

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024300.D
 Acq On : 15 Apr 2025 18:51
 Operator : RC/JU
 Sample : Q1787-12MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

Quant Time: Apr 16 01:41:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	303506	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	1163224	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	647769	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1200888	20.000	ng	-0.01
76) Chrysene-d12	21.627	240	1136139	20.000	ng	0.00
86) Perylene-d12	24.992	264	1226751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2386282	130.001	ng	0.00
7) Phenol-d6	6.916	99	2730296	108.628	ng	0.00
23) Nitrobenzene-d5	8.875	82	1975990	96.863	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1188721	132.637	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	3842151	90.816	ng	-0.01
79) Terphenyl-d14	19.898	244	5442243	96.551	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	304892	39.269	ng	# 80
3) Pyridine	3.705	79	736069	35.903	ng	99
4) n-Nitrosodimethylamine	3.605	42	292551	42.996	ng	100
6) Aniline	7.069	93	908152	40.435	ng	100
8) 2-Chlorophenol	7.304	128	894894	43.666	ng	99
9) Benzaldehyde	6.881	77	391657	31.501	ng	100
10) Phenol	6.940	94	970517	38.492	ng	97
11) bis(2-Chloroethyl)ether	7.157	93	857841	42.228	ng	98
12) 1,3-Dichlorobenzene	7.622	146	912375	41.352	ng	99
13) 1,4-Dichlorobenzene	7.763	146	925763	41.355	ng	99
14) 1,2-Dichlorobenzene	8.075	146	896944	41.494	ng	98
15) Benzyl Alcohol	7.969	79	751987	46.263	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.246	45	956391	43.555	ng	100
17) 2-Methylphenol	8.175	107	734979	45.061	ng	98
18) Hexachloroethane	8.798	117	341865	42.257	ng	100
19) n-Nitroso-di-n-propyla...	8.528	70	640893	41.216	ng	100
20) 3+4-Methylphenols	8.498	107	980119	43.307	ng	100
22) Acetophenone	8.540	105	1289803	44.800	ng	# 98
24) Nitrobenzene	8.916	77	949853	47.067	ng	97
25) Isophorone	9.440	82	1795143	48.616	ng	100
26) 2-Nitrophenol	9.622	139	453957	45.966	ng	98
27) 2,4-Dimethylphenol	9.687	122	823809	66.434	ng	99
28) bis(2-Chloroethoxy)met...	9.916	93	1116307	44.752	ng	99
29) 2,4-Dichlorophenol	10.157	162	771809	45.648	ng	99
30) 1,2,4-Trichlorobenzene	10.363	180	801759	44.258	ng	100
31) Naphthalene	10.551	128	2601881	42.463	ng	99
32) Benzoic acid	9.834	122	526787	36.458	ng	98
33) 4-Chloroaniline	10.663	127	593327	27.496	ng	99
34) Hexachlorobutadiene	10.840	225	471584	44.300	ng	98
35) Caprolactam	11.457	113	211695	33.932	ng	97
36) 4-Chloro-3-methylphenol	11.798	107	871360	44.245	ng	100
37) 2-Methylnaphthalene	12.163	142	1634071	38.453	ng	98
38) 1-Methylnaphthalene	12.387	142	1711576	41.172	ng	100
40) 1,2,4,5-Tetrachloroben...	12.539	216	859524	48.251	ng	# 98
41) Hexachlorocyclopentadiene	12.522	237	1245560	197.700	ng	98
43) 2,4,6-Trichlorophenol	12.787	196	586963	49.560	ng	98

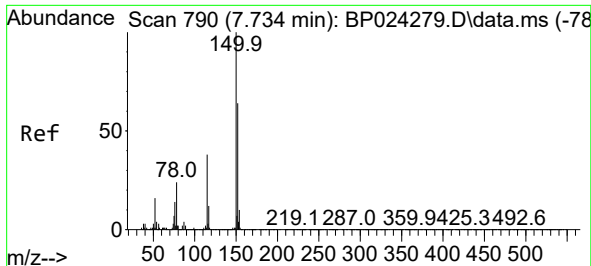
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 QLast Update : Tue Apr 15 04:48:42 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	643899	49.096	ng	98
46) 1,1'-Biphenyl	13.186	154	2249475	47.244	ng	100
47) 2-Chloronaphthalene	13.228	162	1691122	47.522	ng	99
48) 2-Nitroaniline	13.439	65	528928	52.987	ng	96
49) Acenaphthylene	14.081	152	2847287	50.819	ng	100
50) Dimethylphthalate	13.822	163	2220240	47.132	ng	100
51) 2,6-Dinitrotoluene	13.934	165	472222	47.208	ng	94
52) Acenaphthene	14.428	154	1627836	45.829	ng	100
53) 3-Nitroaniline	14.269	138	303212	28.841	ng	96
54) 2,4-Dinitrophenol	14.481	184	520529	88.341	ng	97
55) Dibenzofuran	14.769	168	2527102	43.526	ng	98
56) 4-Nitrophenol	14.598	139	818643	90.160	ng	97
57) 2,4-Dinitrotoluene	14.739	165	658608	48.266	ng	99
58) Fluorene	15.428	166	2029781	45.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	553842	45.786	ng	97
60) Diethylphthalate	15.198	149	2198915	45.297	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	987059	45.224	ng	98
62) 4-Nitroaniline	15.451	138	479616	43.094	ng	95
63) Azobenzene	15.728	77	2076507	46.539	ng	99
65) 4,6-Dinitro-2-methylph...	15.516	198	355779	46.991	ng	97
66) n-Nitrosodiphenylamine	15.651	169	1794310	50.059	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	644935	49.105	ng	99
68) Hexachlorobenzene	16.457	284	756190	48.453	ng	95
69) Atrazine	16.627	200	611332	66.965	ng	98
70) Pentachlorophenol	16.816	266	1041952	95.700	ng	99
71) Phenanthrene	17.216	178	3139463	47.922	ng	99
72) Anthracene	17.304	178	3196110	50.620	ng	100
73) Carbazole	17.592	167	2966198	48.080	ng	99
74) Di-n-butylphthalate	18.180	149	3783802	49.229	ng	99
75) Fluoranthene	19.304	202	3529945	45.305	ng	100
77) Benzidine	19.504	184	1162436	80.716	ng	100
78) Pyrene	19.686	202	3639010	50.400	ng	99
80) Butylbenzylphthalate	20.633	149	1656678	53.569	ng	97
81) Benzo(a)anthracene	21.604	228	3555104	50.343	ng	100
82) 3,3'-Dichlorobenzidine	21.521	252	956503	38.590	ng	99
83) Chrysene	21.674	228	3279802	48.478	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	2386656	52.643	ng	98
85) Di-n-octyl phthalate	22.833	149	3812099	51.721	ng	99
87) Indeno(1,2,3-cd)pyrene	28.821	276	4466584	52.445	ng	95
88) Benzo(b)fluoranthene	23.927	252	3657986	49.746	ng	100
89) Benzo(k)fluoranthene	24.009	252	3595065	50.615	ng	99
90) Benzo(a)pyrene	24.839	252	3407311	53.719	ng	100
91) Dibenzo(a,h)anthracene	28.897	278	3645744	51.573	ng	98
92) Benzo(g,h,i)perylene	30.003	276	3579607	49.749	ng	99

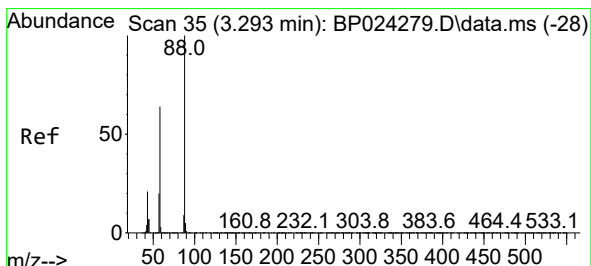
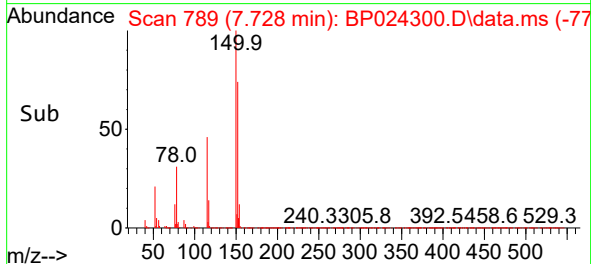
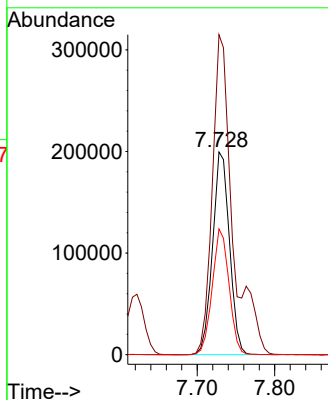
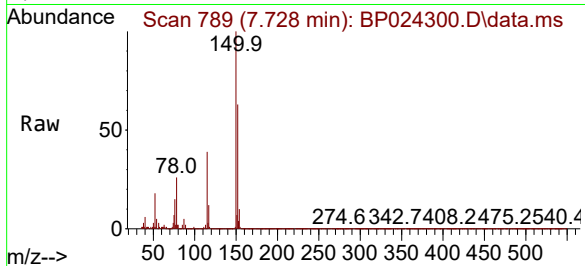
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024300.D
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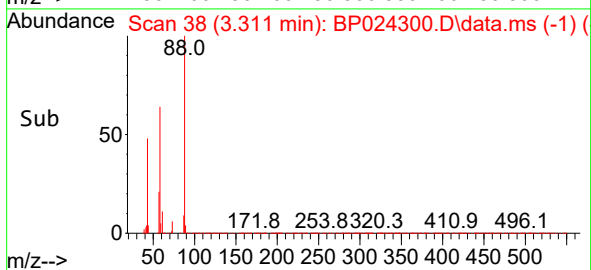
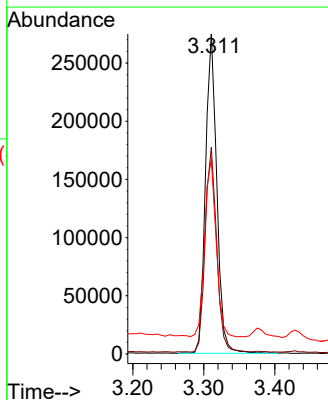
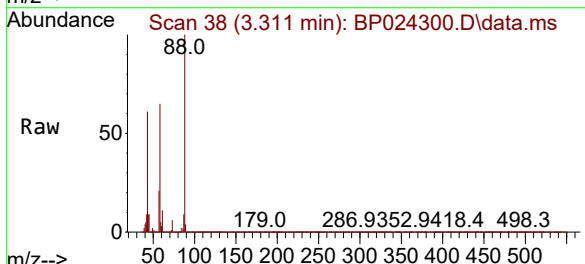
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BNA_P
ClientSampleId :
TP-1MSD

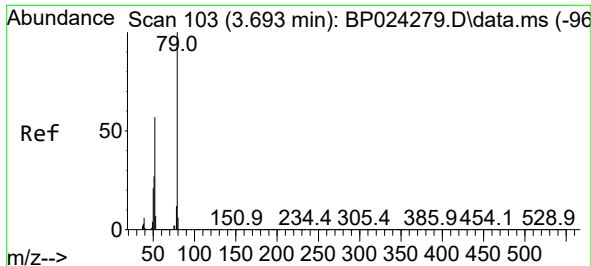
Tgt Ion:152 Resp: 303506
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 62.0 47.7 71.5



#2
1,4-Dioxane
Concen: 39.269 ng
RT: 3.311 min Scan# 38
Delta R.T. 0.018 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion: 88 Resp: 304892
Ion Ratio Lower Upper
88 100
58 65.2 51.4 77.2
43 57.4 17.1 25.7#

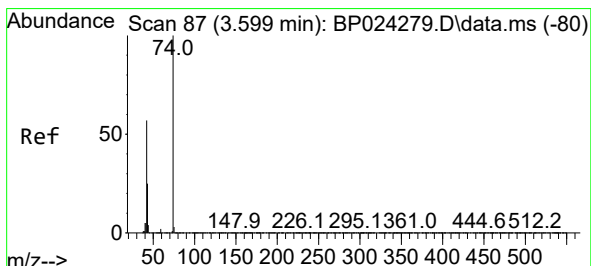
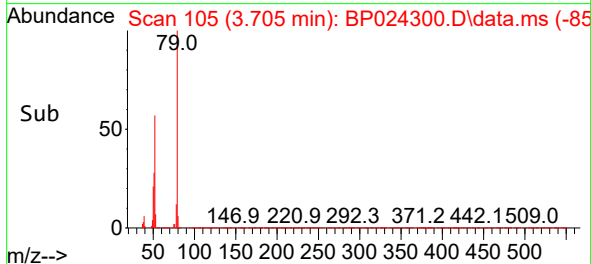
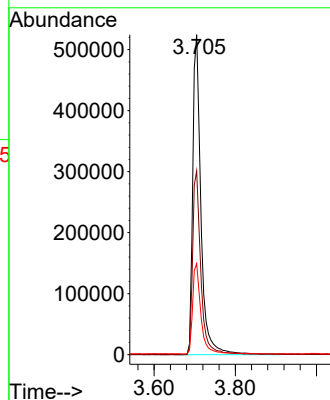
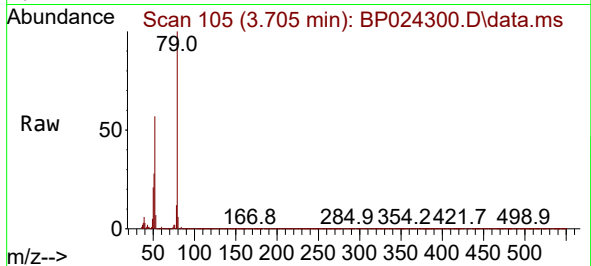




#3
Pyridine
Concen: 35.903 ng
RT: 3.705 min Scan# 103
Delta R.T. 0.018 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

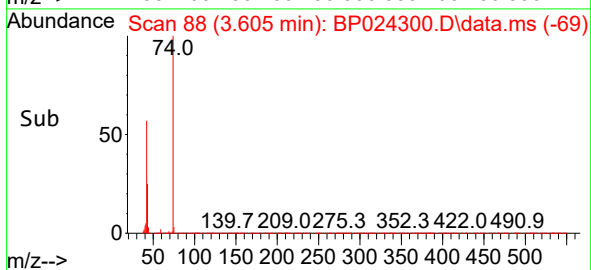
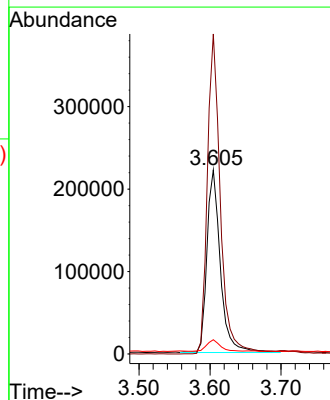
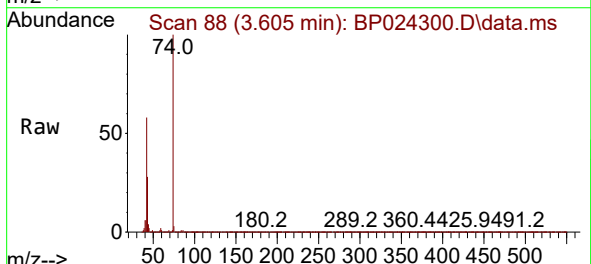
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

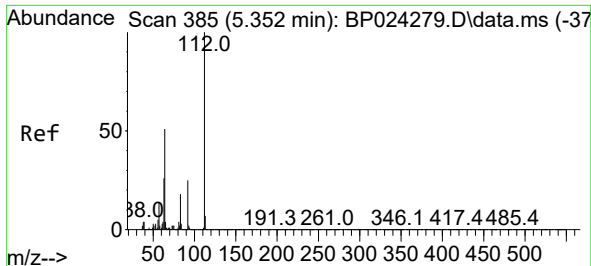
Tgt Ion: 79 Resp: 736069
Ion Ratio Lower Upper
79 100
52 57.4 45.4 68.2
51 28.4 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 42.996 ng
RT: 3.605 min Scan# 88
Delta R.T. 0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion: 42 Resp: 292551
Ion Ratio Lower Upper
42 100
74 173.8 139.5 209.3
44 7.7 5.8 8.8

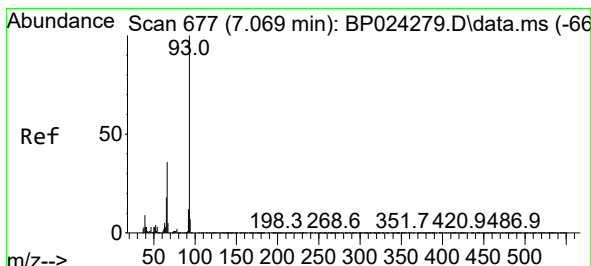
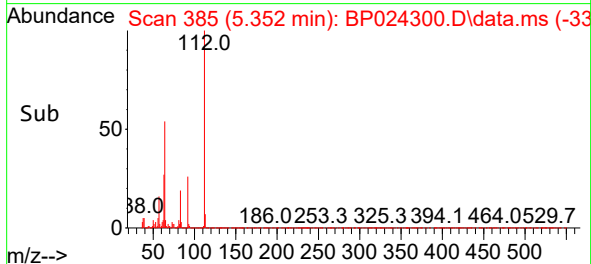
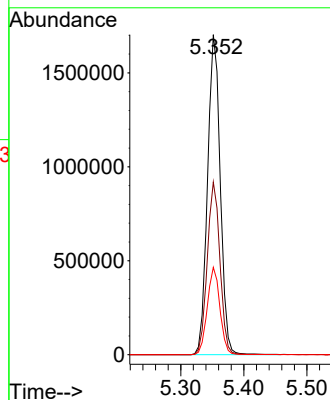
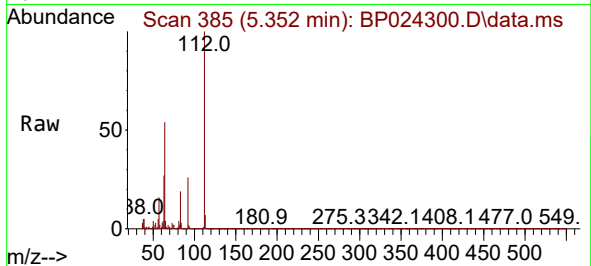




#5
2-Fluorophenol
Concen: 130.001 ng
RT: 5.352 min Scan# 385
Delta R.T. -0.000 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

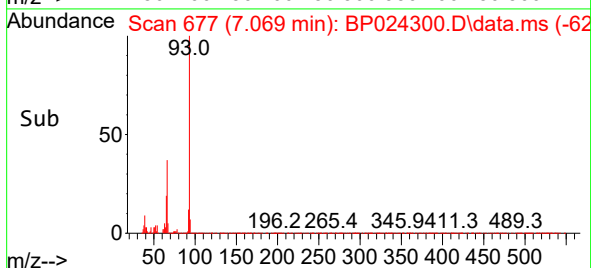
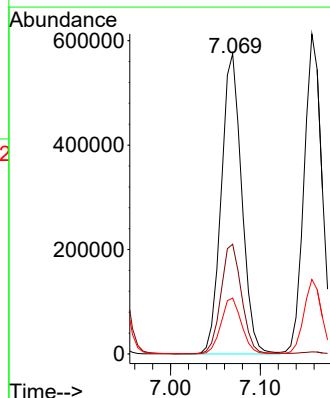
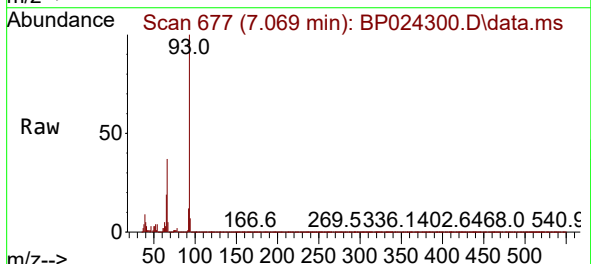
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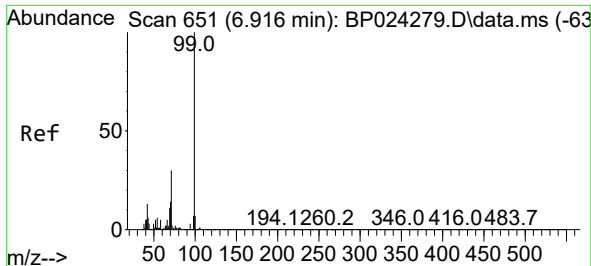
Tgt Ion:112 Resp: 2386282
Ion Ratio Lower Upper
112 100
64 54.0 41.1 61.7
63 27.3 20.6 30.8



#6
Aniline
Concen: 40.435 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion: 93 Resp: 908152
Ion Ratio Lower Upper
93 100
66 36.6 29.1 43.7
65 18.6 14.7 22.1

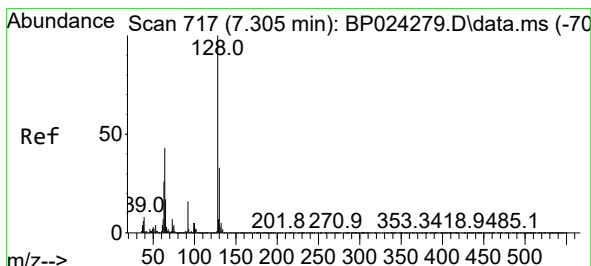
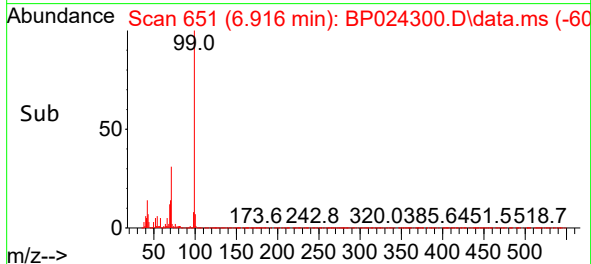
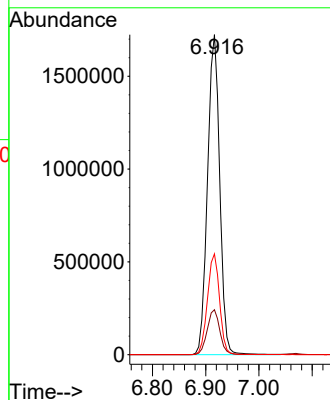
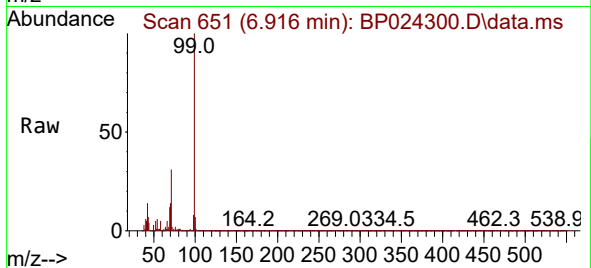




#7
Phenol-d6
Concen: 108.628 ng
RT: 6.916 min Scan# 651
Delta R.T. 0.000 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

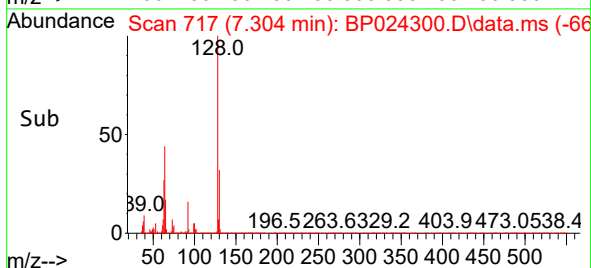
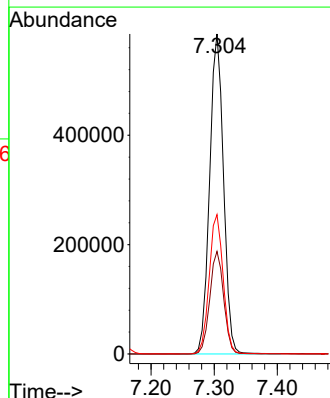
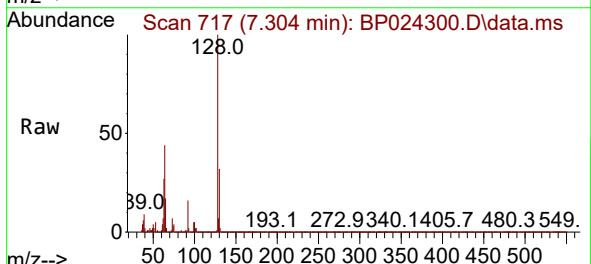
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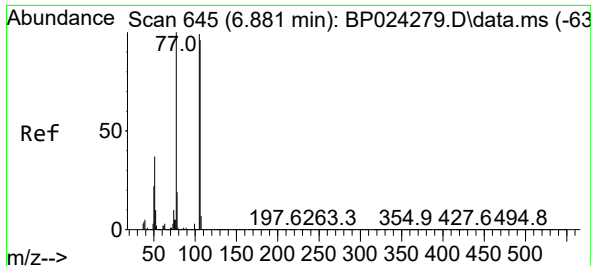
Tgt Ion: 99 Resp: 2730296
Ion Ratio Lower Upper
99 100
42 14.1 10.6 16.0
71 31.5 23.7 35.5



#8
2-Chlorophenol
Concen: 43.666 ng
RT: 7.304 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:128 Resp: 894894
Ion Ratio Lower Upper
128 100
130 32.1 12.9 52.9
64 43.5 22.7 62.7

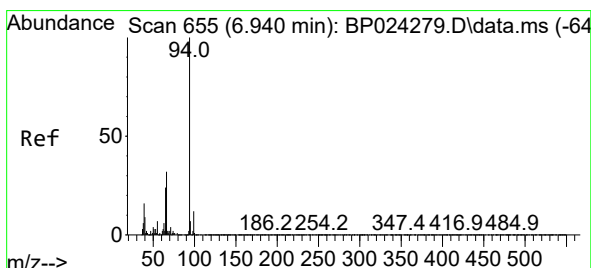
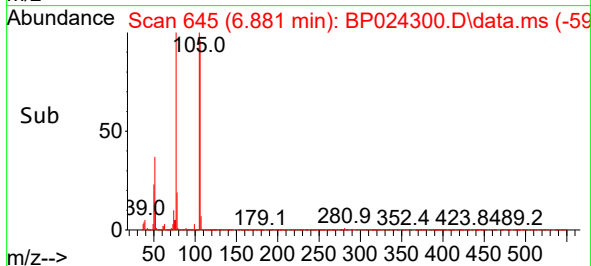
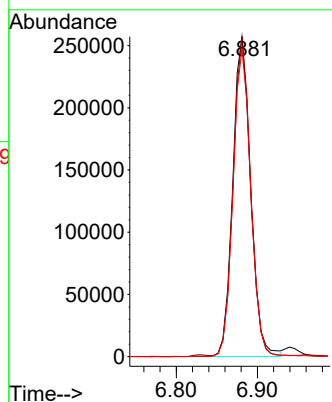
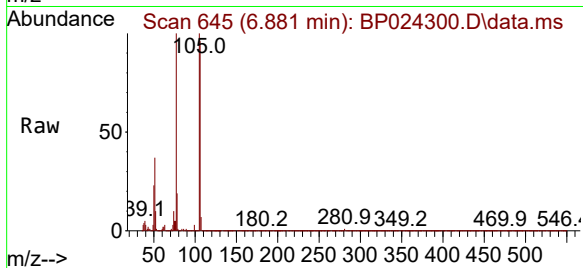




#9
Benzaldehyde
Concen: 31.501 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

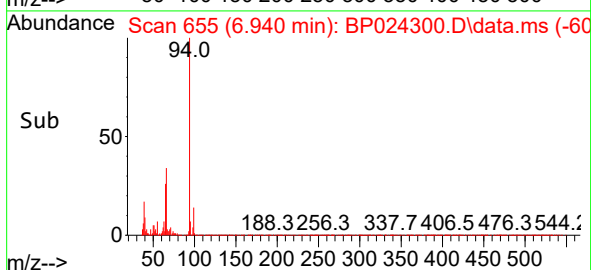
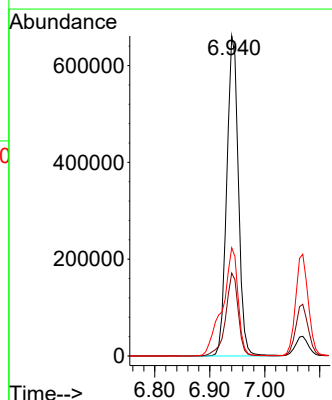
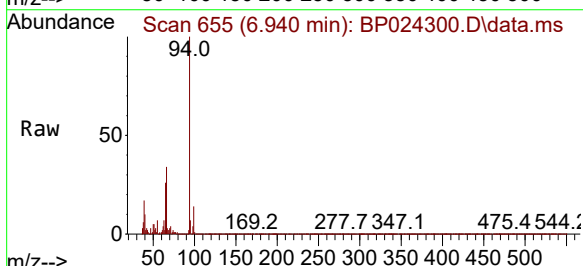
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

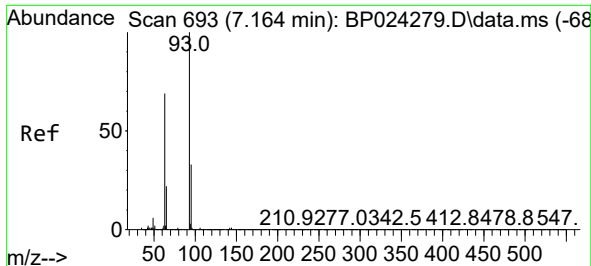
Tgt Ion: 77 Resp: 391657
Ion Ratio Lower Upper
77 100
105 100.0 79.2 119.2
106 96.1 76.2 116.2



#10
Phenol
Concen: 38.492 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion: 94 Resp: 970517
Ion Ratio Lower Upper
94 100
65 25.9 4.5 44.5
66 33.8 12.4 52.4



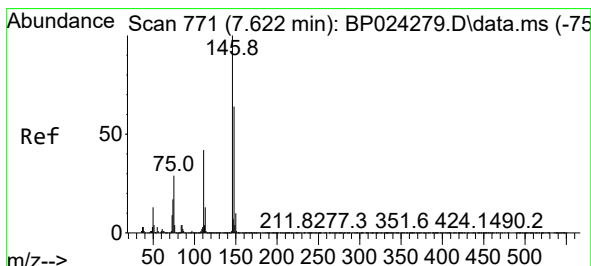
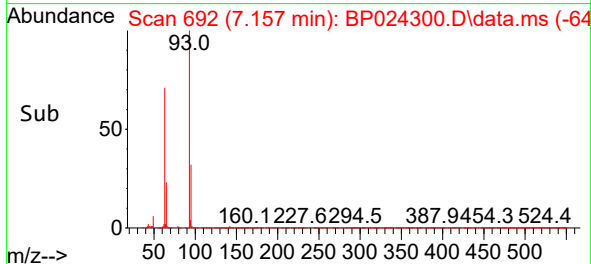
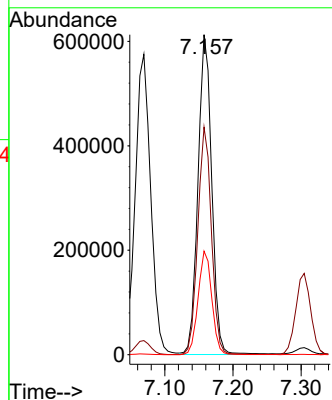
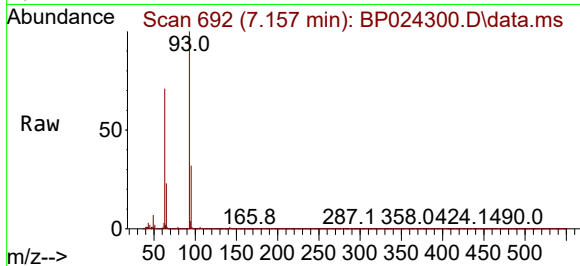


#11
bis(2-Chloroethyl)ether
Concen: 42.228 ng
RT: 7.157 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Instrument :
BNA_P
ClientSampleId :
TP-1MSD

Tgt Ion: 93 Resp: 857841

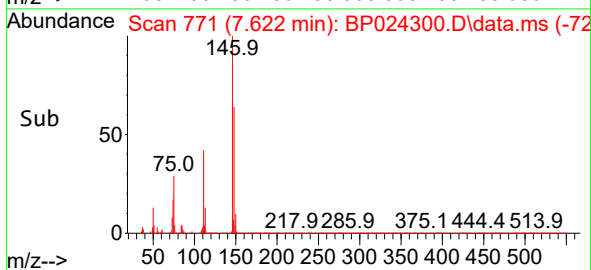
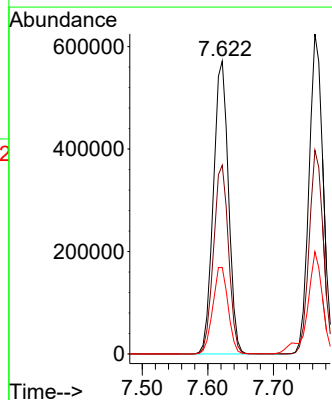
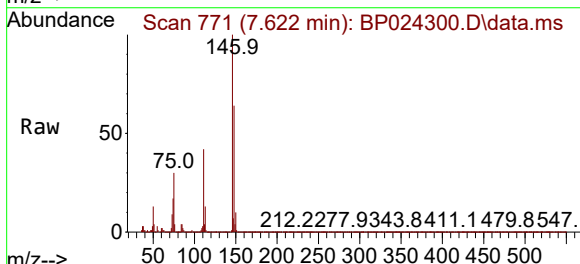
Ion	Ratio	Lower	Upper
93	100		
63	71.1	48.6	88.6
95	32.4	12.3	52.3

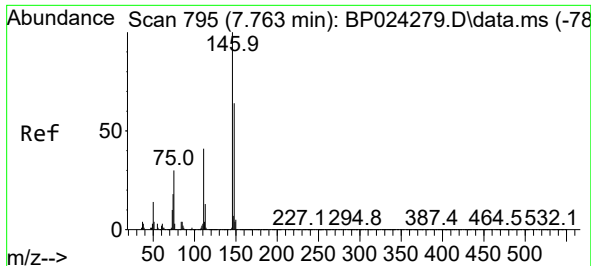


#12
1,3-Dichlorobenzene
Concen: 41.352 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion: 146 Resp: 912375

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	29.5	22.9	34.3

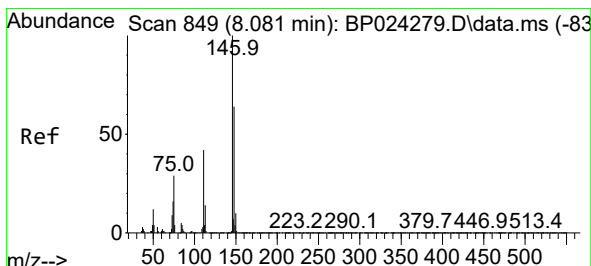
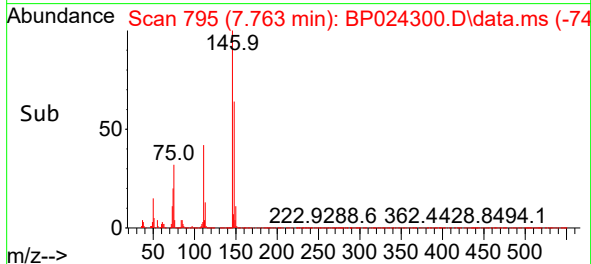
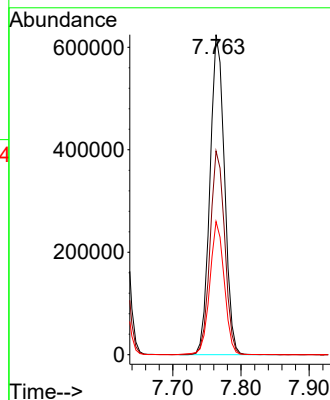
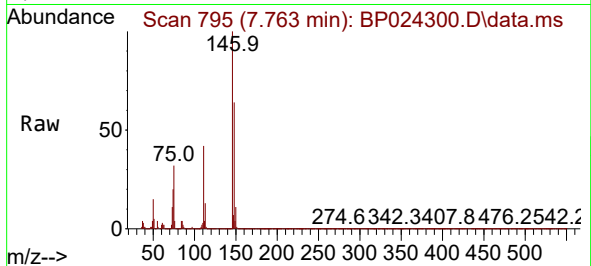




#13
1,4-Dichlorobenzene
Concen: 41.355 ng
RT: 7.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

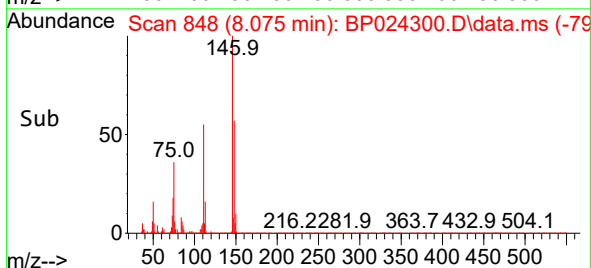
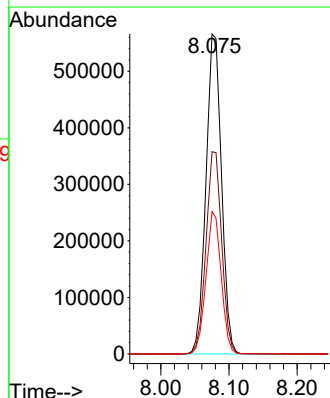
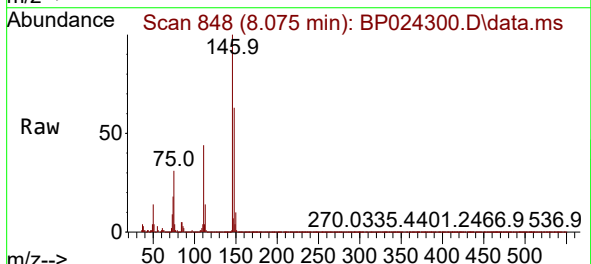
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

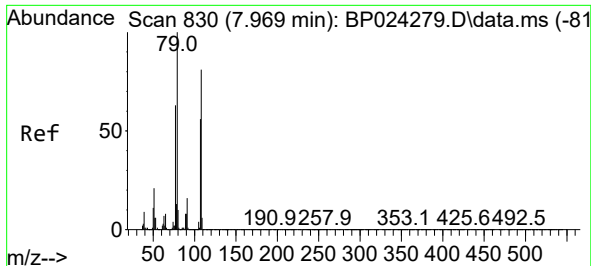
Tgt Ion:146 Resp: 925763
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 41.6 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 41.494 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:146 Resp: 896944
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
111 44.5 33.8 50.8

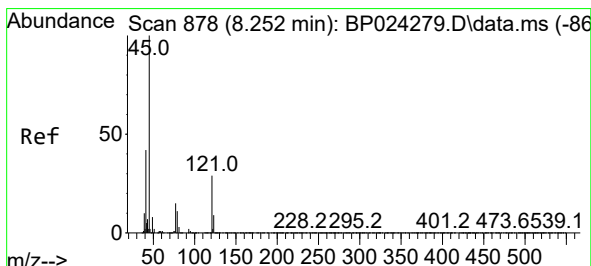
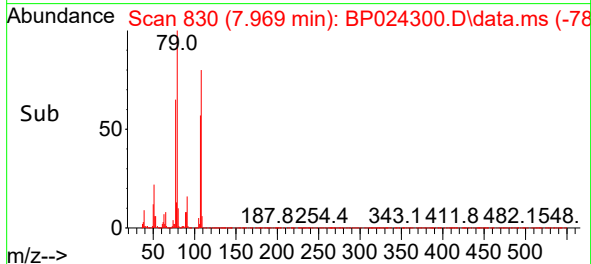
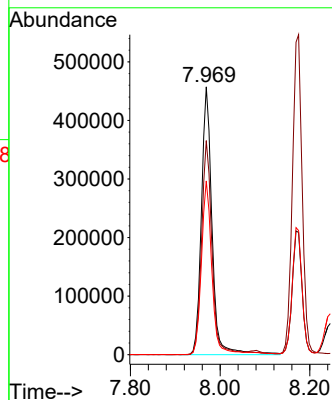
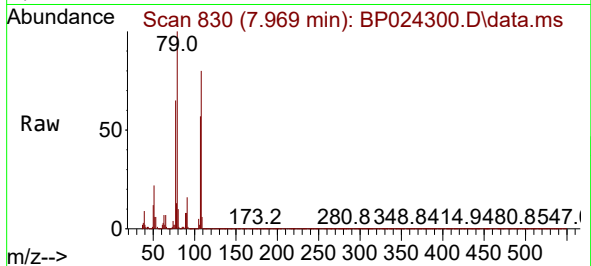




#15
Benzyl Alcohol
Concen: 46.263 ng
RT: 7.969 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

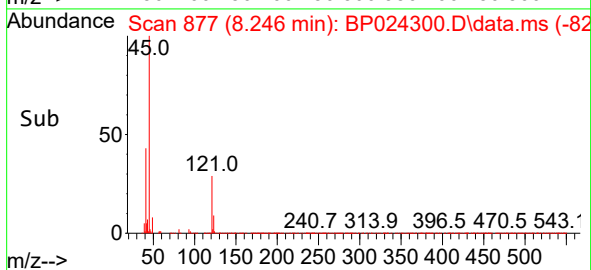
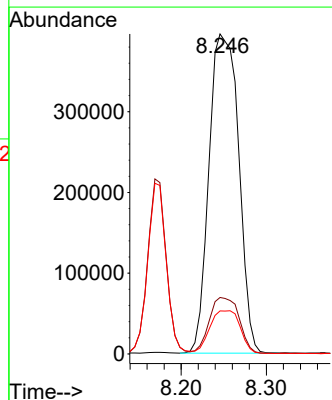
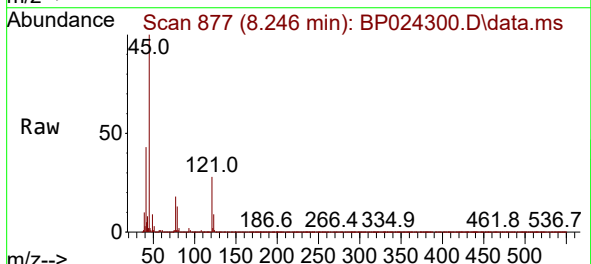
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

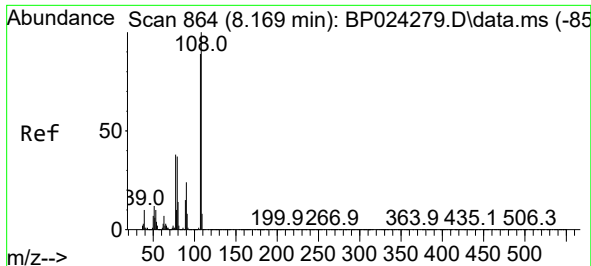
Tgt Ion: 79 Resp: 751987
Ion Ratio Lower Upper
79 100
108 79.9 65.1 97.7
77 64.9 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.555 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion: 45 Resp: 956391
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.7
79 13.5 0.0 33.5





#17

2-Methylphenol

Concen: 45.061 ng

RT: 8.175 min Scan# 864

Delta R.T. -0.000 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

Tgt Ion:107 Resp: 734979

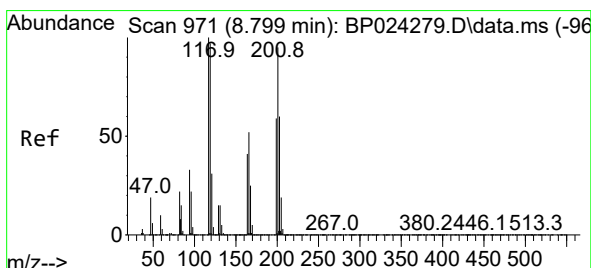
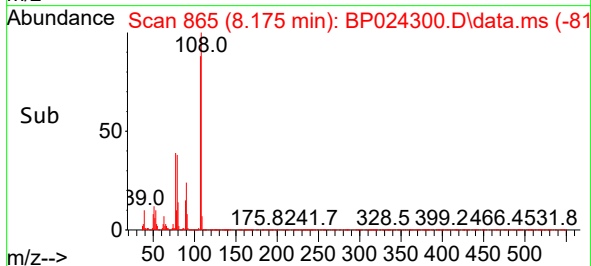
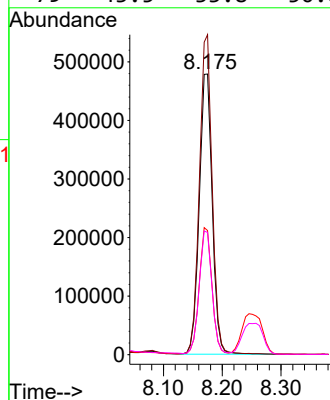
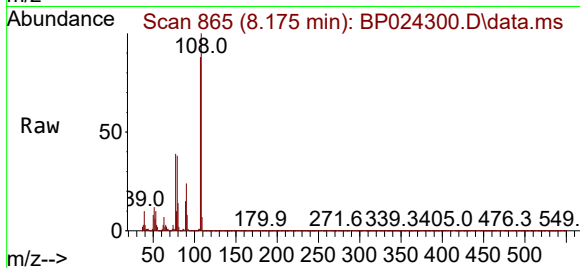
Ion Ratio Lower Upper

107 100

108 114.0 89.8 134.6

77 44.3 34.2 51.4

79 43.5 33.8 50.8



#18

Hexachloroethane

Concen: 42.257 ng

RT: 8.798 min Scan# 971

Delta R.T. -0.000 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

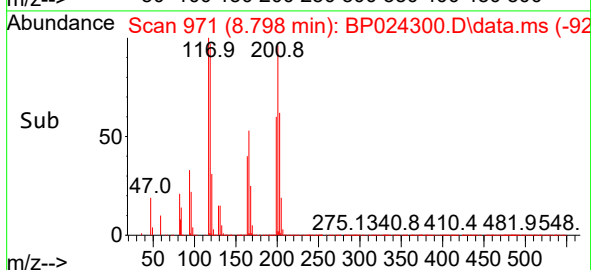
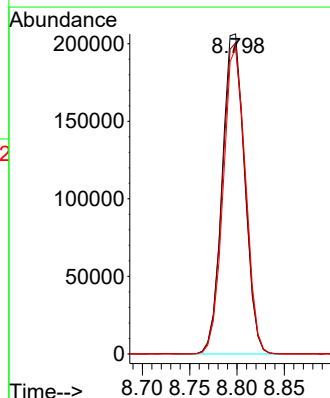
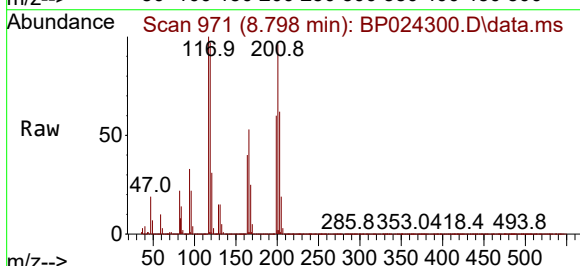
Tgt Ion:117 Resp: 341865

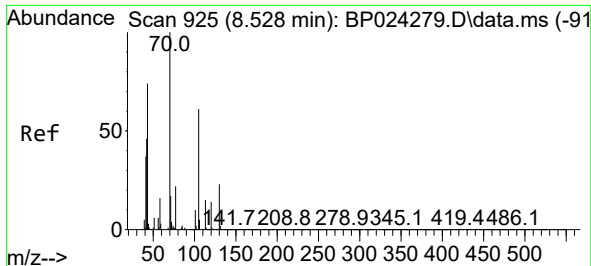
Ion Ratio Lower Upper

117 100

119 97.2 77.8 116.6

201 95.7 75.9 113.9

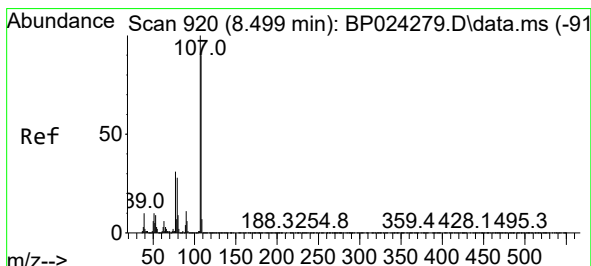
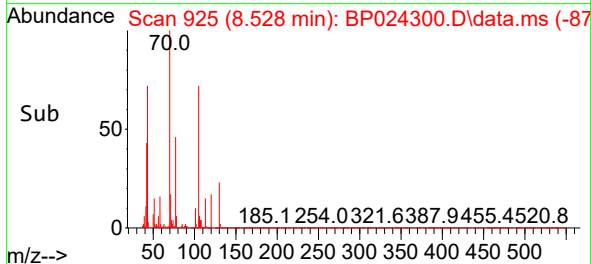
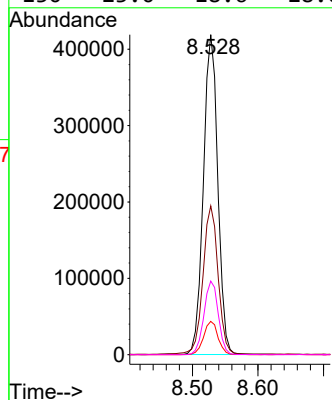
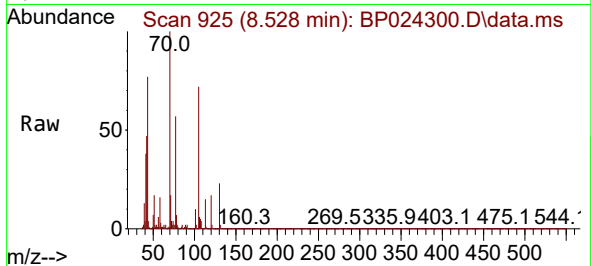




#19
n-Nitroso-di-n-propylamine
Concen: 41.216 ng
RT: 8.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

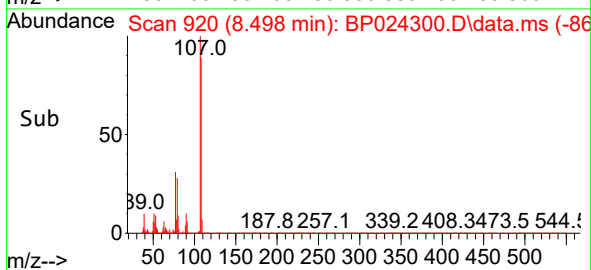
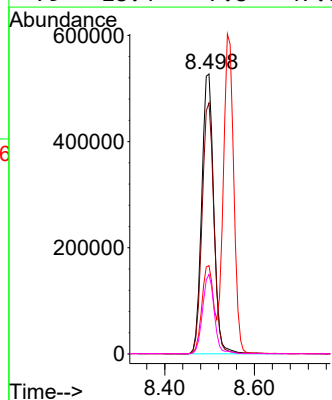
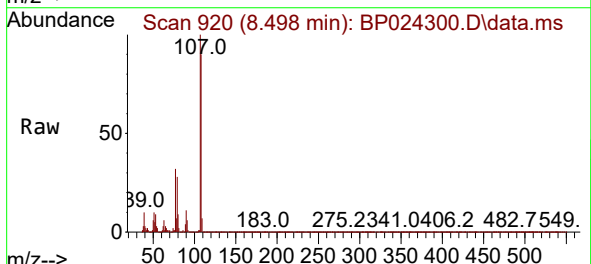
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

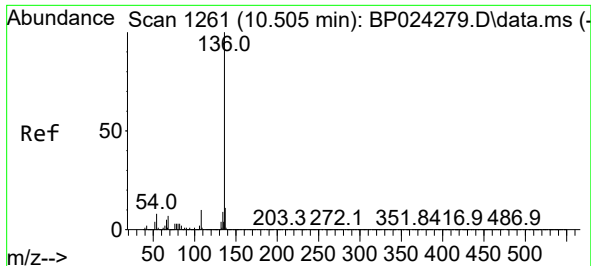
Tgt Ion: 70 Resp: 640893
Ion Ratio Lower Upper
70 100
42 46.5 37.3 55.9
101 10.4 8.2 12.4
130 23.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 43.307 ng
RT: 8.498 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion: 107 Resp: 980119
Ion Ratio Lower Upper
107 100
108 89.6 69.8 109.8
77 31.5 11.5 51.5
79 28.4 7.8 47.8

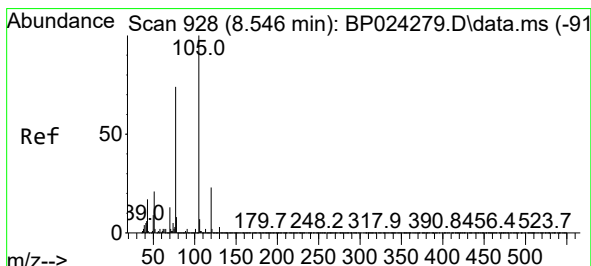
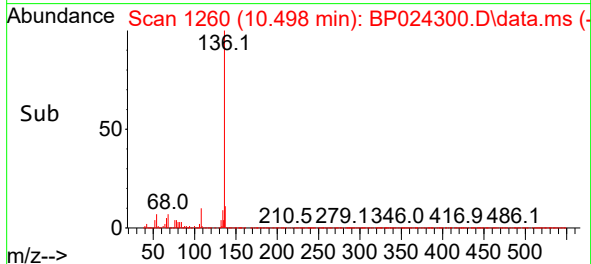
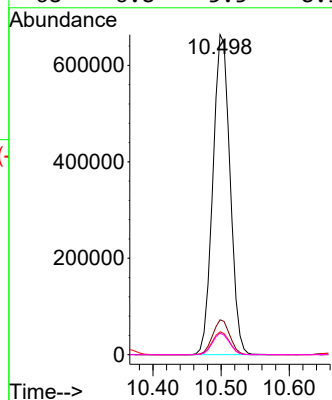
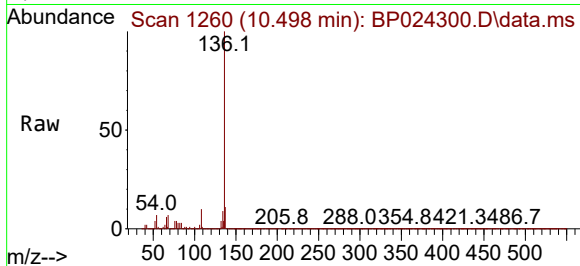




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

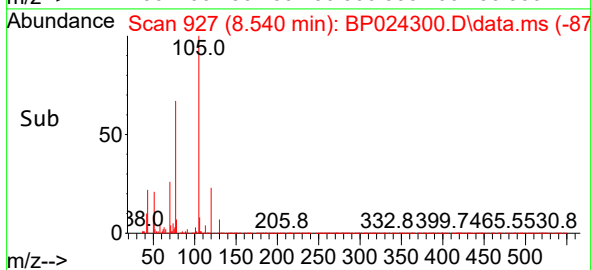
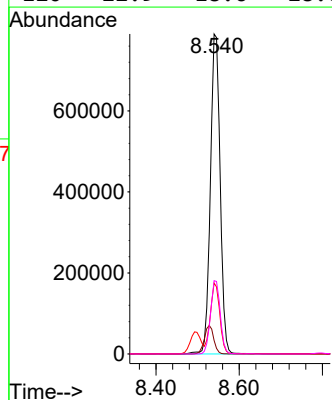
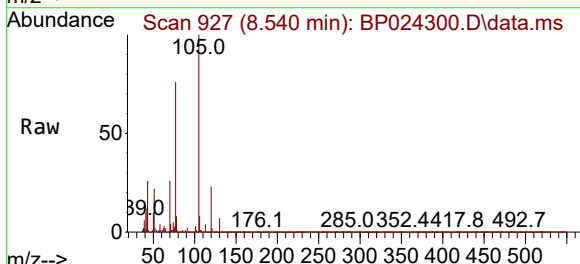
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

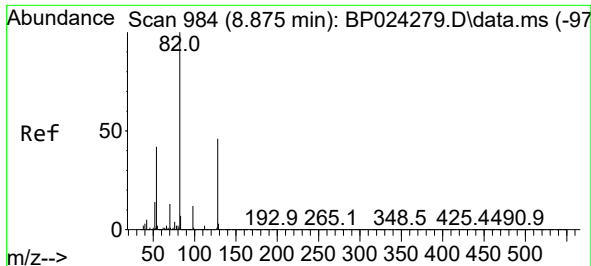
Tgt Ion:136 Resp: 1163224
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.1 6.0 9.0
68 6.8 5.5 8.3



#22
Acetophenone
Concen: 44.800 ng
RT: 8.540 min Scan# 927
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:105 Resp: 1289803
Ion Ratio Lower Upper
105 100
71 4.2 1.7 2.5#
51 22.1 16.9 25.3
120 22.9 18.6 28.0

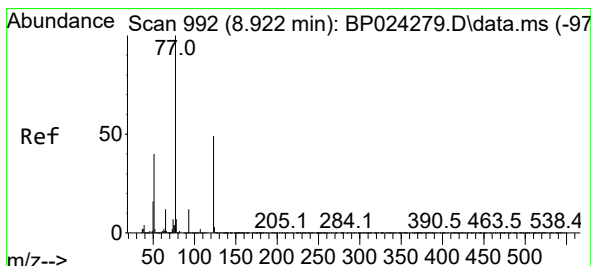
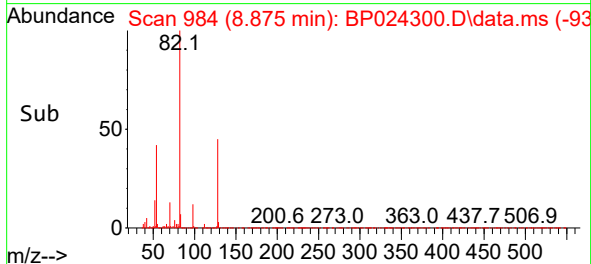
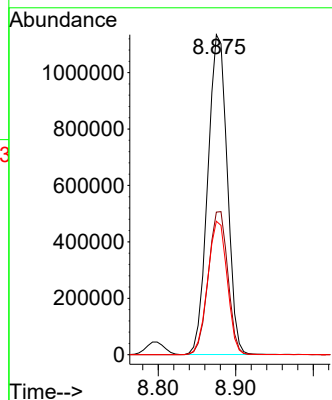
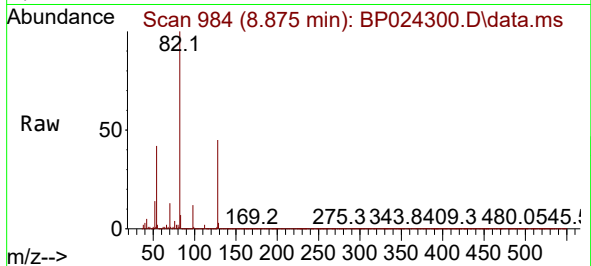




#23
Nitrobenzene-d5
Concen: 96.863 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

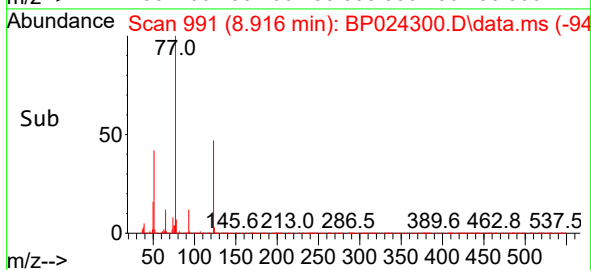
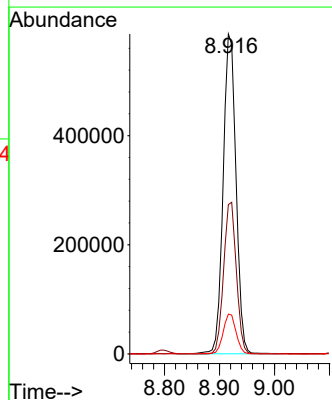
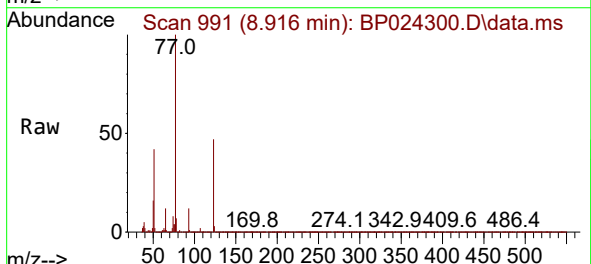
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

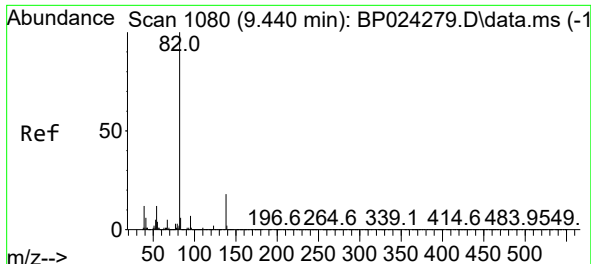
Tgt Ion: 82 Resp: 1975990
Ion Ratio Lower Upper
82 100
128 44.6 36.5 54.7
54 41.7 33.4 50.2



#24
Nitrobenzene
Concen: 47.067 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion: 77 Resp: 949853
Ion Ratio Lower Upper
77 100
123 46.7 39.2 58.8
65 12.5 9.8 14.6

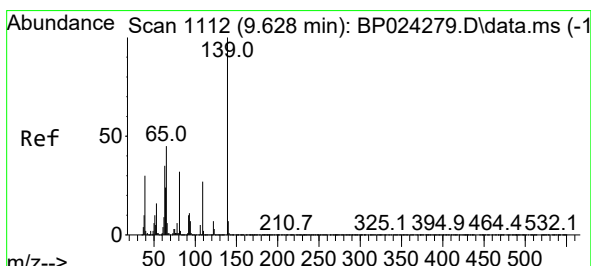
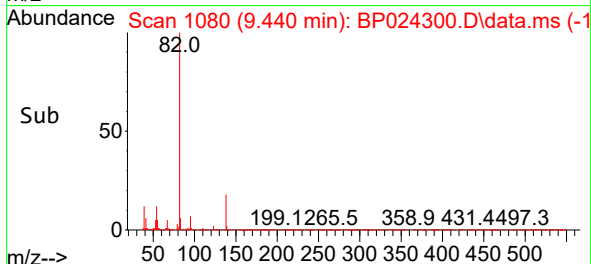
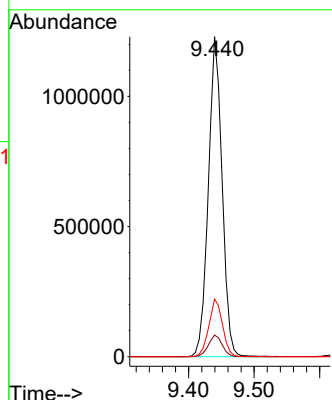
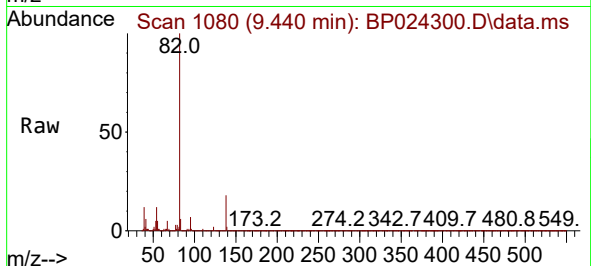




#25
Isophorone
Concen: 48.616 ng
RT: 9.440 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

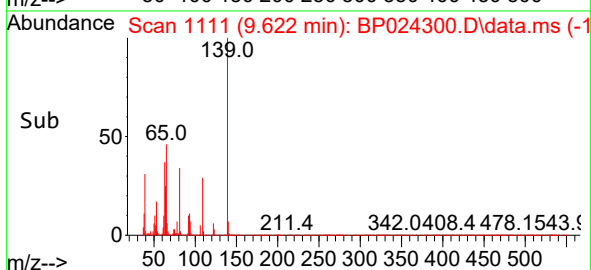
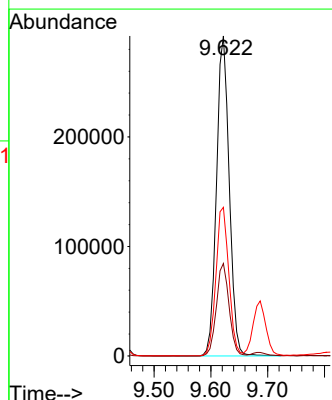
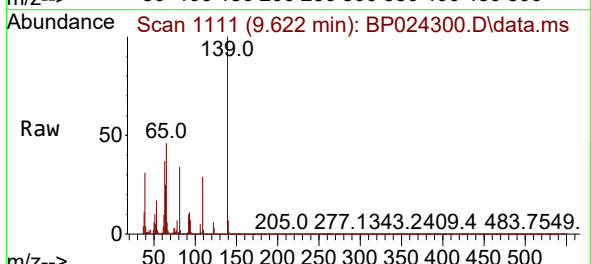
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

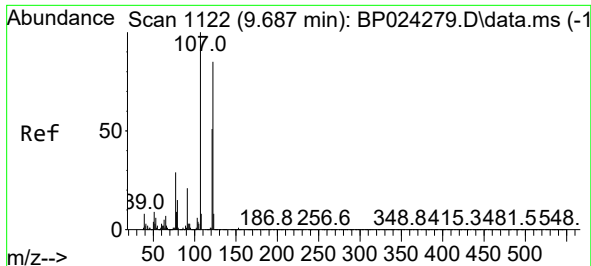
Tgt Ion: 82 Resp: 1795143
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.0 14.4 21.6



#26
2-Nitrophenol
Concen: 45.966 ng
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:139 Resp: 453957
Ion Ratio Lower Upper
139 100
109 28.9 21.8 32.6
65 46.5 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 66.434 ng

RT: 9.687 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

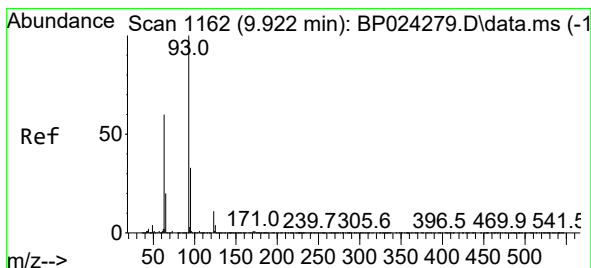
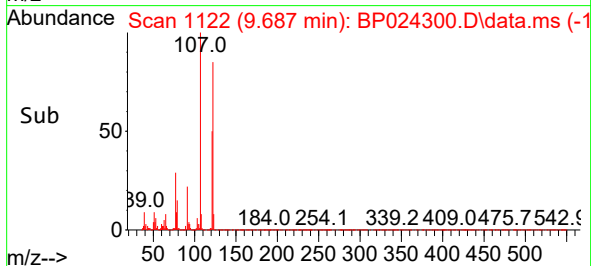
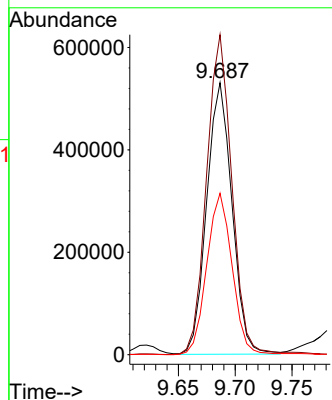
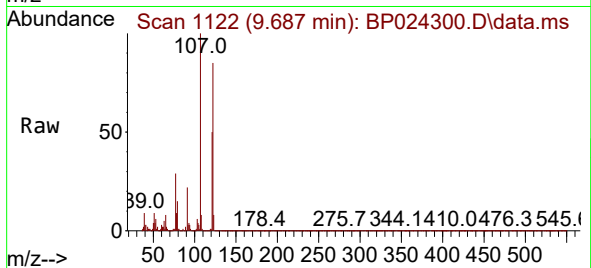
Tgt Ion:122 Resp: 823809

Ion Ratio Lower Upper

122 100

107 117.6 93.7 140.5

121 59.3 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 44.752 ng

RT: 9.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

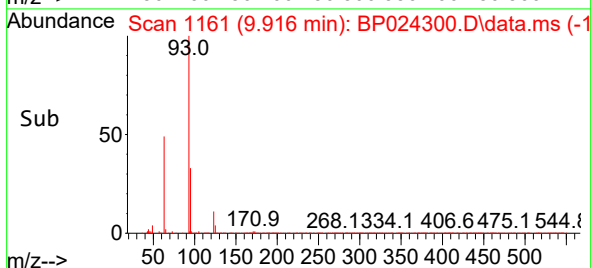
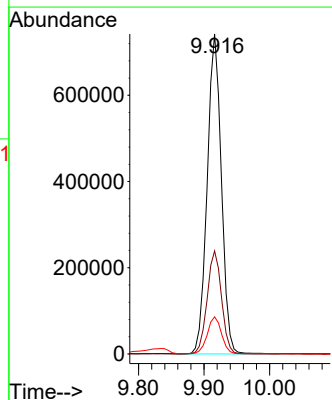
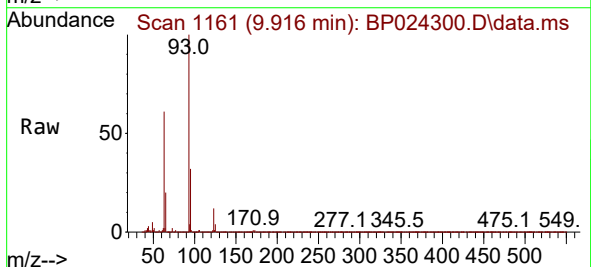
Tgt Ion: 93 Resp: 1116307

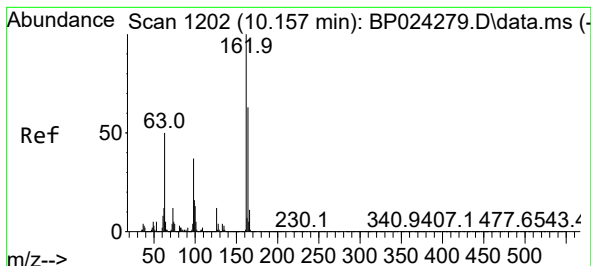
Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

123 11.6 9.1 13.7

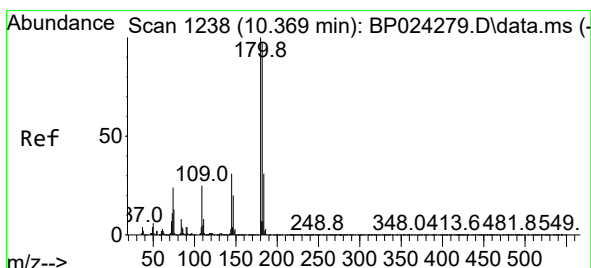
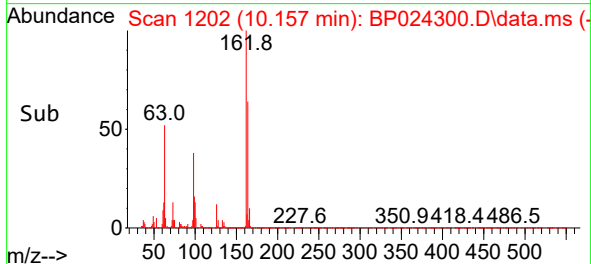
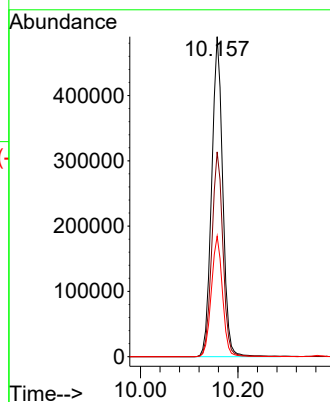
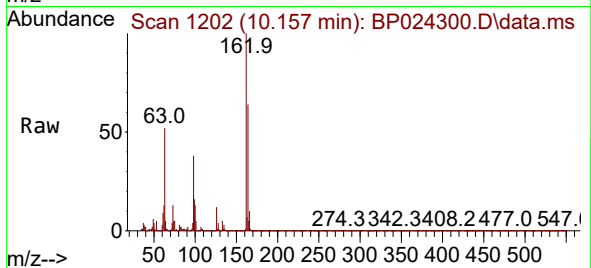




#29
2,4-Dichlorophenol
Concen: 45.648 ng
RT: 10.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

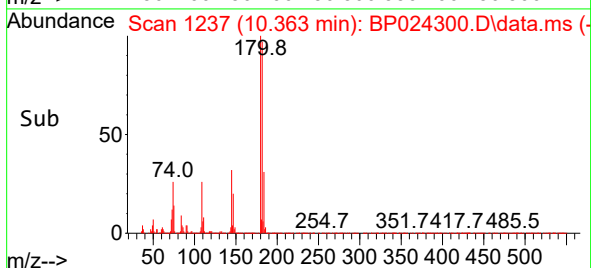
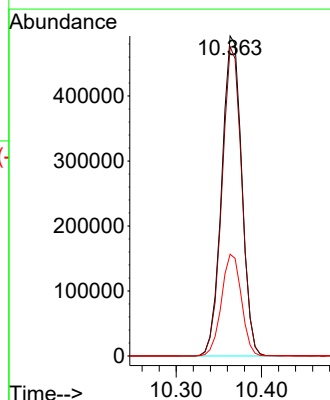
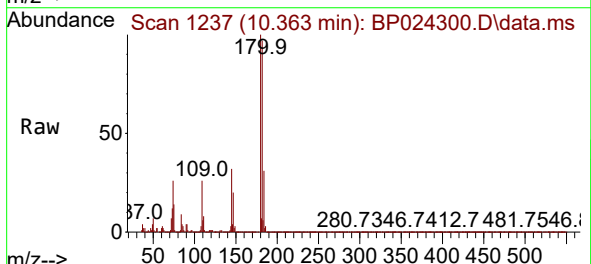
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

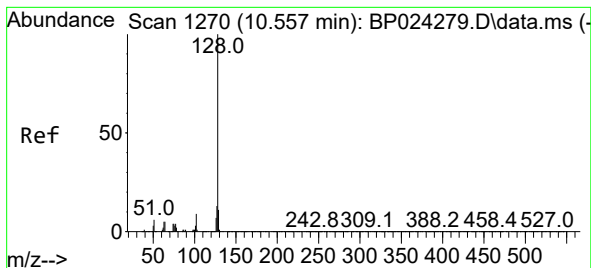
Tgt Ion:162 Resp: 771809
Ion Ratio Lower Upper
162 100
164 64.0 43.3 83.3
98 37.7 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 44.258 ng
RT: 10.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:180 Resp: 801759
Ion Ratio Lower Upper
180 100
182 96.7 77.3 115.9
145 31.8 25.1 37.7

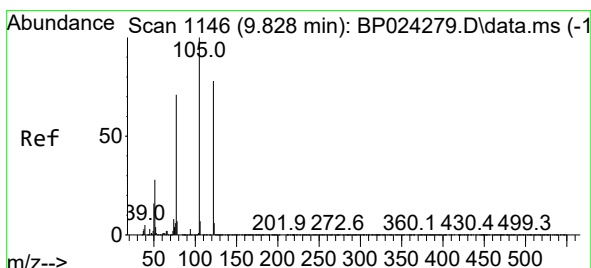
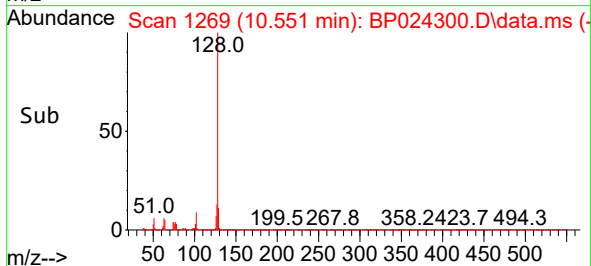
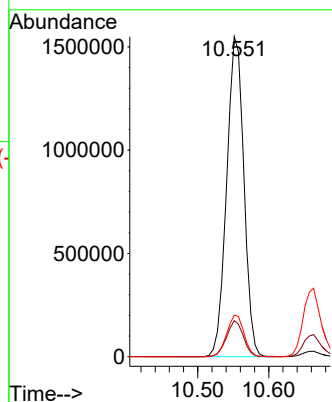
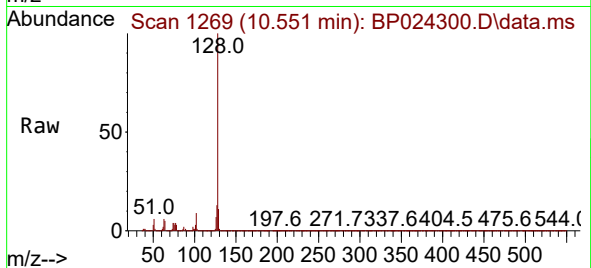




#31
Naphthalene
Concen: 42.463 ng
RT: 10.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

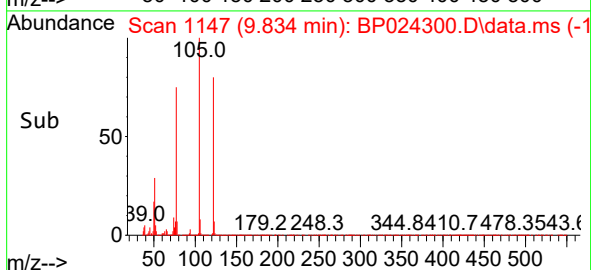
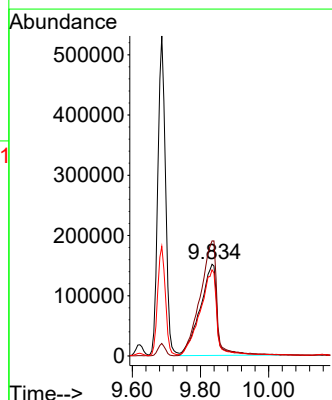
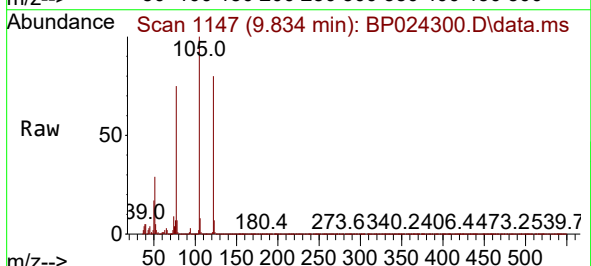
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

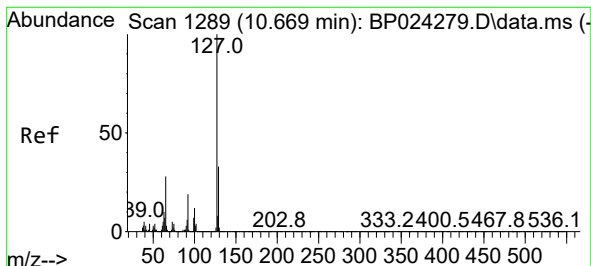
Tgt Ion:128 Resp: 2601881
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 36.458 ng
RT: 9.834 min Scan# 1147
Delta R.T. -0.041 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:122 Resp: 526787
Ion Ratio Lower Upper
122 100
105 125.4 104.8 144.8
77 93.9 69.2 109.2





#33

4-Chloroaniline

Concen: 27.496 ng

RT: 10.663 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

Tgt Ion:127 Resp: 593327

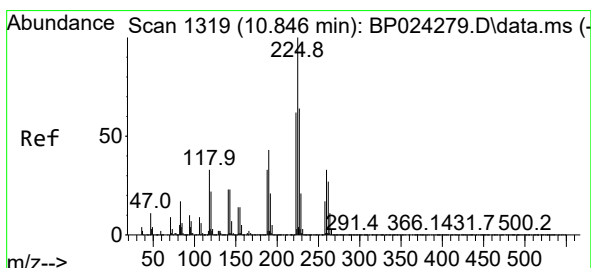
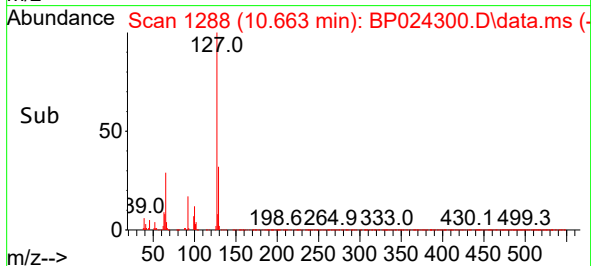
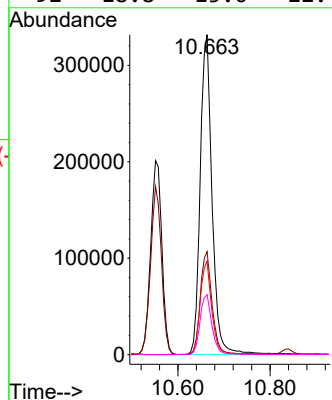
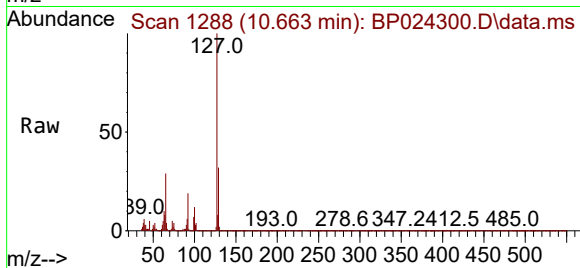
Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

65 29.2 22.1 33.1

92 18.8 15.0 22.4



#34

Hexachlorobutadiene

Concen: 44.300 ng

RT: 10.840 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

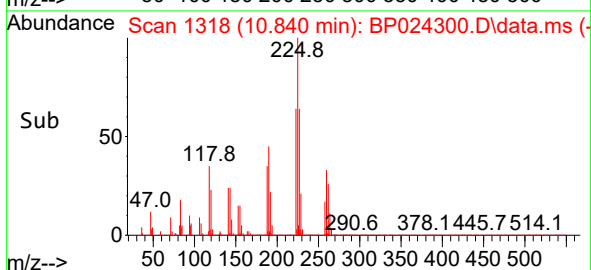
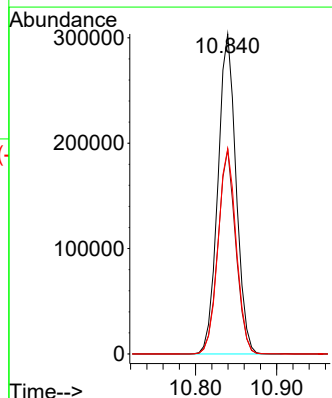
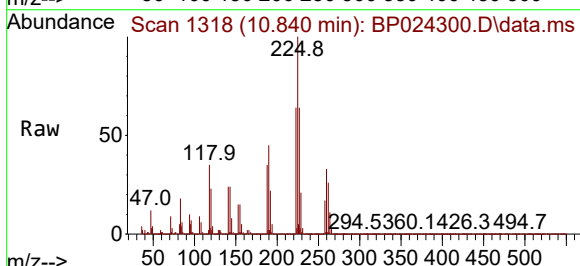
Tgt Ion:225 Resp: 471584

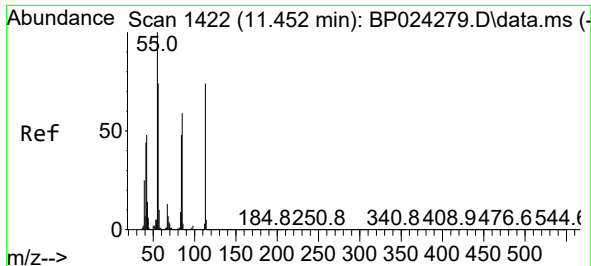
Ion Ratio Lower Upper

225 100

223 63.8 49.5 74.3

227 64.2 50.9 76.3

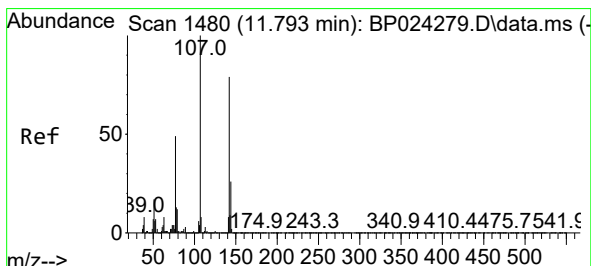
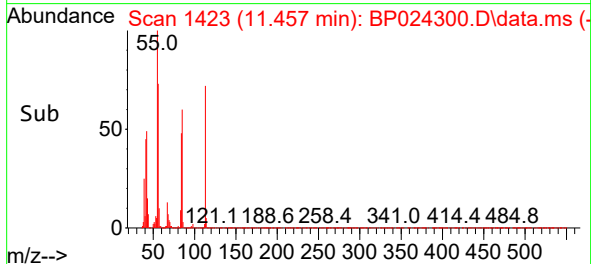
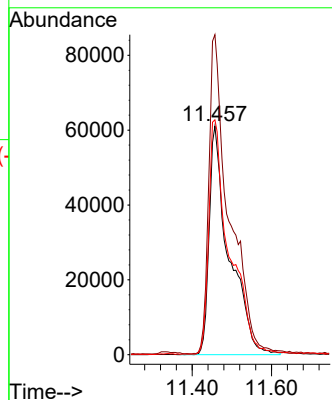
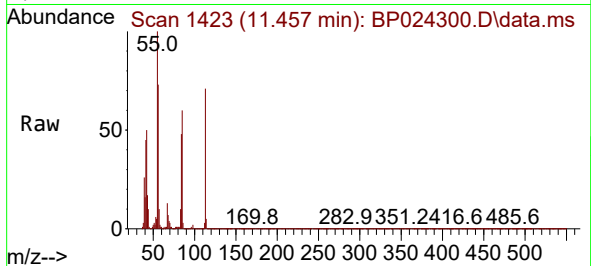




#35
Caprolactam
Concen: 33.932 ng
RT: 11.457 min Scan# 1422
Delta R.T. -0.024 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

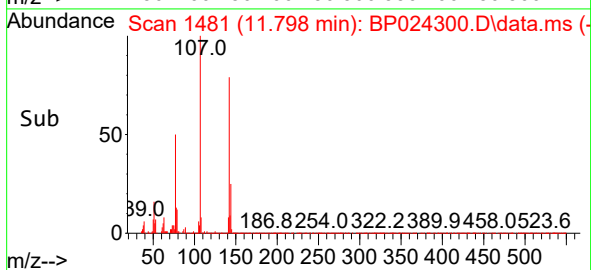
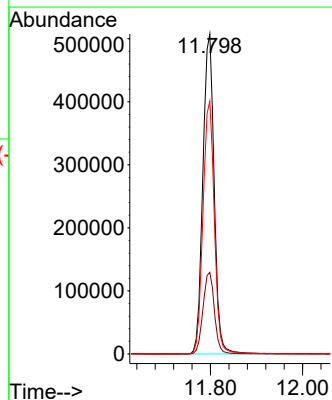
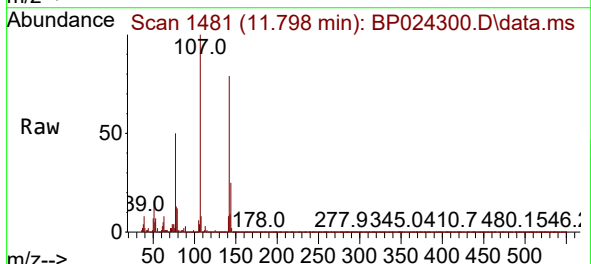
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

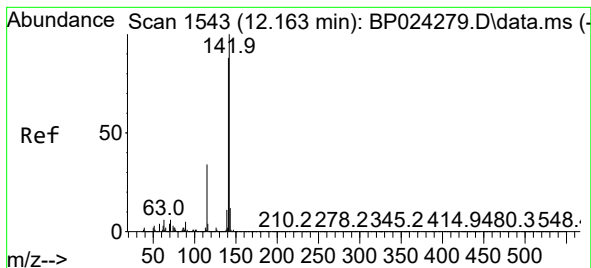
Tgt Ion:113 Resp: 211695
Ion Ratio Lower Upper
113 100
55 140.1 115.9 155.9
56 102.8 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 44.245 ng
RT: 11.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:107 Resp: 871360
Ion Ratio Lower Upper
107 100
144 25.5 20.5 30.7
142 79.0 63.4 95.2





#37

2-Methylnaphthalene

Concen: 38.453 ng

RT: 12.163 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

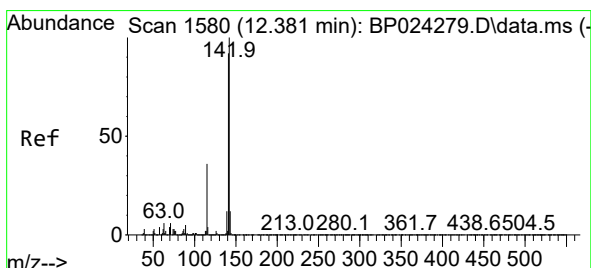
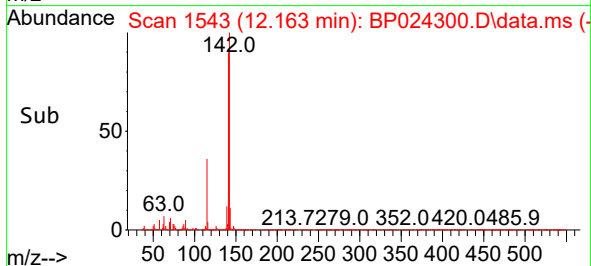
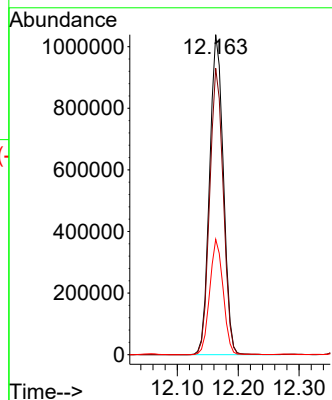
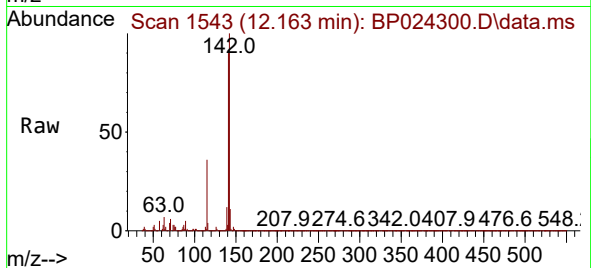
Tgt Ion:142 Resp: 1634071

Ion Ratio Lower Upper

142 100

141 89.5 70.3 105.5

115 36.0 26.9 40.3



#38

1-Methylnaphthalene

Concen: 41.172 ng

RT: 12.387 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

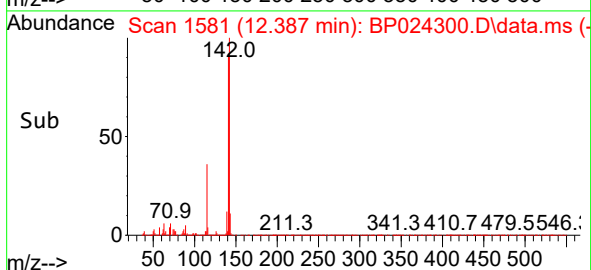
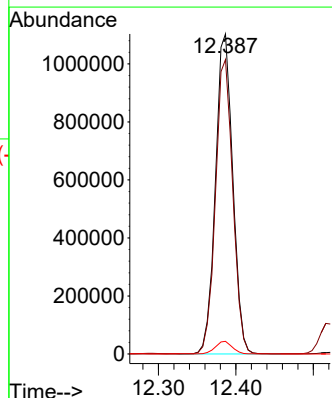
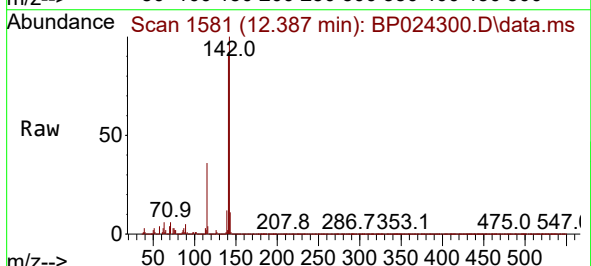
Tgt Ion:142 Resp: 1711576

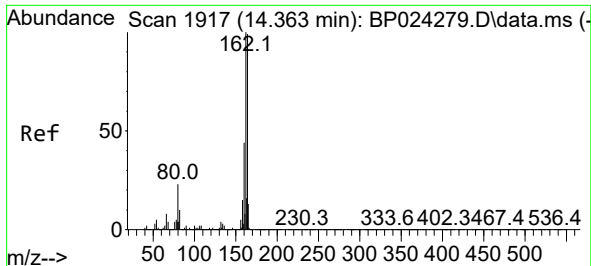
Ion Ratio Lower Upper

142 100

141 92.0 73.6 110.4

116 4.0 3.0 4.6

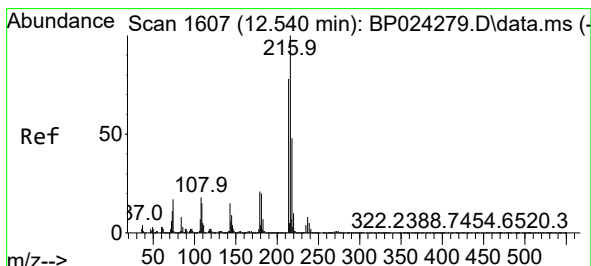
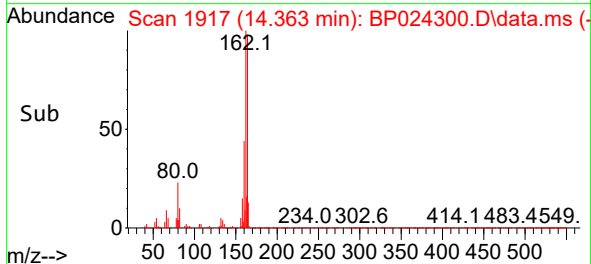
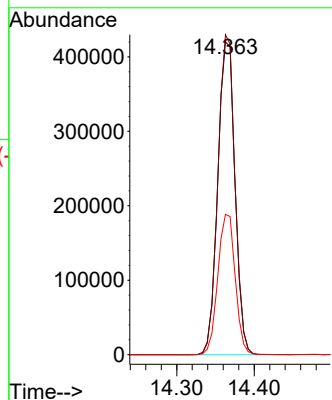
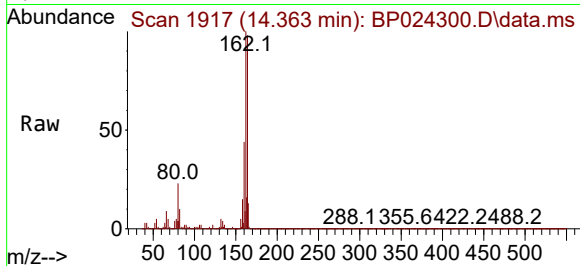




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

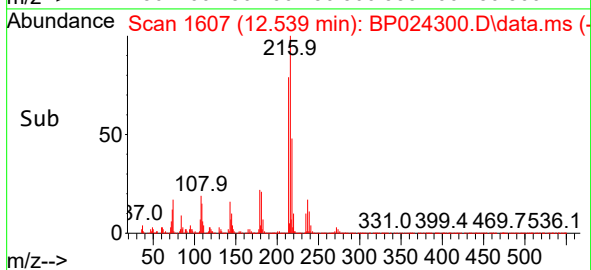
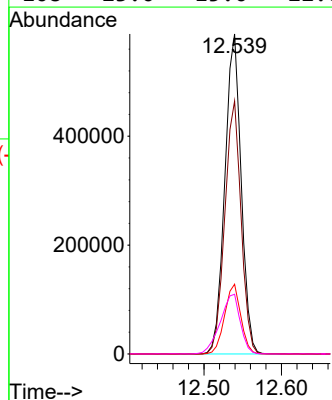
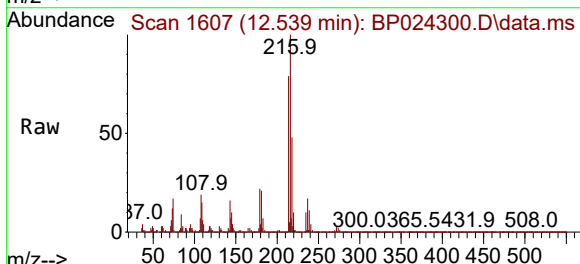
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

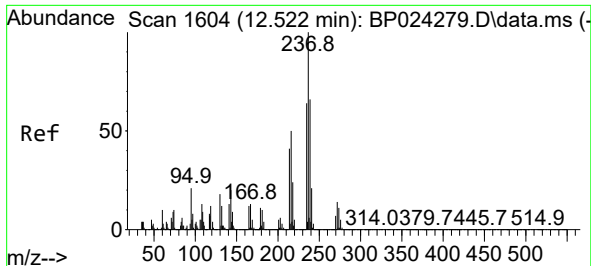
Tgt Ion:164 Resp: 647769
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 44.8 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.251 ng
RT: 12.539 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:216 Resp: 859524
Ion Ratio Lower Upper
216 100
214 78.9 62.6 93.8
179 21.8 17.2 25.8
108 23.0 15.0 22.6#

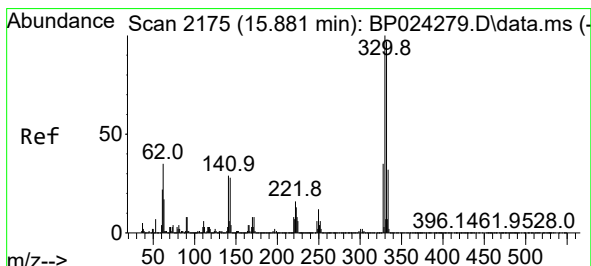
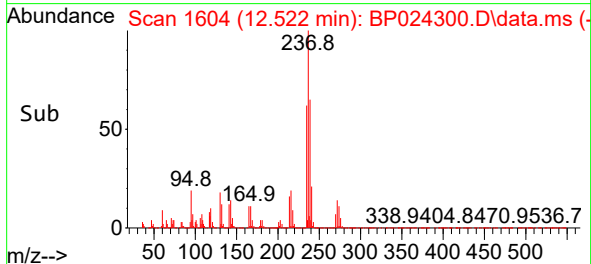
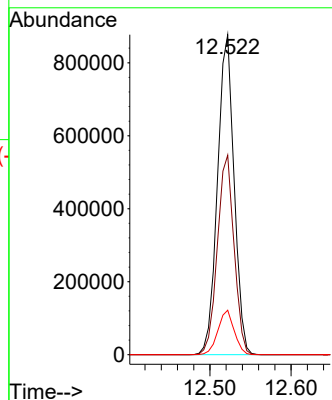
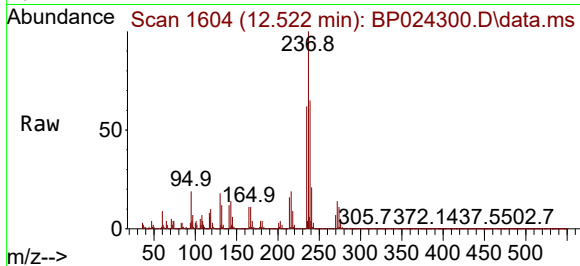




#41
Hexachlorocyclopentadiene
Concen: 197.700 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

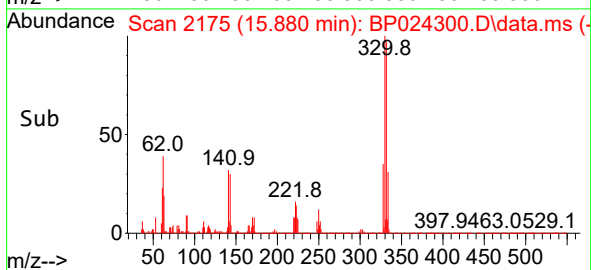
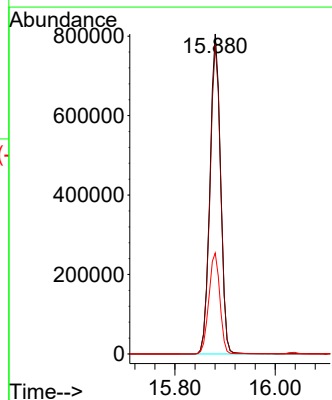
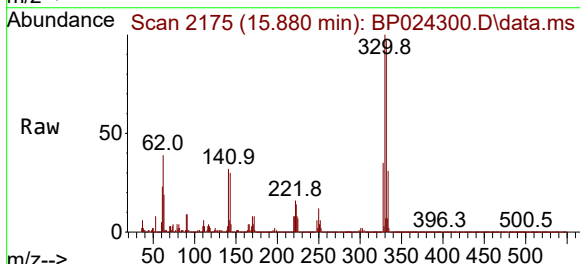
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

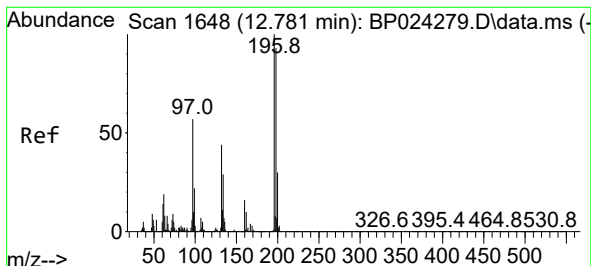
Tgt Ion:237 Resp: 1245560
Ion Ratio Lower Upper
237 100
235 62.4 43.9 83.9
272 13.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 132.637 ng
RT: 15.880 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:330 Resp: 1188721
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 32.5 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 49.560 ng

RT: 12.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

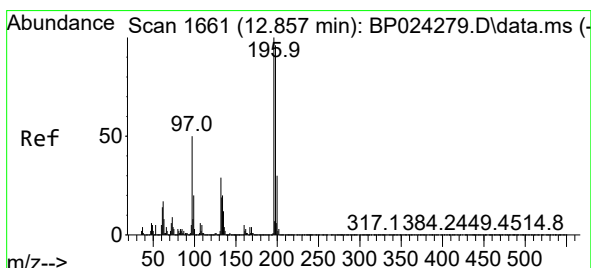
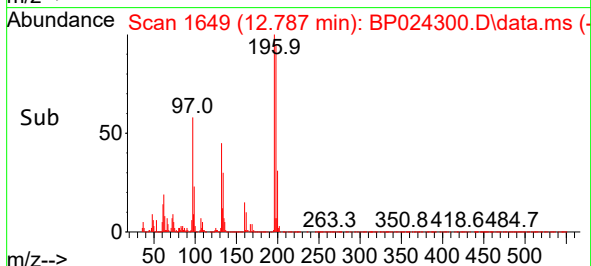
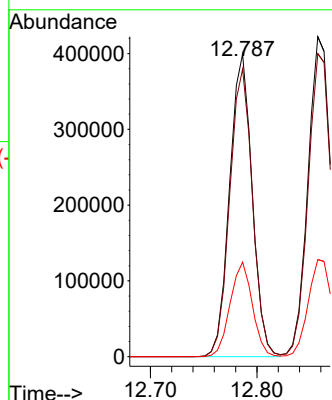
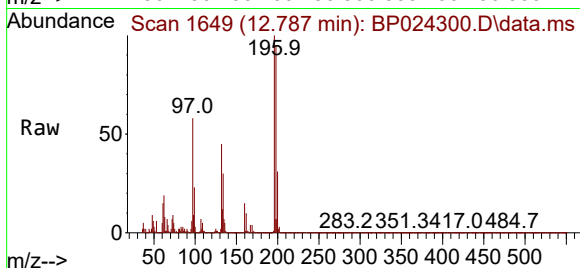
Tgt Ion:196 Resp: 586963

Ion Ratio Lower Upper

196 100

198 95.0 74.3 111.5

200 31.3 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 49.096 ng

RT: 12.857 min Scan# 1661

Delta R.T. -0.012 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Tgt Ion:196 Resp: 643899

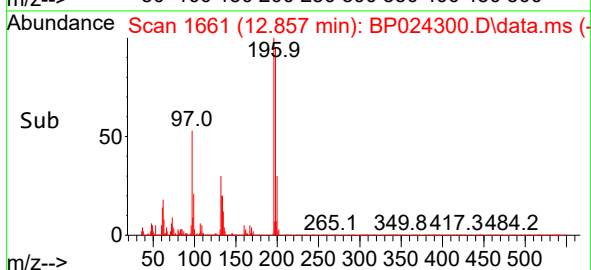
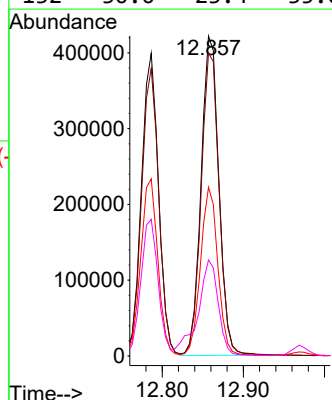
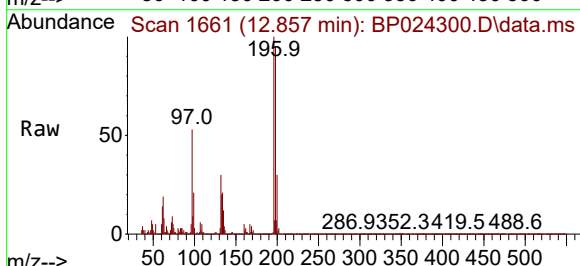
Ion Ratio Lower Upper

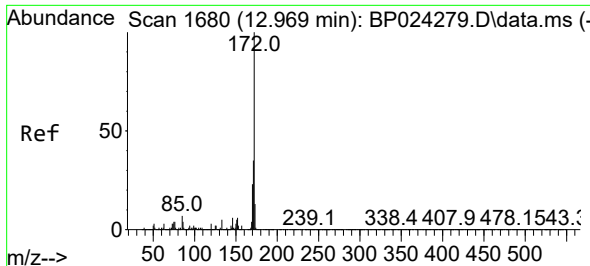
196 100

198 94.7 77.3 115.9

97 52.8 40.4 60.6

132 30.0 23.4 35.0

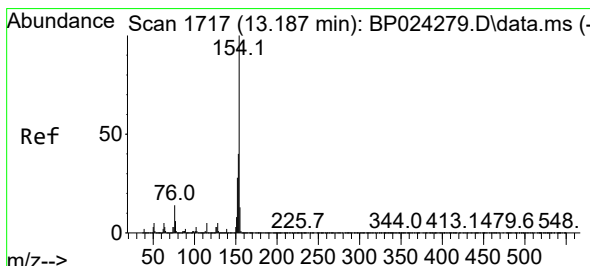
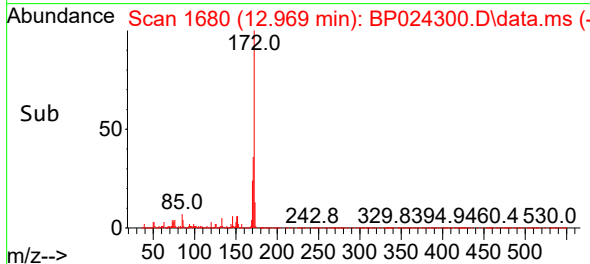
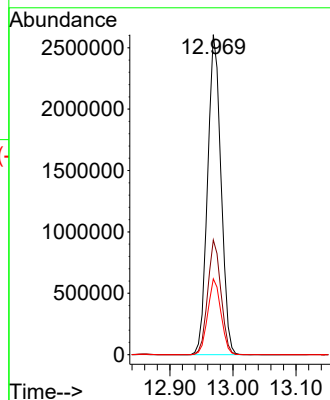
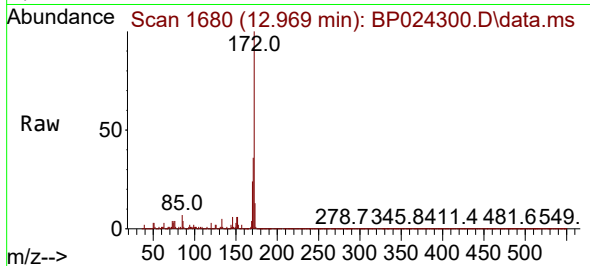




#45
2-Fluorobiphenyl
Concen: 90.816 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

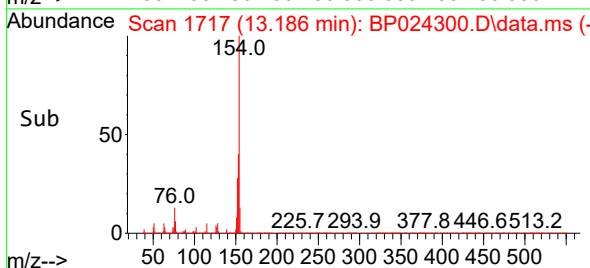
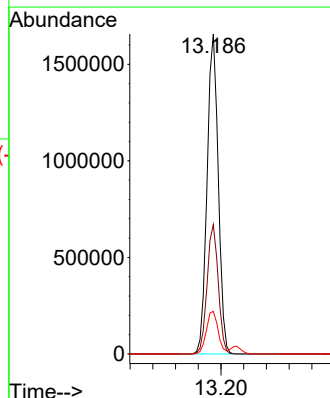
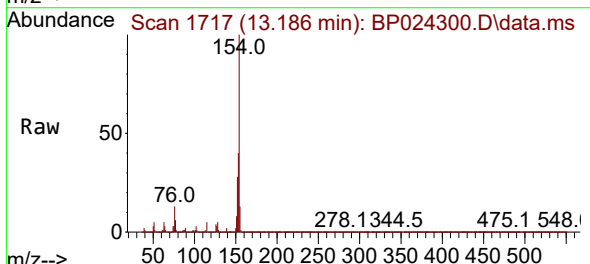
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

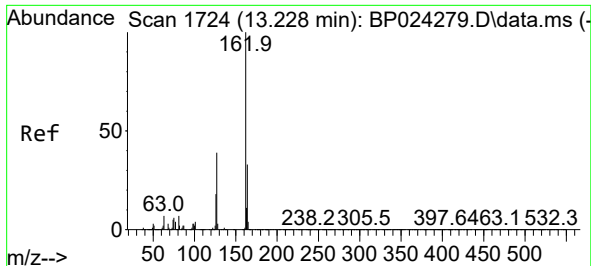
Tgt Ion:172 Resp: 3842151
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 47.244 ng
RT: 13.186 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:154 Resp: 2249475
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 13.3 0.0 33.5

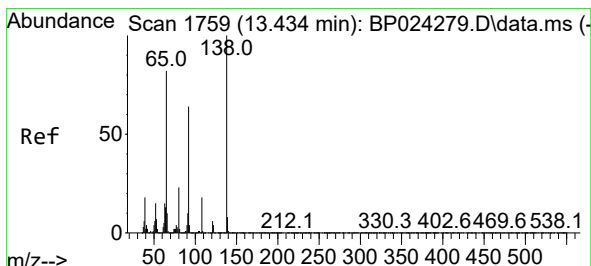
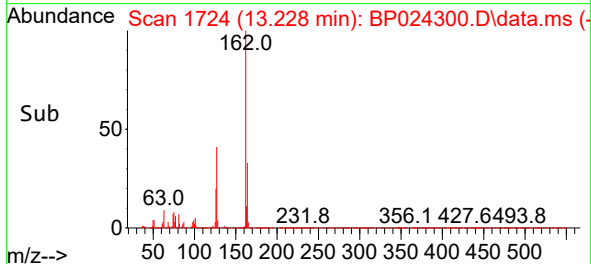
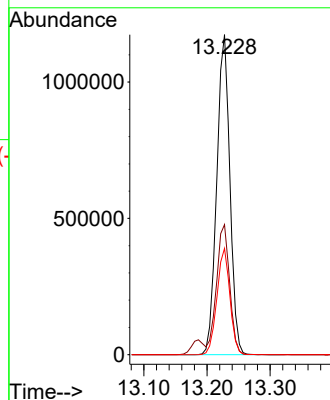
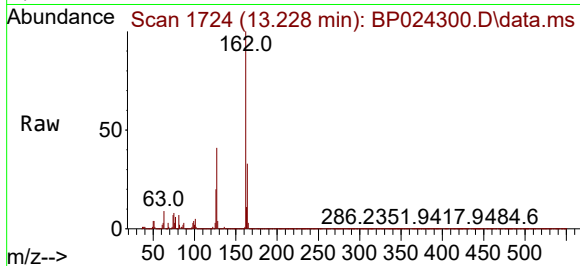




#47
2-Chloronaphthalene
Concen: 47.522 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

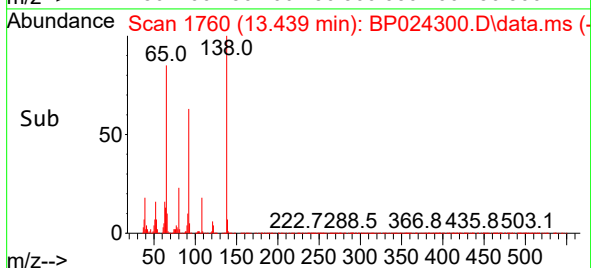
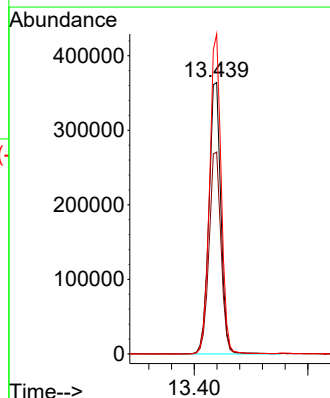
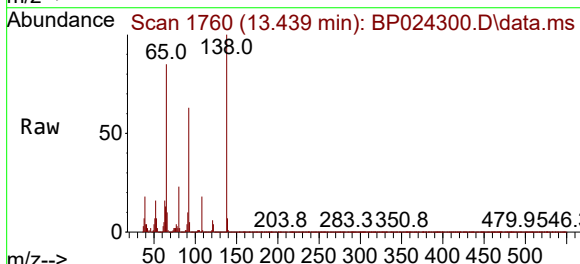
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

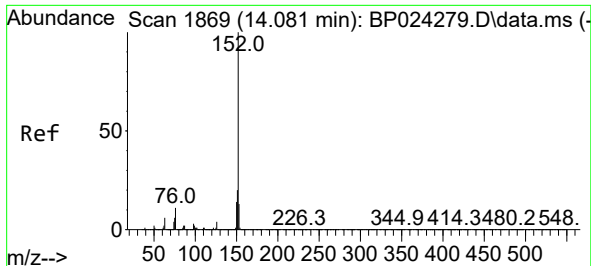
Tgt Ion:162 Resp: 1691122
Ion Ratio Lower Upper
162 100
127 40.6 31.9 47.9
164 33.2 26.2 39.4



#48
2-Nitroaniline
Concen: 52.987 ng
RT: 13.439 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion: 65 Resp: 528928
Ion Ratio Lower Upper
65 100
92 74.4 62.3 93.5
138 117.8 97.2 145.8

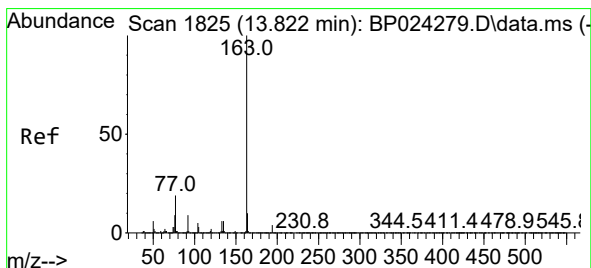
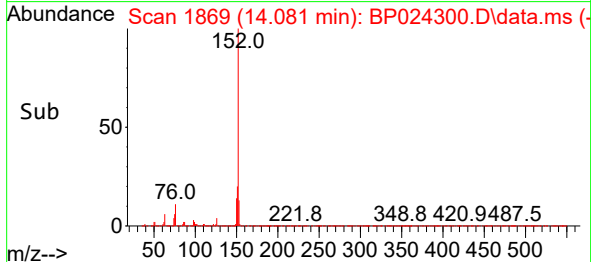
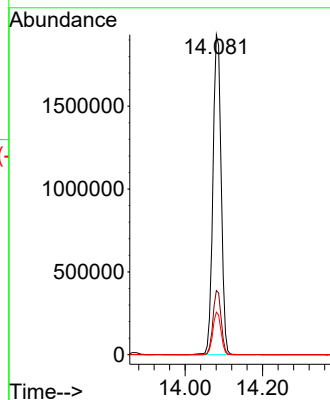
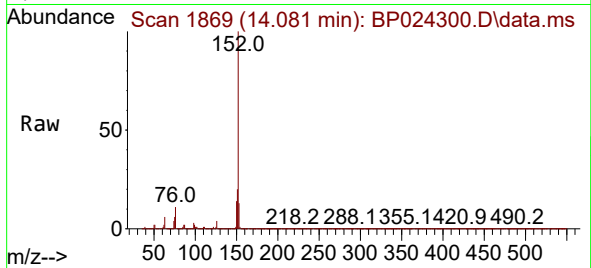




#49
Acenaphthylene
Concen: 50.819 ng
RT: 14.081 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

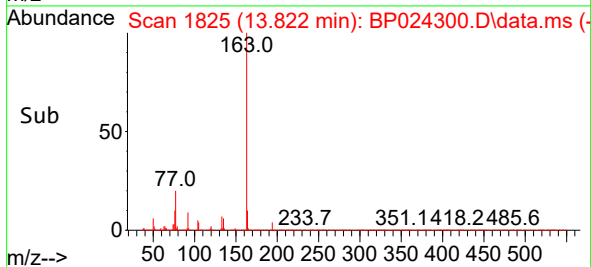
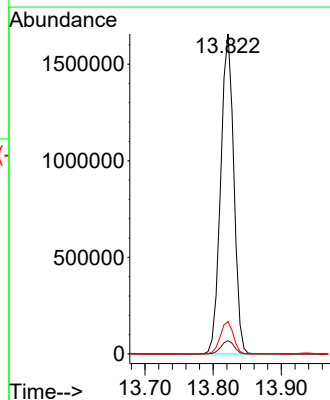
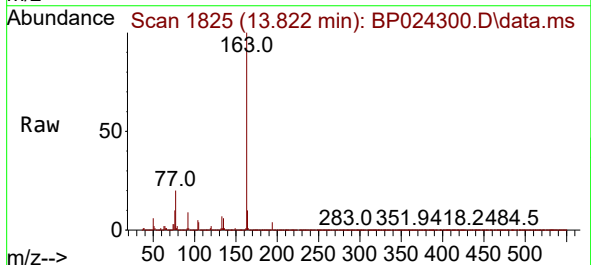
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

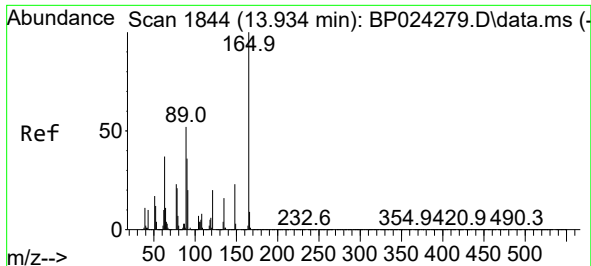
Tgt Ion:152 Resp: 2847287
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 47.132 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:163 Resp: 2220240
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.1 8.0 12.0

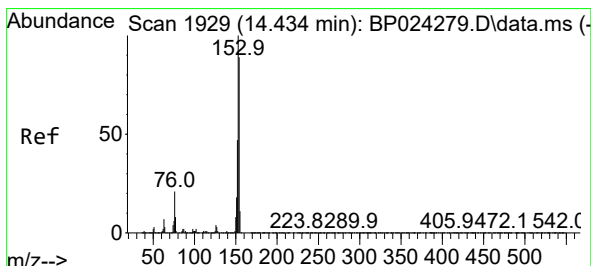
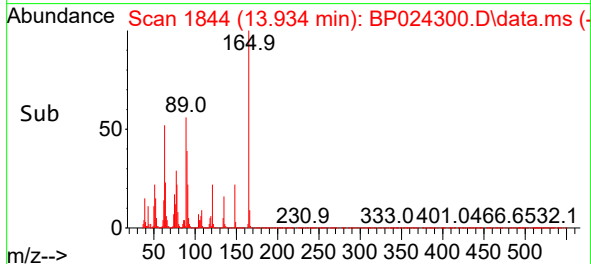
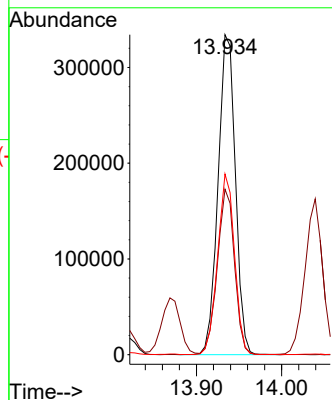
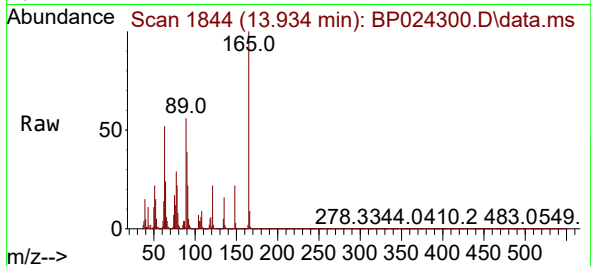




#51
2,6-Dinitrotoluene
Concen: 47.208 ng
RT: 13.934 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

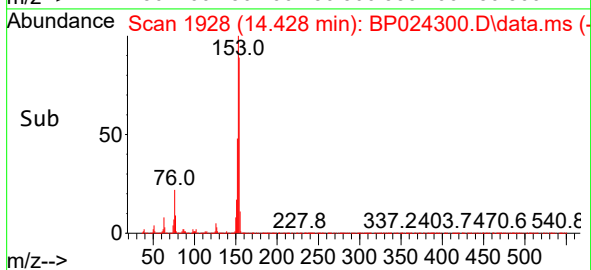
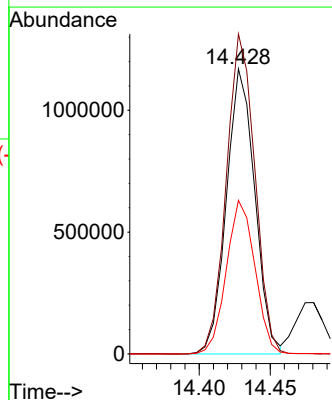
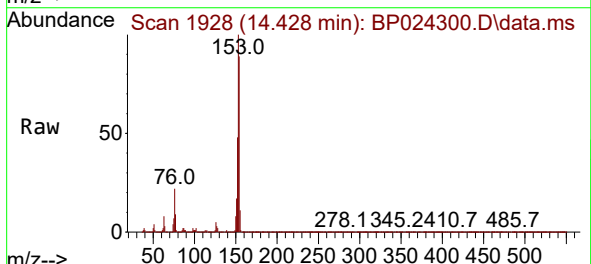
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

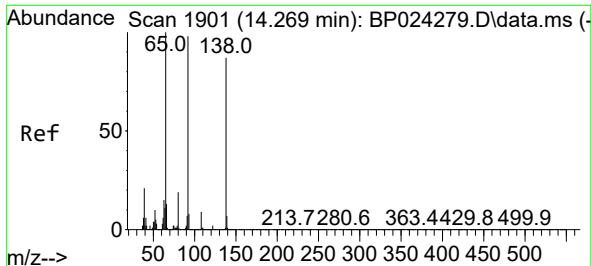
Tgt Ion:165 Resp: 472222
Ion Ratio Lower Upper
165 100
63 51.7 38.0 57.0
89 56.5 41.7 62.5



#52
Acenaphthene
Concen: 45.829 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:154 Resp: 1627836
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.6
152 53.9 42.6 63.8

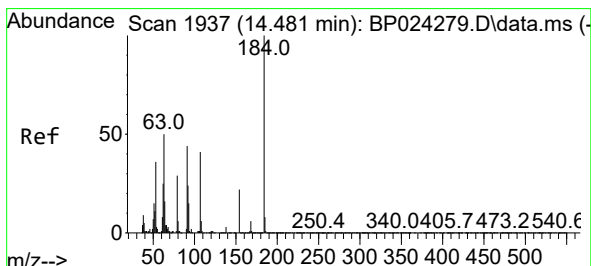
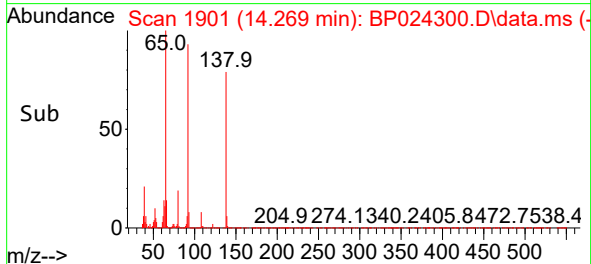
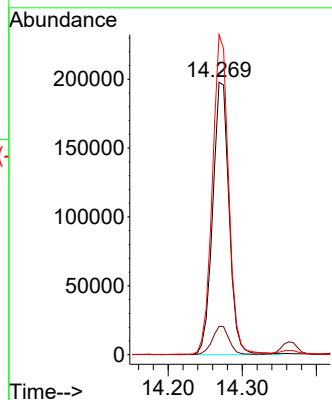
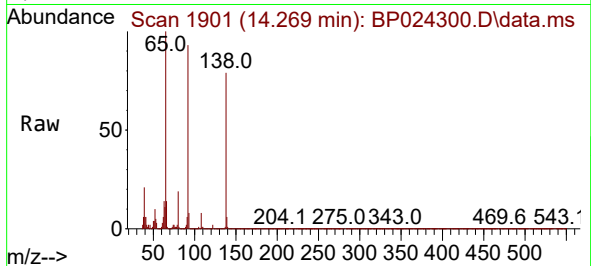




#53
3-Nitroaniline
Concen: 28.841 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

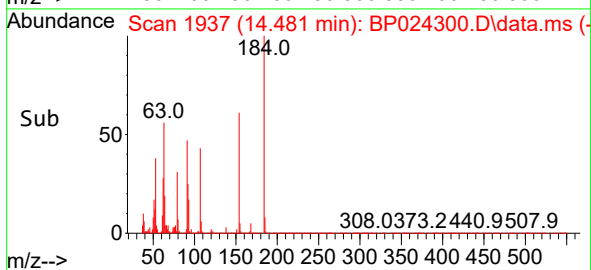
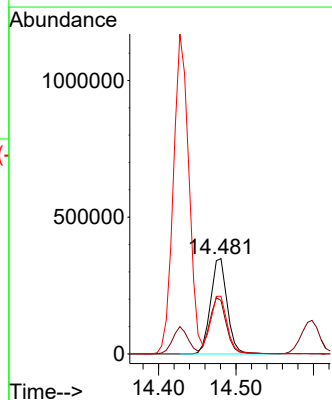
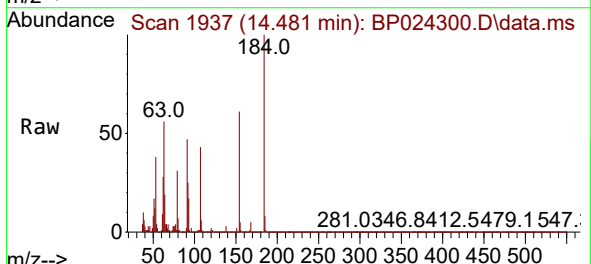
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

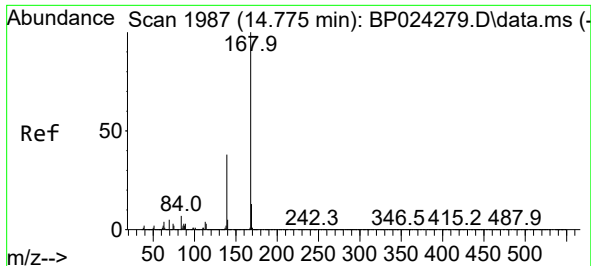
Tgt Ion:138 Resp: 303212
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 117.5 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 88.341 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:184 Resp: 520529
Ion Ratio Lower Upper
184 100
63 56.0 42.6 64.0
154 60.6 47.2 70.8

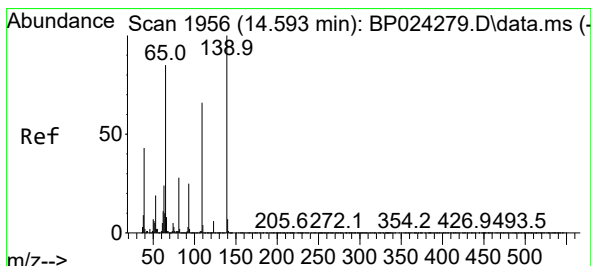
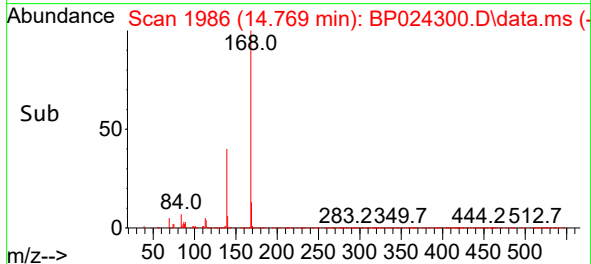
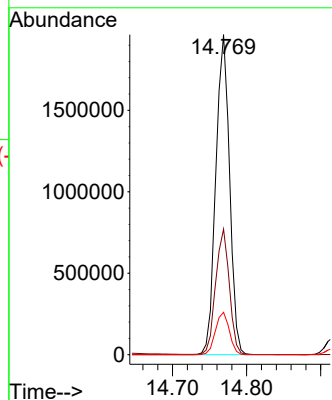
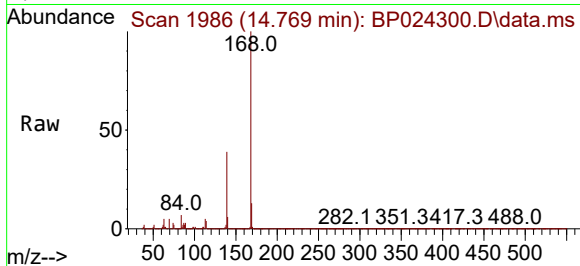




#55
Dibenzofuran
Concen: 43.526 ng
RT: 14.769 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

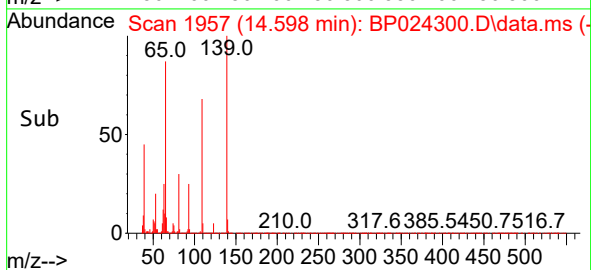
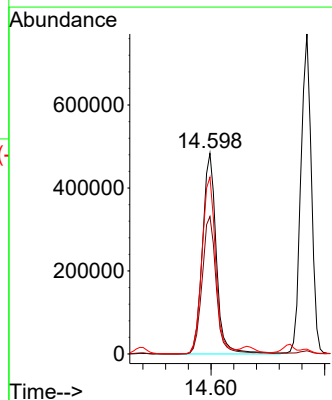
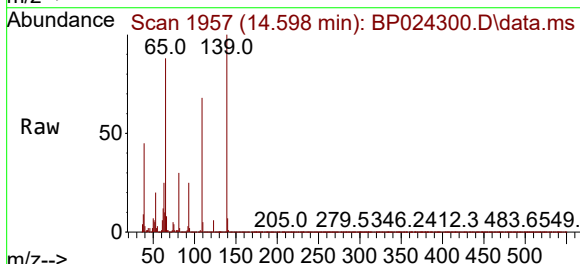
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

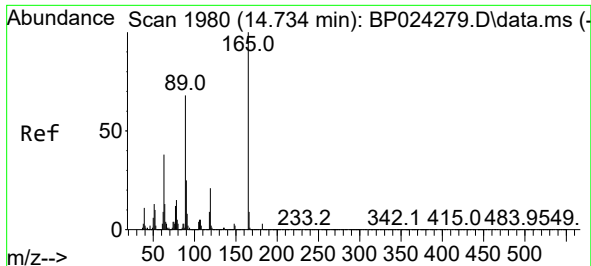
Tgt Ion:168 Resp: 2527102
Ion Ratio Lower Upper
168 100
139 39.3 30.3 45.5
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 90.160 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:139 Resp: 818643
Ion Ratio Lower Upper
139 100
109 68.5 46.1 86.1
65 88.1 65.0 105.0

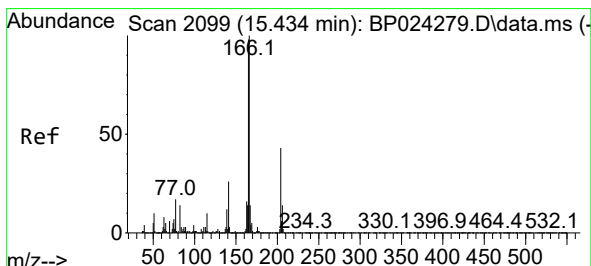
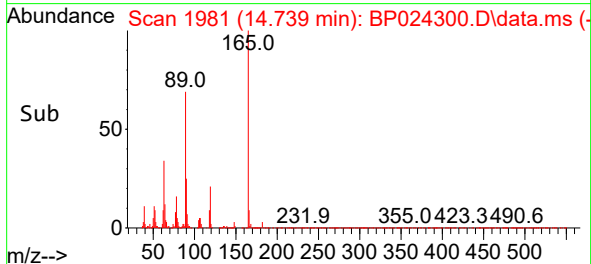
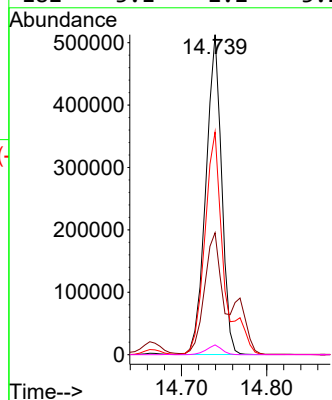
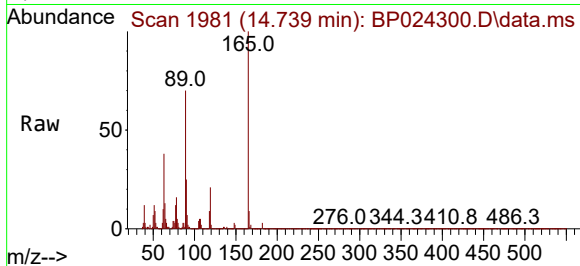




#57
2,4-Dinitrotoluene
Concen: 48.266 ng
RT: 14.739 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

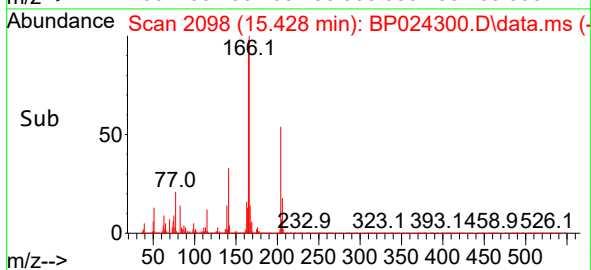
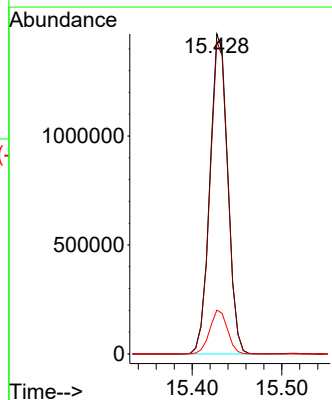
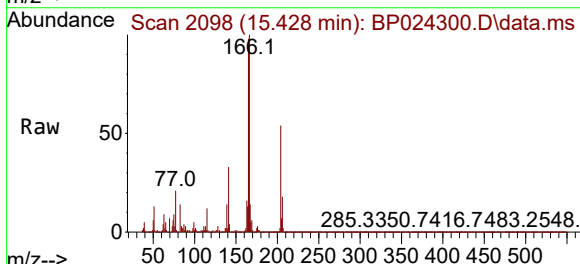
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

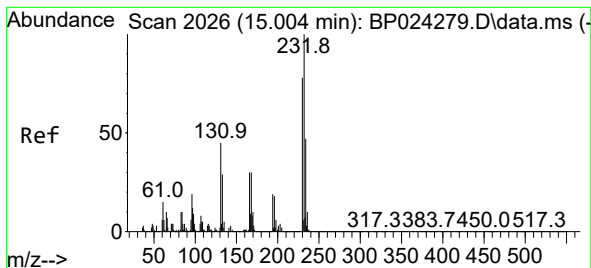
Tgt Ion:165 Resp: 658608
Ion Ratio Lower Upper
165 100
63 38.1 30.4 45.6
89 69.6 54.6 82.0
182 3.1 2.2 3.2



#58
Fluorene
Concen: 45.160 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:166 Resp: 2029781
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.7 10.9 16.3

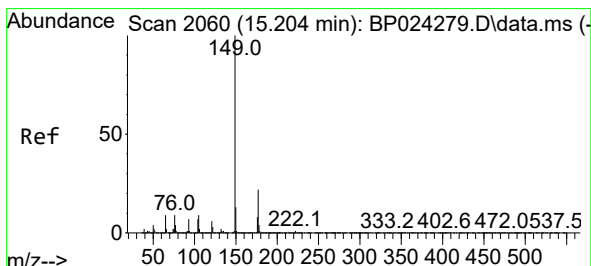
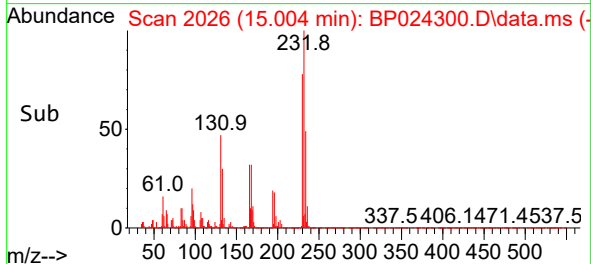
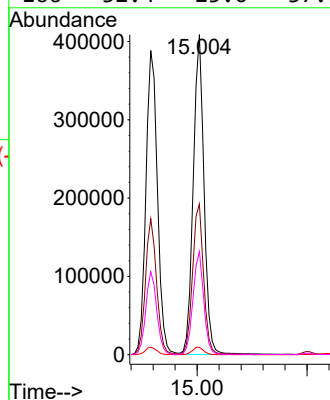
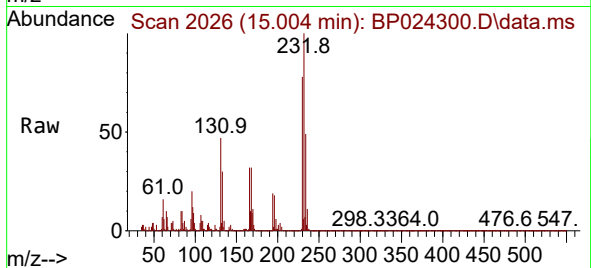




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.786 ng
RT: 15.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

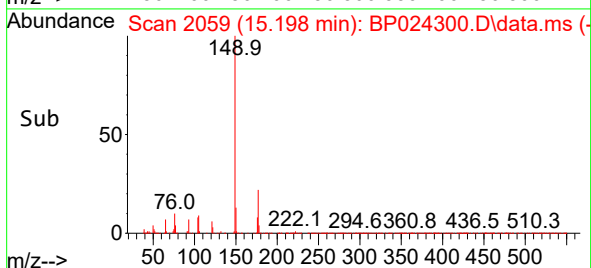
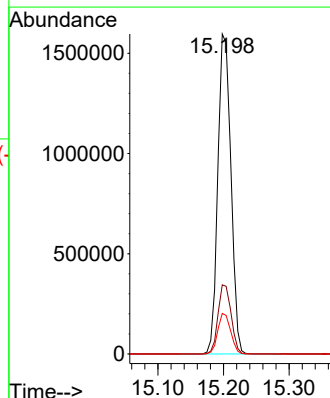
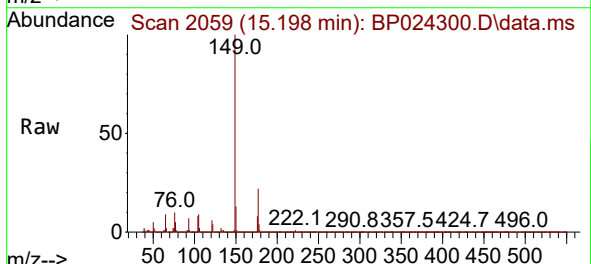
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

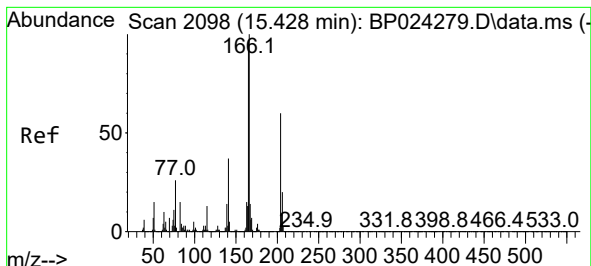
Tgt Ion:232 Resp: 553842
Ion Ratio Lower Upper
232 100
131 48.4 36.8 55.2
130 2.5 1.9 2.9
166 32.4 25.0 37.6



#60
Diethylphthalate
Concen: 45.297 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.024 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:149 Resp: 2198915
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.7 10.1 15.1

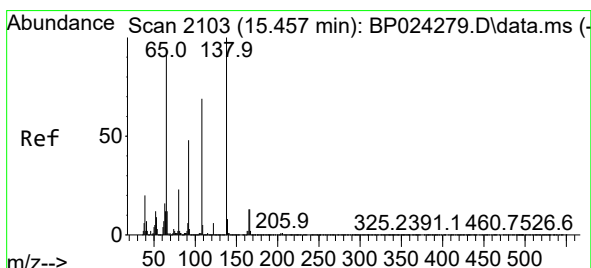
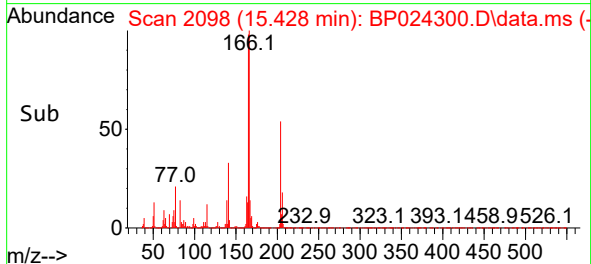
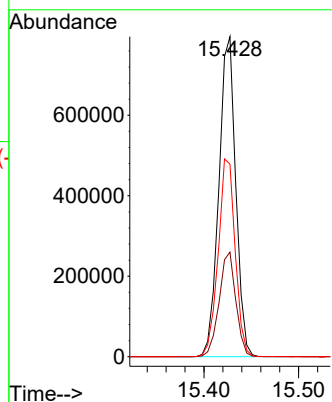
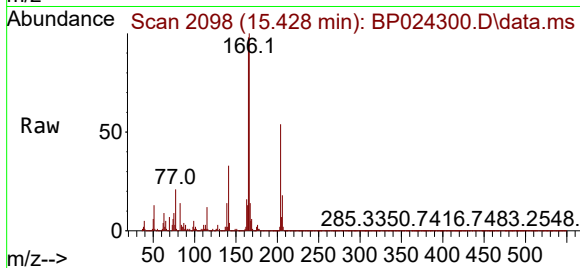




#61
4-Chlorophenyl-phenylether
Concen: 45.224 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

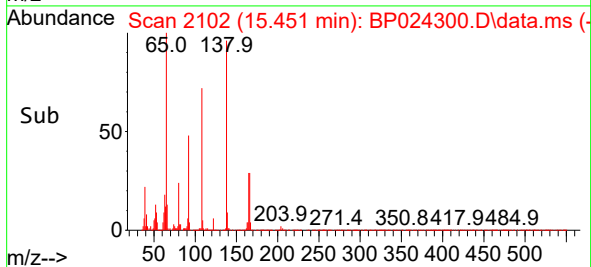
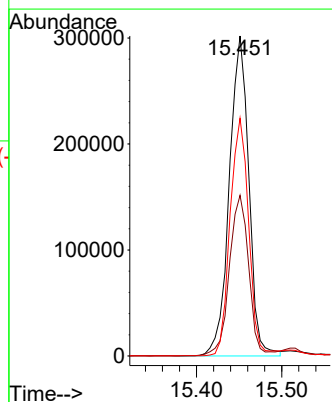
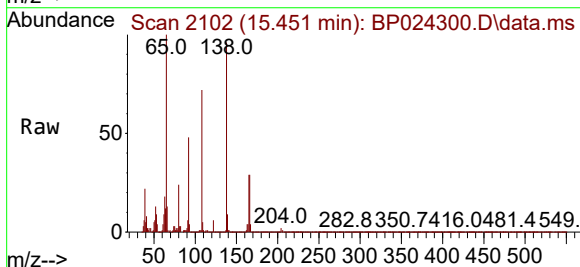
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

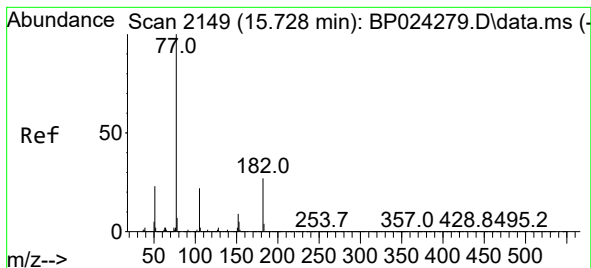
Tgt Ion:204 Resp: 987059
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 60.2 49.4 74.0



#62
4-Nitroaniline
Concen: 43.094 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.018 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:138 Resp: 479616
Ion Ratio Lower Upper
138 100
92 50.2 27.8 67.8
108 74.3 48.9 88.9





#63

Azobenzene

Concen: 46.539 ng

RT: 15.728 min Scan# 2149

Delta R.T. -0.012 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 2076507

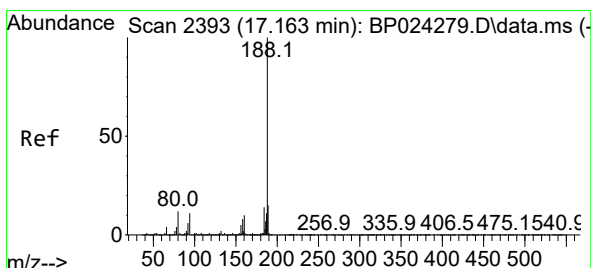
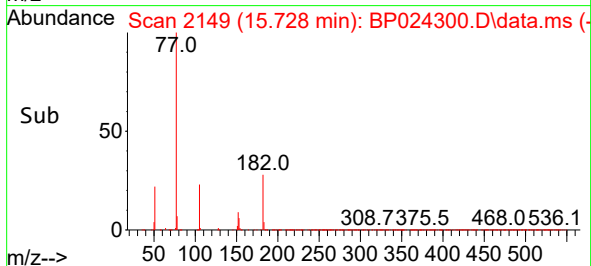
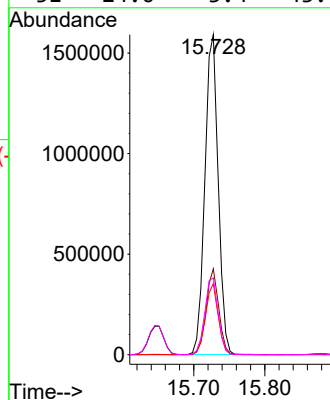
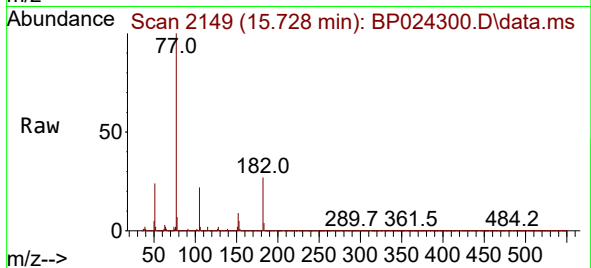
Ion Ratio Lower Upper

77 100

182 26.9 7.3 47.3

105 22.2 2.3 42.3

51 24.0 3.4 43.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.169 min Scan# 2394

Delta R.T. -0.012 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

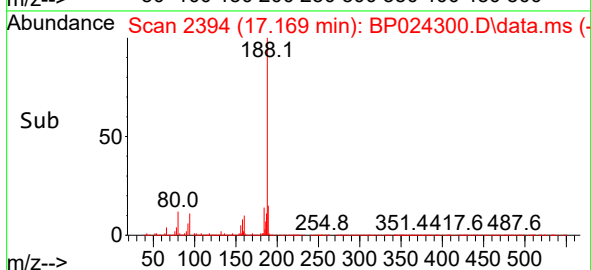
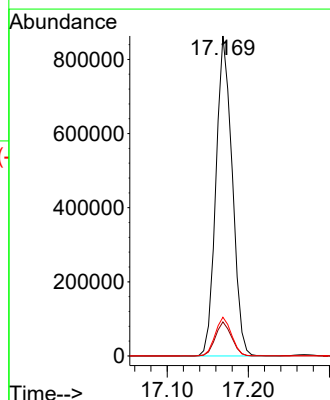
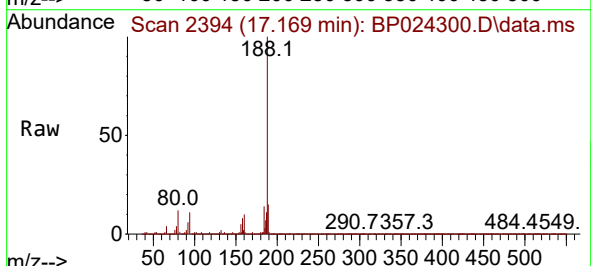
Tgt Ion: 188 Resp: 1200888

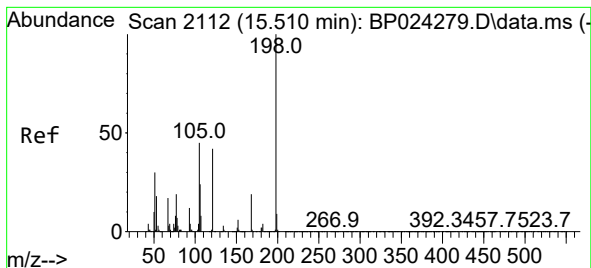
Ion Ratio Lower Upper

188 100

94 10.7 8.6 13.0

80 12.1 9.8 14.6

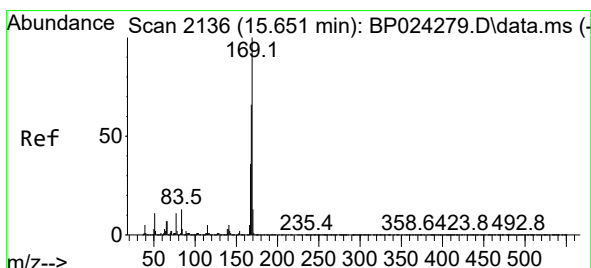
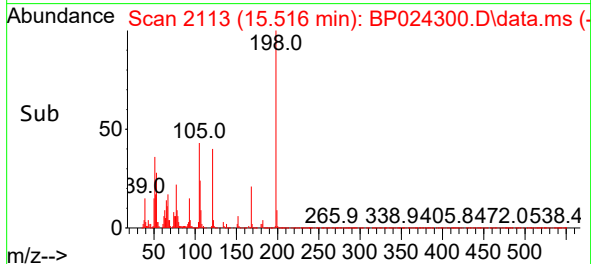
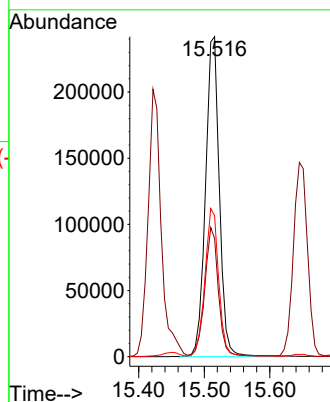
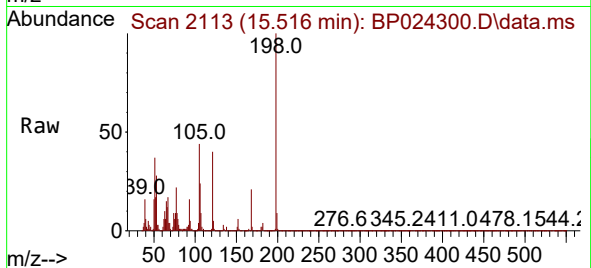




#65
4,6-Dinitro-2-methylphenol
Concen: 46.991 ng
RT: 15.516 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

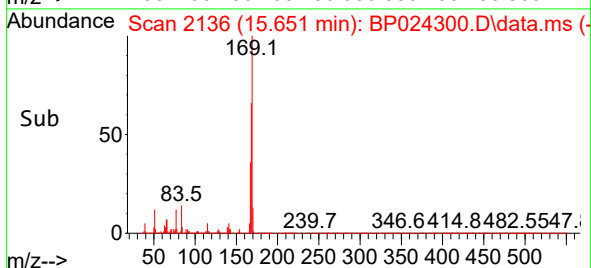
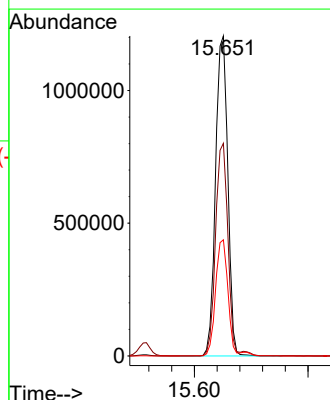
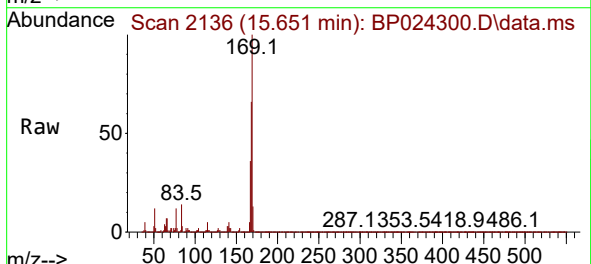
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

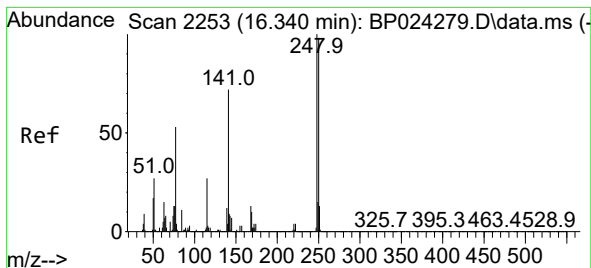
Tgt Ion:198 Resp: 355779
Ion Ratio Lower Upper
198 100
51 37.0 18.4 58.4
105 44.1 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 50.059 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:169 Resp: 1794310
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 36.3 28.9 43.3





#67

4-Bromophenyl-phenylether

Concen: 49.105 ng

RT: 16.345 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

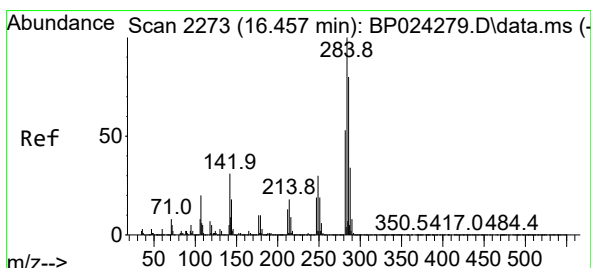
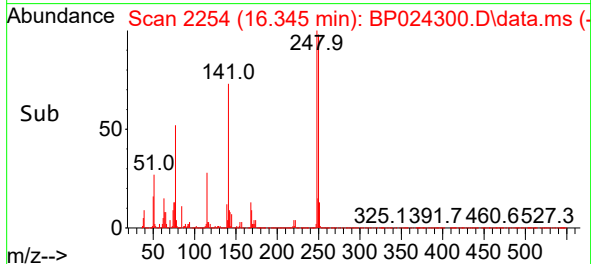
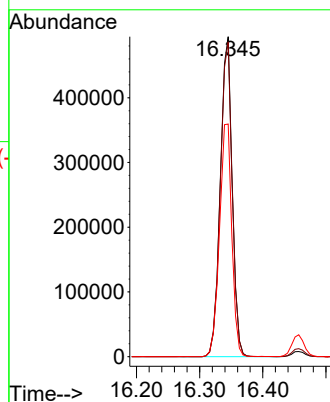
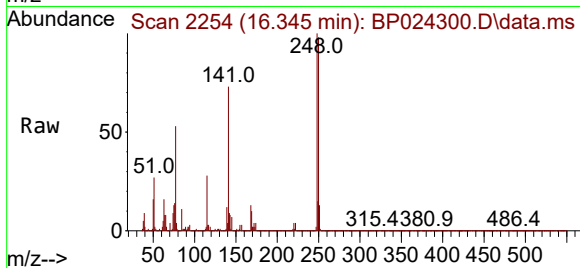
Tgt Ion:248 Resp: 644935

Ion Ratio Lower Upper

248 100

250 98.4 78.2 117.4

141 72.7 57.7 86.5



#68

Hexachlorobenzene

Concen: 48.453 ng

RT: 16.457 min Scan# 2273

Delta R.T. -0.012 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

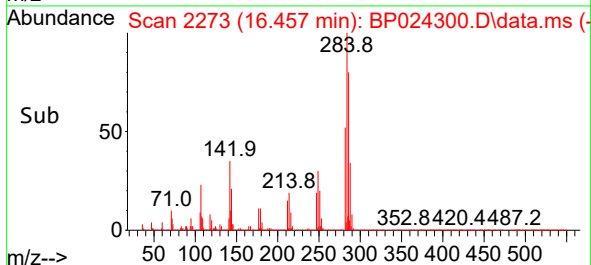
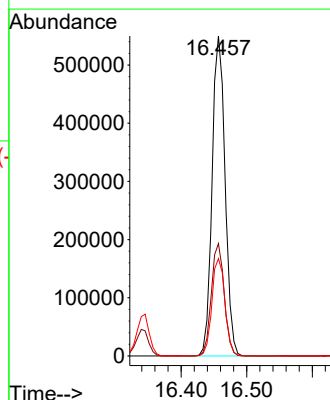
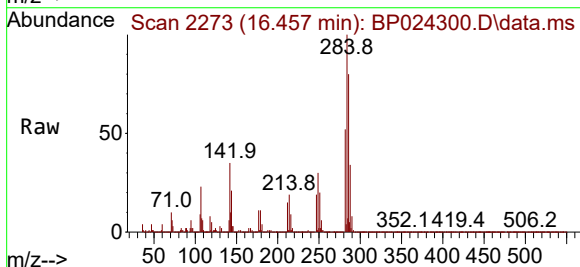
Tgt Ion:284 Resp: 756190

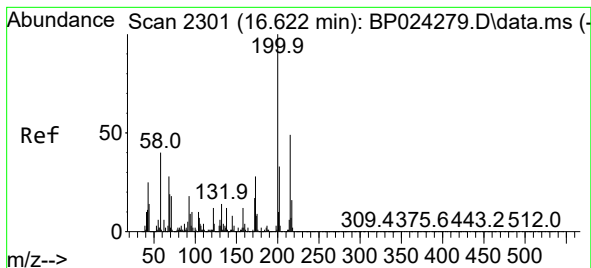
Ion Ratio Lower Upper

284 100

142 35.2 24.6 37.0

249 30.4 23.8 35.6





#69

Atrazine

Concen: 66.965 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

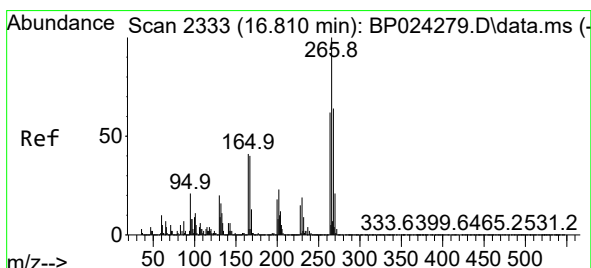
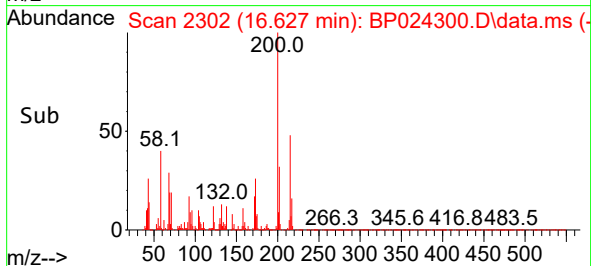
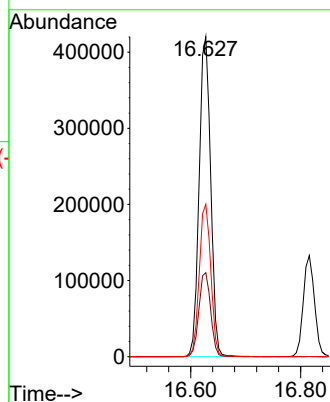
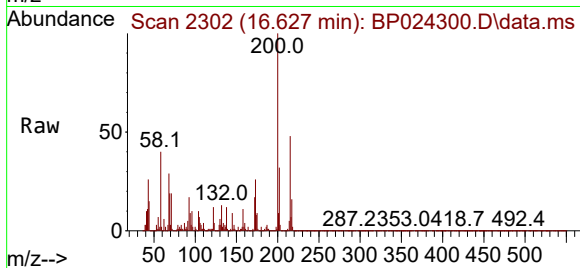
Tgt Ion:200 Resp: 611332

Ion Ratio Lower Upper

200 100

173 26.3 7.5 47.5

215 47.6 28.8 68.8



#70

Pentachlorophenol

Concen: 95.700 ng

RT: 16.816 min Scan# 2334

Delta R.T. -0.012 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

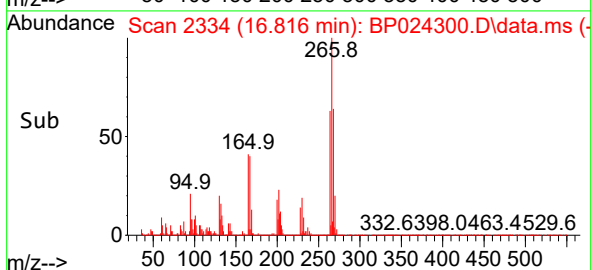
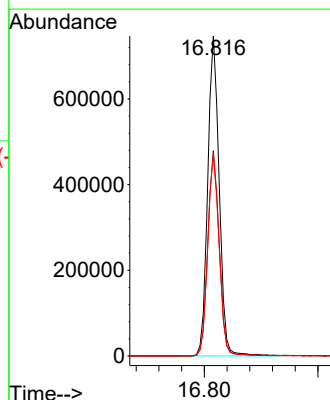
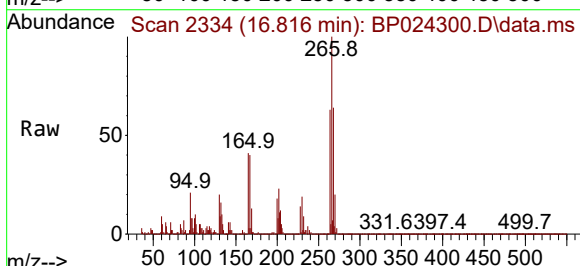
Tgt Ion:266 Resp: 1041952

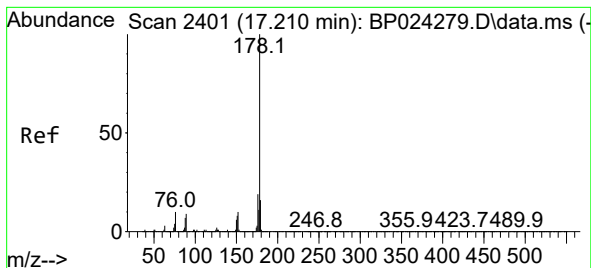
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.6

264 63.1 49.8 74.6





#71

Phenanthrene

Concen: 47.922 ng

RT: 17.216 min Scan# 2401

Delta R.T. -0.012 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

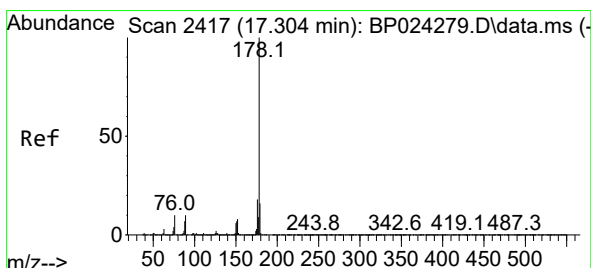
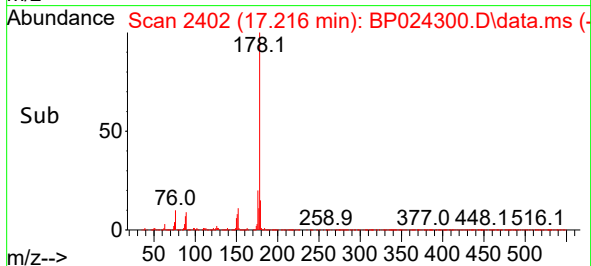
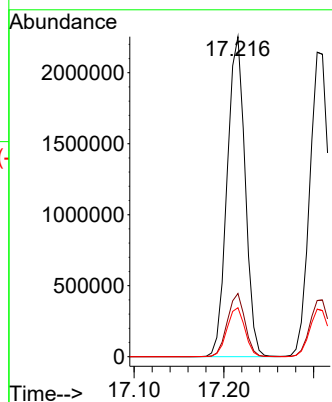
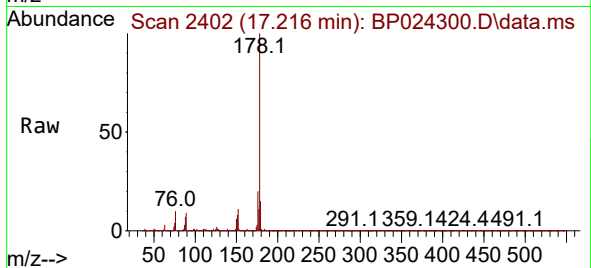
Tgt Ion:178 Resp: 3139463

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

179 15.3 12.5 18.7



#72

Anthracene

Concen: 50.620 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

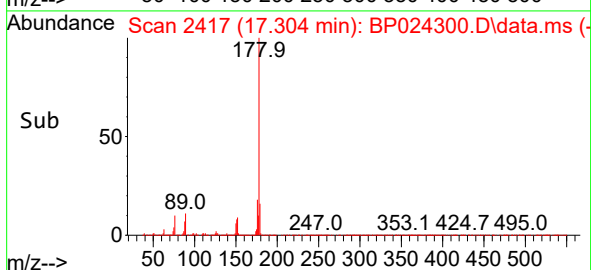
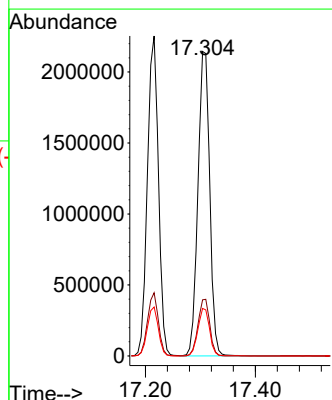
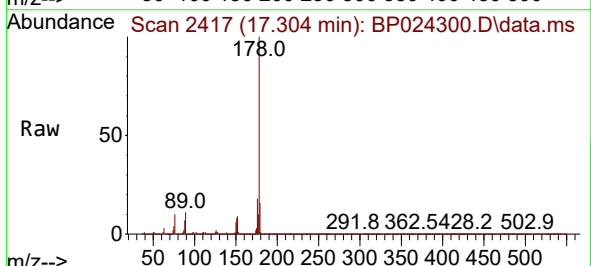
Tgt Ion:178 Resp: 3196110

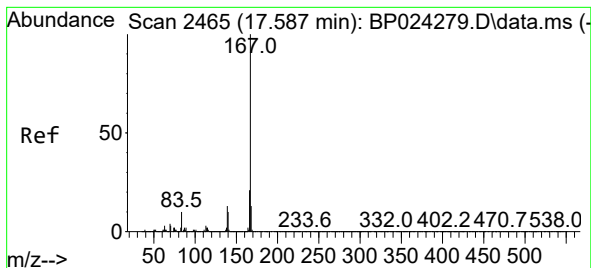
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.6 12.4 18.6





#73

Carbazole

Concen: 48.080 ng

RT: 17.592 min Scan# 2466

Delta R.T. -0.012 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

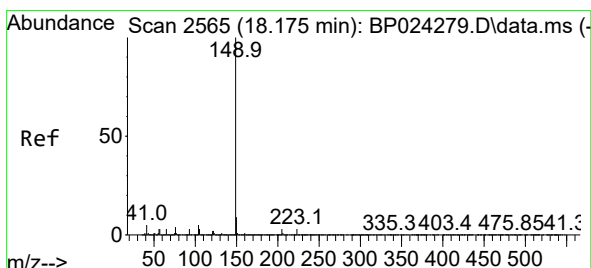
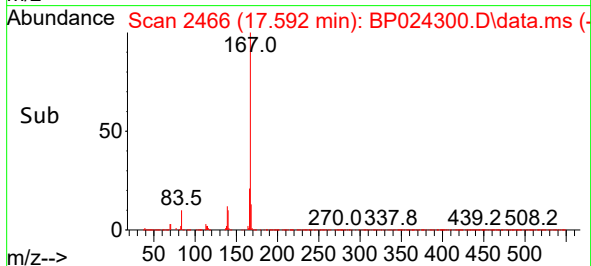
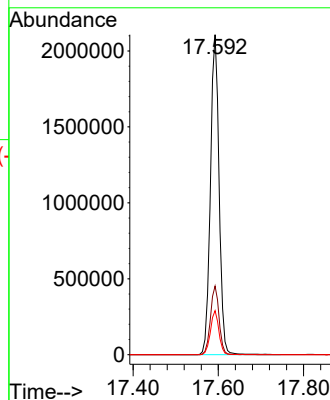
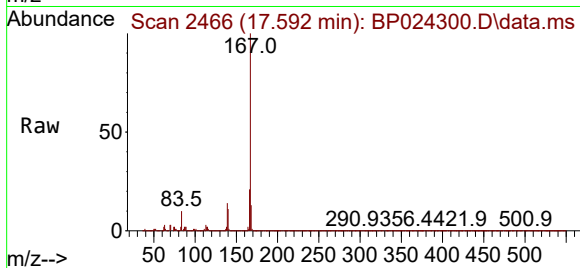
Tgt Ion:167 Resp: 2966198

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 49.229 ng

RT: 18.180 min Scan# 2566

Delta R.T. -0.012 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

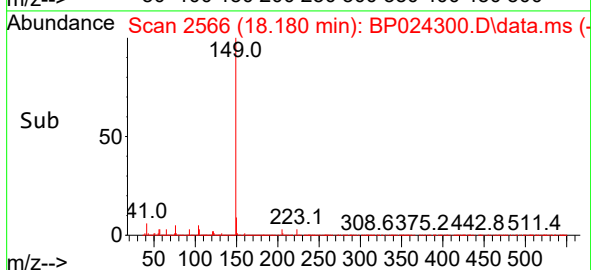
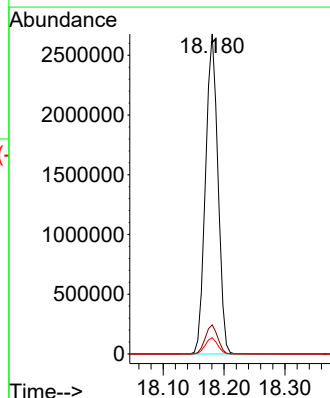
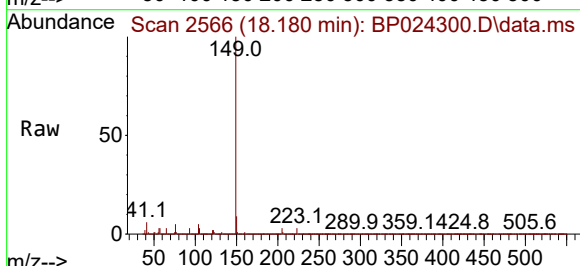
Tgt Ion:149 Resp: 3783802

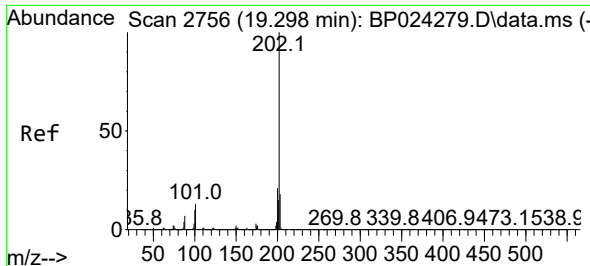
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.1 3.9 5.9

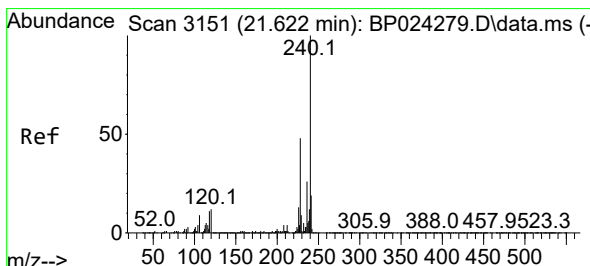
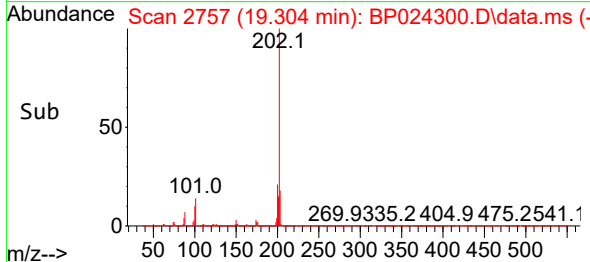
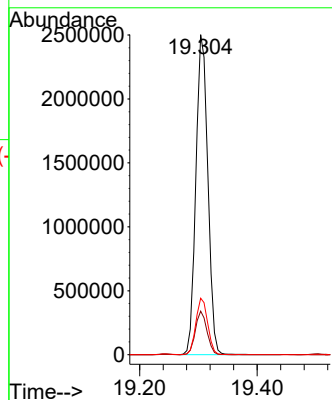
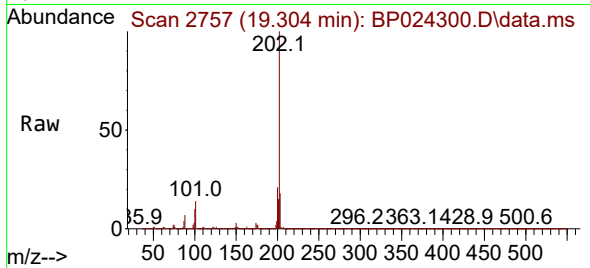




#75
Fluoranthene
Concen: 45.305 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

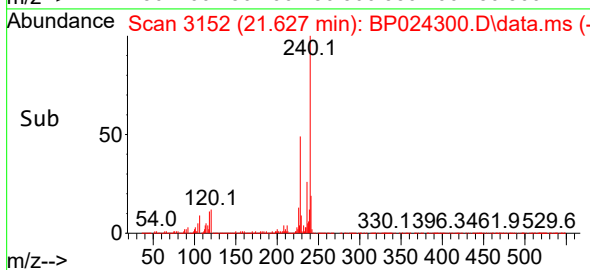
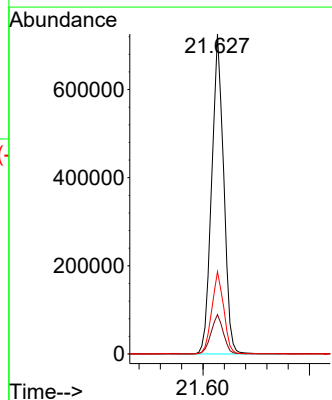
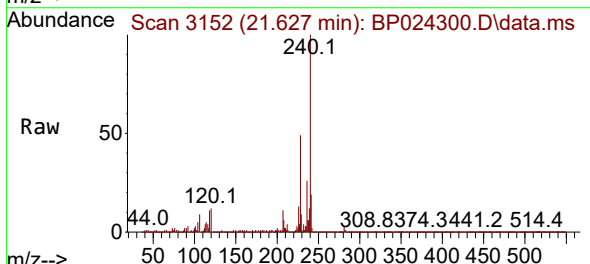
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

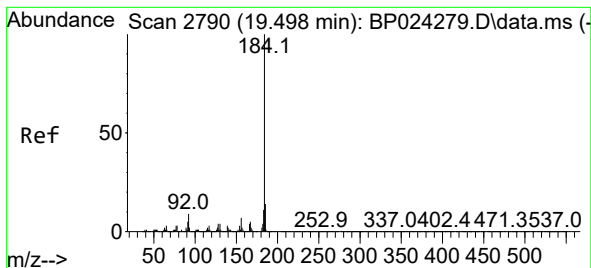
Tgt Ion:202 Resp: 3529945
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:240 Resp: 1136139
Ion Ratio Lower Upper
240 100
120 12.3 9.8 14.8
236 25.7 20.9 31.3





#77

Benzidine

Concen: 80.716 ng

RT: 19.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

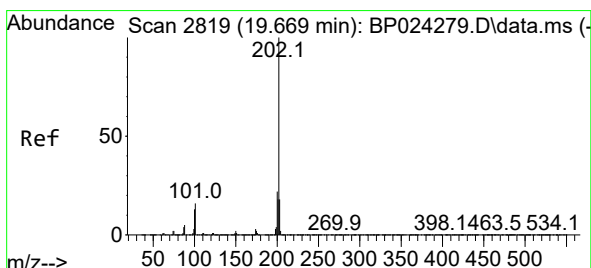
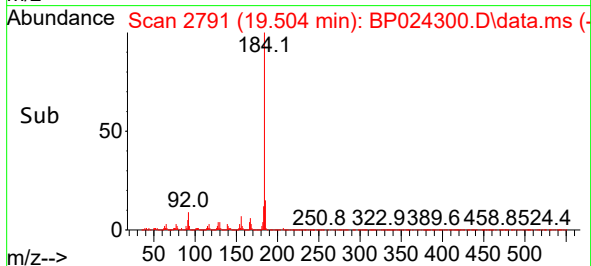
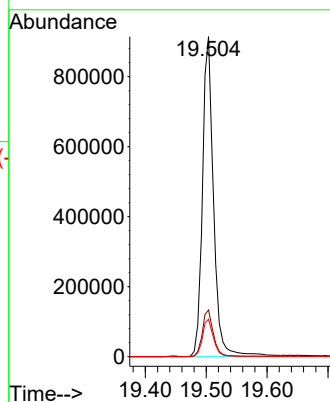
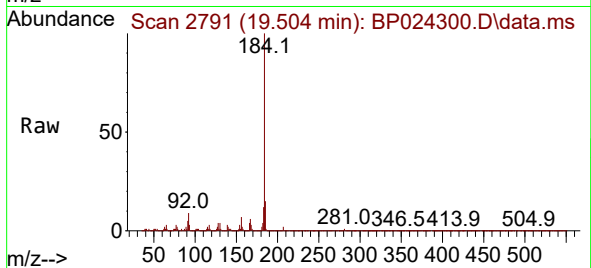
Tgt Ion:184 Resp: 1162436

Ion Ratio Lower Upper

184 100

185 14.6 11.6 17.4

183 11.7 9.2 13.8



#78

Pyrene

Concen: 50.400 ng

RT: 19.686 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

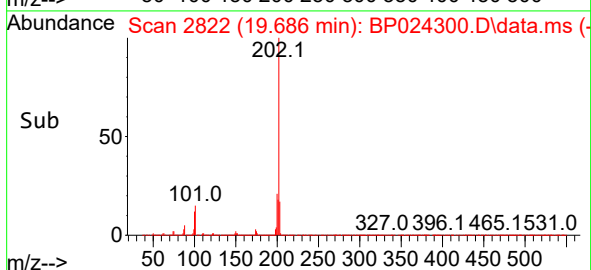
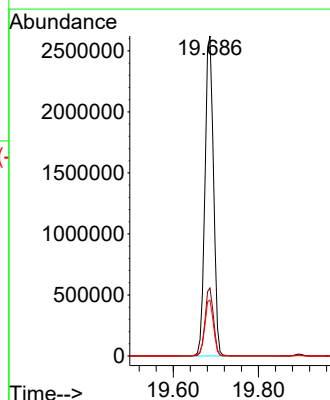
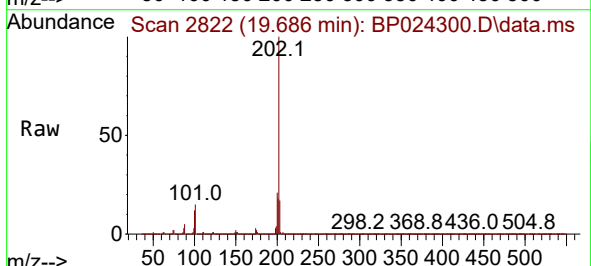
Tgt Ion:202 Resp: 3639010

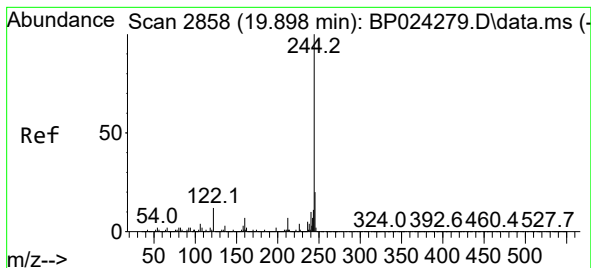
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 96.551 ng

RT: 19.898 min Scan# 2858

Delta R.T. -0.024 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

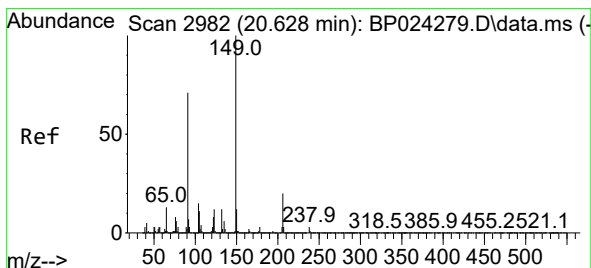
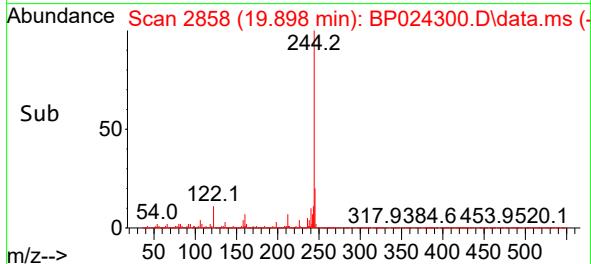
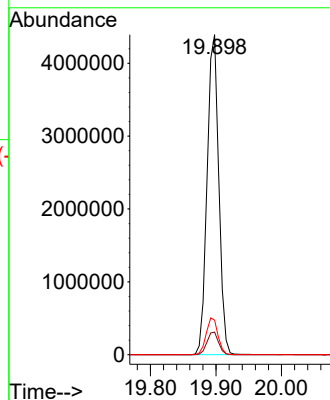
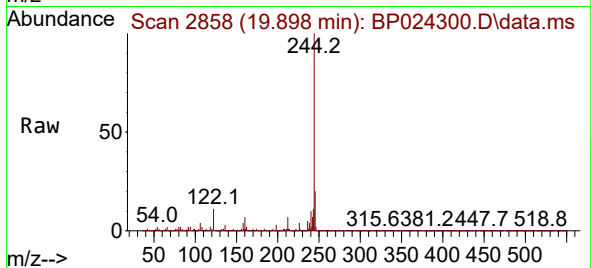
BNA_P

ClientSampleId :

TP-1MSD

Tgt Ion:244 Resp: 5442243

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.8	9.4	14.0



#80

Butylbenzylphthalate

Concen: 53.569 ng

RT: 20.633 min Scan# 2983

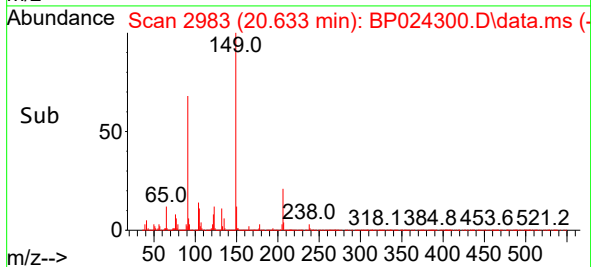
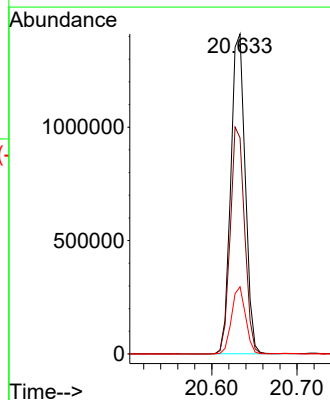
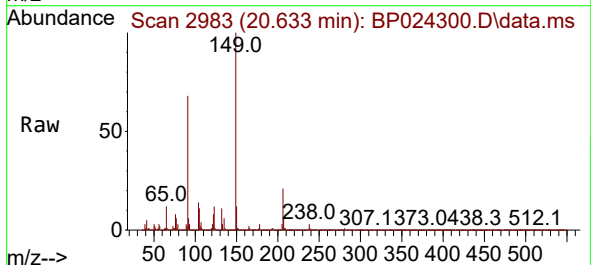
Delta R.T. -0.012 min

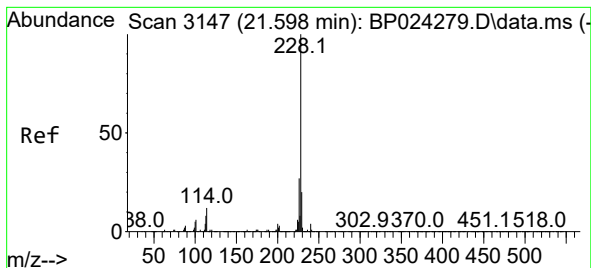
Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Tgt Ion:149 Resp: 1656678

Ion	Ratio	Lower	Upper
149	100		
91	67.6	56.4	84.6
206	21.0	16.3	24.5





#81

Benzo(a)anthracene

Concen: 50.343 ng

RT: 21.604 min Scan# 3148

Delta R.T. -0.000 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

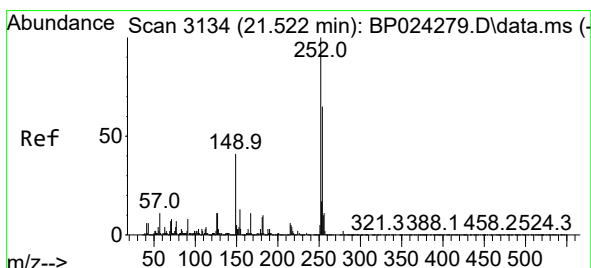
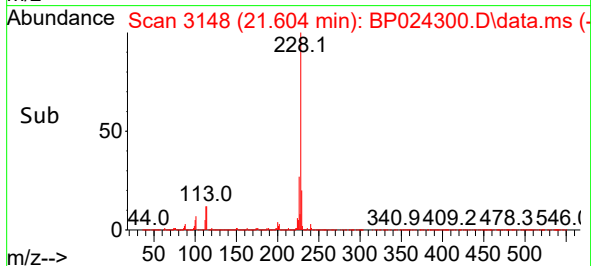
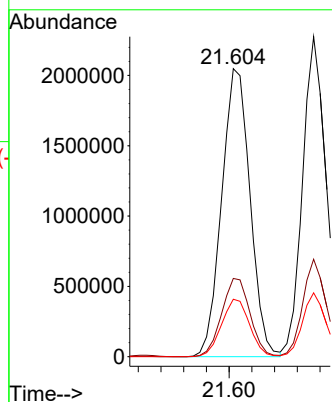
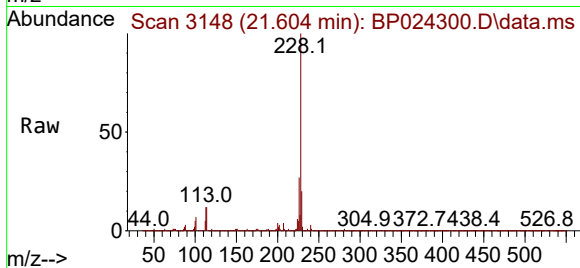
Tgt Ion:228 Resp: 3555104

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 20.0 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 38.590 ng

RT: 21.521 min Scan# 3134

Delta R.T. -0.018 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

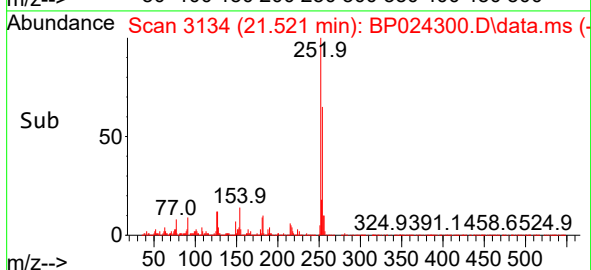
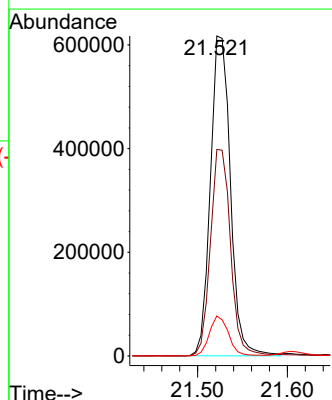
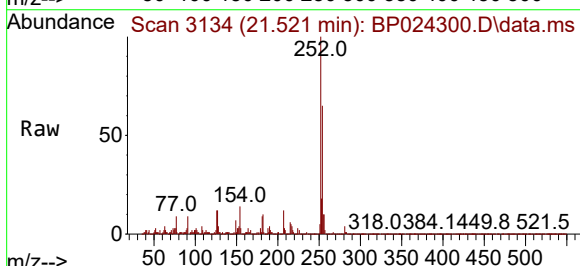
Tgt Ion:252 Resp: 956503

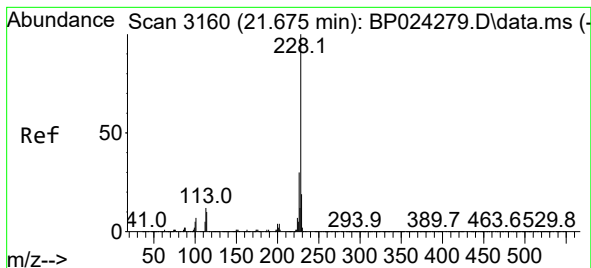
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 12.5 8.8 13.2





#83

Chrysene

Concen: 48.478 ng

RT: 21.674 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

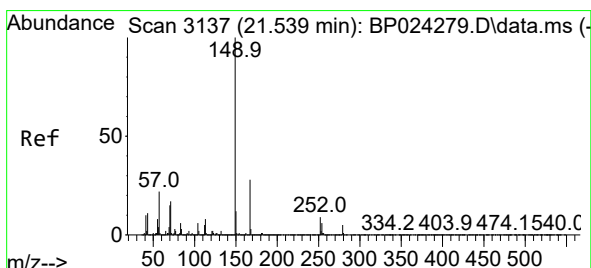
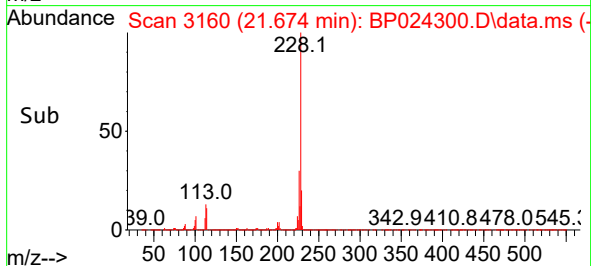
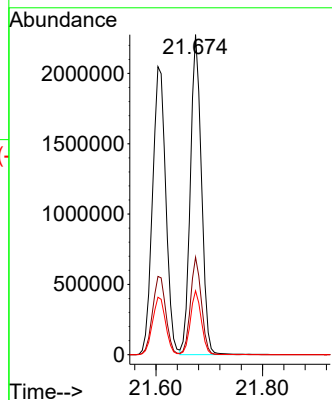
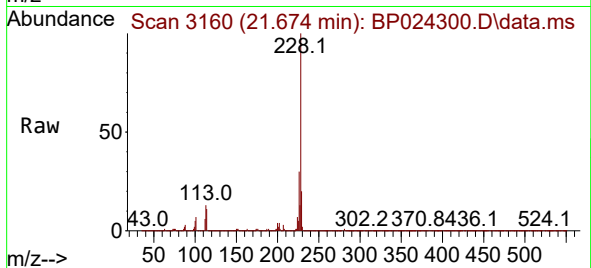
Tgt Ion:228 Resp: 3279802

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.643 ng

RT: 21.545 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

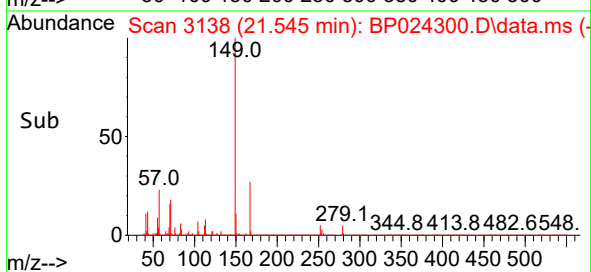
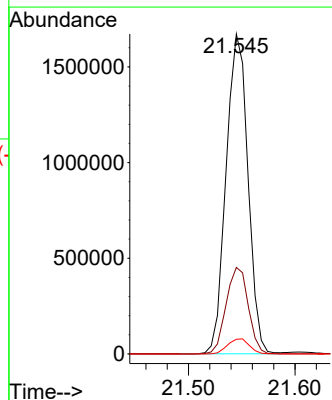
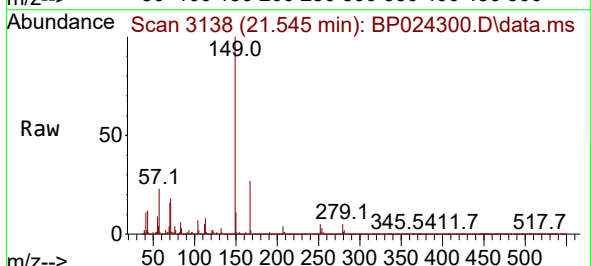
Tgt Ion:149 Resp: 2386656

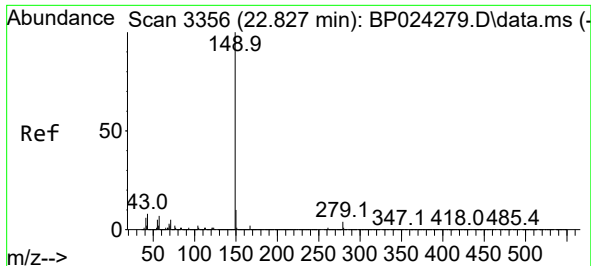
Ion Ratio Lower Upper

149 100

167 27.1 22.4 33.6

279 4.6 4.0 6.0

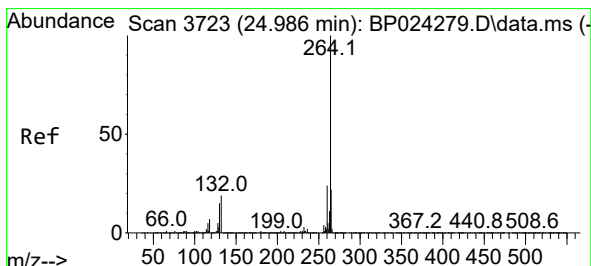
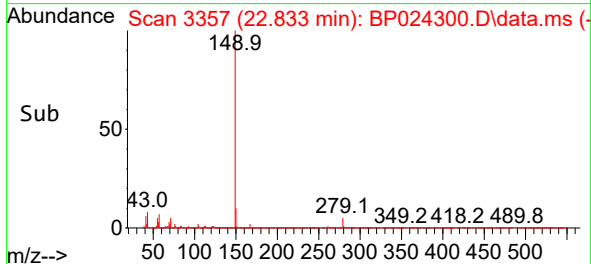
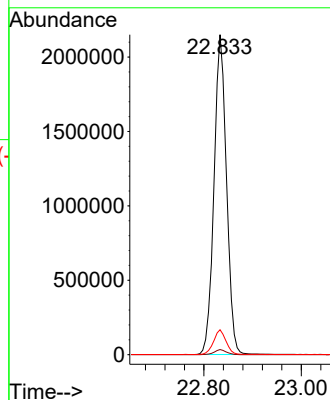
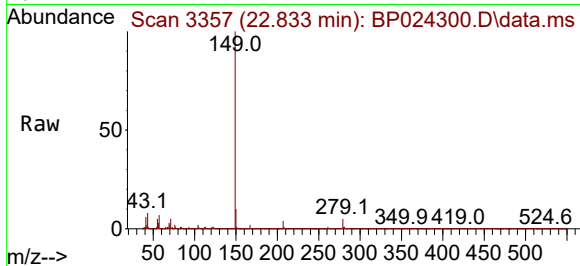




#85
Di-n-octyl phthalate
Concen: 51.721 ng
RT: 22.833 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

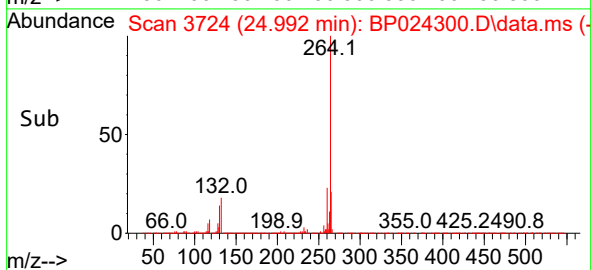
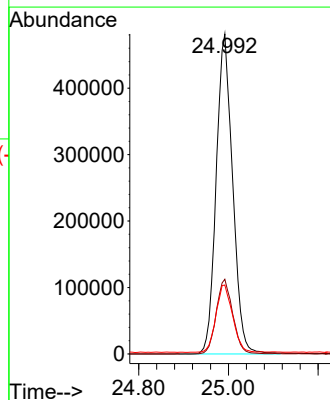
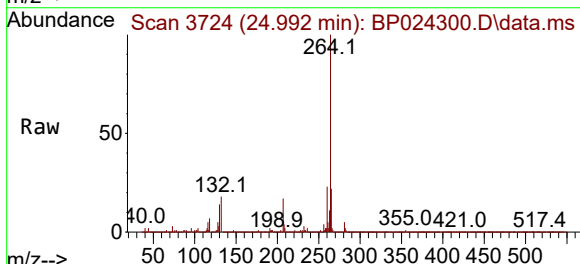
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

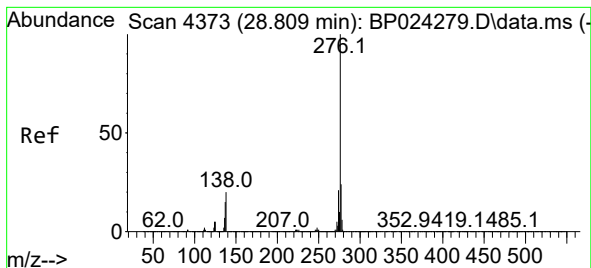
Tgt Ion:149 Resp: 3812099
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.7 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.992 min Scan# 3724
Delta R.T. 0.006 min
Lab File: BP024300.D
Acq: 15 Apr 2025 18:51

Tgt Ion:264 Resp: 1226751
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.445 ng

RT: 28.821 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

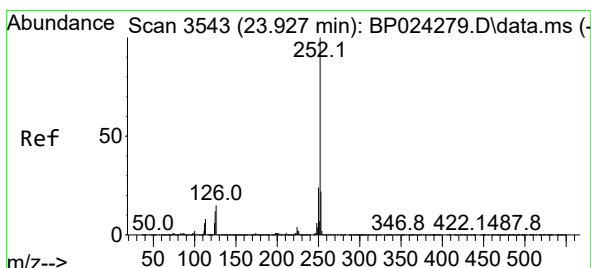
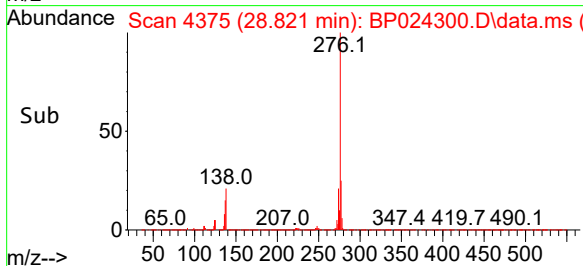
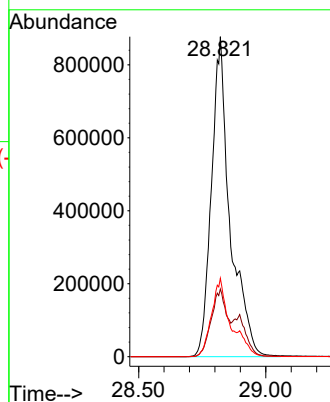
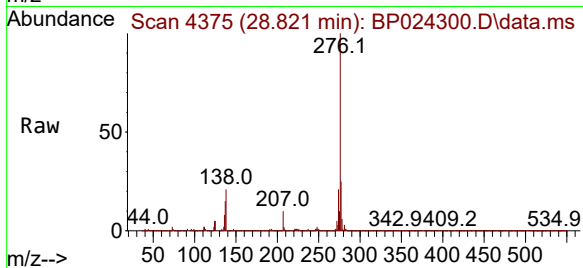
Tgt Ion:276 Resp: 4466584

Ion Ratio Lower Upper

276 100

138 17.7 14.5 21.7

277 21.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.746 ng

RT: 23.927 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

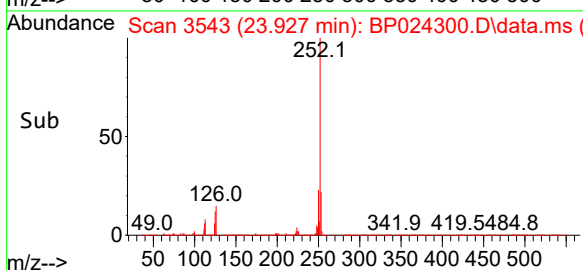
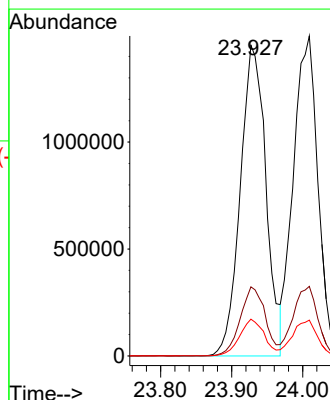
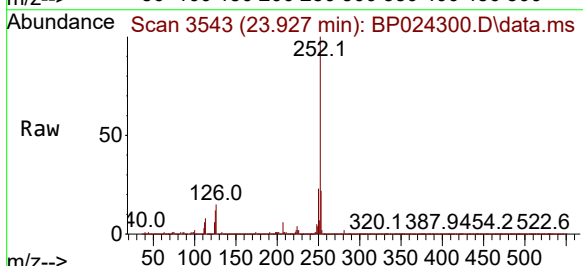
Tgt Ion:252 Resp: 3657986

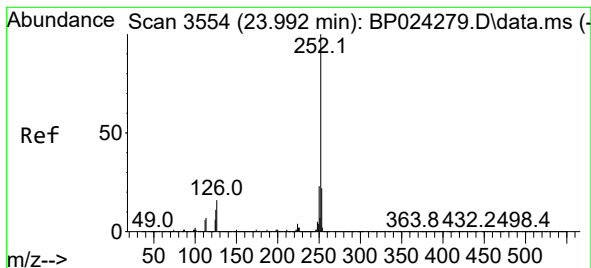
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.8 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 50.615 ng

RT: 24.009 min Scan# 3557

Delta R.T. 0.012 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

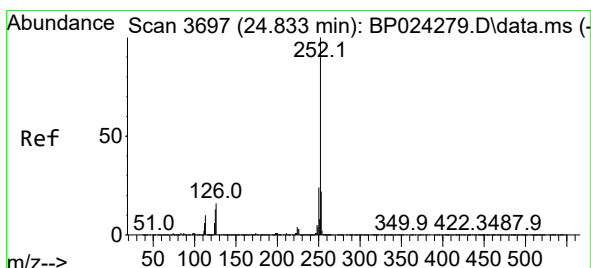
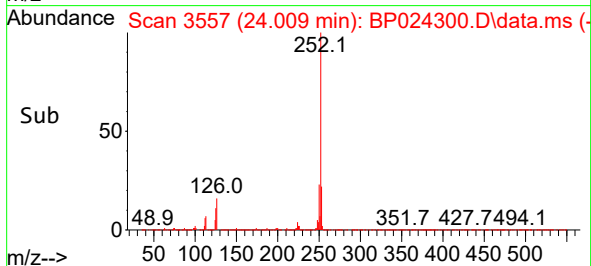
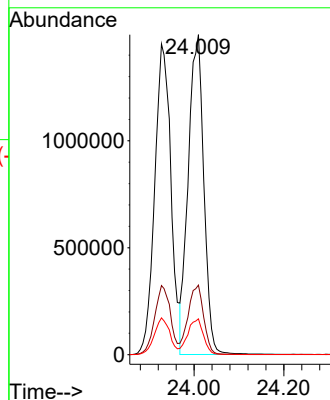
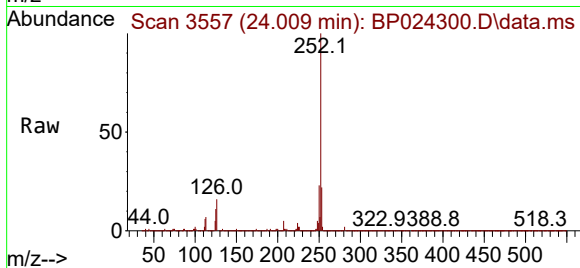
Tgt Ion:252 Resp: 3595065

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.2 9.1 13.7



#90

Benzo(a)pyrene

Concen: 53.719 ng

RT: 24.839 min Scan# 3698

Delta R.T. 0.006 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

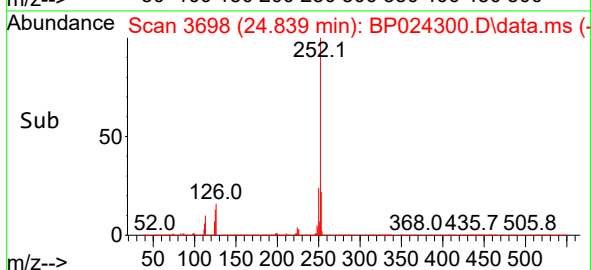
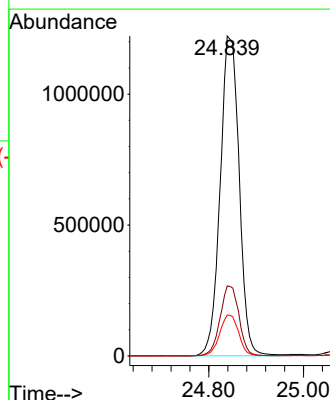
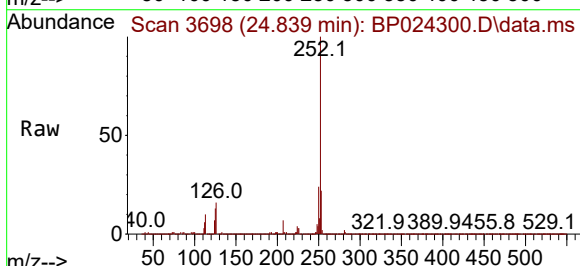
Tgt Ion:252 Resp: 3407311

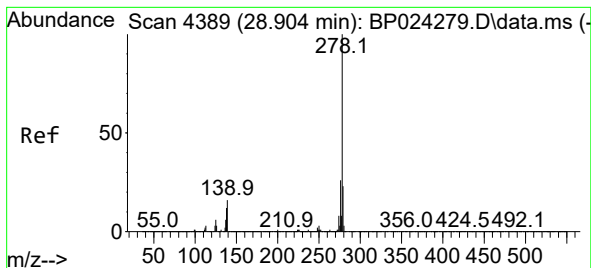
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 12.8 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 51.573 ng

RT: 28.897 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

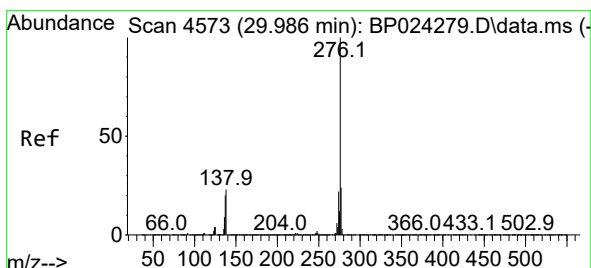
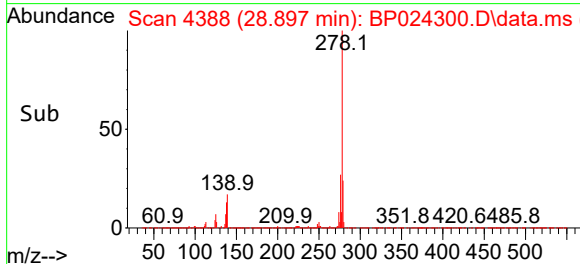
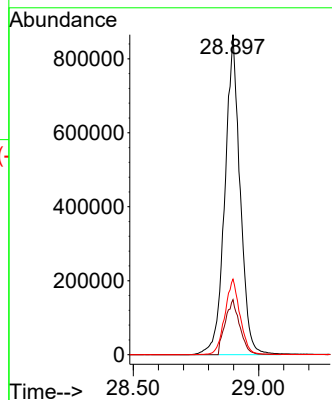
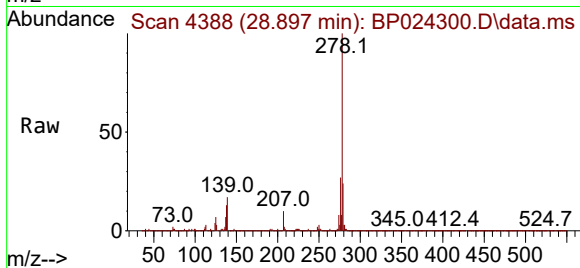
Tgt Ion:278 Resp: 3645744

Ion Ratio Lower Upper

278 100

139 17.2 12.6 19.0

279 23.6 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 49.749 ng

RT: 30.003 min Scan# 4576

Delta R.T. 0.006 min

Lab File: BP024300.D

Acq: 15 Apr 2025 18:51

Tgt Ion:276 Resp: 3579607

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 22.3 18.7 28.1

