

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025184.D
 Acq On : 17 Jul 2025 19:07
 Operator : CG/JU
 Sample : Q2612-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-071525MSD

Quant Time: Jul 18 01:38:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	509464	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2028093	20.000	ng	0.01
39) Acenaphthene-d10	14.107	164	1305082	20.000	ng	0.02
64) Phenanthrene-d10	16.913	188	2661966	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2687613	20.000	ng	0.01
86) Perylene-d12	24.513	264	3811537	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2812389	97.811	ng	0.00
7) Phenol-d6	6.649	99	2984855	79.549	ng	0.02
23) Nitrobenzene-d5	8.578	82	1773030	58.141	ng	0.01
42) 2,4,6-Tribromophenol	15.637	330	1650918	107.082	ng	0.02
45) 2-Fluorobiphenyl	12.701	172	4424877	52.524	ng	0.00
79) Terphenyl-d14	19.689	244	6650894	54.388	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.120	88	438932	39.258	ng	98
3) Pyridine	3.490	79	1250161	40.841	ng	96
4) n-Nitrosodimethylamine	3.402	42	537652	41.483	ng	91
6) Aniline	6.790	93	1357853	38.731	ng	99
8) 2-Chlorophenol	7.019	128	1436092	44.640	ng	98
9) Benzaldehyde	6.596	77	817266	41.706	ng	99
10) Phenol	6.672	94	1603676	42.063	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	1161087	39.571	ng	99
12) 1,3-Dichlorobenzene	7.331	146	1535112	42.636	ng	98
13) 1,4-Dichlorobenzene	7.478	146	1563350	42.886	ng	99
14) 1,2-Dichlorobenzene	7.790	146	1489235	42.468	ng	99
15) Benzyl Alcohol	7.684	79	1101977	44.002	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1447479	37.939	ng	96
17) 2-Methylphenol	7.884	107	1126302	45.861	ng	99
18) Hexachloroethane	8.502	117	531894	44.790	ng	97
19) n-Nitroso-di-n-propyla...	8.243	70	879233	39.511	ng	96
20) 3+4-Methylphenols	8.207	107	1527789	44.413	ng	98
22) Acetophenone	8.249	105	1913338	39.891	ng	98
24) Nitrobenzene	8.613	77	1316047	42.368	ng	96
25) Isophorone	9.143	82	2522659	44.265	ng	99
26) 2-Nitrophenol	9.313	139	769456	50.838	ng	99
27) 2,4-Dimethylphenol	9.390	122	1313839	61.802	ng	99
28) bis(2-Chloroethoxy)met...	9.631	93	1595554	41.233	ng	99
29) 2,4-Dichlorophenol	9.854	162	1388307	47.096	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	1444176	44.240	ng	99
31) Naphthalene	10.249	128	4235027	40.553	ng	100
32) Benzoic acid	9.554	122	1101636	51.370	ng	99
33) 4-Chloroaniline	10.354	127	1052280	27.001	ng	98
34) Hexachlorobutadiene	10.543	225	887605	47.381	ng	100
35) Caprolactam	11.143	113	282410	28.005	ng	93
36) 4-Chloro-3-methylphenol	11.501	107	1385601	44.980	ng	99
37) 2-Methylnaphthalene	11.866	142	2785160	37.799	ng	100
38) 1-Methylnaphthalene	12.096	142	2898763	40.338	ng	99
40) 1,2,4,5-Tetrachloroben...	12.248	216	1656938	44.176	ng	99
41) Hexachlorocyclopentadiene	12.231	237	1321137	134.848	ng	98
43) 2,4,6-Trichlorophenol	12.501	196	1169445	51.491	ng	100

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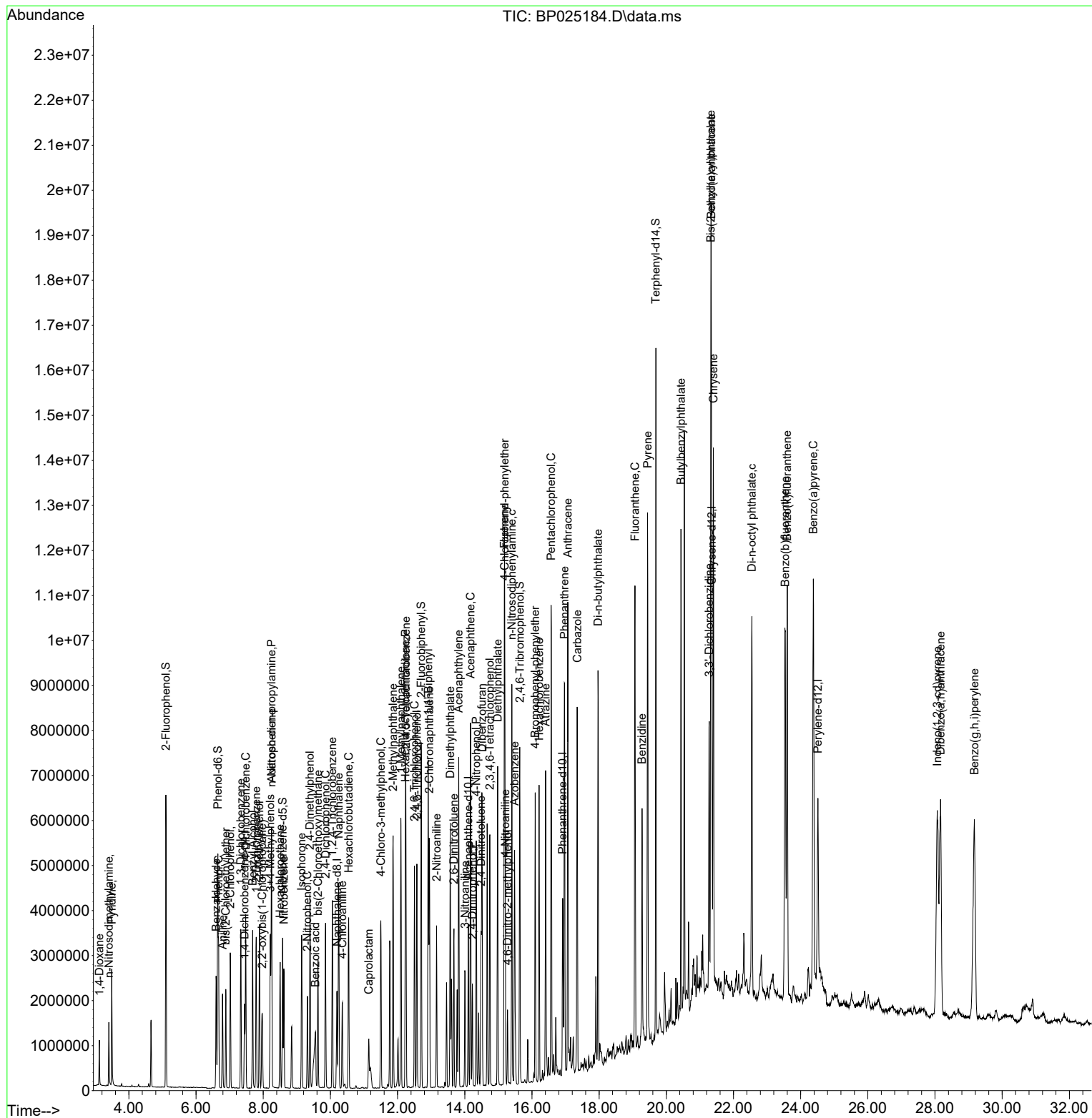
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44) 2,4,5-Trichlorophenol	12.572	196	1284303	49.897	ng	98
46) 1,1'-Biphenyl	12.913	154	3982136	41.936	ng	99
47) 2-Chloronaphthalene	12.943	162	3138820	43.980	ng	99
48) 2-Nitroaniline	13.160	65	803471	46.075	ng	95
49) Acenaphthylene	13.819	152	5223760	47.822	ng	100
50) Dimethylphthalate	13.566	163	3848277	42.124	ng	99
51) 2,6-Dinitrotoluene	13.678	165	848920	47.646	ng	95
52) Acenaphthene	14.172	154	2917778	41.443	ng	99
53) 3-Nitroaniline	14.007	138	722685	37.848	ng	99
54) 2,4-Dinitrophenol	14.225	184	531131	62.275	ng	95
55) Dibenzofuran	14.513	168	4678341	40.264	ng	99
56) 4-Nitrophenol	14.342	139	1691329	95.983	ng	95
57) 2,4-Dinitrotoluene	14.484	165	1223447	46.854	ng	# 93
58) Fluorene	15.178	166	3839448	42.722	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.748	232	1155651	49.581	ng	96
60) Diethylphthalate	14.978	149	3885885	42.350	ng	99
61) 4-Chlorophenyl-phenyle...	15.189	204	1901713	42.759	ng	98
62) 4-Nitroaniline	15.207	138	906337	45.267	ng	99
63) Azobenzene	15.484	77	3498581	42.819	ng	95
65) 4,6-Dinitro-2-methylph...	15.272	198	376961	33.081	ng	96
66) n-Nitrosodiphenylamine	15.401	169	3323011	43.620	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	1301658	47.757	ng	99
68) Hexachlorobenzene	16.213	284	1566465	47.021	ng	97
69) Atrazine	16.407	200	1243106	55.686	ng	99
70) Pentachlorophenol	16.572	266	2243009	99.695	ng	99
71) Phenanthrene	16.972	178	6219759	43.727	ng	99
72) Anthracene	17.066	178	6193334	45.385	ng	100
73) Carbazole	17.348	167	5764286	43.203	ng	99
74) Di-n-butylphthalate	17.966	149	7008215	47.168	ng	99
75) Fluoranthene	19.066	202	7707826	46.359	ng	100
77) Benzidine	19.278	184	3088270	65.061	ng	98
78) Pyrene	19.442	202	8498286	51.051	ng	99
80) Butylbenzylphthalate	20.436	149	3231331	50.200	ng	99
81) Benzo(a)anthracene	21.336	228	7770350	47.708	ng	99
82) 3,3'-Dichlorobenzidine	21.277	252	2344170	47.810	ng	100
83) Chrysene	21.401	228	7520800	47.983	ng	99
84) Bis(2-ethylhexyl)phtha...	21.324	149	4577173	52.392	ng	99
85) Di-n-octyl phthalate	22.548	149	8067243	50.060	ng	97
87) Indeno(1,2,3-cd)pyrene	28.065	276	9307170	38.330	ng	95
88) Benzo(b)fluoranthene	23.542	252	8463299	38.149	ng	99
89) Benzo(k)fluoranthene	23.601	252	8014882	36.309	ng	99
90) Benzo(a)pyrene	24.377	252	9299741	49.253	ng	99
91) Dibenzo(a,h)anthracene	28.165	278	8307566	41.391	ng	97
92) Benzo(g,h,i)perylene	29.171	276	8469173	40.846	ng	98

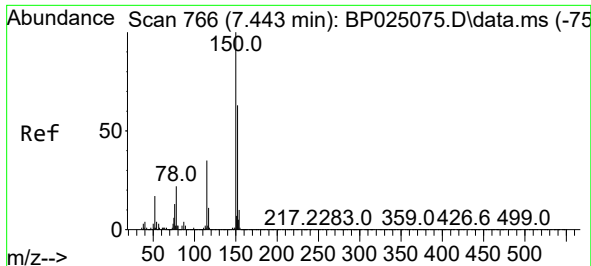
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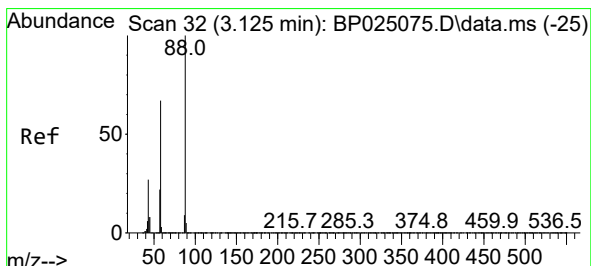
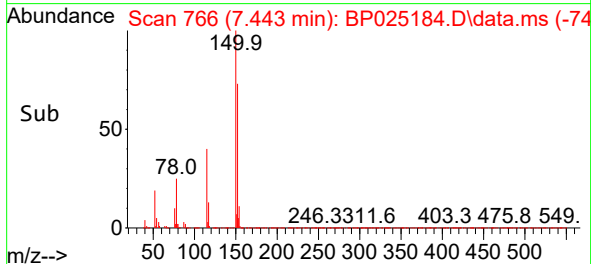
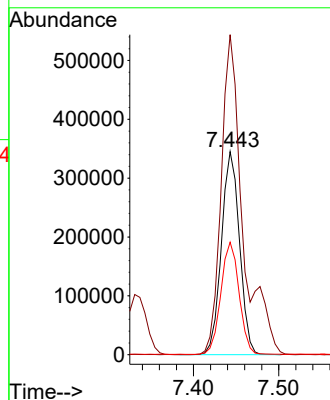
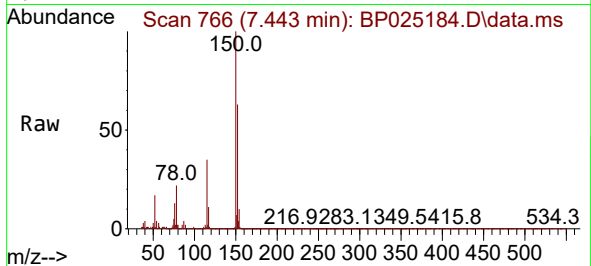




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BP025184.D
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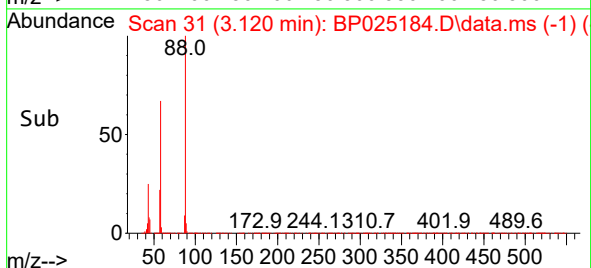
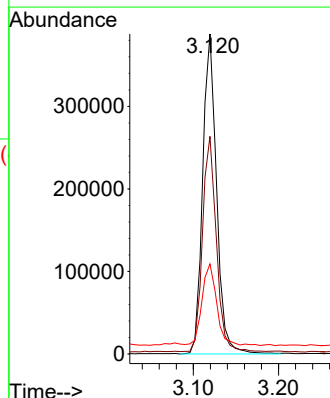
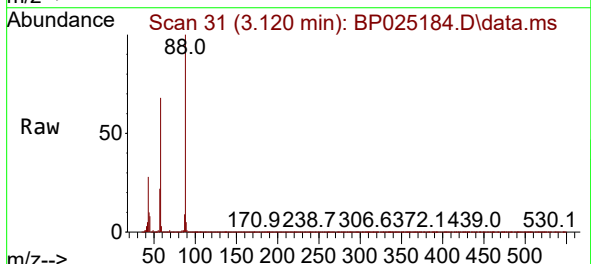
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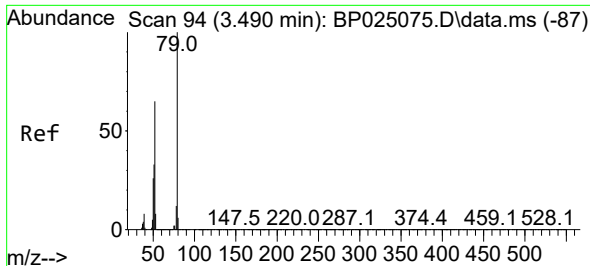
Tgt Ion:152 Resp: 509464
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.1 189.1
 115 55.4 44.3 66.5



#2
 1,4-Dioxane
 Concen: 39.258 ng
 RT: 3.120 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP025184.D
 Acq: 17 Jul 2025 19:07

Tgt Ion: 88 Resp: 438932
 Ion Ratio Lower Upper
 88 100
 58 66.7 55.0 82.4
 43 27.1 21.9 32.9

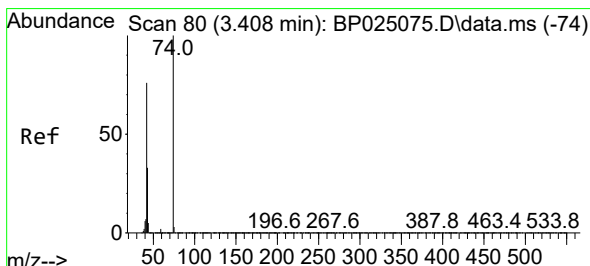
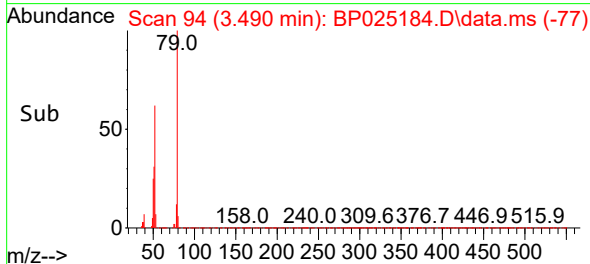
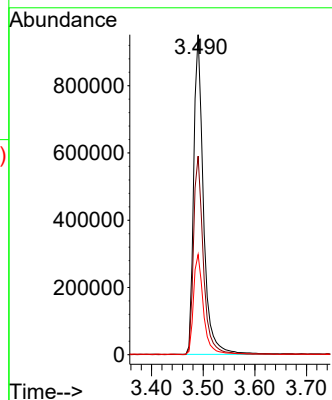
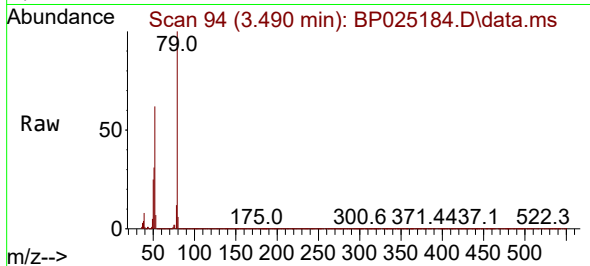




#3
 Pyridine
 Concen: 40.841 ng
 RT: 3.490 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: BP025184.D
 Acq: 17 Jul 2025 19:07

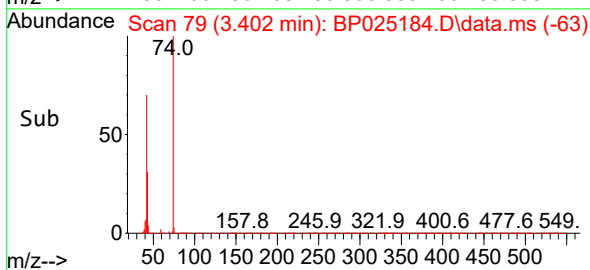
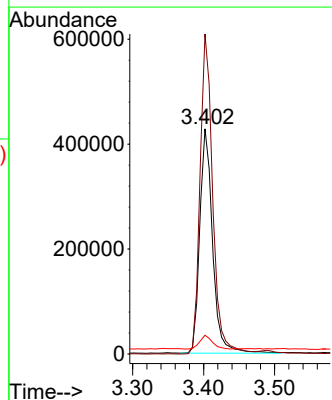
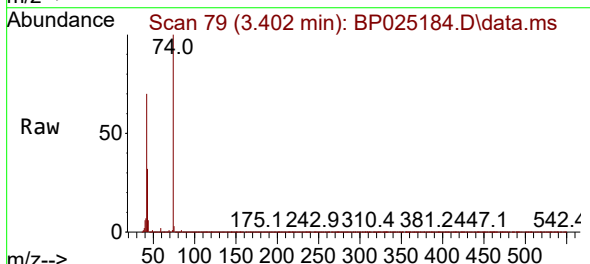
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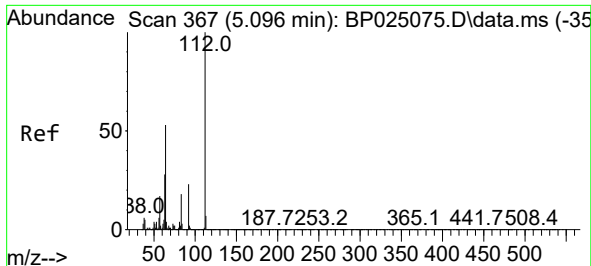
Tgt Ion: 79 Resp: 1250161
 Ion Ratio Lower Upper
 79 100
 52 62.0 52.2 78.4
 51 31.3 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 41.483 ng
 RT: 3.402 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BP025184.D
 Acq: 17 Jul 2025 19:07

Tgt Ion: 42 Resp: 537652
 Ion Ratio Lower Upper
 42 100
 74 142.1 105.2 157.8
 44 8.3 6.6 9.8

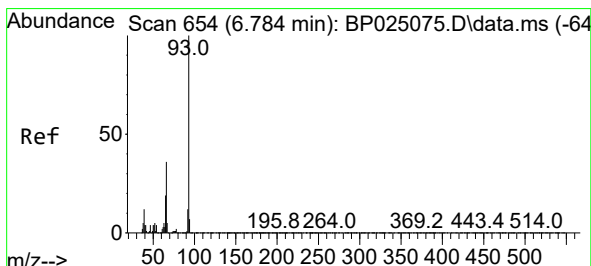
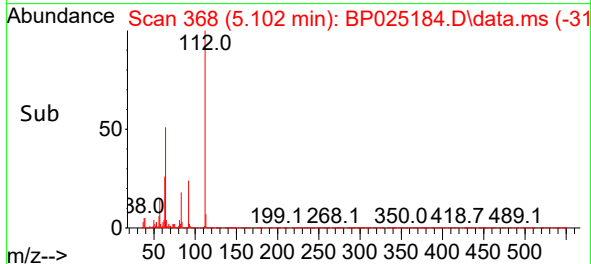
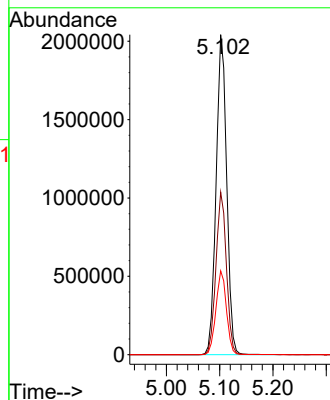
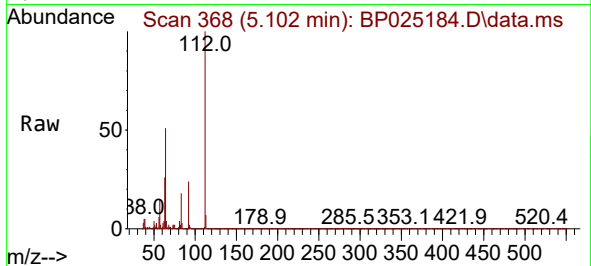




#5
2-Fluorophenol
Concen: 97.811 ng
RT: 5.102 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

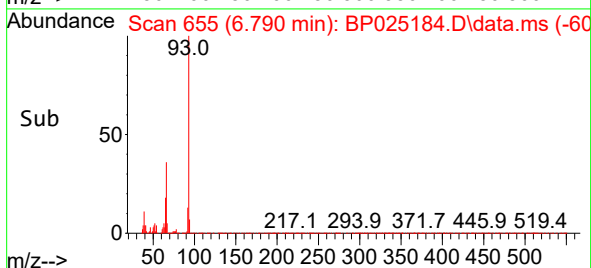
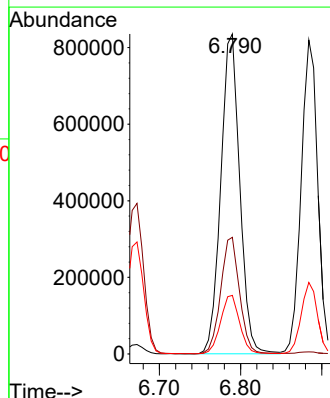
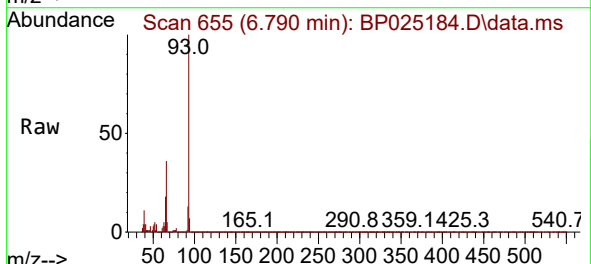
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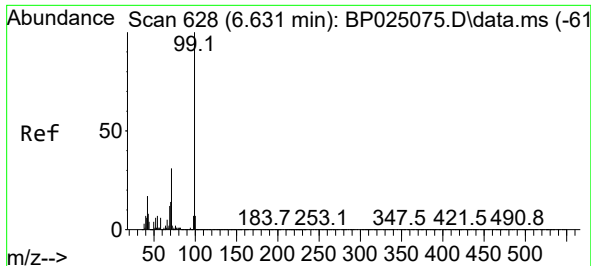
Tgt Ion:112 Resp: 2812389
Ion Ratio Lower Upper
112 100
64 50.8 42.0 63.0
63 26.2 22.2 33.2



#6
Aniline
Concen: 38.731 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion: 93 Resp: 1357853
Ion Ratio Lower Upper
93 100
66 36.4 28.9 43.3
65 18.3 15.2 22.8

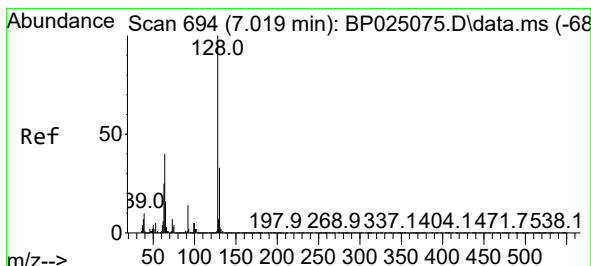
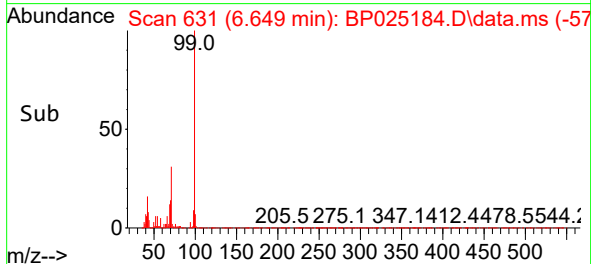
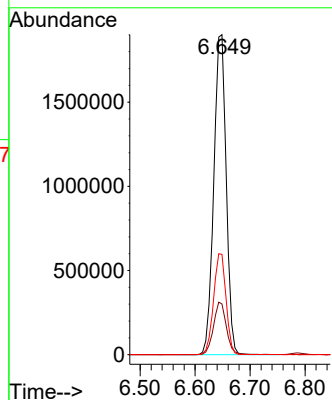
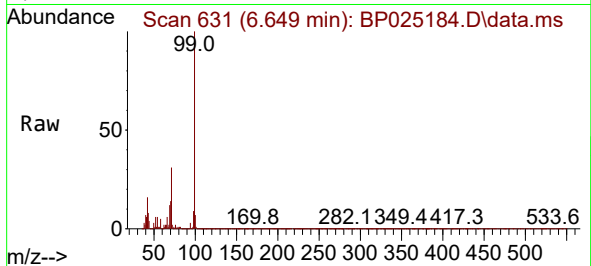




#7
Phenol-d6
Concen: 79.549 ng
RT: 6.649 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP025184.D
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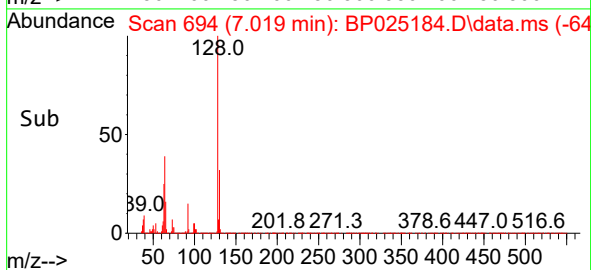
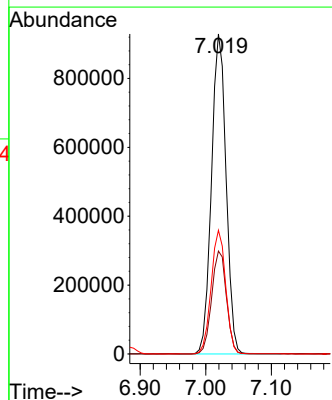
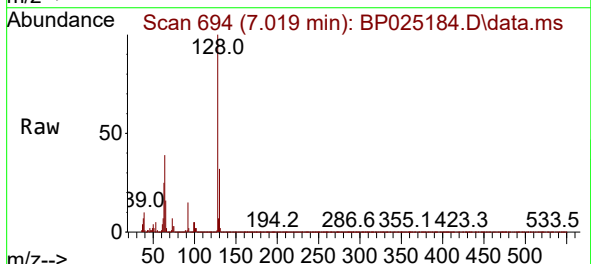
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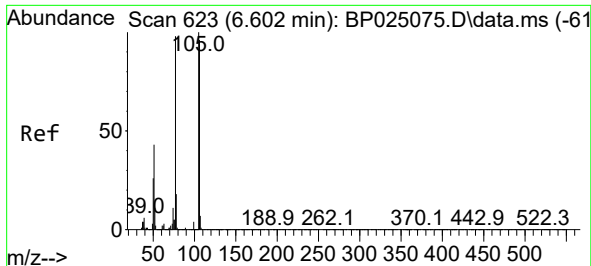
Tgt Ion: 99 Resp: 2984855
Ion Ratio Lower Upper
99 100
42 15.9 13.6 20.4
71 31.3 24.4 36.6



#8
2-Chlorophenol
Concen: 44.640 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion: 128 Resp: 1436092
Ion Ratio Lower Upper
128 100
130 32.1 12.9 52.9
64 38.7 20.3 60.3

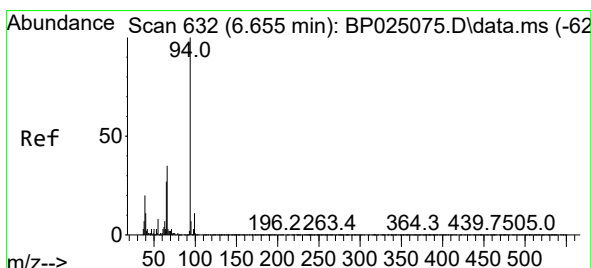
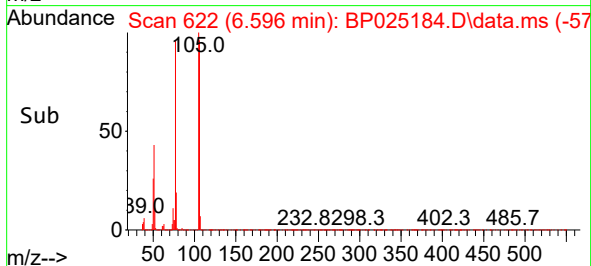
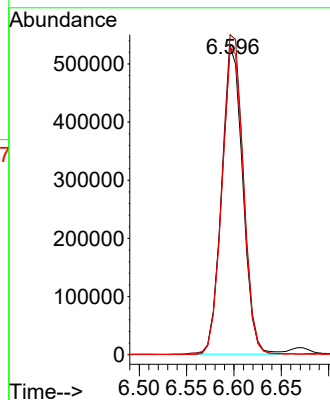
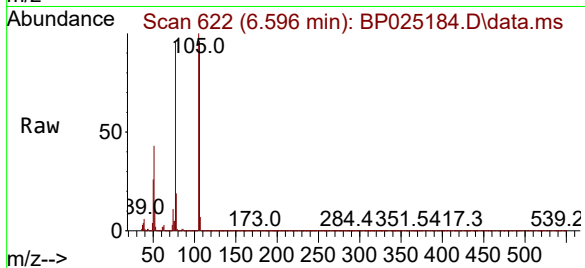




#9
Benzaldehyde
Concen: 41.706 ng
RT: 6.596 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025184.D
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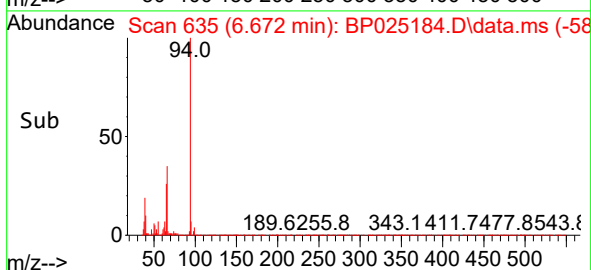
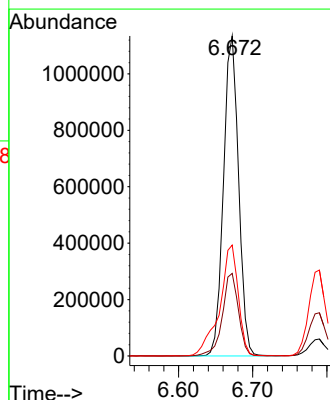
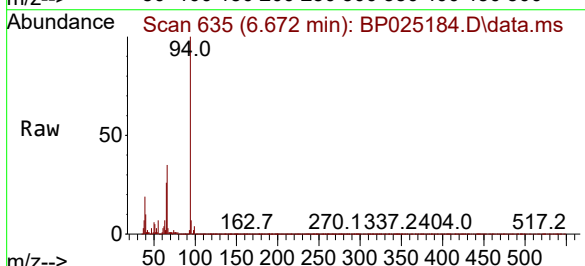
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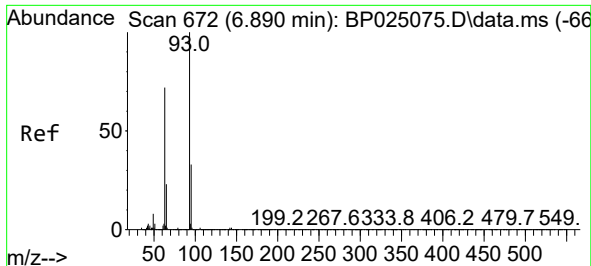
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Ion Ratio Lower Upper
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105 103.8 82.4 122.4
106 99.8 78.3 118.3



#10
Phenol
Concen: 42.063 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion: 94 Resp: 1603676
Ion Ratio Lower Upper
94 100
65 25.8 6.9 46.9
66 34.7 14.6 54.6

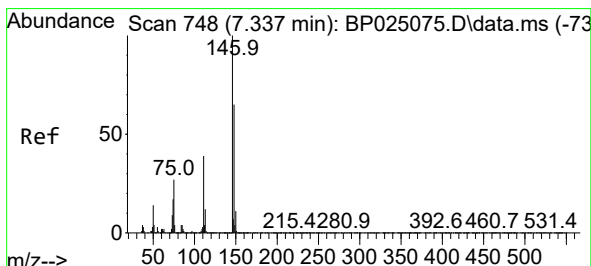
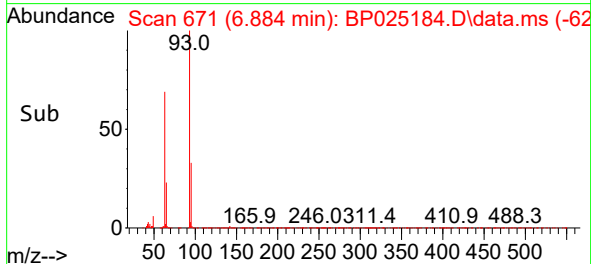
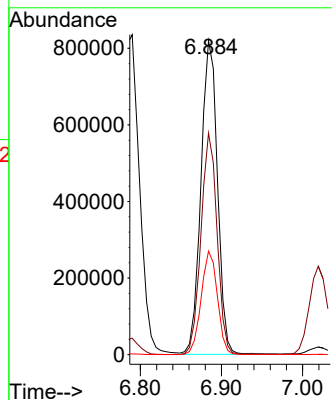
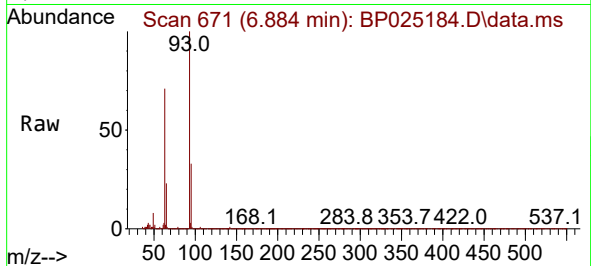




#11
bis(2-Chloroethyl)ether
Concen: 39.571 ng
RT: 6.884 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

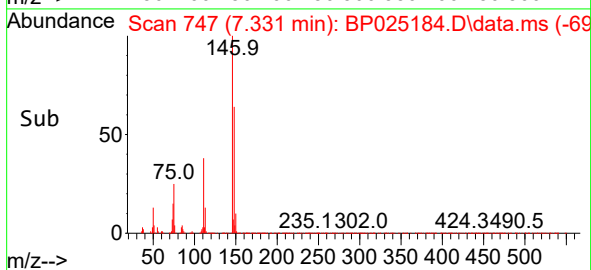
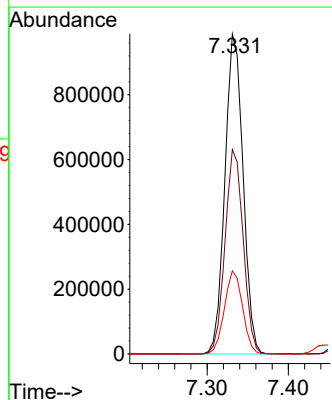
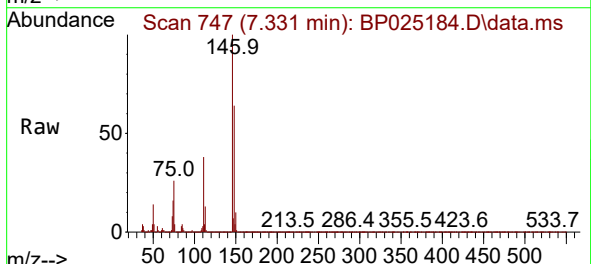
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

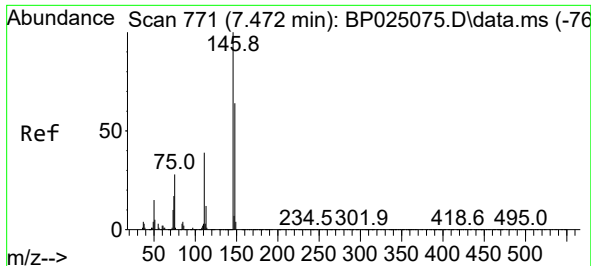
Tgt Ion: 93 Resp: 1161087
Ion Ratio Lower Upper
93 100
63 70.6 51.9 91.9
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.636 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:146 Resp: 1535112
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 26.0 21.8 32.6

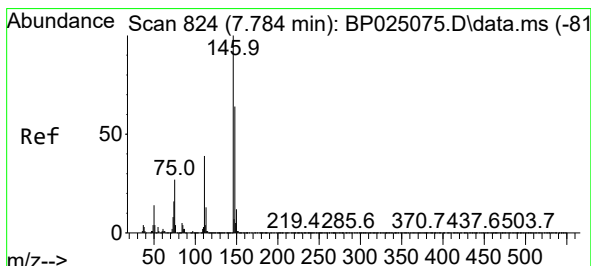
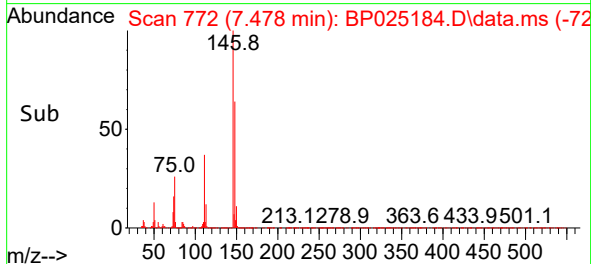
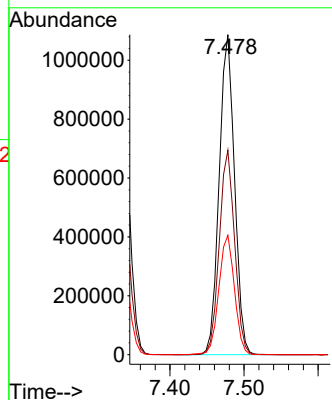
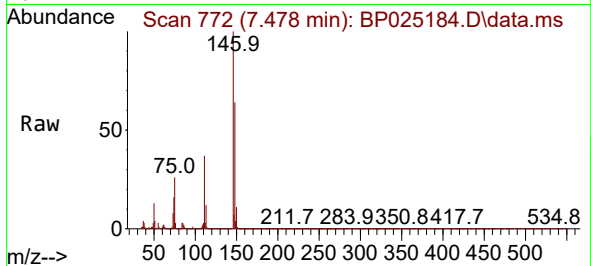




#13
1,4-Dichlorobenzene
Concen: 42.886 ng
RT: 7.478 min Scan# 771
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

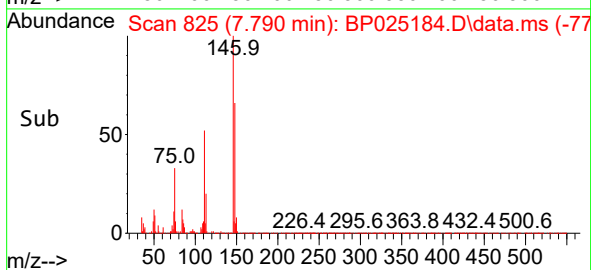
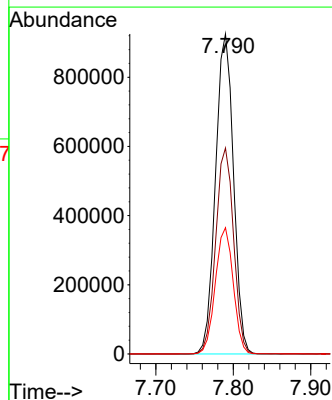
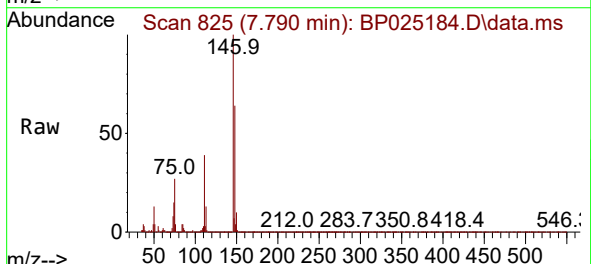
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

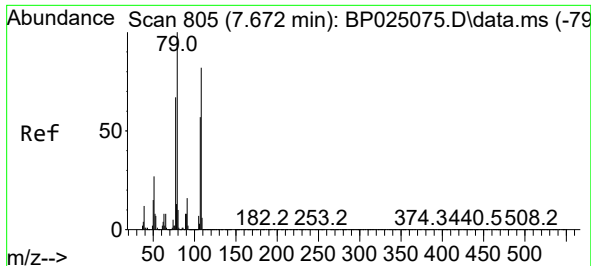
Tgt Ion:146 Resp: 1563350
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 37.3 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 42.468 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:146 Resp: 1489235
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 39.4 31.2 46.8

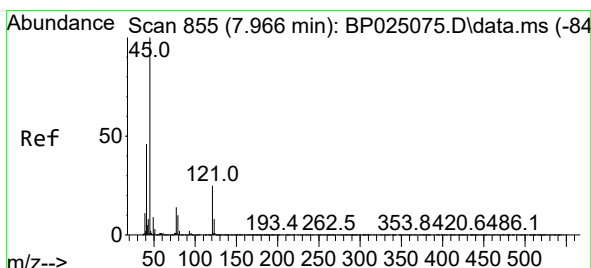
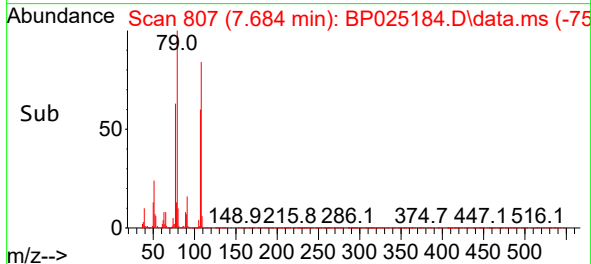
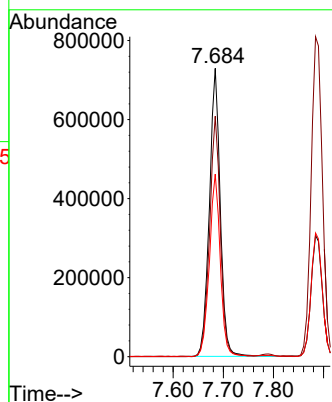
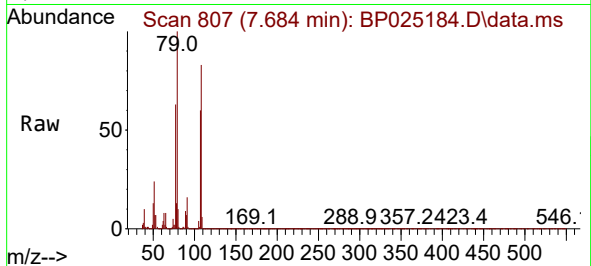




#15
Benzyl Alcohol
Concen: 44.002 ng
RT: 7.684 min Scan# 805
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

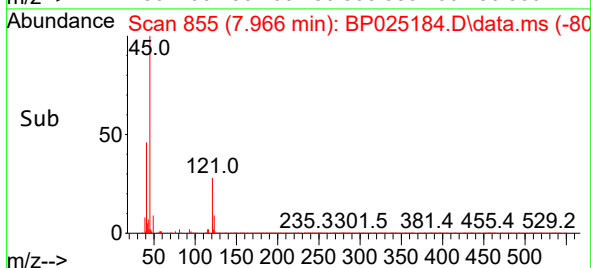
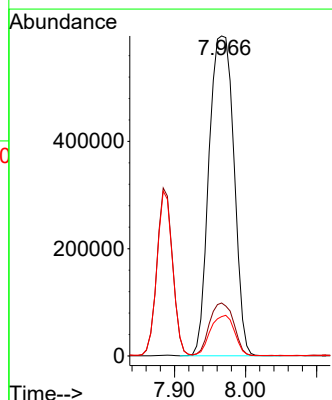
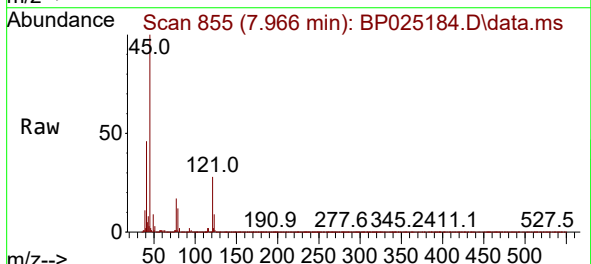
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

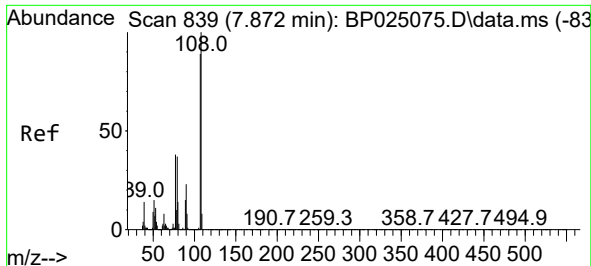
Tgt Ion: 79 Resp: 1101977
Ion Ratio Lower Upper
79 100
108 83.4 66.0 99.0
77 63.3 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.939 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion: 45 Resp: 1447479
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.8
79 12.3 0.0 30.7





#17

2-Methylphenol

Concen: 45.861 ng

RT: 7.884 min Scan# 841

Delta R.T. 0.012 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

Tgt Ion:107 Resp: 1126302

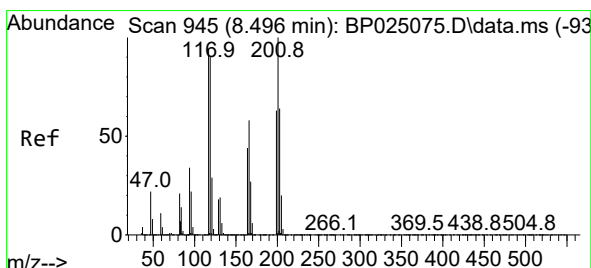
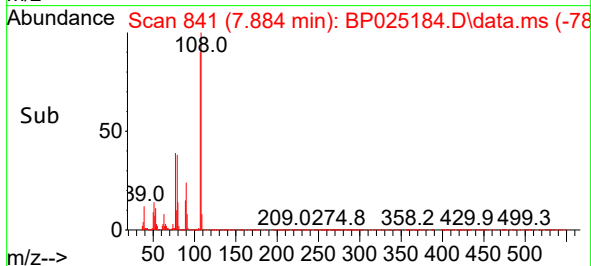
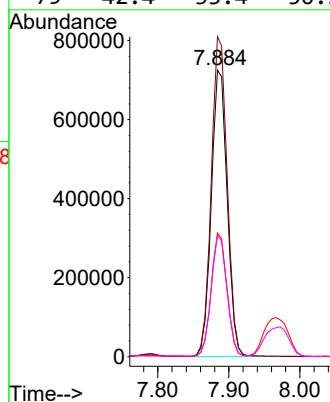
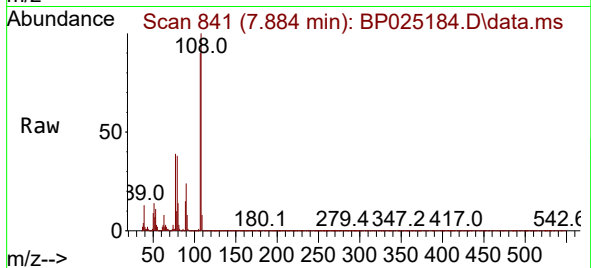
Ion Ratio Lower Upper

107 100

108 111.6 89.7 134.5

77 43.2 34.2 51.4

79 42.4 33.4 50.2



#18

Hexachloroethane

Concen: 44.790 ng

RT: 8.502 min Scan# 946

Delta R.T. 0.006 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

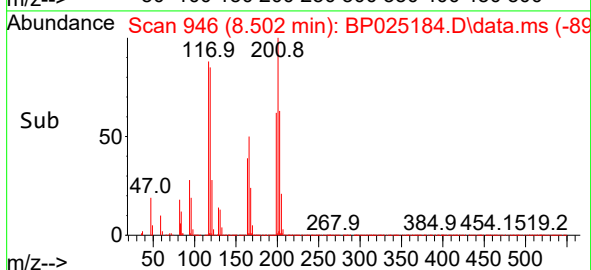
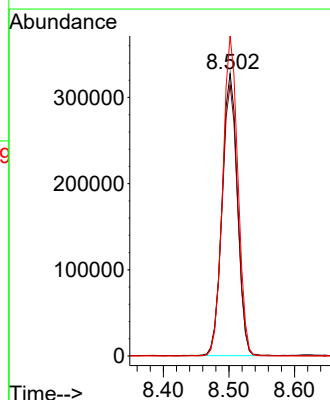
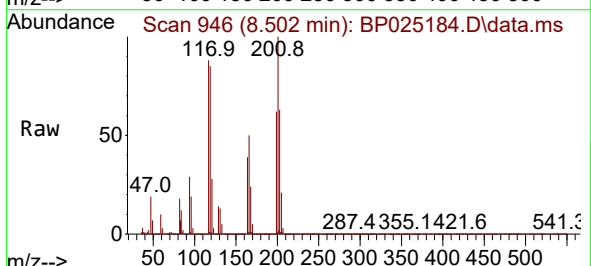
Tgt Ion:117 Resp: 531894

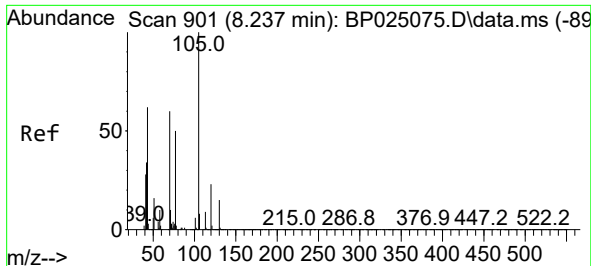
Ion Ratio Lower Upper

117 100

119 96.0 76.6 115.0

201 113.3 85.4 128.2

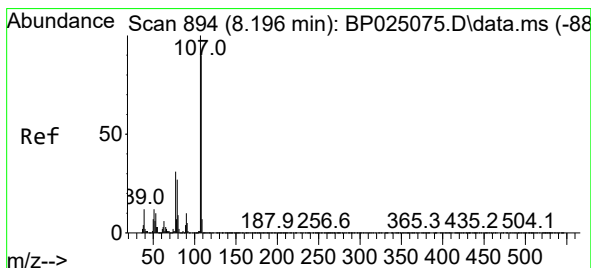
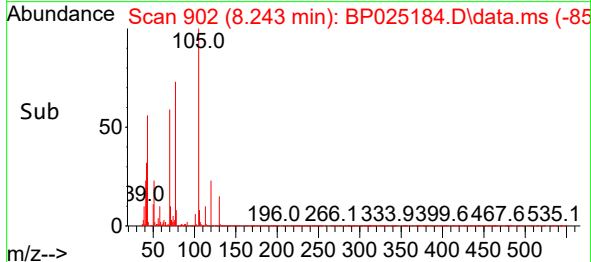
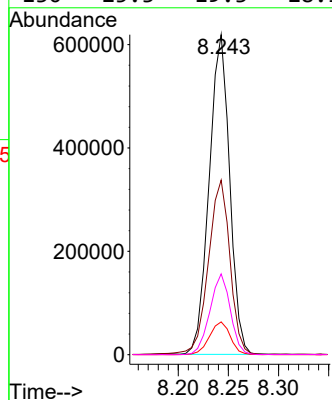
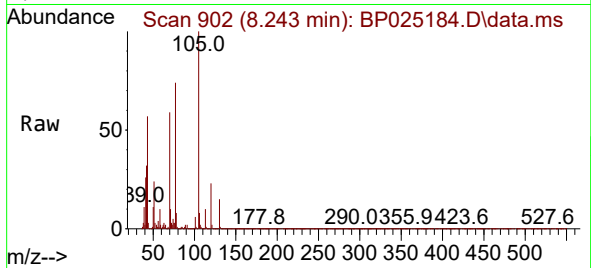




#19
n-Nitroso-di-n-propylamine
Concen: 39.511 ng
RT: 8.243 min Scan# 901
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

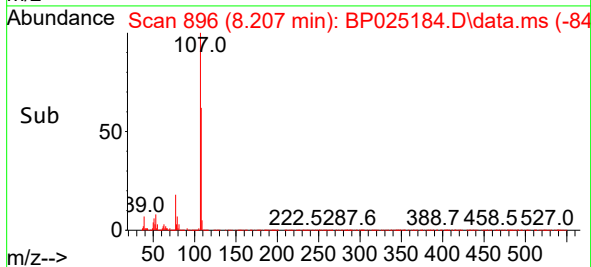
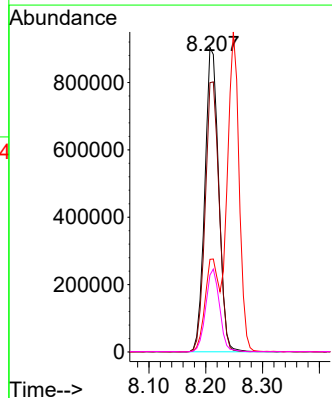
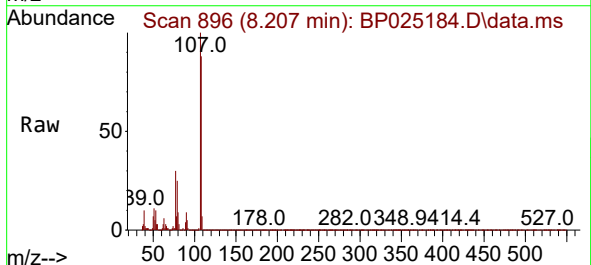
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

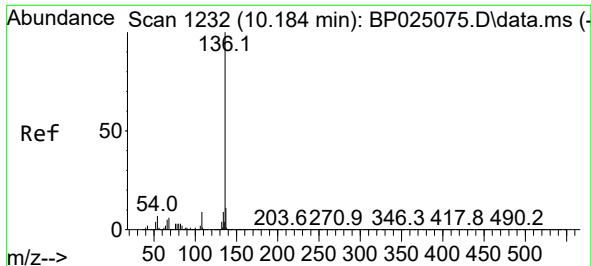
Tgt Ion: 70 Resp: 879233
Ion Ratio Lower Upper
70 100
42 54.6 46.5 69.7
101 10.2 7.9 11.9
130 25.3 19.3 28.9



#20
3+4-Methylphenols
Concen: 44.413 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion: 107 Resp: 1527789
Ion Ratio Lower Upper
107 100
108 88.5 69.5 109.5
77 30.4 11.4 51.4
79 25.3 6.9 46.9



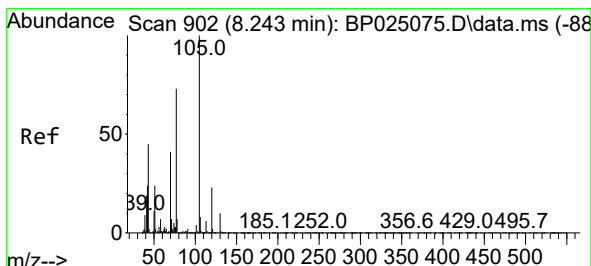
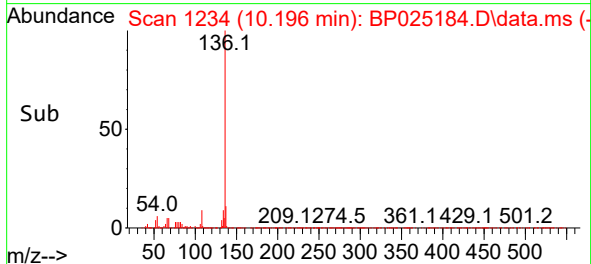
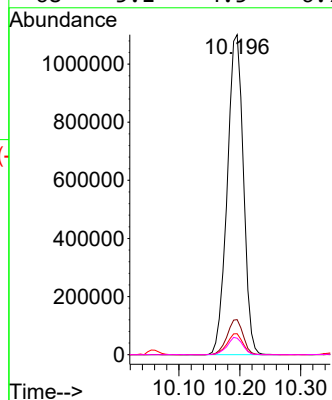
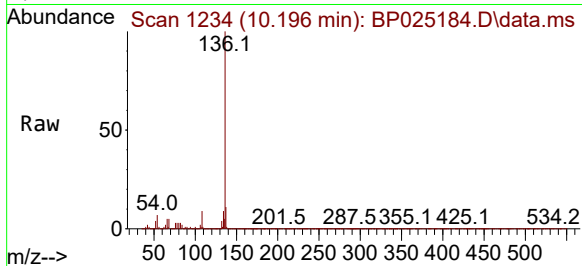


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

Tgt Ion:136 Resp: 2028093

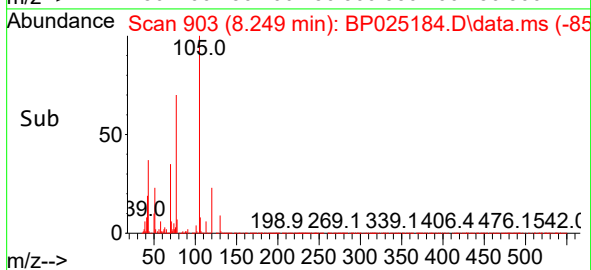
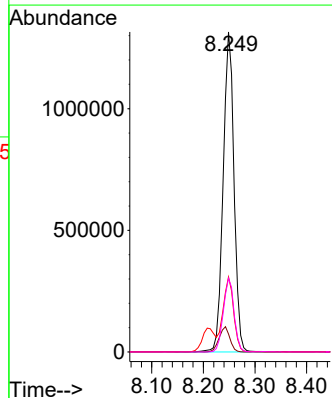
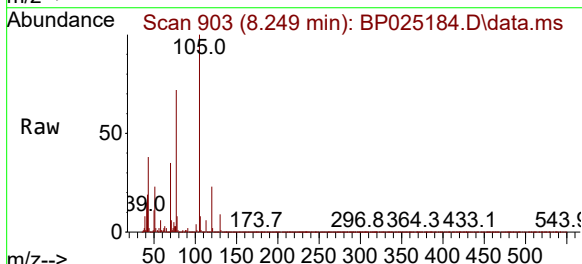
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.5	5.4	8.2
68	5.1	4.5	6.7

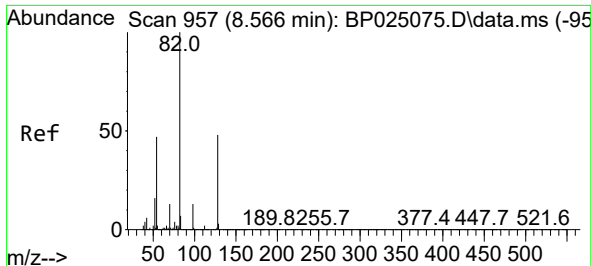


#22
Acetophenone
Concen: 39.891 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:105 Resp: 1913338

Ion	Ratio	Lower	Upper
105	100		
71	5.6	5.4	8.2
51	23.5	19.6	29.4
120	23.1	18.8	28.2

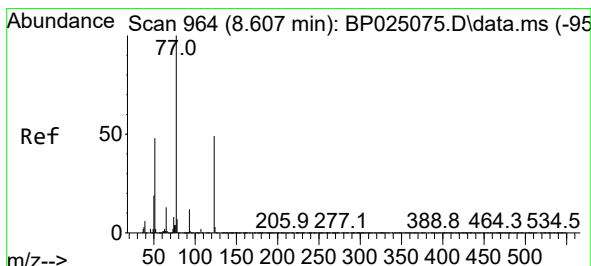
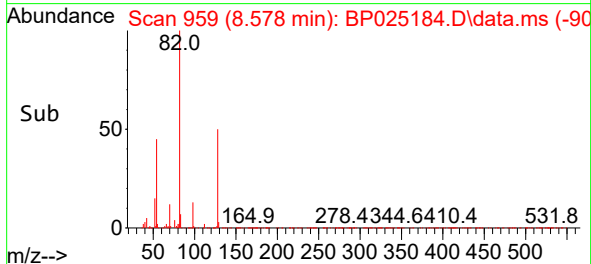
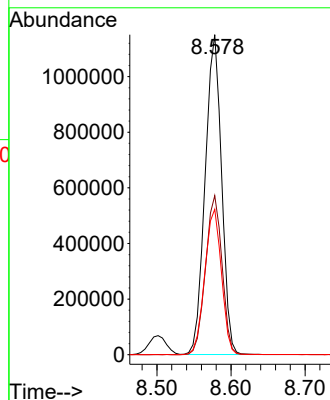
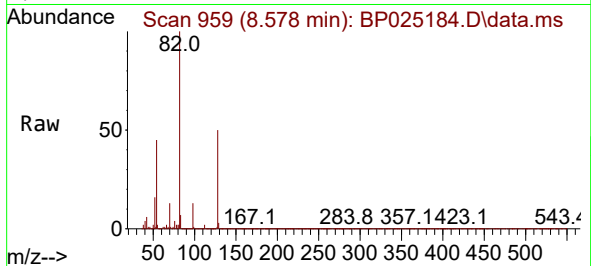




#23
Nitrobenzene-d5
Concen: 58.141 ng
RT: 8.578 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

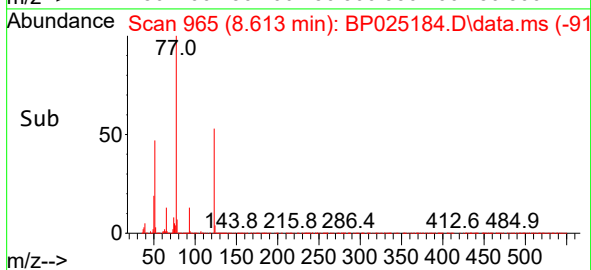
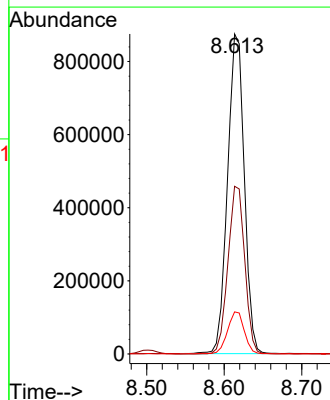
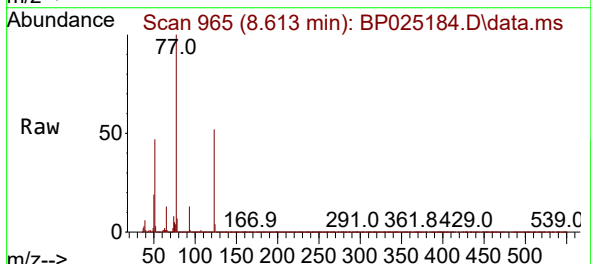
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

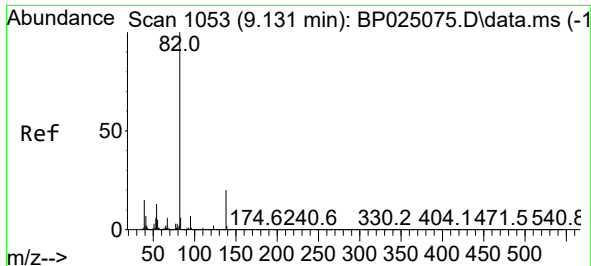
Tgt Ion: 82 Resp: 1773030
Ion Ratio Lower Upper
82 100
128 49.7 38.4 57.6
54 45.4 37.8 56.6



#24
Nitrobenzene
Concen: 42.368 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion: 77 Resp: 1316047
Ion Ratio Lower Upper
77 100
123 52.4 39.0 58.6
65 13.1 10.7 16.1

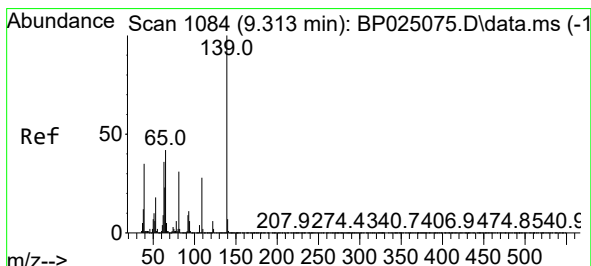
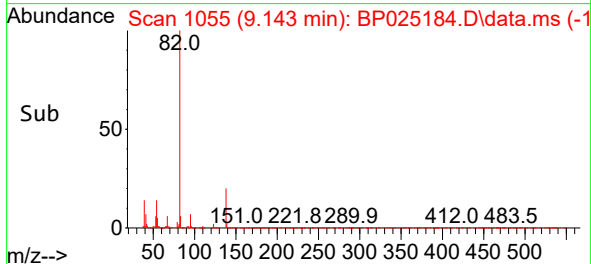
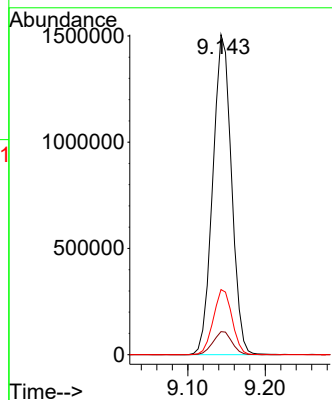
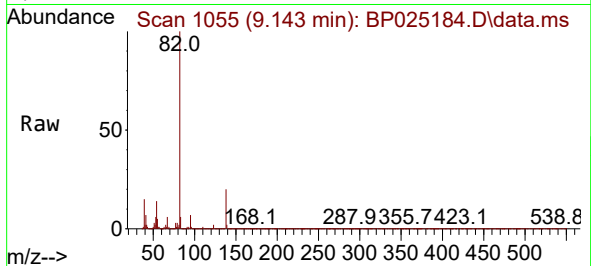




#25
Isophorone
Concen: 44.265 ng
RT: 9.143 min Scan# 1053
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

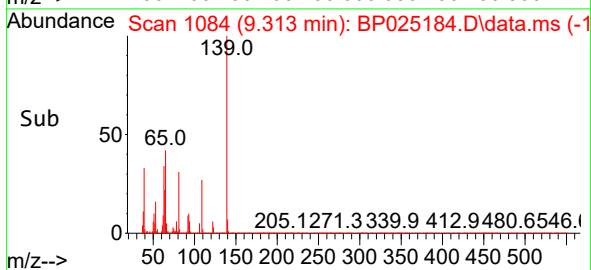
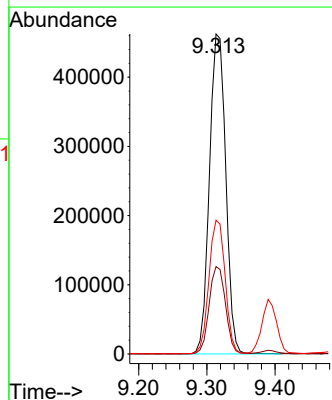
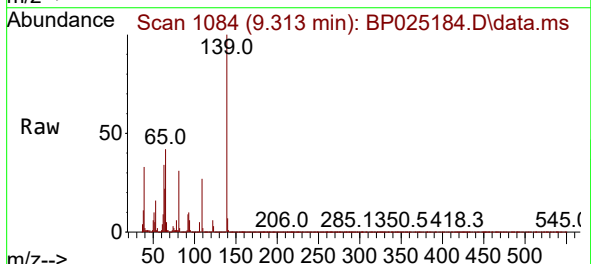
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

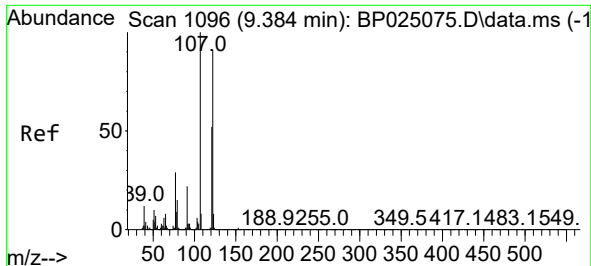
Tgt Ion: 82 Resp: 2522659
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 20.4 15.7 23.5



#26
2-Nitrophenol
Concen: 50.838 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion: 139 Resp: 769456
Ion Ratio Lower Upper
139 100
109 27.3 22.3 33.5
65 41.8 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 61.802 ng

RT: 9.390 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

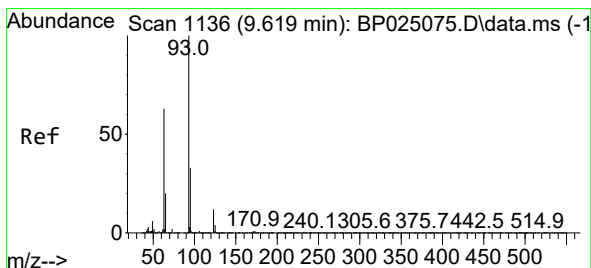
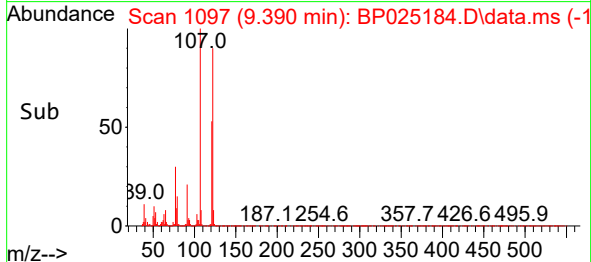
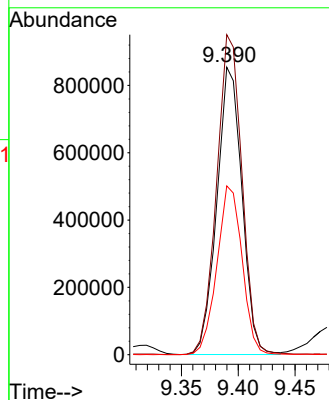
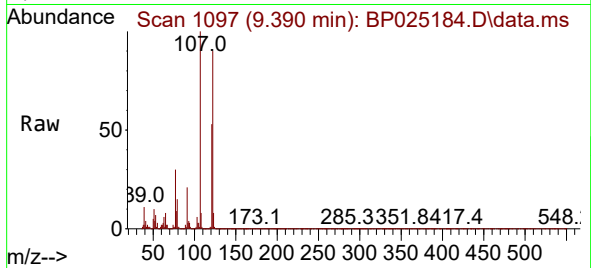
Tgt Ion:122 Resp: 1313839

Ion Ratio Lower Upper

122 100

107 111.3 88.2 132.2

121 58.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.233 ng

RT: 9.631 min Scan# 1138

Delta R.T. 0.012 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

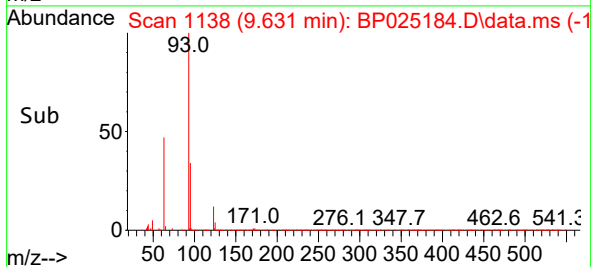
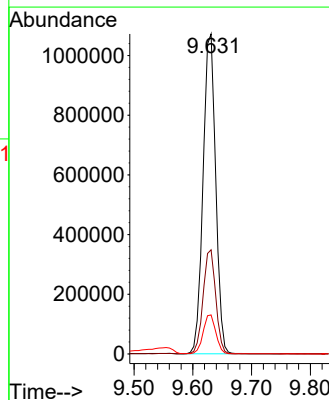
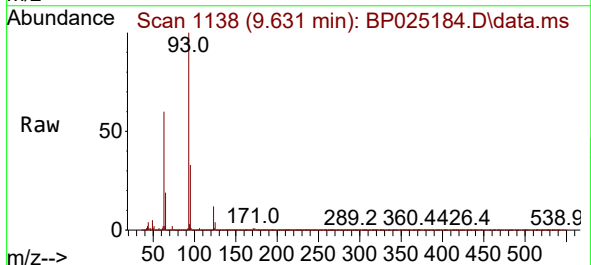
Tgt Ion: 93 Resp: 1595554

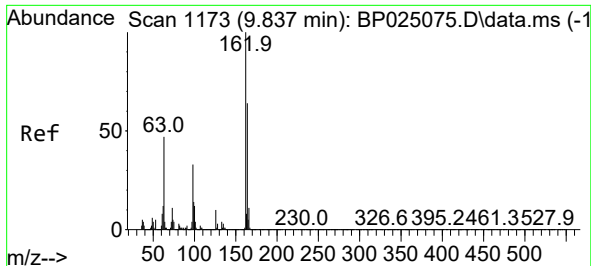
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.2 10.1 15.1

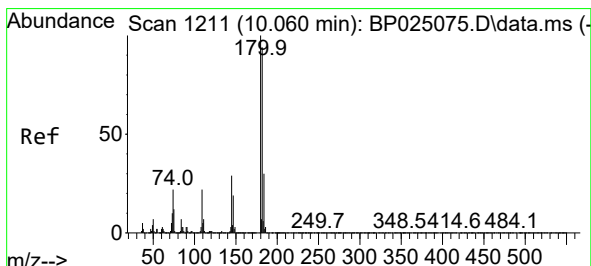
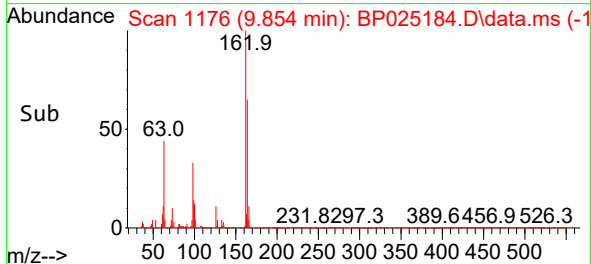
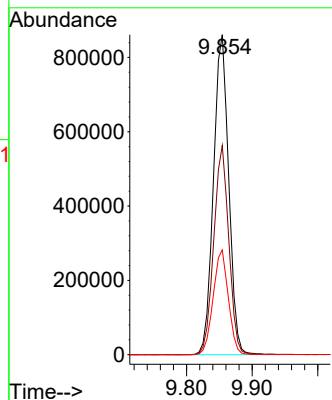
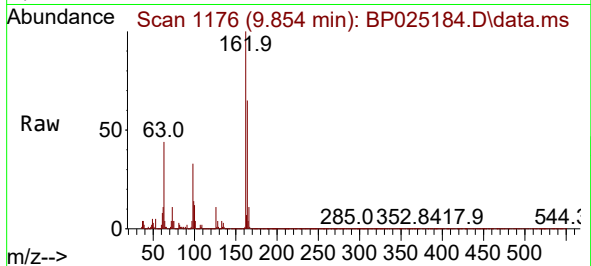




#29
2,4-Dichlorophenol
Concen: 47.096 ng
RT: 9.854 min Scan# 1176
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

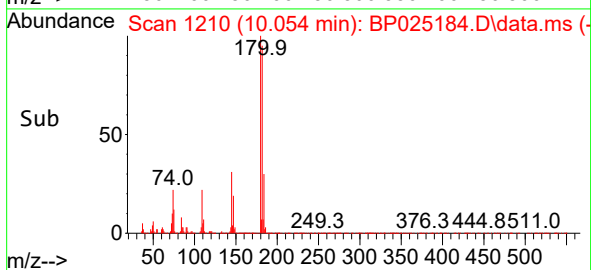
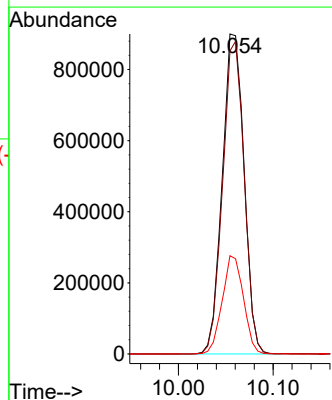
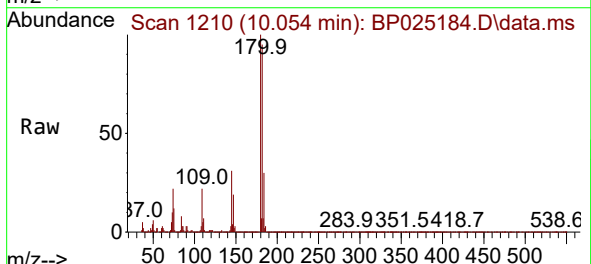
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

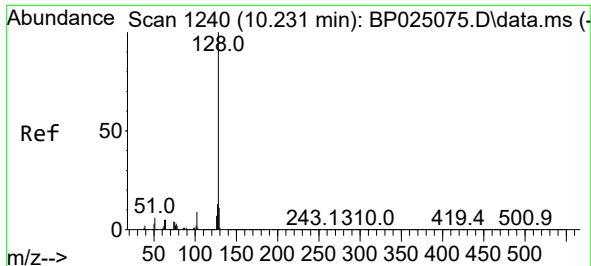
Tgt Ion:162 Resp: 1388307
Ion Ratio Lower Upper
162 100
164 65.4 44.1 84.1
98 32.8 13.1 53.1



#30
1,2,4-Trichlorobenzene
Concen: 44.240 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:180 Resp: 1444176
Ion Ratio Lower Upper
180 100
182 94.7 75.1 112.7
145 30.7 23.3 34.9

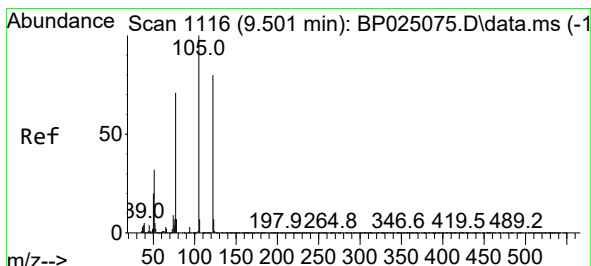
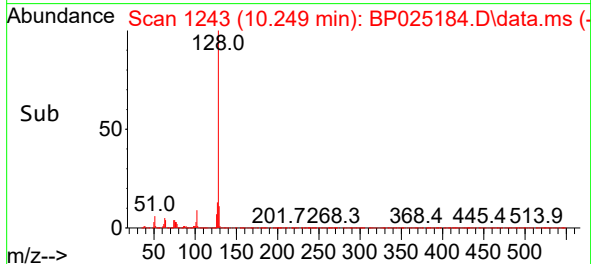
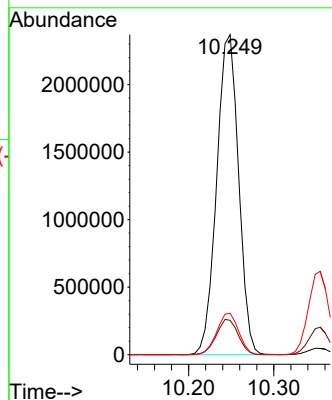
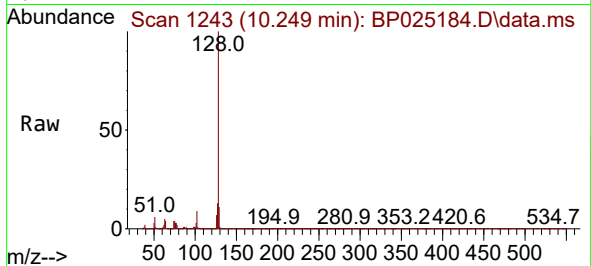




#31
Naphthalene
Concen: 40.553 ng
RT: 10.249 min Scan# 1125
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

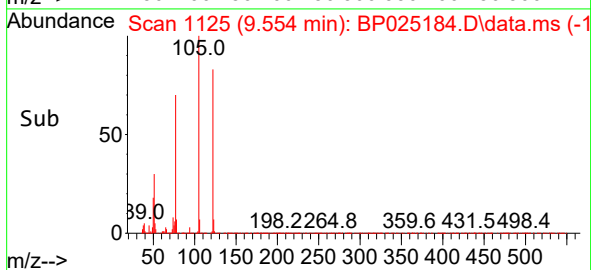
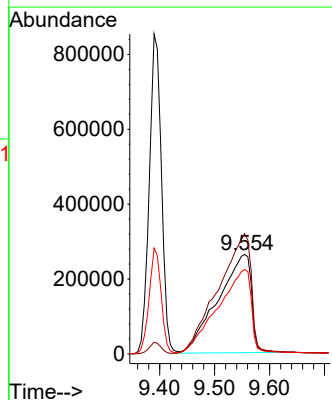
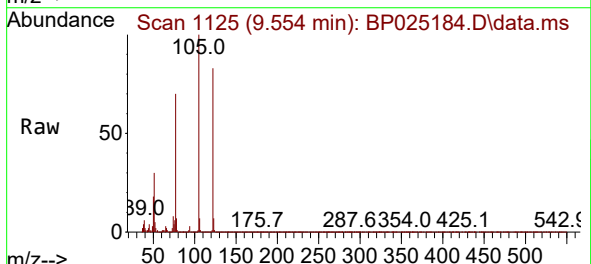
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

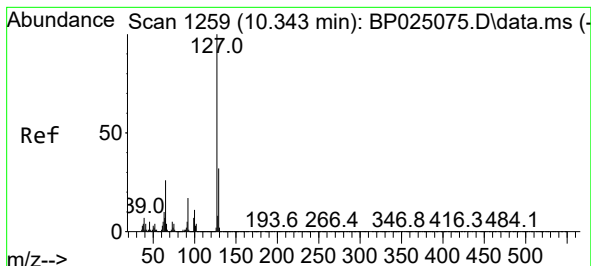
Tgt Ion:128 Resp: 4235027
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 51.370 ng
RT: 9.554 min Scan# 1125
Delta R.T. 0.053 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:122 Resp: 1101636
Ion Ratio Lower Upper
122 100
105 120.9 101.0 141.0
77 84.9 67.6 107.6





#33

4-Chloroaniline

Concen: 27.001 ng

RT: 10.354 min Scan# 1259

Delta R.T. 0.012 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

Tgt Ion:127 Resp: 1052280

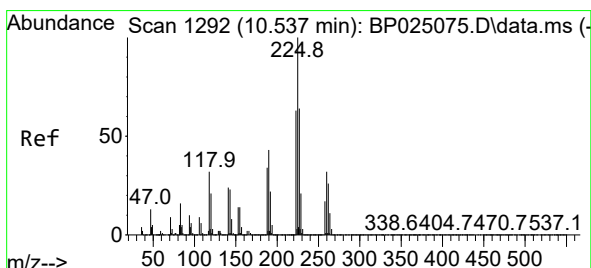
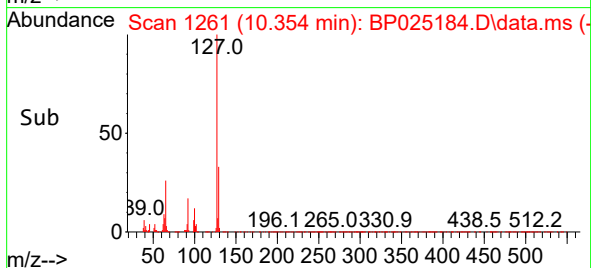
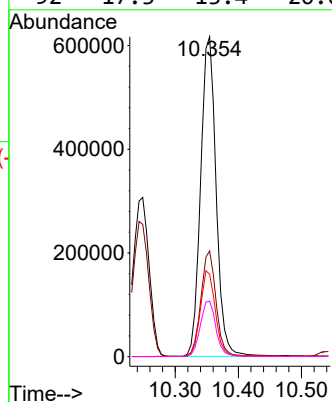
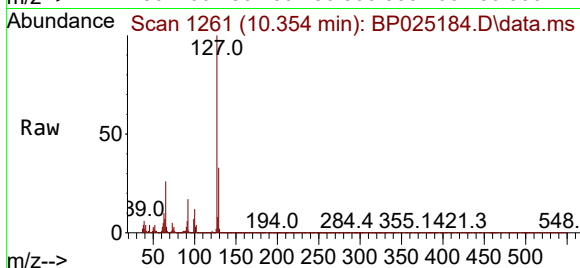
Ion Ratio Lower Upper

127 100

129 33.0 25.4 38.2

65 25.8 21.0 31.6

92 17.3 13.4 20.0



#34

Hexachlorobutadiene

Concen: 47.381 ng

RT: 10.543 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

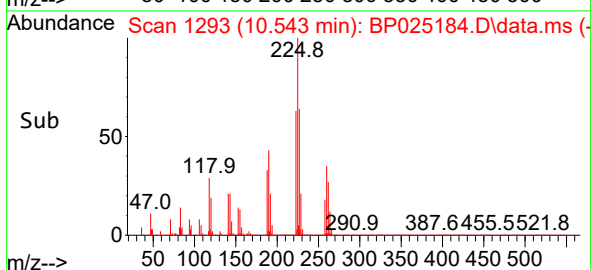
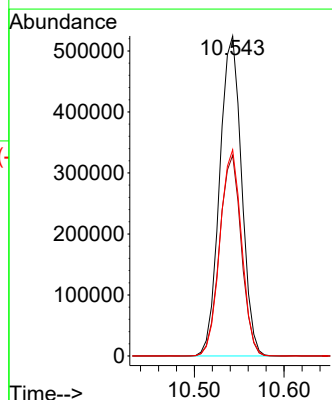
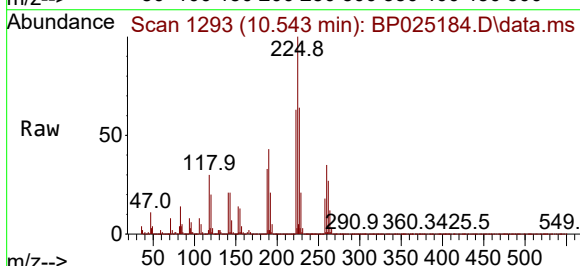
Tgt Ion:225 Resp: 887605

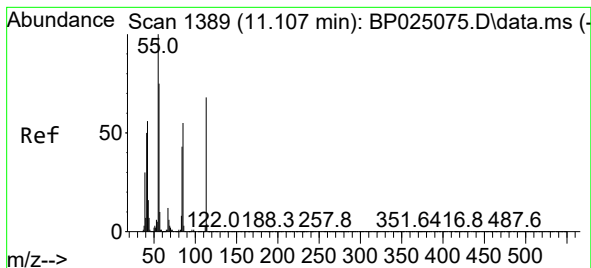
Ion Ratio Lower Upper

225 100

223 62.7 50.3 75.5

227 64.4 51.3 76.9





#35

Caprolactam

Concen: 28.005 ng

RT: 11.143 min Scan# 11

Delta R.T. 0.035 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

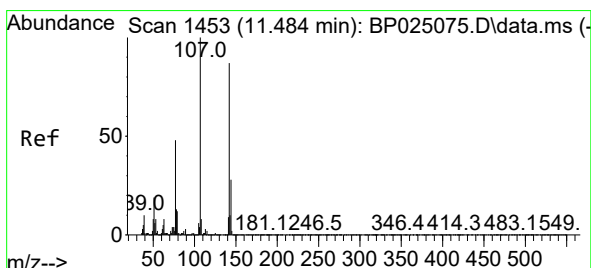
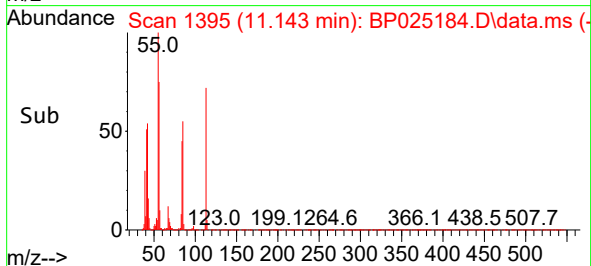
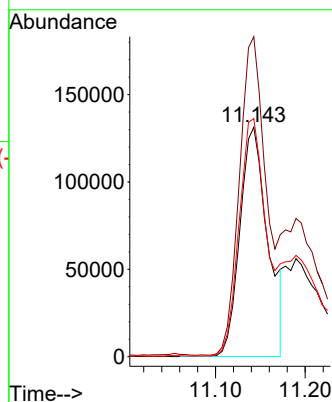
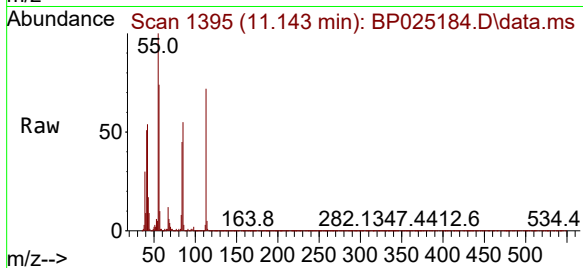
Tgt Ion:113 Resp: 282410

Ion Ratio Lower Upper

113 100

55 139.5 128.1 168.1

56 103.8 90.7 130.7



#36

4-Chloro-3-methylphenol

Concen: 44.980 ng

RT: 11.501 min Scan# 1456

Delta R.T. 0.018 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

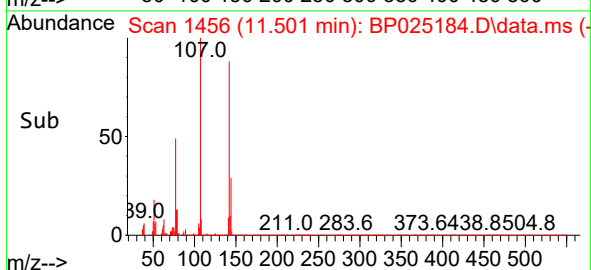
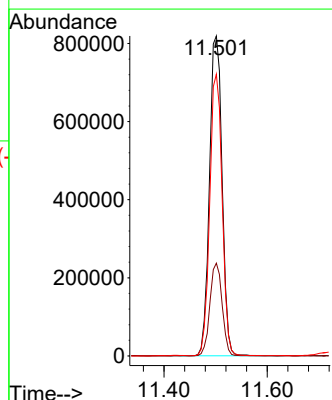
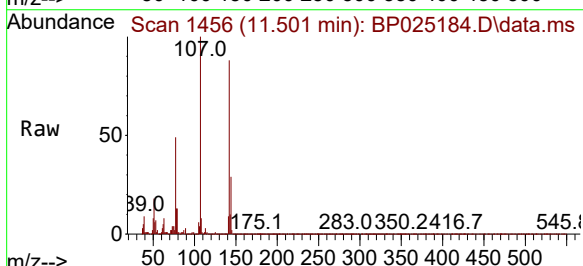
Tgt Ion:107 Resp: 1385601

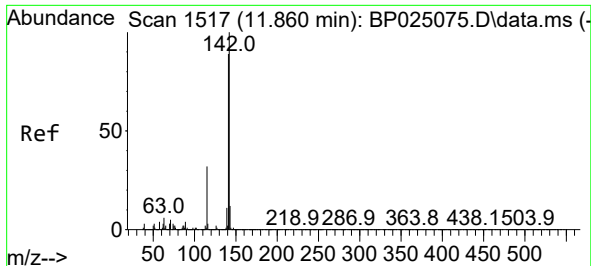
Ion Ratio Lower Upper

107 100

144 29.0 22.4 33.6

142 88.0 69.6 104.4

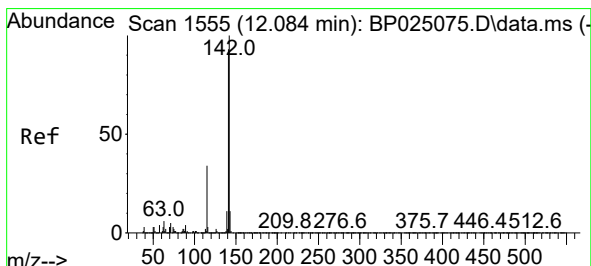
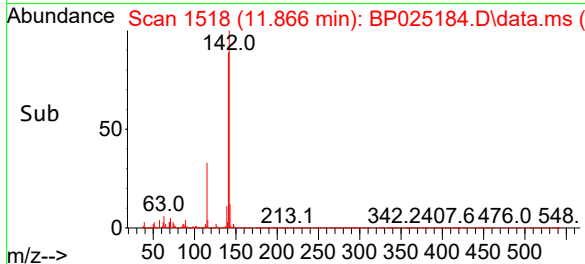
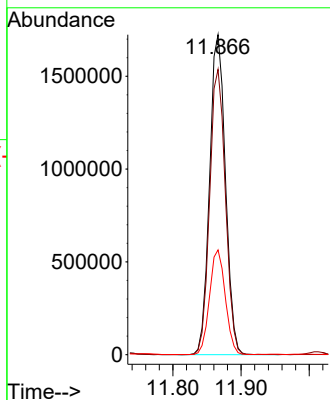
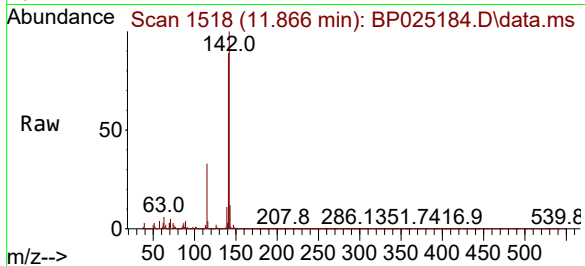




#37
2-Methylnaphthalene
Concen: 37.799 ng
RT: 11.866 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

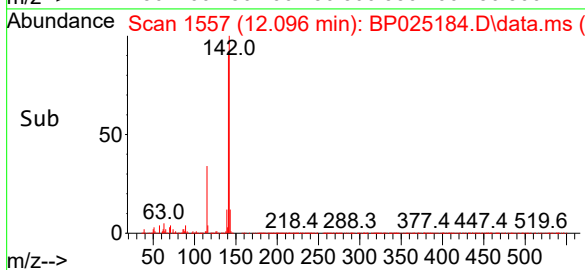
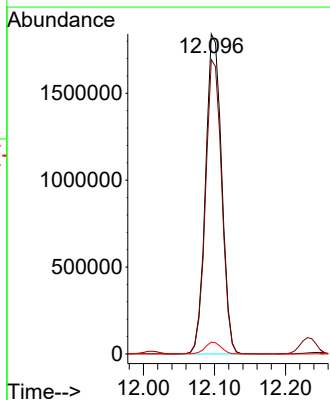
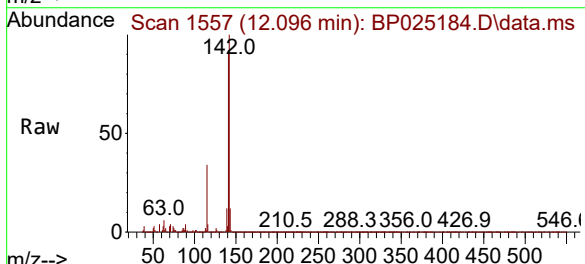
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

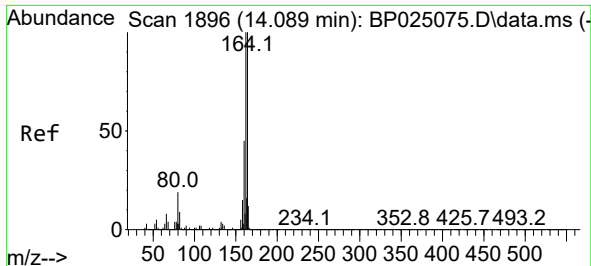
Tgt Ion:142 Resp: 2785160
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8
115 32.7 25.9 38.9



#38
1-Methylnaphthalene
Concen: 40.338 ng
RT: 12.096 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:142 Resp: 2898763
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1
116 3.7 2.7 4.1

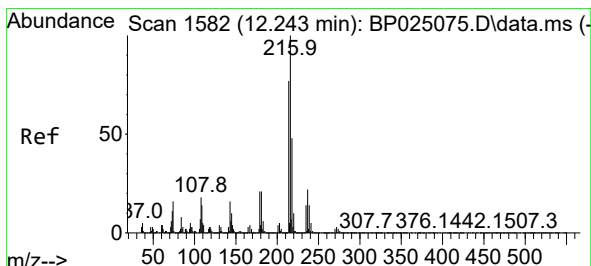
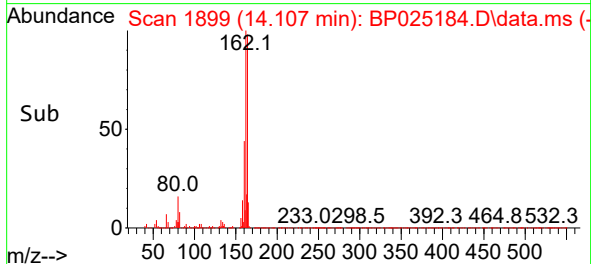
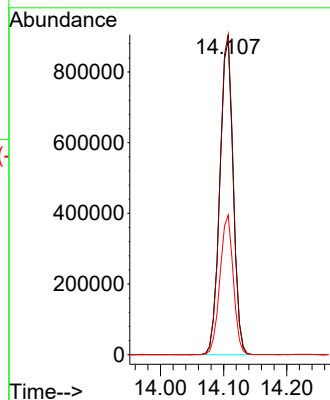
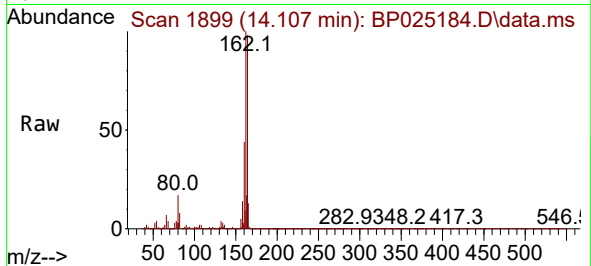




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.107 min Scan# 1896
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

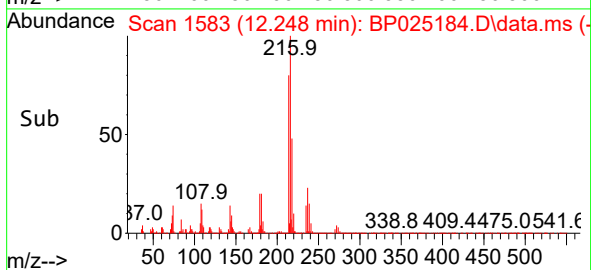
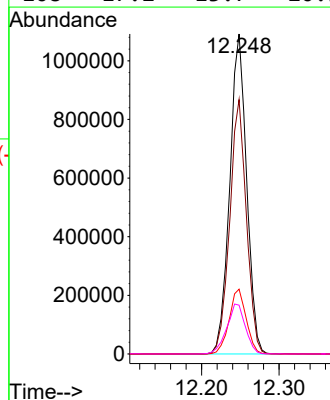
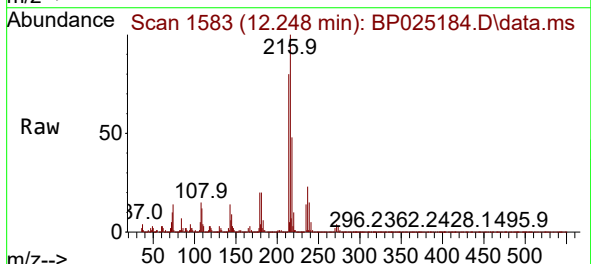
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

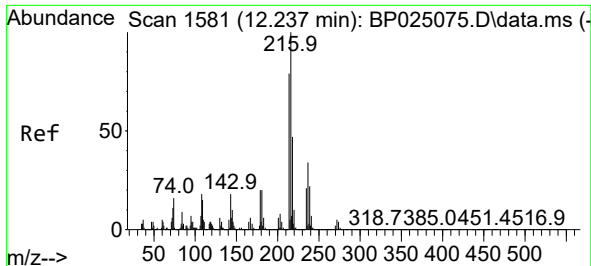
Tgt Ion:164 Resp: 1305082
Ion Ratio Lower Upper
164 100
162 101.7 80.3 120.5
160 44.4 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.176 ng
RT: 12.248 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:216 Resp: 1656938
Ion Ratio Lower Upper
216 100
214 78.5 62.4 93.6
179 20.4 16.5 24.7
108 17.2 13.7 20.5

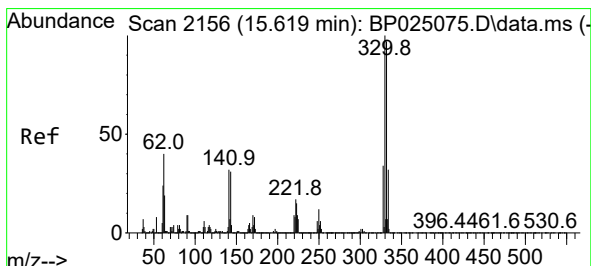
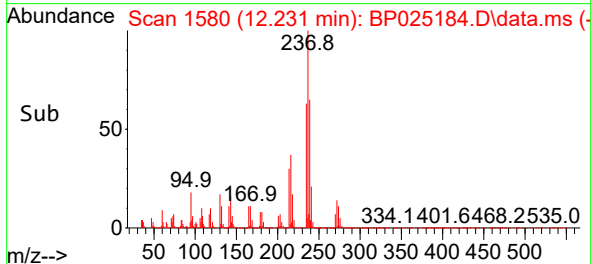
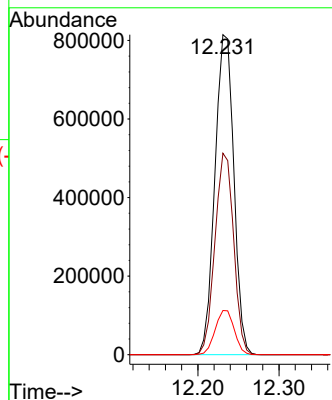
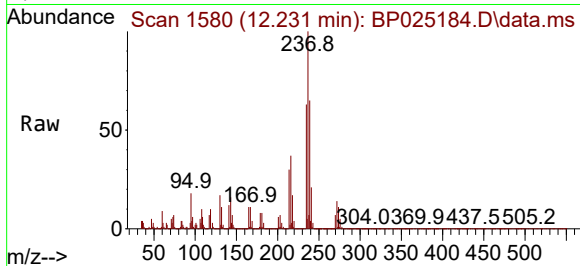




#41
Hexachlorocyclopentadiene
Concen: 134.848 ng
RT: 12.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

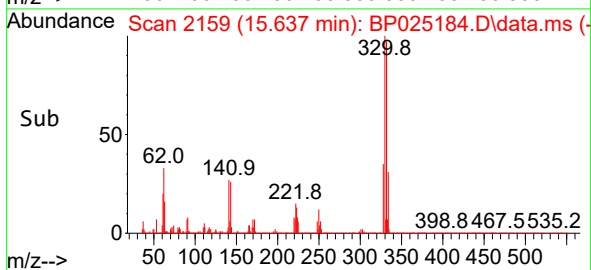
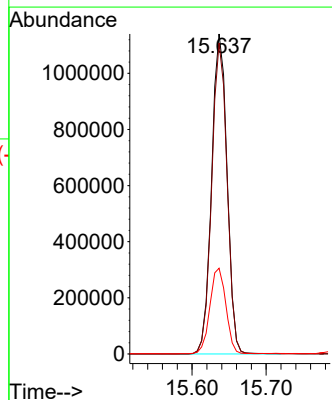
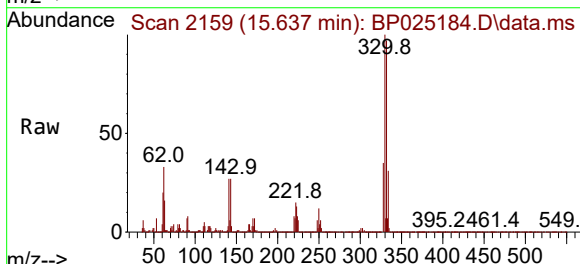
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

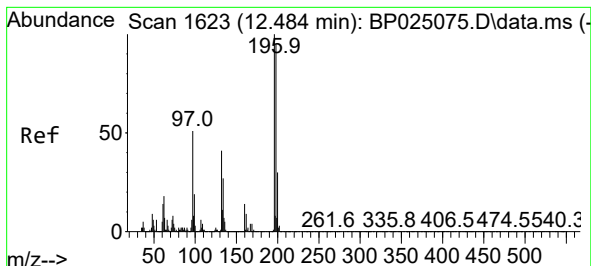
Tgt Ion:237 Resp: 1321137
Ion Ratio Lower Upper
237 100
235 62.9 41.6 81.6
272 13.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 107.082 ng
RT: 15.637 min Scan# 2159
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:330 Resp: 1650918
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 27.6 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 51.491 ng

RT: 12.501 min Scan# 1

Delta R.T. 0.018 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

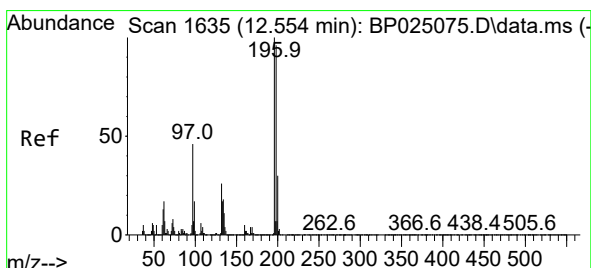
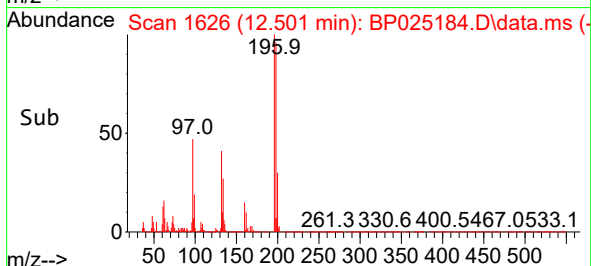
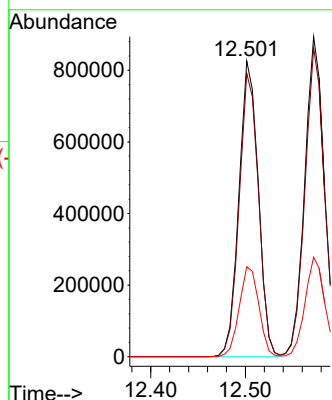
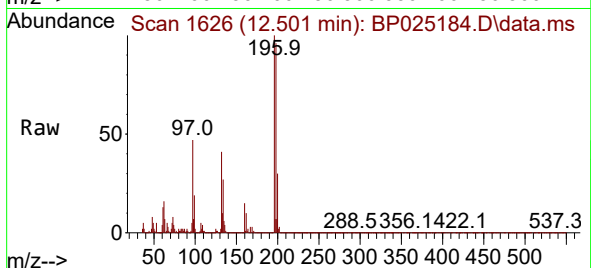
Tgt Ion:196 Resp: 1169445

Ion Ratio Lower Upper

196 100

198 95.7 76.2 114.2

200 30.4 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 49.897 ng

RT: 12.572 min Scan# 1638

Delta R.T. 0.018 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Tgt Ion:196 Resp: 1284303

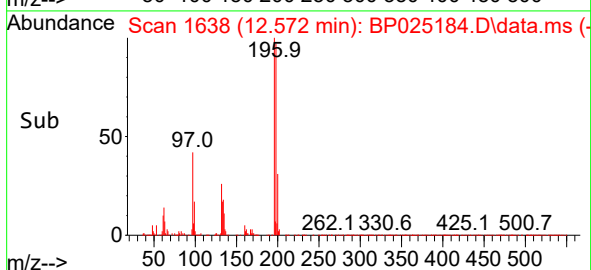
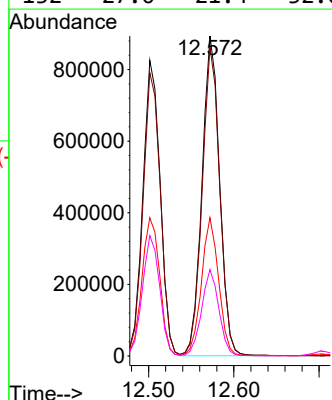
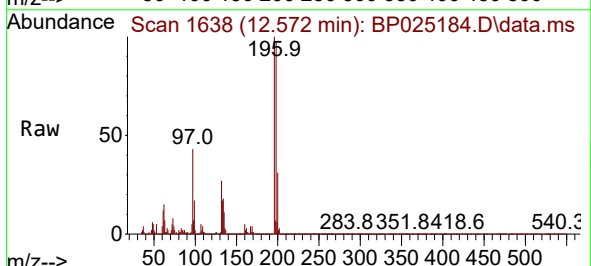
Ion Ratio Lower Upper

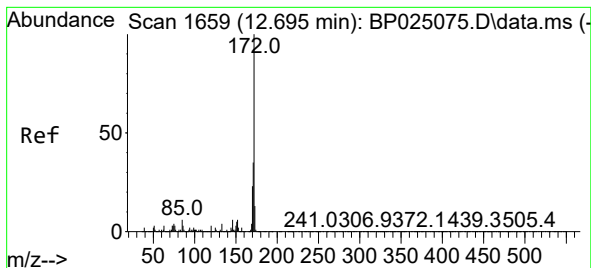
196 100

198 96.5 76.6 115.0

97 43.2 36.6 55.0

132 27.0 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 52.524 ng

RT: 12.701 min Scan# 1660

Delta R.T. 0.006 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

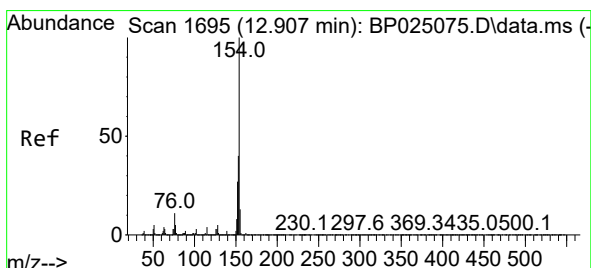
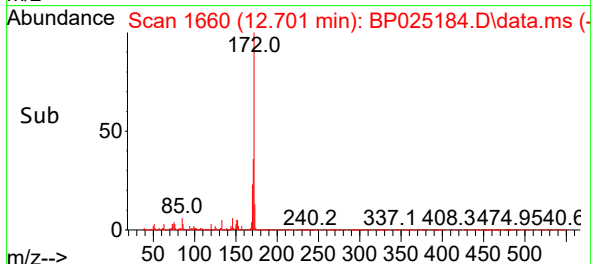
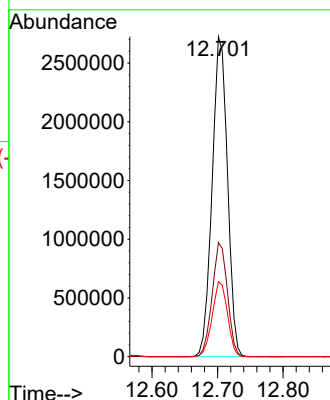
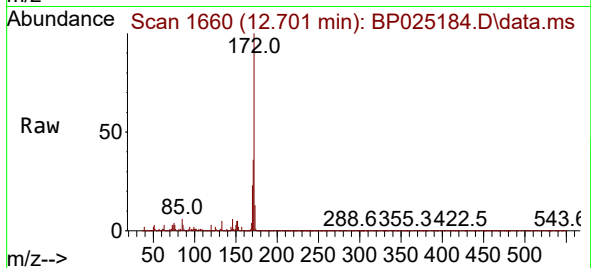
Tgt Ion:172 Resp: 4424877

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.4 18.7 28.1



#46

1,1'-Biphenyl

Concen: 41.936 ng

RT: 12.913 min Scan# 1696

Delta R.T. 0.006 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

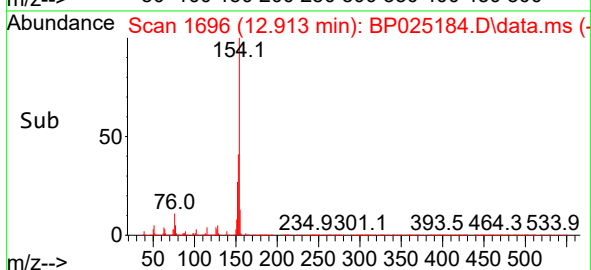
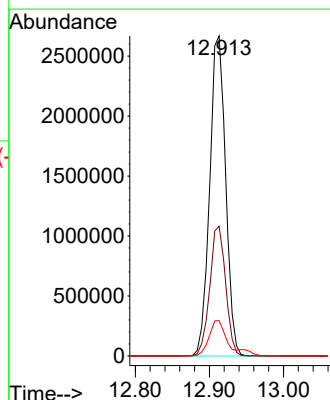
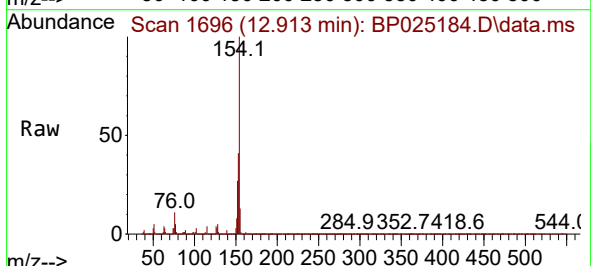
Tgt Ion:154 Resp: 3982136

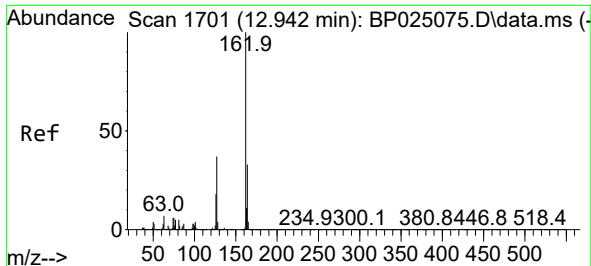
Ion Ratio Lower Upper

154 100

153 40.5 20.2 60.2

76 11.1 0.0 31.5

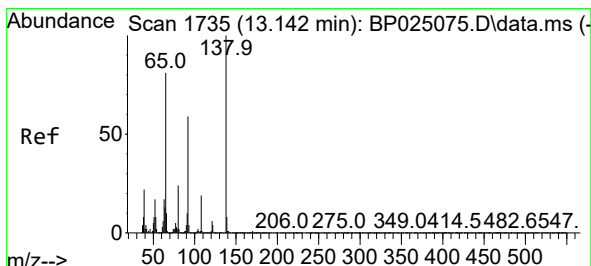
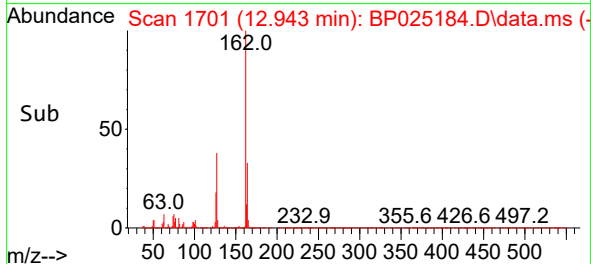
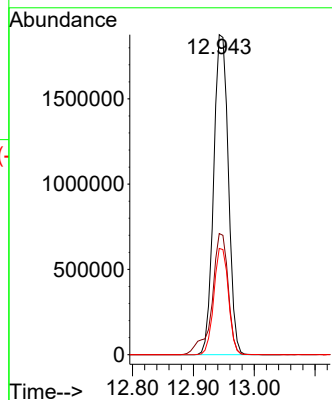
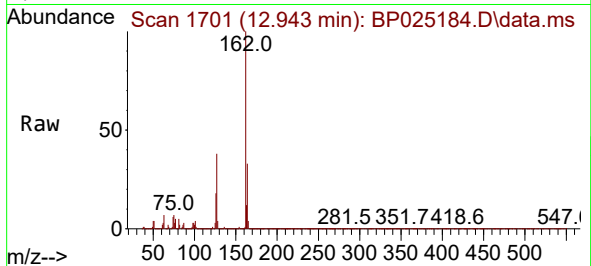




#47
2-Chloronaphthalene
Concen: 43.980 ng
RT: 12.943 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

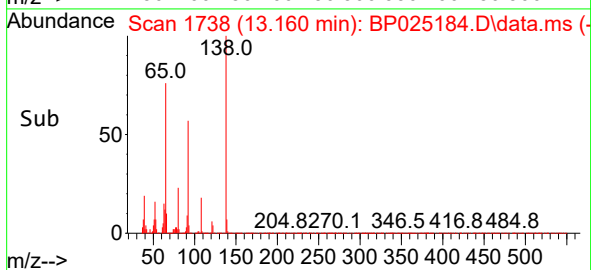
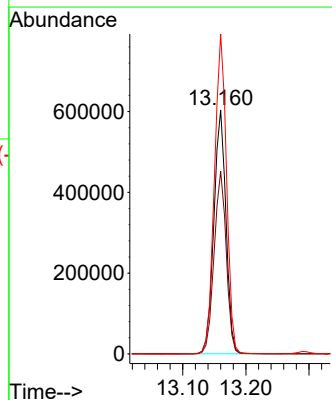
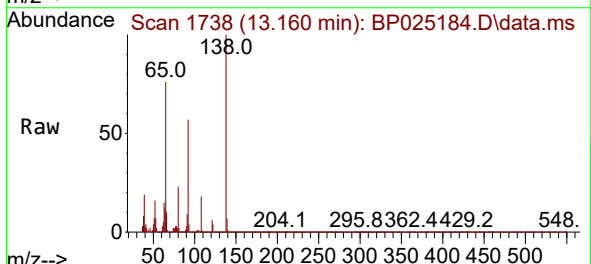
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

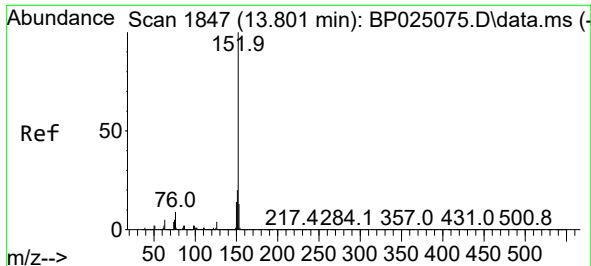
Tgt Ion:162 Resp: 3138820
Ion Ratio Lower Upper
162 100
127 37.8 29.4 44.2
164 33.2 26.4 39.6



#48
2-Nitroaniline
Concen: 46.075 ng
RT: 13.160 min Scan# 1738
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion: 65 Resp: 803471
Ion Ratio Lower Upper
65 100
92 74.9 58.7 88.1
138 131.1 99.0 148.4

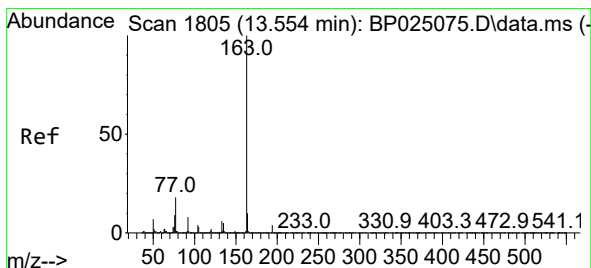
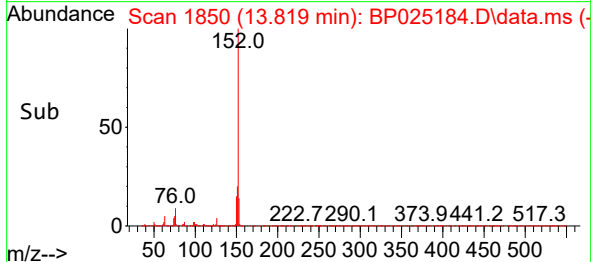
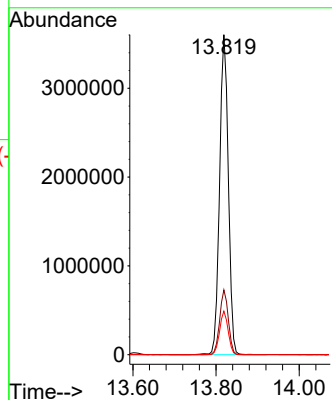
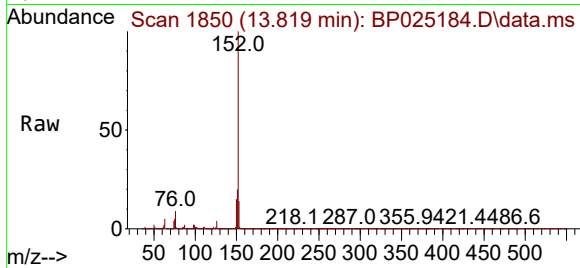




#49
Acenaphthylene
Concen: 47.822 ng
RT: 13.819 min Scan# 1850
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

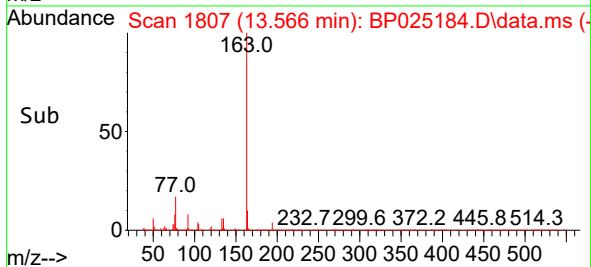
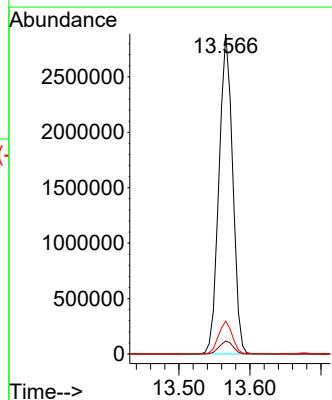
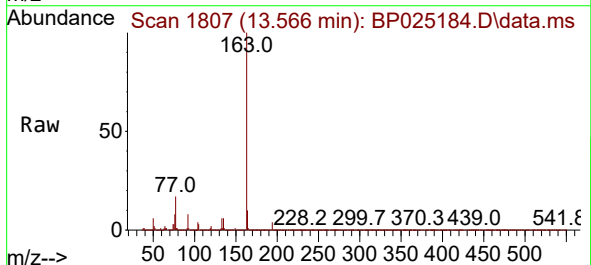
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

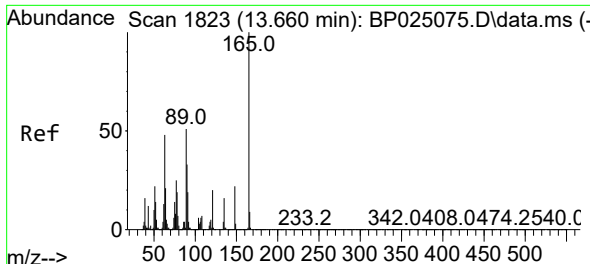
Tgt Ion:152 Resp: 5223760
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.6 10.7 16.1



#50
Dimethylphthalate
Concen: 42.124 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:163 Resp: 3848277
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.0 12.0

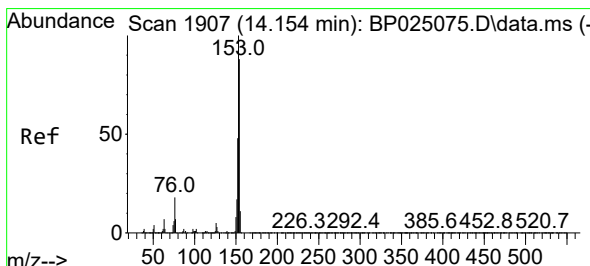
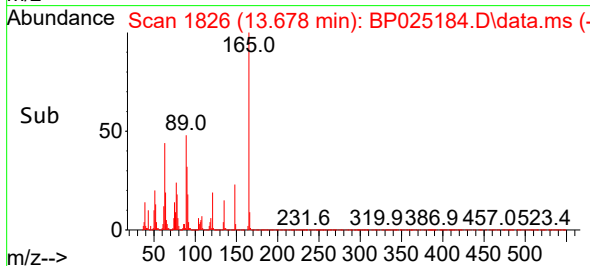
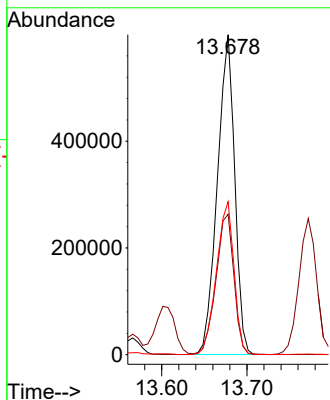
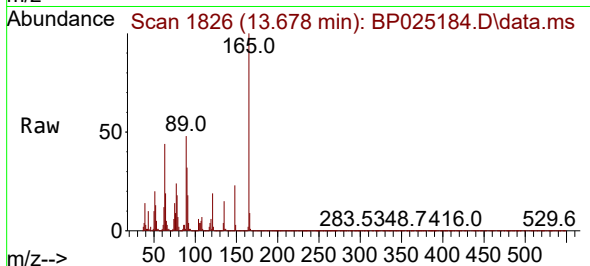




#51
2,6-Dinitrotoluene
Concen: 47.646 ng
RT: 13.678 min Scan# 1826
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

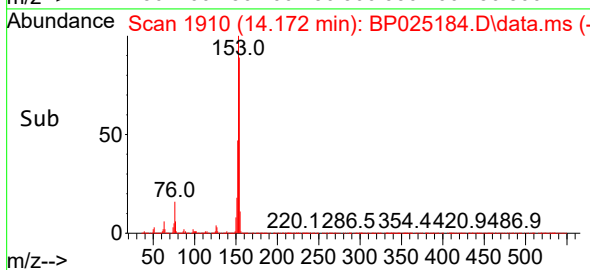
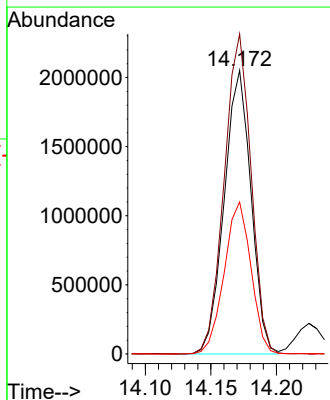
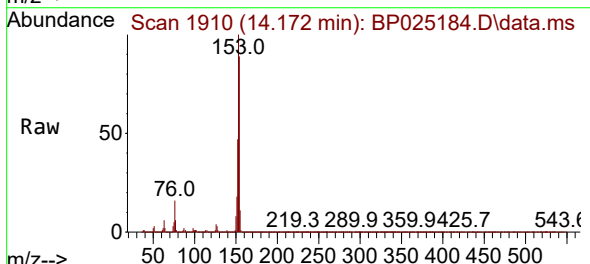
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

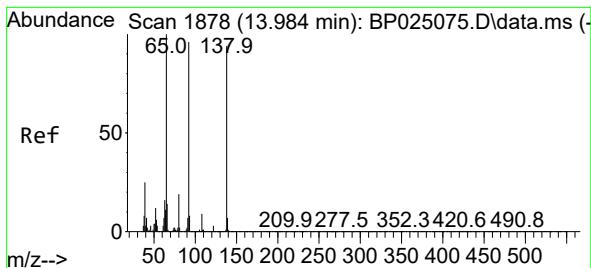
Tgt Ion:165 Resp: 848920
Ion Ratio Lower Upper
165 100
63 43.9 38.5 57.7
89 47.8 40.6 61.0



#52
Acenaphthene
Concen: 41.443 ng
RT: 14.172 min Scan# 1910
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:154 Resp: 2917778
Ion Ratio Lower Upper
154 100
153 112.9 90.6 136.0
152 53.6 43.8 65.8

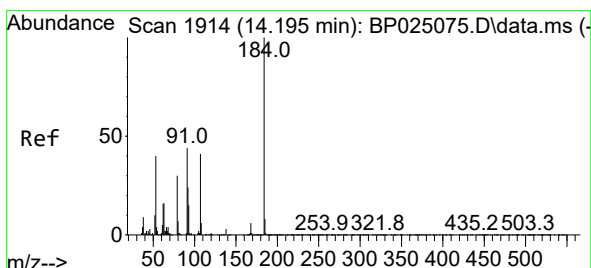
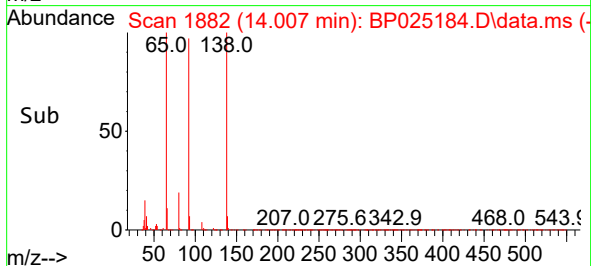
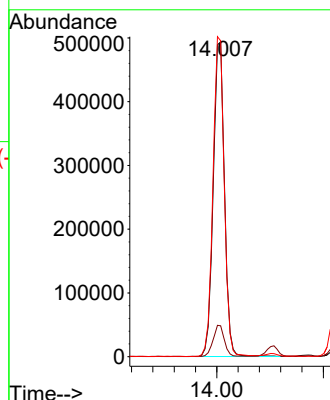
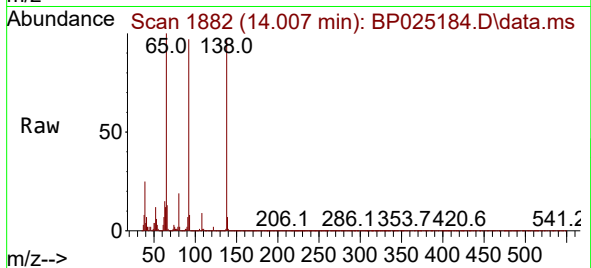




#53
3-Nitroaniline
Concen: 37.848 ng
RT: 14.007 min Scan# 1878
Delta R.T. 0.024 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

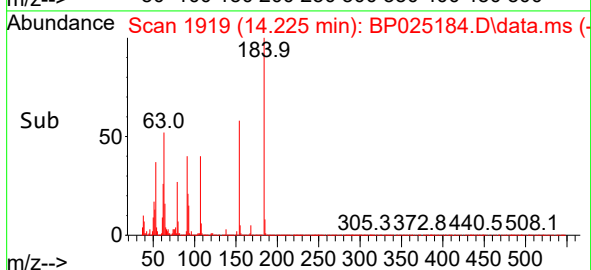
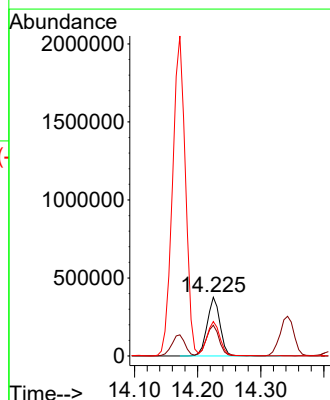
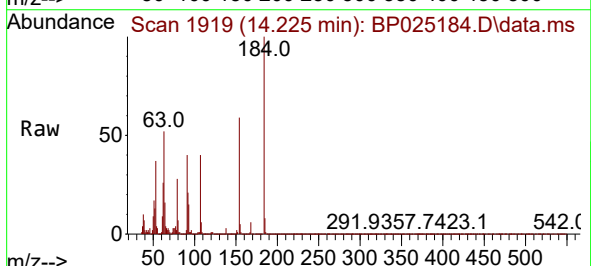
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

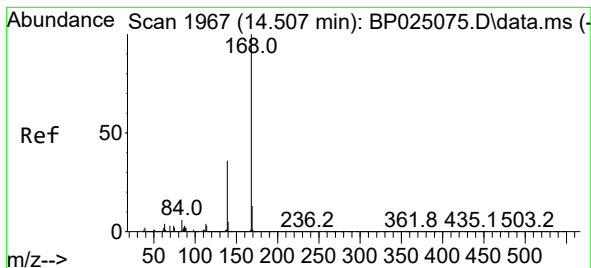
Tgt Ion:138 Resp: 722685
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.8
92 100.5 81.0 121.4



#54
2,4-Dinitrophenol
Concen: 62.275 ng
RT: 14.225 min Scan# 1919
Delta R.T. 0.030 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:184 Resp: 531131
Ion Ratio Lower Upper
184 100
63 52.3 47.4 71.0
154 58.6 47.8 71.8





#55

Dibenzenofuran

Concen: 40.264 ng

RT: 14.513 min Scan# 1968

Delta R.T. 0.006 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

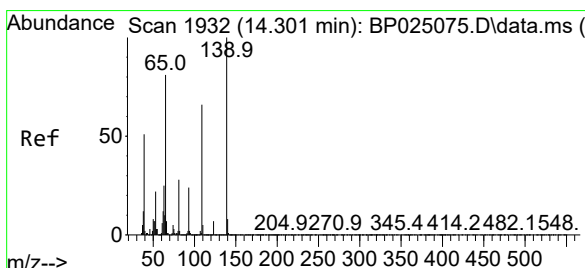
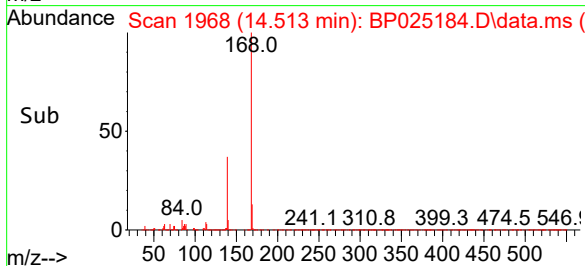
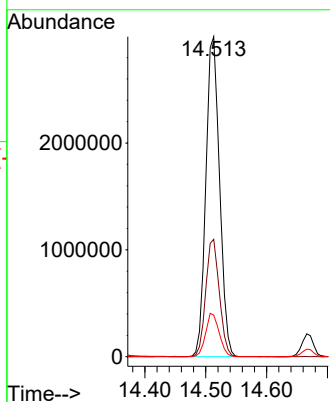
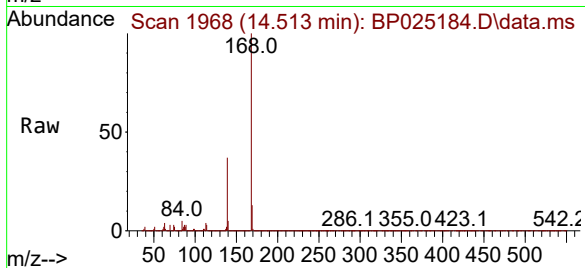
Tgt Ion:168 Resp: 4678341

Ion Ratio Lower Upper

168 100

139 36.7 28.6 43.0

169 13.0 10.7 16.1



#56

4-Nitrophenol

Concen: 95.983 ng

RT: 14.342 min Scan# 1939

Delta R.T. 0.041 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

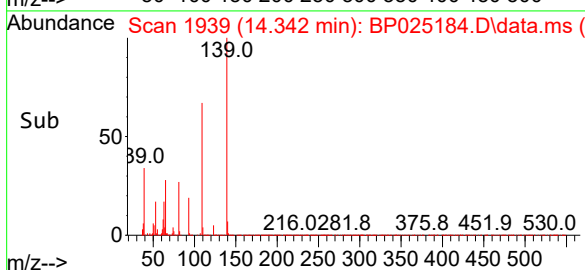
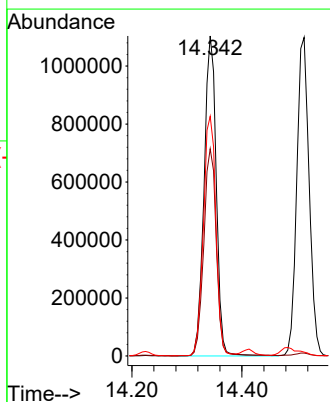
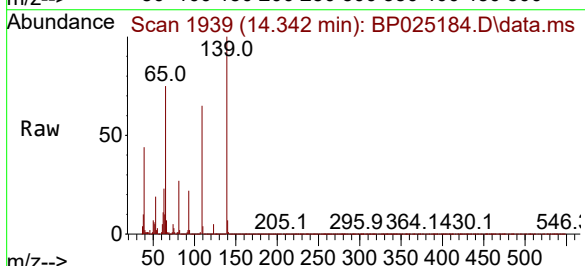
Tgt Ion:139 Resp: 1691329

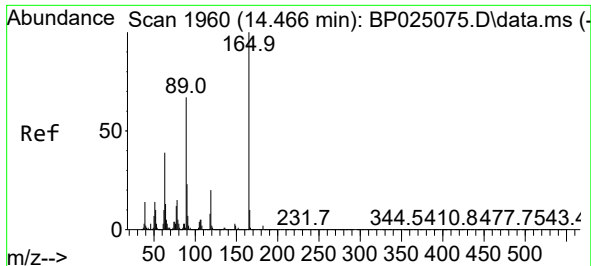
Ion Ratio Lower Upper

139 100

109 64.7 45.9 85.9

65 74.9 61.4 101.4

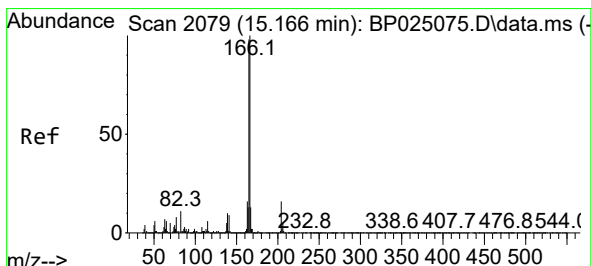
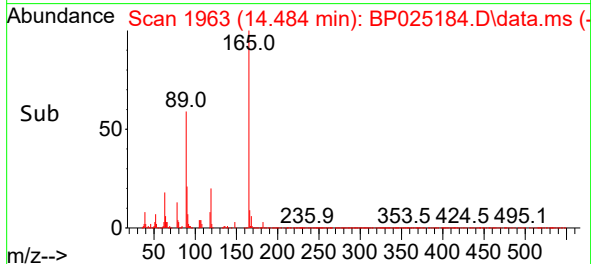
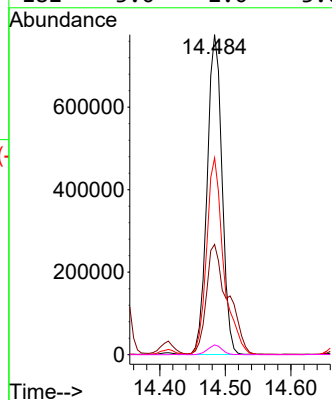
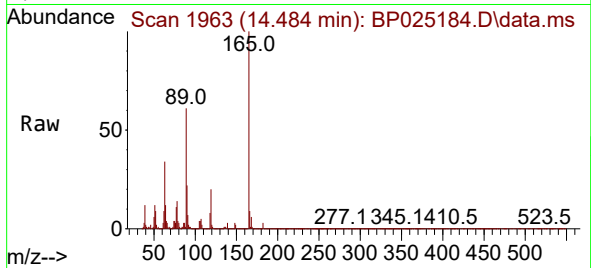




#57
2,4-Dinitrotoluene
Concen: 46.854 ng
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

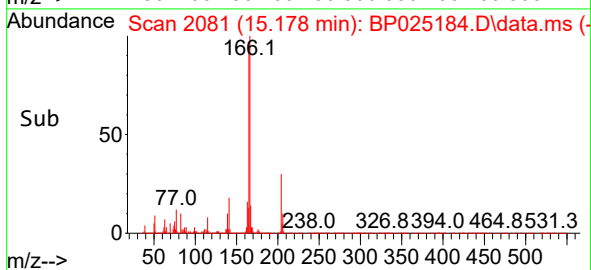
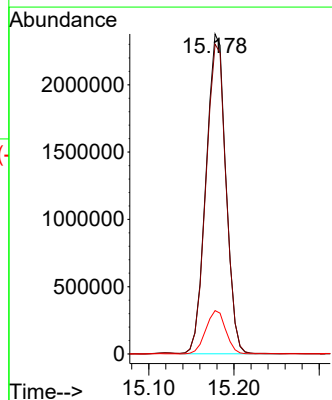
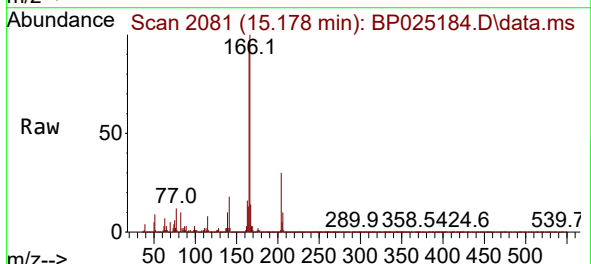
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

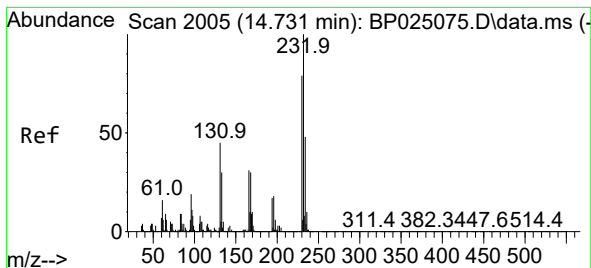
Tgt Ion:165 Resp: 1223447
Ion Ratio Lower Upper
165 100
63 34.5 31.0 46.4
89 61.5 53.4 80.0
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 42.722 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:166 Resp: 3839448
Ion Ratio Lower Upper
166 100
165 96.8 78.6 117.8
167 13.6 10.7 16.1

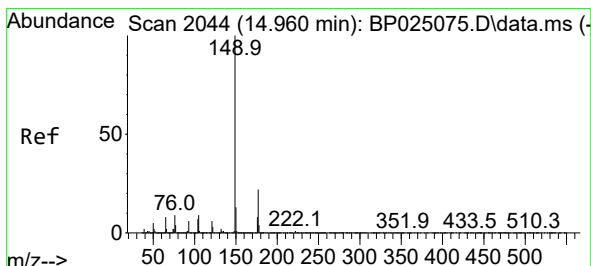
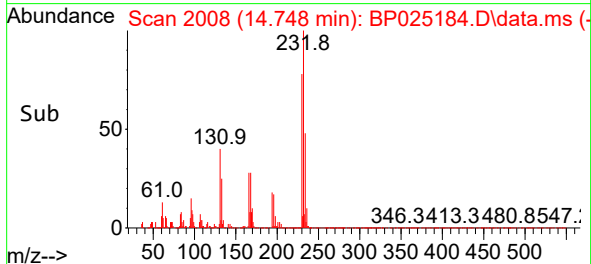
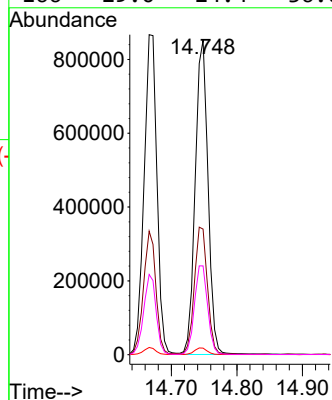
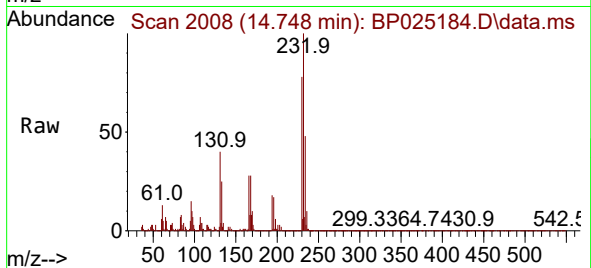




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.581 ng
RT: 14.748 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

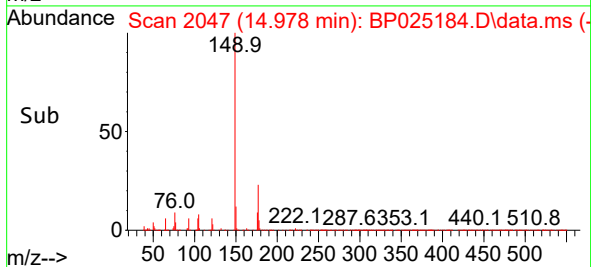
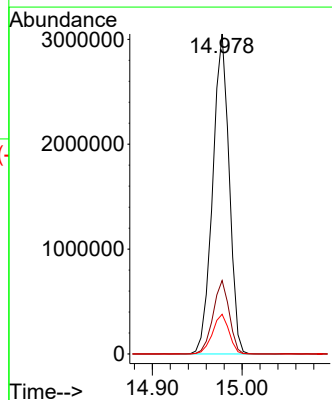
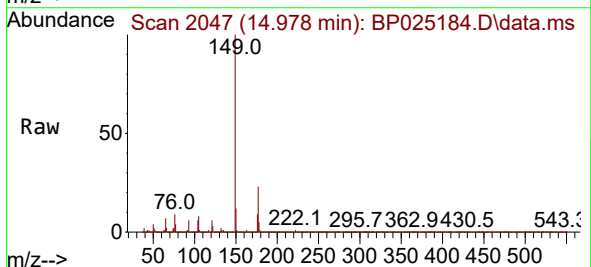
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ClientSampleId :
OR-02-071525MSD

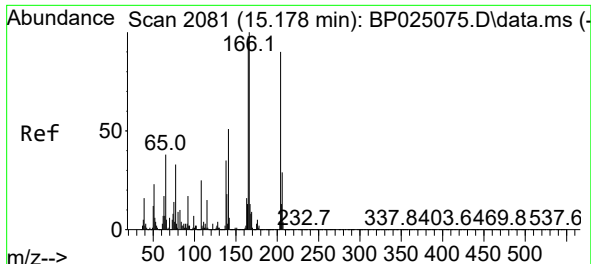
Tgt Ion:232 Resp: 1155651
Ion Ratio Lower Upper
232 100
131 41.3 35.7 53.5
130 2.1 1.8 2.6
166 29.0 24.4 36.6



#60
Diethylphthalate
Concen: 42.350 ng
RT: 14.978 min Scan# 2047
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:149 Resp: 3885885
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.8
150 12.4 10.2 15.2

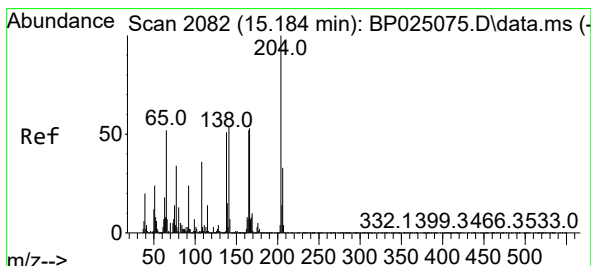
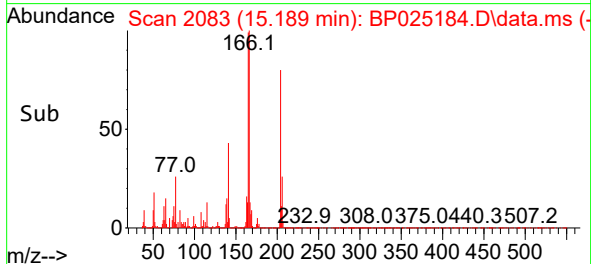
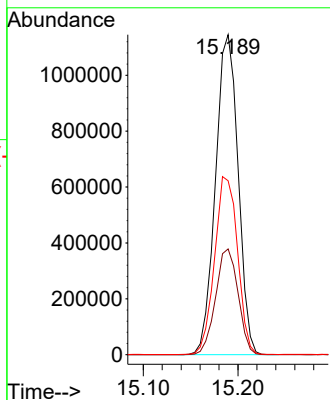
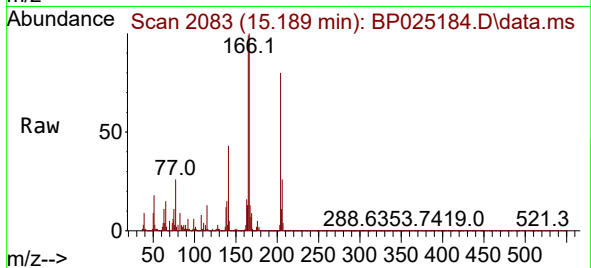




#61
4-Chlorophenyl-phenylether
Concen: 42.759 ng
RT: 15.189 min Scan# 2083
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

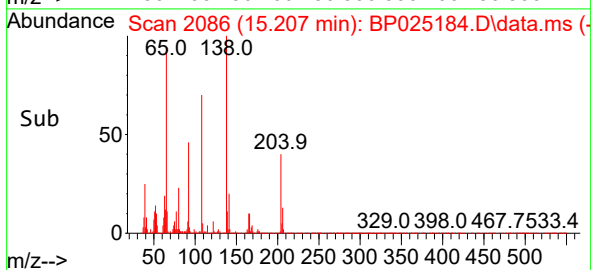
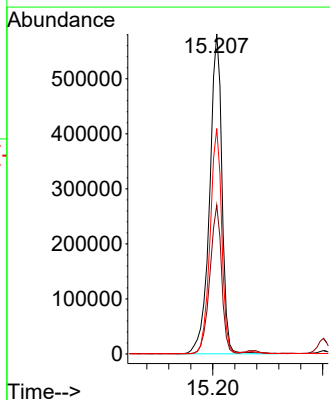
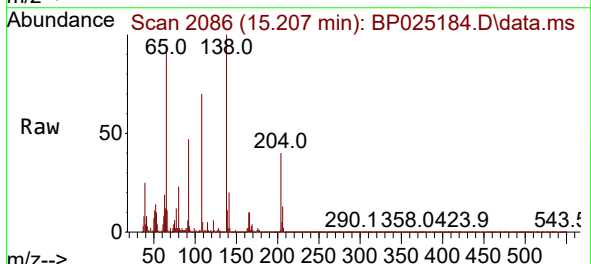
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

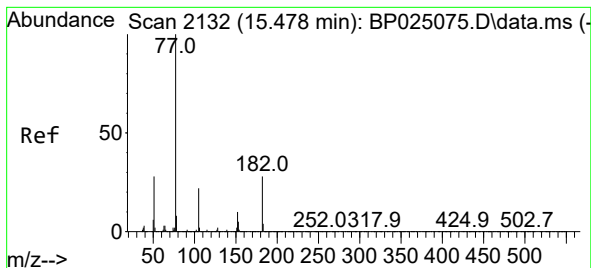
Tgt Ion:204 Resp: 1901713
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 54.4 45.1 67.7



#62
4-Nitroaniline
Concen: 45.267 ng
RT: 15.207 min Scan# 2086
Delta R.T. 0.024 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:138 Resp: 906337
Ion Ratio Lower Upper
138 100
92 46.5 26.0 66.0
108 70.5 50.0 90.0

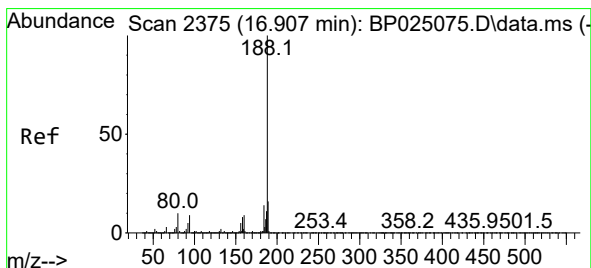
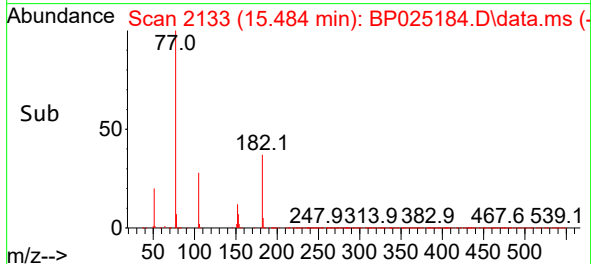
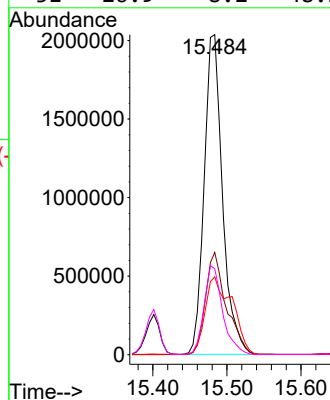
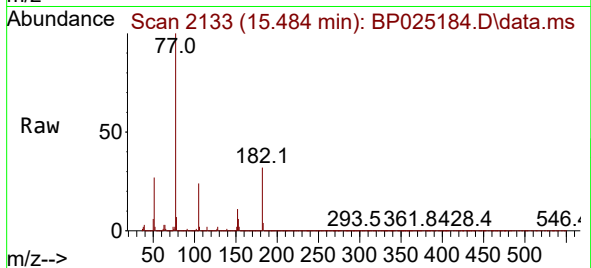




#63
Azobenzene
Concen: 42.819 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

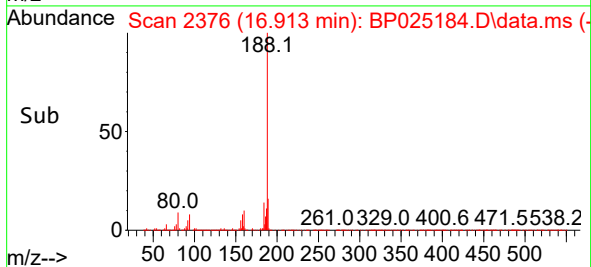
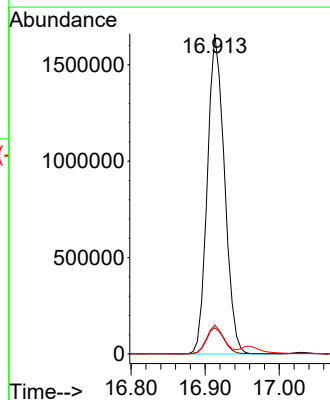
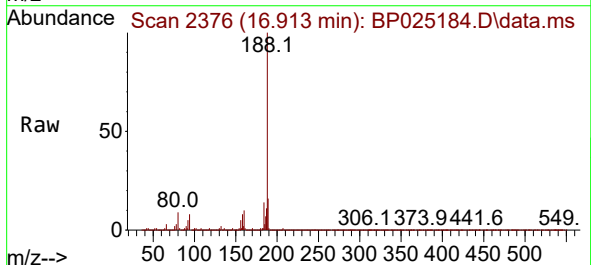
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

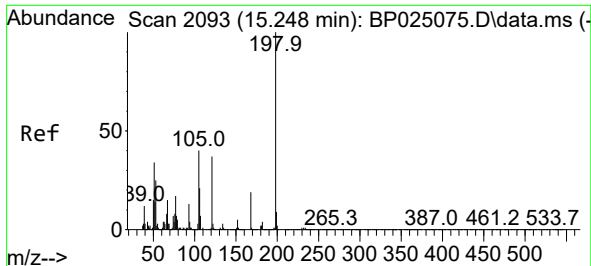
Tgt Ion: 77 Resp: 3498581
Ion Ratio Lower Upper
77 100
182 32.0 7.7 47.7
105 24.3 1.9 41.9
51 26.9 8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

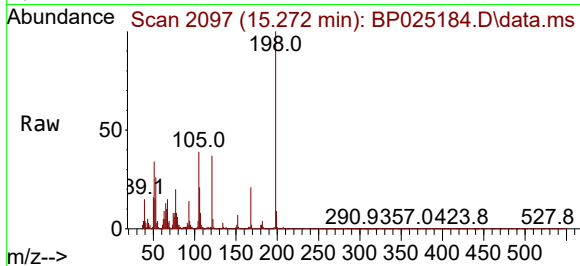
Tgt Ion: 188 Resp: 2661966
Ion Ratio Lower Upper
188 100
94 8.2 7.3 10.9
80 9.1 7.8 11.6



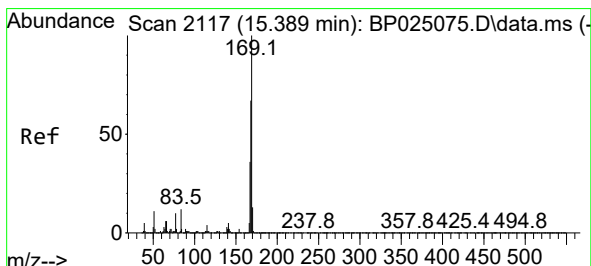
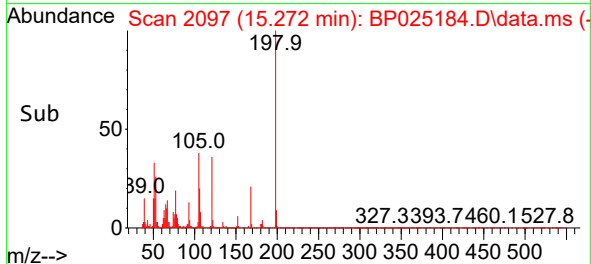
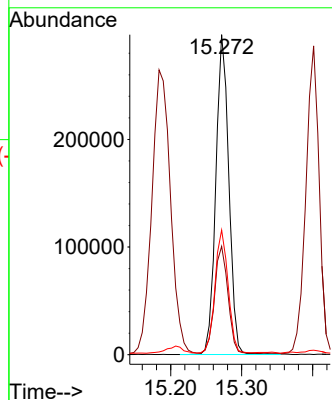


#65
4,6-Dinitro-2-methylphenol
Concen: 33.081 ng
RT: 15.272 min Scan# 2097
Delta R.T. 0.024 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

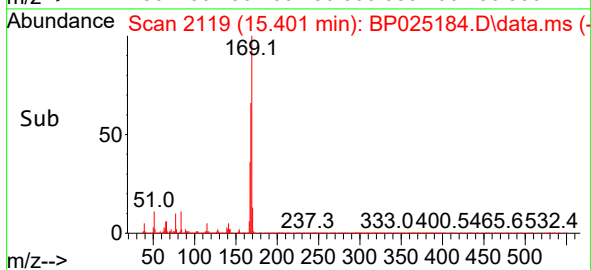
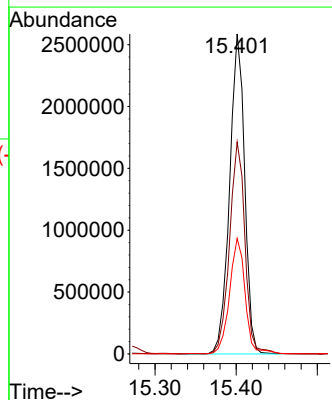
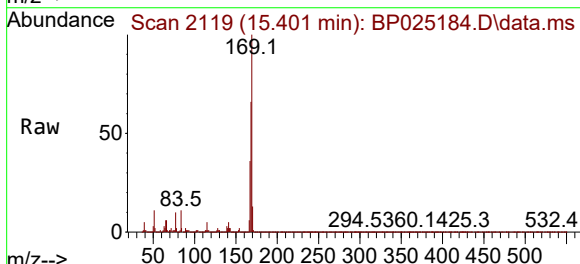


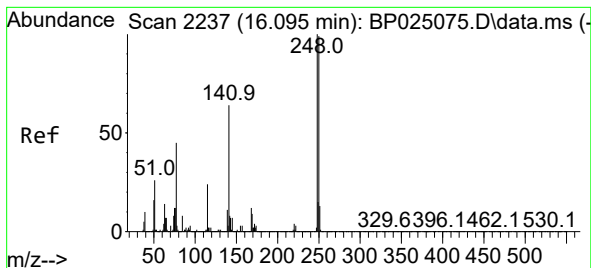
Tgt Ion:198 Resp: 376961
Ion Ratio Lower Upper
198 100
51 33.9 16.8 56.8
105 39.0 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 43.620 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:169 Resp: 3323011
Ion Ratio Lower Upper
169 100
168 66.3 54.1 81.1
167 36.1 29.0 43.6

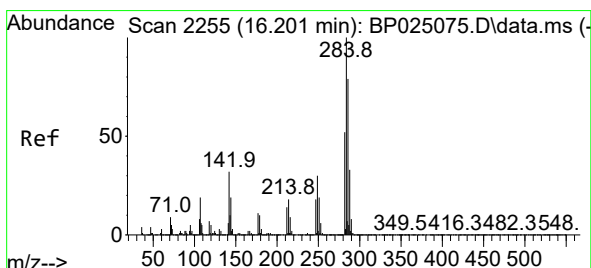
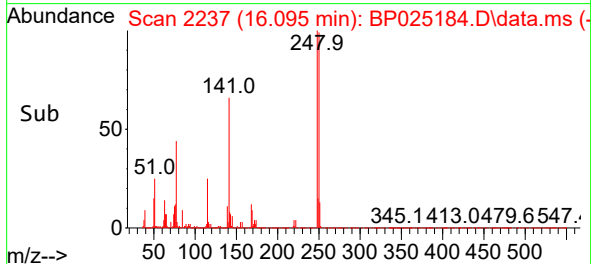
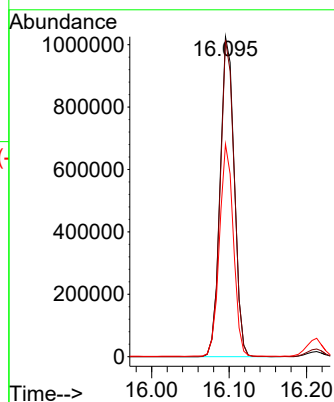
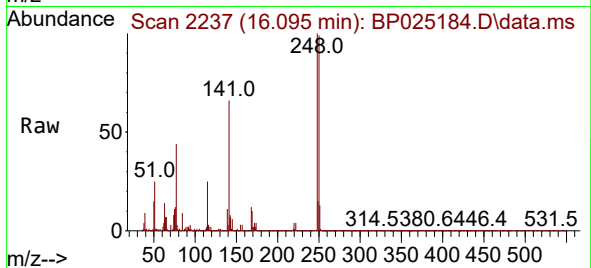




#67
4-Bromophenyl-phenylether
Concen: 47.757 ng
RT: 16.095 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

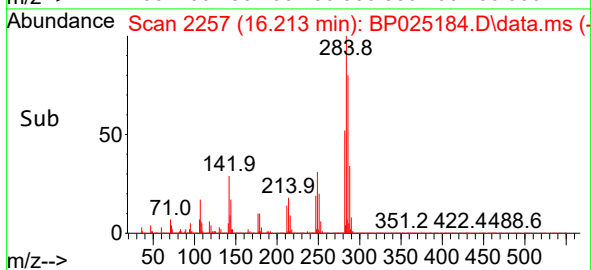
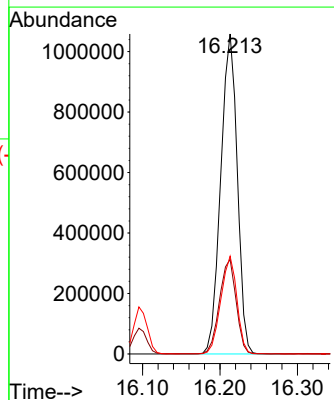
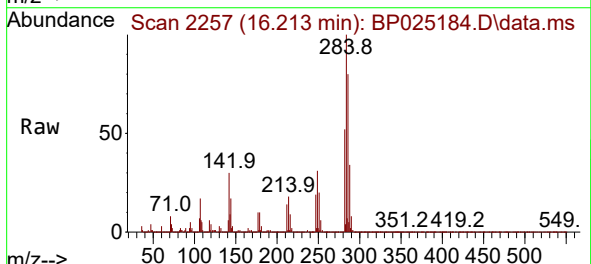
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

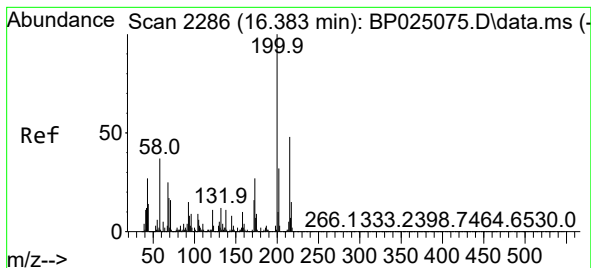
Tgt Ion:248 Resp: 1301658
Ion Ratio Lower Upper
248 100
250 99.0 79.4 119.2
141 66.4 51.4 77.0



#68
Hexachlorobenzene
Concen: 47.021 ng
RT: 16.213 min Scan# 2257
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:284 Resp: 1566465
Ion Ratio Lower Upper
284 100
142 29.6 25.9 38.9
249 30.6 23.8 35.8





#69

Atrazine

Concen: 55.686 ng

RT: 16.407 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

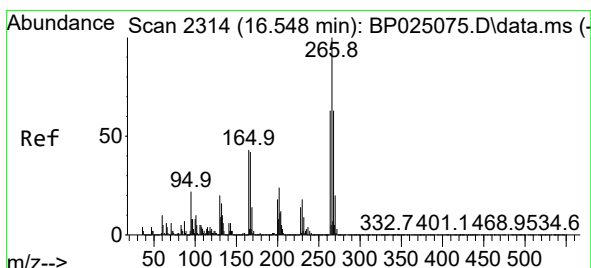
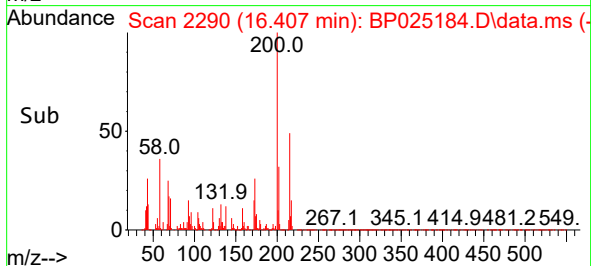
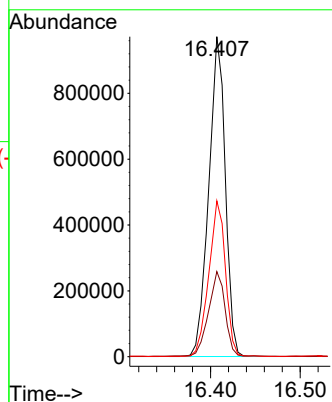
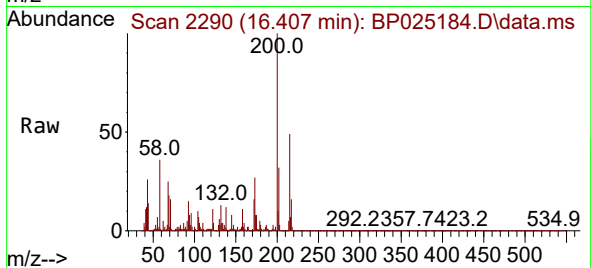
Tgt Ion:200 Resp: 1243106

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 48.7 28.0 68.0



#70

Pentachlorophenol

Concen: 99.695 ng

RT: 16.572 min Scan# 2318

Delta R.T. 0.024 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

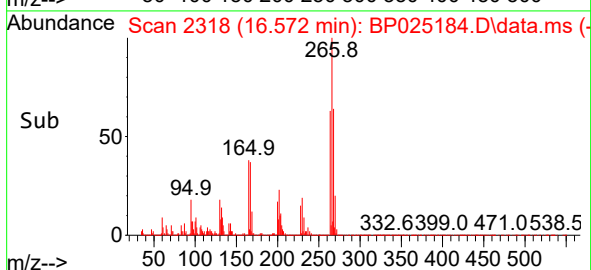
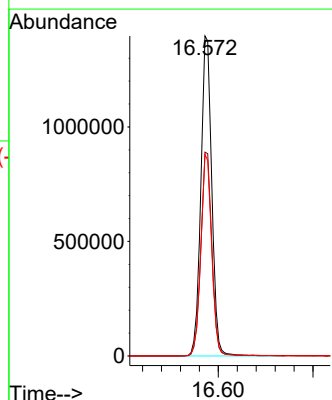
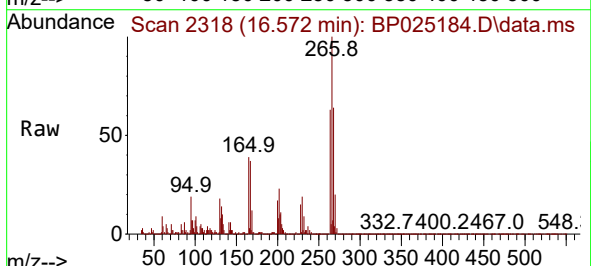
Tgt Ion:266 Resp: 2243009

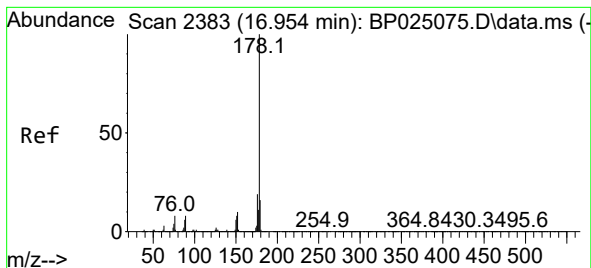
Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

264 63.0 50.2 75.2





#71

Phenanthrene

Concen: 43.727 ng

RT: 16.972 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

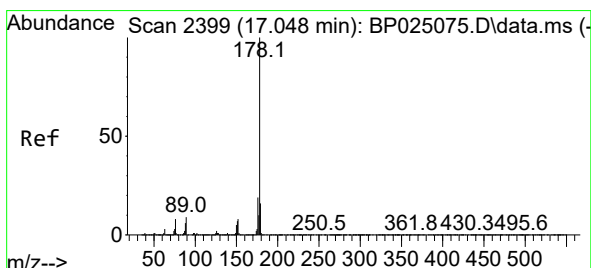
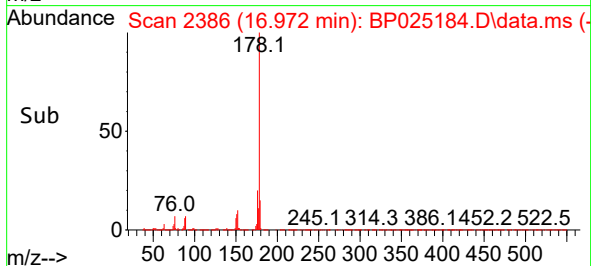
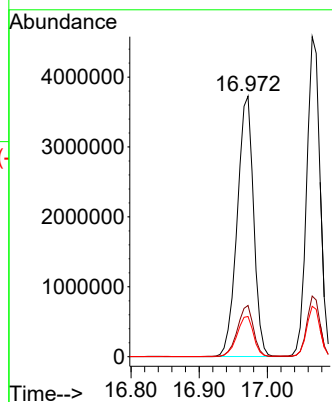
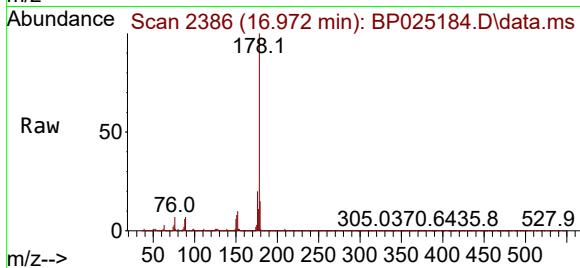
Tgt Ion:178 Resp: 6219759

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 15.4 12.6 19.0



#72

Anthracene

Concen: 45.385 ng

RT: 17.066 min Scan# 2402

Delta R.T. 0.018 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

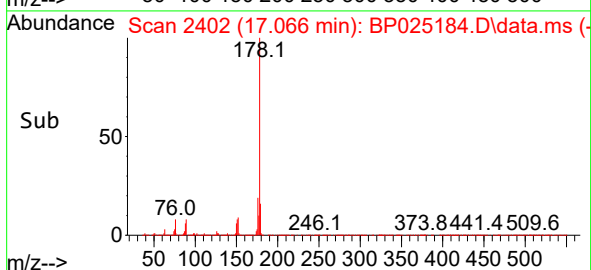
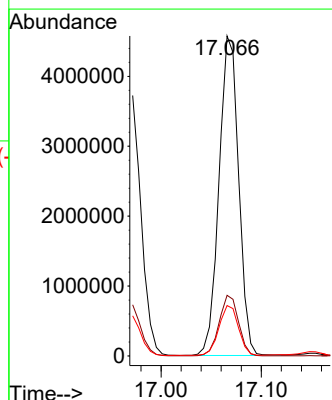
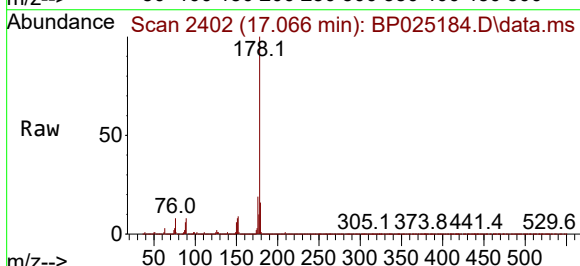
Tgt Ion:178 Resp: 6193334

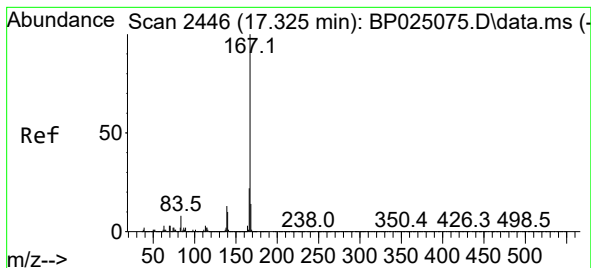
Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

179 15.7 12.5 18.7





#73

Carbazole

Concen: 43.203 ng

RT: 17.348 min Scan# 2446

Delta R.T. 0.024 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

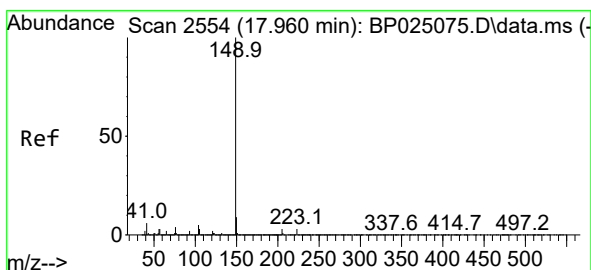
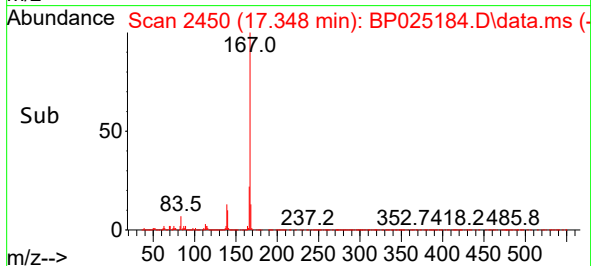
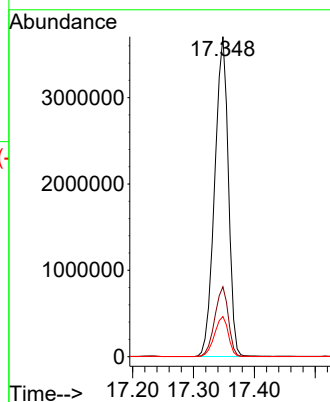
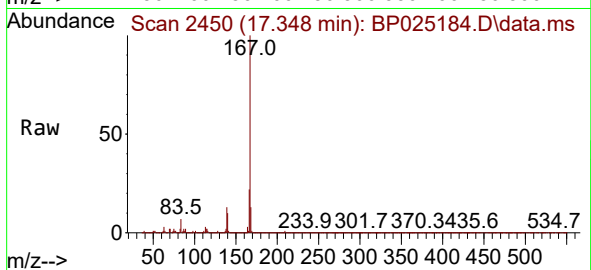
Tgt Ion:167 Resp: 5764286

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 12.6 10.4 15.6



#74

Di-n-butylphthalate

Concen: 47.168 ng

RT: 17.966 min Scan# 2555

Delta R.T. 0.006 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

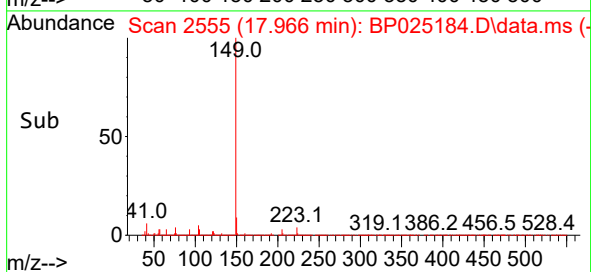
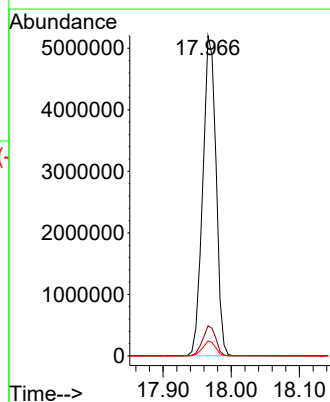
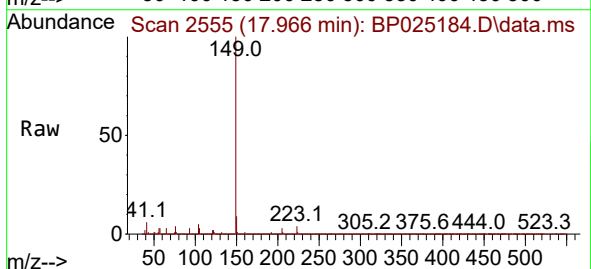
Tgt Ion:149 Resp: 7008215

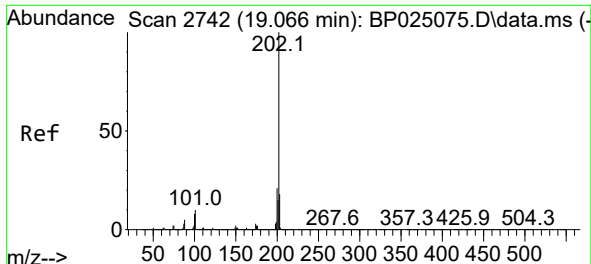
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 4.7 3.8 5.6

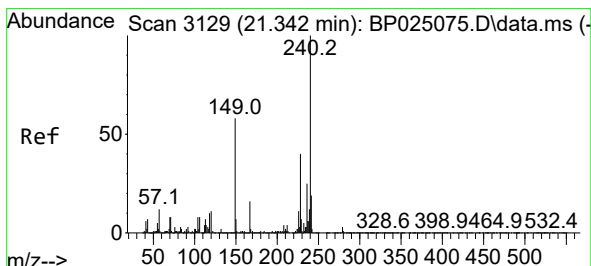
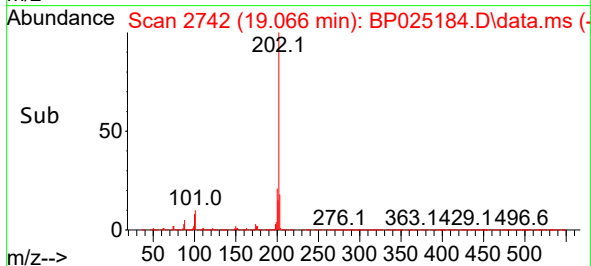
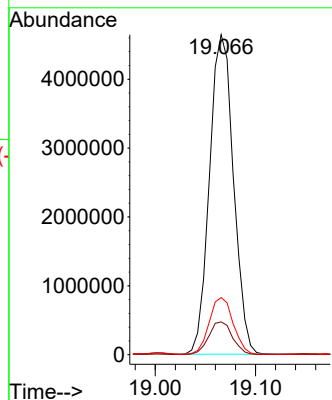
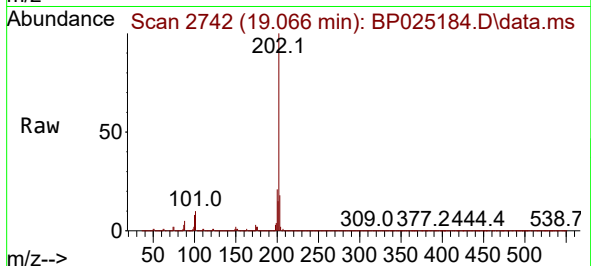




#75
Fluoranthene
Concen: 46.359 ng
RT: 19.066 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

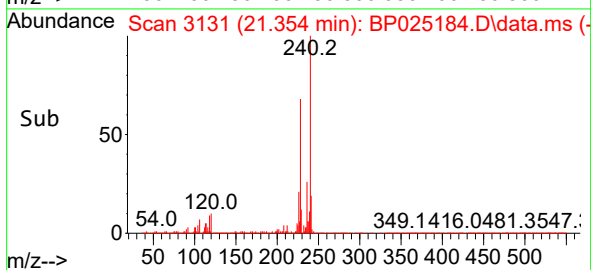
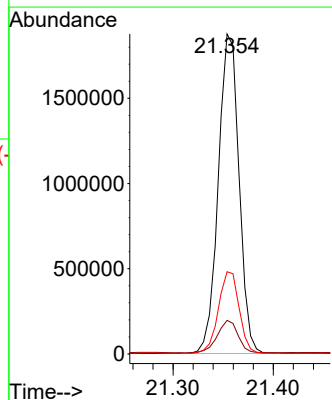
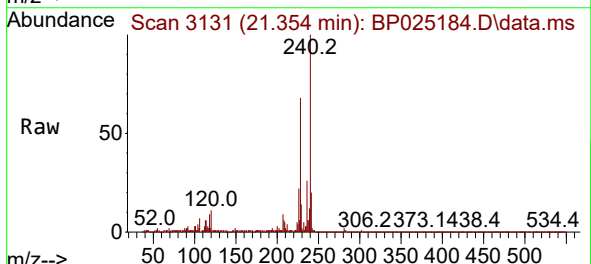
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

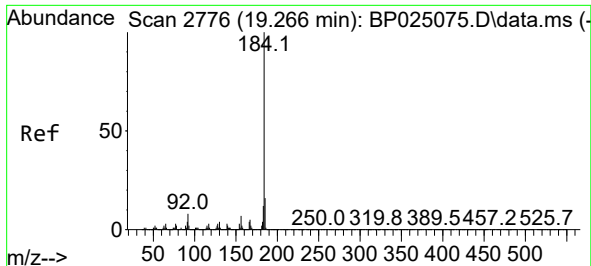
Tgt Ion:202 Resp: 7707826
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.4
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:240 Resp: 2687613
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 25.7 20.3 30.5

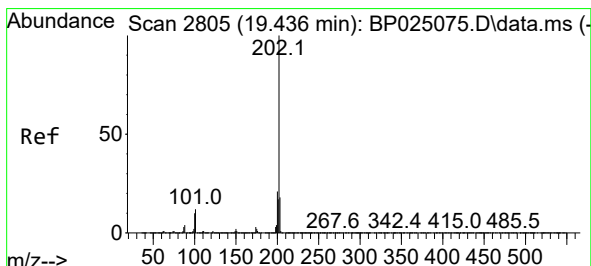
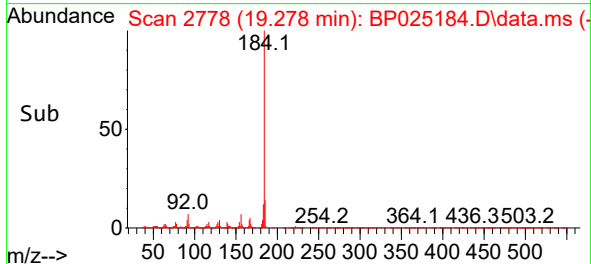
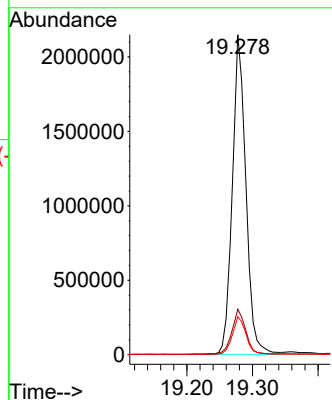
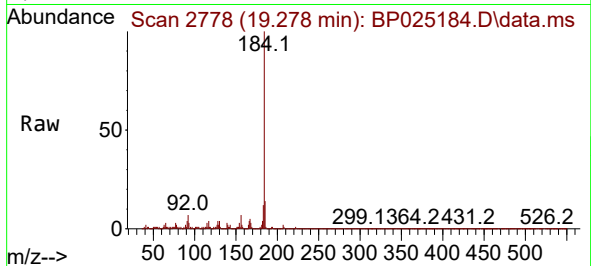




#77
Benzidine
Concen: 65.061 ng
RT: 19.278 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

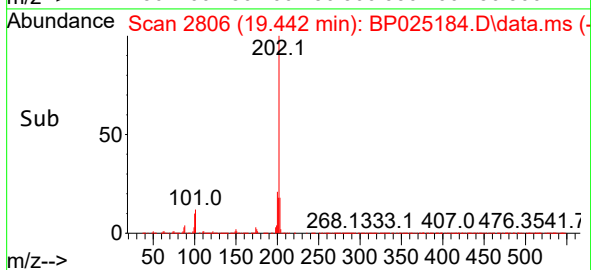
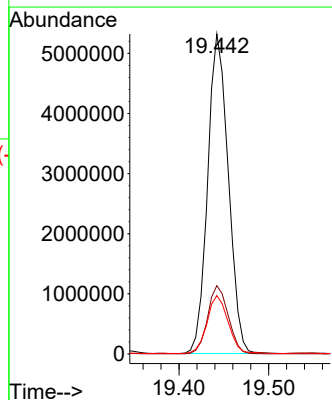
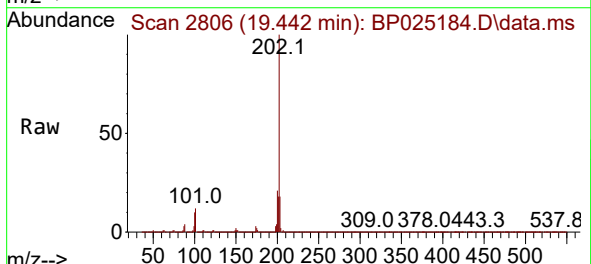
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

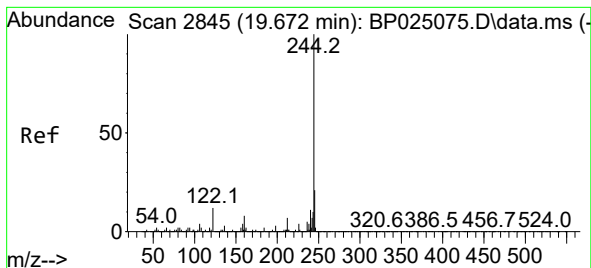
Tgt Ion:184 Resp: 3088270
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 11.9 9.4 14.2



#78
Pyrene
Concen: 51.051 ng
RT: 19.442 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:202 Resp: 8498286
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 54.388 ng

RT: 19.689 min Scan# 2848

Delta R.T. 0.018 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

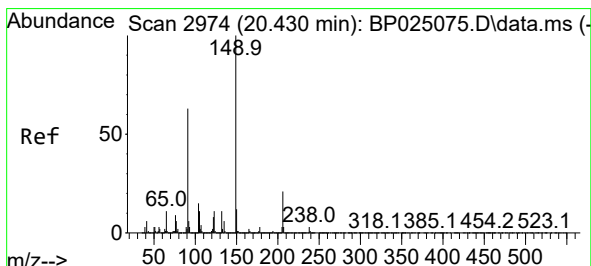
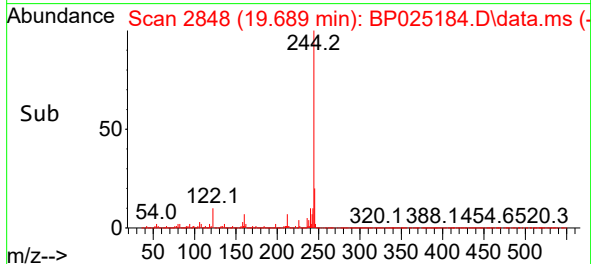
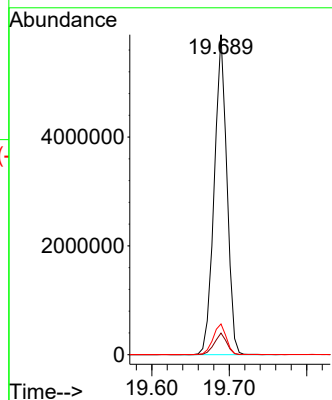
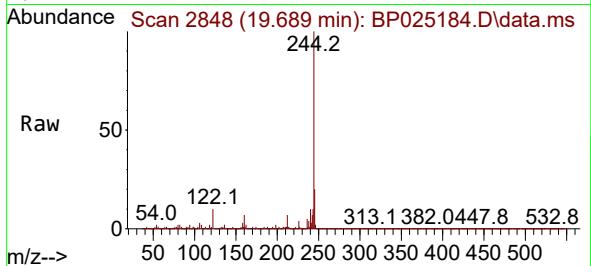
Tgt Ion:244 Resp: 6650894

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 9.6 9.4 14.2



#80

Butylbenzylphthalate

Concen: 50.200 ng

RT: 20.436 min Scan# 2975

Delta R.T. 0.006 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

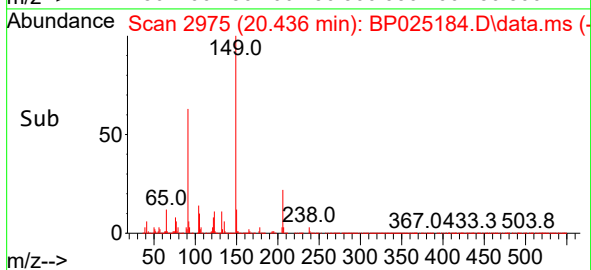
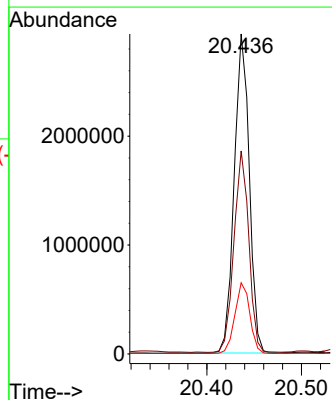
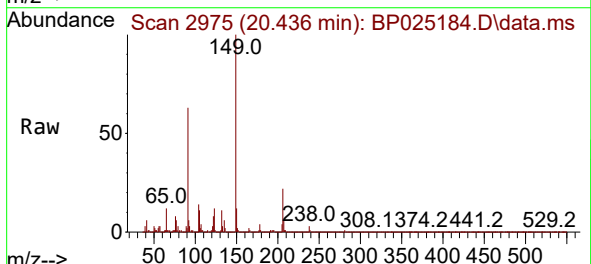
Tgt Ion:149 Resp: 3231331

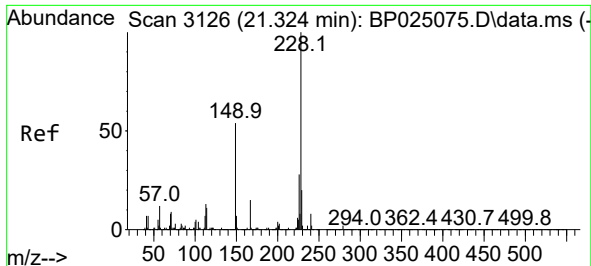
Ion Ratio Lower Upper

149 100

91 63.5 50.6 76.0

206 22.3 17.2 25.8

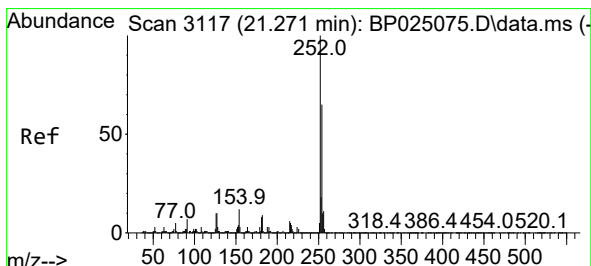
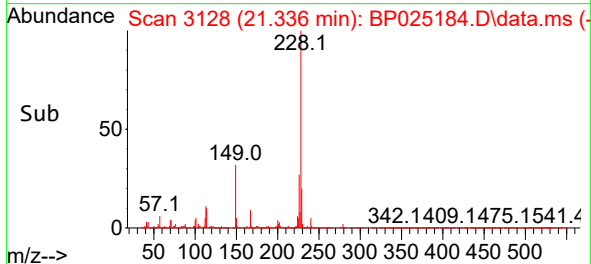
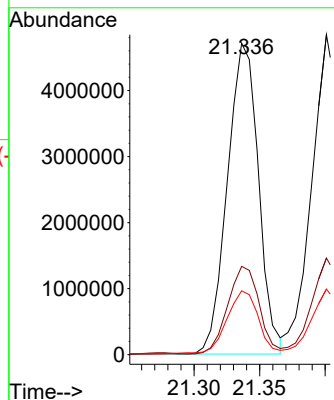
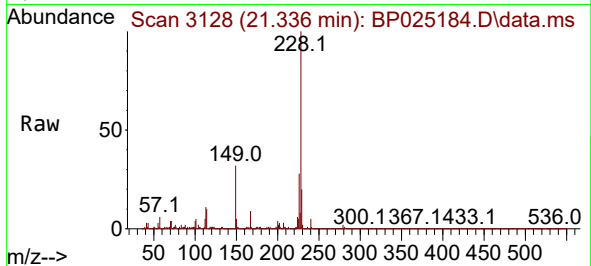




#81
Benzo(a)anthracene
Concen: 47.708 ng
RT: 21.336 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

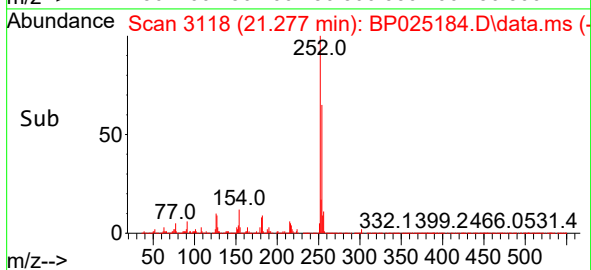
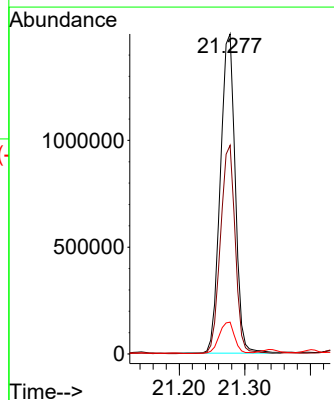
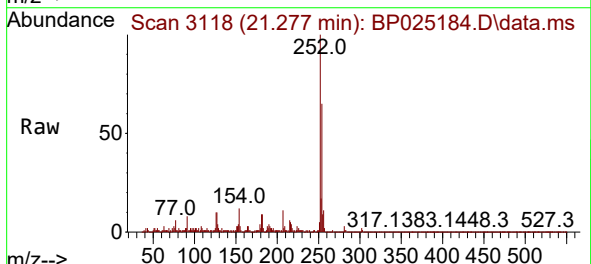
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

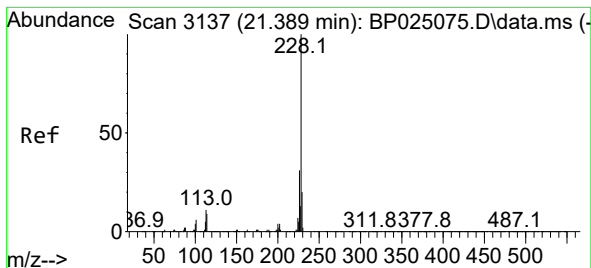
Tgt Ion:228 Resp: 7770350
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 20.5 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 47.810 ng
RT: 21.277 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:252 Resp: 2344170
Ion Ratio Lower Upper
252 100
254 65.2 51.9 77.9
126 9.9 8.1 12.1





#83

Chrysene

Concen: 47.983 ng

RT: 21.401 min Scan# 3137

Delta R.T. 0.012 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

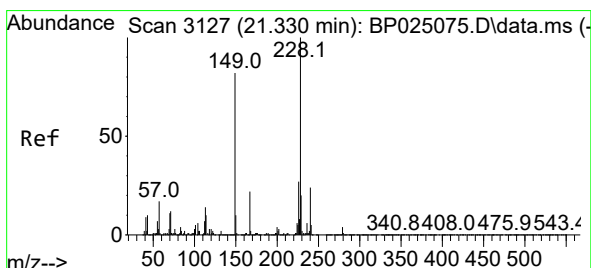
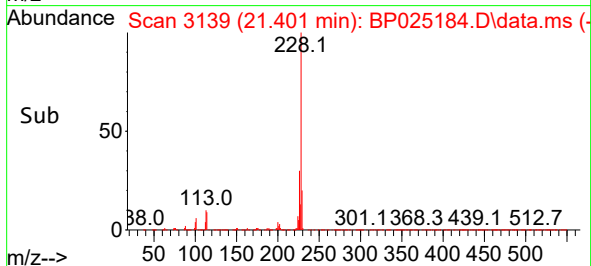
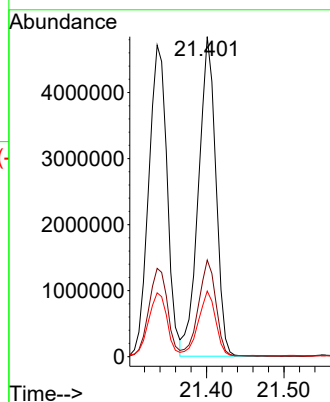
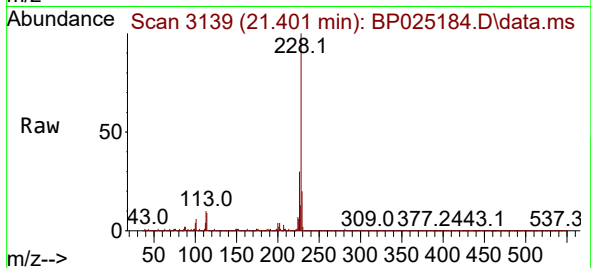
Tgt Ion:228 Resp: 7520800

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 20.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.392 ng

RT: 21.324 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

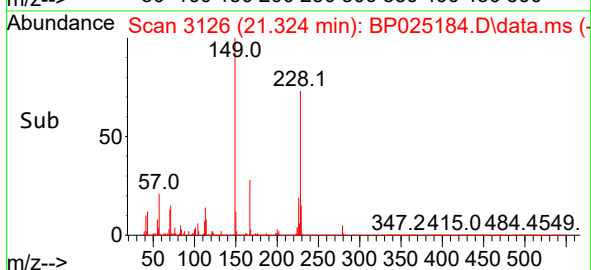
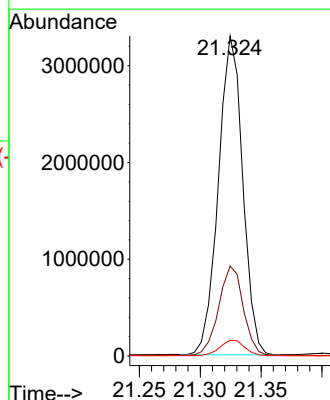
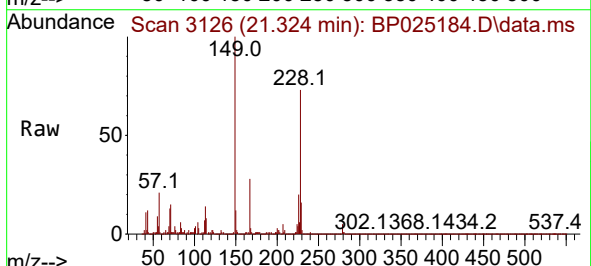
Tgt Ion:149 Resp: 4577173

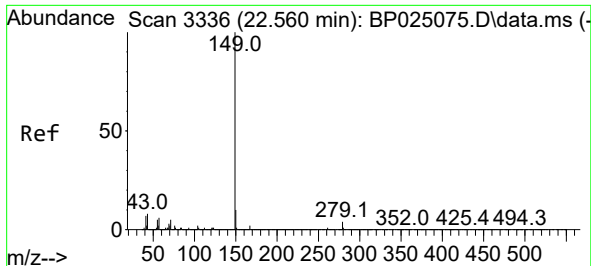
Ion Ratio Lower Upper

149 100

167 28.1 21.9 32.9

279 4.9 3.5 5.3

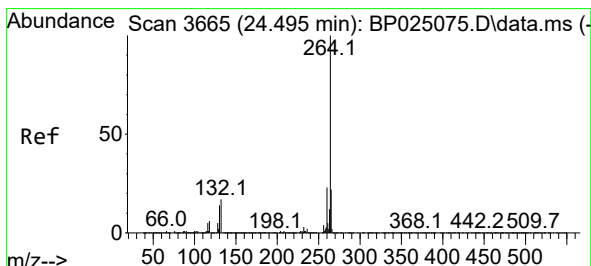
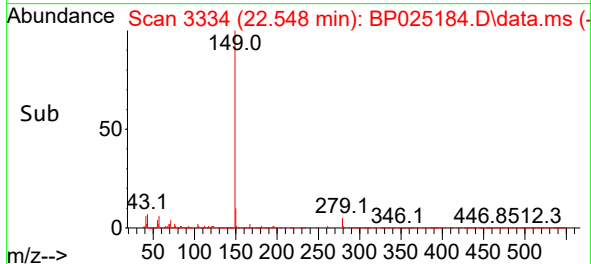
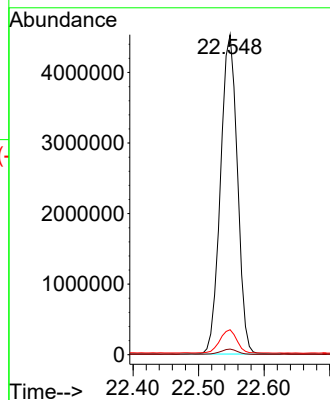
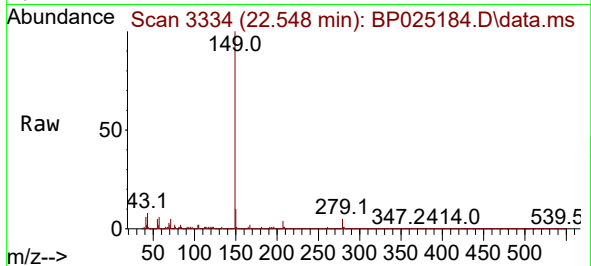




#85
Di-n-octyl phthalate
Concen: 50.060 ng
RT: 22.548 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

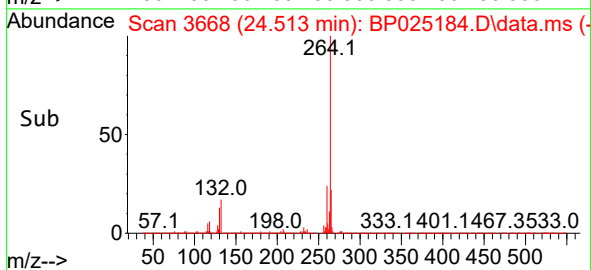
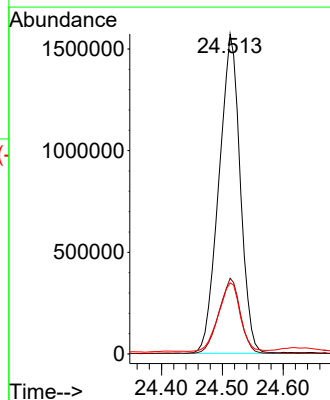
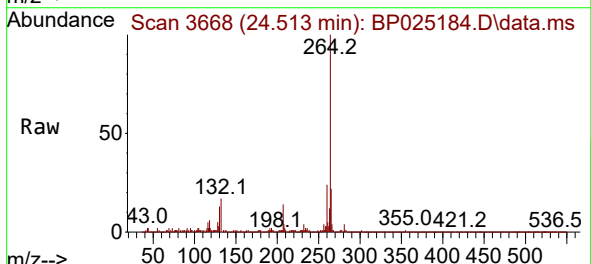
Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

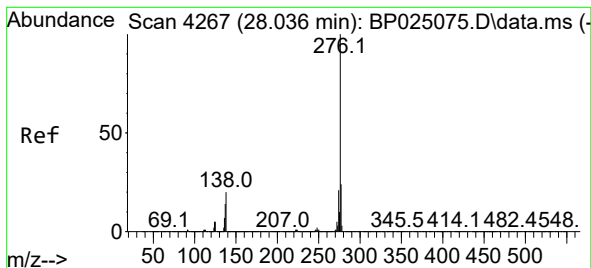
Tgt Ion:149 Resp: 8067243
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.3 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.513 min Scan# 3668
Delta R.T. 0.018 min
Lab File: BP025184.D
Acq: 17 Jul 2025 19:07

Tgt Ion:264 Resp: 3811537
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.2 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.330 ng

RT: 28.065 min Scan# 41

Delta R.T. 0.029 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

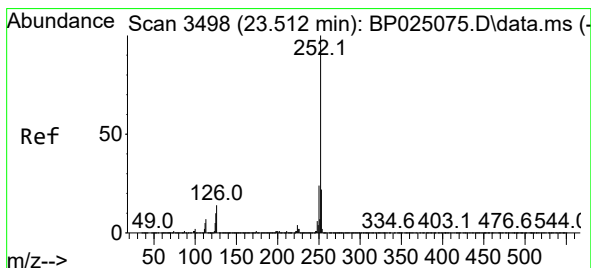
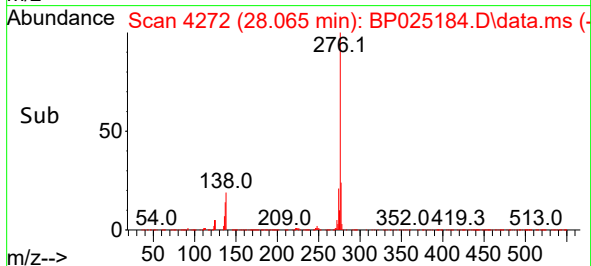
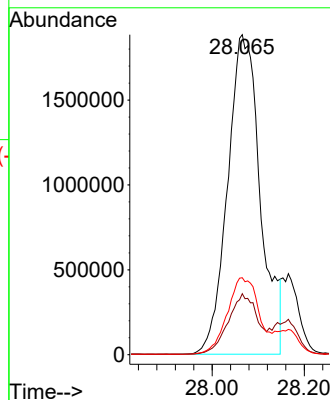
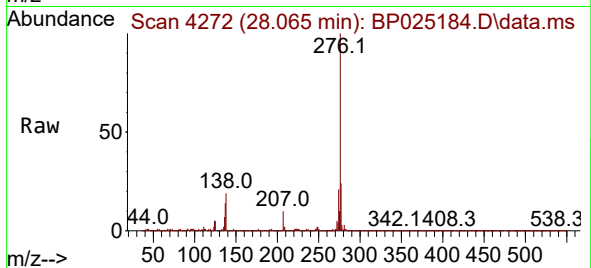
Tgt Ion:276 Resp: 9307170

Ion Ratio Lower Upper

276 100

138 16.9 13.0 19.6

277 23.2 15.9 23.9



#88

Benzo(b)fluoranthene

Concen: 38.149 ng

RT: 23.542 min Scan# 3503

Delta R.T. 0.030 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

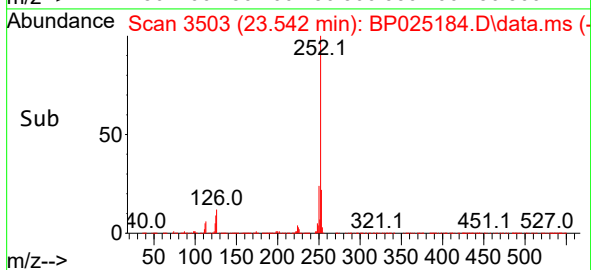
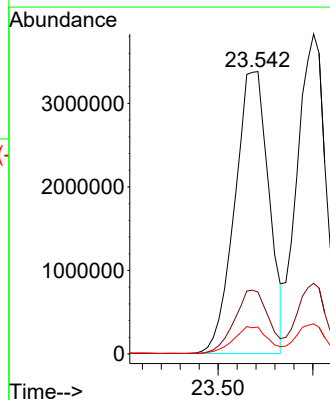
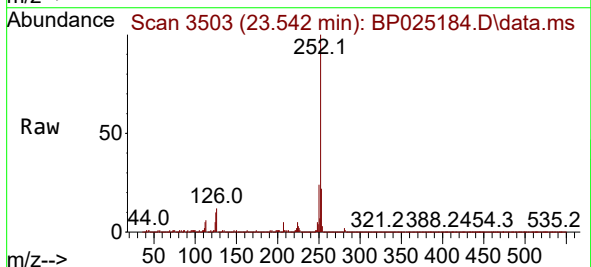
Tgt Ion:252 Resp: 8463299

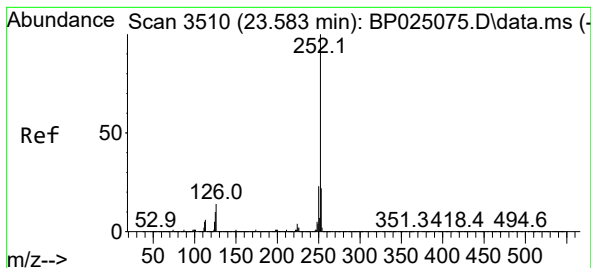
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.5 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 36.309 ng

RT: 23.601 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

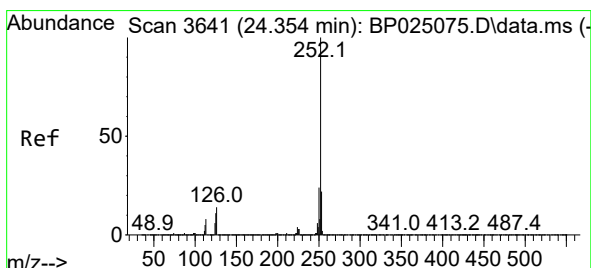
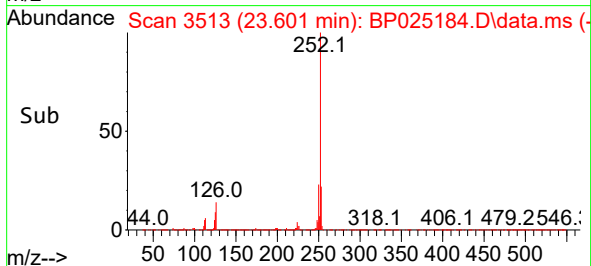
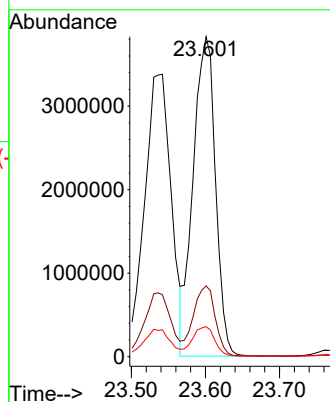
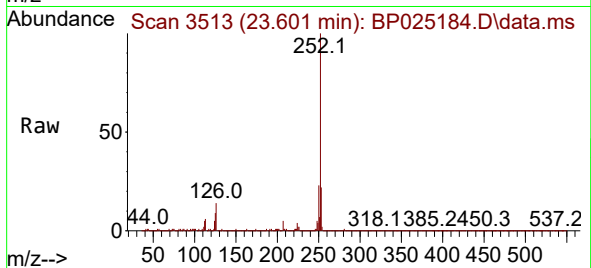
Tgt Ion:252 Resp: 8014882

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.4 8.2 12.2



#90

Benzo(a)pyrene

Concen: 49.253 ng

RT: 24.377 min Scan# 3645

Delta R.T. 0.024 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

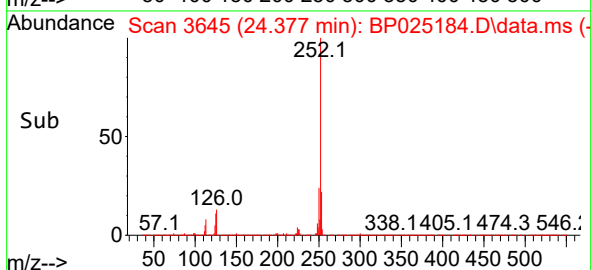
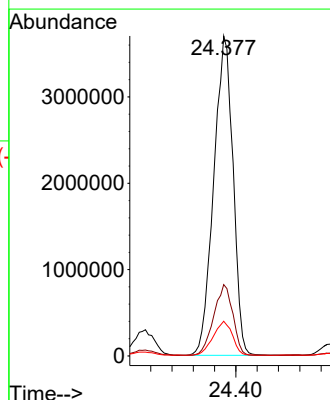
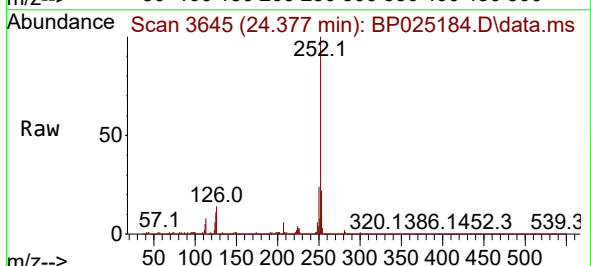
Tgt Ion:252 Resp: 9299741

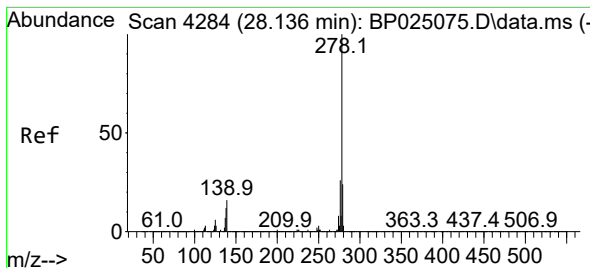
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.8 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 41.391 ng

RT: 28.165 min Scan# 41

Delta R.T. 0.030 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Instrument :

BNA_P

ClientSampleId :

OR-02-071525MSD

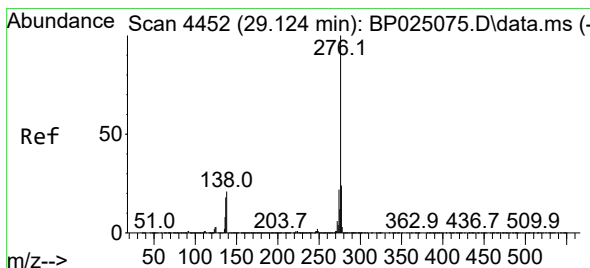
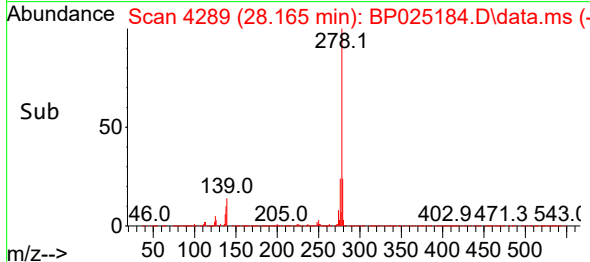
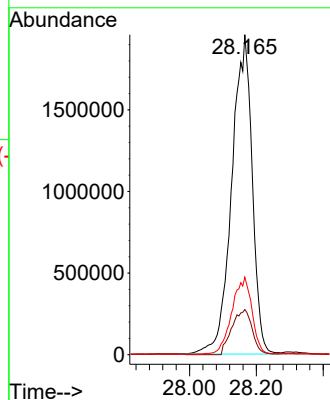
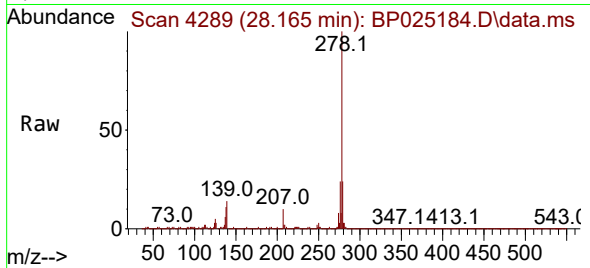
Tgt Ion:278 Resp: 8307566

Ion Ratio Lower Upper

278 100

139 14.1 13.1 19.7

279 24.2 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 40.846 ng

RT: 29.171 min Scan# 4460

Delta R.T. 0.047 min

Lab File: BP025184.D

Acq: 17 Jul 2025 19:07

Tgt Ion:276 Resp: 8469173

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 19.2 16.9 25.3

