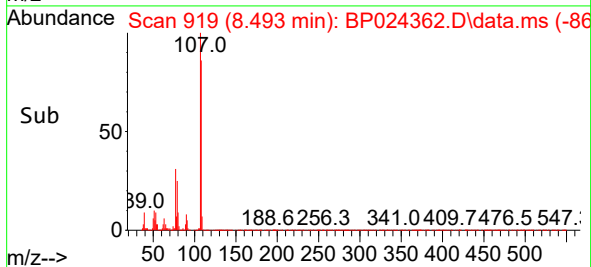
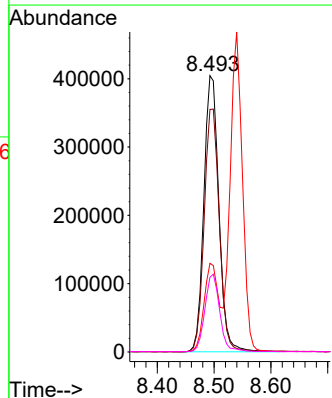
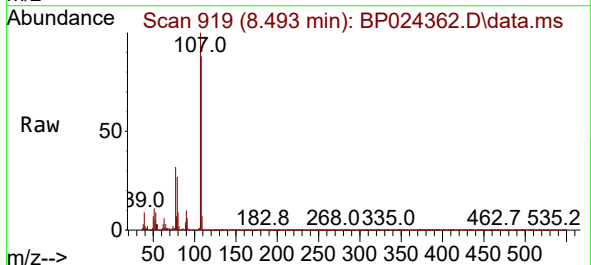


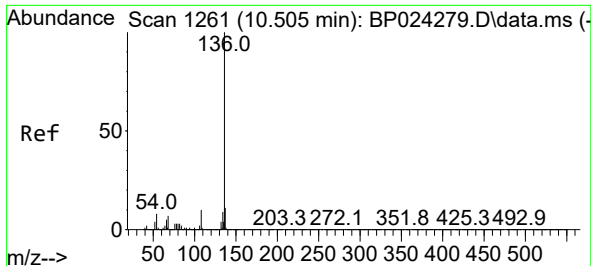
Tgt Ion: 70 Resp: 463337
Ion Ratio Lower Upper
70 100
42 48.8 37.3 55.9
101 10.6 8.2 12.4
130 23.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 42.473 ng
RT: 8.493 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion: 107 Resp: 741354
Ion Ratio Lower Upper
107 100
108 87.8 69.8 109.8
77 32.1 11.5 51.5
79 27.0 7.8 47.8

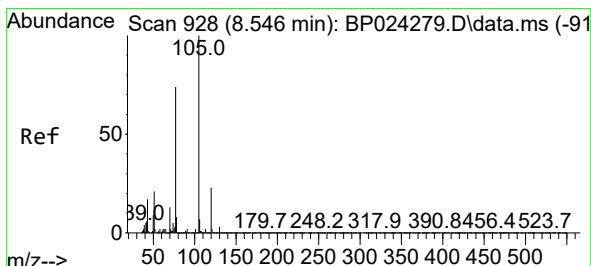
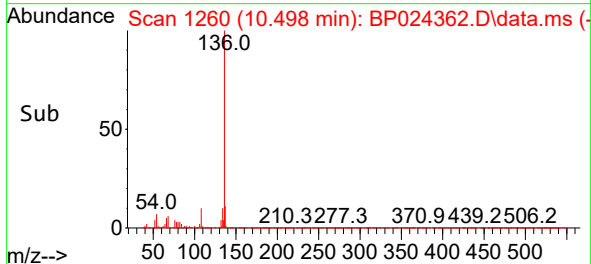
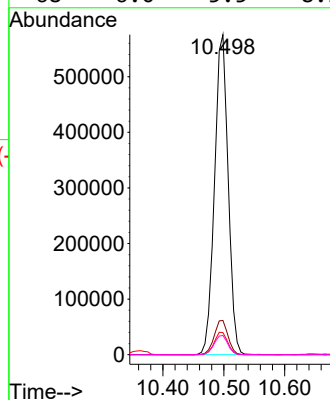
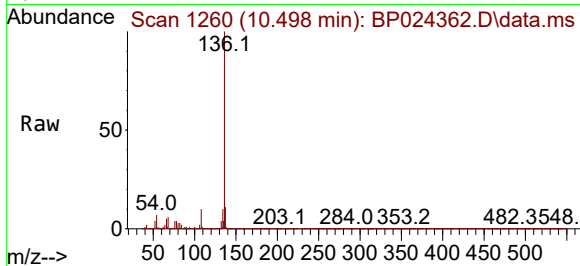




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

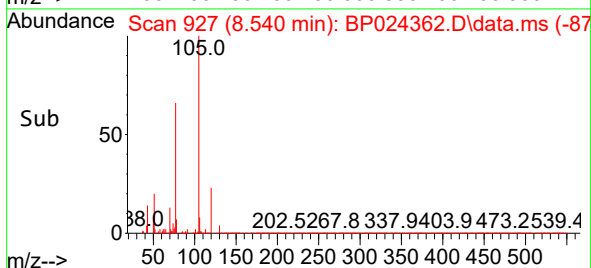
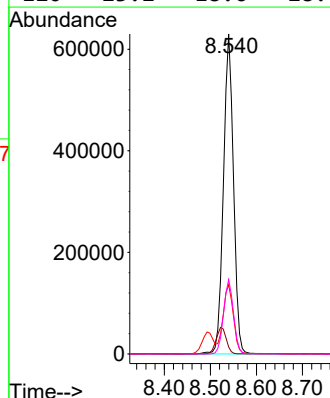
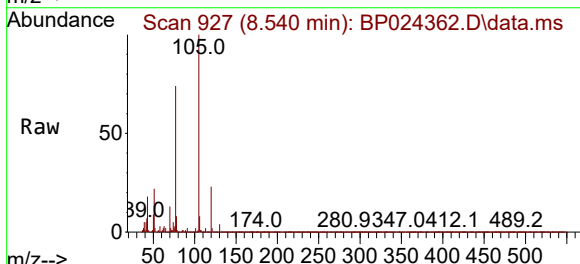
Instrument :
BNA_P
ClientSampleId :
TP-9MS

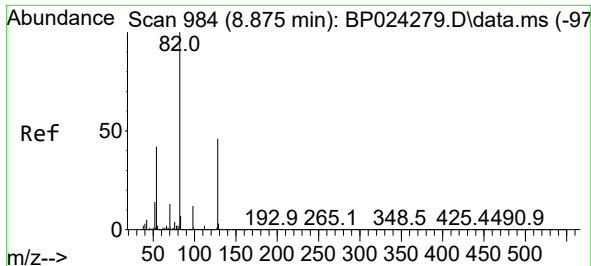
Tgt Ion:	136	Resp:	892877
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.9	6.0	9.0
68	6.0	5.5	8.3



#22
Acetophenone
Concen: 42.970 ng
RT: 8.540 min Scan# 927
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:	105	Resp:	949615
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	21.7	16.9	25.3
120	23.2	18.6	28.0

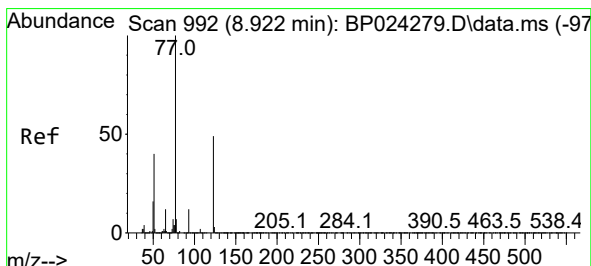
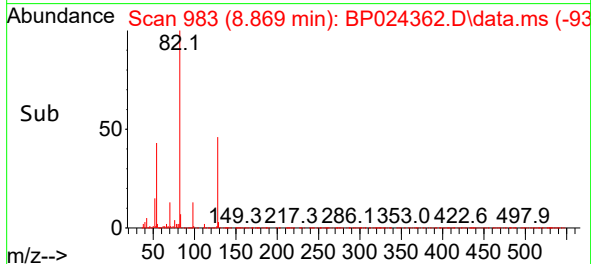
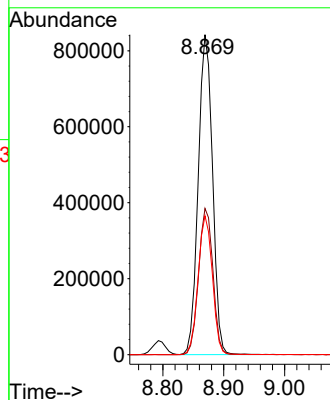
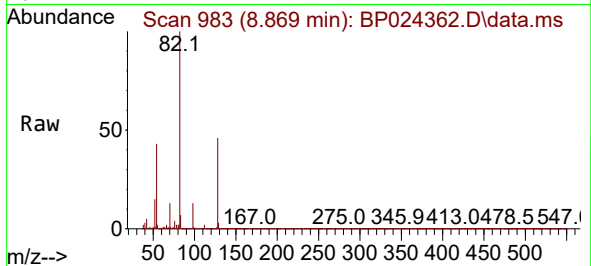




#23
Nitrobenzene-d5
Concen: 87.728 ng
RT: 8.869 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

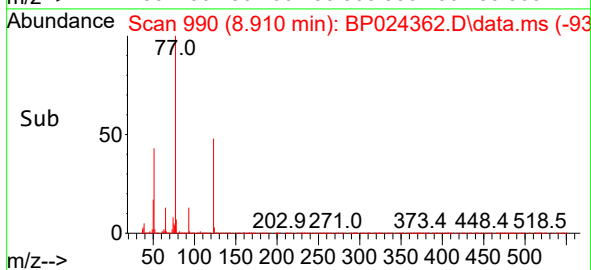
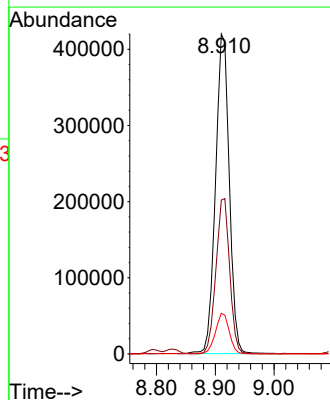
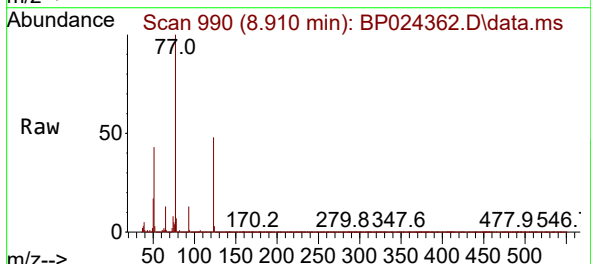
Instrument :
BNA_P
ClientSampleId :
TP-9MS

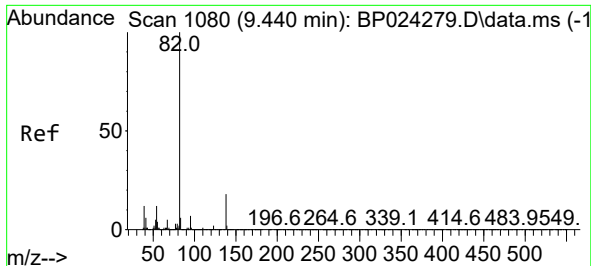
Tgt Ion: 82 Resp: 1373698
Ion Ratio Lower Upper
82 100
128 45.7 36.5 54.7
54 43.4 33.4 50.2



#24
Nitrobenzene
Concen: 44.064 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion: 77 Resp: 682574
Ion Ratio Lower Upper
77 100
123 48.1 39.2 58.8
65 12.7 9.8 14.6

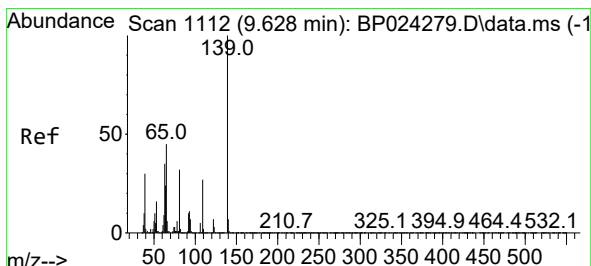
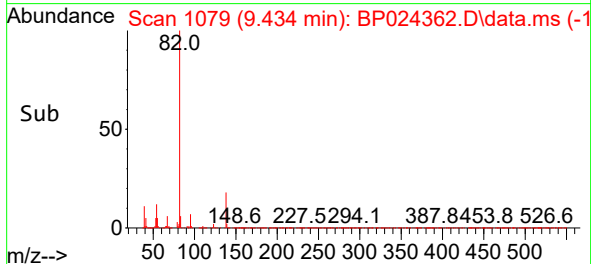
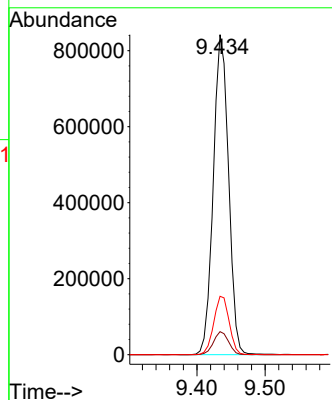
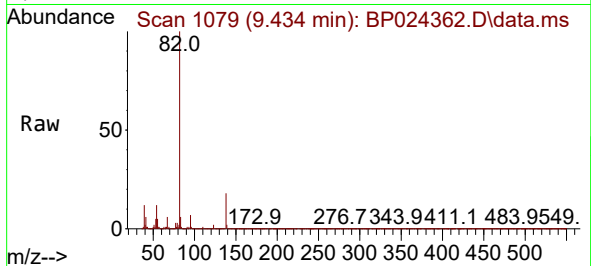




#25
Isophorone
Concen: 46.284 ng
RT: 9.434 min Scan# 1080
Delta R.T. 0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

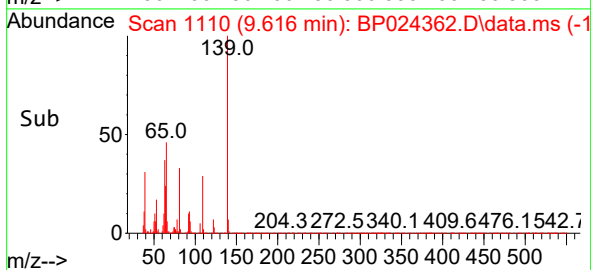
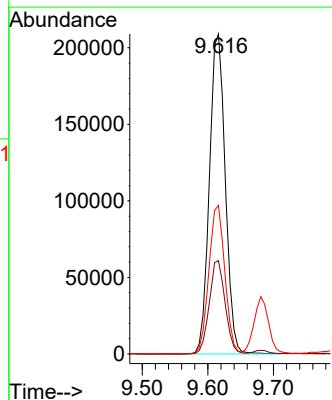
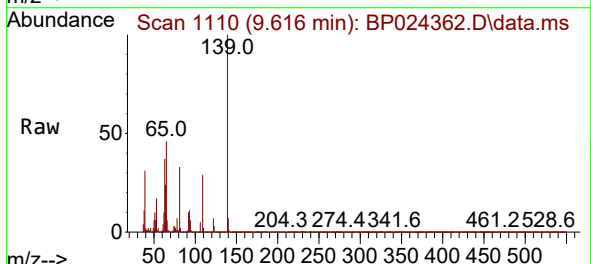
Instrument :
BNA_P
ClientSampleId :
TP-9MS

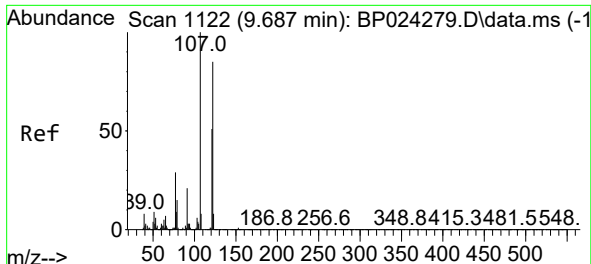
Tgt Ion: 82 Resp: 1311829
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 18.3 14.4 21.6



#26
2-Nitrophenol
Concen: 46.396 ng
RT: 9.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion: 139 Resp: 351708
Ion Ratio Lower Upper
139 100
109 29.2 21.8 32.6
65 46.5 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 63.164 ng

RT: 9.681 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

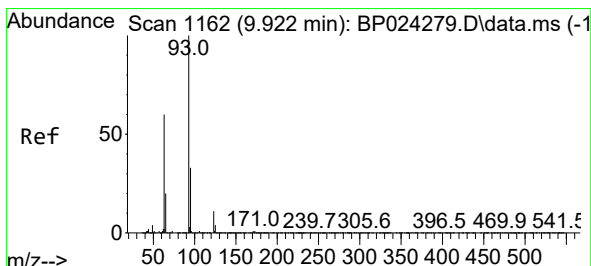
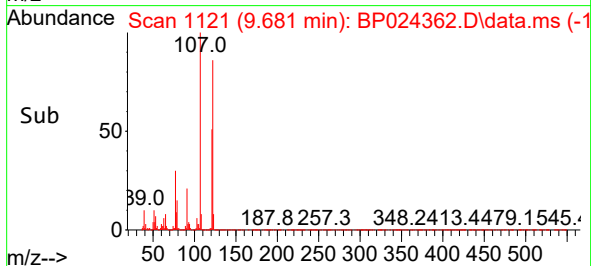
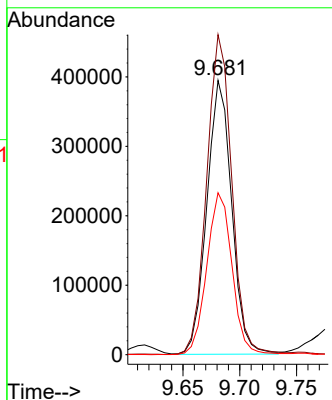
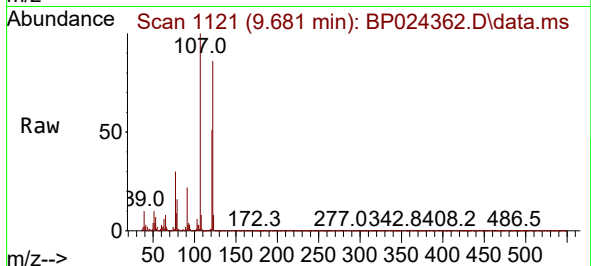
Tgt Ion:122 Resp: 601218

Ion Ratio Lower Upper

122 100

107 116.7 93.7 140.5

121 59.0 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 43.380 ng

RT: 9.910 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

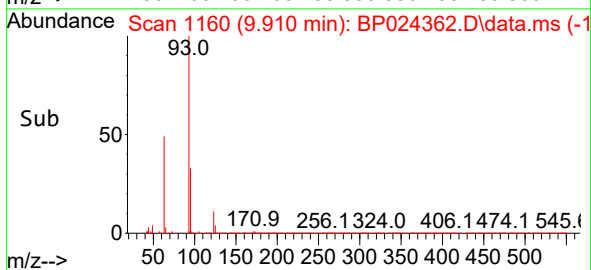
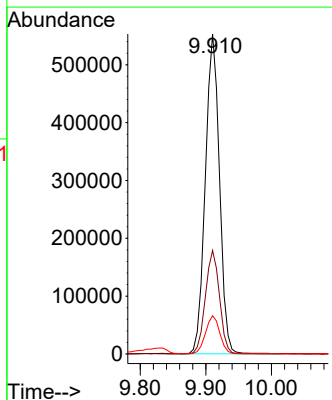
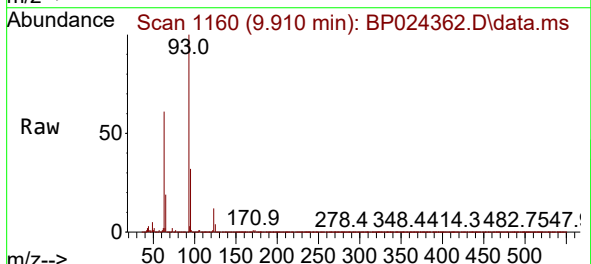
Tgt Ion: 93 Resp: 830601

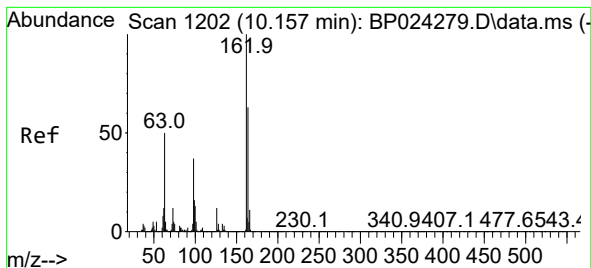
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 12.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.023 ng

RT: 10.157 min Scan# 1202

Delta R.T. 0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

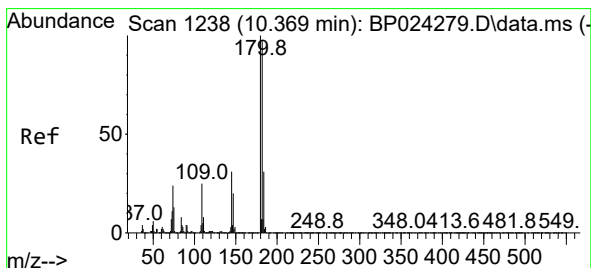
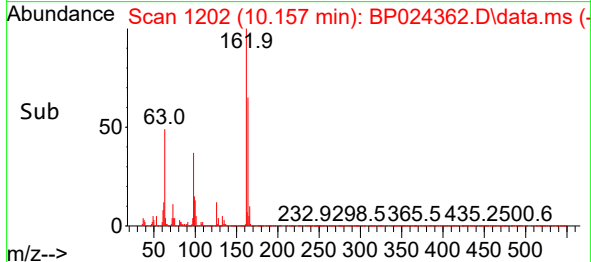
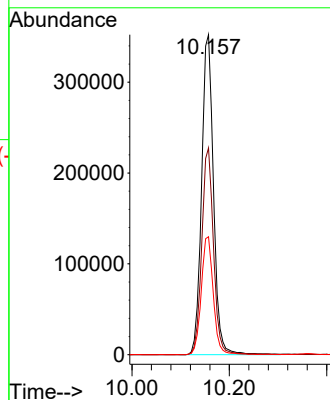
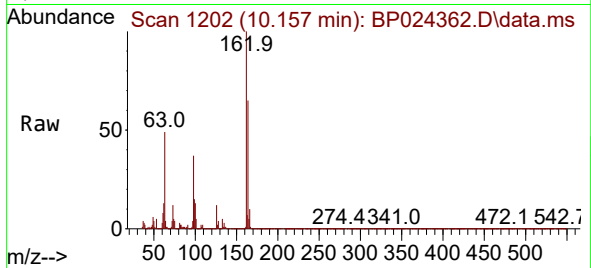
Tgt Ion:162 Resp: 597304

Ion Ratio Lower Upper

162 100

164 64.6 43.3 83.3

98 36.9 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 43.449 ng

RT: 10.363 min Scan# 1237

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

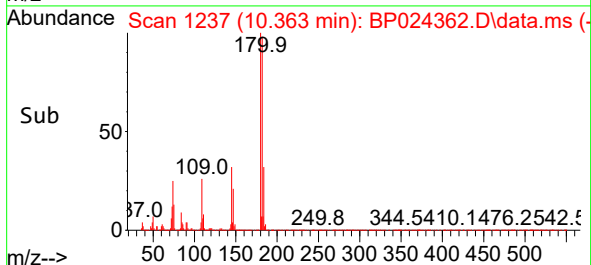
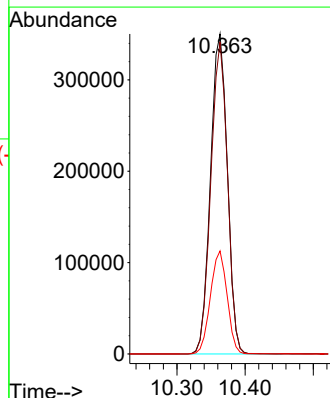
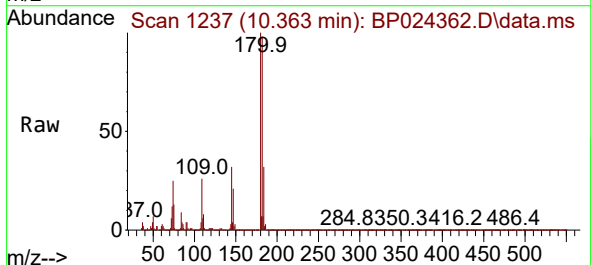
Tgt Ion:180 Resp: 604176

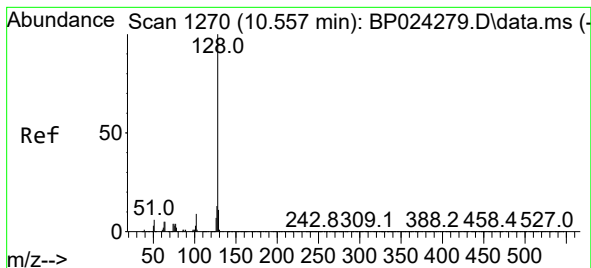
Ion Ratio Lower Upper

180 100

182 97.5 77.3 115.9

145 32.2 25.1 37.7

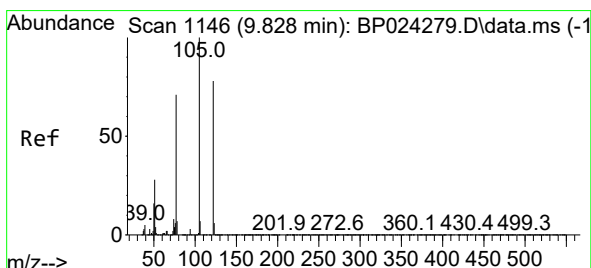
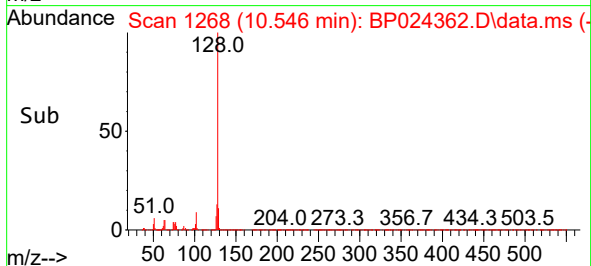
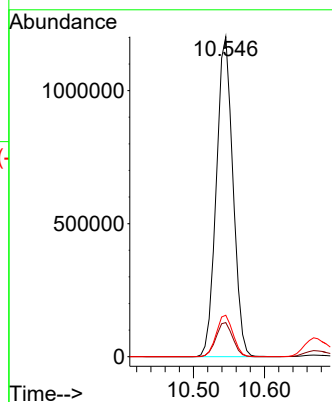
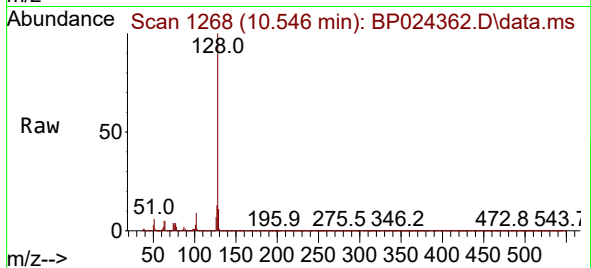




#31
Naphthalene
Concen: 41.388 ng
RT: 10.546 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

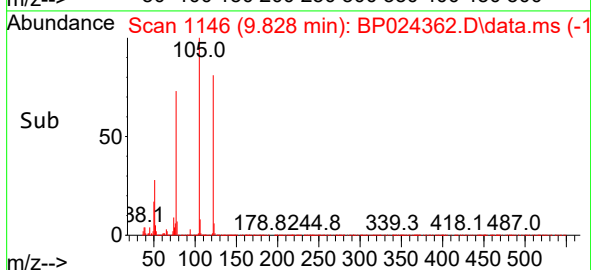
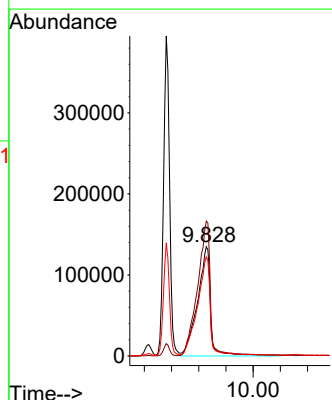
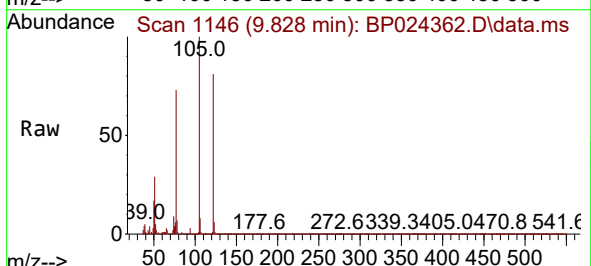
Instrument :
BNA_P
ClientSampleId :
TP-9MS

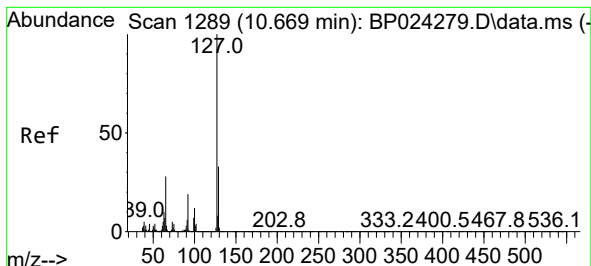
Tgt Ion:128 Resp: 1946617
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 40.750 ng m
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:122 Resp: 451964
Ion Ratio Lower Upper
122 100
105 123.5 104.8 144.8
77 90.7 69.2 109.2





#33

4-Chloroaniline

Concen: 11.830 ng

RT: 10.669 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

Tgt Ion:127 Resp: 195943

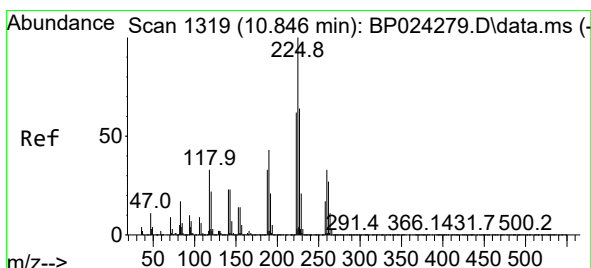
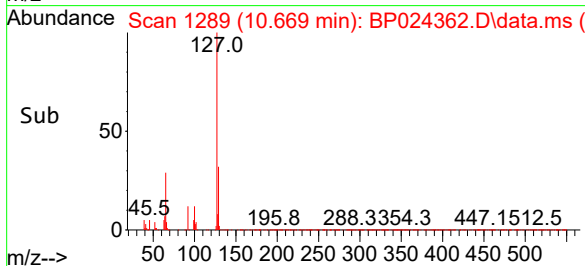
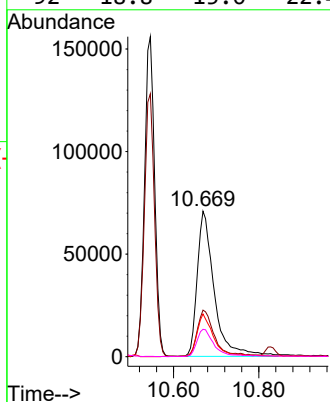
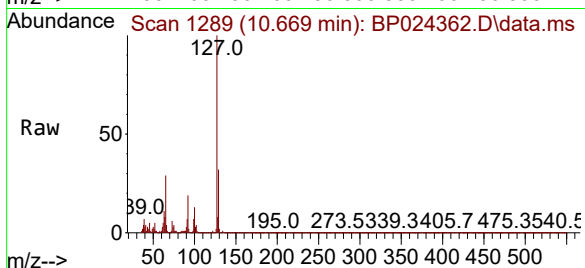
Ion Ratio Lower Upper

127 100

129 32.0 26.1 39.1

65 29.4 22.1 33.1

92 18.8 15.0 22.4



#34

Hexachlorobutadiene

Concen: 45.052 ng

RT: 10.828 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

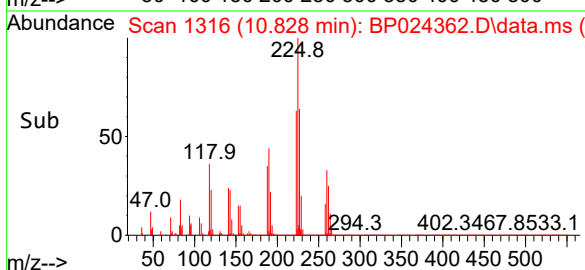
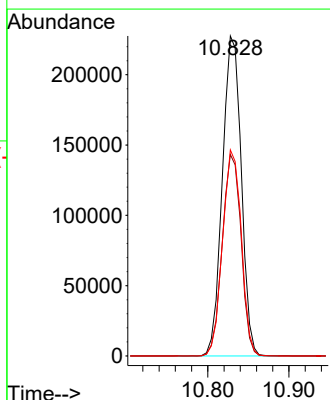
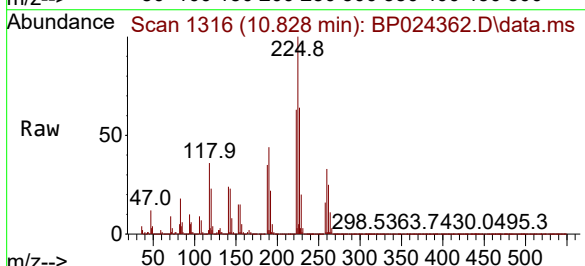
Tgt Ion:225 Resp: 368125

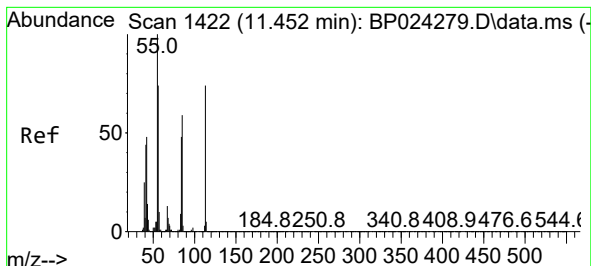
Ion Ratio Lower Upper

225 100

223 63.0 49.5 74.3

227 64.4 50.9 76.3

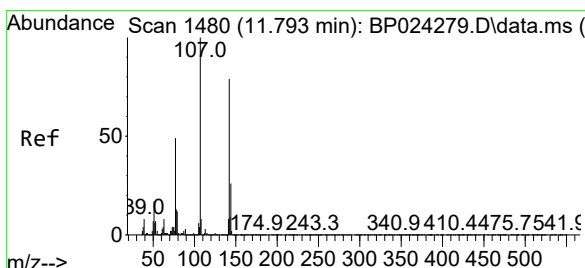
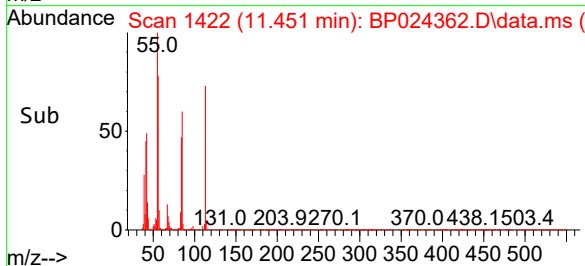
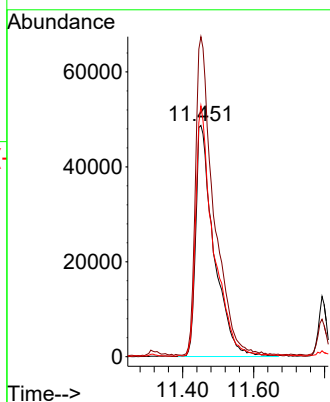
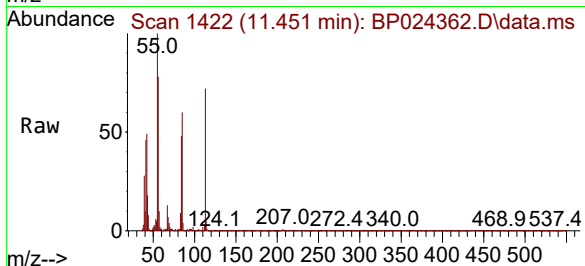




#35
 Caprolactam
 Concen: 36.211 ng
 RT: 11.451 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: BP024362.D
 Acq: 21 Apr 2025 14:56

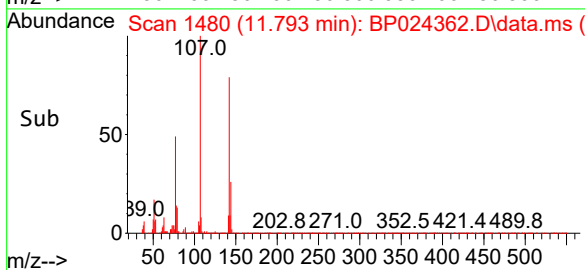
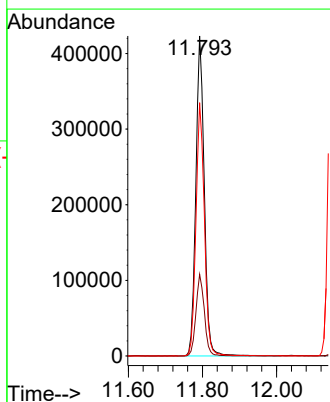
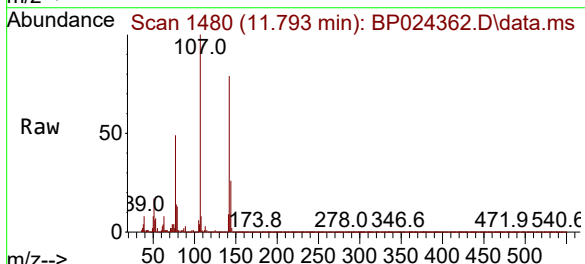
Instrument :
 BNA_P
 ClientSampleId :
 TP-9MS

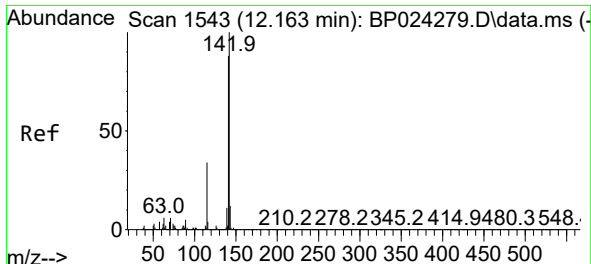
Tgt Ion:113 Resp: 173407
 Ion Ratio Lower Upper
 113 100
 55 138.4 115.9 155.9
 56 108.5 81.1 121.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.141 ng
 RT: 11.793 min Scan# 1480
 Delta R.T. -0.000 min
 Lab File: BP024362.D
 Acq: 21 Apr 2025 14:56

Tgt Ion:107 Resp: 667268
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 79.1 63.4 95.2

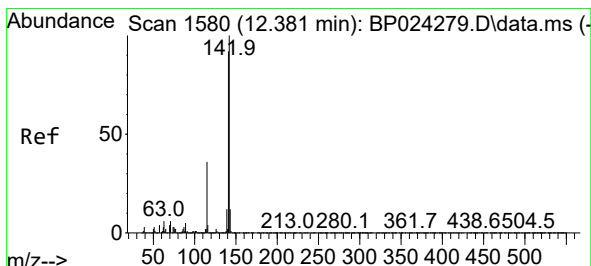
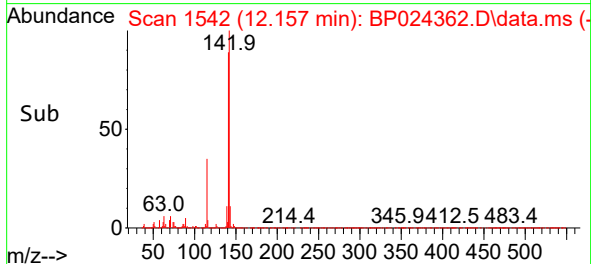
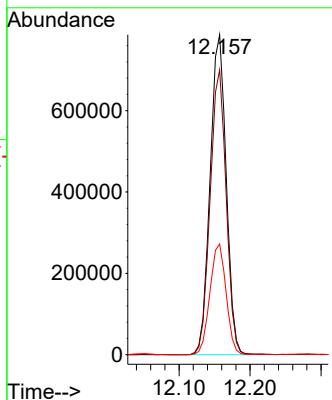
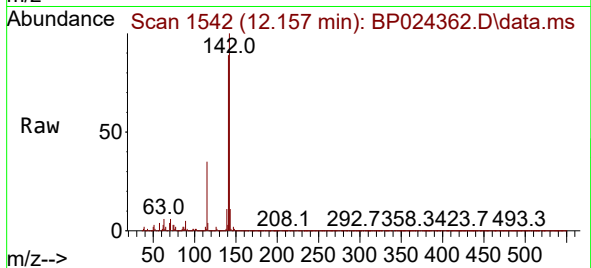




#37
2-Methylnaphthalene
Concen: 37.903 ng
RT: 12.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

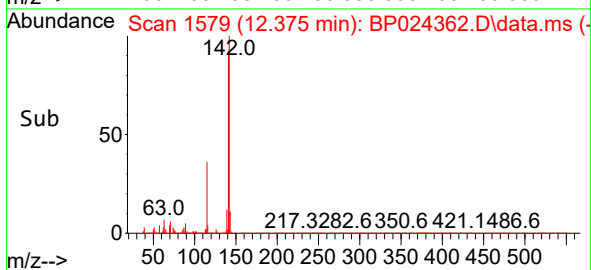
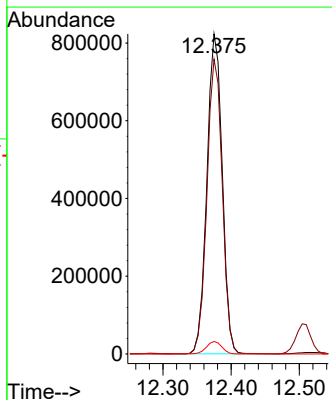
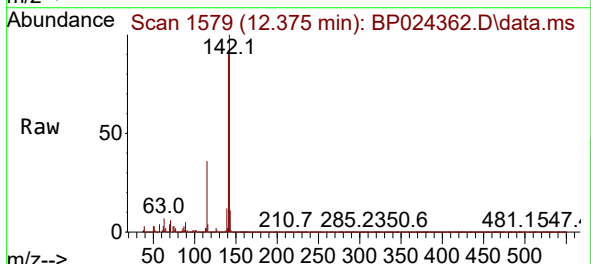
Instrument :
BNA_P
ClientSampleId :
TP-9MS

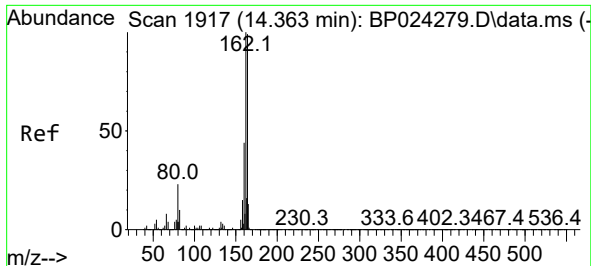
Tgt Ion:142 Resp: 1236354
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5
115 34.6 26.9 40.3



#38
1-Methylnaphthalene
Concen: 40.377 ng
RT: 12.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:142 Resp: 1288422
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4
116 3.9 3.0 4.6

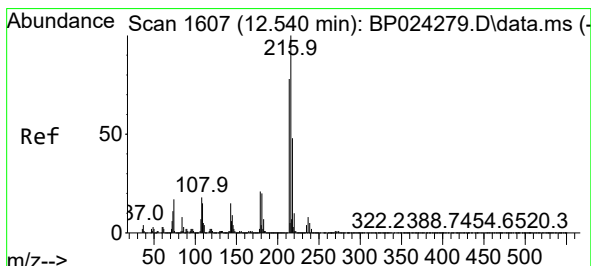
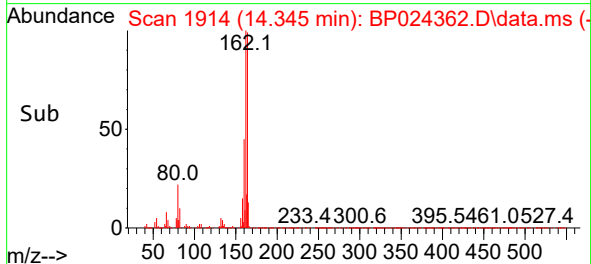
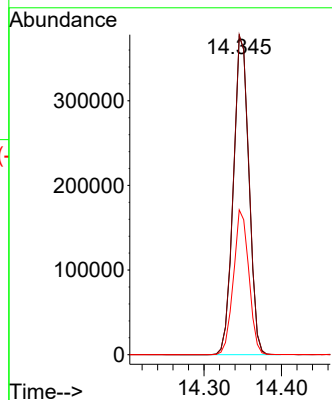
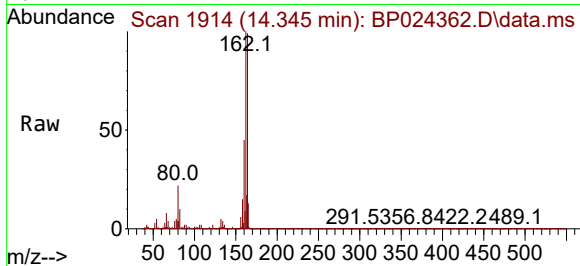




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

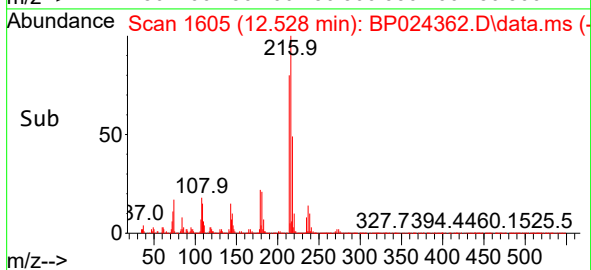
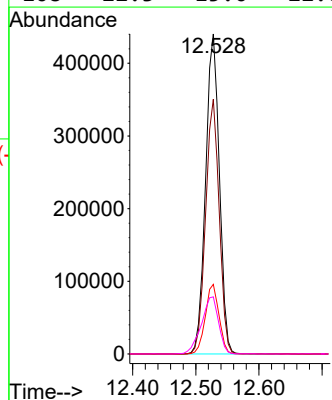
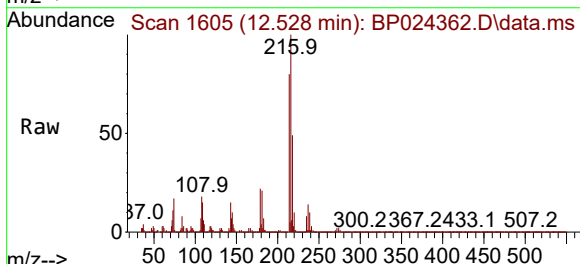
Instrument :
BNA_P
ClientSampleId :
TP-9MS

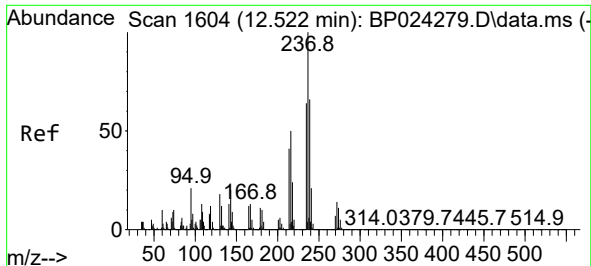
Tgt Ion:164 Resp: 525424
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 45.5 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.277 ng
RT: 12.528 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:216 Resp: 668661
Ion Ratio Lower Upper
216 100
214 78.6 62.6 93.8
179 21.6 17.2 25.8
108 22.3 15.0 22.6

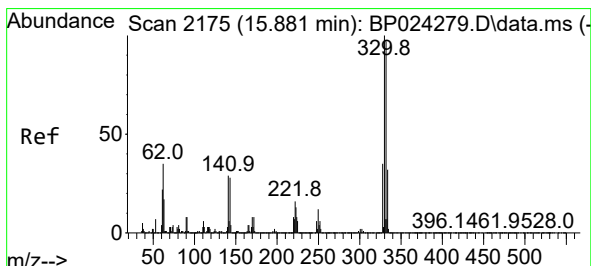
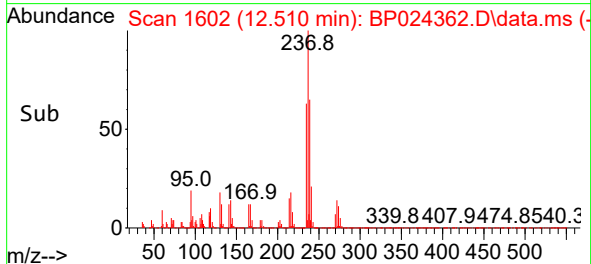
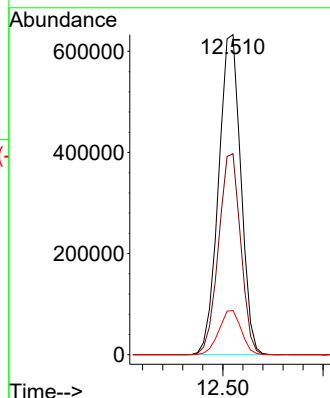
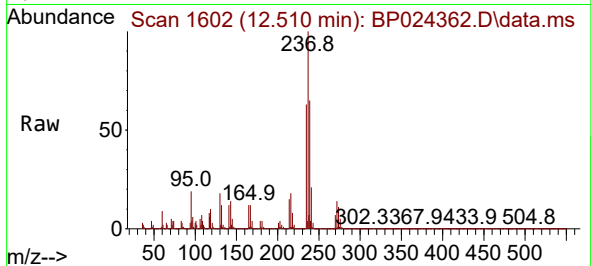




#41
Hexachlorocyclopentadiene
Concen: 190.645 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

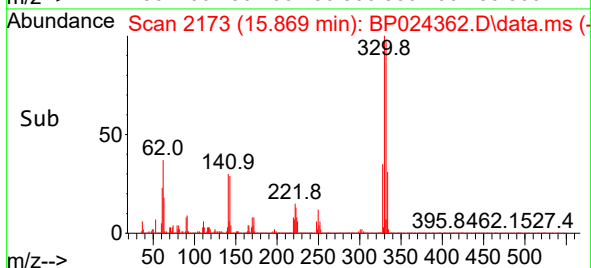
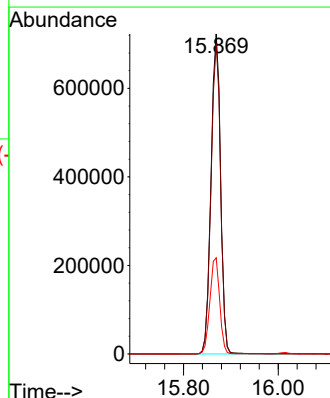
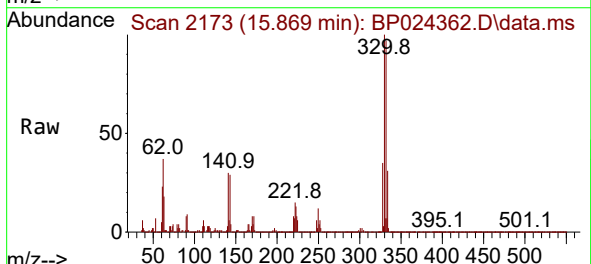
Instrument :
BNA_P
ClientSampleId :
TP-9MS

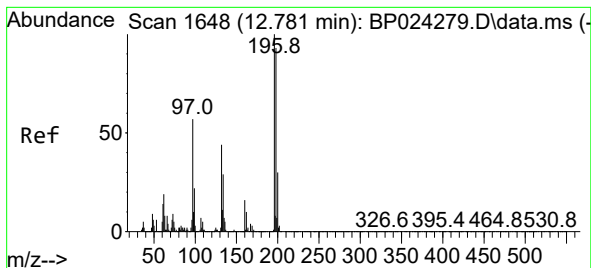
Tgt Ion:237 Resp: 974254
Ion Ratio Lower Upper
237 100
235 62.8 43.9 83.9
272 13.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 139.819 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:330 Resp: 1016418
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 30.6 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 49.716 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

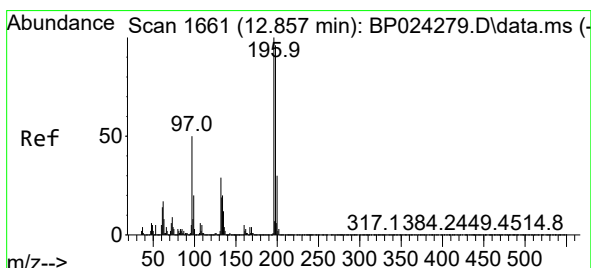
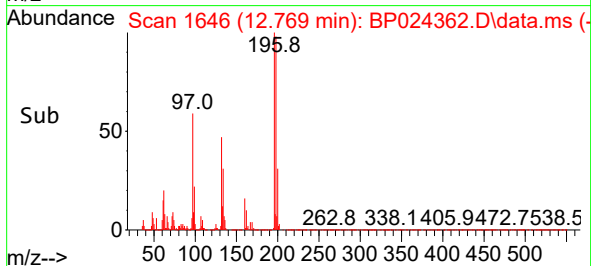
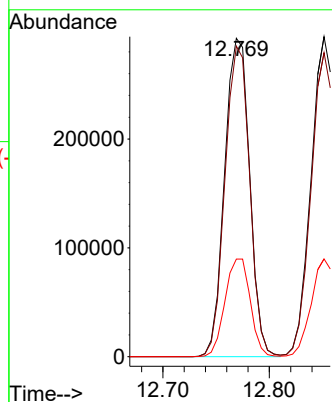
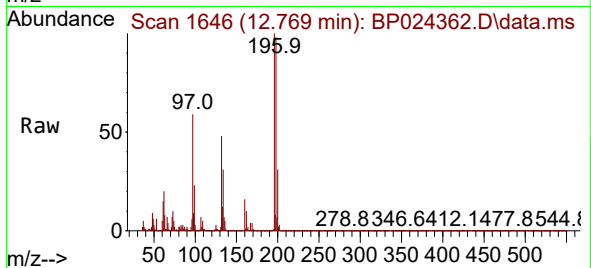
Tgt Ion:196 Resp: 477605

Ion Ratio Lower Upper

196 100

198 97.5 74.3 111.5

200 30.7 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 48.337 ng

RT: 12.851 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Tgt Ion:196 Resp: 514216

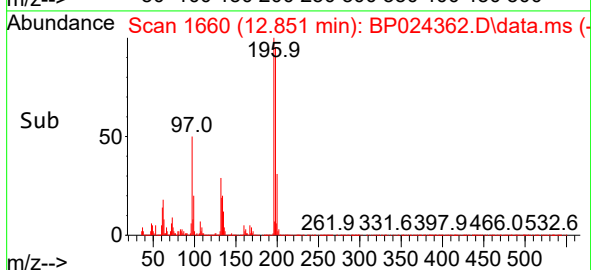
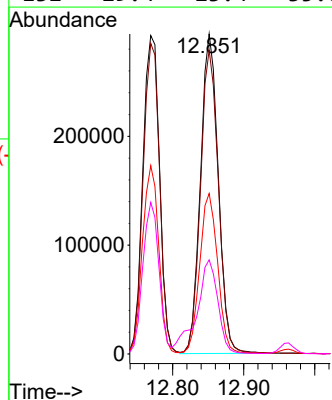
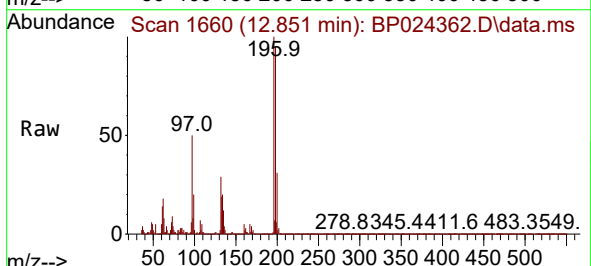
Ion Ratio Lower Upper

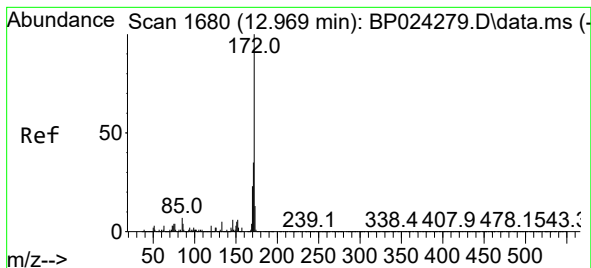
196 100

198 95.0 77.3 115.9

97 50.1 40.4 60.6

132 29.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 85.989 ng

RT: 12.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

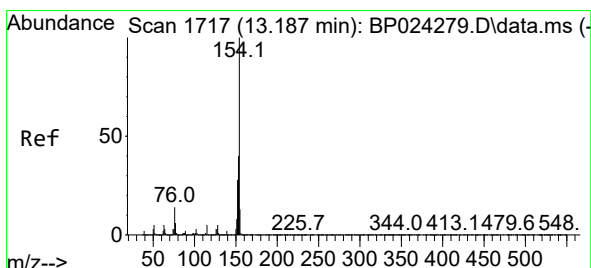
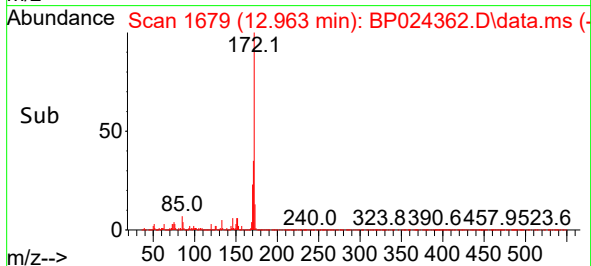
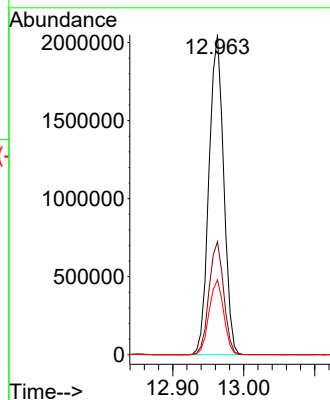
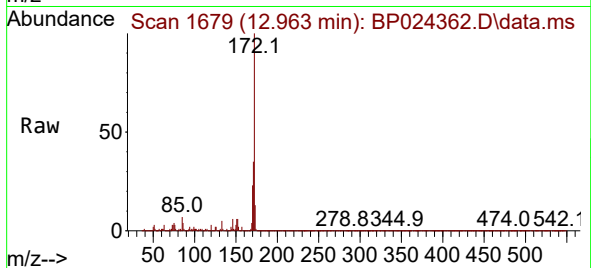
Tgt Ion:172 Resp: 2950834

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.937 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

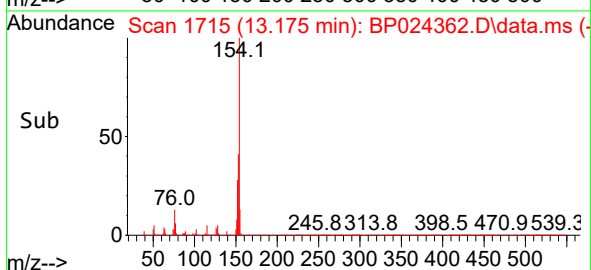
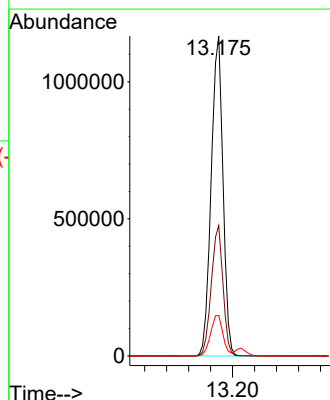
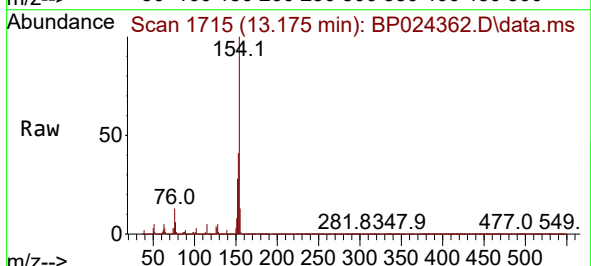
Tgt Ion:154 Resp: 1735520

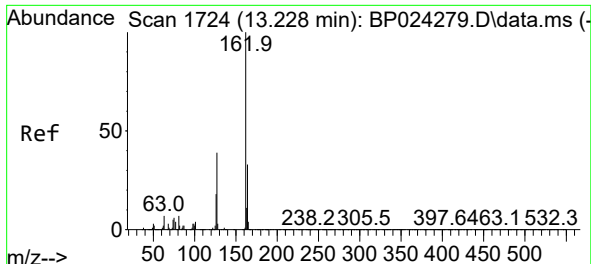
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 12.7 0.0 33.5

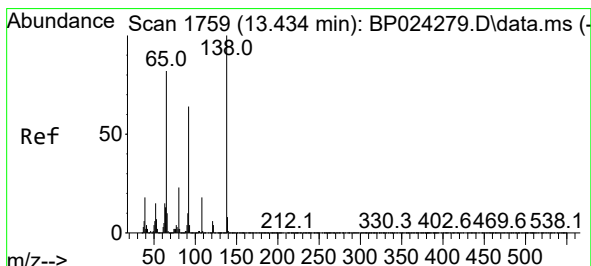
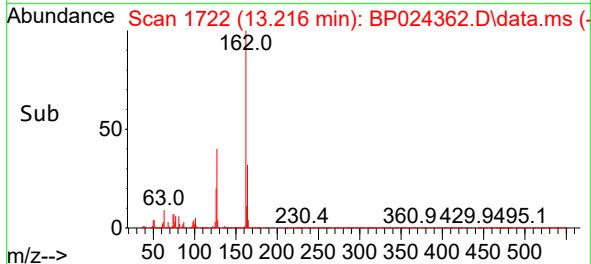
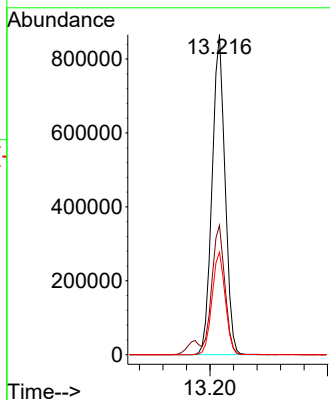
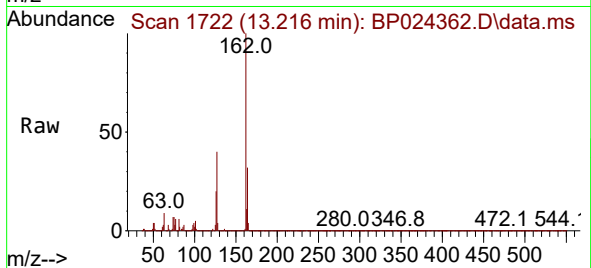




#47
2-Chloronaphthalene
Concen: 45.850 ng
RT: 13.216 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

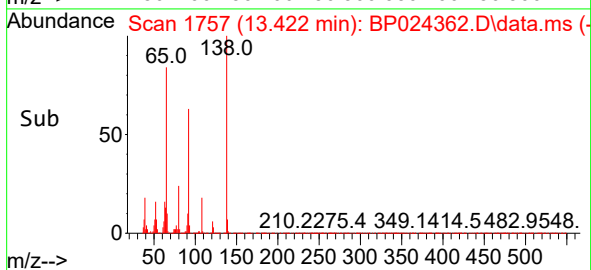
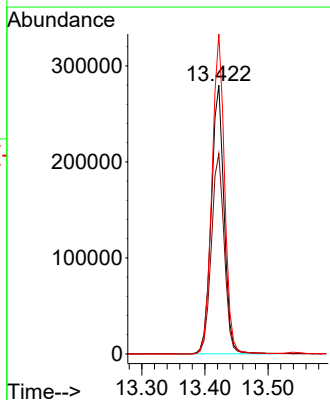
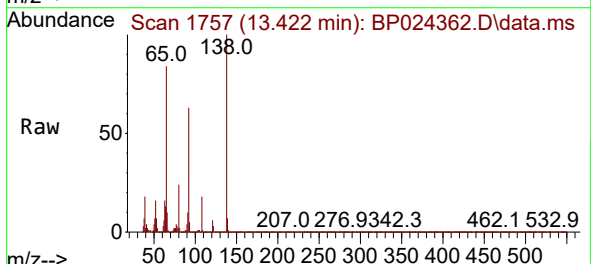
Instrument :
BNA_P
ClientSampleId :
TP-9MS

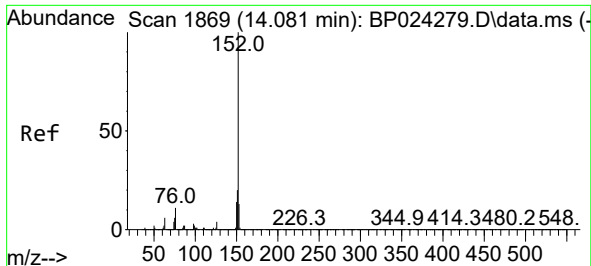
Tgt Ion:162 Resp: 1323460
Ion Ratio Lower Upper
162 100
127 40.5 31.9 47.9
164 32.1 26.2 39.4



#48
2-Nitroaniline
Concen: 48.623 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion: 65 Resp: 393690
Ion Ratio Lower Upper
65 100
92 74.6 62.3 93.5
138 119.1 97.2 145.8

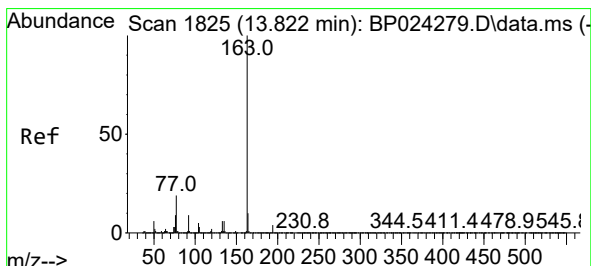
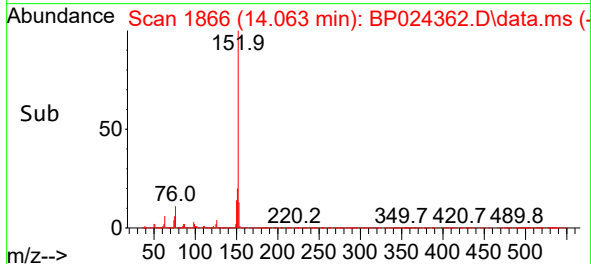
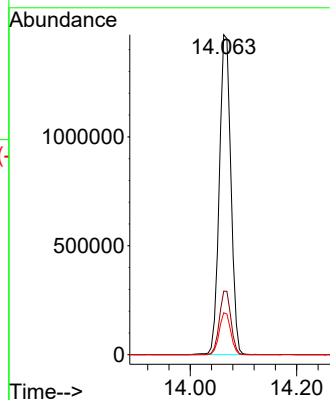
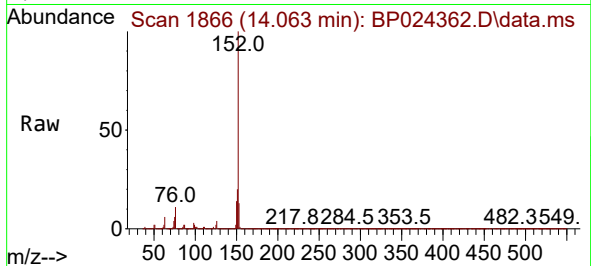




#49
Acenaphthylene
Concen: 48.513 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

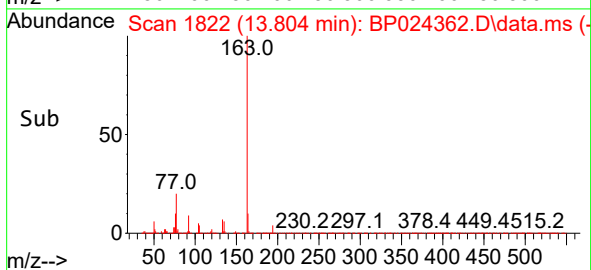
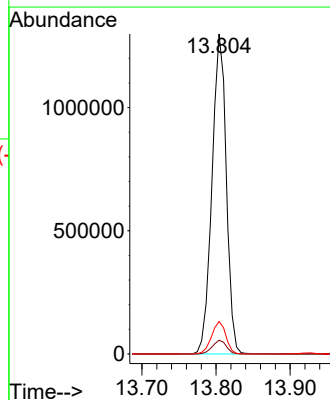
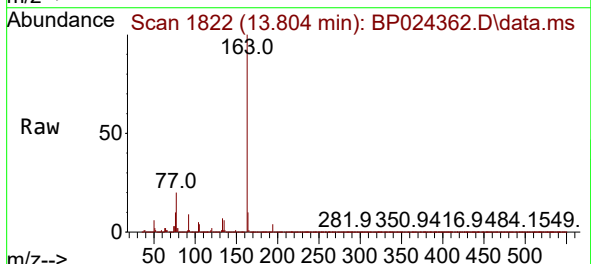
Instrument :
BNA_P
ClientSampleId :
TP-9MS

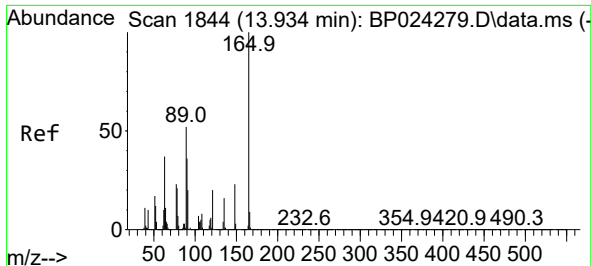
Tgt Ion:152 Resp: 2204718
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 45.518 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:163 Resp: 1739226
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.2 8.0 12.0

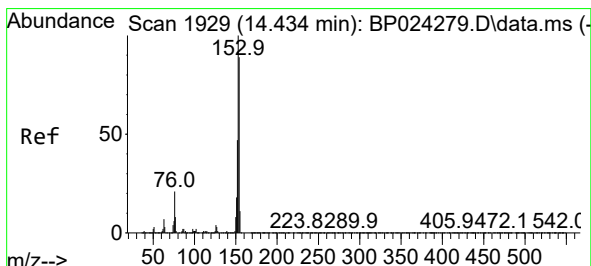
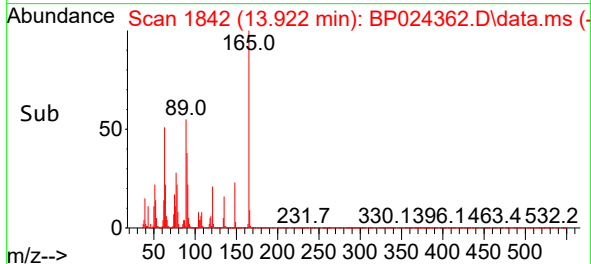
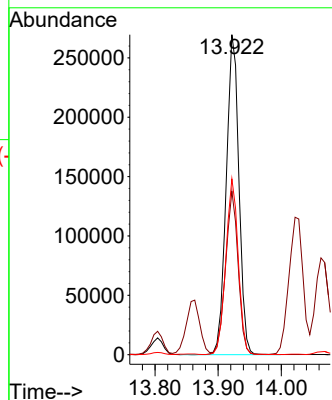
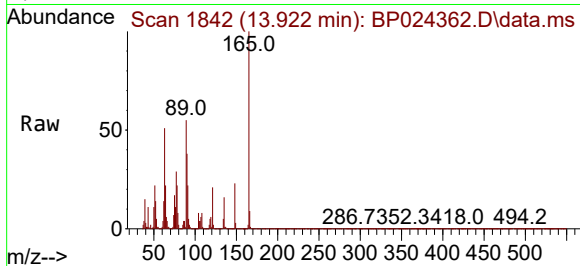




#51
2,6-Dinitrotoluene
Concen: 46.329 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

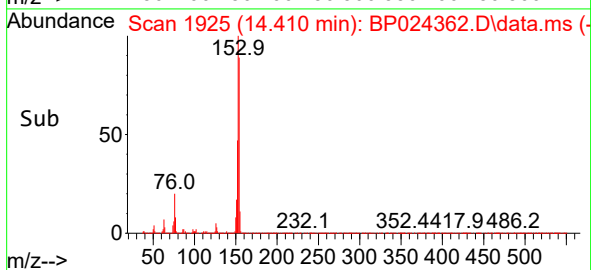
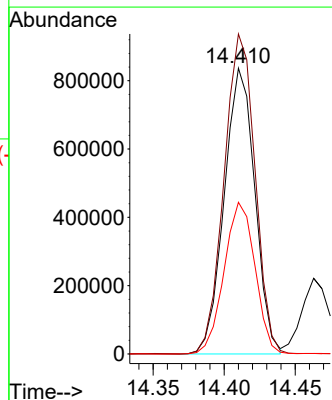
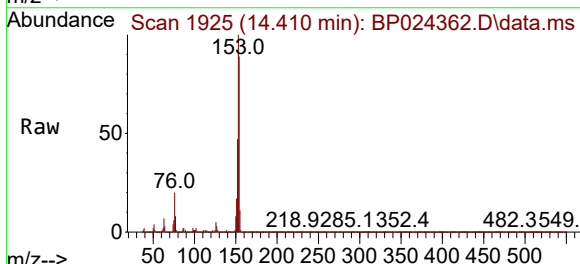
Instrument :
BNA_P
ClientSampleId :
TP-9MS

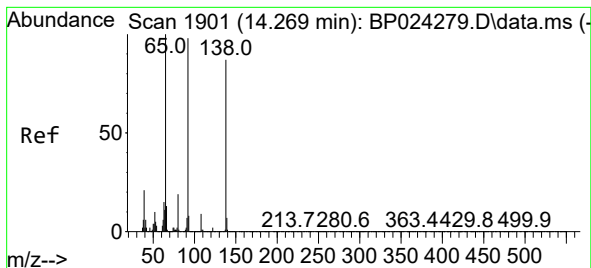
Tgt Ion:165 Resp: 375906
Ion Ratio Lower Upper
165 100
63 51.1 38.0 57.0
89 55.0 41.7 62.5



#52
Acenaphthene
Concen: 43.641 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:154 Resp: 1257352
Ion Ratio Lower Upper
154 100
153 112.0 89.8 134.6
152 53.1 42.6 63.8

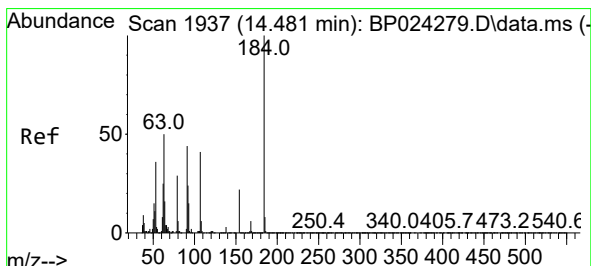
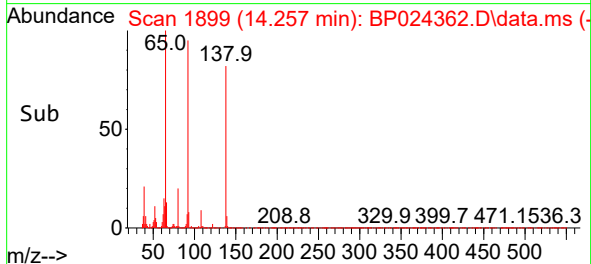
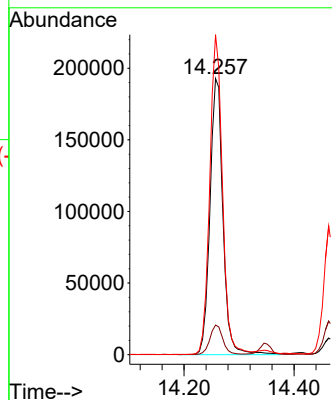
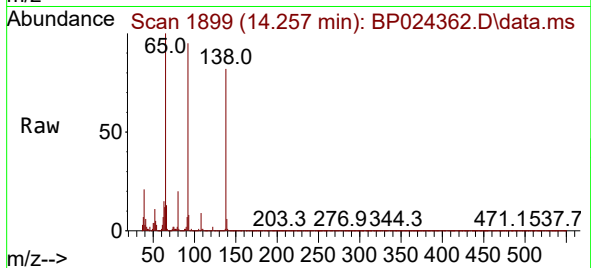




#53
3-Nitroaniline
Concen: 37.046 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

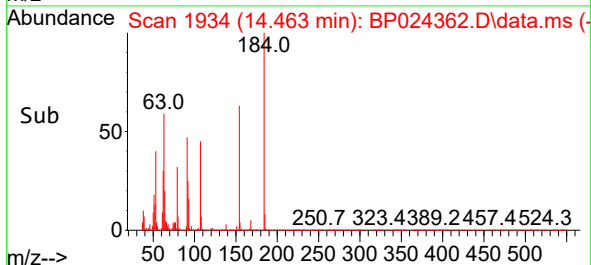
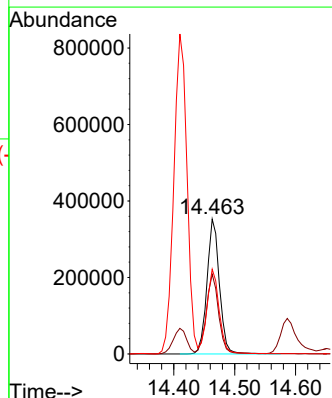
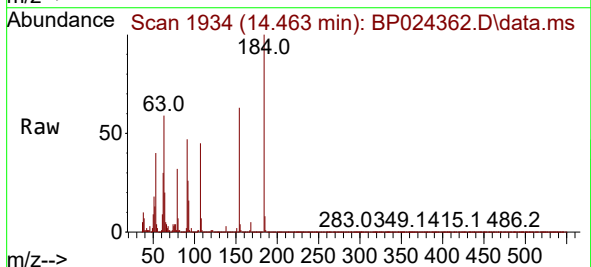
Instrument :
BNA_P
ClientSampleId :
TP-9MS

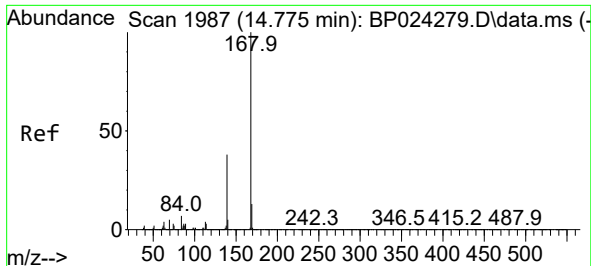
Tgt Ion:138 Resp: 315920
Ion Ratio Lower Upper
138 100
108 10.7 8.3 12.5
92 115.9 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 104.837 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:184 Resp: 501056
Ion Ratio Lower Upper
184 100
63 59.1 42.6 64.0
154 62.9 47.2 70.8

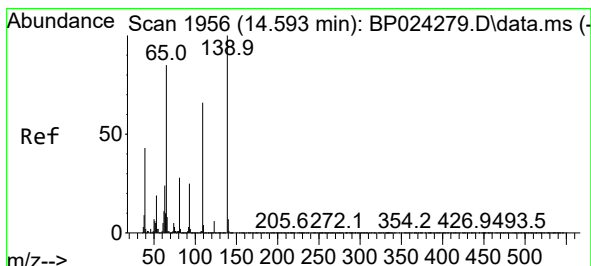
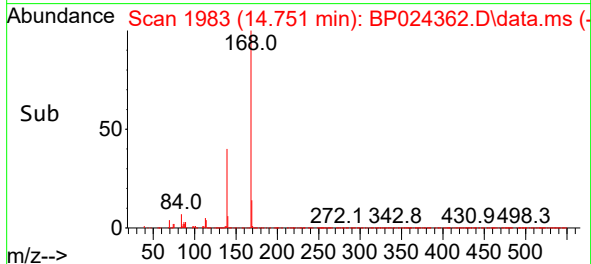
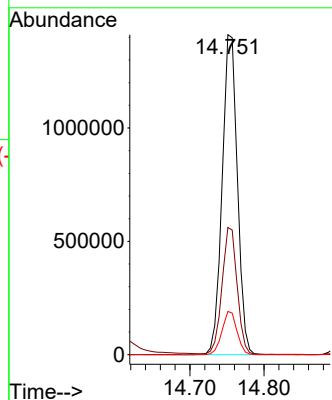
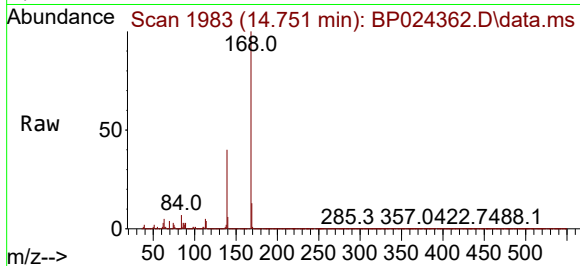




#55
Dibenzenofuran
Concen: 42.819 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

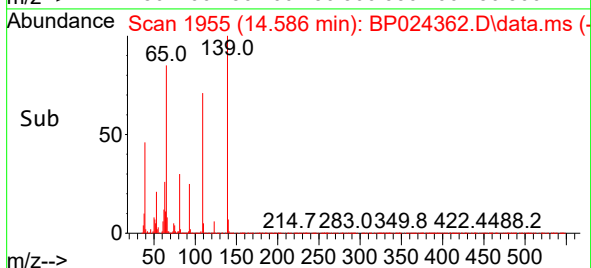
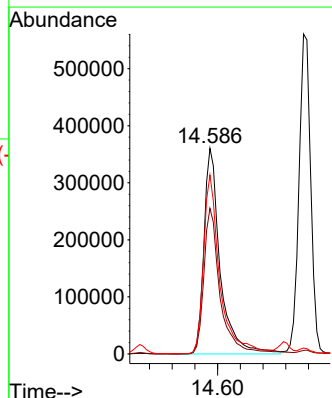
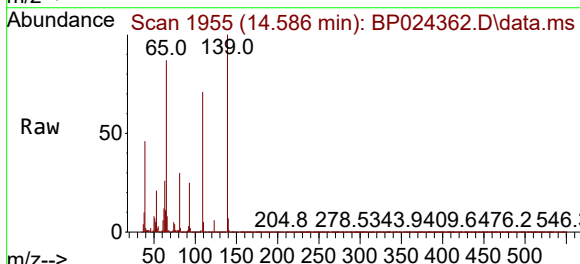
Instrument :
BNA_P
ClientSampleId :
TP-9MS

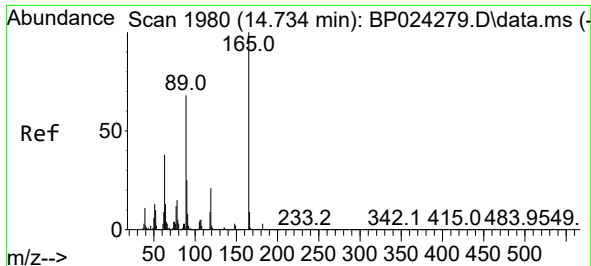
Tgt Ion:168 Resp: 2016544
Ion Ratio Lower Upper
168 100
139 39.7 30.3 45.5
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 97.189 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:139 Resp: 715792
Ion Ratio Lower Upper
139 100
109 70.8 46.1 86.1
65 87.0 65.0 105.0

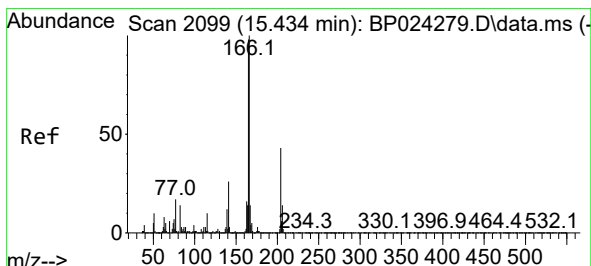
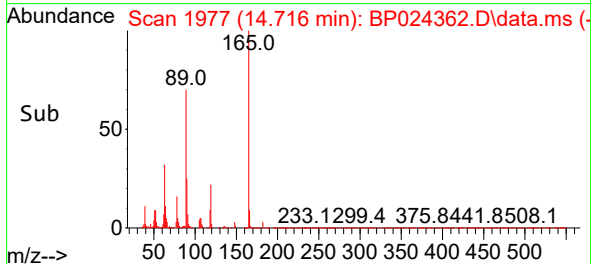
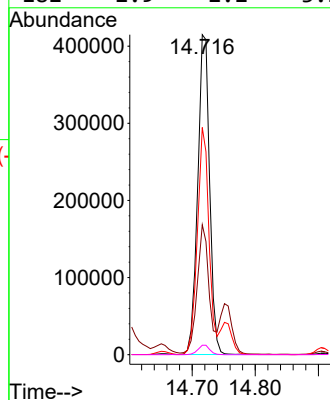
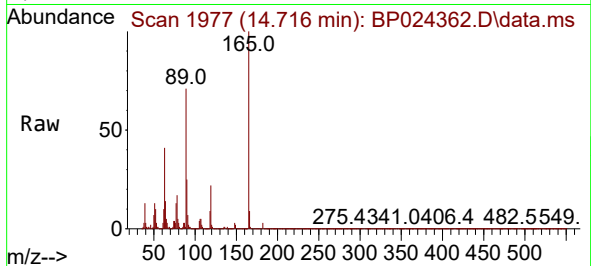




#57
2,4-Dinitrotoluene
Concen: 49.047 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

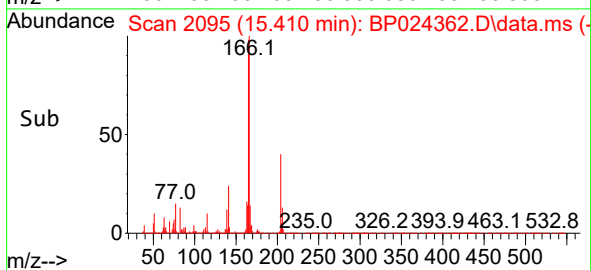
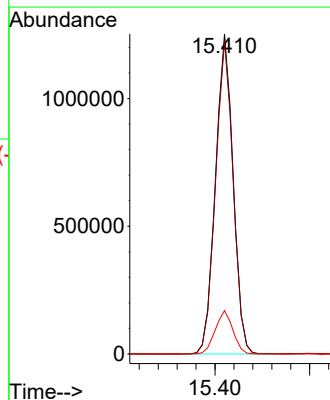
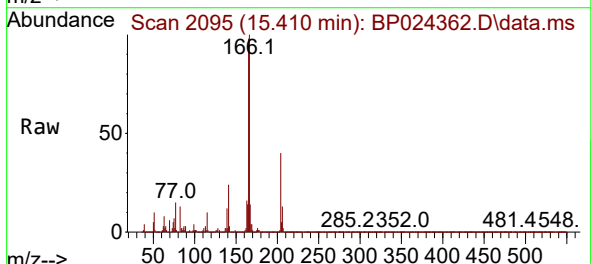
Instrument :
BNA_P
ClientSampleId :
TP-9MS

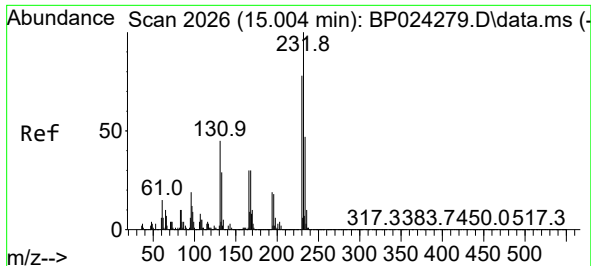
Tgt Ion:165 Resp: 542856
Ion Ratio Lower Upper
165 100
63 40.6 30.4 45.6
89 71.0 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 44.624 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:166 Resp: 1626856
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.475 ng

RT: 14.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

Tgt Ion:232 Resp: 455997

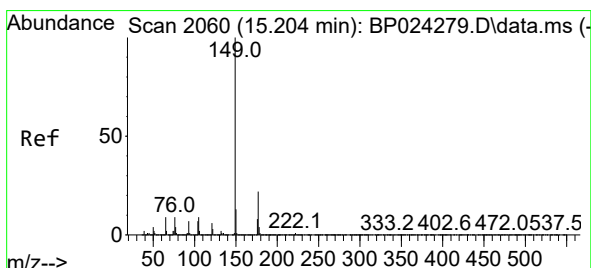
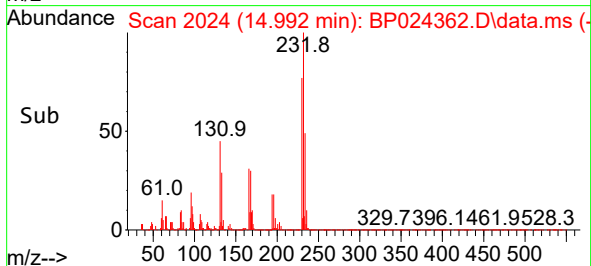
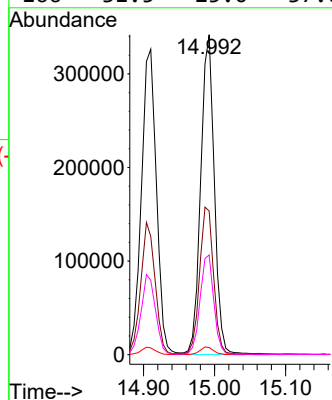
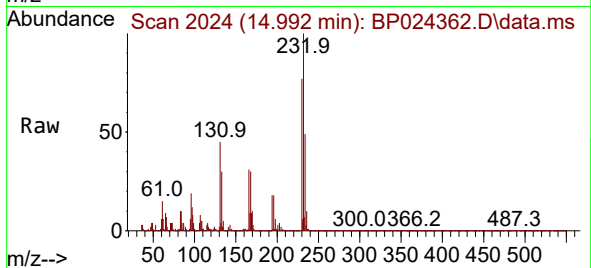
Ion Ratio Lower Upper

232 100

131 47.5 36.8 55.2

130 2.4 1.9 2.9

166 31.5 25.0 37.6



#60

Diethylphthalate

Concen: 44.595 ng

RT: 15.186 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

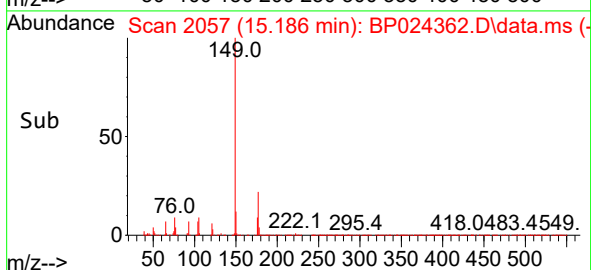
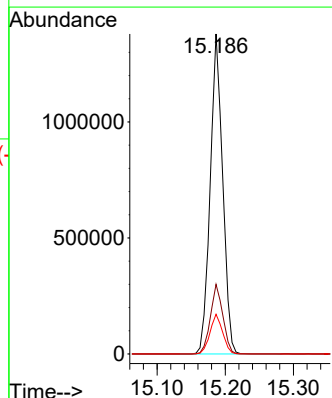
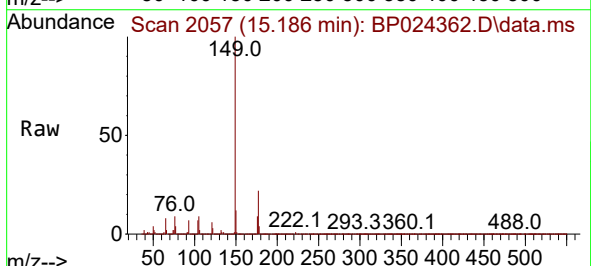
Tgt Ion:149 Resp: 1755973

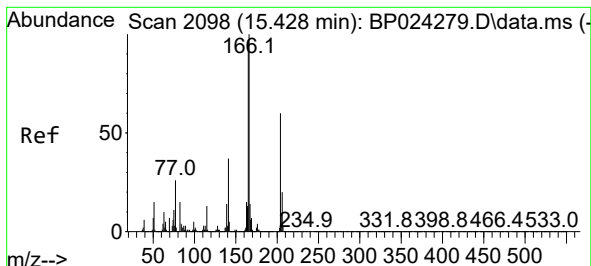
Ion Ratio Lower Upper

149 100

177 21.8 17.4 26.2

150 12.4 10.1 15.1

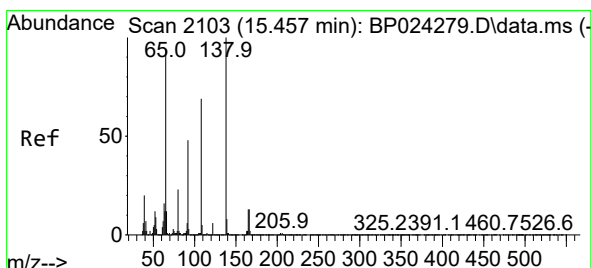
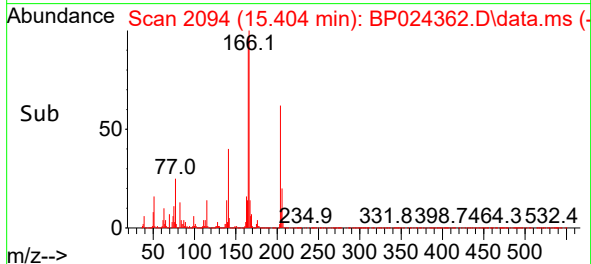
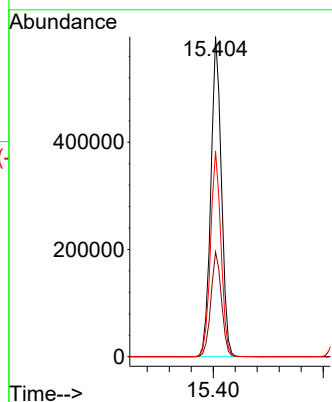
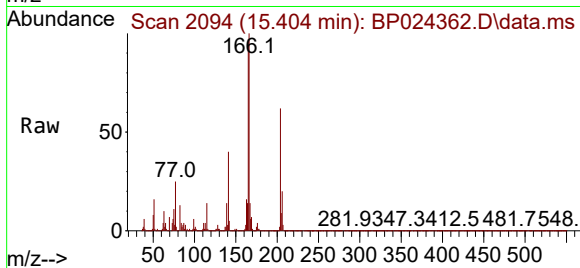




#61
4-Chlorophenyl-phenylether
Concen: 44.716 ng
RT: 15.404 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

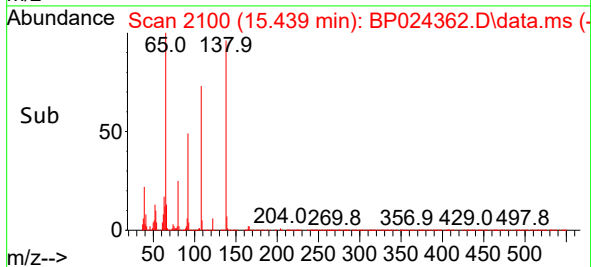
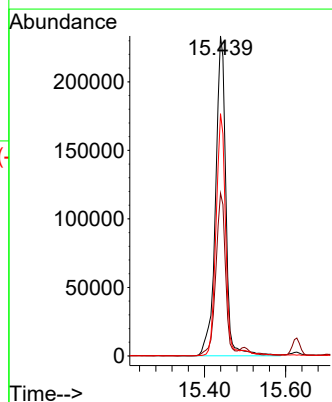
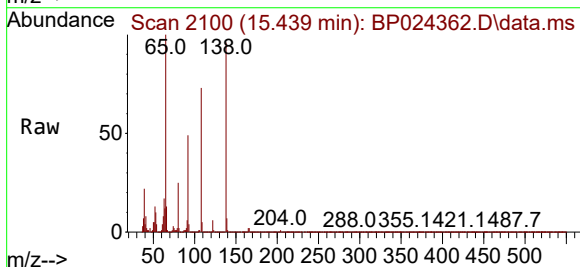
Instrument :
BNA_P
ClientSampleId :
TP-9MS

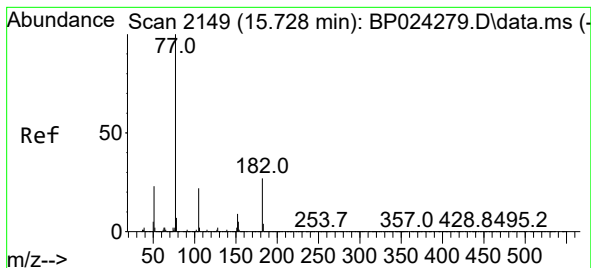
Tgt Ion:204 Resp: 791641
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 64.2 49.4 74.0



#62
4-Nitroaniline
Concen: 45.628 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:138 Resp: 411907
Ion Ratio Lower Upper
138 100
92 50.9 27.8 67.8
108 75.7 48.9 88.9





#63

Azobenzene

Concen: 43.306 ng

RT: 15.704 min Scan# 2149

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

Tgt Ion: 77 Resp: 1567301

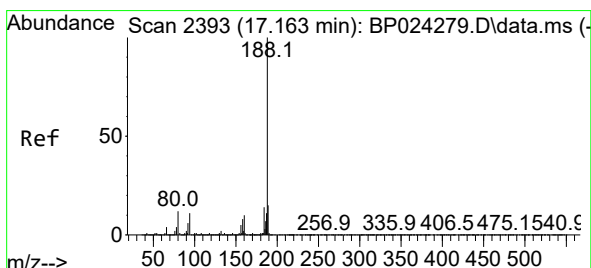
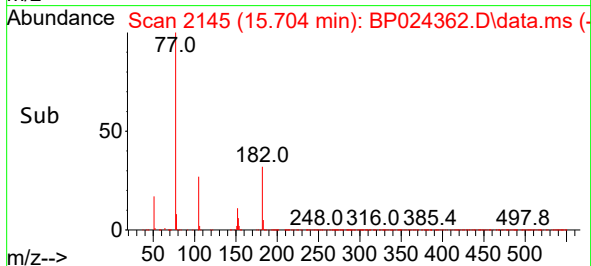
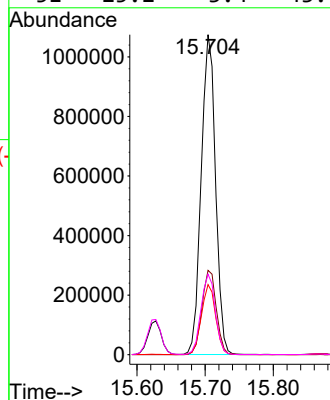
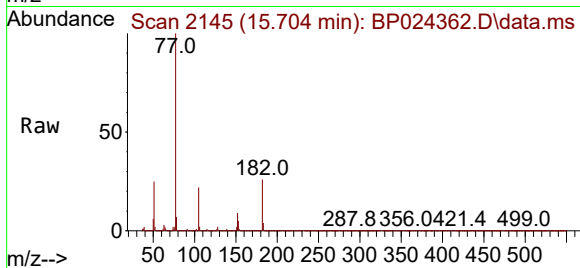
Ion Ratio Lower Upper

77 100

182 26.3 7.3 47.3

105 21.9 2.3 42.3

51 25.2 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: BP024362.D

Acq: 21 Apr 2025 14:56

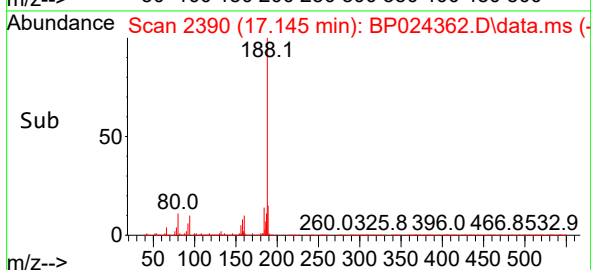
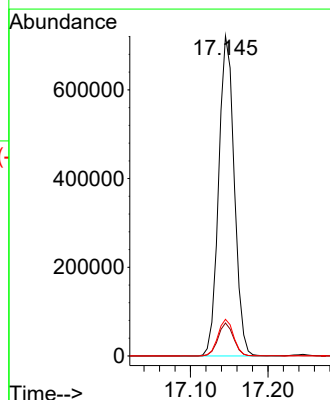
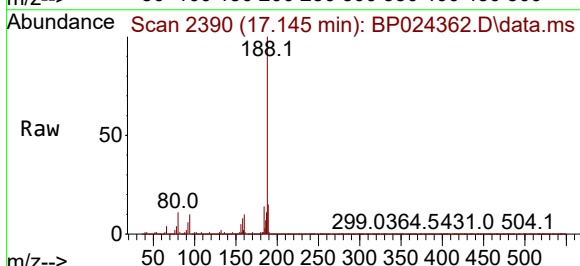
Tgt Ion:188 Resp: 1011646

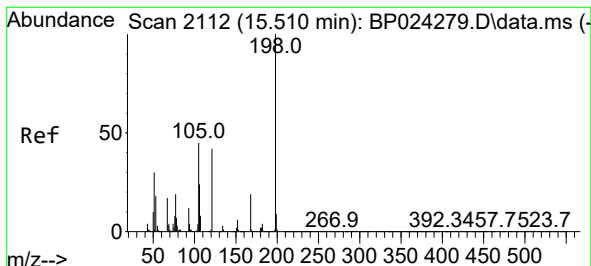
Ion Ratio Lower Upper

188 100

94 10.3 8.6 13.0

80 11.5 9.8 14.6

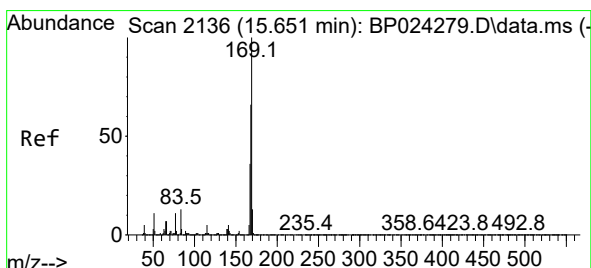
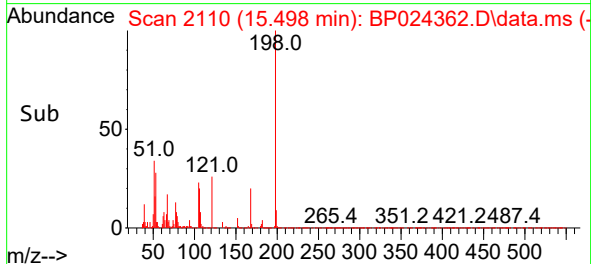
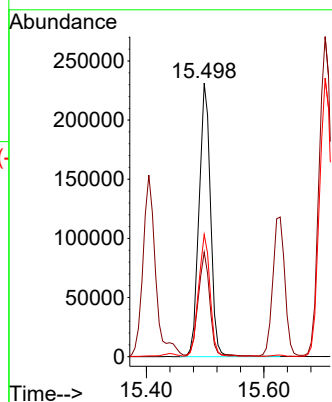
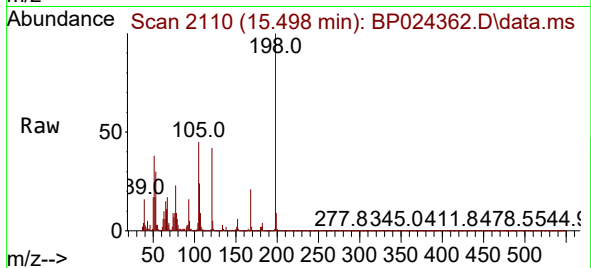




#65
4,6-Dinitro-2-methylphenol
Concen: 49.217 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

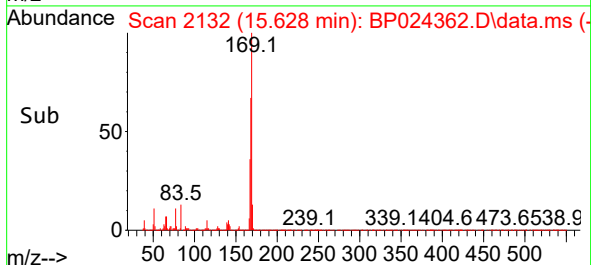
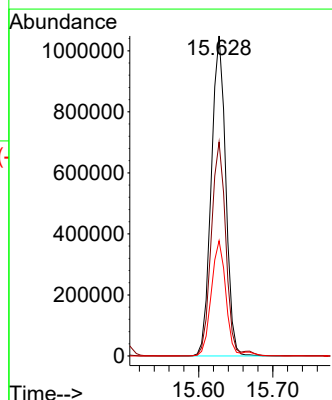
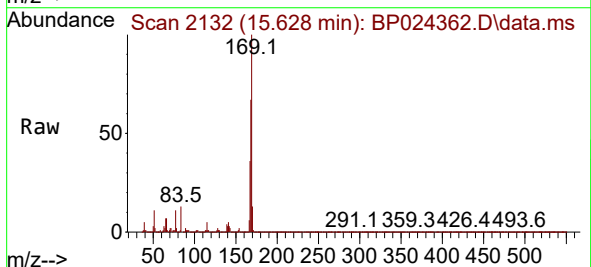
Instrument :
BNA_P
ClientSampleId :
TP-9MS

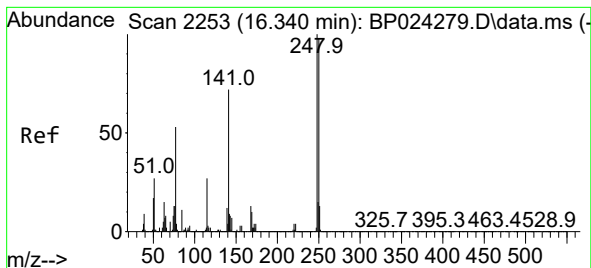
Tgt Ion:198 Resp: 313907
Ion Ratio Lower Upper
198 100
51 38.2 18.4 58.4
105 44.7 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 46.981 ng
RT: 15.628 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:169 Resp: 1418602
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.4
167 36.0 28.9 43.3

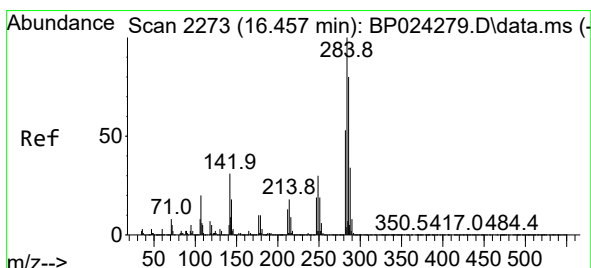
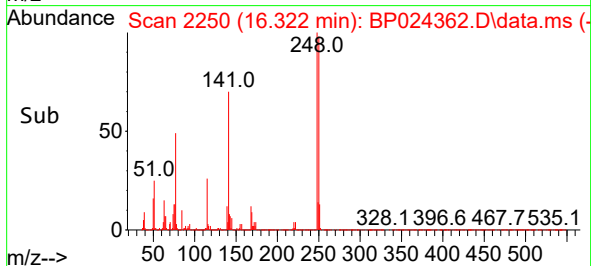
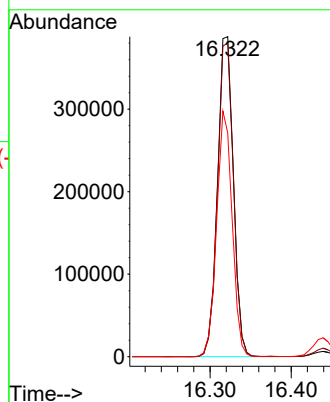
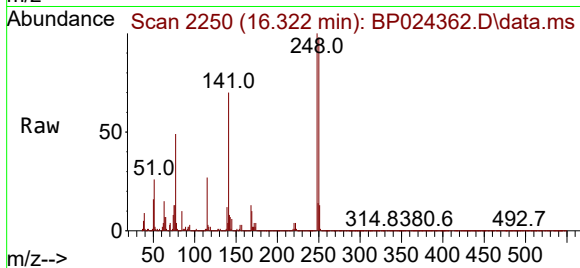




#67
4-Bromophenyl-phenylether
Concen: 47.920 ng
RT: 16.322 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

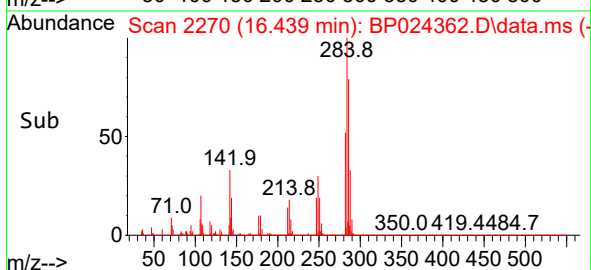
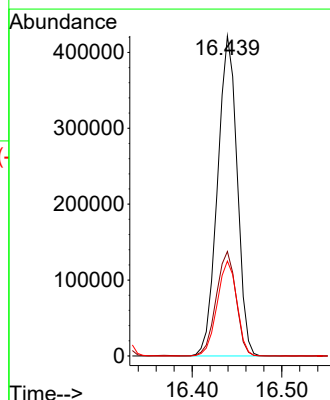
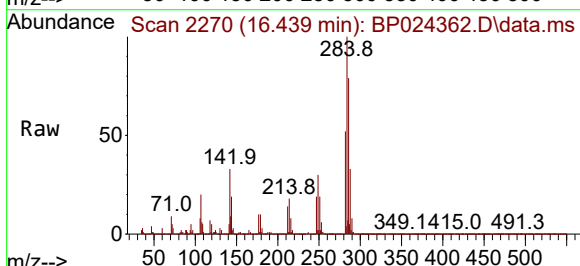
Instrument :
BNA_P
ClientSampleId :
TP-9MS

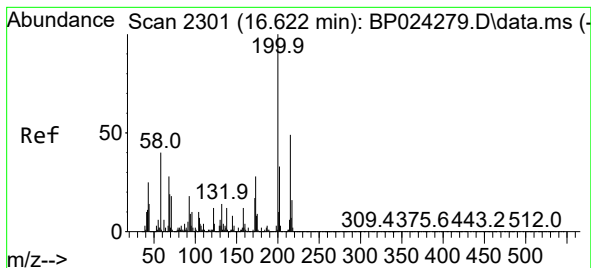
Tgt Ion:248 Resp: 530200
Ion Ratio Lower Upper
248 100
250 98.0 78.2 117.4
141 69.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 48.621 ng
RT: 16.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:284 Resp: 639238
Ion Ratio Lower Upper
284 100
142 32.6 24.6 37.0
249 29.7 23.8 35.6





#69

Atrazine

Concen: 64.343 ng

RT: 16.610 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

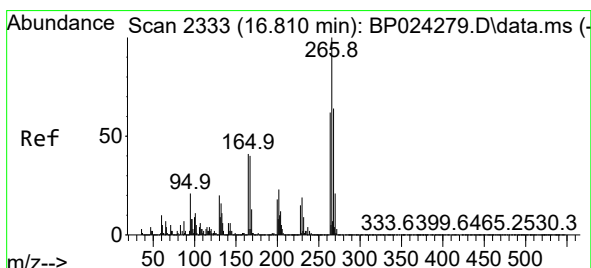
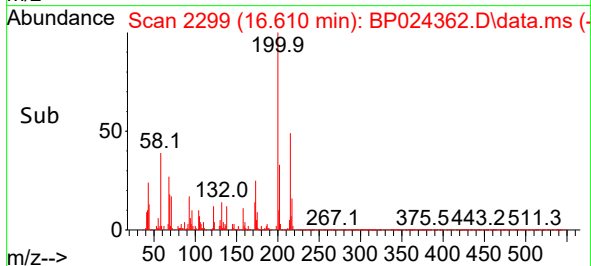
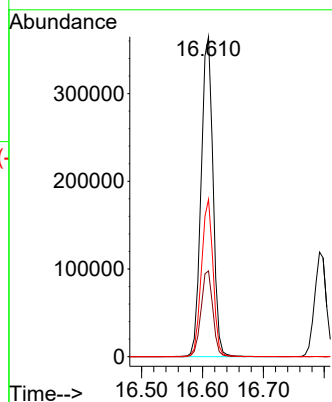
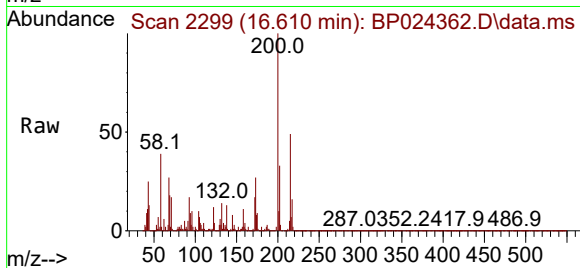
Tgt Ion:200 Resp: 494825

Ion Ratio Lower Upper

200 100

173 26.8 7.5 47.5

215 49.1 28.8 68.8



#70

Pentachlorophenol

Concen: 98.563 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

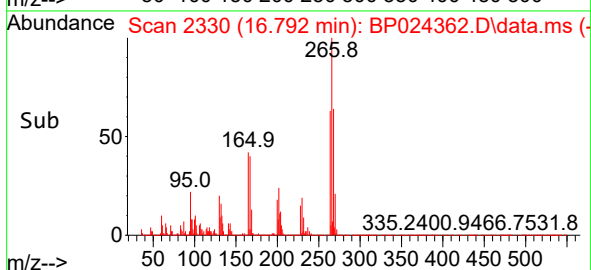
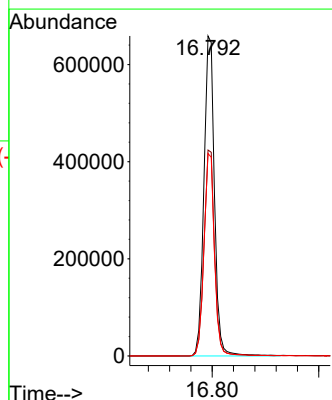
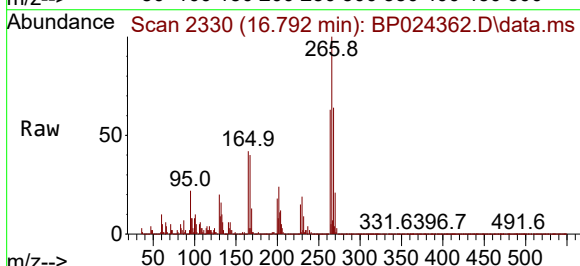
Tgt Ion:266 Resp: 904013

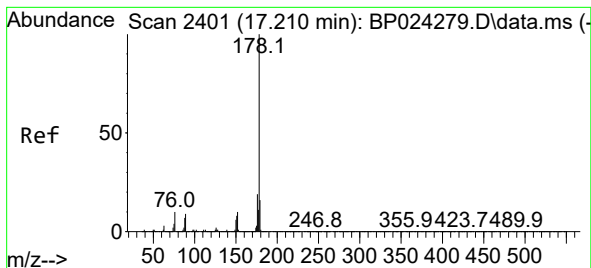
Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.6

264 63.3 49.8 74.6





#71

Phenanthrene

Concen: 46.134 ng

RT: 17.192 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

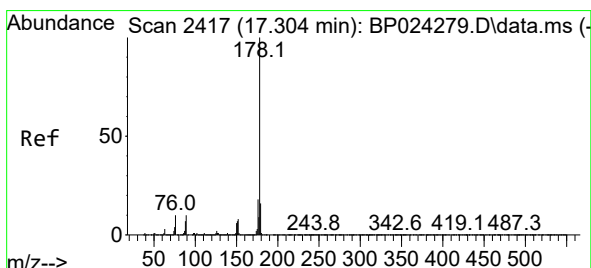
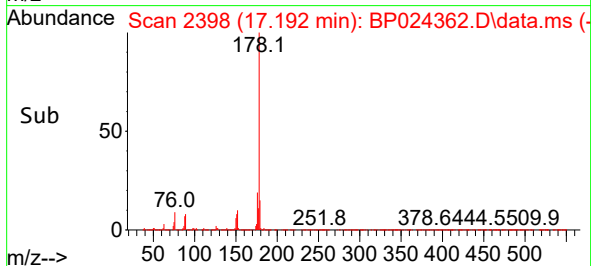
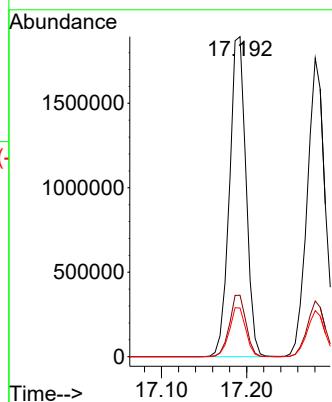
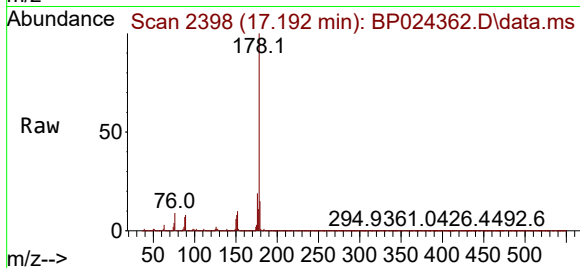
Tgt Ion:178 Resp: 2546028

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.2 12.5 18.7



#72

Anthracene

Concen: 48.435 ng

RT: 17.280 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

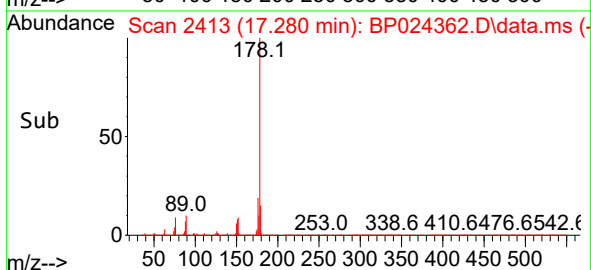
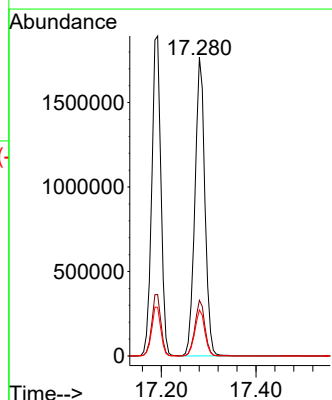
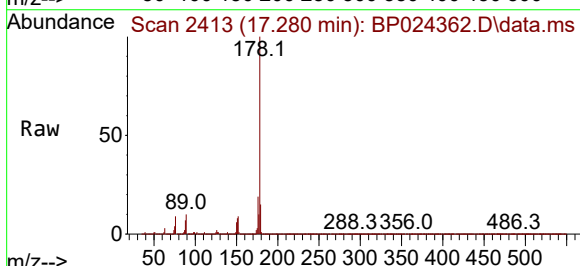
Tgt Ion:178 Resp: 2576242

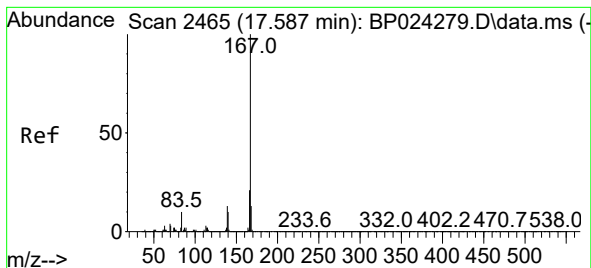
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.4 12.4 18.6





#73

Carbazole

Concen: 47.119 ng

RT: 17.563 min Scan# 2461

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

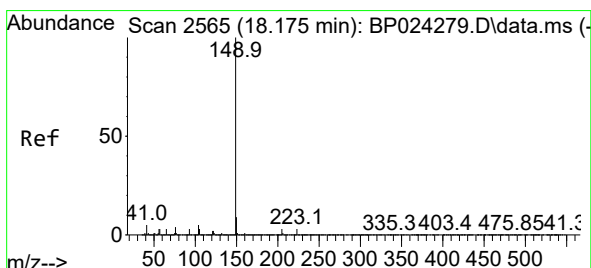
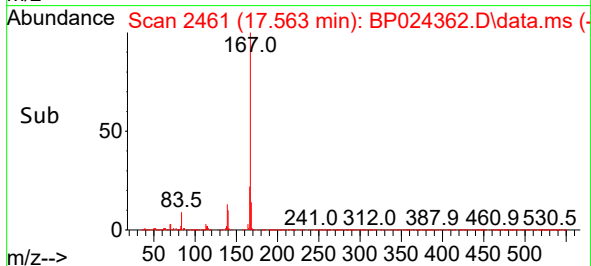
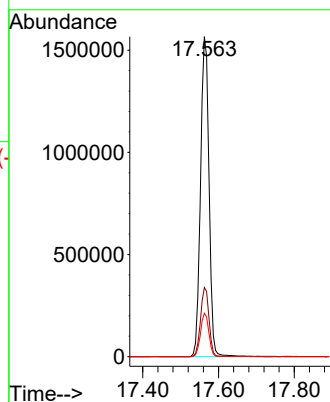
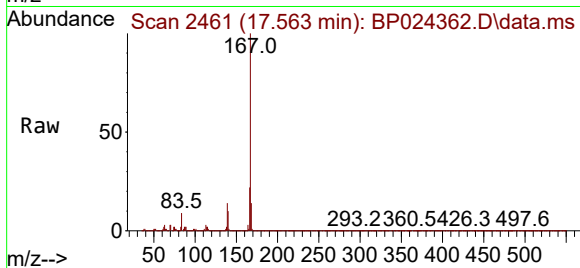
Tgt Ion:167 Resp: 2448812

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 13.6 10.6 16.0



#74

Di-n-butylphthalate

Concen: 47.937 ng

RT: 18.157 min Scan# 2562

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

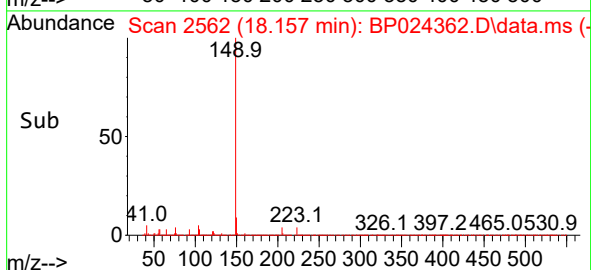
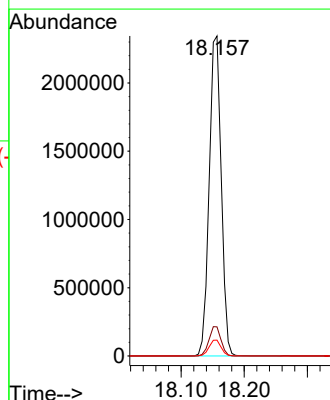
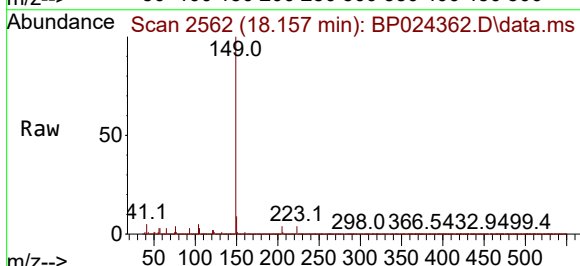
Tgt Ion:149 Resp: 3103867

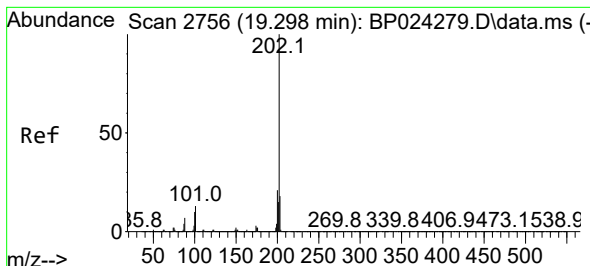
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 45.693 ng

RT: 19.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

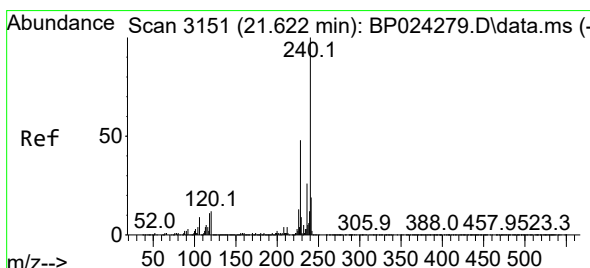
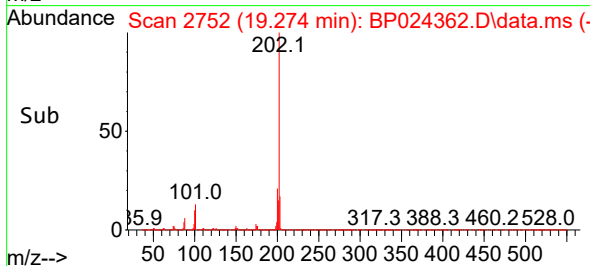
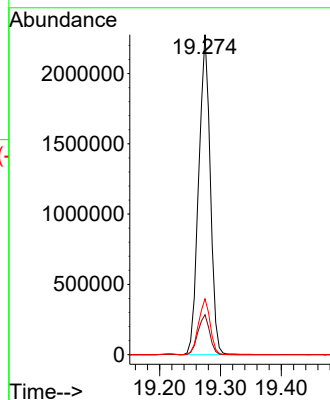
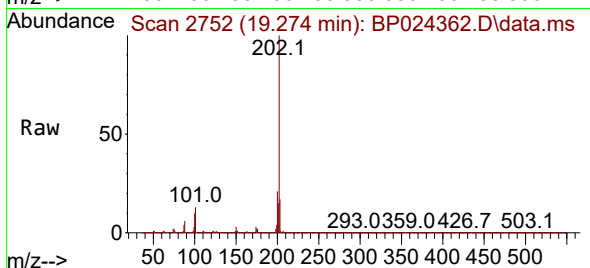
Tgt Ion:202 Resp: 2999132

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

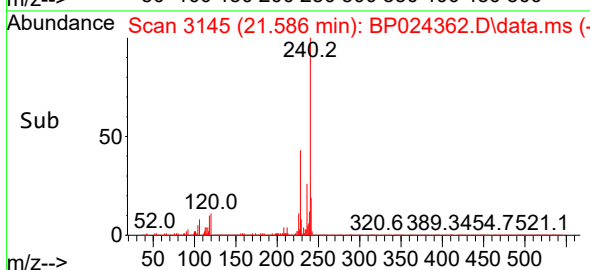
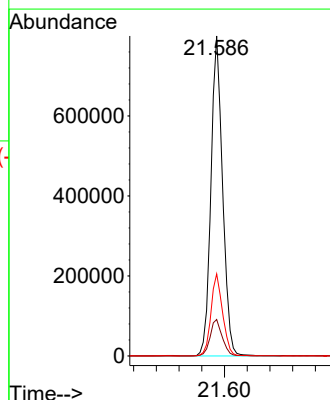
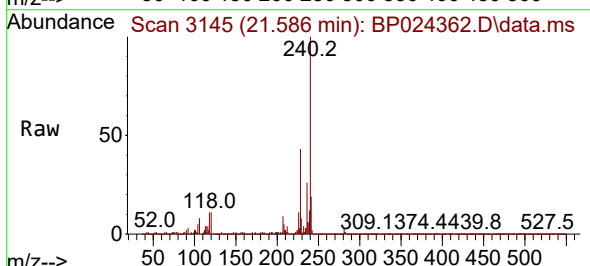
Tgt Ion:240 Resp: 1134085

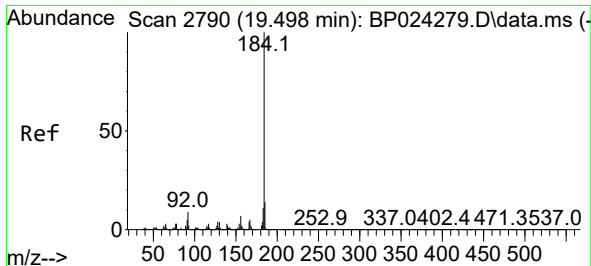
Ion Ratio Lower Upper

240 100

120 11.4 9.8 14.8

236 25.6 20.9 31.3

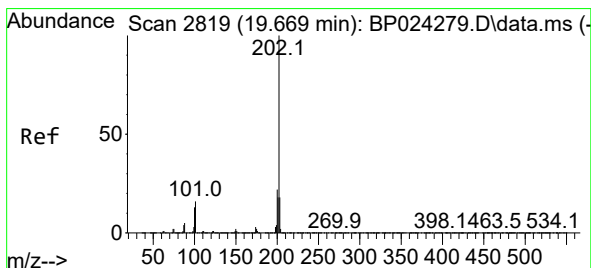
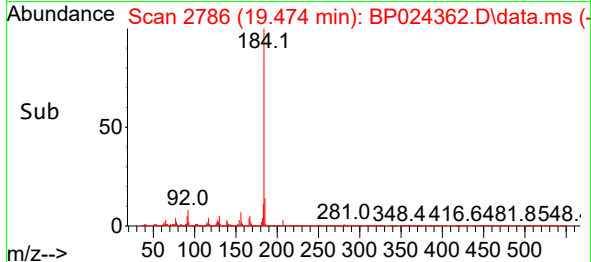
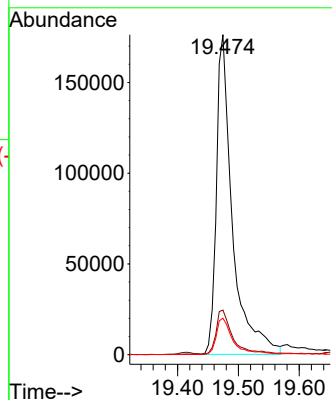
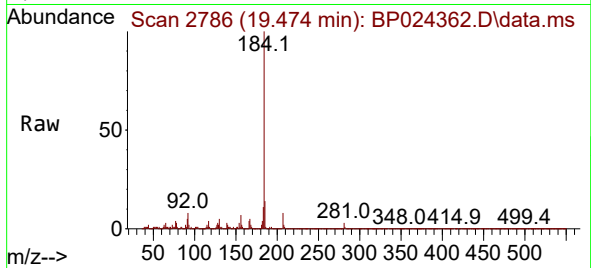




#77
Benzidine
Concen: 22.398 ng
RT: 19.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

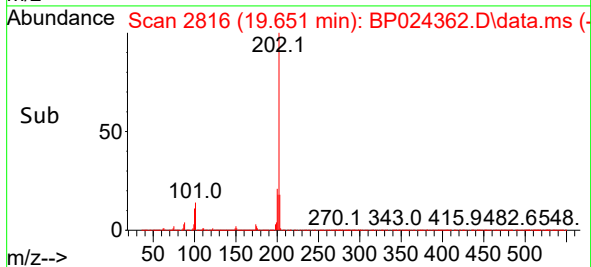
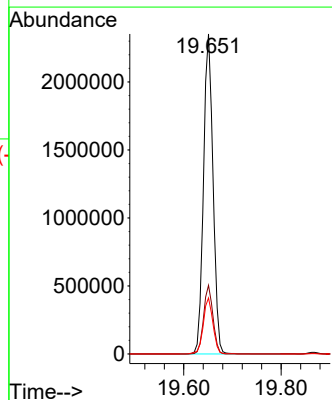
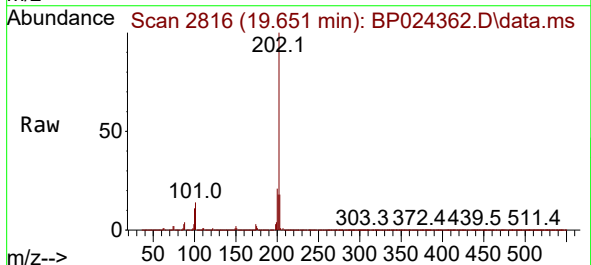
Instrument :
BNA_P
ClientSampleId :
TP-9MS

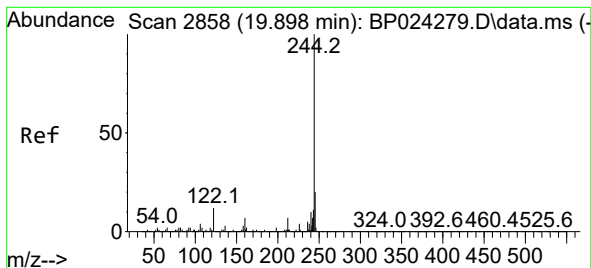
Tgt Ion:184 Resp: 321984
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 11.4 9.2 13.8



#78
Pyrene
Concen: 44.222 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:202 Resp: 3187190
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 87.013 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

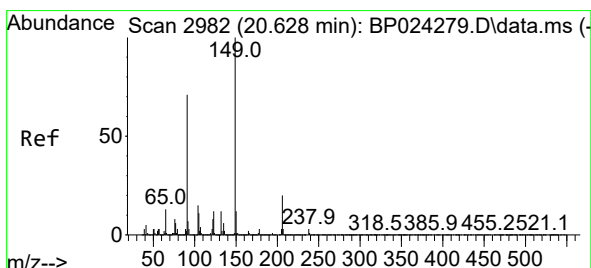
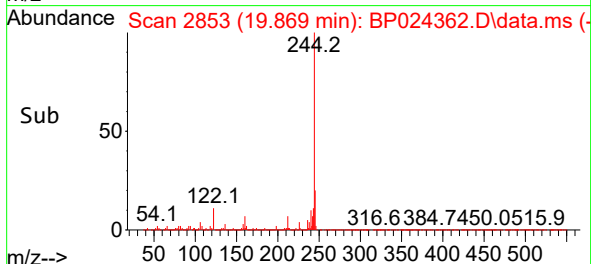
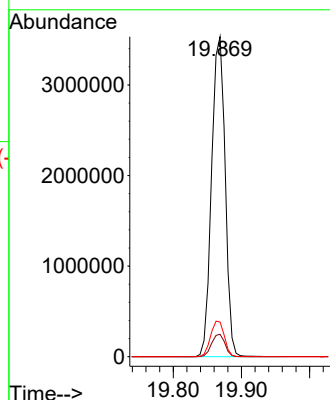
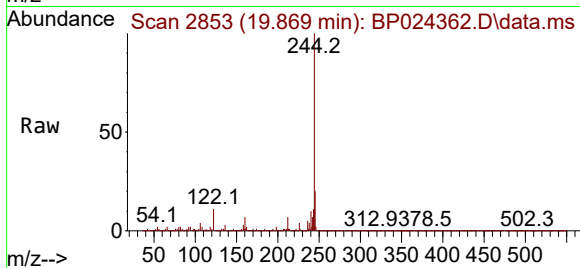
Tgt Ion:244 Resp: 4895751

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.9 9.4 14.0



#80

Butylbenzylphthalate

Concen: 48.231 ng

RT: 20.598 min Scan# 2977

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

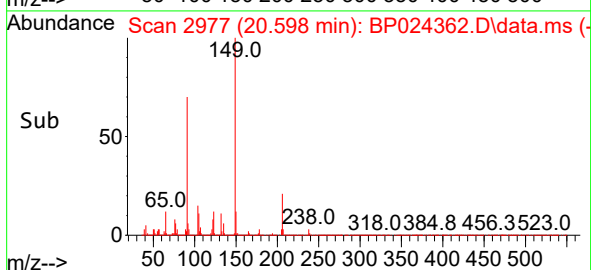
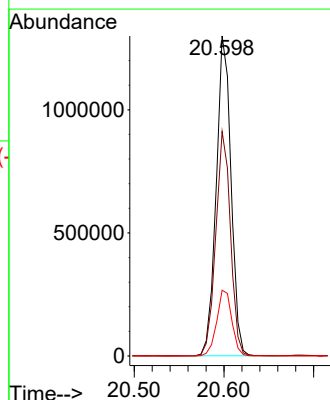
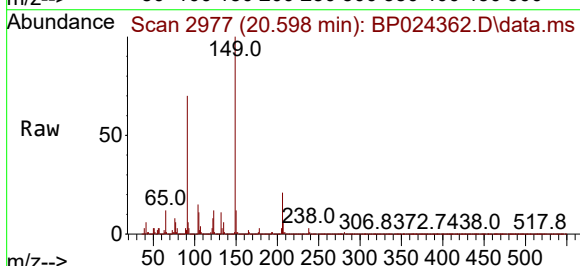
Tgt Ion:149 Resp: 1488906

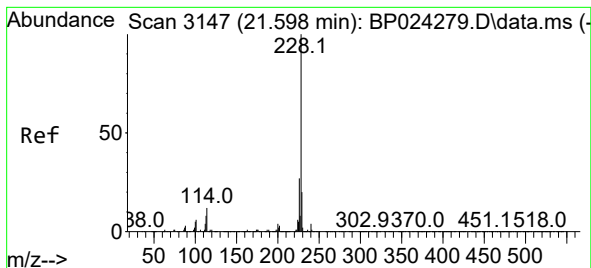
Ion Ratio Lower Upper

149 100

91 70.2 56.4 84.6

206 20.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 47.249 ng

RT: 21.568 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

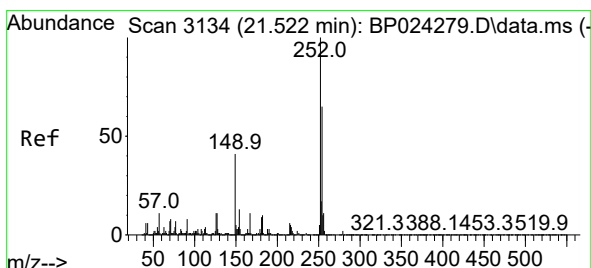
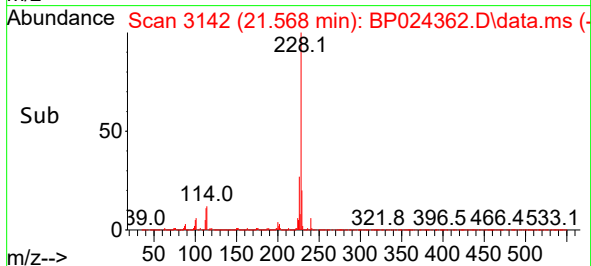
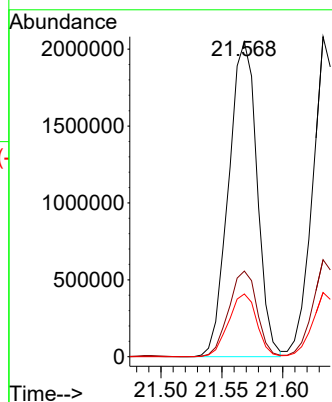
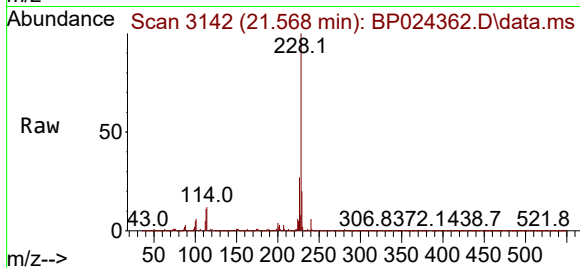
Tgt Ion:228 Resp: 3330620

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 28.499 ng

RT: 21.492 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

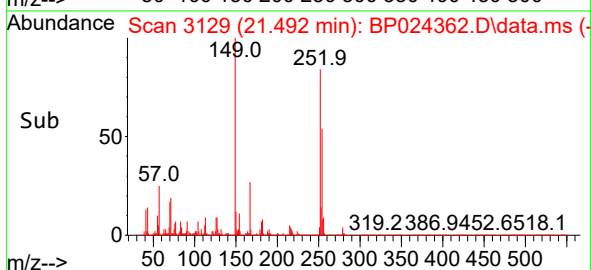
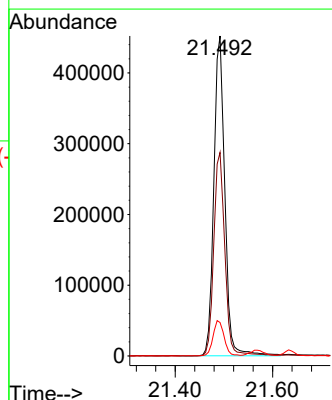
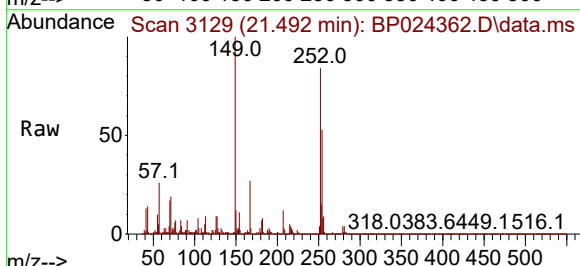
Tgt Ion:252 Resp: 705100

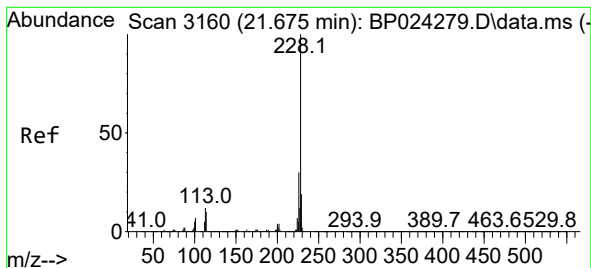
Ion Ratio Lower Upper

252 100

254 63.6 51.7 77.5

126 10.4 8.8 13.2





#83

Chrysene

Concen: 45.846 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

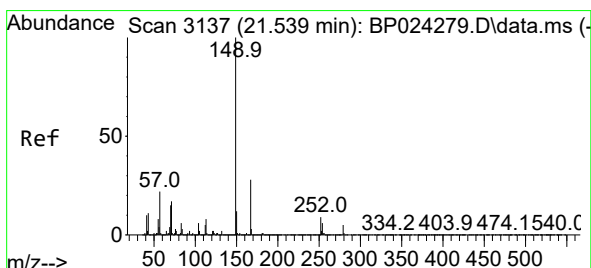
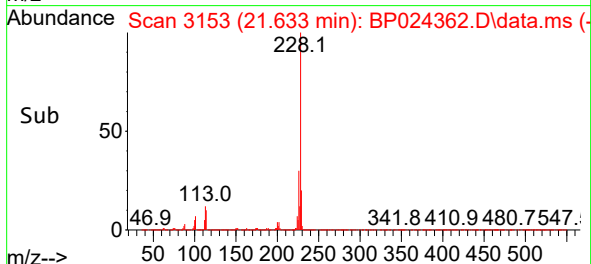
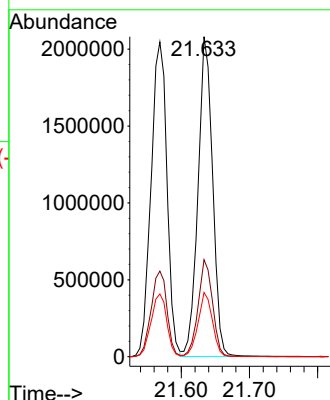
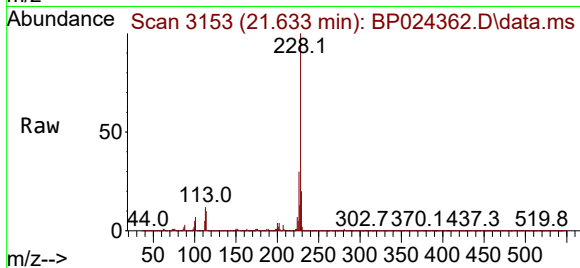
Tgt Ion:228 Resp: 3096106

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.501 ng

RT: 21.504 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

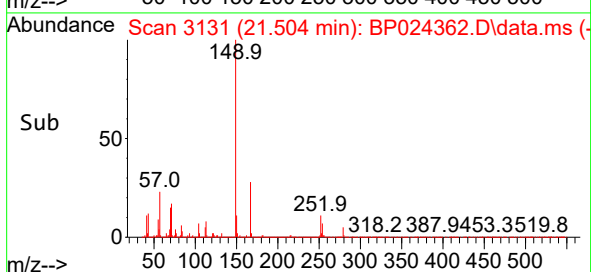
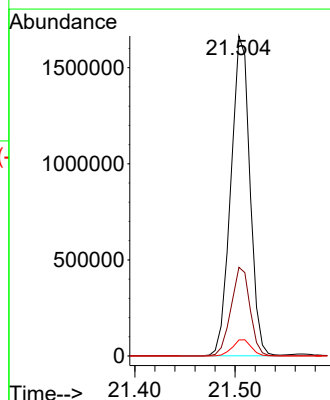
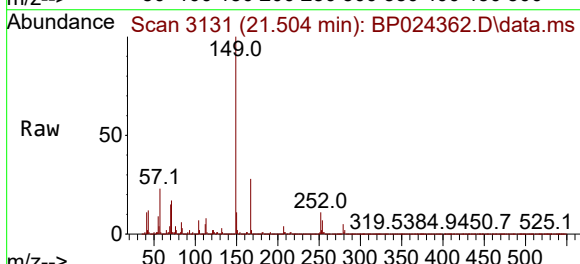
Tgt Ion:149 Resp: 2194902

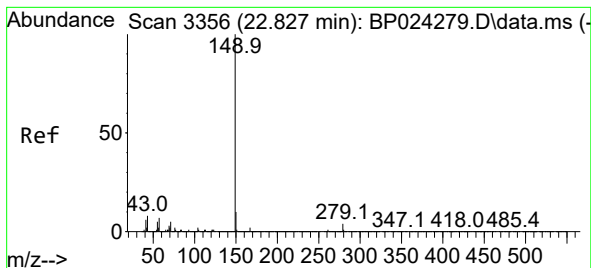
Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

279 5.0 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 51.088 ng

RT: 22.786 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

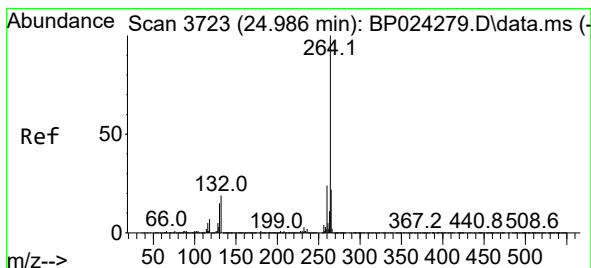
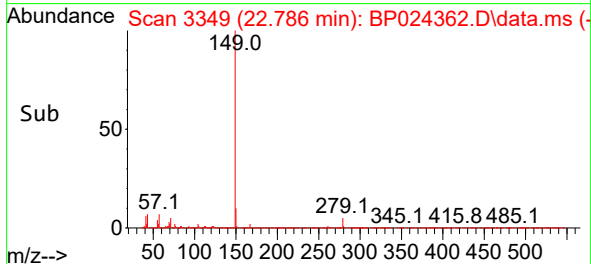
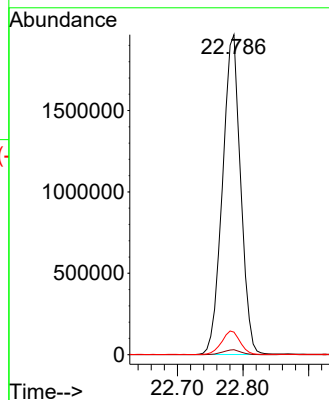
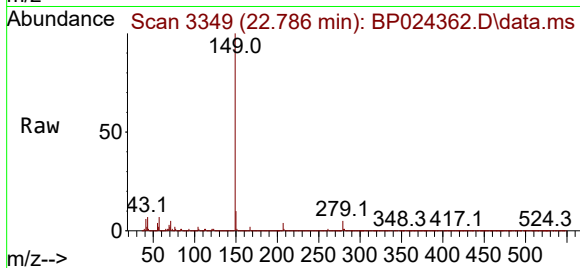
Tgt Ion:149 Resp: 3758576

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: 24.927 min Scan# 3713

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

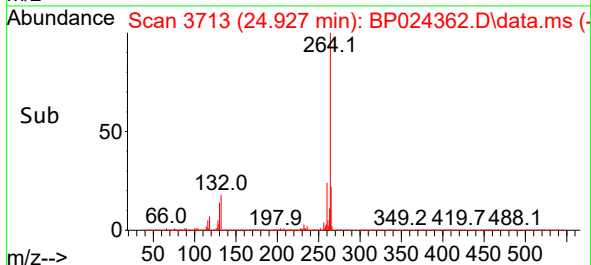
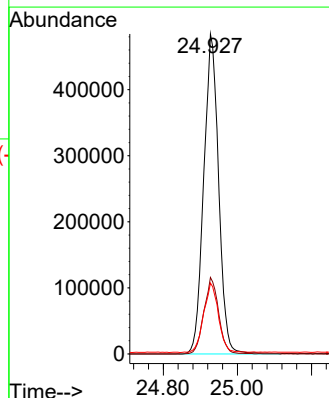
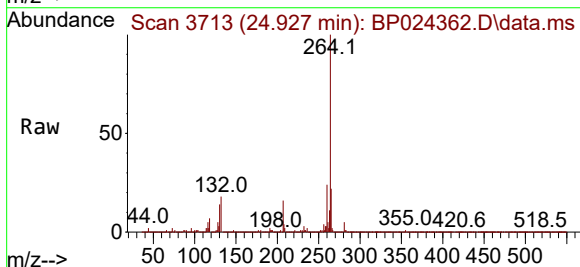
Tgt Ion:264 Resp: 1349568

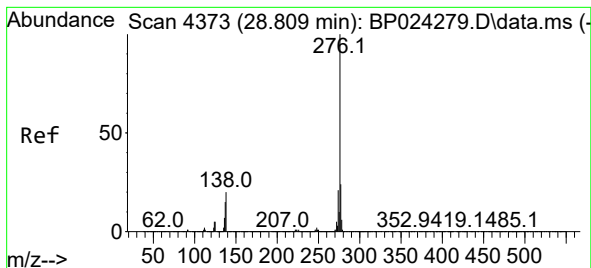
Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.734 ng

RT: 28.709 min Scan# 41

Delta R.T. -0.029 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

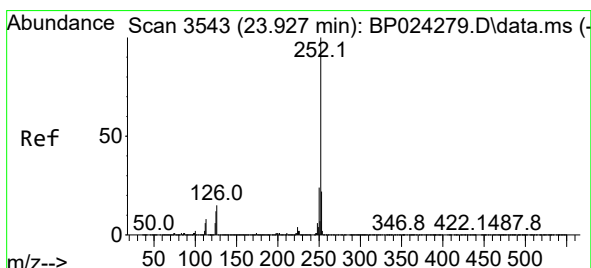
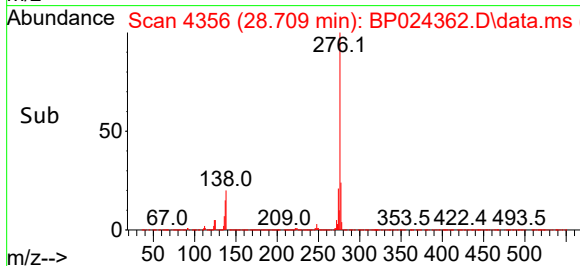
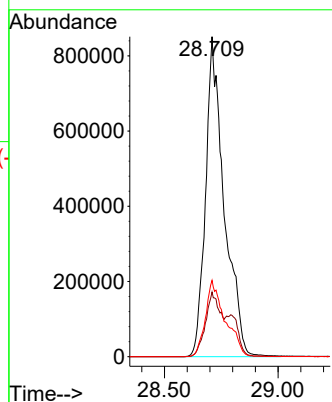
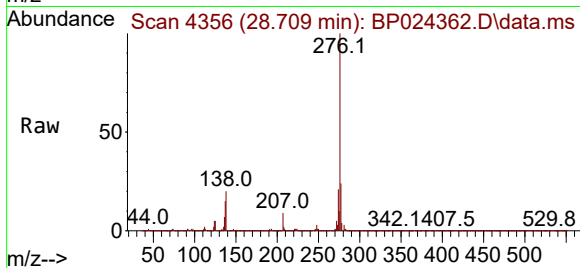
Tgt Ion:276 Resp: 4847151

Ion Ratio Lower Upper

276 100

138 16.2 14.5 21.7

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.158 ng

RT: 23.874 min Scan# 3534

Delta R.T. -0.012 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

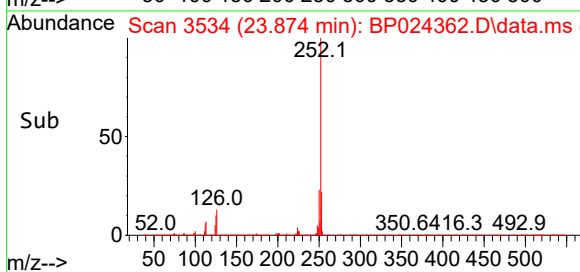
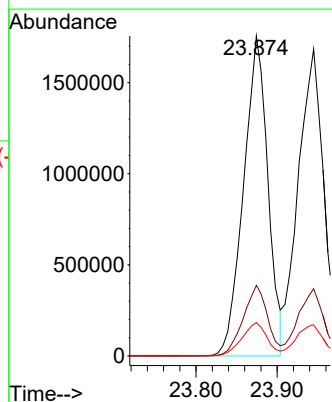
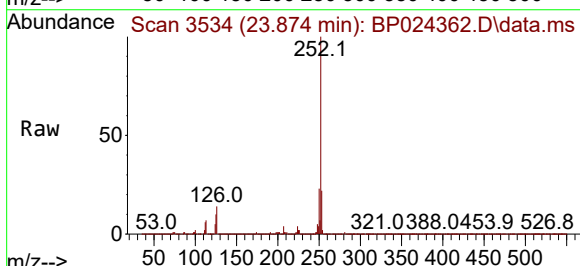
Tgt Ion:252 Resp: 3653037

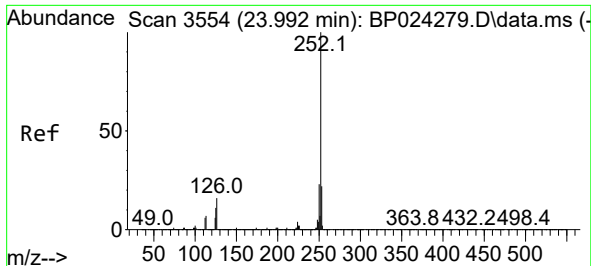
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.5 9.4 14.0

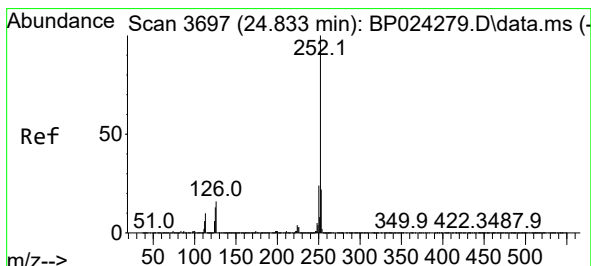
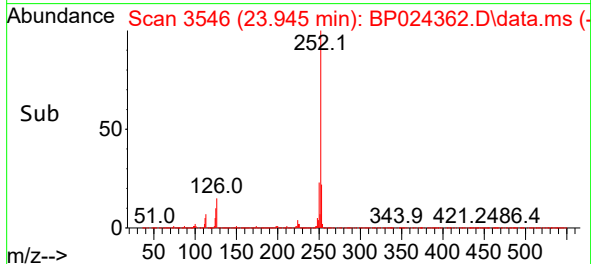
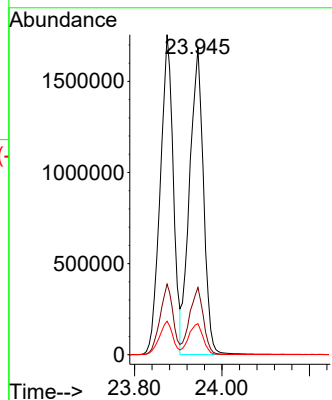
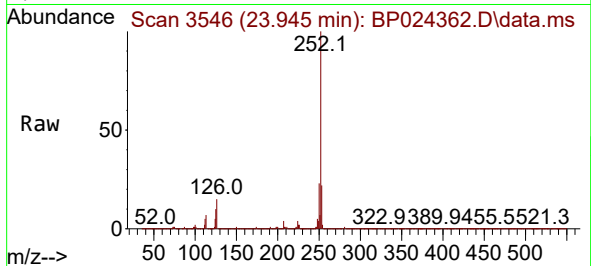




#89
Benzo(k)fluoranthene
Concen: 47.470 ng
RT: 23.945 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

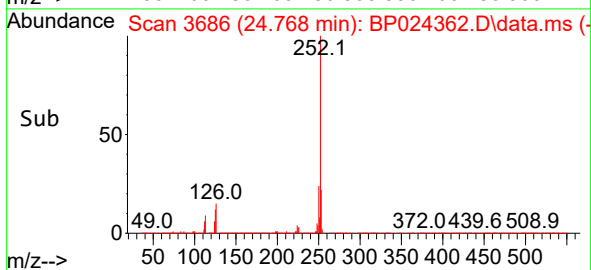
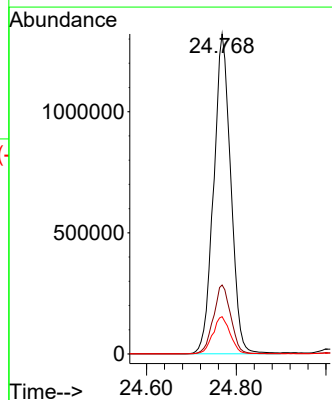
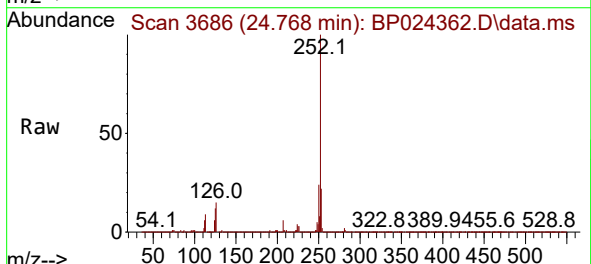
Instrument :
BNA_P
ClientSampleId :
TP-9MS

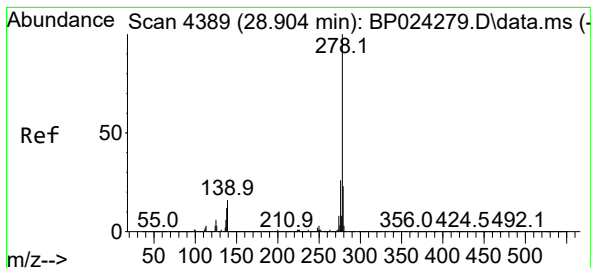
Tgt Ion:252 Resp: 3709304
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 50.140 ng
RT: 24.768 min Scan# 3686
Delta R.T. -0.012 min
Lab File: BP024362.D
Acq: 21 Apr 2025 14:56

Tgt Ion:252 Resp: 3498692
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 11.6 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 51.102 ng

RT: 28.797 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Instrument :

BNA_P

ClientSampleId :

TP-9MS

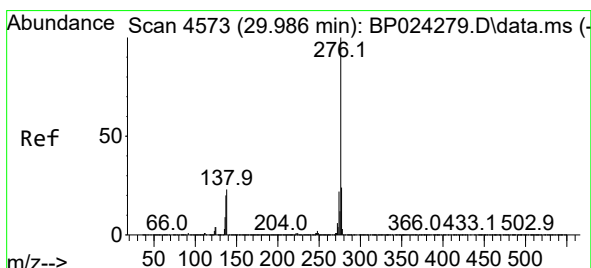
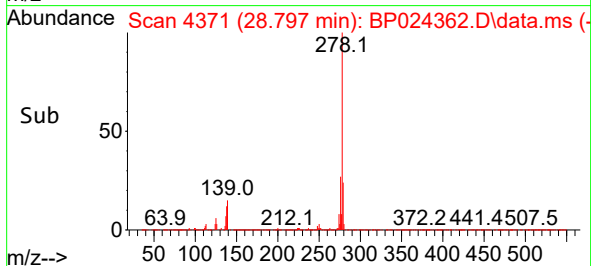
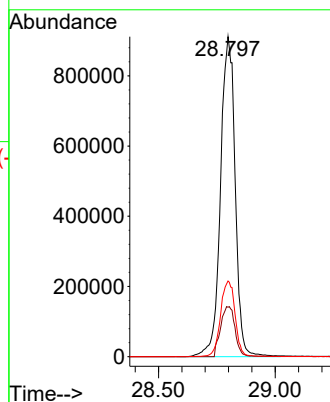
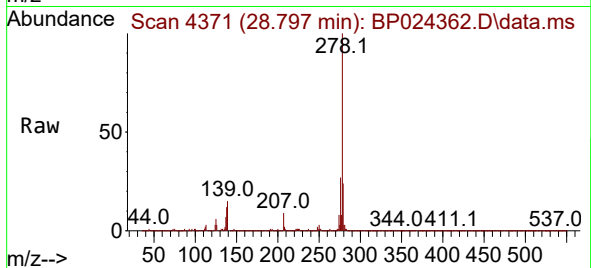
Tgt Ion:278 Resp: 3974066

Ion Ratio Lower Upper

278 100

139 15.5 12.6 19.0

279 23.7 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 49.463 ng

RT: 29.903 min Scan# 4559

Delta R.T. 0.006 min

Lab File: BP024362.D

Acq: 21 Apr 2025 14:56

Tgt Ion:276 Resp: 3915296

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 21.4 18.7 28.1

