

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024552.D
 Acq On : 06 May 2025 18:29
 Operator : RC/JU
 Sample : Q1956-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB2-4-5MSD

Quant Time: May 07 01:11:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	159404	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	649824	20.000	ng	-0.02
39) Acenaphthene-d10	14.340	164	418006	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	822120	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	922769	20.000	ng	# 0.00
86) Perylene-d12	24.916	264	1087018	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1016000	105.387	ng	-0.02
7) Phenol-d6	6.899	99	1316355	99.718	ng	-0.01
23) Nitrobenzene-d5	8.858	82	796746	69.913	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	724719	125.312	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1805561	66.136	ng	-0.01
79) Terphenyl-d14	19.863	244	2977081	65.029	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	148247	36.355	ng	# 94
3) Pyridine	3.670	79	385659	35.816	ng	92
4) n-Nitrosodimethylamine	3.576	42	173229	48.475	ng	# 73
6) Aniline	7.046	93	503110	42.651	ng	97
8) 2-Chlorophenol	7.281	128	500340	46.484	ng	99
9) Benzaldehyde	6.864	77	200907	30.767	ng	97
10) Phenol	6.922	94	603099	45.543	ng	91
11) bis(2-Chloroethyl)ether	7.140	93	438153	41.066	ng	100
12) 1,3-Dichlorobenzene	7.599	146	507292	43.778	ng	98
13) 1,4-Dichlorobenzene	7.740	146	513814	43.702	ng	98
14) 1,2-Dichlorobenzene	8.052	146	497348	43.807	ng	99
15) Benzyl Alcohol	7.952	79	410753	48.115	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	485081	42.062	ng	99
17) 2-Methylphenol	8.158	107	416235	48.589	ng	97
18) Hexachloroethane	8.775	117	190151	44.752	ng	96
19) n-Nitroso-di-n-propyla...	8.511	70	334606	40.972	ng	94
20) 3+4-Methylphenols	8.481	107	563187	47.381	ng	98
22) Acetophenone	8.522	105	701434	43.612	ng	# 96
24) Nitrobenzene	8.899	77	502929	44.611	ng	98
25) Isophorone	9.422	82	956187	46.354	ng	97
26) 2-Nitrophenol	9.599	139	271234	49.163	ng	95
27) 2,4-Dimethylphenol	9.669	122	471513	68.065	ng	97
28) bis(2-Chloroethoxy)met...	9.893	93	590120	42.348	ng	99
29) 2,4-Dichlorophenol	10.140	162	472467	50.021	ng	100
30) 1,2,4-Trichlorobenzene	10.346	180	465620	46.010	ng	99
31) Naphthalene	10.528	128	1474499	43.076	ng	99
32) Benzoic acid	9.828	122	323698	40.102	ng	95
33) 4-Chloroaniline	10.646	127	306313	25.411	ng	98
34) Hexachlorobutadiene	10.810	225	294643	49.546	ng	99
35) Caprolactam	11.446	113	164934	47.324	ng	93
36) 4-Chloro-3-methylphenol	11.781	107	538899	48.983	ng	99
37) 2-Methylnaphthalene	12.140	142	955540	40.251	ng	97
38) 1-Methylnaphthalene	12.363	142	1014735	43.694	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	534535	46.501	ng	99
41) Hexachlorocyclopentadiene	12.487	237	560872	137.957	ng	98
43) 2,4,6-Trichlorophenol	12.757	196	383001	50.114	ng	98

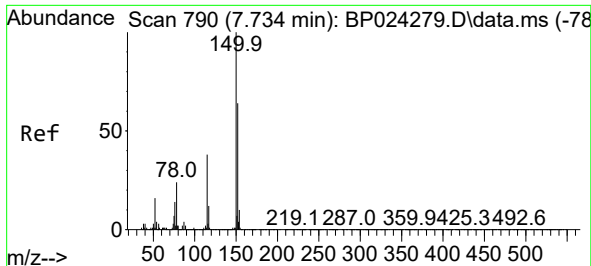
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
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 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	426586	50.405	ng	99
46) 1,1'-Biphenyl	13.157	154	1361923	44.325	ng	98
47) 2-Chloronaphthalene	13.199	162	1051229	45.777	ng	98
48) 2-Nitroaniline	13.410	65	334963	52.001	ng	94
49) Acenaphthylene	14.057	152	1772177	49.016	ng	99
50) Dimethylphthalate	13.793	163	1379203	45.371	ng	99
51) 2,6-Dinitrotoluene	13.916	165	308388	47.775	ng	93
52) Acenaphthene	14.404	154	1009427	44.039	ng	99
53) 3-Nitroaniline	14.251	138	300781	44.335	ng	100
54) 2,4-Dinitrophenol	14.469	184	356916	93.869	ng	93
55) Dibenzofuran	14.746	168	1606452	42.877	ng	97
56) 4-Nitrophenol	14.593	139	576827	98.447	ng	90
57) 2,4-Dinitrotoluene	14.716	165	446655	50.725	ng	97
58) Fluorene	15.404	166	1303551	44.944	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.987	232	374808	48.017	ng	# 97
60) Diethylphthalate	15.175	149	1393842	44.495	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	640203	45.455	ng	96
62) 4-Nitroaniline	15.440	138	344101	47.912	ng	86
63) Azobenzene	15.698	77	1291393	44.852	ng	95
65) 4,6-Dinitro-2-methylph...	15.498	198	236969	45.719	ng	95
66) n-Nitrosodiphenylamine	15.616	169	1137293	46.348	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	442075	49.167	ng	99
68) Hexachlorobenzene	16.434	284	543514	50.871	ng	99
69) Atrazine	16.604	200	405143	64.826	ng	98
70) Pentachlorophenol	16.787	266	735312	98.652	ng	99
71) Phenanthrene	17.181	178	2052281	45.760	ng	99
72) Anthracene	17.281	178	2103402	48.662	ng	99
73) Carbazole	17.563	167	1992713	47.182	ng	99
74) Di-n-butylphthalate	18.145	149	2509675	47.696	ng	99
75) Fluoranthene	19.275	202	2468152	46.272	ng	97
77) Benzidine	19.469	184	1224869	104.718	ng	99
78) Pyrene	19.645	202	2582943	44.045	ng	99
80) Butylbenzylphthalate	20.592	149	1209696	48.160	ng	98
81) Benzo(a)anthracene	21.563	228	2675034	46.639	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	772689	38.383	ng	98
83) Chrysene	21.633	228	2457723	44.727	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1791677	48.657	ng	99
85) Di-n-octyl phthalate	22.769	149	3072120	51.320	ng	100
87) Indeno(1,2,3-cd)pyrene	28.715	276	3718353	49.272	ng	# 91
88) Benzo(b)fluoranthene	23.869	252	2835698	43.521	ng	97
89) Benzo(k)fluoranthene	23.933	252	2847239	45.239	ng	98
90) Benzo(a)pyrene	24.769	252	2786273	49.574	ng	# 98
91) Dibenzo(a,h)anthracene	28.780	278	3017918	48.180	ng	97
92) Benzo(g,h,i)perylene	29.886	276	2972899	46.629	ng	96

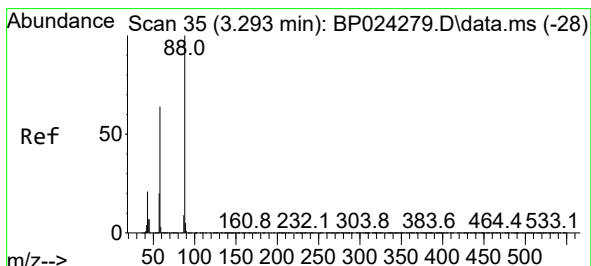
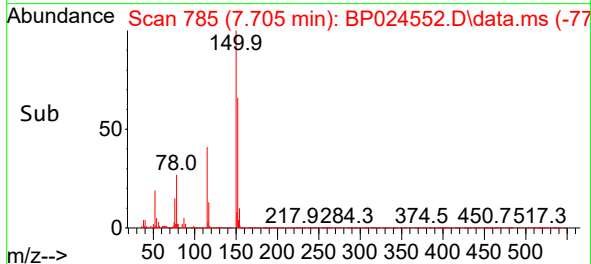
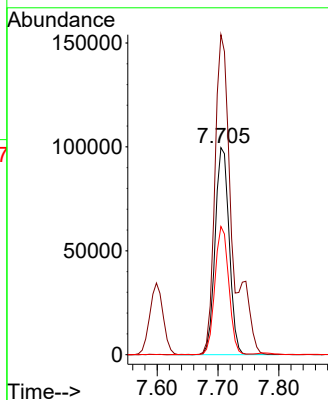
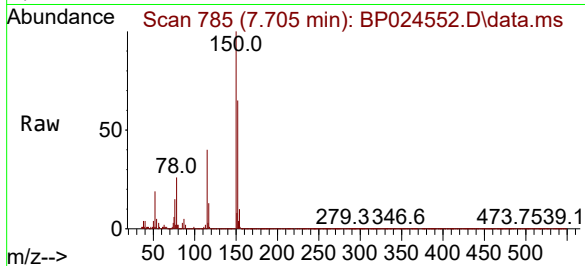
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.705 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BP024552.D
 Acq: 06 May 2025 18:29

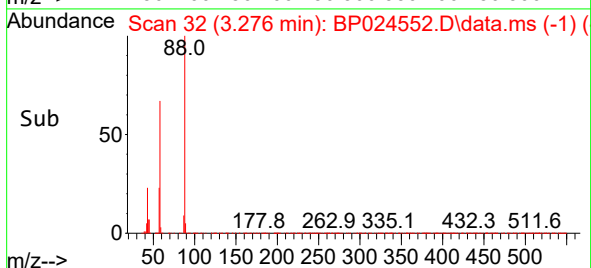
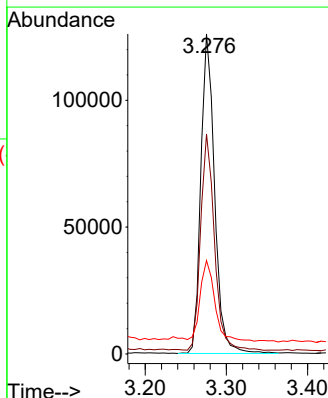
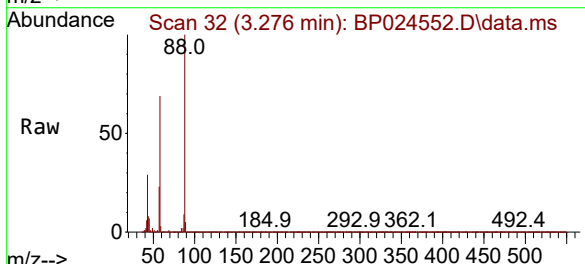
Instrument :
 BNA_P
 ClientSampleId :
 SB2-4-5MSD

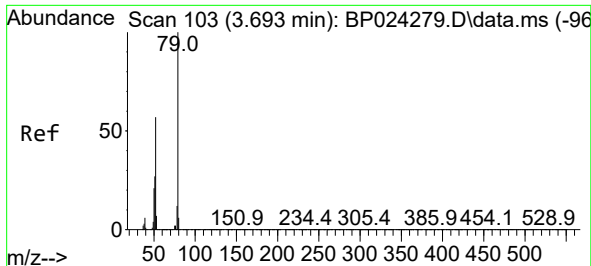
Tgt Ion:152 Resp: 159404
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.9 187.3
 115 61.9 47.7 71.5



#2
 1,4-Dioxane
 Concen: 36.355 ng
 RT: 3.276 min Scan# 32
 Delta R.T. -0.012 min
 Lab File: BP024552.D
 Acq: 06 May 2025 18:29

Tgt Ion: 88 Resp: 148247
 Ion Ratio Lower Upper
 88 100
 58 67.8 51.4 77.2
 43 26.6 17.1 25.7#

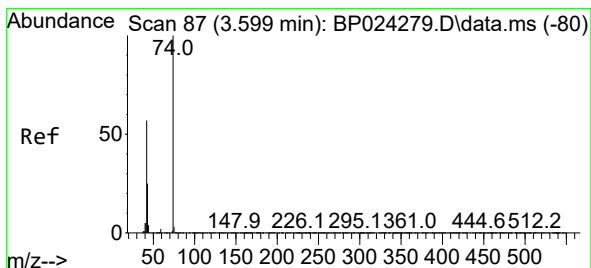
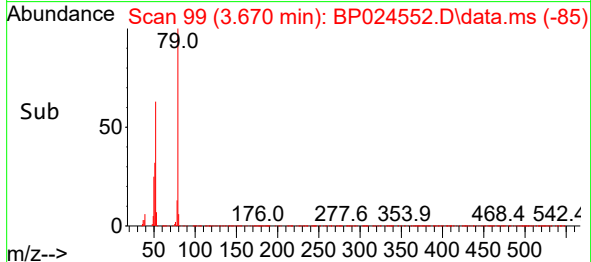
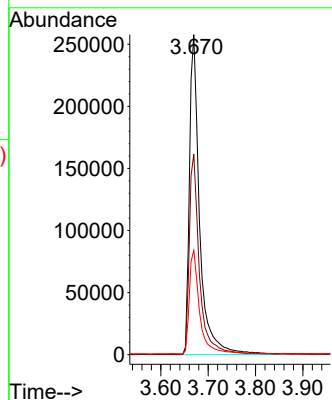
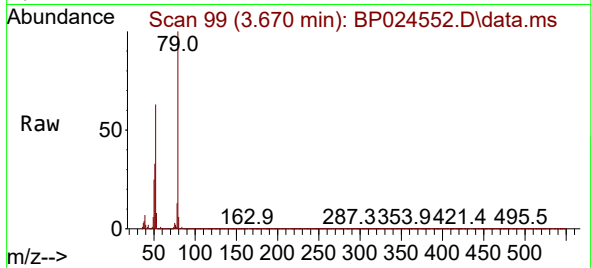




#3
 Pyridine
 Concen: 35.816 ng
 RT: 3.670 min Scan# 99
 Delta R.T. -0.017 min
 Lab File: BP024552.D
 Acq: 06 May 2025 18:29

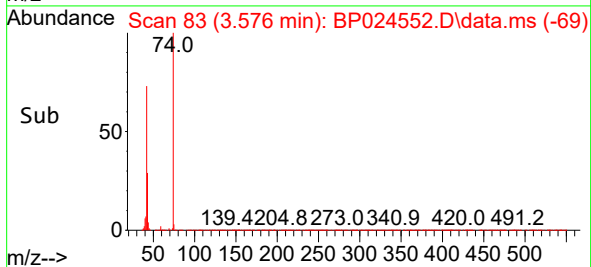
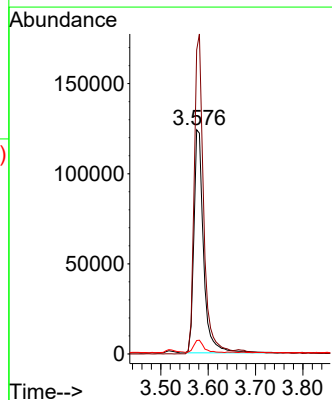
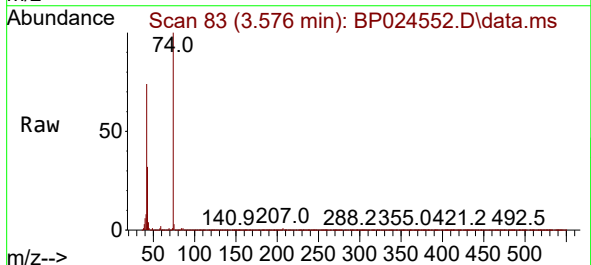
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 ClientSampleId :
 SB2-4-5MSD

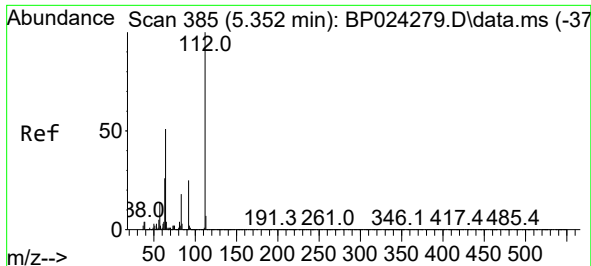
Tgt Ion: 79 Resp: 385659
 Ion Ratio Lower Upper
 79 100
 52 62.7 45.4 68.2
 51 32.5 22.6 33.8



#4
 n-Nitrosodimethylamine
 Concen: 48.475 ng
 RT: 3.576 min Scan# 83
 Delta R.T. -0.017 min
 Lab File: BP024552.D
 Acq: 06 May 2025 18:29

Tgt Ion: 42 Resp: 173229
 Ion Ratio Lower Upper
 42 100
 74 135.6 139.5 209.3#
 44 6.0 5.8 8.8

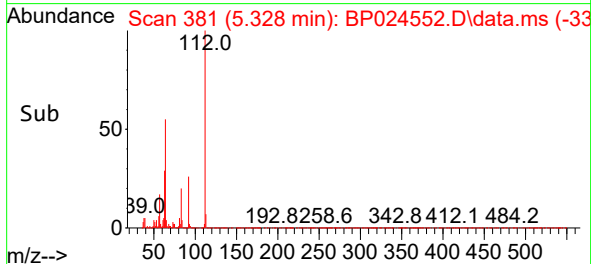
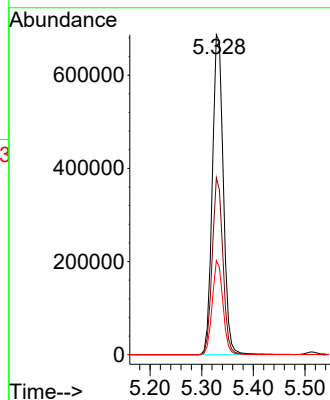
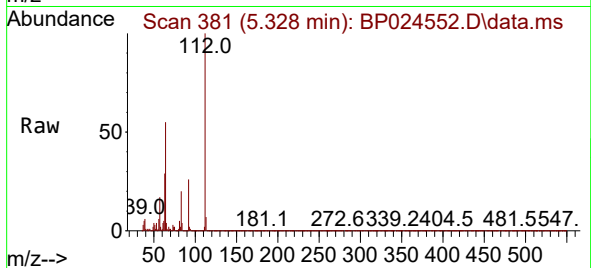




#5
2-Fluorophenol
Concen: 105.387 ng
RT: 5.328 min Scan# 385
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

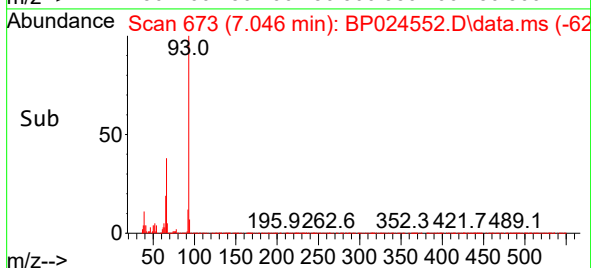
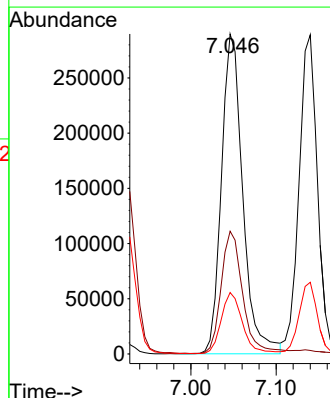
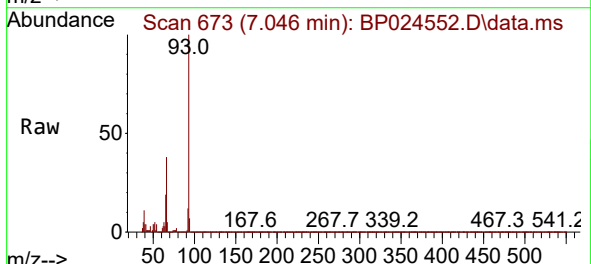
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ClientSampleId :
SB2-4-5MSD

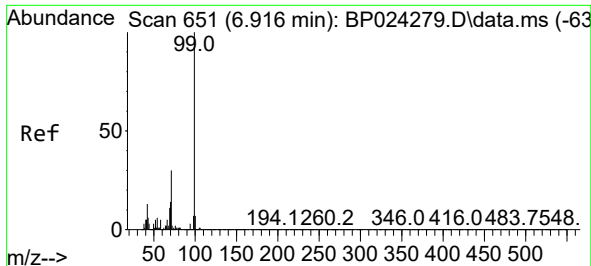
Tgt Ion:112 Resp: 1016000
Ion Ratio Lower Upper
112 100
64 55.3 41.1 61.7
63 29.4 20.6 30.8



#6
Aniline
Concen: 42.651 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 93 Resp: 503110
Ion Ratio Lower Upper
93 100
66 38.3 29.1 43.7
65 19.2 14.7 22.1

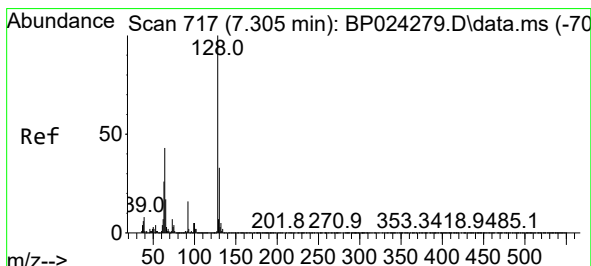
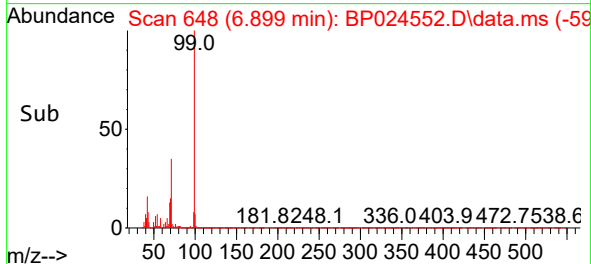
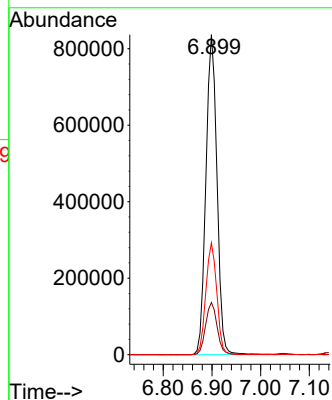
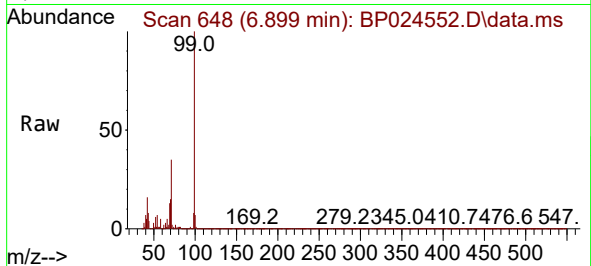




#7
Phenol-d6
Concen: 99.718 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

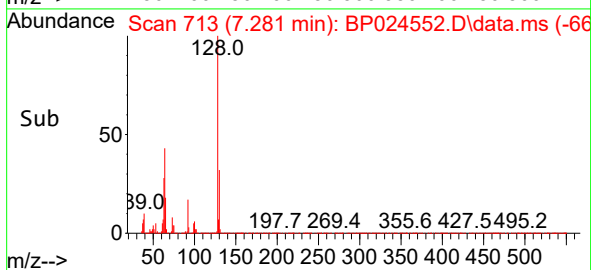
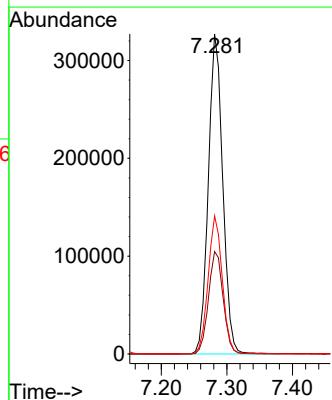
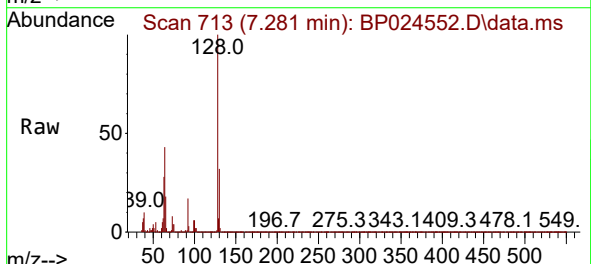
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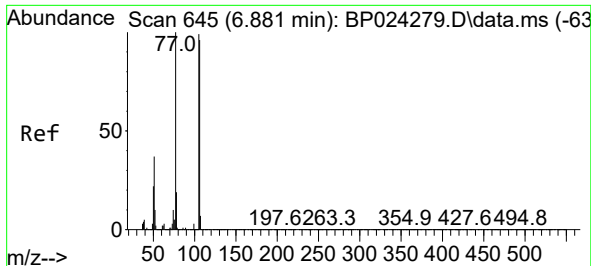
Tgt Ion: 99 Resp: 1316355
Ion Ratio Lower Upper
99 100
42 16.3 10.6 16.0#
71 34.9 23.7 35.5



#8
2-Chlorophenol
Concen: 46.484 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:128 Resp: 500340
Ion Ratio Lower Upper
128 100
130 32.0 12.9 52.9
64 43.1 22.7 62.7

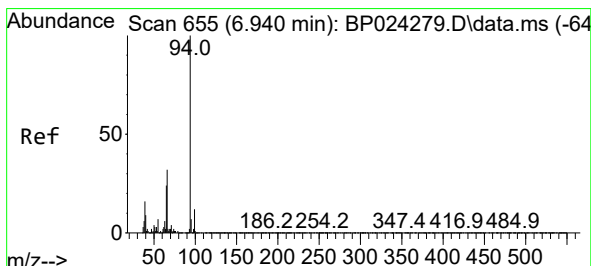
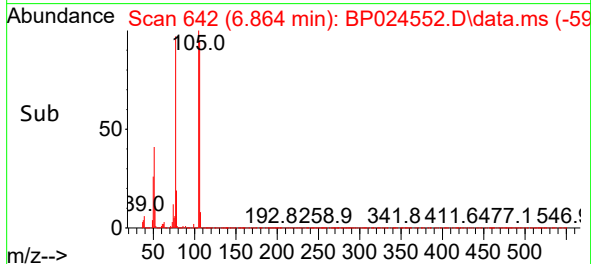
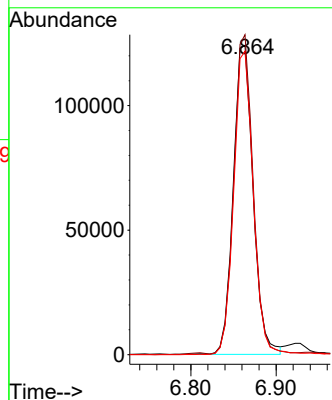
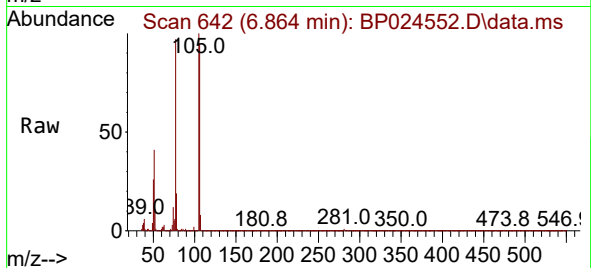




#9
Benzaldehyde
Concen: 30.767 ng
RT: 6.864 min Scan# 64
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

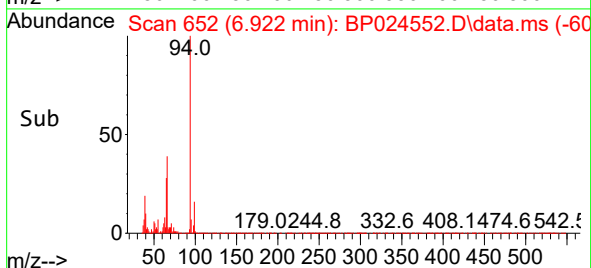
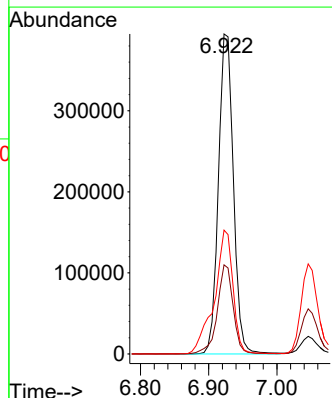
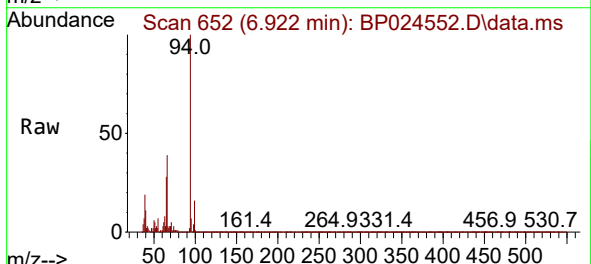
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

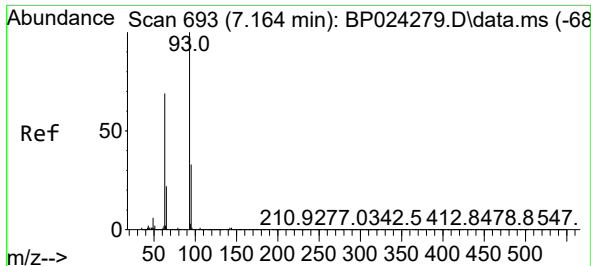
Tgt Ion: 77 Resp: 200907
Ion Ratio Lower Upper
77 100
105 103.6 79.2 119.2
106 98.2 76.2 116.2



#10
Phenol
Concen: 45.543 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 94 Resp: 603099
Ion Ratio Lower Upper
94 100
65 27.9 4.5 44.5
66 38.7 12.4 52.4





#11

bis(2-Chloroethyl)ether

Concen: 41.066 ng

RT: 7.140 min Scan# 61

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

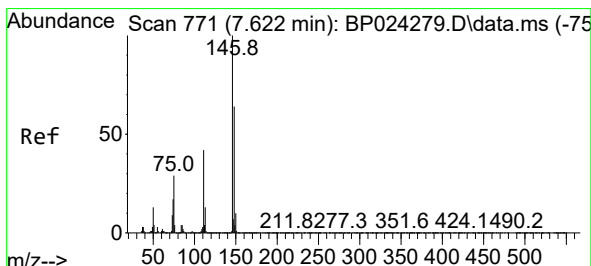
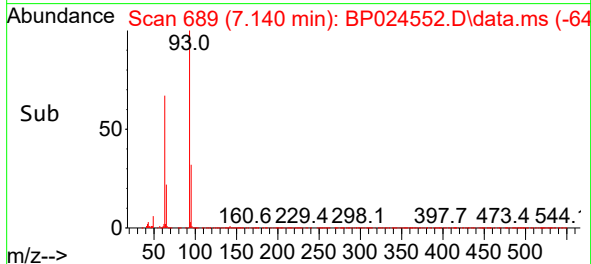
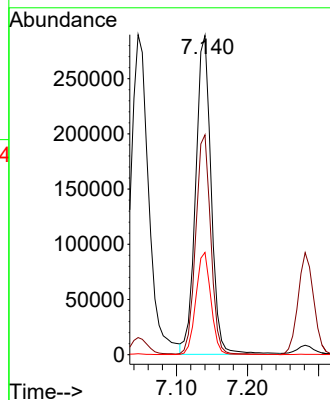
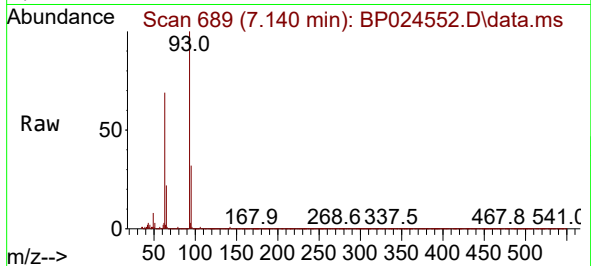
Tgt Ion: 93 Resp: 438153

Ion Ratio Lower Upper

93 100

63 68.9 48.6 88.6

95 32.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 43.778 ng

RT: 7.599 min Scan# 767

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

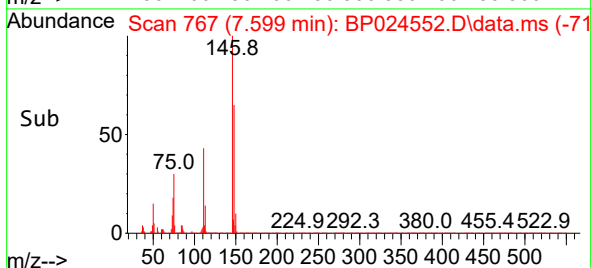
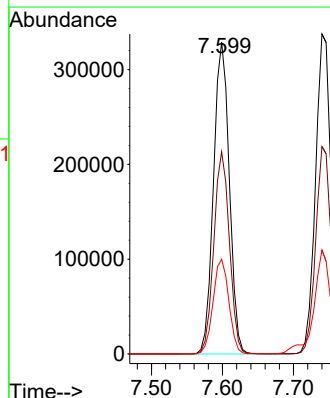
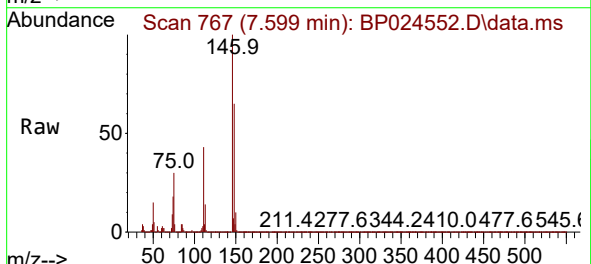
Tgt Ion: 146 Resp: 507292

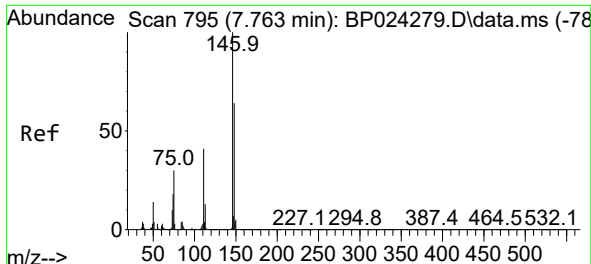
Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.0

75 30.4 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 43.702 ng

RT: 7.740 min Scan# 795

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

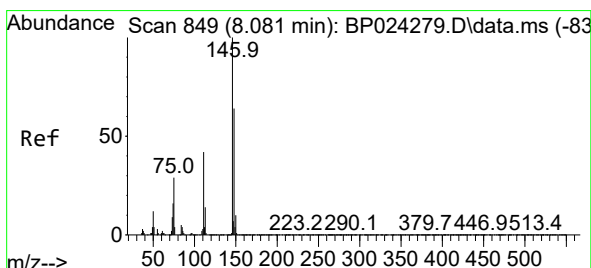
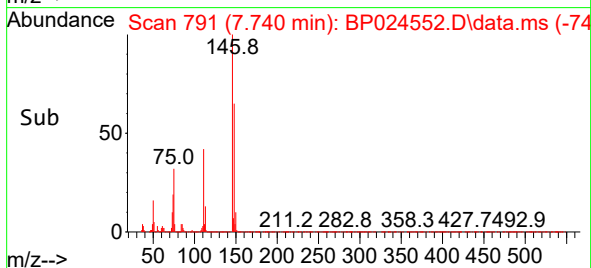
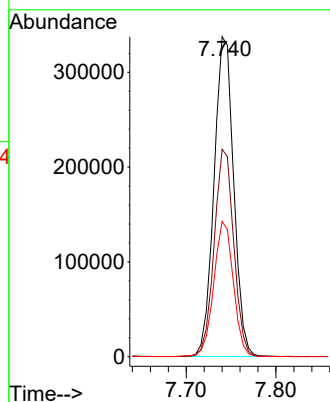
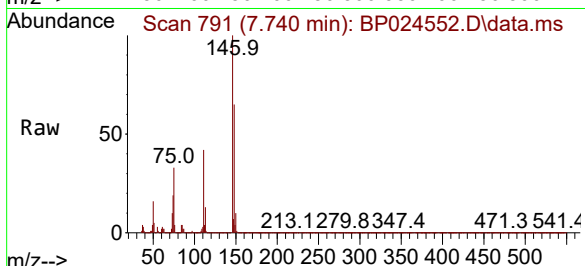
Tgt Ion:146 Resp: 513814

Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

111 42.3 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 43.807 ng

RT: 8.052 min Scan# 844

Delta R.T. -0.023 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

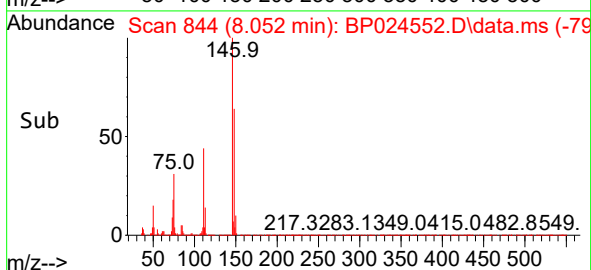
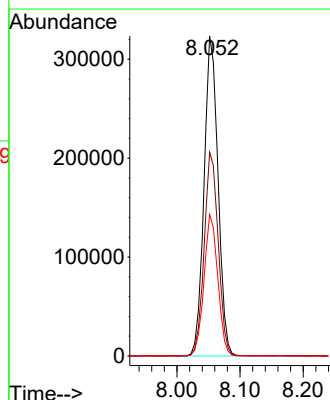
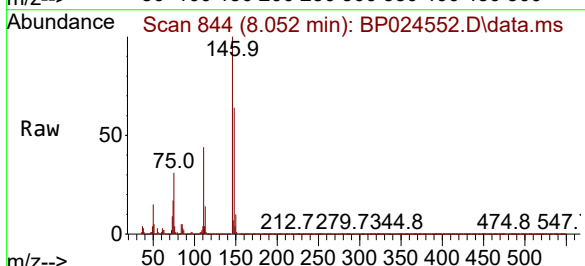
Tgt Ion:146 Resp: 497348

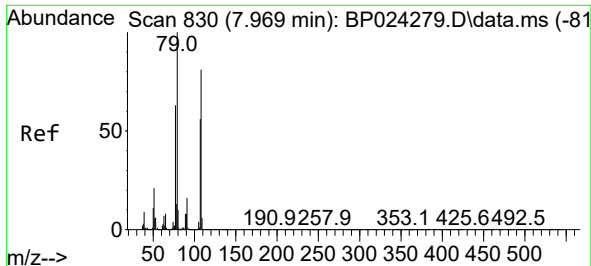
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 44.2 33.8 50.8

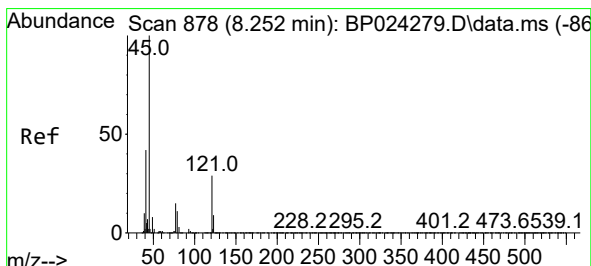
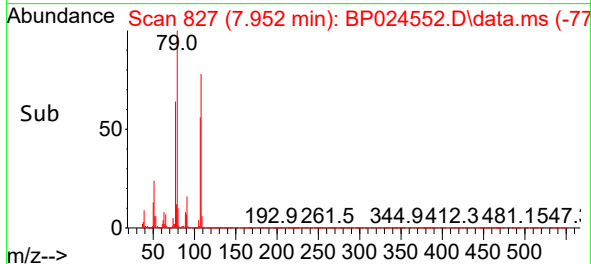
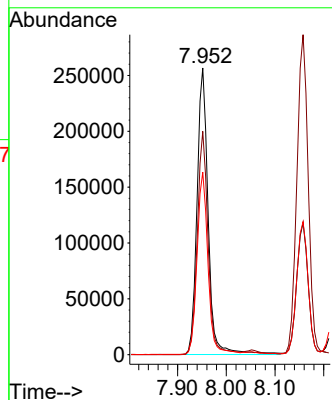
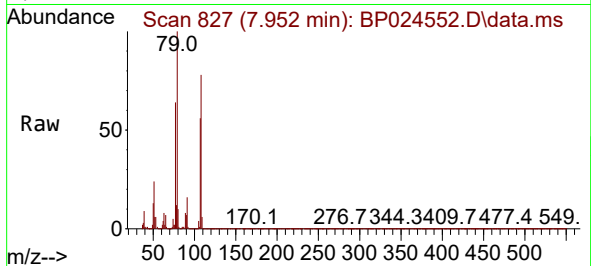




#15
Benzyl Alcohol
Concen: 48.115 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

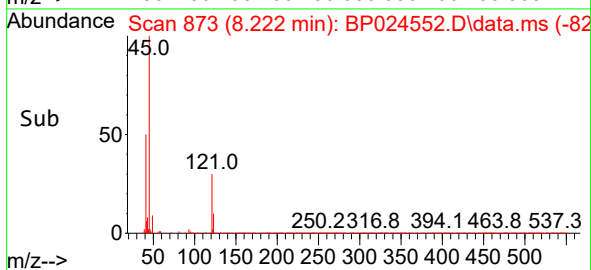
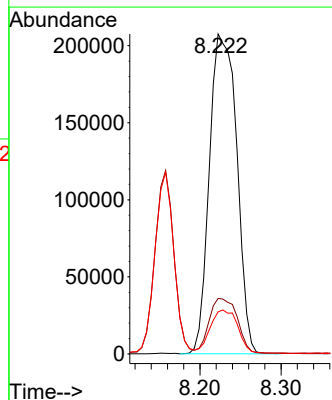
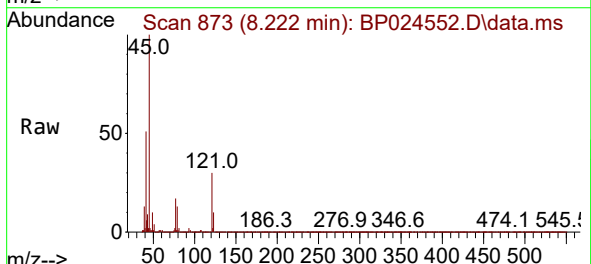
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion: 79 Resp: 410753
Ion Ratio Lower Upper
79 100
108 77.9 65.1 97.7
77 63.7 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.062 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.023 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 45 Resp: 485081
Ion Ratio Lower Upper
45 100
77 17.4 0.0 37.7
79 13.2 0.0 33.5

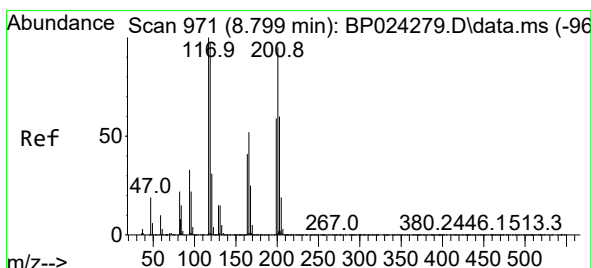
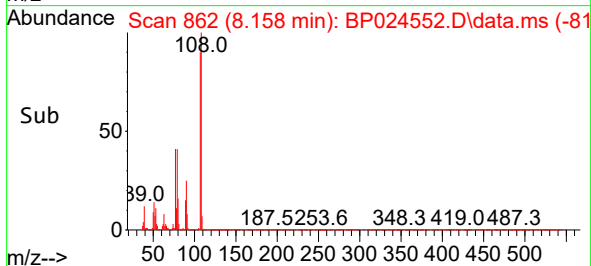
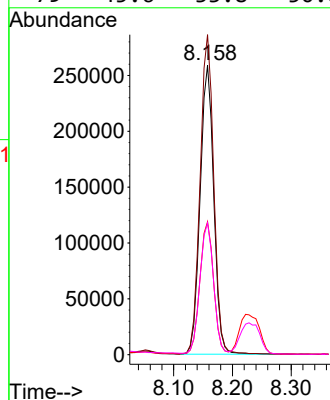
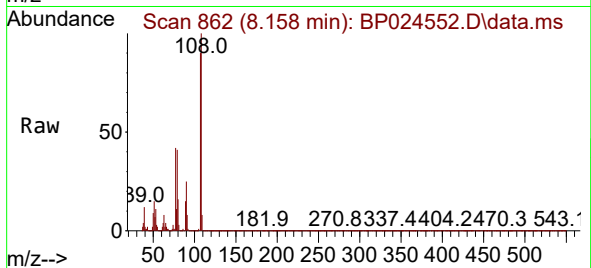




#17
2-Methylphenol
Concen: 48.589 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

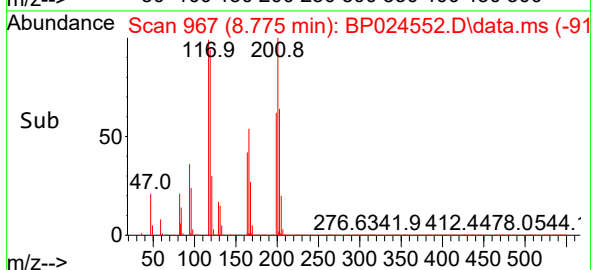
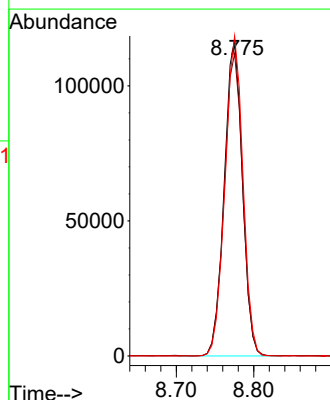
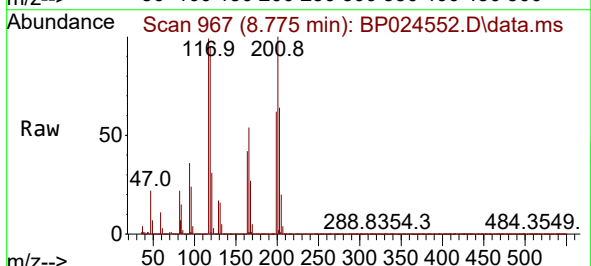
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:	107	Resp:	416235
Ion	Ratio	Lower	Upper
107	100		
108	110.6	89.8	134.6
77	46.0	34.2	51.4
79	45.6	33.8	50.8



#18
Hexachloroethane
Concen: 44.752 ng
RT: 8.775 min Scan# 967
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:	117	Resp:	190151
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.8	116.6
201	101.1	75.9	113.9

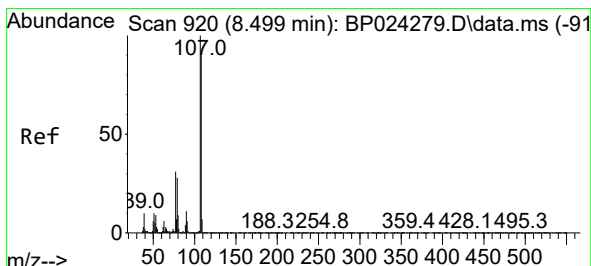
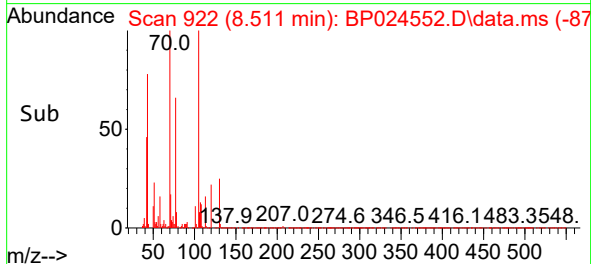
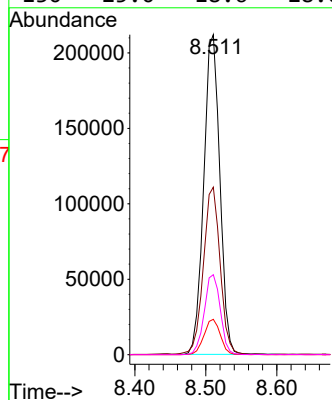
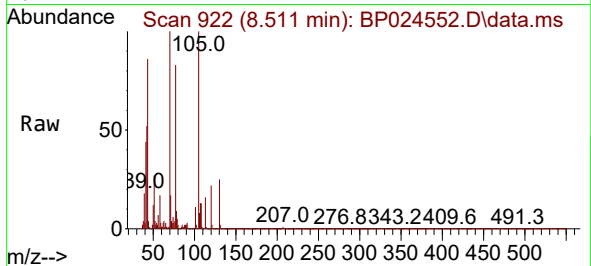




#19
n-Nitroso-di-n-propylamine
Concen: 40.972 ng
RT: 8.511 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

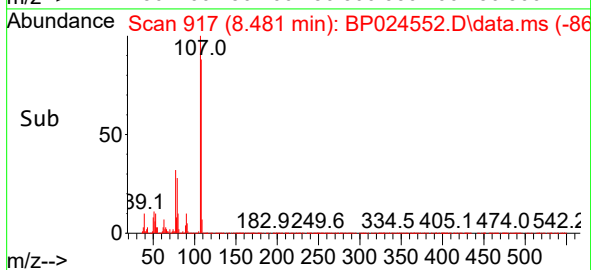
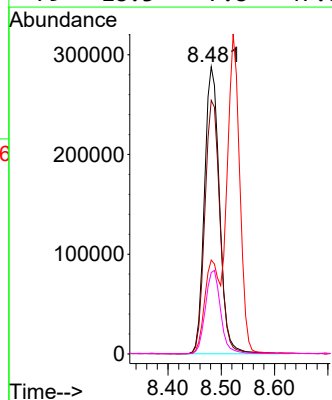
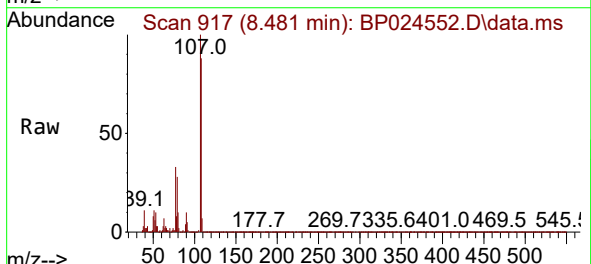
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

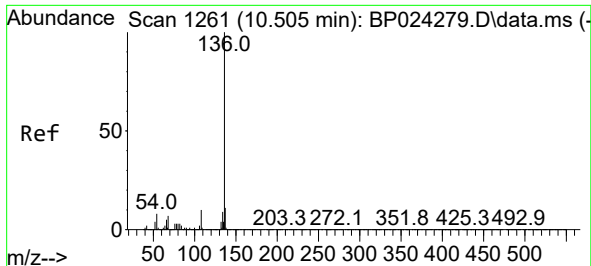
Tgt Ion: 70 Resp: 334606
Ion Ratio Lower Upper
70 100
42 52.3 37.3 55.9
101 11.0 8.2 12.4
130 25.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 47.381 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 107 Resp: 563187
Ion Ratio Lower Upper
107 100
108 88.3 69.8 109.8
77 32.7 11.5 51.5
79 28.3 7.8 47.8

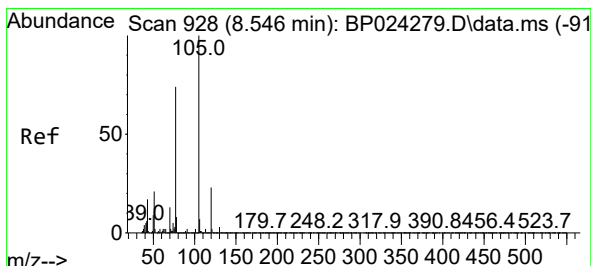
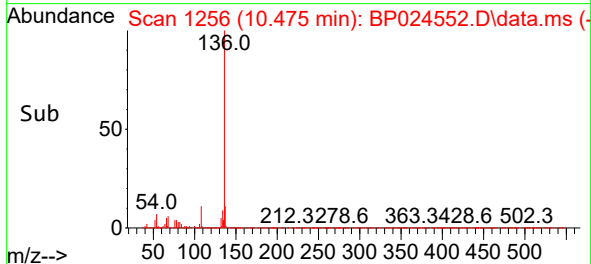
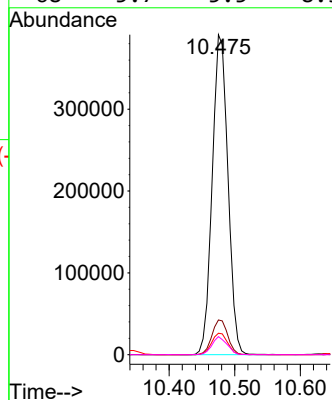
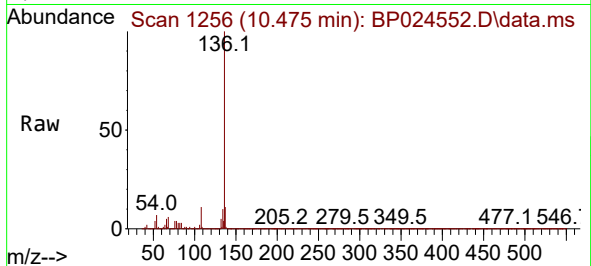




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

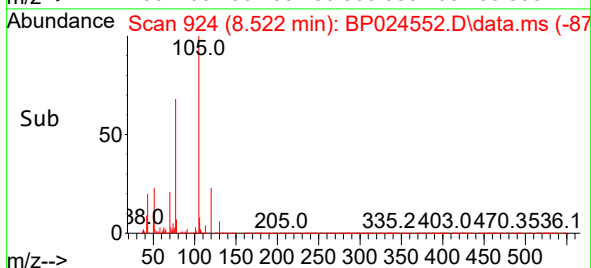
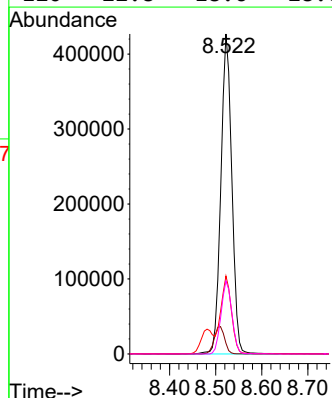
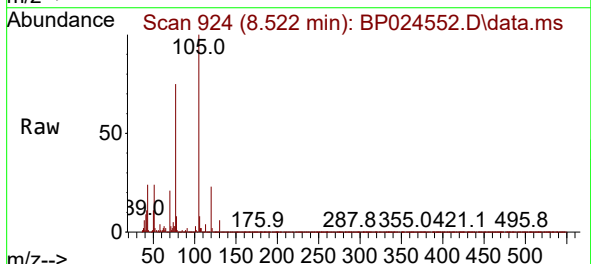
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

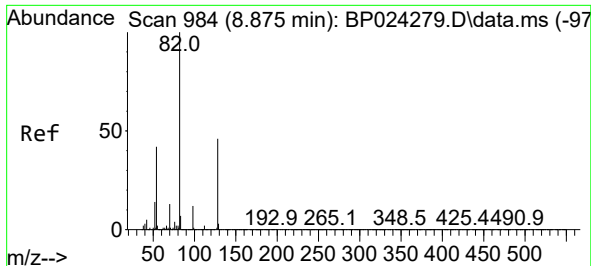
Tgt Ion:	136	Resp:	649824
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	6.7	6.0	9.0
68	5.7	5.5	8.3



#22
Acetophenone
Concen: 43.612 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:	105	Resp:	701434
Ion Ratio	Lower	Upper	
105	100		
71	3.4	1.7	2.5
51	24.3	16.9	25.3
120	22.8	18.6	28.0

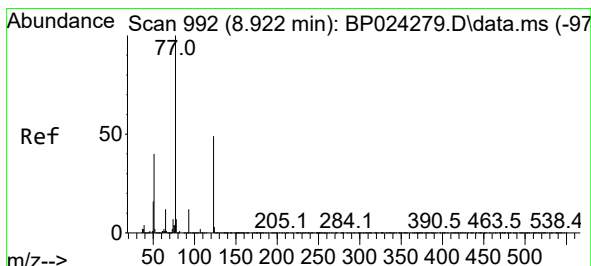
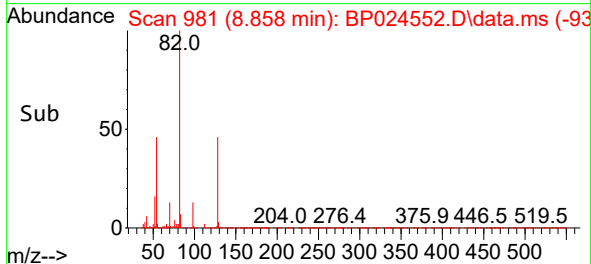
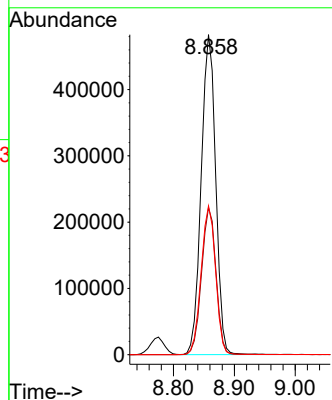
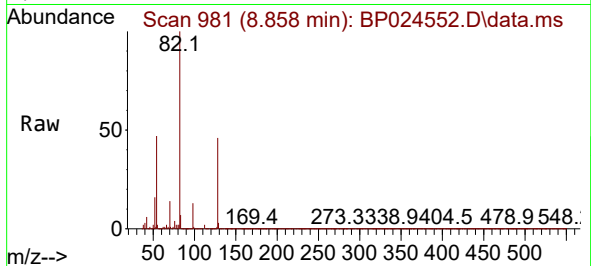




#23
Nitrobenzene-d5
Concen: 69.913 ng
RT: 8.858 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

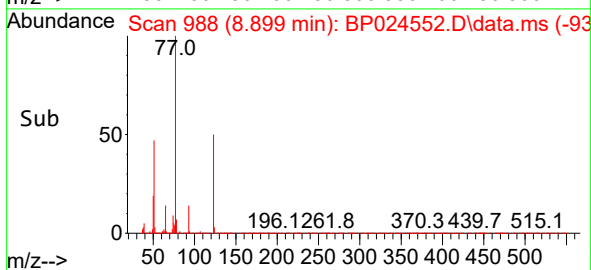
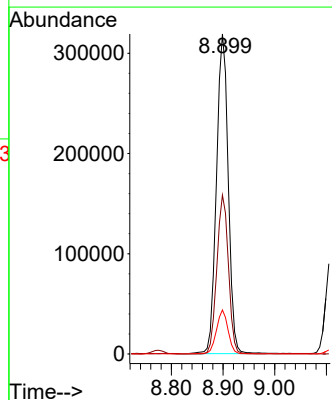
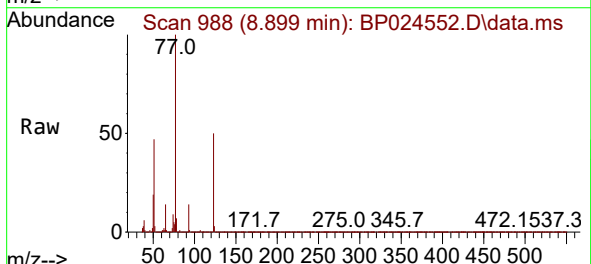
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

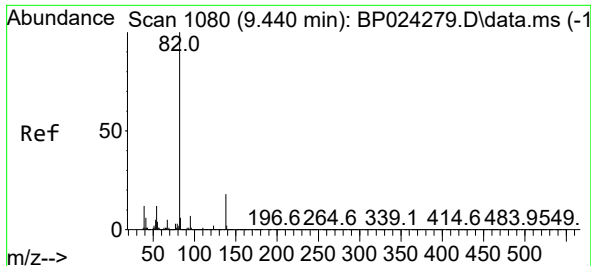
Tgt Ion: 82 Resp: 796746
Ion Ratio Lower Upper
82 100
128 45.9 36.5 54.7
54 46.5 33.4 50.2



#24
Nitrobenzene
Concen: 44.611 ng
RT: 8.899 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 77 Resp: 502929
Ion Ratio Lower Upper
77 100
123 49.6 39.2 58.8
65 13.7 9.8 14.6

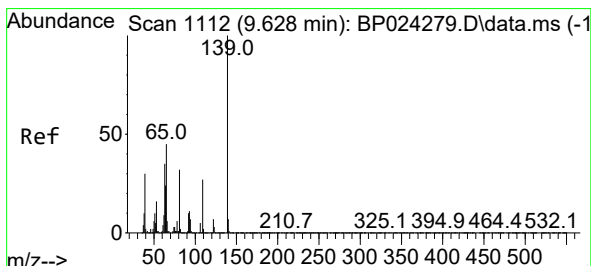
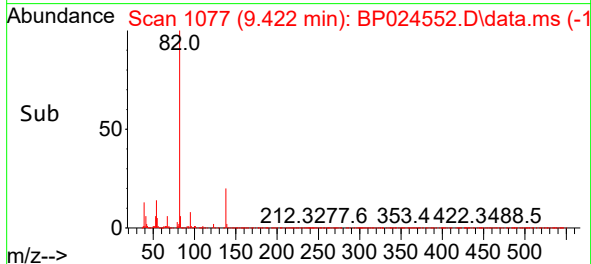
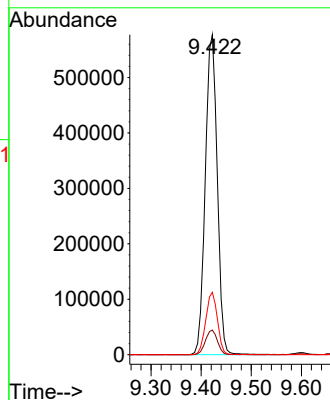
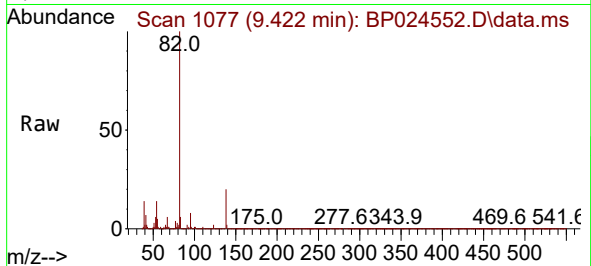




#25
Isophorone
Concen: 46.354 ng
RT: 9.422 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

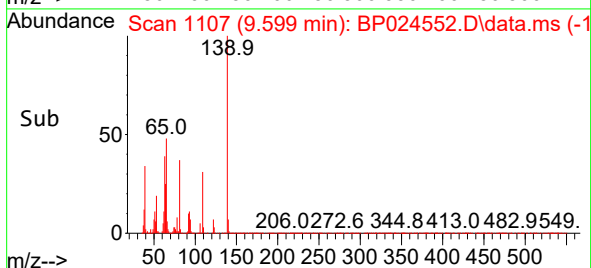
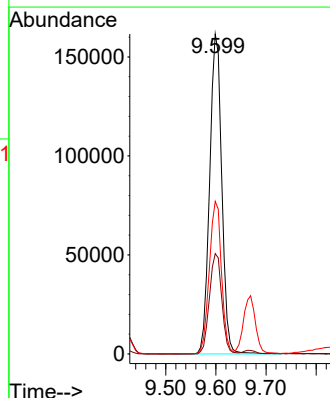
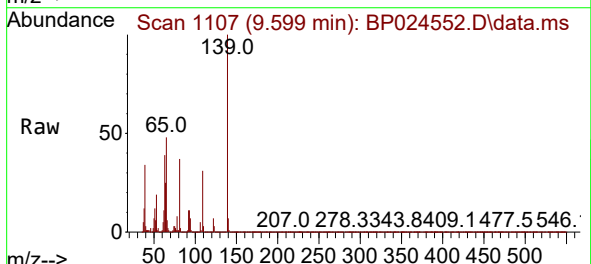
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

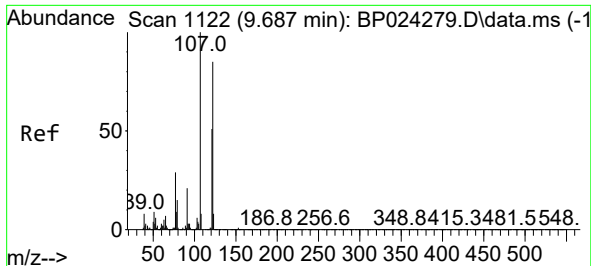
Tgt Ion: 82 Resp: 956187
Ion Ratio Lower Upper
82 100
95 7.7 5.4 8.2
138 19.5 14.4 21.6



#26
2-Nitrophenol
Concen: 49.163 ng
RT: 9.599 min Scan# 1107
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 139 Resp: 271234
Ion Ratio Lower Upper
139 100
109 31.3 21.8 32.6
65 47.7 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 68.065 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

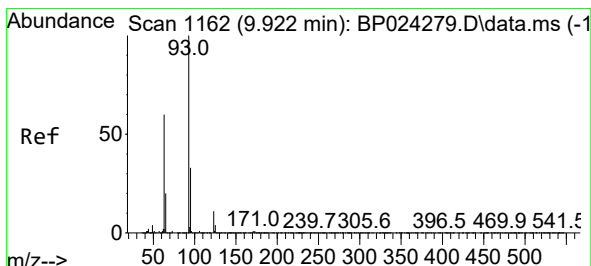
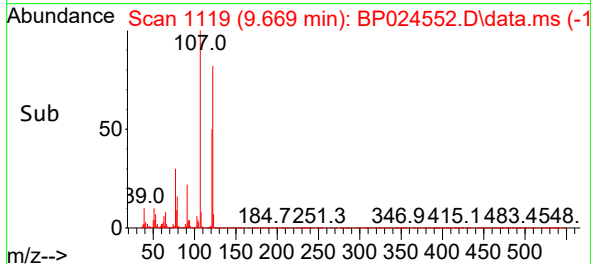
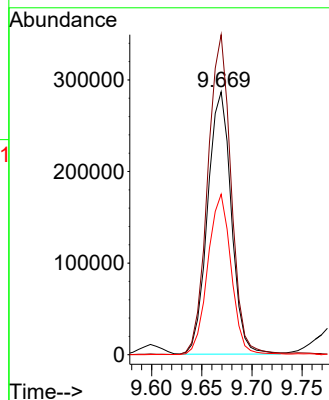
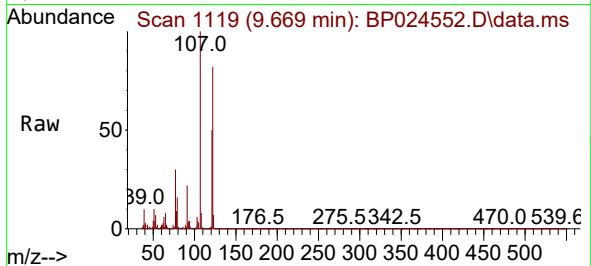
Tgt Ion:122 Resp: 471513

Ion Ratio Lower Upper

122 100

107 121.7 93.7 140.5

121 61.1 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.348 ng

RT: 9.893 min Scan# 1157

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

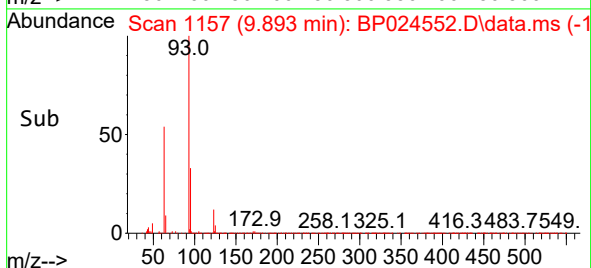
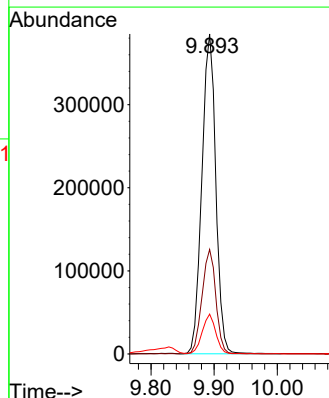
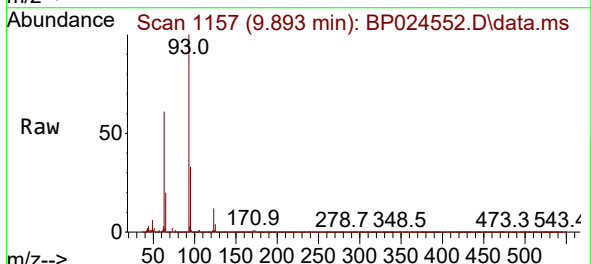
Tgt Ion: 93 Resp: 590120

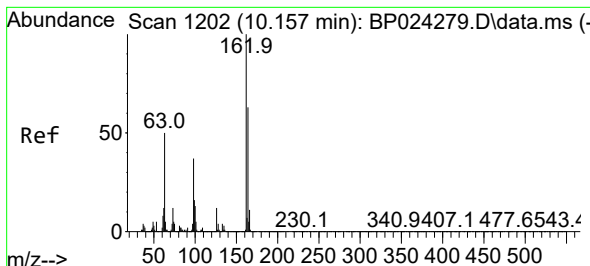
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 12.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.021 ng

RT: 10.140 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

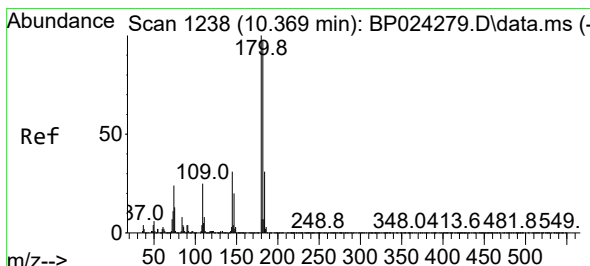
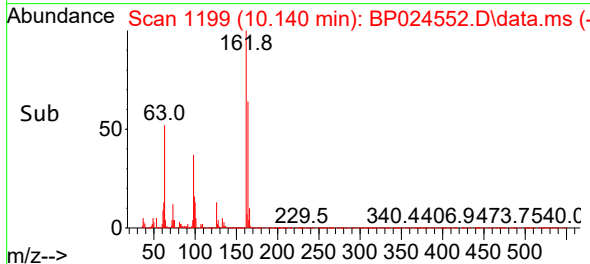
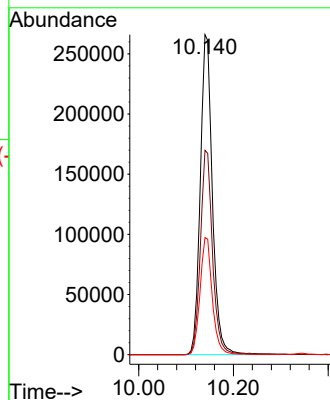
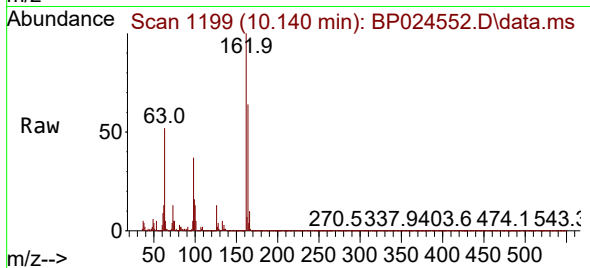
Tgt Ion:162 Resp: 472467

Ion Ratio Lower Upper

162 100

164 63.8 43.3 83.3

98 36.6 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 46.010 ng

RT: 10.346 min Scan# 1234

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

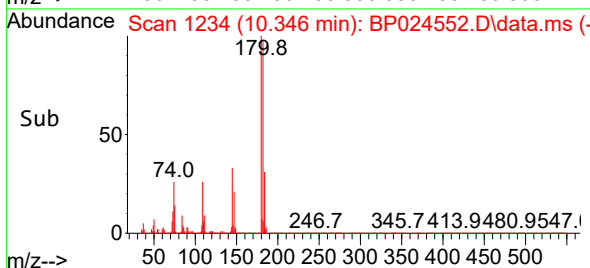
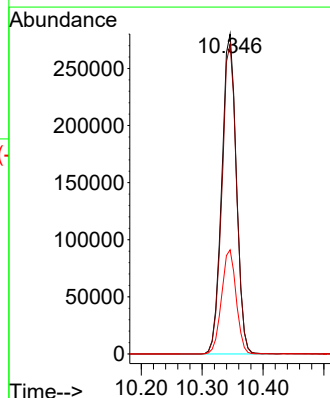
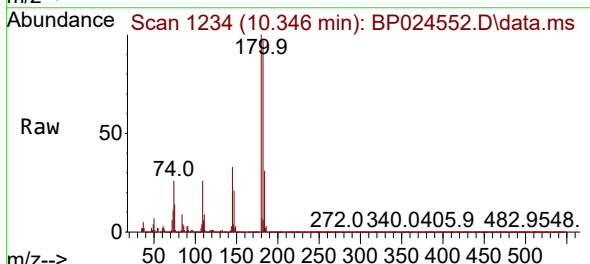
Tgt Ion:180 Resp: 465620

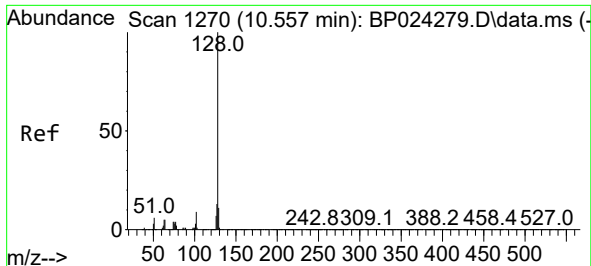
Ion Ratio Lower Upper

180 100

182 96.9 77.3 115.9

145 32.6 25.1 37.7

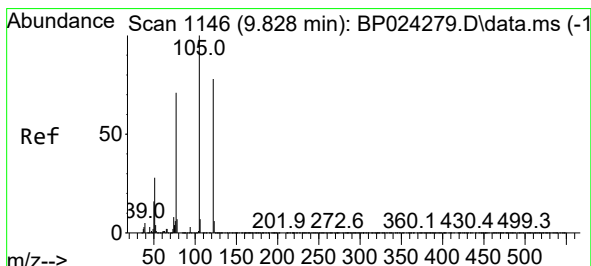
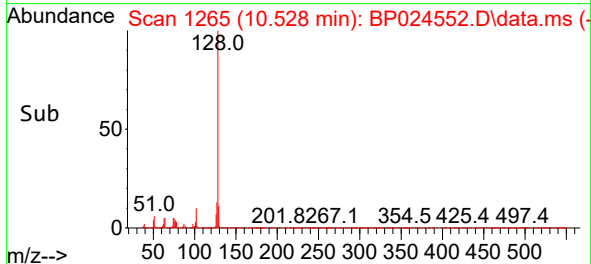
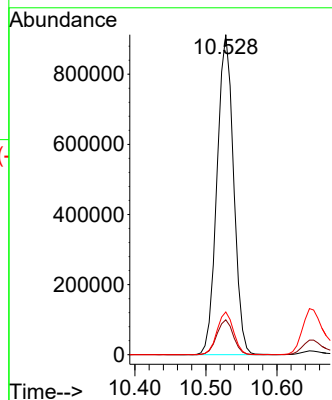
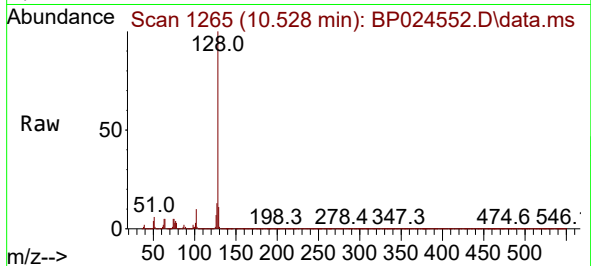




#31
Naphthalene
Concen: 43.076 ng
RT: 10.528 min Scan# 11265
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

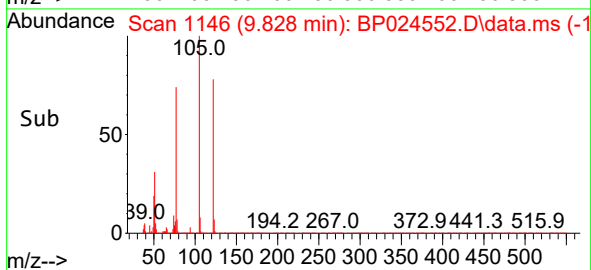
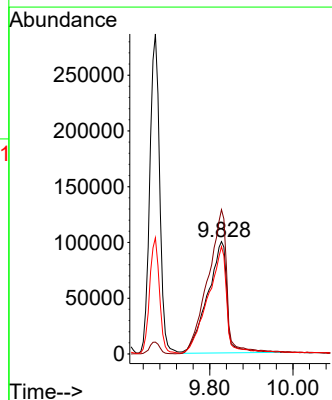
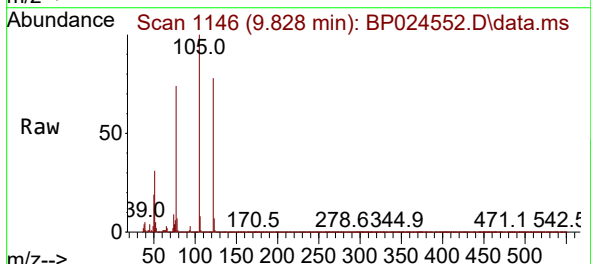
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

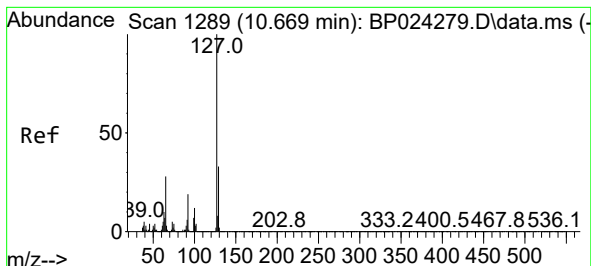
Tgt Ion:128 Resp: 1474499
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.4 10.3 15.5



#32
Benzoic acid
Concen: 40.102 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:122 Resp: 323698
Ion Ratio Lower Upper
122 100
105 128.5 104.8 144.8
77 95.6 69.2 109.2





#33

4-Chloroaniline

Concen: 25.411 ng

RT: 10.646 min Scan# 11

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

Tgt Ion:127 Resp: 306313

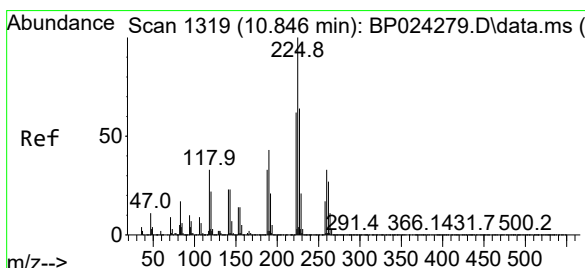
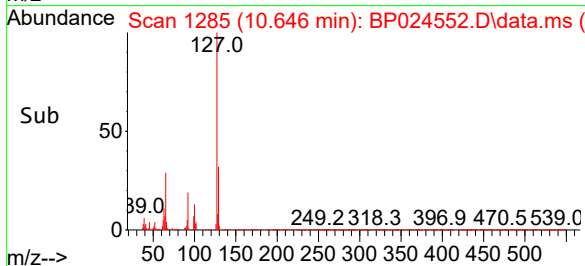
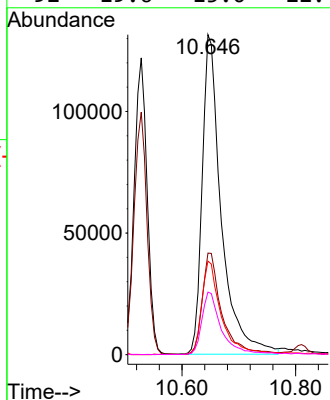
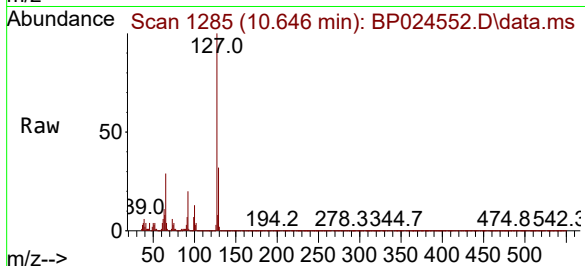
Ion Ratio Lower Upper

127 100

129 31.7 26.1 39.1

65 29.2 22.1 33.1

92 19.6 15.0 22.4



#34

Hexachlorobutadiene

Concen: 49.546 ng

RT: 10.810 min Scan# 1313

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

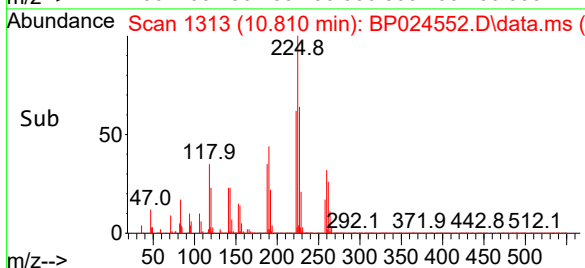
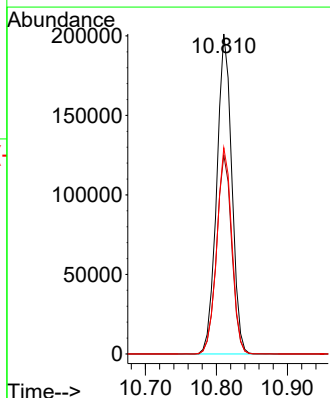
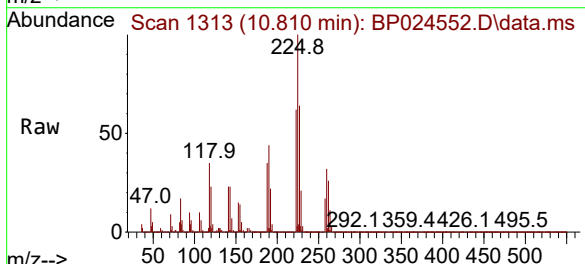
Tgt Ion:225 Resp: 294643

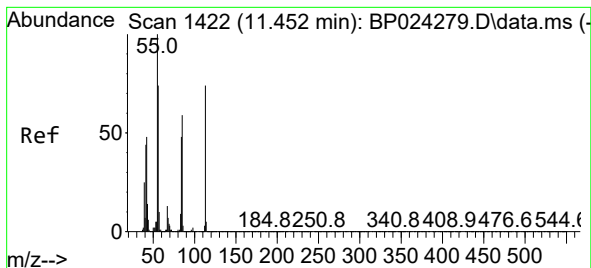
Ion Ratio Lower Upper

225 100

223 62.2 49.5 74.3

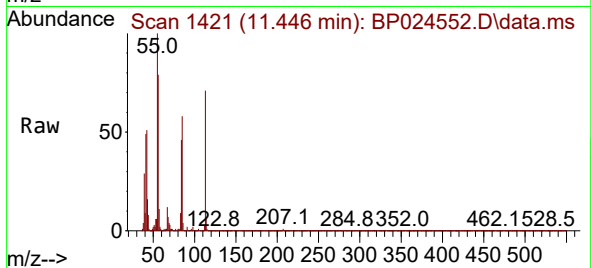
227 64.4 50.9 76.3



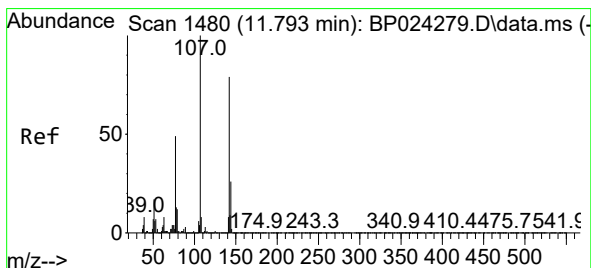
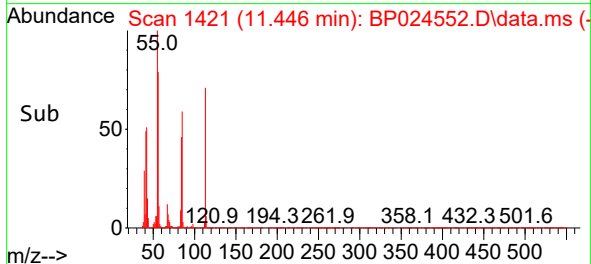
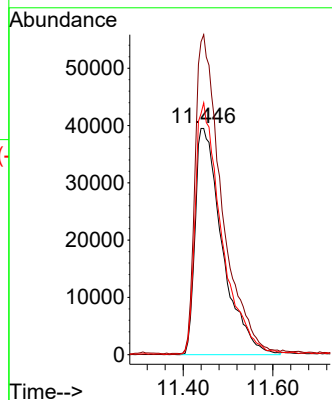


#35
Caprolactam
Concen: 47.324 ng
RT: 11.446 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

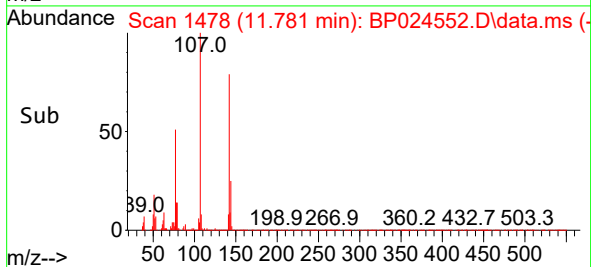
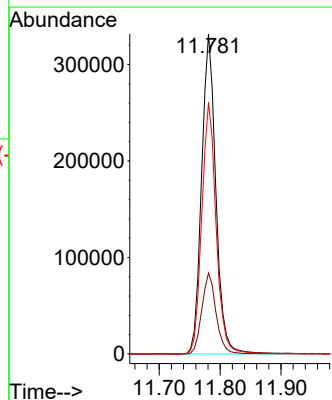
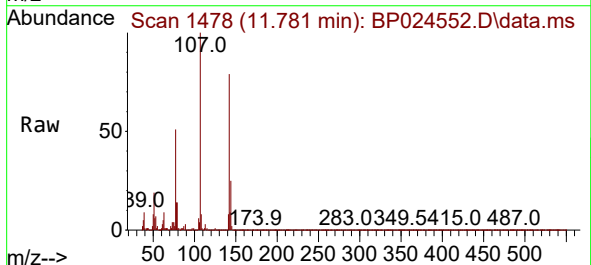


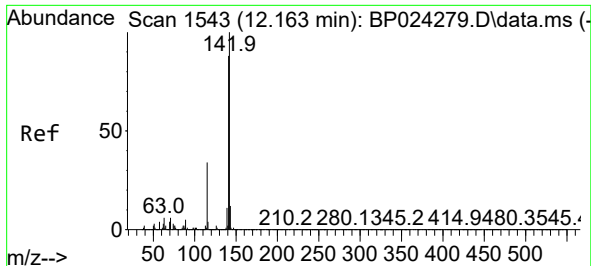
Tgt Ion:113 Resp: 164934
Ion Ratio Lower Upper
113 100
55 141.4 115.9 155.9
56 111.3 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 48.983 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:107 Resp: 538899
Ion Ratio Lower Upper
107 100
144 25.3 20.5 30.7
142 78.6 63.4 95.2

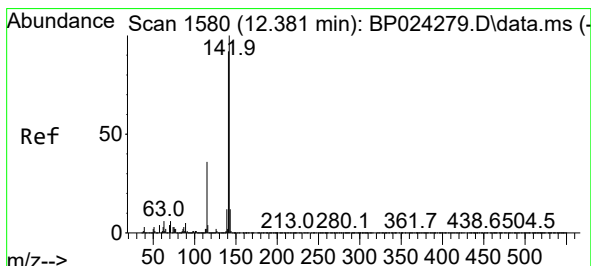
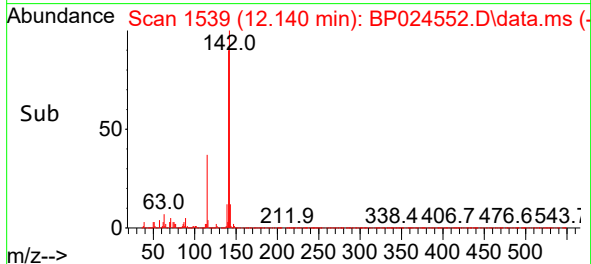
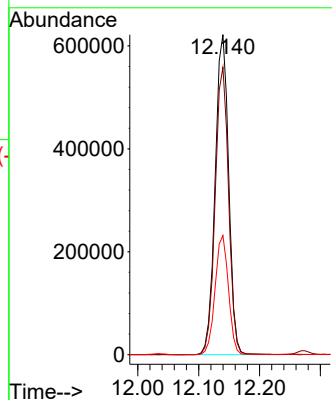
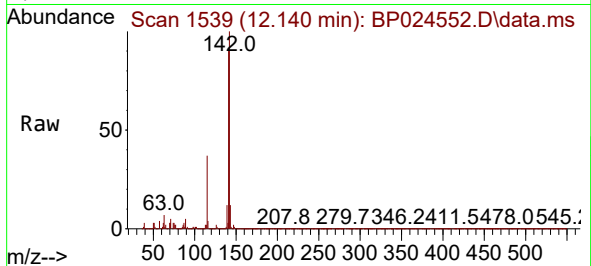




#37
2-Methylnaphthalene
Concen: 40.251 ng
RT: 12.140 min Scan# 1539
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

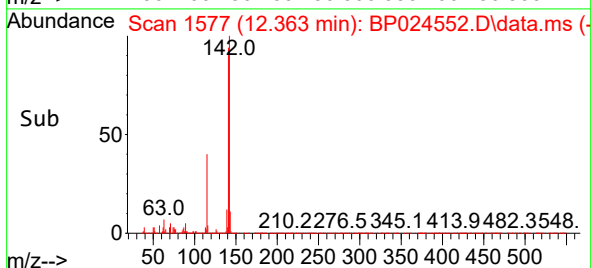
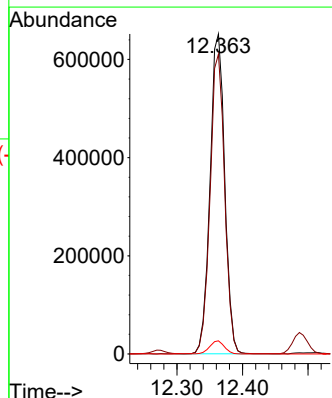
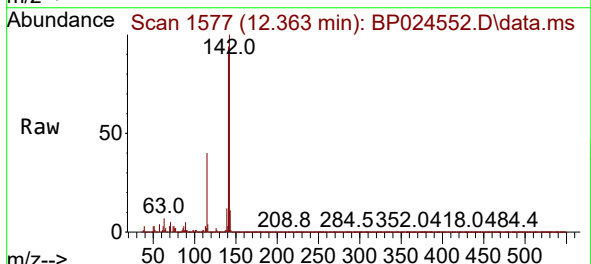
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

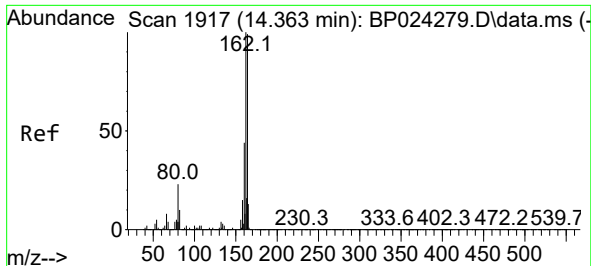
Tgt Ion:142 Resp: 955540
Ion Ratio Lower Upper
142 100
141 89.8 70.3 105.5
115 37.3 26.9 40.3



#38
1-Methylnaphthalene
Concen: 43.694 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:142 Resp: 1014735
Ion Ratio Lower Upper
142 100
141 93.7 73.6 110.4
116 4.1 3.0 4.6

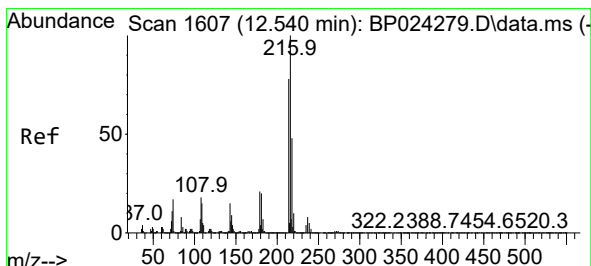
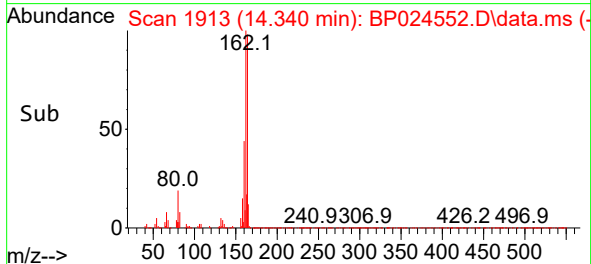
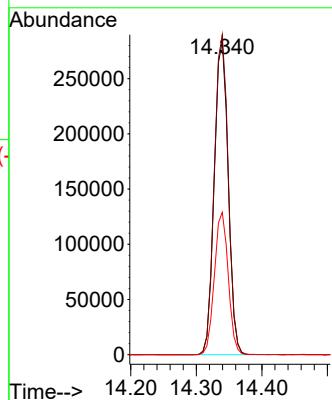
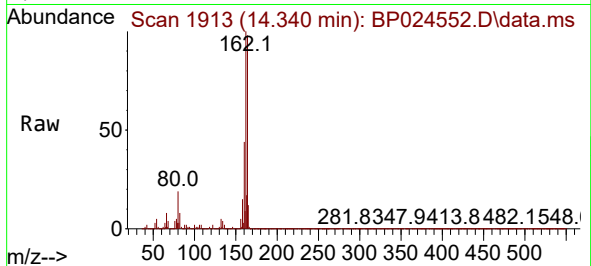




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

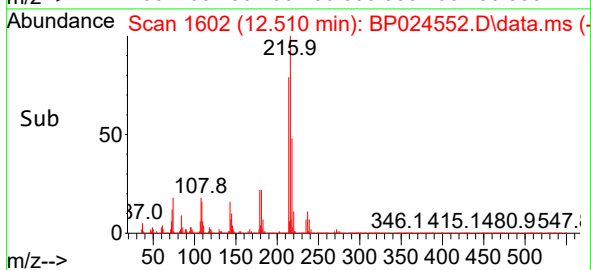
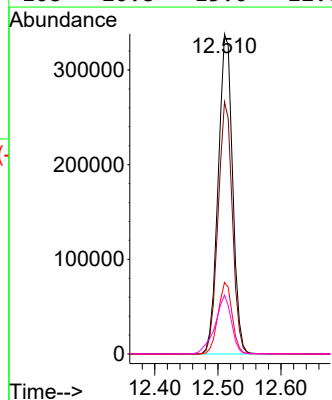
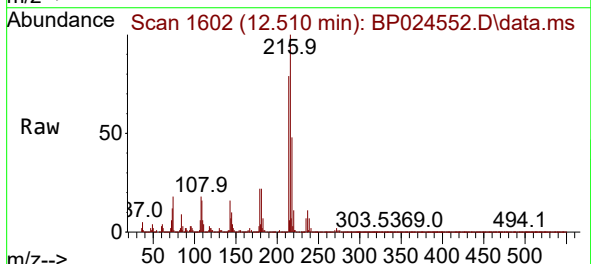
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

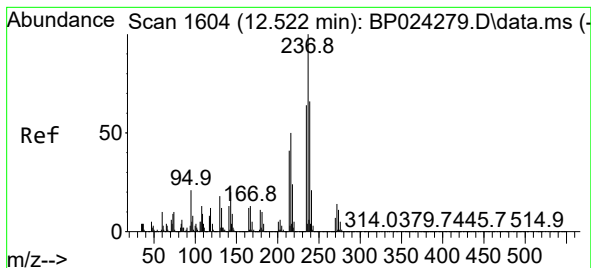
Tgt Ion:164 Resp: 418006
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 45.4 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.501 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:216 Resp: 534535
Ion Ratio Lower Upper
216 100
214 78.3 62.6 93.8
179 22.0 17.2 25.8
108 20.8 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 137.957 ng

RT: 12.487 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

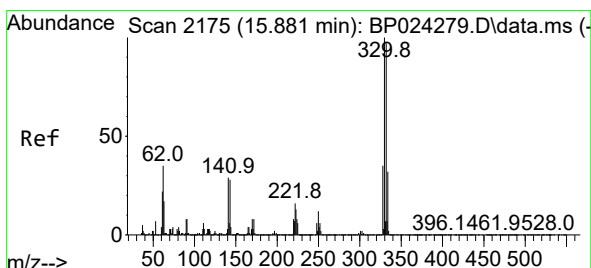
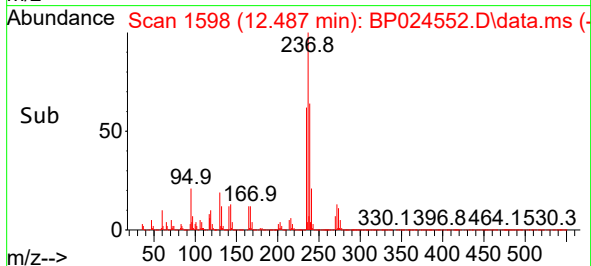
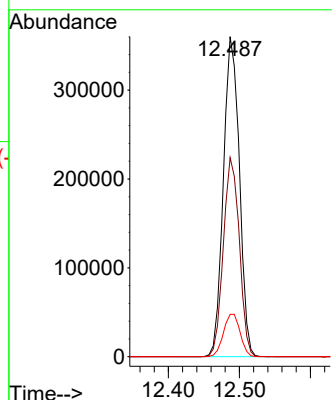
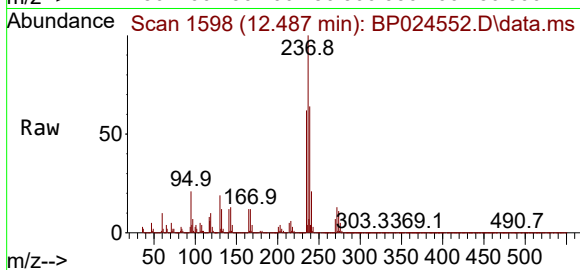
Tgt Ion:237 Resp: 560872

Ion Ratio Lower Upper

237 100

235 62.2 43.9 83.9

272 13.2 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 125.312 ng

RT: 15.857 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

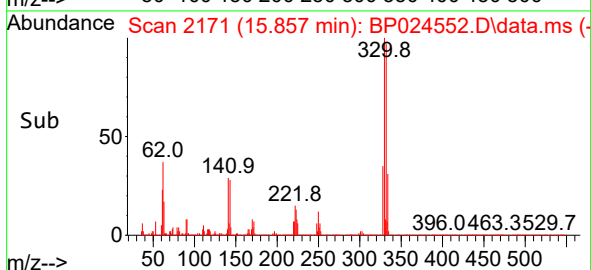
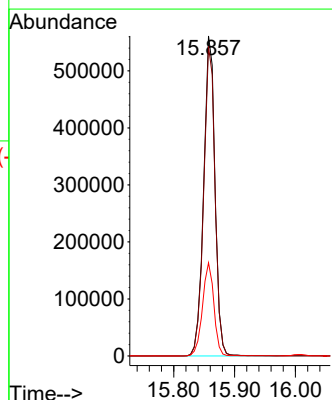
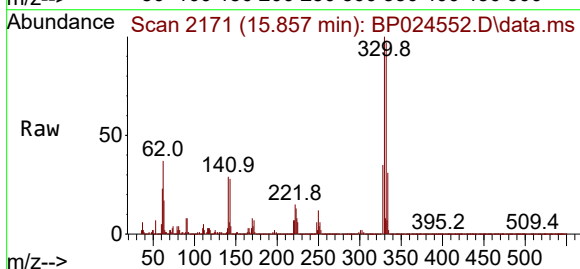
Tgt Ion:330 Resp: 724719

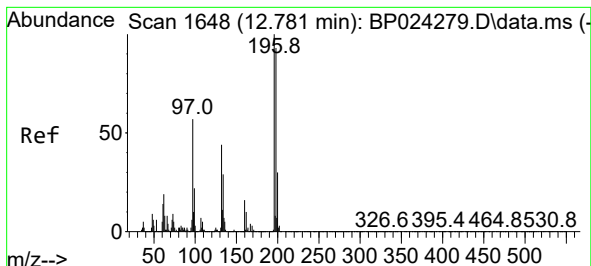
Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 29.3 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.114 ng

RT: 12.757 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

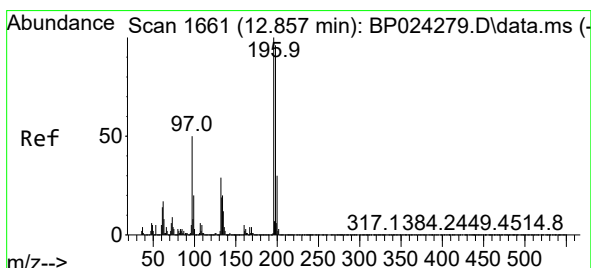
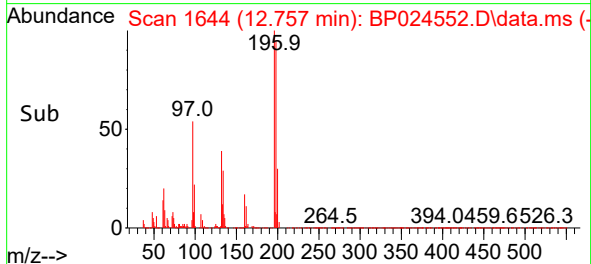
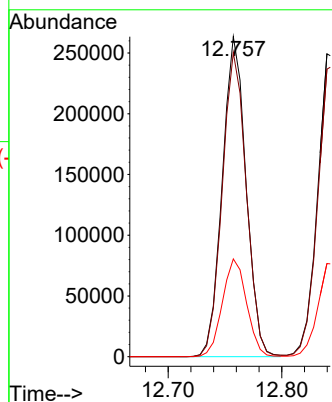
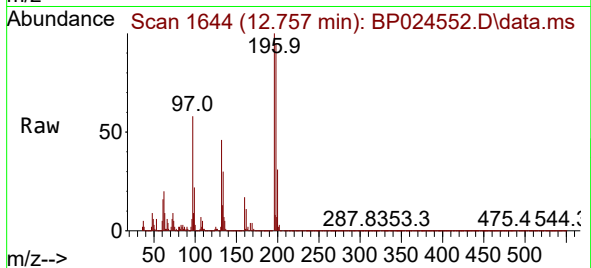
Tgt Ion:196 Resp: 383001

Ion Ratio Lower Upper

196 100

198 95.0 74.3 111.5

200 30.6 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 50.405 ng

RT: 12.840 min Scan# 1658

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Tgt Ion:196 Resp: 426586

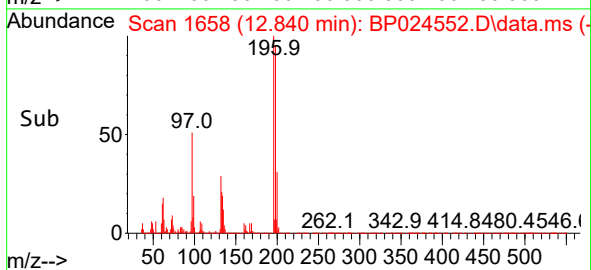
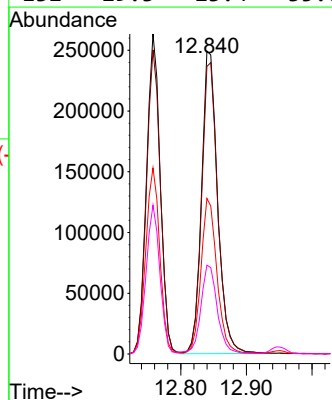
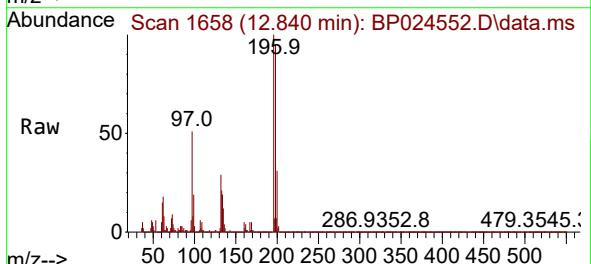
Ion Ratio Lower Upper

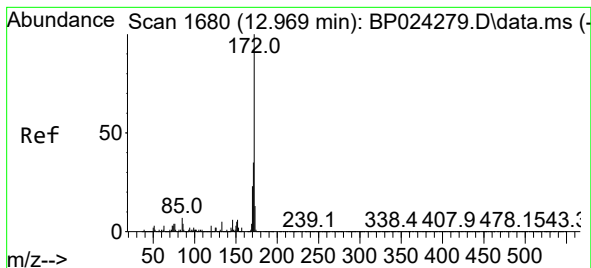
196 100

198 94.9 77.3 115.9

97 51.4 40.4 60.6

132 29.3 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 66.136 ng

RT: 12.951 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

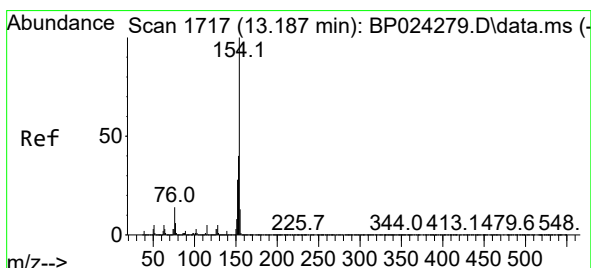
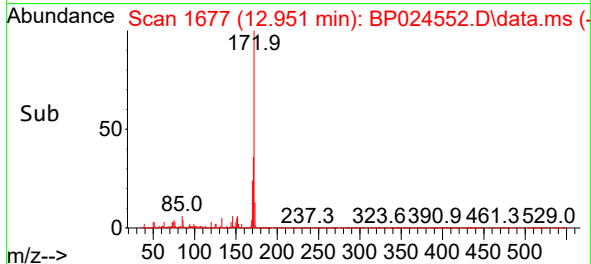
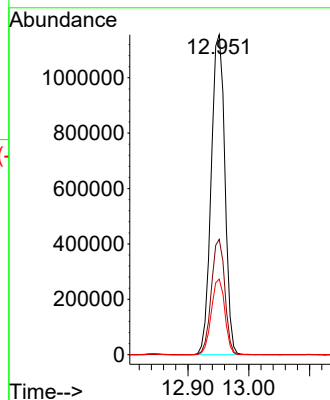
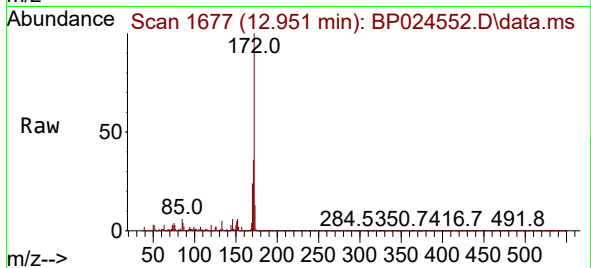
Tgt Ion:172 Resp: 1805561

Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.2

170 23.6 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.325 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

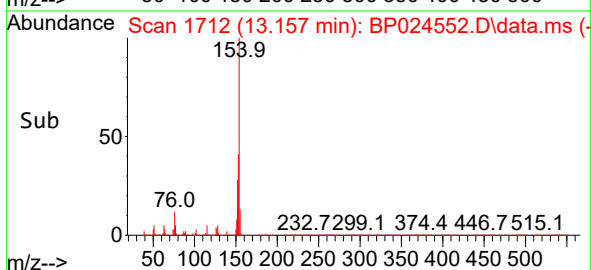
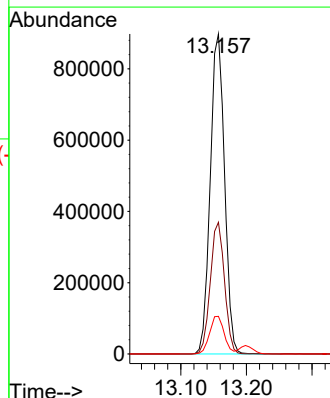
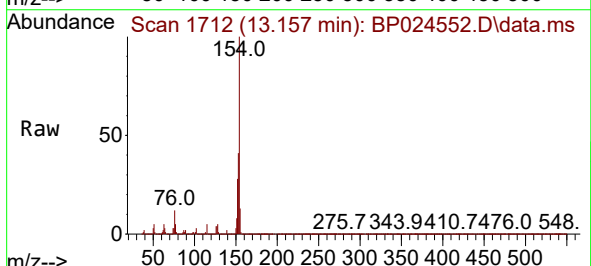
Tgt Ion:154 Resp: 1361923

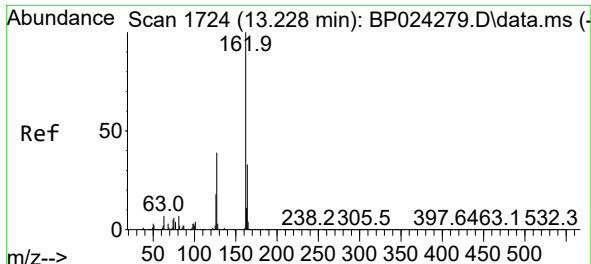
Ion Ratio Lower Upper

154 100

153 41.2 20.3 60.3

76 11.7 0.0 33.5

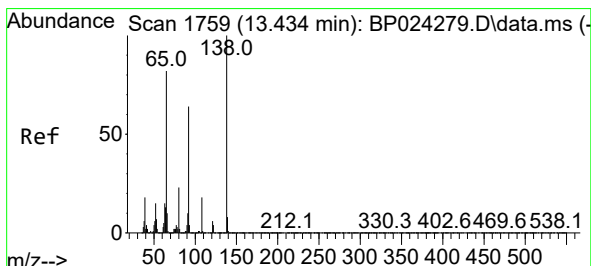
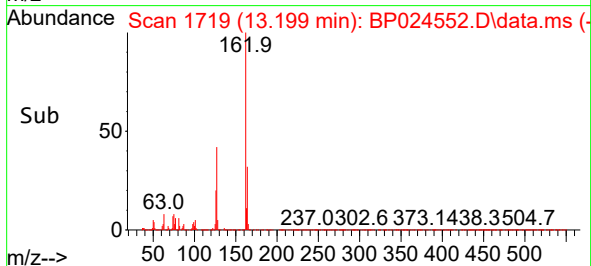
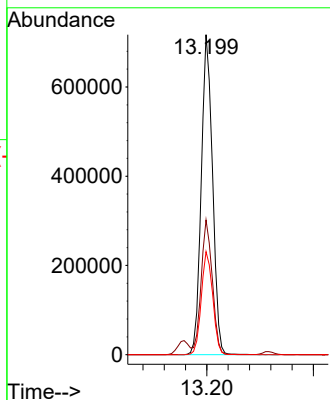
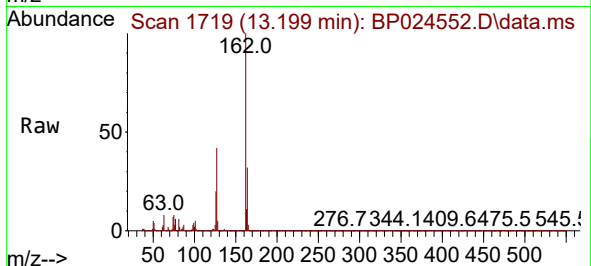




#47
2-Chloronaphthalene
Concen: 45.777 ng
RT: 13.199 min Scan# 1719
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

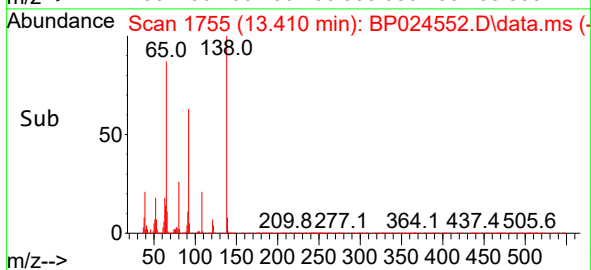
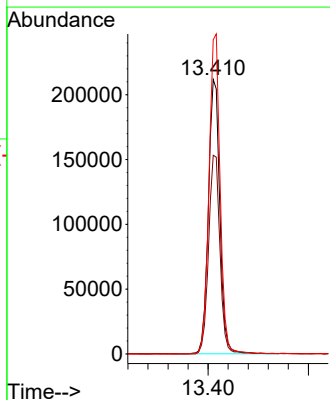
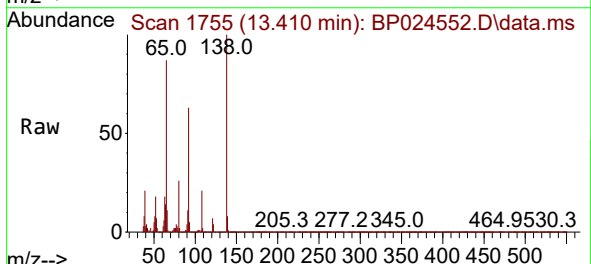
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

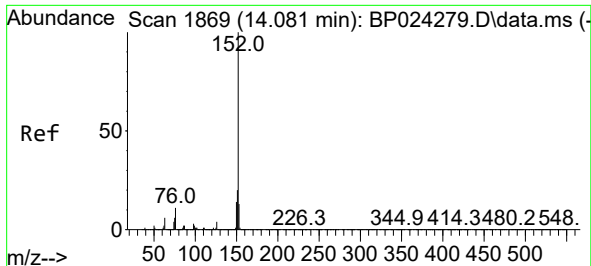
Tgt Ion:162 Resp: 1051229
Ion Ratio Lower Upper
162 100
127 42.1 31.9 47.9
164 32.2 26.2 39.4



#48
2-Nitroaniline
Concen: 52.001 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 65 Resp: 334963
Ion Ratio Lower Upper
65 100
92 72.4 62.3 93.5
138 114.5 97.2 145.8

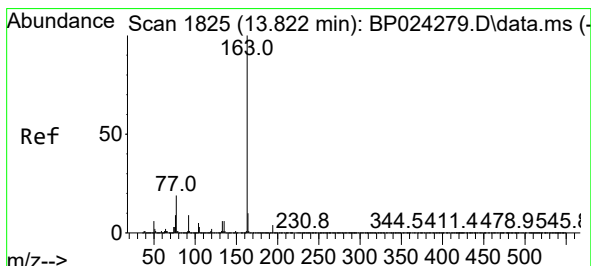
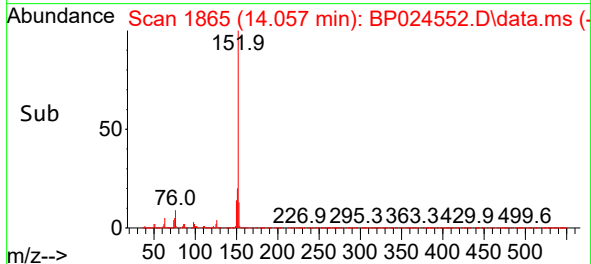
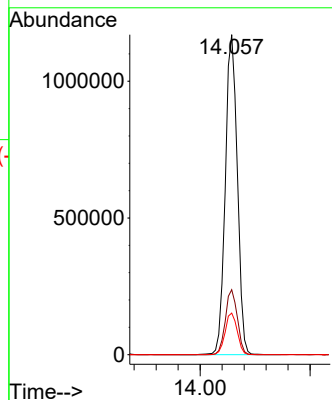
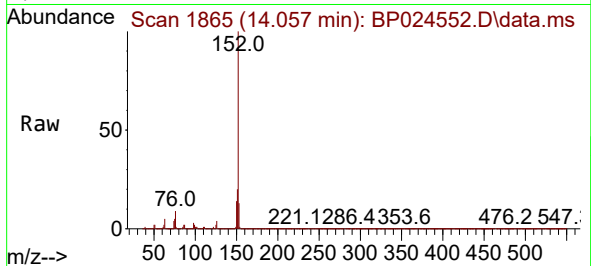




#49
Acenaphthylene
Concen: 49.016 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

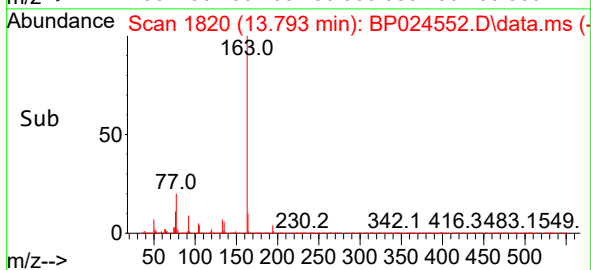
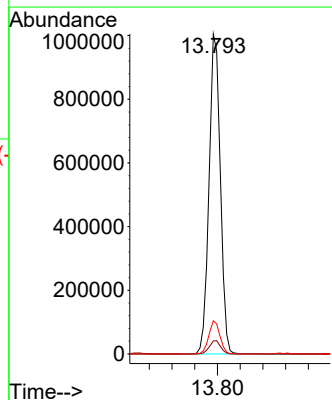
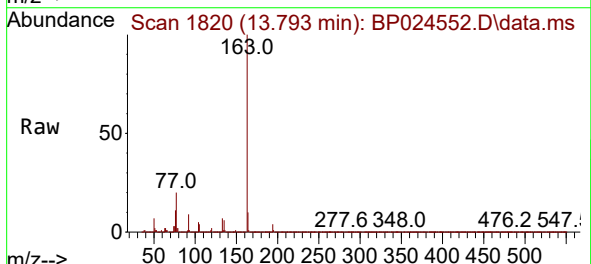
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

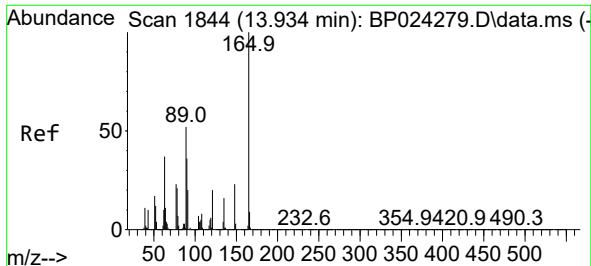
Tgt Ion:152 Resp: 1772177
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 45.371 ng
RT: 13.793 min Scan# 1820
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:163 Resp: 1379203
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.4 8.0 12.0

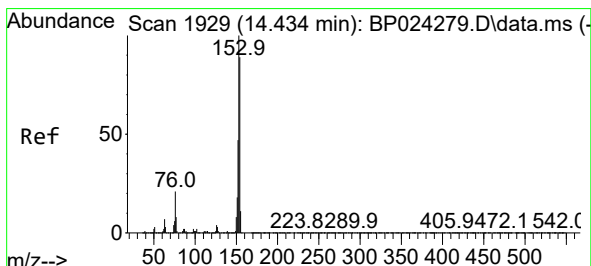
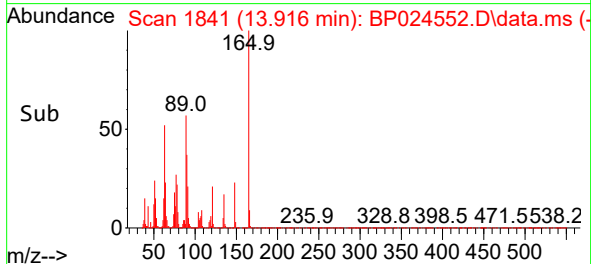
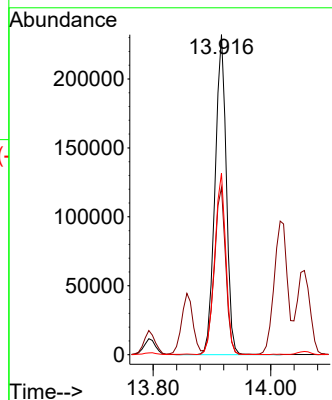
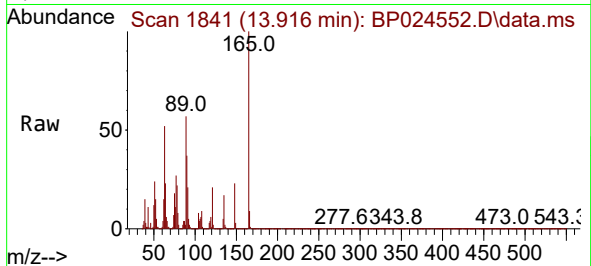




#51
2,6-Dinitrotoluene
Concen: 47.775 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

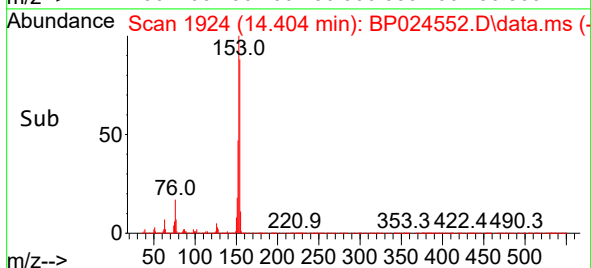
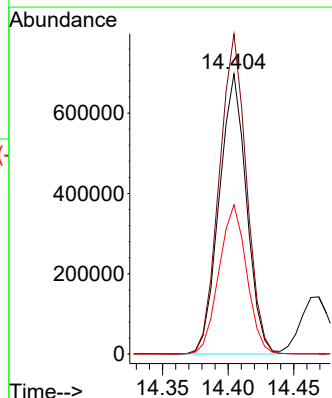
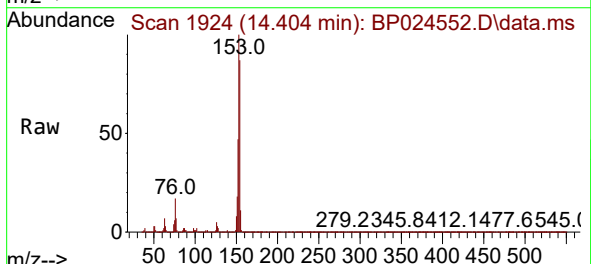
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

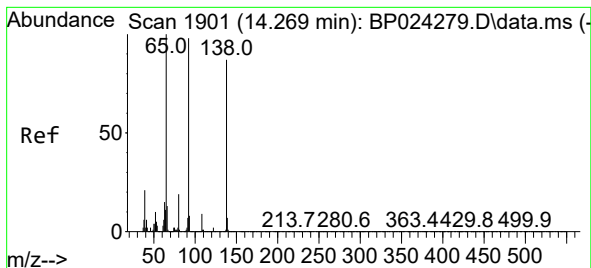
Tgt Ion:165 Resp: 308388
Ion Ratio Lower Upper
165 100
63 52.3 38.0 57.0
89 56.7 41.7 62.5



#52
Acenaphthene
Concen: 44.039 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:154 Resp: 1009427
Ion Ratio Lower Upper
154 100
153 114.3 89.8 134.6
152 53.3 42.6 63.8

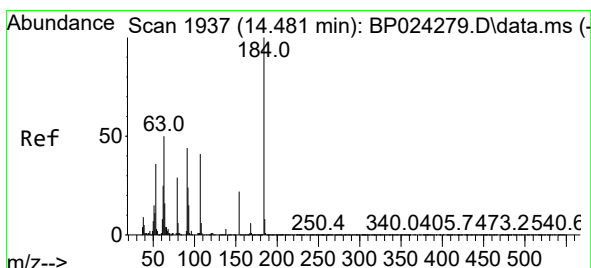
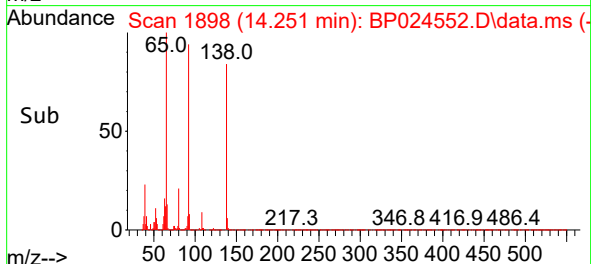
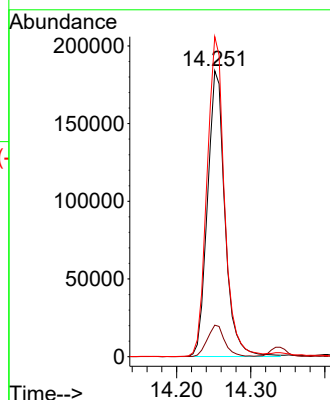
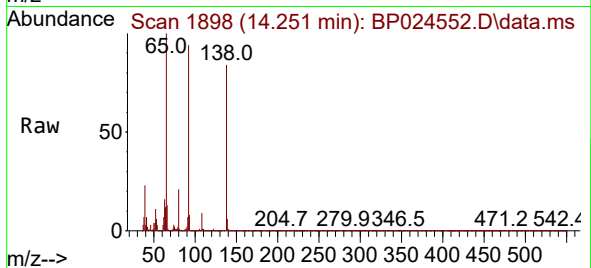




#53
3-Nitroaniline
Concen: 44.335 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

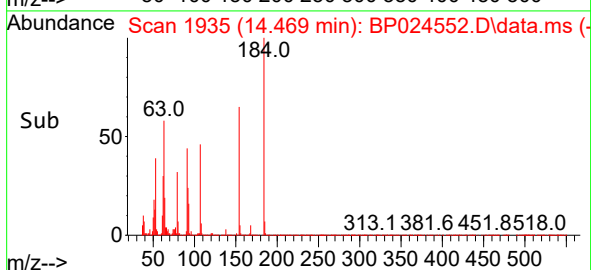
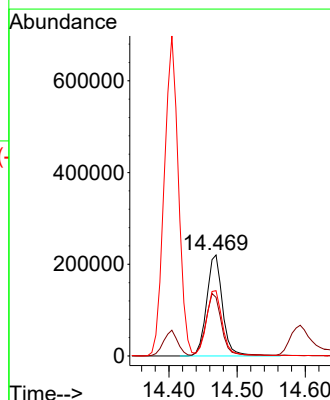
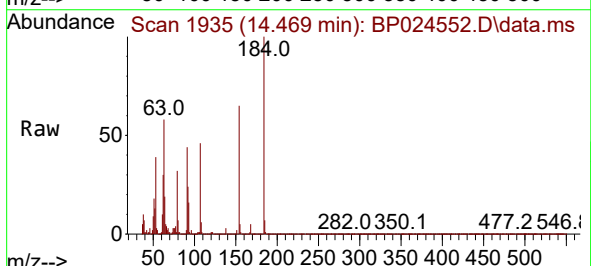
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

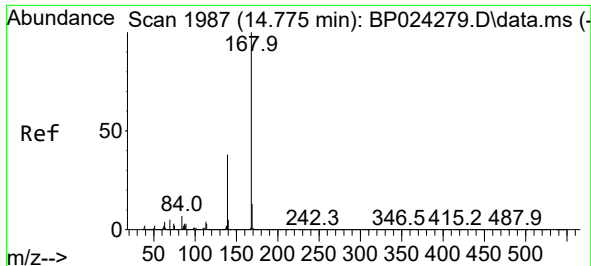
Tgt Ion:138 Resp: 300781
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 111.9 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 93.869 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:184 Resp: 356916
Ion Ratio Lower Upper
184 100
63 58.1 42.6 64.0
154 64.6 47.2 70.8

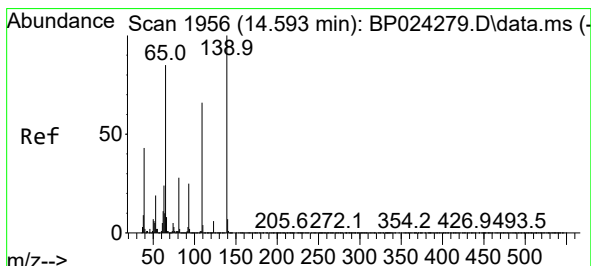
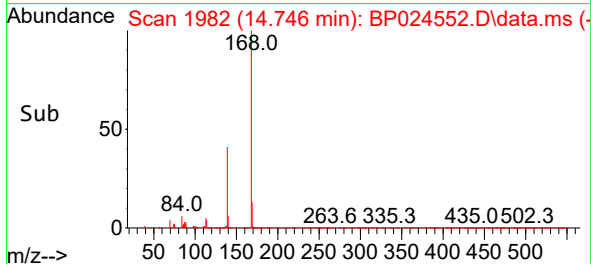
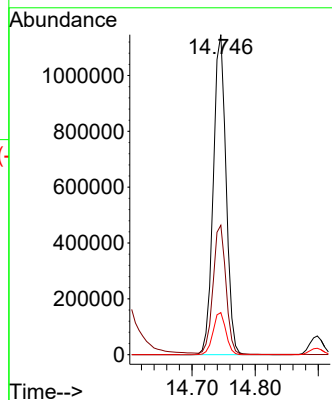
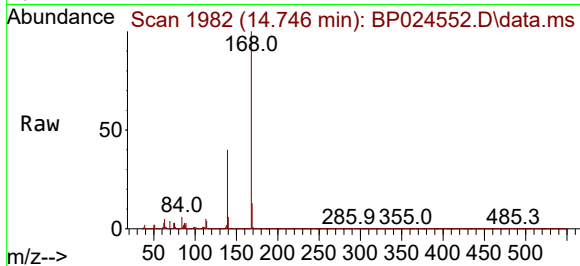




#55
Dibenzofuran
Concen: 42.877 ng
RT: 14.746 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

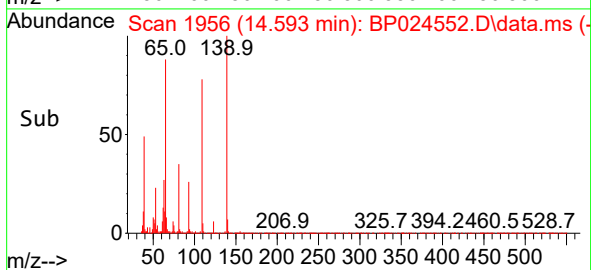
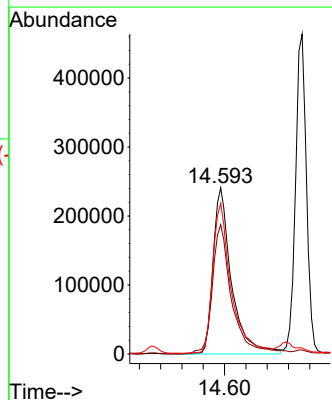
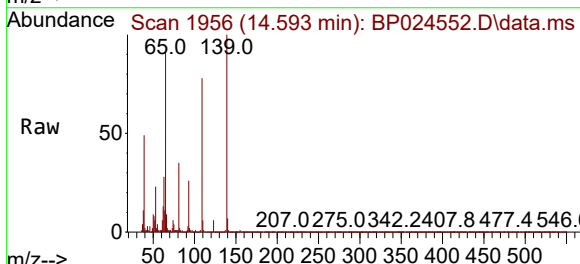
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

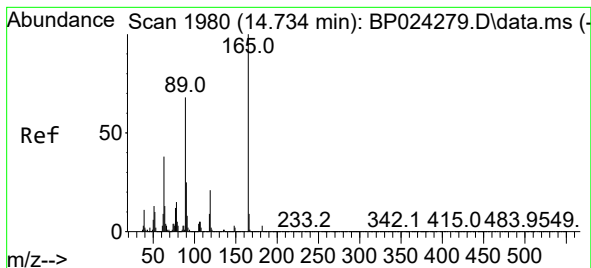
Tgt Ion:168 Resp: 1606452
Ion Ratio Lower Upper
168 100
139 40.5 30.3 45.5
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 98.447 ng
RT: 14.593 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:139 Resp: 576827
Ion Ratio Lower Upper
139 100
109 77.7 46.1 86.1
65 90.5 65.0 105.0

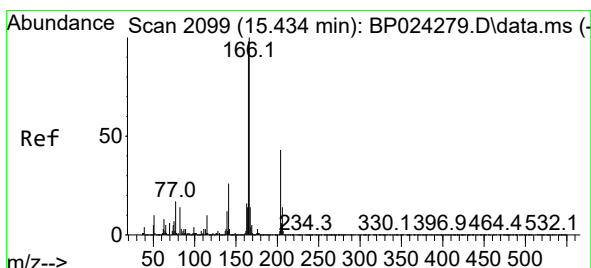
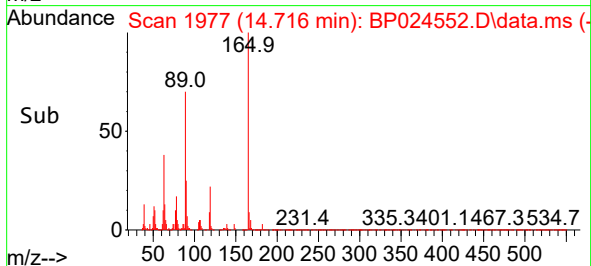
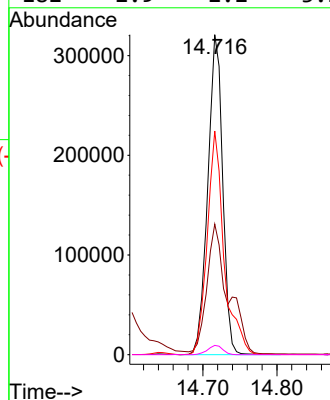
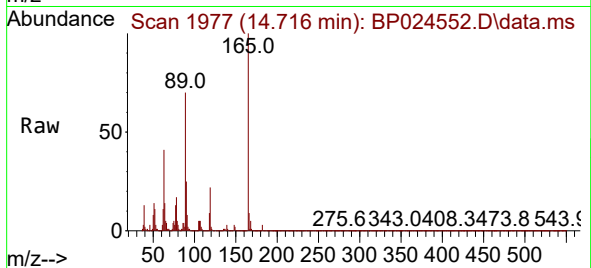




#57
2,4-Dinitrotoluene
Concen: 50.725 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

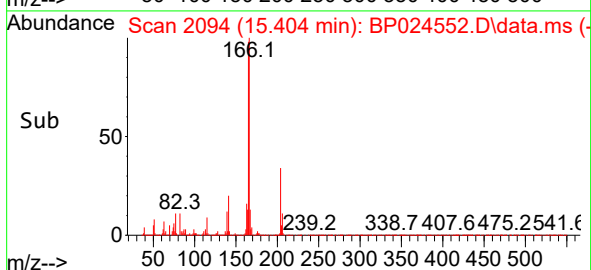
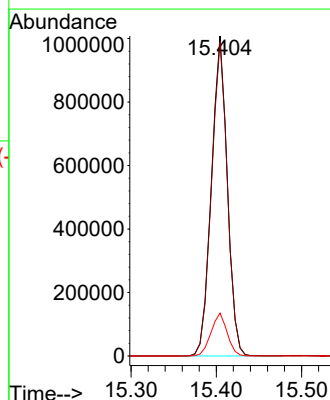
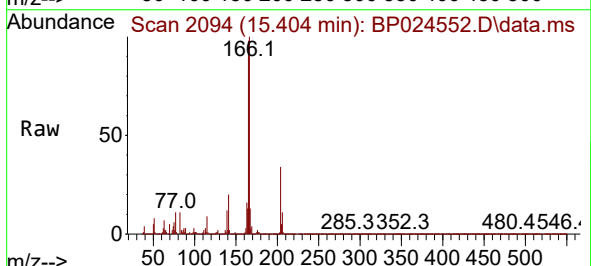
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

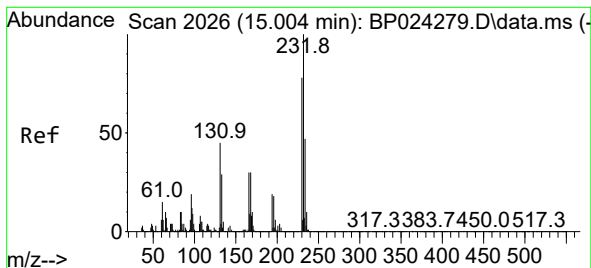
Tgt Ion:165 Resp: 446655
Ion Ratio Lower Upper
165 100
63 40.8 30.4 45.6
89 69.9 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 44.944 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:166 Resp: 1303551
Ion Ratio Lower Upper
166 100
165 98.2 78.1 117.1
167 13.4 10.9 16.3

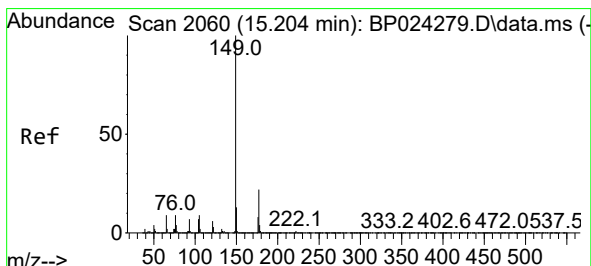
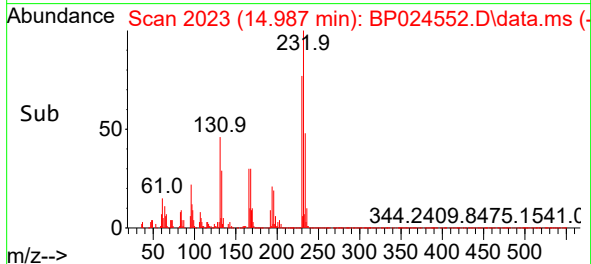
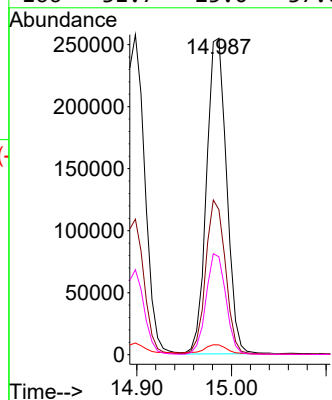
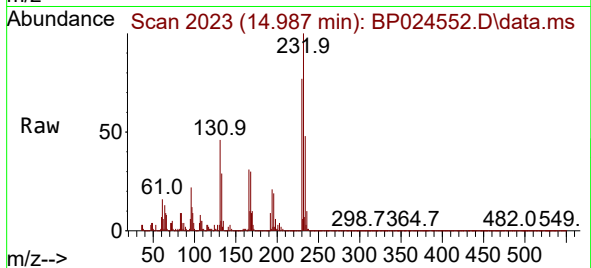




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.017 ng
RT: 14.987 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

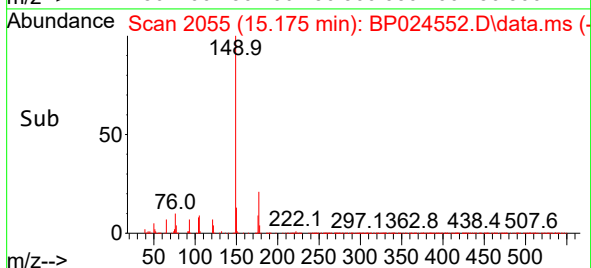
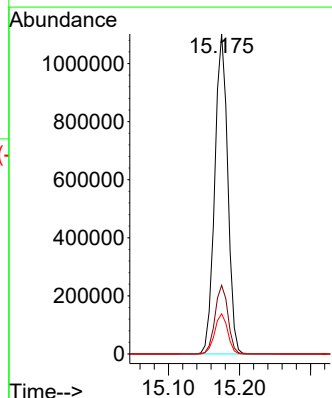
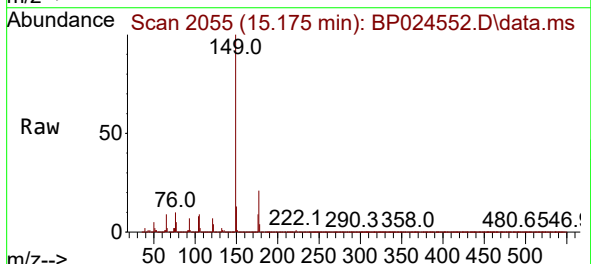
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

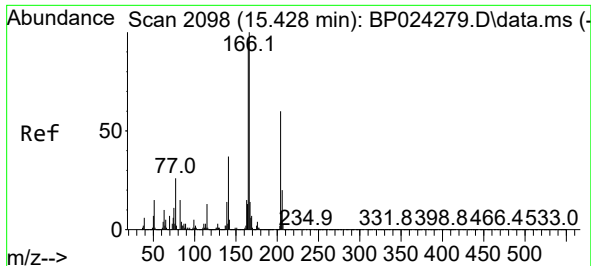
Tgt Ion:232 Resp: 374808
Ion Ratio Lower Upper
232 100
131 48.8 36.8 55.2
130 4.1 1.9 2.9#
166 31.7 25.0 37.6



#60
Diethylphthalate
Concen: 44.495 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:149 Resp: 1393842
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.2
150 12.6 10.1 15.1

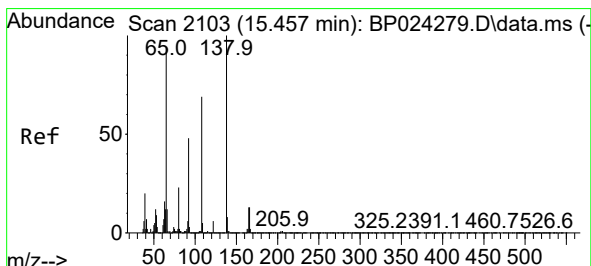
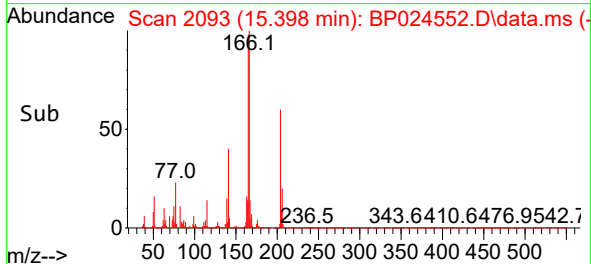
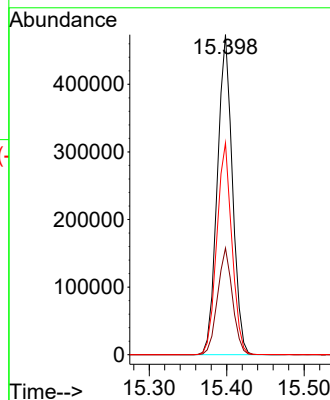
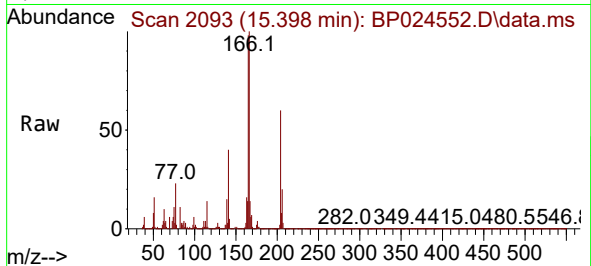




#61
4-Chlorophenyl-phenylether
Concen: 45.455 ng
RT: 15.398 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

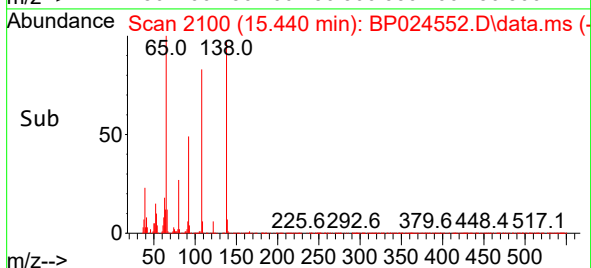
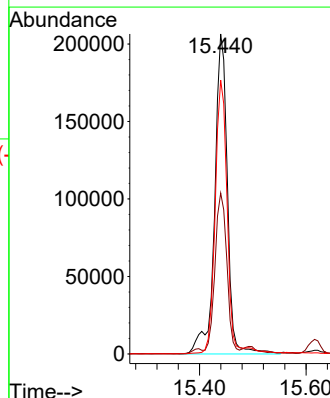
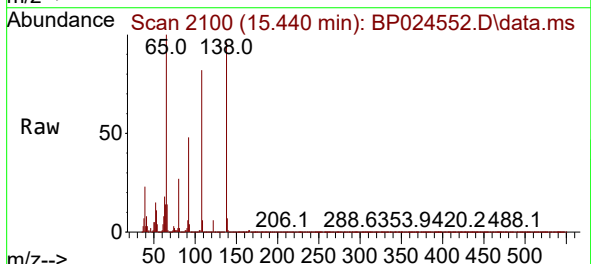
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

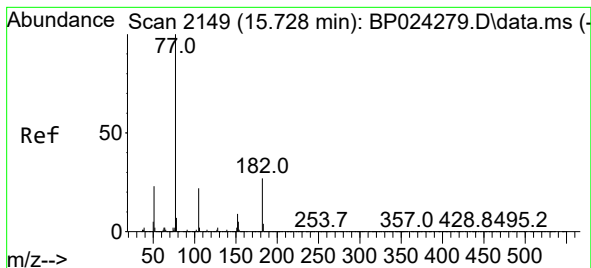
Tgt Ion:204 Resp: 640203
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 66.1 49.4 74.0



#62
4-Nitroaniline
Concen: 47.912 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:138 Resp: 344101
Ion Ratio Lower Upper
138 100
92 50.3 27.8 67.8
108 85.6 48.9 88.9





#63

Azobenzene

Concen: 44.852 ng

RT: 15.698 min Scan# 2149

Delta R.T. -0.012 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

Tgt Ion: 77 Resp: 1291393

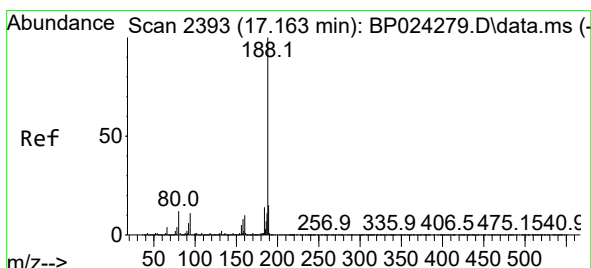
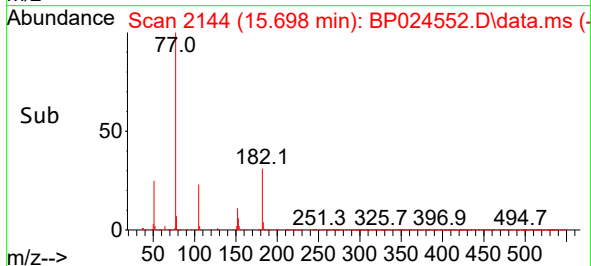
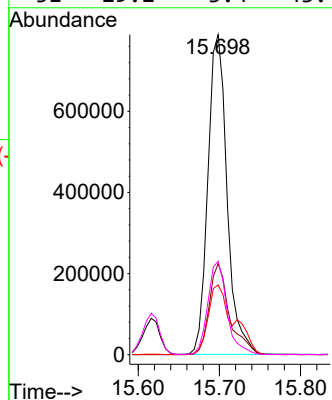
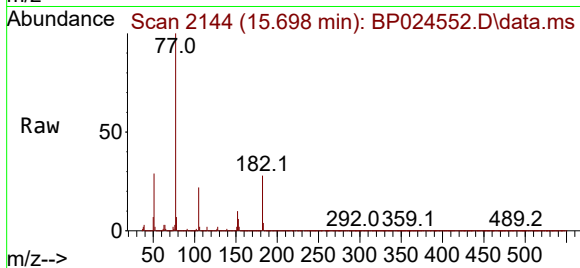
Ion Ratio Lower Upper

77 100

182 28.5 7.3 47.3

105 21.8 2.3 42.3

51 29.2 3.4 43.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.134 min Scan# 2388

Delta R.T. -0.012 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

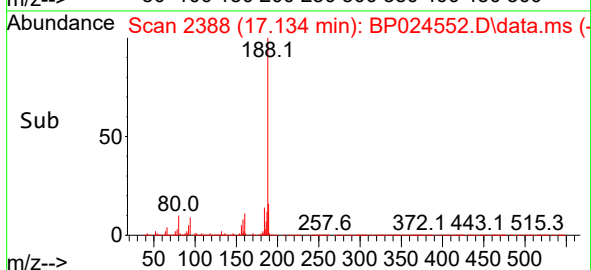
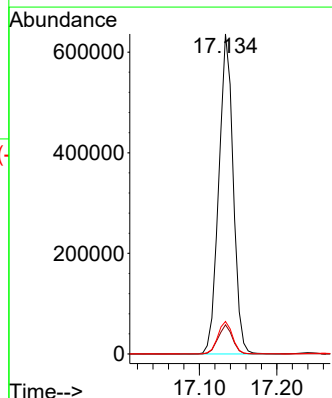
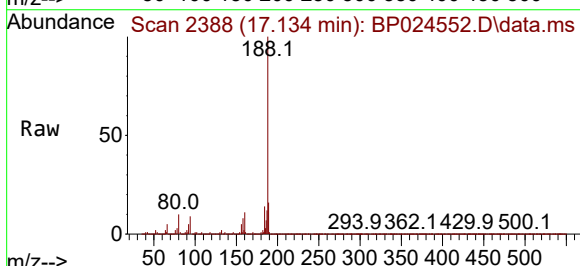
Tgt Ion: 188 Resp: 822120

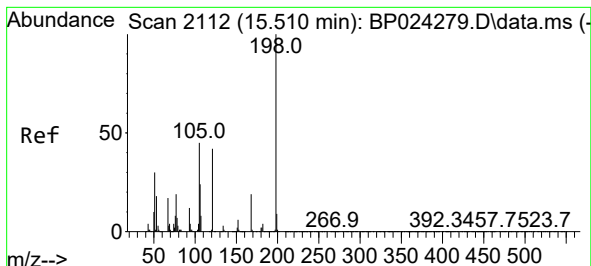
Ion Ratio Lower Upper

188 100

94 9.1 8.6 13.0

80 10.2 9.8 14.6

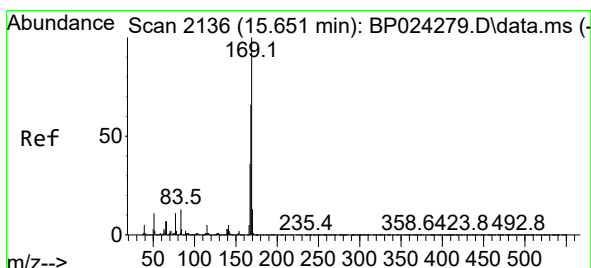
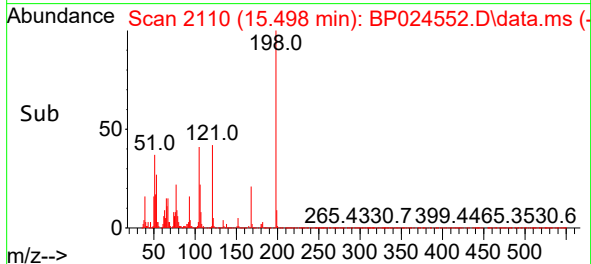
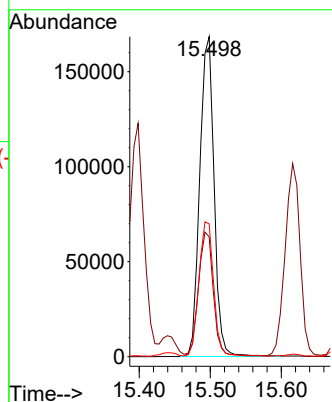
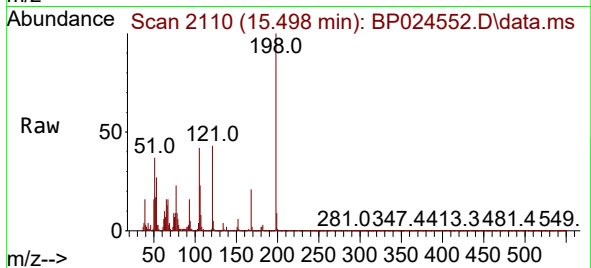




#65
4,6-Dinitro-2-methylphenol
Concen: 45.719 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

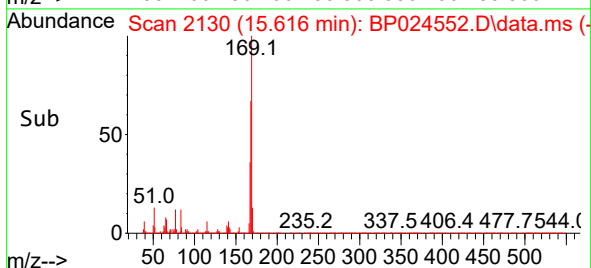
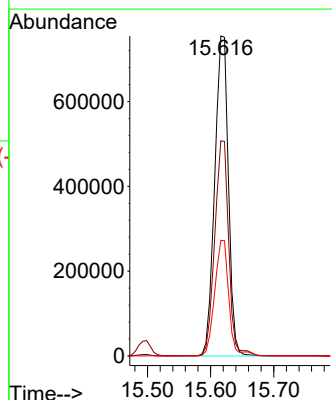
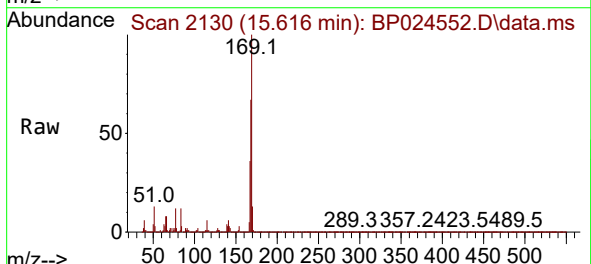
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

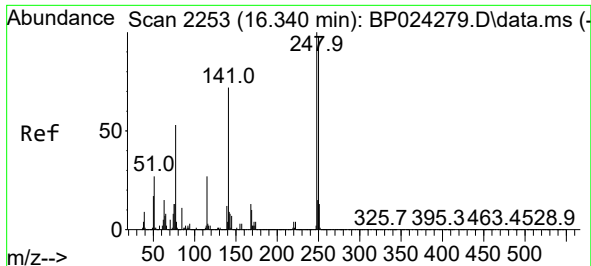
Tgt Ion:198 Resp: 236969
Ion Ratio Lower Upper
198 100
51 37.4 18.4 58.4
105 41.5 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 46.348 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:169 Resp: 1137293
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.4
167 36.1 28.9 43.3

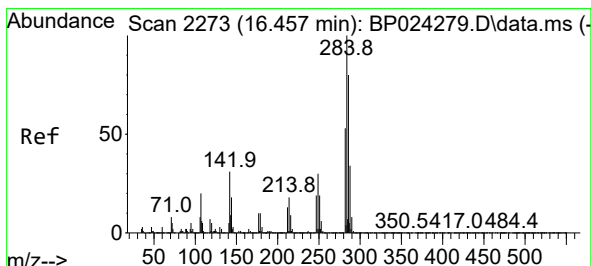
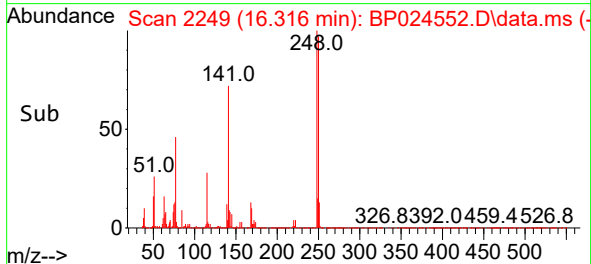
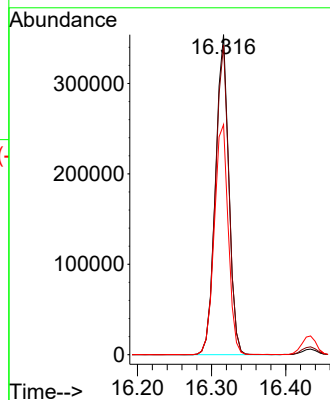
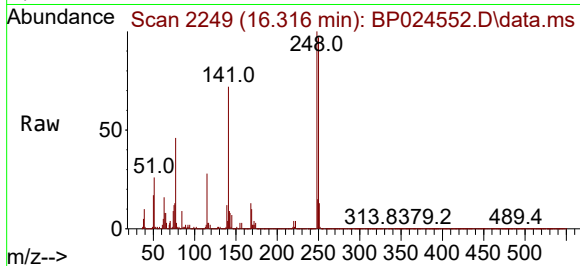




#67
4-Bromophenyl-phenylether
Concen: 49.167 ng
RT: 16.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

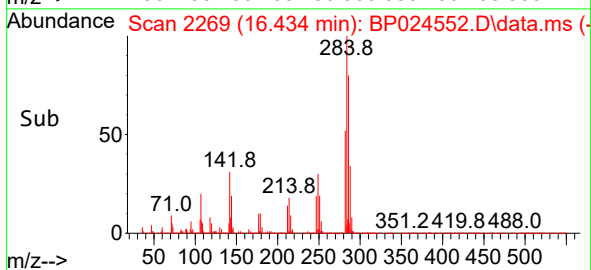
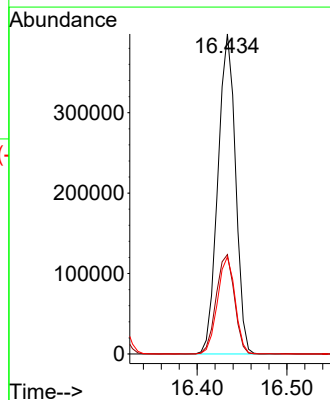
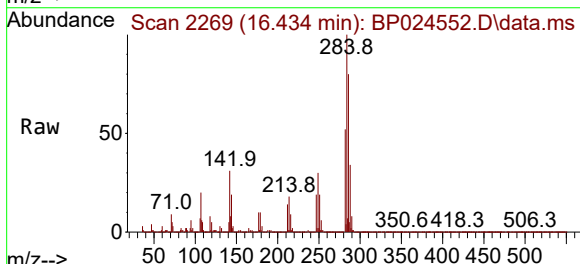
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

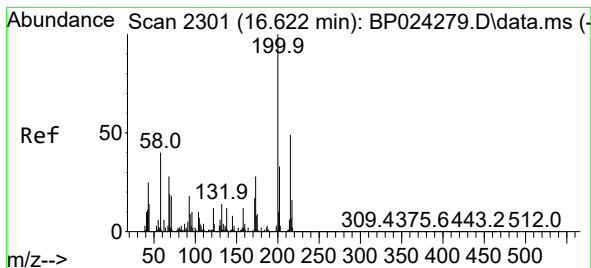
Tgt Ion:248 Resp: 442075
Ion Ratio Lower Upper
248 100
250 96.8 78.2 117.4
141 71.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 50.871 ng
RT: 16.434 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:284 Resp: 543514
Ion Ratio Lower Upper
284 100
142 31.0 24.6 37.0
249 30.4 23.8 35.6





#69

Atrazine

Concen: 64.826 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

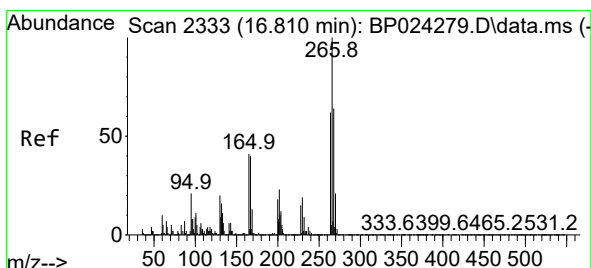
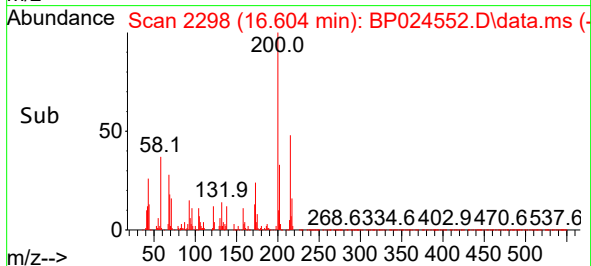
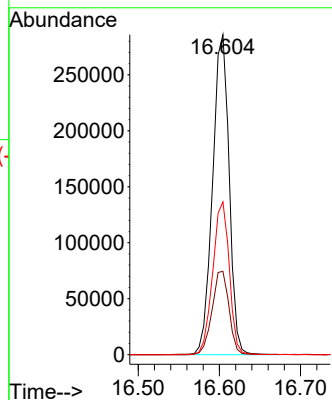
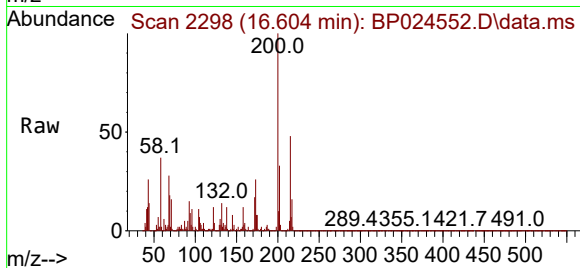
Tgt Ion:200 Resp: 405143

Ion Ratio Lower Upper

200 100

173 26.0 7.5 47.5

215 47.8 28.8 68.8



#70

Pentachlorophenol

Concen: 98.652 ng

RT: 16.787 min Scan# 2329

Delta R.T. -0.012 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

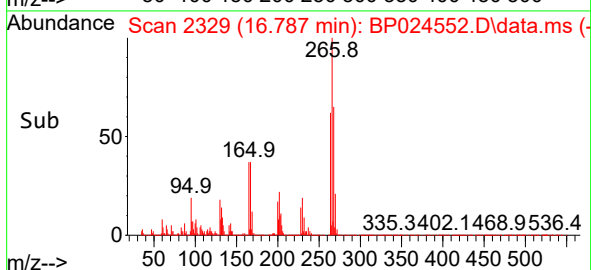
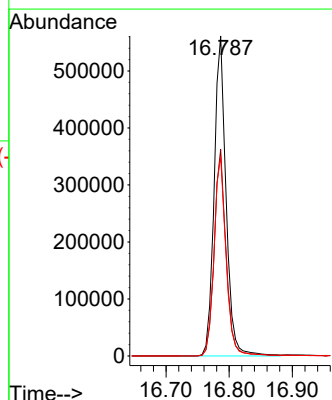
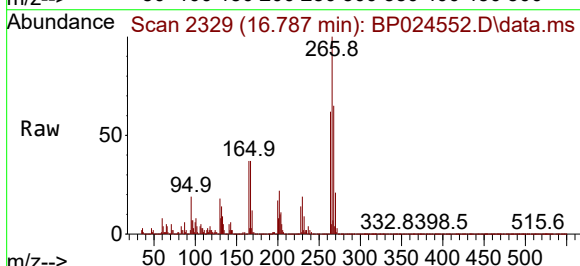
Tgt Ion:266 Resp: 735312

Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

264 62.4 49.8 74.6





#71

Phenanthrene

Concen: 45.760 ng

RT: 17.181 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

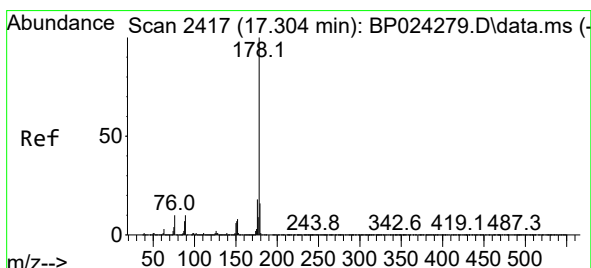
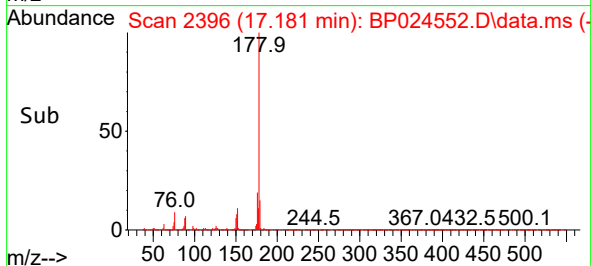
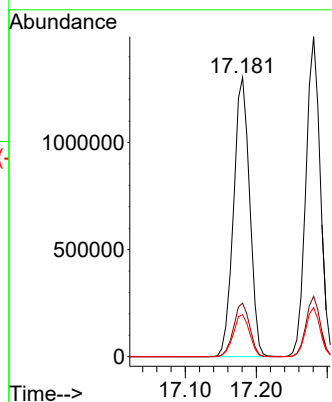
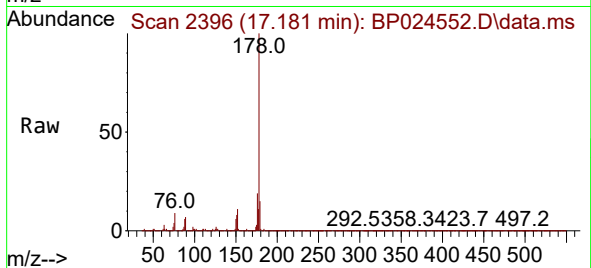
Tgt Ion:178 Resp: 2052281

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.0 12.5 18.7



#72

Anthracene

Concen: 48.662 ng

RT: 17.281 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

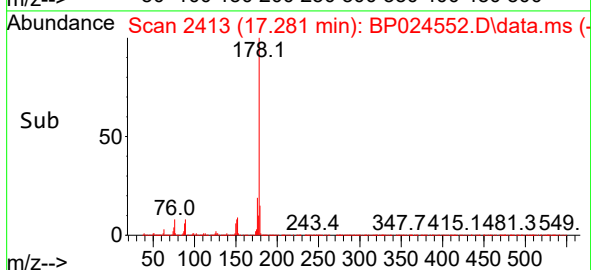
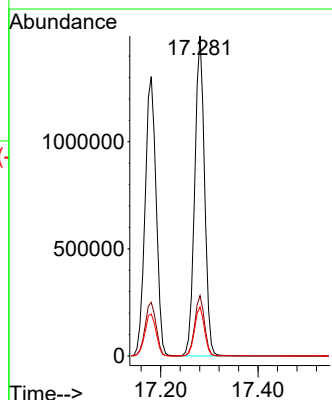
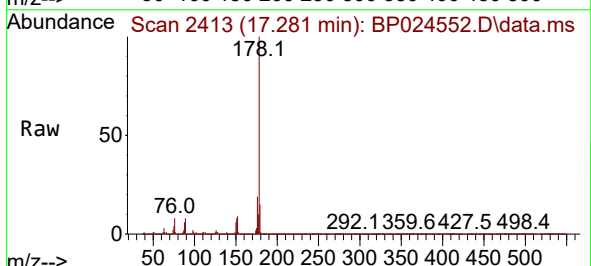
Tgt Ion:178 Resp: 2103402

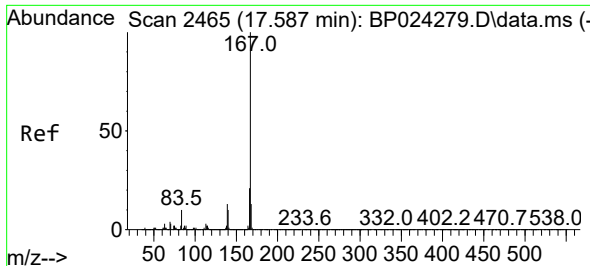
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 15.4 12.4 18.6

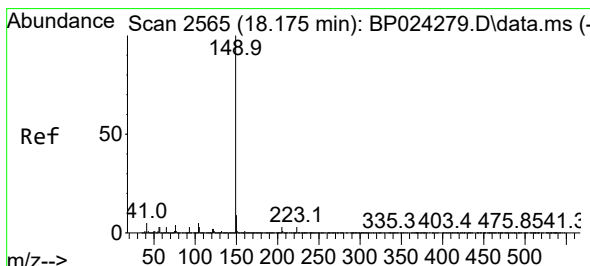
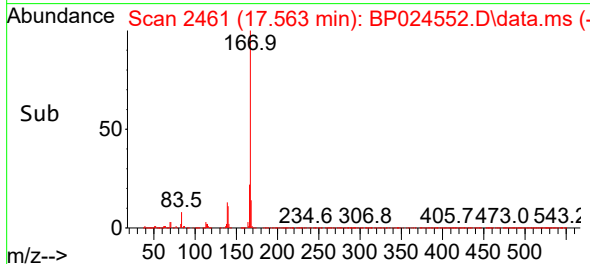
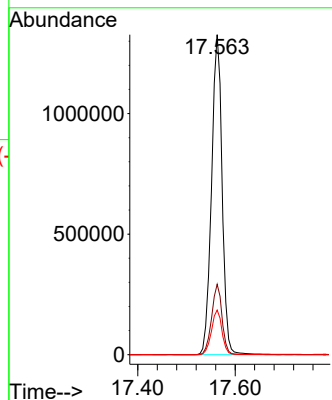
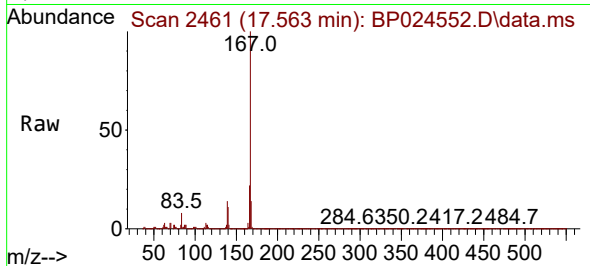




#73
 Carbazole
 Concen: 47.182 ng
 RT: 17.563 min Scan# 2461
 Delta R.T. -0.006 min
 Lab File: BP024552.D
 Acq: 06 May 2025 18:29

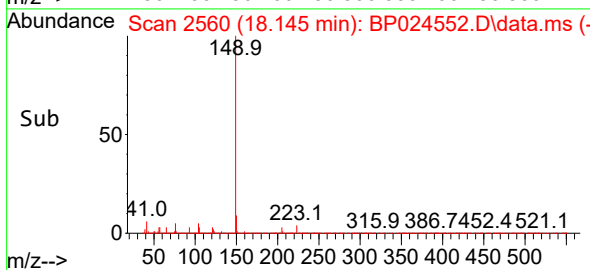
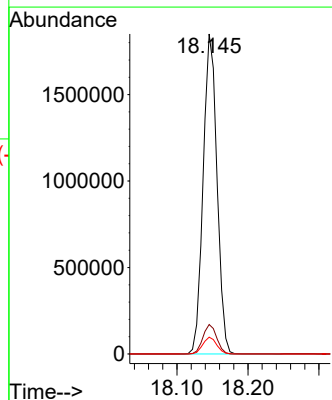
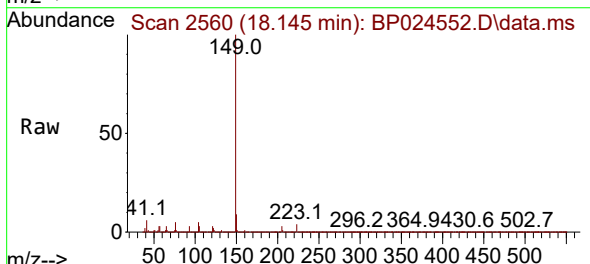
Instrument :
 BNA_P
 ClientSampleId :
 SB2-4-5MSD

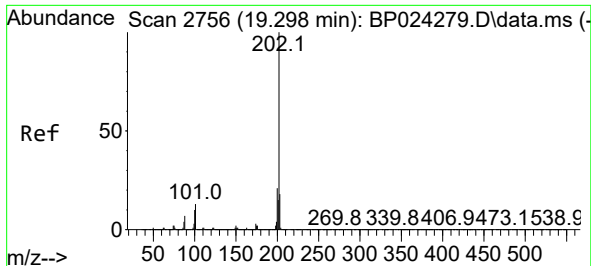
Tgt Ion:167 Resp: 1992713
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 14.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.696 ng
 RT: 18.145 min Scan# 2560
 Delta R.T. -0.012 min
 Lab File: BP024552.D
 Acq: 06 May 2025 18:29

Tgt Ion:149 Resp: 2509675
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.2 3.9 5.9

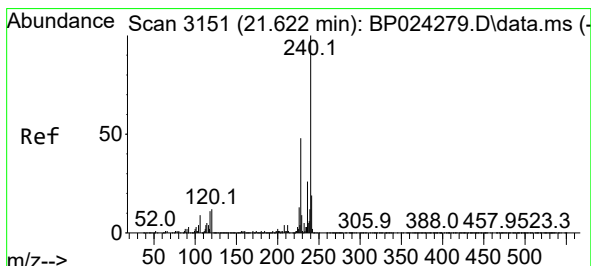
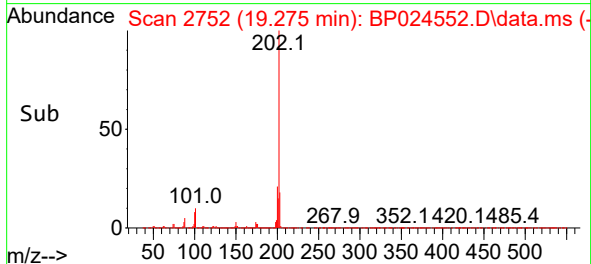
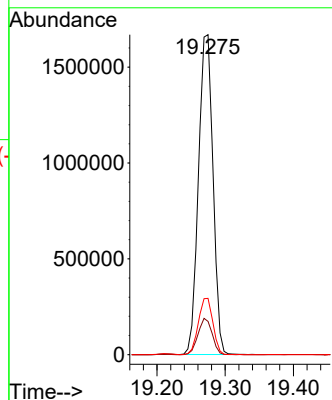
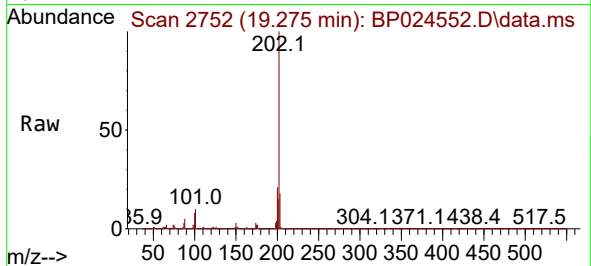




#75
Fluoranthene
Concen: 46.272 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

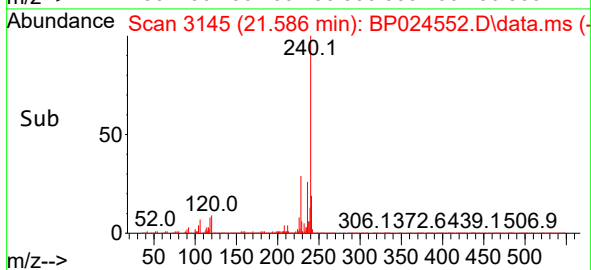
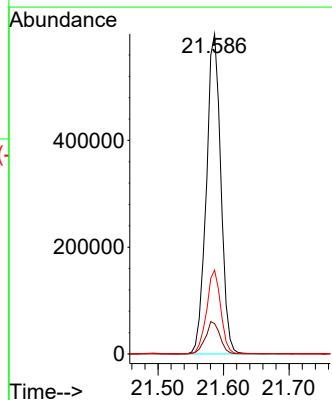
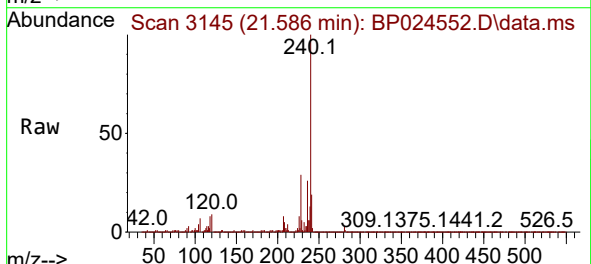
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

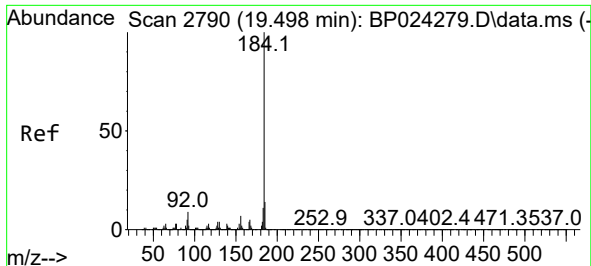
Tgt Ion:202 Resp: 2468152
Ion Ratio Lower Upper
202 100
101 10.4 0.0 33.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:240 Resp: 922769
Ion Ratio Lower Upper
240 100
120 9.5 9.8 14.8#
236 26.2 20.9 31.3

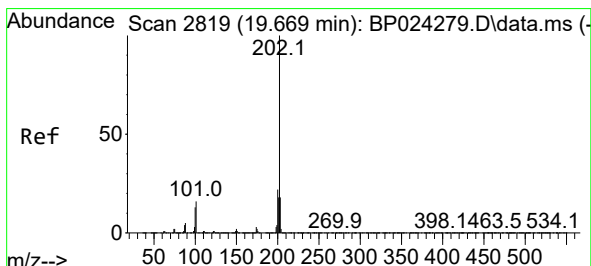
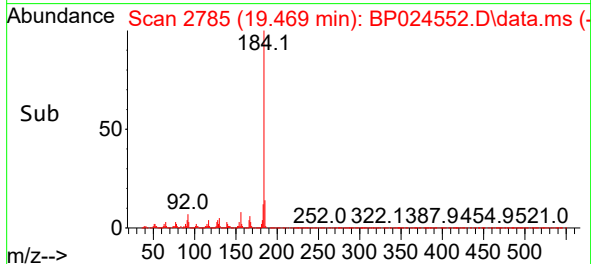
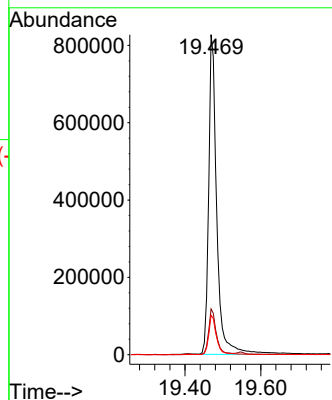
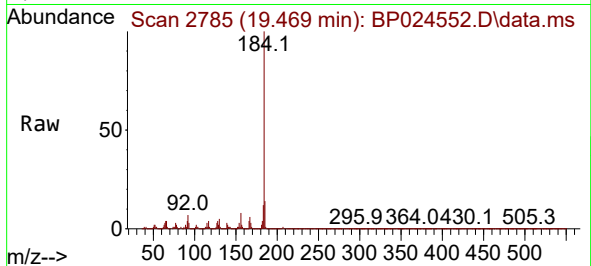




#77
Benzidine
Concen: 104.718 ng
RT: 19.469 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

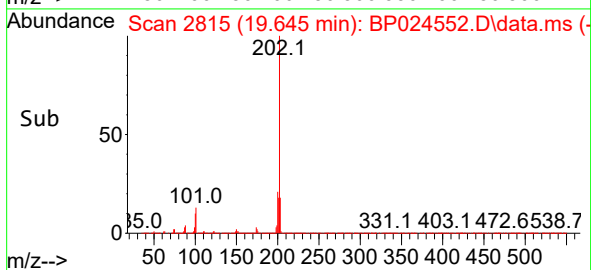
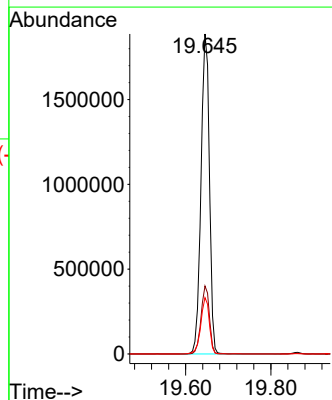
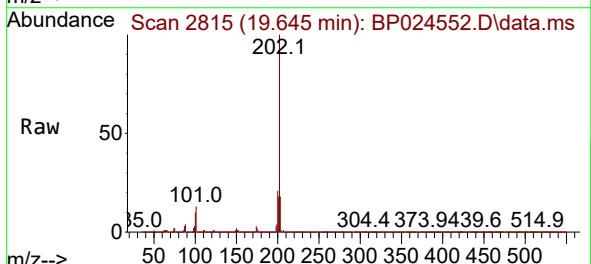
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

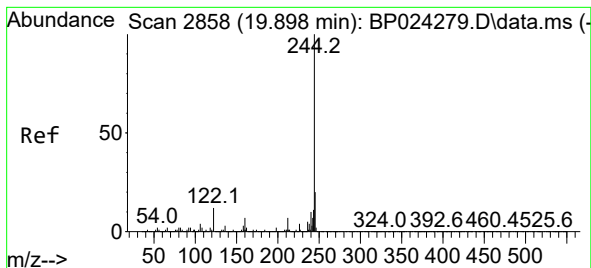
Tgt Ion:184 Resp: 1224869
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 12.3 9.2 13.8



#78
Pyrene
Concen: 44.045 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:202 Resp: 2582943
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 65.029 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

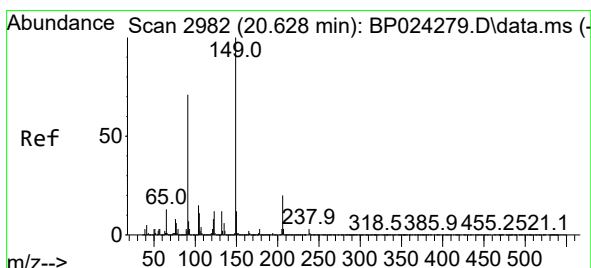
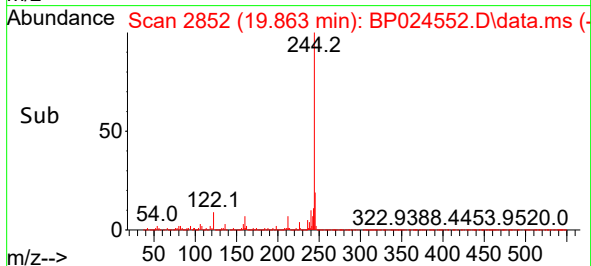
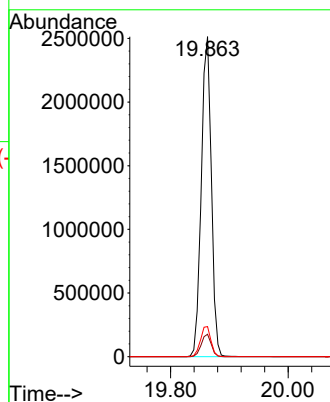
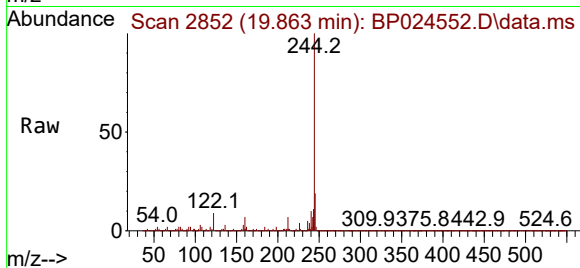
Tgt Ion:244 Resp: 2977081

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.4 9.4 14.0



#80

Butylbenzylphthalate

Concen: 48.160 ng

RT: 20.592 min Scan# 2976

Delta R.T. -0.012 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

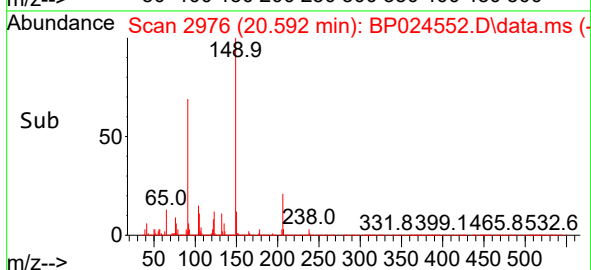
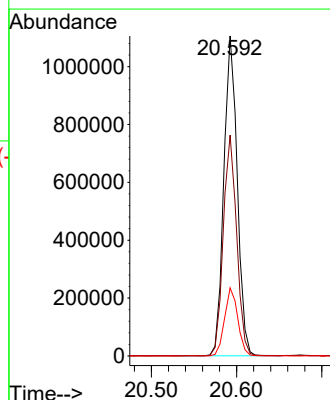
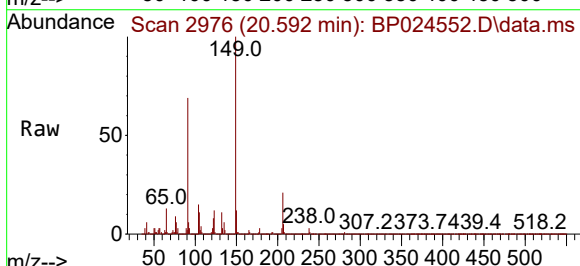
Tgt Ion:149 Resp: 1209696

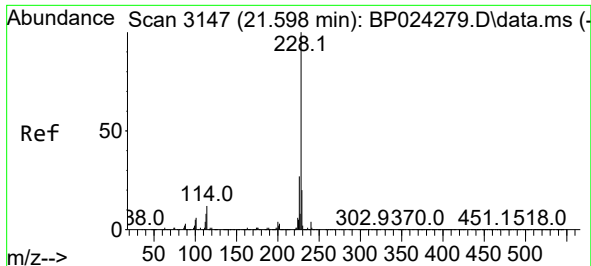
Ion Ratio Lower Upper

149 100

91 69.0 56.4 84.6

206 21.3 16.3 24.5

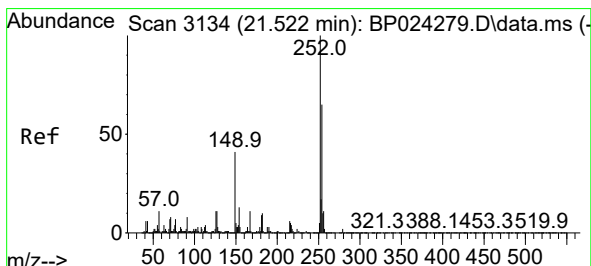
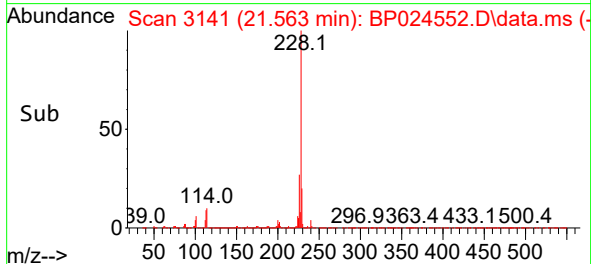
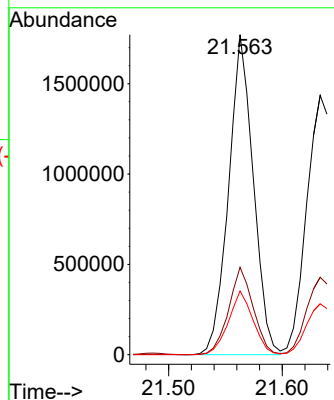
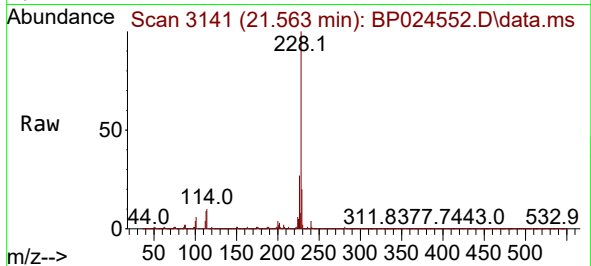




#81
Benzo(a)anthracene
Concen: 46.639 ng
RT: 21.563 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

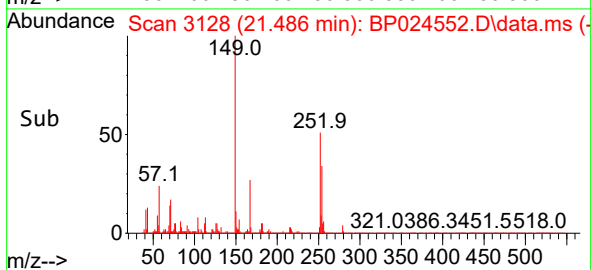
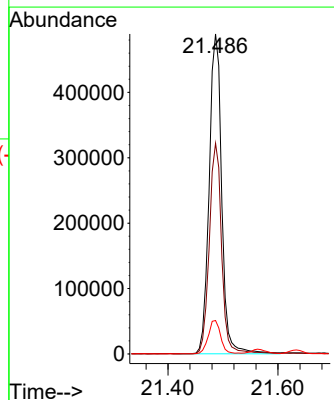
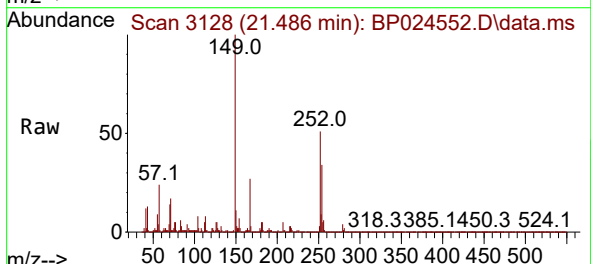
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

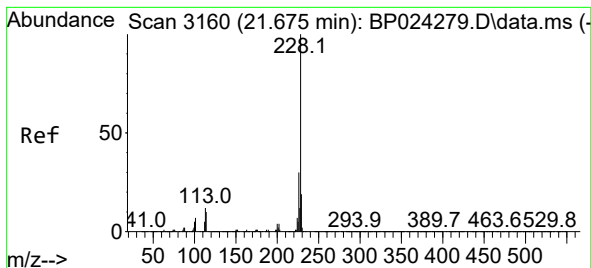
Tgt Ion:228 Resp: 2675034
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 38.383 ng
RT: 21.486 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:252 Resp: 772689
Ion Ratio Lower Upper
252 100
254 65.9 51.7 77.5
126 10.4 8.8 13.2





#83

Chrysene

Concen: 44.727 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

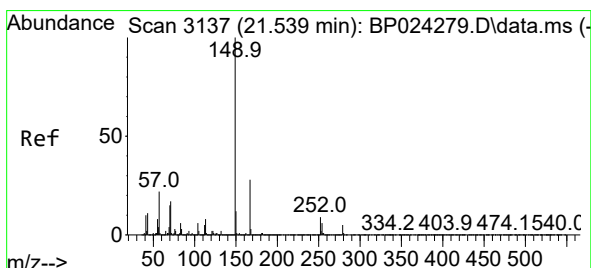
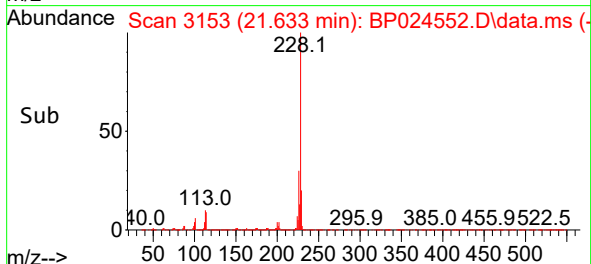
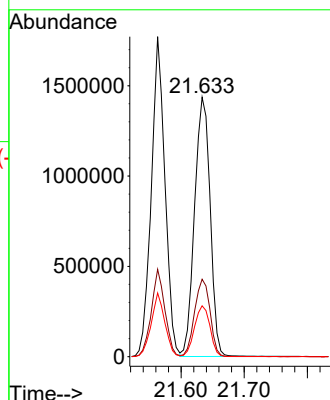
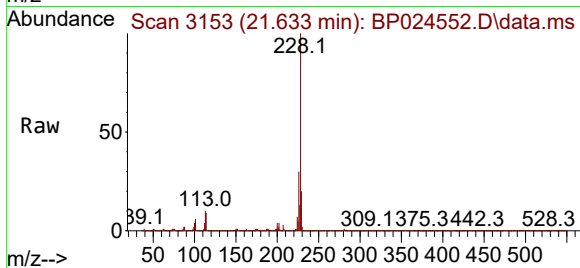
Tgt Ion:228 Resp: 2457723

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.657 ng

RT: 21.492 min Scan# 3129

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

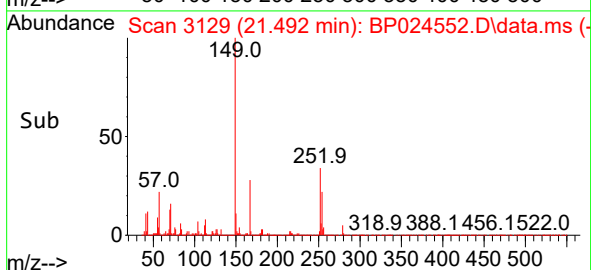
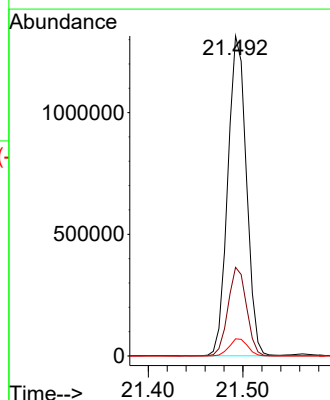
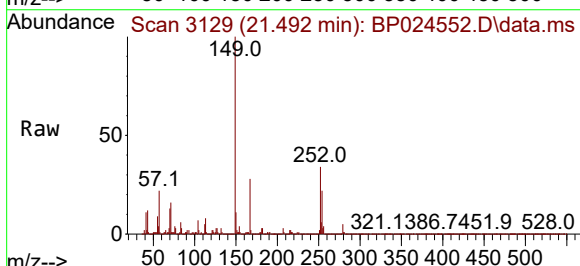
Tgt Ion:149 Resp: 1791677

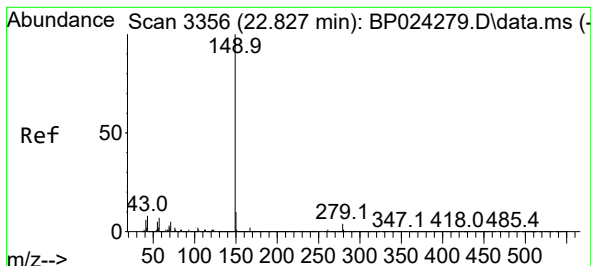
Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

279 5.3 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 51.320 ng

RT: 22.769 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

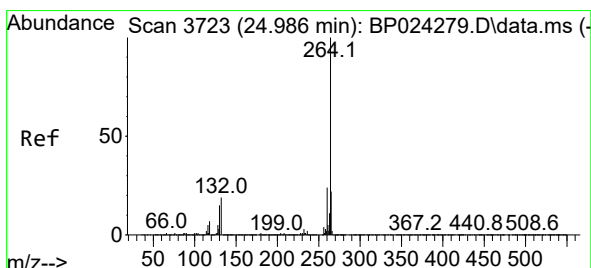
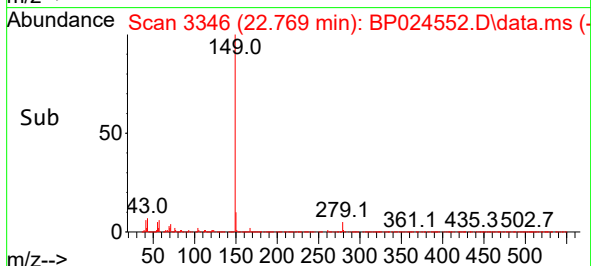
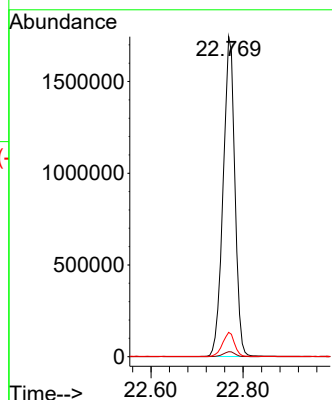
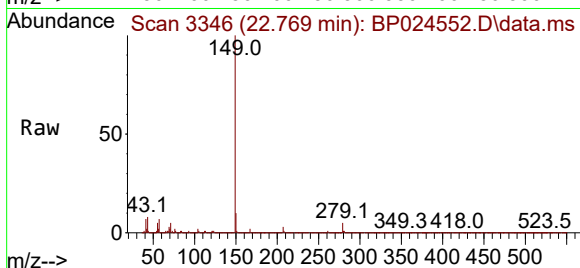
Tgt Ion:149 Resp: 3072120

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.6 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.916 min Scan# 3711

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

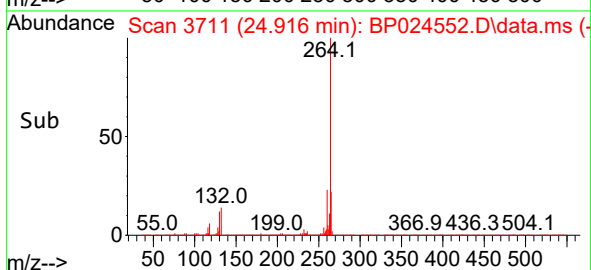
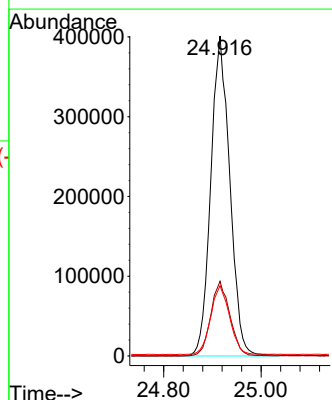
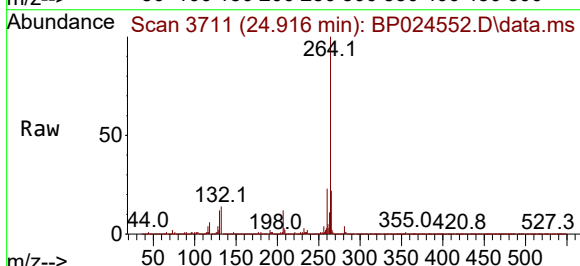
Tgt Ion:264 Resp: 1087018

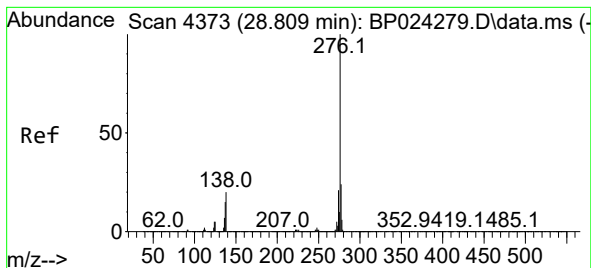
Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.272 ng

RT: 28.715 min Scan# 41

Delta R.T. -0.023 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

SB2-4-5MSD

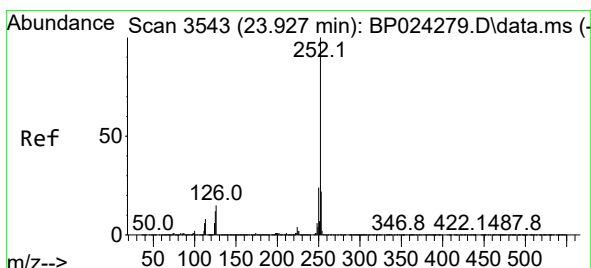
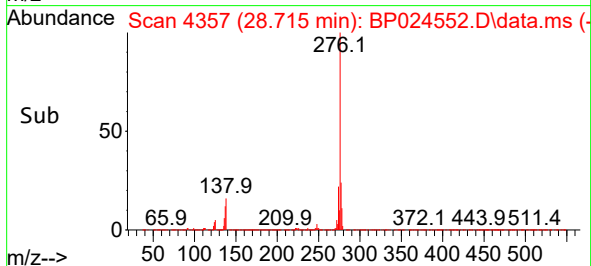
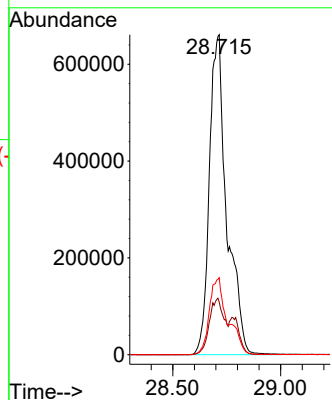
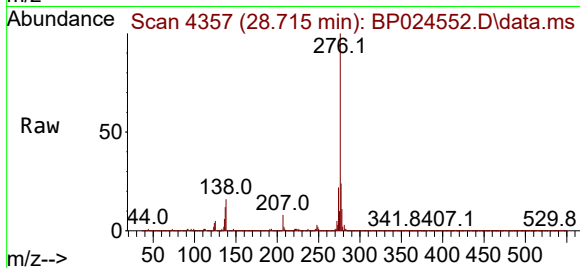
Tgt Ion:276 Resp: 3718353

Ion Ratio Lower Upper

276 100

138 15.1 14.5 21.7

277 19.8 20.2 30.2#



#88

Benzo(b)fluoranthene

Concen: 43.521 ng

RT: 23.869 min Scan# 3533

Delta R.T. -0.017 min

Lab File: BP024552.D

Acq: 06 May 2025 18:29

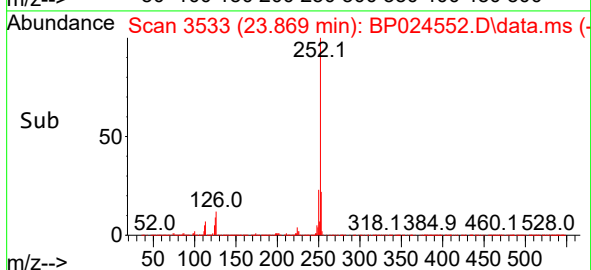
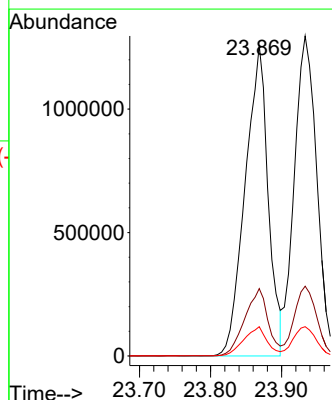
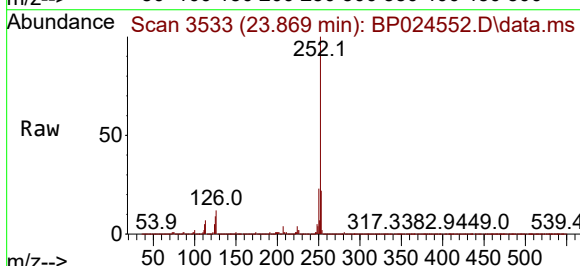
Tgt Ion:252 Resp: 2835698

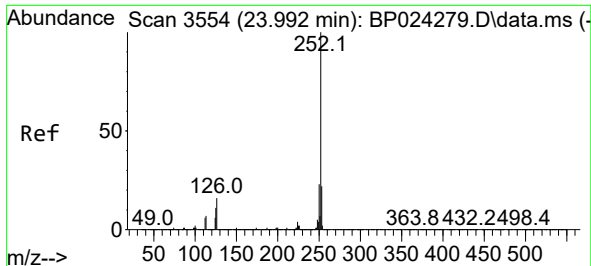
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.4 9.4 14.0

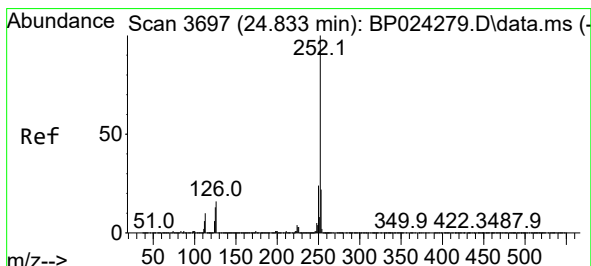
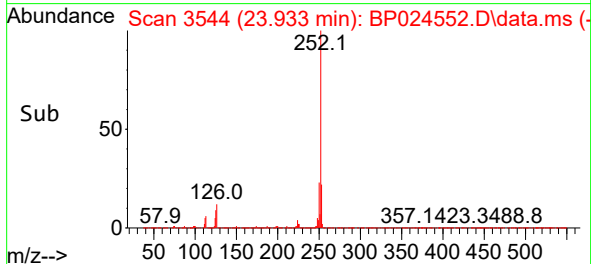
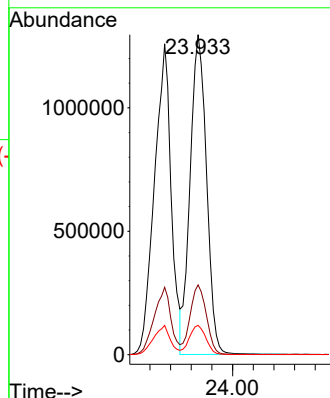
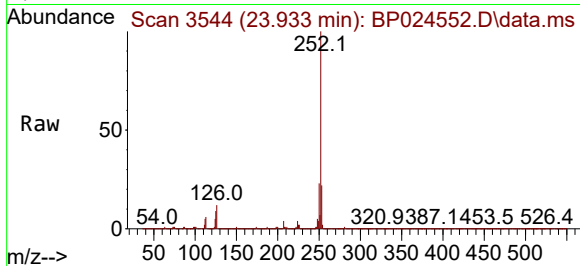




#89
Benzo(k)fluoranthene
Concen: 45.239 ng
RT: 23.933 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

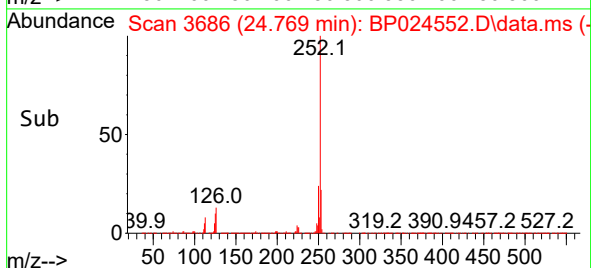
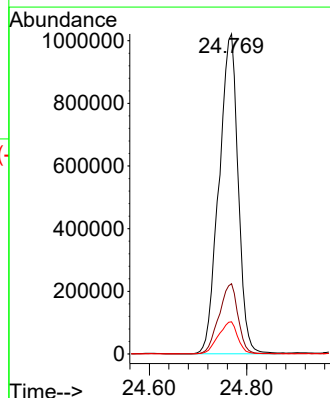
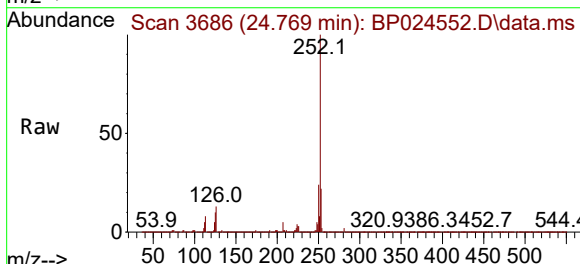
Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

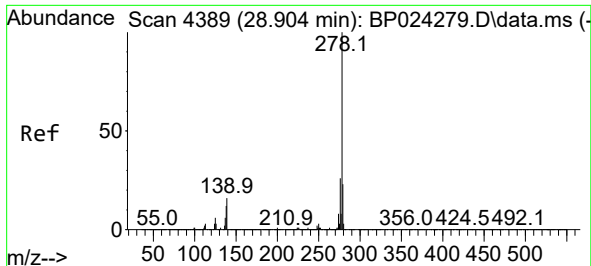
Tgt Ion:252 Resp: 2847239
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 49.574 ng
RT: 24.769 min Scan# 3686
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:252 Resp: 2786273
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.0 10.1 15.1#

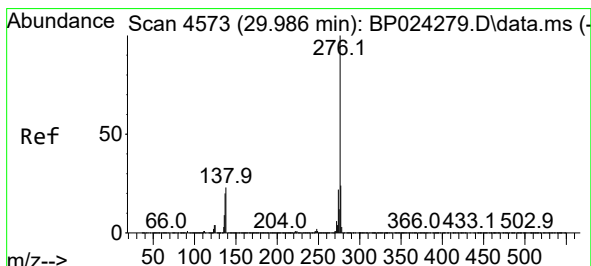
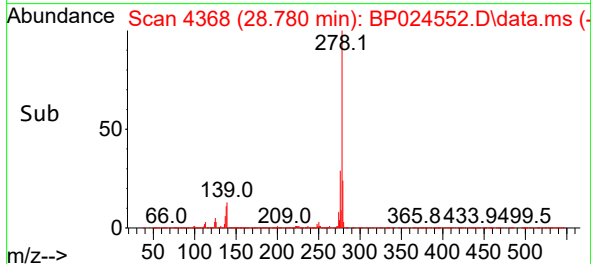
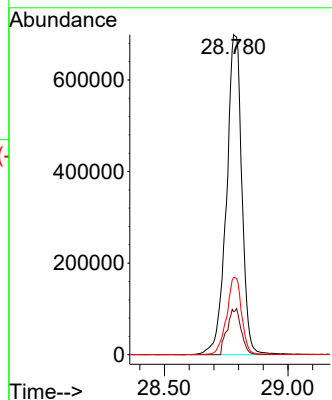
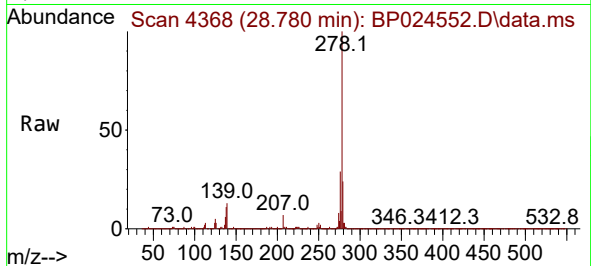




#91
Dibenzo(a,h)anthracene
Concen: 48.180 ng
RT: 28.780 min Scan# 41
Delta R.T. -0.023 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:278 Resp: 3017918
Ion Ratio Lower Upper
278 100
139 13.4 12.6 19.0
279 24.1 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 46.629 ng
RT: 29.886 min Scan# 4556
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:276 Resp: 2972899
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 19.2 18.7 28.1

