

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024236.D
 Acq On : 09 Apr 2025 15:39
 Operator : RC/JU
 Sample : Q1712-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 Z-05AMSD

Quant Time: Apr 10 02:07:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	293963	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1159024	20.000	ng	-0.04
39) Acenaphthene-d10	14.375	164	692350	20.000	ng	-0.03
64) Phenanthrene-d10	17.181	188	1331246	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1362100	20.000	ng	-0.02
86) Perylene-d12	25.004	264	1480737	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2573989	139.773	ng	-0.02
7) Phenol-d6	6.928	99	3091811	125.549	ng	-0.02
23) Nitrobenzene-d5	8.887	82	2042009	99.405	ng	-0.04
42) 2,4,6-Tribromophenol	15.893	330	1393735	159.813	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	4329349	92.204	ng	-0.03
79) Terphenyl-d14	19.904	244	6668256	101.056	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	299751	41.063	ng	# 75
3) Pyridine	3.705	79	727927	36.477	ng	99
4) n-Nitrosodimethylamine	3.605	42	297354	44.607	ng	99
6) Aniline	7.075	93	647424	28.855	ng	98
8) 2-Chlorophenol	7.316	128	977180	49.125	ng	99
9) Benzaldehyde	6.893	77	441868	37.181	ng	98
10) Phenol	6.952	94	1111688	44.717	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	909262	46.379	ng	98
12) 1,3-Dichlorobenzene	7.634	146	962915	44.890	ng	99
13) 1,4-Dichlorobenzene	7.775	146	982397	44.855	ng	98
14) 1,2-Dichlorobenzene	8.093	146	951298	45.263	ng	99
15) Benzyl Alcohol	7.981	79	823487	52.819	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.264	45	976470	48.801	ng	96
17) 2-Methylphenol	8.187	107	798158	51.199	ng	100
18) Hexachloroethane	8.811	117	350878	45.156	ng	99
19) n-Nitroso-di-n-propyla...	8.540	70	679320	47.549	ng	99
20) 3+4-Methylphenols	8.511	107	1078168	50.340	ng	100
22) Acetophenone	8.558	105	1390606	47.457	ng	# 100
24) Nitrobenzene	8.928	77	1002835	49.486	ng	99
25) Isophorone	9.452	82	1913326	54.335	ng	100
26) 2-Nitrophenol	9.634	139	503733	52.039	ng	100
27) 2,4-Dimethylphenol	9.699	122	876284	70.401	ng	98
28) bis(2-Chloroethoxy)met...	9.934	93	1216909	49.123	ng	100
29) 2,4-Dichlorophenol	10.169	162	863813	51.301	ng	98
30) 1,2,4-Trichlorobenzene	10.381	180	866083	46.555	ng	99
31) Naphthalene	10.569	128	2826378	46.003	ng	100
32) Benzoic acid	9.840	122	575539	47.411	ng	100
33) 4-Chloroaniline	10.675	127	300692	13.676	ng	98
34) Hexachlorobutadiene	10.857	225	485212	45.319	ng	99
35) Caprolactam	11.469	113	260114	47.135	ng	100
36) 4-Chloro-3-methylphenol	11.810	107	976162	53.740	ng	99
37) 2-Methylnaphthalene	12.181	142	1787474	43.065	ng	100
38) 1-Methylnaphthalene	12.399	142	1873554	46.409	ng	100
40) 1,2,4,5-Tetrachloroben...	12.552	216	939428	46.939	ng	99
41) Hexachlorocyclopentadiene	12.534	237	1132561	156.989	ng	98
43) 2,4,6-Trichlorophenol	12.793	196	687129	54.023	ng	98

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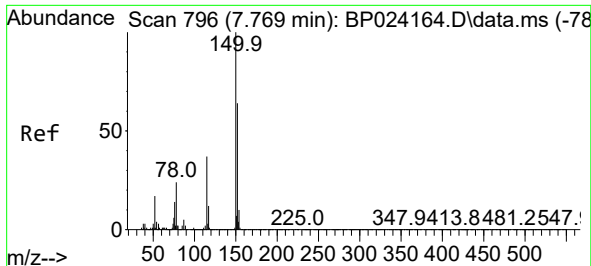
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 QLast Update : Thu Mar 13 05:55:58 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	762883	54.692	ng	99
46) 1,1'-Biphenyl	13.199	154	2539052	48.803	ng	99
47) 2-Chloronaphthalene	13.240	162	1903244	48.635	ng	100
48) 2-Nitroaniline	13.446	65	585973	58.544	ng	99
49) Acenaphthylene	14.093	152	3210884	54.226	ng	100
50) Dimethylphthalate	13.834	163	2474892	51.087	ng	100
51) 2,6-Dinitrotoluene	13.946	165	550356	53.993	ng	99
52) Acenaphthene	14.446	154	1862762	49.237	ng	99
53) 3-Nitroaniline	14.281	138	247010	22.437	ng	97
54) 2,4-Dinitrophenol	14.493	184	526614	97.639	ng	94
55) Dibenzofuran	14.781	168	2935792	47.906	ng	99
56) 4-Nitrophenol	14.610	139	1022863	111.193	ng	99
57) 2,4-Dinitrotoluene	14.746	165	794086	58.978	ng	99
58) Fluorene	15.445	166	2387738	50.008	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	649836	52.730	ng	98
60) Diethylphthalate	15.216	149	2461820	51.030	ng	100
61) 4-Chlorophenyl-phenyle...	15.434	204	1146055	48.938	ng	98
62) 4-Nitroaniline	15.469	138	576450	49.924	ng	99
63) Azobenzene	15.740	77	2318516	50.990	ng	99
65) 4,6-Dinitro-2-methylph...	15.522	198	389853	49.329	ng	98
66) n-Nitrosodiphenylamine	15.657	169	2114246	52.300	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	738122	50.501	ng	98
68) Hexachlorobenzene	16.469	284	888185	51.342	ng	99
69) Atrazine	16.640	200	725036	74.306	ng	99
70) Pentachlorophenol	16.822	266	1241155	110.944	ng	100
71) Phenanthrene	17.222	178	3697430	50.841	ng	100
72) Anthracene	17.316	178	3755803	53.024	ng	99
73) Carbazole	17.592	167	3628458	53.119	ng	100
74) Di-n-butylphthalate	18.181	149	4264277	52.587	ng	100
75) Fluoranthene	19.304	202	4311157	51.184	ng	99
77) Benzidine	19.504	184	541027	36.329	ng	99
78) Pyrene	19.681	202	4433975	52.361	ng	100
80) Butylbenzylphthalate	20.633	149	1949408	55.824	ng	98
81) Benzo(a)anthracene	21.616	228	4407048	52.040	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	866402	30.526	ng	99
83) Chrysene	21.680	228	4154155	51.028	ng	99
84) Bis(2-ethylhexyl)phtha...	21.551	149	2761242	52.403	ng	99
85) Di-n-octyl phthalate	22.845	149	4579940	54.249	ng	100
87) Indeno(1,2,3-cd)pyrene	28.839	276	5654627	54.717	ng	# 93
88) Benzo(b)fluoranthene	23.945	252	4597713	51.498	ng	99
89) Benzo(k)fluoranthene	24.022	252	4538279	51.966	ng	99
90) Benzo(a)pyrene	24.851	252	4299996	55.388	ng	99
91) Dibenzo(a,h)anthracene	28.927	278	4670019	54.317	ng	98
92) Benzo(g,h,i)perylene	30.039	276	4570807	52.298	ng	98

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

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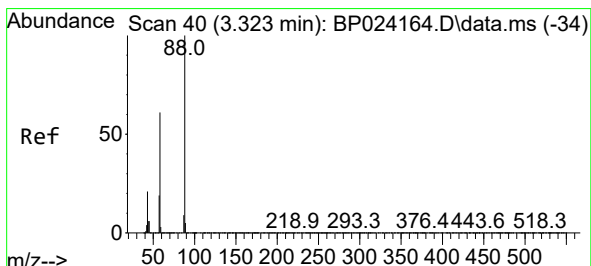
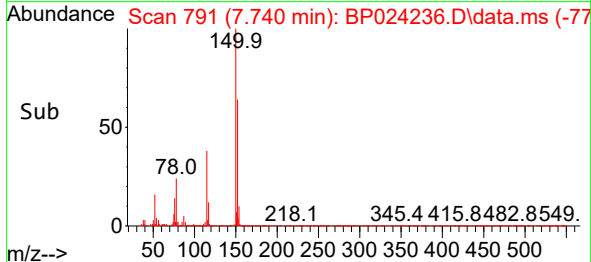
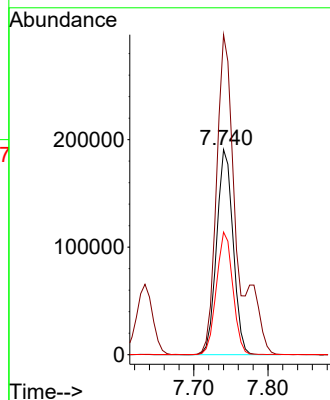
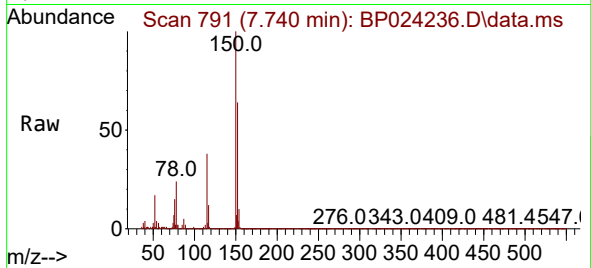




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 79
 Delta R.T. -0.029 min
 Lab File: BP024236.D
 Acq: 09 Apr 2025 15:39

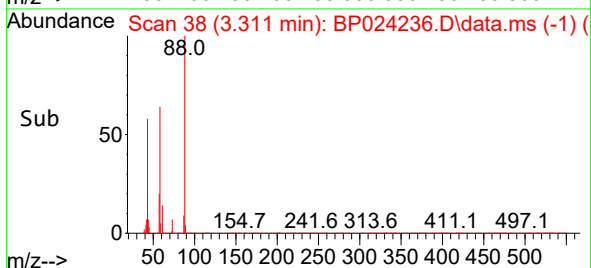
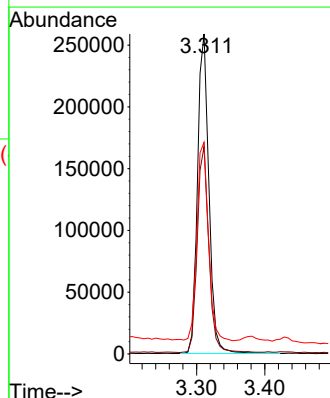
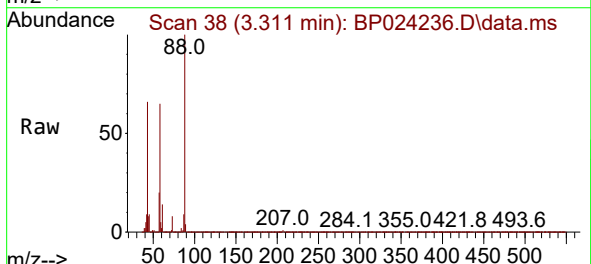
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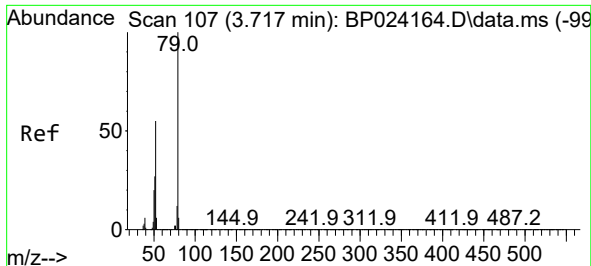
Tgt Ion:152 Resp: 293963
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.5 188.3
 115 59.8 46.3 69.5



#2
 1,4-Dioxane
 Concen: 41.063 ng
 RT: 3.311 min Scan# 38
 Delta R.T. -0.012 min
 Lab File: BP024236.D
 Acq: 09 Apr 2025 15:39

Tgt Ion: 88 Resp: 299751
 Ion Ratio Lower Upper
 88 100
 58 65.0 49.8 74.6
 43 62.6 17.3 25.9

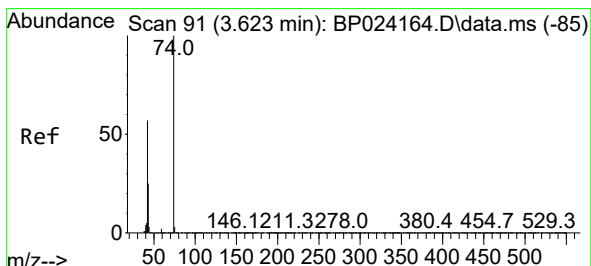
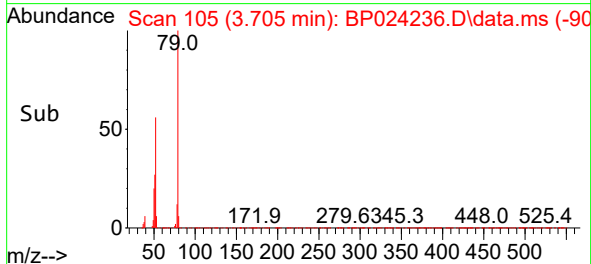
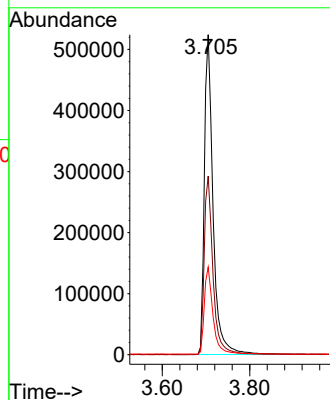
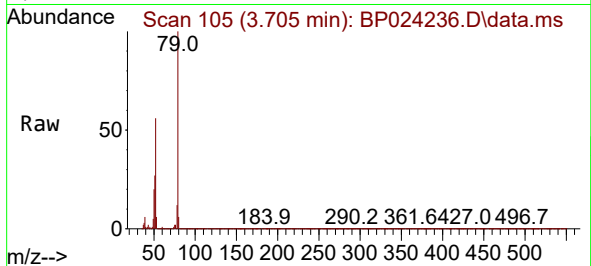




#3
Pyridine
Concen: 36.477 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.012 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

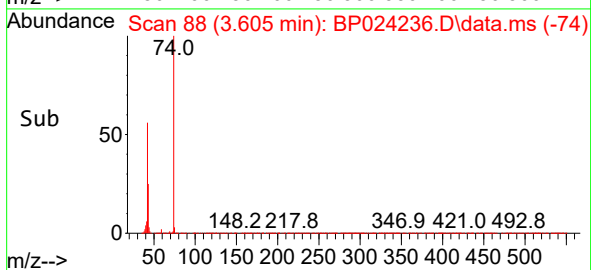
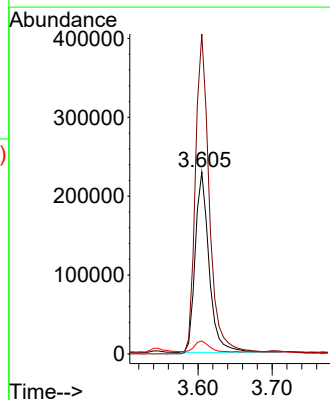
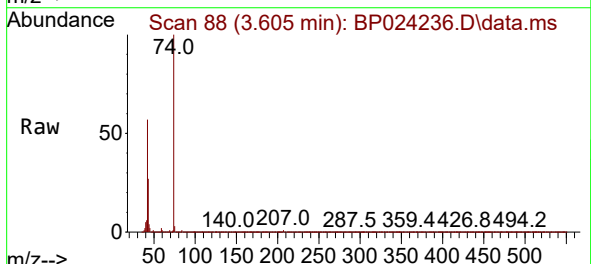
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BNA_P
ClientSampleId :
Z-05AMSD

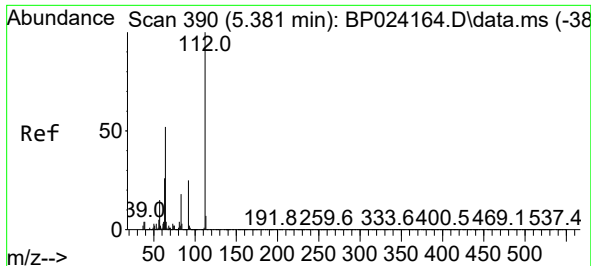
Tgt Ion: 79 Resp: 727927
Ion Ratio Lower Upper
79 100
52 55.8 43.8 65.8
51 27.3 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 44.607 ng
RT: 3.605 min Scan# 88
Delta R.T. -0.018 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion: 42 Resp: 297354
Ion Ratio Lower Upper
42 100
74 176.0 139.8 209.6
44 7.1 5.3 7.9

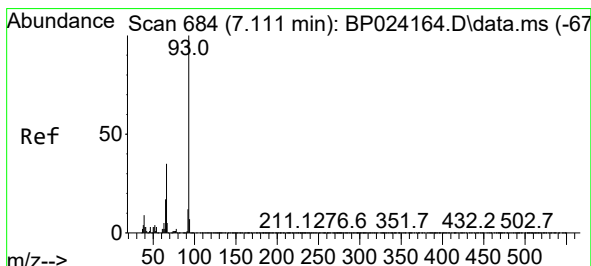
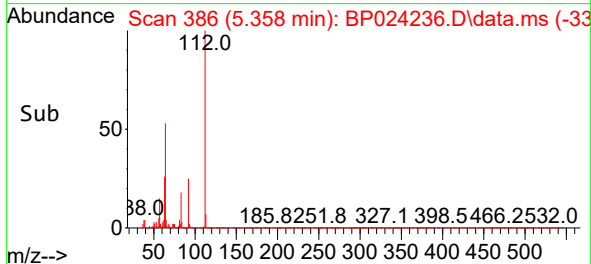
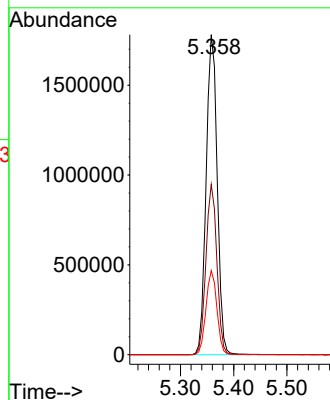
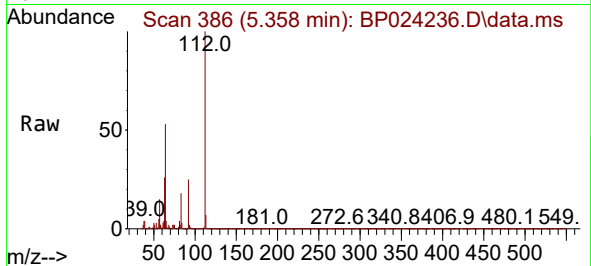




#5
2-Fluorophenol
Concen: 139.773 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

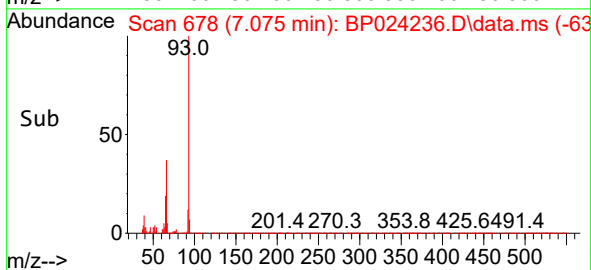
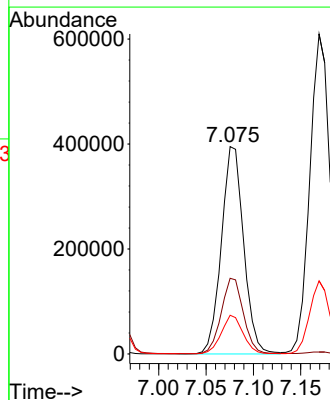
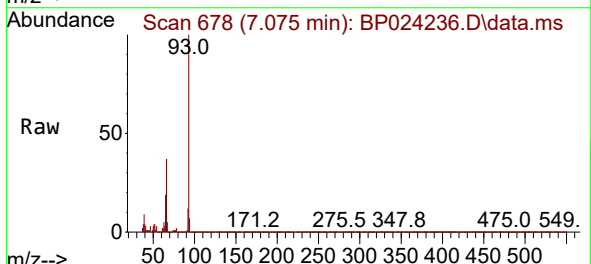
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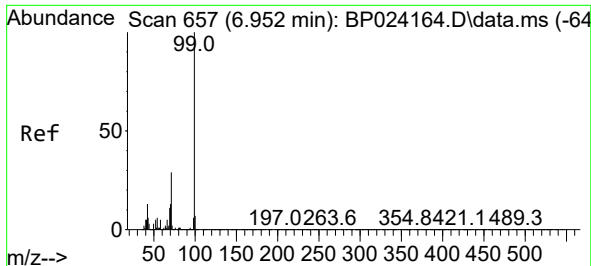
Tgt Ion:112 Resp: 2573989
Ion Ratio Lower Upper
112 100
64 53.2 41.3 61.9
63 26.2 20.6 31.0



#6
Aniline
Concen: 28.855 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion: 93 Resp: 647424
Ion Ratio Lower Upper
93 100
66 36.5 28.2 42.2
65 18.7 14.0 21.0

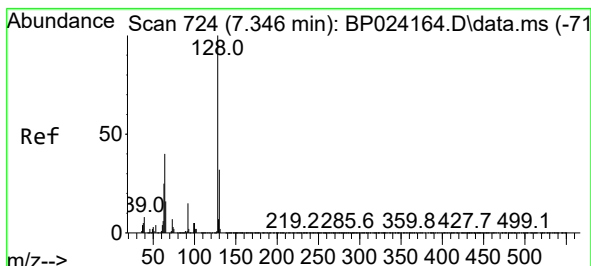
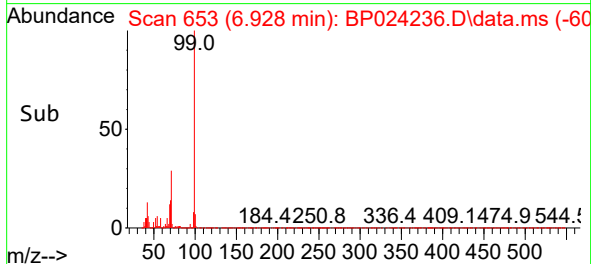
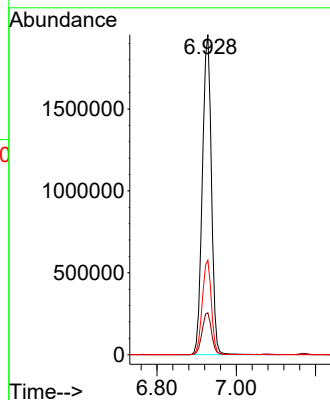
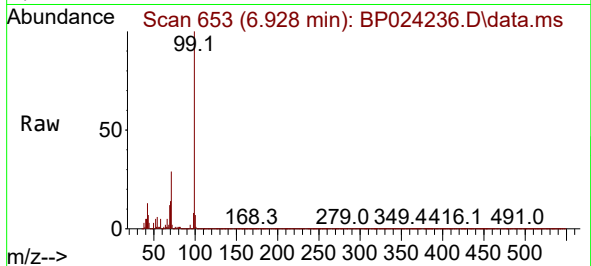




#7
Phenol-d6
Concen: 125.549 ng
RT: 6.928 min Scan# 611
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

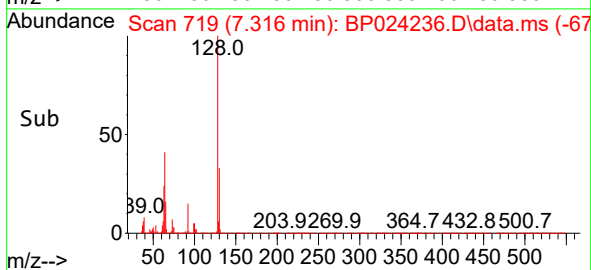
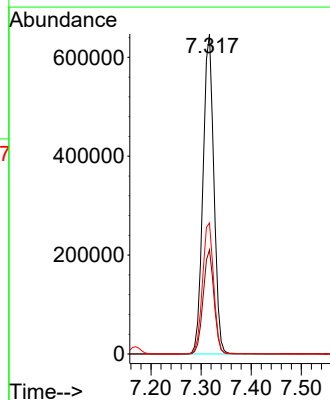
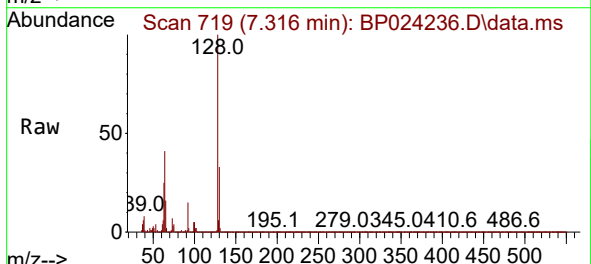
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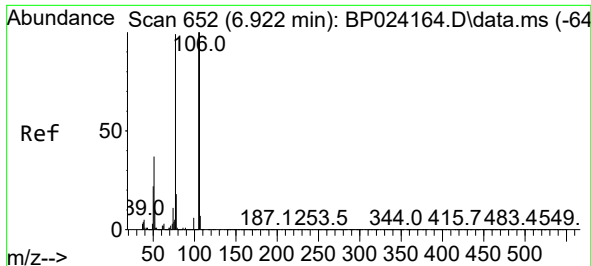
Tgt Ion: 99 Resp: 3091811
Ion Ratio Lower Upper
99 100
42 13.1 10.6 16.0
71 29.5 23.3 34.9



#8
2-Chlorophenol
Concen: 49.125 ng
RT: 7.316 min Scan# 719
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:128 Resp: 977180
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 40.9 21.6 61.6

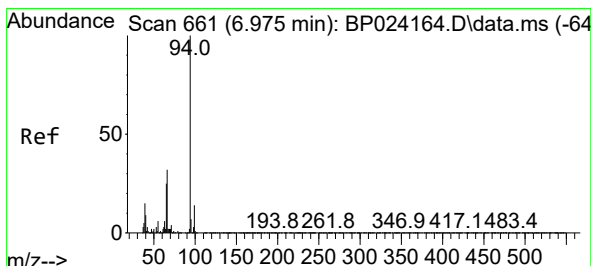
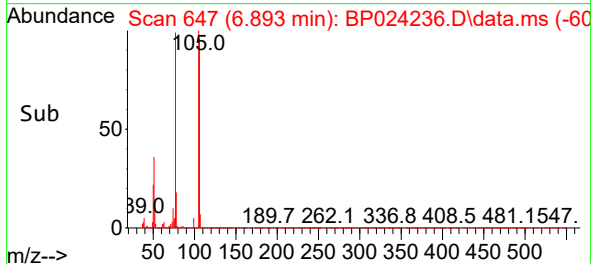
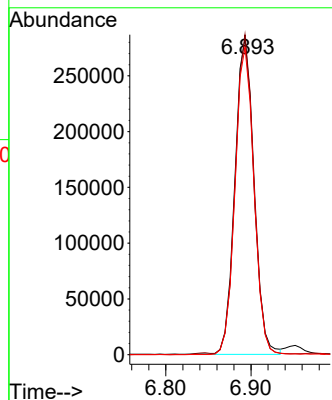
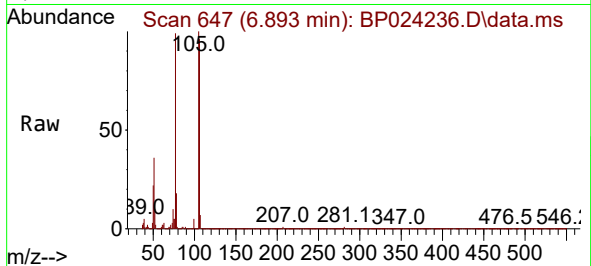




#9
Benzaldehyde
Concen: 37.181 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

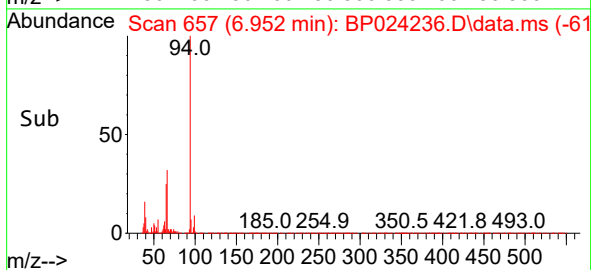
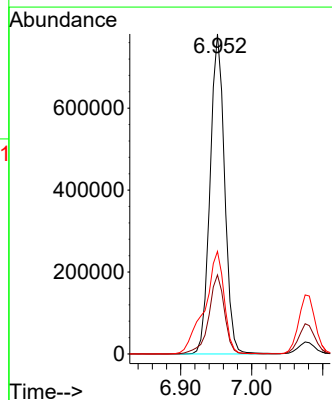
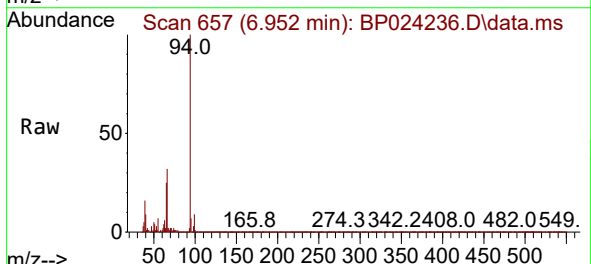
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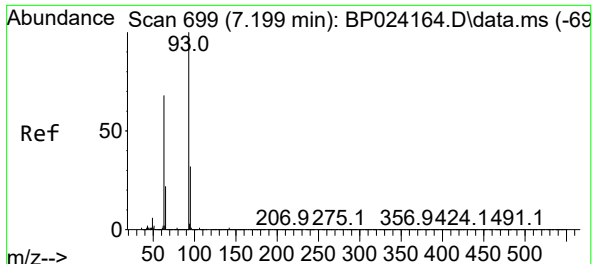
Tgt Ion: 77 Resp: 441868
Ion Ratio Lower Upper
77 100
105 101.2 81.4 121.4
106 97.3 81.1 121.1



#10
Phenol
Concen: 44.717 ng
RT: 6.952 min Scan# 657
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion: 94 Resp: 1111688
Ion Ratio Lower Upper
94 100
65 24.7 4.9 44.9
66 32.0 11.9 51.9

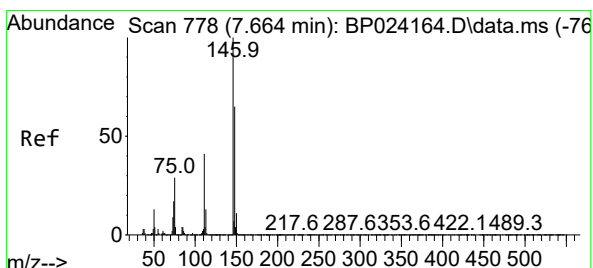
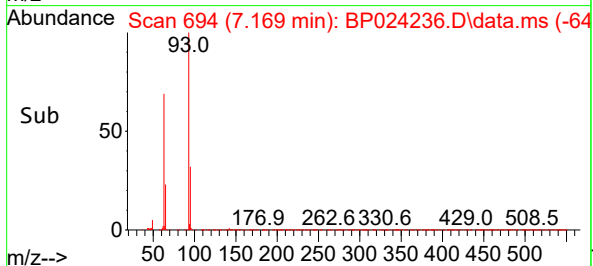
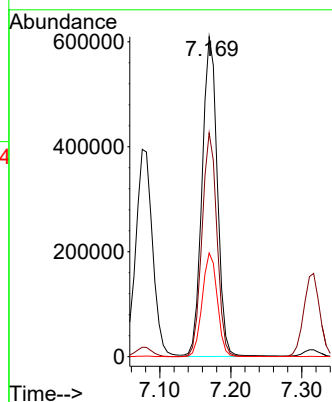
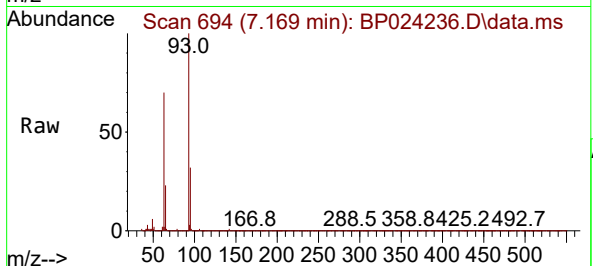




#11
bis(2-Chloroethyl)ether
Concen: 46.379 ng
RT: 7.169 min Scan# 699
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

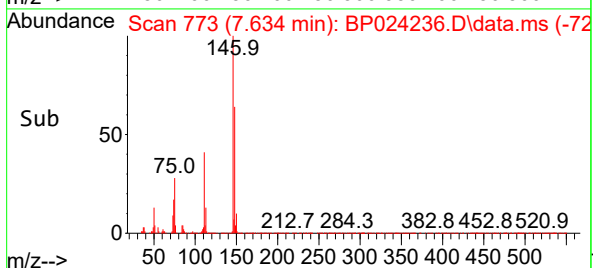
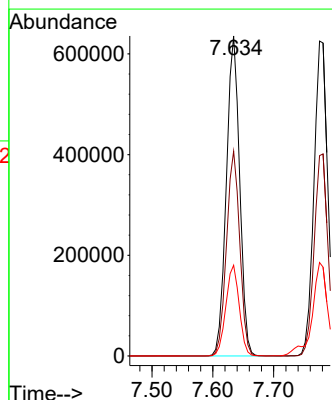
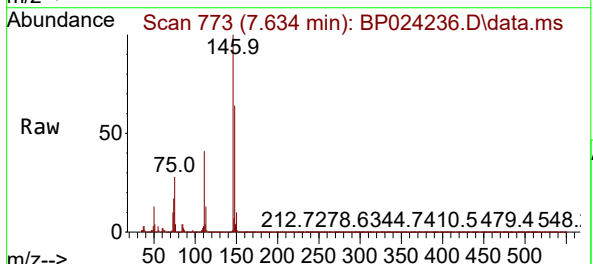
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

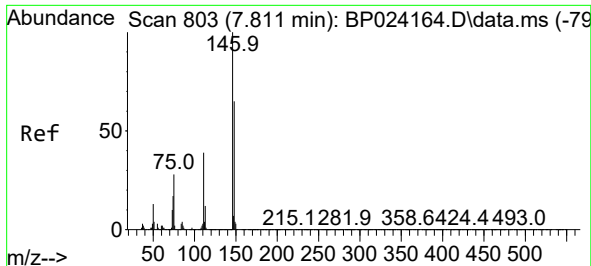
Tgt Ion: 93 Resp: 909262
Ion Ratio Lower Upper
93 100
63 69.9 47.4 87.4
95 32.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 44.890 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion: 146 Resp: 962915
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
75 28.4 22.8 34.2

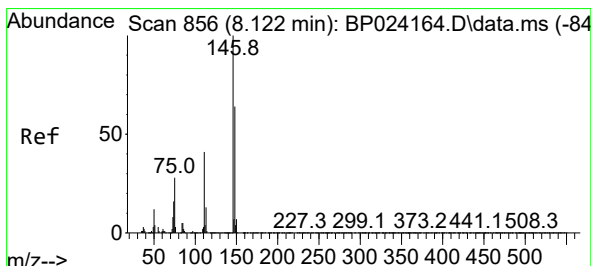
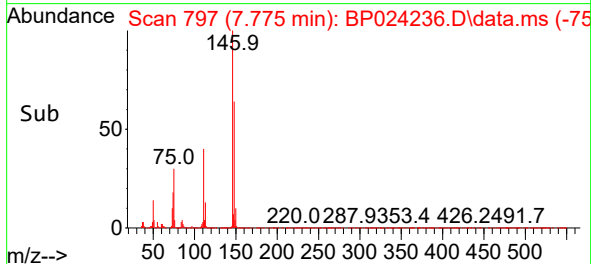
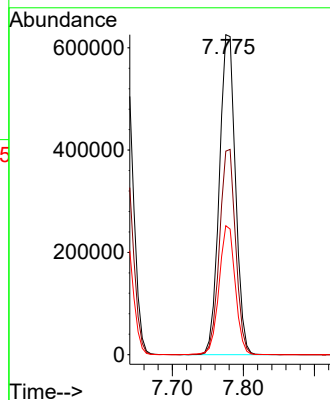
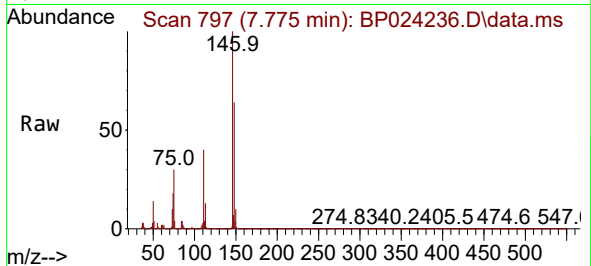




#13
1,4-Dichlorobenzene
Concen: 44.855 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

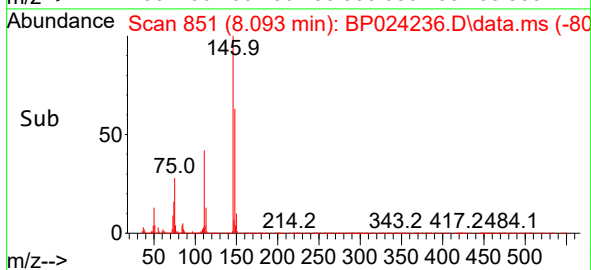
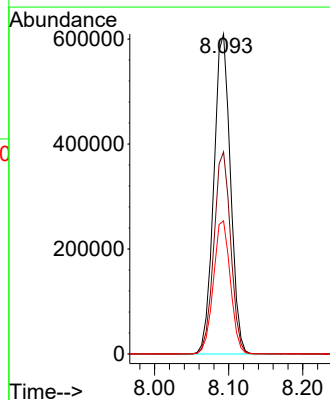
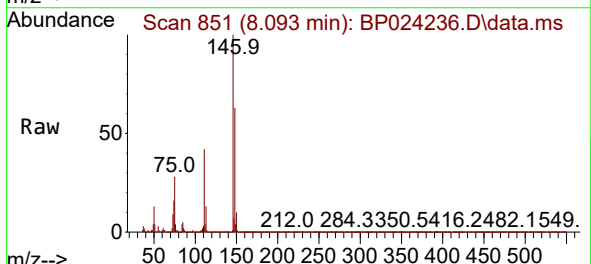
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

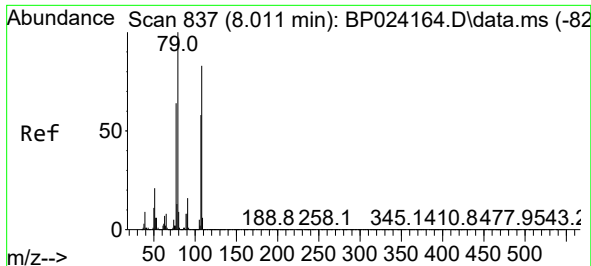
Tgt Ion:146 Resp: 982397
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
111 40.3 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 45.263 ng
RT: 8.093 min Scan# 851
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:146 Resp: 951298
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
111 41.6 33.2 49.8

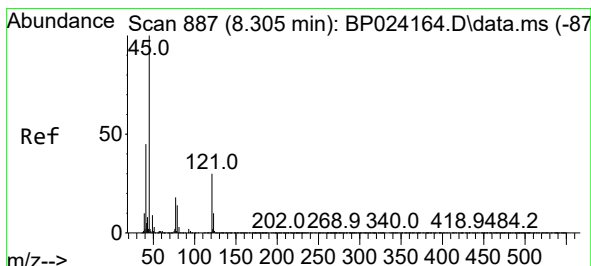
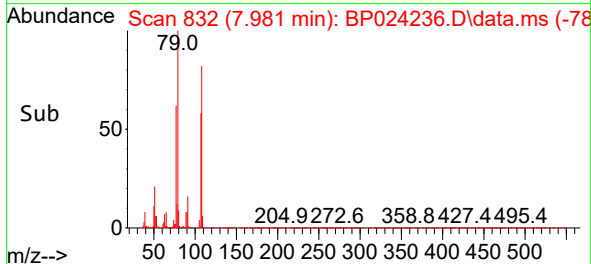
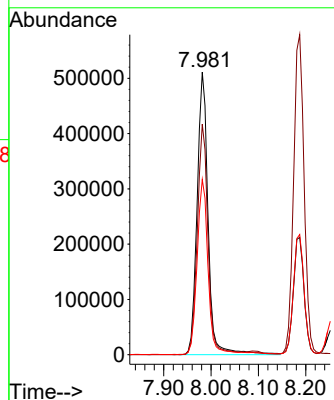
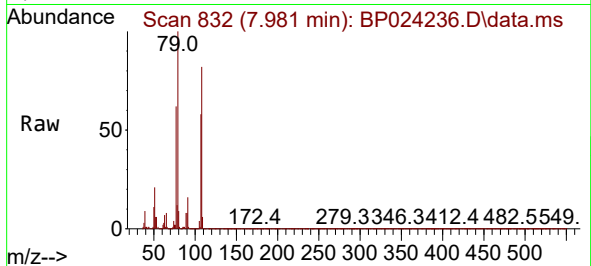




#15
Benzyl Alcohol
Concen: 52.819 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

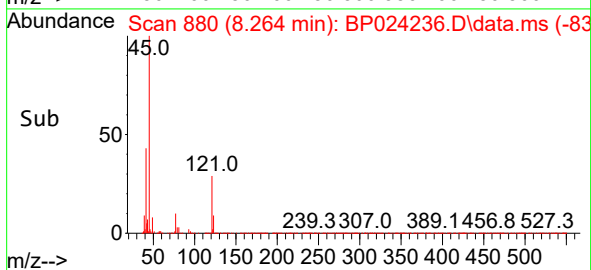
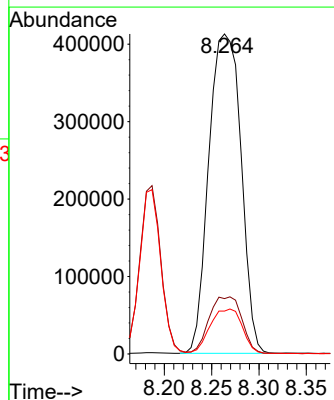
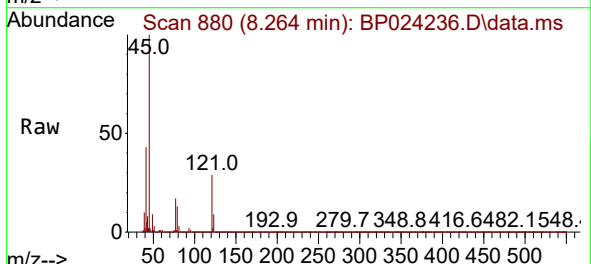
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

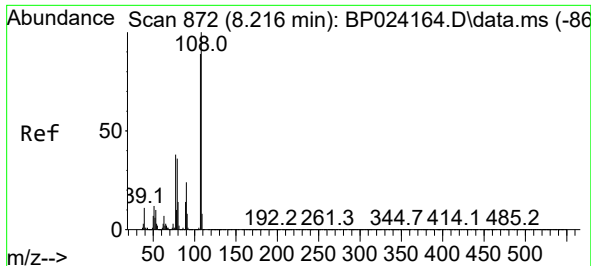
Tgt Ion: 79 Resp: 823487
Ion Ratio Lower Upper
79 100
108 81.5 66.5 99.7
77 62.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.801 ng
RT: 8.264 min Scan# 880
Delta R.T. -0.041 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion: 45 Resp: 976470
Ion Ratio Lower Upper
45 100
77 17.3 0.0 39.0
79 13.4 0.0 35.6

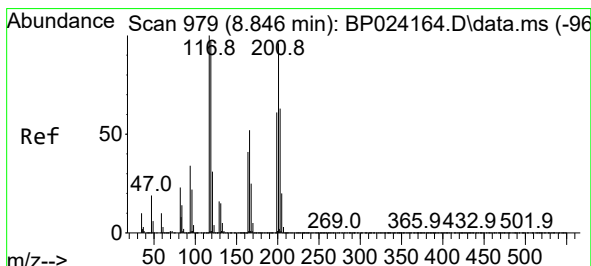
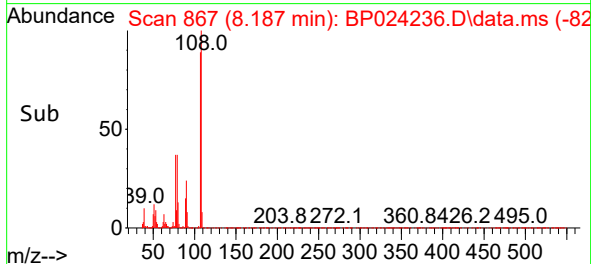
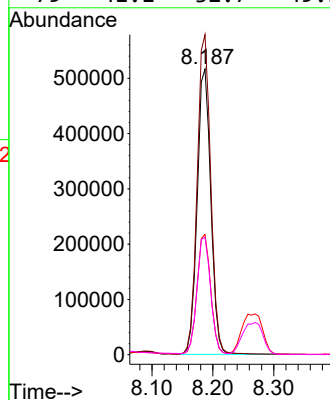
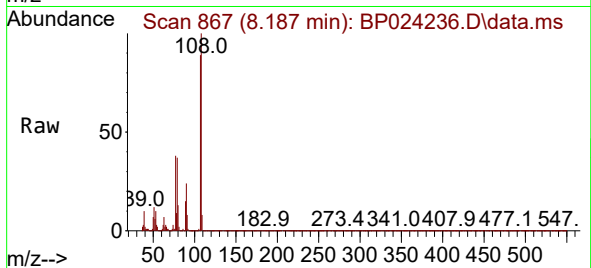




#17
2-Methylphenol
Concen: 51.199 ng
RT: 8.187 min Scan# 80
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

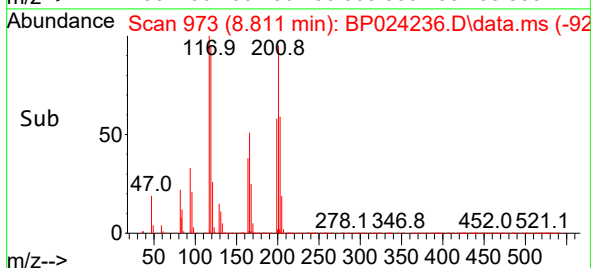
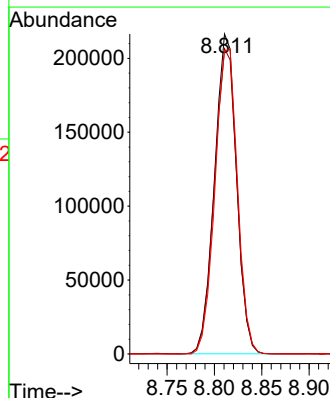
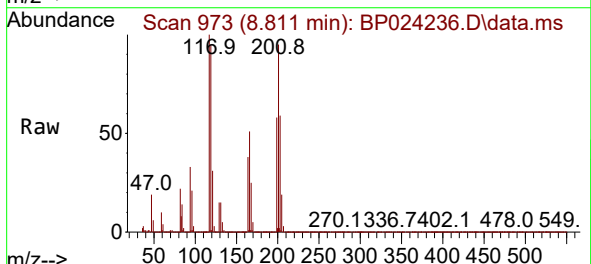
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

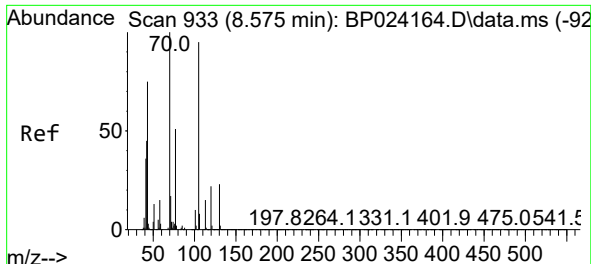
Tgt Ion:107 Resp: 798158
Ion Ratio Lower Upper
107 100
108 112.0 90.0 135.0
77 42.1 34.0 51.0
79 41.1 32.7 49.1



#18
Hexachloroethane
Concen: 45.156 ng
RT: 8.811 min Scan# 973
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:117 Resp: 350878
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
201 94.7 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 47.549 ng

RT: 8.540 min Scan# 91

Delta R.T. -0.035 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

Tgt Ion: 70 Resp: 679320

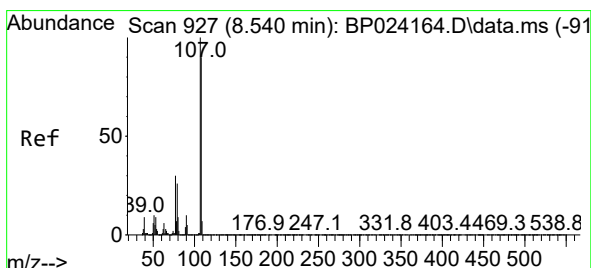
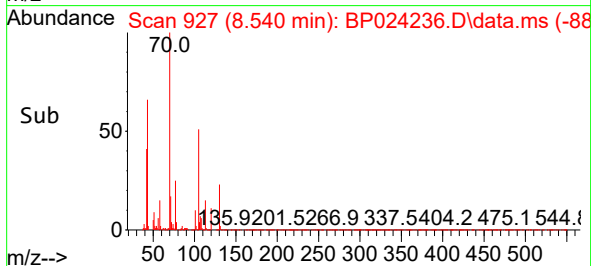
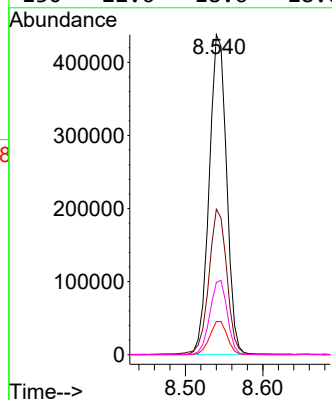
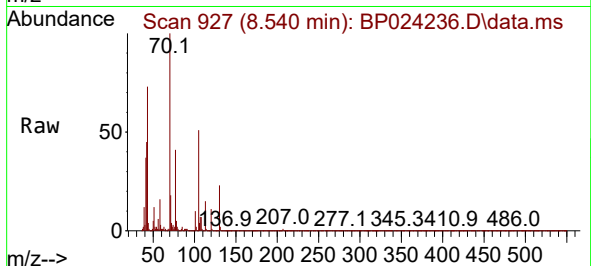
Ion Ratio Lower Upper

70 100

42 45.5 36.0 54.0

101 10.4 8.3 12.5

130 22.6 18.6 28.0



#20

3+4-Methylphenols

Concen: 50.340 ng

RT: 8.511 min Scan# 922

Delta R.T. -0.029 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Tgt Ion: 107 Resp: 1078168

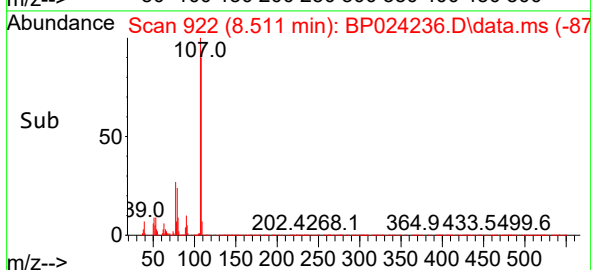
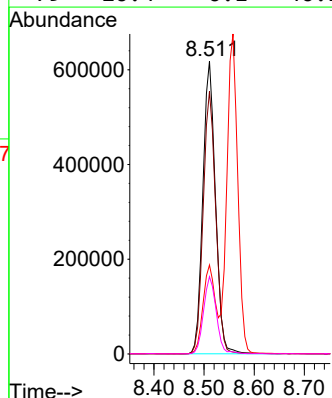
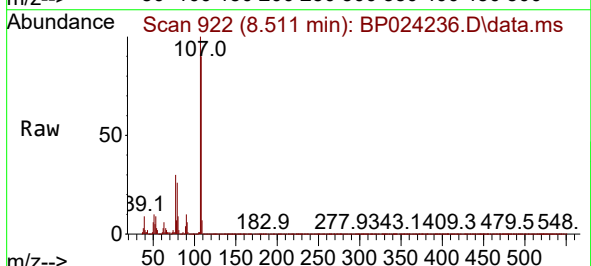
Ion Ratio Lower Upper

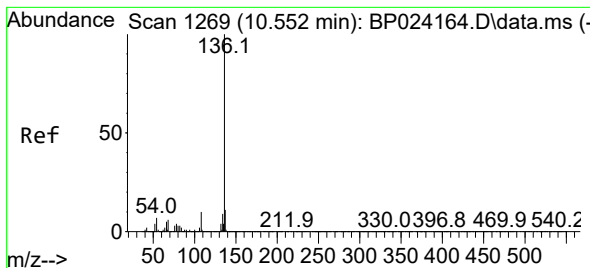
107 100

108 89.7 69.7 109.7

77 30.4 10.3 50.3

79 26.4 6.1 46.1

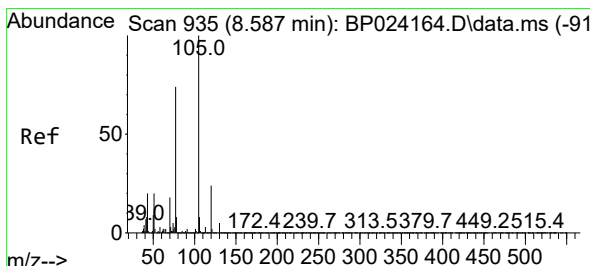
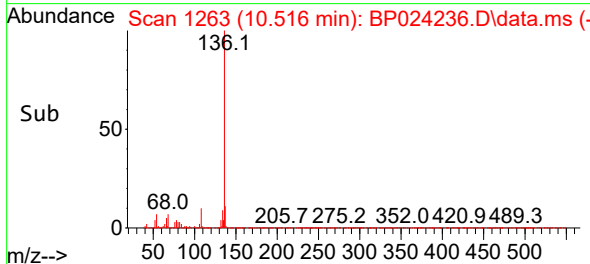
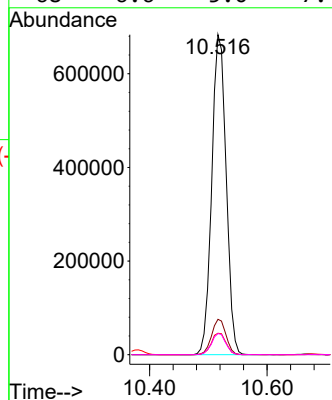
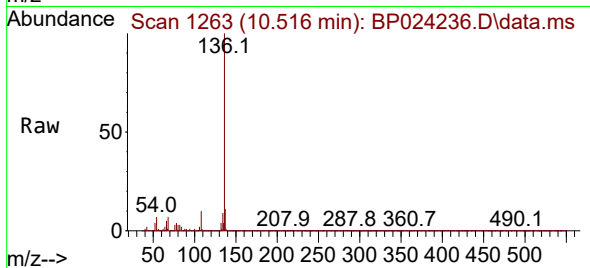




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

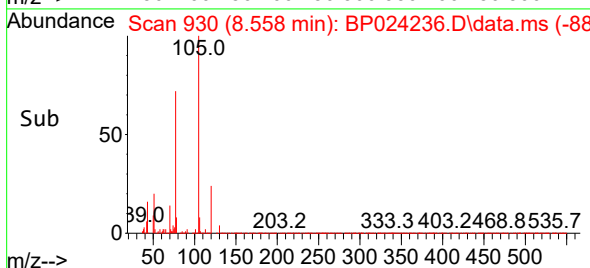
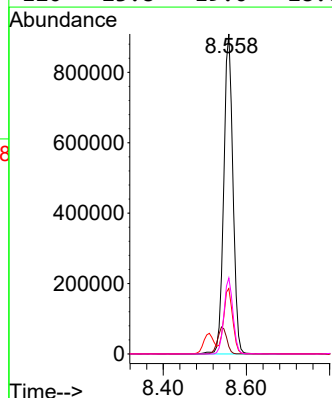
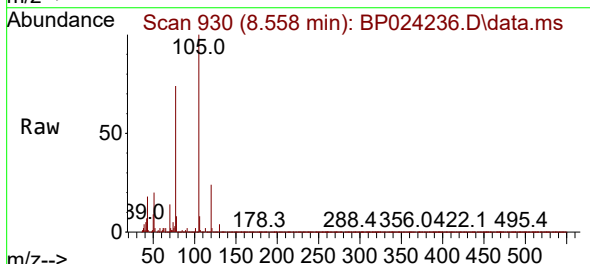
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

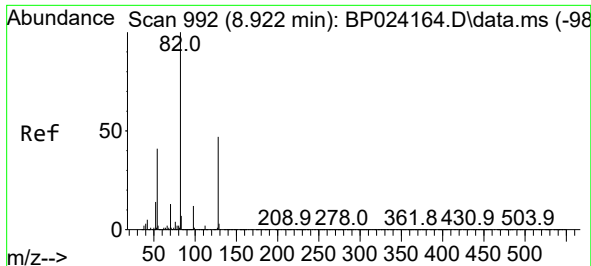
Tgt Ion:136 Resp: 1159024
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.7 5.3 7.9
68 6.6 5.0 7.4



#22
Acetophenone
Concen: 47.457 ng
RT: 8.558 min Scan# 930
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

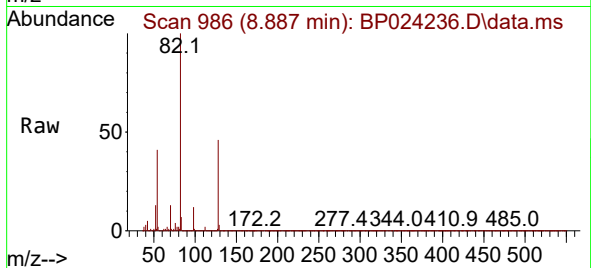
Tgt Ion:105 Resp: 1390606
Ion Ratio Lower Upper
105 100
71 2.3 2.4 3.6#
51 20.5 16.2 24.2
120 23.8 19.0 28.6



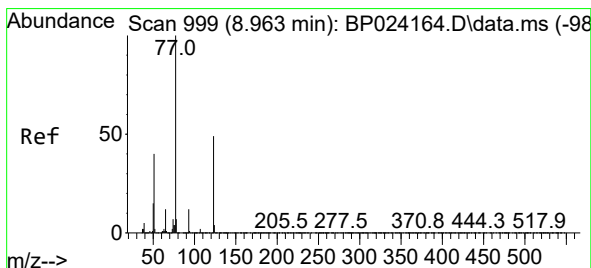
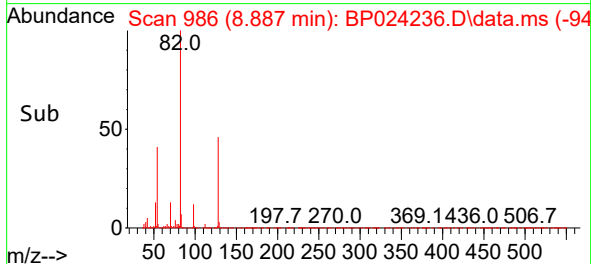
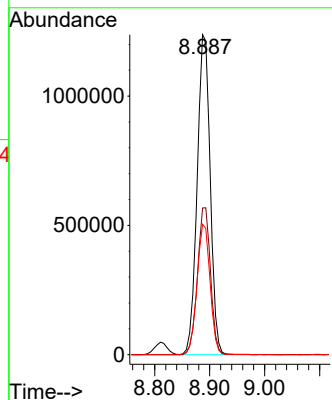


#23
Nitrobenzene-d5
Concen: 99.405 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

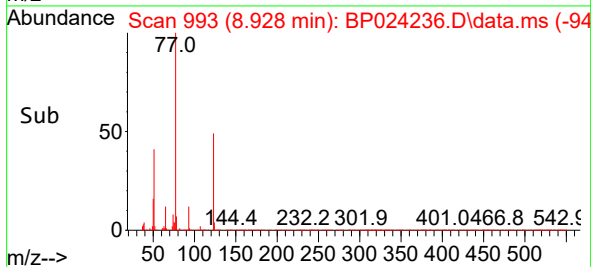
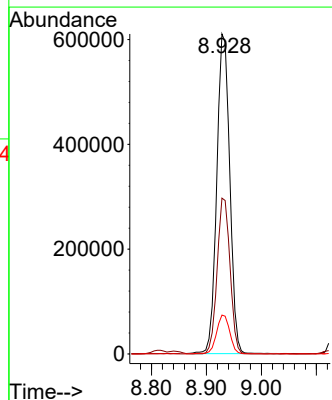
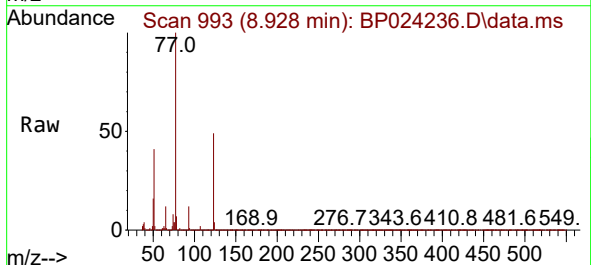


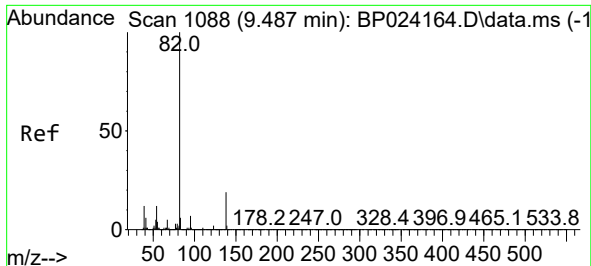
Tgt Ion: 82 Resp: 2042009
Ion Ratio Lower Upper
82 100
128 45.9 37.4 56.0
54 40.8 32.5 48.7



#24
Nitrobenzene
Concen: 49.486 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion: 77 Resp: 1002835
Ion Ratio Lower Upper
77 100
123 48.7 39.4 59.2
65 12.2 9.9 14.9

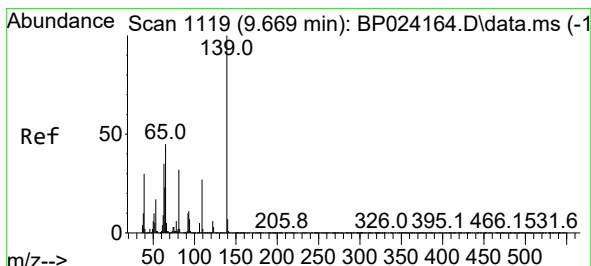
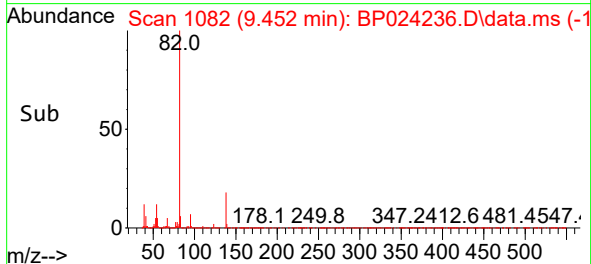
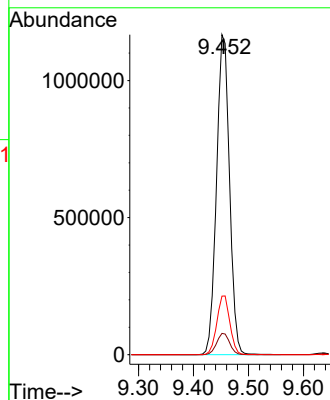
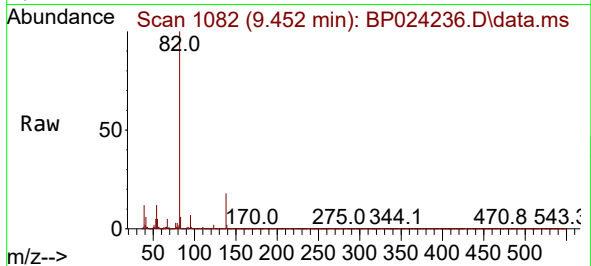




#25
Isophorone
Concen: 54.335 ng
RT: 9.452 min Scan# 1082
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

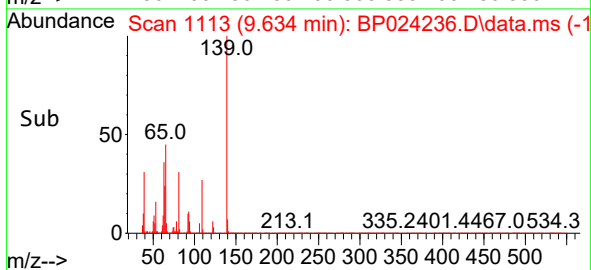
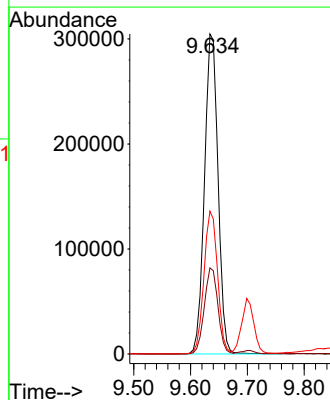
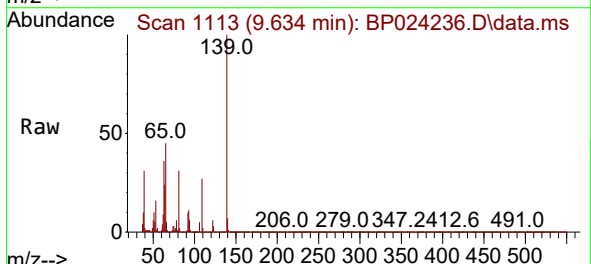
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

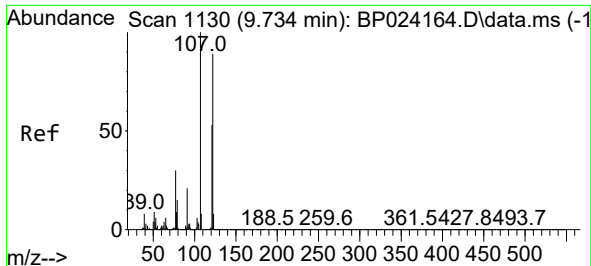
Tgt Ion: 82 Resp: 1913326
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.3 14.8 22.2



#26
2-Nitrophenol
Concen: 52.039 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion: 139 Resp: 503733
Ion Ratio Lower Upper
139 100
109 26.9 21.7 32.5
65 44.6 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 70.401 ng

RT: 9.699 min Scan# 1124

Delta R.T. -0.035 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

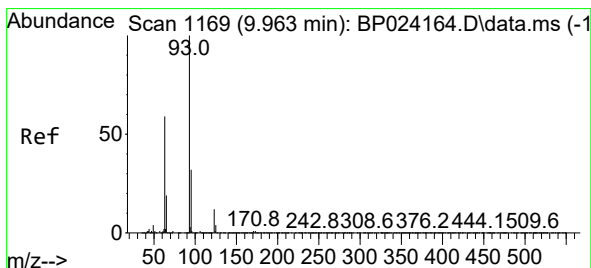
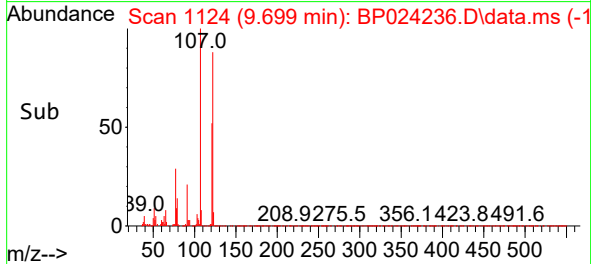
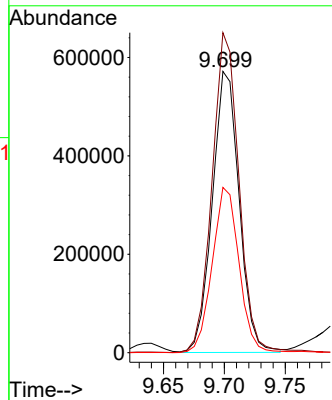
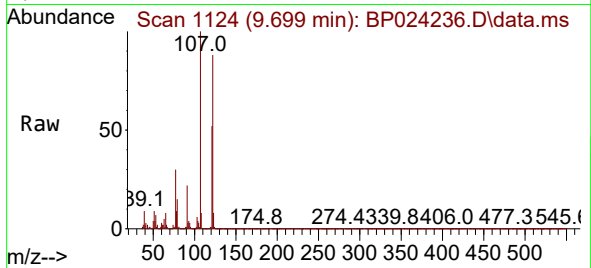
Tgt Ion:122 Resp: 876284

Ion Ratio Lower Upper

122 100

107 113.8 89.3 133.9

121 58.8 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 49.123 ng

RT: 9.934 min Scan# 1164

Delta R.T. -0.029 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

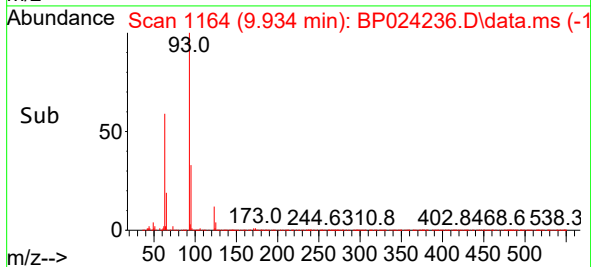
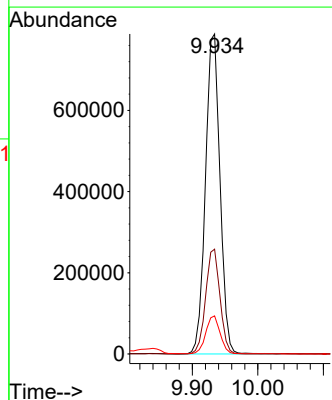
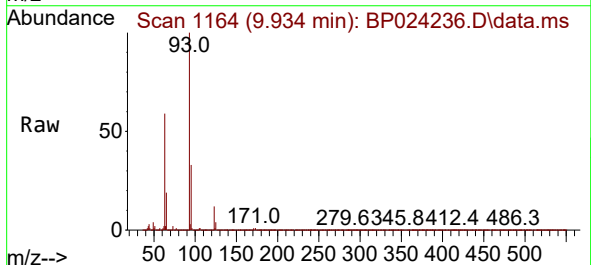
Tgt Ion: 93 Resp: 1216909

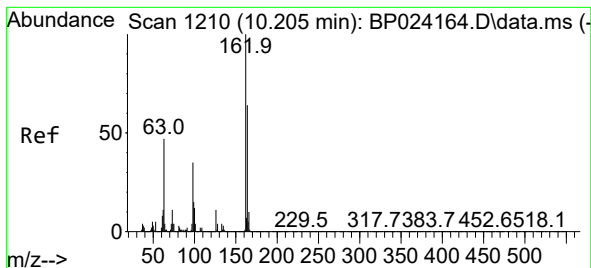
Ion Ratio Lower Upper

93 100

95 32.7 25.9 38.9

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 51.301 ng

RT: 10.169 min Scan# 1210

Delta R.T. -0.035 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

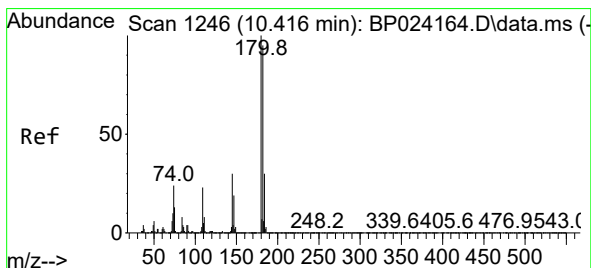
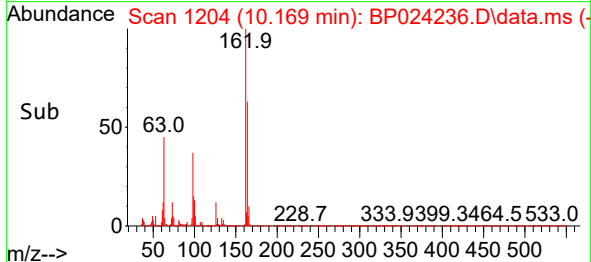
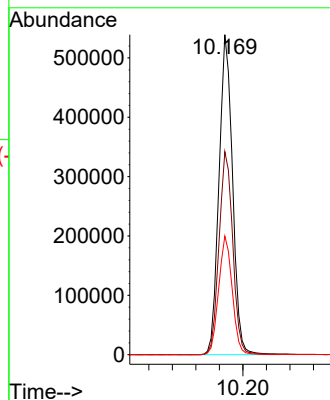
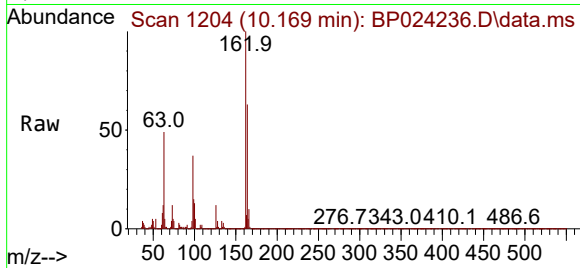
Tgt Ion:162 Resp: 863813

Ion Ratio Lower Upper

162 100

164 63.5 44.2 84.2

98 37.0 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 46.555 ng

RT: 10.381 min Scan# 1240

Delta R.T. -0.035 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

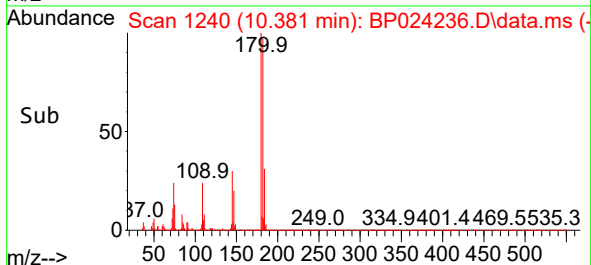
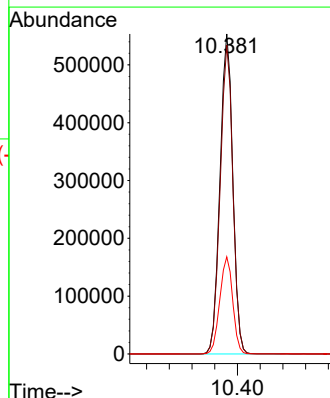
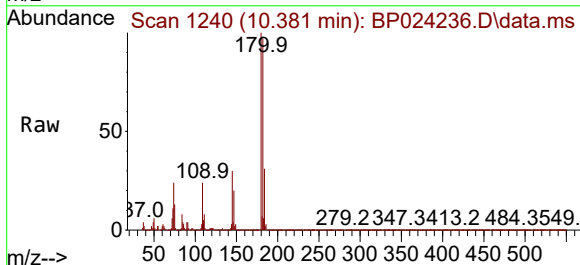
Tgt Ion:180 Resp: 866083

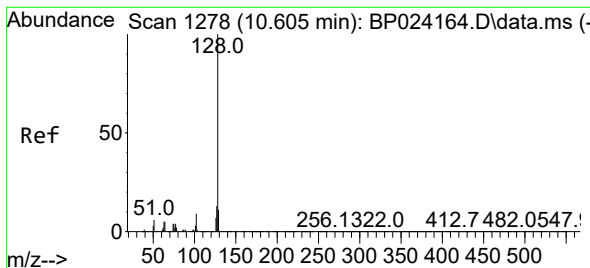
Ion Ratio Lower Upper

180 100

182 96.5 76.1 114.1

145 30.4 24.2 36.2





#31

Naphthalene

Concen: 46.003 ng

RT: 10.569 min Scan# 11

Delta R.T. -0.035 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

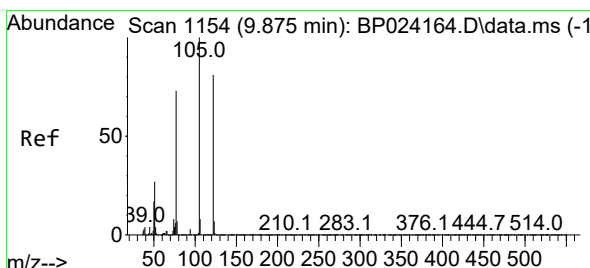
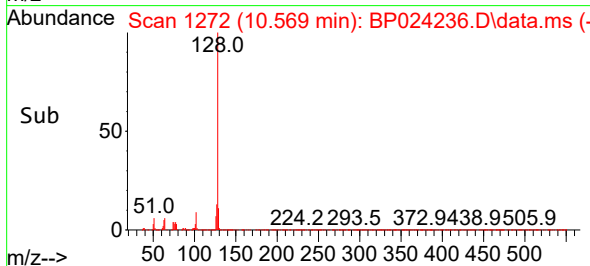
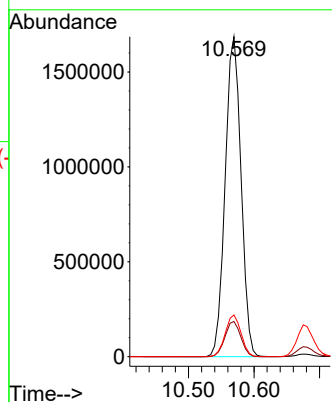
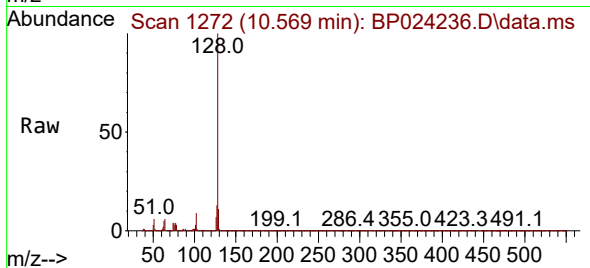
Tgt Ion:128 Resp: 2826378

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 47.411 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.035 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

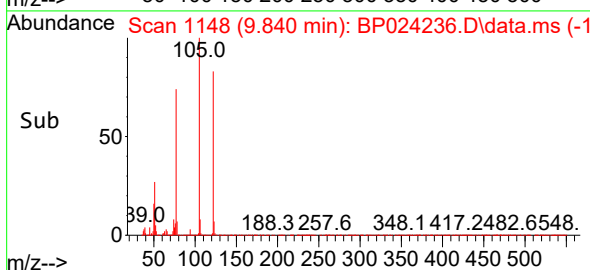
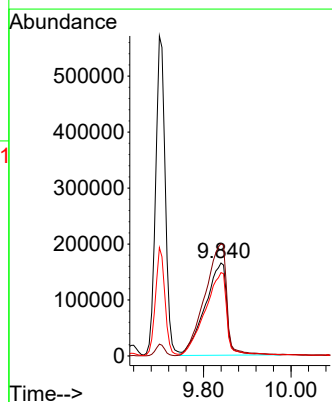
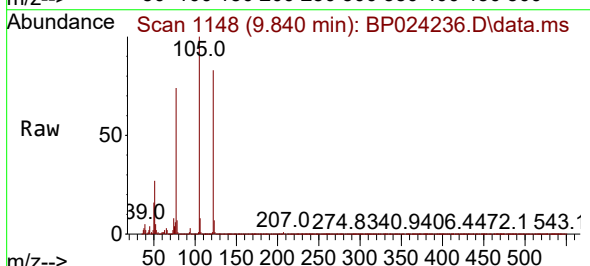
Tgt Ion:122 Resp: 575539

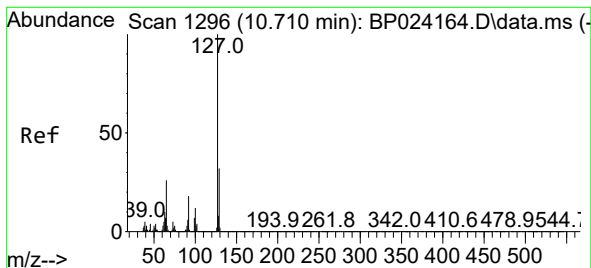
Ion Ratio Lower Upper

122 100

105 120.5 100.3 140.3

77 89.6 69.1 109.1



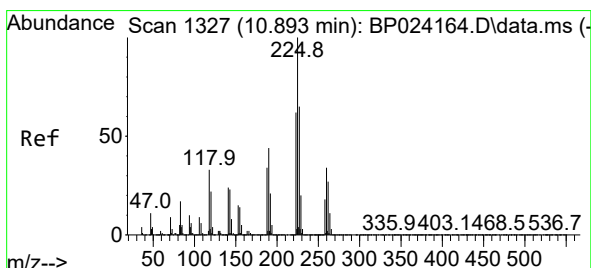
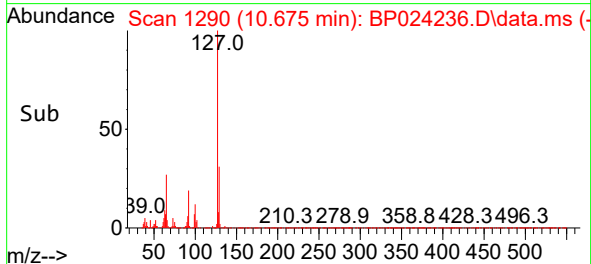
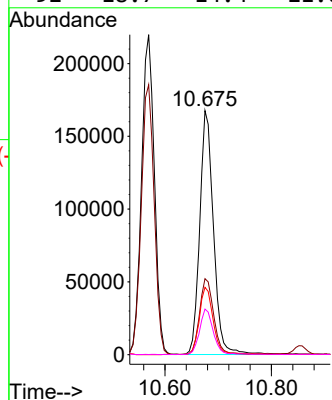
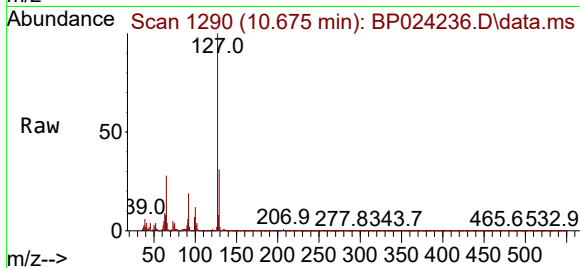


#33
4-Chloroaniline
Concen: 13.676 ng
RT: 10.675 min Scan# 1296
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

Tgt Ion:127 Resp: 300692

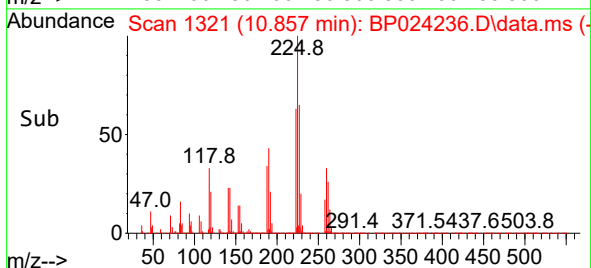
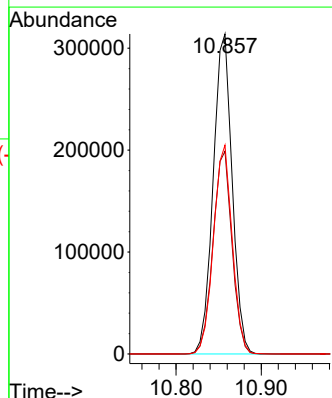
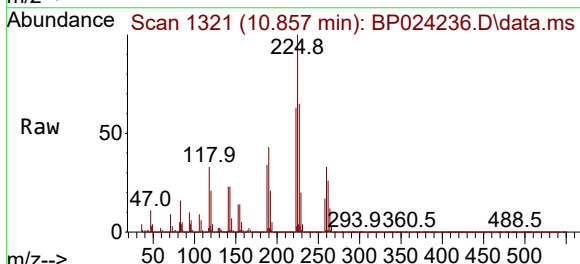
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.6
65	27.6	21.2	31.8
92	18.7	14.4	21.6

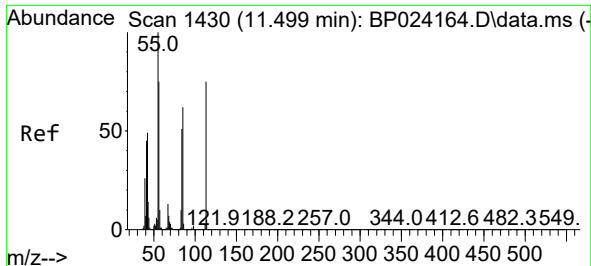


#34
Hexachlorobutadiene
Concen: 45.319 ng
RT: 10.857 min Scan# 1321
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:225 Resp: 485212

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.9	74.9
227	65.2	52.2	78.2

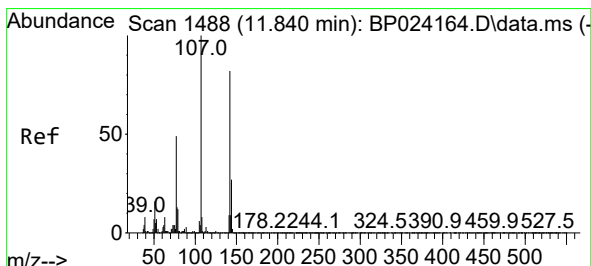
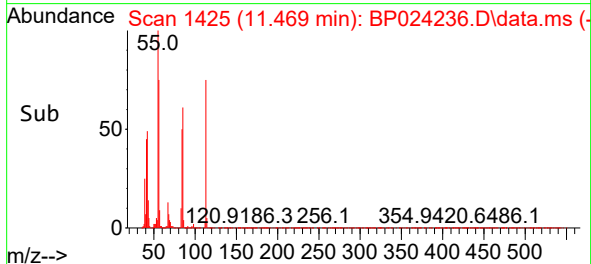
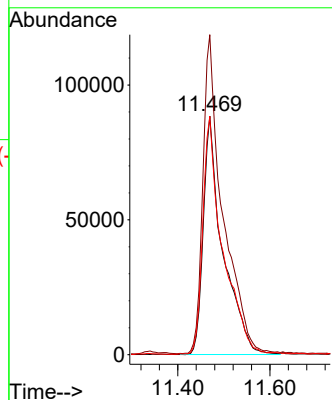
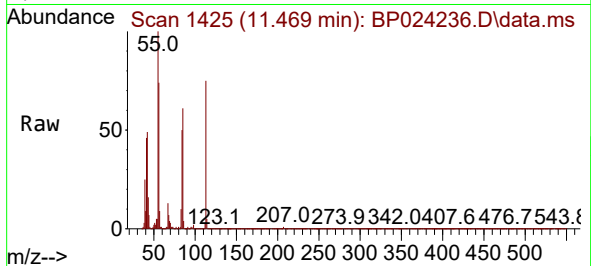




#35
Caprolactam
Concen: 47.135 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

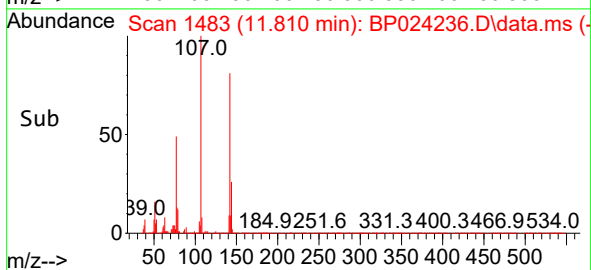
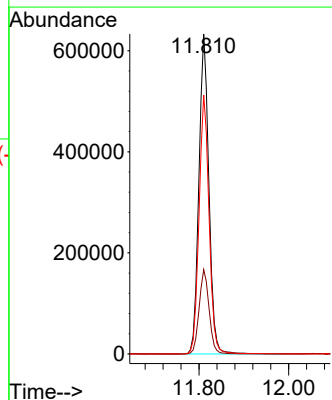
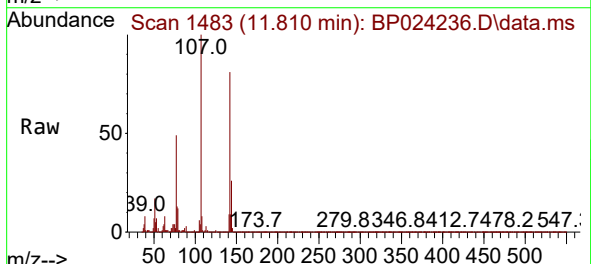
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

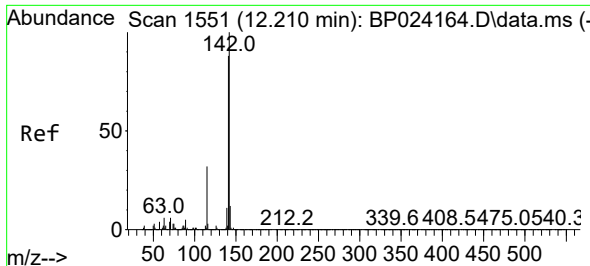
Tgt Ion:113 Resp: 260114
Ion Ratio Lower Upper
113 100
55 134.1 113.6 153.6
56 99.9 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 53.740 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:107 Resp: 976162
Ion Ratio Lower Upper
107 100
144 26.4 21.6 32.4
142 80.9 65.4 98.0

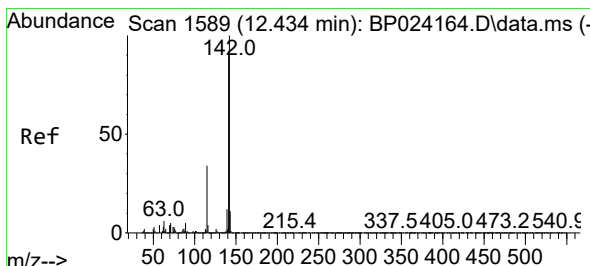
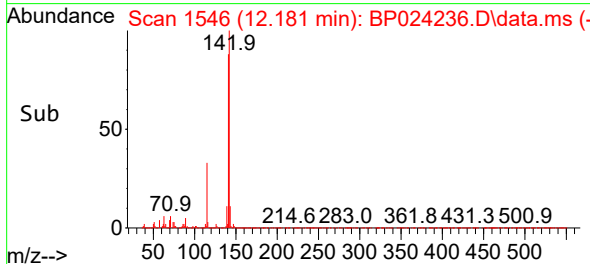
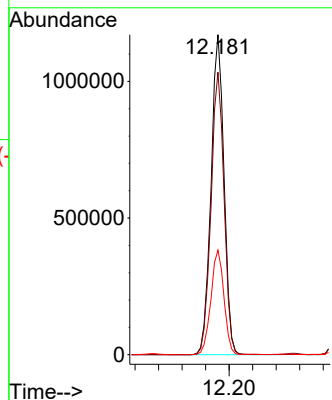
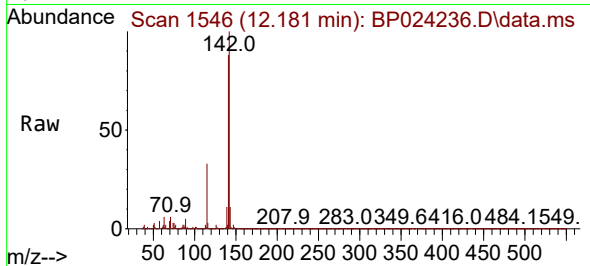




#37
2-Methylnaphthalene
Concen: 43.065 ng
RT: 12.181 min Scan# 1546
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

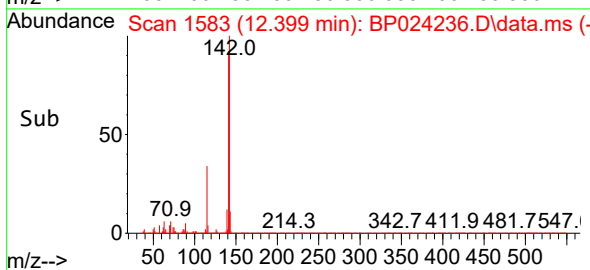
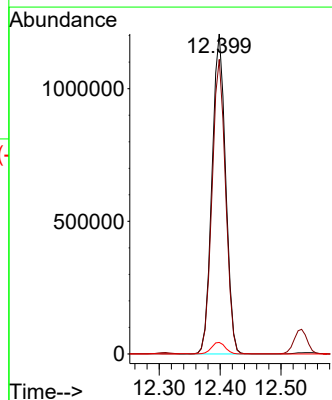
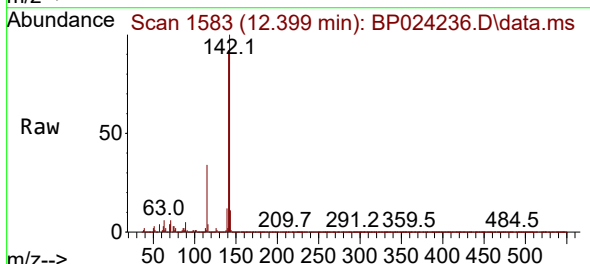
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

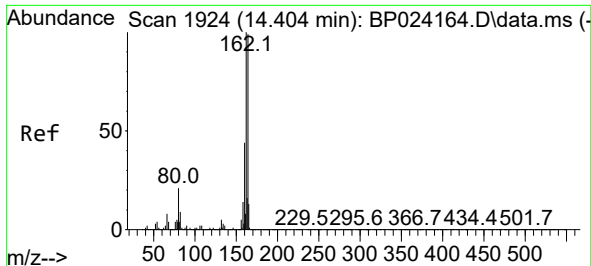
Tgt Ion:142 Resp: 1787474
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 32.6 26.0 39.0



#38
1-Methylnaphthalene
Concen: 46.409 ng
RT: 12.399 min Scan# 1583
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:142 Resp: 1873554
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9
116 3.6 2.8 4.2

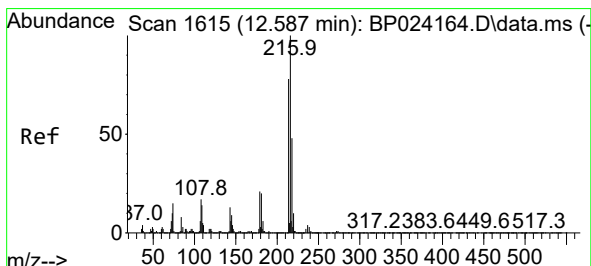
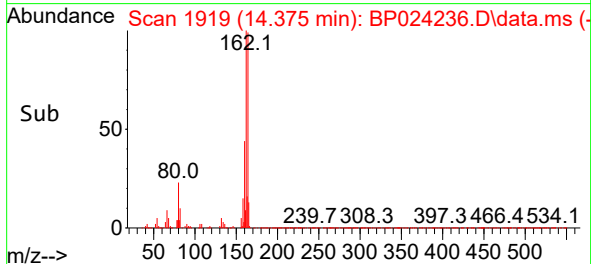
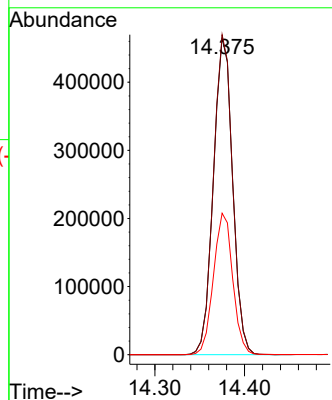
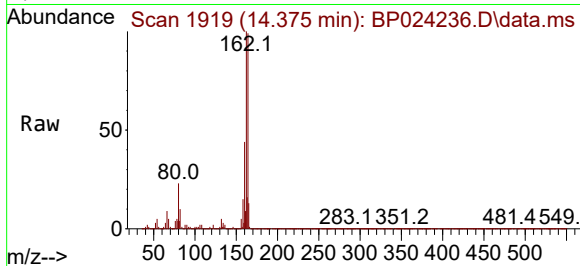




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

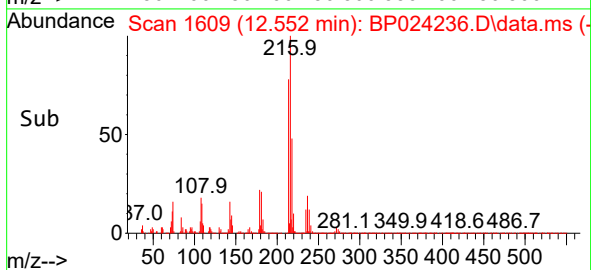
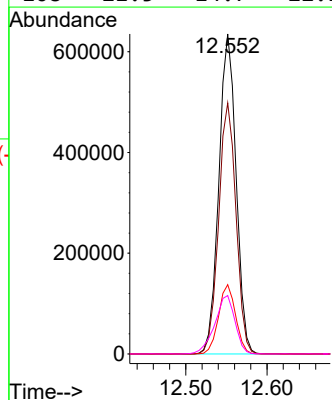
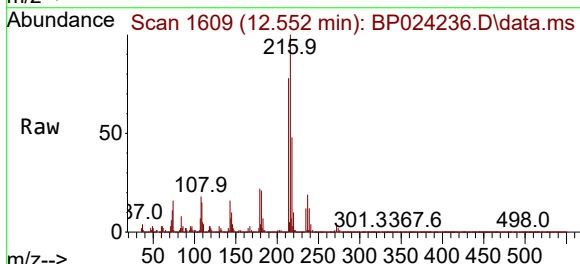
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

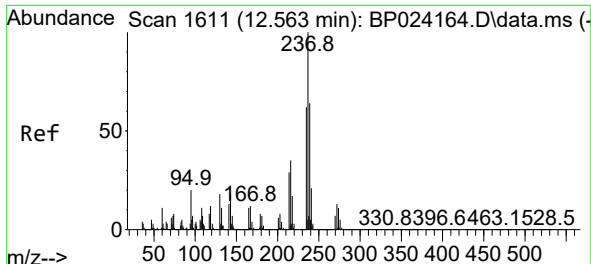
Tgt Ion:164 Resp: 692350
Ion Ratio Lower Upper
164 100
162 100.9 80.6 121.0
160 44.6 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.939 ng
RT: 12.552 min Scan# 1609
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:216 Resp: 939428
Ion Ratio Lower Upper
216 100
214 78.8 62.8 94.2
179 21.5 16.8 25.2
108 21.5 14.7 22.1

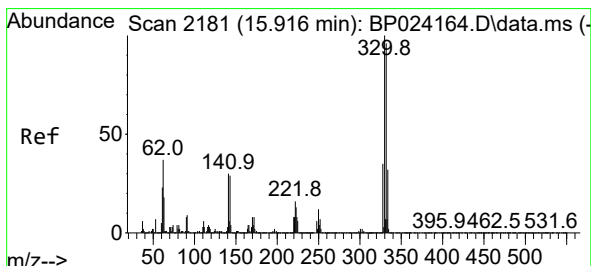
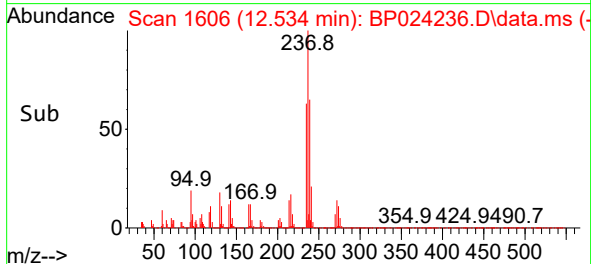
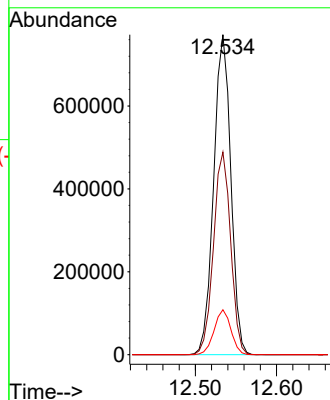
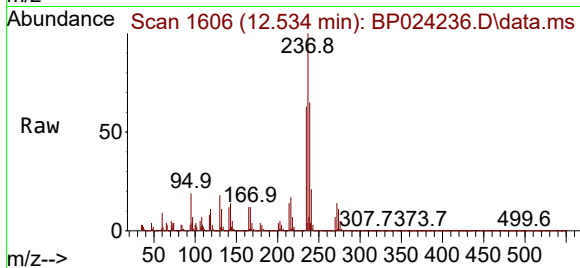




#41
Hexachlorocyclopentadiene
Concen: 156.989 ng
RT: 12.534 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

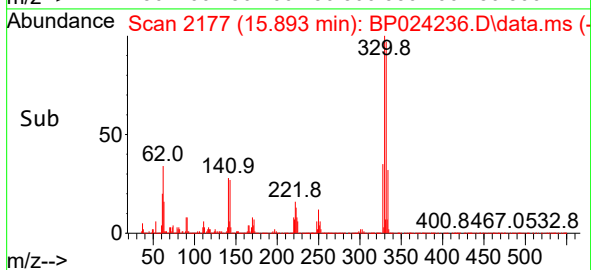
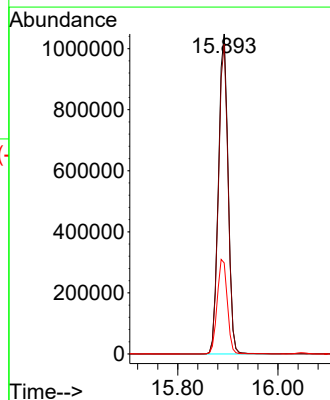
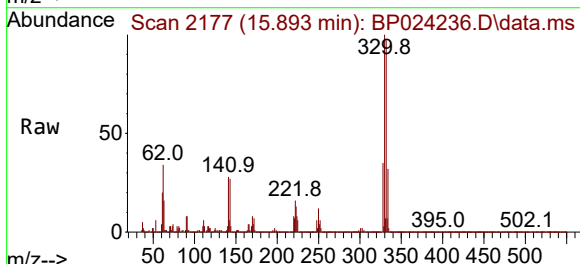
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

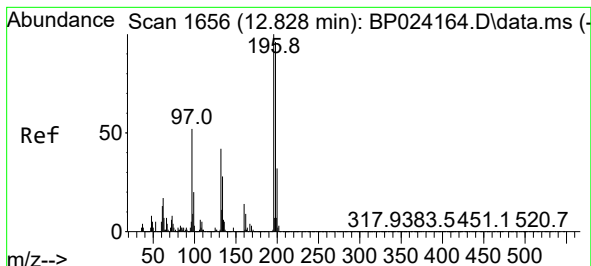
Tgt Ion:237 Resp: 1132561
Ion Ratio Lower Upper
237 100
235 63.3 41.8 81.8
272 14.0 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 159.813 ng
RT: 15.893 min Scan# 2177
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:330 Resp: 1393735
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 31.0 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 54.023 ng

RT: 12.793 min Scan# 1

Delta R.T. -0.035 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

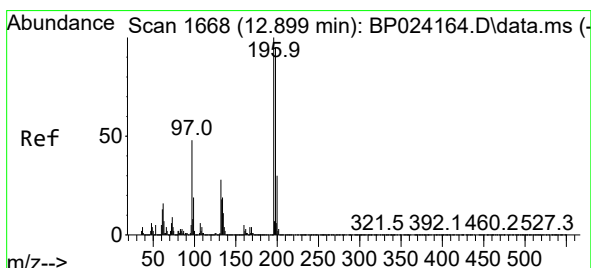
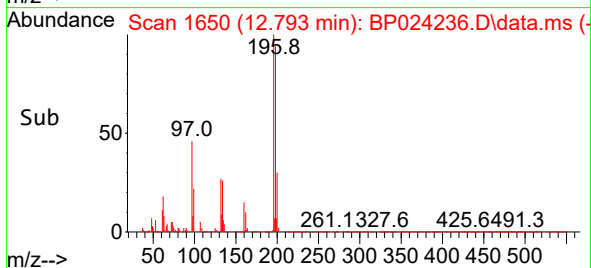
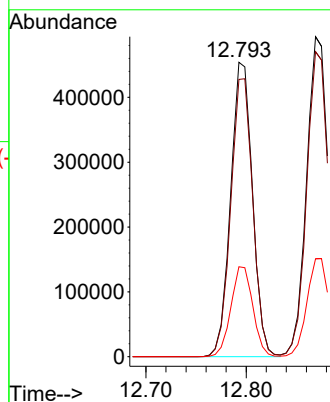
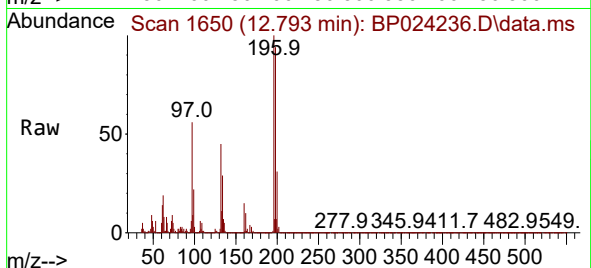
Tgt Ion:196 Resp: 687129

Ion Ratio Lower Upper

196 100

198 94.2 76.6 115.0

200 30.6 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 54.692 ng

RT: 12.869 min Scan# 1663

Delta R.T. -0.029 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Tgt Ion:196 Resp: 762883

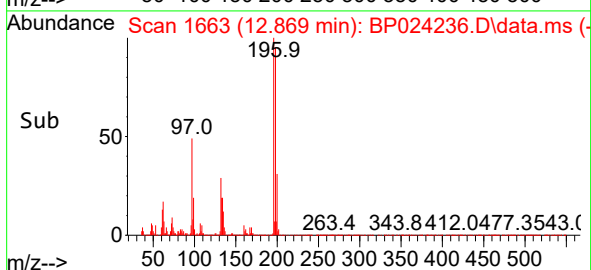
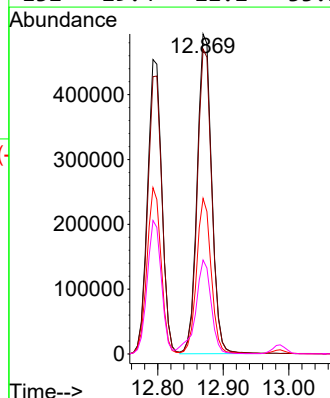
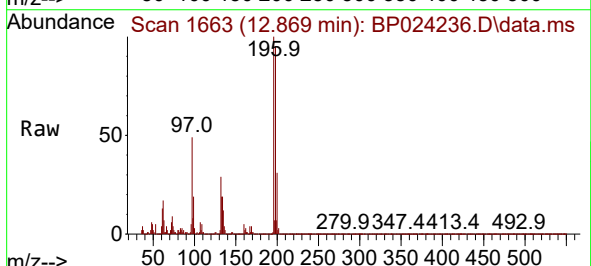
Ion Ratio Lower Upper

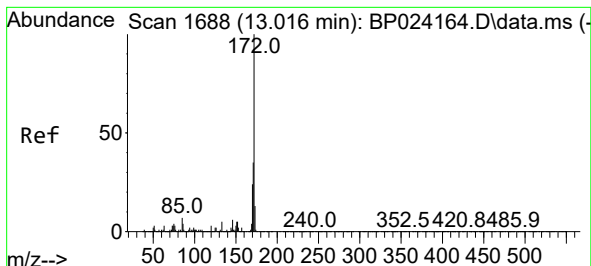
196 100

198 95.3 76.5 114.7

97 48.6 38.7 58.1

132 29.4 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 92.204 ng

RT: 12.987 min Scan# 1

Delta R.T. -0.029 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

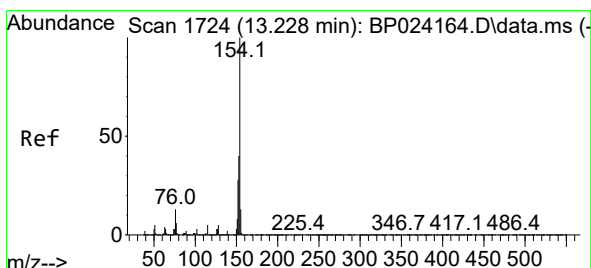
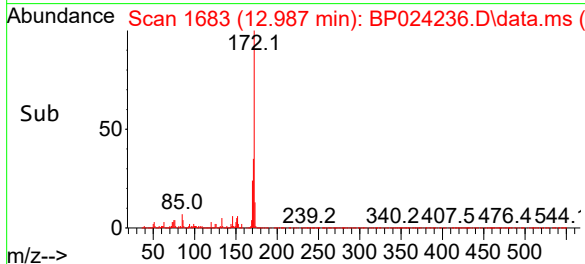
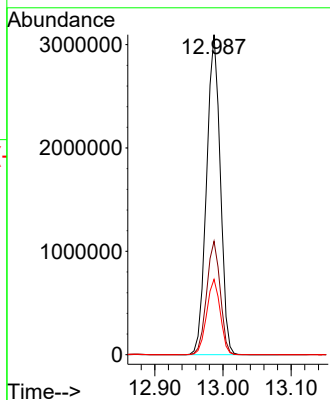
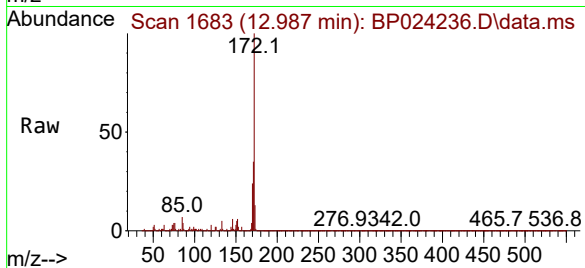
Tgt Ion:172 Resp: 4329349

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.803 ng

RT: 13.199 min Scan# 1719

Delta R.T. -0.029 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

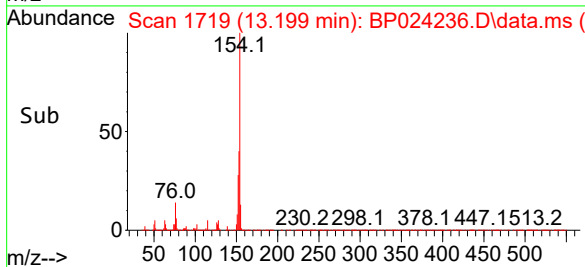
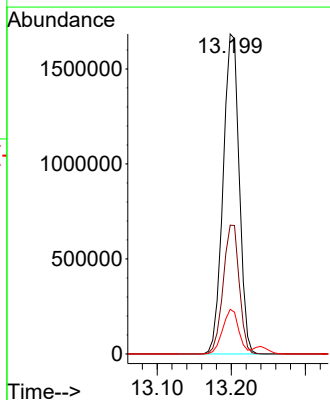
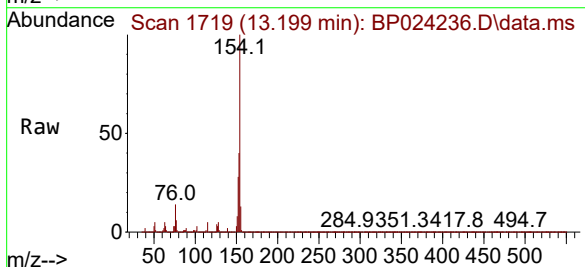
Tgt Ion:154 Resp: 2539052

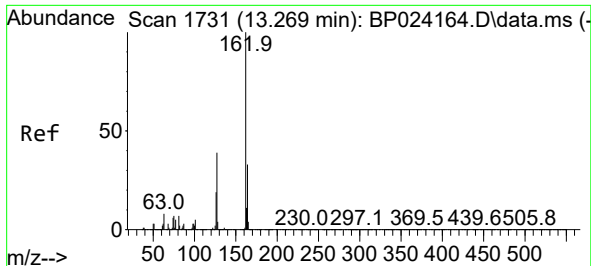
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 13.9 0.0 32.9

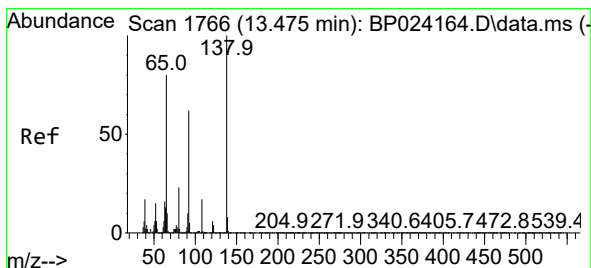
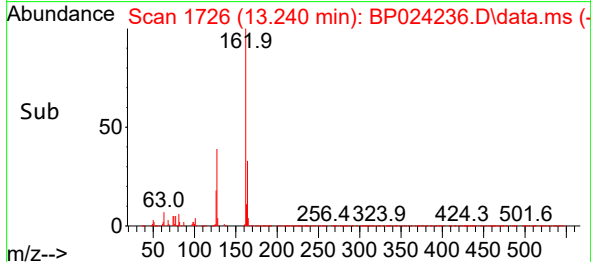
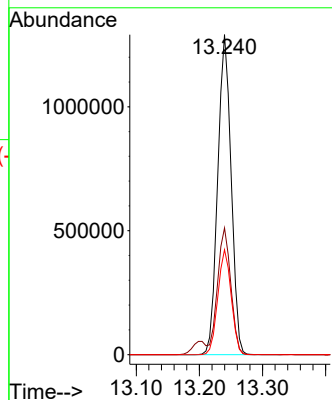
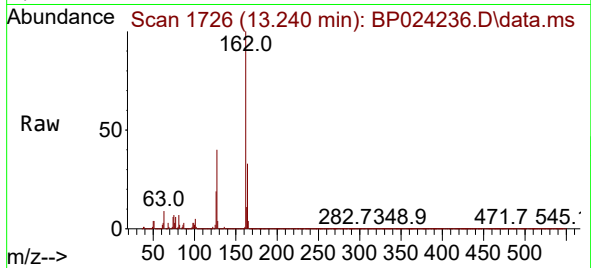




#47
2-Chloronaphthalene
Concen: 48.635 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

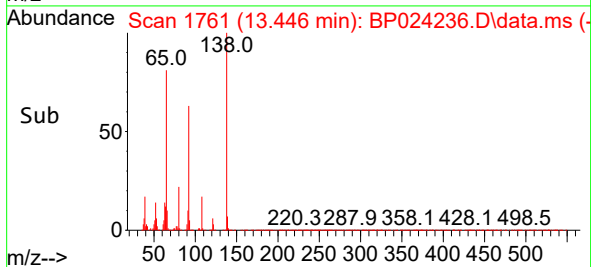
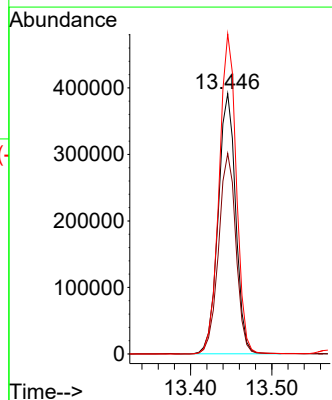
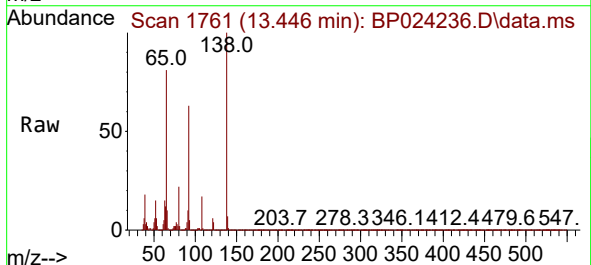
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

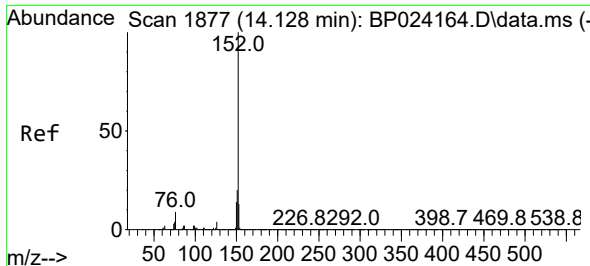
Tgt Ion:162 Resp: 1903244
Ion Ratio Lower Upper
162 100
127 39.6 31.5 47.3
164 32.8 26.6 39.8



#48
2-Nitroaniline
Concen: 58.544 ng
RT: 13.446 min Scan# 1761
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion: 65 Resp: 585973
Ion Ratio Lower Upper
65 100
92 77.0 62.1 93.1
138 122.9 99.5 149.3

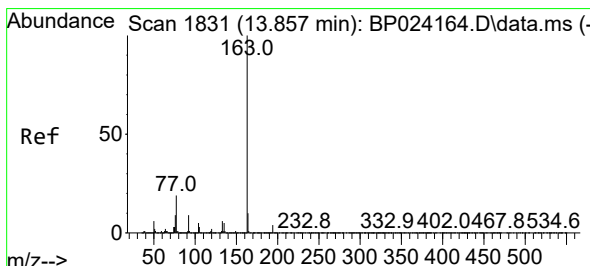
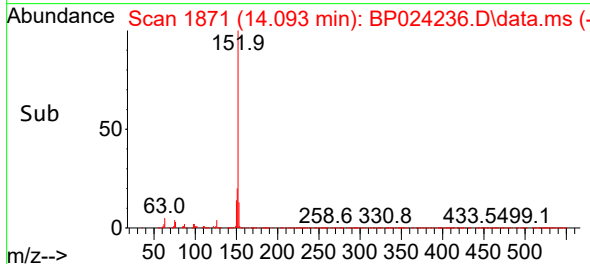
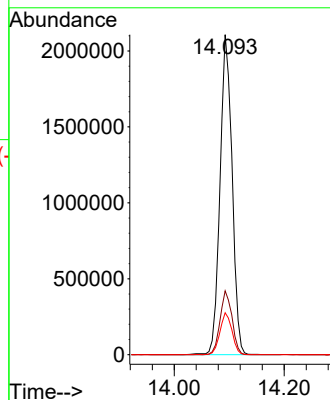
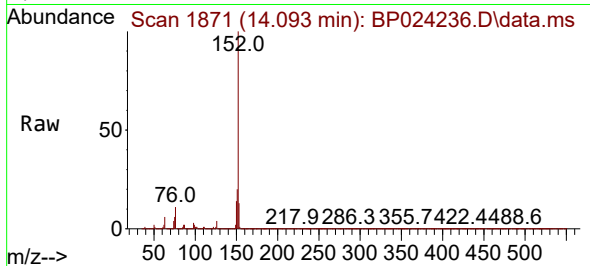




#49
Acenaphthylene
Concen: 54.226 ng
RT: 14.093 min Scan# 1871
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

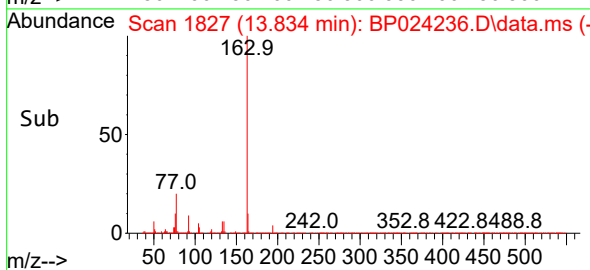
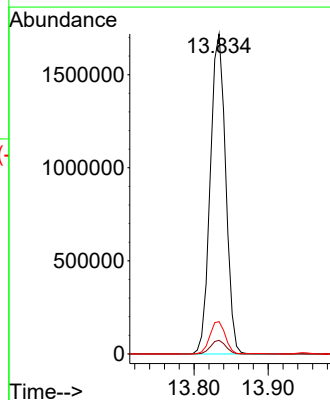
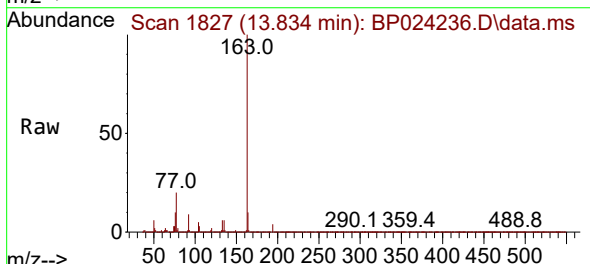
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

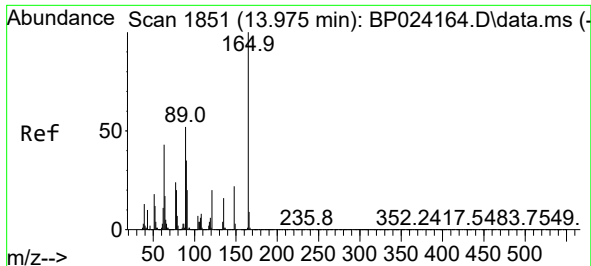
Tgt Ion:152 Resp: 3210884
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 51.087 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:163 Resp: 2474892
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.2 12.4

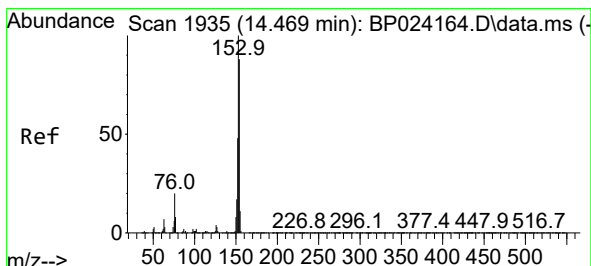
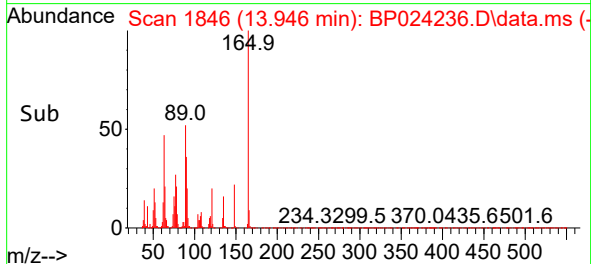
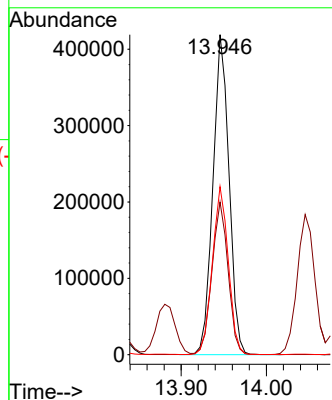
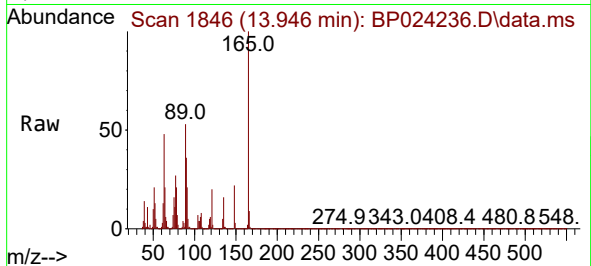




#51
2,6-Dinitrotoluene
Concen: 53.993 ng
RT: 13.946 min Scan# 1846
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

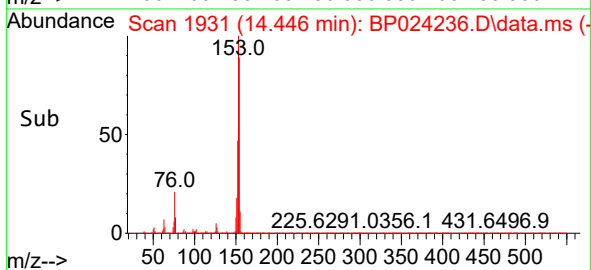
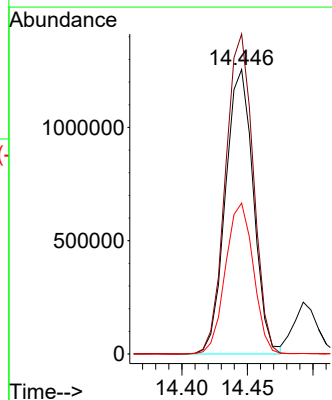
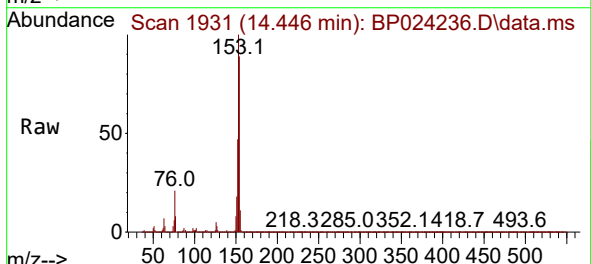
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

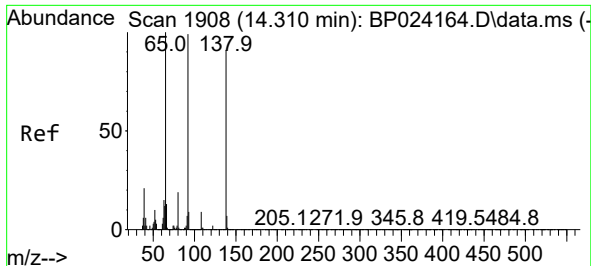
Tgt Ion:165 Resp: 550356
Ion Ratio Lower Upper
165 100
63 47.7 37.7 56.5
89 52.5 41.9 62.9



#52
Acenaphthene
Concen: 49.237 ng
RT: 14.446 min Scan# 1931
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:154 Resp: 1862762
Ion Ratio Lower Upper
154 100
153 112.5 90.5 135.7
152 53.1 43.1 64.7

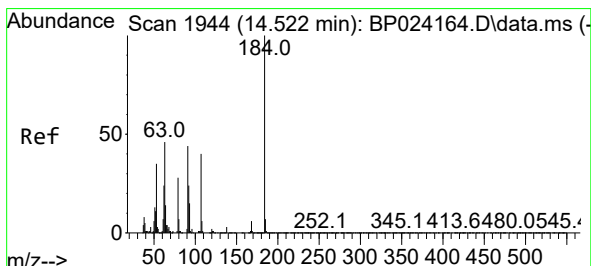
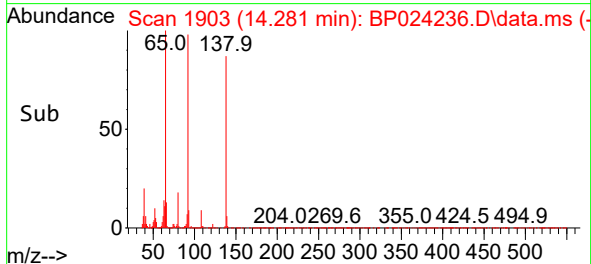
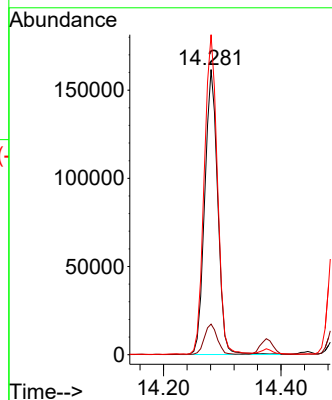
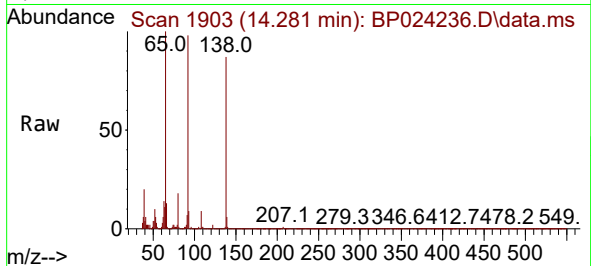




#53
3-Nitroaniline
Concen: 22.437 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

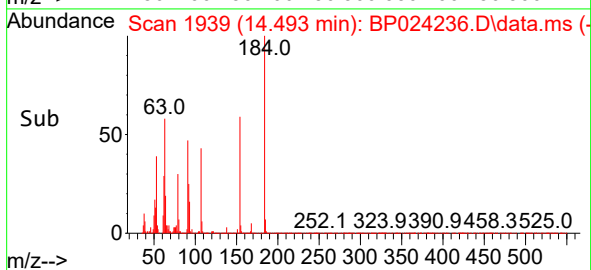
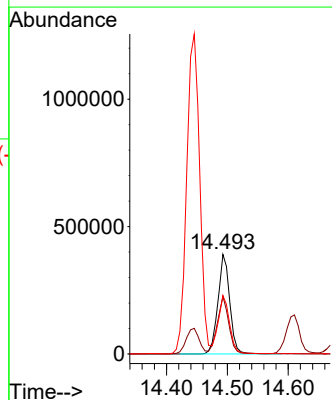
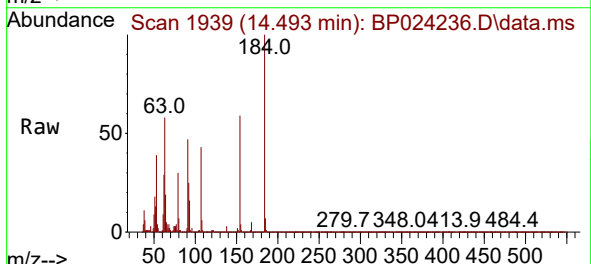
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

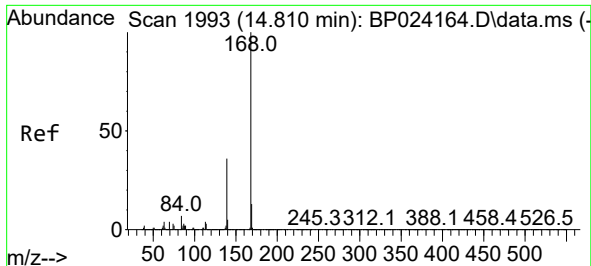
Tgt Ion:138 Resp: 247010
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.2
92 112.2 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 97.639 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:184 Resp: 526614
Ion Ratio Lower Upper
184 100
63 57.8 42.1 63.1
154 58.6 44.6 67.0

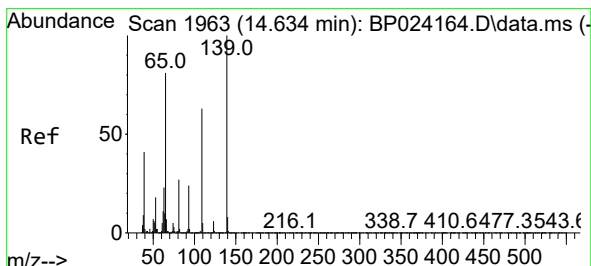
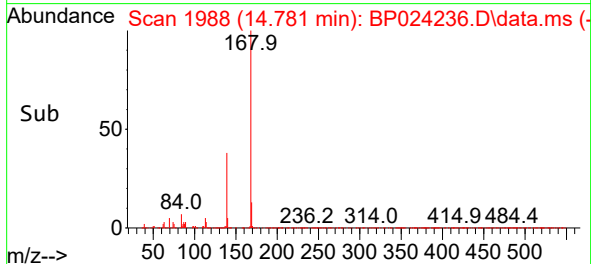
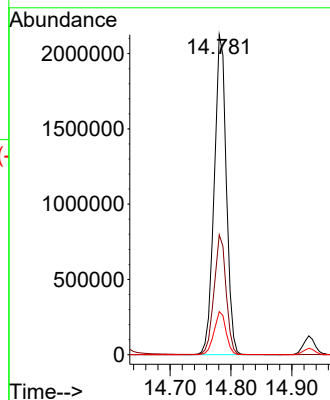
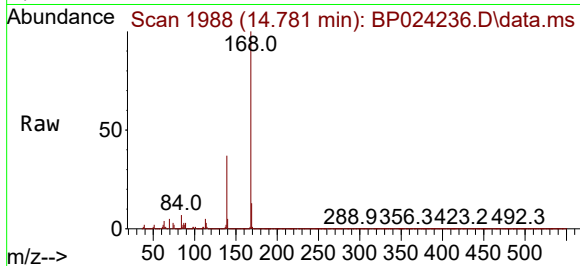




#55
Dibenzofuran
Concen: 47.906 ng
RT: 14.781 min Scan# 1988
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

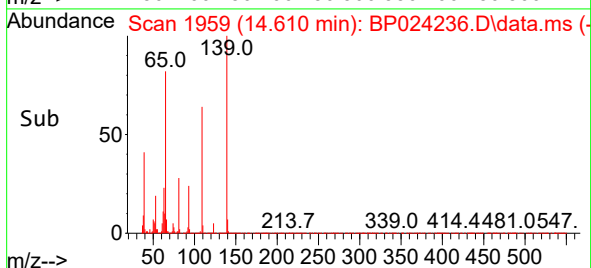
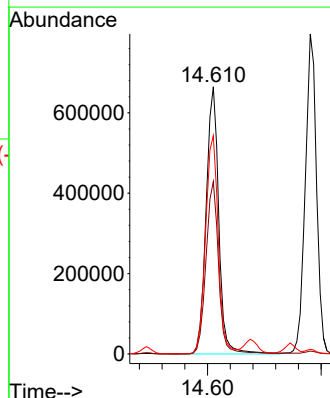
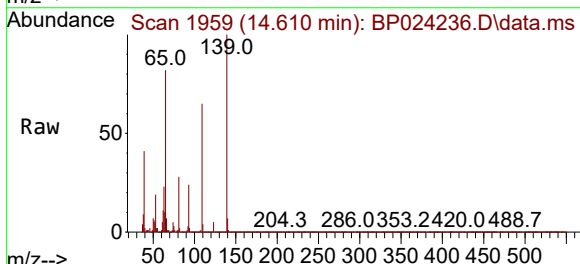
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

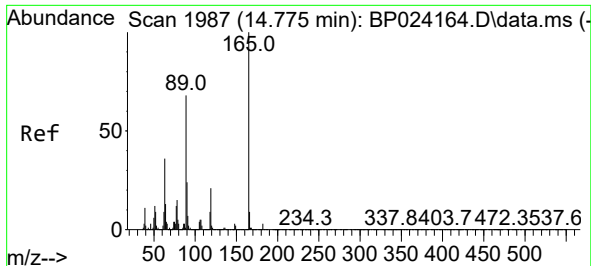
Tgt Ion:168 Resp: 2935792
Ion Ratio Lower Upper
168 100
139 37.5 29.1 43.7
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 111.193 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:139 Resp: 1022863
Ion Ratio Lower Upper
139 100
109 64.5 43.3 83.3
65 81.7 61.2 101.2

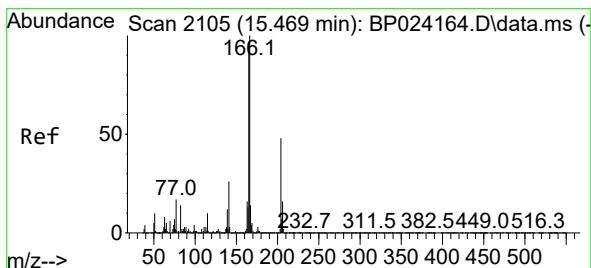
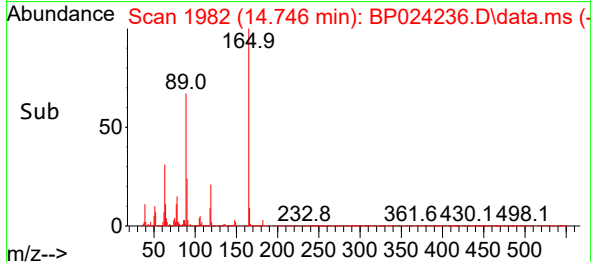
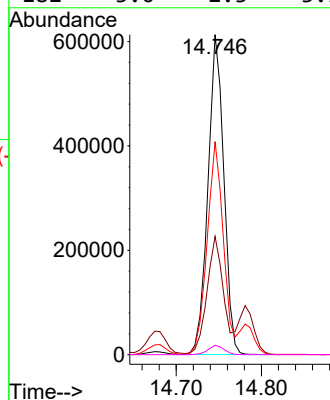
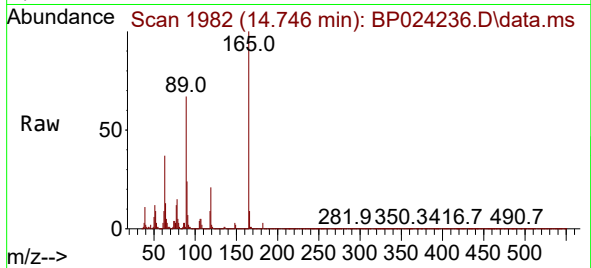




#57
2,4-Dinitrotoluene
Concen: 58.978 ng
RT: 14.746 min Scan# 1987
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

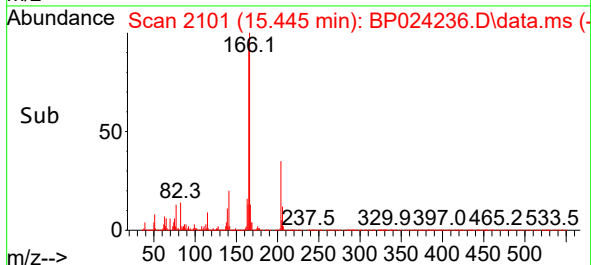
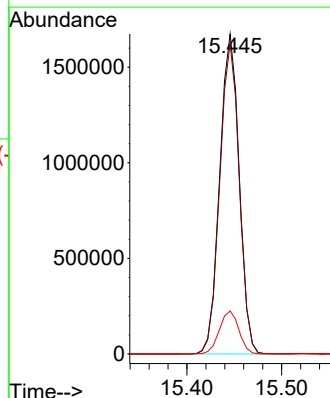
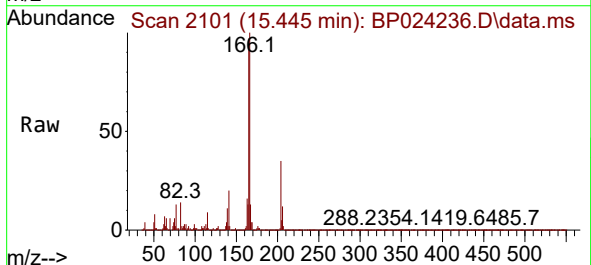
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

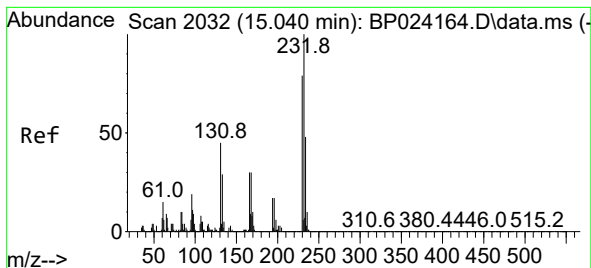
Tgt Ion:165	Resp:	794086
Ion Ratio	Lower	Upper
165	100	
63	36.9	29.0 43.6
89	66.6	54.2 81.4
182	3.0	2.3 3.5



#58
Fluorene
Concen: 50.008 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:166	Resp:	2387738
Ion Ratio	Lower	Upper
166	100	
165	97.1	77.6 116.4
167	13.4	10.8 16.2

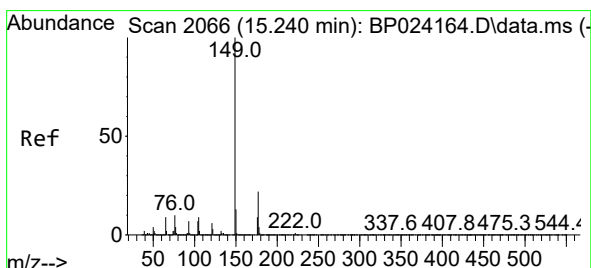
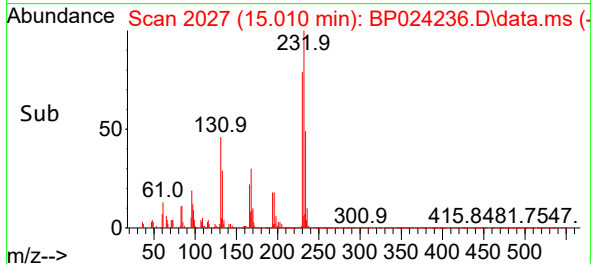
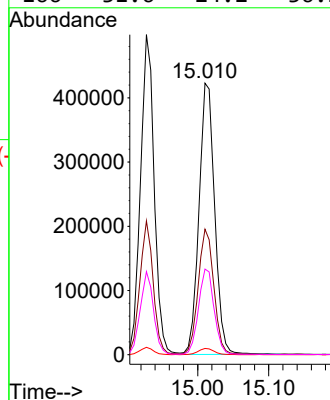
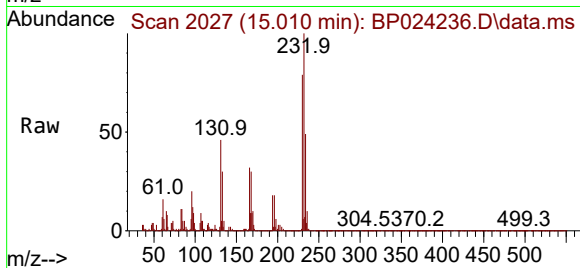




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.730 ng
RT: 15.010 min Scan# 2032
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

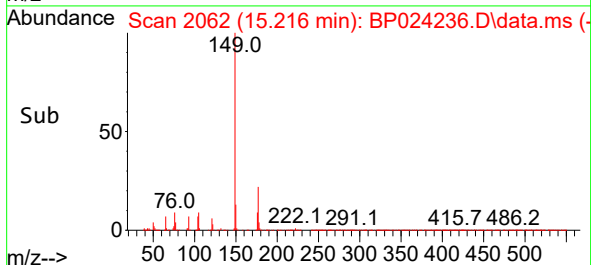
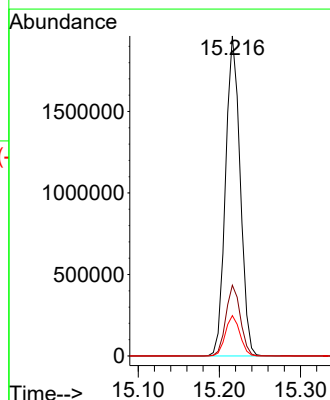
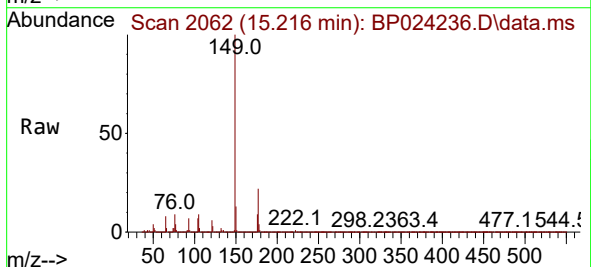
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

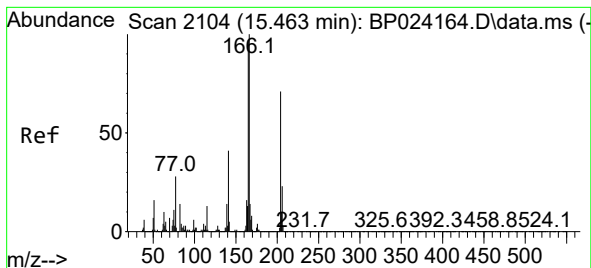
Tgt Ion:232 Resp: 649836
Ion Ratio Lower Upper
232 100
131 46.1 35.9 53.9
130 2.3 1.8 2.6
166 31.6 24.2 36.2



#60
Diethylphthalate
Concen: 51.030 ng
RT: 15.216 min Scan# 2062
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:149 Resp: 2461820
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 12.6 10.2 15.4

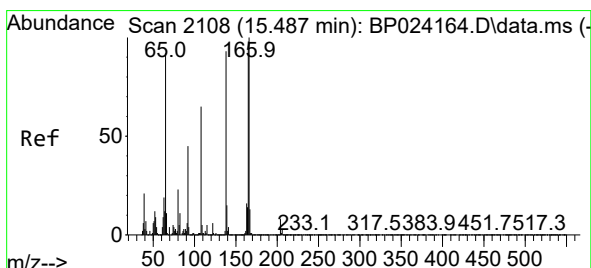
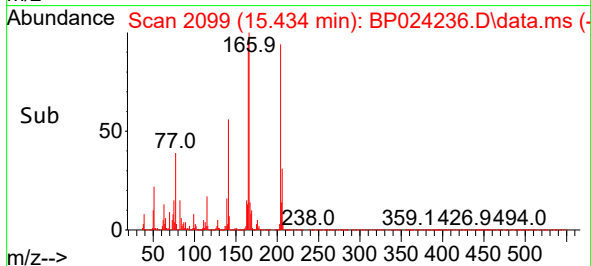
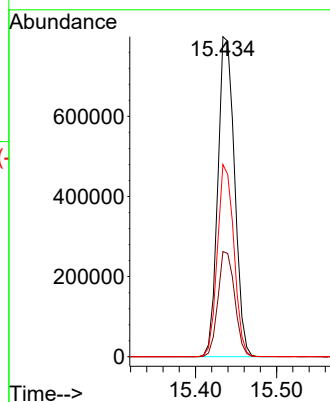
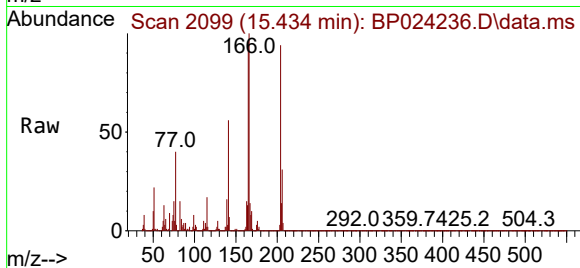




#61
4-Chlorophenyl-phenylether
Concen: 48.938 ng
RT: 15.434 min Scan# 2104
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

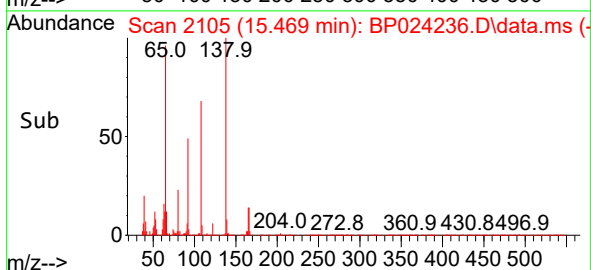
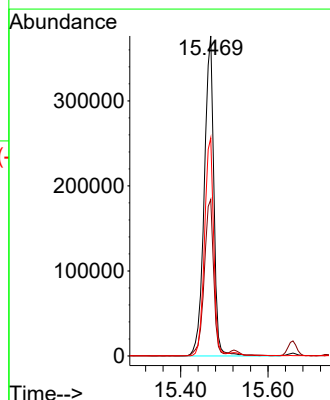
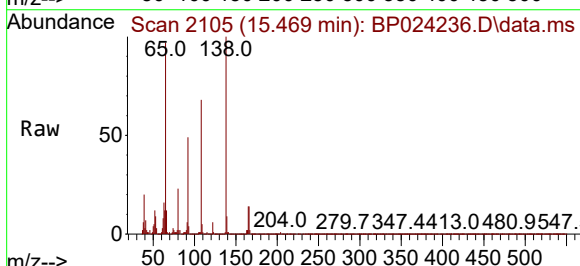
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

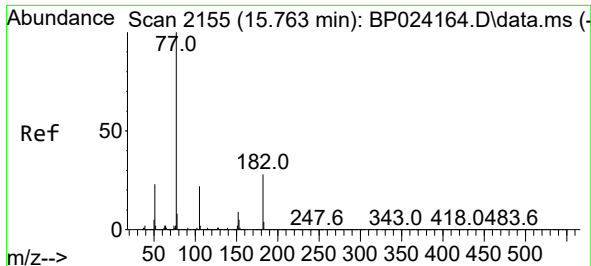
Tgt Ion:204 Resp: 1146055
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 60.0 45.8 68.8



#62
4-Nitroaniline
Concen: 49.924 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.018 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:138 Resp: 576450
Ion Ratio Lower Upper
138 100
92 48.9 28.7 68.7
108 68.2 49.5 89.5



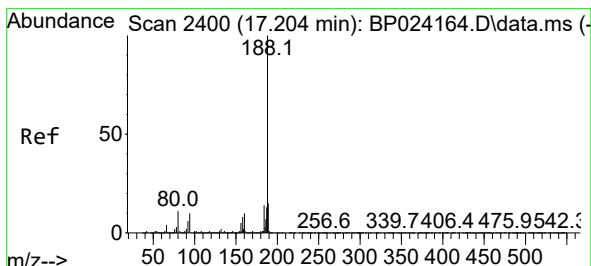
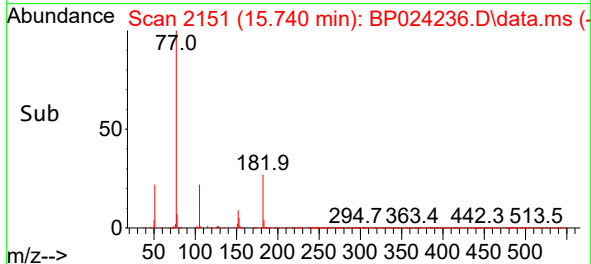
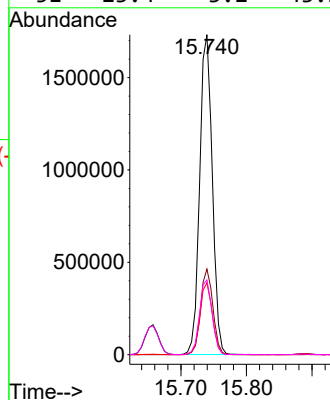
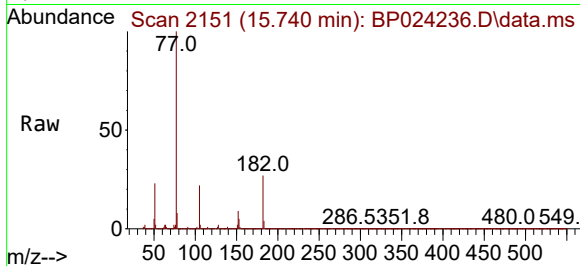


#63
Azobenzene
Concen: 50.990 ng
RT: 15.740 min Scan# 2155
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

Tgt Ion: 77 Resp: 2318516

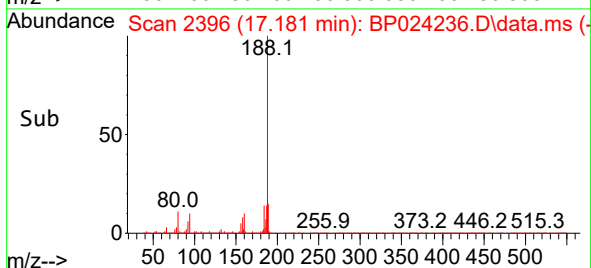
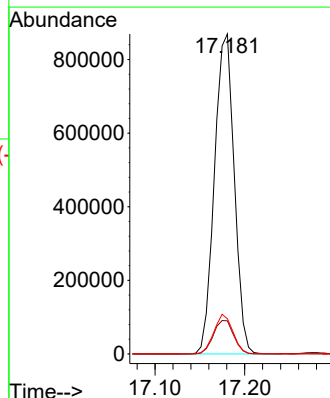
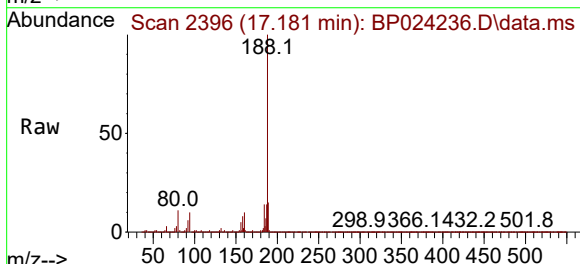
Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.7	47.7
105	22.4	2.3	42.3
51	23.4	3.2	43.2

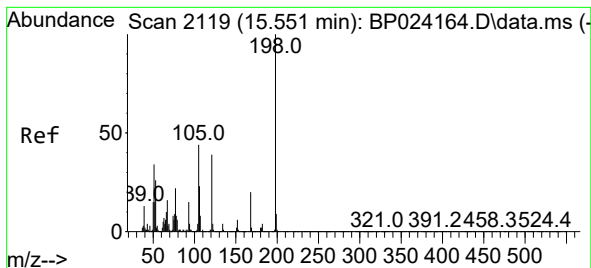


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion: 188 Resp: 1331246

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.0	8.9	13.3

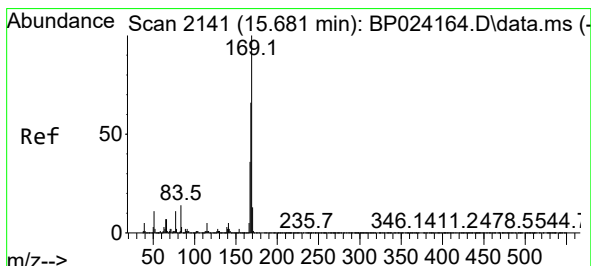
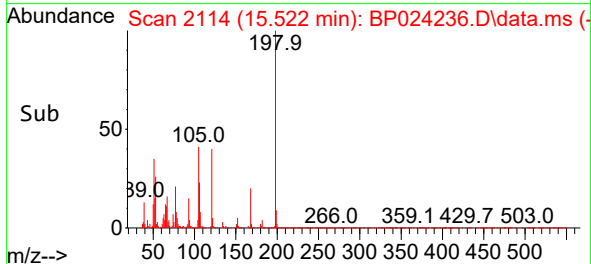
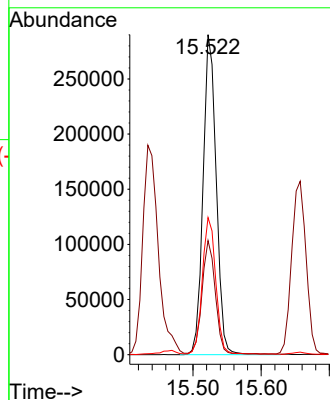
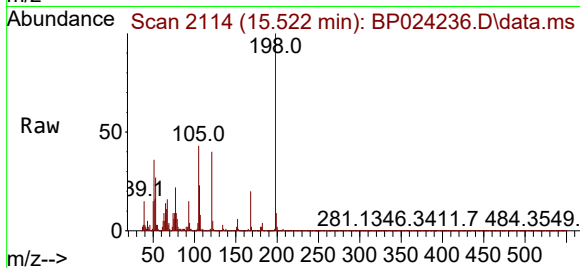




#65
4,6-Dinitro-2-methylphenol
Concen: 49.329 ng
RT: 15.522 min Scan# 2114
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

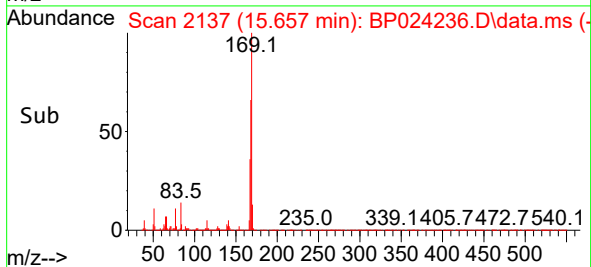
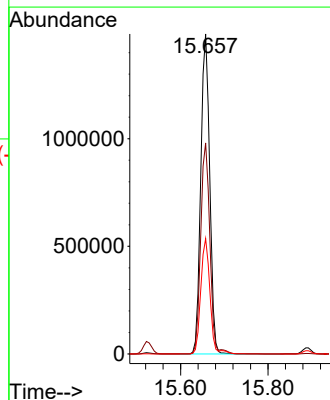
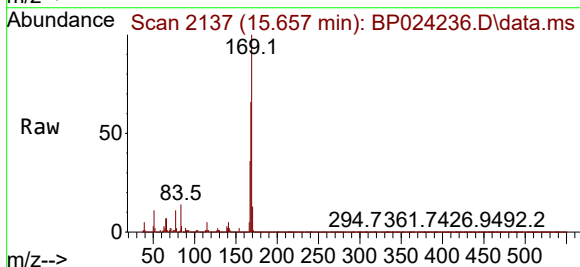
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

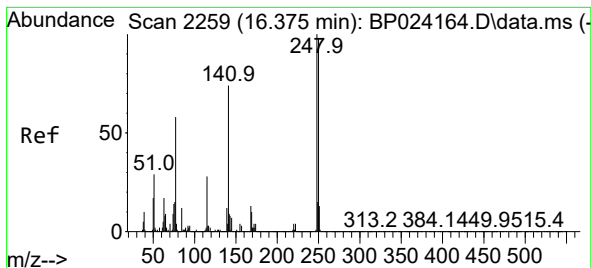
Tgt Ion:198 Resp: 389853
Ion Ratio Lower Upper
198 100
51 35.6 14.7 54.7
105 42.8 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 52.300 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:169 Resp: 2114246
Ion Ratio Lower Upper
169 100
168 66.0 52.9 79.3
167 36.1 28.8 43.2

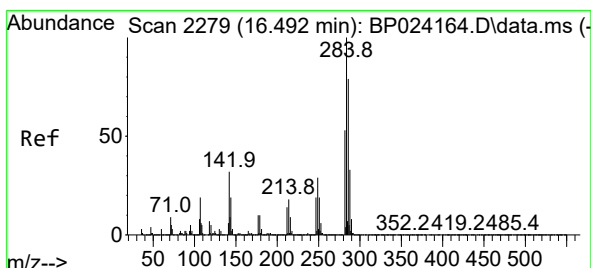
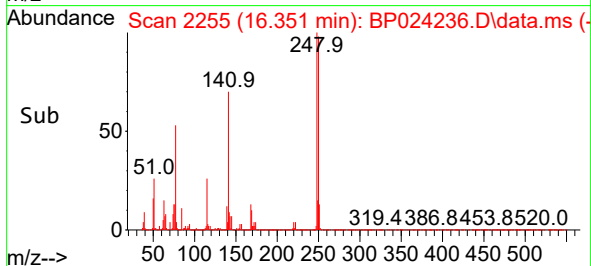
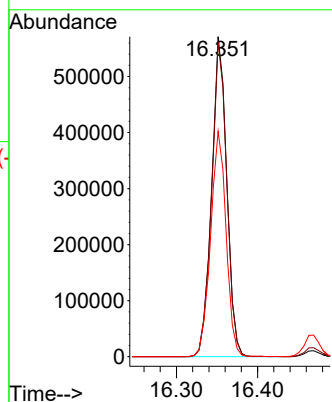
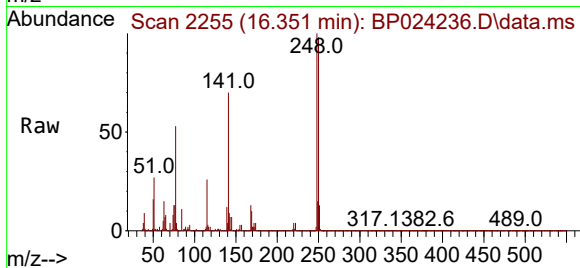




#67
4-Bromophenyl-phenylether
Concen: 50.501 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

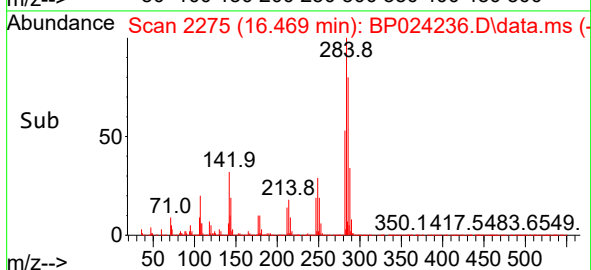
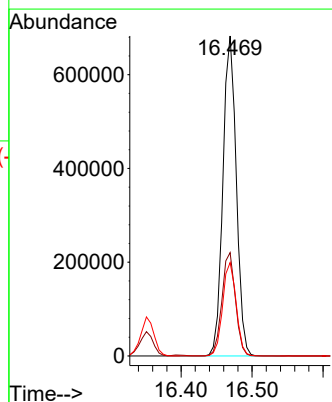
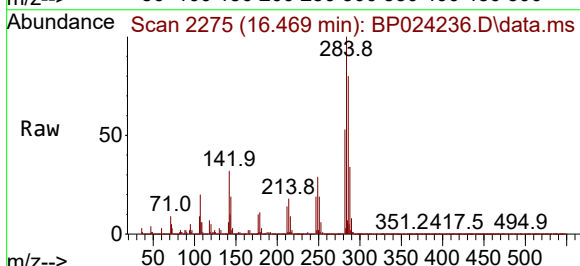
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

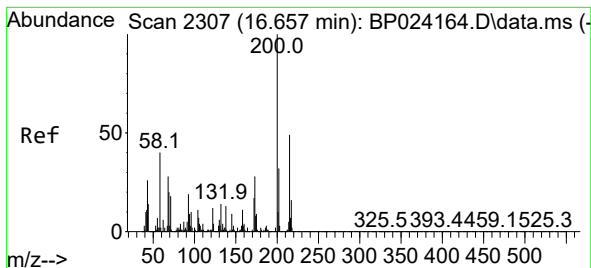
Tgt Ion:248 Resp: 738122
Ion Ratio Lower Upper
248 100
250 98.3 78.4 117.6
141 70.4 59.4 89.0



#68
Hexachlorobenzene
Concen: 51.342 ng
RT: 16.469 min Scan# 2275
Delta R.T. -0.024 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:284 Resp: 888185
Ion Ratio Lower Upper
284 100
142 32.3 25.4 38.2
249 29.2 23.5 35.3





#69

Atrazine

Concen: 74.306 ng

RT: 16.640 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

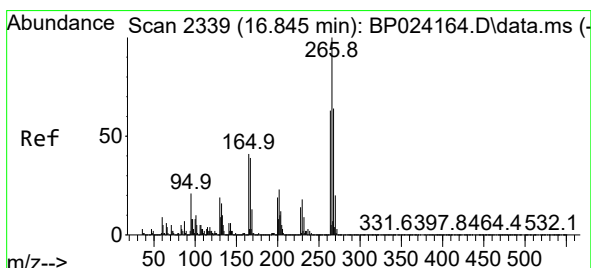
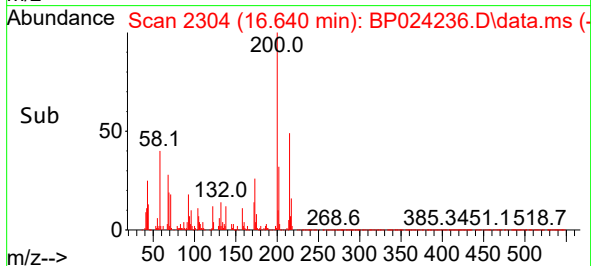
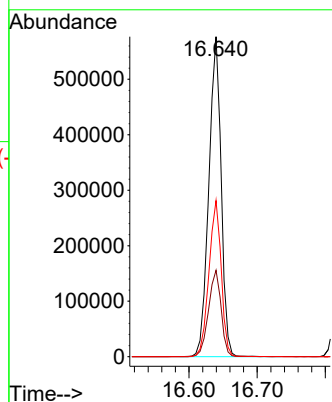
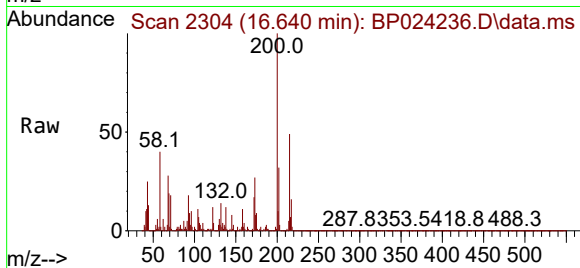
Tgt Ion:200 Resp: 725036

Ion Ratio Lower Upper

200 100

173 27.0 7.6 47.6

215 48.8 29.0 69.0



#70

Pentachlorophenol

Concen: 110.944 ng

RT: 16.822 min Scan# 2335

Delta R.T. -0.023 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

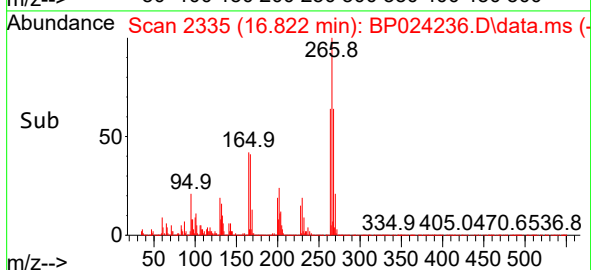
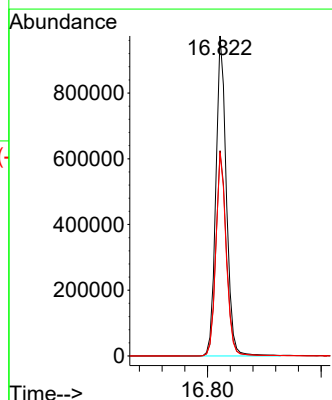
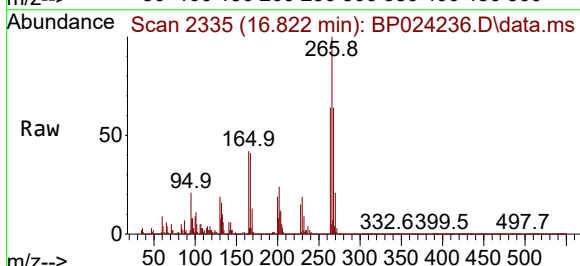
Tgt Ion:266 Resp: 1241155

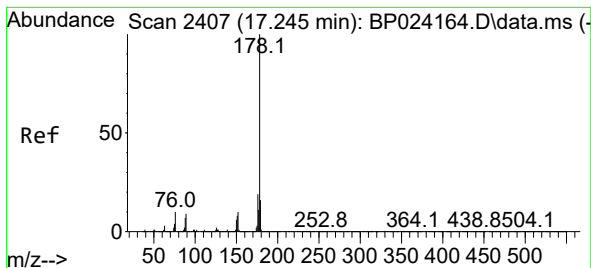
Ion Ratio Lower Upper

266 100

268 64.1 51.3 76.9

264 63.5 50.6 76.0





#71

Phenanthrene

Concen: 50.841 ng

RT: 17.222 min Scan# 2419

Delta R.T. -0.023 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

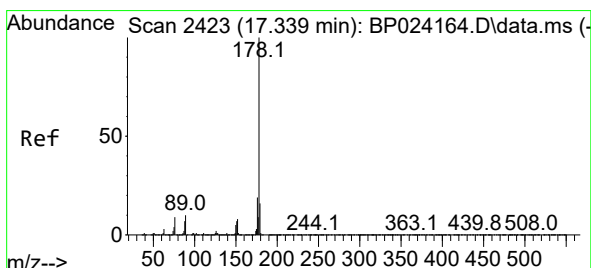
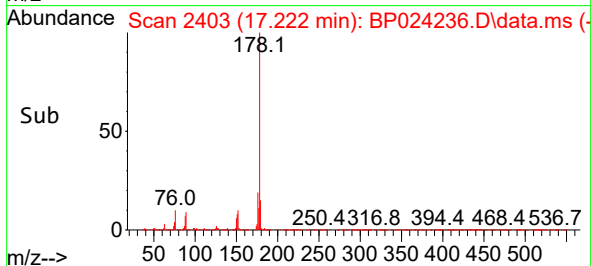
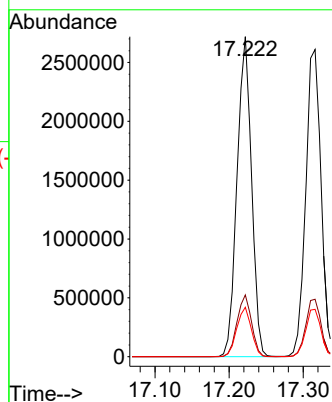
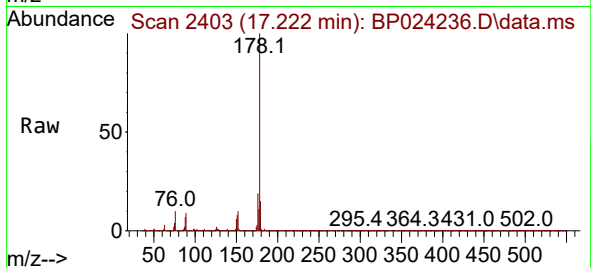
Tgt Ion:178 Resp: 3697430

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.5 12.5 18.7



#72

Anthracene

Concen: 53.024 ng

RT: 17.316 min Scan# 2419

Delta R.T. -0.023 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

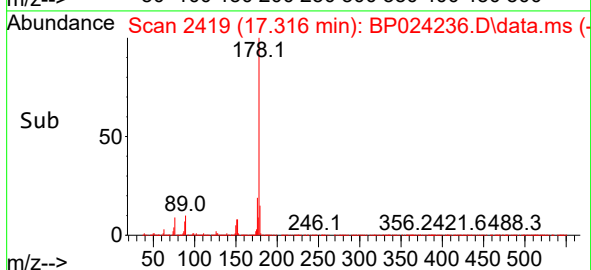
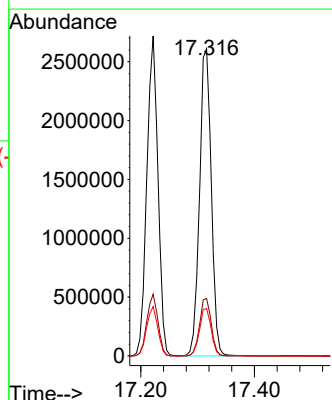
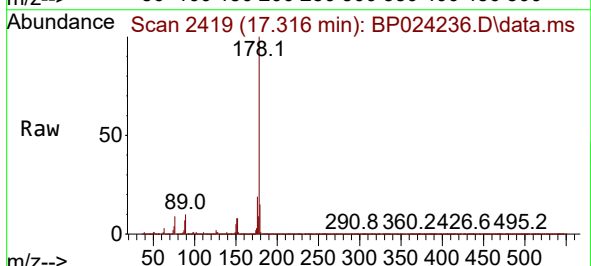
Tgt Ion:178 Resp: 3755803

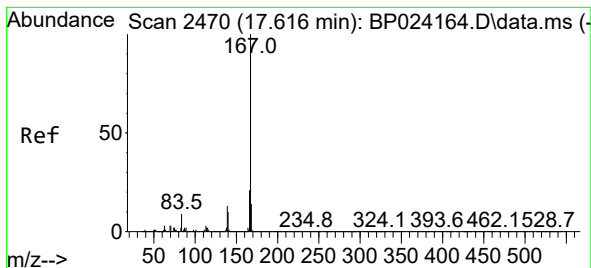
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 15.4 12.6 18.8





#73

Carbazole

Concen: 53.119 ng

RT: 17.592 min Scan# 24

Delta R.T. -0.023 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

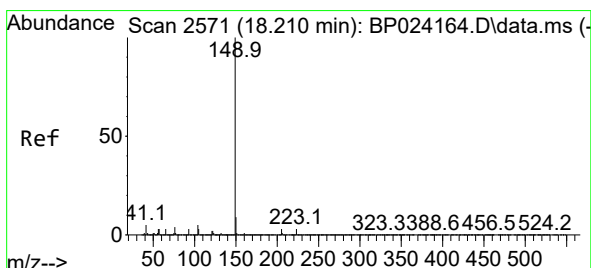
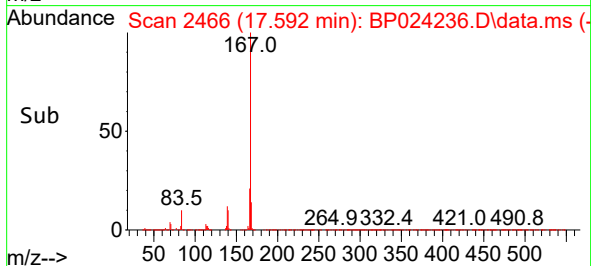
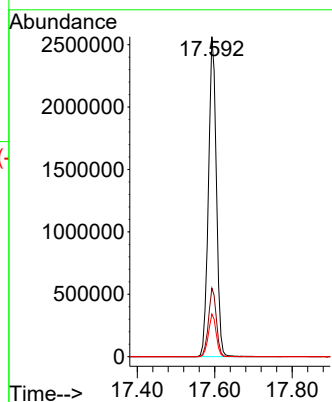
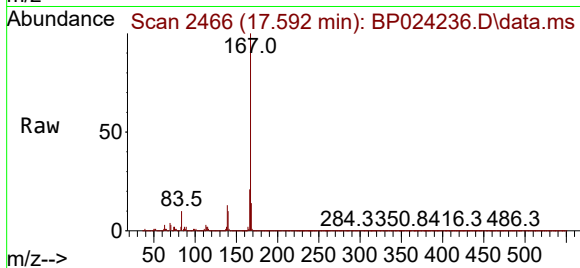
Tgt Ion:167 Resp: 3628458

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 13.3 10.2 15.4



#74

Di-n-butylphthalate

Concen: 52.587 ng

RT: 18.181 min Scan# 2566

Delta R.T. -0.029 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

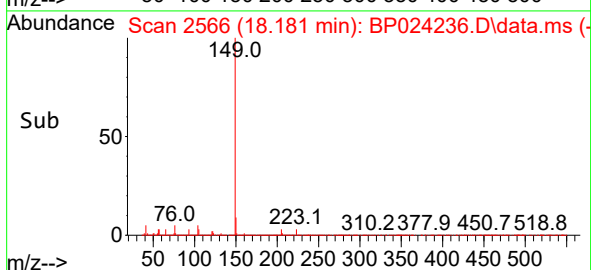
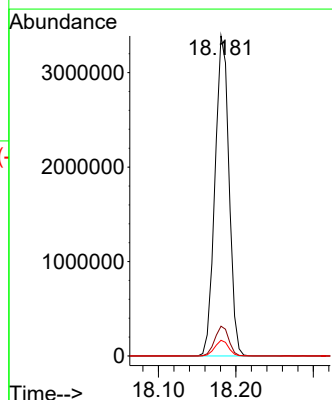
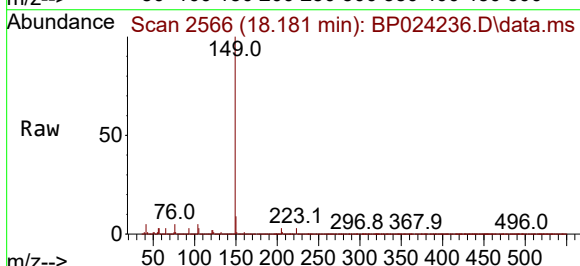
Tgt Ion:149 Resp: 4264277

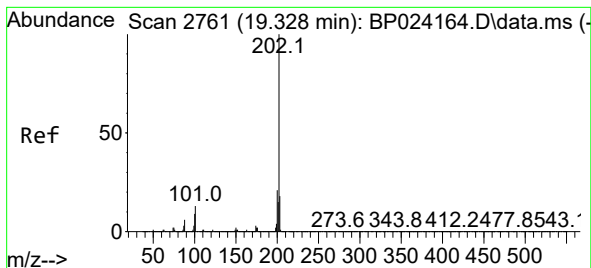
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 51.184 ng

RT: 19.304 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

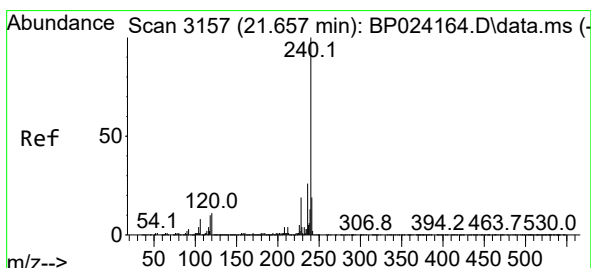
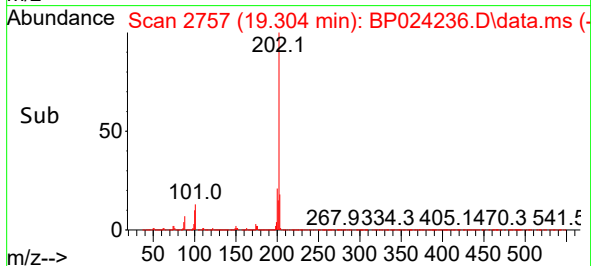
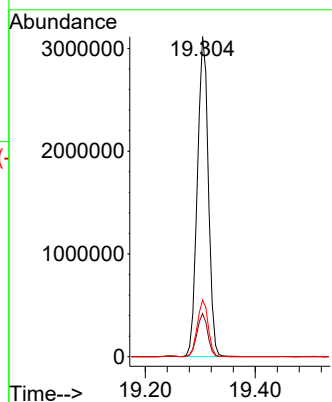
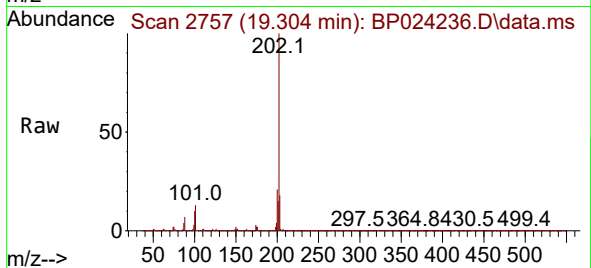
Tgt Ion:202 Resp: 4311157

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.5

203 17.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3153

Delta R.T. -0.023 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

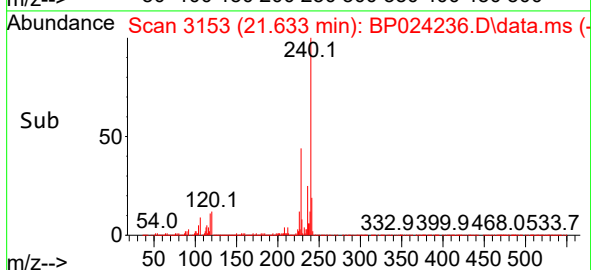
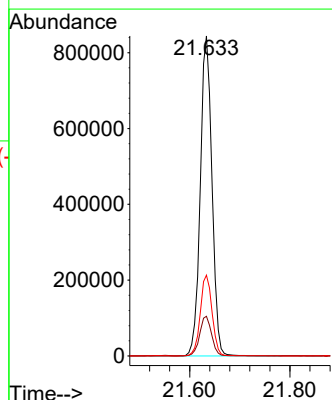
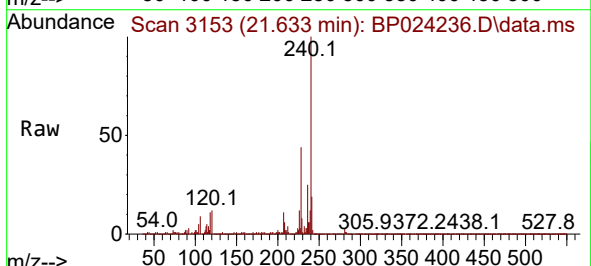
Tgt Ion:240 Resp: 1362100

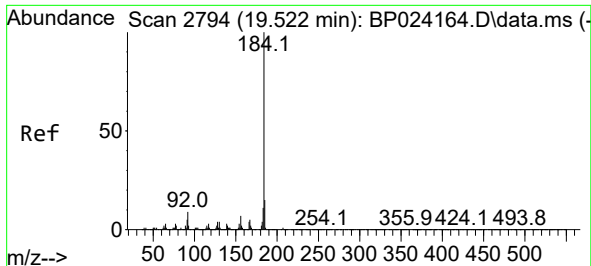
Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

236 25.3 20.4 30.6

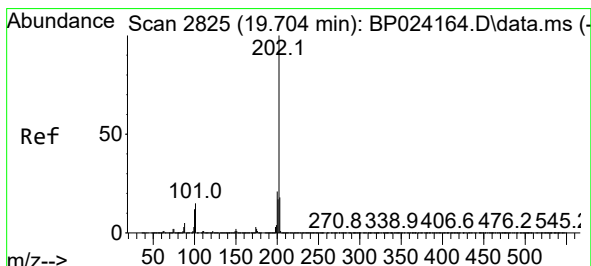
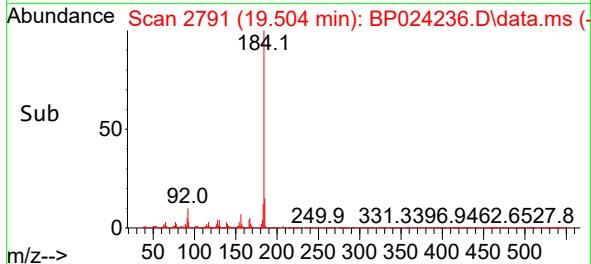
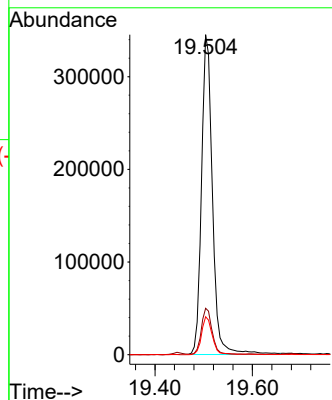
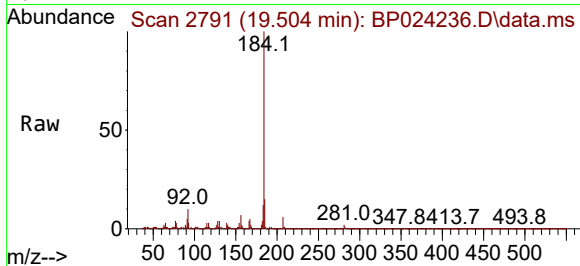




#77
Benzidine
Concen: 36.329 ng
RT: 19.504 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

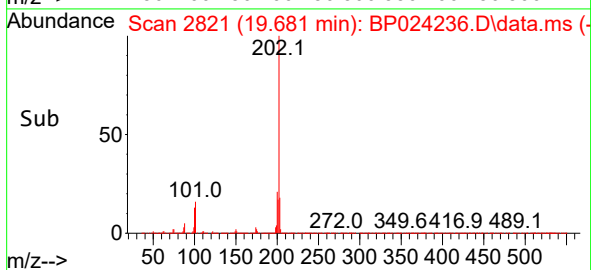
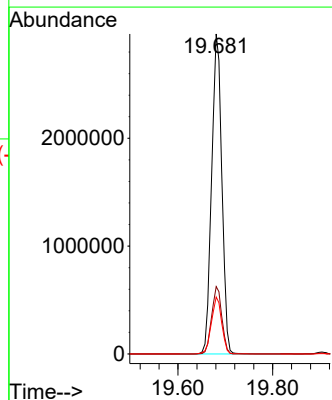
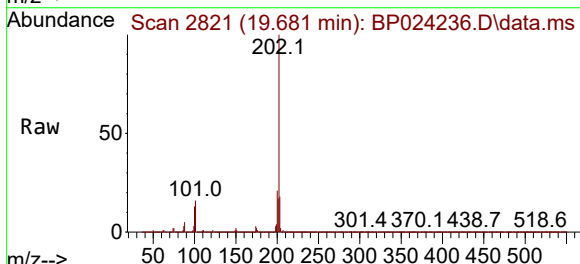
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

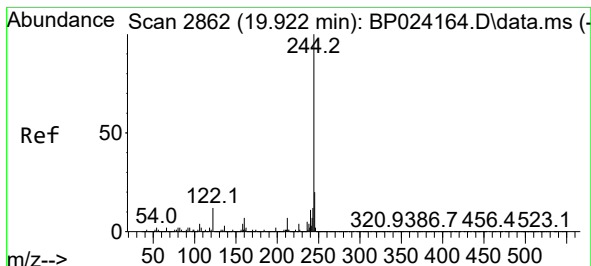
Tgt Ion:184 Resp: 541027
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 11.9 9.1 13.7



#78
Pyrene
Concen: 52.361 ng
RT: 19.681 min Scan# 2821
Delta R.T. -0.023 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:202 Resp: 4433975
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 101.056 ng

RT: 19.904 min Scan# 2859

Delta R.T. -0.018 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

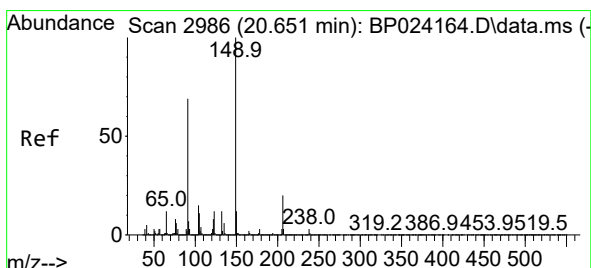
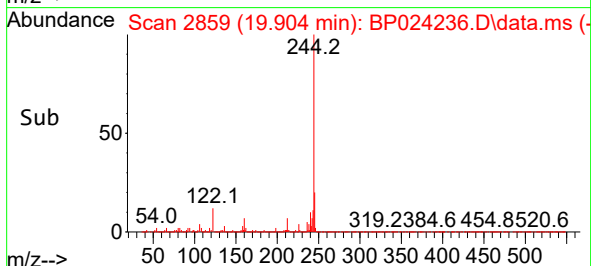
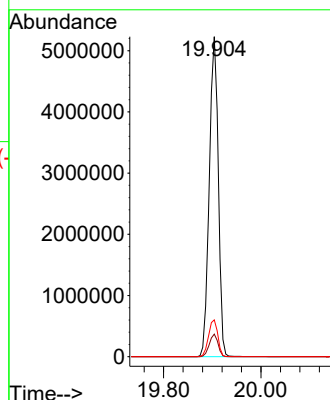
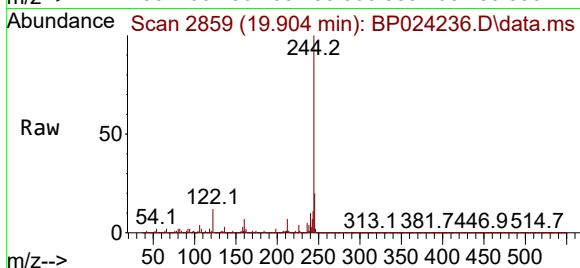
Tgt Ion:244 Resp: 6668256

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.5 9.6 14.4



#80

Butylbenzylphthalate

Concen: 55.824 ng

RT: 20.633 min Scan# 2983

Delta R.T. -0.018 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

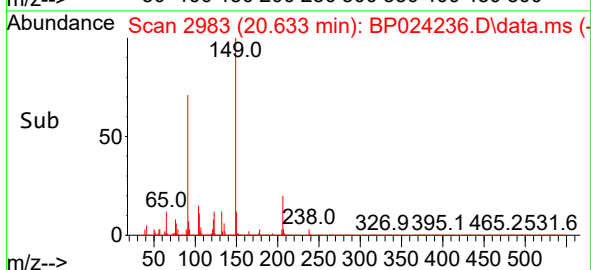
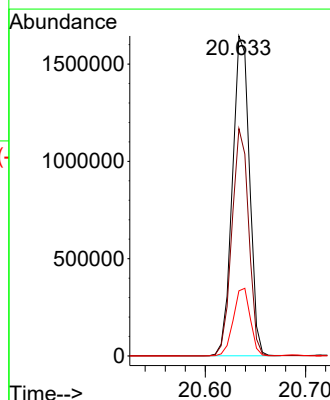
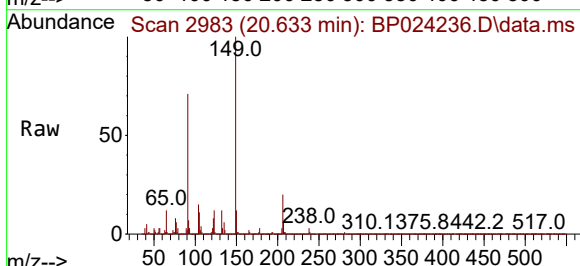
Tgt Ion:149 Resp: 1949408

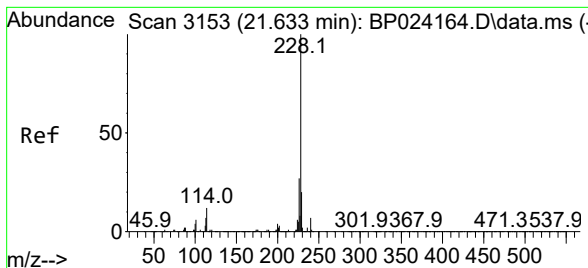
Ion Ratio Lower Upper

149 100

91 71.0 55.3 82.9

206 20.3 16.1 24.1





#81

Benzo(a)anthracene

Concen: 52.040 ng

RT: 21.616 min Scan# 3150

Delta R.T. -0.018 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

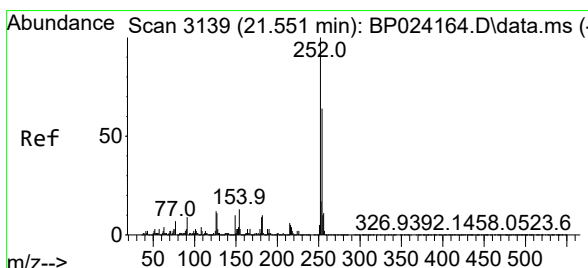
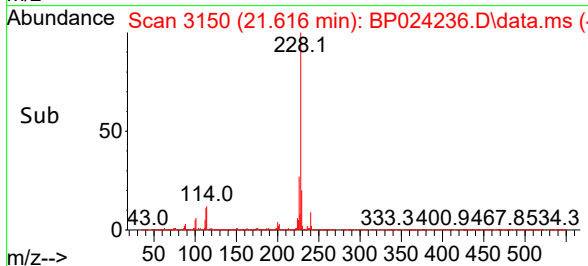
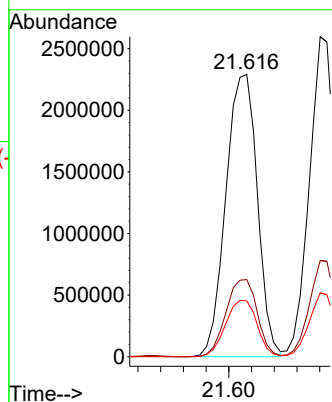
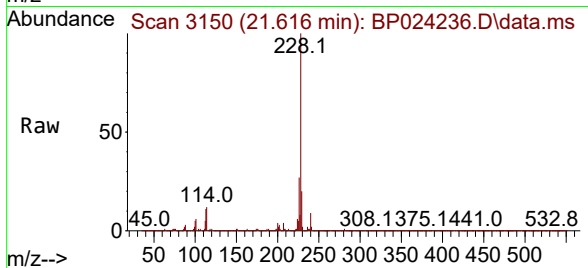
Tgt Ion:228 Resp: 4407048

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 30.526 ng

RT: 21.533 min Scan# 3136

Delta R.T. -0.018 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

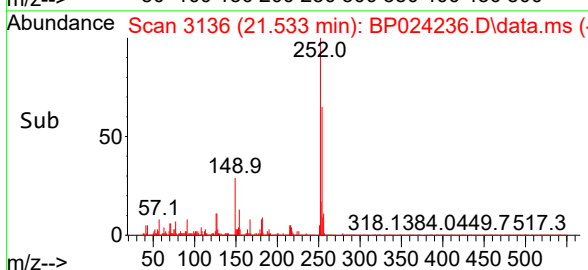
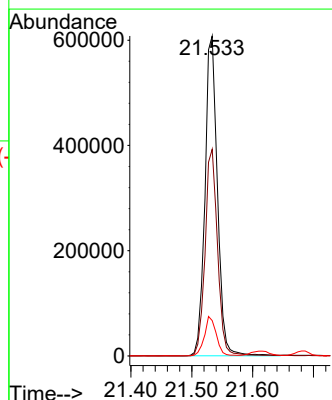
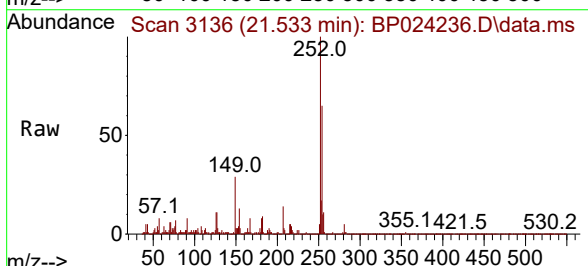
Tgt Ion:252 Resp: 866402

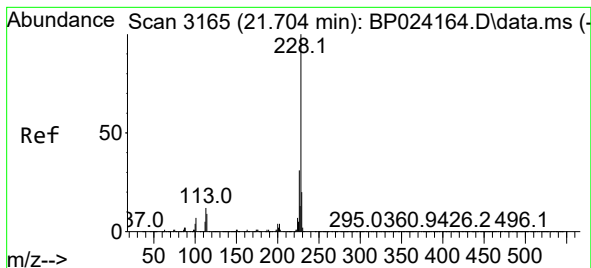
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.2

126 11.1 9.3 13.9





#83

Chrysene

Concen: 51.028 ng

RT: 21.680 min Scan# 3165

Delta R.T. -0.023 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

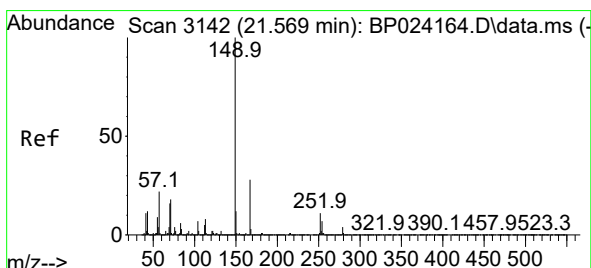
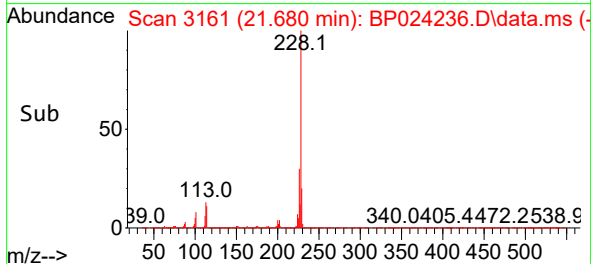
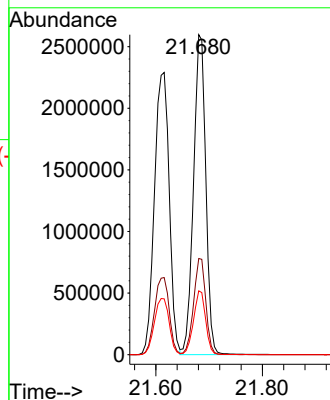
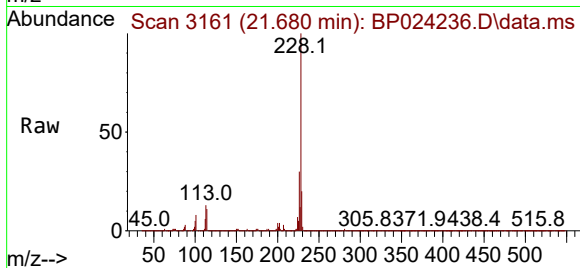
Tgt Ion:228 Resp: 4154155

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 20.0 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.403 ng

RT: 21.551 min Scan# 3139

Delta R.T. -0.018 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

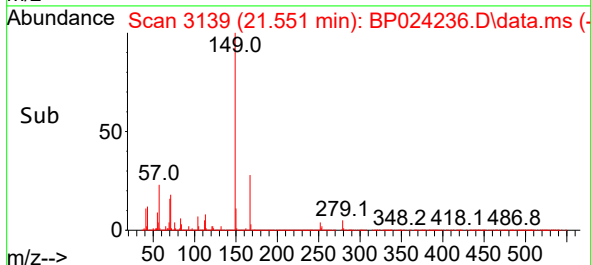
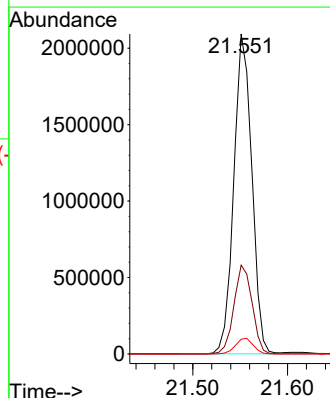
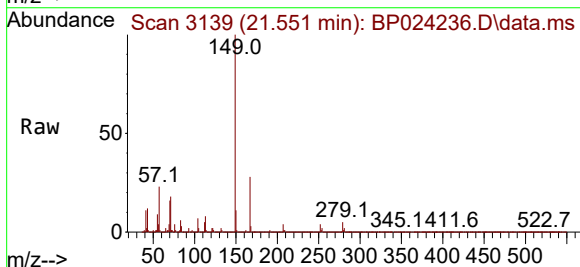
Tgt Ion:149 Resp: 2761242

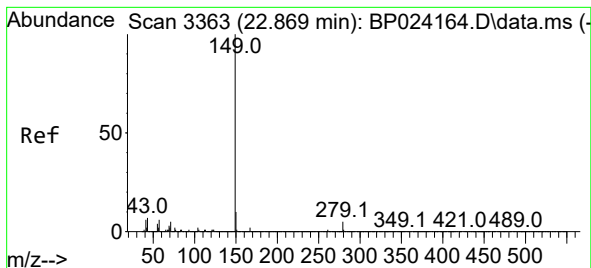
Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 54.249 ng

RT: 22.845 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

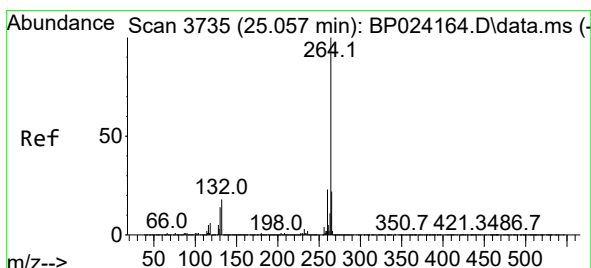
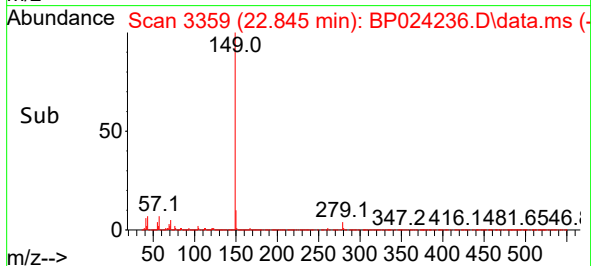
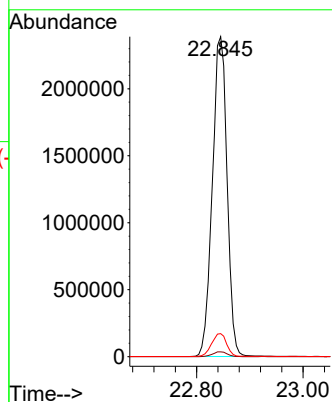
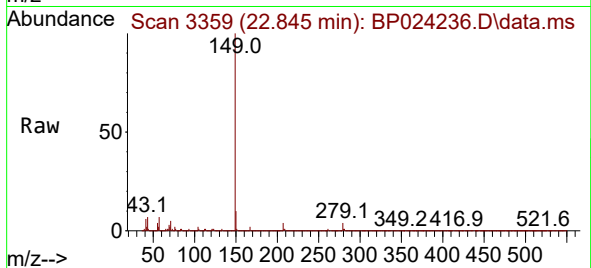
Tgt Ion:149 Resp: 4579940

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 7.3 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3726

Delta R.T. -0.053 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

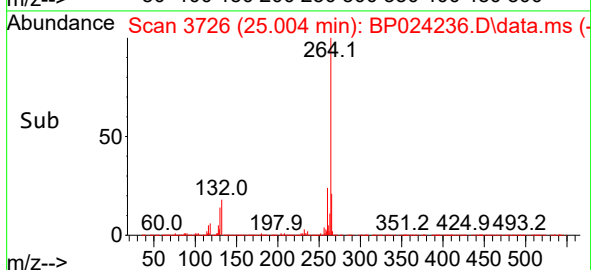
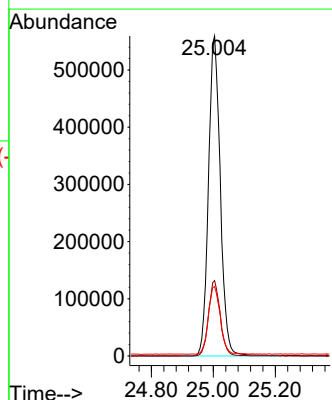
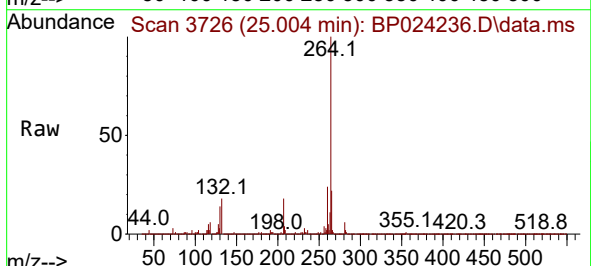
Tgt Ion:264 Resp: 1480737

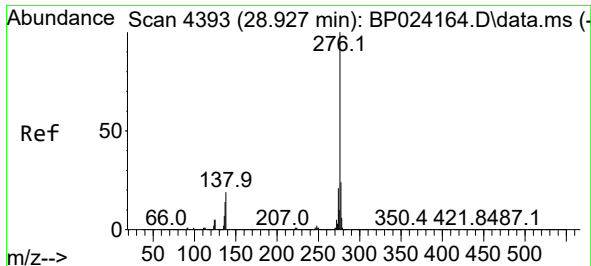
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.7 17.7 26.5

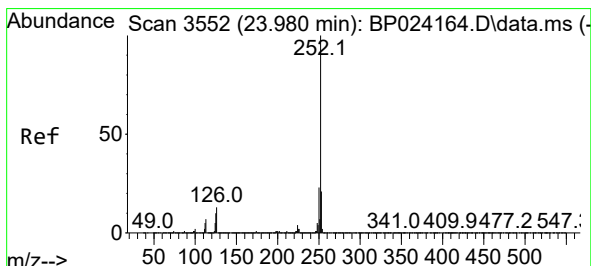
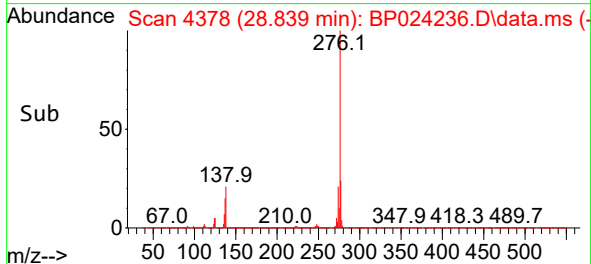
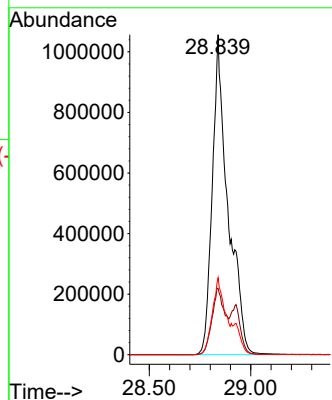
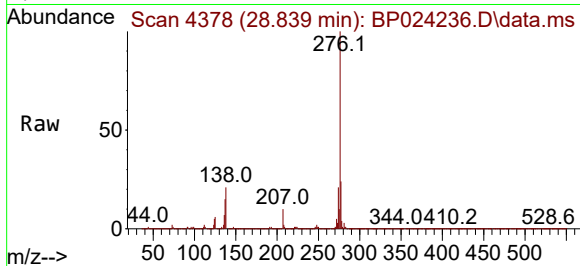




#87
Indeno(1,2,3-cd)pyrene
Concen: 54.717 ng
RT: 28.839 min Scan# 41
Delta R.T. -0.088 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

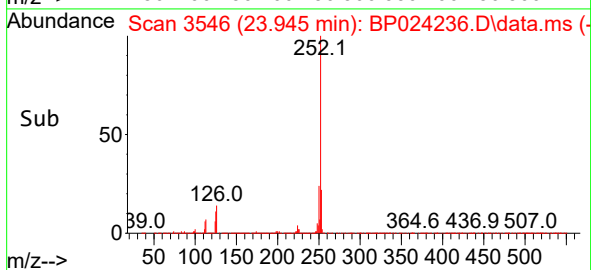
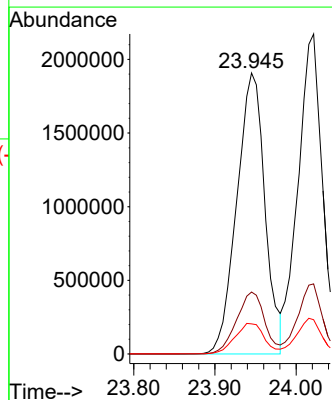
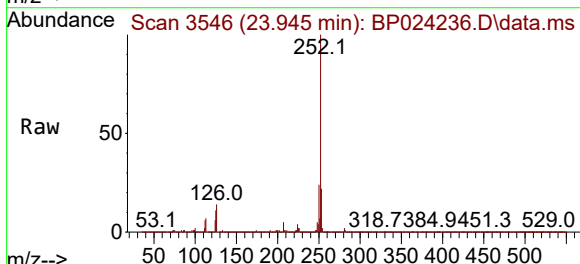
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

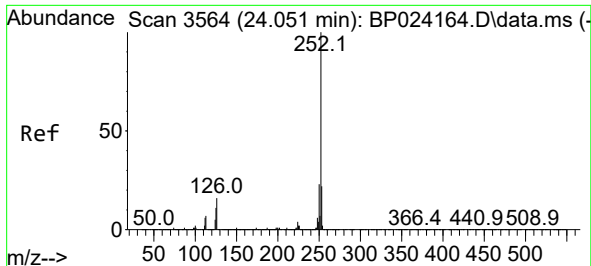
Tgt Ion:276 Resp: 5654627
Ion Ratio Lower Upper
276 100
138 17.3 13.7 20.5
277 19.2 20.2 30.2#



#88
Benzo(b)fluoranthene
Concen: 51.498 ng
RT: 23.945 min Scan# 3546
Delta R.T. -0.035 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:252 Resp: 4597713
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.7 8.2 12.4

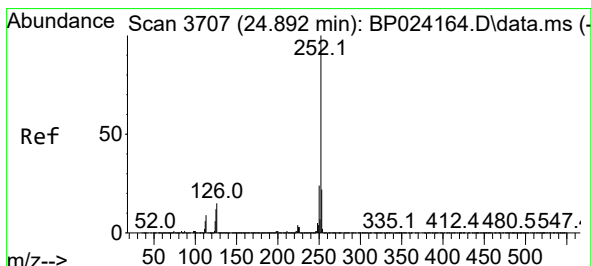
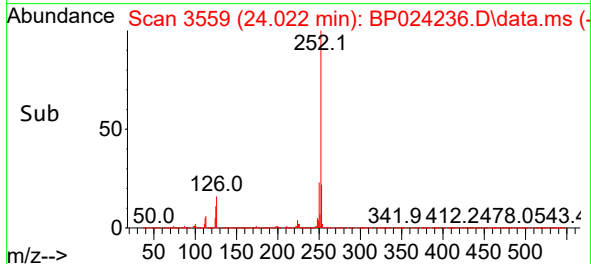
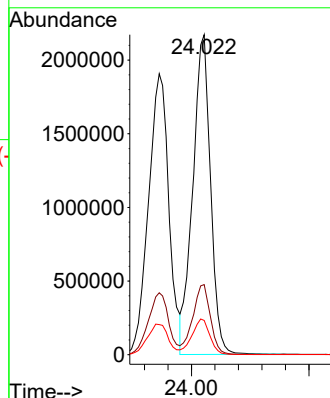
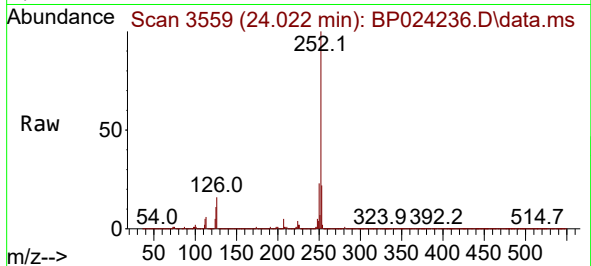




#89
Benzo(k)fluoranthene
Concen: 51.966 ng
RT: 24.022 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

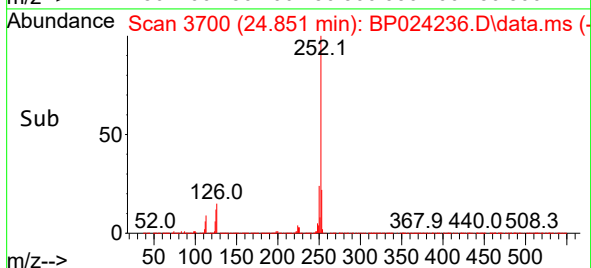
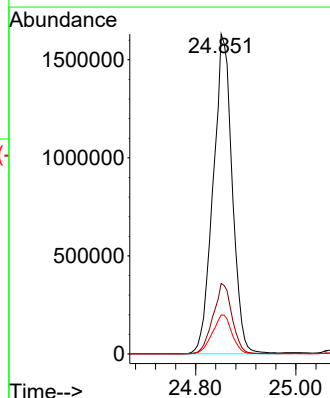
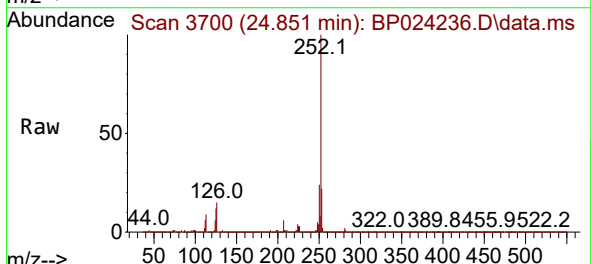
Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

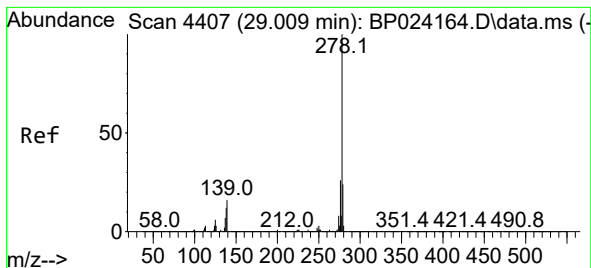
Tgt Ion:252 Resp: 4538279
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.7 9.1 13.7



#90
Benzo(a)pyrene
Concen: 55.388 ng
RT: 24.851 min Scan# 3700
Delta R.T. -0.041 min
Lab File: BP024236.D
Acq: 09 Apr 2025 15:39

Tgt Ion:252 Resp: 4299996
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 12.2 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 54.317 ng

RT: 28.927 min Scan# 41

Delta R.T. -0.082 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Instrument :

BNA_P

ClientSampleId :

Z-05AMSD

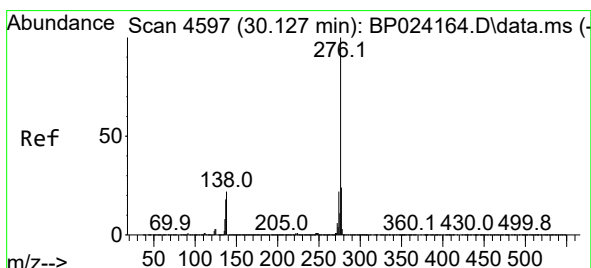
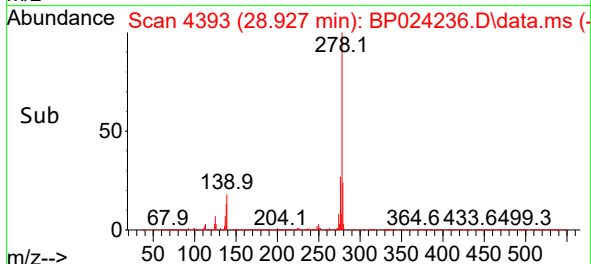
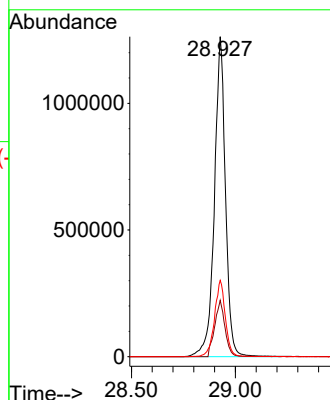
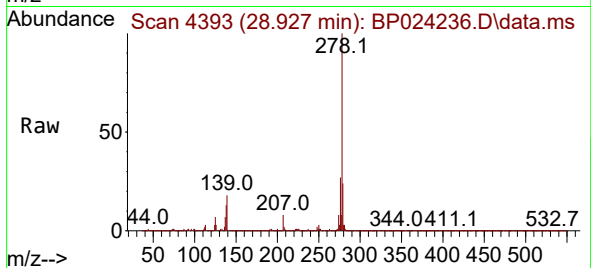
Tgt Ion:278 Resp: 4670019

Ion Ratio Lower Upper

278 100

139 17.6 13.0 19.4

279 23.8 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 52.298 ng

RT: 30.039 min Scan# 4582

Delta R.T. -0.088 min

Lab File: BP024236.D

Acq: 09 Apr 2025 15:39

Tgt Ion:276 Resp: 4570807

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 23.4 17.4 26.2

