

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024514.D
 Acq On : 02 May 2025 18:22
 Operator : RC/JU
 Sample : Q1928-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-QMSD

Quant Time: May 02 23:45:18 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	149569	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	635615	20.000	ng	#-0.02
39) Acenaphthene-d10	14.346	164	419632	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	860341	20.000	ng	0.00
76) Chrysene-d12	21.610	240	887893	20.000	ng	0.02
86) Perylene-d12	24.963	264	1018252	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	683071	75.512	ng	-0.01
7) Phenol-d6	6.899	99	903321	72.929	ng	-0.01
23) Nitrobenzene-d5	8.852	82	517024	46.382	ng	-0.02
42) 2,4,6-Tribromophenol	15.869	330	541662	93.296	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1137422	41.501	ng	-0.01
79) Terphenyl-d14	19.881	244	2186171	49.629	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.276	88	151155	39.505	ng	# 95
3) Pyridine	3.670	79	389783	38.580	ng	93
4) n-Nitrosodimethylamine	3.581	42	169788	50.636	ng	76
6) Aniline	7.046	93	436068	39.398	ng	98
8) 2-Chlorophenol	7.281	128	504366	49.939	ng	100
9) Benzaldehyde	6.864	77	213302	34.813	ng	97
10) Phenol	6.922	94	610348	49.121	ng	90
11) bis(2-Chloroethyl)ether	7.140	93	419445	41.898	ng	99
12) 1,3-Dichlorobenzene	7.599	146	505058	46.451	ng	99
13) 1,4-Dichlorobenzene	7.740	146	515827	46.758	ng	99
14) 1,2-Dichlorobenzene	8.052	146	497236	46.677	ng	99
15) Benzyl Alcohol	7.946	79	432903	54.044	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.222	45	475692	43.960	ng	99
17) 2-Methylphenol	8.158	107	421347	52.419	ng	97
18) Hexachloroethane	8.775	117	191569	48.050	ng	95
19) n-Nitroso-di-n-propyla...	8.511	70	331562	43.268	ng	93
20) 3+4-Methylphenols	8.481	107	576508	51.691	ng	97
22) Acetophenone	8.522	105	707351	44.963	ng	97
24) Nitrobenzene	8.899	77	505877	45.875	ng	98
25) Isophorone	9.422	82	956925	47.427	ng	97
26) 2-Nitrophenol	9.605	139	277506	51.424	ng	96
27) 2,4-Dimethylphenol	9.669	122	474209	69.984	ng	97
28) bis(2-Chloroethoxy)met...	9.893	93	584460	42.880	ng	99
29) 2,4-Dichlorophenol	10.140	162	482747	52.251	ng	99
30) 1,2,4-Trichlorobenzene	10.346	180	473798	47.864	ng	99
31) Naphthalene	10.534	128	1470013	43.905	ng	99
32) Benzoic acid	9.840	122	378416	47.929	ng	97
33) 4-Chloroaniline	10.652	127	268680	22.787	ng	99
34) Hexachlorobutadiene	10.816	225	299778	51.536	ng	99
35) Caprolactam	11.446	113	175782	51.564	ng	98
36) 4-Chloro-3-methylphenol	11.781	107	559673	52.008	ng	97
37) 2-Methylnaphthalene	12.146	142	964313	41.529	ng	97
38) 1-Methylnaphthalene	12.369	142	1016861	44.764	ng	100
40) 1,2,4,5-Tetrachloroben...	12.516	216	547934	47.481	ng	99
41) Hexachlorocyclopentadiene	12.493	237	714785	175.134	ng	99
43) 2,4,6-Trichlorophenol	12.763	196	402938	52.518	ng	97

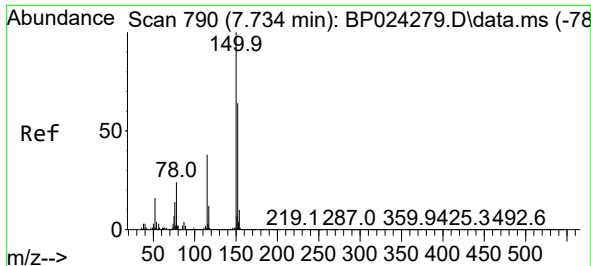
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 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	447948	52.724	ng	98
46) 1,1'-Biphenyl	13.163	154	1406774	45.608	ng	98
47) 2-Chloronaphthalene	13.204	162	1074038	46.589	ng	97
48) 2-Nitroaniline	13.416	65	340290	52.623	ng	97
49) Acenaphthylene	14.063	152	1832311	50.483	ng	100
50) Dimethylphthalate	13.798	163	1458720	47.801	ng	100
51) 2,6-Dinitrotoluene	13.922	165	326702	50.416	ng	94
52) Acenaphthene	14.410	154	1048106	45.549	ng	99
53) 3-Nitroaniline	14.257	138	186453	27.377	ng	96
54) 2,4-Dinitrophenol	14.469	184	416502	109.115	ng	89
55) Dibenzofuran	14.751	168	1639621	43.593	ng	96
56) 4-Nitrophenol	14.598	139	631394	107.342	ng	92
57) 2,4-Dinitrotoluene	14.722	165	470506	53.227	ng	97
58) Fluorene	15.410	166	1364224	46.854	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.993	232	399914	51.035	ng	98
60) Diethylphthalate	15.181	149	1504235	47.833	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	670521	47.423	ng	96
62) 4-Nitroaniline	15.445	138	350240	48.578	ng	85
63) Azobenzene	15.704	77	1375499	47.588	ng	96
65) 4,6-Dinitro-2-methylph...	15.504	198	269920	49.763	ng	95
66) n-Nitrosodiphenylamine	15.628	169	1210049	47.122	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	470245	49.976	ng	99
68) Hexachlorobenzene	16.440	284	584282	52.257	ng	99
69) Atrazine	16.616	200	468786	71.677	ng	98
70) Pentachlorophenol	16.798	266	827733	106.118	ng	99
71) Phenanthrene	17.198	178	2181455	46.479	ng	99
72) Anthracene	17.298	178	2190907	48.434	ng	99
73) Carbazole	17.575	167	2138978	48.395	ng	99
74) Di-n-butylphthalate	18.169	149	2756589	50.061	ng	99
75) Fluoranthene	19.292	202	2615619	46.858	ng	96
77) Benzidine	19.486	184	1206943	107.238	ng	99
78) Pyrene	19.663	202	2631157	46.630	ng	99
80) Butylbenzylphthalate	20.616	149	1283998	53.126	ng	98
81) Benzo(a)anthracene	21.592	228	2642545	47.883	ng	100
82) 3,3'-Dichlorobenzidine	21.516	252	581832	30.037	ng	99
83) Chrysene	21.657	228	2447158	46.284	ng	99
84) Bis(2-ethylhexyl)phtha...	21.528	149	1863639	52.600	ng	# 99
85) Di-n-octyl phthalate	22.804	149	3092794	53.694	ng	100
87) Indeno(1,2,3-cd)pyrene	28.780	276	3071613	43.451	ng	98
88) Benzo(b)fluoranthene	23.910	252	2822909	46.251	ng	# 97
89) Benzo(k)fluoranthene	23.980	252	2741083	46.493	ng	# 97
90) Benzo(a)pyrene	24.810	252	2677782	50.862	ng	# 97
91) Dibenzo(a,h)anthracene	28.862	278	2937027	50.055	ng	96
92) Benzo(g,h,i)perylene	29.956	276	2824116	47.286	ng	95

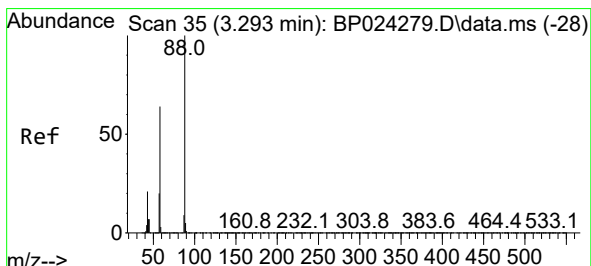
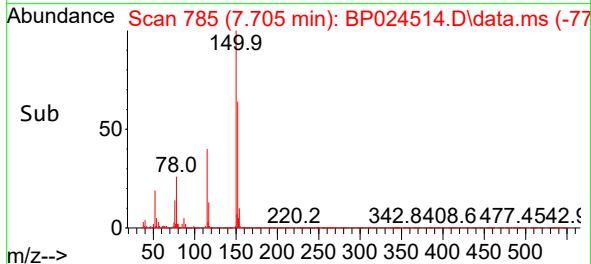
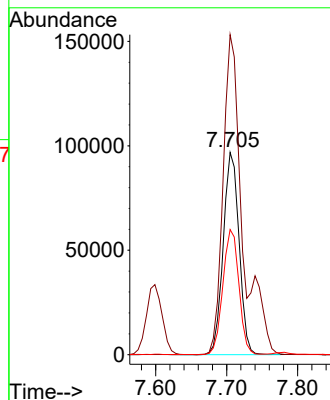
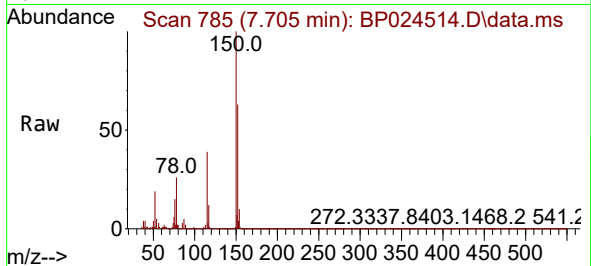
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

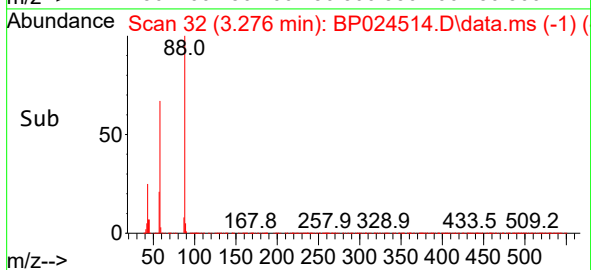
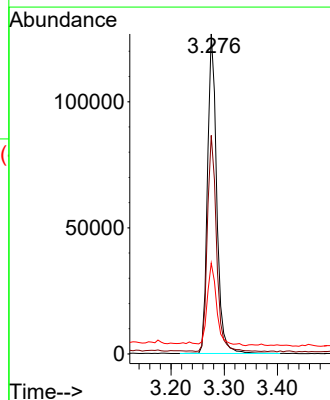
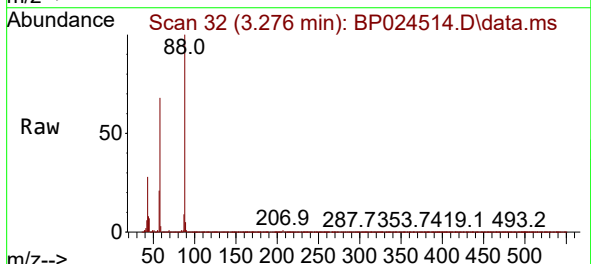
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MH-QMSD

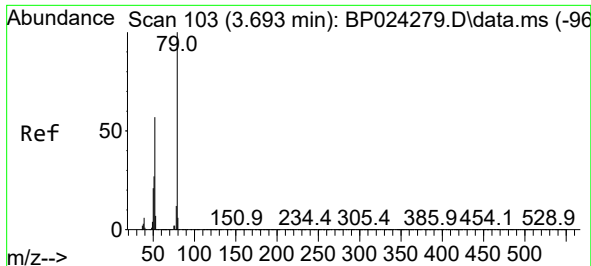
Tgt Ion:152 Resp: 149569
Ion Ratio Lower Upper
152 100
150 158.2 124.9 187.3
115 61.8 47.7 71.5



#2
1,4-Dioxane
Concen: 39.505 ng
RT: 3.276 min Scan# 32
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion: 88 Resp: 151155
Ion Ratio Lower Upper
88 100
58 67.0 51.4 77.2
43 26.6 17.1 25.7#





#3

Pyridine

Concen: 38.580 ng

RT: 3.670 min Scan# 99

Delta R.T. -0.017 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

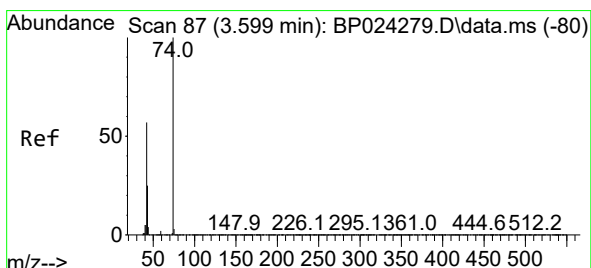
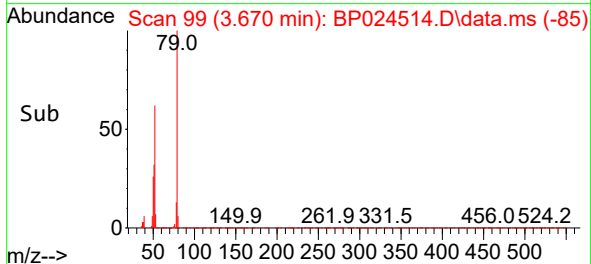
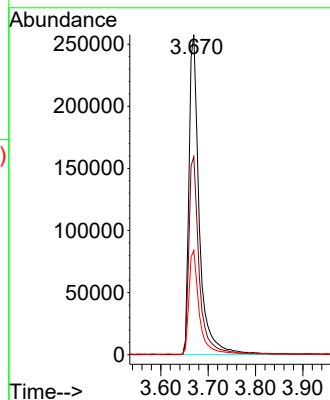
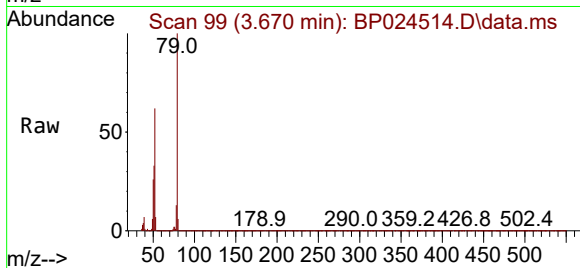
Tgt Ion: 79 Resp: 389783

Ion Ratio Lower Upper

79 100

52 61.9 45.4 68.2

51 32.5 22.6 33.8



#4

n-Nitrosodimethylamine

Concen: 50.636 ng

RT: 3.581 min Scan# 84

Delta R.T. -0.012 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

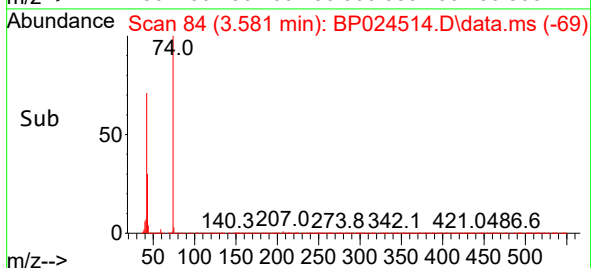
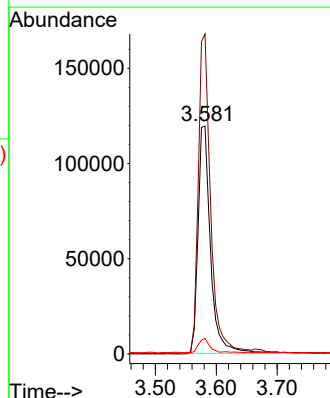
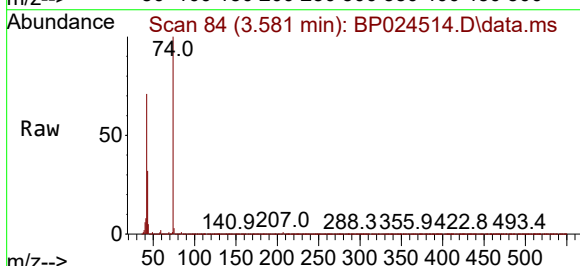
Tgt Ion: 42 Resp: 169788

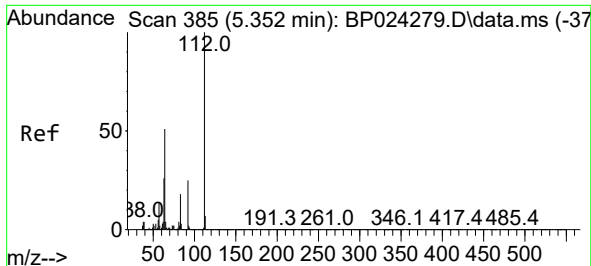
Ion Ratio Lower Upper

42 100

74 140.3 139.5 209.3

44 6.8 5.8 8.8

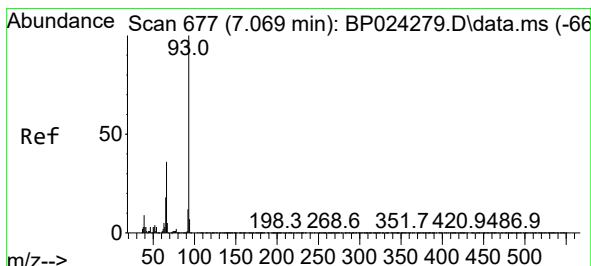
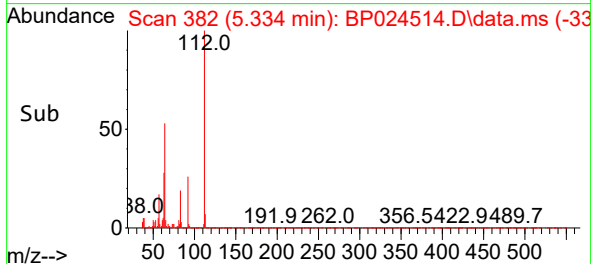
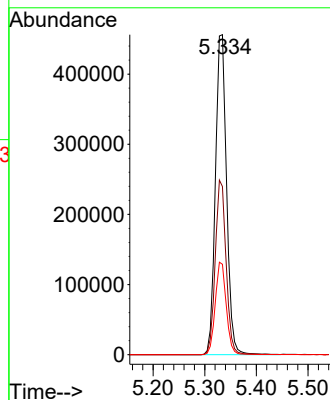
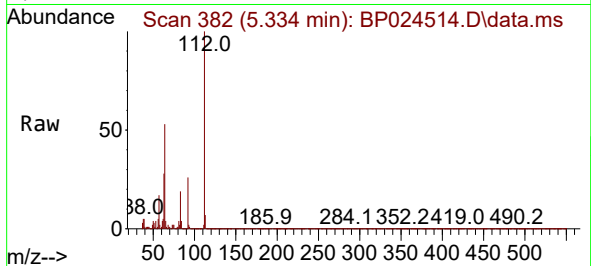




#5
2-Fluorophenol
Concen: 75.512 ng
RT: 5.334 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

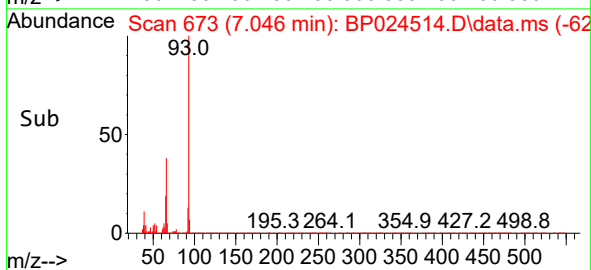
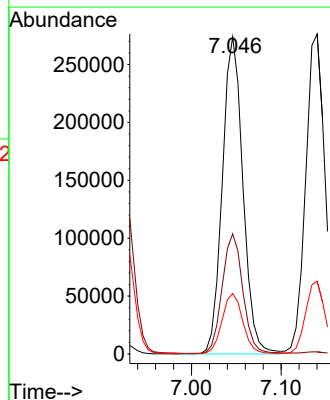
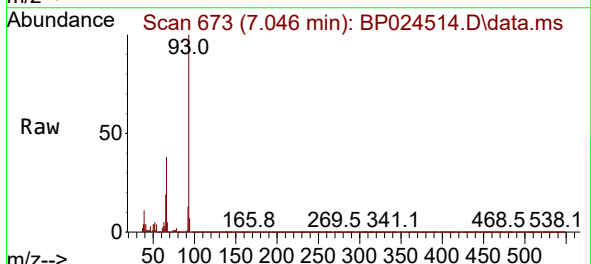
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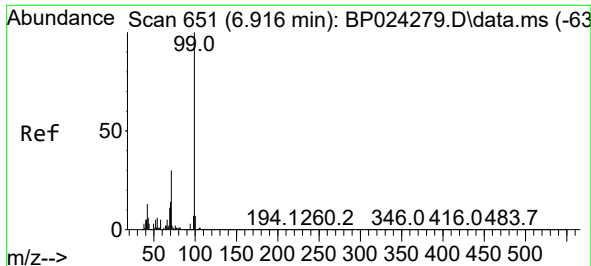
Tgt Ion:112 Resp: 683071
Ion Ratio Lower Upper
112 100
64 52.6 41.1 61.7
63 28.2 20.6 30.8



#6
Aniline
Concen: 39.398 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion: 93 Resp: 436068
Ion Ratio Lower Upper
93 100
66 37.9 29.1 43.7
65 19.1 14.7 22.1

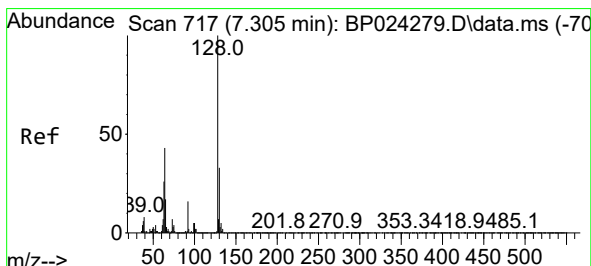
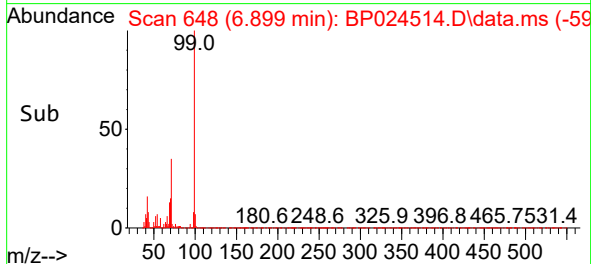
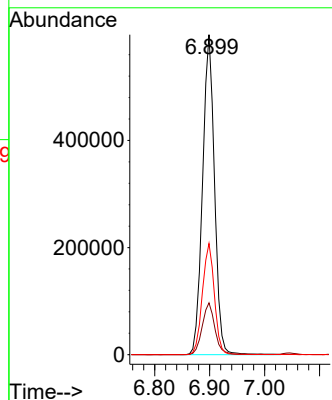
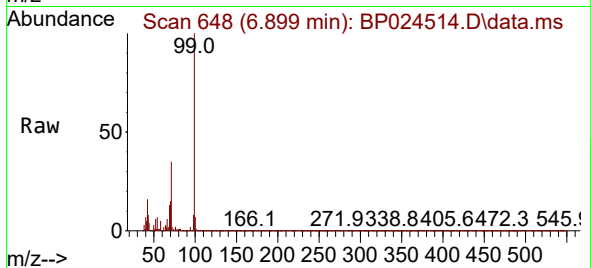




#7
Phenol-d6
Concen: 72.929 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

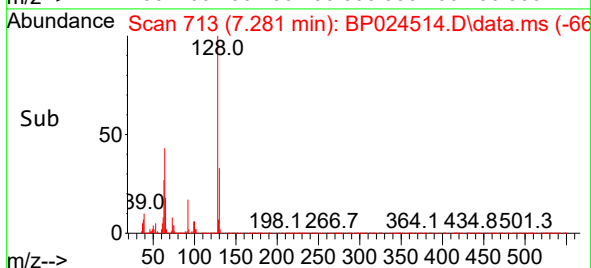
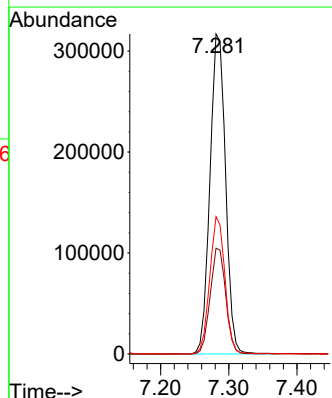
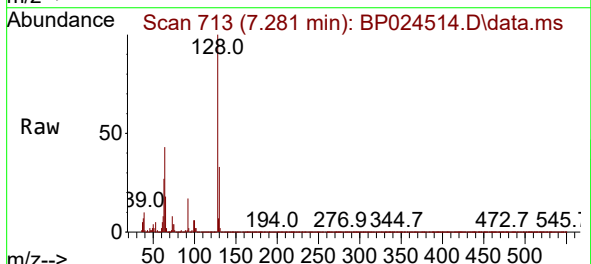
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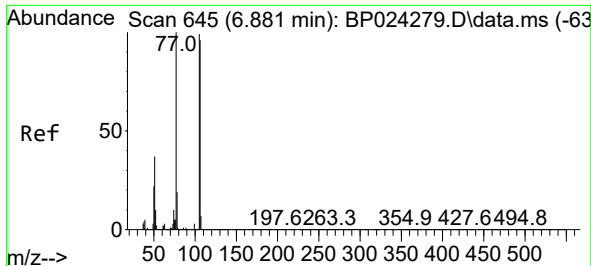
Tgt Ion: 99 Resp: 903321
Ion Ratio Lower Upper
99 100
42 16.2 10.6 16.0#
71 34.7 23.7 35.5



#8
2-Chlorophenol
Concen: 49.939 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:128 Resp: 504366
Ion Ratio Lower Upper
128 100
130 33.1 12.9 52.9
64 42.9 22.7 62.7

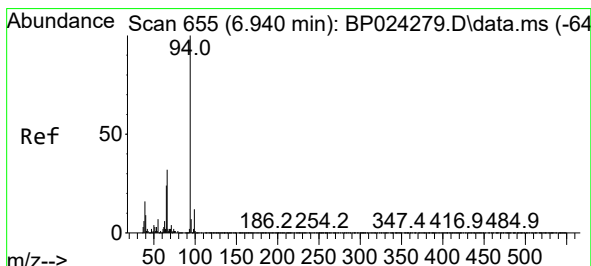
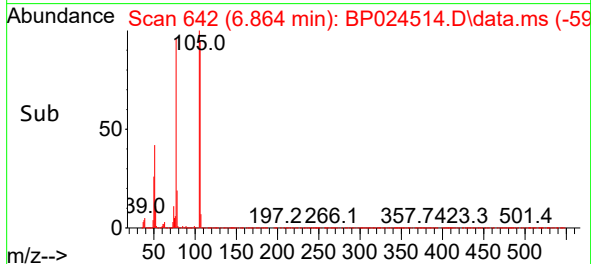
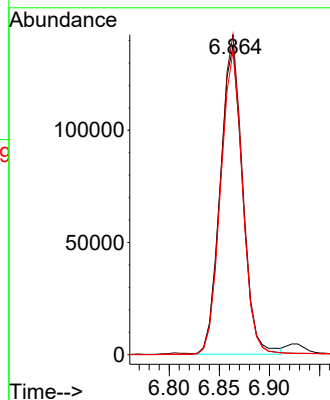
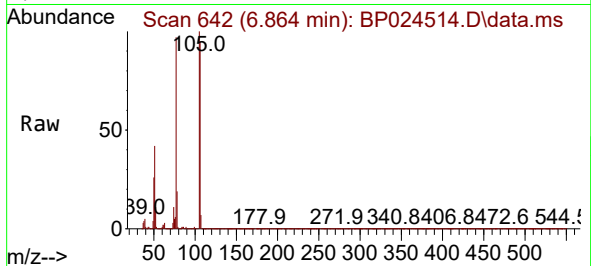




#9
Benzaldehyde
Concen: 34.813 ng
RT: 6.864 min Scan# 645
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

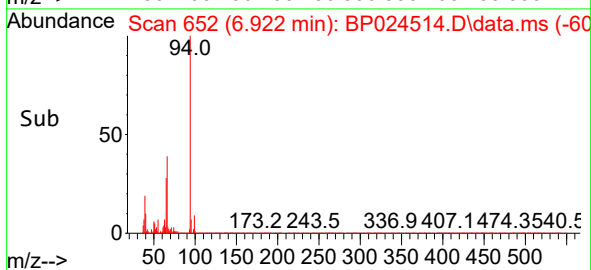
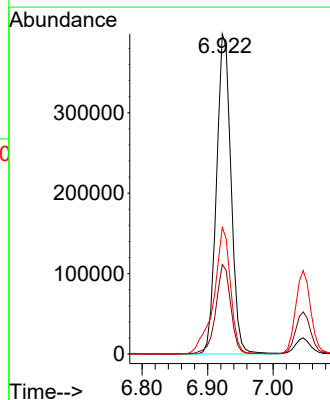
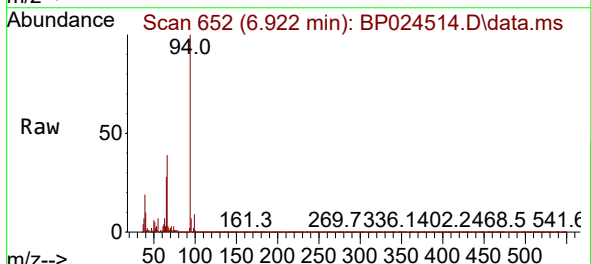
Instrument :
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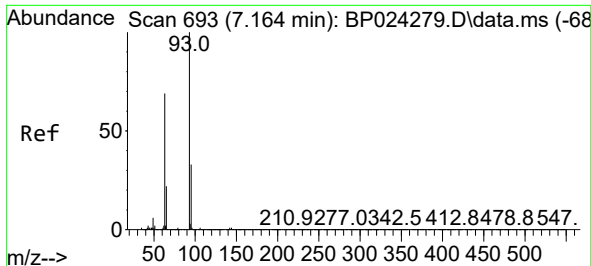
Tgt Ion: 77 Resp: 213302
Ion Ratio Lower Upper
77 100
105 103.6 79.2 119.2
106 98.2 76.2 116.2



#10
Phenol
Concen: 49.121 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion: 94 Resp: 610348
Ion Ratio Lower Upper
94 100
65 28.0 4.5 44.5
66 39.5 12.4 52.4

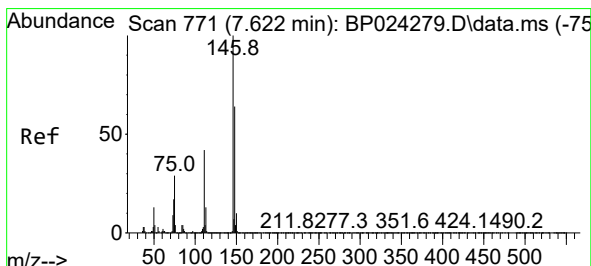
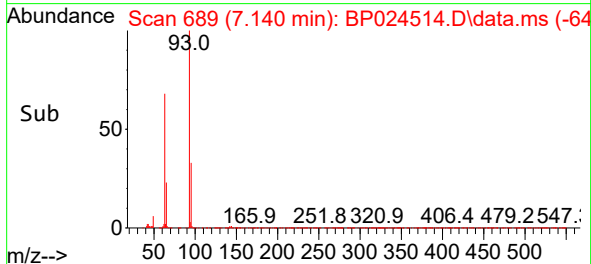
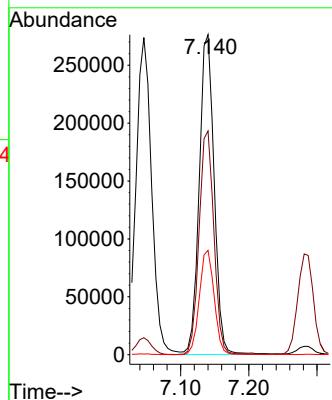
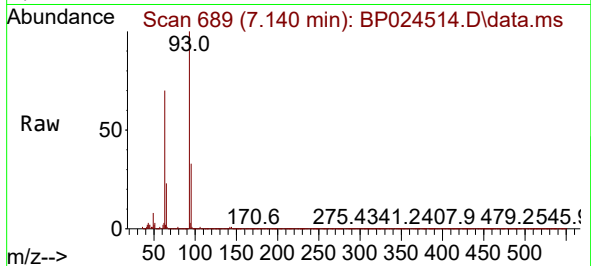




#11
bis(2-Chloroethyl)ether
Concen: 41.898 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

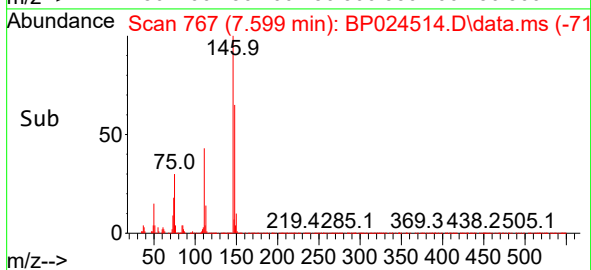
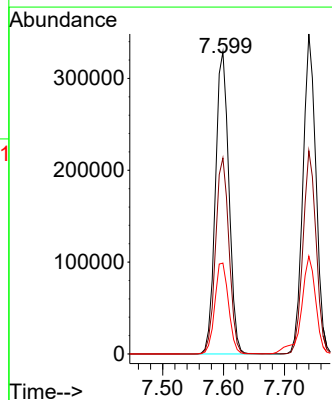
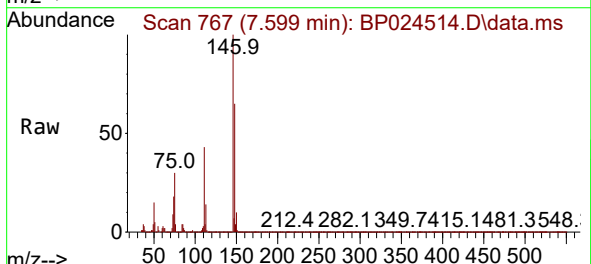
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

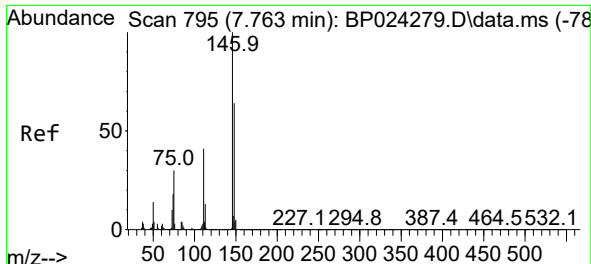
Tgt Ion: 93 Resp: 419445
Ion Ratio Lower Upper
93 100
63 69.9 48.6 88.6
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.451 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion: 146 Resp: 505058
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
75 30.1 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 46.758 ng

RT: 7.740 min Scan# 795

Delta R.T. -0.017 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

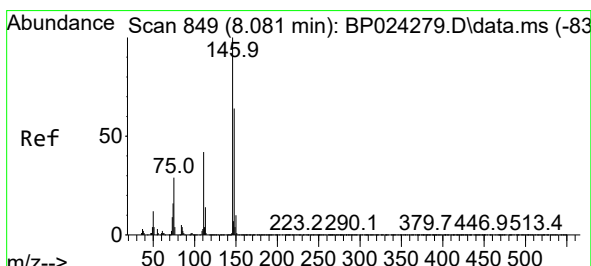
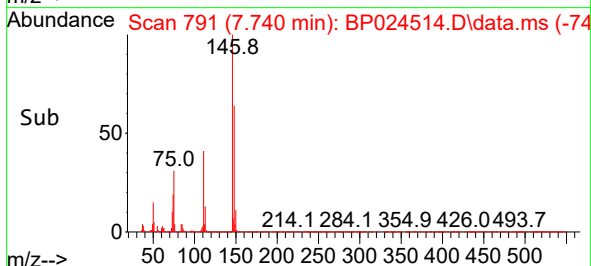
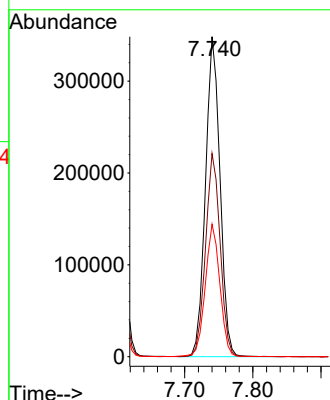
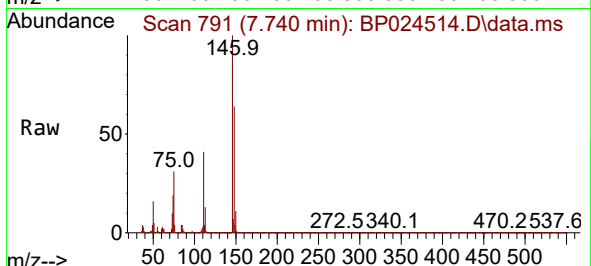
Tgt Ion:146 Resp: 515827

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

111 41.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 46.677 ng

RT: 8.052 min Scan# 844

Delta R.T. -0.023 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

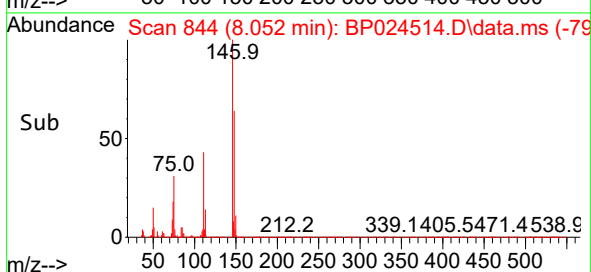
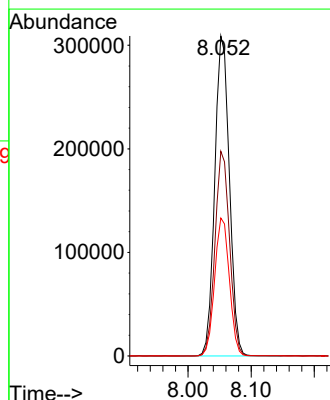
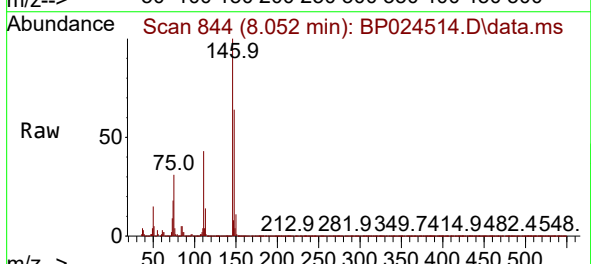
Tgt Ion:146 Resp: 497236

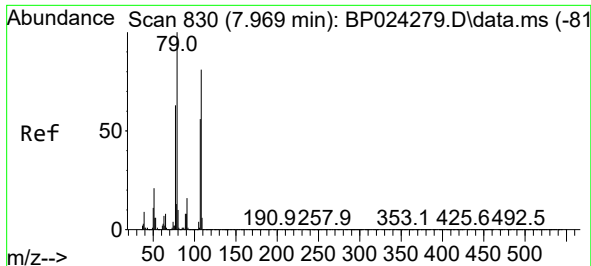
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

111 43.1 33.8 50.8

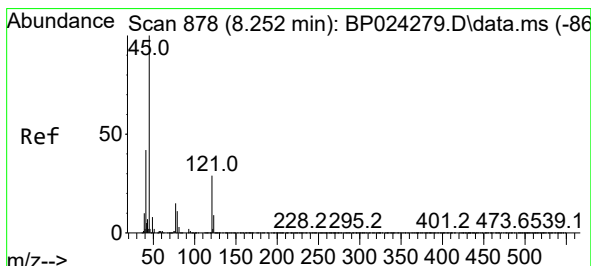
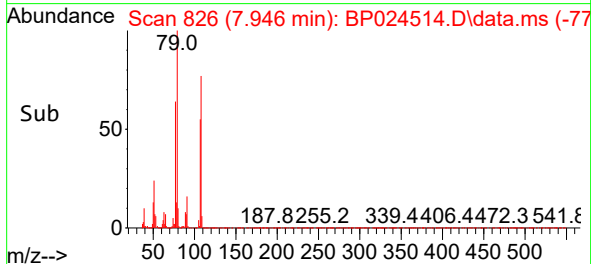
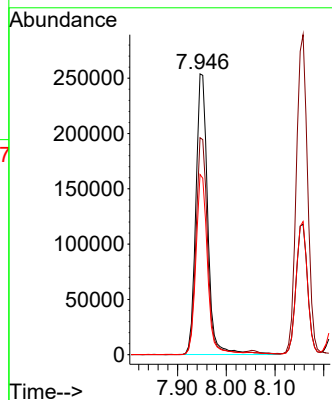
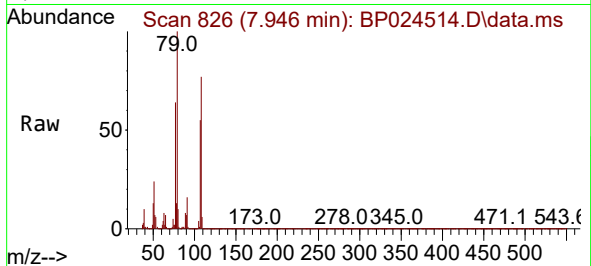




#15
Benzyl Alcohol
Concen: 54.044 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

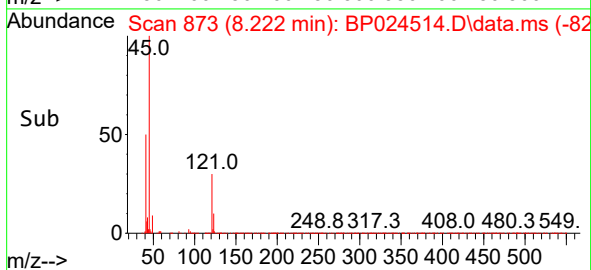
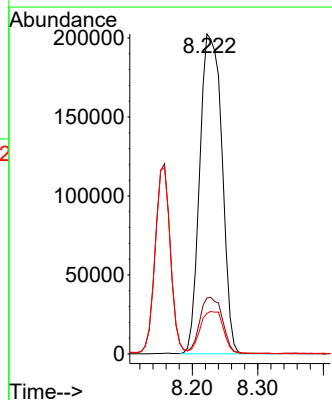
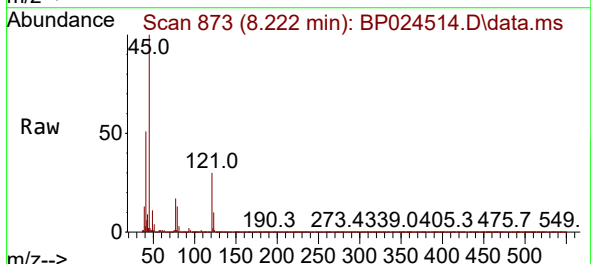
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

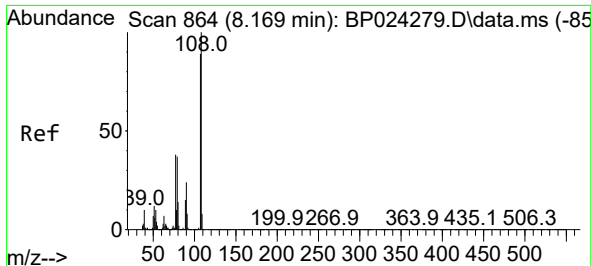
Tgt Ion: 79 Resp: 432903
Ion Ratio Lower Upper
79 100
108 77.3 65.1 97.7
77 64.2 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.960 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.023 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion: 45 Resp: 475692
Ion Ratio Lower Upper
45 100
77 17.5 0.0 37.7
79 12.7 0.0 33.5

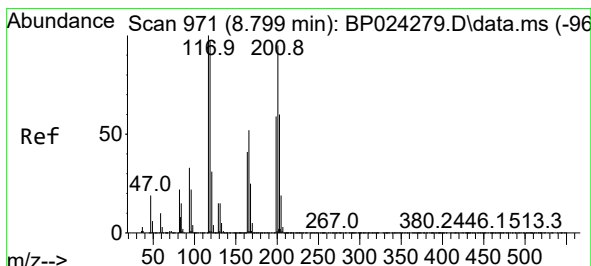
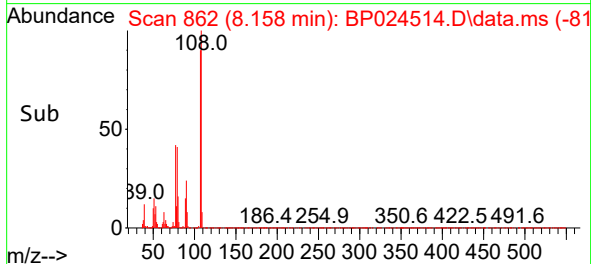
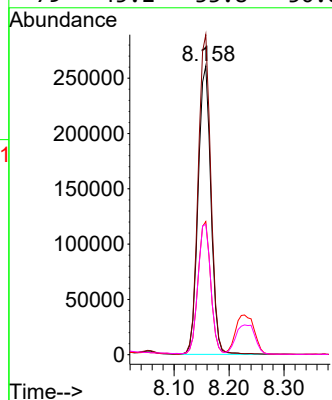
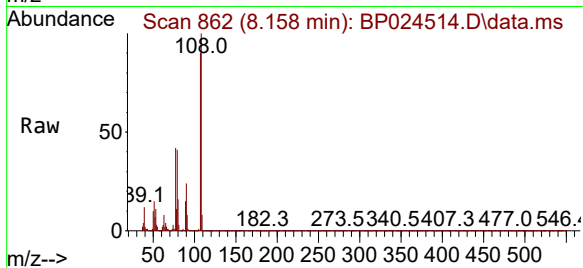




#17
2-Methylphenol
Concen: 52.419 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

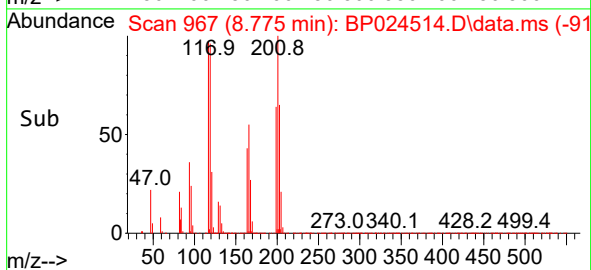
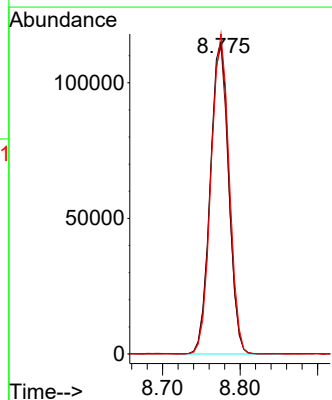
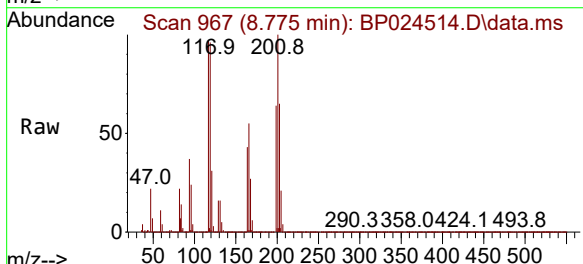
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

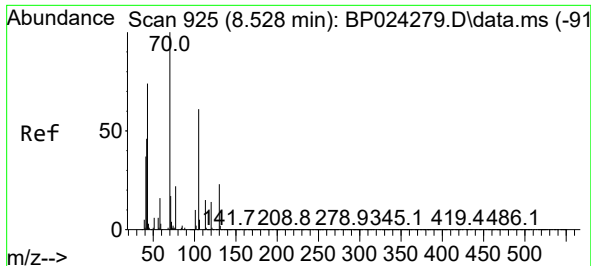
Tgt Ion:	107	Resp:	421347
Ion	Ratio	Lower	Upper
107	100		
108	110.8	89.8	134.6
77	46.1	34.2	51.4
79	45.2	33.8	50.8



#18
Hexachloroethane
Concen: 48.050 ng
RT: 8.775 min Scan# 967
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:	117	Resp:	191569
Ion	Ratio	Lower	Upper
117	100		
119	98.9	77.8	116.6
201	102.6	75.9	113.9





#19

n-Nitroso-di-n-propylamine

Concen: 43.268 ng

RT: 8.511 min Scan# 917

Delta R.T. -0.012 min

Lab File: BP024514.D

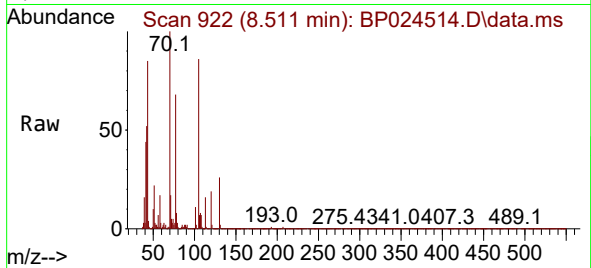
Acq: 02 May 2025 18:22

Instrument :

BNA_P

ClientSampleId :

MH-QMSD



Tgt Ion: 70 Resp: 331562

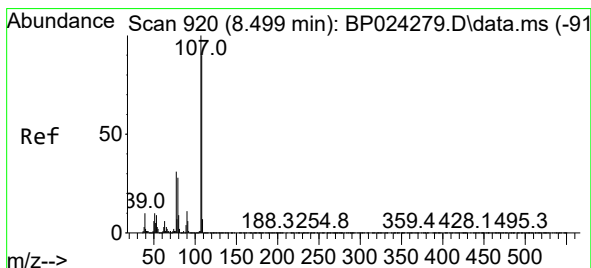
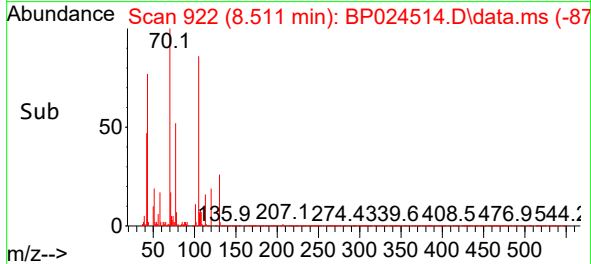
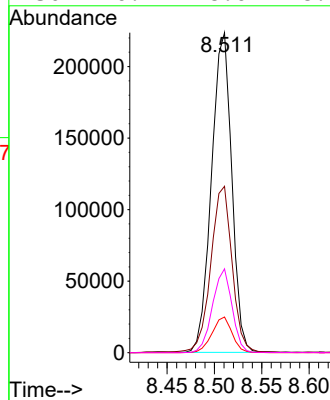
Ion Ratio Lower Upper

70 100

42 52.0 37.3 55.9

101 11.1 8.2 12.4

130 26.2 18.6 28.0



#20

3+4-Methylphenols

Concen: 51.691 ng

RT: 8.481 min Scan# 917

Delta R.T. -0.012 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

Tgt Ion: 107 Resp: 576508

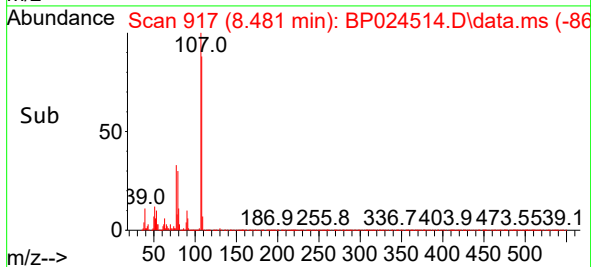
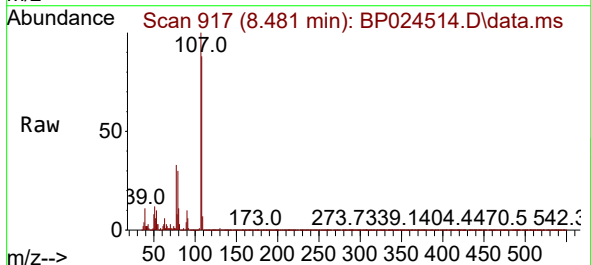
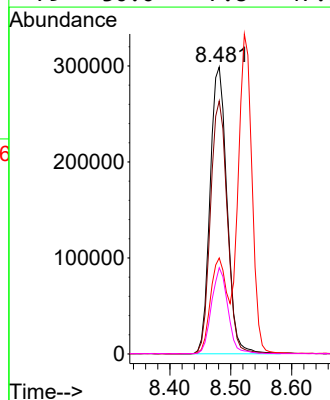
Ion Ratio Lower Upper

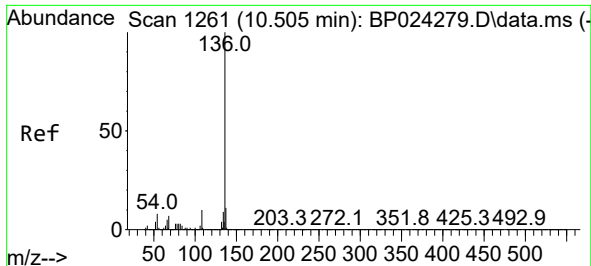
107 100

108 88.1 69.8 109.8

77 33.4 11.5 51.5

79 30.0 7.8 47.8

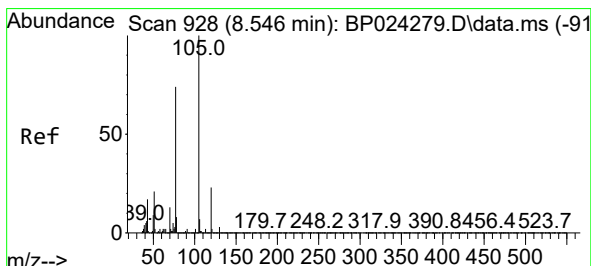
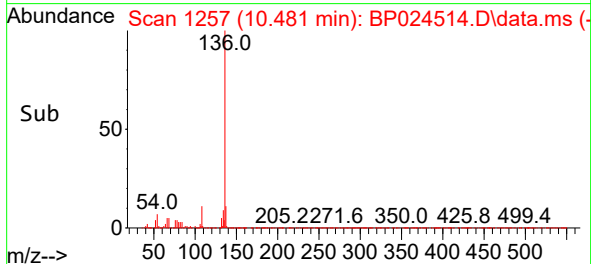
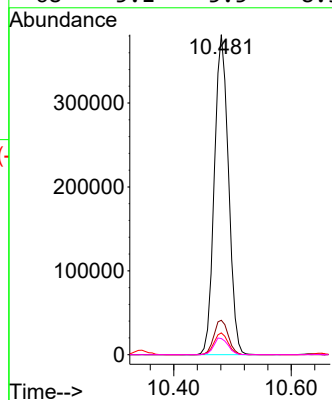
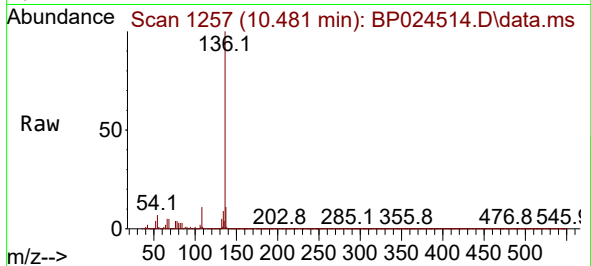




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

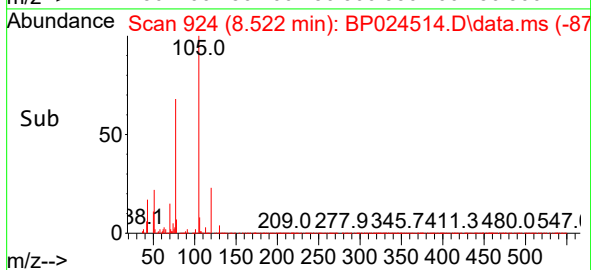
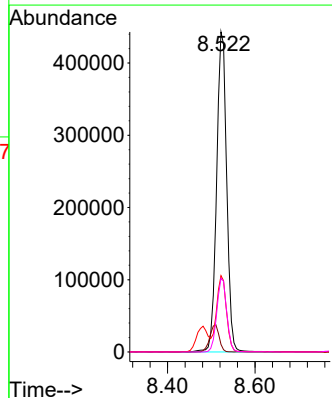
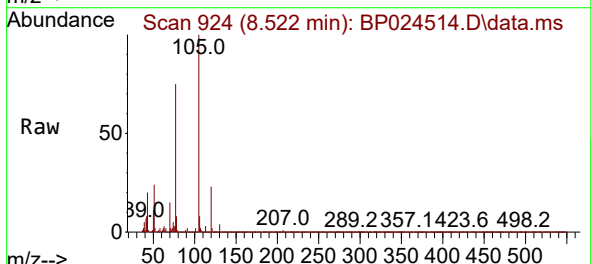
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

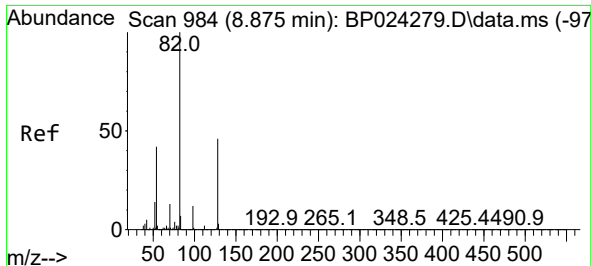
Tgt Ion:	136	Resp:	635615
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.8	6.0	9.0
68	5.1	5.5	8.3



#22
Acetophenone
Concen: 44.963 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:	105	Resp:	707351
Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.7	2.5
51	23.9	16.9	25.3
120	23.0	18.6	28.0

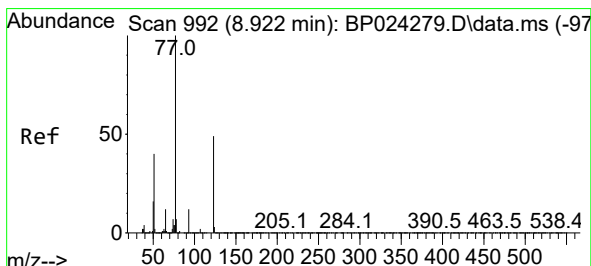
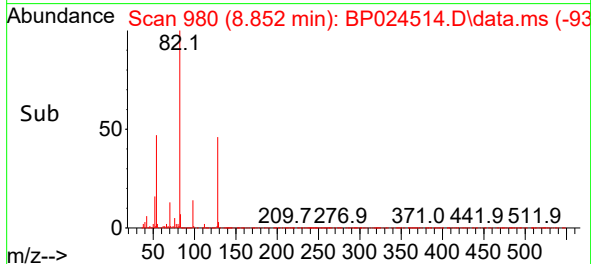
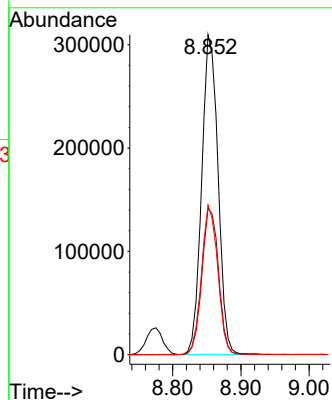
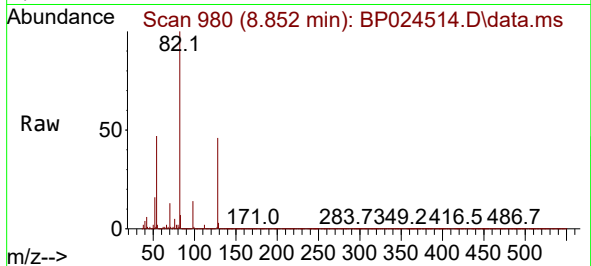




#23
Nitrobenzene-d5
Concen: 46.382 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

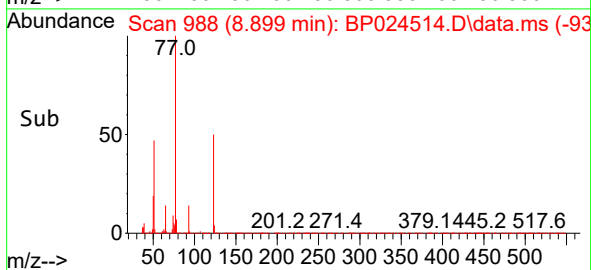
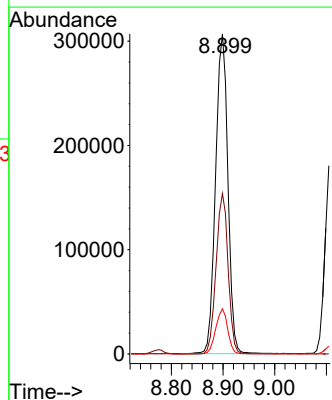
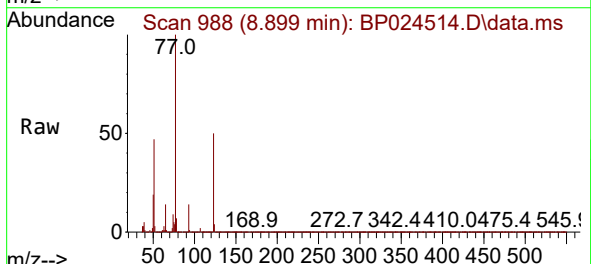
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

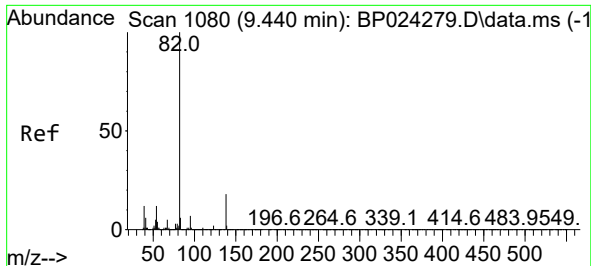
Tgt Ion: 82 Resp: 517024
Ion Ratio Lower Upper
82 100
128 45.7 36.5 54.7
54 46.7 33.4 50.2



#24
Nitrobenzene
Concen: 45.875 ng
RT: 8.899 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion: 77 Resp: 505877
Ion Ratio Lower Upper
77 100
123 50.2 39.2 58.8
65 14.1 9.8 14.6

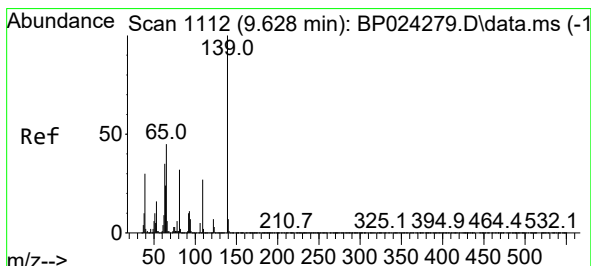
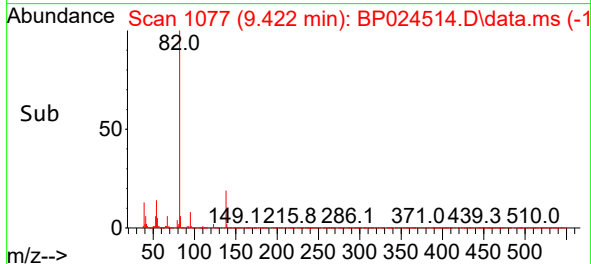
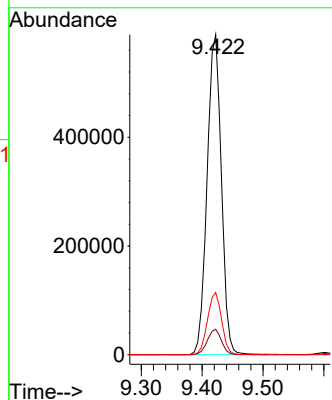
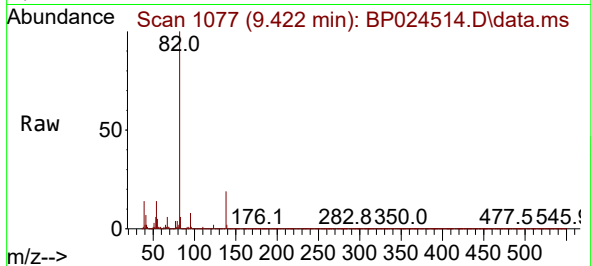




#25
Isophorone
Concen: 47.427 ng
RT: 9.422 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

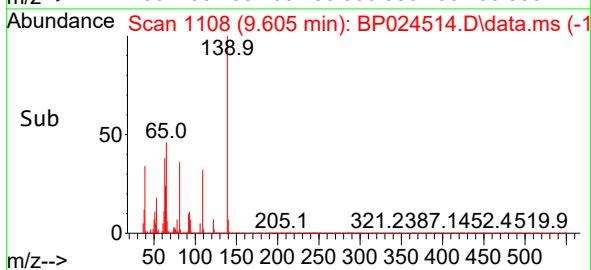
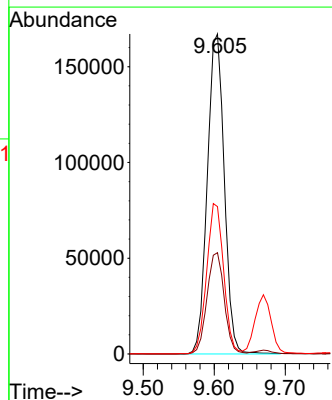
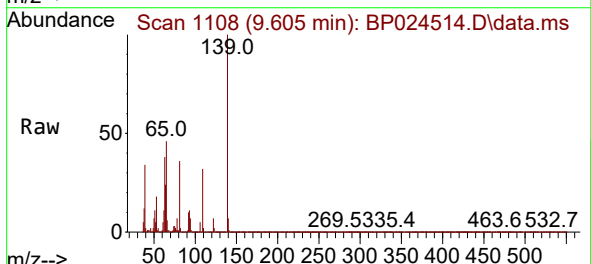
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

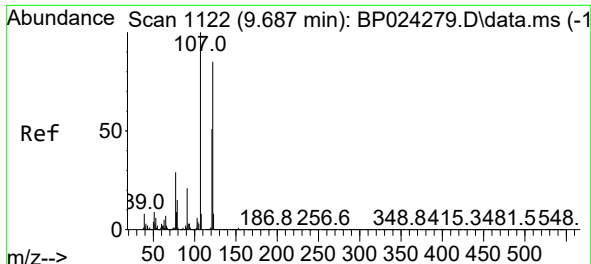
Tgt Ion: 82 Resp: 956925
Ion Ratio Lower Upper
82 100
95 7.9 5.4 8.2
138 19.4 14.4 21.6



#26
2-Nitrophenol
Concen: 51.424 ng
RT: 9.605 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion: 139 Resp: 277506
Ion Ratio Lower Upper
139 100
109 31.6 21.8 32.6
65 46.1 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 69.984 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

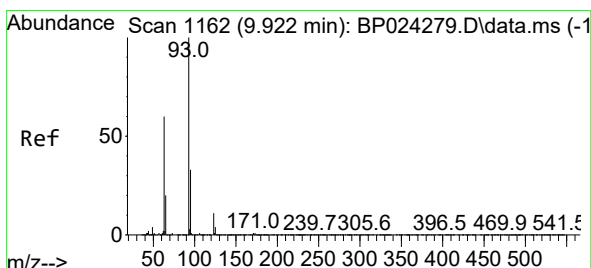
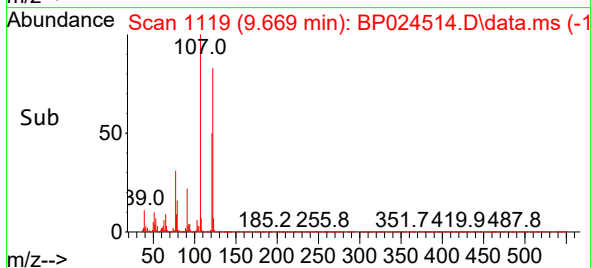
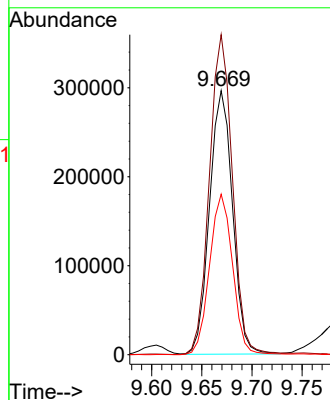
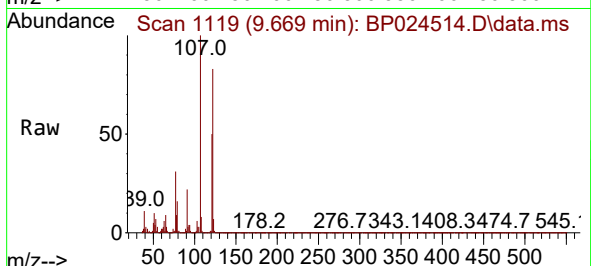
Tgt Ion:122 Resp: 474209

Ion Ratio Lower Upper

122 100

107 121.2 93.7 140.5

121 60.8 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.880 ng

RT: 9.893 min Scan# 1157

Delta R.T. -0.017 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

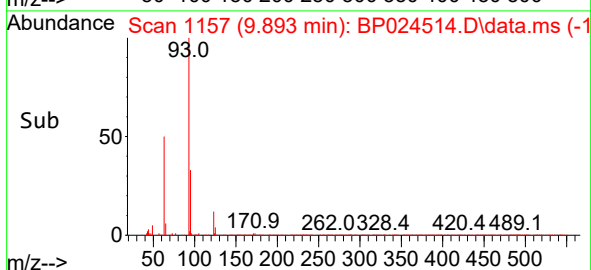
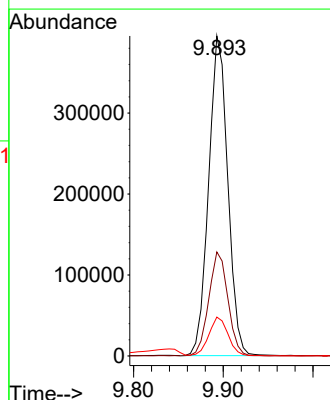
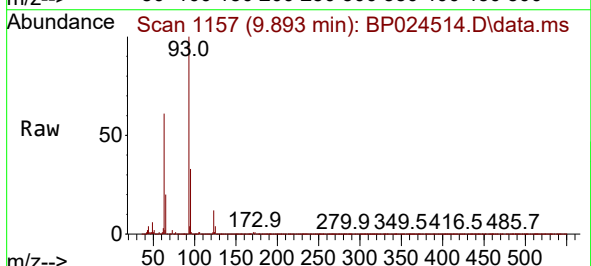
Tgt Ion: 93 Resp: 584460

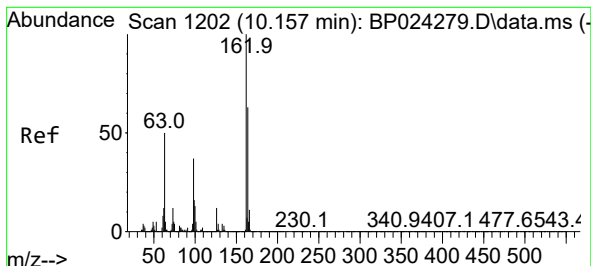
Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 12.2 9.1 13.7

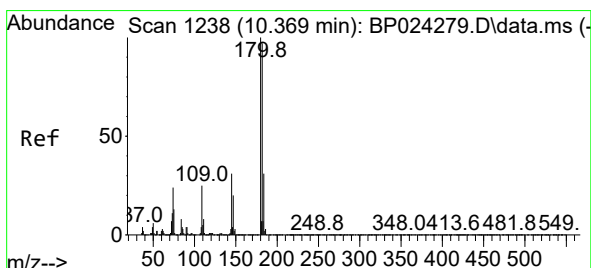
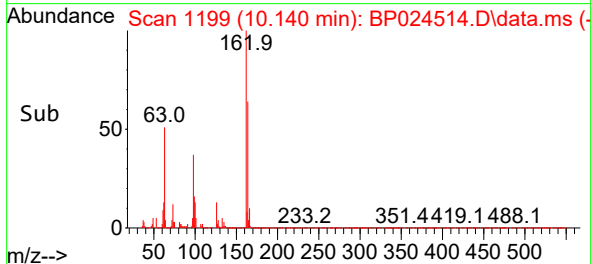
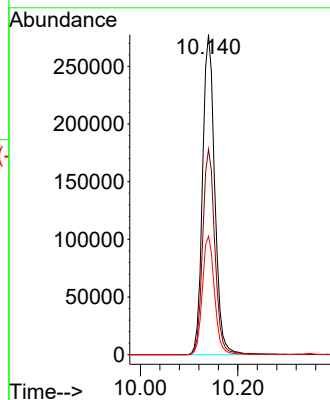
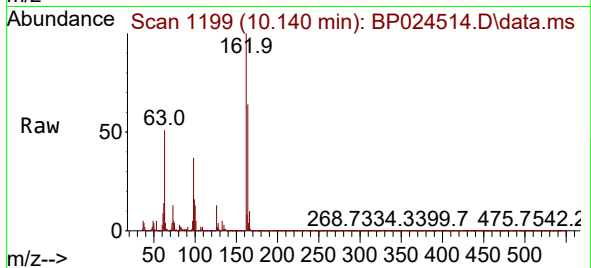




#29
2,4-Dichlorophenol
Concen: 52.251 ng
RT: 10.140 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

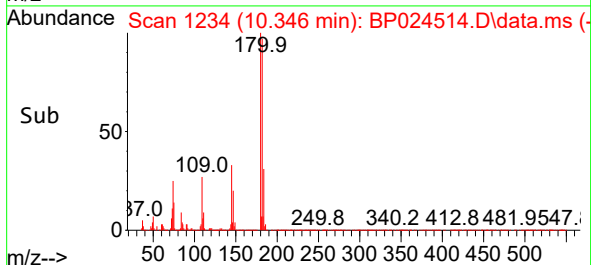
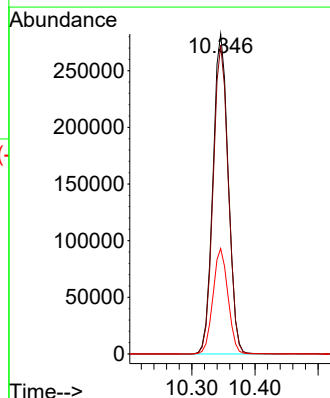
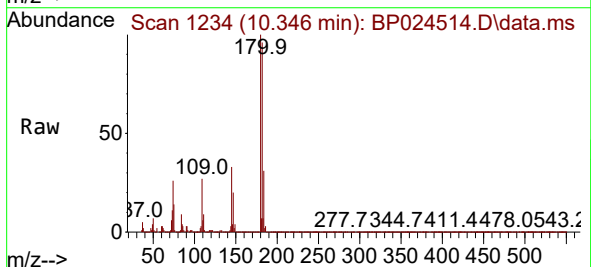
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

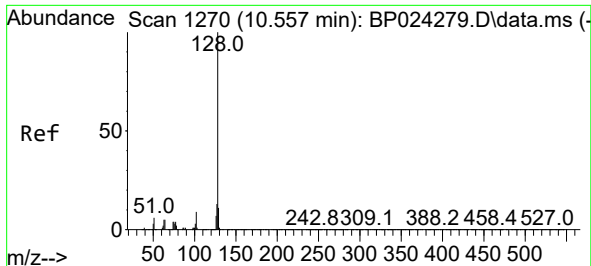
Tgt Ion:162 Resp: 482747
Ion Ratio Lower Upper
162 100
164 64.2 43.3 83.3
98 37.0 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 47.864 ng
RT: 10.346 min Scan# 1234
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:180 Resp: 473798
Ion Ratio Lower Upper
180 100
182 96.5 77.3 115.9
145 32.9 25.1 37.7

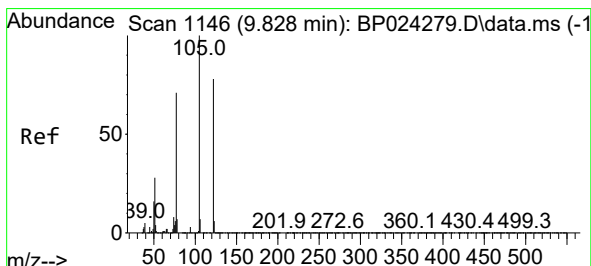
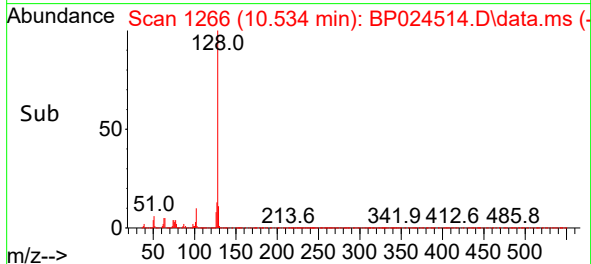
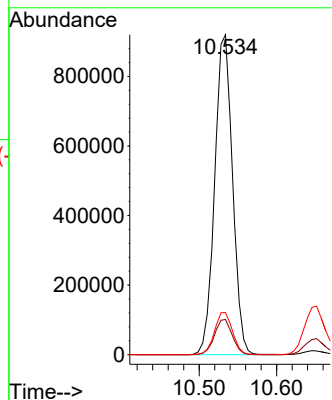
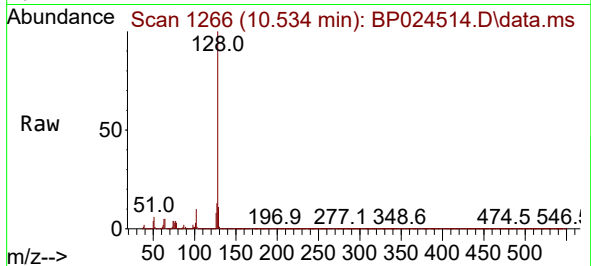




#31
Naphthalene
Concen: 43.905 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

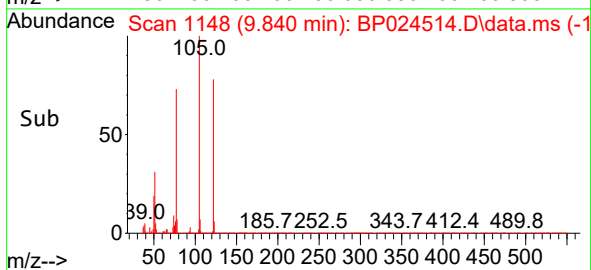
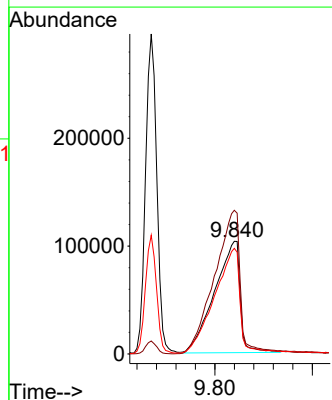
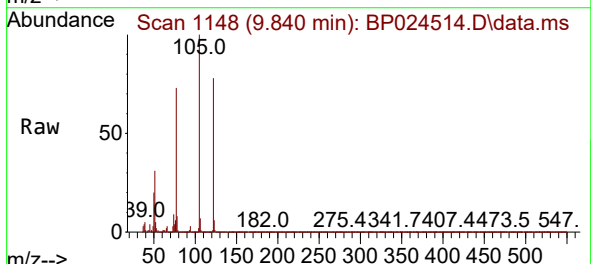
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

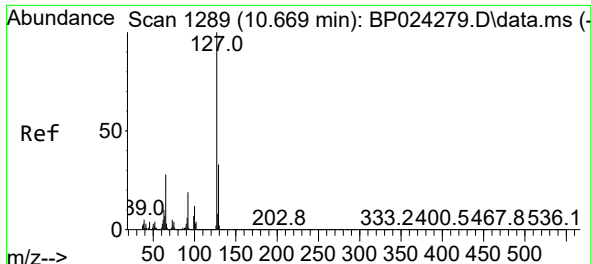
Tgt Ion:128 Resp: 1470013
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 47.929 ng
RT: 9.840 min Scan# 1148
Delta R.T. 0.018 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:122 Resp: 378416
Ion Ratio Lower Upper
122 100
105 127.6 104.8 144.8
77 93.8 69.2 109.2

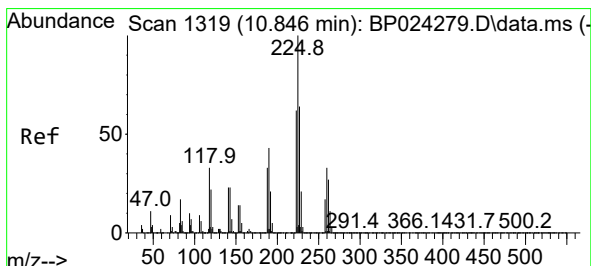
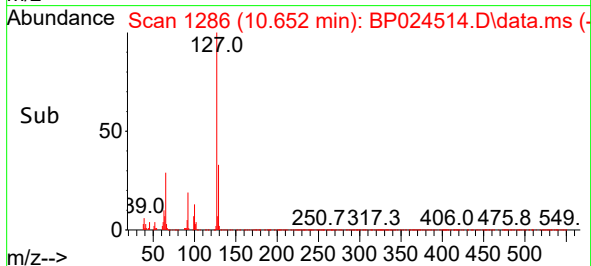
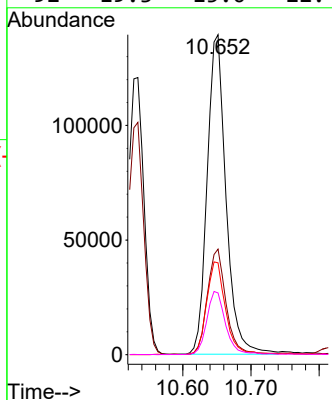
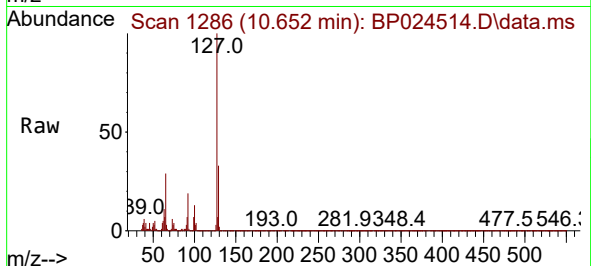




#33
4-Chloroaniline
Concen: 22.787 ng
RT: 10.652 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

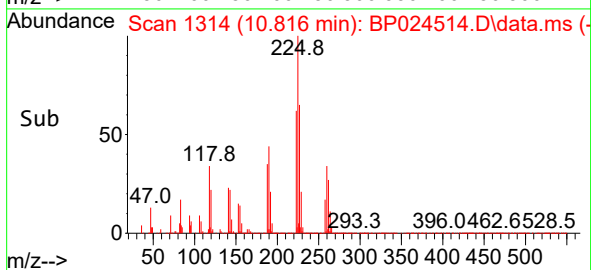
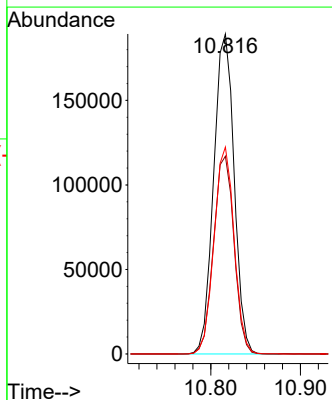
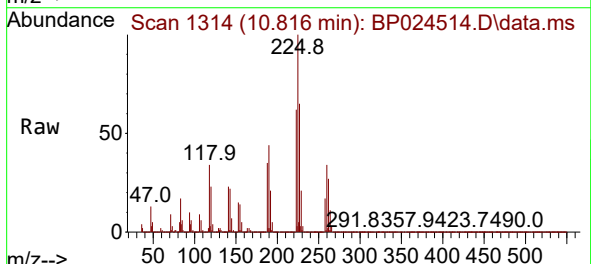
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MH-QMSD

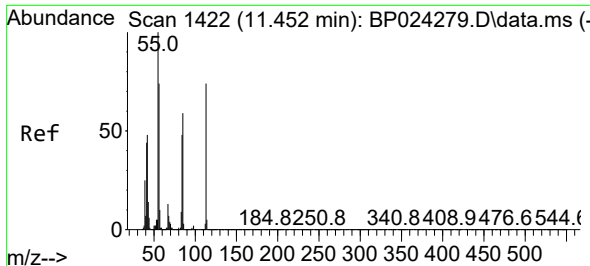
Tgt Ion:	127	Resp:	268680
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	28.7	22.1	33.1
92	19.3	15.0	22.4



#34
Hexachlorobutadiene
Concen: 51.536 ng
RT: 10.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:	225	Resp:	299778
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.5	74.3
227	64.6	50.9	76.3

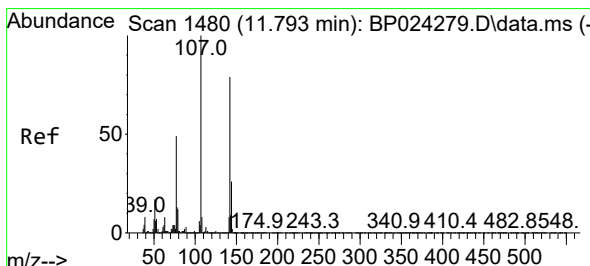
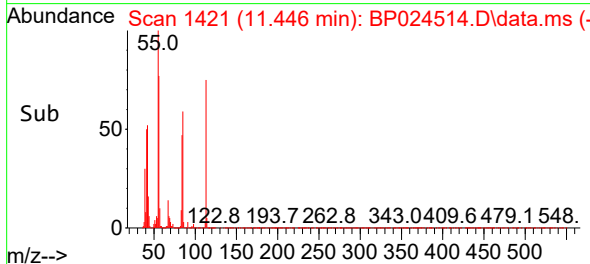
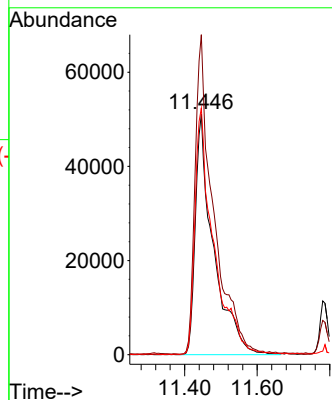
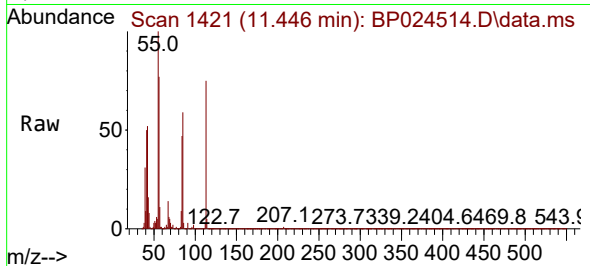




#35
Caprolactam
Concen: 51.564 ng
RT: 11.446 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

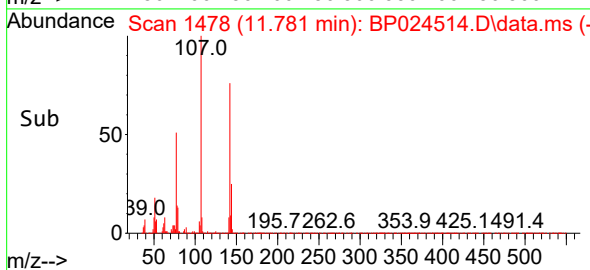
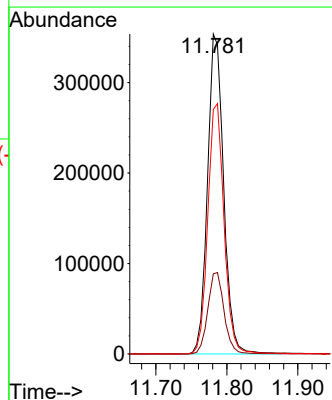
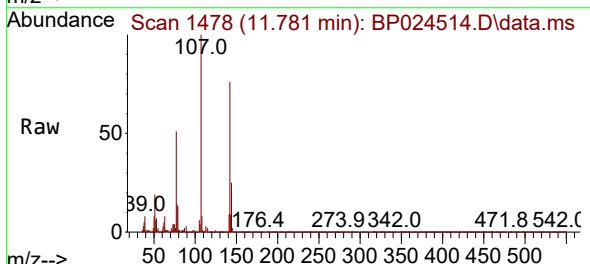
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

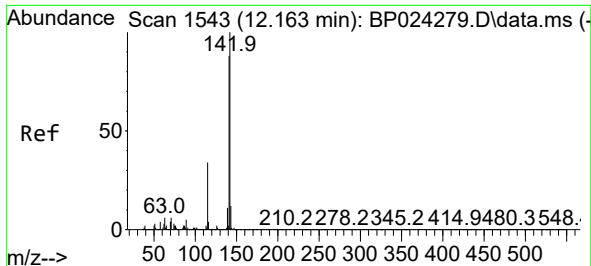
Tgt Ion:113 Resp: 175782
Ion Ratio Lower Upper
113 100
55 133.1 115.9 155.9
56 102.6 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 52.008 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:107 Resp: 559673
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 76.4 63.4 95.2

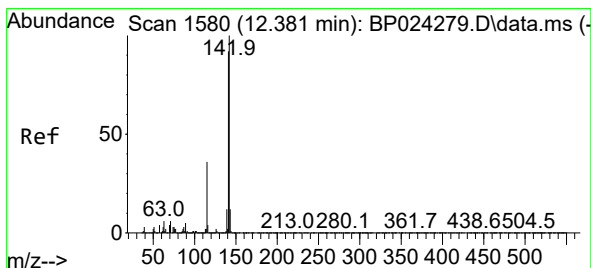
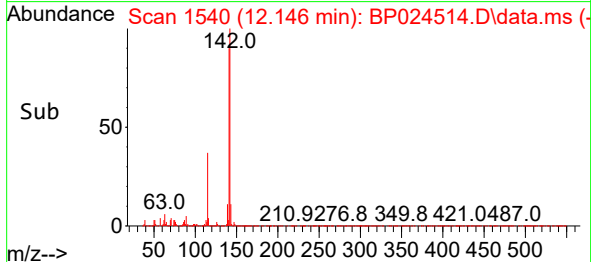
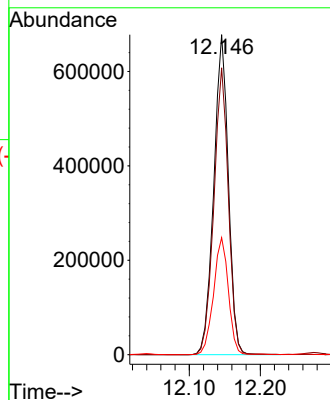
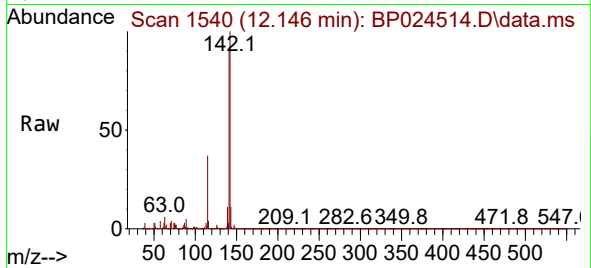




#37
2-Methylnaphthalene
Concen: 41.529 ng
RT: 12.146 min Scan# 1543
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

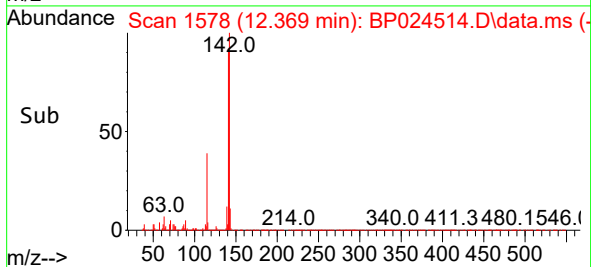
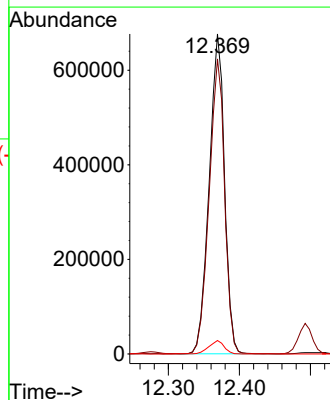
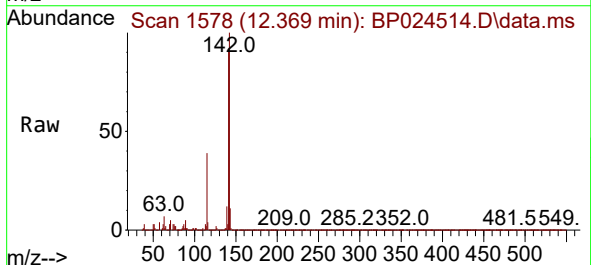
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

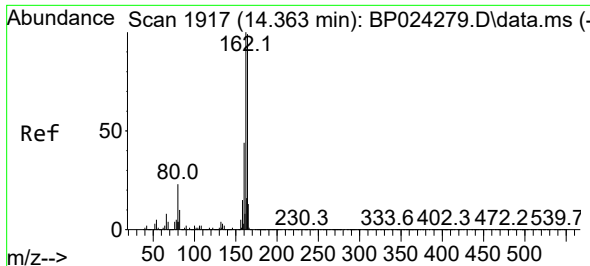
Tgt Ion:142 Resp: 964313
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5
115 36.5 26.9 40.3



#38
1-Methylnaphthalene
Concen: 44.764 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:142 Resp: 1016861
Ion Ratio Lower Upper
142 100
141 92.2 73.6 110.4
116 4.2 3.0 4.6

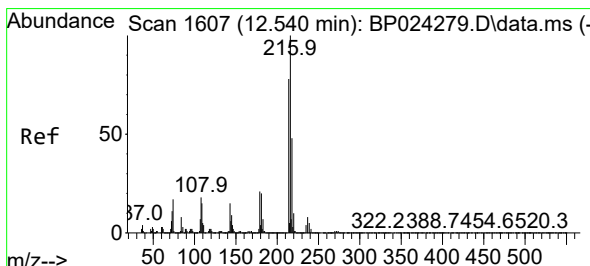
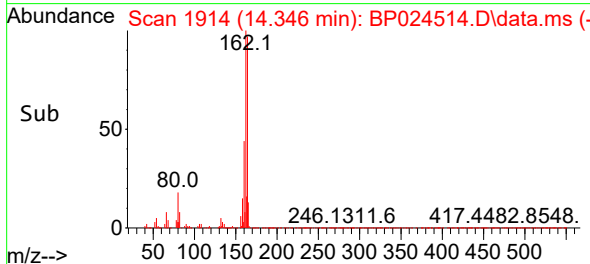
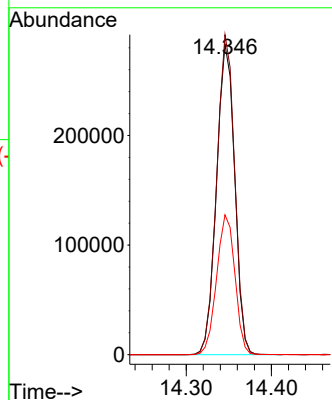
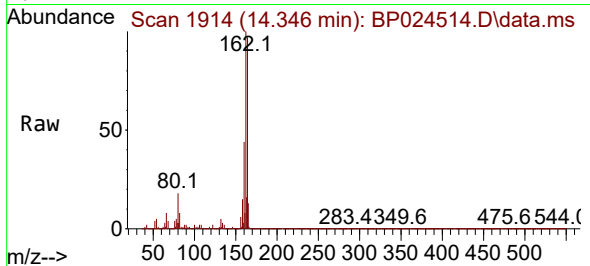




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

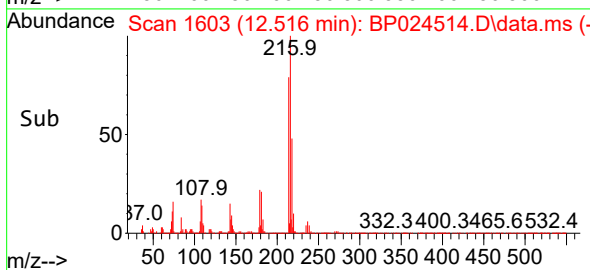
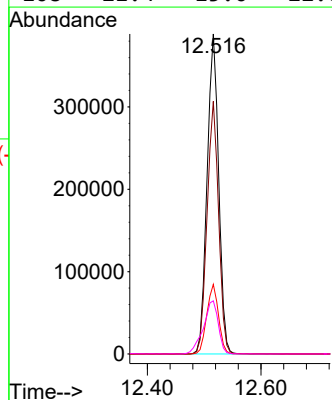
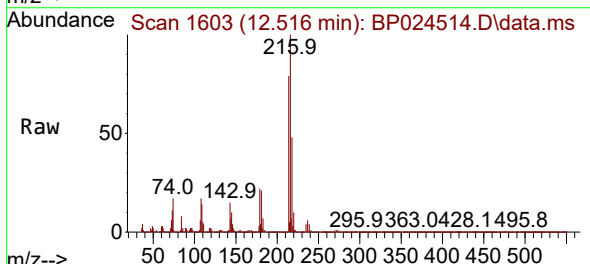
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

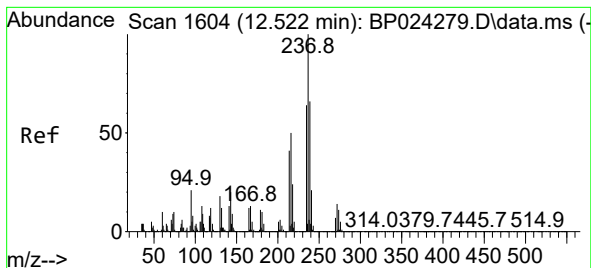
Tgt Ion:164 Resp: 419632
Ion Ratio Lower Upper
164 100
162 103.1 80.6 120.8
160 45.1 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.481 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:216 Resp: 547934
Ion Ratio Lower Upper
216 100
214 78.4 62.6 93.8
179 22.0 17.2 25.8
108 21.4 15.0 22.6

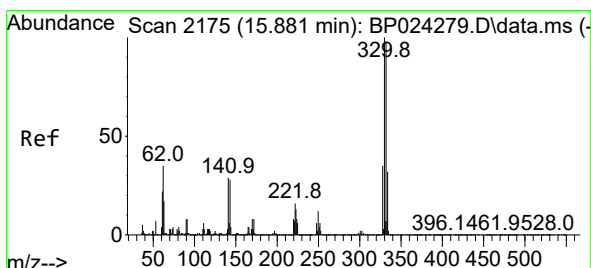
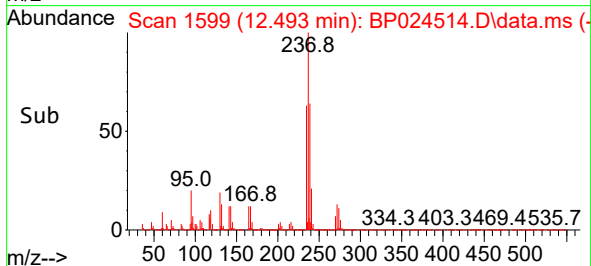
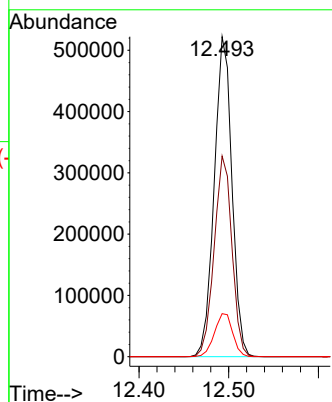
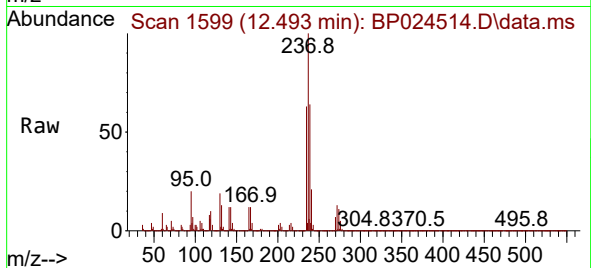




#41
Hexachlorocyclopentadiene
Concen: 175.134 ng
RT: 12.493 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

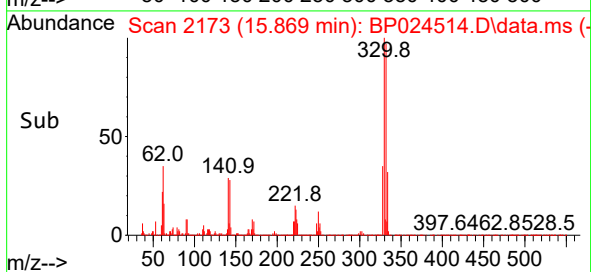
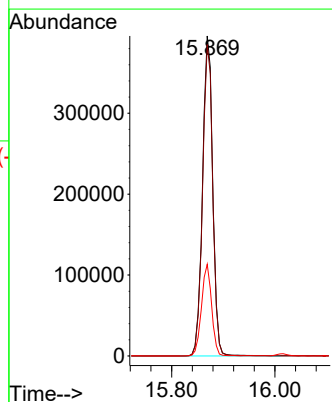
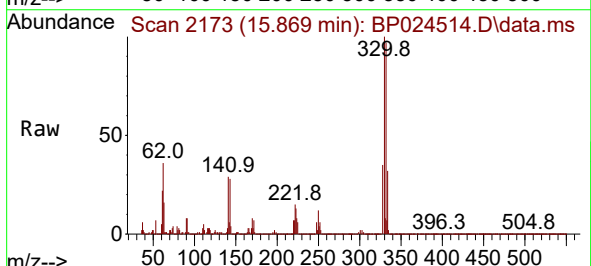
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

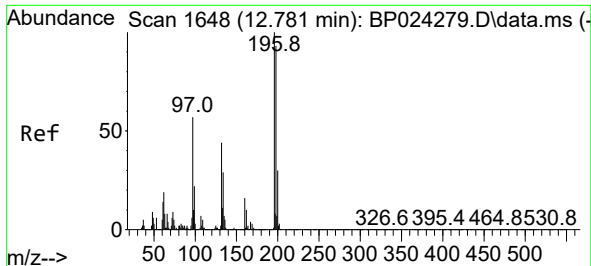
Tgt Ion:237 Resp: 714785
Ion Ratio Lower Upper
237 100
235 62.7 43.9 83.9
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 93.296 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:330 Resp: 541662
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 28.5 24.7 37.1

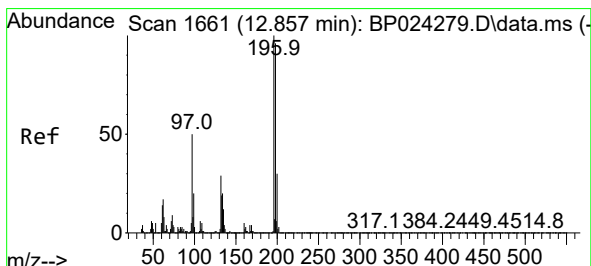
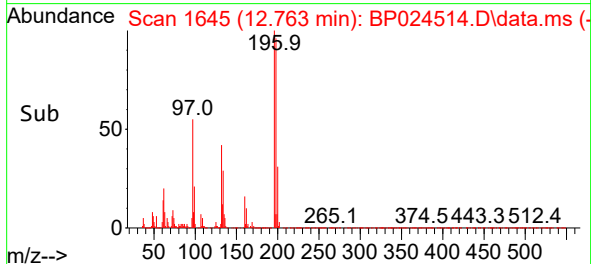
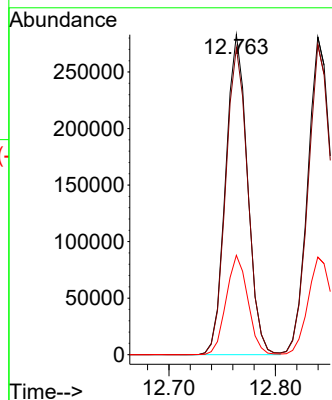
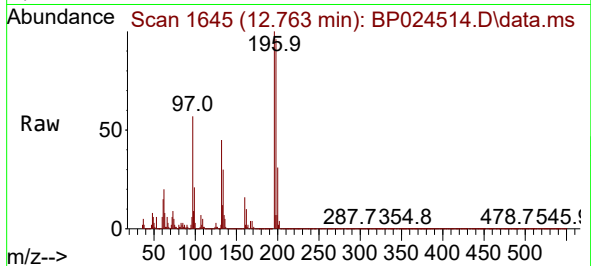




#43
2,4,6-Trichlorophenol
Concen: 52.518 ng
RT: 12.763 min Scan# 1658
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

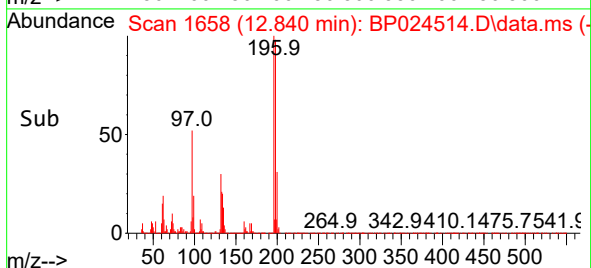
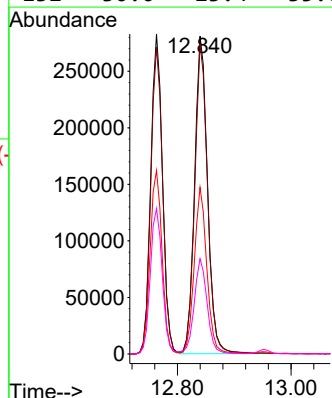
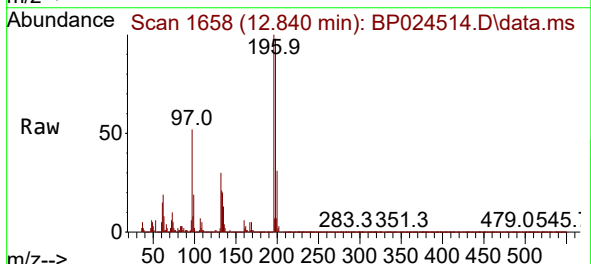
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

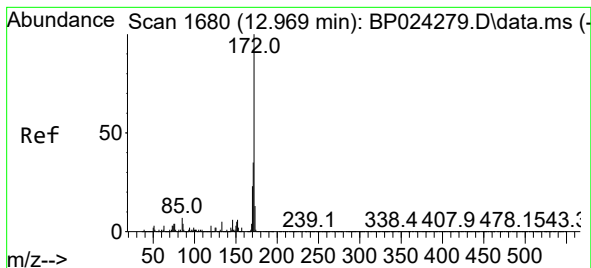
Tgt Ion:196 Resp: 402938
Ion Ratio Lower Upper
196 100
198 96.0 74.3 111.5
200 31.0 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 52.724 ng
RT: 12.840 min Scan# 1658
Delta R.T. -0.017 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:196 Resp: 447948
Ion Ratio Lower Upper
196 100
198 97.7 77.3 115.9
97 52.4 40.4 60.6
132 30.0 23.4 35.0

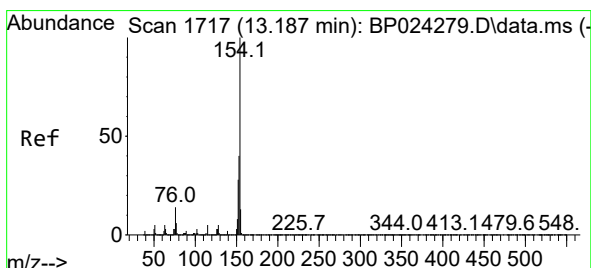
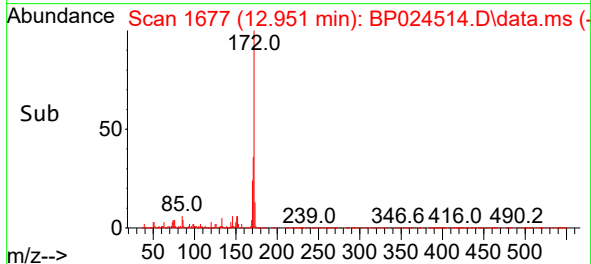
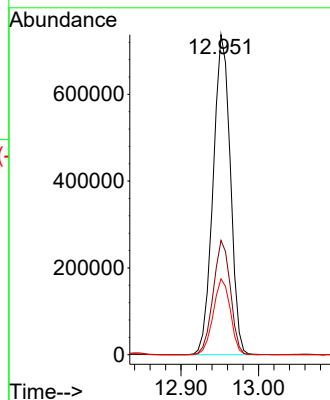
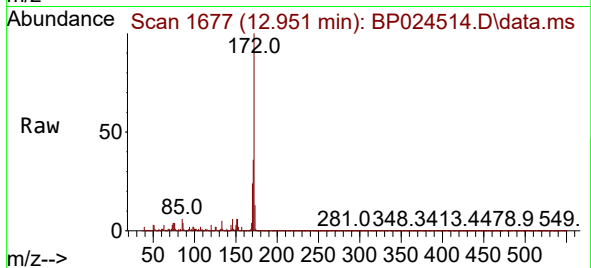




#45
2-Fluorobiphenyl
Concen: 41.501 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

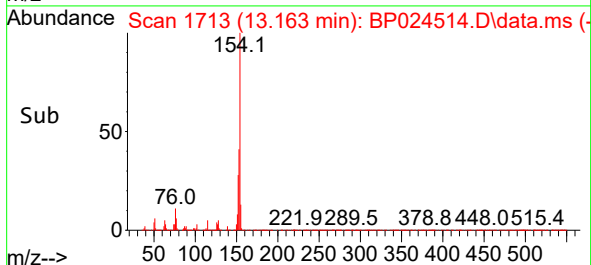
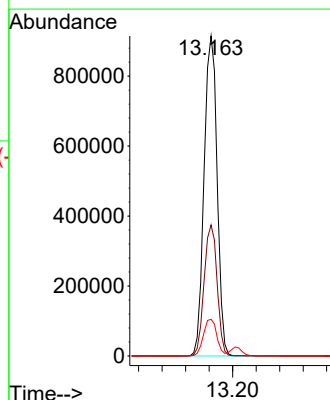
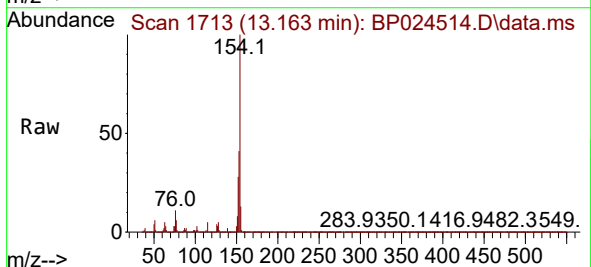
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

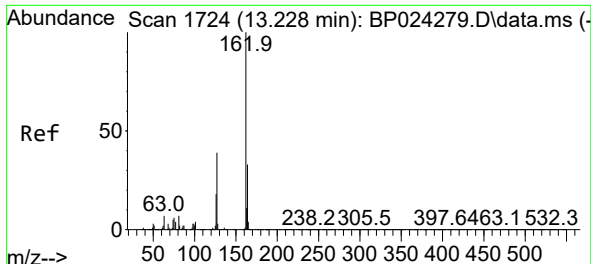
Tgt Ion:172 Resp: 1137422
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 45.608 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:154 Resp: 1406774
Ion Ratio Lower Upper
154 100
153 41.0 20.3 60.3
76 11.5 0.0 33.5

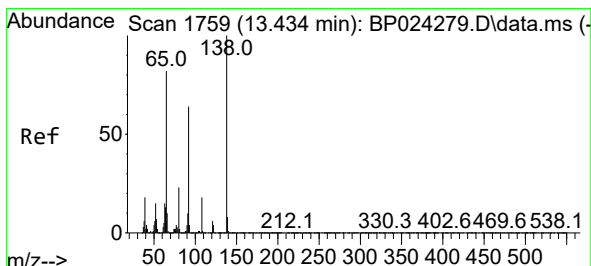
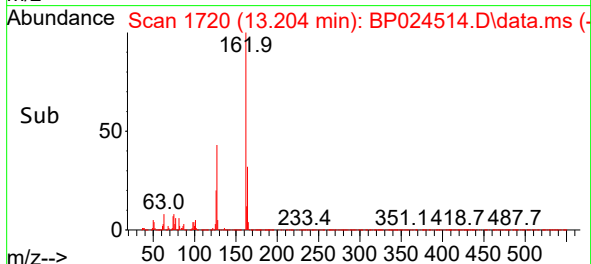
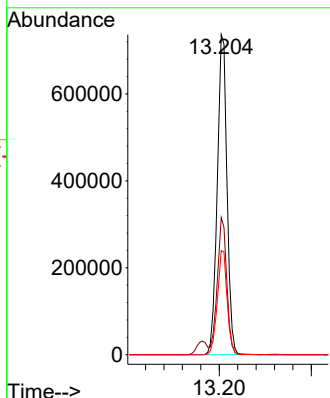
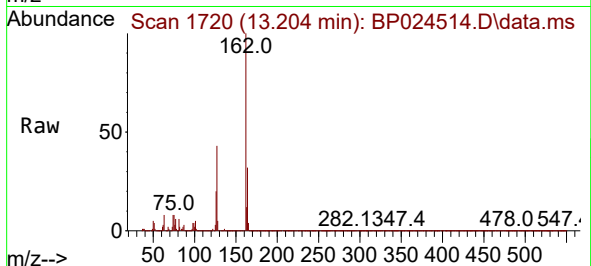




#47
2-Chloronaphthalene
Concen: 46.589 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

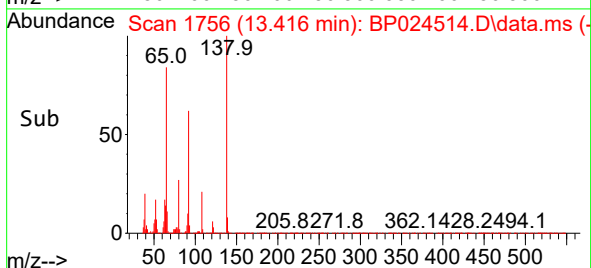
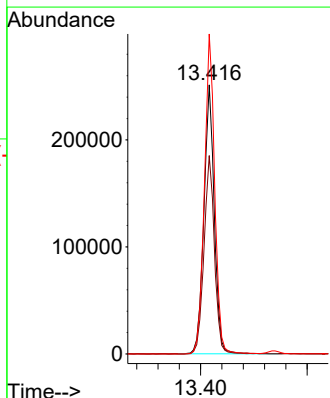
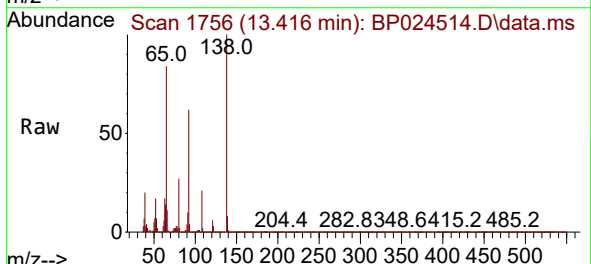
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

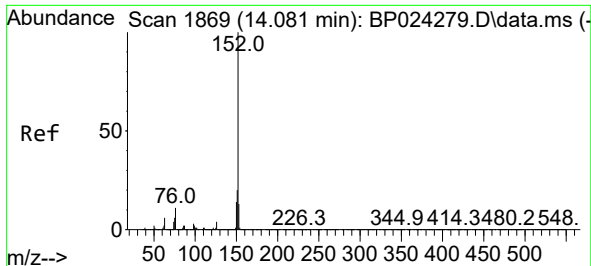
Tgt Ion:162 Resp: 1074038
Ion Ratio Lower Upper
162 100
127 42.8 31.9 47.9
164 32.5 26.2 39.4



#48
2-Nitroaniline
Concen: 52.623 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion: 65 Resp: 340290
Ion Ratio Lower Upper
65 100
92 73.7 62.3 93.5
138 118.9 97.2 145.8

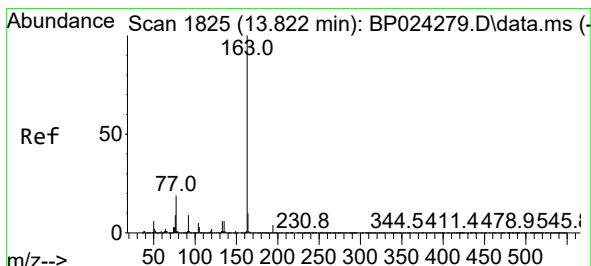
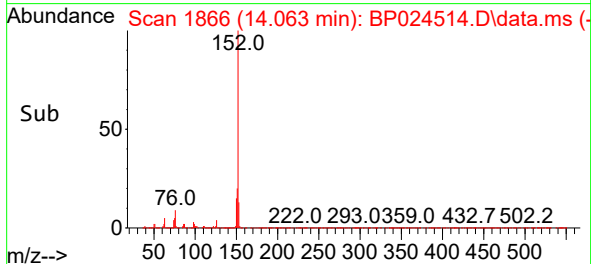
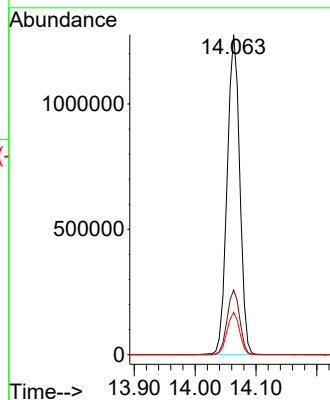
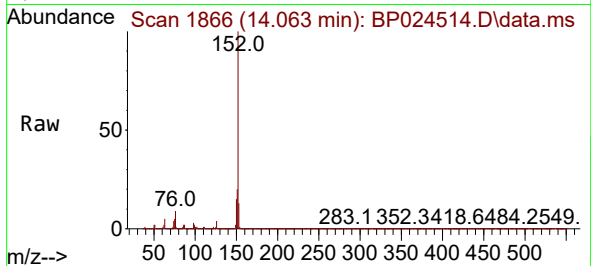




#49
Acenaphthylene
Concen: 50.483 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

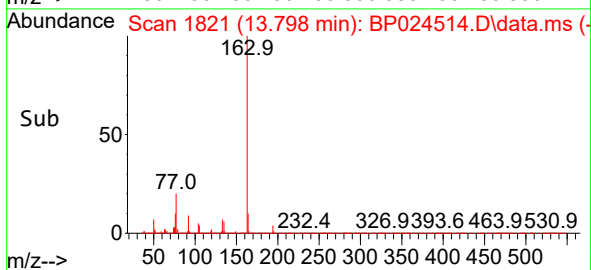
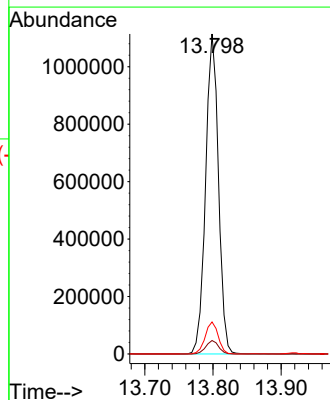
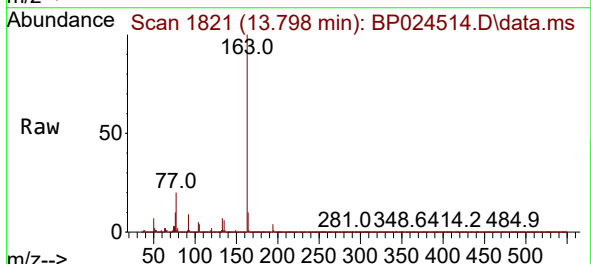
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

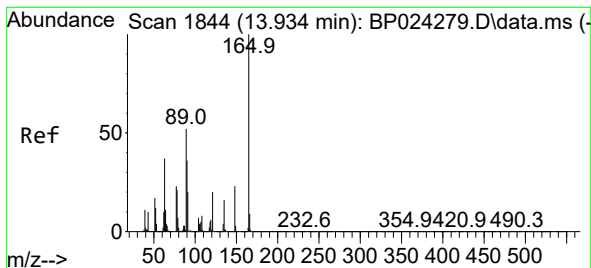
Tgt Ion:152 Resp: 1832311
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 47.801 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:163 Resp: 1458720
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.0 8.0 12.0

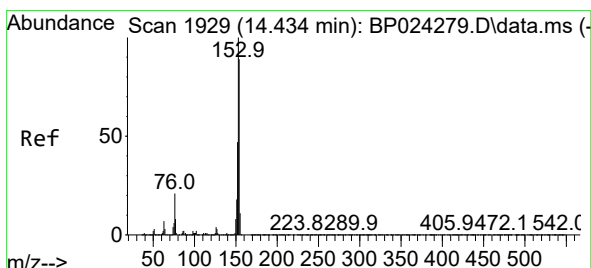
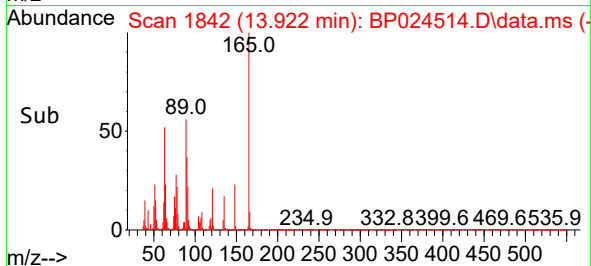
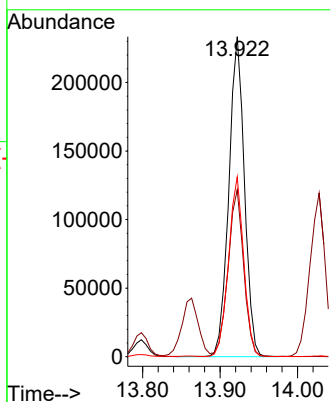
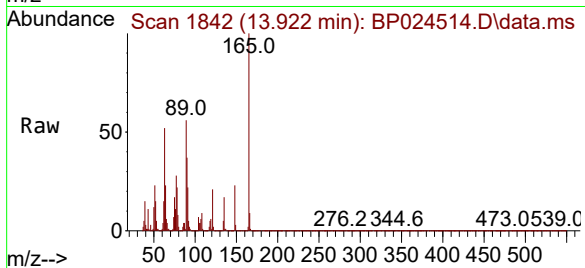




#51
2,6-Dinitrotoluene
Concen: 50.416 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

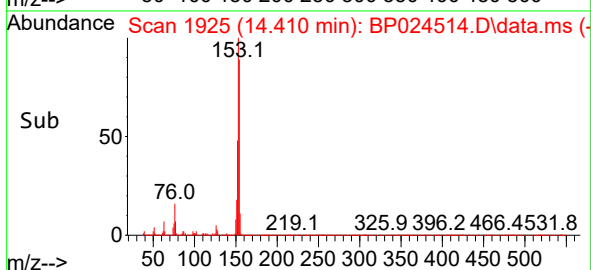
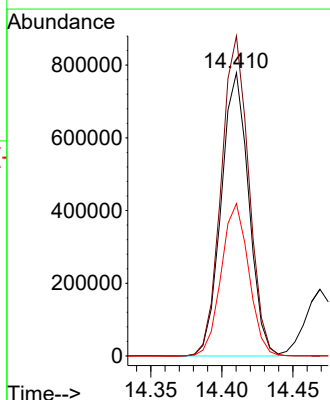
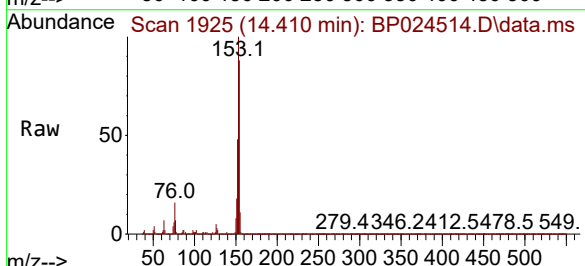
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

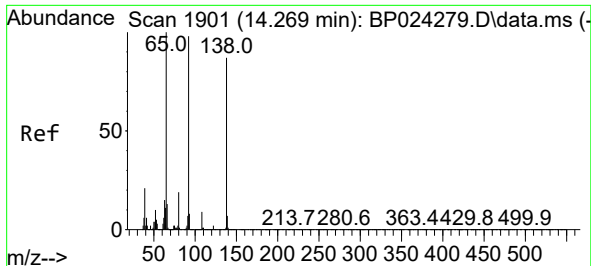
Tgt Ion:165 Resp: 326702
Ion Ratio Lower Upper
165 100
63 52.2 38.0 57.0
89 56.2 41.7 62.5



#52
Acenaphthene
Concen: 45.549 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:154 Resp: 1048106
Ion Ratio Lower Upper
154 100
153 113.0 89.8 134.6
152 53.8 42.6 63.8

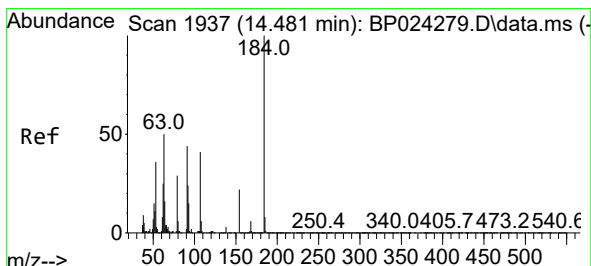
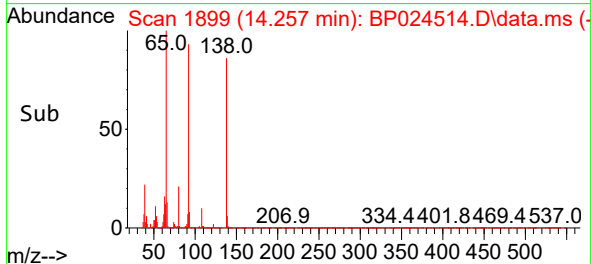
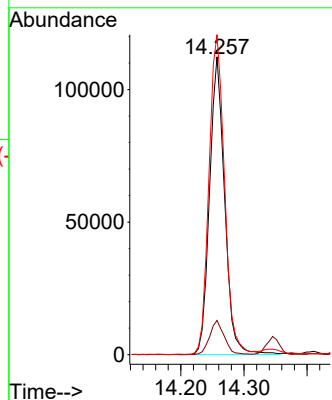
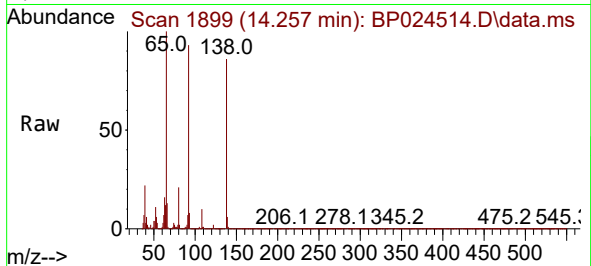




#53
3-Nitroaniline
Concen: 27.377 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

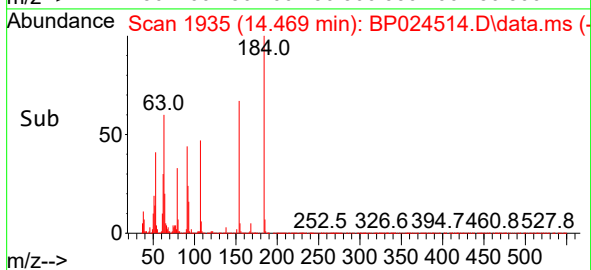
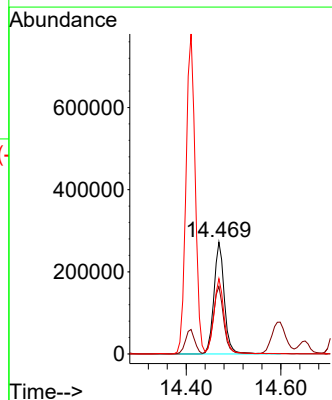
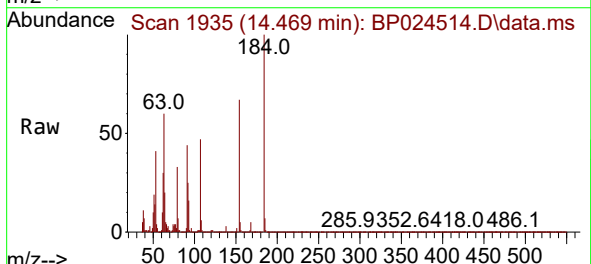
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

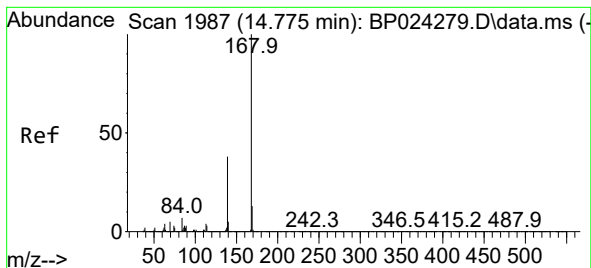
Tgt Ion:138 Resp: 186453
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 107.4 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 109.115 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:184 Resp: 416502
Ion Ratio Lower Upper
184 100
63 60.3 42.6 64.0
154 67.4 47.2 70.8

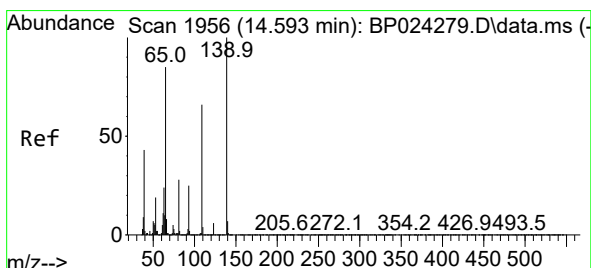
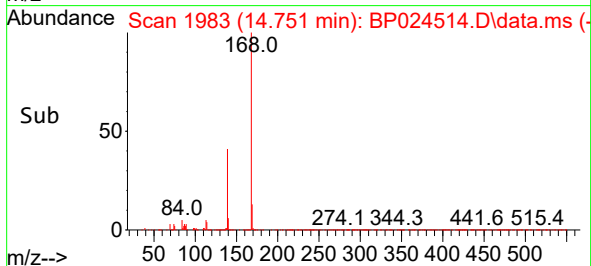
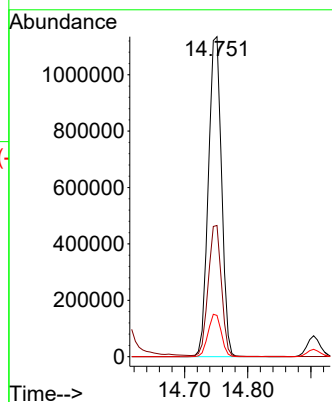
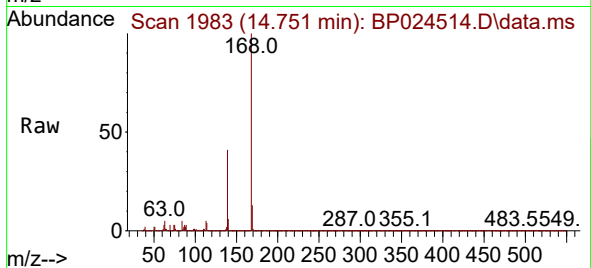




#55
Dibenzofuran
Concen: 43.593 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

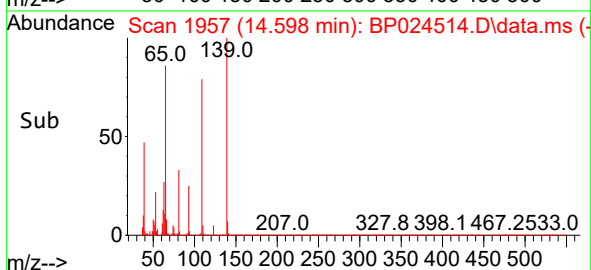
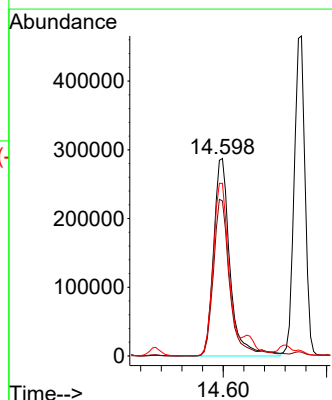
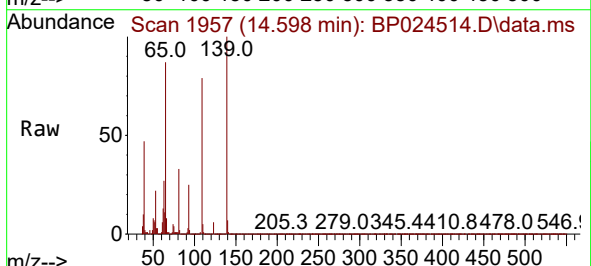
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

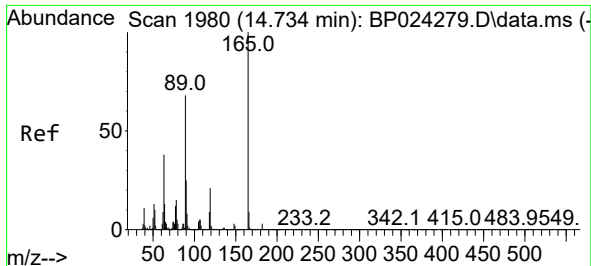
Tgt Ion:168 Resp: 1639621
Ion Ratio Lower Upper
168 100
139 41.0 30.3 45.5
169 12.9 10.6 16.0



#56
4-Nitrophenol
Concen: 107.342 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:139 Resp: 631394
Ion Ratio Lower Upper
139 100
109 78.6 46.1 86.1
65 87.4 65.0 105.0

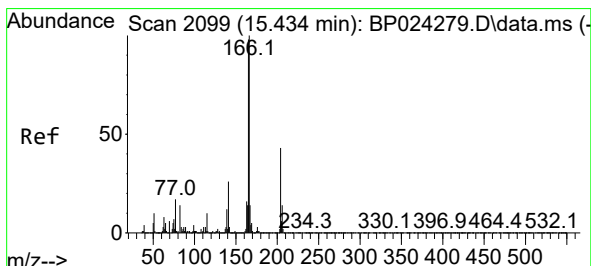
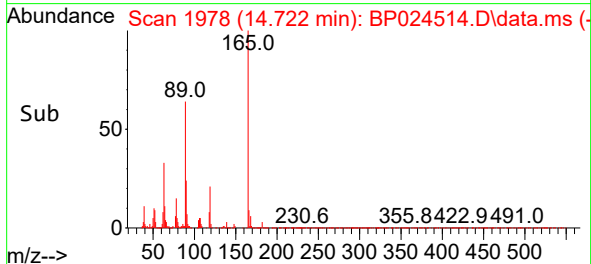
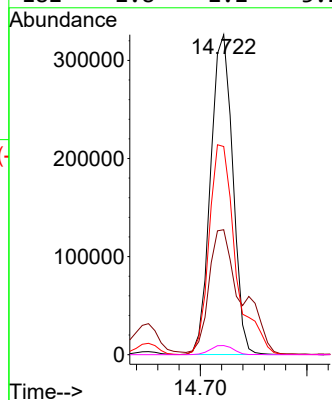
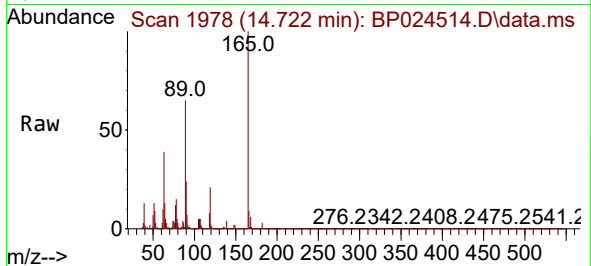




#57
2,4-Dinitrotoluene
Concen: 53.227 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

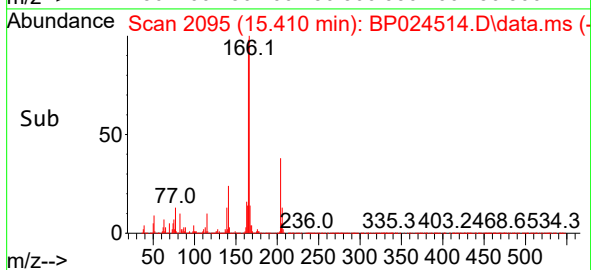
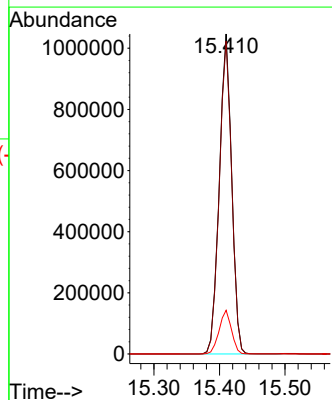
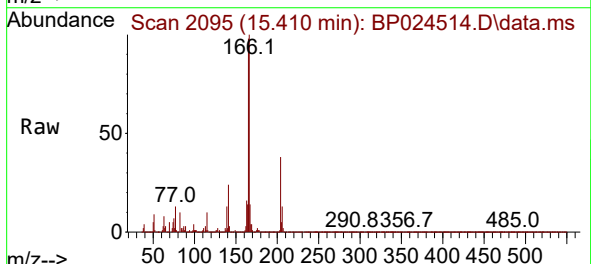
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

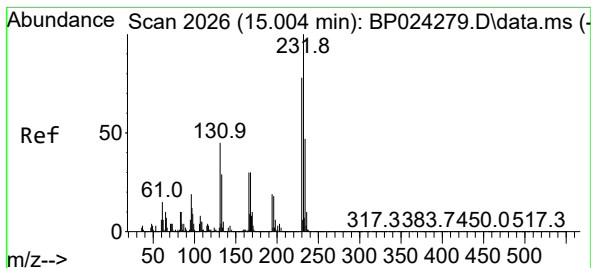
Tgt Ion:165 Resp: 470506
Ion Ratio Lower Upper
165 100
63 39.0 30.4 45.6
89 65.0 54.6 82.0
182 2.8 2.2 3.2



#58
Fluorene
Concen: 46.854 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:166 Resp: 1364224
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.7 10.9 16.3

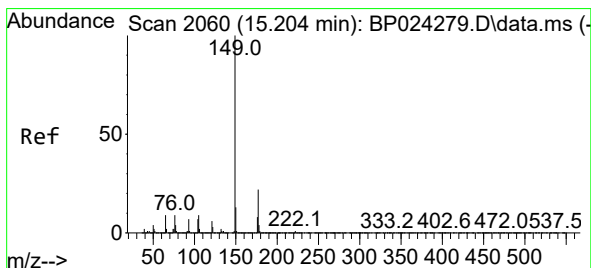
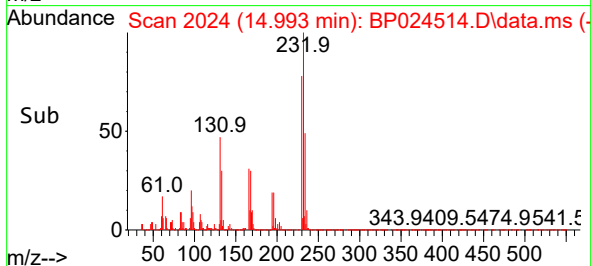
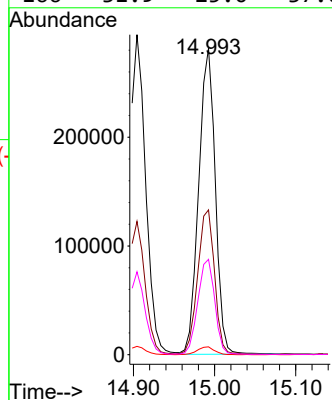
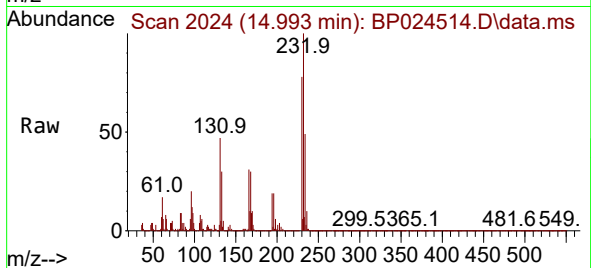




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.035 ng
RT: 14.993 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

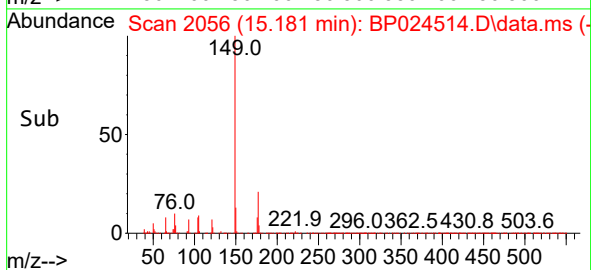
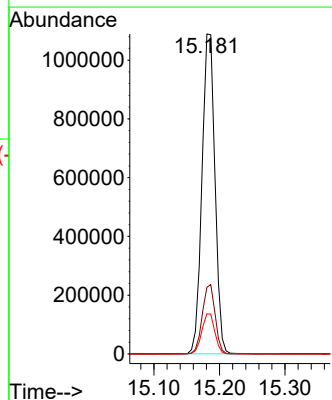
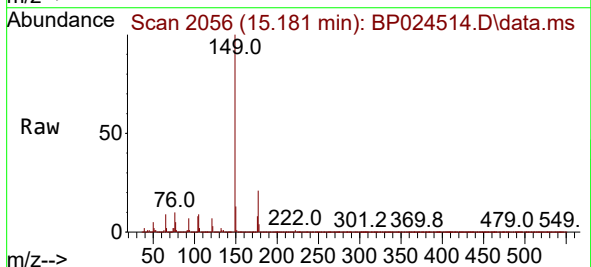
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

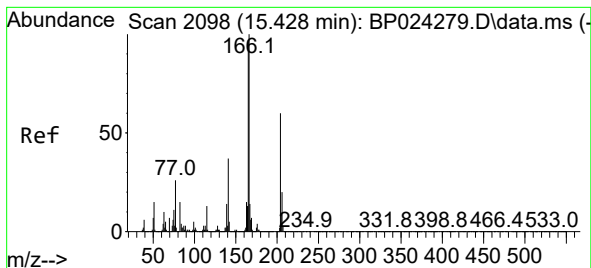
Tgt Ion:232 Resp: 399914
Ion Ratio Lower Upper
232 100
131 48.2 36.8 55.2
130 2.6 1.9 2.9
166 31.9 25.0 37.6



#60
Diethylphthalate
Concen: 47.833 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:149 Resp: 1504235
Ion Ratio Lower Upper
149 100
177 20.8 17.4 26.2
150 12.6 10.1 15.1

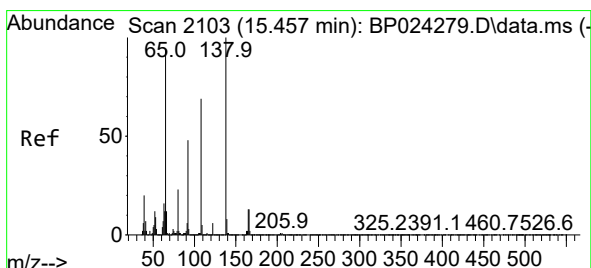
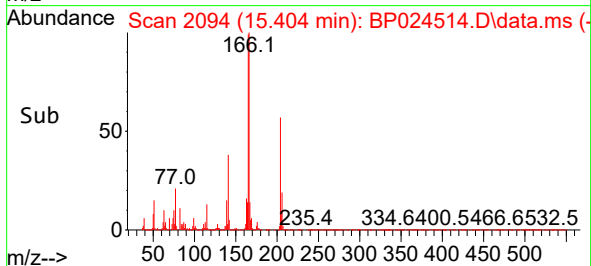
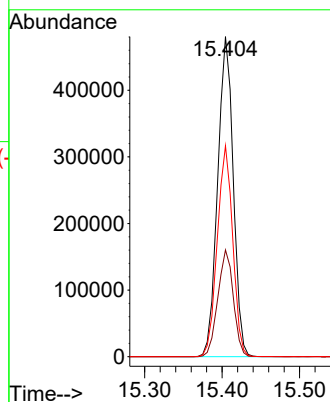
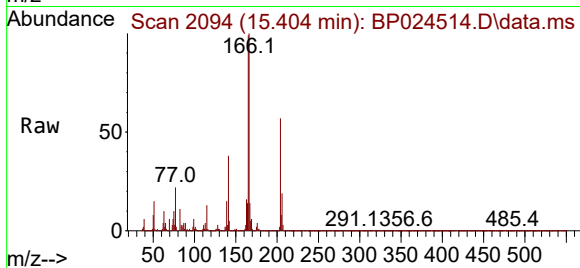




#61
4-Chlorophenyl-phenylether
Concen: 47.423 ng
RT: 15.404 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

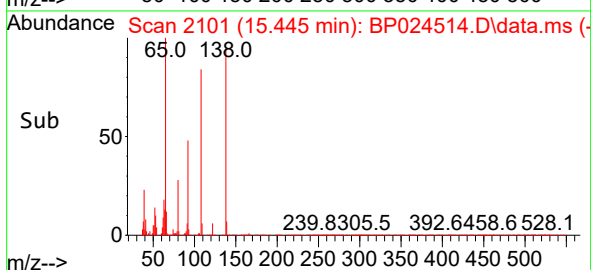
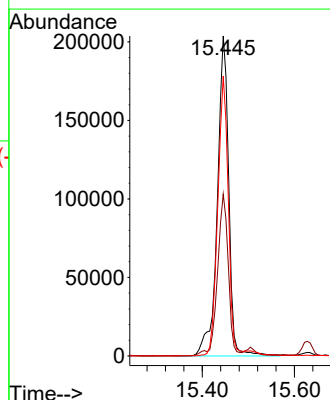
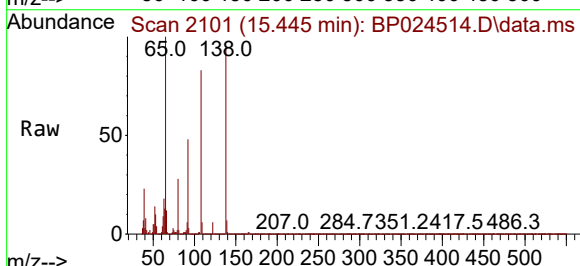
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

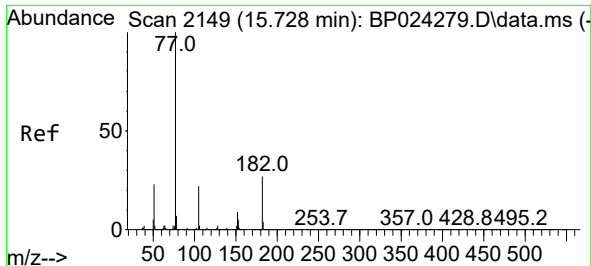
Tgt Ion:204 Resp: 670521
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 65.9 49.4 74.0



#62
4-Nitroaniline
Concen: 48.578 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:138 Resp: 350240
Ion Ratio Lower Upper
138 100
92 50.6 27.8 67.8
108 87.5 48.9 88.9



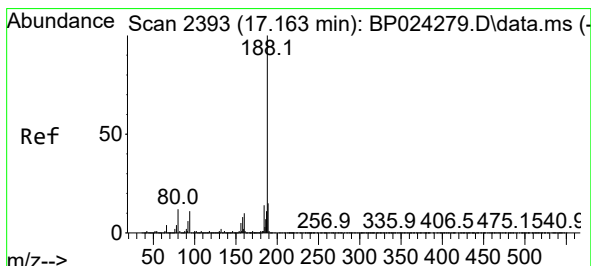
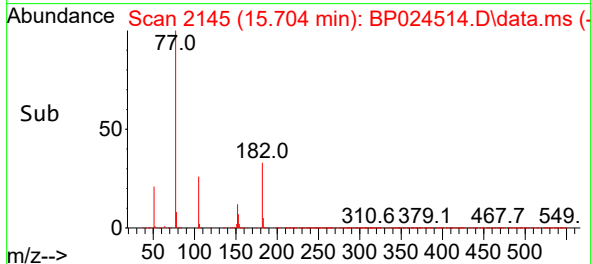
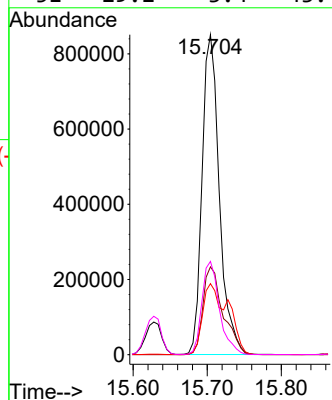
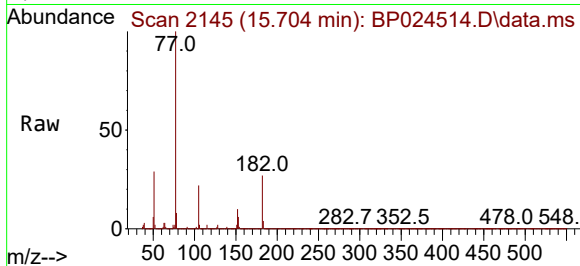


#63
Azobenzene
Concen: 47.588 ng
RT: 15.704 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Instrument :
BNA_P
ClientSampleId :
MH-QMSD

Tgt Ion: 77 Resp: 1375499

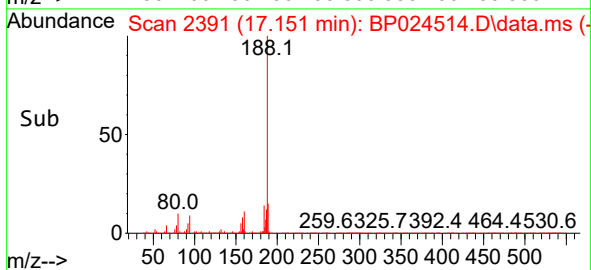
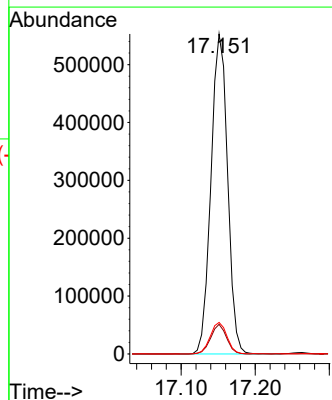
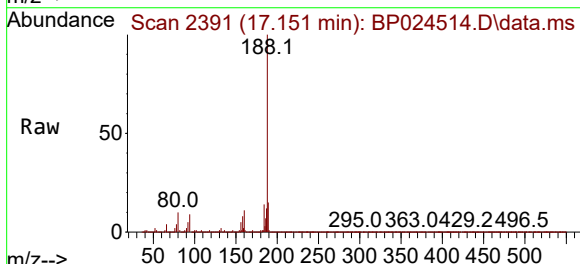
Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.3	47.3
105	22.2	2.3	42.3
51	29.2	3.4	43.4

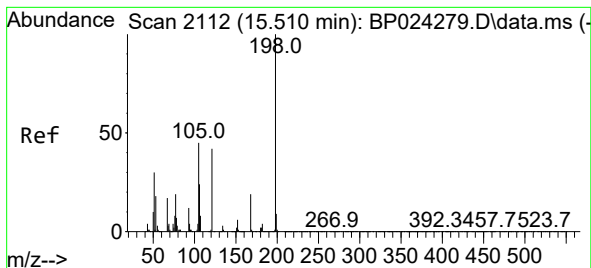


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2391
Delta R.T. 0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion: 188 Resp: 860341

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.6	13.0
80	9.9	9.8	14.6

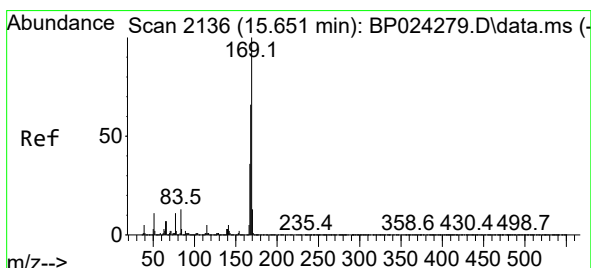
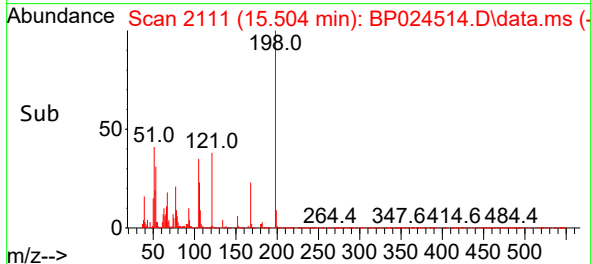
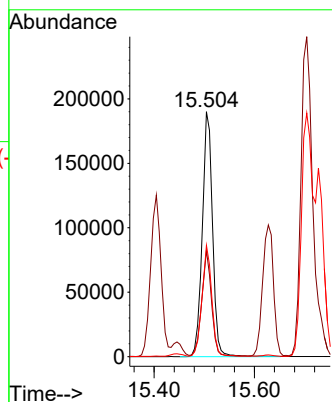
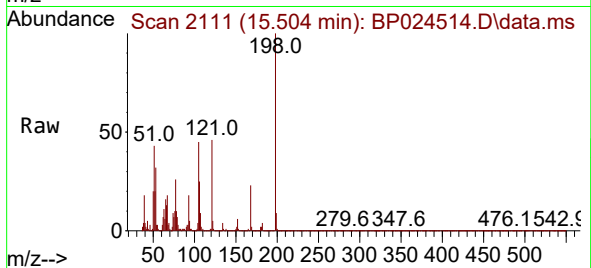




#65
4,6-Dinitro-2-methylphenol
Concen: 49.763 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

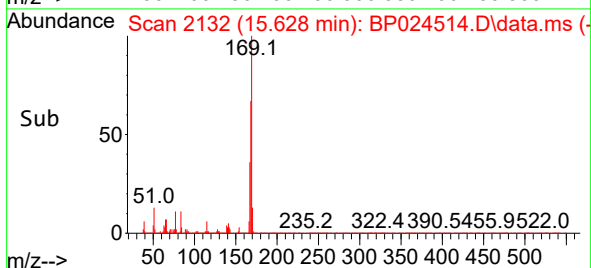
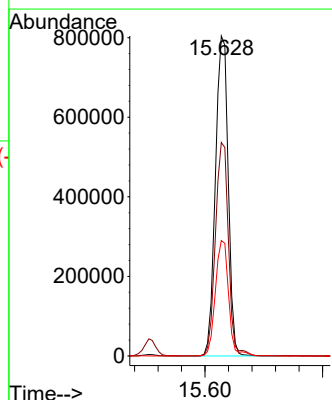
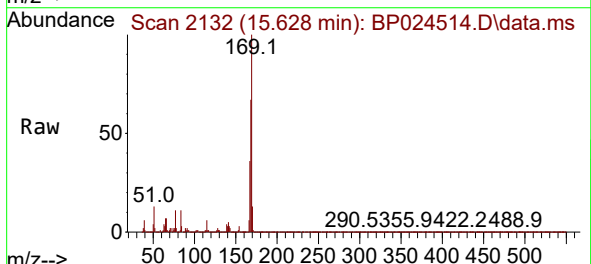
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

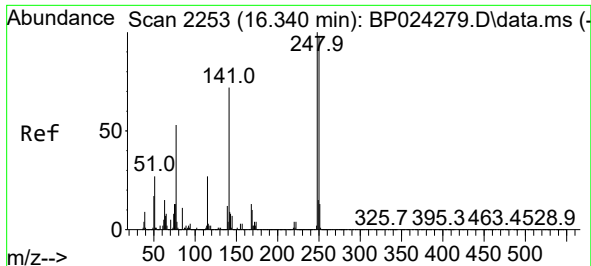
Tgt Ion:198 Resp: 269920
Ion Ratio Lower Upper
198 100
51 43.4 18.4 58.4
105 45.5 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 47.122 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:169 Resp: 1210049
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 36.0 28.9 43.3

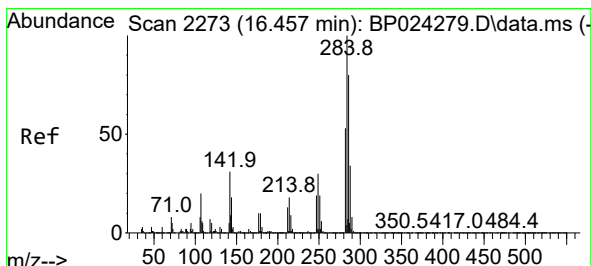
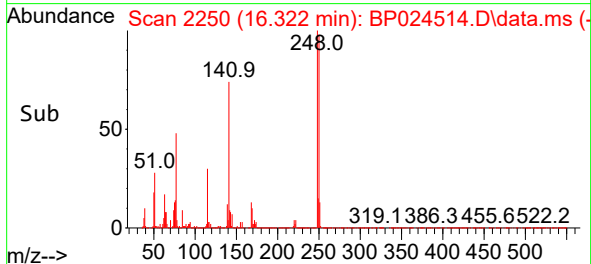
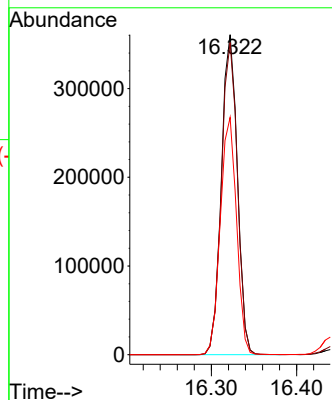
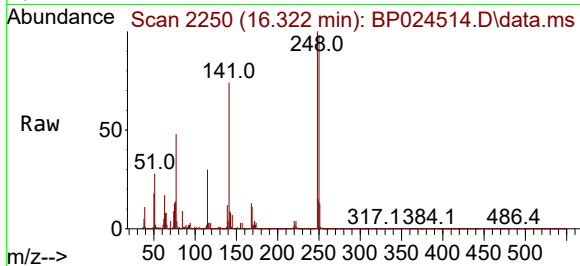




#67
4-Bromophenyl-phenylether
Concen: 49.976 ng
RT: 16.322 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

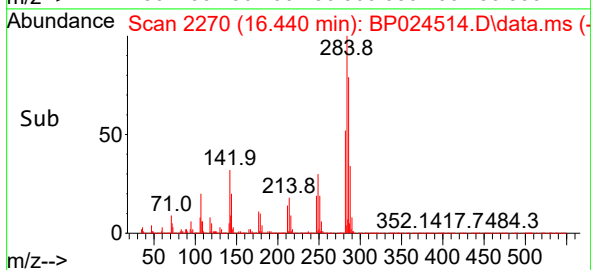
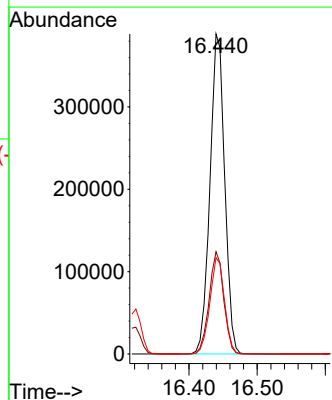
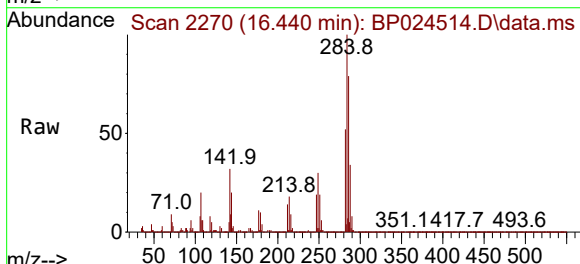
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

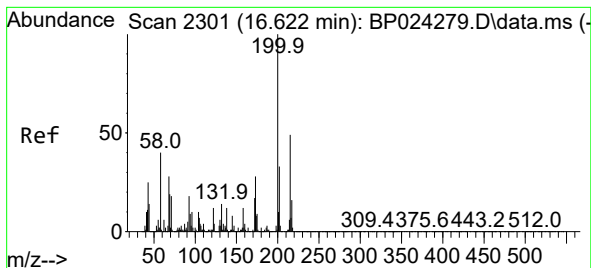
Tgt Ion:248 Resp: 470245
Ion Ratio Lower Upper
248 100
250 97.6 78.2 117.4
141 74.1 57.7 86.5



#68
Hexachlorobenzene
Concen: 52.257 ng
RT: 16.440 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:284 Resp: 584282
Ion Ratio Lower Upper
284 100
142 32.0 24.6 37.0
249 30.1 23.8 35.6





#69

Atrazine

Concen: 71.677 ng

RT: 16.616 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

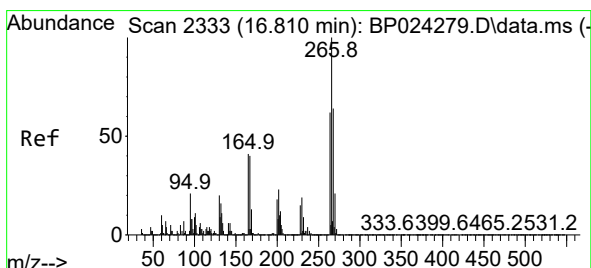
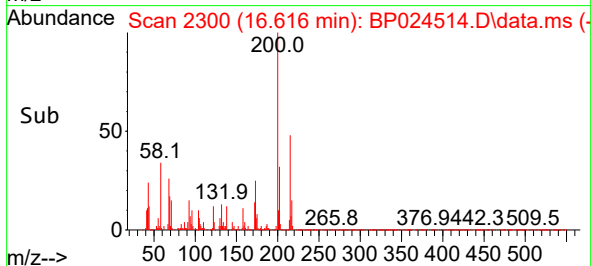
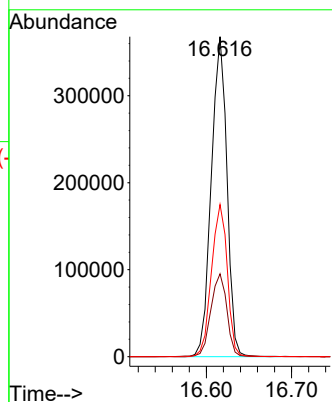
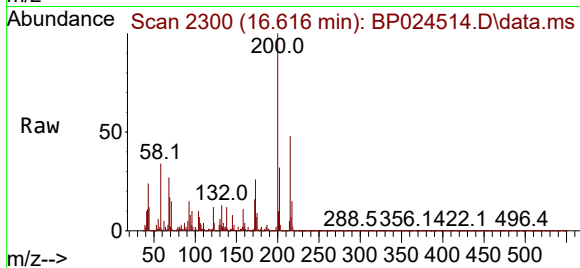
Tgt Ion:200 Resp: 468786

Ion Ratio Lower Upper

200 100

173 25.9 7.5 47.5

215 47.6 28.8 68.8



#70

Pentachlorophenol

Concen: 106.118 ng

RT: 16.798 min Scan# 2331

Delta R.T. 0.000 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

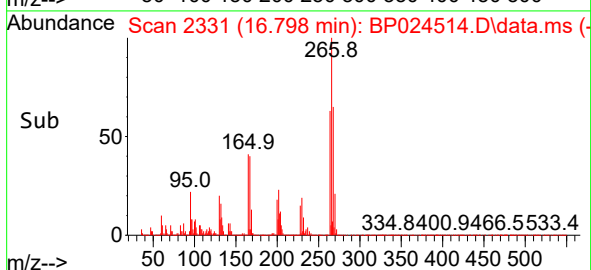
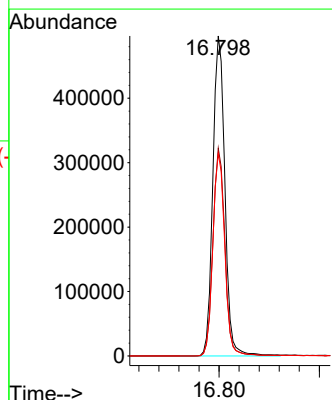
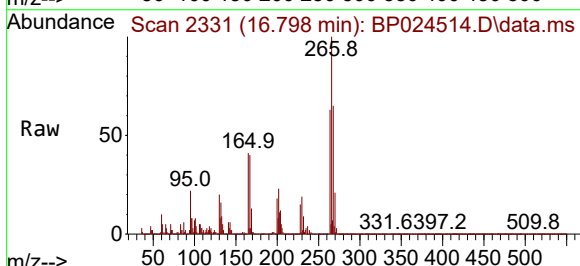
Tgt Ion:266 Resp: 827733

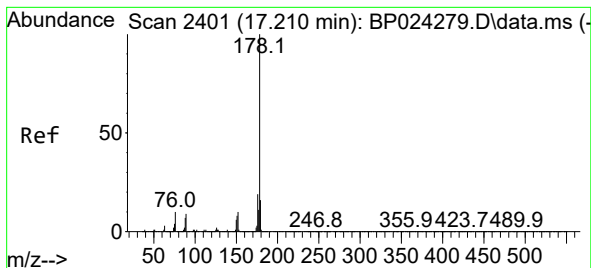
Ion Ratio Lower Upper

266 100

268 64.9 51.0 76.6

264 63.2 49.8 74.6





#71

Phenanthrene

Concen: 46.479 ng

RT: 17.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

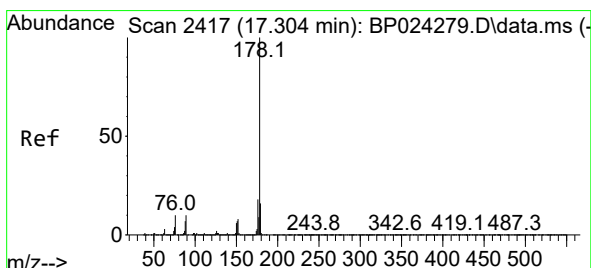
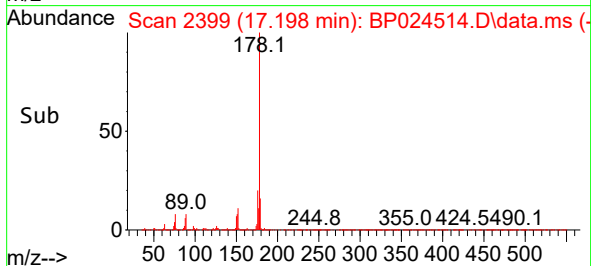
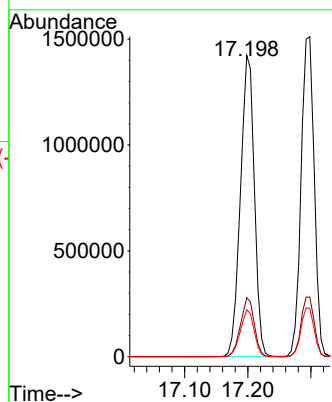
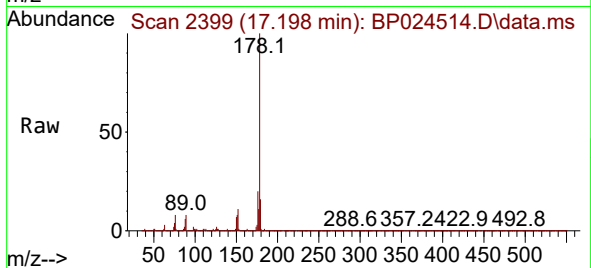
Tgt Ion:178 Resp: 2181455

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.5 12.5 18.7



#72

Anthracene

Concen: 48.434 ng

RT: 17.298 min Scan# 2416

Delta R.T. 0.012 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

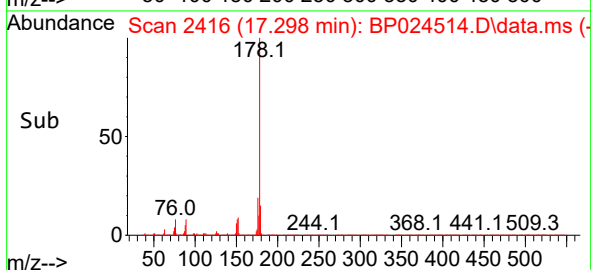
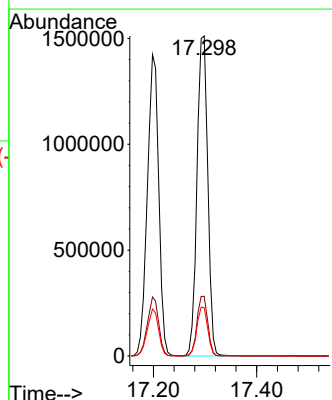
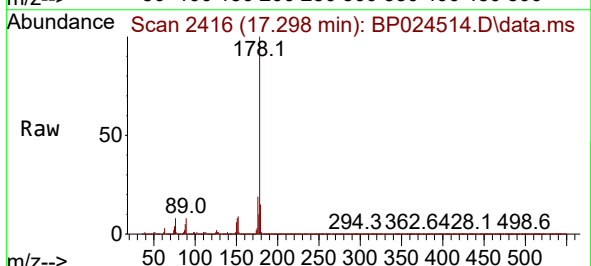
Tgt Ion:178 Resp: 2190907

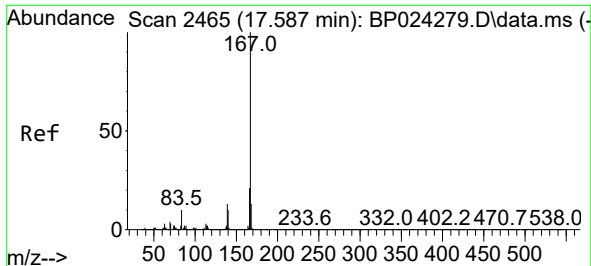
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.1 12.4 18.6

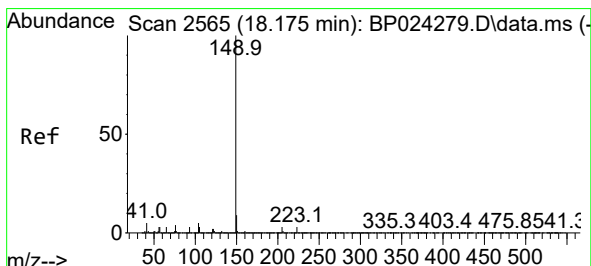
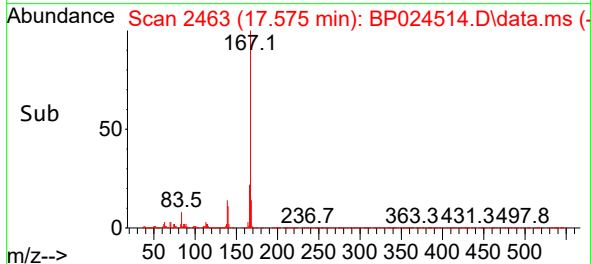
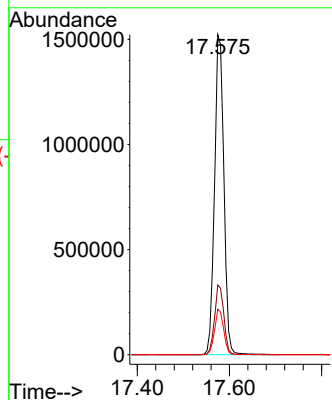
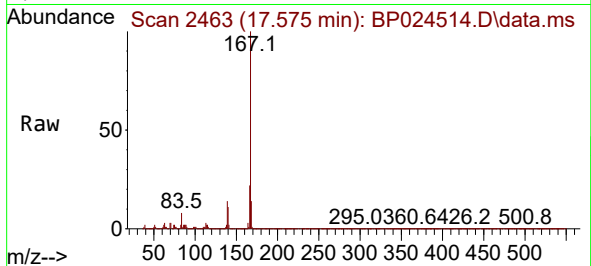




#73
 Carbazole
 Concen: 48.395 ng
 RT: 17.575 min Scan# 2463
 Delta R.T. 0.006 min
 Lab File: BP024514.D
 Acq: 02 May 2025 18:22

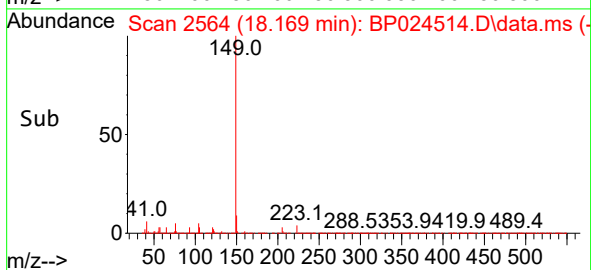
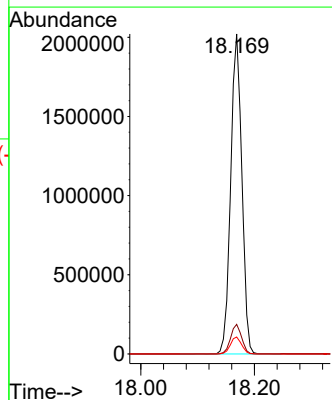
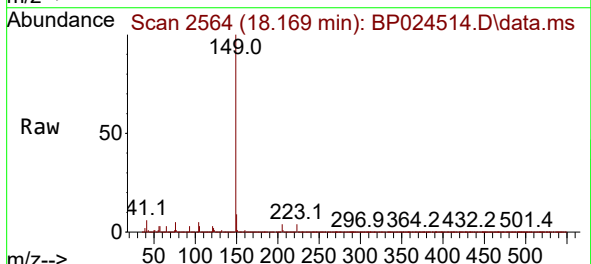
Instrument :
 BNA_P
 ClientSampleId :
 MH-QMSD

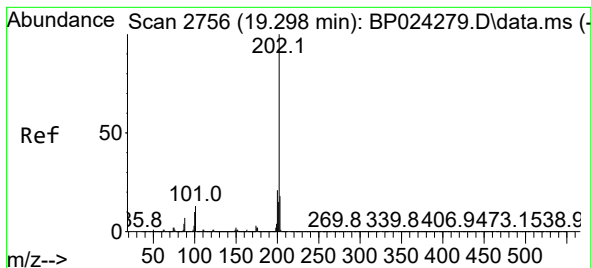
Tgt Ion:167 Resp: 2138978
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 14.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 50.061 ng
 RT: 18.169 min Scan# 2564
 Delta R.T. 0.012 min
 Lab File: BP024514.D
 Acq: 02 May 2025 18:22

Tgt Ion:149 Resp: 2756589
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.3 3.9 5.9





#75

Fluoranthene

Concen: 46.858 ng

RT: 19.292 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

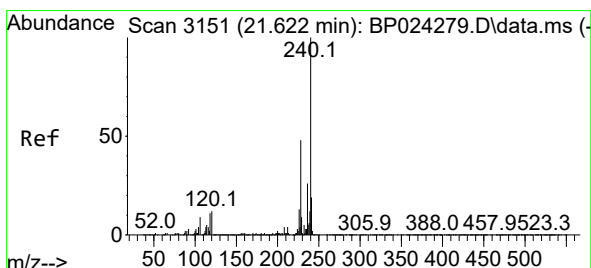
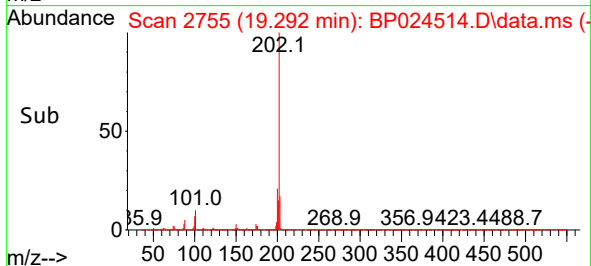
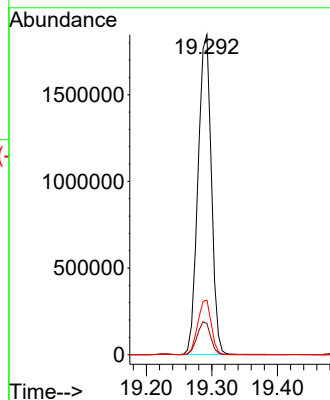
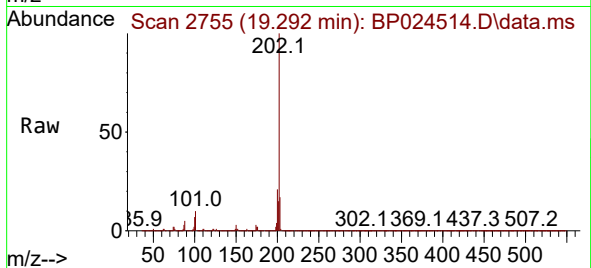
Tgt Ion:202 Resp: 2615619

Ion Ratio Lower Upper

202 100

101 9.8 0.0 33.2

203 17.1 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3149

Delta R.T. 0.018 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

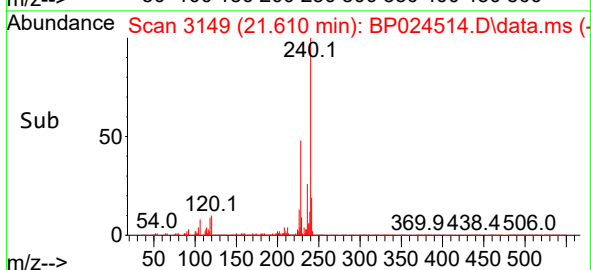
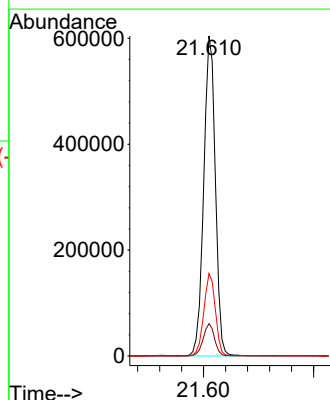
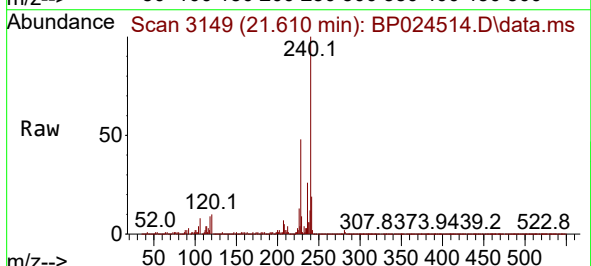
Tgt Ion:240 Resp: 887893

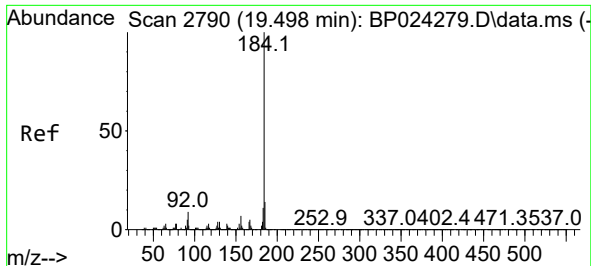
Ion Ratio Lower Upper

240 100

120 10.1 9.8 14.8

236 25.8 20.9 31.3

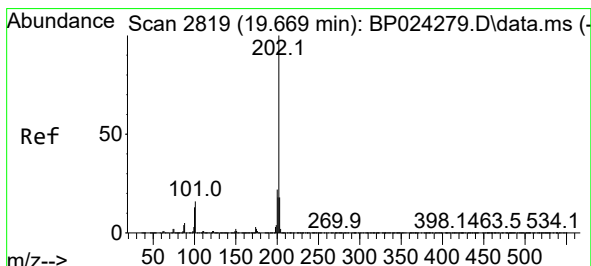
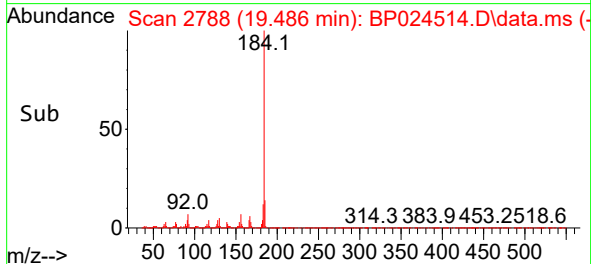
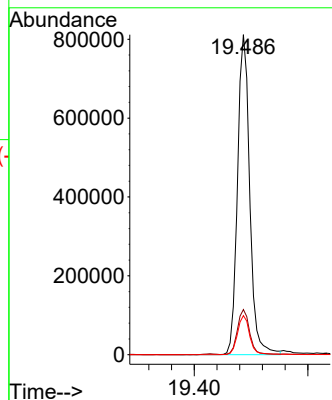
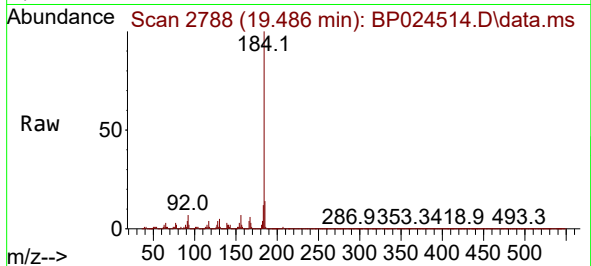




#77
Benzidine
Concen: 107.238 ng
RT: 19.486 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

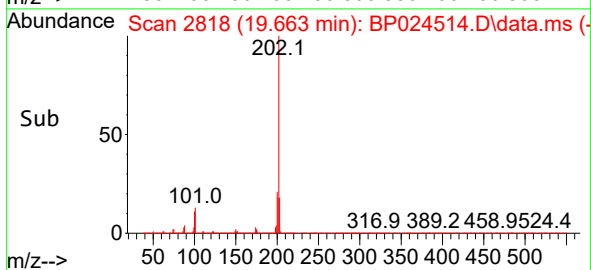
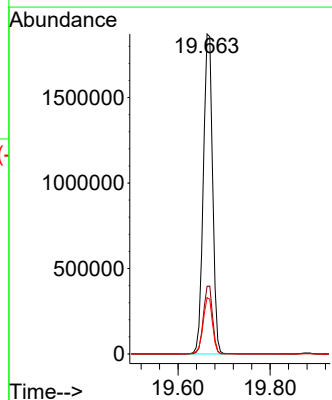
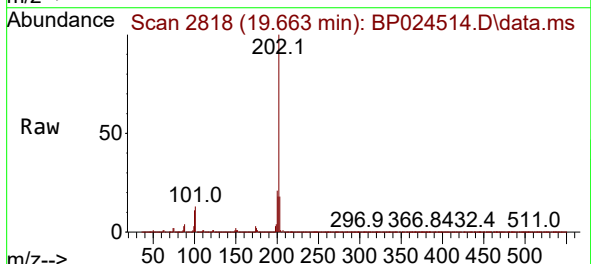
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

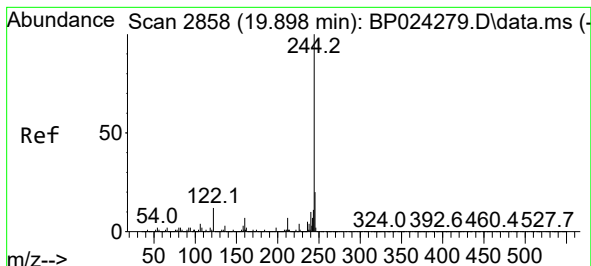
Tgt Ion:184 Resp: 1206943
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 12.2 9.2 13.8



#78
Pyrene
Concen: 46.630 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.012 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:202 Resp: 2631157
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 49.629 ng

RT: 19.881 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

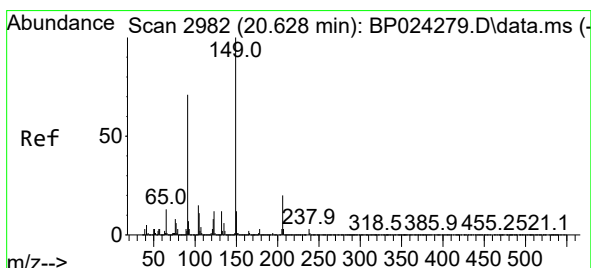
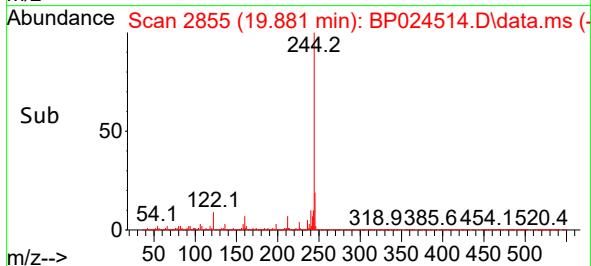
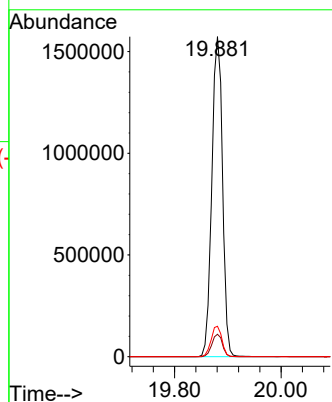
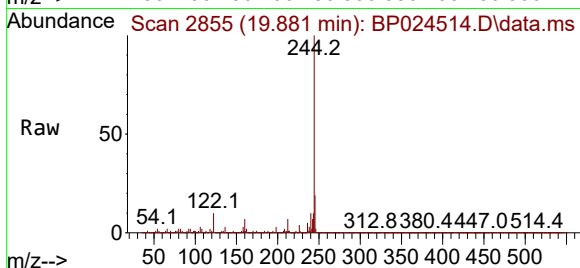
Tgt Ion:244 Resp: 2186171

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.5 9.4 14.0



#80

Butylbenzylphthalate

Concen: 53.126 ng

RT: 20.616 min Scan# 2980

Delta R.T. 0.012 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

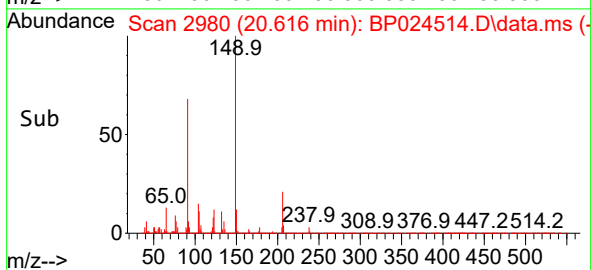
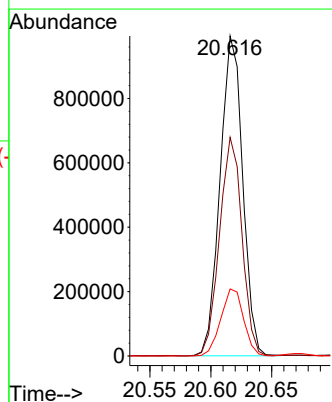
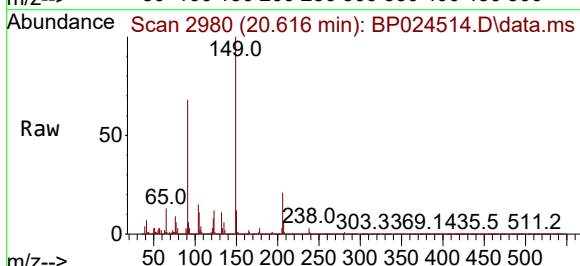
Tgt Ion:149 Resp: 1283998

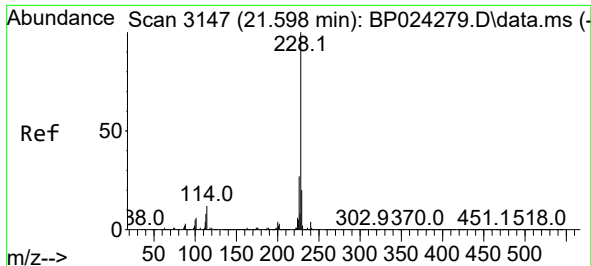
Ion Ratio Lower Upper

149 100

91 68.3 56.4 84.6

206 20.9 16.3 24.5

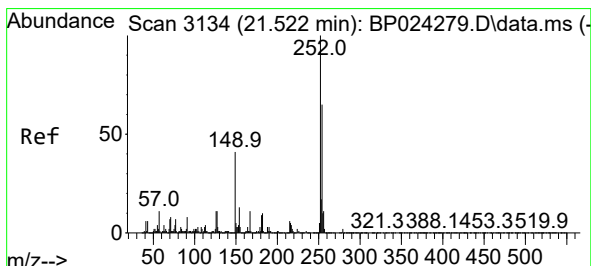
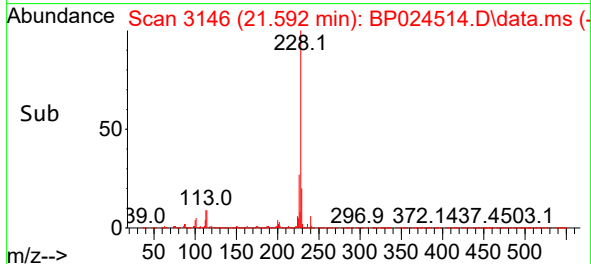
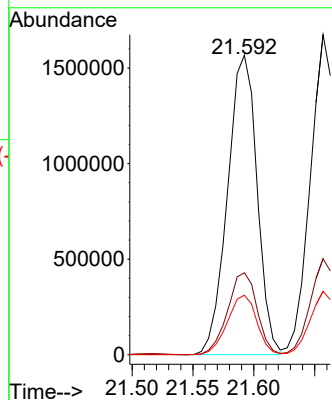
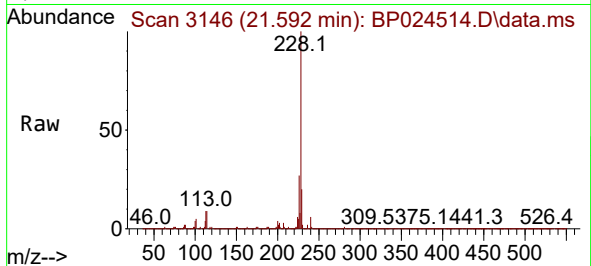




#81
Benzo(a)anthracene
Concen: 47.883 ng
RT: 21.592 min Scan# 3147
Delta R.T. 0.024 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

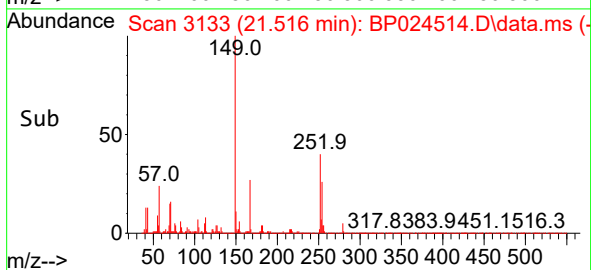
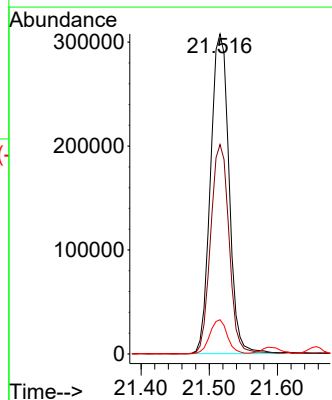
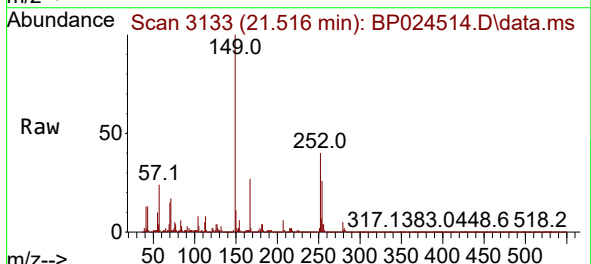
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

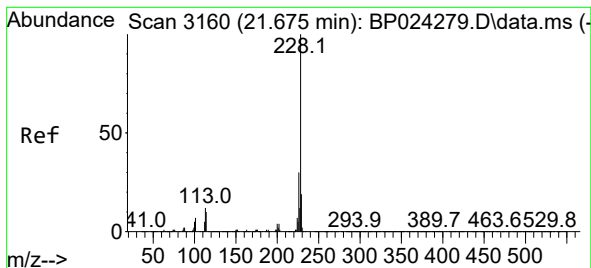
Tgt Ion:228 Resp: 2642545
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 30.037 ng
RT: 21.516 min Scan# 3133
Delta R.T. 0.024 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:252 Resp: 581832
Ion Ratio Lower Upper
252 100
254 65.5 51.7 77.5
126 10.7 8.8 13.2





#83

Chrysene

Concen: 46.284 ng

RT: 21.657 min Scan# 3115

Delta R.T. 0.018 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

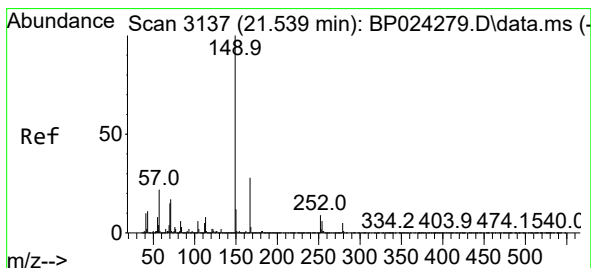
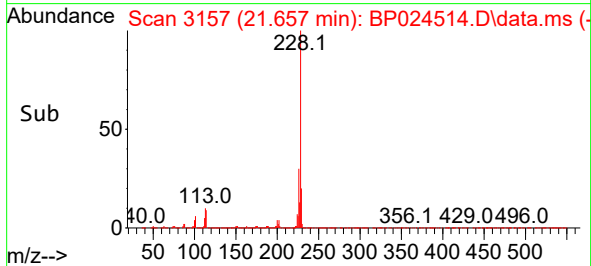
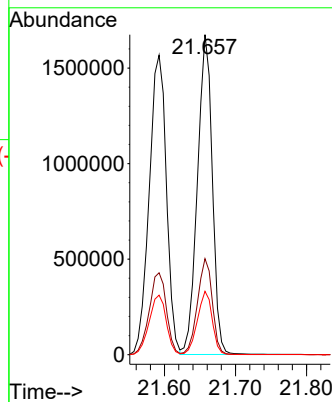
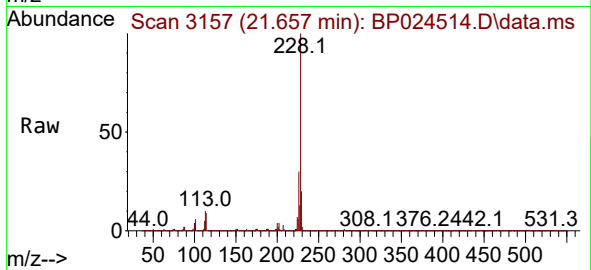
Tgt Ion:228 Resp: 2447158

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.600 ng

RT: 21.528 min Scan# 3135

Delta R.T. 0.018 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

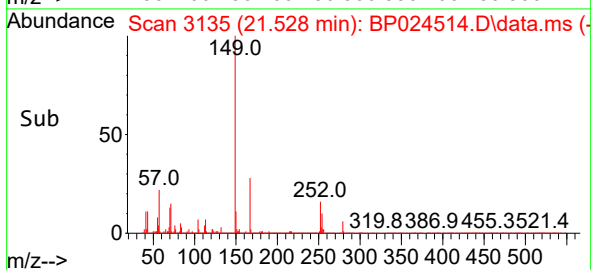
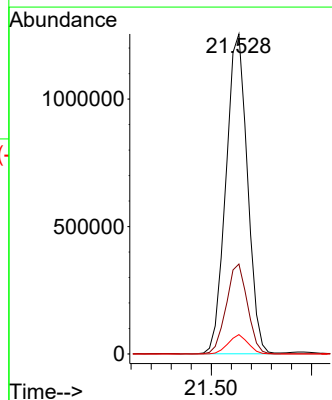
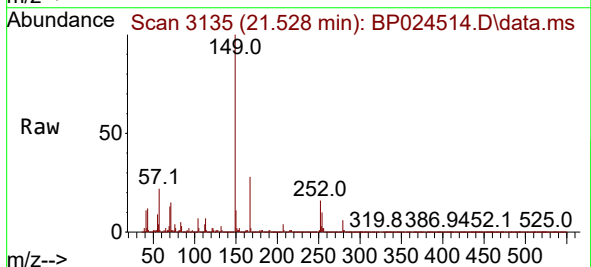
Tgt Ion:149 Resp: 1863639

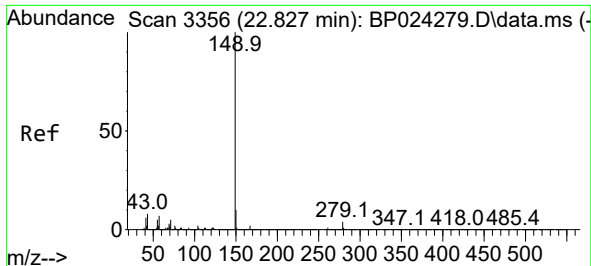
Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

279 6.1 4.0 6.0#

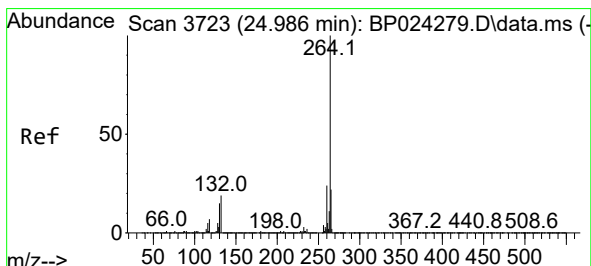
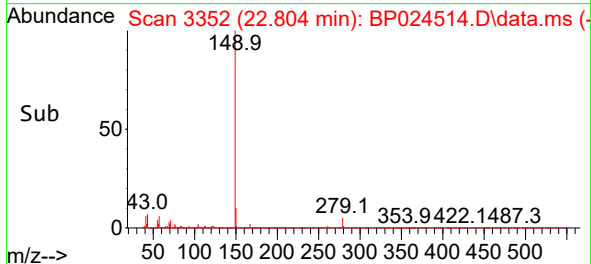
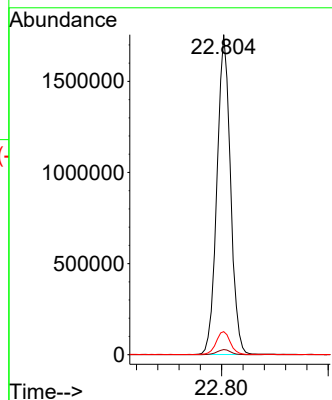
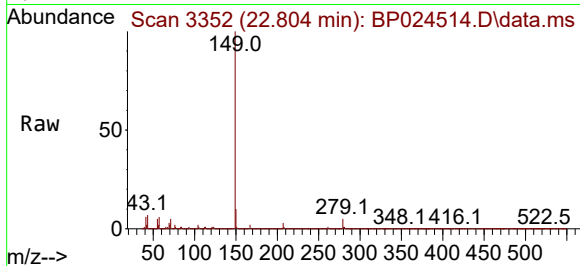




#85
Di-n-octyl phthalate
Concen: 53.694 ng
RT: 22.804 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

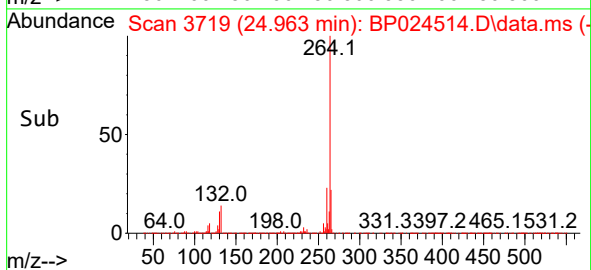
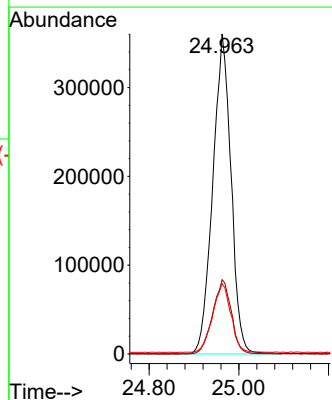
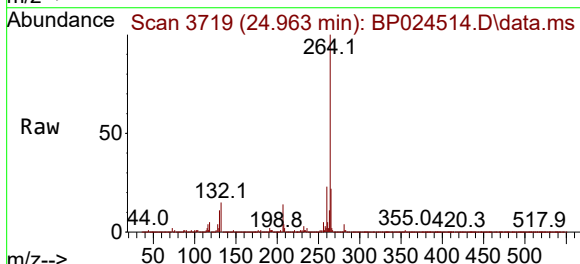
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

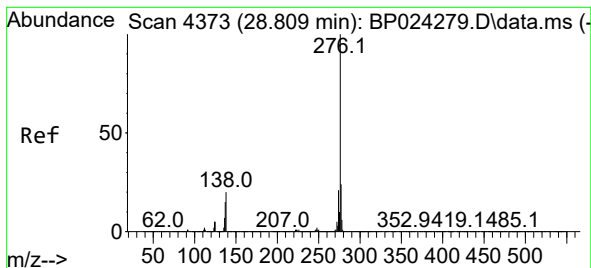
Tgt Ion:149 Resp: 3092794
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.5 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.963 min Scan# 3719
Delta R.T. 0.030 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:264 Resp: 1018252
Ion Ratio Lower Upper
264 100
260 23.2 18.9 28.3
265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.451 ng

RT: 28.780 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

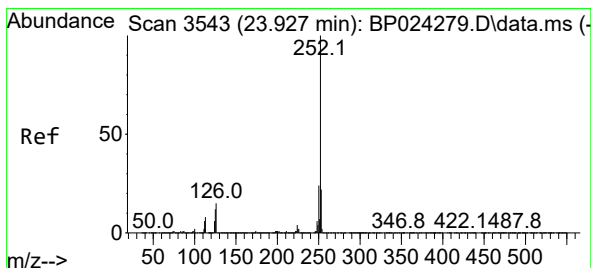
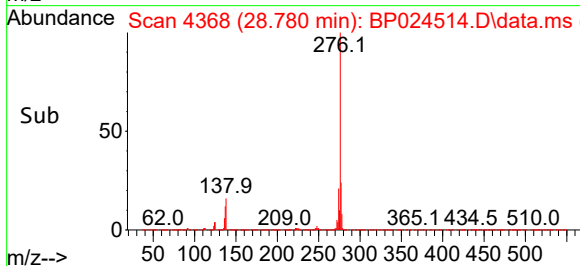
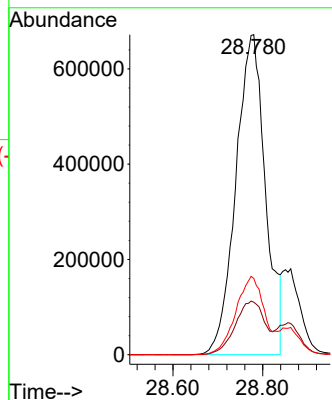
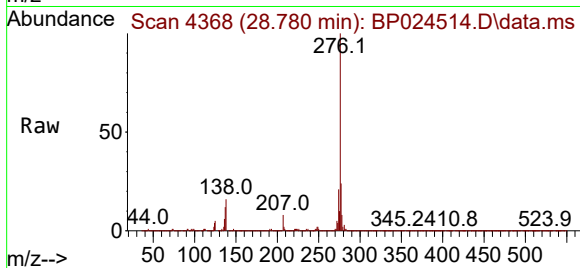
Tgt Ion:276 Resp: 3071613

Ion Ratio Lower Upper

276 100

138 16.9 14.5 21.7

277 24.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.251 ng

RT: 23.910 min Scan# 3540

Delta R.T. 0.024 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

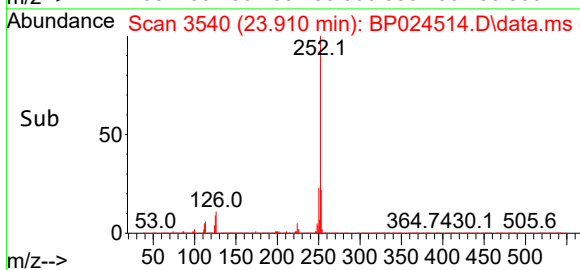
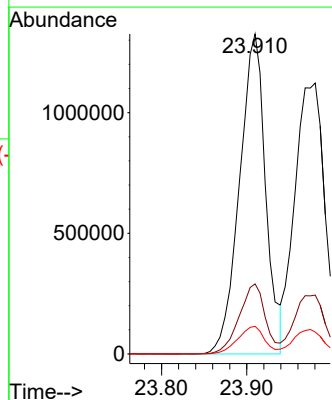
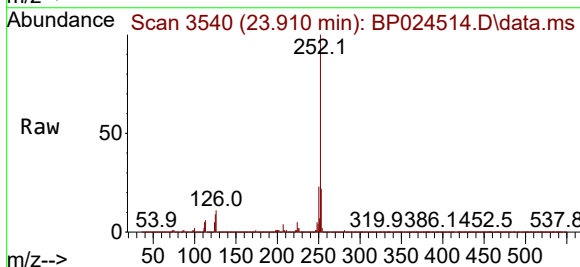
Tgt Ion:252 Resp: 2822909

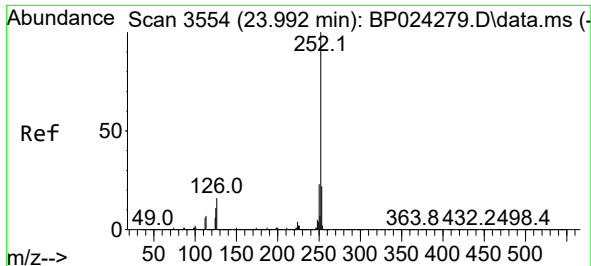
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.7 9.4 14.0#

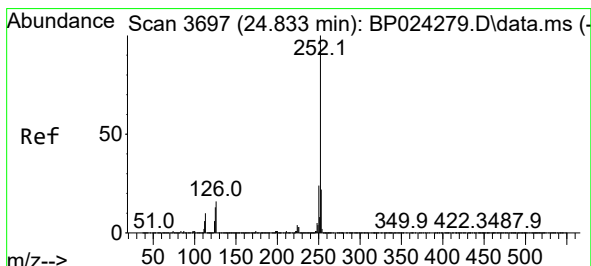
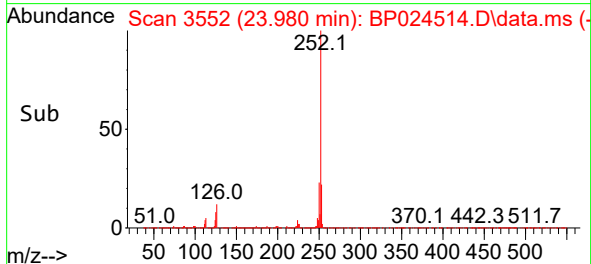
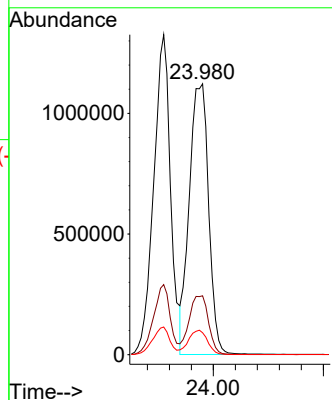
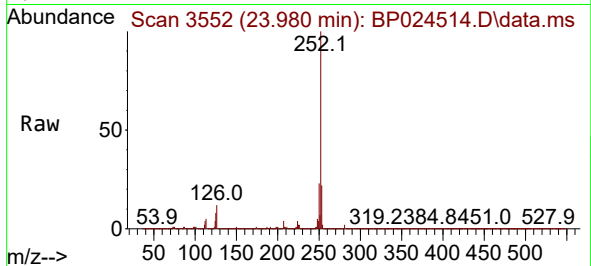




#89
Benzo(k)fluoranthene
Concen: 46.493 ng
RT: 23.980 min Scan# 31
Delta R.T. 0.024 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

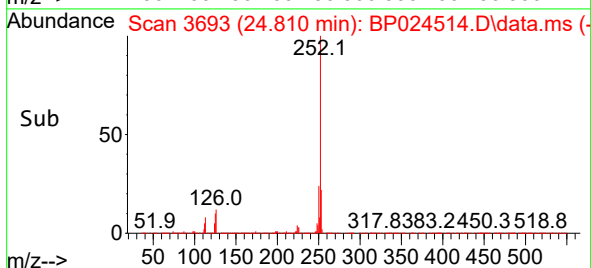
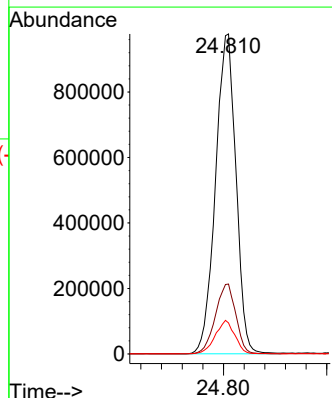
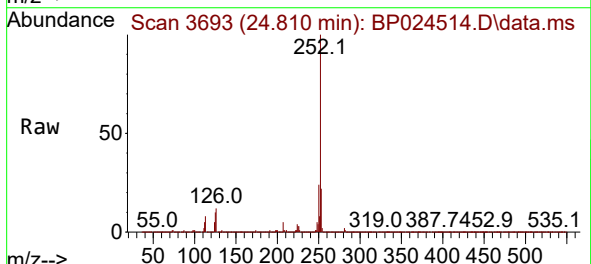
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

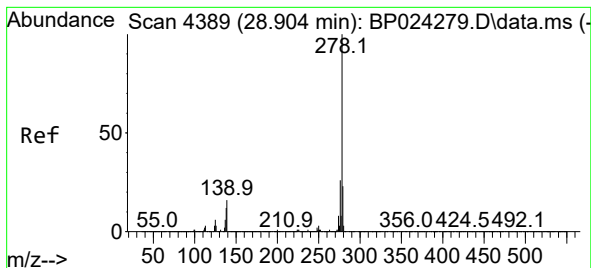
Tgt Ion:252 Resp: 2741083
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.1 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 50.862 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.030 min
Lab File: BP024514.D
Acq: 02 May 2025 18:22

Tgt Ion:252 Resp: 2677782
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.7 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 50.055 ng

RT: 28.862 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

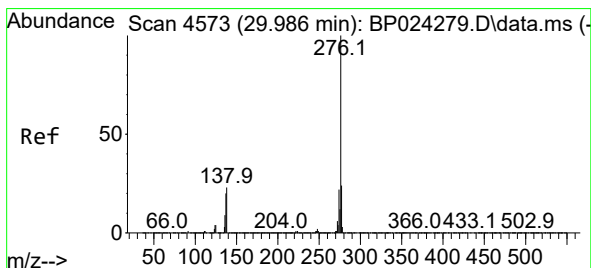
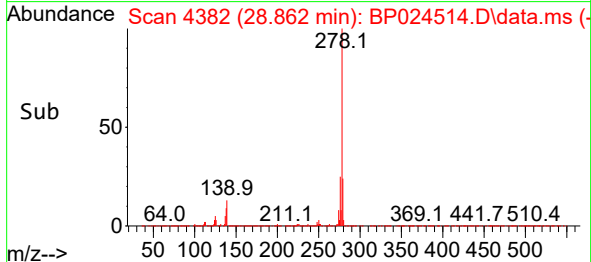
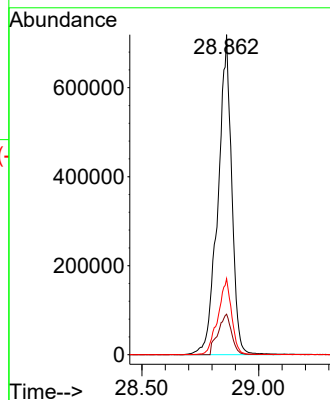
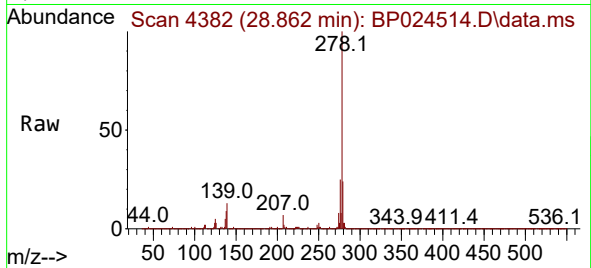
Tgt Ion:278 Resp: 2937027

Ion Ratio Lower Upper

278 100

139 12.7 12.6 19.0

279 23.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 47.286 ng

RT: 29.956 min Scan# 4568

Delta R.T. 0.059 min

Lab File: BP024514.D

Acq: 02 May 2025 18:22

Tgt Ion:276 Resp: 2824116

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 18.8 18.7 28.1

